

## **Appendix H      Phase I Environmental Site Assessment**

## Appendices

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**northgate**  
*environmental management, inc.*

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## **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

### **Brea 265 Property – Valencia Avenue at Lambert Road**

### **Brea, California**

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**Prepared For:**

**Aera Energy LLC,  
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**Prepared By:**

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**May 5, 2017**

**Project No. 2077.01.01**

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# PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Brea 265 Property – Valencia Avenue at Lambert Road  
Brea, California**

May 5, 2017

*Prepared For:*

Aera Energy LLC  
3030 Saturn Street, Suite 101  
Brea, California 92821

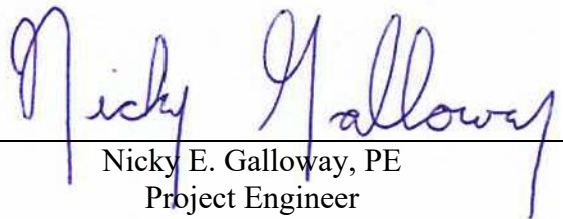
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## TABLE OF CONTENTS

<b>1.0</b>	<b>SUMMARY .....</b>	<b>1</b>
<b>2.0</b>	<b>INTRODUCTION.....</b>	<b>6</b>
2.1	Purpose.....	6
2.2	Scope of Services.....	6
2.3	Limitations and Exceptions.....	7
2.3.1	Limitations .....	7
2.3.2	Exceptions.....	8
2.4	User Reliance .....	8
<b>3.0</b>	<b>SITE DESCRIPTION.....</b>	<b>9</b>
3.1	Site Location and Legal Description.....	9
3.2	Site Vicinity General Characteristics.....	9
3.3	Geology and Groundwater .....	9
3.3.1	Geology.....	9
3.3.2	Groundwater .....	10
3.4	Current Use of the Property .....	11
3.5	Description of Structures, Roads, Sewage, and Potable Water Sources.....	11
3.6	Current Uses of Adjoining Properties.....	12
<b>4.0</b>	<b>USER PROVIDED INFORMATION.....</b>	<b>13</b>
4.1	Environmental Liens or Activity and Use Limitations .....	13
4.2	Specialized Knowledge.....	13
4.3	Reason for Performing the Phase I ESA.....	13
<b>5.0</b>	<b>RECORDS REVIEW .....</b>	<b>14</b>
5.1	Standard Environmental Record Sources .....	14
5.1.1	Site .....	14
5.1.2	Off-Site Sources.....	15
5.2	Additional Environmental Record Sources .....	19
5.2.1	DTSC EnviroStor Website.....	19
5.2.2	SWRCB GeoTracker Website .....	19
5.2.3	National Pipeline Mapping System (NPMS).....	19
5.2.4	OCHCA, Environmental Health .....	20
5.2.5	Brea Fire Department.....	20
5.2.6	California Division of Oil, Gas, and Geothermal Resources.....	20
5.3	Other Environmental Issues.....	20
5.3.1	Floodplain Maps .....	20
5.3.2	Radon .....	21
5.4	Land Use History .....	21
5.4.1	Aerial Photographs.....	22
5.4.2	Sanborn Maps .....	26
5.4.3	Topographic Maps .....	26
5.4.4	City Directories.....	27



5.5	Interviews.....	28
5.6	Previous Reports .....	28
<b>6.0</b>	<b>SITE RECONNAISSANCE.....</b>	<b>30</b>
6.1	Methodology and Limiting Conditions.....	30
6.2	General Site and Vicinity Conditions .....	30
	6.2.1 Site .....	30
	6.2.2 Site Vicinity .....	33
<b>7.0</b>	<b>PHASE I ESA CONCLUSIONS.....</b>	<b>34</b>
<b>8.0</b>	<b>REFERENCES.....</b>	<b>36</b>
<b>9.0</b>	<b>ENVIRONMENTAL PROFESSIONAL STATEMENT.....</b>	<b>38</b>

**TABLE**

- 1 Summary of Site Features, Historical Operations, Potential Environmental Concerns, and Reconnaissance Observations

**FIGURES**

- 1. Site Vicinity Map
- 2. Site Plan
- 3. Site Features, 100-Acres
- 4. Site Features, 165-Acres

**SITE PHOTOGRAPHS**

**APPENDICES**

- A Title Reports
- B Phase I ESA User Questionnaire
- C The EDR Radius Map™ Report with GeoCheck®
- D Agency and Other Records – Site
- E The EDR Aerial Photo Decade Package
- F The EDR Historical Topographic Map Report
- G The EDR-City Directory Abstract
- H Environmental Professional Qualifications



## 1.0 SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (ESA) performed by Northgate Environmental Management, Inc. (Northgate) for Aera Energy LLC (Aera) at the "Brea 265 Property" located along Valencia Avenue at the intersections of Lambert Road, Carbon Canyon Road, and Rose Drive in Brea, California (the Site). The Site is approximately 265 acres of land developed with an active oil production field, a plant nursery, and a tree farm. The Site consists of nine parcels identified as Assessor's Parcel Numbers (APNs) 320-073-07 and -09, and 322-031-01, -12, -13, -14, -19, -21, and -24 in Orange County. A Site Vicinity Map is shown on Figure 1 and a Site Plan is shown on Figure 2.

For the purpose of this report, the Site has been divided into two separate properties for ease of geographic reference in describing historic Site operations, specific locations of potential environmental concerns, and current Site conditions. The designated Site properties are shown on Figure 2. The properties are designated as:

- The "100-Acre Lease Property" consists of two parcels located west of Valencia Avenue. The two rectangular parcels are separated by Lambert Road. The parcel located north of Lambert Road is identified as 2601 Valencia Avenue and is currently developed with an active oil production field and a nursery (Greenland Nursery). The parcel located south of Lambert Road is identified as 2501-2811 Valencia Avenue and is currently developed with an active oil production field and an organic food growing company (Future Foods Farms) which utilizes a portion of the property for agricultural purposes. Oil field operations at this portion of the Site began in the 1920s, with agricultural use initiated in the 1930s. Current and historic Site features of the 100-Acre Lease Property are shown on Figure 3.
- The "165-Acre Lease Property" consists of seven contiguous parcels located east of the 100-Acre Lease Property. The property is located east of Valencia Avenue, south of Carbon Canyon Road, northeast of Rose Drive, and north of Blake Road. The northern portion of the property is currently developed as an active oil production field. The southern portion of the property, totaling approximately 43 acres, is currently occupied by a seasonal pine tree farm (Peltzer Pine Choose and Cut). Oil field operations at this portion of the Site began in 1927 with agricultural use, including orchards and tree farms, initiated in the 1950s. A "sump" area was historically present in the southern portion of the property that was reportedly utilized for oil field drainage and waste storage prior to being filled in the 1960s. Sumps are identified at the Site as unlined areas historically utilized for the storage of waste oil and oil field related waste liquids. After the sump was filled, Rose Drive was constructed across this area. Current and historic Site features of the 165-Acre Lease Property are shown on Figure 4.



Our review indicates that the Site has historically been developed and primarily operated as an oil field since the 1920s, with some agricultural uses since the 1930s. Operations at the oil fields have historically included underground storage tanks (UST) and aboveground storage tanks (ASTs) for the storage and containment of gasoline, diesel, crude oil, and other process hydrocarbons. The 100-Acre Lease Property and the northern and central portions of the 165-Acre Lease Property are still developed as operating oil fields that include 104 oil wells, a dehydration unit, a vapor recovery system, a production unit and tank farm, and a carbon filtration area. Petroleum and steam pipelines are also present throughout the Site as both aboveground and belowground features. Oil sumps were not observed during our reconnaissance but have historically been utilized across the Site for the oil field operations. Sumps are identified at the Site as unlined areas historically utilized for the storage of waste oil and oil field related waste liquids. Approximate former sump locations are shown on Figures 3 and 4 in blue for sumps identified from historic aerial photographs and in purple for sumps identified from a 1992 report prepared for the Site.

Portions of the Site are listed on a number of regulatory databases including the Leaking Underground Storage Tank (LUST), UST, Historic UST, Underground Injection Control (UIC), Emergency Response Notification System (ERNS), and Hazardous Waste Information System (HAZNET) regulatory databases under listings for Shell Service Station and Shell Western Oil. The UST database indicates that three USTs were formerly present at the 100-Acre Lease portion of the Site, including a 555-gallon gasoline UST, a 555-gallon diesel UST, and a 1,000-gallon gasoline UST. The LUST database indicates that soil was impacted by a release of diesel fuel, additives, and gasoline from one or more of the USTs at the Site. The facility received regulatory closure from the Orange County Health Care Agency (OCHCA) in August of 1991, although no impacted soil was removed, and no remediation occurred in connection with the release(s).

The Site is also listed on the UIC database related to the presence of both active and plugged underground injection wells associated with oil field waste-water disposal and other oil field operations. The Site is listed on the HAZNET database related to the storage, bulking, and transfer off-Site of approximately seven tons of unlisted product in 2012 from a Southern California Edison electrical transformer area located on the northwestern portion of the 165-Acre Lease Property.



A Phase I ESA prepared for a portion of the Site on July 20, 1992 identified potential concerns associated with the removal of two diesel USTs from the 100-Acre Lease Property. One UST was reported to have been removed in 1989. One investigative boring advanced to a depth of 190 feet below ground surface (bgs) encountered benzene up to three parts per million (ppm) in a soil collected from a depth of 90 feet bgs. Groundwater was not encountered in the boring. The apparent release received regulatory closure from the OCHCA in 1991, although no remedial actions were performed. A second diesel UST was removed in December 1990 and no evidence of a release was reported. The location of this second removed UST was not identified. The Phase I ESA also reported additional potential environmental concerns including historic oil field operations, petroleum hydrocarbon staining, possible methane and hydrogen sulfide gas in the areas around process area holding tanks and historic oil sumps. The report concluded that facilities and oil wells would require proper abandonment prior to development of the Site and recommended that a Phase II ESA be conducted.

The properties to the north of the Site, including the Olinda Alpha Landfill located further to the north, have historically been developed as oil fields. Some industrial development has been present to the south of the Site, including a current electric substation owned and operated by Southern California Edison. The remaining portions of the Site vicinity have historically been utilized as agricultural land prior to development for residential uses during the 1980s and 1990s. No hazardous materials releases have been documented in the immediate Site vicinity that appear to represent a potential threat to soil, groundwater, or soil vapor quality at the subject Site.

In summary, Northgate has performed a Phase I ESA of the Brea 265 Property located on Valencia Avenue at the intersections with Lambert Road, Carbon Canyon Road and Rose Drive in Brea, California in conformance with the scope and limitations of ASTM Practice E 1527-13 and the standards and practices of the All Appropriate Inquiry – Final Rule (40 Code of Federal Regulations Part 312). Any exceptions to, or deletions from, these practices are described in Section 2.3 of this report. Our review did not identify the presence of Recognized Environmental Conditions (RECs) in connection with the property, except for the following:

- The Site has been developed as an operating oil field since the 1920s. Some oil wells are still operational and various levels of ponded oil and staining were observed at each well, primarily in the vicinity of the well box. The historic and current operations of the oil field, including the oil wells, tank farms, and pipelines, represent a potential threat to soil, groundwater, and/or soil vapor quality at the subject Site. It should be noted that the California Division of Oil Gas and Geothermal Resources generally prohibits construction of residences directly over active or sealed and abandoned oil or gas wells.



- Multiple historic oil sumps, including a large former, unlined oil sump located in the southwestern portion of the 165-Acre Lease Property that has since been filled in and developed to include Rose Road, were present across both properties of the subject Site. These historic sumps represent a potential threat to soil, groundwater, and/or soil vapor quality at the Site.
- Given that the Site is a defined oil/gas field, the Site will be subject to the guidelines and requirements set forth in the Orange County Fire Authority's (OCFA's) *Combustible Soil Gas Hazard Mitigation* document that outlines the guidance for the investigation, remediation, and/or mitigation of potentially hazardous concentrations of combustible soil gases associated with the construction and occupancy of a building located on or within the vicinity of an oil/gas field and the OCFA specified areas.
- Petroleum and natural gas pipelines are present throughout portions of both the 100-Acre Lease and 165-Acre Lease Properties. Petroleum hydrocarbon, or other hazardous materials releases may have occurred along the pipelines

Northgate's review also identified the following Historic REC (HREC) at the Site:

- The 100-Acre Lease portion of the Site has a documented release from a leaking diesel UST that impacted soil to depths of 90 feet bgs. The facility received regulatory closure from the OCHCA on August 20, 1991. However, no remedial action was performed, and petroleum hydrocarbons remain in soil at the Site.

Our review also identified the following potential environmental concerns:

- A drainage channel traverses the 100-Acre Lease Property from north to south that is reported to originate from the Olinda Alpha Landfill to the north and potentially contain runoff from that upgradient facility. Runoff from a landfill facility could contain contaminants that could potentially impact future development of the Site.
- Given the historic use of the Site for agricultural purposes, there is a possibility that pesticides and herbicides may be present in shallow soil in some areas of the Site.
- Test results from indoor air samples collected within the local zip code area indicate that radon may constitute a potential environmental concern at the Site.
- Injection wells are present at the Site and are subject to many new regulations. Further review of specific requirements for closing out the existing injection wells may be required prior to development of the Site.





Northgate recommends that a Phase II ESA be conducted to evaluate the existing soil, groundwater, and soil vapor conditions at the Site related to these RECs and issues of potential environmental concern. The investigation should include strategic test pits and trenching as well as near surface and shallow soil testing and drilling of deep soil borings. The Phase II ESA results should be used to develop remedial cost scenarios to further understand the potential impacts associated with redevelopment of the Site.



## 2.0 INTRODUCTION

This report presents the results of a Phase I ESA performed by Northgate at the Brea 265 Property located in Brea, California. The Site is located to the east and west of Valencia Avenue at the intersection of Lambert Road, Carbon Canyon Dam, and Rose Drive. The Site consists of approximately 265 acres of land developed with active oil production and processing facilities and agricultural operations including a nursery, an organic food growing company, and a seasonal tree farm. The Site is identified as APNs 320-073-07 and -09, and 322-031-01, -12, -13, -14, -19, -21, and -24 in Orange County. A Site Vicinity Map is shown on Figure 1 and a Site Plan is shown on Figure 2.

### 2.1 Purpose

The purpose of Phase I ESA has been to identify and evaluate the presence of RECs at the Site, and to satisfy the All Appropriate Inquiry standard codified in 40 CFR Part 312. The term “RECs” as defined in ASTM *Standard Practice for Environmental Assessment: Phase I Environmental Site Assessment Process* (Designation: E 1527–13) means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include *de minimus* conditions that generally do not present a material risk of harm to public health or the environment, and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

### 2.2 Scope of Services

Northgate has performed the ESA in general conformance with the scope and limitations of ASTM E-1527-13, *Standard Practices for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and 40 CFR Part 312, *Standards and Practices for All Appropriate Inquiry – Final Rule*. This investigation was performed by Nicky Galloway, Project Engineer with oversight and review by Derrick Willis, Northgate Principal. Quality Assurance and quality control was conducted by Dennis Laduzinsky, Northgate Principal in charge of property transactions and brownfields redevelopment. The scope of work for the investigation included the following services:

- Review of readily available information regarding the history of the Site, including historic aerial photographs, maps, previous reports, and other information, and discussions with individuals familiar with the Site;
- Review of environmental lien documents obtained for the Site;



- A reconnaissance of the Site and near vicinity;
- Discussions with regulatory officials and review of regulatory agency publications and files, as applicable;
- Evaluation of RECs, development of conclusions and scope of work to evaluate potential on-Site contamination concerns; and
- Preparation of this report.

## **2.3 Limitations and Exceptions**

### ***2.3.1 Limitations***

The purpose of an environmental assessment is to reasonably evaluate the potential for, or actual impact of, past practices on a given site area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. No investigation is thorough enough to absolutely rule out the presence of hazardous materials at a given site. If hazardous conditions have not been identified during the assessment, such a finding should not be construed as a guarantee of the absence of such materials on the Site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Environmental conditions may exist at the Site that cannot be identified by visual observation. Where subsurface work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at un-sampled locations.

Except where there is express concern of our client, or where specific environmental contaminants have been previously reported by others, naturally occurring toxic substances, potential environmental contaminants inside buildings, or contaminant concentrations that are not of current environmental concern may not be reflected in this document.

Where the scope of services is limited to interview and/or review of readily available reports and literature, any conclusions and/or recommendations are necessarily based largely on information supplied by others, the accuracy or sufficiency of which may not be independently reviewed by Northgate.

Any opinions and/or recommendations presented apply to Site conditions existing at the time of performance of services. We are unable to report on, or accurately predict, generally



unforeseeable events that may impact the Site following performance of services, whether occurring naturally or caused by external forces. Therefore, we cannot assume responsibility for such events or their impact. We also cannot assume responsibility for changes in environmental standards, practices, or regulations.

### ***2.3.2 Exceptions***

The time intervals between some historical information sources may exceed five years due to the unavailability of such records. However, in our opinion, this data gap does not significantly impact our ability to evaluate historic land use conditions at the Site given the availability of other sources for this information.

At the time this report was prepared, no response to Northgate's request to review files had been received from the OCHCA, Environmental Division. This constitutes a data gap as defined in the ASTM Standard which could potentially impact our ability to evaluate environmental conditions at the Site. Northgate will issue an addendum to this report upon receipt of the files if information in the files changes the conclusions or recommendations provided in this report. There were no other limiting conditions.

## **2.4 User Reliance**

This report has been prepared for the exclusive use of Aera and their subsidiaries, affiliates, partner, partnerships, and lenders in evaluating environmental conditions at the Site. Others may not rely on the information contained in this report without the express written consent of Northgate.



### 3.0 SITE DESCRIPTION

#### 3.1 Site Location and Legal Description

The Site consists of 265 acres of land covering nine non-contiguous parcels located on the east and west sides of Valencia Avenue at the intersections with Lambert Road, Carbon Canyon Road, and Rose Drive in Brea, California, identified as the Brea 265 Property. For the purpose of this report, the Brea 265 Property has been divided into two separate properties for ease of geographic reference in describing historic Site operations, specific locations of potential environmental concerns, and current Site conditions. An overall Site Vicinity Map is shown on Figure 1 and a Site Plan with the property designations is shown on Figure 2. The properties are defined as follows:

- The 100-Acre Lease Property - The 100-Acre Lease Property consists of two parcels totaling 100 acres located west of Valencia Avenue. The property is split into northern and southern sections by Lambert Road. The area north of Lambert road includes APN 320-073-07 which is identified as 2601 Valencia Avenue. The area south of Lambert road includes APN 320-073-29 which is identified as 2501-2811 Valencia Avenue. This property is developed with an active oil production field and agricultural operations including a nursery and an organic food growing business.
- The 165-Acre Lease Property - The 165-Acre Lease Property consists of seven contiguous parcels located east of Valencia Avenue, south of Carbon Canyon Road, north of Blake Road, and northeast of Rose Drive. It includes APNs 322-031-01, -12, -13, -14, -19, -21, and -24. There are no street addresses associated with the 165-Acre Lease Property.

#### 3.2 Site Vicinity General Characteristics

The Site consists of approximately 265 acres of land developed with active oil fields and oil production facilities, and agricultural related businesses. The Site is located in an area of mixed residential and industrial development, including oil production operations.

#### 3.3 Geology and Groundwater

##### 3.3.1 Geology

The Site is located in the Peninsular Range geomorphic province, and within the Los Angeles physiographic basin. It is near the southern flank of the Puente Hills, which form the northeastern border of the Los Angeles Basin locally. The Puente Hills are part of the Puente Block, an elevated fault block located between the Whittier fault zone to the south and Chino



fault zone to the east and north. The Whittier fault zone is a right-lateral strike-slip fault with some reverse slip located approximately 2,500 feet northeast of the Site. Movement along the Whittier fault zone is Holocene in age (10,000 years ago to the present), and largely responsible for the uplift of the Puente Hills (SCEC, 2003).

The Puente Hills are underlain by an assemblage of approximately 16,000 feet of Cenozoic rocks overlying a Mesozoic basement of granitoid plutonic rocks that contain foliated greenschist. Exposed bedrock near the Site consists of marine clastic sedimentary rocks of the Upper Miocene Puente Formation that was laid down over thin Cretaceous age igneous basement (Yerkes, 1965).

The Puente Formation is composed of fine-grained turbidite, flysch, and ash deposits high in organic material. The high heat flow emanating through the thin basement complex facilitated conversion of the organics to petroleum. The fine-grained source sediments underwent diagenesis and cementation to become the relatively impermeable bedrock exposed in the core of the Puente Hills today. The Puente Formation is overlain by the lower and upper members of the Pliocene Age Fernando Formation.

The Fernando Formation is a marine mudstone, siltstone, and sandstone. Rocks exposed near the Site consist of marine clastic rocks of the Sycamore Canyon Member, the uppermost member of the Fernando Formation (Yerkes, 1972). The partial section of the Sycamore Canyon Member exposed south of the Whittier fault zone consists of thick-bedded, coarse-grained to pebbly sandstone that contains two zones of hard limy concretions.

Subsidence and deposition continued in the Los Angeles Basin through Pliocene times, with the margin of the basin exposed in the Puente Hills. At the end of the early Pleistocene, the marine shoreline was near the Puente Hills, and alluvial fans and terrace deposits accumulated in the area. In the Site vicinity semi-consolidated poorly sorted earthy and clayey gravel, sand, and silt were deposited in marine terraces and non-marine alluvial fans during the Late Pleistocene, and erosion of those deposits produced Quaternary to recent alluvium that blanket the lowlands.

Soils exposed at the Site are mapped as Quaternary marine terrace deposits. Localized areas of the Site contain lenses of fill placed for oil field roadways and drill pads (Morton 1981 and 2004).

### **3.3.2 Groundwater**

The Site is located on the northern edge of the Coastal Plain of Orange County, a sub-unit of the Central Plain of the Orange County Groundwater Basin. The Orange County Groundwater Basin



is a northwest-trending elliptical syncline filled with alluvium. The syncline is bounded by the Puente Hills and Whittier Fault to the northeast, the Santa Ana Mountains and San Joaquin Hills to the southeast, and the Newport-Inglewood Fault to the southwest.

The Site is located within the Forebay area of the Orange County Groundwater Basin, in the Yorba Linda subbasin. The Yorba Linda subbasin has very little groundwater pumping due to the high total dissolved solids concentrations and low transmissivity (Warne, 1961).

Groundwater from the subbasin flows southward into the main groundwater basin since the limited groundwater production is less than the natural replenishment from the Chino Hills.

The topography of the Site is gently sloping with drainage flowing primarily to the south in various natural drainages that eventually run to storm drains, channels, or seasonal streams. Near the ground surface, groundwater generally exists in zones beneath the arroyo drainages, or as discontinuous perched water zones in the sediments.

According to the Orange County Water District groundwater elevation contours in the Principal Aquifer zones map (June 2014), the principal aquifer zone is presently at approximately 280 feet bgs in the Site vicinity (Woodside, 2015). The principal aquifer zone is where most of the groundwater production occurs in the Site vicinity. At a corrective actions site located approximately one mile southeast of the Site, in March of 2006 the average depth to groundwater beneath the former Arco service station site was approximately 88 feet below ground surface, and the groundwater flow direction was to the southwest at a gradient of 0.02 feet per foot (DEC, 2006).

### **3.4 Current Use of the Property**

The Site is primarily developed as an active oil production field. Portions of the Site are utilized for agricultural operations including a nursery, an organic food growing business, and a seasonal tree farm. The remainder of the Site is occupied by dirt roads and vacant land.

### **3.5 Description of Structures, Roads, Sewage, and Potable Water Sources**

The Site is currently developed with approximately 104 oil wells, some of which are still operational, three oil field injection wells, a vapor recovery system, a dehydration unit, a production unit with a tank farm, and associated pipelines and manifolds. Several temporary greenhouse structures are present on the 100-Acre Lease Property for the agricultural operations. All roads throughout the Site are unpaved dirt roads. No water or sewage connections are present at the facility.



### 3.6 Current Uses of Adjoining Properties

The Site is bordered to the north, northwest, and northeast by mixed use residential development constructed in the 1990s and 2000s on land formerly occupied by active oil field operations. The Olinda Alpha landfill is located approximately 0.60-miles north of the Site. To the east, the Site is bordered by land associated with the Carbon Canyon Dam flood control area and the Carbon Canyon Regional Park. A school, a sports park, and an electrical substation followed by East Birch Street then industrial businesses are located to the south of the 100-Acre Lease Property. Rose Drive and Blake Road followed by residential development border the 165-Acre Lease Property to the south. The Site is bordered to the west by residential development constructed in the 1980s, which was formerly utilized for agricultural purposes and oil fields.





## **4.0 USER PROVIDED INFORMATION**

### **4.1 Environmental Liens or Activity and Use Limitations**

Two Preliminary Title Reports for the property, prepared for Aera Energy by First American Title Insurance Company dated March 14, 2002 and November 24, 2008, were provided for Northgate's review. These documents indicate the presence of numerous easements, agreements, rights of way, leases and licenses primarily related to oil field operations such pipelines, oil transport, construction, utilities and maintenance. However, no specific environmental liens related to current or historic environmental conditions or other related use limitations are included in the Exclusions sections of the reports. The property is not listed on the LEINs or LIENS2 regulatory databases. Copies of the title reports are provided in Appendix A.

Northgate was not provided with any information indicating that the property value of the Site has been reduced due to environmental issues.

### **4.2 Specialized Knowledge**

Mr. Rich Knowland of Brook Street completed a questionnaire regarding Brooks Street's general knowledge of the Site. Mr. Knowland has been associated with the Site for approximately five months. He is not aware of any cleanup liens against the Site; however, he is aware that the Site has land and activity use limitations as a result of the active oil field operations. Mr. Knowland noted that he is aware of residual oil sumps, seeps, and chemical use at the Site as a result of the current and historic oil field operations. He is not aware of any cleanup activities, chemicals stored at the Site, or litigation relevant to hazardous substances at the Site. Mr. Knowland indicated that he is not aware of any assessment reports for the Site, except for reports regarding hydrogeologic conditions that were provided to Northgate for review. A copy of the questionnaire is provided in Appendix B.

### **4.3 Reason for Performing the Phase I ESA**

The Phase I ESA was conducted to provide information on the environmental conditions of the property in support of the preparation of an environmental impact report and Site development.



## 5.0 RECORDS REVIEW

### 5.1 Standard Environmental Record Sources

To determine if the Site has documented environmental concerns, or if other sites with documented environmental concerns exist within the search radii of the Site prescribed by ASTM 1527-13 and *All Appropriate Inquiry*, Northgate reviewed a summary of regulatory agency databases prepared by Environmental Data Resources, Inc. (EDR). In addition, where appropriate, we reviewed local regulatory agency files for additional specific information regarding sites identified in the EDR report judged to be of possible concern to the subject Site. The EDR report presenting a summary of the agency databases reviewed and a map showing the location of the identified sites is provided as Appendix C (EDR, 2017a). The results of the database search and follow-up agency file review are summarized below.

Copies of information obtained from the agency file reviews for the Site are included in Appendix D. A Current and Historic Site Features Map for the 100-Acre Lease Property is shown on Figure 3 and a Current and Historic Site Features Map for the 165-Acre Lease Property is shown on Figure 4.

#### 5.1.1 Site

The Site is listed on the LUST, UST, Historic UST, UIC, ERNS, and HAZNET regulatory databases. The LUST, UST, Historic UST, and ERNS database listings are associated with the 100-Acre Lease Property at 2701 Valencia Avenue, and historic operators Shell Service Station and Shell Western Oil. Available information indicates that three USTs were formerly present on the 100-Acre Lease Property, including a 555-gallon gasoline UST, a 555-gallon diesel UST, and a 1,000-gallon gasoline UST. The LUST database refers to soil at the Site was impacted by the release of diesel fuel, additives, and gasoline from one or more of the USTs. A previous Phase I ESA prepared for the Site (GeoSoils, 1992) indicated that soil was locally impacted beneath the tanks by benzene at depths up to 90 feet bgs. No soil excavation or other remediation was performed in connection with the release. The case received regulatory closure from the OCHCA in 1991 as contamination was explored, characterized, and left in-place as an OCHA-approved no-action alternative.

The Site is also listed on the UIC database related to the presence of both plugged and active/inactive injection wells associated with oil field waste water disposal and other oil field operations.



The Site is also listed on the HAZNET database related to the storage, bulking, and off-Site transfer of approximately seven tons of unlisted product in 2012. This listing is identified at 2843 Valencia Avenue and refers to the Southern California Edison transformers located on the northwester portion of the 165-Acre Lease Property.

The EDR database report in Appendix C includes a WMUDS/SWAT database listing for “Landfill Condensate” associated with the Olinda Alpha Landfill, located at the intersection of Valencia and Carbon Canyon Road. It should be noted that the WMUDs database tracks a variety of waste inventory management unit information; it is not presently clear whether this listing refers to waste removed from that Site or wastes that have been disposed of at that Site. Our discussion with an Orange County Waste and Recycling department representative indicated that there are no Olinda Alpha landfill operations at that location. The representative suggested that the intersection may be a connection point for a landfill condensate discharge line with the main sanitary sewer. No further information was available.

### *5.1.2 Off-Site Sources*

The regulatory agency database search prepared by EDR indicates the presence of 81 agency-listed sites located within an approximate one-mile radius of the Site. The EDR database report containing a list of the agency databases searched is attached in Appendix C. Facilities with documented releases impacting groundwater located within 0.25 mile upgradient and/or cross-gradient of the Site, or otherwise judged to be of potential impact to soil, soil vapor, or groundwater quality at the Site, are summarized in the table on the following pages.



Property Name	Agency Database	Location Relative to Site	Potential Environmental Concern
Carbon Canyon Rd. Widening Project - Valencia Avenue and Carbon Canyon Road, Brea	ENVIROSTOR	Adjacent to the north (upgradient) of the Site	<p>This facility was listed on the Envirostor database as of 2001 as referred to a local agency. No additional information was available.</p> <p>Given the apparent purpose of this project for road widening and the lack of documented impacts, this facility does not appear to represent a potential threat to soil, soil vapor, and/or groundwater quality at the subject Site.</p>
Santa Fe Energy Company - 17001 Carbon Canyon Road, Brea	LUST, RCRA SQG, Hist. UST, SWEEPS,UST, CA FID UST, UST, EMI, Hist. CORTESSE, and ENVIROSTOR	Approximately 25 feet north and east (upgradient) of the Site	<p>This facility was identified as an oil field property and a LUST facility with a reported release of gasoline impacting soil. A closure letter from 1996 indicated that soil excavation and removal was conducted to remediate the impacts prior to receiving regulatory closure. No additional information was available for this facility. This property was partially redeveloped in the late 1990s as a large residential complex.</p> <p>Given the regulatory closure of the facility and the current residential development, there is no direct evidence that this facility appears to represent a potential threat to soil, groundwater, and/or soil vapor quality at the subject Site, but little information is available.</p>
Olinda Ranch Elementary School – 17001 East Carbon Canyon Road, Brea	ENVIROSTOR, and SCH	Approximately 25 feet north and east (upgradient) of the Site	<p>This facility was listed on the Envirostor database as part of an oil field property that historically consisted of sumps, containment areas, wells, and pipelines. A Phase I and Phase II report was prepared for this facility in 1995. A Remedial Action Plan was prepared under the oversight of the OCHCA in 1999. After Department of Toxic Substances Control (DTSC) reviewed the facility information and recommended preparation of a Preliminary Endangerment Assessment in 2000, the decision was made not to proceed with the development of this project and no further investigations were conducted.</p> <p>Given that this project was not developed, and this area is known to have received regulatory closure and then subsequently redeveloped as a residential development, as described above, this facility does not appear to represent a potential threat to soil, groundwater, and/or soil vapor quality at the subject Site.</p>



Property Name	Agency Database	Location Relative to Site	Potential Environmental Concern
3678 Pheasant Lane, Brea	Hist. Cleaners	Approximately 215 feet north and east (upgradient) of the Site	This facility is listed as an EDR historic dry-cleaning facility for the year 2008. No other regulatory listings are included for this location. Based on the regulatory information reviewed, it appears unlikely that dry cleaning was performed at this location. Therefore, this facility does not appear to represent a potential threat to soil, groundwater, and/or soil vapor quality at the subject Site.
Columbia Sterns Middle School – Lambert Road and Valencia Avenue, Brea	ENVIROSTOR, and SCH	Adjacent to the east (up to cross-gradient) of the 100 Acre Lease portion of the Site	This facility is listed on the Envirostor database as a former oil field property that would have required DTSC oversight. No reports were on file with the exception of an agreement with DTSC to investigate the property. The facility has been listed as inactive since 2002. No other information was provided.  Given that the land use of this facility is the same as the subject Site and unlikely to impact the Site more than historic Site operations, this facility does not appear to represent a significant threat to soil, groundwater, and/or soil vapor quality at the subject Site.
Tonner Hills Apartment Homes/Tonner Hills SSP - Lambert Road and Valencia Avenue, Brea	NPDES UIC	Adjacent to the north and northwest (upgradient) 100-Acre Lease portion of the Site.	This facility was identified on the NPDES database in 2008 related to the construction of an apartment portion of an existing subdivision. The facility was listed on the UIC database for an undated report of a plugged flood well that appears to be related to the construction of the apartments. No other information was provided.  Based on the information available and the current residential development at the facility, it does not appear to represent a threat to soil, groundwater, and/or soil vapor quality at the subject Site.
Carbon Canyon Regional Park - 4422 Carbon Canyon Road, Brea	Historic UST and HAZNET	Adjacent to the east (up to cross-gradient) of the 165-Acre Lease portion of the Site	This facility was identified on the Historic UST database for a 1,000-gallon UST containing fuel that was installed in 1977. Orange County was listed as the owner of the UST in 1988. The facility was also listed on the HAZNET database for a hazardous waste manifest of asbestos containing material. No additional information was available for this listing.  Based on the information available and the current development at the facility, it does not appear to represent a threat to soil, groundwater, and/or soil vapor quality at the subject Site.



Property Name	Agency Database	Location Relative to Site	Potential Environmental Concern
Beckman Data Center - 3300 East Birch Street, Brea	UST, CA FID UST, LUST, SWEEPS UST, Hist. UST, and NPDES	Approximately 1,000 feet south (downgradient) of the Site	The facility was listed on the UST databases for two active 12,000-gallon diesel fuel USTs installed in 1980. During UST removal activities in 1985, soil impacted with diesel were encountered. The LUST listing received regulatory closure from the OCHCA in 1990 after soil excavation activities were completed. The NPDES database listing refers to construction activities in 2015. No other information was available for the facility. Given the downgradient location and the regulatory closure status of the facility, it does not appear to represent a threat to soil, groundwater, and/or soil vapor quality at the subject Site.
Brea-Olinda Sanitary Landfill	EMI	Approximately 0.50- miles north-northeast (upgradient) of the Site	This facility was identified on the EMI database for air quality releases of organic gases. No other information was provided. Given the upgradient location of this facility and the drainage path traversing north to south through the Site that is reported to have runoff from the landfill, this facility may present a potential threat to soil, groundwater, and soil vapor quality at the subject Site.



## 5.2 Additional Environmental Record Sources

Northgate contacted local regulatory agencies for information regarding the use or storage of hazardous materials at the Site, and reviewed files at any agency maintaining a file for the subject Site. The following agencies were contacted for information regarding the use or storage of hazardous materials at the Site:

- DTSC EnviroStor Website;
- State Water Resources Control Board (SWRCB) GeoTracker Website;
- National Pipeline Mapping System (NPMS);
- OCHCA, Environmental Health;
- Brea Fire Department;
- Orange County Fire Authority; and
- California Division of Oil, Gas, and Geothermal Resources (DOGGR).

The results of our review are described in the following sections.

### 5.2.1 DTSC EnviroStor Website

The Site was not listed on the EnviroStor website.

### 5.2.2 SWRCB GeoTracker Website

The Site was listed on the GeoTracker website for releases from gasoline and diesel USTs impacting soil at the Site. The listing identifies Shell Western Oil Products as the responsible party for the release referenced at 2701 Valencia Avenue. The release was reported in 1988 and received regulatory closure from the Orange County Local Oversight Program and the Regional Water Quality Control Board on August 20, 1991. No further information was available, and no reports or documents were available for review.

### 5.2.3 National Pipeline Mapping System (NPMS)

Northgate reviewed the NPMS on-line mapping system for the subject Site. Three active pipelines were identified to abut or traverse the Site. The first pipeline is owned and operated by Exxon-Mobil and is listed to contain gasoline. The pipeline originates at the intersection of Valencia Avenue and Lambert Road and extends to the west along or beneath Lambert Road. A second gasoline transmission pipeline owned and operated by Exxon-Mobil begins at the same intersection and extends to the east along or beneath Carbon Canyon Road before turning south at the eastern boundary of the Site and continuing south to the southeastern corner of the Site near Blake Road and Rose Drive. The third pipeline is owned and operated by Southern California Edison and is listed to contain natural gas. The pipeline is listed on or abutting the



Site and traverses the southern tip of the Site at Rose Drive. No accidents or incidents are identified for the pipelines at the Site or in the vicinity of the Site. The presence of these pipelines represents a potential environmental threat to the soil, groundwater, and/or soil vapor quality at the subject Site.

#### ***5.2.4 OCHCA, Environmental Health***

Northgate submitted a file review request to the OCHCA. However, at the time this report was prepared, no response had been received. Upon receipt, if the review of the files changes the conclusions and recommendations provided, Northgate will issue an addendum to this report.

#### ***5.2.5 Brea Fire Department***

Northgate submitted a request to the City of Brea, Fire Department using electronic mail. The agency referred Northgate to the OCHCA for records regarding the use, storage, or release of hazardous materials at the Site.

#### ***5.2.6 California Division of Oil, Gas, and Geothermal Resources***

Information available on the California DOGGR web site indicates that over 100 active, closed, and abandoned oil and gas wells are located on the Site. Additional wells are located to the north, south, and west of the Site.

According to the EDR GeoCheck® - Physical Setting Source Addendum, located in the Radius report (Appendix C), over a hundred oil and gas wells are located on the Site and 745 others are located within 1-mile of the Site; generally to the north of the Site.

### **5.3 Other Environmental Issues**

Northgate performed a reconnaissance-level evaluation of other environmental issues, as outlined in Section 13.1.5 of ASTM E1527-13.

#### ***5.3.1 Floodplain Maps***

Northgate viewed an online version of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Maps #06059C0061J and #06059C0062J each with effective date of December 3, 2009. According to the FIRM, the majority of the Site is located in Flood Zone X – areas determined to be outside the 0.2% chance floodplain with the exception of a narrow channel identified as Carbon Canyon Channel that traverses the southern tip of the property. This channel is listed as Zone A with a 1% annual chance flood discharge contained in channel.





### 5.3.2 Radon

The California Department of Health Services (DHS) online list of indoor radon levels indicates that two samples, radon concentrations from five indoor air samples collected in zip code area 92823 were greater than 4.0 pico-curies per liter (pCi/L) (DHS, 2010). No data was included for the portion of the Site with the zip code of 92821. According to the EDR Radius Report (Appendix C), the federal Environmental Protection Agency (EPA) radon zone for Orange County is Zone 3 (indoor average level less than or equal to 4 pCi/L).

The State of California Division of Drinking Water and Environmental Management maintains a database of radon test results indicating that out of 30 samples collected in Orange County, all of the reported sample results in the living area-first floor were less than 4 pCi/L. The DHS and the EPA recommend that some form of mitigation be conducted for houses with indoor radon concentrations of 4 pCi/L or greater.

These results indicate that radon gas may constitute a potential environmental concern at the Site.

### 5.4 Land Use History

Information on historical land use at the Sites and adjacent area was evaluated by reviewing historic aerial photographs, maps, and other documents. A summary of our investigation findings is presented below.



### 5.4.1 Aerial Photographs

Northgate reviewed historic aerial photographs of the Sites from 1938, 1946, 1952, 1963, 1972, 1977, 1989, 1995, 2005, 2009, 2010, and 2012 obtained from EDR (EDR, 2017b). Copies of the aerial photographs are provided in Appendix E. A summary of our aerial photograph review is presented below.

<b>Year:</b> 1938	<b>Scale:</b> 1" = 1,000'	<b>Source:</b> USDA
<b>Site Description:</b>		
<p><u>100-Acre Lease Property:</u> This property is shown as primarily developed as an oil field with multiple oil wells and dirt roads. An oil processing area is present in the central portion of the property with three sumps in the area. An additional sump is shown to the south of the oil processing area and two additional sumps are present in the southwestern corner of the property. Multiple structures are present on the northern portion of this property.</p>		
<p><u>165-Acre Lease Property:</u> This property is shown as primarily vacant land with several oil wells in the northern portion of the property. Multiple sumps are present throughout the central and southern portions of this property. A large pond or "sump" is located across the southwestern boundary of the property. A road is present in the northwestern portion of the property.</p>		
<p><u>Vicinity:</u> The area located north of the Site is shown as operating oil fields. Agricultural and vacant land is present to the east, south, and west of the Site.</p>		

<b>Year:</b> 1946	<b>Scale:</b> 1" = 1,000'	<b>Source:</b> USGS
<b>Site Description:</b>		
<p><u>100-Acre Lease Property:</u> This property appears similar to the 1938 photograph except that the oil processing area is no longer present in the central portion of the property and a small orchard is now present to the west of this area. Sumps are still present in the southern portion of this property.</p>		
<p><u>165-Acre Lease Property:</u> The northern and portions of the property is shown as an operating oil field with multiple oil wells and dirt roads throughout the area. The southern portion of the Site is shown as vacant land. The pond/sump located across the southwestern boundary of the property has reduced in size.</p>		
<p><u>Vicinity:</u> The vicinity appears similar to the 1938 photograph except that oil field operations to the north of the Site appear to have expanded. Valencia Avenue is now present between the two properties.</p>		



<b>Year:</b> 1952	<b>Scale:</b> 1" = 1,000'	<b>Source:</b> USDA
<b>Site Description:</b>		
<u>100-Acre Lease Property:</u> This property appears similar to the 1946 photograph.		
<u>165-Acre Lease Property:</u> This property appears similar to the 1946 photograph.		
<u>Vicinity:</u> The vicinity appears similar to the 1946 photograph.		

<b>Year:</b> 1963	<b>Scale:</b> 1" = 1,000'	<b>Source:</b> USGS
<b>Site Description:</b>		
<u>100-Acre Lease Property:</u> This property appears similar to the 1946 photograph except that a nursery is now shown on the northwestern portion of this property.		
<u>165-Acre Lease Property:</u> This property appears similar to the 1946 photograph.		
<u>Vicinity:</u> The vicinity appears similar to the 1946 photograph except that the Carbon Canyon Road is now partially completed to the east of the Site and the Carbon Canyon Dam is under construction east of the road. The pond/sump across the southwestern boundary of the 165-Acre Lease Property is no longer present and Rose Road is under construction in this area.		

<b>Year:</b> 1972	<b>Scale:</b> 1" = 1,000'	<b>Source:</b> USGS
<b>Site Description:</b>		
<u>100-Acre Lease Property:</u> This property appears similar to the 1963 photograph except that the nursery in the northwestern portion of this property has expanded and includes orchards areas. A tank farm is now shown in the central area of the southern portion of this property in the location of the dehydration unit. Sumps are present to the east of this area.		
<u>165-Acre Lease Property:</u> This property appears similar to the 1963 photograph except that a tree farm is now shown in the southern portion of this property.		
<u>Vicinity:</u> The vicinity appears similar to the 1963 photograph except that residential development has expanded in the vicinity of the Site.		



<b>Year:</b> 1977	<b>Scale:</b> 1" = 1,000'	<b>Source:</b> Brewster
<b>Site Description:</b>		
<u>100-Acre Lease Property:</u> This property appears similar to the 1972 photograph.		
<u>165-Acre Lease Property:</u> This property appears similar to the 1972 photograph except that agricultural areas in the western portion of this property have expanded.		
<u>Vicinity:</u> The vicinity appears similar to the 1972 photograph except that Carbon Canyon Road has been fully constructed and extends from Valencia Avenue to the east along the northern boundary of the 165-Acre Lease Property.		

<b>Year:</b> 1989	<b>Scale:</b> 1" = 1,000'	<b>Source:</b> USDA
<b>Site Description:</b>		
<u>100-Acre Lease Property:</u> This property appears similar to the 1977 photograph.		
<u>165-Acre Lease Property:</u> This property appears similar to the 1977 photograph except that agricultural operations in the southern portion of the 165-Acre Lease Property have expanded.		
<u>Vicinity:</u> The vicinity appears similar to the 1977 photograph except that Lambert Road has been constructed through the 100-Acre Lease Property and connects to Carbon Canyon Road at Valencia Avenue. Extensive residential development is now shown to the west. Industrial development has expanded to the south of the 165-Acre Lease Property along Birch Street.		

<b>Year:</b> 1995	<b>Scale:</b> 1" = 500'	<b>Source:</b> USGS
<b>Site Description:</b>		
<u>100-Acre Lease Property:</u> This property appears similar to the 1989 photograph.		
<u>165-Acre Lease Property:</u> This property appears similar to the 1989 photograph.		
<u>Vicinity:</u> The vicinity appears similar to the 1989 photograph.		



<b>Year:</b> 2005	<b>Scale:</b> 1" = 500'	<b>Source:</b> USDA/NAIP
<b>Site Description:</b>		
<u>100-Acre Lease Property:</u> This property appears similar to the 1995 photograph.		
<u>165-Acre Lease Property:</u> This property appears similar to the 1995 photograph except that the agricultural operations appear to have reduced.		
<u>Vicinity:</u> The oil fields located to the north of the Site have been redeveloped as a large residential neighborhood. A substation is under construction to the south of the 100-Acre Lease Property.		

<b>Year:</b> 2009 & 2010	<b>Scale:</b> 1" = 500'	<b>Source:</b> USDA/NAIP
<b>Site Description:</b>		
<u>100-Acre Lease Property:</u> This property appears similar to the 2005 photograph except that a nursery is now present in the portion of the property located north of Lambert Road. The former plants and nursery located south of Lambert Road have reduced and this area is primarily shown as vacant land.		
<u>165-Acre Lease Property:</u> This property appears similar to the 2005 photograph.		
<u>Vicinity:</u> The vicinity appears similar to the 2005 photograph except that sports fields are now present to the south of the 100-Acre Lease property. Industrial and residential development has expanded to the south and southeast of the Site.		

<b>Year:</b> 2012	<b>Scale:</b> 1" = 500'	<b>Source:</b> USDA/NAIP
<b>Site Description:</b>		
<u>100-Acre Lease Property:</u> This property appears similar to the 2010 photograph.		
<u>165-Acre Lease Property:</u> This property appears similar to the 2010 photograph.		
<u>Vicinity:</u> The vicinity appears similar to the 2010 photograph except that a residential development is now shown to the north of the 100-Acre Lease Property beyond the nursery operations. The property to the southwest of the Site is shown as vacant graded land with no evidence of ponds or standing water.		

The aerial photographs show that both the 100- and 165-Acre Lease properties were developed as oil fields as early as 1938. The oil field operations included visible sumps areas observed on both properties. Sumps are identified at the Site as unlined areas historically utilized for the storage of waste oil and oil field related waste liquids. An oil processing area is shown in 1938 on the 100-Acre Lease Property that was not shown after 1946. The dehydration unit is shown in



1972 in the central portion of the 100-Acre Lease Property. The southern portion of the 165-Acre Lease Property has historically been shown as vacant and/or agricultural land.

#### 5.4.2 Sanborn Maps

EDR has indicated that Sanborn map coverage is not available for the Site.

#### 5.4.3 Topographic Maps

Northgate reviewed historic topographic maps for the Site obtained from EDR for the years 1896, 1898, 1901, 1902, 1925, 1928, 1935, 1942, 1949, 1950, 1964, 1972, 1981, and 2012. Copies of the topographic maps are provided in Appendix F (EDR, 2017c). Information from the topographic maps is summarized below.

<b>Quadrangle:</b> Anaheim		<b>Scale:</b> 1:62,500	<b>Series:</b> 15 Minute
1896-1901:	The Site is shown as vacant land. No roads or development are present through the Site or in the vicinity. A stream traverses the northeast corner of the Site. Placentia is mapped to the southwest of the Site and Olinda is mapped to the northeast of the Site. A railroad is shown to the southeast and through the northeastern corner of the Site in 1901. A road is mapped through the central portion of the Site in 1901.		
<b>Quadrangle:</b> Corona		<b>Scale:</b> 1:125,000	<b>Series:</b> 30 Minute
1902:	The Site and vicinity appear similar to the 1901 map.		
<b>Quadrangle:</b> La Brea		<b>Scale:</b> 1:24,000	<b>Series:</b> 7.5 Minute
1925-1928:	The Site and vicinity are unmapped at this time.		
<b>Quadrangle:</b> Olinda		<b>Scale:</b> 1:31,680	<b>Series:</b> 7.5 Minute
1935:	The northern portion of the 100-Acre Lease Property is improved with multiple structures including a row of buildings along a roadway. A smaller sump is present in the central portion of the 165-Acre Lease Property and a large pond or sump is mapped in the southwestern portion of the property and extends off-Site to the southwest. A creek traverses the southeastern corner of the 165-Acre Lease Property. Olinda Boulevard is mapped to the south of the 100-Acre Lease Property and a road in the location of the present day Valencia Avenue is now present. The Pacific Railroad is mapped to the southwest of the Site and a reservoir is mapped farther southwest.		



<b>Quadrangle:</b> Anaheim		<b>Scale:</b> 1:50,000	<b>Series:</b> 15 Minute
1942:	The 100-Acre Lease Property is shown as fully developed with oil wells and several roads. The northwestern portion of the 165-Acre Lease Property is also developed with oil wells. A stream is present through the central portion of this property traversing from north to south and another creek traverse the southeastern corner of the Site. The remainder of the property is shown as vacant land. Oil wells are mapped to the north of the Site. Agricultural orchards are mapped to the southwest of the 100-Acre Lease Property. Oil wells are mapped farther south of the Site beyond the railroad line. Two schools are mapped to the east of the Site.		
<b>Quadrangle:</b> Yorba Linda		<b>Scale:</b> 1:24,000	<b>Series:</b> 7.5 Minute
1949-1950:	The Site and vicinity appear similar to the 1942 map except that the pond or sump in the southwestern portion of the 165-Acre Lease Property is now labeled as an oil sump. The oil fields to the north of the Site are now identified as the Olinda Oil Field.		
1964:	The Site and vicinity appear similar to 1950 except that Rose Road is now present along the southwestern perimeter of the 165-Acre Lease Property. Orchards are now mapped on the central portion of the 100-Acre Lease Property and on the southern portion of the 165-Acre Lease Property. Industrial development is now shown to the south of the Site.		
1972:	The Site and vicinity appear similar to the 1964 map except the Carbon Canyon Dam with a spillway, gauging station, and aqueduct are mapped immediately east of the Site.		
1981:	The Site appears similar to the 1972 map except that Lambert Road is now shown to connect to Carbon Canyon Road through the northern portion of the Site at Valencia Avenue. Large residential and industrial developments are now mapped further to the west and south of the Site.		
2012:	The Site and vicinity are shown mapped without any marked characteristics. Carbon Canyon Creek is shown as a wet area to the east of the Site. Residential development is now mapped immediately to the north and west of the Site. The vicinity is shown as urban development.		

The Site is shown as vacant land prior to the 1930s, at which time it was shown developed as oil fields that included several oil sump areas across both the 100- and 165-Acre Lease Properties. Agricultural use is identified at the Site starting in the 1930s. A stream channel is shown through the central portion of the 100-Acre Lease Property starting in the 1930s. The Site use remains relatively unchanged to the present.

#### 5.4.4 City Directories

Northgate reviewed a summary of local city directory listings for the Site and vicinity (specifically Valencia Avenue), available at approximate five year intervals from 1972 to 2013, obtained from EDR. A copy of the EDR city directory search is provided in Appendix G



(EDR, 2016d). Limited address listings were available for the Site and vicinity. The Site was only identified in the directory as 2601 Valencia Avenue. Getty Oil and “Babylon AP” were listed in 1972. Bergen Nursery was listed between 1975 and 2013. Crestmont Oil and Gas was listed at the Site between 1975 and 1985. Imperial landscaping was identified in 1975 and L&J Backhoe Services was listed in 1985. Professional Growers, Inc., an apparent food growing company, was listed in 2003 and Olinda nursery was identified at the Site in 2008. No other listings were identified; however, the Site was known to be developed and occupied since the 1920s as an oil well field initially under the ownership and operation of Shell Oil Company. Listings adjacent to the Site and in the vicinity include individuals, nurseries, horse farm, oil companies, trucking and office listings.

## 5.5 Interviews

During the Site reconnaissance Northgate interviewed Mr. Michael Klancher of Aera who has been associated with the Site for many years. Mr. Klancher indicated that the Site has historically been occupied by oil field operations initially under the ownership and operation of Shell Oil Company, but now operated by Linn Operating Company. Mr. Klancher indicated that the Site is developed with a number of operating and idle oil wells, some injection wells, a dehydration unit, a vapor recovery system, and a production unit with a tank farm. He also reported that the drainage channel present in the central portion of the 100-Acre Lease Property has been observed to flow with liquid, even during non-rain events, that reportedly appears to be originating from the off-Site and upgradient Olinda Alpha Landfill. Mr. Klancher provided Northgate with copies of maps and reports available for the Site as discussed in Section 5.6 below.

## 5.6 Previous Reports

Northgate reviewed a prior Phase I ESA report covering a portion of the Site prepared by GeoSoils, Inc. (GeoSoils) on behalf of the Site owner and operator, Shell Western E&P, Inc., dated July 20, 1992. The report did not include the 100-Acre Lease Property and included a strip of land to the north of the 165-Acre Lease Property across Carbon Canyon Road that is not part of the subject Site for this ESA. The GeoSoils report identified issues associated with the oil field use on the 165-Acre Lease Property that included petroleum hydrocarbon staining, possible methane and hydrogen sulfide gas in the area around the holding tanks, and historic oil sumps. The report concluded that the Site facilities and oil wells would require abandonment prior to development and recommended that a Phase II ESA be conducted to characterize the nature and extent of potential contamination.





The GeoSoils report also identified the removal of two diesel USTs on the 100-Acre Lease Property at the northwestern corner of Valencia and Lambert Road. A release incident was reported for one of these USTs in 1989 and soils were reported to have been impacted to a depth of about 90 feet bgs. One boring advanced at the Site encountered benzene at a concentration of 3 ppm in soil samples collected at 90 feet bgs. The boring was advanced to 190 feet bgs and groundwater was not encountered. No cleanup actions were reported, and the incident received regulatory closure from the OCHCA on August 20, 1991. The second UST was removed in 1990 and a removal report dated December 10, 1990 indicated that no evidence of a release was reported during removal and testing activities.



## 6.0 SITE RECONNAISSANCE

Current Site conditions were observed during a reconnaissance of the Site and near vicinity by Ms. Nicky Galloway of Northgate on February 16 and 21, 2017. Site photographs from the reconnaissance are attached at the end of this report. Site features observed during the reconnaissance as well as historic Site features are depicted on Figures 3 and 4.

### 6.1 Methodology and Limiting Conditions

The Site reconnaissance was performed by traversing the Site by motorized vehicle and on foot and the vicinity by motorized vehicle. There were no limiting conditions.

### 6.2 General Site and Vicinity Conditions

#### *6.2.1 Site*

The Site is located along Valencia Avenue at the intersections of Lambert Road, Carbon Canyon Road, and Rose Drive. The Site is developed with an active oil production field, a nursery, and a tree farm. The Site has been divided into two separate properties for ease of geographic reference in describing historic Site operations as summarized in the sections below. The designated Site properties are shown on Figure 2. A summary of the historic Site operations divided by parcel, including a description of the major features, the number of historic oil wells, and a list of observations associated with each feature is provided in Table 1.

#### **The 100-Acre Lease Property**

The 100-Acre Lease Property consists of two parcels totaling 100 acres of land located west of Valencia Avenue. The property is split into northern and southern sections by Lambert Road. The northern portion of the property is a dirt-covered lot that developed with 15 oil wells dispersed throughout the area. The eastern portion of the northern lot is occupied by a nursery that includes field plants and greenhouse operations. A drainage channel traverses the center of the lot from north to south with a drainage pipe extending beneath Lambert Road to connect to the continuation of the drainage channel through the southern portion of this property. The drainage channel is reported to originate at the upgradient Olinda Alpha Landfill. A fenced enclosure is present in the central portion of the northern lot with apparent storage structures located within the enclosure. A trailer and concrete pad from an apparent former structure are present to the west of this enclosure. An abandoned process tank labeled to formerly contain crude oil was present near these structures.



The southern portion of the 100-Acre Lease Property is a dirt covered lot that is primarily developed with oil field operations. Twenty-five oil wells are present throughout this area in a nearly grid-like pattern. Staining and oil build up was observed at many of the well heads. Significant staining of the soil surface around the well was observed at oil well 126, located along the eastern perimeter of the Site. One injection well is located in the southwestern corner of the property. The drainage channel from the northern lot continues through the central portion of the property and extends from the northern perimeter to the southern property line where it connects to a concrete lined drainage structure by the adjacent sports fields and school.

A vapor recovery system is located to the west and adjacent to the drainage channel just south of Lambert Road. Vapor recovery systems are typically composed of a scrubber, a compressor, and a switch that are primarily utilized to recover vapors that formed inside completely sealed crude oil or condensate tanks. The vapors are then sucked through the scrubber where recovered liquids are trapped and returned to liquid pipeline systems or tanks and recovered vapors are pumped into the gas lines. The vapor recovery system area at the Site includes an air compressor on a concrete pad, a 150-gallon tote of combustible liquid on a platform over secondary containment, a drip tank that was partially buried in the soil, a 55-gallon drum of gear oil that was approximately one quarter full, a motor located on soil, a scrubber, and a filter. Soil staining was observed in this area, primarily in the vicinity of the motor. Secondary containment structures were also observed to be approximately half full of rain water.

An operating dehydration unit is present to the east of the vapor recovery system beyond the drainage channel. A dehydration unit is typically utilized to remove water from the natural gas stream to meet the pipeline quality standards and typically uses triethylene glycol in the process. The dehydration unit includes an electric motor and a pump located on soil, a large AST labeled as empty, a former wash tank that contained combustible gas/oil/water, a sump located within secondary containment, an empty fiberglass AST on the soil, an AST in secondary containment that was listed as out of service, two heater treaters, an air compressor, a 55-gallon drum of gear oil, and a 100-gallon tote and a 110-gallon tote on a platform over soil without secondary containment. Staining was observed in the area, primarily in the vicinity of the concrete pad for the electric motors and pumps. The secondary containment structure around the former wash tank was observed to be broken. Secondary containment structures were also observed to be approximately half full of rain water.

Process pipelines were observed to traverse the open drainage ditch. Five manifolds are also present across this portion of the Site. These manifold structures are composed of an arrangement of piping and/or valves designed to control, distribute, and monitor fluid flows, which may include controlling well operations, treatment fluids, and crude oil flows. Three



transformers owned and operated by Southern California Edison are present within a fenced enclosure in the central portion of the Site near Valencia Avenue. No staining was observed around these transformers.

### **The 165-Acre Lease Property**

The 165-Acre Lease Property consists of seven contiguous parcels that are located east of Valencia Avenue. The property is bordered by Carbon Canyon Road on the north, Blake Road on the south, and Rose Drive on the southwest. This property is primarily covered by dirt and vegetation. The northern and central portions of this property are developed with 61 oil wells dispersed throughout the area and two injection wells. Six manifolds are also present throughout the Site. These manifold structures are composed of an arrangement of piping and/or valves designed to control, distribute, and monitor fluid flows, which may include controlling well operations, treatment fluids, and crude oil flows. Steam pipes are located throughout the property and are primarily located aboveground in the central portions of the property. Petroleum pipelines are also present throughout the property associated with the oil field operations. A fenced enclosure in the northwestern portion of the property contains Southern California Edison owned and operated transformers and electrical equipment. No staining was observed around these transformers.

The Brea Production Unit and Olinda Tank Farm is located in the central portion of this property. The unit and tank farm are operational and include a fin fan, two large ASTs for approximately 300 barrels of crude oil within secondary containment, motors within concrete containment, a compressor, and an air tank. A number of other tanks are also present in this area including two approximate 300-barrel ASTs for crude oil, two 200-gallon tanks, a 55-barrel tank containing approximately seven barrels labeled to contain clarifier water that appear to contain oil field waste water with residual quantities of oil removed during clarifier operations, a tank of “Techni Break,” a 110-gallon tote of combustible liquid, and a 165-gallon AST containing approximately 110 gallons of cooling water. The tanks were all located within secondary containment; however, the secondary containment structures were primarily uncovered and many of the areas were observed to be approximately half filled with rain water. An approximate 30-gallon container of clarifier water and a 55-gallon drum of clarifier water were observed in this area and were both approximately half full and located within secondary containment. Soil staining was observed in this area, primarily in the vicinity of the motors.

A carbon filtration tank area is present to the south of the Brea Production Unit and Olinda Tank Farm. This area is surrounded by a fenced enclosure and contains four large ASTs within secondary containment. Two of the tanks are labeled as carbon filtration and the other two tanks are labeled for clay filtration. An approximate 100-gallon tank containing hydrogen peroxide



and an approximate 45-barrel tank containing oxidizer are also present in this area within secondary containment structures. The secondary containment structure for the hydrogen peroxide tank was observed to be approximately half-filled with rain water and had a green sheen on the water surface.

A pipe and storage yard is present to the southeast of the tank farm. This area is soil-covered and currently utilized for the storage of pipes and scrap material, including oil well components. A concrete pad that appears to have been associated with a former tank farm or oil operating area is located to the south of the pipe and storage yard. Partially built secondary containment structures and some associated piping were observed in this area. No staining or surface indications of a release were observed in either area, but these areas appear to have been utilized for historic oil field operations.

The southern portion of this property is primarily vacant land covered by vegetation. A seasonal tree farm that grows pine trees is present in this area. A small, temporary structure occupied by a strawberry sales company is located in the southern most portion of this property. No pesticides were currently observed in this area; however, this portion of the Site has historically been occupied by agricultural operations that may have included the use of pesticides.

### ***6.2.2 Site Vicinity***

The Site is bordered to the north, northwest, and northeast by mixed use residential development constructed in the 1990s and 2000s on land formerly occupied by active oil field operations. The Olinda Alpha landfill is located approximately 0.60-miles north of the Site. To the east, the Site is bordered by land associated with the Carbon Canyon Dam flood control area and the Carbon Canyon Regional Park. A school, a sports park, and an electrical substation followed by East Birch Street then industrial businesses are located to the south of the 100-Acre Lease Property. Rose Drive and Blake Road followed by residential development border the 165-Acre Lease Property to the south. The Site is bordered to the west by residential development constructed in the 1980s, which was formerly utilized for agricultural purposes and oil fields.



## 7.0 PHASE I ESA CONCLUSIONS

This report presents the results of a Phase I ESA performed for an area referred to as the Brea 265 Property, located along Valencia Avenue at the intersections with Lambert Road, Carbon Canyon Road and Rose Drive in Brea, California. The purpose of the investigation is to identify the potential presence of RECs at the Site.

A REC refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following RECs were identified during the course of this assessment:

- The Site has historically been developed as an operating oil well field. Some oil wells are still operational and various levels of ponded oil and ground staining were observed at each well, primarily in the vicinity of the well box. The historic and current operations of the oil well field, including the oil wells, tank farms, and pipelines, are associated with potential releases that could significantly impact future residential development of the Site. It should be noted that the California Division of Oil Gas and Geothermal Resources generally prohibits construction of residences directly over active or sealed and abandoned oil wells.
- A number of historic oil sumps, including a large former oil pond or sump located in the southwestern portion of the 165-Acre Lease Property that has since been filled in and developed to include Rose Road, are present across both properties of the subject Site. These historic sumps represent a potential threat to soil, groundwater, and/or soil vapor quality at the Site.
- The Site is a defined oil/gas field and is subject to the guidelines and requirements set forth in the OCFA's *Combustible Soil Gas Hazard Mitigation* document that outlines the guidance for the investigation, remediation, and/or mitigation of potentially hazardous concentrations of combustible soil gases associated with the construction and occupancy of a building located on or within the vicinity of an oil/gas field and the OCFA specified areas.
- Petroleum and natural gas pipelines are listed to be present beneath the Site in portions of both the 100-Acre Lease and 165-Acre Lease Properties. These features can be associated with hazardous materials releases.



A *controlled recognized environmental condition (CREC)* refers to a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Northgate did not identify any CRECs during the course of this assessment.

A HREC refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following HREC was identified during the course of this assessment:

- The 100-Acre Lease portion of the Site has a documented release from a leaking diesel UST that impacted soil. No remedial actions were completed; however, soil was reported to have been impacted up to depths of 90 feet bgs. The facility received regulatory closure from the OCHCA on August 20, 1991. In our opinion, residual contamination associated with this historic release could impact future residential development of the Site, even though no regulatory action is currently required.

Our review also identified the following potential environmental concerns:

- A drainage channel that traverses the 100-Acre Lease Property from north to south that is reported to originate from the Olinda Alpha Landfill located to the north, could contain runoff from the upgradient landfill facility.
- Given the historic use of the Site for agricultural purposes, there is a possibility that pesticides and herbicides may be present in shallow soil in some areas of the Site.
- Test results from indoor air samples collected within the Site zip code area indicate that radon may constitute a potential environmental concern at the Site.
- Injection wells are present at the Site and are subject to many new regulations. Further review of specific requirements for closing out the existing injection wells may be required prior to development of the Site.

Northgate recommends that a Phase II ESA be conducted to evaluate the existing soil, groundwater, and soil vapor conditions at the Site related to these RECs and issues of potential environmental concern. The investigation should include strategic test pits and trenching as well as near surface and shallow soil testing and drilling of deep soil borings. The Phase II ESA results should be used to develop remedial cost scenarios to further understand the potential impacts associated with redevelopment of the Site.





## 8.0 REFERENCES

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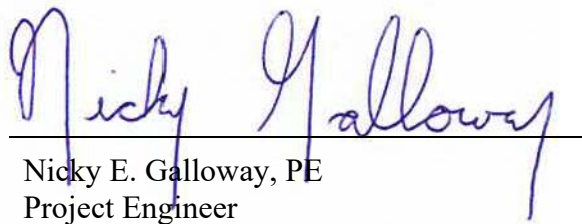
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## 9.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312, and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

  
Nicky E. Galloway, PE  
Project Engineer

  
Derrick S. Willis  
Principal

Qualifications of the Environmental Professionals are provided in Appendix H.



**TABLE**



**TABLE**



TABLE 1: SUMMARY OF SITE FEATURES, HISTORICAL OPERATIONS, POTENTIAL ENVIRONMENTAL CONCERNS, AND RECONNAISSANCE OBSERVATIONS

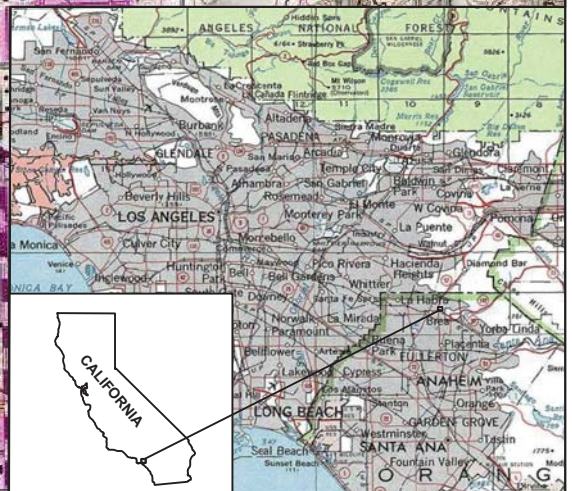
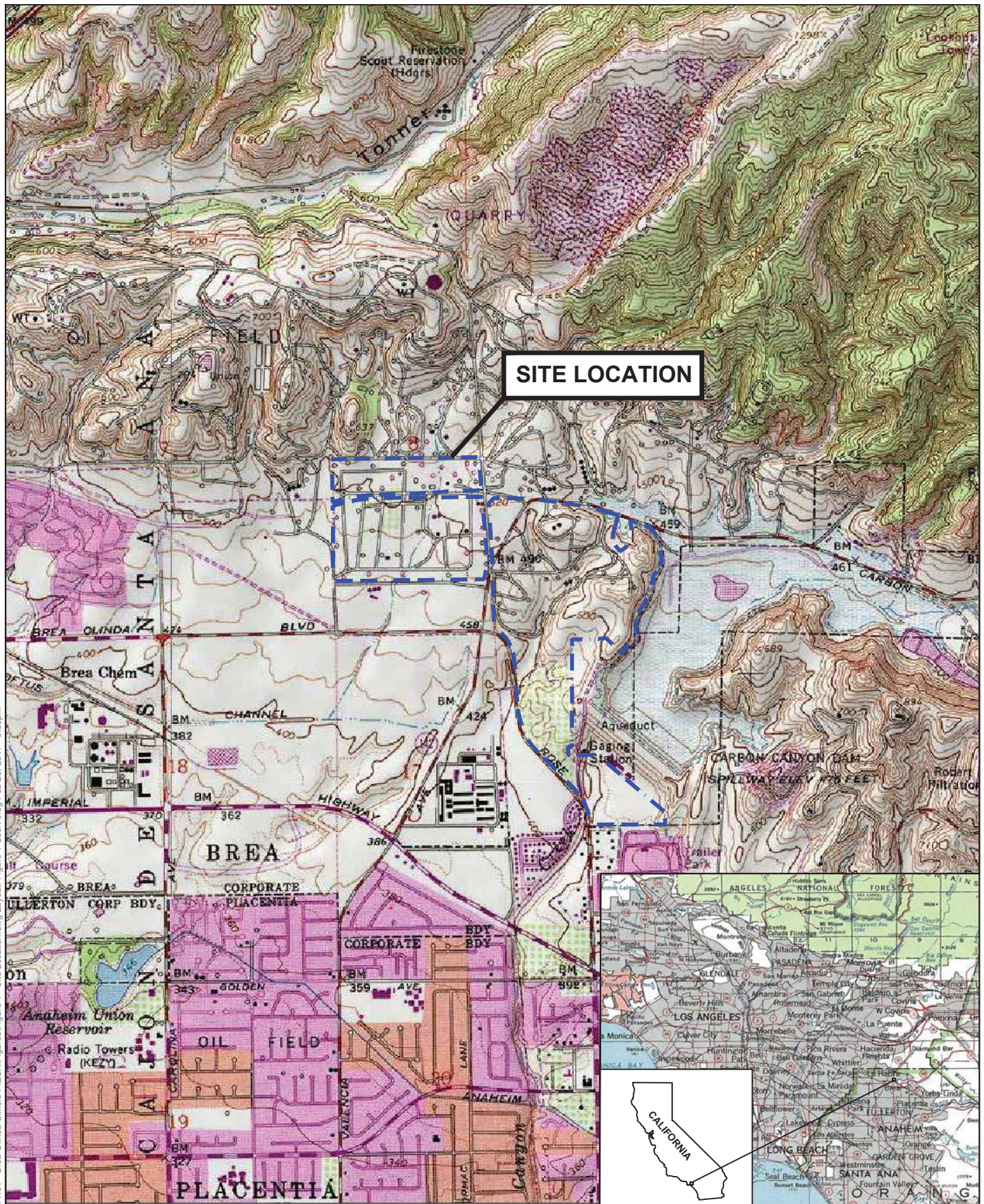
PROPERTY	GENERAL INFO	OTHER GENERAL FEATURES	OBSERVATIONS FROM SITE RECONNAISSANCE IN FEBRUARY 2017						POTENTIAL ENVIRONMENTAL CONCERNS REPORTED IN 2017		
100 Acre North of Lambert	26.65 Acres 320-073-07 APN 17 Oil Wells 0 Manifolds	Drainage Channel; and Abandoned Tank	<u>DRAINAGE CHANNEL</u> Drainage channel present in north-south orientation; traverses entire Site. Drainage channel converts to pipe to flow beneath roadways. Reported to originate from upgradient landfill. Process/production pipes cross channel. Water present during recon.	<u>OIL WELLS</u> Oil wells throughout area - some operational and other non-operational. Oil wells are primarily electric with a concrete cellar. Some reported to have been installed as early as early 1900s. Some oil wells have more visible staining around well head/sucker rod.	<u>ABANDONED TANK</u> Old process tank appears to have been moved and abandoned in the north-central portion of the Site and does not appear to have been formerly located in this area. Tank listed to formerly contain crude oil. Appears to have been empty. Location of process tanks from historical aeriels.	<u>GENERAL/OTHER</u> Historic oil well operations. Several manifolds across Site associated with oil operations. Petroleum pipelines mapped at Site.	<u>FORMER AGRICULTURAL USE</u> Currently used for agricultural operations including a nursery.				- Historic oil well operations - Petroleum pipelines - Manifolds - Drainage channel and potential impacts from dumping, leaks from pipes traversing channel, and upgradient landfill
100 Acre South of Lambert	65.53 Acres 320-071-29 APN 26 Oil Wells 1 Injector Well 2 Manifolds	Dehydration Unit; Vapor Recovery System; Drainage Channel/Pipes; and Manifolds	<u>VAPOR RECOVERY SYSTEM</u> Air compressor on concrete pad, 150-gallon tote of combustible liquid on platform over secondary containment filled with rain water, drip tank about half buried by soil, 55-gallon drum of gear oil about 1/4 full, motor located on soil with visible staining, scrubber, and filter present.	<u>DEHYDRATION UNIT</u> Operating dehydration unit - electric motor and pump on soil (not operating), large AST listed as empty and former wash tank that contained combustible gas/oil/water within broken secondary containment structure. Sump located within secondary containment for AST. Empty fiberglass AST on soil. Out of service AST in secondary containment partially filled by rain water. Air compressor on concrete pad in secondary containment. Two empty	<u>DRAINAGE CHANNEL/PIPES</u> Drainage channel present in north-south orientation; traverses entire Site. Drainage channel converts to pipe to flow beneath roadways. Reported to originate from upgradient landfill. Process/production pipes cross channel. Concrete lined drainage outlet structure in south-central portion of Site at border to Brea Sports Park. Water present during recon.	<u>OIL WELLS</u> Oil wells throughout area - some operational and others non-operational. Oil wells are primarily electric with a concrete cellar. Some oil wells have more visible staining around well head and sucker rod.	<u>GENERAL/OTHER</u> Historic oil well operations. Several manifolds across Site associated with oil operations. Transformers on concrete pad in fenced enclosure near entry to Site from Valencia Avenue. Petroleum pipelines mapped at Site.	<u>FORMER SUMPS</u> 10 historic sumps on site between about 1938 to 1995. Former sump areas do not currently operate as sumps and no visible ponding or waste build up was present.	<u>FORMER AGRICULTURAL USE</u> Currently used for agricultural operations including a nursery.		- Staining and operations at vapor recovery system - Staining and operations at dehydration unit - Historic oil well operations - Petroleum pipelines - Manifolds - Drainage channel and potential impacts from dumping, leaks from pipes traversing channel, and upgradient landfill
165 Acre Fee 2 "North"	55.52 Acres 322-031-01 and -24 APNs 38 Oil Wells 2 Injector Well (1 Idle) 4 Manifolds	Manifolds; Steam Pipes; and Southern California Edison Transformer Area.	<u>OIL WELLS</u> Oil wells throughout area - some operational and others non-operational. Oil wells are primarily electric with a concrete cellar. Some oil wells have more visible staining around well head and sucker rod.	<u>MANIFOLDS/PIPELINES/GENERAL/OTHER</u> Southern California Edison transformers and electrical equipment located within fenced enclosures along the western portion of the Site - near Valencia Avenue. Historic oil well operations. Several manifolds across Site associated with oil operations. 55-gallon drum of unknown contents open in water. Petroleum pipelines mapped at Site.	<u>FORMER SUMPS</u> Former sump areas do not currently operate as sumps and no visible ponding or waste build up was present.						- Historic oil well operations - Petroleum pipelines - Manifolds
165 Acre Fee 3 "South"	109.54 Acres 322-031-12, -13, -14, -19 and -21 APNs 23 Oil Wells 2 Manifolds	Tank Farm; Carbon Filtration Area; Former Tank Area/Pipe/Storage Yard; Manifold and Steam Pipes; and Agricultural Areas	<u>BREA PRODUCTION UNIT/OLINDA TANK FARM</u> Fin fan, 30-gallon container water clarifier (~14 gallons), 2 large tanks (about 300 barrels size) in concrete lined secondary containment for curde oil, 75 hp motor within concrete containment about half full of rain water, Two 220-gallon tanks on raised platforms over secondary containment, 55-gallon drums within secondary containment of water clarifier about 60% full, 55 barrel tank (~7 barrels) of water clarifier in secondary containment, tank of "Techhni Break" in secondary containment, compressor, air tank, 110-gallon tote of combustible liquid in secondary containment about 1/3 filled with water, 60 hp motor with visible staining at base, and 165-gallon tank of cooling water (~110 gallons).	<u>CARBON FILTRATION TANK AREA</u> Fenced enclosure, header 6 located within the vicinity, four large tanks in secondary containment - 2 for carbon filtration and 2 for clay filtration, hydrogen peroxide tank located in secondary containment structure partially filled with liquid with a green sheen, and tank about 45 barrels in size of oxidizer in secondary containment.	<u>FORMER TANK/PIPE/STORAGE YARD</u> Soil covered area used for the storage of pipes and scrap material. Former tank area in vicinity with concrete pad, aboveground piping, old AST, and single concrete pad within remnants of secondary containment wall.	<u>AGRICULTURAL AREA</u> Open space, currently vacant land covered by soil and plants. Strawberry stand (temporary/mobile structure) on the southernmost portion of the Site. Possible historic use of pesticides in agricultural operations.	<u>OIL WELLS</u> Oil wells throughout area - some operational and others non-operational. Oil wells are primarily electric with a concrete cellar. Some oil wells have more visible staining around well head and sucker rod. Oil wells located in vicinity of tank farms.	<u>GENERAL /OTHER</u> Historic oil well operations. Several manifolds across Site associated with oil operations. Concrete washout area in the southern portion of the oil field portion of the Site. Dam adjacent to Site to the east. Steam pipes traverse Site. Petroleum pipelines mapped at Site.	<u>FORMER SUMPS</u> Former sump areas do not currently operate as sumps and no visible ponding or waste build up was present.		- Staining and operations at Brea productionunit/Olinda tank farm - Staining and operations at carbon filtration tank area - Former tank area with visible pipes/broken sercondary containment - Historic well operations - Petroleum pipelines - Manifolds - Historic pesticide use in agricultural areas

## FIGURES





G:\Projects\Temp\2077 - Brooks Street\2077.01 - Brea-Olinda Oilfield PIESA\Figures\Figure 1 - Site Location.dwg Layout: Figure 1 User: oleg Feb 28, 2017 - 3:58pm



**FIGURE 1**  
**Site Vicinity Map**

Phase I Environmental Site Assessment  
Brea 265 Property - Valencia Avenue and Lambert Road  
Brea, California

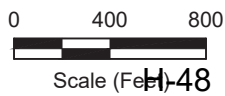


Project No. 2077.01.01S

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Scale (Feet) H-47







**FIGURE 2**  
**Site Plan**

Phase I Environmental Site Assessment  
Brea 265 Property - Valencia Avenue and Lambert Road  
Brea, California



Project No. 2077.01.01S





**LEGEND:**

- Site Boundary
- Site Feature
- Oil Well and ID #
- Manifold Location
- Approximate Drainage Channel Location
- Drain Under Road/Driveway
- Injection Well
- Former Sump Location
- Historic Feature

OXY 545

**FIGURE 3**  
**Site Features, 100-Acres**

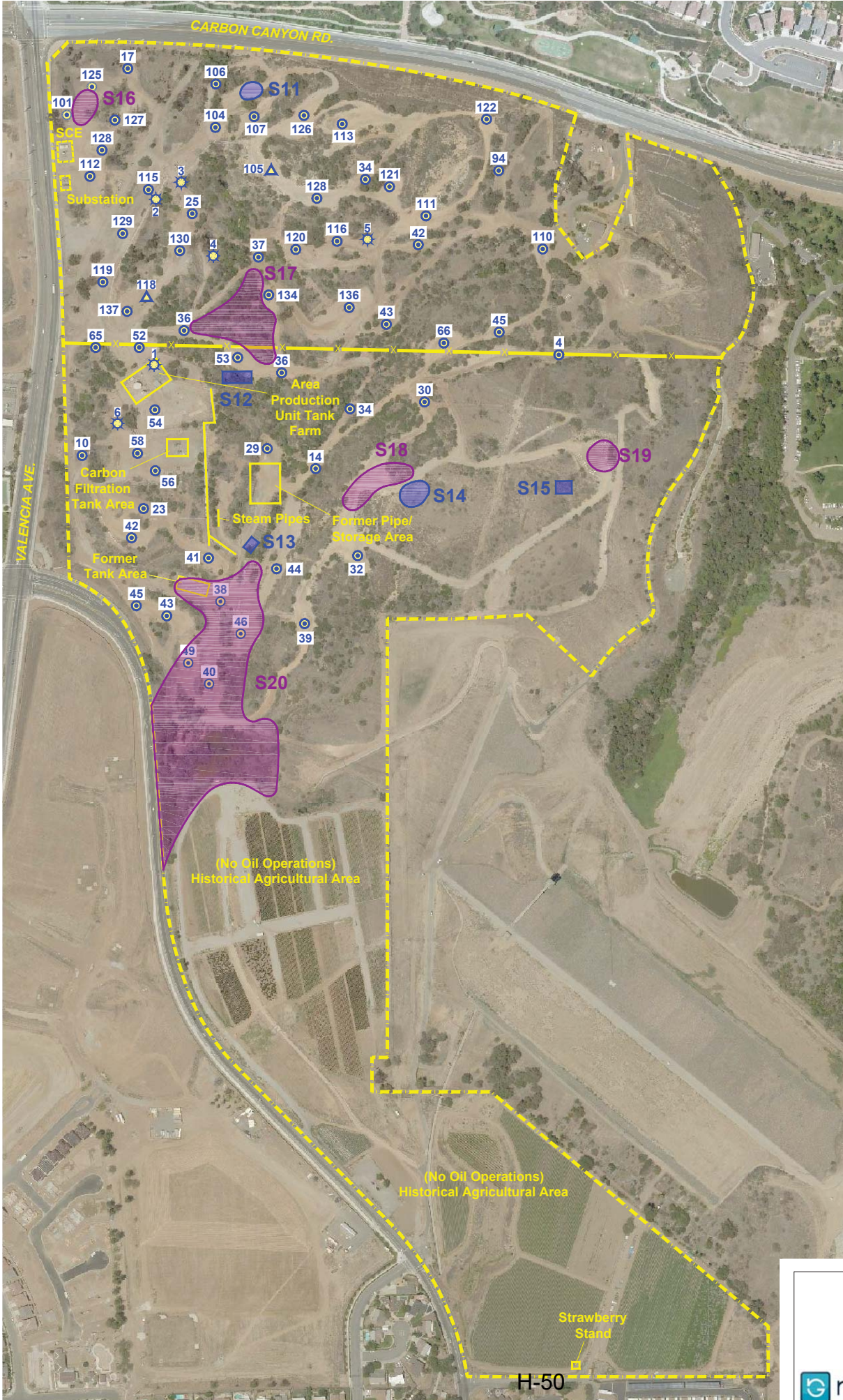
Phase I Environmental Site Assessment  
Brea 265 Property - Valencia Avenue and Lambert Road  
Brea, California

northgate  
environmental management, inc.

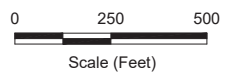
Project No. 2077.01.01S

0 150 300  
Scale (Feet)





- LEGEND:**
- Site Boundary
  - Site Feature
  - Oil Well and ID #
  - Manifold Location/Header and #
  - Division Between "North" and "South" Parcels
  - Injection Well
  - Former Sump Location
  - Approximate Location of Sump - Geosols, 1992



**FIGURE 4**  
**Site Features, 165-Acres**

Phase I Environmental Site Assessment  
Central Property - Valencia Avenue and Lambert Road  
Brea, California



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## **SITE PHOTOGRAPHS**







1. The main entry gate located on the west side of Valencia Avenue just south of Lambert Road with access to the southern portion of the 100-Acre Parcel.



2. View of the northern portion of the 100-Acre Parcel from across Lambert Road – view facing north.







3. Typical view of the northern portion of the 100-Acre Parcel with a typical oil well.



4. Typical oil well head of oil well located on the northern portion of the 100-Acre Parcel.







5. Nursery and oil well located on the eastern side of the northern portion of the 100-Acre Parcel.



6. Drainage channel located on northern portion of 100-Acre Parcel with drainage to the southern portion of the 100-Acre Parcel via a conduit under Lambert Road.







7. Fenced enclosure with apparent storage structures present in the central area of the northern portion of the 100-Acre Parcel.



8. Trailer and concrete pad present in the central area of the northern portion of the 100-Acre Parcel.







9. Abandoned former process tank present in the north central area of the northern portion of the 100-Acre Parcel.



10. Abandoned tank identified for former crude oil contents on the northern portion of the 100-Acre Parcel.







11. Typical view of southern portion of 100-Acre Parcel with typical oil wells shown.



12. Typical oil well on the southern portion of the 100-Acre Parcel.







13. Significant staining observed around oil well 126 located on the southern portion of the 100-Acre Parcel near the entry gate from Valencia Avenue..



14. Injection well located in the southwestern corner of the southern portion of the 100-Acre Parcel.







15. Drainage channel conduit under Lambert Road from the northern portion of the 100-Acre Parcel connecting to the southern portion of the 100-Acre Parcel.



16. Typical drainage channel through the central area of the southern portion of the 100-Acre Parcel.







17. Oil well field pipelines suspended over the drainage channel in the southern portion of the 100-Acre Parcel.



18. Vapor recovery system located in the north central area of the southern portion of the 100-Acre Parcel.







19. Vapor recovery system located in the north central area of the southern portion of the 100-Acre Parcel.



20. Vapor recovery system located in the north central area of the southern portion of the 100-Acre Parcel.







21. Vapor recovery system located in the north central area of the southern portion of the 100-Acre Parcel.



22. Vapor recovery system located in the north central area of the southern portion of the 100-Acre Parcel.







23. Vapor recovery system located in the north central area of the southern portion of the 100-Acre Parcel.



24. Dehydration Unit located in the north central area of the southern portion of the 100-Acre Parcel.





25. Dehydration Unit located in the north central area of the southern portion of the 100-Acre Parcel.



26. Dehydration Unit located in the north central area of the southern portion of the 100-Acre Parcel.







27. Dehydration Unit located in the north central area of the southern portion of the 100-Acre Parcel.



28. Dehydration Unit located in the north central area of the southern portion of the 100-Acre Parcel.







29. Dehydration Unit located in the north central area of the southern portion of the 100-Acre Parcel.



30. Dehydration Unit located in the north central area of the southern portion of the 100-Acre Parcel.







31. Dehydration Unit located in the north central area of the southern portion of the 100-Acre Parcel.



32. Dehydration Unit located in the north central area of the southern portion of the 100-Acre Parcel.







33. Typical manifold located on the southern portion of the 100-Acre Parcel.



34. Transformers located in the central area of the southern portion of the 100-Acre Parcel.







35. Typical view and oil wells of the northern and central portions of the 165-Acre Parcel.



36. Typical oil well located in the northern and central portions of the 165-Acre Parcel.







37. Portable well testing trailer located in the northern portion of the 165-Acre Parcel.



38. Typical manifold header located in the northern and central portions of the 165-Acre Parcel.







39. Steam pipes located in the northern and central portions of the 165-Acre Parcel.



40. Brea Production Unit and Olinda Tank Farm located in the central area of the northern portion of the 165-Acre Parcel.







41. Brea Production Unit and Olinda Tank Farm located in the central area of the northern portion of the 165-Acre Parcel.



42. Brea Production Unit and Olinda Tank Farm located in the central area of the northern portion of the 165-Acre Parcel.







43. Brea Production Unit and Olinda Tank Farm located in the central area of the northern portion of the 165-Acre Parcel.



44. Header and compressor station in Brea Production Unit and Olinda Tank Farm located in the central area of the northern portion of the 165-Acre Parcel.







45. Brea Production Unit and Olinda Tank Farm located in the central area of the northern portion of the 165-Acre Parcel.



46. Brea Production Unit and Olinda Tank Farm located in the central area of the northern portion of the 165-Acre Parcel.





47. Carbon filtration area located in the central area of the northern portion of the 165-Acre Parcel to the south of the Brea Production Unit and Olinda Tank Farm.



48. Carbon filtration area located in the central area of the northern portion of the 165-Acre Parcel to the south of the Brea Production Unit and Olinda Tank Farm.







49. Carbon filtration area located in the central area of the northern portion of the 165-Acre Parcel to the south of the Brea Production Unit and Olinda Tank Farm.



50. Carbon filtration area located in the central area of the northern portion of the 165-Acre Parcel to the south of the Brea Production Unit and Olinda Tank Farm.







51. Former pipe storage yard located in the south central portion of the 165-Acre Parcel.



52. Former tank farm location in the south central portion of the 165-Acre Parcel.







53. Former tank farm location in the south central portion of the 165-Acre Parcel.



54. Drainage and portion of former sump S20 located in the southern portion of the 165-Acre Parcel.







55. Former agricultural area located in the southern portion of the 165-Acre Parcel.



56. Former agricultural area located in the southern portion of the 165-Acre Parcel.







57. Residential development followed by the Olinda Alpha landfill (distance hillside) to the north of the Site.



58. Carbon Canyon Dam located east of the 165-Acre Parcel.





59. Park and flood control area located east of the 165-Acre Parcel.



**APPENDIX A**  
**TITLE REPORTS**





3-14-2002



# Preliminary Report

*First American Title Insurance Company*

*First American Title Insurance Company*

2 First American Way, Santa Ana, California 92707  
(P.O. Box 267, Santa Ana, California 92702)  
(714) 800-3000

AERA ENERGY  
3030 SATURN  
SUITE 101  
BREA., CA 92621  
ATTN: JEFF MAISCH

IN RESPONSE TO THE ABOVE REFERENCED APPLICATION FOR A POLICY OF TITLE INSURANCE, THIS COMPANY HEREBY REPORTS THAT IT IS PREPARED TO ISSUE, OR CAUSE TO BE ISSUED, AS OF THE DATE HEREOF, A POLICY OR POLICIES OF TITLE INSURANCE DESCRIBING THE LAND AND THE ESTATE OR INTEREST THEREIN HEREINAFTER SET FORTH, INSURING AGAINST LOSS WHICH MAY BE SUSTAINED BY REASON OF ANY DEFECT, LIEN OR ENCUMBRANCE NOT SHOWN OR REFERRED TO AS AN EXCEPTION BELOW OR NOT EXCLUDED FROM COVERAGE PURSUANT TO THE PRINTED SCHEDULES, CONDITIONS AND STIPULATIONS OF THE POLICY FORMS.

THE PRINTED EXCEPTIONS AND EXCLUSIONS FROM THE COVERAGE OF SAID POLICY OR POLICIES ARE SET FORTH IN EXHIBIT A ATTACHED. COPIES OF THE POLICY FORMS SHOULD BE READ. THEY ARE AVAILABLE FROM THE OFFICE WHICH ISSUED THIS REPORT.

THIS REPORT (AND ANY SUPPLEMENTS OR AMENDMENTS HERETO) IS ISSUED SOLELY FOR THE PURPOSE OF FACILITATING THE ISSUANCE OF A POLICY OF TITLE INSURANCE AND NO LIABILITY IS ASSUMED HEREBY. IF IT IS DESIRED THAT LIABILITY BE ASSUMED PRIOR TO THE ISSUANCE OF A POLICY OF TITLE INSURANCE, A BINDER OR COMMITMENT SHOULD BE REQUESTED.

**PLEASE READ THE EXCEPTIONS SHOWN OR REFERRED TO BELOW AND THE EXCEPTIONS AND EXCLUSIONS SET FORTH IN EXHIBIT A OF THIS REPORT CAREFULLY. THE EXCEPTIONS AND EXCLUSIONS ARE MEANT TO PROVIDE YOU WITH NOTICE OF MATTERS WHICH ARE NOT COVERED UNDER THE TERMS OF THE TITLE INSURANCE POLICY AND SHOULD BE CAREFULLY CONSIDERED.**

**IT IS IMPORTANT TO NOTE THAT THIS PRELIMINARY REPORT IS NOT A WRITTEN REPRESENTATION AS TO THE CONDITION OF TITLE AND MAY NOT LIST ALL LIENS, DEFECTS, AND ENCUMBRANCES AFFECTING TITLE TO THE LAND.**

DATED AS OF **MARCH 14, 2002** AT 7:30 A M



BY RONALD J. GOMEZ, TITLE OFFICER  
DIRECT TELEPHONE NUMBER - 714-800-4822  
FAX NUMBER - 714-800-4965

THE FORM OF POLICY OF TITLE INSURANCE CONTEMPLATED BY THIS REPORT IS

**AMERICAN LAND TITLE ASSOCIATION OWNERS POLICY - WITH REGIONAL EXCEPTIONS (STANDARD COVERAGE).**

TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

SWEPI LP, A DELAWARE LIMITED PARTNERSHIP WHO ACQUIRED TITLE AS SHELL WESTERN E & P, INC., A DELAWARE CORPORATION, SUCCESSOR BY MERGER TO SHELL CALIFORNIA PRODUCTION INC., A DELAWARE CORPORATION.

THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

**A FEE.**

AT THE DATE HEREOF EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS CONTAINED IN SAID POLICY FORM WOULD BE AS FOLLOWS:

1. GENERAL AND SPECIAL TAXES FOR THE FISCAL YEAR 2002-2003, A LIEN NOT YET DUE OR PAYABLE.
2. SECOND INSTALLMENT GENERAL AND SPECIAL TAXES FOR THE FISCAL YEAR 2001-2002, NOW A LIEN NOT YET DELINQUENT; AMOUNT \$11,945.83;  
CODE AREA: 78-072 AND 02-003.  
A. P. NO.: 308-011-17, 322-031-01, 322-031-12, 322-031-13, 322-031-14, 322-031-19, 322-031-20, 322-031-21, AND 322-031-24.
3. THE LIEN OF SUPPLEMENTAL TAXES ASSESSED PURSUANT TO CHAPTER 3.5 COMMENCING WITH SECTION 75 OF THE CALIFORNIA REVENUE AND TAXATION CODE.

NOTE: ALTHOUGH THE ABOVE SUPPLEMENTAL TAXES MAY BE A LIEN, THE INSTALLMENTS THEREOF ARE NOT YET DUE OR PAYABLE.

**THE FOLLOWING EXCEPTIONS AFFECT PARCELS A, B AND C:**

4. THE RIGHT OF WAY FOR THE CONSTRUCTION, OPERATION AND MAINTENANCE OF A RAILROAD, ETC., OVER A PORTION OF SAID LAND AS GRANTED TO THE SOUTHERN CALIFORNIA RAILWAY COMPANY BY DEED RECORDED NOVEMBER 6, 1899 IN BOOK 44, PAGE 374 OF DEEDS.
5. THE RIGHTS AND RIGHT OF WAY FOR PIPE LINES AND FOR TELEPHONE AND TELEGRAPH LINES OVER A PORTION OF SAID SECTION 8, AS GRANTED BY OLINDA CRUDE OIL CO. TO PACIFIC COAST OIL CO., BY DEED RECORDED JUNE 25, 1902 IN BOOK 75, PAGE 253 OF DEEDS.
6. THE RIGHT TO ERECT AND MAINTAIN STORAGE TANKS FOR OIL AND THE RIGHT OF WAY FOR PIPE LINES FOR THE TRANSPORTATION OF OIL OVER A PORTION OF SAID SECTION 8, AS CONVEYED BY OLINDA LAND COMPANY TO INDUSTRIAL OIL COMPANY, BY DEED RECORDED JANUARY 23, 1911 IN BOOK 3, PAGE 324 OF LEASES AND RE-RECORDED JANUARY 23, 1911 IN BOOK 7, PAGE 43 OF MISCELLANEOUS RECORDS.
7. THE RIGHT OF WAY FOR PIPE LINE FOR THE TRANSPORTATION OF WASTE WATER OVER A PORTION OF SAID LAND, AS GRANTED BY OLINDA LAND COMPANY, TO WASTE WATER DISPOSAL COMPANY, BY DEED RECORDED FEBRUARY 24, 1928 IN BOOK 134, PAGE 175 OF OFFICIAL RECORDS.



NOTE 1: BY INSTRUMENT RECORDED DECEMBER 15, 1959 IN BOOK 5016, PAGE 217 OF OFFICIAL RECORDS THE PORTION OF SAID EASEMENT LYING NORTHEASTERLY OF THE TERMINUS OF THAT CERTAIN COURSE DESCRIBED AS "NORTH 50 DEG. 08' 08" EAST 512.18 FEET TO A MANHOLE" WAS QUITCLAIMED TO THE OWNERS OF RECORD.

NOTE 2: ALL RIGHT, TITLE AND INTEREST OF WASTE WATER DISPOSAL COMPANY WAS ASSIGNED TO UNION OIL COMPANY OF CALIFORNIA BY AN INSTRUMENT RECORDED NOVEMBER 5, 1974 IN BOOK 11280, PAGE 1845 OF OFFICIAL RECORDS.

NOTE 3: THE RIGHTS UNDER SAID DOCUMENT WERE ASSIGNED TO SANTA FE ENERGY OPERATING PARTNERS BY A DOCUMENT ENTITLED "ASSIGNMENT OF RIGHTS OF WAY" RECORDED AUGUST 19, 1993 AS INSTRUMENT NO. 93-558730 OF OFFICIAL RECORDS.

8. A RIGHT OF WAY FOR ROAD PURPOSES OVER A PORTION OF THE WESTERLY 30 FEET OF LOTS 3 AND 4 OF SECTION 8, AS GRANTED BY OLINDA LAND COMPANY TO THE COUNTY OF ORANGE, BY DEED RECORDED JANUARY 21, 1914 IN BOOK 244, PAGE 260 OF DEEDS.

9. THE RIGHTS AND RIGHT OF WAY FOR PIPE LINES OVER A PORTION OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 8, AS GRANTED BY OLINDA LAND COMPANY TO GENERAL PIPE LINE COMPANY OF CALIFORNIA, BY DEED RECORDED MAY 19, 1927 IN BOOK 41, PAGE 438 OF OFFICIAL RECORDS.

10. THE EFFECT OF MAPS FILED IN BOOK 40, PAGE 30 AND IN BOOK 51, PAGE 31 OF RECORD OF SURVEYS IN THE OFFICE OF THE COUNTY RECORDER OF ORANGE COUNTY, CALIFORNIA, PURPORTING TO SHOW THE HEREIN DESCRIBED AND OTHER LAND.

11. THE EFFECT OF MAPS PURPORTING TO SHOW THE HEREIN DESCRIBED AND OTHER LAND RECORDED IN BOOK 18, PAGE 38; IN BOOK 33, PAGE 37; AND IN BOOK 87, PAGES 47 AND 48, ALL OF RECORD OF SURVEYS.

12. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED MAY 11, 1932 IN BOOK 557, PAGE 127 OF OFFICIAL RECORDS,

IN FAVOR OF: ORANGE COUNTY.  
FOR: ROAD AND INCIDENTAL PURPOSES.  
OVER: A PORTION OF THE LAND IN ROSE DRIVE.

13. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED OCTOBER 29, 1942 IN BOOK 1170, PAGE 31 OF OFFICIAL RECORDS,

IN FAVOR OF: SOUTHERN CALIFORNIA EDISON COMPANY, LTD., A CORPORATION.  
FOR: POLES, TOWERS AND INCIDENTAL PURPOSES.  
OVER: A PORTION OF THE LAND.

14. A 10-FOOT RIGHT OF WAY FOR A 30 INCH GAS PIPE LINE ACROSS SAID LAND AND OTHER LAND, AS CONVEYED TO SOUTHERN CALIFORNIA GAS COMPANY AND SOUTHERN COUNTIES GAS COMPANY OF CALIFORNIA, AS TENANTS IN COMMON, BY INSTRUMENT RECORDED JUNE 19, 1950 IN BOOK 2029, PAGE 102 OF OFFICIAL RECORDS.

15. A LICENSE IN FAVOR OF GENERAL PETROLEUM CORPORATION, A CORPORATION, FOR A PIPELINE FOR THE TRANSPORTATION OF OIL, PETROLEUM, GASOLINE AND/OR WATER, AND INCIDENTAL PURPOSES, RECORDED FEBRUARY 14, 1956 IN BOOK 3396, PAGE 252 OF OFFICIAL RECORDS.

16. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED FEBRUARY 26, 1958 IN BOOK 4208, PAGE 424 OF OFFICIAL RECORDS,  
 IN FAVOR OF: THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA, A PUBLIC CORPORATION.  
 FOR: PIPE LINE AND INCIDENTAL PURPOSES.  
 OVER: A STRIP OF LAND 50 FEET IN WIDTH WITHIN THE LAND, AND OTHER LANDS MORE PARTICULARLY DESCRIBED THEREIN.

17. EASEMENTS OVER PORTIONS OF SAID LAND FOR CARBON CANYON DAM AND CHANNEL FOR PUBLIC USE AND INCIDENTS THERETO, AS DESCRIBED IN THE DECLARATION OF TAKING BY UNITED STATES OF AMERICA, RECORDED JUNE 1, 1960 IN BOOK 5269, PAGE 79 OF OFFICIAL RECORDS.

18. A PERPETUAL AND ASSIGNABLE RIGHT OF WAY AND EASEMENT OVER A PORTION OF SAID LAND FOR PIPE LINES AND INCIDENTS THERETO, AS DESCRIBED IN THE ABOVE MENTIONED DECLARATION OF TAKING.

*QC filed @ doc # 020368603*

19. A PERPETUAL AND ASSIGNABLE EASEMENT AND RIGHT OF WAY OVER A PORTION OF SAID LAND FOR POWER LINES, COMMUNICATION LINES AND INCIDENTS THERETO, AS DESCRIBED IN THE DECLARATION OF TAKING BY THE UNITED STATES OF AMERICA, RECORDED SEPTEMBER 6, 1960 IN BOOK 5404, PAGE 438 OF OFFICIAL RECORDS.

20. A PERPETUAL EASEMENT FOR ROADWAY SLOPES AND MAINTENANCE AND INCIDENTAL PURPOSES OVER THAT PORTION OF SAID LAND ADJOINING ROSE DRIVE, AS CONVEYED TO THE COUNTY OF ORANGE BY DEED RECORDED APRIL 4, 1961 IN BOOK 5677, PAGE 3 OF OFFICIAL RECORDS.

21. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED JULY 10, 1961 IN BOOK 5779, PAGE 696 OF OFFICIAL RECORDS,  
 IN FAVOR OF: THE UNITED STATES OF AMERICA.  
 FOR: ROADWAYS AND INCIDENTAL PURPOSES.  
 OVER: A PORTION OF THE LAND AS MORE PARTICULARLY DESCRIBED THEREIN.

NOTE: SAID EASEMENT HAS BEEN MODIFIED BY AN INSTRUMENT ENTITLED "AMENDMENT TO DECLARATION OF TAKING" IN FAVOR OF THE UNITED STATES OF AMERICA WHICH RECORDED JULY 25, 1966 IN BOOK 7998, PAGE 741 OF OFFICIAL RECORDS.

22. THE TERMS, PROVISIONS, COVENANTS AND CONDITIONS AS SET FORTH IN A BOUNDARY LINE AGREEMENT DATED JANUARY 12, 1961 BETWEEN SHELL OIL COMPANY, A CORPORATION, CHANSLOR-WESTERN OIL AND DEVELOPMENT COMPANY, A CORPORATION, SOCONY MOBIL OIL COMPANY, INC., A CORPORATION AND HUMBLE OIL & REFINING COMPANY, A CORPORATION, RECORDED APRIL 25, 1961 IN BOOK 5700, PAGE 984 OF OFFICIAL RECORDS, ESTABLISHING A BOUNDARY LINE BETWEEN THE LANDS OF THE ABOVE PARTIES, REFERENCE BEING MADE TO THE RECORD FOR PARTICULARS OF SAID AGREEMENT.

23. A RIGHT OF WAY AND EASEMENT FOR PIPE LINES AND APPURTENANCES THERETO, TOGETHER WITH THE RIGHT OF INGRESS TO AND EGRESS FROM SAID EASEMENT, AS CONVEYED TO GENERAL PETROLEUM CORPORATION, BY DEED RECORDED SEPTEMBER 12, 1961 IN BOOK 5845, PAGE 30 OF OFFICIAL RECORDS.

24. AN EASEMENT FOR BOTH AERIAL AND UNDERGROUND ELECTRICAL LINES, CONSISTING OF POLE LINES, CONDUITS AND INCIDENTAL PURPOSES, AND APPURTENANCES THERETO, AS SET FORTH IN AN INSTRUMENT RECORDED JANUARY 16, 1968 IN BOOK 8493, PAGE 555 OF OFFICIAL RECORDS, OVER THAT PORTION OF SAID LAND INCLUDED WITHIN THE FOLLOWING:

A STRIP OF LAND, 12 FEET IN WIDTH, LYING WITHIN THE SOUTHWEST QUARTER OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 9 WEST, S.B.M., THE CENTERLINE OF SAID STRIP DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE, NORTH 89° 15' 30" EAST 2292.07 FEET; THENCE SOUTH 4° 18' EAST 220 FEET TO THE TRUE POINT OF BEGINNING; THENCE, SOUTHWESTERLY 39 FEET TO A POINT IN A LINE PARALLEL WITH AND DISTANT WESTERLY, MEASURED AT RIGHT ANGLES FROM THE EASTERLY LINE OF THE RANCHO JUAN CAJON DE SANTA ANA, 17 FEET; THENCE, SOUTH 89° 15' 30" WEST 45 FEET.

25. EASEMENTS TO CONSTRUCT AND MAINTAIN SLOPES, AS CONVEYED TO THE COUNTY OF ORANGE BY DEED RECORDED JULY 31, 1975 IN BOOK 11471, PAGE 256 OF OFFICIAL RECORDS, EVEN PORTIONS OF SAID LAND, UPON THE RESERVATIONS, COVENANTS AND CONDITIONS THEREIN CONTAINED.

26. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED NOVEMBER 30, 1988 AS INSTRUMENT NO. 88-623853 OF OFFICIAL RECORDS,  
IN FAVOR OF: SOUTHERN CALIFORNIA EDISON COMPANY, A CORPORATION.  
FOR: THE MAINTENANCE AND OPERATION OF AN ELECTRICAL SUBSTATION AND INCIDENTAL PURPOSES.  
OVER: A PORTION OF THE LAND.

**THE FOLLOWING EXCEPTIONS AFFECT PARCEL D:**

27. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED JULY 18, 1902 IN BOOK 75, PAGE 282 OF DEEDS,  
IN FAVOR OF: PACIFIC COAST OIL COMPANY, A CORPORATION.  
FOR: RIGHT OF INGRESS AND EGRESS AND INCIDENTAL PURPOSES.  
OVER: THE LAND.

NOTE 1: RECORDED APRIL 3, 1907 IN BOOK 155, PAGE 245 OF DEEDS, IS A DEED DATED NOVEMBER 23, 1906, EXECUTED BY STANDARD OIL COMPANY, A CORPORATION, FORMERLY KNOWN AS PACIFIC COAST OIL CO., TO BREA CANON OIL COMPANY, A CORPORATION, DESCRIBING SAID EXCEPTED PARCEL OF LAND, RESERVING TO SAID GRANTOR RIGHTS OF WAY FOR PIPE LINES AND RIGHT OF INGRESS AND EGRESS FROM SAID EXCEPTED LAND TO ADJOINING LANDS OF PACIFIC LAND IMPROVEMENT COMPANY.

NOTE 2: THE INTEREST OF BREA CANON OIL COMPANY WAS CONVEYED TO GENERAL PETROLEUM CORPORATION, A CORPORATION, BY DEED RECORDED FEBRUARY 21, 1929 IN BOOK 245, PAGE 317 OF OFFICIAL RECORDS. GENERAL PETROLEUM CORPORATION WAS MERGED WITH SOCONY MOBIL OIL COMPANY, INC., AS INDICATED BY A CERTIFICATE RECORDED JANUARY 11, 1960 IN BOOK 5049, PAGE 109 OF OFFICIAL RECORDS.

NOTE 3: RECORDED JUNE 30, 1966 IN BOOK 7977, PAGE 210 OF OFFICIAL RECORDS, IS A CERTIFICATE DATED JUNE 24, 1966 BY G. H. KETCHUM, ASSISTANT SECRETARY OF MOBIL OIL CORPORATION, RECITING THAT NAME OF SOCONY MOBIL COMPANY, INC., WAS CHANGED TO MOBIL OIL CORPORATION.

28. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED OCTOBER 3, 1904 IN BOOK 108, PAGE 309 OF DEEDS,  
IN FAVOR OF: BREA CANON OIL COMPANY.  
FOR: RIGHT OF WAY FOR PIPE LINES AND INCIDENTAL PURPOSES.  
OVER: THE LAND.



29. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED JULY 22, 1916 IN BOOK 293, PAGE 358 OF DEEDS,  
IN FAVOR OF: STANDARD OIL COMPANY.  
FOR: RIGHT OF WAY FOR PIPE LINES AND INCIDENTAL PURPOSES.  
OVER: A PORTION OF THE LAND.

30. ANY EASEMENTS FOR PIPE LINES AND INCIDENTAL PURPOSES OVER A PORTION OF THE LAND, IN FAVOR OF GENERAL PETROLEUM CORPORATION OF CALIFORNIA, AS RECITED IN A NOTICE RECORDED AUGUST 25, 1928 IN BOOK 186, PAGE 490 OF OFFICIAL RECORDS.

31. UNRECORDED AGREEMENT DATED OCTOBER 24, 1931 BETWEEN CHANSLOR-CANFIELD MIDWAY OIL COMPANY, AS FIRST PARTY, AND WEST COAST REFINING COMPANY, AS SECOND PARTY, COVERING A PORTION OF THE LAND, TOGETHER WITH CERTAIN OTHER UNRECORDED AGREEMENTS WHICH MAY OR MAY NOT AFFECT THE HEREIN DESCRIBED LAND, AS DISCLOSED IN AN ASSIGNMENT DATED NOVEMBER 30, 1964, EXECUTED BY WEST COAST REFINING COMPANY, A CALIFORNIA CORPORATION, TO ESTATE OF A. HARTWELL BRADFORD, DECEASED, RECORDED DECEMBER 2, 1964 IN BOOK 7327, PAGE 788 OF OFFICIAL RECORDS, TO WHICH RECORD REFERENCE IS MADE FOR FULL PARTICULARS.

NOTE 1: RECORDED MARCH 11, 1960 IN BOOK 5142, PAGE 449 OF OFFICIAL RECORDS, IS A QUITCLAIM DEED DATED JANUARY 20, 1960, EXECUTED BY WEST COAST REFINING COMPANY, A CALIFORNIA CORPORATION, TO UNITED STATES OF AMERICA, DESCRIBING CERTAIN PIPE LINES AND ALL RIGHTS OF WAY, PERMITS AND LICENSES UNDER WHICH SAID PIPE LINES WERE INSTALLED, MAINTAINED AND OPERATED BY SAID GRANTOR.

NOTE 2: RECORDED JANUARY 19, 1966 IN BOOK 7813, PAGE 72 OF OFFICIAL RECORDS, IS AN ASSIGNMENT DATED OCTOBER 6, 1965, EXECUTED BY WEST COAST REFINING COMPANY, A CALIFORNIA CORPORATION, TO MORRIS D. SCHATZMAN, PHILIP S. MAGRUDER AND JOHN W. SCHMID, EXECUTORS OF THE WILL OF A. HARTWELL BRADFORD, DECEASED, OF ALL RIGHT, TITLE AND INTEREST IN THE ABOVE MENTIONED AGREEMENTS AND OTHER PROPERTY.

NOTE 3: RECORDED JANUARY 19, 1966 IN BOOK 7813, PAGE 845 OF OFFICIAL RECORDS, IS A CERTIFIED COPY OF AN ORDER CONFIRMING SALE RENDERED JANUARY 2, 1965 IN THE SUPERIOR COURT OF THE STATE OF CALIFORNIA, IN AND FOR THE COUNTY OF ORANGE, IN THE MATTER OF THE ESTATE OF A. HARTWELL BRADFORD, DECEASED (CASE NO. A47398), CONFIRMING SALE OF THE ABOVE MENTIONED AGREEMENTS AND OTHER PROPERTY TO UNION OIL COMPANY OF CALIFORNIA.

32. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED MAY 18, 1960 IN BOOK 5251, PAGE 23 OF OFFICIAL RECORDS,  
IN FAVOR OF: SOUTHERN CALIFORNIA EDISON COMPANY.  
FOR: POLE LINES AND INCIDENTAL PURPOSES.  
OVER: A PORTION OF THE LAND.

NOTE 1: RECORDED JANUARY 24, 1962 IN BOOK 5987, PAGE 230 OF OFFICIAL RECORDS, IS A DEED DATED JUNE 9, 1961, EXECUTED BY SAID COMPANY, QUITCLAIMING A PORTION OF SAID EASEMENT TO THE RECORD OWNERS.

NOTE 2: RECORDED MARCH 10, 1966 AS DOCUMENT NO. 8157 IN BOOK 7865, PAGE 75 OF OFFICIAL RECORDS, IS A DEED DATED APRIL 27, 1962, EXECUTED BY SAID COMPANY, QUITCLAIMING TO THE UNITED STATES OF AMERICA ALL RIGHTS FOR ELECTRIC LINES AND APPURTENANCES OVER A PORTION OF PARCEL 2, EXCEPT ANY PORTION WHICH MIGHT AFFECT THOSE RIGHTS OBTAINED BY THE ABOVE MENTIONED DEED RECORDED IN BOOK 5251, PAGE 23 OF OFFICIAL RECORDS.

(32, above)

Sec# 17

33. PERPETUAL AND ASSIGNABLE RIGHTS, POWERS, PRIVILEGES AND EASEMENTS OCCASIONALLY TO OVERFLOW, FLOOD AND SUBMERGE THE LAND AND ALL STRUCTURES AND IMPROVEMENTS LOCATED THEREON IN CONNECTION WITH THE OPERATION AND MAINTENANCE OF CARBON CANYON DAM AND CHANNEL PROJECT, TOGETHER WITH ALL RIGHT, TITLE AND INTEREST IN AND TO THE STRUCTURES AND IMPROVEMENTS SITUATED ON SAID PARCELS 1 AND 2, AS ACQUIRED BY THE UNITED STATES OF AMERICA BY DECLARATION OF TAKING DATED MAY 5, 1960 IN CASE NO. 597-60 T, CIVIL, UNITED STATES DISTRICT COURT, SOUTHERN DISTRICT OF CALIFORNIA, CENTRAL DIVISION, A CERTIFIED COPY OF WHICH WAS RECORDED JUNE 1, 1960 IN BOOK 5269, PAGE 79 OF OFFICIAL RECORDS, SUBJECT TO CERTAIN PROVISIONS AND RESERVATIONS THEREIN SET FORTH, TO WHICH RECORD REFERENCE IS MADE FOR FULL PARTICULARS.

34. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED JUNE 2, 1960 IN BOOK 5270, PAGE 440 OF OFFICIAL RECORDS,  
IN FAVOR OF: THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY.  
FOR: POLE LINES, CONDUITS AND INCIDENTAL PURPOSES.  
OVER: A PORTION OF THE LAND.

NOTE: RECORDED NOVEMBER 6, 1961 IN BOOK 5903, PAGE 672 OF OFFICIAL RECORDS, IS A DEED DATED OCTOBER 27, 1961, EXECUTED BY SAID COMPANY, QUITCLAIMING TO CHANSLOR-WESTERN OIL AND DEVELOPMENT COMPANY, A CORPORATION, A PORTION OF SAID EASEMENT.

35. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED AUGUST 12, 1960 IN BOOK 5373, PAGE 507 OF OFFICIAL RECORDS,  
IN FAVOR OF: SHELL OIL COMPANY, A DELAWARE CORPORATION.  
FOR: PIPE LINES AND INCIDENTAL PURPOSES.  
OVER: A PORTION OF THE LAND.

NOTE: AN ASSIGNMENT AND QUITCLAIM DATED SEPTEMBER 29, 1960, EXECUTED BY CHANSLOR-WESTERN OIL AND DEVELOPMENT COMPANY TO UNITED STATES OF AMERICA, OF ALL RIGHT, TITLE AND INTEREST IN A CERTAIN PIPE LINE OVER A PORTION OF THE LAND, RECORDED NOVEMBER 21, 1960 IN BOOK 5518, PAGE 102 OF OFFICIAL RECORDS. THE LOCATION OF THE CENTER LINE OF SAID PIPE LINE BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF LOT 2 OF BLOCK 2 OF YORBA LINDA TRACT, AS SHOWN ON A MAP RECORDED IN BOOK 5, PAGES 17 AND 18 OF MISCELLANEOUS MAPS, IN THE OFFICE OF THE RECORDER OF SAID COUNTY, SAID NORTHWEST CORNER, FOR THE PURPOSE OF THIS DESCRIPTION, BEING DESCRIBED AS NORTH 88° 51' 16" EAST, 1229.65 FEET ALONG THE MOST NORTHERLY LINE OF SAID TRACT FROM THE NORTHWEST CORNER OF LOT 1 OF BLOCK 1 OF SAID TRACT; THENCE ALONG THE NORTHERLY LINE OF SAID LOT 2, SOUTH 89° 59' 47" EAST, 443.68 FEET; THENCE LEAVING SAID NORTHERLY LINE NORTH 19° 01' 21" EAST, 688.32 FEET ALONG THE CENTER LINE OF ROSE DRIVE, 60.00 FEET WIDE, AS SHOWN ON ROAD MAP NO. 2-W, ON FILE IN THE OFFICE OF THE SURVEYOR OF SAID COUNTY; THENCE SOUTH 49° 40' 54" EAST 32.20 FEET TO THE TRUE POINT OF BEGINNING OF THIS DESCRIPTION; THENCE NORTH 19° 01' 21" EAST, 4039.04 FEET PARALLEL WITH THE CENTER LINE OF SAID ROSE DRIVE AND ITS NORTHEASTERLY PROLONGATION TO THE POINT OF ENDING, SAID POINT OF ENDING ALSO BEING NORTH 3° 14' 25" WEST 1489.87 FEET FROM THE CORNER COMMON TO SECTIONS 8, 9, 16 AND 17, AS SHOWN ON A MAP FILED IN BOOK 33, PAGE 37 OF RECORD OF SURVEYS IN THE OFFICE OF SAID RECORDER.

36. A BOUNDARY LINE AGREEMENT DATED JANUARY 12, 1961, BY AND BETWEEN SHELL OIL COMPANY, A DELAWARE CORPORATION, CHANSLOR-WESTERN OIL AND DEVELOPMENT COMPANY, A DELAWARE CORPORATION, SOCONY MOBIL OIL COMPANY, INC., A NEW YORK CORPORATION AND HUMBLE OIL & REFINING COMPANY, A DELAWARE CORPORATION, AS SUCCESSOR IN INTEREST TO MONTEREY OIL COMPANY, ESTABLISHING BOUNDARY LINES

Sec #22

DIVIDING THEIR RESPECTIVE PROPERTIES, RECORDED APRIL 25, 1961 IN BOOK 5700, PAGE 984 OF OFFICIAL RECORDS, TO WHICH RECORD REFERENCE IS MADE FOR FULL PARTICULARS.

NOTE: RECORDED JUNE 30, 1966 IN BOOK 7977, PAGE 210 OF OFFICIAL RECORDS, IS A CERTIFICATE DATED JUNE 24, 1966 BY G. H. KETCHUM, ASSISTANT SECRETARY OF MOBIL OIL CORPORATION, RECITING THAT NAME OF SOCONY MOBIL OIL COMPANY, INC., WAS CHANGED TO MOBIL OIL CORPORATION.

Sec #23

37. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED SEPTEMBER 12, 1961 IN BOOK 5845, PAGE 30 OF OFFICIAL RECORDS, IN FAVOR OF: GENERAL PETROLEUM CORPORATION, A CORPORATION.  
FOR: PIPE LINES AND INCIDENTAL PURPOSES.  
OVER: A PORTION OF THE LAND.

NOTE: RECORDED MARCH 28, 1963 IN BOOK 6485, PAGE 691 OF OFFICIAL RECORDS, IS A DEED DATED MARCH 20, 1963, EXECUTED BY SOCONY MOBIL OIL COMPANY, INC., A NEW YORK CORPORATION, SUCCESSOR BY MERGER TO GENERAL PETROLEUM CORPORATION, A CALIFORNIA CORPORATION, QUITCLAIMING ALL RIGHT, TITLE AND INTEREST IN AND TO CERTAIN PIPE LINES LOCATED ON THE LAND AND OTHER LAND, TO WHICH RECORD REFERENCE IS MADE FOR FULL PARTICULARS.

38. THE RIGHT, TITLE AND INTEREST IN AND TO THE LAND OF THE UNITED STATES OF AMERICA IN AND TO CERTAIN LICENSE AND PRESCRIPTIVE RIGHTS AND PRIVILEGES CONSISTING OF PIPE LINES, WASTE WATER LINES, AND TELEPHONE POLE LINES, AS DESCRIBED IN A QUITCLAIM DEED DATED MARCH 20, 1963 IN BOOK 6485, PAGE 691 OF OFFICIAL RECORDS, TO WHICH RECORD REFERENCE IS MADE FOR FULL PARTICULARS.

39. THE RIGHT, TITLE AND INTEREST OF THE UNITED STATES OF AMERICA BY VIRTUE OF A QUITCLAIM DEED DATED FEBRUARY 28, 1963, EXECUTED BY THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY TO THE UNITED STATES OF AMERICA OF ALL ITS RIGHT, TITLE AND INTEREST IN AND TO THE FOLLOWING:

LICENSE AGREEMENT DATED THE 15TH DAY OF MARCH, 1955, BY AND BETWEEN CHANSLOR-WESTERN OIL AND DEVELOPMENT COMPANY, A CORPORATION, FIRST PARTY, AND THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY, A CORPORATION, SECOND PARTY, AFFECTING THAT CERTAIN REAL PROPERTY SITUATED IN THE COUNTY OF ORANGE, STATE OF CALIFORNIA, AND DESCRIBED AS PORTIONS OF SECTIONS 8 AND 9, TOWNSHIP 3 SOUTH, RANGE 9 WEST, SAN BERNARDINO BASE AND MERIDIAN:

SAID DEED RECORDED APRIL 10, 1963 IN BOOK 6593, PAGE 168 OF OFFICIAL RECORDS.

40. INCIDENTS, EXCEPTIONS, RESERVATIONS AND RIGHTS CONTAINED IN THE DEED TO THE STATE OF CALIFORNIA, RECORDED DECEMBER 20, 1963 IN BOOK 6853, PAGE 373 OF OFFICIAL RECORDS.

41. QUITCLAIM DEED DATED AUGUST 9, 1966, EXECUTED BY SHELL OIL COMPANY, A CORPORATION, TO UNITED STATES OF AMERICA, OF ALL RIGHT, TITLE AND INTEREST IN AND TO CERTAIN WATER PIPE LINES OVER AND ACROSS A PORTION OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 9 WEST, AS THEREIN DESCRIBED, RECORDED SEPTEMBER 2, 1966 IN BOOK 8038, PAGE 941 OF OFFICIAL RECORDS.



42. A QUITCLAIM DEED AND CONVEYANCE DATED JULY 2, 1970, EXECUTED BY UNION OIL COMPANY OF CALIFORNIA, A CORPORATION, TO SHELL OIL COMPANY, A CORPORATION, OF ALL RIGHT, TITLE AND INTEREST IN AND TO A CERTAIN RIGHT OF WAY FOR A PIPE LINE OVER A PORTION OF SAID SECTIONS 8 AND 17, RECORDED JUNE 25, 1971 IN BOOK 9689, PAGE 109 OF OFFICIAL RECORDS.

43. THE EFFECT OF A MAP FILED IN BOOK 87, PAGES 47 AND 48 OF RECORD OF SURVEYS, PURPORTING TO SHOW THE HEREIN DESCRIBED AND OTHER LAND.

44. MATTERS DISCLOSED BY RECORD OF SURVEYS FILED IN BOOK 40, PAGE 30 OF RECORD OF SURVEYS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, WHICH SHOWS THE LOCATION OF SECTION AND QUARTER SECTION LINES OF SECTIONS 8, 9, 16 AND 17, TOWNSHIP 3 SOUTH, RANGE 9 WEST, SAN BERNARDINO MERIDIAN, TO BE AT VARIANCE FROM THOSE INDICATED BY THE OFFICIAL PLAT OF SAID LAND ON FILE IN THE DISTRICT LAND OFFICE.

45. THE TERMS, PROVISIONS AND CONDITIONS CONTAINED IN A DOCUMENT ENTITLED "AGREEMENT", EXECUTED BY AND BETWEEN SANTA FE ENERGY RESOURCES, INC., AND CLARK TINGEY HATCH AND QUENTA KELLIS HATCH, HUSBAND AND WIFE, RECORDED APRIL 8, 1992 AS INSTRUMENT NO. 92-222125 OF OFFICIAL RECORDS.

46. EASEMENTS, COVENANTS AND CONDITIONS CONTAINED IN THE DEED FROM SANTA FE ENERGY RESOURCES, INC., A DELAWARE CORPORATION, AS GRANTOR, TO SHELL WESTERN E & P INC., A DELAWARE CORPORATION, AS GRANTEE, RECORDED AUGUST 9, 1996 AS INSTRUMENT NO. 19960408949 OF OFFICIAL RECORDS. REFERENCE BEING MADE TO SAID DOCUMENT FOR FULL PARTICULARS.

sect 11

see # 10

DESCRIPTION

THE LAND REFERRED TO HEREIN IS SITUATED IN THE STATE OF CALIFORNIA, PARTLY IN THE COUNTY OF ORANGE, AND PARTLY IN THE CITY OF BREA, AND IS DESCRIBED AS FOLLOWS.

PARCEL A:

GOVERNMENT LOT 3 AND THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 9 WEST, SAN BERNARDINO MERIDIAN, ACCORDING THE OFFICIAL PLAT FILED IN THE DISTRICT LAND OFFICE FEBRUARY 17, 1868.

EXCEPTING THEREFROM THAT PORTION OF THE LAND LYING NORTHERLY OF THE SOUTHERLY LINE OF THE LAND DESCRIBED IN PARCELS 122, 122.1 AND 122.2 OF DEED TO COUNTY OF ORANGE, RECORDED JULY 31, 1975 IN BOOK 11471, PAGE 256 OF OFFICIAL RECORDS.

PARCEL B:

PARCEL B1:

LOT 4 AND THE SOUTH HALF OF THE SOUTHEAST QUARTER OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 9 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO THE OFFICIAL PLAT FILED IN THE DISTRICT LAND OFFICE, FEBRUARY 17, 1868.

EXCEPTING THEREFROM THAT PORTION LYING EASTERLY OF THE WESTERLY LINE OF TRACT NO. 100 AS DESCRIBED IN THAT CERTAIN DECLARATION OF TAKING RECORDED JUNE 1, 1960 IN BOOK 5269, PAGE 79 OF OFFICIAL RECORDS OF ORANGE COUNTY, CALIFORNIA.

ALSO EXCEPTING THEREFROM THAT PORTION LYING SOUTHWESTERLY OF THE NORTHEASTERLY LINE OF ROSE AVENUE AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED APRIL 4, 1961 IN BOOK 5676, PAGE 994 OF SAID OFFICIAL RECORDS.

PARCEL B2:

THAT PORTION OF LOT 1 AND THE NORTHEAST QUARTER OF SECTION 17, TOWNSHIP 3 SOUTH, RANGE 9 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO THE OFFICIAL PLAT FILED IN THE DISTRICT LAND OFFICE FEBRUARY 17, 1868, LYING NORTHERLY OF THE NORTHERLY LINE OF THE OLINDA TRACT, AS SHOWN ON A MAP RECORDED IN BOOK 31, PAGES 37 AND 38 OF MISCELLANEOUS RECORDS, OF LOS ANGELES COUNTY, CALIFORNIA.

EXCEPTING THEREFROM THAT PORTION LYING EASTERLY, SOUTHERLY AND SOUTHEASTERLY OF THE WESTERLY, NORTHERLY AND NORTHWESTERLY LINES OF TRACTS NO. 100 AND 119 AS DESCRIBED IN THAT CERTAIN DECLARATION OF TAKING RECORDED JUNE 1, 1960 IN BOOK 5269, PAGE 79 OF OFFICIAL RECORDS OF ORANGE COUNTY, CALIFORNIA.

ALSO EXCEPTING THEREFROM THAT PORTION LYING SOUTHWESTERLY OF THE NORTHEASTERLY LINE OF ROSE AVENUE AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED APRIL 4, 1961 IN BOOK 5676, PAGE 994 OF SAID OFFICIAL RECORDS.

PARCEL C: (CITY OF BREA)

## PARCEL C1:

THAT PORTION OF FRACTIONAL SECTION 17, TOWNSHIP 3 SOUTH, RANGE 9 WEST, OF SAN BERNARDINO MERIDIAN, ACCORDING TO THE OFFICIAL PLAT OF SAID LAND FILED IN THE DISTRICT LAND OFFICE, FEBRUARY 17, 1868, ALSO SHOWN AS SECTION 17, TOWNSHIP 3 SOUTH, RANGE 9 WEST, AS PER MAP FILED IN BOOK 33, PAGE 37 OF RECORD OF SURVEYS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT DISTANT NORTH 89 DEG. 59' 47" WEST 364.72 FEET ALONG THE NORTHERLY LINE OF LOT 1 IN BLOCK 2 OF THE YORBA LINDA TRACT, AS PER MAP RECORDED IN BOOK 5, PAGES 17 AND 18 OF MISCELLANEOUS MAPS OF SAID COUNTY; THENCE NORTH 0 DEG. 29' 53" EAST 244.38 FEET; THENCE NORTH 49 DEG. 40' 54" WEST 1300.28 FEET; THENCE WEST 400.56 FEET; THENCE NORTH 23 DEG. 20' 42" WEST 99.79 FEET; THENCE NORTH 64 DEG. 39' 18" EAST 71.92 FEET; THENCE NORTH 1000.42 FEET; THENCE SOUTH 77 DEG. 50' 44" WEST 410.02 FEET; THENCE NORTH 22 DEG. 03' 08" WEST 119.58 FEET; THENCE NORTH 65 DEG. 59' 09" WEST 69.73 FEET; THENCE NORTH 85 DEG. 14' 54" WEST 123.49 FEET; THENCE SOUTH 48 DEG. 40' 32" WEST 138.43 FEET; THENCE SOUTH 29 DEG. 16' 05" WEST 102.70 FEET; THENCE SOUTH 13 DEG. 44' 44" WEST 74.07 FEET; THENCE SOUTH 88 DEG. 00' 18" WEST 22.68 FEET TO A POINT IN THE EASTERLY LINE OF ROSE DRIVE 60.00 FEET WIDE, AS DESCRIBED IN A QUITCLAIM DEED RECORDED ON APRIL 4, 1961 IN BOOK 5676, PAGE 994 OF OFFICIAL RECORDS OF SAID COUNTY; THENCE SOUTHERLY ALONG SAID EASTERLY LINE OF ROSE DRIVE TO THE NORTHERLY LINE OF SAID LOT 1 IN BLOCK 2; THENCE EASTERLY ALONG THE NORTHERLY LINE OF THE POINT OF BEGINNING.

## PARCEL C2:

THAT PORTION OF BLOCK 64 OF THE OLINDA TRACT, AS SHOWN ON A MAP RECORDED IN BOOK 31, PAGES 37 AND 38 OF MISCELLANEOUS RECORDS OF LOS ANGELES COUNTY, CALIFORNIA, LYING EASTERLY OF THE EASTERLY LINE OF ROSE AVENUE, AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED APRIL 4, 1966 IN BOOK 5676, PAGE 994 OF OFFICIAL RECORDS OF ORANGE COUNTY, CALIFORNIA.

EXCEPTING THEREFROM THAT PORTION LYING EASTERLY OF THE WESTERLY LINE OF TRACT NO. 119, AS DESCRIBED IN THAT CERTAIN DECLARATION OF TAKING RECORDED JUNE 1, 1960 IN BOOK 5269, PAGE 79 OF SAID OFFICIAL RECORDS.

ALSO EXCEPTING THEREFROM THAT PORTION INCLUDED WITHIN PARCEL C-1 HEREINABOVE DESCRIBED.

PARCEL D:

THAT PORTION OF THE EAST 1/2 OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 9 WEST, SAN BERNARDINO MERIDIAN, ACCORDING TO THE OFFICIAL PLAT FILED IN THE DISTRICT LAND OFFICE, FEBRUARY 17, 1868, DESCRIBED AS FOLLOWS:

BEGINNING AT THE CORNER COMMON TO SECTION 8, 9, 16 AND 17, SAID TOWNSHIP AND RANGE, ACCORDING TO THE MAP FILED IN BOOK 33, PAGE 37 OF RECORD OF SURVEYS, IN THE OFFICE OF THE COUNTY RECORDER OF ORANGE COUNTY, CALIFORNIA; THENCE ALONG THE EAST LINE OF SAID SECTION 8, NORTH 1° 20' 08" EAST 833.73 FEET; THENCE NORTH 88° 33' 38" WEST 416.85 FEET; THENCE NORTH 87° 58' 26" WEST 734.97 FEET TO THE TRUE POINT OF BEGINNING; THENCE NORTH 87° 58' 26" WEST 584.44 FEET; THENCE NORTH 1° 53' 04" EAST 858.64 FEET; THENCE NORTH 72° 45' 17" EAST 41.05 FEET; THENCE SOUTH 68° 24' 00" EAST 79.78 FEET; THENCE SOUTH 50° 28' 12" EAST 74.21



FEET; THENCE SOUTH 63° 45' 39" EAST 115.87 FEET; THENCE NORTH 20° 14' 32" EAST 49.82 FEET; THENCE SOUTH 88° 29' 08" EAST 73.17 FEET; THENCE SOUTH 62° 35' 09" EAST 63.00 FEET; THENCE SOUTH 48° 20' 43" EAST 185.08 FEET; THENCE SOUTH 45° 06' 24" EAST 115.78 FEET; THENCE SOUTH 23° 51' 00" EAST 118.24 FEET; THENCE SOUTH 3° 26' 36" EAST 208.34 FEET; THENCE SOUTH 6° 39' 41" WEST 51.00 FEET; THENCE SOUTH 19° 08' 21" WEST 95.94 FEET; THENCE SOUTH 31° 42' 38" WEST 106.31 FEET; THENCE SOUTH 63° 16' 52" WEST 58.65 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 8, DISTANT 350.00 FEET NORTH 18° 40' 00" EAST FROM THE SOUTHWEST CORNER OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 8; THENCE NORTH 66° 25' 00" EAST 102.70 FEET; THENCE NORTH 19° 29' 00" EAST 292.40 FEET; THENCE NORTH 162.50 FEET; THENCE NORTH 82° 05' 00" WEST 152.80 FEET; THENCE SOUTH 36° 45' 00" WEST 213.40 FEET; THENCE SOUTH, PARALLEL WITH AND DISTANT 25.00 FEET EAST FROM THE WEST LINE OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 8, A DISTANCE OF 130.00 FEET; THENCE SOUTH 23° 35' 00" EAST 217.50 FEET TO THE POINT OF BEGINNING.

ALSO EXCEPTING THEREFROM THAT PORTION INCLUDED WITHIN THE LAND DESCRIBED IN THE DEED TO THE STATE OF CALIFORNIA RECORDED DECEMBER 20, 1963 IN BOOK 6853, PAGE 373 OF OFFICIAL RECORDS OF SAID ORANGE COUNTY.

ALSO EXCEPTING THEREFROM ALL OIL, GAS, AND OTHER HYDROCARBON AND MINERAL SUBSTANCES AND GEOTHERMAL RIGHTS IN AND UNDER THE LAND, BUT WITHOUT THE RIGHT TO PENETRATE, USE OR DISTURB THE PROPERTY WITHIN 300 FEET OF THE SURFACE THEREOF, AS RESERVED BY SANTA FE ENERGY RESOURCES, INC., A DELAWARE CORPORATION IN THE GRANT DEED RECORDED AUGUST 9, 1996 AS INSTRUMENT NO. 19960408949 OF OFFICIAL RECORDS.

\* \* \* \* \*

**WARNING**

"THE MAP ATTACHED HERETO MAY OR MAY NOT BE A SURVEY OF THE LAND DEPICTED THEREON. YOU SHOULD NOT RELY UPON IT FOR ANY PURPOSE OTHER THAN ORIENTATION TO THE GENERAL LOCATION OF THE PARCEL OR PARCELS DEPICTED. FIRST AMERICAN EXPRESSLY DISCLAIMS ANY LIABILITY FOR ALLEGED LOSS OR DAMAGE WHICH MAY RESULT FROM RELIANCE UPON THIS MAP".

TB  
PLATS (CC&R'S, IF ANY) ENCLOSED.

NOTE: WIRING INSTRUCTIONS FOR SUB-ESCROW DEPOSITS ARE AS FOLLOWS:

FIRST AMERICAN TRUST COMPANY	ACCOUNT #15030	ABA #122241255
421 N. MAIN STREET	ACCOUNT NAME:	FIRST AMERICAN
SANTA ANA, CA 92701		TITLE COMPANY

CREDIT TO FIRST AMERICAN TITLE COMPANY

OR-2226118

TITLE OFFICER - RONALD J. GOMEZ

**DISREGARD IF FIRST AMERICAN IS YOUR ESCROW SETTLEMENT AGENT --**

**CONTACT ESCROW OFFICER FOR WIRING INSTRUCTIONS**

COPY WITH PLAT (AND CC&R, IF ANY) TO:

HUNSAKER & ASSOCIATES IRVINE INC.  
THREE HUGHES DRIVE  
IRVINE, CALIFORNIA 92718  
ATTN: DOUG STALEY

## **PRIVACY POLICY**

### **WE ARE COMMITTED TO SAFEGUARDING CUSTOMER INFORMATION**

IN ORDER TO BETTER SERVE YOUR NEEDS NOW AND IN THE FUTURE, WE MAY ASK YOU TO PROVIDE US WITH CERTAIN INFORMATION. WE UNDERSTAND THAT YOU MAY BE CONCERNED ABOUT WHAT WE WILL DO WITH SUCH INFORMATION-PARTICULARLY ANY PERSONAL OR FINANCIAL INFORMATION. WE AGREE THAT YOU HAVE A RIGHT TO KNOW HOW WE WILL UTILIZE THE PERSONAL INFORMATION YOU PROVIDE TO US. THEREFORE, TOGETHER WITH OUR PARENT COMPANY, THE FIRST AMERICAN CORPORATION, WE HAVE ADOPTED THIS PRIVACY POLICY TO GOVERN THE USE AND HANDLING OF YOUR PERSONAL INFORMATION.

### **APPLICABILITY**

THIS PRIVACY POLICY GOVERNS OUR USE TO THE INFORMATION WHICH YOU PROVIDE TO US. IT DOES NOT GOVERN THE MANNER IN WHICH WE MAY USE INFORMATION WE HAVE OBTAINED FROM ANY OTHER SOURCE, SUCH AS INFORMATION OBTAINED FROM A PUBLIC RECORD OR FROM ANOTHER PERSON OR ENTITY. FIRST AMERICAN HAS ALSO ADOPTED BROADER GUIDELINES THAT GOVERN OUR USE OF PERSONAL INFORMATION REGARDLESS OF ITS SOURCE. FIRST AMERICAN CALLS THESE GUIDELINES ITS *FAIR INFORMATION VALUES*, A COPY OF WHICH CAN BE FOUND ON OUR WEBSITE AT [WWW.FIRSTAM.COM](http://WWW.FIRSTAM.COM).

### **TYPES OF INFORMATION**

DEPENDING UPON WHICH OF OUR SERVICES YOU ARE UTILIZING, THE TYPES OF NONPUBLIC PERSONAL INFORMATION THAT WE MAY COLLECT INCLUDE

- INFORMATION WE RECEIVED FROM YOU ON APPLICATIONS, FORMS AND IN OTHER COMMUNICATIONS TO US, WHETHER IN WRITING, IN PERSON, BY TELEPHONE OR ANY OTHER MEANS,
- INFORMATION ABOUT YOUR TRANSACTIONS WITH US, OUR AFFILIATED COMPANIES, OR OTHERS, AND
- INFORMATION WE RECEIVE FROM A CONSUMER REPORTING AGENCY

### **USE OF INFORMATION**

WE REQUEST INFORMATION FROM YOU FOR OUR OWN LEGITIMATE BUSINESS PURPOSES AND NOT FOR THE BENEFIT OF ANY NONAFFILIATED PARTY. THEREFORE, WE WILL NOT RELEASE YOUR INFORMATION TO NONAFFILIATED PARTIES EXCEPT (1) AS NECESSARY FOR US TO PROVIDE THE PRODUCT OR SERVICE YOU HAVE REQUESTED OF US, OR (2) AS PERMITTED BY LAW. WE MAY, HOWEVER, STORE SUCH INFORMATION INDEFINITELY, INCLUDING THE PERIOD AFTER WHICH ANY CUSTOMER RELATIONSHIP HAS CEASED. SUCH INFORMATION MAY BE USED FOR ANY INTERNAL PURPOSE, SUCH AS QUALITY CONTROL EFFORTS OR CUSTOMER ANALYSIS. WE MAY ALSO PROVIDE ALL OF THE TYPES OF NONPUBLIC PERSONAL INFORMATION LISTED ABOVE TO ONE OR MORE OF OUR AFFILIATED COMPANIES. SUCH AFFILIATED COMPANIES INCLUDE FINANCIAL SERVICE PROVIDERS, SUCH AS TITLE INSURERS, PROPERTY AND CASUALTY INSURERS, AND TRUST AND INVESTMENT ADVISORY COMPANIES, OR COMPANIES INVOLVED IN REAL ESTATE SERVICES, SUCH AS APPRAISAL COMPANIES, HOME WARRANTY COMPANIES, AND ESCROW COMPANIES. FURTHERMORE, WE MAY ALSO PROVIDE ALL THE INFORMATION WE COLLECT, AS DESCRIBED ABOVE, TO COMPANIES THAT PERFORM MARKETING SERVICES ON OUR BEHALF, ON BEHALF OF OUR AFFILIATED COMPANIES, OR TO OTHER FINANCIAL INSTITUTIONS WITH WHOM WE OR OUR AFFILIATED COMPANIES HAVE JOINT MARKETING AGREEMENTS.

### **FORMER CUSTOMERS**

EVEN IF YOU ARE NO LONGER OUR CUSTOMER, OUR PRIVACY POLICY WILL CONTINUE TO APPLY TO YOU.

### **CONFIDENTIALITY AND SECURITY**

WE WILL USE OUR BEST EFFORTS TO ENSURE THAT NO UNAUTHORIZED PARTIES HAVE ACCESS TO ANY OF YOUR INFORMATION. WE RESTRICT ACCESS TO NONPUBLIC PERSONAL INFORMATION ABOUT YOU TO THOSE INDIVIDUALS AND ENTITIES WHO NEED TO KNOW THAT INFORMATION TO PROVIDE PRODUCTS OR SERVICES TO YOU. WE WILL USE OUR BEST EFFORTS TO TRAIN AND OVERSEE OUR EMPLOYEES AND AGENTS TO ENSURE THAT YOUR INFORMATION WILL BE HANDLED RESPONSIBLY AND IN ACCORDANCE WITH THIS PRIVACY POLICY AND FIRST AMERICAN'S *FAIR INFORMATION VALUES*. WE CURRENTLY MAINTAIN PHYSICAL, ELECTRONIC, AND PROCEDURAL SAFEGUARDS THAT COMPLY WITH FEDERAL REGULATIONS TO GUARD YOUR NONPUBLIC PERSONAL INFORMATION.



**NOTICE**

SECTION 12413.1 OF THE CALIFORNIA INSURANCE CODE, EFFECTIVE JANUARY 1, 1990, REQUIRES THAT ANY TITLE INSURANCE COMPANY, UNDERWRITTEN TITLE COMPANY, OR CONTROLLED ESCROW COMPANY HANDLING FUNDS IN AN ESCROW OR SUB-ESCROW CAPACITY, WAIT A SPECIFIED NUMBER OF DAYS AFTER DEPOSITING FUNDS, BEFORE RECORDING ANY DOCUMENTS IN CONNECTION WITH THE TRANSACTION OR DISBURSING FUNDS. THIS STATUTE ALLOWS FOR FUNDS DEPOSITED BY WIRE TRANSFER TO BE DISBURSED THE SAME DAY AS DEPOSIT. IN THE CASE OF CASHIER'S CHECKS OR CERTIFIED CHECKS, FUNDS MAY BE DISBURSED THE NEXT DAY AFTER DEPOSIT. IN ORDER TO AVOID UNNECESSARY DELAYS OF THREE TO SEVEN DAYS, OR MORE, PLEASE USE WIRE TRANSFER, CASHIER'S CHECKS, OR CERTIFIED CHECKS WHENEVER POSSIBLE.

IF YOU HAVE ANY QUESTIONS ABOUT THE EFFECT OF THIS NEW LAW, PLEASE CONTACT YOUR LOCAL FIRST AMERICAN OFFICE FOR MORE DETAILS.

\*\*\*\*\*

**NOTICE**

IN ACCORDANCE WITH SECTIONS 18662 AND 18668 OF THE REVENUE AND TAXATION CODE, A BUYER MAY BE REQUIRED TO WITHHOLD AN AMOUNT EQUAL TO THREE AND ONE-THIRD PERCENT OF THE SALES PRICE IN THE CASE OF THE DISPOSITION OF CALIFORNIA REAL PROPERTY INTEREST BY EITHER:

1 A SELLER WHO IS AN INDIVIDUAL WITH A LAST KNOWN STREET ADDRESS OUTSIDE OF CALIFORNIA OR WHEN THE DISBURSEMENT INSTRUCTIONS AUTHORIZE THE PROCEEDS BE SENT TO A FINANCIAL INTERMEDIARY OF THE SELLER, OR

2 A CORPORATE SELLER WHICH HAS NO PERMANENT PLACE OF BUSINESS IN CALIFORNIA

THE BUYER MAY BECOME SUBJECT TO PENALTY FOR FAILURE TO WITHHOLD AN AMOUNT EQUAL TO THE GREATER OF 10 PERCENT OF THE AMOUNT REQUIRED TO BE WITHHELD OR FIVE HUNDRED DOLLARS (\$500)

HOWEVER, NOTWITHSTANDING ANY OTHER PROVISION INCLUDED IN THE CALIFORNIA STATUTES REFERENCED ABOVE, NO BUYER WILL BE REQUIRED TO WITHHOLD ANY AMOUNT OR BE SUBJECT TO PENALTY FOR FAILURE TO WITHHOLD IF:

1 THE SALES PRICE OF THE CALIFORNIA REAL PROPERTY CONVEYED DOES NOT EXCEED ONE HUNDRED THOUSAND DOLLARS (\$100,000), OR

2 THE SELLER EXECUTES A WRITTEN CERTIFICATE, UNDER THE PENALTY OF PERJURY, CERTIFYING THAT THE SELLER IS A RESIDENT OF CALIFORNIA, OR IF A CORPORATION, HAS A PERMANENT PLACE OF BUSINESS IN CALIFORNIA, OR

3 THE SELLER, WHO IS AN INDIVIDUAL, EXECUTES A WRITTEN CERTIFICATE, UNDER THE PENALTY OF PERJURY, THAT THE CALIFORNIA REAL PROPERTY BEING CONVEYED IS THE SELLER'S PRINCIPAL RESIDENCE (AS DEFINED IN SECTION 1034 OF THE INTERNAL REVENUE CODE).

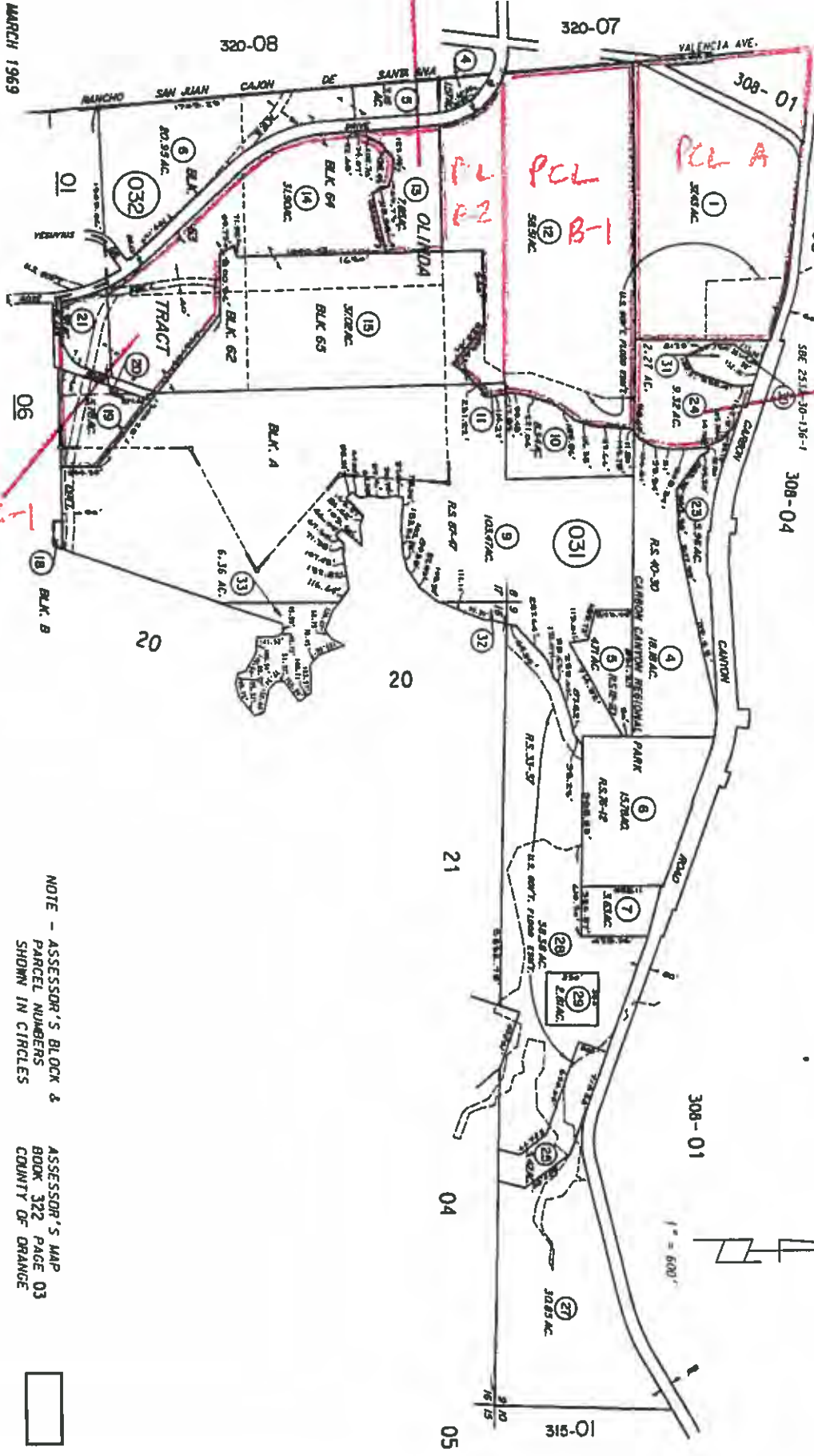
THE SELLER IS SUBJECT TO PENALTY FOR KNOWINGLY FILING A FRAUDULENT CERTIFICATE FOR THE PURPOSE OF AVOIDING THE WITHHOLDING REQUIREMENT.

THE CALIFORNIA STATUTES REFERENCED ABOVE INCLUDE PROVISIONS WHICH AUTHORIZE THE FRANCHISE TAX BOARD TO GRANT REDUCED WITHHOLDING AND WAIVERS FROM WITHHOLDING ON A CASE-BY-CASE BASIS

THE PARTIES TO THIS TRANSACTION SHOULD SEEK AN ATTORNEY'S, ACCOUNTANT'S, OR OTHER TAX SPECIALIST'S OPINION CONCERNING THE EFFECT OF THIS LAW ON THIS TRANSACTION AND SHOULD NOT ACT ON ANY STATEMENTS MADE OR OMITTED BY THE ESCROW OR CLOSING OFFICER.

PCL C-2

MARCH 1969



THIS MAP WAS PREPARED FOR ORANGE COUNTY ASSESSOR'S DEPT. PURPOSES ONLY. THE ASSESSOR MAKES NO GUARANTEE AS TO ITS ACCURACY NOR ASSUMES ANY LIABILITY FOR OTHER USES. © COPYRIGHT ORANGE COUNTY ASSESSOR 2001

FOR SECTIONS 8, 9, 16 & 17, T 3 S. R 9 W SEE SPECIAL PAGE 322-039 FOR FEE TITLE ASSESSED BELOW SURFACE

PCL B-1

PCL D

NOTE - ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN CIRCLES

ASSESSOR'S MAP BOOK 322 PAGE 03 COUNTY OF ORANGE



32203.06  
322-03  
SURFACE

**First American Title Insurance Company**  
THIS MAP IS FOR INFORMATION ONLY AND IS NOT A PART OF THIS TITLE EVIDENCE

**EXHIBIT A**  
**LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (By Policy Type)**

**1. CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990**  
**SCHEDULE B**

**EXCEPTIONS FROM COVERAGE**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

- 1 Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notice of such proceedings, whether or not shown by the records of such agency or by the public records.
- 2 Any facts, rights, interests or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
- 3 Easements, liens or encumbrances, or claims thereof, which are not shown by the public records
- 4 Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
- 5 (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land, (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
  - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy; or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by their policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

**2. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970**  
**SCHEDULE OF EXCLUSIONS FROM COVERAGE**

- 1 Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions of area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
- 2 Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy
- 3 Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy; or (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

**3. AMERICAN LAND TITLE ASSOCIATION OWNERS POLICY FORM B - 1970**  
**WITH REGIONAL EXCEPTIONS**

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 2 above are used and the following exceptions to coverage appear in the policy.

**SCHEDULE B**

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:

- Part One
- 1 Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
  - 2 Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof
  - 3 Easements, claims of easement or encumbrances which are not shown by the public records.
  - 4 Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records
  - 5 Unpatented mining claims, reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
  - 6 Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.



**4. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970  
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE  
SCHEDULE OF EXCLUSIONS FROM COVERAGE**

- 1 Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law ordinance or governmental regulation.
- 2 Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy
- 3 Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy (except to the extent insurance is afforded herein as to any statutory lien for labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy).
- 4 Unenforceability of the lien of the insured mortgage because of failure of the insured at Date of Policy or of any subsequent owner of the indebtedness to comply with applicable "doing business" laws of the state in which the land is situated.

**5. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970 WITH REGIONAL EXCEPTIONS**

When the American Land Title Association Lenders Policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy, the exclusions set forth in paragraph 4 above are used and the following exceptions to coverage appear in the policy.

**SCHEDULE B**

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:

**Part One**

- 1 Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records
- 2 Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
- 3 Easements, claims of easement or encumbrances which are not shown by the public records.
- 4 Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records
- 5 Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
- 6 Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

**6. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992  
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE  
EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land, (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- 2 Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to the Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
- 3 Defects, liens, encumbrances, adverse claims, or other matters:
  - (a) created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or the extent insurance is afforded herein as to assessments for street improvements under construction or completed at date of policy); or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
- 4 Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable "doing business" laws of the state in which the land is situated.
- 5 Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
- 6 Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
- 7 Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
  - (i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
  - (ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
  - (iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
    - (a) to timely record the instrument of transfer; or
    - (b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

**7. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992 WITH REGIONAL EXCEPTIONS**

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 6 above are used and the following exceptions to coverage appear in the policy.

## SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

- 1 Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
- 2 Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
- 3 Easements, claims of easement or encumbrances which are not shown by the public records.
- 4 Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
- 5 Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
- 6 Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

### 8. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992 EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

- 1 (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land, (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part, or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- 2 Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to the Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
- 3 Defects, liens, encumbrances, adverse claims, or other matters:
  - (a) created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy; or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
- 4 Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
  - (i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
  - (ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
    - (a) to timely record the instrument of transfer; or
    - (b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

### 9. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992 WITH REGIONAL EXCEPTIONS

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 8 above are used and the following exceptions to coverage appear in the policy

## SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

### Part One

- 1 Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
- 2 Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
- 3 Easements, claims of easement or encumbrances which are not shown by the public records.
- 4 Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
- 5 Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
- 6 Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

### 10. AMERICAN LAND TITLE ASSOCIATION RESIDENTIAL TITLE INSURANCE POLICY - 1987 EXCLUSIONS

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees and expenses resulting from:

- 1 Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning
  - land use
  - land division
  - improvements on the land
  - environmental protectionThis exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date. This exclusion does not limit the zoning coverage described in Items 12 and 13 of Covered Title Risks.
- 2 The right to take the land by condemning it, unless:
  - a notice of exercising the right appears in the public records on the Policy Date
  - the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking.
- 3 Title Risks
  - that are created, allowed, or agreed to by you
  - that are known to you, but not to us, on the Policy Date - unless they appeared in the public records
  - that result in no loss to you
  - that first affect your title after the Policy Date - this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
- 4 Failure to pay value for your title.
- 5 Lack of a right:
  - to any land outside the area specifically described and referred to in Item 3 of Schedule A, or
  - in streets, alleys, or waterways that touch your landThis exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

**ADDENDUM TO EXHIBIT A  
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (By Policy Type)**

**11. EAGLE PROTECTION OWNER'S POLICY**

**CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998  
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 1998**

**Covered Risks 14 (Subdivision Law Violation), 15 (Building Permit), 16 (Zoning) and 18 (Encroachment of boundary walls or fences) are Subject to Deductible Amounts and Maximum Dollar Limits of Liability**

**EXCLUSIONS**

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes ordinances, laws and regulations concerning:
  - a. building
  - b. zoning
  - c. land use
  - d. improvements on the land
  - e. land division
  - f. environmental protection

This Exclusion does not apply to violations or the enforcement of these matters if notice of the violation or enforcement appears in the Public Records at the Policy Date.

This Exclusion does not limit the coverage described in Covered Risk 14, 15, 16, 17 or 24.

2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not apply to violations of building codes if notice of the violation appears in the Public Records at the Policy Date.
3. The right to take the Land by condemning it, unless:
  - a. a notice of exercising the right appears in the Public Records at the Policy Date; or
  - b. the taking happened before the Policy Date and is binding on You if You bought the Land without Knowing of the taking
4. Risks
  - a. that are created, allowed, or agreed to by You, whether or not they appear in the Public Records;
  - b. that are Known to You at the Policy Date, but not to Us, unless they appear in the Public Records at the Policy Date;
  - c. that result in no loss to You; or
  - d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8 d, 22, 23, 24 or 25
5. Failure to pay value for Your Title
6. Lack of a right
  - a. to any Land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
  - b. in streets, alleys, or waterways that touch the Land

This Exclusion does not limit the coverage described in Covered Risk 11 or 18.

**12. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992 WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE WITH EAGLE PROTECTION ADDED**

**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any, law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the Land; (iii) a separation in ownership or a change in the dimensions or area of the Land or any parcel of which the Land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the Land has been recorded in Public Records at Date of Policy. This exclusion does not limit the coverage provided under insuring provisions 14, 15, 16 and 24 of this policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the Public Records at Date of Policy. This exclusion does not limit the coverage provided under insuring provisions 14, 15, 16 and 24 of this policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the Public Records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without Knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
  - (a) created, suffered, assumed or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (this paragraph (d) does not limit the coverage provided under insuring provisions 7, 8, 16, 17, 19, 20, 21, 23, 24 and 25); or
  - (e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of the Insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable doing business laws of the state in which the Land is situated.



5. Invalidity or unenforceability of the lien of the Insured Mortgage, or claim thereof, which arises out of the transaction evidenced by the Insured Mortgage and is based upon:
    - (a) usury, except as provided under insuring provision 10 of this policy; or
    - (b) any consumer credit protection or truth in lending law.
  6. Taxes or assessments of any taxing or assessment authority which become a lien on the Land subsequent to Date of Policy.
  7. Any claim, which arises out of the transaction creating the interest of the mortgage insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
    - (a) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
    - (b) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
    - (c) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
      - (i) to timely record the instrument of transfer; or
      - (ii) of such recordation of impart notice to a purchaser for value or a judgment or lien creditor.
  8. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This exclusion does not limit the coverage provided under insuring provision 7.
  9. Lack of priority of the lien of the Insured Mortgage as to each and every advance made after Date of Policy, and all interest charged thereon, over liens, encumbrances and other matters affecting title, the existence of which are Known to the Insured at:
    - (a) The time of the advance; or
    - (b) The time a modification is made to the terms of the Insured Mortgage which changes the rate of interest charged, if the rate of interest is greater as a result of the modification than it would have been before the modification.
- This exclusion does not limit the coverage provided under insuring provision 7.

#### SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Environmental protection liens provided for by the following existing statutes, which liens will have priority over the lien of the Insured Mortgage when they arise: NONE.

### 13. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY – 1992 WITH EAGLE PROTECTION ADDED WITH REGIONAL EXCEPTIONS

When the American Land Title Association loan policy with EAGLE Protection Added is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 12 above are used and the following exceptions to coverage appear in the policy:

#### SCHEDULE B

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

##### Part One:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims, reservations or exceptions in patents or in acts authorizing the issuance thereof, water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

##### Part Two:

1. Environmental protection liens provided for by the following existing statutes, which liens will have priority over the lien of the Insured Mortgage when they arise: NONE.

***First American Title Insurance Company***

114 East Fifth Street, Santa Ana, California 92701  
(P.O. Box 267, Santa Ana, California 92702)  
(714) 558-3211

SHELL E & P  
3030 SATURN, STE. 101  
BREA, CALIFORNIA 92621  
ATTN: JEFFREY MAISCH

YOUR NO. CALRESOURCES LLC

IN RESPONSE TO THE ABOVE REFERENCED APPLICATION FOR A POLICY OF TITLE INSURANCE, THIS COMPANY HEREBY REPORTS THAT IT IS PREPARED TO ISSUE, OR CAUSE TO BE ISSUED, AS OF THE DATE HEREOF, A POLICY OR POLICIES OF TITLE INSURANCE DESCRIBING THE LAND AND THE ESTATE OR INTEREST THEREIN HEREINAFTER SET FORTH, INSURING AGAINST LOSS WHICH MAY BE SUSTAINED BY REASON OF ANY DEFECT, LIEN OR ENCUMBRANCE NOT SHOWN OR REFERRED TO AS AN EXCEPTION BELOW OR NOT EXCLUDED FROM COVERAGE PURSUANT TO THE PRINTED SCHEDULES, CONDITIONS AND STIPULATIONS OF THE POLICY FORMS.

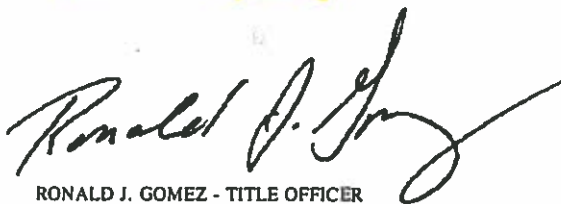
THE PRINTED EXCEPTIONS AND EXCLUSIONS FROM THE COVERAGE OF THE POLICY OR POLICIES ARE SET FORTH IN EXHIBIT A ATTACHED. COPIES OF THE POLICY FORMS SHOULD BE READ. THEY ARE AVAILABLE FROM THE OFFICE WHICH ISSUED THIS REPORT.

THIS REPORT (AND ANY SUPPLEMENTS OR AMENDMENTS HERETO) IS ISSUED SOLELY FOR THE PURPOSE OF FACILITATING THE ISSUANCE OF A POLICY OF TITLE INSURANCE AND NO LIABILITY IS ASSUMED HEREBY. IF IT IS DESIRED THAT LIABILITY BE ASSUMED PRIOR TO THE ISSUANCE OF A POLICY OF TITLE INSURANCE, A BINDER OR COMMITMENT SHOULD BE REQUESTED.

PLEASE READ THE EXCEPTIONS SHOWN OR REFERRED TO BELOW AND THE EXCEPTIONS AND EXCLUSIONS SET FORTH IN EXHIBIT A OF THIS REPORT CAREFULLY. THE EXCEPTIONS AND EXCLUSIONS ARE MEANT TO PROVIDE YOU WITH NOTICE OF MATTERS WHICH ARE NOT COVERED UNDER THE TERMS OF THE TITLE INSURANCE POLICY AND SHOULD BE CAREFULLY CONSIDERED.

IT IS IMPORTANT TO NOTE THAT THIS PRELIMINARY REPORT IS NOT A WRITTEN REPRESENTATION AS TO THE CONDITION OF TITLE AND MAY NOT LIST ALL LIENS, DEFECTS, AND ENCUMBRANCES AFFECTING TITLE TO THE LAND.

DATED AS OF **DECEMBER 22, 1998** AT 7:30 A.M.



BY RONALD J. GOMEZ - TITLE OFFICER

THE FORM OF POLICY OF TITLE INSURANCE CONTEMPLATED BY THIS REPORT IS:

AMERICAN LAND TITLE ASSOCIATION OWNERS POLICY.

TITLE TO THE ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

**CALRESOURCES LLC, A CALIFORNIA LIMITED LIABILITY COMPANY.**

THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

**A FEE.**

AT THE DATE HEREOF EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN THE POLICY FORM WOULD BE AS FOLLOWS:

**1. SECOND INSTALLMENT GENERAL AND SPECIAL TAXES FOR THE FISCAL YEAR 1998-1999, NOW A LIEN NOT YET DELINQUENT; AMOUNT \$149,320.63;**

**CODE AREA: 78-072.**

**A. P. NO.: 320-071-27 AND 320-073-04.**

**2. THE LIEN OF SUPPLEMENTAL TAXES ASSESSED PURSUANT TO CHAPTER 3.5 COMMENCING WITH SECTION 75 OF THE CALIFORNIA REVENUE AND TAXATION CODE.**

**3. THE RESERVATION FOR ROADS, RAILROADS AND DITCHES OF A STRIP OF LAND 30 FEET WIDE, ALONG, ADJOINING AND EACH SIDE OF THE TOWNSHIP AND SECTION LINES, AND THE RESERVATION FOR ROADS, RAILROADS AND DITCHES OF A STRIP OF LAND 20 FEET WIDE, ALONG, ADJOINING AND EACH SIDE OF THE QUARTER SECTION LINES, AND THE RESERVATION OF THE USE AND CONTROL OF CIENEGAS AND NATURAL STREAMS OF WATER, IF ANY, NATURALLY UPON, FLOWING ACROSS, INTO OR BY SAID TRACT, AND THE RIGHT OF WAY FOR AND TO CONSTRUCT IRRIGATION OR DRAINAGE DITCHES THROUGH SAID TRACT TO IRRIGATE OR DRAIN THE ADJACENT LAND, AS CONTAINED IN DEED FROM STEARNS RANCHO COMPANY TO CHARLES VICTOR HALL, RECORDED MARCH 18, 1906 IN BOOK 91, PAGE 192 OF DEEDS.**

**4. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED SEPTEMBER 27, 1906 IN BOOK 138, PAGE 266 OF DEEDS,**

**IN FAVOR OF: CHARLES A. MEYER, JR.**

**FOR: A RIGHT OF WAY 30 INCHES IN WIDTH FOR PIPE LINE FOR OIL OR GAS, WITH THE RIGHT TO ERECT, OPERATE AND MAINTAIN TELEPHONE POLES, AND INCIDENTAL PURPOSES.**

**OVER: A PORTION OF THE LAND.**

**SAID RIGHT OF WAY WAS ASSIGNED TO FULLERTON OIL COMPANY BY ENDORSEMENT ON SAID DEED.**

**5. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED SEPTEMBER 27, 1912 IN BOOK 219, PAGE 349 OF DEEDS,**

**IN FAVOR OF: UNION OIL COMPANY OF CALIFORNIA.**

**FOR: RIGHT OF WAY FOR MAINTENANCE OF A PIPE LINE FOR THE TRANSPORTATION OF OIL, AND INCIDENTAL PURPOSES.**

**OVER: A PORTION OF THE LAND.**



6. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED JANUARY 21, 1914 IN BOOK 244, PAGE 266 OF DEEDS,  
IN FAVOR OF: THE COUNTY OF ORANGE.

FOR: A RIGHT OF WAY FOR ROAD PURPOSES AND INCIDENTAL PURPOSES.  
OVER: THE EASTERLY PORTION OF THE LAND.

7. THE EFFECT OF MAPS PURPORTING TO SHOW THE HEREIN DESCRIBED AND OTHER LAND RECORDED IN BOOK 13, PAGE 8; AND IN BOOK 51, PAGE 31, BOTH OF RECORD OF SURVEYS.

8. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED JUNE 10, 1957 IN BOOK 3936, PAGE 324 OF OFFICIAL RECORDS,  
IN FAVOR OF: BREA CHEMICALS, INC.

FOR: RIGHT OF WAY FOR A ROADWAY, AND INCIDENTAL PURPOSES.  
OVER: THE WESTERLY PORTION OF THE LAND AND OTHER LAND.

THE OWNER OF THE HEREIN DESCRIBED LAND DID NOT JOIN IN THE EXECUTION OF SAID DEED.

9. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED JANUARY 16, 1968 IN BOOK 8493, PAGE 555 OF OFFICIAL RECORDS,  
IN FAVOR OF: SOUTHERN CALIFORNIA EDISON COMPANY.

FOR: POLE LINES, CONDUITS AND INCIDENTAL PURPOSES.  
OVER: A PORTION OF THE LAND DESCRIBED AS FOLLOWS:

A STRIP OF LAND 12 FEET IN WIDTH, LYING WITHIN THE SOUTHWEST QUARTER OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 9 WEST, SAN BERNARDINO BASE AND MERIDIAN, THE CENTERLINE OF SAID STRIP BEING DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE, NORTH 89° 15' 30" EAST 2292.07 FEET; THENCE, SOUTH 4° 18' EAST 220 FEET TO THE TRUE POINT OF BEGINNING; THENCE, SOUTHWESTERLY 39 FEET TO A POINT IN A LINE PARALLEL WITH AND DISTANT WESTERLY, MEASURED AT RIGHT ANGLES FROM THE EASTERLY LINE OF THE RANCHO SAN JUAN CAJON DE SANTA ANA, 17 FEET; THENCE, SOUTH 89° 15' 30" WEST 45 FEET.

10. A COMMUNITY OIL AND GAS LEASE EXECUTED BY GETTY OIL COMPANY, A DELAWARE CORPORATION, AS LESSOR, AND BY CRESTMONT OIL AND GAS COMPANY, A CORPORATION, AS LESSEE, RECORDED JULY 10, 1973 IN BOOK 10792, PAGE 435 OF OFFICIAL RECORDS, TO WHICH RECORD REFERENCE IS MADE FOR FULL PARTICULARS.

NOTE 1: THE LESSEE'S INTEREST UNDER SAID OIL AND GAS LEASE HAS BEEN ASSIGNED TO SHELL WESTERN E&P INC., BY ASSIGNMENT WHICH RECORDED FEBRUARY 16, 1989 AS INSTRUMENT NO. 89-082771 OF OFFICIAL RECORDS, REFERENCE BEING HEREBY MADE TO THE RECORD THEREOF FOR FULL PARTICULARS.

NOTE 2: VARIOUS INSTRUMENTS APPEAR OF RECORD AFFECTING OR PURPORTING TO AFFECT THE LEASEHOLD INTEREST UNDER SAID LEASE, BUT THIS TITLE EVIDENCE DOES NOT COVER AN EXAMINATION OF OR INSURANCE AS TO THE EFFECT THEREOF, OR THE PRESENT OWNERSHIP OR CONDITIONS OF SAID LEASEHOLD.

11. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED APRIL 2, 1982 AS INSTRUMENT NO. 82-115963 OF OFFICIAL RECORDS, IN FAVOR OF: SOUTHERN CALIFORNIA EDISON COMPANY.

FOR: AERIAL AND UNDERGROUND ELECTRICAL FACILITIES, AND INCIDENTAL PURPOSES.

OVER: A PORTION OF THE LAND.

12. THE EFFECT OF A QUITCLAIM DEED, DATED JULY 26, 1982, EXECUTED BY CRESTMONT OIL AND GAS COMPANY, A CORPORATION, WHICH PURPORTEDLY CONVEYS A PORTION OF THE LAND (LAMBERT ROAD) TO THE COUNTY OF ORANGE, RECORDED NOVEMBER 3, 1982 AS INSTRUMENT NO. 82-386175 OF OFFICIAL RECORDS. (?)

13. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED MARCH 2, 1983 AS INSTRUMENT NO. 83-091173 OF OFFICIAL RECORDS,

IN FAVOR OF: SOUTHERN CALIFORNIA EDISON COMPANY, A CORPORATION.

FOR: ELECTRICAL SYSTEMS AND COMMUNICATION SYSTEMS, AND INCIDENTAL PURPOSES.

OVER: A PORTION OF THE LAND.

14. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED MAY 6, 1983 AS INSTRUMENT NO. 83-193206 OF OFFICIAL RECORDS,

IN FAVOR OF: THE COUNTY OF ORANGE.

FOR: STREET SIGNAL INSTALLATION, OPERATION AND MAINTENANCE, AND INCIDENTAL PURPOSES.

OVER: A PORTION OF THE LAND (ADJACENT TO LAMBERT ROAD).

15. AN EASEMENT AS SET FORTH IN AN INSTRUMENT RECORDED SEPTEMBER 18, 1986 AS INSTRUMENT NOS. 86-429084 AND 86-429085, BOTH OF OFFICIAL RECORDS, IN FAVOR OF: THE COUNTY OF ORANGE.

FOR: SLOPE PURPOSES AND INCIDENTAL PURPOSES.

OVER: A PORTION OF THE LAND (ADJACENT TO LAMBERT ROAD).

16. AN UNRECORDED LEASE, EXECUTED BY TEXACO PRODUCING INC., AS LESSOR, AND BERGEN NURSERIES, AS LESSEE, FOR THE TERM, AND UPON THE TERMS, COVENANTS AND CONDITIONS PROVIDED THEREIN, AS DISCLOSED BY A QUITCLAIM DEED RECORDED SEPTEMBER 18, 1986 AS INSTRUMENT NO. 86-429084 OF OFFICIAL RECORDS. (?)

17. THE TERMS, PROVISIONS AND CONDITIONS CONTAINED IN A DOCUMENT ENTITLED "PIPELINE EASEMENT AND SURFACE AGREEMENT", EXECUTED BY AND BETWEEN TEXACO EXPLORATION AND PRODUCTION INC., A DELAWARE CORPORATION AND UNION OIL COMPANY OF CALIFORNIA DBA UNOCAL, A CALIFORNIA CORPORATION, RECORDED JUNE 25, 1993 AS INSTRUMENT NO. 93-0427768 OF OFFICIAL RECORDS. (?)

18. EASEMENTS, COVENANTS AND CONDITIONS CONTAINED IN THE DEED FROM TEXACO EXPLORATION AND PRODUCTION INC., A DELAWARE CORPORATION, AS GRANTOR, TO CALRESOURCES LLC, A CALIFORNIA LIMITED LIABILITY COMPANY, AS GRANTEE, RECORDED MARCH 28, 1996 AS INSTRUMENT NO. 19960152286 OF OFFICIAL RECORDS. REFERENCE BEING MADE TO SAID DOCUMENT FOR FULL PARTICULARS.

**DESCRIPTION**

**THE LAND REFERRED TO IN THIS REPORT IS SITUATED IN THE STATE OF CALIFORNIA, COUNTY OF ORANGE, CITY OF BREA, AND IS DESCRIBED AS FOLLOWS:**

THE NORTH 100 ACRES OF THAT PORTION OF THE SOUTHWEST QUARTER OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 9 WEST, IN THE RANCHO SAN JUAN CAJON DE SANTA ANA, AS SHOWN ON A MAP RECORDED IN BOOK 51, PAGE 7 OF MISCELLANEOUS MAPS, RECORDS OF ORANGE COUNTY, CALIFORNIA, WHICH LIES WEST OF THE EASTERN BOUNDARY OF SAID RANCHO SAN JUAN CAJON DE SANTA ANA.



\* \* \* \* \*

**WARNING**

"THE MAP ATTACHED HERETO MAY OR MAY NOT BE A SURVEY OF THE LAND DEPICTED THEREON. YOU SHOULD NOT RELY UPON IT FOR ANY PURPOSE OTHER THAN ORIENTATION TO THE GENERAL LOCATION OF THE PARCEL OR PARCELS DEPICTED. FIRST AMERICAN EXPRESSLY DISCLAIMS ANY LIABILITY FOR ALLEGED LOSS OR DAMAGE WHICH MAY RESULT FROM RELIANCE UPON THIS MAP".

\* \* \* \* \*

MVS  
PLATS (CC&R'S, IF ANY) ENCLOSED.

NOTE: WIRING INSTRUCTIONS FOR SUB-ESCROW DEPOSITS ARE AS FOLLOWS:

FIRST AMERICAN TRUST COMPANY	ACCOUNT #15020	ABA #122241255
114 E. FIFTH STREET	ACCOUNT NAME:	FIRST AMERICAN
SANTA ANA, CA 92701		TITLE COMPANY

CREDIT TO FIRST AMERICAN TITLE COMPANY

OR-9738890

TITLE OFFICER - RONALD J. GOMEZ

**DISREGARD IF FIRST AMERICAN IS YOUR ESCROW SETTLEMENT AGENT --**

**CONTACT ESCROW OFFICER FOR WIRING INSTRUCTIONS**

COPY WITH PLAT (AND CC&R, IF ANY) TO:

HUNSAKER & ASSOCIATES IRVINE, INC.  
THREE HUGHES DRIVE  
IRVINE, CALIFORNIA 92718  
ATTN: HOWARD FOSS

**NOTICE**

SECTION 12413.1 OF THE CALIFORNIA INSURANCE CODE, EFFECTIVE JANUARY 1, 1990, REQUIRES THAT ANY TITLE INSURANCE COMPANY, UNDERWRITTEN TITLE COMPANY, OR CONTROLLED ESCROW COMPANY HANDLING FUNDS IN AN ESCROW OR SUB-ESCROW CAPACITY, WAIT A SPECIFIED NUMBER OF DAYS AFTER DEPOSITING FUNDS, BEFORE RECORDING ANY DOCUMENTS IN CONNECTION WITH THE TRANSACTION OR DISBURSING FUNDS. THIS STATUTE ALLOWS FOR FUNDS DEPOSITED BY WIRE TRANSFER TO BE DISBURSED THE SAME DAY AS DEPOSIT. IN THE CASE OF CASHIER'S CHECKS OR CERTIFIED CHECKS, FUNDS MAY BE DISBURSED THE NEXT DAY AFTER DEPOSIT. IN ORDER TO AVOID UNNECESSARY DELAYS OF THREE TO SEVEN DAYS, OR MORE, PLEASE USE WIRE TRANSFER, CASHIER'S CHECKS, OR CERTIFIED CHECKS WHENEVER POSSIBLE.

IF YOU HAVE ANY QUESTIONS ABOUT THE EFFECT OF THIS NEW LAW, PLEASE CONTACT YOUR LOCAL FIRST AMERICAN OFFICE FOR MORE DETAILS.

\*\*\*\*\*

**NOTICE**

IN ACCORDANCE WITH SECTIONS 18662 AND 18668 OF THE REVENUE AND TAXATION CODE, A BUYER MAY BE REQUIRED TO WITHHOLD AN AMOUNT EQUAL TO THREE AND ONE-THIRD PERCENT OF THE SALES PRICE IN THE CASE OF THE DISPOSITION OF CALIFORNIA REAL PROPERTY INTEREST BY EITHER:

1. A SELLER WHO IS AN INDIVIDUAL WITH A LAST KNOWN STREET ADDRESS OUTSIDE OF CALIFORNIA OR WHEN THE DISBURSEMENT INSTRUCTIONS AUTHORIZE THE PROCEEDS BE SENT TO A FINANCIAL INTERMEDIARY OF THE SELLER, OR
2. A CORPORATE SELLER WHICH HAS NO PERMANENT PLACE OF BUSINESS IN CALIFORNIA.

THE BUYER MAY BECOME SUBJECT TO PENALTY FOR FAILURE TO WITHHOLD AN AMOUNT EQUAL TO THE GREATER OF 10 PERCENT OF THE AMOUNT REQUIRED TO BE WITHHELD OR FIVE HUNDRED DOLLARS (\$500).

HOWEVER, NOTWITHSTANDING ANY OTHER PROVISION INCLUDED IN THE CALIFORNIA STATUTES REFERENCED ABOVE, NO BUYER WILL BE REQUIRED TO WITHHOLD ANY AMOUNT OR BE SUBJECT TO PENALTY FOR FAILURE TO WITHHOLD IF:

1. THE SALES PRICE OF THE CALIFORNIA REAL PROPERTY CONVEYED DOES NOT EXCEED ONE HUNDRED THOUSAND DOLLARS (\$100,000), OR
2. THE SELLER EXECUTES A WRITTEN CERTIFICATE, UNDER THE PENALTY OF PERJURY, CERTIFYING THAT THE SELLER IS A RESIDENT OF CALIFORNIA, OR IF A CORPORATION, HAS A PERMANENT PLACE OF BUSINESS IN CALIFORNIA, OR
3. THE SELLER, WHO IS AN INDIVIDUAL, EXECUTES A WRITTEN CERTIFICATE, UNDER THE PENALTY OF PERJURY, THAT THE CALIFORNIA REAL PROPERTY BEING CONVEYED IS THE SELLER'S PRINCIPAL RESIDENCE (AS DEFINED IN SECTION 1034 OF THE INTERNAL REVENUE CODE).

THE SELLER IS SUBJECT TO PENALTY FOR KNOWINGLY FILING A FRAUDULENT CERTIFICATE FOR THE PURPOSE OF AVOIDING THE WITHHOLDING REQUIREMENT.

THE CALIFORNIA STATUTES REFERENCED ABOVE INCLUDE PROVISIONS WHICH AUTHORIZE THE FRANCHISE TAX BOARD TO GRANT REDUCED WITHHOLDING AND WAIVERS FROM WITHHOLDING ON A CASE-BY-CASE BASIS.

THE PARTIES TO THIS TRANSACTION SHOULD SEEK AN ATTORNEY'S, ACCOUNTANT'S, OR OTHER TAX SPECIALIST'S OPINION CONCERNING THE EFFECT OF THIS LAW ON THIS TRANSACTION AND SHOULD NOT ACT ON ANY STATEMENTS MADE OR OMITTED BY THE ESCROW OR CLOSING OFFICER.

100-Acre Fee  
Nov 2008



## First American Title Insurance Company

9130 Anaheim Pl., Suite 230  
Rancho Cucamonga, CA 91730

Jeff Maisch  
Aera Energy LLC  
3030 Saturn Street, Suite 101  
Brea, CA 92821

Customer Reference: 100 Acre Property  
Order Number: OSA-3170696 (29)  
Title Officer: Hugo Tello  
Phone: (909)477-5678  
Fax No.: (866)782-3439  
E-Mail: htello@firstam.com  
Buyer:  
Owner: Aera Energy LLC  
Property: Vacant Land  
Brea, CA

### PRELIMINARY REPORT

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

**Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.**

**It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.**

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.



Dated as of November 24, 2008 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

Aera Energy LLC, a California limited liability company, formerly known as CalResources LLC, a California limited liability company

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2008-2009.
 

First Installment:	\$27,751.72, PAYABLE
Penalty:	\$0.00
Second Installment:	\$27,751.72, PAYABLE
Penalty:	\$0.00
Tax Rate Area:	53-000
A. P. No.:	320-071-29
  
2. General and special taxes and assessments for the fiscal year 2008-2009.
 

First Installment:	\$11,911.97, PAYABLE
Penalty:	\$0.00
Second Installment:	\$11,911.97, PAYABLE
Penalty:	\$0.00
Tax Rate Area:	53-000
A. P. No.:	320-073-07
  
3. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.
  
4. The reservation for roads, railroads and ditches of a strip of land 30 feet wide, along, adjoining and each side of the township and section lines, and the reservation for roads, railroads and

OK (3)  
(12-98 PTR)

ditches of a strip of land 20 feet wide, along, adjoining and each side of the quarter section lines, and the reservation of the use and control of cienegas and natural streams of water, if any, naturally upon, flowing across, into or by said tract, and the right of way for and to construct irrigation or drainage ditches through said tract to irrigate or drain the adjacent land, as contained in deed from Stearns Rancho Company to Charles Victor Hall, recorded March 18, 1906 in Book 91, Page 192 of Deeds.

12-98  
TR Ref

④

5. An easement for pipeline, telephone poles and incidental purposes, recorded September 27, 1906 in Book 138 of Deeds, Page 266.  
In Favor of: Charles A. Meyer, Jr.  
Affects: As described therein

⑤

6. An easement for maintenance of a pipeline and incidental purposes, recorded September 27, 1912 in Book 219 of Deeds, Page 349.  
In Favor of: Union Oil Company of California  
Affects: As described therein

⑥

7. An easement for road and incidental purposes, recorded January 21, 1914 in Book 244 of Deeds, Page 266.  
In Favor of: The County of Orange  
Affects: As described therein

⑦

8. Any facts, rights, interests or claims that may exist or arise by reason of matters, if any, disclosed by those certain Record of Surveys filed in Book 13, Page 8 and Book 51, Page 31 .

⑧

9. An easement for roadway and incidental purposes, recorded June 10, 1957 in Book 3936, Page 324 of Official Records.  
In Favor of: Brea Chemicals, Inc.  
Affects: As described therein

⑨

10. An easement for pole lines, conduits and incidental purposes, recorded January 16, 1968 in Book 8493, Page 555 of Official Records.  
In Favor of: Southern California Edison Company  
Affects: As described therein

⑩

11. An oil and gas lease executed by Getty Oil Company, a Delaware corporation as lessor and Crestmont Oil and Gas Company, a corporation as lessee, recorded July 10, 1973 in Book 10792, Page 435 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records.

⑪

12. An easement for electrical facilities and incidental purposes, recorded April 2, 1982 as Instrument No. 82-115963 of Official Records.  
In Favor of: Southern California Edison Company  
Affects: As described therein

- 13. An easement for electrical supply and communication systems and incidental purposes, recorded March 2, 1983 as Instrument No. 83-091173 of Official Records.  
In Favor of: Southern California Edison Company, a corporation  
Affects: As described therein
- 14. The terms and provisions contained in the document entitled Right of Entry recorded May 6, 1983 as Instrument No. 83-193206 of Official Records.
- 15. An easement for slope and incidental purposes, recorded September 18, 1986 as Instrument No. 86-429085 of Official Records.  
In Favor of: The County of Orange  
Affects: As described therein
- 16. An easement for anchorage and incidental purposes, recorded November 4, 1988 as Instrument No. 88-568867 of Official Records.  
In Favor of: Southern California Edison Company, a corporation  
Affects: As described therein
- 17. The terms and provisions contained in the document entitled Right of Way Agreement recorded December 19, 1995 as Instrument No. 19950565134 of Official Records.
- 18. Any facts, rights, interests or claims that may exist or arise by reason of matters, if any, disclosed by that certain Record of Survey filed in Book 187, Pages 2-7 .
- 19. An easement for underground lines, conduits and incidental purposes, recorded May 10, 2000 as Instrument No. 20000245019 of Official Records.  
In Favor of: Pacific Bell Telephone Company, a California corporation  
Affects: As described therein
- 20. The terms and provisions contained in the document entitled Memorandum of Pipeline Easement Agreement recorded December 6, 2002 as Instrument No. 2002001104088 of Official Records.
- 21. An easement for slope construction, repair, maintenance and incidental purposes, recorded March 11, 2003 as Instrument No. 2003000262412 of Official Records.  
In Favor of: County of Orange, a body corporate and politic  
Affects: As described therein
- 22. An unrecorded lease dated February 1, 2007, executed by Aera Energy LLC as lessor and Linn Energy, LLC, Linn Energy Holdings, LLC, Linn Western Operating, Inc., and Blacksand Energy, LLC as lessee, as disclosed by a Memorandum of Oil and Gas Lease (Brea-Olinda) recorded March 20, 2007 as Instrument No. 2007000177884 of Official Records.

13

14

15

lot covered in 1998 report

X

OST - 1998 instruments

↓

Does not affect 100 Ac Unocal pipelines from Columbia to Stearns Junction

Ok: "Easement - Pac Bell" file

Does not affect 100 Ac (E, Narraji) Unocal → Nuevo

VALENCIA AVE DEEDS PER OC widening project

Document re-recorded January 29, 2004 as Instrument No. 2004000069062 of Official Records.

Defects, liens, encumbrances or other matters affecting the leasehold estate, whether or not shown by the public records.

\* See 12-98 PTR for addtl recording ref.



23. Rights of parties in possession.

**Prior to the issuance of any policy of title insurance, the Company will require:**

24. With respect to Aera Energy LLC, a California limited liability company:
- a. A copy of its operating agreement and any amendments thereto;
  - b. If it is a California limited liability company, that a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) be recorded in the public records;
  - c. If it is a foreign limited liability company, that a certified copy of its application for registration (LLC-5) be recorded in the public records;
  - d. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, that such document or instrument be executed in accordance with one of the following, as appropriate:
    - (i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such document must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
    - (ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.
  - e. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

### **INFORMATIONAL NOTES**

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

**WIRE INSTRUCTIONS**

**for**

**First American Title Company, Demand/Draft Sub-Escrow Deposits  
Orange County, California**

**First American Trust, FSB**

5 First American Way

Santa Ana, CA 92707

**ABA 122241255**

**Credit to First American Title Company**

**Account No. 3034390000**

**Reference Title Order Number 3170696 and Title Officer Hugo Tello**

**Please wire the day before recording.**



**LEGAL DESCRIPTION**

Real property in the City of Brea, County of Orange, State of California, described as follows:

THE NORTH 100 ACRES OF THAT PORTION OF THE SOUTHWEST QUARTER OF SECTION 8, TOWNSHIP 3 SOUTH, RANGE 9 WEST, IN THE RANCHO SAN JUAN CAJON DE SANTA ANA, AS SHOWN ON A MAP RECORDED IN BOOK 51, PAGE 7 OF MISCELLANEOUS MAPS, RECORDS OF ORANGE COUNTY, CALIFORNIA, WHICH LIES WEST OF THE EASTERLY BOUNDARY OF SAID RANCHO SAN JUAN CAJON DE SANTA ANA.

EXCEPTING THEREFROM THAT PORTION DESCRIBED IN THE DEED TO THE COUNTY OF ORANGE RECORDED SEPTEMBER 18, 1986 AS INSTRUMENT NO. 86-429085 OF OFFICIAL RECORDS OF SAID ORANGE COUNTY.

*Item 15*

ALSO EXCEPTING THEREFROM THAT PORTION DESCRIBED IN THE DEED TO THE COUNTY OF ORANGE RECORDED MARCH 11, 2003 AS INSTRUMENT NO. 2003000262411 OF OFFICIAL RECORDS OF SAID ORANGE COUNTY.

APN: 320-071-29 and 320-073-07

***NOTICE***

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

If you have any questions about the effect of this new law, please contact your local First American Office for more details.

**EXHIBIT A  
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)**

**1. CALIFORNIA LAND TITLE ASSOCIATION STANDARD COVERAGE POLICY - 1990  
SCHEDULE B**

**EXCEPTIONS FROM COVERAGE**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records. Proceedings by a public agency which may result in taxes or assessments, or notice of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortages in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the public records.

**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
  - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy; or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by their policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

**2. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970  
SCHEDULE OF EXCLUSIONS FROM COVERAGE**

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions of area of the land, or the effect of any violation of any such law, ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant; (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder; (c) resulting in no loss or damage to the insured claimant; (d) attaching or



created subsequent to Date of Policy; or (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.

**3. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY FORM B - 1970  
WITH REGIONAL EXCEPTIONS**

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 2 above are used and the following exceptions to coverage appear in the policy.

**SCHEDULE B**

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

**4. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970  
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE  
SCHEDULE OF EXCLUSIONS FROM COVERAGE**

1. Any law, ordinance or governmental regulation (including but not limited to building and zoning ordinances) restricting or regulating or prohibiting the occupancy, use or enjoyment of the land, or regulating the character, dimensions or location of any improvement now or hereafter erected on the land, or prohibiting a separation in ownership or a reduction in the dimensions or area of the land, or the effect of any violation of any such law ordinance or governmental regulation.
2. Rights of eminent domain or governmental rights of police power unless notice of the exercise of such rights appears in the public records at Date of Policy.
3. Defects, liens, encumbrances, adverse claims, or other matters (a) created, suffered, assumed or agreed to by the insured claimant, (b) not known to the Company and not shown by the public records but known to the insured claimant either at Date of Policy or at the date such claimant acquired an estate or interest insured by this policy or acquired the insured mortgage and not disclosed in writing by the insured claimant to the Company prior to the date such insured claimant became an insured hereunder, (c) resulting in no loss or damage to the insured claimant; (d) attaching or created subsequent to Date of Policy (except to the extent insurance is afforded herein as to any statutory lien for labor or material or to the extent insurance is afforded herein as to assessments for street improvements under construction or completed at Date of Policy).
4. Unenforceability of the lien of the insured mortgage because of failure of the insured at Date of Policy or of any subsequent owner of the indebtedness to comply with applicable "doing business" laws of the state in which the land is situated.

**5. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1970  
WITH REGIONAL EXCEPTIONS**

When the American Land Title Association Lenders Policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy, the exclusions set forth in paragraph 4 above are used and the following exceptions to coverage appear in the policy.

**SCHEDULE B**

This policy does not insure against loss or damage by reason of the matters shown in parts one and two following:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

**6. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992  
WITH A.L.T.A. ENDORSEMENT FORM 1 COVERAGE  
EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy; (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
  - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy (except to the extent that this policy insures the priority of the lien of the insured mortgage over any statutory lien for services, labor or material or the extent insurance is afforded herein as to assessments for street improvements under construction or completed at date of policy); or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable "doing business" laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any statutory lien for services, labor or materials (or the claim of priority of any statutory lien for services, labor or materials over the lien of the insured mortgage) arising from an improvement or work related to the land which is contracted for and commenced subsequent to Date of Policy and is not financed in whole or in part by proceeds of the indebtedness secured by the insured mortgage which at Date of Policy the insured has advanced or is obligated to advance.
7. Any claim, which arises out of the transaction creating the interest of the mortgagee insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
  - (i) the transaction creating the interest of the insured mortgagee being deemed a fraudulent conveyance or fraudulent transfer; or
  - (ii) the subordination of the interest of the insured mortgagee as a result of the application of the doctrine of equitable subordination; or
  - (iii) the transaction creating the interest of the insured mortgagee being deemed a preferential transfer except where the preferential transfer results from the failure:
    - (a) to timely record the instrument of transfer; or
    - (b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

**7. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 1992  
WITH REGIONAL EXCEPTIONS**

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 6 above are used and the following exceptions to coverage appear in the policy.

**SCHEDULE B**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

**8. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992**

**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.  
(b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims, or other matters:
  - (a) created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy; or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
4. Any claim, which arises out of the transaction vesting in the insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
  - (i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
  - (ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:
    - (a) to timely record the instrument of transfer; or
    - (b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

**9. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 1992  
WITH REGIONAL EXCEPTIONS**

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 8 above are used and the following exceptions to coverage appear in the policy.

**SCHEDULE B**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
3. Easements, claims of easement or encumbrances which are not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
6. Any lien, or right to a lien, for services, labor or material theretofore or hereafter furnished, imposed by law and not shown by the public records.

**10. AMERICAN LAND TITLE ASSOCIATION RESIDENTIAL  
TITLE INSURANCE POLICY - 1987  
EXCLUSIONS**

In addition to the Exceptions in Schedule B, you are not insured against loss, costs, attorneys' fees and expenses resulting from:

1. Governmental police power, and the existence or violation of any law or government regulation. This includes building and zoning ordinances and also laws and regulations concerning:
 

* land use	* land division
* improvements on the land	* environmental protection

This exclusion does not apply to violations or the enforcement of these matters which appear in the public records at Policy Date. This exclusion does not limit the zoning coverage described in items 12 and 13 of Covered Title Risks.

2. The right to take the land by condemning it, unless:

- \* a notice of exercising the right appears in the public records on the Policy Date
  - \* the taking happened prior to the Policy Date and is binding on you if you bought the land without knowing of the taking.
3. Title Risks:
    - \* that are created, allowed, or agreed to by you
    - \* that are known to you, but not to us, on the Policy Date - unless they appeared in the public records
    - \* that result in no loss to you
    - \* that first affect your title after the Policy Date - this does not limit the labor and material lien coverage in Item 8 of Covered Title Risks
  4. Failure to pay value for your title.
  5. Lack of a right:
    - \* to any land outside the area specifically described and referred to in Item 3 of Schedule A, or
    - \* in streets, alleys, or waterways that touch your land
 This exclusion does not limit the access coverage in Item 5 of Covered Title Risks.

**11. EAGLE PROTECTION OWNER'S POLICY**

**CLTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 2008  
ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE - 2008**

**Covered Risks 16 (Subdivision Law Violation). 18 (Building Permit). 19 (Zoning) and 21 (Encroachment of boundary walls or fences) are subject to Deductible Amounts and Maximum Dollar Limits of Liability**

**EXCLUSIONS**

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
 

a. building	b. zoning
c. land use	d. improvements on the land
e. land division	f. environmental protection

 This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
  - a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
  - b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the policy Date;
  - c. that result in no loss to You; or
  - d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
  - a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
  - b. in streets, alleys, or waterways that touch the Land.
 This Exclusion does not limit the coverage described in Covered Risk 11 or 21

**LIMITATIONS ON COVERED RISKS**

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows: Covered Risk 16, 18, 19 and 21, Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A. The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 16: 1% of Policy Amount or \$5,000.00 (whichever is less)	\$10,000.00
Covered Risk 18: 1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 19: 1% of Policy Amount or \$5,000.00 (whichever is less)	\$25,000.00
Covered Risk 21: 1% of Policy Amount or \$2,500.00 (whichever is less)	\$5,000.00

**12. THIRD GENERATION EAGLE LOAN POLICY AMERICAN LAND TITLE ASSOCIATION EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (1/01/08)**



**EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to (i) the occupancy, use, or enjoyment of the Land; (ii) the character, dimensions, or location of any improvement erected on the Land; (iii) the subdivision of land; or (iv) environmental protection; or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.  
(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters  
(a) created, suffered, assumed or agreed to by the Insured Claimant;  
(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;  
(c) resulting in no loss or damage to the Insured Claimant;  
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or  
(e) resulting in loss or damage which would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury, or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.

**13. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006****EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to  
(i) the occupancy, use, or enjoyment of the Land;  
(ii) the character, dimensions, or location of any improvement erected on the Land;  
(iii) the subdivision of land; or  
(iv) environmental protection;  
or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.  
(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters  
(a) created, suffered, assumed, or agreed to by the Insured Claimant;  
(b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;  
(c) resulting in no loss or damage to the Insured Claimant;  
(d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or  
(e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is

- (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

**14. AMERICAN LAND TITLE ASSOCIATION LOAN POLICY - 2006  
WITH REGIONAL EXCEPTIONS**

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 13 above are used and the following exceptions to coverage appear in the policy.

**SCHEDULE B**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

**15. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006  
EXCLUSIONS FROM COVERAGE**

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection; or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
 (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risks 9 and 10); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
  - (a) a fraudulent conveyance or fraudulent transfer; or
  - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

**16. AMERICAN LAND TITLE ASSOCIATION OWNER'S POLICY - 2006  
WITH REGIONAL EXCEPTIONS**

When the American Land Title Association policy is used as a Standard Coverage Policy and not as an Extended Coverage Policy the exclusions set forth in paragraph 15 above are used and the following exceptions to coverage appear in the policy.

**SCHEDULE B**

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.

## PRIVACY POLICY

### **We Are Committed to Safeguarding Customer Information**

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information – particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our parent company, The First American Corporation, we have adopted this Privacy Policy to govern the use and handling of your personal information.

### **Applicability**

This Privacy Policy governs our use of the information which you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its *Fair Information Values*, a copy of which can be found on our website at [www.firstam.com](http://www.firstam.com).

### **Types of Information**

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

### **Use of Information**

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies, and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies, or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

### **Former Customers**

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

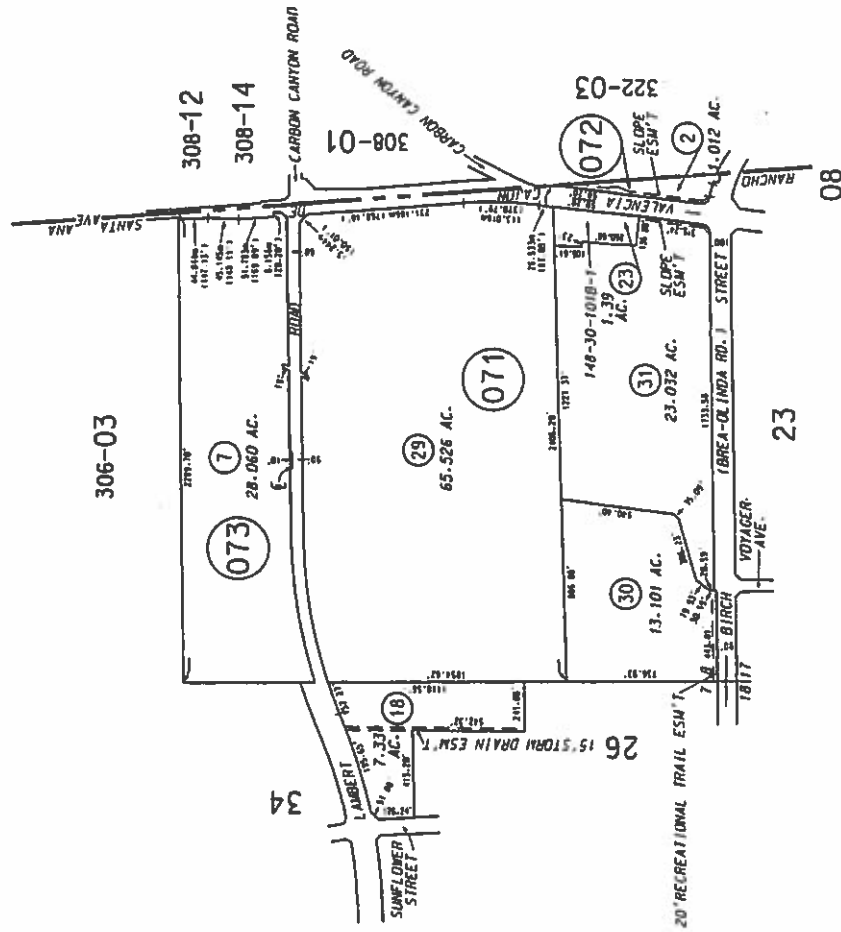
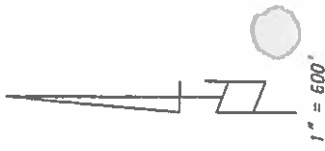
### **Confidentiality and Security**

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's *Fair Information Values*. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

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POR. SE 1/4, SEC. 7 & POR. SW 1/4, SEC. 8, T 3 S, R 9 W



NOTE - ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN PINK

ASSESSOR'S MAP BOOK 320 PAGE 07 COUNTY OF ORANGE

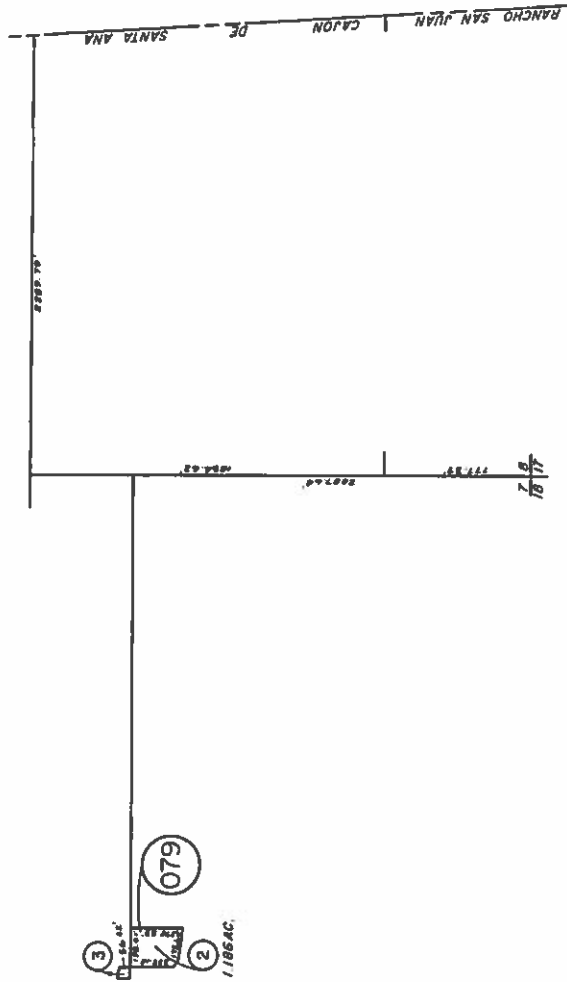
SEP 2008

MARCH 1971

THIS MAP WAS PREPARED FOR ORANGE COUNTY  
 LAND SERVICES DIVISION BY THE  
 SURVEYING AND MAPPING DIVISION OF THE  
 COUNTY ENGINEER'S OFFICE. THE ACCURACY  
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POR. S.E.1/4, SEC. 7, T.3S., R.9W.

320-079  
 SUBSURFACE



MARCH 1974

NOTE: ASSESSOR'S BLOCK &  
 PARCEL NUMBERS  
 SHOWN IN CIRCLES

ASSESSOR'S MAP  
 BOOK 320 PAGE 079  
 COUNTY OF ORANGE

**APPENDIX B**  
**PHASE I ESA QUESTIONNAIRE**





# Phase I Environmental Site Assessment Questionnaire

(User Provided Information Questionnaire)

Date: 4/27/17

Your Name: Rich Knowland

Your Title: Principal

Site Name: Brea/Central

Site Location: Brea, CA - County of Los Angeles

Relationship to Site:  Owner  Occupant  Purchaser  Other (please explain)

Length of Time Associated with Site: 5 mos.

Please review and complete this questionnaire which will assist Northgate in completing our site assessment. If sufficient space is not provided, please complete your response on a separate sheet of paper and attach it to this questionnaire.

1. Are you aware of any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law?

Yes  No  Unknown  N/A

If Yes, please explain: \_\_\_\_\_  
\_\_\_\_\_



2. Are you aware of any activity or land use limitations, such as engineering controls (for contaminant control), land use restrictions or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes       No       Unknown       N/A

If Yes, please explain: Active oil field

3. Do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes       No       Unknown       N/A

If Yes, please explain: \_\_\_\_\_

4. Are you aware of commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

a) Do you know the past uses of the Site?

Yes       No       Unknown       N/A

If Yes, please explain: Active oil field with known residual oil sumps, seeps and chemical use

b) Do you know of specific chemicals that are present or once were present at the Site?

Yes       No       Unknown       N/A

If Yes, please explain: \_\_\_\_\_



c) Do you know of chemical spills that have taken place at the Site?

Yes       No       Unknown       N/A

If Yes, please explain: oil spills near wells

---

d) Do you know of any environmental cleanups that have taken place at the Site?

Yes       No       Unknown       N/A

If Yes, please explain: \_\_\_\_\_

---

e) Do you know if any fill material has been imported to the Site?

Yes       No       Unknown       N/A

If Yes, please explain: \_\_\_\_\_

---

5. Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Site?

Yes       No       Unknown       N/A

If Yes, please explain: \_\_\_\_\_

---

6. Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Site?

Yes       No       Unknown       N/A

If Yes, please explain: \_\_\_\_\_

---



7. Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the Site?

Yes       No       Unknown       N/A

If Yes, please explain: \_\_\_\_\_  
\_\_\_\_\_

8. Based on your knowledge and experience related to the Site are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

Yes       No       Unknown       N/A

If Yes, please explain: visual evidence of oil on  
surface

9. Does the Site's purchase price reasonably reflect the fair market value of the property?

Yes       No       Unknown       N/A

If No, do you know the reason for lower purchase price? Is it possible that the lower purchase price is because of contamination known or believed to be present at the Site?

Yes       No       Unknown       N/A

If Yes, please explain: \_\_\_\_\_  
\_\_\_\_\_

10. Have any of the following documents been prepared for the Site and, if so, can copies be provided to Northgate:

- Environmental site assessment reports  Yes  No  Copies available
- Environmental compliance audit reports  Yes  No  Copies available
- Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, National Pollutant Discharge Elimination System permits, underground injection permits)  Yes  No  Copies available ✓ unknown
- Registrations for underground storage tanks (USTs) and/or above ground storage tanks (ASTs)  Yes  No  Copies available ✓ unknown
- Registrations for underground injection systems  Yes  No  Copies available - unknown



- Material safety data sheets  Yes  No  Copies available - unknown
- Community right-to-know plan  Yes  No  Copies available - unknown
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.  Yes  No  Copies available - unknown
- Reports regarding hydrogeologic conditions on the Site or in the surrounding area  
 Yes  No  Copies available - provided by seller
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the Site or relating to environmental liens encumbering the Site  Yes  No  Copies available unknown
- Hazardous waste generator notices or reports  Yes  No  Copies available unknown
- Risk assessments  Yes  No  Copies available unknown
- Recorded Activity and Use Limitations (e.g. deed restriction, asphalt cap)  
 Yes  No  Copies available unknown

If you know of specific chemicals or other hazardous materials (e.g., PCB associated with transformers, batteries, etc.) that are present or were once present at the property, how were they used, stored, and disposed? unknown

Do you know of aboveground or underground storage tanks on the property? If yes, what did they contain? unknown

Do you have any knowledge or experience with nearby/adjacent properties? If yes, do you have knowledge of chemicals, releases, or cleanups on these properties? unknown

How long have you owned, operated, leased, or been familiar the present and past uses of the property? 6 mos.

Northgate Environmental appreciates your assistance on this project.





**APPENDIX C**

**THE EDR RADIUS MAP™ REPORT WITH GEOCHECK®**



**265-Acre Brea Property**

Valencia Avenue

Brea, CA 92823

Inquiry Number: 4848184.2s

February 07, 2017

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	8
Orphan Summary .....	160
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-32
Physical Setting Source Map Findings .....	A-34
Physical Setting Source Records Searched .....	PSGR-1

*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

VALENCIA AVENUE  
BREA, CA 92823

#### COORDINATES

Latitude (North): 33.9223550 - 33° 55' 20.47"  
Longitude (West): 117.8444150 - 117° 50' 39.89"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 421946.4  
UTM Y (Meters): 3753673.8  
Elevation: 526 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640946 YORBA LINDA, CA  
Version Date: 2012  
  
West Map: 5640256 LA HABRA, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140514  
Source: USDA



MAPPED SITES SUMMARY

Target Property Address:  
VALENCIA AVENUE  
BREA, CA 92823

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SHELL WESTERN OIL PR	2701 VALENCIA AVE	RGALUST	Lower	1 ft.
2	LINN OPERATING, INC.		UIC	Lower	1 ft.
A3	HUNDRED ACRES LEASE/	2701 VALENCIA AVENUE	HIST UST	Lower	1 ft.
A4	SHELL #2701	2701 VALENCIA AVE	RGALUST	Lower	1 ft.
A5	SHELL SERVICE STATIO	2701 VALENCIA AVENUE	RGALUST	Lower	1 ft.
6	LINN OPERATING, INC.		UIC	Lower	1 ft.
B7	LINN OPERATING, INC.		UIC	Lower	1 ft.
8	PEPPER TREE CORRIDOR	3202 VALENCIA AVE	Orange Co. Industrial Site	Lower	1 ft.
B9	LINN OPERATING, INC.		UIC	Lower	1 ft.
10	LINN OPERATING, INC.		UIC	Lower	1 ft.
11	SOUTHERN CALIFORNIA	2834 VALENCIA AVE	HAZNET	Lower	1 ft.
C12	CARBON CANYON ROAD W	VALENCIA AVENUE & CA	ENVIROSTOR	Lower	1 ft.
C13	BREA-OLINDA SANITARY	VALENCIA BL/CARBON C	EMI	Higher	1 ft.
C14	COLUMBIA STEARNS MID	LAMBERT ROAD/VALENCI	ENVIROSTOR, SCH	Lower	1 ft.
15	LINN OPERATING, INC.		UIC	Higher	1 ft.
C16	LANDFILL CONDENSATE-	VALENCIA & CARBON CA	WMUDS/SWAT	Lower	1 ft.
C17	TONNER HILLS APARTME	LAMBERT RD & VALENCI	NPDES	Higher	1 ft.
A18	SHELL WESTERN OIL PR	2701 VALENCIA AVE	LUST	Lower	1 ft.
A19	HUNDRED ACRES LEASE	2701 VALENCIA AVE	UST	Lower	1 ft.
A20	SHELL WESTERN OIL PR	2701 VALENCIA	RGALUST	Lower	1 ft.
21		N. VALENCIA AVE AND	ERNS	Lower	1 ft.
22	TONNER HILLS SSP, LL		UIC	Lower	1 ft.
D23	SANTA FE ENERGY CO O	17001 CARBON CYN RD	RCRA-SQG, ENVIROSTOR, LUST, SWEEPS UST, HIST UST,..	Lower	25, 0.005, ENE
D24	SANTA FE ENERGY CO O	17001 CARBON CANYON	UST	Lower	25, 0.005, ENE
E25	OLINDA RANCH ELEMENT	17001 EAST CARSON CA	ENVIROSTOR, SCH	Lower	68, 0.013, NNW
E26		3678 PHEASANT LN	EDR Hist Cleaner	Lower	215, 0.041, NNW
F27	CARBON CANYON REGION	4422 CARBON CANYON R	HIST UST, HAZNET	Lower	666, 0.126, East
F28	CARBON CANYON REGION	4422 CARBON CANYON R	HIST UST	Lower	666, 0.126, East
29	BREA OPERATIONS CENT	275 VALENCIA AVE	HIST UST	Lower	712, 0.135, SSW
F30	SANTA FE ENERGY RESO	17001 CARBON CNYN	HIST CORTESE	Lower	858, 0.162, East
G31	BECKMAN DATA CENTER	3300 E BIRCH ST	UST	Lower	923, 0.175, SW
G32	BECKMAN DATA CENTER	3300 E BIRCH ST	SWEEPS UST, HIST UST	Lower	923, 0.175, SW
G33	BECKMAN DATA CENTER	3300 E BIRCH ST	CA FID UST, NPDES	Lower	923, 0.175, SW
G34	BECKMAN INSTRUMENTS	3300 BIRCH ST	LUST, HIST UST, HIST CORTESE	Lower	923, 0.175, SW
35	HEALTH CARE APPAREL	3100 E BIRCH	DRYCLEANERS, EMI	Lower	1020, 0.193, WSW
36	CARBON CANYON PARK	4442 CARBON CANYON R	UST	Lower	1022, 0.194, East
37	FRED L. HARTLEY RESE	376 VALENCIA AVE	HIST UST	Lower	1138, 0.216, SSW
H38	HARBOR FABRICATING C	255 VOYAGER AV	LUST, EMI	Lower	1306, 0.247, SW
H39	PACIFIC SKYLIGHTING	255 VOYAGER AVE	UST	Lower	1306, 0.247, SW

MAPPED SITES SUMMARY

Target Property Address:  
 VALENCIA AVENUE  
 BREA, CA 92823

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">H40</a>	PACIFIC SKYLIGHT	255 VOYAGER AVE	LUST, EMI, HIST CORTESE	Lower	1306, 0.247, SW
<a href="#">H41</a>	HARBOR TRUCK BODIES	255 VOYAGER AVENUE	RCRA-LQG, RAATS, ICIS, US AIRS, FINDS, ECHO	Lower	1306, 0.247, SW
<a href="#">H42</a>	ALLAN AUTOMATIC SPRI	3233 ENTERPRISE	LUST, SWEEPS UST, CA FID UST, HIST CORTESE	Lower	1414, 0.268, SW
<a href="#">H43</a>	ALLAN AUTOMATIC SPRI	3233 ENTERPRISE ST	LUST, UST	Lower	1414, 0.268, SW
<a href="#">H44</a>	BLAISDELL MFG	3160 ENTERPRISE ST	SLIC, Orange Co. Industrial Site	Lower	1464, 0.277, SW
<a href="#">45</a>	SECURITY PACIFIC BAN	275 VALENCIA AVE	LUST, HIST CORTESE	Lower	1499, 0.284, SW
<a href="#">46</a>	PENMAR GOLF COURSE	1233 ROSE AVENUE	SWF/LF	Lower	1661, 0.315, South
<a href="#">47</a>	CYANAMID DISTRIBUTIO	2980 ENTERPRISE ST	SEMS-ARCHIVE, RCRA NonGen / NLR, FINDS, ECHO	Lower	1783, 0.338, WSW
<a href="#">I48</a>	LA FLORESTA	376 S VALENCIA AVE	RCRA-LQG, LUST	Lower	1867, 0.354, SSW
<a href="#">I49</a>	UNOCAL SCIENCE AND T	376 S VALENCIA AVE	SLIC, SWEEPS UST, HIST UST, CA FID UST, Orange Co....	Lower	1867, 0.354, SSW
<a href="#">J50</a>	TOSCO - 76 # 6121	525 VALENCIA AVE	LUST, CHMIRS	Lower	2230, 0.422, SSW
<a href="#">J51</a>	TOSCO - 76 STATION #	525 VALENCIA	LUST, HIST CORTESE	Lower	2230, 0.422, SSW
<a href="#">52</a>	AMERICAN SUZUKI MOTO	3251 E IMPERIAL HWY	LUST, UST, SWEEPS UST, EMI, NPDES	Lower	2252, 0.427, SW
<a href="#">J53</a>	UNOCAL #6121	525	HIST CORTESE	Lower	2358, 0.447, SSW
<a href="#">54</a>	ARCO #6110	1201 IMPERIAL	LUST	Lower	2450, 0.464, South
<a href="#">K55</a>	GSF ENERGY LLC	1942 VALENCIA AVE	SWF/LF, AST, SWEEPS UST, CA FID UST, RCRA NonGen /...	Higher	2574, 0.488, North
<a href="#">K56</a>	COUNTY OF ORANGE, IW	1942 NORTH VALENCIA	SWF/LF, CHMIRS, LDS, EMI, ENF	Higher	2574, 0.488, North
<a href="#">57</a>	TEXACO SERVICE STATI	3300 IMPERIAL	LUST, HIST CORTESE	Lower	2616, 0.495, SSW
<a href="#">58</a>	SUNSET TROPICALS INC	3811 PROSPECT AVE	ENVIROSTOR, UST, VCP, HIST UST, DEED, Orange Co....	Lower	2631, 0.498, SSE
<a href="#">59</a>	BALI OIL CO.	SOUTHWEST OF PROSPEC	ENVIROSTOR	Lower	3489, 0.661, SSE
<a href="#">60</a>	UNION CHEMICALS DIV	2601 E IMPERIAL HWY	RCRA-SQG, SWEEPS UST, CA FID UST, EMI, HWP	Lower	4291, 0.813, SW
<a href="#">61</a>	DIRECT FOTO	2903 SATURN STREET #	ENVIROSTOR	Lower	4334, 0.821, SW
<a href="#">62</a>	VISTA DEL VERDE ELEM	VALLEY VIEW/BROOKLYN	ENVIROSTOR, SCH	Lower	4667, 0.884, SE
<a href="#">63</a>	PLEGEL OIL CO EMIL	4352 ROSE DR	ENVIROSTOR, Orange Co. Industrial Site, FINDS, EMI	Lower	5096, 0.965, South

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

### ***State- and tribal - equivalent NPL***

RESPONSE..... State Response Sites

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

## EXECUTIVE SUMMARY

### **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing  
AST..... Aboveground Petroleum Storage Tank Facilities  
INDIAN UST..... Underground Storage Tanks on Indian Land

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing

### **State and tribal Brownfields sites**

BROWNFIELDS..... Considered Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

SWRCY..... Recycler Database  
HAULERS..... Registered Waste Tire Haulers Listing  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
IHS OPEN DUMPS..... Open Dumps on Indian Land

#### **Local Lists of Hazardous waste / Contaminated Sites**

US HIST CDL..... Delisted National Clandestine Laboratory Register  
HIST Cal-Sites..... Historical Calsites Database  
CDL..... Clandestine Drug Labs  
Toxic Pits..... Toxic Pits Cleanup Act Sites  
US CDL..... National Clandestine Laboratory Register

#### **Local Land Records**

LIENS..... Environmental Liens Listing  
LIENS 2..... CERCLA Lien Information

#### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
CHMIRS..... California Hazardous Material Incident Report System  
LDS..... Land Disposal Sites Listing  
MCS..... Military Cleanup Sites Listing  
SPILLS 90..... SPILLS 90 data from FirstSearch

#### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated



## EXECUTIVE SUMMARY

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
ABANDONED MINES.....	Abandoned Mines
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
ECHO.....	Enforcement & Compliance History Information

### **EDR HIGH RISK HISTORICAL RECORDS**

#### ***EDR Exclusive Records***

EDR MGP..... EDR Proprietary Manufactured Gas Plants

# EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historic Gas Stations

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

RGA LF..... Recovered Government Archive Solid Waste Facilities List

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 10/10/2016 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CYANAMID DISTRIBUTIO</i></b>	<b><i>2980 ENTERPRISE ST</i></b>	<b><i>WSW 1/4 - 1/2 (0.338 mi.)</i></b>	<b><i>47</i></b>	<b><i>74</i></b>

### ***Federal RCRA generators list***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or

## EXECUTIVE SUMMARY

dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/12/2016 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HARBOR TRUCK BODIES</b>	<b>255 VOYAGER AVENUE</b>	<b>SW 1/8 - 1/4 (0.247 mi.)</b>	<b>H41</b>	<b>55</b>

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/12/2016 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SANTA FE ENERGY CO O</b>	<b>17001 CARBON CYN RD</b>	<b>ENE 0 - 1/8 (0.005 mi.)</b>	<b>D23</b>	<b>23</b>

### **Federal ERNS list**

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 09/26/2016 has revealed that there is 1 ERNS site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	N. VALENCIA AVE AND	0 - 1/8 (0.000 mi.)	21	22

### **State- and tribal - equivalent CERCLIS**

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/31/2016 has revealed that there are 9 ENVIROSTOR sites within approximately 1 mile of the target property.

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CARBON CANYON ROAD W Facility Id: 30160001 Status: Refer: 1248 Local Agency	VALENCIA AVENUE & CA	0 - 1/8 (0.000 mi.)	C12	13
<b>COLUMBIA STEARNS MID</b> Facility Id: 30130181 Status: Inactive - Needs Evaluation	<b>LAMBERT ROAD/VALENCI</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>C14</b>	<b>14</b>
<b>SANTA FE ENERGY CO O</b> Facility Id: 30130183 Status: Refer: 1248 Local Agency	<b>17001 CARBON CYN RD</b>	<b>ENE 0 - 1/8 (0.005 mi.)</b>	<b>D23</b>	<b>23</b>
<b>OLINDA RANCH ELEMENT</b> Facility Id: 30130179 Status: Inactive - Needs Evaluation	<b>17001 EAST CARSON CA</b>	<b>NNW 0 - 1/8 (0.013 mi.)</b>	<b>E25</b>	<b>32</b>
<b>SUNSET TROPICALS INC</b> Facility Id: 60001999 Status: Active	<b>3811 PROSPECT AVE</b>	<b>SSE 1/4 - 1/2 (0.498 mi.)</b>	<b>58</b>	<b>137</b>
BALI OIL CO. Facility Id: 30130106 Status: Refer: Other Agency	SOUTHWEST OF PROSPEC	SSE 1/2 - 1 (0.661 mi.)	59	146
DIRECT FOTO Facility Id: 71003343 Status: Refer: Local Agency	2903 SATURN STREET #	SW 1/2 - 1 (0.821 mi.)	61	152
<b>VISTA DEL VERDE ELEM</b> Facility Id: 30130182 Status: No Further Action	<b>VALLEY VIEW/BROOKLYN</b>	<b>SE 1/2 - 1 (0.884 mi.)</b>	<b>62</b>	<b>153</b>
<b>PLEGEL OIL CO EMIL</b> Facility Id: 30130190 Status: Refer: 1248 Local Agency	<b>4352 ROSE DR</b>	<b>S 1/2 - 1 (0.965 mi.)</b>	<b>63</b>	<b>157</b>

### **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 3 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GSF ENERGY LLC</b> Database: SWF/LF (SWIS), Date of Government Version: 11/14/2016 Facility ID: 30-AB-0035 Operational Status: Active Regulation Status: Permitted	<b>1942 VALENCIA AVE</b>	<b>N 1/4 - 1/2 (0.488 mi.)</b>	<b>K55</b>	<b>104</b>
<b>COUNTY OF ORANGE, IW</b> Database: LOS ANGELES CO. LF, Date of Government Version: 10/17/2016 Site ID: 585 Status: Active	<b>1942 NORTH VALENCIA</b>	<b>N 1/4 - 1/2 (0.488 mi.)</b>	<b>K56</b>	<b>112</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PENMAR GOLF COURSE Database: SWF/LF (SWIS), Date of Government Version: 11/14/2016	1233 ROSE AVENUE	S 1/4 - 1/2 (0.315 mi.)	46	74



## EXECUTIVE SUMMARY

Facility ID: 19-AR-5316

### **State and tribal leaking storage tank lists**

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 14 LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHELL WESTERN OIL PR Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/12/2016 Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016 Global Id: T0605900615 Global ID: T0605900615 Status: Completed - Case Closed Facility Id: 88UT021 Facility Status: Case Closed	2701 VALENCIA AVE	0 - 1/8 (0.000 mi.)	A18	19
<b>SANTA FE ENERGY CO O</b> Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/12/2016 Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016 Global Id: T0605901866 Global ID: T0605901866 Status: Completed - Case Closed Facility Id: 95UT039 Facility Status: Case Closed	<b>17001 CARBON CYN RD</b>	<b>ENE 0 - 1/8 (0.005 mi.)</b>	<b>D23</b>	<b>23</b>
<b>BECKMAN INSTRUMENTS</b> Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 12/12/2016 Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016 Global Id: T0605900826 Global ID: T0605900826 Status: Completed - Case Closed Facility Id: 85UT006 Facility Status: Case Closed	<b>3300 BIRCH ST</b>	<b>SW 1/8 - 1/4 (0.175 mi.)</b>	<b>G34</b>	<b>41</b>
<b>HARBOR FABRICATING C</b> Database: LUST REG 8, Date of Government Version: 02/14/2005 Global ID: T0605900897 Facility Status: Case Closed	<b>255 VOYAGER AV</b>	<b>SW 1/8 - 1/4 (0.247 mi.)</b>	<b>H38</b>	<b>48</b>
<b>PACIFIC SKYLIGHT</b> Database: LUST, Date of Government Version: 12/12/2016 Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016 Global Id: T0605900897 Status: Completed - Case Closed Facility Id: 90UT223	<b>255 VOYAGER AVE</b>	<b>SW 1/8 - 1/4 (0.247 mi.)</b>	<b>H40</b>	<b>52</b>
<b>ALLAN AUTOMATIC SPRI</b> Database: LUST REG 8, Date of Government Version: 02/14/2005	<b>3233 ENTERPRISE</b>	<b>SW 1/4 - 1/2 (0.268 mi.)</b>	<b>H42</b>	<b>67</b>

## EXECUTIVE SUMMARY

Global ID: T0605901937				
Facility Status: Case Closed				
<b>ALLAN AUTOMATIC SPRI</b>	<b>3233 ENTERPRISE ST</b>	<b>SW 1/4 - 1/2 (0.268 mi.)</b>	<b>H43</b>	<b>69</b>
Database: LUST, Date of Government Version: 12/12/2016				
Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016				
Global Id: T0605901937				
Status: Completed - Case Closed				
Facility Id: 95UT036				
<b>SECURITY PACIFIC BAN</b>	<b>275 VALENCIA AVE</b>	<b>SW 1/4 - 1/2 (0.284 mi.)</b>	<b>45</b>	<b>71</b>
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Database: LUST, Date of Government Version: 12/12/2016				
Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016				
Global Id: T0605901871				
Global ID: T0605901871				
Status: Completed - Case Closed				
Facility Id: 95UT040				
Facility Status: Case Closed				
<b>LA FLORESTA</b>	<b>376 S VALENCIA AVE</b>	<b>SSW 1/4 - 1/2 (0.354 mi.)</b>	<b>I48</b>	<b>77</b>
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Global ID: T0605901608				
Facility Status: Preliminary site assessment workplan submitted				
<b>TOSCO - 76 # 6121</b>	<b>525 VALENCIA AVE</b>	<b>SSW 1/4 - 1/2 (0.422 mi.)</b>	<b>J50</b>	<b>87</b>
Database: LUST, Date of Government Version: 12/12/2016				
Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016				
Global Id: T0605901409				
Global Id: T0605902182				
Status: Completed - Case Closed				
Facility Id: 98UT046				
Facility Id: 91UT083				
<b>TOSCO - 76 STATION #</b>	<b>525 VALENCIA</b>	<b>SSW 1/4 - 1/2 (0.422 mi.)</b>	<b>J51</b>	<b>92</b>
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Global ID: T0605901409				
Global ID: T0605902182				
Facility Status: Case Closed				
<b>AMERICAN SUZUKI MOTO</b>	<b>3251 E IMPERIAL HWY</b>	<b>SW 1/4 - 1/2 (0.427 mi.)</b>	<b>52</b>	<b>94</b>
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Database: LUST, Date of Government Version: 12/12/2016				
Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016				
Global Id: T0605901666				
Global ID: T0605901666				
Status: Completed - Case Closed				
Facility Id: 93UT053				
Facility Status: Case Closed				
<b>ARCO #6110</b>	<b>1201 IMPERIAL</b>	<b>S 1/4 - 1/2 (0.464 mi.)</b>	<b>54</b>	<b>99</b>
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Database: LUST, Date of Government Version: 12/12/2016				
Database: ORANGE CO. LUST, Date of Government Version: 11/04/2016				
Global Id: T0605901674				
Global ID: T0605901674				
Status: Completed - Case Closed				
Facility Id: 93UT041				
Facility Status: Pollution Characterization				
<b>TEXACO SERVICE STATI</b>	<b>3300 IMPERIAL</b>	<b>SSW 1/4 - 1/2 (0.495 mi.)</b>	<b>57</b>	<b>136</b>
Database: LUST REG 8, Date of Government Version: 02/14/2005				

## EXECUTIVE SUMMARY

Global ID: T0605943716  
 Facility Status: Case Closed

SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the SLIC list, as provided by EDR, has revealed that there are 2 SLIC sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>BLAISDELL MFG</b> Database: SLIC, Date of Government Version: 12/12/2016 Facility Status: Completed - Case Closed Global Id: SLT8R1124105	<b>3160 ENTERPRISE ST</b>	<b>SW 1/4 - 1/2 (0.277 mi.)</b>	<b>H44</b>	<b>71</b>
<b>UNOCAL SCIENCE AND T</b> Database: SLIC, Date of Government Version: 12/12/2016 Facility Status: Completed - Case Closed Global Id: T0605901608	<b>376 S VALENCIA AVE</b>	<b>SSW 1/4 - 1/2 (0.354 mi.)</b>	<b>I49</b>	<b>80</b>

### **State and tribal registered storage tank lists**

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HUNDRED ACRES LEASE</b> Database: UST, Date of Government Version: 09/12/2016 Facility Id: 4805	<b>2701 VALENCIA AVE</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>A19</b>	<b>22</b>
<b>SANTA FE ENERGY CO O</b> Database: UST, Date of Government Version: 09/12/2016 Facility Id: 4064	<b>17001 CARBON CANYON</b>	<b>ENE 0 - 1/8 (0.005 mi.)</b>	<b>D24</b>	<b>32</b>
<b>BECKMAN DATA CENTER</b> Database: UST, Date of Government Version: 09/12/2016 Facility Id: 4647	<b>3300 E BIRCH ST</b>	<b>SW 1/8 - 1/4 (0.175 mi.)</b>	<b>G31</b>	<b>38</b>
<b>CARBON CANYON PARK</b> Database: UST, Date of Government Version: 09/12/2016 Facility Id: 6087	<b>4442 CARBON CANYON R</b>	<b>E 1/8 - 1/4 (0.194 mi.)</b>	<b>36</b>	<b>46</b>
<b>PACIFIC SKYLIGHTING</b> Database: UST, Date of Government Version: 09/12/2016 Facility Id: 1325	<b>255 VOYAGER AVE</b>	<b>SW 1/8 - 1/4 (0.247 mi.)</b>	<b>H39</b>	<b>52</b>

## EXECUTIVE SUMMARY

### **State and tribal voluntary cleanup sites**

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 10/31/2016 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SUNSET TROPICALS INC</b> Status: Active Facility Id: 60001999	<b>3811 PROSPECT AVE</b>	<b>SSE 1/4 - 1/2 (0.498 mi.)</b>	<b>58</b>	<b>137</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LANDFILL CONDENSATE-	VALENCIA & CARBON CA	0 - 1/8 (0.000 mi.)	C16	17

#### **Local Lists of Hazardous waste / Contaminated Sites**

SCH: This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category. depending on the level of threat to public health and safety or the environment they pose.

A review of the SCH list, as provided by EDR, and dated 10/31/2016 has revealed that there are 2 SCH sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COLUMBIA STEARNS MID</b> Facility Id: 30130181 Status: Inactive - Needs Evaluation	<b>LAMBERT ROAD/VALENCI</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>C14</b>	<b>14</b>
<b>OLINDA RANCH ELEMENT</b> Facility Id: 30130179 Status: Inactive - Needs Evaluation	<b>17001 EAST CARSON CA</b>	<b>NNW 0 - 1/8 (0.013 mi.)</b>	<b>E25</b>	<b>32</b>



## EXECUTIVE SUMMARY

### **Local Lists of Registered Storage Tanks**

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SANTA FE ENERGY CO O</b> Status: A Tank Status: A Comp Number: 4064	<b>17001 CARBON CYN RD</b>	<b>ENE 0 - 1/8 (0.005 mi.)</b>	<b>D23</b>	<b>23</b>
<b>BECKMAN DATA CENTER</b> Status: A Tank Status: A Comp Number: 4647	<b>3300 E BIRCH ST</b>	<b>SW 1/8 - 1/4 (0.175 mi.)</b>	<b>G32</b>	<b>38</b>

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 8 HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HUNDRED ACRES LEASE/ Facility Id: 00000004744	2701 VALENCIA AVENUE	0 - 1/8 (0.000 mi.)	A3	8
<b>SANTA FE ENERGY CO O</b> Facility Id: 00000010697	<b>17001 CARBON CYN RD</b>	<b>ENE 0 - 1/8 (0.005 mi.)</b>	<b>D23</b>	<b>23</b>
<b>CARBON CANYON REGION</b> CARBON CANYON REGION Facility Id: 00000031618	<b>4422 CARBON CANYON R</b> 4422 CARBON CANYON R	<b>E 1/8 - 1/4 (0.126 mi.)</b> E 1/8 - 1/4 (0.126 mi.)	<b>F27</b> F28	<b>35</b> 36
BREA OPERATIONS CENT Facility Id: 00000028382	275 VALENCIA AVE	SSW 1/8 - 1/4 (0.135 mi.)	29	37
<b>BECKMAN DATA CENTER</b> Facility Id: 00000016438	<b>3300 E BIRCH ST</b>	<b>SW 1/8 - 1/4 (0.175 mi.)</b>	<b>G32</b>	<b>38</b>
<b>BECKMAN INSTRUMENTS</b> FRED L. HARTLEY RESE Facility Id: 00000065267 Facility Id: 00000061553	<b>3300 BIRCH ST</b> 376 VALENCIA AVE	<b>SW 1/8 - 1/4 (0.175 mi.)</b> SSW 1/8 - 1/4 (0.216 mi.)	<b>G34</b> 37	<b>41</b> 46

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SANTA FE ENERGY CO O</b>	<b>17001 CARBON CYN RD</b>	<b>ENE 0 - 1/8 (0.005 mi.)</b>	<b>D23</b>	<b>23</b>

## EXECUTIVE SUMMARY

Facility Id: 30007195  
Status: A

**BECKMAN DATA CENTER**

Facility Id: 30015440  
Status: A

**3300 E BIRCH ST**

**SW 1/8 - 1/4 (0.175 mi.)**

**G33**

**39**

### Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 12/06/2016 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SUNSET TROPICALS INC</b> Status: ACTIVE Envirostor ID: 60001999	<b>3811 PROSPECT AVE</b>	<b>SSE 1/4 - 1/2 (0.498 mi.)</b>	<b>58</b>	<b>137</b>

### Records of Emergency Release Reports

The Orange County Industrial Site Cleanups list comes from the Health Care Agency.

A review of the Orange Co. Industrial Site list, as provided by EDR, and dated 11/03/2016 has revealed that there is 1 Orange Co. Industrial Site site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PEPPER TREE CORRIDOR Current Status: CLOSED 3/26/2009 Case ID: 08IC006	3202 VALENCIA AVE	0 - 1/8 (0.000 mi.)	8	11

### Other Ascertainable Records

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholstery cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 09/02/2016 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HEALTH CARE APPAREL</b> EPA Id: CAL000268725	<b>3100 E BIRCH</b>	<b>WSW 1/8 - 1/4 (0.193 mi.)</b>	<b>35</b>	<b>44</b>

## EXECUTIVE SUMMARY

EMI: Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies

A review of the EMI list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 EMI site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BREA-OLINDA SANITARY Facility Id: 50418	VALENCIA BL/CARBON C	0 - 1/8 (0.000 mi.)	C13	14

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2015 has revealed that there is 1 HAZNET site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN CALIFORNIA GEPaid: CAC002181358	2834 VALENCIA AVE	0 - 1/8 (0.000 mi.)	11	12

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 9 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANTA FE ENERGY RESO Reg Id: 083002689T	17001 CARBON CNYN	E 1/8 - 1/4 (0.162 mi.)	F30	38
<b>BECKMAN INSTRUMENTS</b> Reg Id: 083001045T	<b>3300 BIRCH ST</b>	<b>SW 1/8 - 1/4 (0.175 mi.)</b>	<b>G34</b>	<b>41</b>
<b>PACIFIC SKYLIGHT</b> Reg Id: 083001137T	<b>255 VOYAGER AVE</b>	<b>SW 1/8 - 1/4 (0.247 mi.)</b>	<b>H40</b>	<b>52</b>
<b>ALLAN AUTOMATIC SPRI</b> Reg Id: 083002813T	<b>3233 ENTERPRISE</b>	<b>SW 1/4 - 1/2 (0.268 mi.)</b>	<b>H42</b>	<b>67</b>
<b>SECURITY PACIFIC BAN</b> Reg Id: 083002697T	<b>275 VALENCIA AVE</b>	<b>SW 1/4 - 1/2 (0.284 mi.)</b>	<b>45</b>	<b>71</b>
<b>UNOCAL SCIENCE AND T</b> Reg Id: 083002180T	<b>376 S VALENCIA AVE</b>	<b>SSW 1/4 - 1/2 (0.354 mi.)</b>	<b>I49</b>	<b>80</b>
<b>TOSCO - 76 STATION #</b> Reg Id: 083000697T	<b>525 VALENCIA</b>	<b>SSW 1/4 - 1/2 (0.422 mi.)</b>	<b>J51</b>	<b>92</b>
UNOCAL #6121 Reg Id: 083001888T	525	SSW 1/4 - 1/2 (0.447 mi.)	J53	99

## EXECUTIVE SUMMARY

Reg Id: 083000725T

Reg Id: 083003217T

**TEXACO SERVICE STATI**

**3300 IMPERIAL**

**SSW 1/4 - 1/2 (0.495 mi.) 57**

**136**

Reg Id: 083000400T

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 11/21/2016 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UNION CHEMICALS DIV</b> EPA Id: CAD073596124 Cleanup Status: CLOSED	<b>2601 E IMPERIAL HWY</b>	<b>SW 1/2 - 1 (0.813 mi.)</b>	<b>60</b>	<b>147</b>

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 05/16/2016 has revealed that there is 1 NPDES site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TONNER HILLS APARTME	LAMBERT RD & VALENCI	0 - 1/8 (0.000 mi.)	C17	18

UIC: A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

A review of the UIC list, as provided by EDR, and dated 07/06/2016 has revealed that there are 7 UIC sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LINN OPERATING, INC. Well Status: Plugged		0 - 1/8 (0.000 mi.)	15	16

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LINN OPERATING, INC. Well Status: Plugged		0 - 1/8 (0.000 mi.)	2	8
LINN OPERATING, INC. Well Status: Avtive or Odle		0 - 1/8 (0.000 mi.)	6	10
LINN OPERATING, INC. Well Status: Plugged		0 - 1/8 (0.000 mi.)	B7	10
LINN OPERATING, INC. Well Status: Plugged		0 - 1/8 (0.000 mi.)	B9	11
LINN OPERATING, INC. Well Status: Avtive or Odle		0 - 1/8 (0.000 mi.)	10	12
TONNER HILLS SSP, LL		0 - 1/8 (0.000 mi.)	22	23



## EXECUTIVE SUMMARY

Well Status: Plugged

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	3678 PHEASANT LN	NNW 0 - 1/8 (0.041 mi.)	E26	35

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LUST: The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 4 RGA LUST sites within approximately 0.001 miles of the target property.

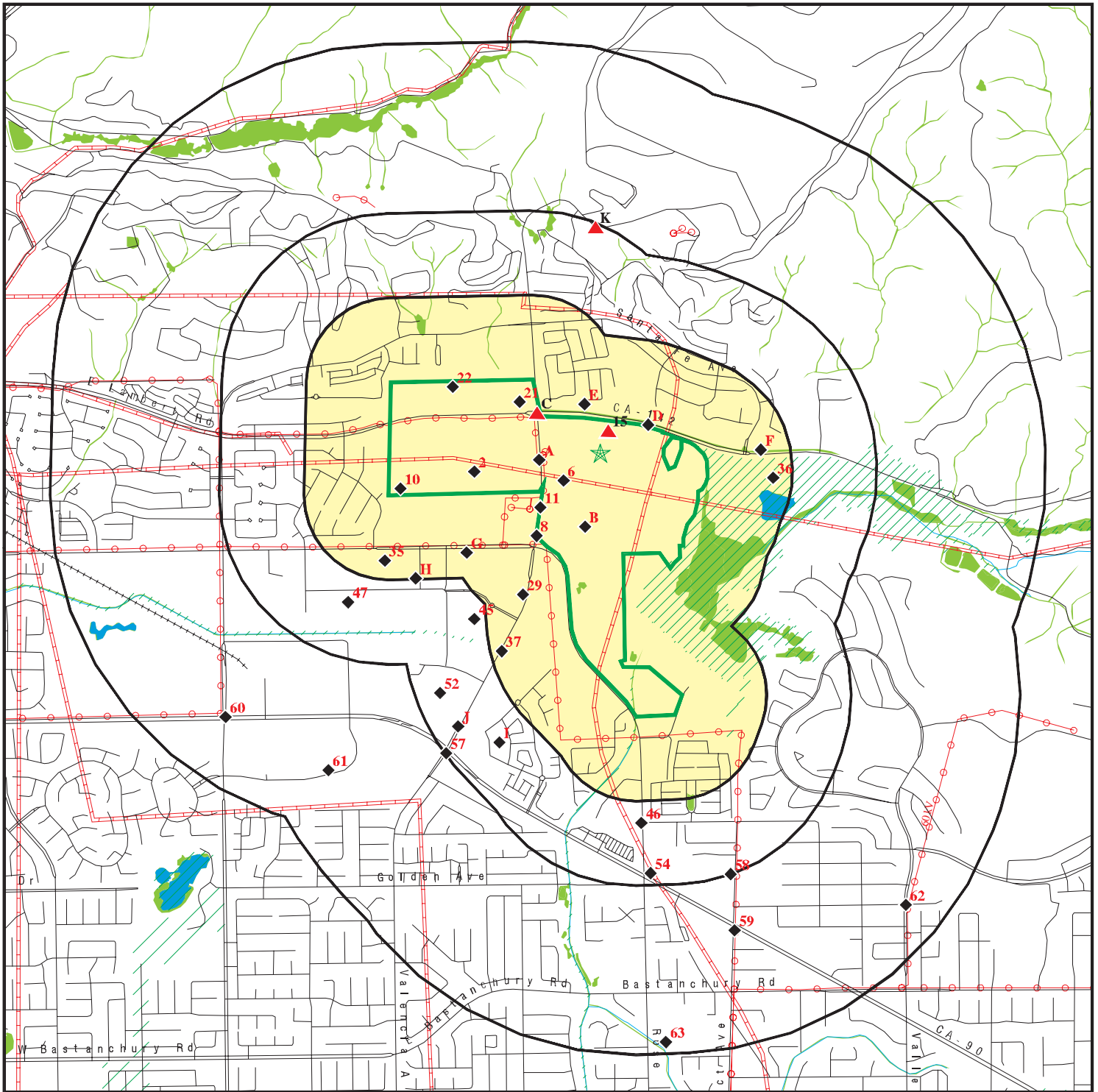
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHELL WESTERN OIL PR	2701 VALENCIA AVE	0 - 1/8 (0.000 mi.)	A1	8
SHELL #2701	2701 VALENCIA AVE	0 - 1/8 (0.000 mi.)	A4	9
SHELL SERVICE STATIO	2701 VALENCIA AVENUE	0 - 1/8 (0.000 mi.)	A5	9
SHELL WESTERN OIL PR	2701 VALENCIA	0 - 1/8 (0.000 mi.)	A20	22















## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

<u>Site Name</u>	<u>Database(s)</u>
BREA OLINDA VENTURE PROPERTY	Orange Co. Industrial Site
CITY OF BREA	SLIC
BIRCH MIDDLE SCHOOL	ENVIROSTOR, SCH
NUEVO ENERGY - TENTATIVE TRACT #16	ENVIROSTOR
PLEGEL OIL COMPANY;SHAY ODOM LEASE	ENVIROSTOR

# OVERVIEW MAP - 4848184.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Pipelines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 265-Acre Brea Property  
 ADDRESS: Valencia Avenue  
 Brea CA 92823  
 LAT/LONG: 33.922355 / 117.844415

H-100

CLIENT: Northgate Env. Management Inc.  
 CONTACT: Nancy Leitner  
 INQUIRY #: 4848184.2s  
 DATE: February 07, 2017 8:12 pm





## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		1	0	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		1	NR	NR	NR	NR	1
<b><i>State- and tribal - equivalent NPL</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
ENVIROSTOR	1.000		4	0	1	4	NR	9
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	3	NR	NR	3
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		2	3	9	NR	NR	14

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	2	NR	NR	2
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	3	NR	NR	NR	5
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.500		1	0	0	NR	NR	1
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		2	0	NR	NR	NR	2
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		2	6	NR	NR	NR	8
CA FID UST	0.250		1	1	NR	NR	NR	2
<b><i>Local Land Records</i></b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	1	NR	NR	1
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
Orange Co. Industrial Site SPILLS 90	0.001		1	NR	NR	NR	NR	1
	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
EMI	0.001		1	NR	NR	NR	NR	1
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		1	NR	NR	NR	NR	1
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	3	6	NR	NR	9





Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A1 SHELL WESTERN OIL PROD  
2701 VALENCIA AVE  
< 1/8 BREA, CA  
1 ft.

RGA LUST S114688962  
N/A

Site 1 of 7 in cluster A

Relative: RGA LUST:  
Lower 2003 SHELL WESTERN OIL PROD 2701 VALENCIA AVE

Actual:  
505 ft.

2 LINN OPERATING, INC.  
< 1/8 ORANGE (County), CA  
1 ft.

UIC S118835300  
N/A

UIC:

Relative: API Number: 05900027  
Lower Confidential Well: No  
Well Number: 79  
Actual: Direction: Unknown  
476 ft. Lease Name: 100 Acre  
Field Name: Brea-Olinda  
Area Name: Any Area  
Section: 8  
Township: 03S  
Range: 09W  
Base And Meridian; Part Of The PLSS: SB  
GIS Source Code: gps  
Latitude: 33.92162  
Longitude: -117.8509  
Well Type: Water Disposal  
Well Status: Plugged  
Operator Code: L2025  
Operator Name: Linn Operating, Inc.  
BLM Well: N  
EPA Well: N  
Location: Not reported  
Dryhole: N  
Well DEP: 0  
Aband Status: Not reported

A3 HUNDRED ACRES LEASE/BREA-OLIND  
2701 VALENCIA AVENUE  
< 1/8 BREA, CA 93302  
1 ft.

HIST UST U001584185  
N/A

Site 2 of 7 in cluster A

Relative: HIST UST:  
Lower File Number: 0002EC7D  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EC7D.pdf>  
Actual: Region: STATE  
505 ft. Facility ID: 00000004744  
Facility Type: Other  
Other Type: OIL & GAS PRODUCTION  
Contact Name: GENE RICE  
Telephone: 7149936090  
Owner Name: OXY PETROLEUM, INC.  
Owner Address: P.O. BOX 939  
Owner City,St,Zip: BAKERSFIELD, CA 93302

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HUNDRED ACRES LEASE/BREA-OLIND (Continued)**

**U001584185**

Total Tanks: 0003

Tank Num: 001  
 Container Num: 1  
 Year Installed: Not reported  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Container Construction Thickness: Not reported  
 Leak Detection: Stock Inventor

Tank Num: 002  
 Container Num: 2  
 Year Installed: Not reported  
 Tank Capacity: 00000555  
 Tank Used for: PRODUCT  
 Type of Fuel: DIESEL  
 Container Construction Thickness: Not reported  
 Leak Detection: Stock Inventor

Tank Num: 003  
 Container Num: 3  
 Year Installed: Not reported  
 Tank Capacity: 00000555  
 Tank Used for: PRODUCT  
 Type of Fuel: REGULAR  
 Container Construction Thickness: Not reported  
 Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

**A4 SHELL #2701 RGA LUST S114686453**  
**2701 VALENCIA AVE N/A**  
**BREA, CA**

< 1/8  
 1 ft.

Site 3 of 7 in cluster A

Relative: RGA LUST:  
 Lower 2002 SHELL #2701 2701 VALENCIA AVE  
 2001 SHELL #2701 2701 VALENCIA AVE

Actual:  
 505 ft.

**A5 SHELL SERVICE STATION RGA LUST S114687964**  
**2701 VALENCIA AVENUE N/A**  
**BREA, CA**

< 1/8  
 1 ft.

Site 4 of 7 in cluster A

Relative: RGA LUST:  
 Lower 1998 SHELL SERVICE STATION 2701 VALENCIA AVENUE  
 1997 SHELL SERVICE STATION 2701 VALENCIA AVENUE  
 Actual: 1996 SHELL SERVICE STATION 2701 VALENCIA AVENUE  
 505 ft. 1995 SHELL SERVICE STATION 2701 VALENCIA AVENUE  
 1994 SHELL SERVICE STATION 2701 VALENCIA AVENUE  
 1993 SHELL SERVICE STATION 2701 VALENCIA AVENUE  
 1992 SHELL SERVICE STATION 2701 VALENCIA AVENUE

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**6**            **LINN OPERATING, INC.**

**UIC**    **S111644245**  
          **N/A**

**< 1/8**        **ORANGE (County), CA**  
**1 ft.**

**Relative:**        **UIC:**  
**Lower**            API Number:                    05920862  
                      Confidential Well:                No  
                      Well Number:                    118  
**Actual:**            Direction:                        Directionally drilled  
**478 ft.**            Lease Name:                      Olinda Fee Three  
                      Field Name:                      Brea-Olinda  
                      Area Name:                      Any Area  
                      Section:                         8  
                      Township:                        03S  
                      Range:                          09W  
                      Base And Meridian; Part Of The PLSS:    SB  
                      GIS Source Code:                gps  
                      Latitude:                        33.92124  
                      Longitude:                       -117.8463  
                      Well Type:                      Water Flood  
                      Well Status:                    Active or Odle  
                      Operator Code:                 L2025  
                      Operator Name:                 Linn Operating, Inc.  
                      BLM Well:                        N  
                      EPA Well:                        N  
                      Location:                        Not reported  
                      Dryhole:                        N  
                      Well DEP:                        0  
                      Aband Status:                    Not reported

**B7**            **LINN OPERATING, INC.**

**UIC**    **S118835846**  
          **N/A**

**< 1/8**        **ORANGE (County), CA**  
**1 ft.**

**Site 1 of 2 in cluster B**

**Relative:**        **UIC:**  
**Lower**            API Number:                    05921283  
                      Confidential Well:                No  
**Actual:**            Well Number:                    47  
**429 ft.**            Direction:                        Unknown  
                      Lease Name:                      Olinda Two  
                      Field Name:                      Brea-Olinda  
                      Area Name:                      Any Area  
                      Section:                         8  
                      Township:                        03S  
                      Range:                          09W  
                      Base And Meridian; Part Of The PLSS:    SB  
                      GIS Source Code:                gps  
                      Latitude:                        33.91897  
                      Longitude:                       -117.8444  
                      Well Type:                      Steam Flood  
                      Well Status:                    Plugged  
                      Operator Code:                 L2025  
                      Operator Name:                 Linn Operating, Inc.  
                      BLM Well:                        N  
                      EPA Well:                        N  
                      Location:                        Not reported  
                      Dryhole:                        N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LINN OPERATING, INC. (Continued)**

**S118835846**

Well DEP: 0  
Aband Status: Not reported

**8**

**PEPPER TREE CORRIDOR  
3202 VALENCIA AVE  
BREA, CA 92821**

**Orange Co. Industrial Site**

**S108985768  
N/A**

**< 1/8  
1 ft.**

Orange Co. Industrial Site:

**Relative:  
Lower**

Case ID: 08IC006  
Record ID: RO0003469  
Current Status: CLOSED 3/26/2009  
Closure Type: Closure certification issued  
Released Chemical: WASTE (OR SLOP) OIL

**Actual:  
462 ft.**

**B9**

**LINN OPERATING, INC.**

**UIC S118835847  
N/A**

**< 1/8  
1 ft.**

**ORANGE (County), CA**

**Site 2 of 2 in cluster B**

**Relative:  
Lower**

UIC:  
API Number: 05921284  
Confidential Well: No  
Well Number: 48  
Direction: Unknown  
Lease Name: Olinda Two  
Field Name: Brea-Olinda  
Area Name: Any Area  
Section: 8  
Township: 03S  
Range: 09W  
Base And Meridian; Part Of The PLSS: SB  
GIS Source Code: gps  
Latitude: 33.91926  
Longitude: -117.8452  
Well Type: Steam Flood  
Well Status: Plugged  
Operator Code: L2025  
Operator Name: Linn Operating, Inc.  
BLM Well: N  
EPA Well: N  
Location: Not reported  
Dryhole: N  
Well DEP: 0  
Aband Status: Not reported

**Actual:  
435 ft.**





Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C12**      **CARBON CANYON ROAD WIDENING PROJECT**  
**VALENCIA AVENUE & CARBON CANYON ROAD**  
**BREA, CA 92821**

**ENVIROSTOR**      **S106797611**  
**N/A**

< 1/8  
1 ft.

**Site 1 of 5 in cluster C**

**Relative:**  
**Lower**

ENVIROSTOR:  
Facility ID: 30160001  
Status: Refer: 1248 Local Agency  
Status Date: 02/20/2001  
Site Code: Not reported  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Cypress  
Assembly: 72  
Senate: Not reported  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not Applicable  
Latitude: 0  
Longitude: 0  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 30160001  
Alias Type: Envirostor ID Number

**Actual:**  
**525 ft.**

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: SB 1248 Notification  
Completed Date: 02/20/2001  
Comments: SB 1248 Orange County

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**C13**      **BREA-OLINDA SANITARY LANDFILL**  
**VALENCIA BL/CARBON CANYON RD**  
**SANTA ANA, CA 92705**

**EMI**    **S106827313**  
**N/A**

< 1/8  
1 ft.

**Site 2 of 5 in cluster C**

**Relative:**  
**Higher**

EMI:  
Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 4953  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4  
Reactive Organic Gases Tons/Yr: 3  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

**Actual:**  
**526 ft.**

**C14**      **COLUMBIA STEARNS MIDDLE SCHOOL**  
**LAMBERT ROAD/VALENCIA AVENUE**  
**BREA, CA 92821**

**ENVIROSTOR**    **S107736150**  
**SCH**            **N/A**

< 1/8  
1 ft.

**Site 3 of 5 in cluster C**

**Relative:**  
**Lower**

ENVIROSTOR:  
Facility ID: 30130181  
Status: Inactive - Needs Evaluation  
Status Date: 09/23/2002  
Site Code: 404219  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 22  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Shahir Haddad  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 55  
Senate: 29  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.92406  
Longitude: -117.8467  
APN: NONE SPECIFIED  
Past Use: \* OIL & GAS EXTRACTION  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: BREA OLINDA UNIFIED SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: BREA-OLINDA USD-COLUMBIA STEARNS

**Actual:**  
**525 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLUMBIA STEARNS MIDDLE SCHOOL (Continued)**

**S107736150**

Alias Type: Alternate Name  
Alias Name: COLUMBIA STEARNS MIDDLE SCH. (PROPOSED)  
Alias Type: Alternate Name  
Alias Name: 404219  
Alias Type: Project Code (Site Code)  
Alias Name: 30130181  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 04/20/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 09/23/2002  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SCH:

Facility ID: 30130181  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 22  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Shahir Haddad  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404219  
Assembly: 55  
Senate: 29  
Special Program Status: Not reported  
Status: Inactive - Needs Evaluation  
Status Date: 09/23/2002  
Restricted Use: NO  
Funding: School District  
Latitude: 33.92406  
Longitude: -117.8467  
APN: NONE SPECIFIED  
Past Use: \* OIL & GAS EXTRACTION

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COLUMBIA STEARNS MIDDLE SCHOOL (Continued)**

**S107736150**

Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: BREA OLINDA UNIFIED SCHOOL DISTRICT  
 Alias Type: Alternate Name  
 Alias Name: BREA-OLINDA USD-COLUMBIA STEARNS  
 Alias Type: Alternate Name  
 Alias Name: COLUMBIA STEARNS MIDDLE SCH. (PROPOSED)  
 Alias Type: Alternate Name  
 Alias Name: 404219  
 Alias Type: Project Code (Site Code)  
 Alias Name: 30130181  
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Environmental Oversight Agreement  
 Completed Date: 04/20/2001  
 Comments: Not reported

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Cost Recovery Closeout Memo  
 Completed Date: 09/23/2002  
 Comments: Not reported

Future Area Name: Not reported  
 Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

15

**LINN OPERATING, INC.**

**UIC S118835691**

< 1/8  
 1 ft.

**ORANGE (County), CA**

**N/A**

UIC:

**Relative:  
 Higher**

API Number: 05907566  
 Confidential Well: No  
 Well Number: 11  
 Direction: Unknown  
 Lease Name: Olinda Fee Three  
 Field Name: Brea-Olinda  
 Area Name: Any Area  
 Section: 8  
 Township: 03S  
 Range: 09W  
 Base And Meridian; Part Of The PLSS: SB  
 GIS Source Code: hud  
 Latitude: 33.92338  
 Longitude: -117.8440  
 Well Type: Water Flood

**Actual:  
 535 ft.**



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LINN OPERATING, INC. (Continued)**

**S118835691**

Well Status:	Plugged
Operator Code:	L2025
Operator Name:	Linn Operating, Inc.
BLM Well:	N
EPA Well:	N
Location:	Not reported
Dryhole:	N
Well DEP:	0
Aband Status:	Not reported

**C16**

**LANDFILL CONDENSATE-OLINDA ALP  
 VALENCIA & CARBON CANYON  
 BREA CA, CA**

**WMUDS/SWAT**

**S103443353  
 N/A**

< 1/8  
 1 ft.

**Site 4 of 5 in cluster C**

**Relative:  
 Lower**

WMUDS/SWAT:

**Actual:  
 525 ft.**

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	MISCEL
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	County
Agency Name:	ORANGE CO. IWMD
Agency Department:	Not reported
Agency Address:	320 N. FLOWER, SUITE 400
Agency City,St,Zip:	SANTA ANA CA 92703
Agency Contact:	KEVIN KONDRU
Agency Telephone:	7148344056
Land Owner Name:	Not reported
Land Owner Address:	Not reported
Land Owner City,St,Zip:	Not reported
Land Owner Contact:	Not reported
Land Owner Phone:	Not reported
Region:	8
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	Not reported
Primary SIC:	4953
Secondary SIC:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LANDFILL CONDENSATE-OLINDA ALP (Continued)**

**S103443353**

Comments: Not reported  
 Last Facility Editors: Not reported  
 Waste Discharge System: True  
 Solid Waste Assessment Test Program: False  
 Toxic Pits Cleanup Act Program: False  
 Resource Conservation Recovery Act: False  
 Department of Defence: False  
 Solid Waste Assessment Test Program: Not reported  
 Threat to Water Quality: Not reported  
 Sub Chapter 15: True  
 Regional Board Project Officer: Not reported  
 Number of WMUDS at Facility: 0  
 Section Range: Not reported  
 RCRA Facility: No  
 Waste Discharge Requirements: H  
 Self-Monitoring Rept. Frequency: Not reported  
 Waste Discharge System ID: 8 302717001  
 Solid Waste Information ID: Not reported

**C17**

**TONNER HILLS APARTMENT HOMES  
 LAMBERT RD & VALENCIA AVE  
 BREA, CA 92821**

**NPDES S109461148  
 N/A**

< 1/8  
 1 ft.

**Site 5 of 5 in cluster C**

**Relative:  
 Higher**

NPDES:

**Actual:  
 526 ft.**

Npdes Number: Not reported  
 Facility Status: Not reported  
 Agency Id: Not reported  
 Region: 8  
 Regulatory Measure Id: 347765  
 Order No: Not reported  
 Regulatory Measure Type: Construction  
 Place Id: Not reported  
 WDID: 8 30C352405  
 Program Type: Not reported  
 Adoption Date Of Regulatory Measure: Not reported  
 Effective Date Of Regulatory Measure: Not reported  
 Expiration Date Of Regulatory Measure: Not reported  
 Termination Date Of Regulatory Measure: Not reported  
 Discharge Name: Not reported  
 Discharge Address: Not reported  
 Discharge City: Not reported  
 Discharge State: Not reported  
 Discharge Zip: Not reported  
 RECEIVED DATE: 6/24/2008  
 PROCESSED DATE: 7/2/2008  
 STATUS CODE NAME: Active  
 STATUS DATE: 7/2/2008  
 PLACE SIZE: 4.44  
 PLACE SIZE UNIT: 52  
 FACILITY CONTACT NAME: Steve Armanino  
 FACILITY CONTACT TITLE: Not reported  
 FACILITY CONTACT PHONE: 949-263-8676  
 FACILITY CONTACT PHONE EXT: Not reported  
 FACILITY CONTACT EMAIL: Not reported  
 OPERATOR NAME: Jamboree Housing Corp  
 OPERATOR ADDRESS: 17701 Cowan Ste 200

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TONNER HILLS APARTMENT HOMES (Continued)**

**S109461148**

OPERATOR CITY: Irvine  
OPERATOR STATE: California  
OPERATOR ZIP: 92614  
OPERATOR CONTACT NAME: Michael Massie  
OPERATOR CONTACT TITLE: Director of Community Development  
OPERATOR CONTACT PHONE: 949-263-8676  
OPERATOR CONTACT PHONE EXT: Not reported  
OPERATOR CONTACT EMAIL: Not reported  
OPERATOR TYPE: Private Business  
DEVELOPER NAME: Tonner Hills LP  
DEVELOPER ADDRESS: 17701 Cowan Ste 200  
DEVELOPER CITY: Irvine  
DEVELOPER STATE: California  
DEVELOPER ZIP: 92614  
DEVELOPER CONTACT NAME: Steven Armanino  
DEVELOPER CONTACT TITLE: project Manager  
CONSTYPE LINEAR UTILITY IND: Not reported  
EMERGENCY PHONE NO: Not reported  
EMERGENCY PHONE EXT: Not reported  
CONSTYPE ABOVE GROUND IND: Not reported  
CONSTYPE BELOW GROUND IND: Not reported  
CONSTYPE CABLE LINE IND: Not reported  
CONSTYPE COMM LINE IND: Not reported  
CONSTYPE COMMERTIAL IND: Not reported  
CONSTYPE ELECTRICAL LINE IND: Not reported  
CONSTYPE GAS LINE IND: Not reported  
CONSTYPE INDUSTRIAL IND: Not reported  
CONSTYPE OTHER DESRIPTION: Not reported  
CONSTYPE OTHER IND: Not reported  
CONSTYPE RECONS IND: Not reported  
CONSTYPE RESIDENTIAL IND: Y  
CONSTYPE TRANSPORT IND: Not reported  
CONSTYPE UTILITY DESCRIPTION: Not reported  
CONSTYPE UTILITY IND: Not reported  
CONSTYPE WATER SEWER IND: Not reported  
DIR DISCHARGE USWATER IND: N  
RECEIVING WATER NAME: Not reported  
CERTIFIER NAME: Steven Armanino  
CERTIFIER TITLE: Not reported  
CERTIFICATION DATE: 28-MAY-10  
PRIMARY SIC: Not reported  
SECONDARY SIC: Not reported  
TERTIARY SIC: Not reported

**A18 SHELL WESTERN OIL PRODUCTS  
2701 VALENCIA AVE  
BREA, CA 92621**

**< 1/8  
1 ft.**

**Site 5 of 7 in cluster A**

**LUST S106447865  
N/A**

**Relative:  
Lower**

LUST:  
Region: STATE  
Global Id: T0605900615  
Latitude: 33.9226646  
Longitude: -117.8475263  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/20/1991

**Actual:  
505 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL WESTERN OIL PRODUCTS (Continued)**

**S106447865**

Lead Agency: ORANGE COUNTY LOP  
Case Worker: TE  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000776T  
LOC Case Number: 88UT021  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel, Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605900615  
Contact Type: Regional Board Caseworker  
Contact Name: CARL BERNHARDT  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Global Id: T0605900615  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

**Status History:**

Global Id: T0605900615  
Status: Open - Case Begin Date  
Status Date: 01/27/1988

Global Id: T0605900615  
Status: Completed - Case Closed  
Status Date: 08/20/1991

**Regulatory Activities:**

Global Id: T0605900615  
Action Type: Other  
Date: 01/27/1988  
Action: Leak Reported

Global Id: T0605900615  
Action Type: Other  
Date: 01/27/1988  
Action: Leak Discovery

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 88UT021  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL WESTERN OIL PRODUCTS (Continued)**

**S106447865**

Date Closed: 08/20/1991  
Record ID: RO0001262  
  
Region: ORANGE  
Facility Id: 88UT021  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 08/20/1991  
Record ID: RO0001262

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000776T  
Local Case Num: 88UT021  
Case Type: Soil only  
Substance: 12034,800661  
Qty Leaked: 0  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: Not reported  
Funding: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605900615  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Date Confirmation of Leak Began: Not reported  
Date Preliminary Assessment Began: Not reported  
Discover Date: 1/27/1988  
Enforcement Date: Not reported  
Close Date: 8/20/1991  
Date Prelim Assessment Workplan Submitted: Not reported  
Date Pollution Characterization Began: Not reported  
Date Remediation Plan Submitted: Not reported  
Date Remedial Action Underway: Not reported  
Date Post Remedial Action Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: Not reported  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.9229018  
Longitude: -117.8916896  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Concentration: 0  
Max MTBE Soil: Not reported  
MTBE Fuel: 0  
MTBE Tested: Not Required to be Tested.  
MTBE Class: \*  
Staff: CAB



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SHELL WESTERN OIL PRODUCTS (Continued)**

**S106447865**

Staff Initials:	AD
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

**A19 HUNDRED ACRES LEASE**  
**2701 VALENCIA AVE**  
**BREA, CA 92823**

**UST U004049952**  
**N/A**

< 1/8  
 1 ft.

Site 6 of 7 in cluster A

Relative:  
 Lower

UST:  
 Facility ID: 4805  
 Permitting Agency: ORANGE COUNTY  
 Latitude: 33.92248  
 Longitude: -117.84754

Actual:  
 505 ft.

**A20 SHELL WESTERN OIL PRODUCTS**  
**2701 VALENCIA**  
**BREA, CA**

**RGA LUST S114688963**  
**N/A**

< 1/8  
 1 ft.

Site 7 of 7 in cluster A

Relative:  
 Lower

RGA LUST:

2012	SHELL WESTERN OIL PRODUCTS	2701 VALENCIA
2011	SHELL WESTERN OIL PRODUCTS	2701 VALENCIA
2010	SHELL WESTERN OIL PRODUCTS	2701 VALENCIA
2009	SHELL WESTERN OIL PRODUCTS	2701 VALENCIA
2008	SHELL WESTERN OIL PRODUCTS	2701 VALENCIA
2007	SHELL WESTERN OIL PRODUCTS	2701 VALENCIA
2006	SHELL WESTERN OIL PRODUCTS	2701 VALENCIA
2005	SHELL WESTERN OIL PRODUCTS	2701 VALENCIA

Actual:  
 505 ft.

**21 N. VALENCIA AVE AND**  
**BREA, CA**

**ERNS 97415790**  
**N/A**

< 1/8  
 1 ft.

Relative:  
 Lower

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:  
 521 ft.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**22 TONNER HILLS SSP, LLC**

**UIC S118835862  
 N/A**

**< 1/8  
 1 ft. ORANGE (County), CA**

**Relative:** UIC:  
**Lower** API Number: 05921630  
 Confidential Well: No  
 Well Number: 309  
**Actual:** Direction: Directionally drilled  
**516 ft.** Lease Name: Stearns  
 Field Name: Brea-Olinda  
 Area Name: Any Area  
 Section: 8  
 Township: 03S  
 Range: 09W  
 Base And Meridian; Part Of The PLSS: SB  
 GIS Source Code: hud  
 Latitude: 33.92526  
 Longitude: -117.8520  
 Well Type: Water Flood  
 Well Status: Plugged  
 Operator Code: T3280  
 Operator Name: Tonner Hills SSP, LLC  
 BLM Well: N  
 EPA Well: N  
 Location: Not reported  
 Dryhole: N  
 Well DEP: 0  
 Aband Status: Not reported

**D23 SANTA FE ENERGY CO OLINDA**  
**ENE 17001 CARBON CYN RD**  
**< 1/8 BREA, CA 92821**  
**0.005 mi.**  
**25 ft. Site 1 of 2 in cluster D**

**RCRA-SQG 1000395136**  
**ENVIROSTOR CAD981692130**  
**LUST**  
**SWEEPS UST**  
**HIST UST**  
**CA FID UST**  
**Orange Co. Industrial Site**  
**EMI**

**Relative:**  
**Lower**

**Actual:** RCRA-SQG:  
**474 ft.** Date form received by agency: 09/01/1996  
 Facility name: SANTA FE ENERGY CO OLINDA  
 Facility address: 17001 CARBON CYN RD  
 BREA, CA 92821  
 EPA ID: CAD981692130  
 Mailing address: 4900 CA TOWER A #FOURTH HUNDRE  
 BAKERSFIELD, CA 93309  
 Contact: Not reported  
 Contact address: Not reported  
 Not reported  
 Contact country: US  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 09  
 Classification: Small Small Quantity Generator  
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANTA FE ENERGY CO OLINDA (Continued)**

**1000395136**

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SANTA FE ENERGY CO  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/08/1986  
Site name: SANTA FE ENERGY CO OLINDA  
Classification: Large Quantity Generator

Violation Status: No violations found

ENVIROSTOR:

Facility ID: 30130183  
Status: Refer: 1248 Local Agency  
Status Date: 07/30/2001  
Site Code: Not reported  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: 0  
NPL: NO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANTA FE ENERGY CO OLINDA (Continued)**

**1000395136**

Regulatory Agencies: ORANGE COUNTY  
Lead Agency: ORANGE COUNTY  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Cypress  
Assembly: 72  
Senate: Not reported  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not Applicable  
Latitude: 0  
Longitude: 0  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 30130183  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: SB 1248 Notification  
Completed Date: 08/02/2001  
Comments: SB 1248 Orange County

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

LUST:

Region: STATE  
Global Id: T0605901866  
Latitude: 33.9236019  
Longitude: -117.843707  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 05/16/1996  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: TE  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083002689T  
LOC Case Number: 95UT039  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANTA FE ENERGY CO OLINDA (Continued)**

**1000395136**

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901866  
Contact Type: Regional Board Caseworker  
Contact Name: NANCY OLSON-MARTIN  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: nolson-martin@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605901866  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

**Status History:**

Global Id: T0605901866  
Status: Open - Case Begin Date  
Status Date: 05/04/1995

Global Id: T0605901866  
Status: Completed - Case Closed  
Status Date: 05/16/1996

**Regulatory Activities:**

Global Id: T0605901866  
Action Type: ENFORCEMENT  
Date: 05/16/1996  
Action: Closure/No Further Action Letter

Global Id: T0605901866  
Action Type: Other  
Date: 05/04/1995  
Action: Leak Reported

Global Id: T0605901866  
Action Type: REMEDIATION  
Date: 04/17/1996  
Action: Excavation

Global Id: T0605901866  
Action Type: Other  
Date: 05/04/1995  
Action: Leak Discovery

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 95UT039



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANTA FE ENERGY CO OLINDA (Continued)**

**1000395136**

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 05/16/1996  
Record ID: RO0001939

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083002689T  
Local Case Num: 95UT039  
Case Type: Soil only  
Substance: Gasoline  
Qty Leaked: 0  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: Not reported  
Funding: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605901866  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Date Confirmation of Leak Began: Not reported  
Date Preliminary Assessment Began: Not reported  
Discover Date: 5/4/1995  
Enforcement Date: Not reported  
Close Date: 5/16/1996  
Date Prelim Assessment Workplan Submitted: Not reported  
Date Pollution Characterization Began: Not reported  
Date Remediation Plan Submitted: Not reported  
Date Remedial Action Underway: Not reported  
Date Post Remedial Action Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: Not reported  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.9236019  
Longitude: -117.843707  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Concentration: 0  
Max MTBE Soil: Not reported  
MTBE Fuel: 1  
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
MTBE Class: \*  
Staff: NOM  
Staff Initials: AD  
Lead Agency: Local Agency  
Local Agency: 30000L  
Hydr Basin #: Not reported  
Beneficial: MUN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANTA FE ENERGY CO OLINDA (Continued)**

**1000395136**

Priority: Not reported  
Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Summary: Not reported

**SWEEPS UST:**

Status: Active  
Comp Number: 4064  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 30-000-004064-000001  
Tank Status: A  
Capacity: 2000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 1

**HIST UST:**

File Number: 0002ED90  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ED90.pdf>  
Region: STATE  
Facility ID: 00000010697  
Facility Type: Other  
Other Type: CRUDE OIL PRODUCTION  
Contact Name: H. M. FARREN  
Telephone: 7145287433  
Owner Name: SANTA FE ENERGY COMPANY  
Owner Address: 10737 SHOEMAKER AVENUE  
Owner City,St,Zip: SANTA FE SPRINGS, CA 90670  
Total Tanks: 0001

Tank Num: 001  
Container Num: 13  
Year Installed: 1982  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 10  
Leak Detection: None

Click here for Geo Tracker PDF:

**CA FID UST:**

Facility ID: 30007195  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145287433  
Mail To: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANTA FE ENERGY CO OLINDA (Continued)**

**1000395136**

Mailing Address: SANTA FE ENERGY CO 4  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BREA 92621  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

Orange Co. Industrial Site:

Case ID: 011C020  
Record ID: RO0000041  
Current Status: CLOSED 9/30/2004  
Closure Type: Closure certification issued  
Released Chemical: FUEL WASTE

Case ID: 911C056  
Record ID: RO0000344  
Current Status: CLOSED 7/15/2003  
Closure Type: Closure certification issued  
Released Chemical: WASTE (OR SLOP) OIL

EMI:

Year: 2006  
County Code: 30  
Air Basin: SC  
Facility ID: 150400  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4.630419227801633208  
Reactive Organic Gases Tons/Yr: 3.001  
Carbon Monoxide Emissions Tons/Yr: .233  
NOX - Oxides of Nitrogen Tons/Yr: .866  
SOX - Oxides of Sulphur Tons/Yr: .004  
Particulate Matter Tons/Yr: .05  
Part. Matter 10 Micrometers and Smllr Tons/Yr: .0486

Year: 2007  
County Code: 30  
Air Basin: SC  
Facility ID: 150400  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4.630419227801633208  
Reactive Organic Gases Tons/Yr: 3.001  
Carbon Monoxide Emissions Tons/Yr: .233  
NOX - Oxides of Nitrogen Tons/Yr: .866  
SOX - Oxides of Sulphur Tons/Yr: .004

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANTA FE ENERGY CO OLINDA (Continued)**

**1000395136**

Particulate Matter Tons/Yr: .05  
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0486  
  
Year: 2008  
County Code: 30  
Air Basin: SC  
Facility ID: 150400  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.698550530551708762  
Reactive Organic Gases Tons/Yr: 1.641240910348198454  
Carbon Monoxide Emissions Tons/Yr: .15  
NOX - Oxides of Nitrogen Tons/Yr: .6  
SOX - Oxides of Sulphur Tons/Yr: .002805  
Particulate Matter Tons/Yr: .03  
Part. Matter 10 Micrometers and Smlr Tons/Yr:.0295

Year: 2009  
County Code: 30  
Air Basin: SC  
Facility ID: 150400  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 14.9569415555115  
Reactive Organic Gases Tons/Yr: 9.02071600000000002  
Carbon Monoxide Emissions Tons/Yr: 0.77000000000000002  
NOX - Oxides of Nitrogen Tons/Yr: 2.87000000000000001  
SOX - Oxides of Sulphur Tons/Yr: 0.01225  
Particulate Matter Tons/Yr: 0.14999999999999999  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.14899999999999999

Year: 2010  
County Code: 30  
Air Basin: SC  
Facility ID: 150400  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 13.451806333383701  
Reactive Organic Gases Tons/Yr: 8.12088999999999993  
Carbon Monoxide Emissions Tons/Yr: 1.57400000000000001  
NOX - Oxides of Nitrogen Tons/Yr: 5.11969000000000003  
SOX - Oxides of Sulphur Tons/Yr: 2.38599999999999999E-2  
Particulate Matter Tons/Yr: 0.29537999999999998  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.29469408000000002

Year: 2011  
County Code: 30  
Air Basin: SC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANTA FE ENERGY CO OLINDA (Continued)**

**1000395136**

Facility ID: 150400  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 13.667886144  
Reactive Organic Gases Tons/Yr: 8.24427  
Carbon Monoxide Emissions Tons/Yr: 1.50771  
NOX - Oxides of Nitrogen Tons/Yr: 5.41843  
SOX - Oxides of Sulphur Tons/Yr: 0.02505  
Particulate Matter Tons/Yr: 0.3126  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.31191552

Year: 2012  
County Code: 30  
Air Basin: SC  
Facility ID: 150400  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 14.857127072  
Reactive Organic Gases Tons/Yr: 8.97345  
Carbon Monoxide Emissions Tons/Yr: 1.48391  
NOX - Oxides of Nitrogen Tons/Yr: 5.33003  
SOX - Oxides of Sulphur Tons/Yr: 0.02465  
Particulate Matter Tons/Yr: 0.3075  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.30749952

Year: 2013  
County Code: 30  
Air Basin: SC  
Facility ID: 150400  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 6.9836270541  
Reactive Organic Gases Tons/Yr: 4.15372  
Carbon Monoxide Emissions Tons/Yr: 1.62849  
NOX - Oxides of Nitrogen Tons/Yr: 5.00962  
SOX - Oxides of Sulphur Tons/Yr: 0.02345  
Particulate Matter Tons/Yr: 0.28905  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.28904724

Year: 2014  
County Code: 30  
Air Basin: SC  
Facility ID: 150400  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SANTA FE ENERGY CO OLINDA (Continued)**

**1000395136**

Total Organic Hydrocarbon Gases Tons/Yr: 6.3678208898  
 Reactive Organic Gases Tons/Yr: 3.83899  
 Carbon Monoxide Emissions Tons/Yr: 1.52411  
 NOX - Oxides of Nitrogen Tons/Yr: 5.29793  
 SOX - Oxides of Sulphur Tons/Yr: 0.02412  
 Particulate Matter Tons/Yr: 0.29974  
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0.2997324

**D24  
 ENE  
 < 1/8  
 0.005 mi.  
 25 ft.**

**SANTA FE ENERGY CO OLINDA FAC  
 17001 CARBON CANYON RD  
 BREA, CA 92823**

**UST U003713850  
 N/A**

**Site 2 of 2 in cluster D**

**Relative:  
 Lower**

UST:  
 Facility ID: 4064  
 Permitting Agency: ORANGE COUNTY

**Actual:  
 474 ft.**

Latitude: 33.92307  
 Longitude: -117.83997

**E25  
 NNW  
 < 1/8  
 0.013 mi.  
 68 ft.**

**OLINDA RANCH ELEMENTARY  
 17001 EAST CARSON CANYON ROAD  
 BREA, CA 92823**

**ENVIROSTOR S107736957  
 SCH N/A**

**Site 1 of 2 in cluster E**

**Relative:  
 Lower**

ENVIROSTOR:  
 Facility ID: 30130179  
 Status: Inactive - Needs Evaluation  
 Status Date: 01/24/2000  
 Site Code: 404053  
 Site Type: School Investigation  
 Site Type Detailed: School  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Shahir Haddad  
 Supervisor: Mark Malinowski  
 Division Branch: Southern California Schools & Brownfields Outreach  
 Assembly: 55  
 Senate: 29  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: School District  
 Latitude: 33.92413  
 Longitude: -117.8455  
 APN: NONE SPECIFIED  
 Past Use: \* OIL & GAS EXTRACTION  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: BREA OLINDA UNIFIED SCHOOL DISTRICT  
 Alias Type: Alternate Name  
 Alias Name: BREA OLINDA USD-OLINDA RANCH ELEM/VCA

**Actual:  
 519 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OLINDA RANCH ELEMENTARY (Continued)**

**S107736957**

Alias Type: Alternate Name  
Alias Name: BREA OLINDA USD-OLINDA RNCH ELEM  
Alias Type: Alternate Name  
Alias Name: OLINDA RANCH ELEMENTARY SCHOOL  
Alias Type: Alternate Name  
Alias Name: 404020  
Alias Type: Project Code (Site Code)  
Alias Name: 404053  
Alias Type: Project Code (Site Code)  
Alias Name: 30130179  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 03/02/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 02/27/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 01/24/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inactive Status Letter  
Completed Date: 02/08/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 04/11/2000  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

SCH:

Facility ID: 30130179  
Site Type: School Investigation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OLINDA RANCH ELEMENTARY (Continued)**

**S107736957**

Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: Not reported  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Shahir Haddad  
Supervisor: Mark Malinowski  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404053  
Assembly: 55  
Senate: 29  
Special Program Status: Not reported  
Status: Inactive - Needs Evaluation  
Status Date: 01/24/2000  
Restricted Use: NO  
Funding: School District  
Latitude: 33.92413  
Longitude: -117.8455  
APN: NONE SPECIFIED  
Past Use: \* OIL & GAS EXTRACTION  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: BREA OLINDA UNIFIED SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: BREA OLINDA USD-OLINDA RANCH ELEM/VCA  
Alias Type: Alternate Name  
Alias Name: BREA OLINDA USD-OLINDA RNCH ELEM  
Alias Type: Alternate Name  
Alias Name: OLINDA RANCH ELEMENTARY SCHOOL  
Alias Type: Alternate Name  
Alias Name: 404020  
Alias Type: Project Code (Site Code)  
Alias Name: 404053  
Alias Type: Project Code (Site Code)  
Alias Name: 30130179  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 03/02/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 02/27/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 01/24/2000  
Comments: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**OLINDA RANCH ELEMENTARY (Continued)**

**S107736957**

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Inactive Status Letter  
 Completed Date: 02/08/2001  
 Comments: Not reported

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Environmental Oversight Agreement  
 Completed Date: 04/11/2000  
 Comments: Not reported

Future Area Name: Not reported  
 Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

**E26**  
**NNW**  
**< 1/8**  
**0.041 mi.**  
**215 ft.**

**3678 PHEASANT LN**  
**BREA, CA 92823**  
**Site 2 of 2 in cluster E**

**EDR Hist Cleaner 1015050134**  
**N/A**

**Relative:** EDR Historical Cleaners:  
**Lower** Name: HI POWER CARPET CLEANING  
 Year: 2008  
**Actual:** Address: 3678 PHEASANT LN  
**524 ft.**

**F27**  
**East**  
**1/8-1/4**  
**0.126 mi.**  
**666 ft.**

**CARBON CANYON REGIONAL PARK**  
**4422 CARBON CANYON ROAD**  
**BREA, CA 92621**  
**Site 1 of 3 in cluster F**

**HIST UST S112953243**  
**HAZNET N/A**

**Relative:** HIST UST:  
**Lower** File Number: 0002E820  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E820.pdf>  
**Actual:** Region: Not reported  
**466 ft.** Facility ID: Not reported  
 Facility Type: Not reported  
 Other Type: Not reported  
 Contact Name: Not reported  
 Telephone: Not reported  
 Owner Name: Not reported  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Total Tanks: Not reported

Tank Num: Not reported  
 Container Num: Not reported  
 Year Installed: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CARBON CANYON REGIONAL PARK (Continued)**

**S112953243**

Tank Capacity: Not reported  
 Tank Used for: Not reported  
 Type of Fuel: Not reported  
 Container Construction Thickness: Not reported  
 Leak Detection: Not reported

Click here for Geo Tracker PDF:

**HAZNET:**

envid: S112953243  
 Year: 2006  
 GEPAID: CAC002603270  
 Contact: TONY NAVAREZ  
 Telephone: 7145677799  
 Mailing Name: Not reported  
 Mailing Address: 1143 E FRUIT ST  
 Mailing City,St,Zip: SANTA ANA, CA 927014204  
 Gen County: Not reported  
 TSD EPA ID: CAD028409019  
 TSD County: Not reported  
 Waste Category: Asbestos containing waste  
 Disposal Method: Transfer Station  
 Tons: 0.21  
 Cat Decode: Not reported  
 Method Decode: Not reported  
 Facility County: Orange

**F28  
 East  
 1/8-1/4  
 0.126 mi.  
 666 ft.**

**CARBON CANYON REGIONAL PARK  
 4422 CARBON CANYON RD  
 BREA, CA 92621**

**HIST UST U001576722  
 N/A**

**Site 2 of 3 in cluster F**

**Relative:  
 Lower**

**HIST UST:**

File Number: Not reported  
 URL: Not reported  
 Region: STATE  
 Facility ID: 00000031618  
 Facility Type: Other  
 Other Type: REGIONAL PARK  
 Contact Name: NEIL UNDERHILL  
 Telephone: 7149965252  
 Owner Name: COUNTY OF ORANGE, ENVIRONMENTA  
 Owner Address: 10852 DOUGLASS ROAD  
 Owner City,St,Zip: ANAHEIM, CA 92807  
 Total Tanks: 0001

**Actual:  
 466 ft.**

Tank Num: 001  
 Container Num: 548-01  
 Year Installed: 1977  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: UNLEADED  
 Container Construction Thickness: Not reported  
 Leak Detection: Visual, None



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**29**  
**SSW**  
**1/8-1/4**  
**0.135 mi.**  
**712 ft.**

**BREA OPERATIONS CENTER B1-14**  
**275 VALENCIA AVE**  
**BREA, CA 92621**

**HIST UST**    **U001576718**  
**N/A**

**Relative:**  
**Lower**

HIST UST:

**Actual:**  
**424 ft.**

File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000028382  
Facility Type: Other  
Other Type: BANK  
Contact Name: GEORGE I. METHE  
Telephone: 7149612240  
Owner Name: SECURITY PACIFIC NATIONAL BANK  
Owner Address: 275 S. VALENCIA AVE.  
Owner City,St,Zip: BREA, CA 92621  
Total Tanks: 0004

Tank Num: 001  
Container Num: #1  
Year Installed: 1984  
Tank Capacity: 00001500  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Sensor Instrument

Tank Num: 002  
Container Num: #4  
Year Installed: 1984  
Tank Capacity: 00004000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Sensor Instrument

Tank Num: 003  
Container Num: #3  
Year Installed: 1984  
Tank Capacity: 00048000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Sensor Instrument

Tank Num: 004  
Container Num: #2  
Year Installed: 1984  
Tank Capacity: 00048000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Sensor Instrument

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>F30</b>	<b>SANTA FE ENERGY RESOURCES</b>	<b>HIST CORTESE</b>	<b>S105022921</b>
<b>East</b>	<b>17001 CARBON CNYN</b>		<b>N/A</b>
<b>1/8-1/4</b>	<b>BREA, CA 92621</b>		
<b>0.162 mi.</b>			
<b>858 ft.</b>	<b>Site 3 of 3 in cluster F</b>		

<b>Relative:</b>	HIST CORTESE:		
<b>Lower</b>	Region:	CORTESE	
	Facility County Code:	30	
<b>Actual:</b>	Reg By:	LTNKA	
<b>469 ft.</b>	Reg Id:	083002689T	

<b>G31</b>	<b>BECKMAN DATA CENTER</b>	<b>UST</b>	<b>U003433485</b>
<b>SW</b>	<b>3300 E BIRCH ST</b>		<b>N/A</b>
<b>1/8-1/4</b>	<b>BREA, CA 92821</b>		
<b>0.175 mi.</b>			
<b>923 ft.</b>	<b>Site 1 of 4 in cluster G</b>		

<b>Relative:</b>	UST:		
<b>Lower</b>	Facility ID:	4647	
	Permitting Agency:	ORANGE COUNTY	
<b>Actual:</b>	Latitude:	33.918809	
<b>450 ft.</b>	Longitude:	-117.849928	

<b>G32</b>	<b>BECKMAN DATA CENTER</b>	<b>SWEEPS UST</b>	<b>U002095935</b>
<b>SW</b>	<b>3300 E BIRCH ST</b>	<b>HIST UST</b>	<b>N/A</b>
<b>1/8-1/4</b>	<b>BREA, CA 92621</b>		
<b>0.175 mi.</b>			
<b>923 ft.</b>	<b>Site 2 of 4 in cluster G</b>		

<b>Relative:</b>	SWEEPS UST:		
<b>Lower</b>	Status:	Active	
	Comp Number:	4647	
<b>Actual:</b>	Number:	9	
<b>450 ft.</b>	Board Of Equalization:	44-016233	
	Referral Date:	09-30-92	
	Action Date:	09-15-92	
	Created Date:	02-29-88	
	Owner Tank Id:	Not reported	
	SWRCB Tank Id:	30-000-004647-000001	
	Tank Status:	A	
	Capacity:	12000	
	Active Date:	Not reported	
	Tank Use:	M.V. FUEL	
	STG:	P	
	Content:	DIESEL	
	Number Of Tanks:	2	
	Status:	Active	
	Comp Number:	4647	
	Number:	9	
	Board Of Equalization:	44-016233	
	Referral Date:	09-30-92	
	Action Date:	09-15-92	
	Created Date:	02-29-88	
	Owner Tank Id:	Not reported	
	SWRCB Tank Id:	30-000-004647-000002	
	Tank Status:	A	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BECKMAN DATA CENTER (Continued)**

**U002095935**

Capacity: 12000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

**HIST UST:**

File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000016438  
Facility Type: Other  
Other Type: Not reported  
Contact Name: E. JENS  
Telephone: 7149613300  
Owner Name: BECKMAN INSTRUMENTS, INC.  
Owner Address: 2500 N HARBOR BLVD.  
Owner City,St,Zip: FULLERTON, CA 92634  
Total Tanks: 0002

Tank Num: 001  
Container Num: 1  
Year Installed: 1980  
Tank Capacity: 00001200  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1980  
Tank Capacity: 00001200  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

**G33**  
**SW**  
**1/8-1/4**  
**0.175 mi.**  
**923 ft.**

**BECKMAN DATA CENTER**  
**3300 E BIRCH ST**  
**BREA, CA 92621**

**CA FID UST** **S101619638**  
**NPDES** **N/A**

**Site 3 of 4 in cluster G**

**Relative:**  
**Lower**

CA FID UST:  
Facility ID: 30015440  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7149613434  
Mail To: Not reported  
Mailing Address: 2500 N HARBOR BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BREA 92621  
Contact: Not reported

**Actual:**  
**450 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BECKMAN DATA CENTER (Continued)**

**S101619638**

Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**NPDES:**

Npdes Number: CAS000002  
Facility Status: Active  
Agency Id: 0  
Region: 8  
Regulatory Measure Id: 465564  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 8 30C374321  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 10/15/2015  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Brea Industrial III LLC  
Discharge Address: 500 Newport Center Drive Suite 630  
Discharge City: Newport Beach  
Discharge State: California  
Discharge Zip: 92660  
RECEIVED DATE: Not reported  
PROCESSED DATE: Not reported  
STATUS CODE NAME: Not reported  
STATUS DATE: Not reported  
PLACE SIZE: Not reported  
PLACE SIZE UNIT: Not reported  
FACILITY CONTACT NAME: Not reported  
FACILITY CONTACT TITLE: Not reported  
FACILITY CONTACT PHONE: Not reported  
FACILITY CONTACT PHONE EXT: Not reported  
FACILITY CONTACT EMAIL: Not reported  
OPERATOR NAME: Not reported  
OPERATOR ADDRESS: Not reported  
OPERATOR CITY: Not reported  
OPERATOR STATE: Not reported  
OPERATOR ZIP: Not reported  
OPERATOR CONTACT NAME: Not reported  
OPERATOR CONTACT TITLE: Not reported  
OPERATOR CONTACT PHONE: Not reported  
OPERATOR CONTACT PHONE EXT: Not reported  
OPERATOR CONTACT EMAIL: Not reported  
OPERATOR TYPE: Not reported  
DEVELOPER NAME: Not reported  
DEVELOPER ADDRESS: Not reported  
DEVELOPER CITY: Not reported  
DEVELOPER STATE: Not reported  
DEVELOPER ZIP: Not reported  
DEVELOPER CONTACT NAME: Not reported  
DEVELOPER CONTACT TITLE: Not reported  
CONSTYPE LINEAR UTILITY IND: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BECKMAN DATA CENTER (Continued)**

**S101619638**

EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

**G34**  
**SW**  
 1/8-1/4  
 0.175 mi.  
 923 ft.

**BECKMAN INSTRUMENTS**  
**3300 BIRCH ST**  
**BREA, CA 92621**  
 Site 4 of 4 in cluster G

**LUST** S103952196  
**HIST UST** N/A  
**HIST CORTESE**

**Relative:**  
**Lower**

**LUST:**

Region:	STATE
Global Id:	T0605900826
Latitude:	33.917447
Longitude:	-117.851835
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/24/1990
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	TE
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001045T
LOC Case Number:	85UT006
File Location:	Local Agency
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

**Actual:**  
**450 ft.**

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id:	T0605900826
Contact Type:	Regional Board Caseworker
Contact Name:	PATRICIA HANNON
Organization Name:	SANTA ANA RWQCB (REGION 8)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BECKMAN INSTRUMENTS (Continued)**

**S103952196**

Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: phannon@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605900826  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

Status History:

Global Id: T0605900826  
Status: Open - Case Begin Date  
Status Date: 01/10/1985

Global Id: T0605900826  
Status: Completed - Case Closed  
Status Date: 09/24/1990

Regulatory Activities:

Global Id: T0605900826  
Action Type: ENFORCEMENT  
Date: 09/24/1990  
Action: Closure/No Further Action Letter

Global Id: T0605900826  
Action Type: Other  
Date: 01/10/1985  
Action: Leak Reported

Global Id: T0605900826  
Action Type: REMEDIATION  
Date: 02/20/1985  
Action: Excavation

Global Id: T0605900826  
Action Type: ENFORCEMENT  
Date: 04/29/2008  
Action: Staff Letter

Global Id: T0605900826  
Action Type: Other  
Date: 01/10/1985  
Action: Leak Discovery

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 85UT006  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 09/24/1990  
Record ID: RO0001355

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BECKMAN INSTRUMENTS (Continued)**

**S103952196**

LUST REG 8:  
Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001045T  
Local Case Num: 85UT006  
Case Type: Soil only  
Substance: Diesel  
Qty Leaked: 0  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: Not reported  
Funding: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605900826  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Date Confirmation of Leak Began: Not reported  
Date Preliminary Assessment Began: Not reported  
Discover Date: 1/10/1985  
Enforcement Date: Not reported  
Close Date: 9/24/1990  
Date Prelim Assessment Workplan Submitted: Not reported  
Date Pollution Characterization Began: Not reported  
Date Remediation Plan Submitted: Not reported  
Date Remedial Action Underway: Not reported  
Date Post Remedial Action Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: Not reported  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.917884  
Longitude: -117.8574273  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Concentration: 0  
Max MTBE Soil: Not reported  
MTBE Fuel: 0  
MTBE Tested: Not Required to be Tested.  
MTBE Class: \*  
Staff: PAH  
Staff Initials: AD  
Lead Agency: Local Agency  
Local Agency: 30000L  
Hydr Basin #: Not reported  
Beneficial: MUN  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Summary: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BECKMAN INSTRUMENTS (Continued)**

**S103952196**

HIST UST:

File Number: 0002E60D  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E60D.pdf>  
 Region: Not reported  
 Facility ID: Not reported  
 Facility Type: Not reported  
 Other Type: Not reported  
 Contact Name: Not reported  
 Telephone: Not reported  
 Owner Name: Not reported  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Total Tanks: Not reported

Tank Num: Not reported  
 Container Num: Not reported  
 Year Installed: Not reported  
 Tank Capacity: Not reported  
 Tank Used for: Not reported  
 Type of Fuel: Not reported  
 Container Construction Thickness: Not reported  
 Leak Detection: Not reported

Click here for Geo Tracker PDF:

HIST CORTESE:

Region: CORTESE  
 Facility County Code: 30  
 Reg By: LTNKA  
 Reg Id: 083001045T

**35**  
**WSW**  
**1/8-1/4**  
**0.193 mi.**  
**1020 ft.**

**HEALTH CARE APPAREL SER, DIV OF L&N UNF**  
**3100 E BIRCH**  
**BREA, CA 92821**

**DRYCLEANERS** **S106076973**  
**EMI** **N/A**

**Relative:**  
**Lower**

DRYCLEANERS:

EPA Id: CAL000268725  
 NAICS Code: 333312  
 NAICS Description: Commercial Laundry, Drycleaning, and Pressing Machine Manufacturing  
 SIC Code: 3582  
 SIC Description: Commercial Laundry, Drycleaning and Pressing Machines  
 Create Date: 04/07/2003  
 Facility Active: No  
 Inactive Date: 06/30/2005  
 Facility Addr2: Not reported  
 Owner Name: L & N UNIFORM SUPPLY  
 Owner Address: 3100 E BIRCH ST  
 Owner Address 2: Not reported  
 Owner Telephone: 7149962991  
 Contact Name: LARRY LEAL PLANT MANAGER  
 Contact Address: 3100 E BIRCH ST  
 Contact Address 2: Not reported  
 Contact Telephone: 7149962991  
 Mailing Name: Not reported  
 Mailing Address 1: 3100 E BIRCH ST

**Actual:**  
**437 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HEALTH CARE APPAREL SER, DIV OF L&N UNF (Continued)

S106076973

Mailing Address 2: Not reported  
Mailing City: BREA  
Mailing State: CA  
Mailing Zip: 92821  
Owner Fax: Not reported  
Region Code: 4

EMI:

Year: 2002  
County Code: 30  
Air Basin: SC  
Facility ID: 96659  
Air District Name: SC  
SIC Code: 7211  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003  
County Code: 30  
Air Basin: SC  
Facility ID: 96659  
Air District Name: SC  
SIC Code: 7211  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2004  
County Code: 30  
Air Basin: SC  
Facility ID: 96659  
Air District Name: SC  
SIC Code: 7211  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.0964  
Reactive Organic Gases Tons/Yr: 0.04  
Carbon Monoxide Emissions Tons/Yr: 0.622  
NOX - Oxides of Nitrogen Tons/Yr: 0.74  
SOX - Oxides of Sulphur Tons/Yr: 0.00444  
Particulate Matter Tons/Yr: 0.0562

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**HEALTH CARE APPAREL SER, DIV OF L&N UNF (Continued)**

**S106076973**

Part. Matter 10 Micrometers and Smlr Tons/Yr:0.06

**36**  
**East**  
**1/8-1/4**  
**0.194 mi.**  
**1022 ft.**

**CARBON CANYON PARK**  
**4442 CARBON CANYON RD**  
**BREA, CA 92823**

**UST U003783727**  
**N/A**

**Relative:**  
**Lower**

UST:  
Facility ID: 6087  
Permitting Agency: ORANGE COUNTY  
Latitude: 33.923691  
Longitude: -117.8356921

**Actual:**  
**442 ft.**

**37**  
**SSW**  
**1/8-1/4**  
**0.216 mi.**  
**1138 ft.**

**FRED L. HARTLEY RESEARCH CENTE**  
**376 VALENCIA AVE**  
**BREA, CA 92621**

**HIST UST U001576727**  
**N/A**

**Relative:**  
**Lower**

HIST UST:  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000061553  
Facility Type: Other  
Other Type: PETROLEUM RESEARCH  
Contact Name: Not reported  
Telephone: 7145287201  
Owner Name: UNION OIL COMPANY OF CALIFORNI  
Owner Address: 461 S. BOYLSTON  
Owner City,St,Zip: LOS ANGELES, CA 90017  
Total Tanks: 0006

**Actual:**  
**405 ft.**

Tank Num: 001  
Container Num: SL-1  
Year Installed: 1955  
Tank Capacity: 00009000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: 1/4  
Leak Detection: None

Tank Num: 001  
Container Num: GY81-1  
Year Installed: 1985  
Tank Capacity: 00002900  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 10  
Leak Detection: Visual

Tank Num: 002  
Container Num: GY81-2  
Year Installed: 1985  
Tank Capacity: 00002900



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FRED L. HARTLEY RESEARCH CENTE (Continued)**

**U001576727**

Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 10  
Leak Detection: Visual

Tank Num: 002  
Container Num: K-14  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: K-15  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: K-16  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: IWS-1  
Year Installed: 1950  
Tank Capacity: 00008000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 006  
Container Num: HB-1  
Year Installed: 1950  
Tank Capacity: 00000000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
 EPA ID Number

**H38 HARBOR FABRICATING CO INC**  
**SW 255 VOYAGER AV**  
**1/8-1/4 BREA, CA 92621**  
**0.247 mi.**  
**1306 ft. Site 1 of 7 in cluster H**

**LUST S103646845**  
**EMI N/A**

**Relative:**  
**Lower**

LUST REG 8:

**Actual:**  
**423 ft.**

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001137T
Local Case Num:	90UT223
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900897
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	9/7/1990
Enforcement Date:	Not reported
Close Date:	4/3/1991
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.917178
Longitude:	-117.8540362
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	PAH
Staff Initials:	AD
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FABRICATING CO INC (Continued)**

**S103646845**

Priority: Not reported  
Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Summary: Not reported

**EMI:**

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 1726  
Air District Name: SC  
SIC Code: 3799  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 6  
Reactive Organic Gases Tons/Yr: 6  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 1726  
Air District Name: SC  
SIC Code: 3799  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4  
Reactive Organic Gases Tons/Yr: 4  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1997  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 24  
Reactive Organic Gases Tons/Yr: 17  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FABRICATING CO INC (Continued)**

**S103646845**

Year: 1998  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 20  
Reactive Organic Gases Tons/Yr: 15  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 24  
Reactive Organic Gases Tons/Yr: 17  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 24  
Reactive Organic Gases Tons/Yr: 17  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FABRICATING CO INC (Continued)**

**S103646845**

Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 15  
Reactive Organic Gases Tons/Yr: 8  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2002  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 7  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 7  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2004  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 7.3317  
Reactive Organic Gases Tons/Yr: 7.26  
Carbon Monoxide Emissions Tons/Yr: 0



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HARBOR FABRICATING CO INC (Continued)**

**S103646845**

NOX - Oxides of Nitrogen Tons/Yr: 0  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr: 0.588  
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0.41

Year: 2005  
 County Code: 30  
 Air Basin: SC  
 Facility ID: 92863  
 Air District Name: SC  
 SIC Code: 3713  
 Air District Name: SOUTH COAST AQMD  
 Community Health Air Pollution Info System: Not reported  
 Consolidated Emission Reporting Rule: Not reported  
 Total Organic Hydrocarbon Gases Tons/Yr: 3.7899  
 Reactive Organic Gases Tons/Yr: 3.75596751  
 Carbon Monoxide Emissions Tons/Yr: .0786  
 NOX - Oxides of Nitrogen Tons/Yr: .292  
 SOX - Oxides of Sulphur Tons/Yr: .00134  
 Particulate Matter Tons/Yr: .0168  
 Part. Matter 10 Micrometers and Smlr Tons/Yr:.0168

**H39  
 SW  
 1/8-1/4  
 0.247 mi.  
 1306 ft.**

**PACIFIC SKYLIGHTING INDUSTRIES  
 255 VOYAGER AVE  
 BRE, CA 92821  
 Site 2 of 7 in cluster H**

**UST U003713393  
 N/A**

**Relative:  
 Lower  
 Actual:  
 423 ft.**

UST:  
 Facility ID: 1325  
 Permitting Agency: ORANGE COUNTY  
 Latitude: 33.918387  
 Longitude: -117.853023

**H40  
 SW  
 1/8-1/4  
 0.247 mi.  
 1306 ft.**

**PACIFIC SKYLIGHT  
 255 VOYAGER AVE  
 BRE, CA 92621  
 Site 3 of 7 in cluster H**

**LUST S102434912  
 EMI N/A  
 HIST CORTESE**

**Relative:  
 Lower  
 Actual:  
 423 ft.**

LUST:  
 Region: STATE  
 Global Id: T0605900897  
 Latitude: 33.917033  
 Longitude: -117.854368  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 04/03/1991  
 Lead Agency: ORANGE COUNTY LOP  
 Case Worker: TE  
 Local Agency: ORANGE COUNTY LOP  
 RB Case Number: 083001137T  
 LOC Case Number: 90UT223  
 File Location: Local Agency  
 Potential Media Affect: Soil  
 Potential Contaminants of Concern: Gasoline

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC SKYLIGHT (Continued)**

**S102434912**

Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605900897  
Contact Type: Regional Board Caseworker  
Contact Name: PATRICIA HANNON  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: phannon@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605900897  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

Status History:

Global Id: T0605900897  
Status: Open - Case Begin Date  
Status Date: 09/07/1990

Global Id: T0605900897  
Status: Completed - Case Closed  
Status Date: 04/03/1991

Regulatory Activities:

Global Id: T0605900897  
Action Type: Other  
Date: 09/07/1990  
Action: Leak Reported

Global Id: T0605900897  
Action Type: REMEDIATION  
Date: 10/09/1990  
Action: Excavation

Global Id: T0605900897  
Action Type: Other  
Date: 09/07/1990  
Action: Leak Discovery

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 90UT223  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 04/03/1991  
Record ID: RO0002312

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC SKYLIGHT (Continued)**

**S102434912**

EMI:

Year: 2006  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1.718813049339491104  
Reactive Organic Gases Tons/Yr: 1.604  
Carbon Monoxide Emissions Tons/Yr: .105  
NOX - Oxides of Nitrogen Tons/Yr: .39  
SOX - Oxides of Sulphur Tons/Yr: .002  
Particulate Matter Tons/Yr: .055  
Part. Matter 10 Micrometers and Smlr Tons/Yr: .05372

Year: 2007  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1.718813049339491104  
Reactive Organic Gases Tons/Yr: 1.604  
Carbon Monoxide Emissions Tons/Yr: .105  
NOX - Oxides of Nitrogen Tons/Yr: .39  
SOX - Oxides of Sulphur Tons/Yr: .002  
Particulate Matter Tons/Yr: .055  
Part. Matter 10 Micrometers and Smlr Tons/Yr: .05372

Year: 2008  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC  
SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .7185002443134662218  
Reactive Organic Gases Tons/Yr: .677385  
Carbon Monoxide Emissions Tons/Yr: .03  
NOX - Oxides of Nitrogen Tons/Yr: .13  
SOX - Oxides of Sulphur Tons/Yr: .000633  
Particulate Matter Tons/Yr: .0379125  
Part. Matter 10 Micrometers and Smlr Tons/Yr: .0367125

Year: 2013  
County Code: 30  
Air Basin: SC  
Facility ID: 92863  
Air District Name: SC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC SKYLIGHT (Continued)**

**S102434912**

SIC Code: 3713  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1.6893321101  
Reactive Organic Gases Tons/Yr: 1.6583  
Carbon Monoxide Emissions Tons/Yr: 0.02338  
NOX - Oxides of Nitrogen Tons/Yr: 0.08684  
SOX - Oxides of Sulphur Tons/Yr: 0.0004  
Particulate Matter Tons/Yr: 0.00501  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.00501

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083001137T

**H41  
SW  
1/8-1/4  
0.247 mi.  
1306 ft.**

**HARBOR TRUCK BODIES INCORPORATED  
255 VOYAGER AVENUE  
BREA, CA 92821  
Site 4 of 7 in cluster H**

**RCRA-LQG 1000164289  
RAATS CAD059803734  
ICIS  
US AIRS  
FINDS  
ECHO**

**Relative:  
Lower**

**RCRA-LQG:**

**Actual:  
423 ft.**

Date form received by agency: 02/22/2016  
Facility name: HARBOR TRUCK BODIES, INC.  
Facility address: 255 VOYAGER AVE.  
BREA, CA 92821  
EPA ID: CAD059803734  
Mailing address: VOYAGER AVE.  
BREA, CA 92821  
Contact: JOHN HOUNG  
Contact address: VOYAGER AVE.  
BREA, CA 92821  
Contact country: US  
Contact telephone: (714) 996-0411  
Contact email: JHOUNG@HARBORTRUCK.COM  
EPA Region: 09  
Land type: Private  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: HARBOR TRUCK BODIES

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/1996  
Owner/Op end date: Not reported

Owner/operator name: HARBOR TRUCK BODIES  
Owner/operator address: VOYAGER AVE.  
BREA, CA 92821

Owner/operator country: US  
Owner/operator telephone: (714) 996-0411  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1996  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

. Waste code: 311  
. Waste name: 311

. Waste code: 331  
. Waste name: 331

. Waste code: 352  
. Waste name: 352

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: F003  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 03/01/2014

Site name: HARBOR TRUCK BODIES, INC.

Classification: Large Quantity Generator

. Waste code: 331

. Waste name: 331

. Waste code: 352

. Waste name: 352

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/07/2008

Site name: HARBOR TRUCK BODIES, INC.

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 07/01/1993

Site name: HARBOR TRUCK BODIES

Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.20-23.B

Area of violation: Generators - General

Date violation determined: 06/22/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Date achieved compliance: 06/22/1995  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/24/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 268.7  
Area of violation: LDR - General  
Date violation determined: 06/22/1990  
Date achieved compliance: 06/22/1995  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/24/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 06/22/1990  
Date achieved compliance: 06/22/1995  
Violation lead agency: EPA  
Enforcement action: INITIAL 3008(A) COMPLIANCE  
Enforcement action date: 08/24/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 06/22/1990  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: LDR - General  
Date achieved compliance: 06/22/1995  
Evaluation lead agency: EPA

Evaluation date: 06/22/1990  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Generators - General  
Date achieved compliance: 06/22/1995  
Evaluation lead agency: EPA

ICIS:  
Enforcement Action ID: CASCAA000006059CB29400015  
FRS ID: 110006176958  
Action Name: HARBOR TRUCK BODIES INC 06059CB29400015  
Facility Name: HARBOR TRUCK BODIES INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Facility Address: 255 VOYAGER AVE  
BREA, CA 92821  
Enforcement Action Type: Administrative Order  
Facility County: ORANGE  
Program System Acronym: AIR  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCAAAO  
Facility SIC Code: 3713  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.91668  
Longitude in Decimal Degrees: -117.85373  
Permit Type Desc: Not reported  
Program System Acronym: CASCA00006059CB294  
Facility NAICS Code: 336211  
Tribal Land Code: Not reported  
  
Enforcement Action ID: CASCAA000006059CB29400014  
FRS ID: 110006176958  
Action Name: HARBOR TRUCK BODIES INC 06059CB29400014  
Facility Name: HARBOR TRUCK BODIES INC  
Facility Address: 255 VOYAGER AVE  
BREA, CA 92821  
Enforcement Action Type: Notice of Violation  
Facility County: ORANGE  
Program System Acronym: AIR  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 3713  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.91668  
Longitude in Decimal Degrees: -117.85373  
Permit Type Desc: Not reported  
Program System Acronym: CASCA00006059CB294  
Facility NAICS Code: 336211  
Tribal Land Code: Not reported

**US AIRS MINOR:**

Envid: 1000164289  
Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
D and B Number: Not reported  
Primary SIC Code: 3713  
NAICS Code: 336211  
Default Air Classification Code: MIN  
Facility Type of Ownership Code: POF  
Air CMS Category Code: Not reported  
HPV Status: Not reported

**US AIRS MINOR:**

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Activity Date: Not reported  
Activity Status Date: 2004-10-27 00:00:00  
Activity Group: Case File  
Activity Type: Case File  
Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2002-09-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2002-10-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-02-26 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-09-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-11-20 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2004-02-26 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2004-02-27 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2005-01-31 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2005-07-20 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2005-11-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2006-02-16 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2006-08-31 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2007-06-19 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-05-01 00:00:00  
Activity Status Date: 2003-05-01 00:00:00  
Activity Group: Enforcement Action



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards  
Activity Date: 2003-04-02 00:00:00  
Activity Status Date: 2003-04-02 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Informal  
Activity Status: Achieved

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: Not reported  
Activity Status Date: 2004-10-27 00:00:00  
Activity Group: Case File  
Activity Type: Case File  
Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2001-05-09 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2002-09-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Activity Date: 2002-10-24 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2003-02-26 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2003-09-30 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2003-11-20 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2004-02-26 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2004-02-27 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2005-01-31 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2005-07-20 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2005-11-28 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2006-02-16 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2006-08-31 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2007-06-19 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2003-05-01 00:00:00  
Activity Status Date: 2003-05-01 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR CASCA00006059CB294  
Facility Registry ID: 110006176958  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: Title V Permits  
Activity Date: 2003-04-02 00:00:00  
Activity Status Date: 2003-04-02 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Informal  
Activity Status: Achieved

**FINDS:**

Registry ID: 110006176958

**Environmental Interest/Information System**

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HARBOR TRUCK BODIES INCORPORATED (Continued)**

**1000164289**

Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

**AIR EMISSIONS CLASSIFICATION UNKNOWN**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**HAZARDOUS WASTE BIENNIAL REPORTER**

**AIR MINOR**

**ECHO:**

Envid: 1000164289  
 Registry ID: 110006176958  
 DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110006176958](http://echo.epa.gov/detailed_facility_report?fid=110006176958)

**H42  
 SW  
 1/4-1/2  
 0.268 mi.  
 1414 ft.**

**ALLAN AUTOMATIC SPRINKLER  
 3233 ENTERPRISE  
 BREA, CA 92621**

**Site 5 of 7 in cluster H**

**LUST U002095883  
 SWEEPS UST N/A  
 CA FID UST  
 HIST CORTESE**

**Relative:  
 Lower**

**LUST REG 8:**

Region: 8  
 County: Orange  
 Regional Board: Santa Ana Region  
 Facility Status: Case Closed  
 Case Number: 083002813T  
 Local Case Num: 95UT036  
 Case Type: Soil only  
 Substance: Gasoline  
 Qty Leaked: 0  
 Abate Method: Not reported  
 Cross Street: Not reported  
 Enf Type: Not reported  
 Funding: Not reported  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Leak Cause: Unknown  
 Leak Source: Unknown

**Actual:  
 433 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLAN AUTOMATIC SPRINKLER (Continued)**

**U002095883**

Global ID:	T0605901937
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/20/1995
Enforcement Date:	Not reported
Close Date:	12/6/2001
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.917044
Longitude:	-117.8538802
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	NOM
Staff Initials:	AD
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

**SWEEPS UST:**

Status:	Active
Comp Number:	6294
Number:	9
Board Of Equalization:	44-016454
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLAN AUTOMATIC SPRINKLER (Continued)**

**U002095883**

CA FID UST:

Facility ID: 30005030  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7149939500  
Mail To: Not reported  
Mailing Address: 3233 ENTERPRISE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BREA 92621  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

HIST CORTESE:

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083002813T

**H43**  
**SW**  
**1/4-1/2**  
**0.268 mi.**  
**1414 ft.**

**ALLAN AUTOMATIC SPRINKLER**  
**3233 ENTERPRISE ST**  
**BREA, CA 92821**  
**Site 6 of 7 in cluster H**

**LUST** **U003783772**  
**UST** **N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**433 ft.**

Region: STATE  
Global Id: T0605901937  
Latitude: 33.917055  
Longitude: -117.853033  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 12/06/2001  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: TE  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083002813T  
LOC Case Number: 95UT036  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605901937  
Contact Type: Regional Board Caseworker  
Contact Name: NANCY OLSON-MARTIN  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLAN AUTOMATIC SPRINKLER (Continued)**

**U003783772**

City: RIVERSIDE  
Email: nolson-martin@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605901937  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

Status History:

Global Id: T0605901937  
Status: Open - Case Begin Date  
Status Date: 04/20/1995

Global Id: T0605901937  
Status: Completed - Case Closed  
Status Date: 12/06/2001

Regulatory Activities:

Global Id: T0605901937  
Action Type: Other  
Date: 04/20/1995  
Action: Leak Reported

Global Id: T0605901937  
Action Type: REMEDIATION  
Date: 01/31/2001  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901937  
Action Type: Other  
Date: 04/20/1995  
Action: Leak Discovery

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 95UT036  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 12/06/2001  
Record ID: RO0001863

UST:

Facility ID: 6294  
Permitting Agency: ORANGE COUNTY  
Latitude: 33.9184099  
Longitude: -117.851689

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**H44**  
**SW**  
**1/4-1/2**  
**0.277 mi.**  
**1464 ft.**

**BLAISDELL MFG**  
**3160 ENTERPRISE ST**  
**BREA, CA 92621**

**Orange Co. Industrial Site**

**SLIC** **S105015197**  
**N/A**

**Site 7 of 7 in cluster H**

**Relative:**  
**Lower**

**SLIC:**  
Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 03/17/1992  
Global Id: SLT8R1124105  
Lead Agency: ORANGE COUNTY LOP  
Lead Agency Case Number: Not reported  
Latitude: 33.917541  
Longitude: -117.853213  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: SLT8R112  
File Location: Not reported  
Potential Media Affected: Not reported  
Potential Contaminants of Concern: Not reported  
Site History: Not reported

**Actual:**  
**423 ft.**

[Click here to access the California GeoTracker records for this facility:](#)

Orange Co. Industrial Site:

Case ID: 91IC055  
Record ID: RO0000343  
Current Status: CLOSED 3/17/1992  
Closure Type: Closed pre 1994, file review required to determine closure type  
Released Chemical: SOLVENTS- HALOGENATED

**45**  
**SW**  
**1/4-1/2**  
**0.284 mi.**  
**1499 ft.**

**SECURITY PACIFIC BANK**  
**275 VALENCIA AVE**  
**BREA, CA 92621**

**HIST CORTESE** **LUST** **S102436660**  
**N/A**

**Relative:**  
**Lower**

**LUST:**  
Region: STATE  
Global Id: T0605901871  
Latitude: 33.9131659  
Longitude: -117.9042918  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 09/06/1995  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: TE  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083002697T  
LOC Case Number: 95UT040  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

**Actual:**  
**424 ft.**

[Click here to access the California GeoTracker records for this facility:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SECURITY PACIFIC BANK (Continued)**

**S102436660**

Contact:

Global Id: T0605901871  
Contact Type: Regional Board Caseworker  
Contact Name: NANCY OLSON-MARTIN  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: nolson-martin@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605901871  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

Status History:

Global Id: T0605901871  
Status: Open - Case Begin Date  
Status Date: 02/27/1995

Global Id: T0605901871  
Status: Completed - Case Closed  
Status Date: 09/06/1995

Regulatory Activities:

Global Id: T0605901871  
Action Type: Other  
Date: 02/27/1995  
Action: Leak Reported

Global Id: T0605901871  
Action Type: Other  
Date: 02/27/1995  
Action: Leak Discovery

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 95UT040  
Released Substance: Waste oil/Used oil  
Date Closed: 09/06/1995  
Record ID: RO0001963

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083002697T  
Local Case Num: 95UT040  
Case Type: Soil only

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SECURITY PACIFIC BANK (Continued)**

**S102436660**

Substance:	Waste Oil
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901871
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	2/27/1995
Enforcement Date:	Not reported
Close Date:	9/6/1995
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.9131659
Longitude:	-117.9042918
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	NOM
Staff Initials:	AD
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

**HIST CORTESE:**

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083002697T

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**46**  
**South**  
**1/4-1/2**  
**0.315 mi.**  
**1661 ft.**

**PENMAR GOLF COURSE**  
**1233 ROSE AVENUE**  
**VENICE (IN LOS ANGELES), CA**

**SWF/LF**    **S109821473**  
**N/A**

**Relative:**  
**Lower**

SWF/LF (SWIS):

**Actual:**  
**415 ft.**

Region: STATE  
Facility ID: 19-AR-5316  
Lat/Long: 34 / -118.46111  
Owner Name: Not reported  
Owner Telephone: Not reported  
Owner Address: Not reported  
Owner Address2: Not reported  
Owner City,St,Zip: Not reported  
Operational Status: Not reported  
Operator: Not reported  
Operator Phone: Not reported  
Operator Address: Not reported  
Operator Address2: Not reported  
Operator City,St,Zip: Not reported  
Permit Date: Not reported  
Permit Status: Not reported  
Permitted Acreage: Not reported  
Activity: Not reported  
Regulation Status: Not reported  
Landuse Name: Residential,Recreational,Golf Course  
GIS Source: Map  
Category: Not reported  
Unit Number: Not reported  
Inspection Frequency: Not reported  
Accepted Waste: Not reported  
Closure Date: Not reported  
Closure Type: Not reported  
Disposal Acreage: Not reported  
SWIS Num: 19-AR-5316  
Waste Discharge Requirement Num: Not reported  
Program Type: Not reported  
Permitted Throughput with Units: Not reported  
Actual Throughput with Units: Not reported  
Permitted Capacity with Units: Not reported  
Remaining Capacity: Not reported  
Remaining Capacity with Units: Not reported  
Lat/Long: 34 / -118.46111

**47**  
**WSW**  
**1/4-1/2**  
**0.338 mi.**  
**1783 ft.**

**CYANAMID DISTRIBUTION CTR BREA**  
**2980 ENTERPRISE ST**  
**BREA, CA 92821**

**SEMS-ARCHIVE**    **1000307244**  
**RCRA NonGen / NLR**    **CAD000629758**  
**FINDS**  
**ECHO**

**Relative:**  
**Lower**

SEMS-ARCHIVE:

**Actual:**  
**417 ft.**

Site ID: 900940  
EPA ID: CAD000629758  
Federal Facility: N  
NPL: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**Following information was gathered from the prior CERCLIS update completed in 10/2013:**  
Site ID: 0900940



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CYANAMID DISTRIBUTION CTR BREA (Continued)**

**1000307244**

Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13286542.00000  
Person ID: 13003854.00000

Contact Sequence ID: 13292137.00000  
Person ID: 13003858.00000

Contact Sequence ID: 13297995.00000  
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY  
Date Started: / /  
Date Completed: 08/01/80  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: 03/01/85  
Date Completed: 12/01/87  
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE  
Date Started: / /  
Date Completed: 12/01/87  
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 12/01/87  
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA NonGen / NLR:

Date form received by agency: 08/18/1980  
Facility name: CYANAMID DISTRIBUTION CTR BREA  
Facility address: 2980 ENTERPRISE ST  
BREA, CA 92821  
EPA ID: CAD000629758  
Mailing address: PO BOX579 BREA  
BREA, CA 92621  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 2980 ENTERPRISE ST  
BREA, CA 92621  
Contact country: US  
Contact telephone: (714) 993-6630  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CYANAMID DISTRIBUTION CTR BREA (Continued)**

**1000307244**

Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110006466617

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ECHO:

Envid: 1000307244  
Registry ID: 110006466617  
DFR URL: [http://echo.epa.gov/detailed\\_facility\\_report?fid=110006466617](http://echo.epa.gov/detailed_facility_report?fid=110006466617)

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**I48**  
**SSW**  
**1/4-1/2**  
**0.354 mi.**  
**1867 ft.**

**LA FLORESTA**  
**376 S VALENCIA AVE**  
**BREA, CA 92821**

**RCRA-LQG** **1000166994**  
**LUST** **CAT080010903**

**Site 1 of 2 in cluster I**

**Relative:**  
**Lower**

RCRA-LQG:

**Actual:**  
**395 ft.**

Date form received by agency: 05/20/2009  
Facility name: LA FLORESTA  
Facility address: 376 S VALENCIA AVE  
BREA, CA 92821  
EPA ID: CAT080010903  
Mailing address: 145 S ST COLLEGE BLVD  
BREA, CA 92821  
Contact: JAMES MARTINEZ  
Contact address: 145 S ST COLLEGE BLVD  
BREA, CA 92821  
Contact country: US  
Contact telephone: 714-671-3534  
Contact email: JAMARTIN@CHEVRON.COM  
EPA Region: 09  
Land type: Private  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: LA FLORESTA LLC  
Owner/operator address: 145 S ST COLLEGE BLVD 4TH FL  
BREA, CA 92821  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 07/21/2003  
Owner/Op end date: Not reported

Owner/operator name: LA FLORESTA LLC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 07/21/2003  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LA FLORESTA (Continued)

1000166994

NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

. Waste code: K169  
. Waste name: CRUDE OIL STORAGE TANK SEDIMENT FROM PETROLEUM REFINING OPERATIONS

Historical Generators:

Date form received by agency: 03/04/1999  
Site name: HARTLEY CENTER/UNOCAL CORP.  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: UNOCAL SCIENCE & TECHNOLOGY  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: UNOCAL SCIENCE & TECHNOLOGY  
Classification: Small Quantity Generator

Date form received by agency: 03/19/1996  
Site name: UNOCAL HARTLEY CENTER  
Classification: Large Quantity Generator

Date form received by agency: 03/28/1994  
Site name: UNOCAL FRED L HARTLEY RESEARCH CTR  
Classification: Large Quantity Generator

Date form received by agency: 03/18/1992  
Site name: UNOCAL SCIENCE AND TECHNOLOGY DIVISION  
Classification: Large Quantity Generator

Date form received by agency: 03/20/1990  
Site name: UNOCAL SCIENCE & TECHNOLOGY DIV.  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LA FLORESTA (Continued)**

**1000166994**

Date form received by agency: 08/18/1980  
Site name: UNOCAL SCIENCE & TECHNOLOGY  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: F - 262.50-60  
Area of violation: Generators - General  
Date violation determined: 02/06/1990  
Date achieved compliance: 04/18/1990  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 03/20/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/25/2005  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 07/14/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/06/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 04/18/1990  
Evaluation lead agency: State

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Preliminary site assessment workplan submitted  
Case Number: 083002180T  
Local Case Num: 92UT134  
Case Type: Soil only  
Substance: Diesel  
Qty Leaked: Not reported  
Abate Method: Not reported  
Cross Street: IMPERIAL HWY  
Enf Type: Not reported  
Funding: Not reported  
How Discovered: Not reported  
How Stopped: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
Global ID: T0605901608

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LA FLORESTA (Continued)**

**1000166994**

How Stopped Date:	Not reported
Enter Date:	1/6/1993
Date Confirmation of Leak Began:	6/4/1992
Date Preliminary Assessment Began:	Not reported
Discover Date:	6/4/1992
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	1/1/1965
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	1/6/1993
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.9088042
Longitude:	-117.852746
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	NOM
Staff Initials:	Not reported
Lead Agency:	Local Agency
Local Agency:	30000
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

**I49**  
**SSW**  
**1/4-1/2**  
**0.354 mi.**  
**1867 ft.**

**UNOCAL SCIENCE AND TECHNOLOGY**  
**376 S VALENCIA AVE**  
**BREA, CA 92621**  
**Site 2 of 2 in cluster I**

**SLIC** **S101609631**  
**SWEEPS UST** **N/A**  
**HIST UST**  
**CA FID UST**  
**Orange Co. Industrial Site**  
**EMI**  
**HIST CORTESE**

**Relative:**  
**Lower**

**Actual:**  
**395 ft.**

SLIC:  
 Region: STATE  
 Facility Status: **Completed - Case Closed**  
 Status Date: 11/08/1996  
 Global Id: T0605901608  
 Lead Agency: ORANGE COUNTY  
 Lead Agency Case Number: 96IC008  
 Latitude: 33.912747  
 Longitude: -117.848934  
 Case Type: Cleanup Program Site  
 Case Worker: LL



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL SCIENCE AND TECHNOLOGY (Continued)**

**S101609631**

Local Agency: ORANGE COUNTY  
RB Case Number: 083002180T  
File Location: Local Agency  
Potential Media Affected: Soil  
Potential Contaminants of Concern: Diesel  
Site History: industrial cleanup from a AST diesel 96ic008

[Click here to access the California GeoTracker records for this facility:](#)

**SWEEPS UST:**

Status: Not reported  
Comp Number: 2754  
Number: Not reported  
Board Of Equalization: 44-015973  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 30-000-002754-000008  
Tank Status: Not reported  
Capacity: 2000  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: 3

Status: Not reported  
Comp Number: 2754  
Number: Not reported  
Board Of Equalization: 44-015973  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 30-000-002754-000009  
Tank Status: Not reported  
Capacity: 2000  
Active Date: Not reported  
Tank Use: UNKNOWN  
STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 2754  
Number: Not reported  
Board Of Equalization: 44-015973  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 30-000-002754-000010  
Tank Status: Not reported  
Capacity: 2000  
Active Date: Not reported  
Tank Use: UNKNOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL SCIENCE AND TECHNOLOGY (Continued)**

**S101609631**

STG: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported  
  
Status: Active  
Comp Number: 2754  
Number: 9  
Board Of Equalization: 44-015973  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 30-000-002754-000007  
Tank Status: A  
Capacity: 5000  
Active Date: Not reported  
Tank Use: PETROLEUM  
STG: P  
Content: Not reported  
Number Of Tanks: 1

**HIST UST:**

File Number: 0002D6FC  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D6FC.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported

Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL SCIENCE AND TECHNOLOGY (Continued)**

**S101609631**

Facility ID: 30001350  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145287201  
Mail To: Not reported  
Mailing Address: P O BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BREA 92621  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

Orange Co. Industrial Site:

Case ID: 02IC020  
Record ID: RO0003110  
Current Status: CLOSED 3/21/2012  
Closure Type: Closure certification issued  
Released Chemical: FUEL WASTE

Case ID: 90IC006  
Record ID: RO0000289  
Current Status: CLOSED 6/4/1990  
Closure Type: Closed pre 1994, file review required to determine closure type  
Released Chemical: FUEL WASTE

Case ID: 96IC008  
Record ID: RO0000575  
Current Status: CLOSED 11/8/1996  
Closure Type: Closure certification issued  
Released Chemical: FUEL WASTE

EMI:

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 21  
Reactive Organic Gases Tons/Yr: 20  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL SCIENCE AND TECHNOLOGY (Continued)**

**S101609631**

County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 42  
Reactive Organic Gases Tons/Yr: 10  
Carbon Monoxide Emissions Tons/Yr: 79  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1996  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 58  
Reactive Organic Gases Tons/Yr: 8  
Carbon Monoxide Emissions Tons/Yr: 6  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 4  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3

Year: 1997  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 69  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 10  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 3  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3

Year: 1998  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL SCIENCE AND TECHNOLOGY (Continued)**

**S101609631**

Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 85  
Reactive Organic Gases Tons/Yr: 8  
Carbon Monoxide Emissions Tons/Yr: 10  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 3  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3

Year: 1999  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 69  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 10  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 3  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3

Year: 2000  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 69  
Reactive Organic Gases Tons/Yr: 7  
Carbon Monoxide Emissions Tons/Yr: 10  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 3  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3

Year: 2001  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL SCIENCE AND TECHNOLOGY (Continued)**

**S101609631**

SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2002  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2004  
County Code: 30  
Air Basin: SC  
Facility ID: 800258  
Air District Name: SC  
SIC Code: 8731  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.11811  
Reactive Organic Gases Tons/Yr: 0.05  
Carbon Monoxide Emissions Tons/Yr: 0.6618  
NOX - Oxides of Nitrogen Tons/Yr: 0.49016  
SOX - Oxides of Sulphur Tons/Yr: 0.007323  
Particulate Matter Tons/Yr: 0.070448  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.06

HIST CORTESE:

Region: CORTESE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL SCIENCE AND TECHNOLOGY (Continued)**

**S101609631**

Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083002180T

**J50** **TOSCO - 76 # 6121**  
**SSW** **525 VALENCIA AVE**  
**1/4-1/2** **BREA, CA 92621**  
**0.422 mi.**  
**2230 ft.** **Site 1 of 3 in cluster J**

**LUST** **S103663609**  
**CHMIRS** **N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**402 ft.**

Region: STATE  
Global Id: T0605901409  
Latitude: 33.9073732  
Longitude: -117.854506  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 07/17/1992  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: TE  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001888T  
LOC Case Number: 91UT083  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: T0605901409  
Contact Type: Regional Board Caseworker  
Contact Name: NANCY OLSON-MARTIN  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: nolson-martin@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605901409  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

**Status History:**

Global Id: T0605901409  
Status: Open - Case Begin Date  
Status Date: 07/01/1991

Global Id: T0605901409  
Status: Completed - Case Closed  
Status Date: 07/17/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 # 6121 (Continued)**

**S103663609**

Regulatory Activities:

Global Id: T0605901409  
Action Type: Other  
Date: 07/01/1991  
Action: Leak Reported

Global Id: T0605901409  
Action Type: Other  
Date: 07/01/1991  
Action: Leak Discovery

Region: STATE  
Global Id: T0605902182  
Latitude: 33.9073732  
Longitude: -117.854506  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 04/28/2000  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: TE  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083003217T  
LOC Case Number: 98UT046  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605902182  
Contact Type: Regional Board Caseworker  
Contact Name: NANCY OLSON-MARTIN  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: nolson-martin@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605902182  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

Status History:

Global Id: T0605902182  
Status: Open - Case Begin Date  
Status Date: 07/09/1998

Global Id: T0605902182  
Status: Completed - Case Closed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 # 6121 (Continued)**

**S103663609**

Status Date: 04/28/2000

Regulatory Activities:

Global Id: T0605902182  
Action Type: Other  
Date: 07/09/1998  
Action: Leak Reported

Global Id: T0605902182  
Action Type: Other  
Date: 07/09/1998  
Action: Leak Discovery

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 98UT046  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 04/28/2000  
Record ID: RO0002191

Region: ORANGE  
Facility Id: 91UT083  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 07/17/1992  
Record ID: RO0002880

CHMIRS:

OES Incident Number: 8-3068  
OES notification: 07/06/1998  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 # 6121 (Continued)**

**S103663609**

Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1998
Agency:	Tosco Marketing Company
Incident Date:	7/6/1998 12:00:00 AM
Admin Agency:	Brea Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Service Station
E Date:	Not reported
Substance:	gasoline
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	detected soil contamination thru testing of soil at a gasoline service station
OES Incident Number:	15409
OES notification:	Not reported
OES Date:	9/4/1996
OES Time:	10:25:39 AM
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 # 6121 (Continued)**

**S103663609**

Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	YES
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	unocal
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	unocal
Incident Date:	0900 04Sep96
Admin Agency:	Not reported
Amount:	unk
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	hydraulic oil
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	NO
Number of Injuries:	NO
Number of Fatalities:	NO
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	employees found soil contaminated with hydraulic oil due to underground leak from hoist.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**J51**      **TOSCO - 76 STATION #6121**  
**SSW**      **525 VALENCIA**  
**1/4-1/2**    **BREA, CA 92621**  
**0.422 mi.**  
**2230 ft.**    **Site 2 of 3 in cluster J**

**LUST**    **S101307733**  
**HIST CORTESE**    **N/A**

**Relative:**  
**Lower**

LUST REG 8:

**Actual:**  
**402 ft.**

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001888T
Local Case Num:	91UT083
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901409
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/1/1991
Enforcement Date:	Not reported
Close Date:	7/17/1992
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.9073732
Longitude:	-117.854506
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	NOM
Staff Initials:	AD
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 STATION #6121 (Continued)**

**S101307733**

Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083003217T
Local Case Num:	98UT046
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605902182
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/9/1998
Enforcement Date:	Not reported
Close Date:	4/28/2000
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.9073732
Longitude:	-117.854506
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	NOM
Staff Initials:	AD
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 STATION #6121 (Continued)**

**S101307733**

Priority: Not reported  
Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Summary: Not reported

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000697T

**52**  
**SW**  
**1/4-1/2**  
**0.427 mi.**  
**2252 ft.**

**AMERICAN SUZUKI MOTOR CORP**  
**3251 E IMPERIAL HWY**  
**BREA, CA 92821**

**LUST** **U003713860**  
**UST** **N/A**  
**SWEEPS UST**  
**EMI**  
**NPDES**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**402 ft.**

Region: STATE  
Global Id: T0605901666  
Latitude: 33.9101462  
Longitude: -117.852615  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 03/08/1994  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: TE  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083002284T  
LOC Case Number: 93UT053  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: T0605901666  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

Global Id: T0605901666  
Contact Type: Regional Board Caseworker  
Contact Name: VALERIE JAHN-BULL  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: vjahn-bull@waterboards.ca.gov  
Phone Number: 9517824903

Status History:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN SUZUKI MOTOR CORP (Continued)**

**U003713860**

Global Id: T0605901666  
Status: Open - Case Begin Date  
Status Date: 05/28/1993

Global Id: T0605901666  
Status: Completed - Case Closed  
Status Date: 03/08/1994

Regulatory Activities:

Global Id: T0605901666  
Action Type: Other  
Date: 05/28/1993  
Action: Leak Reported

Global Id: T0605901666  
Action Type: ENFORCEMENT  
Date: 03/08/1994  
Action: Closure/No Further Action Letter

Global Id: T0605901666  
Action Type: Other  
Date: 05/28/1993  
Action: Leak Discovery

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 93UT053  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 03/08/1994  
Record ID: RO0002261

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083002284T  
Local Case Num: 93UT053  
Case Type: Soil only  
Substance: Gasoline  
Qty Leaked: 0  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: Not reported  
Funding: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605901666  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Date Confirmation of Leak Began: Not reported  
Date Preliminary Assessment Began: Not reported  
Discover Date: 5/28/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN SUZUKI MOTOR CORP (Continued)**

**U003713860**

Enforcement Date:	Not reported
Close Date:	3/8/1994
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.9101462
Longitude:	-117.852615
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	AD
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

UST:

Facility ID:	4067
Permitting Agency:	ORANGE COUNTY
Latitude:	33.9128996
Longitude:	-117.8515074

SWEEPS UST:

Status:	Active
Comp Number:	4067
Number:	9
Board Of Equalization:	44-016112
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-004067-000001
Tank Status:	A
Capacity:	4000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN SUZUKI MOTOR CORP (Continued)**

**U003713860**

Number Of Tanks: 2  
  
Status: Active  
Comp Number: 4067  
Number: 9  
Board Of Equalization: 44-016112  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 30-000-004067-000002  
Tank Status: A  
Capacity: 6000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

EMI:

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 9241  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 9241  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

NPDES:

Npdes Number: CAS000002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN SUZUKI MOTOR CORP (Continued)**

**U003713860**

Facility Status:	Terminated
Agency Id:	0
Region:	8
Regulatory Measure Id:	454813
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30C372846
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/07/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	09/21/2015
Discharge Name:	Suzuki Motor of America
Discharge Address:	3251 East Imperial Hwy
Discharge City:	Brea
Discharge State:	California
Discharge Zip:	92821
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN SUZUKI MOTOR CORP (Continued)**

**U003713860**

CONSTYPE INDUSTRIAL IND: Not reported  
CONSTYPE OTHER DESCRIPTION: Not reported  
CONSTYPE OTHER IND: Not reported  
CONSTYPE RECONS IND: Not reported  
CONSTYPE RESIDENTIAL IND: Not reported  
CONSTYPE TRANSPORT IND: Not reported  
CONSTYPE UTILITY DESCRIPTION: Not reported  
CONSTYPE UTILITY IND: Not reported  
CONSTYPE WATER SEWER IND: Not reported  
DIR DISCHARGE USWATER IND: Not reported  
RECEIVING WATER NAME: Not reported  
CERTIFIER NAME: Not reported  
CERTIFIER TITLE: Not reported  
CERTIFICATION DATE: Not reported  
PRIMARY SIC: Not reported  
SECONDARY SIC: Not reported  
TERTIARY SIC: Not reported

**J53**  
**SSW**  
**1/4-1/2**  
**0.447 mi.**  
**2358 ft.**

**UNOCAL #6121**  
**525**  
**BREA, CA 92621**

**HIST CORTESE** **S104748970**  
**N/A**

**Site 3 of 3 in cluster J**

**Relative:**  
**Lower**

**HIST CORTESE:**  
Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083001888T

**Actual:**  
**402 ft.**

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000725T

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083003217T

**54**  
**South**  
**1/4-1/2**  
**0.464 mi.**  
**2450 ft.**

**ARCO #6110**  
**1201 IMPERIAL**  
**PLACENTIA, CA 92870**

**LUST** **S102424305**  
**N/A**

**Relative:**  
**Lower**

**LUST:**  
Region: STATE  
Global Id: T0605901674  
Latitude: 33.9044233  
Longitude: -117.8420766  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 06/22/2007  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: TE

**Actual:**  
**401 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #6110 (Continued)**

**S102424305**

Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083002300T  
LOC Case Number: 93UT041  
File Location: Local Agency Warehouse  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901674  
Contact Type: Local Agency Caseworker  
Contact Name: TAMARA ESCOBEDO  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 EAST DYER ROAD SUITE 120  
City: SANTA ANA  
Email: tescobedo@ochca.com  
Phone Number: 7144336251

Global Id: T0605901674  
Contact Type: Regional Board Caseworker  
Contact Name: VALERIE JAHN-BULL  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: vjahn-bull@waterboards.ca.gov  
Phone Number: 9517824903

**Status History:**

Global Id: T0605901674  
Status: Open - Case Begin Date  
Status Date: 11/25/1992

Global Id: T0605901674  
Status: Open - Site Assessment  
Status Date: 03/04/2003

Global Id: T0605901674  
Status: Open - Verification Monitoring  
Status Date: 01/21/2005

Global Id: T0605901674  
Status: Completed - Case Closed  
Status Date: 06/22/2007

**Regulatory Activities:**

Global Id: T0605901674  
Action Type: Other  
Date: 05/10/1993  
Action: Leak Reported

Global Id: T0605901674  
Action Type: REMEDIATION  
Date: 11/18/1993  
Action: Soil Vapor Extraction (SVE)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCO #6110 (Continued)**

**S102424305**

Global Id:	T0605901674
Action Type:	REMEDIATION
Date:	05/10/2006
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0605901674
Action Type:	RESPONSE
Date:	11/14/2003
Action:	Soil and Water Investigation Report
Global Id:	T0605901674
Action Type:	RESPONSE
Date:	09/01/2003
Action:	Other Workplan
Global Id:	T0605901674
Action Type:	RESPONSE
Date:	04/20/2004
Action:	Soil and Water Investigation Workplan
Global Id:	T0605901674
Action Type:	RESPONSE
Date:	10/15/2004
Action:	Other Workplan
Global Id:	T0605901674
Action Type:	RESPONSE
Date:	07/29/2005
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0605901674
Action Type:	RESPONSE
Date:	06/26/2006
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0605901674
Action Type:	RESPONSE
Date:	04/07/2003
Action:	Soil and Water Investigation Workplan
Global Id:	T0605901674
Action Type:	RESPONSE
Date:	02/10/2005
Action:	Soil and Water Investigation Report
Global Id:	T0605901674
Action Type:	ENFORCEMENT
Date:	10/19/2004
Action:	Staff Letter
Global Id:	T0605901674
Action Type:	ENFORCEMENT
Date:	06/24/2005
Action:	Staff Letter
Global Id:	T0605901674
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARCO #6110 (Continued)

S102424305

Date: 08/23/2006  
Action: Staff Letter

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 09/27/2004  
Action: Staff Letter - #1

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 04/24/2007  
Action: \* NEL - #2

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 09/27/2004  
Action: Staff Letter - #2

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 03/16/2004  
Action: Staff Letter

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 04/24/2007  
Action: \* NEL - #1

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 08/01/2003  
Action: Staff Letter

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 04/07/2006  
Action: Staff Letter - #2

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 03/04/2003  
Action: Staff Letter

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 04/07/2006  
Action: Staff Letter - #1

Global Id: T0605901674  
Action Type: ENFORCEMENT  
Date: 06/22/2007  
Action: Closure/No Further Action Letter

Global Id: T0605901674  
Action Type: Other  
Date: 11/25/1992  
Action: Leak Discovery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARCO #6110 (Continued)

S102424305

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 93UT041  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 06/22/2007  
Record ID: RO0001946

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Pollution Characterization  
Case Number: 083002300T  
Local Case Num: 93UT041  
Case Type: Other ground water affected  
Substance: Gasoline  
Qty Leaked: 0  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: SEL  
Funding: Not reported  
How Discovered: Tank Closure  
How Stopped: New Tank  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605901674  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Date Confirmation of Leak Began: Not reported  
Date Preliminary Assessment Began: Not reported  
Discover Date: 11/25/1992  
Enforcement Date: Not reported  
Close Date: Not reported  
Date Prelim Assessment Workplan Submitted: Not reported  
Date Pollution Characterization Began: 3/4/2003  
Date Remediation Plan Submitted: Not reported  
Date Remedial Action Underway: Not reported  
Date Post Remedial Action Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: =  
Soil Qualifies: =  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.9044233  
Longitude: -117.8420766  
MTBE Date: 12/6/2001  
Max MTBE GW: 50  
MTBE Concentration: 0  
Max MTBE Soil: 510  
MTBE Fuel: 1  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: VJJ  
Staff Initials: SK

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ARCO #6110 (Continued)**

**S102424305**

Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	GWR
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

**K55**  
**North**  
**1/4-1/2**  
**0.488 mi.**  
**2574 ft.**

**GSF ENERGY LLC**  
**1942 VALENCIA AVE**  
**BREA, CA 92821**  
**Site 1 of 2 in cluster K**

**SWF/LF** 1000111972  
**AST** CAD981395742  
**SWEEPS UST**  
**CA FID UST**  
**RCRA NonGen / NLR**  
**EMI**  
**Financial Assurance**  
**WDS**

**Relative:**  
**Higher**

**Actual:**  
**730 ft.**

SWF/LF (SWIS):

Region:	STATE
Facility ID:	30-AB-0035
Lat/Long:	33.934 / -117.841
Owner Name:	OC Waste and Recycling
Owner Telephone:	7148344000
Owner Address:	Not reported
Owner Address2:	300 N Flower Street, Suite 400
Owner City,St,Zip:	Santa Ana, CA 92703
Operational Status:	Active
Operator:	OC Waste and Recycling
Operator Phone:	7148344000
Operator Address:	Not reported
Operator Address2:	300 N Flower Street, Suite 400
Operator City,St,Zip:	Santa Ana, CA 92703
Permit Date:	06/08/2015
Permit Status:	Permitted
Permitted Acreage:	\$565.00
Activity:	Solid Waste Landfill
Regulation Status:	Permitted
Landuse Name:	Open Space - Irrigated,Industrial
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Monthly
Accepted Waste:	Agricultural,Construction/demolition,Industrial,Mixed municipal,Tires,Wood waste
Closure Date:	12/31/2021
Closure Type:	Estimated
Disposal Acreage:	\$420.00
SWIS Num:	30-AB-0035
Waste Discharge Requirement Num:	III
Program Type:	BOE Reporting Disposal Facility,Composite_Lined_LF_Cell(s),Financial Assurance Responsibilities,PaleoDS,Remaining Capacity Landfill
Permitted Throughput with Units:	8000
Actual Throughput with Units:	Tons/day
Permitted Capacity with Units:	148800000
Remaining Capacity:	36589707
Remaining Capacity with Units:	Cubic Yards
Lat/Long:	33.934 / -117.841



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GSF ENERGY LLC (Continued)**

**1000111972**

AST:

Certified Unified Program Agencies: Not reported  
Owner: Brea Parent 2007, LLC  
Total Gallons: Not reported  
CERSID: 10409398  
Facility ID: Not reported  
Business Name: Brea Generation LLC  
Phone: 714-985-1781  
Fax: 714-985-1783  
Mailing Address: 1942 Valencia Ave  
Mailing Address City: Brea  
Mailing Address State: CA  
Mailing Address Zip Code: 92823  
Operator Name: Brea Generation LLC  
Operator Phone: 714-984-5222  
Owner Phone: 201-447-9000  
Owner Mail Address: 40 Shun Pike  
Owner State: RI  
Owner Zip Code: 2919  
Owner Country: United States  
Property Owner Name: Not reported  
Property Owner Phone: Not reported  
Property Owner Mailing Address: Not reported  
Property Owner City: Not reported  
Property Owner Stat : Not reported  
Property Owner Zip Code: Not reported  
Property Owner Country: Not reported  
EPAID: CAL000145796

SWEEPS UST:

Status: Active  
Comp Number: 4085  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: Not reported  
Tank Status: Not reported  
Capacity: Not reported  
Active Date: Not reported  
Tank Use: Not reported  
STG: Not reported  
Content: Not reported  
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 30006062  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7149611555  
Mail To: Not reported  
Mailing Address: 1215 W IMPERIAL HIGHWAY -

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GSF ENERGY LLC (Continued)**

1000111972

Mailing Address 2: Not reported  
Mailing City,St,Zip: BREA 92621  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

RCRA NonGen / NLR:

Date form received by agency: 11/21/2008  
Facility name: GSF ENERGY LLC  
Facility address: 1942 VALENCIA AVE  
BREA, CA 92821  
EPA ID: CAD981395742  
Mailing address: 680 ANDERSEN DR  
FOSTER PLAZA 10 5TH FL  
PITTSBURGH, PA 15220  
Contact: RENEE A VOYT  
Contact address: 680 ANDERSEN DR FOSTER PLAZA 10 5TH FL  
PITTSBURGH, PA 15220  
Contact country: US  
Contact telephone: 830-899-5867  
Contact email: Not reported  
EPA Region: 09  
Land type: County  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: COUNTY OF ORANGE CALIFORNIA  
Owner/operator address: 320 N FLOWER ST STE 400  
SANTA ANA, CA 92703  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 834-4050  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GSF ENERGY LLC (Continued)**

**1000111972**

Used oil transporter: No

Historical Generators:

Date form received by agency: 10/12/2000  
Site name: GSF ENERGY, LLC.  
Classification: Large Quantity Generator

Date form received by agency: 02/09/1998  
Site name: GSF ENERGY LLC  
Classification: Small Quantity Generator

Date form received by agency: 04/16/1997  
Site name: GSF ENERGY LLC  
Classification: Small Quantity Generator

Date form received by agency: 04/16/1997  
Site name: GSF ENERGY LLC  
Classification: Small Quantity Generator

Date form received by agency: 09/01/1996  
Site name: GSF ENERGY LLC  
Classification: Large Quantity Generator

Date form received by agency: 04/04/1996  
Site name: GSF ENERGY INC. OLINDA LFG RECOVERY  
Classification: Large Quantity Generator

Date form received by agency: 03/28/1994  
Site name: GSF ENERGY INC.  
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/08/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

EMI:

Year: 2002  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 4953  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 7  
NOX - Oxides of Nitrogen Tons/Yr: 25  
SOX - Oxides of Sulphur Tons/Yr: 6  
Particulate Matter Tons/Yr: 10  
Part. Matter 10 Micrometers and Smllr Tons/Yr: 10

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GSF ENERGY LLC (Continued)**

1000111972

Year: 2003  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 4953  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 7  
NOX - Oxides of Nitrogen Tons/Yr: 25  
SOX - Oxides of Sulphur Tons/Yr: 6  
Particulate Matter Tons/Yr: 10  
Part. Matter 10 Micrometers and Smlr Tons/Yr:10

Year: 2004  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 4953  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.5571  
Reactive Organic Gases Tons/Yr: 1.28  
Carbon Monoxide Emissions Tons/Yr: 7.11154  
NOX - Oxides of Nitrogen Tons/Yr: 25.19542  
SOX - Oxides of Sulphur Tons/Yr: 5.903934  
Particulate Matter Tons/Yr: 10.113741  
Part. Matter 10 Micrometers and Smlr Tons/Yr:10.11

Year: 2005  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 4953  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1.966785  
Reactive Organic Gases Tons/Yr: 1.0261172085  
Carbon Monoxide Emissions Tons/Yr: 18.57336  
NOX - Oxides of Nitrogen Tons/Yr: 37.4886  
SOX - Oxides of Sulphur Tons/Yr: 9.82984  
Particulate Matter Tons/Yr: 7.15445  
Part. Matter 10 Micrometers and Smlr Tons/Yr:7.15369961

Year: 2006  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 4953

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GSF ENERGY LLC (Continued)**

1000111972

Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 12.27828669308601622  
Reactive Organic Gases Tons/Yr: 5.921  
Carbon Monoxide Emissions Tons/Yr: 72.597  
NOX - Oxides of Nitrogen Tons/Yr: 50.177  
SOX - Oxides of Sulphur Tons/Yr: 13.185  
Particulate Matter Tons/Yr: 16.13  
Part. Matter 10 Micrometers and Smlr Tons/Yr:16.13

Year: 2007  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 4953  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 12.26525714338056060  
Reactive Organic Gases Tons/Yr: 5.921  
Carbon Monoxide Emissions Tons/Yr: 72.597  
NOX - Oxides of Nitrogen Tons/Yr: 50.177  
SOX - Oxides of Sulphur Tons/Yr: 13.185  
Particulate Matter Tons/Yr: 16.13  
Part. Matter 10 Micrometers and Smlr Tons/Yr:16.13

Year: 2008  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 9511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 10.02050375844235935  
Reactive Organic Gases Tons/Yr: 4.83203591  
Carbon Monoxide Emissions Tons/Yr: 24.383923  
NOX - Oxides of Nitrogen Tons/Yr: 30.656375  
SOX - Oxides of Sulphur Tons/Yr: 7.58438925  
Particulate Matter Tons/Yr: 3.654979  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3.6549765625

Year: 2012  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 9511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 5.355117831  
Reactive Organic Gases Tons/Yr: 2.61539  
Carbon Monoxide Emissions Tons/Yr: 58.72617

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GSF ENERGY LLC (Continued)**

1000111972

NOX - Oxides of Nitrogen Tons/Yr: 39.08823  
SOX - Oxides of Sulphur Tons/Yr: 11.7189021  
Particulate Matter Tons/Yr: 5.77242  
Part. Matter 10 Micrometers and Smlr Tons/Yr:5.77165782

Year: 2013  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 4953  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2.1232228267  
Reactive Organic Gases Tons/Yr: 1.08091  
Carbon Monoxide Emissions Tons/Yr: 11.47826  
NOX - Oxides of Nitrogen Tons/Yr: 8.50272  
SOX - Oxides of Sulphur Tons/Yr: 1.980510525  
Particulate Matter Tons/Yr: 2.24877  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.24743956

Year: 2014  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 4953  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.43171284256  
Reactive Organic Gases Tons/Yr: 0.2765  
Carbon Monoxide Emissions Tons/Yr: 3.50546  
NOX - Oxides of Nitrogen Tons/Yr: 3.07282  
SOX - Oxides of Sulphur Tons/Yr: 0.61001  
Particulate Matter Tons/Yr: 0.67673  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.67554584

CA Financial Assurance 2:

Region: 2  
SWIS\_NO: 30-AB-0035  
Closure Approved: Yes  
Closure Inf Coverage Date: 09/01/2014  
Closure Plan Coverage: \$37,791,002.00  
Closure Plan Date: 12/01/2014  
PostClose Approved: Yes  
PostClose Adequacy Date: 12/01/2014  
PostClose Inf Coverage: \$61,171,448.00  
PostClose Inf Coverage Date: 09/01/2014  
CorActCoverage: \$1,162,667.00  
CorActApproved: Yes  
CorAct Mec Adequacy Date: Not reported  
CorAct Inf Coverage: \$1,442,469.00  
CorActPlanCoverage: \$1,274,511.00  
CorAct Plan Date: 12/18/2007  
Lia Coverage: \$1,000,000.00

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GSF ENERGY LLC (Continued)**

**1000111972**

Lia Approved:	Yes
Review:	05/01/2015
Closure Mechanism A:	ENTERPRISE FUND
Closure Mechanism B:	Not reported
Closure Coverage:	\$37,439,412.00
Closure Adequacy:	Not reported
Closure Inflation Estimate:	\$46,449,414.00
Post Closure Mechanism A:	PLEDGE OF REVENUE
Post Closure Established A:	04/06/1992
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	\$61,171,448.00
Post Closure Adequacy:	Not reported
Corrective Action Established A:	10/19/2004
Corrective Action Coverage:	\$1,162,667.00
Corrective Action Approved:	Yes
Corrective Action Inflation Estimate:	\$1,442,469.00
Corrective Action Inflationdate:	05/06/2014
Corrective Action Plan Estimate:	\$1,274,511.00
Liability Mechanism A:	SELF-INS. & RISK MANAGEMENT
Liability Established A:	10/26/2007
Liability Mechanism B:	Not reported
CostAnniversary:	09/01/2014
ClosureEstablishedA:	11/20/1995
ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	ENTERPRISE FUND
CorrectiveActionMechanismB:	Not reported
CorrectiveActionEstablishedB:	Not reported
CorrectiveActionDisbursement:	0
LiabilityEstablishedB:	Not reported
LiabilityAdequacy:	Not reported
Contact:	County of Orange Integ Waste Mgt Dept

**WDS:**

Facility ID:	Santa Ana River 30I005259
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	ORANGE CO. IWMD
Agency Address:	320 N. FLOWER SUITE 400
Agency City,St,Zip:	SANTA ANA 92703
Agency Contact:	KEVIN KONDRU
Agency Telephone:	9098344114
Agency Type:	County
SIC Code:	0



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GSF ENERGY LLC (Continued)**

**1000111972**

SIC Code 2: Not reported  
 Primary Waste Type: Not reported  
 Primary Waste: Not reported  
 Waste Type2: Not reported  
 Waste2: Not reported  
 Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Design Flow: 0  
 Baseline Flow: 0  
 Reclamation: Not reported  
 POTW: Not reported  
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**K56**  
**North**  
**1/4-1/2**  
**0.488 mi.**  
**2574 ft.**

**COUNTY OF ORANGE, IWMD OLINDA**  
**1942 NORTH VALENCIA AVENUE**  
**BREA, CA 92823-6807, CA 92823**  
**Site 2 of 2 in cluster K**

**SWF/LF** **S106920677**  
**CHMIRS** **N/A**  
**LDS**  
**EMI**  
**ENF**

**Relative:**  
**Higher**

LOS ANGELES CO. LF:

**Actual:**  
**730 ft.**

Site ID: 585  
 Alt. Address: Not reported  
 Site Contact: Not reported  
 Site Contact Phone: (714) 834-4000  
 Site Email: Not reported  
 Site Website: Not reported  
 Site Type: Out-of-County Facility  
 Site SWIS Number: 30-AB-0035  
 Beginning Operation Date: Not reported  
 Ending Operation Date: Not reported  
 Local Enforcement Agency: Not reported  
 Maximun Depth Fill(Ft): Not reported  
 Permitted Capacity: Not reported  
 Present Use: Not reported  
 Remaining Capacity(Million): Not reported  
 Status: Active  
 Waste Accepted: Agricultural;Construction & Demolition;Household Trash;Industrial Non-Hazardous;Tires;  
 Hours of Operation: Not reported  
 Disposal Area (Acre): Not reported

Detail As Of 01/2014:

Operator Name: County of Orange Integrated Waste Mgt. Dept.  
 Operator Address: 320 N Flower Street; Suite 400  
 Operator City/State/Zip: Santa Ana, CA 92703  
 Operator Contact: Not reported  
 Operator Telephone: (714) 834-4000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Operator Email: Not reported  
Owner Name: Unknown  
Owner Address: Not reported  
Owner City/State/Zip: Not reported  
Owner Contact: Not reported  
Owner Telephone: Not reported  
Owner Email: Not reported

CHMIRS:

OES Incident Number: 13-3479  
OES notification: 06/08/2013  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Other  
Cleanup By: Unknown  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Unknown  
Other: Not reported  
Date/Time: 700  
Year: 2013  
Agency: Brea Olinda Landfill  
Incident Date: 6/8/2013  
Admin Agency: Brea Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported  
E Date: Not reported  
Substance: Trash Truck loaded with waste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states a trash truck set the alarm off at See Booth. Dose Meter reading at surface is 220. Identity is 58% Medical 1-131, 55% Natural Th-232. Caller states the truck has been isolated
OES Incident Number:	1-0133
OES notification:	01/08/2011
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personnel # Of Decontaminated:	Not reported
Responding Agency Personnel # Of Injuries:	Not reported
Responding Agency Personnel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Utilities/Substation
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Type:	Not reported
Measure:	Unknown
Other:	Not reported
Date/Time:	1050
Year:	2011
Agency:	Brea Land Fill
Incident Date:	1/8/2011
Admin Agency:	Brea Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Not reported
E Date:	Not reported
Substance:	Radioactive Material
Quantity Released:	UNK
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states that while a customer was dropping off garbage, the radiological alarm had gone off. I-131. Reading is 2.745 m-rems
OES Incident Number:	10-5326
OES notification:	09/04/2010
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business,Other
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Unknown
Other:	Not reported
Date/Time:	1335
Year:	2010
Agency:	Orange Co Waste Recycling
Incident Date:	9/4/2010
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Radiation Alarm Sounding
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states a truck with medical waste has set-off the radiation alarm at there waste disposal site. Caller states detector shows a reading of 3.720 Mili-rem at the source and a reading of 0.310 Mili-rem at 1 foot from the source and a reading of 0.095 Mili-rem at 3 feet from the source. Caller states the truck has been isolated.
OES Incident Number:	10-1446
OES notification:	02/27/2010
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	None
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Unknown
Other:	Not reported
Date/Time:	1010
Year:	2010
Agency:	Brea Landfill
Incident Date:	2/27/2010
Admin Agency:	Brea Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Unknown Waste
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Description: Caller is reporting that there is radiological detection on a truck possibly carrying medical waste. The detection monitor states that it is 92% positive for Medical Waste (I-131). The reading right next to the truck is reading 0.550 microrems.

OES Incident Number: 4-5480  
OES notification: 09/27/2014  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: None  
Spill Site: Other  
Cleanup By: No  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Type: RADIOLOGICAL  
Measure: N/A  
Other: Not reported  
Date/Time: 1047  
Year: 2014  
Agency: Ops Center of Ground Central Recycling  
Incident Date: 9/27/2014  
Admin Agency: Not reported  
Amount: Not reported  
Contained: Yes  
Site Type: None  
E Date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Substance:	Iodine 131,
Quantity Released:	Unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Not reported
Fatals:	No
Comments:	Not reported
Description:	Caller states received a phone call from a driver stating he was detained at a landfill for a detected radiological reading. The truck is being held at the landfill until Kathleen Harkness of California Radiological Health Branch (714-524-1816) can provide the needed clearance paperwork. No clean-up will be needed and no waterways were impacted.
OES Incident Number:	1-4936
OES notification:	08/19/2011
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	N/A
Other:	Not reported
Date/Time:	1030
Year:	2011
Agency:	County of Orange
Incident Date:	8/19/2011
Admin Agency:	Brea Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Radiological Alarm
Quantity Released:	unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A truck delivering waste for disposal set off a radiological alarm when entering the facility. The Monitor reading is very low at 0860 mRem per hour and identifies it as I131 medical material. The waste is contained in the truck which has been isolated.

LDS:

Global Id:	L10004560081
Latitude:	33.934
Longitude:	-117.841
Case Type:	Land Disposal Site
Status:	Open - Operating
Status Date:	11/01/2014
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Caseworker:	KDP
Local Agency:	Not reported
RB Case Number:	8 300302003
LOC Case Number:	Not reported
File Location:	Regional Board
Potential Media Affect:	Not reported

MAP FINDINGS

**COUNTY OF ORANGE, IWMD OLINDA (Continued)**

**S106920677**

EDR Link ID: L10004560081

Potential Contaminants of Concern: Not reported

Site History: Site Information The Olinda Alpha Landfill is located in Chino Hills in an unincorporated area of Orange County, north of the City of Brea, east of the 57 (Orange) Freeway, and immediately south of the county line separating Orange and Los Angeles Counties. The areas south and west of the site have been used for the production of crude oil. Residential structures have been constructed south of the landfill as part of a residential development. The land to the north and east of the landfill site consists of open space. The Olinda Alpha Landfill is owned by the County of Orange and operated by OC Waste & Recycling as an active Class III municipal solid waste landfill. The Olinda Alpha Landfill consists of three adjacent (contiguous) waste management units: (i) the Olinda unit to the west, (ii) the Olinda Alpha unit to the east, and (iii) the central ridge unit, which links the Olinda and Olinda Alpha units. OC Waste & Recycling has been disposing waste in the Olinda unit, the Olinda Alpha unit, and the central ridge unit since 1960, 1981, and 1998, respectively. Only municipal non-hazardous solid wastes are accepted at the landfill, and the disposal of liquid wastes and hazardous wastes is prohibited. OC Waste & Recycling received revised Waste Discharge Requirements (WDRs) on 29 January 2010, which approves the lateral and vertical expansion of the Olinda Alpha Landfill and extends the planned closure date to approximately 2021. The Olinda and Olinda Alpha units are not equipped with engineered artificial liners or leachate collection and removal systems (LCRS) because these two units were constructed prior to liner requirements. On 6 June 1997, the CRWQCB adopted Order No. 97-55 to waive the composite liner requirements and to approve an alternative liner for the central ridge unit. Refuse disposal in the central ridge unit was initiated on 29 June 1998, following the installation of an LCRS in this unit. On 29 January 2010, the CRWQCB adopted Order R8-2010-0006 to waive the composite liner requirements for the 33-acre expansion area northeast of the Olinda Alpha unit. Refuse disposal in the expansion area is planned in the next few years. An active landfill gas collection and control system has been installed at the Olinda Alpha Landfill and is regularly expanded as additional refuse is disposed. Landfill gas collection and recovery operations and system maintenance are conducted by Broadrock Renewable. A portion of the landfill gas collected at the site is used to generate electrical power, and the remaining landfill gas is combusted on-site in flares.

Hydrologic and Hydrogeologic Conditions The Olinda Alpha Landfill does not overlie a major groundwater basin identified by the California Department of Water Resources (CDWR) [1967], but it is part of the watershed tributary to the La Habra-Yorba Linda Groundwater Basin, which is located south of the Whittier Fault Zone. There are no known beneficial uses of the low-yield groundwater underlying the landfill site [CDWR, 1976 and CRWQCB, 2010]. A total of 28 groundwater monitoring wells and 22 groundwater extraction wells are currently installed at the Olinda Alpha Landfill and at adjacent properties. These groundwater wells were installed as part of the Solid Waste Assessment Test (SWAT) program, previous hydrogeologic investigations, and the construction of a groundwater remediation system. The groundwater monitoring wells are used for groundwater depth measurement and sampling purposes. The groundwater extraction wells are used for groundwater recovery purposes as part of the corrective action program at the site. The locations of the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

groundwater monitoring and extraction wells are shown in. Previous geological investigations conducted at the site indicate that the mapped trace(s) of the Whittier Fault Zone intercept(s) the southwest portion of the site. The subsurface geology of the site is marine sedimentary bedrock composed predominantly of sandstone and silty sandstone interbedded with generally thin siltstone and hard clay layers (referred to as shale) of the Puente formation. The bedding in the central portion of the landfill generally dips to the southwest at angles of 15 to 25 degrees. The bedding dip becomes nearly vertical in the south portion of the landfill. The property located south of the landfill (and also south of the Whittier Fault) has historically been used for the production of oil, and was recently developed for residential use. Tar seeps, which are likely to be naturally occurring crude oil, have been reported at the surface and in the subsurface southwest of the Whittier Fault Zone, but they have not been reported at the landfill. Therefore, it appears that the Whittier Fault Zone separates two geologic formations with different subsurface conditions. Two separate groundwater-bearing zones have been identified during previous drilling operations at the site, as follows: (i) a continuous groundwater body located below the entire site, and (ii) localized, discontinuous perched water located west of the Olinda unit and in other areas at the site above the groundwater. Due to their low yields and naturally poor groundwater quality, no beneficial use has been established for these two groundwater bodies [CDWR, 1967; CRWQCB, 1995a and 2010]. Groundwater occurs primarily in silty sand layers within the continuous groundwater below the site. These silty sand layers are separated by clay layers above and around which groundwater flows. Slug tests conducted in groundwater monitoring wells and laboratory triaxial permeability tests performed on soil samples collected from the continuous groundwater body indicate that the hydraulic conductivity ranges from  $1 \times 10^{-5}$  centimeters per second (cm/s) in the silty sand to  $1 \times 10^{-8}$  cm/s or less in the clay material [Geosyntec, 1993a]. The groundwater flows predominantly from the perimeter ridgeline toward the pre-landfill canyons in a south-southwest direction. OC Waste & Recycling has been implementing a corrective action program at the site to extract and treat groundwater and seep water impacted by volatile organic compounds (VOCs). Groundwater is pumped from eight extraction wells located at the toe of the Olinda unit (MH -1, MW -1, and EX 1-1 through EX 1-6) and seven extraction wells located at the toe of the Olinda Alpha unit (EX2-1 through EX2-7). Perched water extraction from the seven extraction wells installed in the perched water west of the Olinda unit (MW-7A, MW-7A1, MW-7A3, MW-7A4, MW-7A5, MW-7A7, and MW-7A10) was discontinued on 26 July 2002, following approval by the CRWQCB (CR WQCB, 2002). Seep water encountered during the grading of the Olinda Alpha unit is also collected at the site. The extracted groundwater and collected seep water are diverted to a collection tank and treated on-site by an advanced oxidation process (AOP) utilizing ultraviolet (UV) light/ozone and an activated carbon unit. GROUNDWATER MONITORING The M&RP specifies four types of groundwater monitoring programs to be implemented at the Olinda Alpha Landfill, namely: Detection Monitoring Program (DMP): The objectives of the DMP are to monitor groundwater flow direction and velocity and evaluate potential releases from the landfill to the groundwater. Corrective Action Monitoring Program (CAP): The objective of the CAP is to monitor the efficacy of corrective action (source control and groundwater extraction) at the landfill. Groundwater Extraction

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Monitoring Program (GEP): The objective of the GEP is to monitor the quality of the extracted groundwater and collected seep water at the landfill for comparison with the quality of treated groundwater.  
Groundwater Treatment Monitoring Program (GTP): The objectives of the GTP are to monitor the quality of the treated groundwater/seep water and evaluate the efficacy of the treatment system at the landfill. In addition to the DMP, CAP, GEP, and GTP implemented semi-annually, M&RP R8-20 10-0006 requires the implementation of a COC testing program every five years. The objective of the COC testing program is to identify and evaluate if COC will be added to the list of semi-annual groundwater monitoring parameters. The groundwater monitoring activities conducted during this semi-annual monitoring period (from April 2011 through September 2011) at the Olinda Alpha Landfill for the DMP, CAP, GEP, and GTP consisted of: (i) semi-annual groundwater depth measurements in monitoring wells; (ii) collection of semi-annual groundwater samples from the detection monitoring wells and corrective action monitoring wells for the DMP and CAP, respectively; (iii) collection of semi-annual extracted (untreated) groundwater samples, and (untreated) seep water samples for the GEP, and semi-annual treated groundwater/seep water samples for the GTP, respectively; (iv) laboratory testing of the groundwater and seep water samples; and (v) evaluation of laboratory chemical data using statistical and nonstatistical analysis methods. A description of the groundwater monitoring procedures and results is presented below.  
Groundwater Monitoring Network Detection Monitoring Program The groundwater monitoring well network approved by the CRWQCB for the DMP at the Olinda Alpha Landfill consists of eight detection monitoring wells (MW-3, MW-4R, MW-5R, MW-8, MW-9, MW-18, MW-19, and MW-20) installed at the locations shown in Figure 2-3 and screened in the groundwater underlying the landfill. Groundwater Monitoring Wells MW-4R and MW-5R are located upgradient of the landfill and serve as background monitoring points for the DMP. Groundwater Monitoring Wells MW-3, MW-8, MW-9, MW-18, MW-19, and MW-20 are located downgradient or cross-gradient of the landfill and serve as compliance monitoring points for the DMP. Corrective Action Monitoring Program The groundwater monitoring well network approved by the CR WQCB for the CAP at the Olinda Alpha Landfill consists of eight groundwater monitoring wells (MW-1C, MW-1D, MW-1E, MW-1F, MW-1G, MW-2C, MW-2D, and MW-2E). The eight groundwater monitoring wells that serve as corrective action monitoring points for the CAP are screened in the groundwater underlying the landfill and are located downgradient of the groundwater extraction systems at the toe of the Olinda and Olinda Alpha units.

[Click here to access the California GeoTracker records for this facility:](#)

EMI:  
Year: 2001  
County Code: 30  
Air Basin: SC  
Facility ID: 50418  
Air District Name: SC  
SIC Code: 9511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 10  
NOX - Oxides of Nitrogen Tons/Yr: 19  
SOX - Oxides of Sulphur Tons/Yr: 3  
Particulate Matter Tons/Yr: 4  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2

ENF:

Region: 8  
Facility Id: 258979  
Agency Name: Not reported  
Place Type: Waste Management Unit  
Place Subtype: Land fill  
Facility Type: Solid Waste Class III - nonhazardous solid wastes  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 33.938382  
Place Longitude: -117.833983  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Enf Action  
Design Flow: Not reported  
Threat To Water Quality: Not reported  
Complexity: Not reported  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: Not reported  
Program Category1: Not reported  
Program Category2: LNDISP  
# Of Programs: Not reported  
WDID: Not reported  
Reg Measure Id: Not reported  
Reg Measure Type: Not reported  
Region: Not reported  
Order #: Not reported  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	255042
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice to Comply
Effective Date:	10/22/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 8 300302003
Description:	Issued NTC for drainage and erosion control violations.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	258979
Agency Name:	Orange Cnty Waste & Recycling
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	33.938382
Place Longitude:	-117.833983
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 300302003
Reg Measure Id:	373097
Reg Measure Type:	WDR
Region:	8
Order #:	R8-2010-0006
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	05/21/2014
Effective Date:	01/29/2010
Expiration/Review Date:	01/01/2020
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	1/1/2020
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	373080
Region:	8
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice to Comply
Effective Date:	01/26/2010
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/26/2010
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NTC 1/26/10 for OCW&R, Olinda Alpha

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Description: NTC issued for drainage and erosion control violations.  
Program: LFOPER  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

Region: 8  
Facility Id: 258979  
Agency Name: Orange Cnty Waste & Recycling  
Place Type: Waste Management Unit  
Place Subtype: Land fill  
Facility Type: Solid Waste Class III - nonhazardous solid wastes  
Agency Type: County Agency  
# Of Agencies: 1  
Place Latitude: 33.938382  
Place Longitude: -117.833983  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: 0.0001  
Threat To Water Quality: 3  
Complexity: B  
Pretreatment: X - Facility is not a POTW  
Facility Waste Type: Solid wastes, NEC  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISP  
Program Category1: LNDISP  
Program Category2: LNDISP  
# Of Programs: 1  
WDID: 8 300302003  
Reg Measure Id: 148819  
Reg Measure Type: WDR  
Region: 8  
Order #: 99-033  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: N - No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: Not reported  
Status: Historical  
Status Date: 02/17/2010  
Effective Date: 08/20/1999  
Expiration/Review Date: 08/20/2014  
Termination Date: 01/29/2010  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 12 - Non Billable Land Disposal Site  
Direction/Voice: Passive  
Enforcement Id(EID): 345549  
Region: 8  
Order / Resolution Number: Not reported  
Enforcement Action Type: Oral Communication  
Effective Date: 09/06/2006  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 09/06/2006  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Verbal communication  
Description: Minor erosion observed on slope.  
Program: LNDISP  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Region: 8  
Facility Id: 258979  
Agency Name: Orange Cnty Waste & Recycling  
Place Type: Waste Management Unit  
Place Subtype: Land fill  
Facility Type: Solid Waste Class III - nonhazardous solid wastes  
Agency Type: County Agency  
# Of Agencies: 1  
Place Latitude: 33.938382  
Place Longitude: -117.833983  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 300302003
Reg Measure Id:	148819
Reg Measure Type:	WDR
Region:	8
Order #:	99-033
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	02/17/2010
Effective Date:	08/20/1999
Expiration/Review Date:	08/20/2014
Termination Date:	01/29/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	12 - Non Billable Land Disposal Site
Direction/Voice:	Passive
Enforcement Id(EID):	245461
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice to Comply
Effective Date:	10/30/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

EPL Issuance Date: Not reported  
Status: Active  
Title: Enforcement - 8 300302003  
Description: NTC HAS BEEN COMPLIED WITH.  
Program: LNDISP  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Region: 8  
Facility Id: 258979  
Agency Name: Orange Cnty Waste & Recycling  
Place Type: Waste Management Unit  
Place Subtype: Land fill  
Facility Type: Solid Waste Class III - nonhazardous solid wastes  
Agency Type: County Agency  
# Of Agencies: 1  
Place Latitude: 33.938382  
Place Longitude: -117.833983  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: 0.0001  
Threat To Water Quality: 3  
Complexity: B  
Pretreatment: X - Facility is not a POTW  
Facility Waste Type: Solid wastes, NEC  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISP  
Program Category1: LNDISP  
Program Category2: LNDISP  
# Of Programs: 1  
WDID: 8 300302003  
Reg Measure Id: 148819  
Reg Measure Type: WDR  
Region: 8  
Order #: 99-033  
Npdes# CA#: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	02/17/2010
Effective Date:	08/20/1999
Expiration/Review Date:	08/20/2014
Termination Date:	01/29/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	12 - Non Billable Land Disposal Site
Direction/Voice:	Passive
Enforcement Id(EID):	244926
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	09/17/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Active
Title:	Enforcement - 8 300302003
Description:	13267 LETTER FOR RADIOACTIVE WASTE INVESTIGATION.
Program:	LNDISP
Latest Milestone Completion Date:	1/2/2003
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	258979
Agency Name:	Orange Cnty Waste & Recycling
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	33.938382
Place Longitude:	-117.833983
SIC Code 1:	Not reported
SIC Desc 1:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 300302003
Reg Measure Id:	148819
Reg Measure Type:	WDR
Region:	8
Order #:	99-033
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	02/17/2010
Effective Date:	08/20/1999
Expiration/Review Date:	08/20/2014
Termination Date:	01/29/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	12 - Non Billable Land Disposal Site
Direction/Voice:	Passive
Enforcement Id(EID):	236208
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/28/2001
Adoption/Issuance Date:	Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COUNTY OF ORANGE, IWMD OLINDA (Continued)**

**S106920677**

Achieve Date:	3/2/2001
Termination Date:	02/28/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 300302003
Description:	The discharger complied with our requirements.
Program:	LNDISP
Latest Milestone Completion Date:	3/2/2001
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Region:	8
Facility Id:	258979
Agency Name:	Orange Cnty Waste & Recycling
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	33.938382
Place Longitude:	-117.833983
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 300302003
Reg Measure Id:	148819
Reg Measure Type:	WDR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Region: 8  
Order #: 99-033  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: Not reported  
Status: Historical  
Status Date: 02/17/2010  
Effective Date: 08/20/1999  
Expiration/Review Date: 08/20/2014  
Termination Date: 01/29/2010  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 12 - Non Billable Land Disposal Site  
Direction/Voice: Passive  
Enforcement Id(EID): 223412  
Region: 8  
Order / Resolution Number: 91-066  
Enforcement Action Type: Clean-up and Abatement Order  
Effective Date: 06/24/1991  
Adoption/Issuance Date: Not reported  
Achieve Date: 4/22/1994  
Termination Date: Not reported  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 8 300302003  
Description: TIME SCHEDULE FOR DRAINAGE IMPROVEMENTS  
Program: LNDISP  
Latest Milestone Completion Date: 4/22/1994  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

Region: 8  
Facility Id: 258979  
Agency Name: Orange Cnty Waste & Recycling  
Place Type: Waste Management Unit  
Place Subtype: Land fill  
Facility Type: Solid Waste Class III - nonhazardous solid wastes  
Agency Type: County Agency  
# Of Agencies: 1  
Place Latitude: 33.938382

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF ORANGE, IWMD OLINDA (Continued)

S106920677

Place Longitude:	-117.833983
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISP
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 300302003
Reg Measure Id:	148819
Reg Measure Type:	WDR
Region:	8
Order #:	99-033
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	02/17/2010
Effective Date:	08/20/1999
Expiration/Review Date:	08/20/2014
Termination Date:	01/29/2010
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	12 - Non Billable Land Disposal Site
Direction/Voice:	Passive
Enforcement Id(EID):	223180
Region:	8
Order / Resolution Number:	94-03423

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COUNTY OF ORANGE, IWMD OLINDA (Continued)**

**S106920677**

Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/22/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 300302003
Description:	RESCINDS CAO 91-66
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

**57**  
**SSW**  
**1/4-1/2**  
**0.495 mi.**  
**2616 ft.**

**TEXACO SERVICE STATION**  
**3300 IMPERIAL**  
**BREA, CA 92621**

**LUST** **S104576328**  
**HIST CORTESE** **N/A**

**Relative:**  
**Lower**

**Relative:** LUST REG 8:  
 Region: 8  
 County: Orange  
 Regional Board: Santa Ana Region  
 Facility Status: Case Closed  
 Case Number: Not reported  
 Local Case Num: 87UT042  
 Case Type: Undefined  
 Substance: Waste Oil  
 Qty Leaked: 0  
 Abate Method: Not reported  
 Cross Street: Not reported  
 Enf Type: Not reported  
 Funding: Not reported  
 How Discovered: Tank Closure  
 How Stopped: Close Tank  
 Leak Cause: Unknown  
 Leak Source: Unknown  
 Global ID: T0605943716  
 How Stopped Date: 9/9/9999  
 Enter Date: Not reported  
 Date Confirmation of Leak Began: Not reported  
 Date Preliminary Assessment Began: Not reported  
 Discover Date: 1/1/1965  
 Enforcement Date: Not reported  
 Close Date: 8/10/1987  
 Date Prelim Assessment Workplan Submitted: Not reported  
 Date Pollution Characterization Began: Not reported  
 Date Remediation Plan Submitted: Not reported  
 Date Remedial Action Underway: Not reported  
 Date Post Remedial Action Monitoring: Not reported

**Actual:**  
**391 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TEXACO SERVICE STATION (Continued)**

**S104576328**

Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	TME
Staff Initials:	AD
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

**HIST CORTESE:**

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000400T

**58**  
**SSE**  
 1/4-1/2  
 0.498 mi.  
 2631 ft.

**SUNSET TROPICALS INC**  
**3811 PROSPECT AVE**  
**YORBA LINDA, CA 92886**

**ENVIROSTOR** **U001578025**  
**UST** **N/A**  
**VCP**  
**HIST UST**  
**DEED**

**Orange Co. Industrial Site**

**Relative:**  
**Lower**

**ENVIROSTOR:**

**Actual:**  
**408 ft.**

Facility ID:	60001999
Status:	Active
Status Date:	04/16/2014
Site Code:	401667
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	10.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Folashade Simpson
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Assembly:	55
Senate:	29
Special Program:	Voluntary Cleanup Program

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET TROPICALS INC (Continued)**

**U001578025**

Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 33.9  
Longitude: -117.8  
APN: 322-121-01, 322-121-02  
Past Use: NONE  
Potential COC: Tetrachloroethylene (PCE)  
Confirmed COC: Tetrachloroethylene (PCE)  
Potential Description: SV  
Alias Name: 322-121-01  
Alias Type: APN  
Alias Name: 322-121-02  
Alias Type: APN  
Alias Name: 401667  
Alias Type: Project Code (Site Code)  
Alias Name: 60001999  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 07/21/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 07/21/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: California Land Reuse and Revitalization Agreement  
Completed Date: 01/26/2016  
Comments: City Ventures CLRRRA Amendment signed by DTSC and finalized

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Settlement - Administrative  
Completed Date: 06/17/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 10/14/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/07/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET TROPICALS INC (Continued)**

**U001578025**

Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 07/31/2014  
Comments: Reviewed historical phase I, II

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 07/31/2014  
Comments: historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 07/31/2014  
Comments: document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 07/31/2014  
Comments: historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 07/31/2014  
Comments: historical documents reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Tank Removal Report  
Completed Date: 07/31/2014  
Comments: historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 07/31/2014  
Comments: Historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Tank Removal Report  
Completed Date: 07/31/2014  
Comments: historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 12/25/2015  
Comments: complete

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 09/23/2014  
Comments: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET TROPICALS INC (Continued)**

**U001578025**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 12/25/2015  
Comments: complete

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: AB 389 Response Plan  
Completed Date: 01/05/2016  
Comments: complete

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 12/02/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 11/20/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 11/20/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 11/20/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 03/16/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 08/06/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 07/06/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: California Land Reuse and Revitalization Agreement

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET TROPICALS INC (Continued)**

**U001578025**

Completed Date: 03/18/2014  
Comments: Final Signed CLRRRA Agreement

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Certification  
Future Due Date: 2018  
Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Remedial Action Completion Report  
Future Due Date: 2017  
Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2020  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Land Use Restriction  
Schedule Due Date: 05/26/2017  
Schedule Revised Date: Not reported

UST:

Facility ID: 8551  
Permitting Agency: ORANGE COUNTY  
Latitude: 33.905701  
Longitude: -117.837069

VCP:

Facility ID: 60001999  
Site Type: Voluntary Cleanup  
Site Type Detail: Voluntary Cleanup  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 10.5  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Folashade Simpson  
Supervisor: Javier Hinojosa  
Division Branch: Cleanup Chatsworth  
Site Code: 401667  
Assembly: 55  
Senate: 29  
Special Programs Code: Voluntary Cleanup Program  
Status: Active  
Status Date: 04/16/2014  
Restricted Use: NO  
Funding: Responsible Party  
Lat/Long: 33.9 / -117.8  
APN: 322-121-01, 322-121-02  
Past Use: NONE  
Potential COC: 30022  
Confirmed COC: 30022  
Potential Description: SV  
Alias Name: 322-121-01  
Alias Type: APN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET TROPICALS INC (Continued)**

**U001578025**

Alias Name: 322-121-02  
Alias Type: APN  
Alias Name: 401667  
Alias Type: Project Code (Site Code)  
Alias Name: 60001999  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 07/21/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 07/21/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: California Land Reuse and Revitalization Agreement  
Completed Date: 01/26/2016  
Comments: City Ventures CLRRRA Amendment signed by DTSC and finalized

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Settlement - Administrative  
Completed Date: 06/17/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 10/14/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/07/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 07/31/2014  
Comments: Reviewed historical phase I, II

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 07/31/2014  
Comments: historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET TROPICALS INC (Continued)**

**U001578025**

Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 07/31/2014  
Comments: document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 07/31/2014  
Comments: historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 07/31/2014  
Comments: historical documents reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Tank Removal Report  
Completed Date: 07/31/2014  
Comments: historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 07/31/2014  
Comments: Historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Tank Removal Report  
Completed Date: 07/31/2014  
Comments: historical document reviewed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Workplan  
Completed Date: 12/25/2015  
Comments: complete

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 09/23/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Characterization Report  
Completed Date: 12/25/2015  
Comments: complete

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: AB 389 Response Plan  
Completed Date: 01/05/2016  
Comments: complete

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET TROPICALS INC (Continued)**

**U001578025**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 12/02/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 11/20/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 11/20/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 11/20/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 03/16/2016  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 08/06/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 07/06/2015  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: California Land Reuse and Revitalization Agreement  
Completed Date: 03/18/2014  
Comments: Final Signed CLRRRA Agreement

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Certification  
Future Due Date: 2018  
Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Remedial Action Completion Report  
Future Due Date: 2017  
Future Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET TROPICALS INC (Continued)**

**U001578025**

Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2020  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Land Use Restriction  
Schedule Due Date: 05/26/2017  
Schedule Revised Date: Not reported

**HIST UST:**

File Number: 0002EEA8  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EEA8.pdf>  
Region: STATE  
Facility ID: 00000031308  
Facility Type: Other  
Other Type: FARM  
Contact Name: Not reported  
Telephone: 7145288060  
Owner Name: SUNSET TROPICALS INC.  
Owner Address: 3811 PROSPECT AVE.  
Owner City,St,Zip: YORBA LINDA, CA 92686  
Total Tanks: 0001

Tank Num: 001  
Container Num: I  
Year Installed: 1978  
Tank Capacity: 00003000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Click here for Geo Tracker PDF:

**DEED:**

Envirostor ID: 60001999  
Area: PROJECT WIDE  
Sub Area: Not reported  
Site Type: VOLUNTARY CLEANUP  
Status: ACTIVE  
Agency: Not reported  
Covenant Uploaded: Not reported  
Deed Date(s): 12/21/2016

**Orange Co. Industrial Site:**

Case ID: 08IC024  
Record ID: RO0003497  
Current Status: CLOSED 2/3/2016  
Closure Type: Closure certification issued  
Released Chemical: PERCHLOROETHYLENE; TRICHLOROETHYLENE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

59  
SSE  
1/2-1  
0.661 mi.  
3489 ft.

**BALI OIL CO.**  
**SOUTHWEST OF PROSPECT AND IMPERIAL HWY.**  
**YORBA LINDA, CA 92686**

**ENVIROSTOR** **S101481405**  
**N/A**

**Relative:**  
**Lower**

ENVIROSTOR:

Facility ID: 30130106  
Status: Refer: Other Agency  
Status Date: 06/04/1982  
Site Code: Not reported  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: 0  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Cypress  
Assembly: 55  
Senate: 29  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.90194  
Longitude: -117.8375  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: \* CONTAMINATED SOIL \* UNSPECIFIED OIL CONTAINING WASTE  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 30130106  
Alias Type: Envirostor ID Number

**Actual:**  
**392 ft.**

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 09/23/1981  
Comments: FACILITY IDENTIFIED I'D FROM EMA RECORD SEARCH.-1967. REPORT REVEALED  
SUMP AND WASTEWATER TANK

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 02/03/2012  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

60  
SW  
1/2-1  
0.813 mi.  
4291 ft.

**UNION CHEMICALS DIV UNION OIL CO**  
**2601 E IMPERIAL HWY**  
**BREA, CA 92821**

**RCRA-SQG** 1000166471  
**SWEEPS UST** CAD073596124  
**CA FID UST**  
**EMI**  
**HWP**

**Relative:**  
**Lower**

RCRA-SQG:

**Actual:**  
**374 ft.**

Date form received by agency: 09/01/1996  
Facility name: UNION CHEMICALS DIV UNION OIL CO  
Facility address: 2601 E IMPERIAL HWY  
BREA, CA 92821  
EPA ID: CAD073596124  
Mailing address: P O BOX 1280  
BREA, CA 92621  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: UNION OIL COMPANY OF CALIFORNIA CHEM DIV  
Owner/operator address: PO BOX 1280  
CITY NOT REPORTED, CA 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 529-2151  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: UNION OIL COMPANY OF CALIFORNIA CHEM DIV  
Owner/operator address: PO BOX 1280  
BREA, CA 92621  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 529-2151  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION CHEMICALS DIV UNION OIL CO (Continued)**

**1000166471**

Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/24/1992  
Site name: UNOCAL CHEM. & MIN. DIV.  
Classification: Large Quantity Generator

Date form received by agency: 03/26/1990  
Site name: UNION CHEMICALS DIVISION BREA PLANT  
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980  
Site name: UNION CHEMICALS DIV UNION OIL CO  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 03/11/1991  
Date achieved compliance: 06/28/1994  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 11/27/1984  
Date achieved compliance: 03/28/1985  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: F - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 08/03/1983  
Date achieved compliance: 04/30/1984  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION CHEMICALS DIV UNION OIL CO (Continued)**

**1000166471**

Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

**Evaluation Action Summary:**

Evaluation date: 06/28/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/11/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 06/28/1994  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/28/1985  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/28/1985  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/12/1985  
Evaluation: GROUNDWATER MONITORING EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/27/1984  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 03/28/1985  
Evaluation lead agency: EPA

Evaluation date: 11/27/1984  
Evaluation: NON-FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 08/03/1983  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 04/30/1984  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION CHEMICALS DIV UNION OIL CO (Continued)**

**1000166471**

Evaluation date: 04/20/1983  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

**SWEEPS UST:**

Status: Active  
Comp Number: 4676  
Number: 9  
Board Of Equalization: 44-016241  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 30-000-004676-000009  
Tank Status: A  
Capacity: 1000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 2

Status: Active  
Comp Number: 4676  
Number: 9  
Board Of Equalization: 44-016241  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 30-000-004676-000010  
Tank Status: A  
Capacity: 2000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**CA FID UST:**

Facility ID: 30001295  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145292151  
Mail To: Not reported  
Mailing Address: 2601 E IMPERIAL  
Mailing Address 2: Not reported  
Mailing City,St,Zip: BREA 92621  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION CHEMICALS DIV UNION OIL CO (Continued)**

**1000166471**

Comments: Not reported  
Status: Active

EMI:

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 800142  
Air District Name: SC  
SIC Code: 2869  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 84  
Reactive Organic Gases Tons/Yr: 71  
Carbon Monoxide Emissions Tons/Yr: 314  
NOX - Oxides of Nitrogen Tons/Yr: 326  
SOX - Oxides of Sulphur Tons/Yr: 3  
Particulate Matter Tons/Yr: 39  
Part. Matter 10 Micrometers and Smlr Tons/Yr:35

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 800142  
Air District Name: SC  
SIC Code: 2869  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 161  
NOX - Oxides of Nitrogen Tons/Yr: 48  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 39  
Part. Matter 10 Micrometers and Smlr Tons/Yr:35

HWP:

EPA Id: CAD073596124  
Cleanup Status: CLOSED  
Latitude: 33.91077  
Longitude: -117.8666  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 55  
Senate District: 29  
Public Information Officer: Not reported  
Public Information Officer: Not reported

Closure:

EPA Id: CAD073596124  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION CHEMICALS DIV UNION OIL CO (Continued)**

1000166471

Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION  
Actual Date: 01/26/2016

61  
SW  
1/2-1  
0.821 mi.  
4334 ft.

**DIRECT FOTO**  
**2903 SATURN STREET #H**  
**BREA, CA 92621**

**ENVIROSTOR S110493785**  
**N/A**

**Relative:**  
**Lower**

**ENVIROSTOR:**

**Actual:**  
**368 ft.**

Facility ID: 71003343  
Status: Refer: Local Agency  
Status Date: 05/19/2015  
Site Code: Not reported  
Site Type: Tiered Permit  
Site Type Detailed: Tiered Permit  
Acres: 1  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Robert Senga  
Division Branch: Cleanup Cypress  
Assembly: Not reported  
Senate: Not reported  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 0  
Longitude: 0  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAL000130109  
Alias Type: EPA Identification Number  
Alias Name: 71003343  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: Not reported  
Completed Sub Area Name: Not reported  
Completed Document Type: Not reported  
Completed Date: Not reported  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

62  
SE  
1/2-1  
0.884 mi.  
4667 ft.

VISTA DEL VERDE ELEMENTARY SCHOOL  
VALLEY VIEW/BROOKLYN AVENUE  
YORBA LINDA, CA 92886

ENVIROSTOR S105628702  
SCH N/A

Relative:  
Lower

ENVIROSTOR:

Actual:  
443 ft.

Facility ID: 30130182  
Status: No Further Action  
Status Date: 10/04/2002  
Site Code: 404213  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 10  
NPL: NO  
Regulatory Agencies: DTSC  
Lead Agency: DTSC  
Program Manager: Not reported  
Supervisor: Juan Koponen  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 55  
Senate: 29  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.9039  
Longitude: -117.8268  
APN: NONE SPECIFIED  
Past Use: \* OIL & GAS EXTRACTION  
Potential COC: Lead Methane PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016  
Polynuclear aromatic hydrocarbons (PAHs  
30469-NO 30472-NO 30013-NO 30015-NO  
Confirmed COC: SOIL  
Potential Description: PLACENTIA-YORBA LINDA UNIFIED SCH. DIST.  
Alias Name: Alternate Name  
Alias Type: PLACENTIA-YORBA LINDA USD-VSTA DL VRDE  
Alias Name: Alternate Name  
Alias Type: VISTA DEL VERDE ELEMENTARY SCHOOL  
Alias Name: Alternate Name  
Alias Type: 404213  
Alias Name: Project Code (Site Code)  
Alias Type: 30130182  
Alias Name: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 06/26/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 10/30/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VISTA DEL VERDE ELEMENTARY SCHOOL (Continued)

S105628702

Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 09/04/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 10/04/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 05/14/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Workplan  
Completed Date: 10/22/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Workplan  
Completed Date: 05/24/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Workplan  
Completed Date: 10/22/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Public Participation  
Completed Date: 09/24/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 06/05/2001  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VISTA DEL VERDE ELEMENTARY SCHOOL (Continued)

S105628702

SCH:

Facility ID: 30130182  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 10  
National Priorities List: NO  
Cleanup Oversight Agencies: DTSC  
Lead Agency: DTSC  
Lead Agency Description: \* DTSC  
Project Manager: Not reported  
Supervisor: Juan Koponen  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404213  
Assembly: 55  
Senate: 29  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 10/04/2002  
Restricted Use: NO  
Funding: School District  
Latitude: 33.9039  
Longitude: -117.8268  
APN: NONE SPECIFIED  
Past Use: \* OIL & GAS EXTRACTION  
Potential COC: Lead, Methane, PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016, Polynuclear aromatic hydrocarbons (PAHs 30469-NO, 30472-NO, 30013-NO, 30015-NO  
Confirmed COC: SOIL  
Potential Description: PLACENTIA-YORBA LINDA UNIFIED SCH. DIST.  
Alias Name: Alternate Name  
Alias Type: PLACENTIA-YORBA LINDA USD-VSTA DL VRDE  
Alias Name: Alternate Name  
Alias Type: VISTA DEL VERDE ELEMENTARY SCHOOL  
Alias Name: Alternate Name  
Alias Type: 404213  
Alias Name: Project Code (Site Code)  
Alias Type: 30130182  
Alias Name: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 06/26/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 10/30/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VISTA DEL VERDE ELEMENTARY SCHOOL (Continued)

S105628702

Completed Date: 09/04/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 10/04/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Technical Report  
Completed Date: 05/14/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Workplan  
Completed Date: 10/22/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Workplan  
Completed Date: 05/24/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Workplan  
Completed Date: 10/22/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Public Participation  
Completed Date: 09/24/2002  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 06/05/2001  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**63**  
**South**  
**1/2-1**  
**0.965 mi.**  
**5096 ft.**

**PLEGEL OIL CO EMIL & RUBY PLE**  
**4352 ROSE DR**  
**YORBA LINDA, CA 92886**

**ENVIROSTOR**  
**Orange Co. Industrial Site**  
**FINDS**  
**EMI**

**1006825542**  
**N/A**

**Relative:**  
**Lower**

ENVIROSTOR:  
 Facility ID: 30130190  
 Status: Refer: 1248 Local Agency  
 Status Date: 08/25/2000  
 Site Code: Not reported  
 Site Type: Evaluation  
 Site Type Detailed: Evaluation  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: NONE SPECIFIED  
 Lead Agency: NONE SPECIFIED  
 Program Manager: Not reported  
 Supervisor: Referred - Not Assigned  
 Division Branch: Cleanup Cypress  
 Assembly: 55  
 Senate: 29  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not Applicable  
 Latitude: 33.89714  
 Longitude: -117.8410  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: 30130190  
 Alias Type: Envirostor ID Number

**Actual:**  
**363 ft.**

**Completed Info:**

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: SB 1248 Notification  
 Completed Date: 08/25/2000  
 Comments: DTSC is not involved with this project.

Future Area Name: Not reported  
 Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

**Orange Co. Industrial Site:**

Case ID: 00IC019  
 Record ID: RO0000012  
 Current Status: CLOSED 2/13/2001  
 Closure Type: Closure certification issued  
 Released Chemical: WASTE (OR SLOP) OIL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PLEGEL OIL CO EMIL & RUBY PLE (Continued)**

**1006825542**

FINDS:

Registry ID: 110013845571

Environmental Interest/Information System  
AIR EMISSIONS CLASSIFICATION UNKNOWN

EMI:

Year: 1997  
County Code: 30  
Air Basin: SC  
Facility ID: 98887  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 6  
Reactive Organic Gases Tons/Yr: 3  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998  
County Code: 30  
Air Basin: SC  
Facility ID: 98887  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 2  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999  
County Code: 30  
Air Basin: SC  
Facility ID: 98887  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 6  
Reactive Organic Gases Tons/Yr: 3  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PLEGEL OIL CO EMIL & RUBY PLE (Continued)**

**1006825542**

SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000  
County Code: 30  
Air Basin: SC  
Facility ID: 98887  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 6  
Reactive Organic Gases Tons/Yr: 3  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001  
County Code: 30  
Air Basin: SC  
Facility ID: 98887  
Air District Name: SC  
SIC Code: 1311  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 6  
Reactive Organic Gases Tons/Yr: 3  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Count: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BREA	S105628697	BIRCH MIDDLE SCHOOL	BIRCH STREET/VOYAGER AVENUE	92821	ENVIROSTOR, SCH
BREA	S108985877	CITY OF BREA	N/A IMPERIAL HIGHWAY		SLIC
BREA	S106797615	NUEVO ENERGY - TENTATIVE TRACT #16	2700 E. LAMBERT ROAD	92821	ENVIROSTOR
BREA	S106174493	BREA OLINDA VENTURE PROPERTY	UNK NE VALENCIA & CARBON CANYO	92823	Orange Co. Industrial Site
YORBA LINDA	S106797610	PLEGEL OIL COMPANY;SHAY ODOM LEASE	W OF NWC OR PROSPECT AV & NIGH	92886	ENVIROSTOR



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/05/2016	Source: EPA
Date Data Arrived at EDR: 01/05/2017	Telephone: N/A
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 01/05/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 09/14/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2016	Telephone: 703-603-8704
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 17	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Varies

### SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

### SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/10/2016	Source: EPA
Date Data Arrived at EDR: 10/20/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 01/06/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/12/2016	Source: EPA
Date Data Arrived at EDR: 09/28/2016	Telephone: 800-424-9346
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 11/18/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 11/29/2016
Number of Days to Update: 66	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 11/15/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/29/2016	Telephone: 703-603-0695
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 11/29/2016
Number of Days to Update: 66	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/26/2016

Date Data Arrived at EDR: 09/29/2016

Date Made Active in Reports: 11/11/2016

Number of Days to Update: 43

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 12/28/2016

Next Scheduled EDR Contact: 04/10/2017

Data Release Frequency: Annually

## ***State- and tribal - equivalent NPL***

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/31/2016

Date Data Arrived at EDR: 11/01/2016

Date Made Active in Reports: 01/18/2017

Number of Days to Update: 78

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/31/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Quarterly

## ***State- and tribal - equivalent CERCLIS***

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/31/2016

Date Data Arrived at EDR: 11/01/2016

Date Made Active in Reports: 01/18/2017

Number of Days to Update: 78

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/31/2017

Next Scheduled EDR Contact: 05/08/2017

Data Release Frequency: Quarterly

## ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/14/2016

Date Data Arrived at EDR: 11/15/2016

Date Made Active in Reports: 01/20/2017

Number of Days to Update: 66

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/15/2016

Next Scheduled EDR Contact: 02/27/2017

Data Release Frequency: Quarterly

## ***State and tribal leaking storage tank lists***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/14/2016	Telephone: see region list
Date Made Active in Reports: 01/20/2017	Last EDR Contact: 12/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calaveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

## LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004  
Date Data Arrived at EDR: 02/26/2004  
Date Made Active in Reports: 03/24/2004  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-776-8943  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6710  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: No Update Planned

## LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

## LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005  
Date Data Arrived at EDR: 02/15/2005  
Date Made Active in Reports: 03/28/2005  
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4496  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Varies

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016  
Date Data Arrived at EDR: 01/08/2016  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 41

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/26/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015	Source: EPA Region 8
Date Data Arrived at EDR: 10/23/2015	Telephone: 303-312-6271
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 118	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015	Source: EPA Region 7
Date Data Arrived at EDR: 02/12/2016	Telephone: 913-551-7003
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 112	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 105	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC: Statewide SLIC Cases

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/14/2016	Telephone: 866-480-1028
Date Made Active in Reports: 01/23/2017	Last EDR Contact: 12/14/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Varies

## SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

## SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

## SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

## SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 07/01/2011
Number of Days to Update: 47	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

## SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Semi-Annually

## SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Annually

## ***State and tribal registered storage tank lists***

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/12/2016	Source: SWRCB
Date Data Arrived at EDR: 09/14/2016	Telephone: 916-341-5851
Date Made Active in Reports: 10/14/2016	Last EDR Contact: 12/15/2016
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Semi-Annually

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/22/2016
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Quarterly

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 119	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/26/2017
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 120	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/24/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 01/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

## **State and tribal voluntary cleanup sites**

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/27/2016
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/31/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/01/2016	Telephone: 916-323-3400
Date Made Active in Reports: 01/18/2017	Last EDR Contact: 01/31/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## **State and tribal Brownfields sites**

### BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/07/2016	Telephone: 916-323-7905
Date Made Active in Reports: 05/04/2016	Last EDR Contact: 01/04/2017
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/20/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/21/2016	Telephone: 202-566-2777
Date Made Active in Reports: 11/11/2016	Last EDR Contact: 12/20/2016
Number of Days to Update: 51	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 02/03/2017
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: No Update Planned

#### SWRCY: Recycler Database

A listing of recycling facilities in California.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 12/14/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

**HAULERS: Registered Waste Tire Haulers Listing**  
A listing of registered waste tire haulers.

Date of Government Version: 08/25/2016  
Date Data Arrived at EDR: 08/26/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 49

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Varies

**INDIAN ODI: Report on the Status of Open Dumps on Indian Lands**  
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/31/2016  
Next Scheduled EDR Contact: 02/13/2017  
Data Release Frequency: Varies

**ODI: Open Dump Inventory**

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

**DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: No Update Planned

**IHS OPEN DUMPS: Open Dumps on Indian Land**

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## ***Local Lists of Hazardous waste / Contaminated Sites***

**US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/31/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 17

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/29/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: No Update Planned

## HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005  
Date Data Arrived at EDR: 08/03/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/23/2009  
Next Scheduled EDR Contact: 05/25/2009  
Data Release Frequency: No Update Planned

## SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/31/2016  
Date Data Arrived at EDR: 11/01/2016  
Date Made Active in Reports: 01/18/2017  
Number of Days to Update: 78

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/31/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

## CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 08/31/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 34

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Varies

## TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995  
Date Data Arrived at EDR: 08/30/1995  
Date Made Active in Reports: 09/26/1995  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 01/26/2009  
Next Scheduled EDR Contact: 04/27/2009  
Data Release Frequency: No Update Planned

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/30/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 17

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 11/29/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Local Lists of Registered Storage Tanks

### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/01/2016	Source: Department of Public Health
Date Data Arrived at EDR: 12/06/2016	Telephone: 707-463-4466
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 11/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/13/2017
	Data Release Frequency: Annually

### HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Local Land Records

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/29/2016	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 12/06/2016	Telephone: 916-323-3400
Date Made Active in Reports: 01/23/2017	Last EDR Contact: 12/02/2016
Number of Days to Update: 48	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 01/24/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/06/2016	Source: DTSC and SWRCB
Date Data Arrived at EDR: 12/06/2016	Telephone: 916-323-3400
Date Made Active in Reports: 01/20/2017	Last EDR Contact: 12/06/2016
Number of Days to Update: 45	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/28/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Annually

### CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/26/2016	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/26/2016	Telephone: 916-845-8400
Date Made Active in Reports: 01/17/2017	Last EDR Contact: 01/25/2017
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

### LDS: Land Disposal Sites Listing

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/14/2016	Telephone: 866-480-1028
Date Made Active in Reports: 01/20/2017	Last EDR Contact: 12/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/12/2016	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/14/2016	Telephone: 866-480-1028
Date Made Active in Reports: 01/20/2017	Last EDR Contact: 12/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/12/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/28/2016	Telephone: (415) 495-8895
Date Made Active in Reports: 01/06/2017	Last EDR Contact: 12/28/2016
Number of Days to Update: 100	Next Scheduled EDR Contact: 04/10/2017
	Data Release Frequency: Varies

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 12/08/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/13/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 01/31/2017  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 10/11/2016  
Date Data Arrived at EDR: 11/16/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/23/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 11/24/2015  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 133

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2016  
Date Data Arrived at EDR: 08/22/2016  
Date Made Active in Reports: 11/11/2016  
Number of Days to Update: 81

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 01/13/2017
Number of Days to Update: 127	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/27/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/05/2016	Telephone: 202-564-5088
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/09/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Quarterly

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/17/2016
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Quarterly

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 02/03/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/06/2016
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/06/2016
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 01/29/2016
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/03/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2016	Telephone: 202-343-9775
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/06/2017
Number of Days to Update: 16	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 09/30/2015  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/23/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/13/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016  
Date Data Arrived at EDR: 07/26/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 59

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 09/09/2016  
Next Scheduled EDR Contact: 12/05/2016  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/07/2016  
Date Data Arrived at EDR: 04/07/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 148

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 01/05/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/05/2016  
Date Data Arrived at EDR: 09/01/2016  
Date Made Active in Reports: 09/23/2016  
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/01/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005      Source: USGS  
Date Data Arrived at EDR: 02/29/2008      Telephone: 703-648-7709  
Date Made Active in Reports: 04/18/2008      Last EDR Contact: 12/12/2016  
Number of Days to Update: 49      Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011      Source: USGS  
Date Data Arrived at EDR: 06/08/2011      Telephone: 703-648-7709  
Date Made Active in Reports: 09/13/2011      Last EDR Contact: 12/02/2016  
Number of Days to Update: 97      Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/15/2016      Source: EPA  
Date Data Arrived at EDR: 09/07/2016      Telephone: (415) 947-8000  
Date Made Active in Reports: 11/11/2016      Last EDR Contact: 12/06/2016  
Number of Days to Update: 65      Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016      Source: Environmental Protection Agency  
Date Data Arrived at EDR: 06/03/2016      Telephone: 202-564-0527  
Date Made Active in Reports: 09/02/2016      Last EDR Contact: 11/28/2016  
Number of Days to Update: 91      Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015      Source: Department of Defense  
Date Data Arrived at EDR: 01/29/2016      Telephone: 571-373-0407  
Date Made Active in Reports: 04/05/2016      Last EDR Contact: 01/20/2017  
Number of Days to Update: 67      Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Varies

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989      Source: Department of Health Services  
Date Data Arrived at EDR: 07/27/1994      Telephone: 916-255-2118  
Date Made Active in Reports: 08/02/1994      Last EDR Contact: 05/31/1994  
Number of Days to Update: 6      Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/26/2016  
Date Data Arrived at EDR: 09/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 12/28/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Quarterly

## DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/02/2016  
Date Data Arrived at EDR: 09/27/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 79

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Annually

## EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 09/23/2016  
Date Made Active in Reports: 10/24/2016  
Number of Days to Update: 31

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 12/23/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Varies

## ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 12/06/2016  
Date Data Arrived at EDR: 12/09/2016  
Date Made Active in Reports: 01/18/2017  
Number of Days to Update: 40

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016  
Date Data Arrived at EDR: 04/29/2016  
Date Made Active in Reports: 06/21/2016  
Number of Days to Update: 53

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/16/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 01/20/2017  
Number of Days to Update: 63

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Varies

## HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 10/12/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 64

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Annually

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/21/2016  
Date Data Arrived at EDR: 11/22/2016  
Date Made Active in Reports: 01/23/2017  
Number of Days to Update: 62

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/21/2016  
Date Data Arrived at EDR: 11/22/2016  
Date Made Active in Reports: 01/23/2017  
Number of Days to Update: 62

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/12/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 01/11/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Quarterly

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-322-1080  
Last EDR Contact: 01/13/2017  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Varies

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/06/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 37

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/16/2016  
Date Data Arrived at EDR: 05/18/2016  
Date Made Active in Reports: 06/23/2016  
Number of Days to Update: 36

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 11/15/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/06/2016  
Date Data Arrived at EDR: 09/07/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 37

Source: Department of Pesticide Regulation  
Telephone: 916-445-4038  
Last EDR Contact: 12/06/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 12/14/2016  
Next Scheduled EDR Contact: 12/26/2016  
Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2016  
Date Data Arrived at EDR: 09/20/2016  
Date Made Active in Reports: 12/16/2016  
Number of Days to Update: 87

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 12/16/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: No Update Planned

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 07/06/2016  
Date Data Arrived at EDR: 09/14/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 12/14/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/15/2015  
Date Data Arrived at EDR: 04/17/2015  
Date Made Active in Reports: 06/23/2015  
Number of Days to Update: 67

Source: RWQCB, Central Valley Region  
Telephone: 559-445-5577  
Last EDR Contact: 01/13/2017  
Next Scheduled EDR Contact: 04/24/2047  
Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009  
Date Data Arrived at EDR: 07/21/2009  
Date Made Active in Reports: 08/03/2009  
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 09/02/2016  
Number of Days to Update: 81

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016  
Date Data Arrived at EDR: 09/20/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 12/20/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/21/2016  
Date Data Arrived at EDR: 11/22/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 73

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 11/22/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## EDR Hist Auto: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/14/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 35

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 01/06/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/10/2016  
Date Data Arrived at EDR: 10/12/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 90

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA Facility List

Cupa Facility List

Date of Government Version: 11/10/2016  
Date Data Arrived at EDR: 12/13/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 9

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA Facility Listing

Cupa facility list.

Date of Government Version: 10/21/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 23

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: No Update Planned

### CALVERAS COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility Listing

### Cupa Facility Listing

Date of Government Version: 10/25/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 22

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 12/27/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA Facility List

#### Cupa facility list.

Date of Government Version: 09/02/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 38

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 02/06/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Varies

## CONTRA COSTA COUNTY:

### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/17/2016  
Date Data Arrived at EDR: 11/22/2016  
Date Made Active in Reports: 01/26/2017  
Number of Days to Update: 65

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

### CUPA Facility List

#### Cupa Facility list

Date of Government Version: 11/01/2016  
Date Data Arrived at EDR: 11/03/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 19

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA Facility List

#### CUPA facility list.

Date of Government Version: 11/22/2016  
Date Data Arrived at EDR: 11/23/2016  
Date Made Active in Reports: 01/17/2017  
Number of Days to Update: 55

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## FRESNO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/11/2016  
Date Data Arrived at EDR: 10/14/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 35

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 01/03/2017  
Next Scheduled EDR Contact: 04/17/2017  
Data Release Frequency: Semi-Annually

## HUMBOLDT COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 10/25/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 22

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## IMPERIAL COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 10/24/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 11/18/2016  
Number of Days to Update: 22

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013  
Date Data Arrived at EDR: 09/11/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 33

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 11/08/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 63

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 02/06/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Quarterly

## KINGS COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/14/2016  
Date Data Arrived at EDR: 12/16/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 6

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 09/08/2016  
Date Data Arrived at EDR: 09/09/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 35

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 01/17/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 12/15/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/14/2016  
Date Data Arrived at EDR: 11/18/2016  
Date Made Active in Reports: 01/23/2017  
Number of Days to Update: 66

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/17/2016  
Date Data Arrived at EDR: 10/18/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 58

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 01/18/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Varies

### City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016  
Date Data Arrived at EDR: 01/26/2016  
Date Made Active in Reports: 03/22/2016  
Number of Days to Update: 56

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 01/17/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016	Source: Community Health Services
Date Data Arrived at EDR: 04/06/2016	Telephone: 323-890-7806
Date Made Active in Reports: 06/13/2016	Last EDR Contact: 01/17/2017
Number of Days to Update: 68	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 310-524-2236
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 01/17/2017
Number of Days to Update: 11	Next Scheduled EDR Contact: 05/01/2017
	Data Release Frequency: Semi-Annually

## City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 11/13/2015	Telephone: 562-570-2563
Date Made Active in Reports: 12/17/2015	Last EDR Contact: 01/23/2017
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/04/2016	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/11/2016	Telephone: 310-618-2973
Date Made Active in Reports: 01/12/2017	Last EDR Contact: 01/09/2017
Number of Days to Update: 93	Next Scheduled EDR Contact: 04/24/2017
	Data Release Frequency: Semi-Annually

## MADERA COUNTY:

### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/05/2016	Source: Madera County Environmental Health
Date Data Arrived at EDR: 12/09/2016	Telephone: 559-675-7823
Date Made Active in Reports: 01/19/2017	Last EDR Contact: 11/16/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/06/2017
	Data Release Frequency: Varies

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/19/2016	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/25/2016	Telephone: 415-499-6647
Date Made Active in Reports: 01/12/2017	Last EDR Contact: 01/17/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Semi-Annually

## MERCED COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

CUPA facility list.

Date of Government Version: 12/02/2016  
Date Data Arrived at EDR: 12/06/2016  
Date Made Active in Reports: 01/17/2017  
Number of Days to Update: 42

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## MONO COUNTY:

### CUPA Facility List

CUPA Facility List

Date of Government Version: 11/29/2016  
Date Data Arrived at EDR: 12/05/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 17

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016  
Date Data Arrived at EDR: 06/27/2016  
Date Made Active in Reports: 08/09/2016  
Number of Days to Update: 43

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## NAPA COUNTY:

### Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011  
Date Data Arrived at EDR: 12/06/2011  
Date Made Active in Reports: 02/07/2012  
Number of Days to Update: 63

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: No Update Planned

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008  
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA Facility List

CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 11/08/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 44

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/03/2016  
Date Data Arrived at EDR: 11/11/2016  
Date Made Active in Reports: 01/23/2017  
Number of Days to Update: 73

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/06/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2016  
Date Data Arrived at EDR: 11/11/2016  
Date Made Active in Reports: 01/23/2017  
Number of Days to Update: 73

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 02/06/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Quarterly

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/03/2016  
Date Data Arrived at EDR: 11/08/2016  
Date Made Active in Reports: 01/12/2017  
Number of Days to Update: 65

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/08/2016  
Next Scheduled EDR Contact: 02/20/2017  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016  
Date Data Arrived at EDR: 09/06/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 38

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/20/2016  
Date Data Arrived at EDR: 10/25/2016  
Date Made Active in Reports: 12/15/2016  
Number of Days to Update: 51

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 12/19/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/20/2016	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/25/2016	Telephone: 951-358-5055
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 12/19/2016
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/03/2017
	Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/22/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/04/2016	Telephone: 916-875-8406
Date Made Active in Reports: 11/18/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 45	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

### Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/22/2016	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 10/04/2016	Telephone: 916-875-8406
Date Made Active in Reports: 12/16/2016	Last EDR Contact: 01/05/2017
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/06/2016	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 09/07/2016	Telephone: 909-387-3041
Date Made Active in Reports: 10/19/2016	Last EDR Contact: 02/06/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/22/2017
	Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 09/24/2013	Telephone: 619-338-2268
Date Made Active in Reports: 10/17/2013	Last EDR Contact: 12/06/2016
Number of Days to Update: 23	Next Scheduled EDR Contact: 03/20/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015  
Date Data Arrived at EDR: 11/07/2015  
Date Made Active in Reports: 01/04/2016  
Number of Days to Update: 58

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 02/03/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Quarterly

### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/16/2016  
Date Data Arrived at EDR: 11/21/2016  
Date Made Active in Reports: 01/12/2017  
Number of Days to Update: 52

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 02/06/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/21/2016  
Date Data Arrived at EDR: 09/22/2016  
Date Made Active in Reports: 10/18/2016  
Number of Days to Update: 26

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 12/15/2016  
Next Scheduled EDR Contact: 04/03/2017  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/17/2016  
Date Data Arrived at EDR: 11/21/2016  
Date Made Active in Reports: 01/19/2017  
Number of Days to Update: 59

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SAN MATEO COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/02/2016  
Date Data Arrived at EDR: 06/07/2016  
Date Made Active in Reports: 06/22/2016  
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 01/30/2017  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Annually

## Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016  
Date Data Arrived at EDR: 06/13/2016  
Date Made Active in Reports: 08/09/2016  
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

### Cupa Facility List

Cupa facility list

Date of Government Version: 11/16/2016  
Date Data Arrived at EDR: 11/21/2016  
Date Made Active in Reports: 01/19/2017  
Number of Days to Update: 59

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 11/28/2016  
Next Scheduled EDR Contact: 03/13/2017  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 11/10/2016  
Date Made Active in Reports: 01/24/2017  
Number of Days to Update: 75

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 02/06/2017  
Next Scheduled EDR Contact: 05/22/2017  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/16/2016  
Date Data Arrived at EDR: 11/21/2016  
Date Made Active in Reports: 01/19/2017  
Number of Days to Update: 59

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 11/16/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 09/12/2016  
Date Data Arrived at EDR: 09/15/2016  
Date Made Active in Reports: 10/14/2016  
Number of Days to Update: 29

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Varies

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016  
Date Data Arrived at EDR: 12/21/2016  
Date Made Active in Reports: 12/22/2016  
Number of Days to Update: 1

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016  
Date Data Arrived at EDR: 12/22/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 19

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 12/09/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Cupa Facility List

Cupa Facility list

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/27/2016  
Date Data Arrived at EDR: 09/28/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 55

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Varies

## Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/04/2016  
Date Data Arrived at EDR: 10/06/2016  
Date Made Active in Reports: 12/16/2016  
Number of Days to Update: 71

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 12/22/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2016  
Date Data Arrived at EDR: 12/06/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 35

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 12/02/2016  
Next Scheduled EDR Contact: 03/20/2017  
Data Release Frequency: Semi-Annually

## TUOLUMNE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 10/27/2016  
Date Data Arrived at EDR: 10/28/2016  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 74

Source: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Varies

## VENTURA COUNTY:

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2016  
Date Data Arrived at EDR: 10/27/2016  
Date Made Active in Reports: 01/17/2017  
Number of Days to Update: 82

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 01/23/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011  
Date Data Arrived at EDR: 12/01/2011  
Date Made Active in Reports: 01/19/2012  
Number of Days to Update: 49

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 12/30/2016  
Next Scheduled EDR Contact: 04/10/2017  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/14/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/27/2017
	Data Release Frequency: Quarterly

## Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2016	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/27/2016	Telephone: 805-654-2813
Date Made Active in Reports: 01/24/2017	Last EDR Contact: 01/23/2017
Number of Days to Update: 89	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Quarterly

## Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2016	Source: Environmental Health Division
Date Data Arrived at EDR: 12/14/2016	Telephone: 805-654-2813
Date Made Active in Reports: 01/12/2017	Last EDR Contact: 12/14/2016
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/27/2017
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 11/14/2016	Source: Yolo County Department of Health
Date Data Arrived at EDR: 11/18/2016	Telephone: 530-666-8646
Date Made Active in Reports: 01/12/2017	Last EDR Contact: 01/03/2017
Number of Days to Update: 55	Next Scheduled EDR Contact: 04/17/2017
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 10/28/2016	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 11/03/2016	Telephone: 530-749-7523
Date Made Active in Reports: 12/15/2016	Last EDR Contact: 01/30/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/08/2017
	Data Release Frequency: Varies

## **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/11/2016  
Next Scheduled EDR Contact: 02/27/2017  
Data Release Frequency: No Update Planned

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 09/29/2016  
Date Made Active in Reports: 01/03/2017  
Number of Days to Update: 96

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/09/2017  
Next Scheduled EDR Contact: 04/24/2017  
Data Release Frequency: Annually

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2016  
Date Data Arrived at EDR: 11/02/2016  
Date Made Active in Reports: 01/04/2017  
Number of Days to Update: 63

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 02/01/2017  
Next Scheduled EDR Contact: 05/08/2017  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 07/22/2016  
Date Made Active in Reports: 11/22/2016  
Number of Days to Update: 123

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/12/2017  
Next Scheduled EDR Contact: 05/01/2017  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/19/2015  
Date Made Active in Reports: 07/15/2015  
Number of Days to Update: 26

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/21/2016  
Next Scheduled EDR Contact: 03/06/2017  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 04/14/2016  
Date Made Active in Reports: 06/03/2016  
Number of Days to Update: 50

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/12/2016  
Next Scheduled EDR Contact: 03/27/2017  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

## Electric Power Transmission Line Data

Source: PennWell Corporation

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## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

265-ACRE BREA PROPERTY  
VALENCIA AVENUE  
BREA, CA 92823

### TARGET PROPERTY COORDINATES

Latitude (North):	33.922355 - 33° 55' 20.48"
Longitude (West):	117.844415 - 117° 50' 39.89"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	421946.4
UTM Y (Meters):	3753673.8
Elevation:	526 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5640946 YORBA LINDA, CA
Version Date:	2012
West Map:	5640256 LA HABRA, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

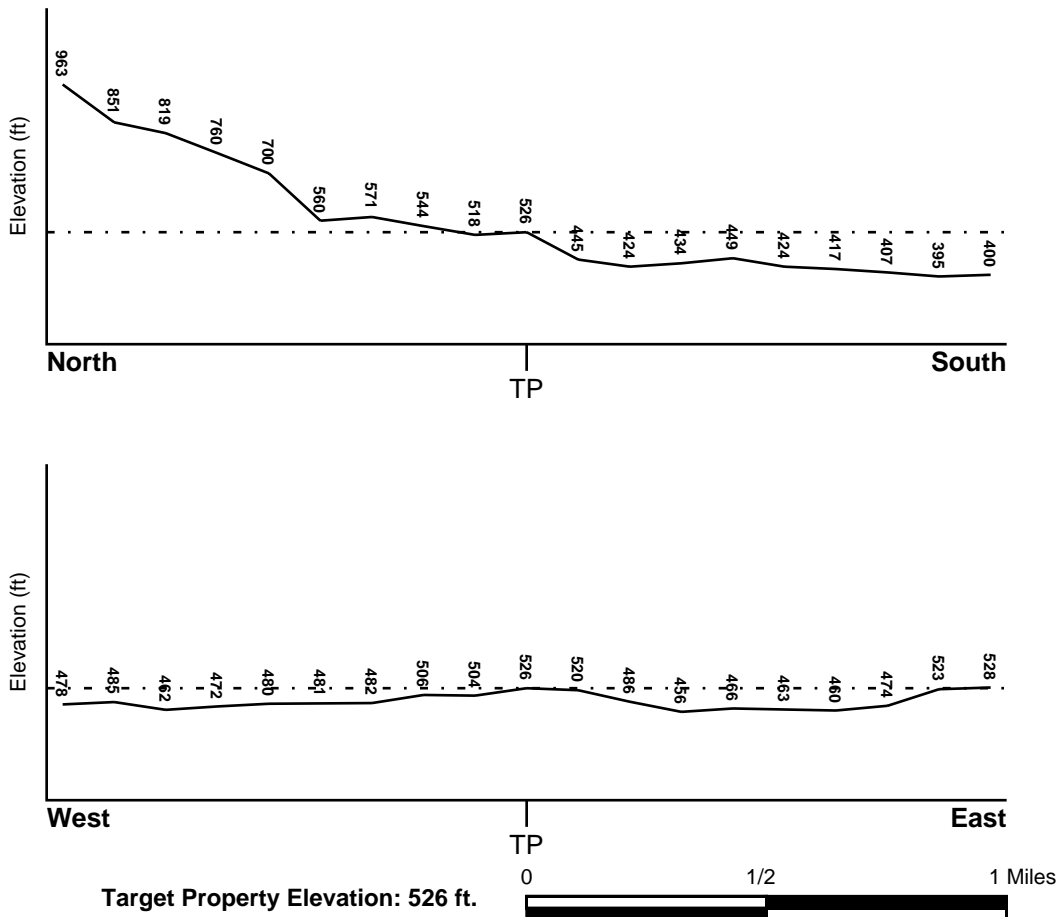
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06037C1900F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
YORBA LINDA	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **Site-Specific Hydrogeological Data\*:**

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

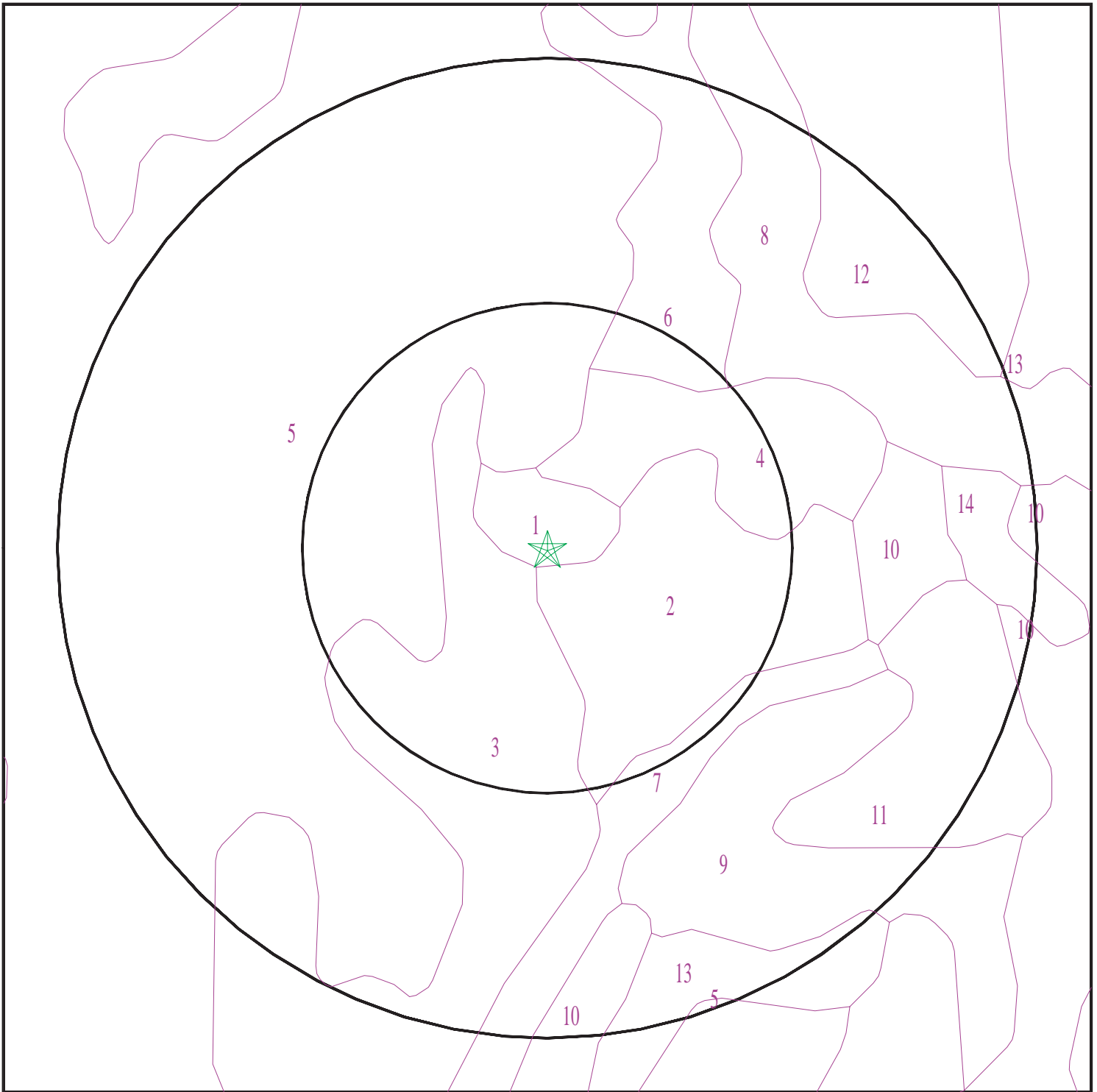
Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm (decoded above as Era, System & Series)

#### **GEOLOGIC AGE IDENTIFICATION**

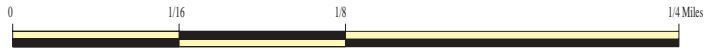
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 4848184.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 265-Acre Brea Property  
ADDRESS: Valencia Avenue  
Brea CA 92823  
LAT/LONG: 33.922355 / 117.844415

CLIENT: Northgate Env. Management Inc.  
CONTACT: Nancy Leitner  
INQUIRY #: 4848184.2s  
DATE: February 07, 2017 8:17 pm

H-369

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: BALCOM

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	29 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

#### Soil Map ID: 2

Soil Component Name: YORBA

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Not reported	Not reported	Max: 42 Min: 4	Max: 6.5 Min: 5.6
2	11 inches	40 inches	very gravelly sandy clay loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 5.6
3	40 inches	62 inches	very gravelly sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 5.1

### Soil Map ID: 3

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	11 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	11 inches	20 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	20 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	64 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

### Soil Map ID: 4

Soil Component Name: YORBA

Soil Surface Texture: very cobbly sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	very cobbly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 6.5 Min: 5.6
2	11 inches	40 inches	very gravelly sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 1.4 Min: 0.42	Max: 6.5 Min: 5.6
3	40 inches	62 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 8.4 Min: 5.1

### Soil Map ID: 5

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

**Soil Map ID: 6**

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 7

Soil Component Name: SAN EMIGDIO

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	7 inches	61 inches	stratified gravelly loamy coarse sand to very fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.9

### Soil Map ID: 8

Soil Component Name: METZ

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	16 inches	62 inches	stratified sand to fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

**Soil Map ID: 9**

Soil Component Name: ANAHEIM

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 7.8 Min: 6.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	25 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 10

Soil Component Name: CALLEGUAS

Soil Surface Texture: clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	14 inches	18 inches	weathered bedrock	Not reported	Not reported	Max: 1.4 Min: 0	Max: Min:

### Soil Map ID: 11

Soil Component Name: ALO

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	14 inches	22 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.1
2	22 inches	25 inches	weathered bedrock	Not reported	Not reported	Max: 1.4 Min: 0	Max: Min:
3	0 inches	14 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.1

### Soil Map ID: 12

Soil Component Name: SOPER

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	9 inches	29 inches	gravelly clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 7.8 Min: 6.1
3	29 inches	33 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 13

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

**Soil Map ID: 14**

Soil Component Name: OMNI

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
2	16 inches	59 inches	silty clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## OTHER STATE DATABASE INFORMATION

## **STATE OIL/GAS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CAOG11000198720	0 - 1/8 Mile East

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	CAOG11000198721	0 - 1/8 Mile East
A3	CAOG11000197200	0 - 1/8 Mile NW
A4	CAOG11000194514	0 - 1/8 Mile NW
A5	CAOG11000198256	0 - 1/8 Mile South
A6	CAOG11000198746	0 - 1/8 Mile SSE
A7	CAOG11000198747	0 - 1/8 Mile SSE
A8	CAOG11000198167	0 - 1/8 Mile SE
A9	CAOG11000196906	0 - 1/8 Mile ENE
A10	CAOG11000221922	0 - 1/8 Mile NNW
A11	CAOG11000196908	0 - 1/8 Mile SSW
A12	CAOG11000198716	0 - 1/8 Mile North
A13	CAOG11000198717	0 - 1/8 Mile North
A14	CAOG11000217748	0 - 1/8 Mile South
A15	CAOG11000198162	0 - 1/8 Mile NNE
A16	CAOG11000197473	0 - 1/8 Mile NNW
A17	CAOG11000198257	0 - 1/8 Mile East
A18	CAOG11000198258	0 - 1/8 Mile East
B19	CAOG11000197201	0 - 1/8 Mile West
A20	CAOG11000221637	0 - 1/8 Mile NE
A21	CAOG11000198274	0 - 1/8 Mile SSW
A22	CAOG11000198275	0 - 1/8 Mile SSW
A23	CAOG11000221920	0 - 1/8 Mile NNE
B24	CAOG11000194513	0 - 1/8 Mile NW
C25	CAOG11000197706	0 - 1/8 Mile NNW
D26	CAOG11000198742	0 - 1/8 Mile SSE
D27	CAOG11000198743	0 - 1/8 Mile SSE
B28	CAOG11000198724	0 - 1/8 Mile WSW
B29	CAOG11000198725	0 - 1/8 Mile WSW
D30	CAOG11000196909	0 - 1/8 Mile ESE
E31	CAOG11000198159	0 - 1/8 Mile East
C32	CAOG11000196912	0 - 1/8 Mile NNE
C33	CAOG11000197399	0 - 1/8 Mile NW
E34	CAOG11000197202	0 - 1/8 Mile NE
B35	CAOG11000198165	0 - 1/8 Mile West
B36	CAOG11000198166	0 - 1/8 Mile West
D37	CAOG11000221458	0 - 1/8 Mile South
D38	CAOG11000196807	0 - 1/8 Mile SSE
D39	CAOG11000196808	0 - 1/8 Mile SSE
D40	CAOG11000196910	0 - 1/8 Mile SE
F42	CAOG11000198713	0 - 1/8 Mile SSW
F41	CAOG11000198712	0 - 1/8 Mile SSW
F43	CAOG11000196907	0 - 1/8 Mile SW
B45	CAOG11000198723	1/8 - 1/4 Mile WSW
B44	CAOG11000198722	1/8 - 1/4 Mile WSW
D47	CAOG11000197341	1/8 - 1/4 Mile South
D46	CAOG11000197340	1/8 - 1/4 Mile South
F48	CAOG11000221462	1/8 - 1/4 Mile SW
G49	CAOG11000196815	1/8 - 1/4 Mile WNW
B50	CAOG11000198251	1/8 - 1/4 Mile SW
B51	CAOG11000198250	1/8 - 1/4 Mile SW
B53	CAOG11000198252	1/8 - 1/4 Mile SW
B52	CAOG11000198253	1/8 - 1/4 Mile SW
D54	CAOG11000221459	1/8 - 1/4 Mile SE
B55	CAOG11000222346	1/8 - 1/4 Mile WSW
B57	CAOG11000198273	1/8 - 1/4 Mile WNW
B56	CAOG11000198272	1/8 - 1/4 Mile WNW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C58	CAOG11000197199	1/8 - 1/4 Mile NNW
C59	CAOG11000197195	1/8 - 1/4 Mile North
H61	CAOG11000198745	1/8 - 1/4 Mile SW
H60	CAOG11000198744	1/8 - 1/4 Mile SW
E62	CAOG11000196913	1/8 - 1/4 Mile East
I64	CAOG11000198260	1/8 - 1/4 Mile ENE
I63	CAOG11000198259	1/8 - 1/4 Mile ENE
B66	CAOG11000198161	1/8 - 1/4 Mile West
B65	CAOG11000198160	1/8 - 1/4 Mile West
D68	CAOG11000198741	1/8 - 1/4 Mile SE
D67	CAOG11000198740	1/8 - 1/4 Mile SE
G69	CAOG11000198163	1/8 - 1/4 Mile NW
G70	CAOG11000198164	1/8 - 1/4 Mile NW
C71	CAOG11000221923	1/8 - 1/4 Mile NW
G72	CAOG11000198718	1/8 - 1/4 Mile WNW
G73	CAOG11000198719	1/8 - 1/4 Mile WNW
H74	CAOG11000198254	1/8 - 1/4 Mile WSW
H75	CAOG11000198255	1/8 - 1/4 Mile WSW
J76	CAOG11000197193	1/8 - 1/4 Mile NNE
B77	CAOG11000197299	1/8 - 1/4 Mile West
J78	CAOG11000197534	1/8 - 1/4 Mile NNE
J79	CAOG11000197535	1/8 - 1/4 Mile NNE
J80	CAOG11000197698	1/8 - 1/4 Mile North
H81	CAOG11000221635	1/8 - 1/4 Mile WSW
F82	CAOG11000198710	1/8 - 1/4 Mile SW
F83	CAOG11000198711	1/8 - 1/4 Mile SW
D85	CAOG11000197326	1/8 - 1/4 Mile SSE
D84	CAOG11000197325	1/8 - 1/4 Mile SSE
C86	CAOG11000197196	1/8 - 1/4 Mile NNW
J87	CAOG11000221919	1/8 - 1/4 Mile NE
H89	CAOG11000198739	1/8 - 1/4 Mile SW
H88	CAOG11000198738	1/8 - 1/4 Mile SW
J90	CAOG11000197192	1/8 - 1/4 Mile NNE
G92	CAOG11000198715	1/8 - 1/4 Mile WNW
G91	CAOG11000198714	1/8 - 1/4 Mile WNW
J93	CAOG11000196943	1/8 - 1/4 Mile North
J94	CAOG11000197128	1/8 - 1/4 Mile North
J95	CAOG11000197127	1/8 - 1/4 Mile NNE
E96	CAOG11000221636	1/8 - 1/4 Mile ESE
K97	CAOG11000196911	1/8 - 1/4 Mile SE
K98	CAOG11000197342	1/8 - 1/4 Mile SSE
G100	CAOG11000196817	1/8 - 1/4 Mile WNW
G99	CAOG11000196816	1/8 - 1/4 Mile WNW
L101	CAOG11000197697	1/8 - 1/4 Mile NNW
G102	CAOG11000222004	1/8 - 1/4 Mile WNW
K104	CAOG11000197350	1/8 - 1/4 Mile SE
K103	CAOG11000197349	1/8 - 1/4 Mile SE
J105	CAOG11000197191	1/8 - 1/4 Mile NE
L106	CAOG11000197133	1/8 - 1/4 Mile NNW
K108	CAOG11000197790	1/8 - 1/4 Mile ESE
K107	CAOG11000197789	1/8 - 1/4 Mile ESE
F109	CAOG11000198730	1/8 - 1/4 Mile SSW
F110	CAOG11000198731	1/8 - 1/4 Mile SSW
F111	CAOG11000196813	1/8 - 1/4 Mile South
F112	CAOG11000196814	1/8 - 1/4 Mile South
J113	CAOG11000197126	1/8 - 1/4 Mile NNE

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G114	CAOG11000197198	1/8 - 1/4 Mile NW
F115	CAOG11000197347	1/8 - 1/4 Mile SSW
F116	CAOG11000197348	1/8 - 1/4 Mile SSW
J117	CAOG11000198772	1/8 - 1/4 Mile North
J118	CAOG11000221918	1/8 - 1/4 Mile NE
H119	CAOG11000221461	1/8 - 1/4 Mile WSW
M120	CAOG11000221460	1/8 - 1/4 Mile SSE
J121	CAOG11000197652	1/8 - 1/4 Mile North
G122	CAOG11000221921	1/8 - 1/4 Mile NW
M123	CAOG11000196812	1/8 - 1/4 Mile South
N124	CAOG11000196920	1/8 - 1/4 Mile West
I125	CAOG11000197197	1/8 - 1/4 Mile ENE
L126	CAOG11000197686	1/8 - 1/4 Mile North
O127	CAOG11000196811	1/8 - 1/4 Mile SSW
N128	CAOG11000194529	1/8 - 1/4 Mile WSW
P129	CAOG11000197194	1/8 - 1/4 Mile NE
M131	CAOG11000197344	1/8 - 1/4 Mile SSE
M130	CAOG11000197343	1/8 - 1/4 Mile SSE
P132	CAOG11000222255	1/8 - 1/4 Mile NE
G134	CAOG11000196819	1/8 - 1/4 Mile WNW
G133	CAOG11000196818	1/8 - 1/4 Mile WNW
H135	CAOG11000194522	1/8 - 1/4 Mile WSW
N136	CAOG11000196930	1/8 - 1/4 Mile West
N137	CAOG11000198286	1/8 - 1/4 Mile West
N138	CAOG11000221640	1/8 - 1/4 Mile West
O139	CAOG11000198736	1/8 - 1/4 Mile South
O140	CAOG11000198737	1/8 - 1/4 Mile South
P141	CAOG11000197125	1/8 - 1/4 Mile NE
Q142	CAOG11000196947	1/8 - 1/4 Mile North
L143	CAOG11000197137	1/8 - 1/4 Mile NW
R144	CAOG11000198640	1/8 - 1/4 Mile East
J145	CAOG11000196945	1/8 - 1/4 Mile NNE
R147	CAOG11000197431	1/8 - 1/4 Mile East
R146	CAOG11000197430	1/8 - 1/4 Mile East
L148	CAOG11000197684	1/8 - 1/4 Mile NNW
O150	CAOG11000198735	1/8 - 1/4 Mile SSW
O149	CAOG11000198734	1/8 - 1/4 Mile SSW
N151	CAOG11000221643	1/8 - 1/4 Mile WNW
L152	CAOG11000221704	1/8 - 1/4 Mile NNW
K153	CAOG11000196809	1/8 - 1/4 Mile ESE
R154	CAOG11000197891	1/8 - 1/4 Mile East
R155	CAOG11000197892	1/8 - 1/4 Mile East
R157	CAOG11000198201	1/8 - 1/4 Mile East
R156	CAOG11000198200	1/8 - 1/4 Mile East
O159	CAOG11000198733	1/8 - 1/4 Mile SSW
O158	CAOG11000198732	1/8 - 1/4 Mile SSW
O160	CAOG11000198652	1/8 - 1/4 Mile SSW
S161	CAOG11000222003	1/8 - 1/4 Mile NW
S162	CAOG11000194528	1/8 - 1/4 Mile WNW
P163	CAOG11000221917	1/8 - 1/4 Mile NE
K164	CAOG11000221430	1/8 - 1/4 Mile SE
P165	CAOG11000197190	1/8 - 1/4 Mile NE
O166	CAOG11000221463	1/8 - 1/4 Mile SSW
L167	CAOG11000198642	1/8 - 1/4 Mile NNW
T169	CAOG11000198651	1/8 - 1/4 Mile South
T168	CAOG11000198650	1/8 - 1/4 Mile South

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
P170	CAOG11000197129	1/8 - 1/4 Mile ENE
U171	CAOG11000221642	1/8 - 1/4 Mile WSW
O172	CAOG11000196810	1/8 - 1/4 Mile SW
P173	CAOG11000197124	1/8 - 1/4 Mile NE
L174	CAOG11000196946	1/8 - 1/4 Mile NNW
S175	CAOG11000197142	1/8 - 1/4 Mile NW
S176	CAOG11000197607	1/8 - 1/4 Mile NW
S177	CAOG11000197608	1/8 - 1/4 Mile NW
Q178	CAOG11000222254	1/8 - 1/4 Mile NNE
O179	CAOG11000197323	1/8 - 1/4 Mile SSW
O180	CAOG11000197324	1/8 - 1/4 Mile SSW
O181	CAOG11000222132	1/8 - 1/4 Mile South
O182	CAOG11000222133	1/8 - 1/4 Mile South
U183	CAOG11000221669	1/8 - 1/4 Mile SW
Q185	CAOG11000197690	1/8 - 1/4 Mile North
Q184	CAOG11000197689	1/8 - 1/4 Mile North
S186	CAOG11000194505	1/4 - 1/2 Mile NW
S187	CAOG11000196917	1/4 - 1/2 Mile NW
O188	CAOG11000221431	1/4 - 1/2 Mile SSW
N189	CAOG11000221654	1/4 - 1/2 Mile West
T190	CAOG11000197345	1/4 - 1/2 Mile South
T191	CAOG11000197346	1/4 - 1/2 Mile South
N192	CAOG11000194589	1/4 - 1/2 Mile West
S193	CAOG11000197696	1/4 - 1/2 Mile NW
O194	CAOG11000198572	1/4 - 1/2 Mile SSW
U195	CAOG11000198287	1/4 - 1/2 Mile WSW
V196	CAOG11000196944	1/4 - 1/2 Mile NNE
W197	CAOG11000222377	1/4 - 1/2 Mile ESE
W198	CAOG11000222378	1/4 - 1/2 Mile ESE
X199	CAOG11000197687	1/4 - 1/2 Mile NNW
X200	CAOG11000197688	1/4 - 1/2 Mile NNW
T202	CAOG11000198578	1/4 - 1/2 Mile South
T201	CAOG11000198577	1/4 - 1/2 Mile South
O203	CAOG11000198573	1/4 - 1/2 Mile SSW
O204	CAOG11000198574	1/4 - 1/2 Mile SSW
U205	CAOG11000221644	1/4 - 1/2 Mile WSW
Q206	CAOG11000198639	1/4 - 1/2 Mile North
V207	CAOG11000197157	1/4 - 1/2 Mile NNE
Y208	CAOG11000197135	1/4 - 1/2 Mile ENE
W209	CAOG11000221429	1/4 - 1/2 Mile ESE
Z210	CAOG11000194520	1/4 - 1/2 Mile WNW
Y211	CAOG11000197134	1/4 - 1/2 Mile NE
S212	CAOG11000197145	1/4 - 1/2 Mile NW
U213	CAOG11000197851	1/4 - 1/2 Mile WSW
214	CAOG11000198704	1/4 - 1/2 Mile SE
X216	CAOG11000194686	1/4 - 1/2 Mile NNW
X215	CAOG11000194685	1/4 - 1/2 Mile NNW
X217	CAOG11000194687	1/4 - 1/2 Mile NNW
U218	CAOG11000197917	1/4 - 1/2 Mile WSW
U219	CAOG11000198019	1/4 - 1/2 Mile SW
S220	CAOG11000221638	1/4 - 1/2 Mile NW
W221	CAOG11000197267	1/4 - 1/2 Mile ESE
U222	CAOG11000198020	1/4 - 1/2 Mile SW
AA223	CAOG11000221432	1/4 - 1/2 Mile SSW
AA224	CAOG11000197352	1/4 - 1/2 Mile SSW
S225	CAOG11000197681	1/4 - 1/2 Mile NW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
U226	CAOG11000198047	1/4 - 1/2 Mile SW
T228	CAOG11000197843	1/4 - 1/2 Mile South
T227	CAOG11000197842	1/4 - 1/2 Mile South
U229	CAOG11000198135	1/4 - 1/2 Mile SW
X230	CAOG11000196951	1/4 - 1/2 Mile NNW
AB231	CAOG11000198550	1/4 - 1/2 Mile NW
AB232	CAOG11000196929	1/4 - 1/2 Mile NW
T234	CAOG11000197889	1/4 - 1/2 Mile South
T233	CAOG11000197888	1/4 - 1/2 Mile South
X235	CAOG11000198641	1/4 - 1/2 Mile NNW
AB236	CAOG11000221641	1/4 - 1/2 Mile NW
Z237	CAOG11000196919	1/4 - 1/2 Mile WNW
AC238	CAOG11000197650	1/4 - 1/2 Mile North
AC239	CAOG11000197651	1/4 - 1/2 Mile North
AD240	CAOG11000198041	1/4 - 1/2 Mile West
AC241	CAOG11000197693	1/4 - 1/2 Mile North
AC242	CAOG11000197694	1/4 - 1/2 Mile North
X243	CAOG11000196950	1/4 - 1/2 Mile North
X245	CAOG11000197692	1/4 - 1/2 Mile NNW
X244	CAOG11000197691	1/4 - 1/2 Mile NNW
AE246	CAOG11000198261	1/4 - 1/2 Mile SW
Z247	CAOG11000221653	1/4 - 1/2 Mile West
U248	CAOG11000221668	1/4 - 1/2 Mile WSW
AA249	CAOG11000198575	1/4 - 1/2 Mile SSW
AA250	CAOG11000198576	1/4 - 1/2 Mile SSW
AE251	CAOG11000198262	1/4 - 1/2 Mile SW
AA252	CAOG11000198646	1/4 - 1/2 Mile SSW
AA253	CAOG11000198647	1/4 - 1/2 Mile SSW
AB254	CAOG11000197216	1/4 - 1/2 Mile NW
AF255	CAOG11000196928	1/4 - 1/2 Mile WSW
AA256	CAOG11000221670	1/4 - 1/2 Mile SW
AG258	CAOG11000198649	1/4 - 1/2 Mile South
AG257	CAOG11000198648	1/4 - 1/2 Mile South
AC259	CAOG11000197156	1/4 - 1/2 Mile North
AA260	CAOG11000221671	1/4 - 1/2 Mile SW
AD261	CAOG11000196934	1/4 - 1/2 Mile West
AH262	CAOG11000197150	1/4 - 1/2 Mile NW
AE264	CAOG11000198316	1/4 - 1/2 Mile SW
AE263	CAOG11000198315	1/4 - 1/2 Mile SW
X266	CAOG11000198092	1/4 - 1/2 Mile NNW
X265	CAOG11000198091	1/4 - 1/2 Mile NNW
Z267	CAOG11000198553	1/4 - 1/2 Mile WNW
268	CAOG11000198708	1/4 - 1/2 Mile SSE
AE269	CAOG11000198244	1/4 - 1/2 Mile SW
AE270	CAOG11000198317	1/4 - 1/2 Mile SW
AE271	CAOG11000198318	1/4 - 1/2 Mile SW
AD272	CAOG11000194523	1/4 - 1/2 Mile WSW
V273	CAOG11000196953	1/4 - 1/2 Mile NE
V274	CAOG11000196954	1/4 - 1/2 Mile NE
AE275	CAOG11000196940	1/4 - 1/2 Mile SW
AE276	CAOG11000198728	1/4 - 1/2 Mile SW
AD277	CAOG11000194519	1/4 - 1/2 Mile West
AE278	CAOG11000198524	1/4 - 1/2 Mile SW
V279	CAOG11000196952	1/4 - 1/2 Mile NNE
AB280	CAOG11000196914	1/4 - 1/2 Mile NW
AH281	CAOG11000197695	1/4 - 1/2 Mile NNW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AI282	CAOG11000221705	1/4 - 1/2 Mile ENE
AI283	CAOG11000221706	1/4 - 1/2 Mile ENE
AB284	CAOG11000197682	1/4 - 1/2 Mile WNW
AB285	CAOG11000196932	1/4 - 1/2 Mile WNW
AA286	CAOG11000221658	1/4 - 1/2 Mile SSW
AG287	CAOG11000198702	1/4 - 1/2 Mile SSW
AG288	CAOG11000198703	1/4 - 1/2 Mile SSW
AH289	CAOG11000197155	1/4 - 1/2 Mile NNW
AB290	CAOG11000197315	1/4 - 1/2 Mile NW
AG292	CAOG11000197986	1/4 - 1/2 Mile South
AG291	CAOG11000197985	1/4 - 1/2 Mile South
AJ293	CAOG11000196960	1/4 - 1/2 Mile NNW
294	CAOG11000221933	1/4 - 1/2 Mile South
295	CAOG11000221707	1/4 - 1/2 Mile ENE
AD296	CAOG11000194524	1/4 - 1/2 Mile West
AJ297	CAOG11000196961	1/4 - 1/2 Mile NNW
AH298	CAOG11000197246	1/4 - 1/2 Mile NW
AB299	CAOG11000221639	1/4 - 1/2 Mile NW
300	CAOG11000222009	1/4 - 1/2 Mile SW
AH301	CAOG11000197774	1/4 - 1/2 Mile NW
AK302	CAOG11000197313	1/4 - 1/2 Mile NW
AL303	CAOG11000221944	1/4 - 1/2 Mile SSW
AF304	CAOG11000196936	1/4 - 1/2 Mile WSW
AM305	CAOG11000196927	1/4 - 1/2 Mile West
AM306	CAOG11000197270	1/4 - 1/2 Mile WNW
AN307	CAOG11000197146	1/4 - 1/2 Mile North
AF308	CAOG11000198288	1/4 - 1/2 Mile WSW
AC309	CAOG11000197147	1/4 - 1/2 Mile North
AO310	CAOG11000196955	1/4 - 1/2 Mile NE
AJ311	CAOG11000197154	1/4 - 1/2 Mile North
AM312	CAOG11000194518	1/4 - 1/2 Mile West
AK313	CAOG11000197271	1/4 - 1/2 Mile WNW
AN314	CAOG11000197148	1/4 - 1/2 Mile North
AP315	CAOG11000197149	1/4 - 1/2 Mile NNW
AQ316	CAOG11000197683	1/4 - 1/2 Mile WNW
AI317	CAOG11000221708	1/4 - 1/2 Mile ENE
AM318	CAOG11000221650	1/4 - 1/2 Mile West
AQ319	CAOG11000198760	1/4 - 1/2 Mile WNW
AK320	CAOG11000197308	1/4 - 1/2 Mile NW
AM322	CAOG11000198555	1/4 - 1/2 Mile West
AM321	CAOG11000198554	1/4 - 1/2 Mile West
AR323	CAOG11000198095	1/4 - 1/2 Mile WSW
AR324	CAOG11000197586	1/4 - 1/2 Mile WSW
AQ325	CAOG11000195104	1/4 - 1/2 Mile WNW
AK326	CAOG11000197314	1/4 - 1/2 Mile NW
AK327	CAOG11000221935	1/4 - 1/2 Mile WNW
AR328	CAOG11000198359	1/4 - 1/2 Mile WSW
AR329	CAOG11000198360	1/4 - 1/2 Mile WSW
AR330	CAOG11000221652	1/4 - 1/2 Mile WSW
AL331	CAOG11000221657	1/4 - 1/2 Mile SSW
AO332	CAOG11000197061	1/4 - 1/2 Mile NE
AK333	CAOG11000197316	1/4 - 1/2 Mile NW
AJ334	CAOG11000196957	1/4 - 1/2 Mile NNW
AR335	CAOG11000198729	1/4 - 1/2 Mile WSW
AR336	CAOG11000222006	1/4 - 1/2 Mile WSW
AS337	CAOG11000197130	1/4 - 1/2 Mile NNE

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AN338	CAOG11000196990	1/4 - 1/2 Mile North
AT339	CAOG11000197121	1/4 - 1/2 Mile NNE
AR340	CAOG11000222005	1/4 - 1/2 Mile WSW
AU341	CAOG11000196956	1/4 - 1/2 Mile NE
AN342	CAOG11000197296	1/4 - 1/2 Mile North
AL343	CAOG11000221932	1/4 - 1/2 Mile SSW
AN344	CAOG11000196725	1/4 - 1/2 Mile North
AT345	CAOG11000196726	1/4 - 1/2 Mile NNE
AR346	CAOG11000221651	1/4 - 1/2 Mile WSW
AK347	CAOG11000221936	1/4 - 1/2 Mile NW
AQ348	CAOG11000196915	1/4 - 1/2 Mile WNW
AM349	CAOG11000196939	1/4 - 1/2 Mile West
AV350	CAOG11000197151	1/4 - 1/2 Mile North
AS351	CAOG11000197120	1/4 - 1/2 Mile NNE
AN352	CAOG11000196729	1/4 - 1/2 Mile North
AP353	CAOG11000197219	1/4 - 1/2 Mile NNW
354	CAOG11000221659	1/4 - 1/2 Mile SW
AP355	CAOG11000197266	1/4 - 1/2 Mile NW
AO357	CAOG11000197919	1/4 - 1/2 Mile NE
AO356	CAOG11000197918	1/4 - 1/2 Mile NE
AO359	CAOG11000197132	1/4 - 1/2 Mile NE
AO358	CAOG11000197131	1/4 - 1/2 Mile NE
AO360	CAOG11000197059	1/4 - 1/2 Mile NE
AQ361	CAOG11000196933	1/4 - 1/2 Mile WNW
AM362	CAOG11000196925	1/4 - 1/2 Mile West
AO363	CAOG11000197058	1/4 - 1/2 Mile NE
AW364	CAOG11000194526	1/4 - 1/2 Mile WSW
AW365	CAOG11000196926	1/4 - 1/2 Mile West
AU366	CAOG11000222315	1/4 - 1/2 Mile ENE
AU367	CAOG11000222316	1/4 - 1/2 Mile ENE
AX368	CAOG11000196731	1/4 - 1/2 Mile North
AS369	CAOG11000197119	1/4 - 1/2 Mile NNE
AT370	CAOG11000197297	1/4 - 1/2 Mile NNE
AQ371	CAOG11000197317	1/4 - 1/2 Mile WNW
AY372	CAOG11000194517	1/4 - 1/2 Mile West
AQ374	CAOG11000198552	1/4 - 1/2 Mile WNW
AQ373	CAOG11000198551	1/4 - 1/2 Mile WNW
AS375	CAOG11000197062	1/4 - 1/2 Mile NE
AN376	CAOG11000196733	1/4 - 1/2 Mile North
AS377	CAOG11000196713	1/4 - 1/2 Mile NNE
AY378	CAOG11000196935	1/4 - 1/2 Mile WNW
AP379	CAOG11000197144	1/4 - 1/2 Mile NNW
AZ380	CAOG11000198645	1/4 - 1/2 Mile NW
AZ381	CAOG11000197310	1/4 - 1/2 Mile NW
AZ382	CAOG11000197304	1/4 - 1/2 Mile NW
AR383	CAOG11000196937	1/4 - 1/2 Mile WSW
AS384	CAOG11000196714	1/4 - 1/2 Mile NNE
AS385	CAOG11000196728	1/4 - 1/2 Mile NNE
AV386	CAOG11000196721	1/4 - 1/2 Mile North
BA387	CAOG11000197236	1/4 - 1/2 Mile ENE
AS388	CAOG11000196988	1/4 - 1/2 Mile NNE
AX389	CAOG11000196727	1/4 - 1/2 Mile North
BB390	CAOG11000194573	1/4 - 1/2 Mile NNW
AS391	CAOG11000197118	1/4 - 1/2 Mile NE
AU392	CAOG11000197060	1/4 - 1/2 Mile NE
AV393	CAOG11000196949	1/4 - 1/2 Mile NNW



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AV394	CAOG11000197152	1/4 - 1/2 Mile North
BC395	CAOG11000196916	1/4 - 1/2 Mile WNW
BB396	CAOG11000198707	1/4 - 1/2 Mile NNW
AW397	CAOG11000198319	1/4 - 1/2 Mile West
BA398	CAOG11000197234	1/4 - 1/2 Mile ENE
AW399	CAOG11000221649	1/4 - 1/2 Mile WSW
BB400	CAOG11000197153	1/4 - 1/2 Mile NNW
AX401	CAOG11000197295	1/4 - 1/2 Mile North
AS402	CAOG11000196716	1/4 - 1/2 Mile NNE
BC403	CAOG11000222625	1/4 - 1/2 Mile WNW
BD404	CAOG11000197063	1/4 - 1/2 Mile NE
BC405	CAOG11000194530	1/4 - 1/2 Mile WNW
AS406	CAOG11000196717	1/4 - 1/2 Mile NNE
BE407	CAOG11000217285	1/4 - 1/2 Mile West
BF408	CAOG11000196730	1/4 - 1/2 Mile North
AX409	CAOG11000198118	1/4 - 1/2 Mile North
BB410	CAOG11000197305	1/4 - 1/2 Mile NW
BB411	CAOG11000197218	1/4 - 1/2 Mile NNW
BF412	CAOG11000197298	1/4 - 1/2 Mile North
AY413	CAOG11000221648	1/4 - 1/2 Mile West
BC414	CAOG11000222253	1/4 - 1/2 Mile WNW
AW415	CAOG11000198556	1/4 - 1/2 Mile WSW
BD416	CAOG11000196989	1/4 - 1/2 Mile NE
BE417	CAOG11000196924	1/4 - 1/2 Mile West
BE418	CAOG11000197269	1/4 - 1/2 Mile West
419	CAOG11000222026	1/4 - 1/2 Mile ESE
BC420	CAOG11000197247	1/4 - 1/2 Mile WNW
AZ421	CAOG11000194688	1/4 - 1/2 Mile NW
BG422	CAOG11000197223	1/2 - 1 Mile ENE
BG423	CAOG11000305955	1/2 - 1 Mile NE
AX424	CAOG11000196722	1/2 - 1 Mile North
AZ425	CAOG11000222620	1/2 - 1 Mile NW
BD426	CAOG11000197064	1/2 - 1 Mile NE
BF427	CAOG11000196720	1/2 - 1 Mile North
BH428	CAOG11000194531	1/2 - 1 Mile WNW
BI429	CAOG11000198093	1/2 - 1 Mile NNW
BI430	CAOG11000198094	1/2 - 1 Mile NNW
BD431	CAOG11000196723	1/2 - 1 Mile NE
AX432	CAOG11000196715	1/2 - 1 Mile North
BI433	CAOG11000197141	1/2 - 1 Mile NNW
BJ434	CAOG11000197318	1/2 - 1 Mile NW
BI435	CAOG11000196959	1/2 - 1 Mile NNW
BF436	CAOG11000196734	1/2 - 1 Mile North
BB437	CAOG11000197321	1/2 - 1 Mile NNW
AZ438	CAOG11000197253	1/2 - 1 Mile NW
BD439	CAOG11000221419	1/2 - 1 Mile NE
BD440	CAOG11000221715	1/2 - 1 Mile NE
BC441	CAOG11000194515	1/2 - 1 Mile WNW
BF442	CAOG11000196942	1/2 - 1 Mile North
BK443	CAOG11000197122	1/2 - 1 Mile NE
BL444	CAOG11000197254	1/2 - 1 Mile NW
BA445	CAOG11000197235	1/2 - 1 Mile ENE
BG446	CAOG11000197284	1/2 - 1 Mile NE
BM447	CAOG11000197233	1/2 - 1 Mile ENE
448	CAOG11000196732	1/2 - 1 Mile North
BK449	CAOG11000197894	1/2 - 1 Mile NE

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BK450	CAOG11000197895	1/2 - 1 Mile NE
BF451	CAOG11000221420	1/2 - 1 Mile North
BI452	CAOG11000197217	1/2 - 1 Mile NNW
BN453	CAOG11000194689	1/2 - 1 Mile West
BF454	CAOG11000196719	1/2 - 1 Mile North
BG455	CAOG11000197896	1/2 - 1 Mile ENE
BG456	CAOG11000197897	1/2 - 1 Mile ENE
BO457	CAOG11000197312	1/2 - 1 Mile NNW
BP458	CAOG11000194527	1/2 - 1 Mile West
BC459	CAOG11000221624	1/2 - 1 Mile WNW
460	CAOG11000221656	1/2 - 1 Mile SW
BO461	CAOG11000197320	1/2 - 1 Mile NNW
BN462	CAOG11000196938	1/2 - 1 Mile WSW
BP463	CAOG11000221646	1/2 - 1 Mile West
BJ464	CAOG11000197311	1/2 - 1 Mile NW
BP465	CAOG11000196923	1/2 - 1 Mile West
BN466	CAOG11000217284	1/2 - 1 Mile West
BH467	CAOG11000196931	1/2 - 1 Mile WNW
BQ468	CAOG11000198191	1/2 - 1 Mile NNE
BJ469	CAOG11000197844	1/2 - 1 Mile NW
BJ470	CAOG11000197309	1/2 - 1 Mile NW
BI471	CAOG11000197140	1/2 - 1 Mile NNW
BJ472	CAOG11000222287	1/2 - 1 Mile NW
BK473	CAOG11000196735	1/2 - 1 Mile NE
474	CAOG11000222031	1/2 - 1 Mile SE
BM475	CAOG11000197224	1/2 - 1 Mile ENE
BN476	CAOG11000221647	1/2 - 1 Mile West
BK477	CAOG11000197123	1/2 - 1 Mile NE
BJ478	CAOG11000222024	1/2 - 1 Mile NW
BK479	CAOG11000196718	1/2 - 1 Mile NE
BH480	CAOG11000194521	1/2 - 1 Mile WNW
BI481	CAOG11000196941	1/2 - 1 Mile NNW
BG482	CAOG11000197286	1/2 - 1 Mile ENE
BL483	CAOG11000197252	1/2 - 1 Mile NW
BG484	CAOG11000197285	1/2 - 1 Mile ENE
BJ485	CAOG11000198706	1/2 - 1 Mile NW
BR486	CAOG11000197429	1/2 - 1 Mile NNW
BK487	CAOG11000197240	1/2 - 1 Mile NE
BK489	CAOG11000197242	1/2 - 1 Mile NE
BK490	CAOG11000197241	1/2 - 1 Mile NE
BK488	CAOG11000197239	1/2 - 1 Mile NE
BR491	CAOG11000196724	1/2 - 1 Mile North
BK492	CAOG11000197243	1/2 - 1 Mile NE
BQ493	CAOG11000221716	1/2 - 1 Mile NE
BS494	CAOG11000217282	1/2 - 1 Mile WNW
BJ495	CAOG11000197255	1/2 - 1 Mile NW
BJ496	CAOG11000194512	1/2 - 1 Mile NW
BR497	CAOG11000197294	1/2 - 1 Mile North
BT498	CAOG11000197249	1/2 - 1 Mile NW
BR499	CAOG11000197272	1/2 - 1 Mile NNW
500	CAOG11000222022	1/2 - 1 Mile South
BL501	CAOG11000221538	1/2 - 1 Mile NW
BT502	CAOG11000217434	1/2 - 1 Mile NW
BO503	CAOG11000221928	1/2 - 1 Mile NNW
BO504	CAOG11000222025	1/2 - 1 Mile NW
BL505	CAOG11000222268	1/2 - 1 Mile NW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BU506	CAOG11000197248	1/2 - 1 Mile NNW
BO507	CAOG11000197265	1/2 - 1 Mile NNW
BS508	CAOG11000221539	1/2 - 1 Mile WNW
BN509	CAOG11000197374	1/2 - 1 Mile West
BN510	CAOG11000197375	1/2 - 1 Mile West
BO511	CAOG11000197307	1/2 - 1 Mile NNW
BP512	CAOG11000196922	1/2 - 1 Mile West
BS513	CAOG11000198320	1/2 - 1 Mile WNW
BV514	CAOG11000194511	1/2 - 1 Mile NW
BR515	CAOG11000196958	1/2 - 1 Mile NNW
BU516	CAOG11000197138	1/2 - 1 Mile NNW
BS517	CAOG11000222507	1/2 - 1 Mile WNW
BT518	CAOG11000198705	1/2 - 1 Mile NW
BO519	CAOG11000197258	1/2 - 1 Mile NNW
BU520	CAOG11000221929	1/2 - 1 Mile NNW
BO521	CAOG11000197212	1/2 - 1 Mile NNW
BU522	CAOG11000221927	1/2 - 1 Mile NNW
BV523	CAOG11000197214	1/2 - 1 Mile NNW
BW524	CAOG11000196921	1/2 - 1 Mile West
BW525	CAOG11000194516	1/2 - 1 Mile WNW
BR526	CAOG11000196948	1/2 - 1 Mile NNW
BX527	CAOG11000197278	1/2 - 1 Mile ENE
BY528	CAOG11000197301	1/2 - 1 Mile NE
BY529	CAOG11000197281	1/2 - 1 Mile NE
BS530	CAOG11000217283	1/2 - 1 Mile WNW
BY531	CAOG11000197300	1/2 - 1 Mile NE
BZ532	CAOG11000221645	1/2 - 1 Mile West
BT533	CAOG11000197250	1/2 - 1 Mile NW
534	CAOG11000222379	1/2 - 1 Mile East
BX535	CAOG11000197231	1/2 - 1 Mile ENE
BX536	CAOG11000197232	1/2 - 1 Mile ENE
CA539	CAOG11000197276	1/2 - 1 Mile NE
CA538	CAOG11000197273	1/2 - 1 Mile NE
CA537	CAOG11000197274	1/2 - 1 Mile NE
CA540	CAOG11000197275	1/2 - 1 Mile NE
BS541	CAOG11000194525	1/2 - 1 Mile WNW
BV542	CAOG11000197256	1/2 - 1 Mile NW
BU543	CAOG11000221937	1/2 - 1 Mile NNW
BV544	CAOG11000197215	1/2 - 1 Mile NW
BY545	CAOG11000197606	1/2 - 1 Mile NE
BT546	CAOG11000221701	1/2 - 1 Mile NW
BV547	CAOG11000197319	1/2 - 1 Mile NW
BW548	CAOG11000221665	1/2 - 1 Mile West
BU549	CAOG11000197210	1/2 - 1 Mile NNW
BU550	CAOG11000197139	1/2 - 1 Mile NNW
BX551	CAOG11000197244	1/2 - 1 Mile ENE
BZ552	CAOG11000221667	1/2 - 1 Mile West
BU553	CAOG11000197213	1/2 - 1 Mile NNW
BR554	CAOG11000197277	1/2 - 1 Mile NNW
CB555	CAOG11000221930	1/2 - 1 Mile NNW
CC556	CAOG11000196918	1/2 - 1 Mile WNW
BS558	CAOG11000222621	1/2 - 1 Mile WNW
BS557	CAOG11000222622	1/2 - 1 Mile WNW
BS560	CAOG11000222623	1/2 - 1 Mile WNW
BS559	CAOG11000222624	1/2 - 1 Mile WNW
CC561	CAOG11000221663	1/2 - 1 Mile WNW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
CD562	CAOG11000217286	1/2 - 1 Mile WNW
BU563	CAOG11000221926	1/2 - 1 Mile NNW
BZ564	CAOG11000221666	1/2 - 1 Mile WSW
CE565	CAOG11000218609	1/2 - 1 Mile NW
CB566	CAOG11000197261	1/2 - 1 Mile NNW
BY567	CAOG11000197279	1/2 - 1 Mile NE
568	CAOG11000197280	1/2 - 1 Mile NE
CD570	CAOG11000222247	1/2 - 1 Mile WNW
CD569	CAOG11000222246	1/2 - 1 Mile WNW
BY571	CAOG11000197222	1/2 - 1 Mile NE
CF572	CAOG11000197230	1/2 - 1 Mile ENE
573	CAOG11000221998	1/2 - 1 Mile ESE
BX574	CAOG11000197225	1/2 - 1 Mile ENE
CG575	CAOG11000221560	1/2 - 1 Mile NW
CG576	CAOG11000197251	1/2 - 1 Mile NW
CC577	CAOG11000221699	1/2 - 1 Mile WNW
CH578	CAOG11000197209	1/2 - 1 Mile NNW
CH579	CAOG11000197136	1/2 - 1 Mile NNW
CI580	CAOG11000197238	1/2 - 1 Mile ENE
CB581	CAOG11000197260	1/2 - 1 Mile NNW
CH582	CAOG11000197211	1/2 - 1 Mile NNW
CJ583	CAOG11000220767	1/2 - 1 Mile West
CF584	CAOG11000221995	1/2 - 1 Mile ENE
CH585	CAOG11000197143	1/2 - 1 Mile NNW
CI588	CAOG11000198559	1/2 - 1 Mile ENE
CI587	CAOG11000198558	1/2 - 1 Mile ENE
CI586	CAOG11000198557	1/2 - 1 Mile ENE
CI589	CAOG11000197432	1/2 - 1 Mile ENE
CI590	CAOG11000197433	1/2 - 1 Mile ENE
CB591	CAOG11000197306	1/2 - 1 Mile NNW
CF592	CAOG11000197289	1/2 - 1 Mile ENE
CK593	CAOG11000197257	1/2 - 1 Mile NW
CI594	CAOG11000197237	1/2 - 1 Mile ENE
CB595	CAOG11000197264	1/2 - 1 Mile NNW
CI596	CAOG11000197605	1/2 - 1 Mile ENE
CJ597	CAOG11000220762	1/2 - 1 Mile West
CE598	CAOG11000222153	1/2 - 1 Mile NW
CJ599	CAOG11000220760	1/2 - 1 Mile WNW
CL600	CAOG11000222267	1/2 - 1 Mile WNW
CM602	CAOG11000221542	1/2 - 1 Mile NW
CM601	CAOG11000221541	1/2 - 1 Mile NW
CN603	CAOG11000197226	1/2 - 1 Mile ENE
604	CAOG11000197263	1/2 - 1 Mile NNW
CG605	CAOG11000221960	1/2 - 1 Mile NW
CL606	CAOG11000221576	1/2 - 1 Mile WNW
CK607	CAOG11000221544	1/2 - 1 Mile NW
CO608	CAOG11000221662	1/2 - 1 Mile WNW
CP609	CAOG11000197287	1/2 - 1 Mile East
CP610	CAOG11000197229	1/2 - 1 Mile ENE
CG611	CAOG11000221491	1/2 - 1 Mile NW
CN612	CAOG11000198560	1/2 - 1 Mile ENE
CL613	CAOG11000222160	1/2 - 1 Mile WNW
CL614	CAOG11000222161	1/2 - 1 Mile WNW
CL615	CAOG11000222164	1/2 - 1 Mile WNW
CM617	CAOG11000222270	1/2 - 1 Mile NW
CM616	CAOG11000222269	1/2 - 1 Mile NW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
CN618	CAOG11000197685	1/2 - 1 Mile ENE
CO619	CAOG11000221543	1/2 - 1 Mile WNW
CN620	CAOG11000197228	1/2 - 1 Mile ENE
CM621	CAOG11000222522	1/2 - 1 Mile NW
CM622	CAOG11000222523	1/2 - 1 Mile NW
CQ623	CAOG11000221702	1/2 - 1 Mile NW
CK624	CAOG11000221535	1/2 - 1 Mile NW
CM625	CAOG11000222209	1/2 - 1 Mile NW
CL626	CAOG11000222163	1/2 - 1 Mile WNW
CP627	CAOG11000222010	1/2 - 1 Mile East
CO628	CAOG11000222243	1/2 - 1 Mile WNW
CQ629	CAOG11000222158	1/2 - 1 Mile WNW
CQ630	CAOG11000222159	1/2 - 1 Mile WNW
CK631	CAOG11000197259	1/2 - 1 Mile NW
CM632	CAOG11000222519	1/2 - 1 Mile NW
CM634	CAOG11000222521	1/2 - 1 Mile NW
CM633	CAOG11000222520	1/2 - 1 Mile NW
635	CAOG11000220764	1/2 - 1 Mile West
CP636	CAOG11000222017	1/2 - 1 Mile East
CR637	CAOG11000222517	1/2 - 1 Mile WNW
CR638	CAOG11000222518	1/2 - 1 Mile WNW
CP639	CAOG11000197292	1/2 - 1 Mile ENE
CR640	CAOG11000222516	1/2 - 1 Mile WNW
CS643	CAOG11000222612	1/2 - 1 Mile NW
CS642	CAOG11000222615	1/2 - 1 Mile NW
CS641	CAOG11000222614	1/2 - 1 Mile NW
CS644	CAOG11000222613	1/2 - 1 Mile NW
CS647	CAOG11000222616	1/2 - 1 Mile NW
CS648	CAOG11000222617	1/2 - 1 Mile NW
CS645	CAOG11000222618	1/2 - 1 Mile NW
CS646	CAOG11000222619	1/2 - 1 Mile NW
CQ649	CAOG11000222300	1/2 - 1 Mile NW
CS650	CAOG11000221540	1/2 - 1 Mile NW
CP651	CAOG11000197293	1/2 - 1 Mile East
CR653	CAOG11000221476	1/2 - 1 Mile WNW
CR652	CAOG11000221475	1/2 - 1 Mile WNW
CT654	CAOG11000222015	1/2 - 1 Mile East
CT655	CAOG11000222019	1/2 - 1 Mile East
656	CAOG11000221700	1/2 - 1 Mile WNW
CR658	CAOG11000222266	1/2 - 1 Mile WNW
CR657	CAOG11000222265	1/2 - 1 Mile WNW
CQ659	CAOG11000222293	1/2 - 1 Mile NW
CQ660	CAOG11000222294	1/2 - 1 Mile NW
CU661	CAOG11000221472	1/2 - 1 Mile NW
CQ663	CAOG11000222296	1/2 - 1 Mile NW
CQ662	CAOG11000222295	1/2 - 1 Mile NW
664	CAOG11000197262	1/2 - 1 Mile NNW
CS665	CAOG11000221501	1/2 - 1 Mile NW
CQ666	CAOG11000222297	1/2 - 1 Mile NW
CQ667	CAOG11000222298	1/2 - 1 Mile NW
668	CAOG11000197303	1/2 - 1 Mile ESE
CU669	CAOG11000222299	1/2 - 1 Mile NW
CT670	CAOG11000222021	1/2 - 1 Mile East
CU671	CAOG11000221577	1/2 - 1 Mile NW
CU672	CAOG11000221574	1/2 - 1 Mile NW
CU673	CAOG11000221575	1/2 - 1 Mile NW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

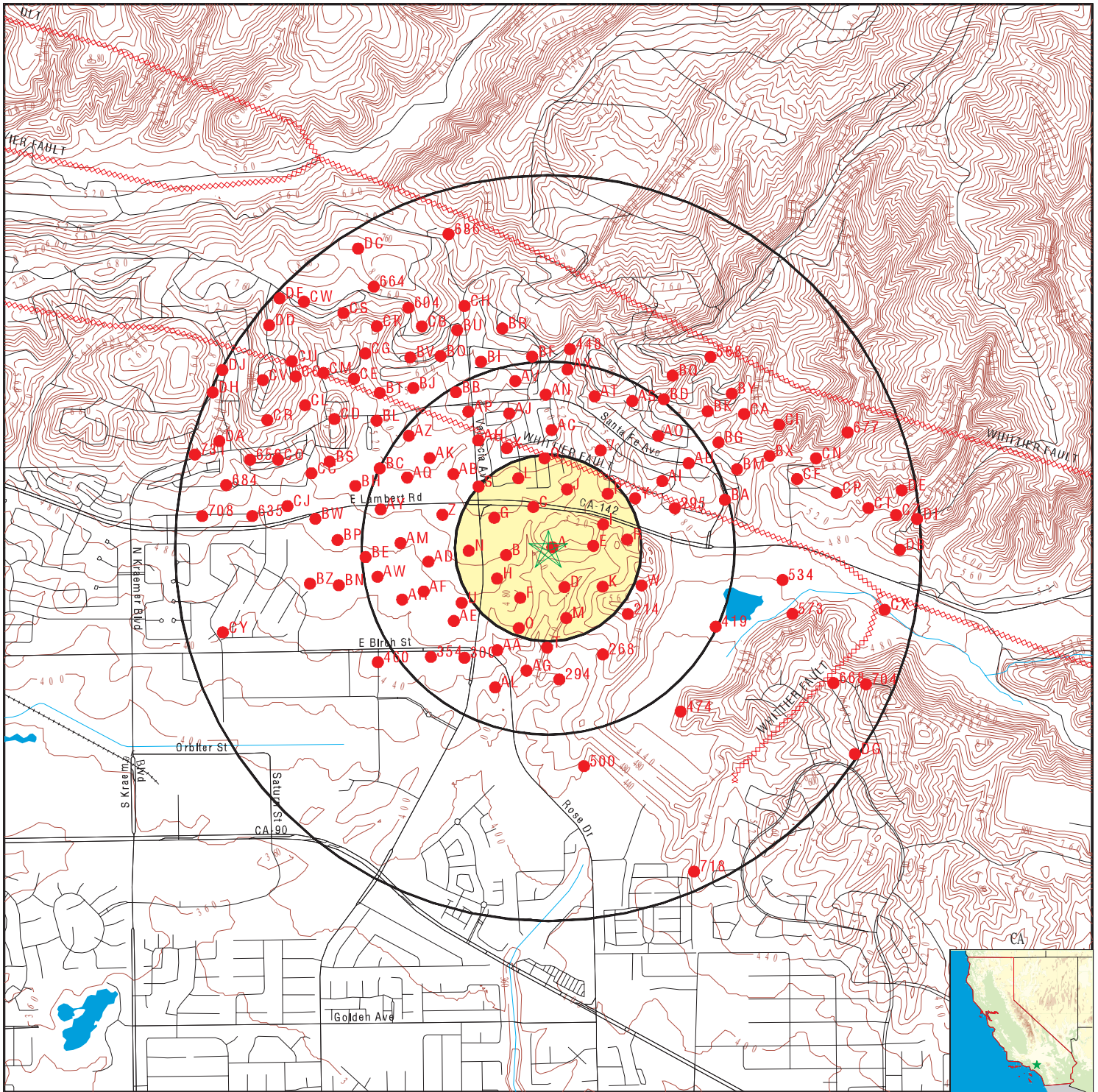
MAP ID	WELL ID	LOCATION FROM TP
CU674	CAOG11000222208	1/2 - 1 Mile NW
CU675	CAOG11000222200	1/2 - 1 Mile NW
CU676	CAOG11000222201	1/2 - 1 Mile NW
677	CAOG11000197291	1/2 - 1 Mile ENE
CT678	CAOG11000222014	1/2 - 1 Mile East
CS679	CAOG11000222244	1/2 - 1 Mile NW
CS680	CAOG11000221526	1/2 - 1 Mile NW
CT681	CAOG11000197288	1/2 - 1 Mile East
CV682	CAOG11000222659	1/2 - 1 Mile WNW
CS683	CAOG11000221548	1/2 - 1 Mile NW
684	CAOG11000220759	1/2 - 1 Mile West
CT685	CAOG11000222020	1/2 - 1 Mile East
686	CAOG11000221433	1/2 - 1 Mile NNW
CV688	CAOG11000221478	1/2 - 1 Mile WNW
CV689	CAOG11000221479	1/2 - 1 Mile WNW
CV687	CAOG11000221477	1/2 - 1 Mile WNW
CV690	CAOG11000221566	1/2 - 1 Mile WNW
CT691	CAOG11000222011	1/2 - 1 Mile East
CW692	CAOG11000221554	1/2 - 1 Mile NW
CX693	CAOG11000221999	1/2 - 1 Mile ESE
CY694	CAOG11000221676	1/2 - 1 Mile WSW
CZ695	CAOG11000222013	1/2 - 1 Mile East
CZ696	CAOG11000222018	1/2 - 1 Mile East
CY697	CAOG11000217277	1/2 - 1 Mile WSW
CV698	CAOG11000217288	1/2 - 1 Mile WNW
CT699	CAOG11000222012	1/2 - 1 Mile East
CZ700	CAOG11000222016	1/2 - 1 Mile East
CZ701	CAOG11000197290	1/2 - 1 Mile East
DA702	CAOG11000222248	1/2 - 1 Mile WNW
DB703	CAOG11000222000	1/2 - 1 Mile East
704	CAOG11000197302	1/2 - 1 Mile ESE
DA705	CAOG11000221573	1/2 - 1 Mile WNW
DA707	CAOG11000222504	1/2 - 1 Mile WNW
DA706	CAOG11000222503	1/2 - 1 Mile WNW
708	CAOG11000219512	1/2 - 1 Mile West
DC709	CAOG11000222651	1/2 - 1 Mile NNW
CZ710	CAOG11000222051	1/2 - 1 Mile East
CX711	CAOG11000222065	1/2 - 1 Mile East
CZ712	CAOG11000222041	1/2 - 1 Mile East
DD713	CAOG11000221703	1/2 - 1 Mile NW
CZ714	CAOG11000222038	1/2 - 1 Mile East
DE715	CAOG11000197227	1/2 - 1 Mile East
CW716	CAOG11000221623	1/2 - 1 Mile NW
DB717	CAOG11000222001	1/2 - 1 Mile East
718	CAOG11000220224	1/2 - 1 Mile SSE
CW719	CAOG11000221525	1/2 - 1 Mile NW
CZ720	CAOG11000222061	1/2 - 1 Mile East
DB721	CAOG11000222077	1/2 - 1 Mile East
DD724	CAOG11000221499	1/2 - 1 Mile NW
DD722	CAOG11000221497	1/2 - 1 Mile NW
DD723	CAOG11000221498	1/2 - 1 Mile NW
CZ725	CAOG11000222040	1/2 - 1 Mile East
DC726	CAOG11000222656	1/2 - 1 Mile NNW
CZ727	CAOG11000222042	1/2 - 1 Mile East
CZ728	CAOG11000222073	1/2 - 1 Mile East
DE729	CAOG11000222055	1/2 - 1 Mile East

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

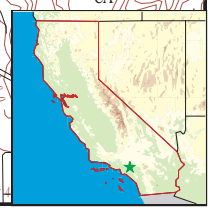
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
DF730	CAOG11000221521	1/2 - 1 Mile NW
731	CAOG11000221967	1/2 - 1 Mile WNW
DF732	CAOG11000221520	1/2 - 1 Mile NW
DG733	CAOG11000197268	1/2 - 1 Mile ESE
DH734	CAOG11000222515	1/2 - 1 Mile WNW
DI735	CAOG11000222039	1/2 - 1 Mile East
DH736	CAOG11000221950	1/2 - 1 Mile WNW
DH737	CAOG11000221961	1/2 - 1 Mile WNW
DI738	CAOG11000222062	1/2 - 1 Mile East
DF739	CAOG11000221524	1/2 - 1 Mile NW
DJ741	CAOG11000222350	1/2 - 1 Mile WNW
DJ740	CAOG11000222349	1/2 - 1 Mile WNW
DI742	CAOG11000222045	1/2 - 1 Mile East
DG743	CAOG11000197245	1/2 - 1 Mile SE
DH744	CAOG11000221697	1/2 - 1 Mile WNW
DJ745	CAOG11000221565	1/2 - 1 Mile WNW

# PHYSICAL SETTING SOURCE MAP - 4848184.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



<p>SITE NAME: 265-Acre Brea Property                  ADDRESS: Valencia Avenue                  Brea CA 92823                  LAT/LONG: 33.922355 / 117.844415</p>	<p>CLIENT: Northgate Env. Management Inc.                  CONTACT: Nancy Leitner                  H-3015 INQUIRY #: 4848184.2s                  DATE: February 07, 2017 8:16 pm</p>
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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**A1**  
**East**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198720**

District nun:	1	Api number:	05921331
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	524.593
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	128
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198720		

**A2**  
**East**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198721**

District nun:	1	Api number:	05921331
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	524.593
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	128
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198721		

**A3**  
**NW**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000197200**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907572
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	527.081
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197200		

**A4  
NW  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000194514**

District nun:	1	Api number:	05900019
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	526.546
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	105
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194514		

**A5  
South  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198256**

District nun:	1	Api number:	05920864
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	504.012
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	120
Leasename:	Olinda Fee Three	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198256		

**A6  
SSE  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198746**

District nun:	1	Api number:	05921351
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	490.353
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	134
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198746		

**A7  
SSE  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198747**

District nun:	1	Api number:	05921351
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	490.353
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	134
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198747		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**A8**  
**SE**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198167**

District nun:	1	Api number:	05920799
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	492.767
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	116
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198167		

**A9**  
**ENE**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000196906**

District nun:	1	Api number:	05907026
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	539.954
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	34
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196906		

**A10**  
**NNW**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000221922**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907571
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221922		

**A11**  
**SSW**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000196908**

District nun:	1	Api number:	05907028
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	450.536
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196908		

**A12**  
**North**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198716**

District nun:	1	Api number:	05921329
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	530.198
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	126
Leasename:	Olinda Fee Three	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198716		

**A13  
North  
0 - 1/8 Mile**

**OIL\_GAS**

**CAOG11000198717**

District nun:	1	Api number:	05921329
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	530.198
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	126
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198717		

**A14  
South  
0 - 1/8 Mile**

**OIL\_GAS**

**CAOG11000217748**

District nun:	1	Api number:	05900946
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000217748		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**A15**  
**NNE**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000198162**

District nun:	1	Api number:	05920796
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	548.853
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	113
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198162		

**A16**  
**NNW**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000197473**

District nun:	1	Api number:	05920177
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	506.088
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	107
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197473		

**A17**  
**East**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000198257**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920865
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	528.035
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	121
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198257		

**A18**  
East  
0 - 1/8 Mile

**OIL\_GAS      CAOG11000198258**

District nun:	1	Api number:	05920865
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	528.035
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	121
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198258		

**B19**  
West  
0 - 1/8 Mile

**OIL\_GAS      CAOG11000197201**

District nun:	1	Api number:	05907573
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	486.644
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	25
Leasename:	Olinda Fee Three	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197201		

**A20  
NE**

**0 - 1/8 Mile**

**OIL\_GAS**

**CAOG11000221637**

District nun:	1	Api number:	05907036
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221637		

**A21  
SSW**

**0 - 1/8 Mile**

**OIL\_GAS**

**CAOG11000198274**

District nun:	1	Api number:	05920876
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	438.379
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	124
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198274		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**A22**  
**SSW**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198275**

District nun:	1	Api number:	05920876
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	438.379
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	124
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198275		

**A23**  
**NNE**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000221920**

District nun:	1	Api number:	05907566
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221920		

**B24**  
**NW**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000194513**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05900018
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	493.601
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	104
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194513		

**C25  
NNW  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000197706**

District nun:	1	Api number:	05920407
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	503.493
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	109
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197706		

**D26  
SSE  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198742**

District nun:	1	Api number:	05921349
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	478.598
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	136
Leasename:	Olinda Fee Three	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198742		

**D27  
SSE  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198743**

District nun:	1	Api number:	05921349
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	478.598
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	136
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198743		

**B28  
WSW  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198724**

District nun:	1	Api number:	05921333
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	489.266
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	130
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198724		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**B29**  
**WSW**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000198725**

District nun:	1	Api number:	05921333
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	489.266
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	130
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198725		

**D30**  
**ESE**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000196909**

District nun:	1	Api number:	05907030
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	501.088
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196909		

**E31**  
**East**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000198159**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920794
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	516.16
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	111
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198159		

**C32  
NNE  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000196912**

District nun:	1	Api number:	05907034
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	511.012
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196912		

**C33  
NW  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000197399**

District nun:	1	Api number:	05920101
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	500.334
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	106
Leasename:	Olinda Fee Three	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197399		

**E34  
NE**

**0 - 1/8 Mile**

**OIL\_GAS**

**CAOG11000197202**

District nun:	1	Api number:	05907575
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	554.962
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197202		

**B35**

**West**

**0 - 1/8 Mile**

**OIL\_GAS**

**CAOG11000198165**

District nun:	1	Api number:	05920798
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	501.783
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	115
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198165		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**B36**  
**West**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000198166**

District nun:	1	Api number:	05920798
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	501.783
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	115
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198166		

**D37**  
**South**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000221458**

District nun:	1	Api number:	05906787
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Two	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221458		

**D38**  
**SSE**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000196807**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906789
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	464.133
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196807		

**D39  
SSE  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000196808**

District nun:	1	Api number:	05906789
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	464.133
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196808		

**D40  
SE  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000196910**

District nun:	1	Api number:	05907031
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	467.105
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	43
Leasename:	Olinda Fee Three	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196910		

**F42  
SSW  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198713**

District nun:	1	Api number:	05921327
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	438.431
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	53
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198713		

**F41  
SSW  
0 - 1/8 Mile**

**OIL\_GAS      CAOG11000198712**

District nun:	1	Api number:	05921327
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	438.431
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	53
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198712		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**F43**  
**SW**  
**0 - 1/8 Mile**

**OIL\_GAS CAOG11000196907**

District nun:	1	Api number:	05907027
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	451.497
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196907		

**B45**  
**WSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000198723**

District nun:	1	Api number:	05921332
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	500.904
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	129
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198723		

**B44**  
**WSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000198722**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921332
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	500.904
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	129
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198722		

**D47**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197341**

District nun:	1	Api number:	05920009
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	443.339
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197341		

**D46**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197340**

District nun:	1	Api number:	05920009
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	443.339
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	36
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197340		

**F48  
SW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000221462**

District nun:	1	Api number:	05906793
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Two	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221462		

**G49  
WNW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000196815**

District nun:	1	Api number:	05906799
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	514.775
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	102
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196815		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**B50  
SW**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000198251

District nun:	1	Api number:	05920862
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	476.51
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	118
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198251		

**B51**

**SW**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000198250

District nun:	1	Api number:	05920862
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	476.51
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	118
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198250		

**B53**

**SW**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000198252

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920862
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	476.51
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	118
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198252		

**B52  
SW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198253**

District nun:	1	Api number:	05920862
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	476.51
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	118
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198253		

**D54  
SE  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000221459**

District nun:	1	Api number:	05906788
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221459		

**B55  
WSW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000222346**

District nun:	1	Api number:	05920800
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	117
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222346		

**B57  
WNW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198273**

District nun:	1	Api number:	05920875
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	509.353
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	123
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198273		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**B56**  
**WNW**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000198272**

District nun:	1	Api number:	05920875
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	509.353
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	123
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198272		

**C58**  
**NNW**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000197199**

District nun:	1	Api number:	05907569
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	512.47
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197199		

**C59**  
**North**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000197195**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907563
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	520.352
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197195		

**H61  
SW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198745**

District nun:	1	Api number:	05921350
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	477.76
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	137
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198745		

**H60  
SW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198744**

District nun:	1	Api number:	05921350
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	477.76
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	137
Leasename:	Olinda Fee Three	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198744		

**E62  
East  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000196913**

District nun:	1	Api number:	05907035
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	503.136
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	94
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196913		

**I64  
ENE  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198260**

District nun:	1	Api number:	05920866
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	518.571
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	122
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198260		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**I63**  
**ENE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198259**

District nun:	1	Api number:	05920866
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	518.571
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	122
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198259		

**B66**  
**West**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198161**

District nun:	1	Api number:	05920795
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	506.319
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	112
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198161		

**B65**  
**West**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198160**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920795
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	506.319
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	112
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198160		

**D68**  
**SE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198741**

District nun:	1	Api number:	05921348
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	494.578
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	66
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198741		

**D67**  
**SE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198740**

District nun:	1	Api number:	05921348
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	494.578
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	66
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198740		

**G69  
NW**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000198163

District nun:	1	Api number:	05920797
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	522.073
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	114
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198163		

**G70  
NW**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000198164

District nun:	1	Api number:	05920797
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	522.073
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	114
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198164		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**G71**

**NW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000221923**

District nun:	1	Api number:	05907574
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221923		

**G72**

**WNW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000198718**

District nun:	1	Api number:	05921330
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	509.409
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	127
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198718		

**G73**

**WNW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000198719**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921330
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	509.409
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	127
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198719		

**H74**  
**WSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198254**

District nun:	1	Api number:	05920863
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	493.169
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	119
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198254		

**H75**  
**WSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198255**

District nun:	1	Api number:	05920863
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	493.169
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	119
Leasename:	Olinda Fee Three	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198255		

**J76**  
**NNE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197193**

District nun:	1	Api number:	05907561
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	515.098
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197193		

**B77**  
**West**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197299**

District nun:	1	Api number:	05907746
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	504.999
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197299		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**J78**

**NNE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197534**

District nun:	1	Api number:	05920225
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	516.433
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	108
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197534		

**J79**

**NNE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197535**

District nun:	1	Api number:	05920225
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	516.433
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	108
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197535		

**J80**

**North**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197698**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920401
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	519.853
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	127
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197698		

**H81**  
**WSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000221635**

District nun:	1	Api number:	05907029
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000221635		

**F82**  
**SW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198710**

District nun:	1	Api number:	05921326
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	475.709
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	52
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198710		

**F83  
SW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000198711**

District nun:	1	Api number:	05921326
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	475.709
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198711		

**D85  
SSE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197326**

District nun:	1	Api number:	05907855
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	424.851
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197326		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**D84**

**SSE**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000197325

District nun:	1	Api number:	05907855
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	424.851
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197325		

**C86**

**NNW**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000197196

District nun:	1	Api number:	05907565
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	520.083
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197196		

**J87**

**NE**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000221919

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907564
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221919		

**H89  
SW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198739**

District nun:	1	Api number:	05921347
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	477.12
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	65
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198739		

**H88  
SW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198738**

District nun:	1	Api number:	05921347
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	477.12
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	65
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198738		

**J90  
NNE  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197192**

District nun:	1	Api number:	05907560
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	484.376
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197192		

**G92  
WNW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198715**

District nun:	1	Api number:	05921328
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	522.83
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	125
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198715		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**G91**  
**WNW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198714**

District nun:	1	Api number:	05921328
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	522.83
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	125
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198714		

**J93**  
**North**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000196943**

District nun:	1	Api number:	05907128
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	517.347
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	67
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196943		

**J94**  
**North**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197128**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907497
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	514.418
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197128		

**J95  
NNE  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197127**

District nun:	1	Api number:	05907496
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	511.832
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197127		

**E96  
ESE  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000221636**

District nun:	1	Api number:	05907033
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	47
Leasename:	Olinda Fee Three	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221636		

**K97  
SE**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000196911

District nun:	1	Api number:	05907032
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	515.405
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196911		

**K98  
SSE**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000197342

District nun:	1	Api number:	05920010
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	484.617
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	30
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197342		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**G100**

**WNW**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000196817

District nun:	1	Api number:	05906800
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	514.586
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196817		

**G99**

**WNW**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000196816

District nun:	1	Api number:	05906800
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	514.586
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196816		

**L101**

**NNW**

1/8 - 1/4 Mile

OIL\_GAS

CAOG11000197697

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920400
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	520.769
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	126
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197697		

**G102  
WNW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000222004**

District nun:	1	Api number:	05907745
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222004		

**K104  
SE  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197350**

District nun:	1	Api number:	05920017
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	522.647
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	37
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197350		

**K103  
SE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197349**

District nun:	1	Api number:	05920017
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	522.647
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197349		

**J105  
NE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197191**

District nun:	1	Api number:	05907559
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	476.276
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197191		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**L106**  
**NNW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197133**

District nun:	1	Api number:	05907501
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	530.374
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197133		

**K108**  
**ESE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197790**

District nun:	1	Api number:	05920470
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	501.512
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	110
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197790		

**K107**  
**ESE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197789**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920470
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	501.512
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	110
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197789		

**F109  
SSW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198730**

District nun:	1	Api number:	05921341
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	482.896
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198730		

**F110  
SSW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198731**

District nun:	1	Api number:	05921341
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	482.896
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003198.ssf	Wellnumber:	54
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198731		

**F111**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000196813**

District nun:	1	Api number:	05906798
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	408.775
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196813		

**F112**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000196814**

District nun:	1	Api number:	05906798
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	408.775
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196814		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**J113**  
**NNE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197126**

District nun:	1	Api number:	05907495
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	474.513
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197126		

**G114**  
**NW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197198**

District nun:	1	Api number:	05907568
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	536.99
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197198		

**F115**  
**SSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197347**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920016
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	481.253
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197347		

**F116**  
**SSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197348**

District nun:	1	Api number:	05920016
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	481.253
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197348		

**J117**  
**North**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198772**

District nun:	1	Api number:	05921448
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	521.8
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011197.ssf	Wellnumber:	200
Leasename:	Olinda	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198772		

**J118  
NE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000221918**

District nun:	1	Api number:	05907558
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221918		

**H119  
WSW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000221461**

District nun:	1	Api number:	05906792
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Two	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221461		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**M120**

**SSE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000221460**

District nun:	1	Api number:	05906791
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Two	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221460		

**J121**

**North**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197652**

District nun:	1	Api number:	05920359
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	524.462
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	115
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197652		

**G122**

**NW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000221921**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907570
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221921		

**M123**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000196812**

District nun:	1	Api number:	05906796
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	427.887
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196812		

**N124**  
**West**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000196920**

District nun:	1	Api number:	05907048
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	504.286
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	48
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196920		

**I125  
ENE  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197197**

District nun:	1	Api number:	05907567
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	469.798
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197197		

**L126  
North  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197686**

District nun:	1	Api number:	05920392
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	530.004
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	118
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197686		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**O127**

**SSW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000196811**

District nun:	1	Api number:	05906795
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	471.169
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196811		

**N128**

**WSW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000194529**

District nun:	1	Api number:	05900040
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	500.623
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	126
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000194529		

**P129**

**NE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197194**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907562
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	482.606
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197194		

**M131  
SSE  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197344**

District nun:	1	Api number:	05920011
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	494.155
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197344		

**M130  
SSE  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197343**

District nun:	1	Api number:	05920011
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	494.155
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	31
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197343		

**P132  
NE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000222255**

District nun:	1	Api number:	05920402
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	128
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222255		

**G134  
WNW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000196819**

District nun:	1	Api number:	05906801
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	523.122
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	103
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196819		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**G133**

**WNW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000196818**

District nun:	1	Api number:	05906801
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	523.122
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	103
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196818		

**H135**

**WSW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000194522**

District nun:	1	Api number:	05900031
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	493.154
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	105
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000194522		

**N136**

**West**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000196930**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907070
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	508.342
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	99
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196930		

**N137**  
West  
1/8 - 1/4 Mile

**OIL\_GAS      CAOG11000198286**

District nun:	1	Api number:	05920887
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	496.672
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	151
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198286		

**N138**  
West  
1/8 - 1/4 Mile

**OIL\_GAS      CAOG11000221640**

District nun:	1	Api number:	05907042
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	30
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221640		

**O139**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198736**

District nun:	1	Api number:	05921345
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	418.416
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198736		

**O140**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198737**

District nun:	1	Api number:	05921345
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	418.416
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198737		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**P141**  
**NE**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000197125**

District nun:	1	Api number:	05907494
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	478.926
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197125		

**Q142**  
**North**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000196947**

District nun:	1	Api number:	05907133
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	532.72
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	74
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196947		

**L143**  
**NW**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000197137**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907505
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	534.231
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	41
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197137		

**R144**  
**East**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198640**

District nun:	1	Api number:	05921275
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	479.874
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Not Reported	Wellnumber:	146
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198640		

**J145**  
**NNE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000196945**

District nun:	1	Api number:	05907130
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	524.203
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011197.ssf	Wellnumber:	69
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196945		

**R147**

**East**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197431**

District nun:	1	Api number:	05920141
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	467.502
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07007199.ssf		
Leasename:	Not Reported	Wellnumber:	109
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197431		

**R146**

**East**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197430**

District nun:	1	Api number:	05920141
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	467.502
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07007199.ssf		
Leasename:	Not Reported	Wellnumber:	109
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197430		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**L148**  
**NNW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197684**

District nun:	1	Api number:	05920390
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	531.12
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	116
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197684		

**O150**  
**SSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198735**

District nun:	1	Api number:	05921343
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	470.422
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	58
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198735		

**O149**  
**SSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198734**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921343
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	470.422
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	58
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198734		

**N151  
WNW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000221643**

District nun:	1	Api number:	05907050
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221643		

**L152  
NNW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000221704**

District nun:	1	Api number:	05907132
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	71
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221704		

### K153

#### ESE

#### 1/8 - 1/4 Mile

OIL\_GAS

CAOG11000196809

District nun:	1	Api number:	05906790
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	529.765
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196809		

### R154

#### East

#### 1/8 - 1/4 Mile

OIL\_GAS

CAOG11000197891

District nun:	1	Api number:	05920570
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	472.54
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Not Reported	Wellnumber:	131
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197891		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**R155**

**East**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197892**

District nun:	1	Api number:	05920570
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	472.54
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Not Reported	Wellnumber:	131
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197892		

**R157**

**East**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000198201**

District nun:	1	Api number:	05920822
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	463.449
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Not Reported	Wellnumber:	133
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198201		

**R156**

**East**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000198200**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920822
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	463.449
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Not Reported	Wellnumber:	133
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198200		

**O159**  
**SSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198733**

District nun:	1	Api number:	05921342
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	470.537
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198733		

**O158**  
**SSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198732**

District nun:	1	Api number:	05921342
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	470.537
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003198.ssf	Wellnumber:	56
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198732		

**O160  
SSW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000198652**

District nun:	1	Api number:	05921284
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	429.119
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	48
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PSF
Site id:	CAOG11000198652		

**S161**

**NW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000222003**

District nun:	1	Api number:	05907744
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222003		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**S162**

**WNW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000194528**

District nun:	1	Api number:	05900039
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	513.857
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	123
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194528		

**P163**

**NE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000221917**

District nun:	1	Api number:	05907556
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Fee Three	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221917		

**K164**

**SE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000221430**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906734
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221430		

**P165**  
**NE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197190**

District nun:	1	Api number:	05907557
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	469.673
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Olinda Fee Three	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197190		

**O166**  
**SSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000221463**

District nun:	1	Api number:	05906797
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	22
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221463		

**L167  
NNW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198642**

District nun:	1	Api number:	05921277
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	537.509
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	SA-2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PSF
Site id:	CAOG11000198642		

**T169  
South  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000198651**

District nun:	1	Api number:	05921283
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	414.497
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	47
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PSF
Site id:	CAOG11000198651		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**T168**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000198650**

District nun:	1	Api number:	05921283
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	414.497
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	47
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PSF
Site id:	CAOG11000198650		

**P170**  
**ENE**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000197129**

District nun:	1	Api number:	05907498
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	474.342
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197129		

**U171**  
**WSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS CAOG11000221642**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907047
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221642		

**O172**  
**SW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000196810**

District nun:	1	Api number:	05906794
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	454.403
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196810		

**P173**  
**NE**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197124**

District nun:	1	Api number:	05907493
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	496.062
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011187.ssf	Wellnumber:	22
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197124		

**L174  
NNW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000196946**

District nun:	1	Api number:	05907131
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	530.286
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	70
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196946		

**S175  
NW  
1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197142**

District nun:	1	Api number:	05907510
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	533.828
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	47
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197142		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**S176**

**NW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197607**

District nun:	1	Api number:	05920313
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	535.491
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	113
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197607		

**S177**

**NW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197608**

District nun:	1	Api number:	05920313
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	535.491
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	113
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197608		

**Q178**

**NNE**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000222254**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920395
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	121
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222254		

**O179**  
**SSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197323**

District nun:	1	Api number:	05907854
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	440.172
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197323		

**O180**  
**SSW**  
**1/8 - 1/4 Mile**

**OIL\_GAS      CAOG11000197324**

District nun:	1	Api number:	05907854
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	440.172
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003198.ssf	Wellnumber:	23
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197324		

**O181**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000222132**

District nun:	1	Api number:	05920008
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Two	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222132		

**O182**  
**South**  
**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000222133**

District nun:	1	Api number:	05920008
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Two	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222133		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**U183**

**SW**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000221669**

District nun:	1	Api number:	05907093
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221669		

**Q185**

**North**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197690**

District nun:	1	Api number:	05920394
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	547.924
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	120
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197690		

**Q184**

**North**

**1/8 - 1/4 Mile**

**OIL\_GAS**

**CAOG11000197689**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920394
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	547.924
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	120
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197689		

**S186  
NW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000194505**

District nun:	1	Api number:	05900006
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	534.006
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	98
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194505		

**S187  
NW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196917**

District nun:	1	Api number:	05907044
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	531.358
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	40
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000196917		

**O188  
SSW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000221431

District nun:	1	Api number:	05906735
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221431		

**N189**

West

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000221654

District nun:	1	Api number:	05907067
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	88
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221654		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**T190**  
**South**  
**1/4 - 1/2 Mile**

**OIL\_GAS CAOG11000197345**

District nun:	1	Api number:	05920012
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	483.584
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197345		

**T191**  
**South**  
**1/4 - 1/2 Mile**

**OIL\_GAS CAOG11000197346**

District nun:	1	Api number:	05920012
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	483.584
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197346		

**N192**  
**West**  
**1/4 - 1/2 Mile**

**OIL\_GAS CAOG11000194589**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05900223
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	493.154
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	106
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194589		

**S193  
NW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197696**

District nun:	1	Api number:	05920399
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	533.756
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	125
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197696		

**O194  
SSW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198572**

District nun:	1	Api number:	05921210
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	429.712
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	41
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198572		

**U195  
WSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000198287**

District nun:	1	Api number:	05920888
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	480.202
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	152
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198287		

**V196  
NNE**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000196944**

District nun:	1	Api number:	05907129
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	494.949
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	68
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196944		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**W197**

**ESE**

**OIL\_GAS**

**CAOG11000222377**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05920935
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	132
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222377		

**W198**

**ESE**

**OIL\_GAS**

**CAOG11000222378**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05920935
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	132
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222378		

**X199**

**NNW**

**OIL\_GAS**

**CAOG11000197687**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920393
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	538.712
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	119
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197687		

**X200  
NNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197688**

District nun:	1	Api number:	05920393
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	538.712
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	119
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197688		

**T202  
South  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198578**

District nun:	1	Api number:	05921213
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	408.285
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	44
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198578		

**T201  
South  
1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000198577**

District nun:	1	Api number:	05921213
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	408.285
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198577		

**O203  
SSW  
1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000198573**

District nun:	1	Api number:	05921211
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	441.463
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198573		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**O204**

**SSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000198574**

District nun:	1	Api number:	05921211
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	441.463
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198574		

**U205**

**WSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000221644**

District nun:	1	Api number:	05907051
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221644		

**Q206**

**North**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000198639**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921274
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	550.811
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	145
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000198639		

**V207**  
**NNE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197157**

District nun:	1	Api number:	05907525
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	493.959
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07007199.ssf		
Leasename:	Not Reported	Wellnumber:	62
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197157		

**Y208**  
**ENE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197135**

District nun:	1	Api number:	05907503
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	463.912
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011187.ssf	Wellnumber:	34
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197135		

### W209

#### ESE

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000221429

District nun:	1	Api number:	05906733
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221429		

### Z210

#### WNW

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000194520

District nun:	1	Api number:	05900029
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	511.079
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	100
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194520		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**Y211**

**NE**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197134**

District nun:	1	Api number:	05907502
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	498.691
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197134		

**S212**

**NW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197145**

District nun:	1	Api number:	05907513
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	541.194
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197145		

**U213**

**WSW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197851**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920536
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	476.98
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	57
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197851		

**214  
SE  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198704**

District nun:	1	Api number:	05921318
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	551.692
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198704		

**X216  
NNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000194686**

District nun:	1	Api number:	05900418
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	539.199
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011177.ssf	Wellnumber:	107
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PSF
Site id:	CAOG11000194686		

**X215  
NNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000194685**

District nun:	1	Api number:	05900418
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	539.199
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	107
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PSF
Site id:	CAOG11000194685		

**X217  
NNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000194687**

District nun:	1	Api number:	05900418
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	539.199
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	107
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PSF
Site id:	CAOG11000194687		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**U218**

**WSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000197917**

District nun:	1	Api number:	05920584
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	476.714
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	58
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197917		

**U219**

**SW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000198019**

District nun:	1	Api number:	05920671
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	480.961
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	59
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198019		

**S220**

**NW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000221638**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907037
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221638		

**W221  
ESE  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197267**

District nun:	1	Api number:	05907657
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	546.756
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197267		

**U222  
SW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198020**

District nun:	1	Api number:	05920672
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	479.22
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	60
Leasename:	Union-Naranjal	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198020		

**AA223  
SSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000221432**

District nun:	1	Api number:	05906736
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221432		

**AA224  
SSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000197352**

District nun:	1	Api number:	05920020
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	409.343
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	34
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197352		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**S225**

**NW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197681

District nun:	1	Api number:	05920386
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	515.192
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	136
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197681		

**U226**

**SW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198047

District nun:	1	Api number:	05920698
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	472.347
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198047		

**T228**

**South**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197843

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920517
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	401.156
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197843		

**T227**  
**South**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197842**

District nun:	1	Api number:	05920517
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	401.156
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197842		

**U229**  
**SW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198135**

District nun:	1	Api number:	05920769
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	476.14
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	63
Leasename:	Union-Naranjal	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198135		

**X230  
NNW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000196951

District nun:	1	Api number:	05907137
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	544.394
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	78
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196951		

**AB231  
NW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198550

District nun:	1	Api number:	05921161
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	512.322
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	156
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AB232**

**NW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196929**

District nun:	1	Api number:	05907069
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	513.504
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	90
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196929		

**T234**

**South**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197889**

District nun:	1	Api number:	05920565
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	463.95
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	39
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197889		

**T233**

**South**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197888**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920565
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	463.95
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	39
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197888		

**X235  
NNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198641**

District nun:	1	Api number:	05921276
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	555.369
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	SA-1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PSF
Site id:	CAOG11000198641		

**AB236  
NW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000221641**

District nun:	1	Api number:	05907043
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	31
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221641		

### Z237

#### WNW

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000196919

District nun:	1	Api number:	05907046
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	513.324
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196919		

### AC238

#### North

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197650

District nun:	1	Api number:	05920358
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	549.601
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	114
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197650		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AC239**

**North**

**OIL\_GAS**

**CAOG11000197651**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05920358
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	549.601
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	114
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197651		

**AD240**

**West**

**OIL\_GAS**

**CAOG11000198041**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05920686
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	485.951
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	150
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198041		

**AC241**

**North**

**OIL\_GAS**

**CAOG11000197693**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920397
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	554.8
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	123
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197693		

**AC242**  
**North**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197694**

District nun:	1	Api number:	05920397
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	554.8
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	123
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197694		

**X243**  
**North**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196950**

District nun:	1	Api number:	05907136
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	555.416
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011197.ssf	Wellnumber:	77
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196950		

**X245  
NNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197692**

District nun:	1	Api number:	05920396
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	538.376
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	122
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197692		

**X244  
NNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197691**

District nun:	1	Api number:	05920396
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	538.376
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	122
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197691		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AE246**

**SW**

**OIL\_GAS**

**CAOG11000198261**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05920867
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	474.982
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	65
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198261		

**Z247**

**West**

**OIL\_GAS**

**CAOG11000221653**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907066
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	83
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221653		

**U248**

**WSW**

**OIL\_GAS**

**CAOG11000221668**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907092
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	10-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221668		

**AA249**  
**SSW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198575**

District nun:	1	Api number:	05921212
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	427.055
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198575		

**AA250**  
**SSW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198576**

District nun:	1	Api number:	05921212
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	427.055
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003198.ssf	Wellnumber:	43
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198576		

**AE251  
SW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000198262**

District nun:	1	Api number:	05920868
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	474.961
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	66
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198262		

**AA252  
SSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000198646**

District nun:	1	Api number:	05921281
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	431.945
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198646		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AA253**

**SSW**

**OIL\_GAS**

**CAOG11000198647**

1/4 - 1/2 Mile

District nun:	1	Api number:	05921281
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	431.945
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198647		

**AB254**

**NW**

**OIL\_GAS**

**CAOG11000197216**

1/4 - 1/2 Mile

District nun:	1	Api number:	05907597
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	553.772
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197216		

**AF255**

**WSW**

**OIL\_GAS**

**CAOG11000196928**

1/4 - 1/2 Mile

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907068
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	482.102
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	89
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196928		

### AA256

**SW**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000221670**

District nun:	1	Api number:	05907094
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221670		

### AG258

**South**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000198649**

District nun:	1	Api number:	05921282
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	398.79
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003178.ssf	Wellnumber:	46
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198649		

### AG257

South  
1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198648

District nun:	1	Api number:	05921282
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	398.79
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198648		

### AC259

North  
1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197156

District nun:	1	Api number:	05907524
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	503.008
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011197.ssf		
Leasename:	Not Reported	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197156		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AA260**

**SW**

**OIL\_GAS**

**CAOG11000221671**

1/4 - 1/2 Mile

District nun:	1	Api number:	05907095
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	12-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221671		

**AD261**

**West**

**OIL\_GAS**

**CAOG11000196934**

1/4 - 1/2 Mile

District nun:	1	Api number:	05907074
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	492.128
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	107
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196934		

**AH262**

**NW**

**OIL\_GAS**

**CAOG11000197150**

1/4 - 1/2 Mile



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907518
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	533.068
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197150		

### AE264

SW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198316

District nun:	1	Api number:	05920907
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	471.566
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	67
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWD
Site id:	CAOG11000198316		

### AE263

SW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198315

District nun:	1	Api number:	05920907
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	471.566
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	67
Leasename:	Union-Naranjal	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWD
Site id:	CAOG11000198315		

**X266  
NNW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198092

District nun:	1	Api number:	05920742
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	553.786
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	129
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198092		

**X265  
NNW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198091

District nun:	1	Api number:	05920742
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	553.786
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	129
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198091		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**Z267**

**WNW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198553

District nun:	1	Api number:	05921163
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	502.807
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	158
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198553		

**268**

**SSE**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198708

District nun:	1	Api number:	05921322
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	482.613
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003178.ssf		
Leasename:	Olinda Two	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198708		

**AE269**

**SW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198244

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920845
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	465.029
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	64
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198244		

**AE270**  
**SW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198317**

District nun:	1	Api number:	05920908
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	475.019
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	68
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198317		

**AE271**  
**SW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000198318**

District nun:	1	Api number:	05920908
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	475.019
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	68
Leasename:	Union-Naranjal	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198318		

**AD272  
WSW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000194523

District nun:	1	Api number:	05900032
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	479.707
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	111
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000194523		

**V273  
NE**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000196953

District nun:	1	Api number:	05907139
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	579.097
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	S-80W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196953		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**V274**

**NE**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196954**

District nun:	1	Api number:	05907139
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	579.097
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	S-80W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000196954		

**AE275**

**SW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196940**

District nun:	1	Api number:	05907103
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	462.749
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196940		

**AE276**

**SW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000198728**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921337
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	474.943
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	72
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198728		

### AD277

**West**  
1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000194519**

District nun:	1	Api number:	05900028
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	485.845
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	84
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000194519		

### AE278

**SW**  
1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000198524**

District nun:	1	Api number:	05921100
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	466.702
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	71
Leasename:	Union-Naranjal	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198524		

**V279  
NNE**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000196952

District nun:	1	Api number:	05907138
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	541.215
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	S-79W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196952		

**AB280**

NW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000196914

District nun:	1	Api number:	05907038
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	516.376
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07007199.ssf		
Leasename:	100 Acre	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196914		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AH281**

**NNW**

**OIL\_GAS**

**CAOG11000197695**

1/4 - 1/2 Mile

District nun:	1	Api number:	05920398
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	528.418
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	124
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197695		

**AI282**

**ENE**

**OIL\_GAS**

**CAOG11000221705**

1/4 - 1/2 Mile

District nun:	1	Api number:	05907141
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-82W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221705		

**AI283**

**ENE**

**OIL\_GAS**

**CAOG11000221706**

1/4 - 1/2 Mile

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907141
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-82W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000221706		

**AB284  
WNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197682**

District nun:	1	Api number:	05920387
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	510.796
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	137
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197682		

**AB285  
WNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196932**

District nun:	1	Api number:	05907072
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	506.337
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	103
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196932		

**AA286  
SSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000221658**

District nun:	1	Api number:	05907079
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Graham & Loftus	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221658		

**AG287  
SSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000198702**

District nun:	1	Api number:	05921317
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	406.688
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198702		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AG288**

**SSW**

**OIL\_GAS**

**CAOG11000198703**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05921317
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	406.688
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198703		

**AH289**

**NNW**

**OIL\_GAS**

**CAOG11000197155**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907523
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	541.869
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	60
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197155		

**AB290**

**NW**

**OIL\_GAS**

**CAOG11000197315**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907788
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	524.709
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197315		

**AG292**  
**South**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197986**

District nun:	1	Api number:	05920644
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	401.655
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Olinda Two	Wellnumber:	40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197986		

**AG291**  
**South**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197985**

District nun:	1	Api number:	05920644
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	401.655
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003198.ssf	Wellnumber:	40
Leasename:	Olinda Two	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197985		

**AJ293  
NNW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000196960

District nun:	1	Api number:	05907148
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	561.087
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	96
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000196960		

**294**

**South**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000221933

District nun:	1	Api number:	05907625
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	16
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221933		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**295**

**ENE**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000221707**

District nun:	1	Api number:	05907142
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-83W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221707		

**AD296**

**West**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000194524**

District nun:	1	Api number:	05900033
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	475.321
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	112
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000194524		

**AJ297**

**NNW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196961**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907149
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	535.925
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	105
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196961		

### AH298

NW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197246

District nun:	1	Api number:	05907626
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	525.852
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197246		

### AB299

NW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000221639

District nun:	1	Api number:	05907039
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	23
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221639		

**300  
SW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000222009**

District nun:	1	Api number:	05907753
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Graham-Loftus Oil Corp.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Graham Loftus	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222009		

**AH301  
NW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197774**

District nun:	1	Api number:	05920461
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	518.211
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	68
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197774		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AK302**

**NW**

**OIL\_GAS**

**CAOG11000197313**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907786
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	516.94
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197313		

**AL303**

**SSW**

**OIL\_GAS**

**CAOG11000221944**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907658
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda Two	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221944		

**AF304**

**WSW**

**OIL\_GAS**

**CAOG11000196936**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907087
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	463.75
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Naranjal	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196936		

### AM305

**West**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196927**

District nun:	1	Api number:	05907063
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	479.303
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	78
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196927		

### AM306

**WNW**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197270**

District nun:	1	Api number:	05907663
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	488.421
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	108
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197270		

### AN307

#### North

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197146

District nun:	1	Api number:	05907514
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	562.149
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	55
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197146		

### AF308

#### WSW

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198288

District nun:	1	Api number:	05920889
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	469.044
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	153
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198288		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AC309**

**North**

**OIL\_GAS**

**CAOG11000197147**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907515
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	521.761
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197147		

**AO310**

**NE**

**OIL\_GAS**

**CAOG11000196955**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907140
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	550.909
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	81
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196955		

**AJ311**

**North**

**OIL\_GAS**

**CAOG11000197154**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907522
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	544.116
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	59
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197154		

### AM312

#### West

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000194518

District nun:	1	Api number:	05900027
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	469.794
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	79
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWD
Site id:	CAOG11000194518		

### AK313

#### WNW

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197271

District nun:	1	Api number:	05907664
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	513.833
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	125
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197271		

### AN314

#### North

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197148

District nun:	1	Api number:	05907516
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	545.936
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	57
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197148		

### AP315

#### NNW

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197149

District nun:	1	Api number:	05907517
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	544.308
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197149		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AQ316**

**WNW**

**OIL\_GAS**

**CAOG11000197683**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05920388
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	510.972
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	138
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197683		

**AI317**

**ENE**

**OIL\_GAS**

**CAOG11000221708**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907143
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	84
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221708		

**AM318**

**West**

**OIL\_GAS**

**CAOG11000221650**

**1/4 - 1/2 Mile**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907062
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	77
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221650		

### AQ319

#### WNW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198760

District nun:	1	Api number:	05921389
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	509.221
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07007199.ssf		
Leasename:	100 Acre	Wellnumber:	163
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198760		

### AK320

#### NW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197308

District nun:	1	Api number:	05907779
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	528.533
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07007199.ssf	Wellnumber:	45
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197308		

### AM322

West

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198555

District nun:	1	Api number:	05921164
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	472.81
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	159
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198555		

### AM321

West

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198554

District nun:	1	Api number:	05921164
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	472.81
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	159
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198554		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AR323**

**WSW**

**OIL\_GAS**

**CAOG11000198095**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05920744
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	459.336
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	62
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198095		

**AR324**

**WSW**

**OIL\_GAS**

**CAOG11000197586**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05920292
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	457.47
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197586		

**AQ325**

**WNW**

**OIL\_GAS**

**CAOG11000195104**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05900851
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	502.962
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	129
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000195104		

### AK326

NW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197314

District nun:	1	Api number:	05907787
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	519.847
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	53
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197314		

### AK327

WNW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000221935

District nun:	1	Api number:	05907628
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	19
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221935		

**AR328  
WSW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198359

District nun:	1	Api number:	05920952
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	455.246
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	69
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198359		

**AR329  
WSW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198360

District nun:	1	Api number:	05920953
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	455.824
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	70
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198360		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AR330**

**WSW**

**OIL\_GAS**

**CAOG11000221652**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907065
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	80-C
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221652		

**AL331**

**SSW**

**OIL\_GAS**

**CAOG11000221657**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907078
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Graham & Loftus	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221657		

**AO332**

**NE**

**OIL\_GAS**

**CAOG11000197061**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907272
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	551.16
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197061		

### AK333

**NW**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197316**

District nun:	1	Api number:	05907789
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	526.585
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	55
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197316		

### AJ334

**NNW**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196957**

District nun:	1	Api number:	05907145
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	531.959
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011207.ssf	Wellnumber:	92
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196957		

**AR335  
WSW**

**OIL\_GAS**

**CAOG11000198729**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05921338
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Thompson Energy Res, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	459.174
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Union-Naranjal	Wellnumber:	73
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198729		

**AR336  
WSW**

**OIL\_GAS**

**CAOG11000222006**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907748
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	80-B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222006		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AS337**

**NNE**

**OIL\_GAS**

**CAOG11000197130**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907499
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	568.41
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197130		

**AN338**

**North**

**OIL\_GAS**

**CAOG11000196990**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907187
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	552.919
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	22B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196990		

**AT339**

**NNE**

**OIL\_GAS**

**CAOG11000197121**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907490
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	578.284
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197121		

**AR340**  
**WSW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000222005**

District nun:	1	Api number:	05907747
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	80-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222005		

**AU341**  
**NE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196956**

District nun:	1	Api number:	05907144
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	552.065
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011187.ssf	Wellnumber:	85
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196956		

### AN342

#### North

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197296

District nun:	1	Api number:	05907738
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	513.296
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	30B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197296		

### AL343

#### SSW

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000221932

District nun:	1	Api number:	05907624
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221932		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AN344**

**North**

**OIL\_GAS**

**CAOG11000196725**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05906691
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	547.858
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	21B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196725		

**AT345**

**NNE**

**OIL\_GAS**

**CAOG11000196726**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05906692
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	557.079
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	25B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196726		

**AR346**

**WSW**

**OIL\_GAS**

**CAOG11000221651**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907064
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	80
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221651		

**AK347  
NW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000221936**

District nun:	1	Api number:	05907629
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221936		

**AQ348  
WNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196915**

District nun:	1	Api number:	05907040
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	519.13
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	24
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196915		

### AM349

#### West

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000196939

District nun:	1	Api number:	05907099
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	478.847
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	113
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196939		

### AV350

#### North

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197151

District nun:	1	Api number:	05907519
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	550.398
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	53
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197151		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AS351**

**NNE**

**OIL\_GAS**

**CAOG11000197120**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907489
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	577.448
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	S-16W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197120		

**AN352**

**North**

**OIL\_GAS**

**CAOG11000196729**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05906695
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	563.873
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	35B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196729		

**AP353**

**NNW**

**OIL\_GAS**

**CAOG11000197219**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907600
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	559.212
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197219		

**354  
SW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000221659**

District nun:	1	Api number:	05907080
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Graham & Loftus	Wellnumber:	52
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221659		

**AP355  
NW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197266**

District nun:	1	Api number:	05907656
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	556.272
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003198.ssf	Wellnumber:	65
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197266		

**AO357  
NE**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197919

District nun:	1	Api number:	05920585
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	554.172
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	S-5W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197919		

**AO356  
NE**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197918

District nun:	1	Api number:	05920585
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	554.172
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	S-5W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197918		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AO359**

**NE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197132**

District nun:	1	Api number:	05907500
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	566.498
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	S-30W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197132		

**AO358**

**NE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197131**

District nun:	1	Api number:	05907500
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	566.498
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	S-30W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197131		

**AO360**

**NE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197059**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907270
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	557.284
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	5-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197059		

**AQ361**  
**WNW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196933**

District nun:	1	Api number:	05907073
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	519.308
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	104
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196933		

**AM362**  
**West**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196925**

District nun:	1	Api number:	05907060
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	484.019
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	73
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196925		

**AO363  
NE**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000197058**

District nun:	1	Api number:	05907269
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	551.812
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197058		

**AW364  
WSW**

1/4 - 1/2 Mile

**OIL\_GAS**

**CAOG11000194526**

District nun:	1	Api number:	05900036
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	464.425
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	117
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000194526		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AW365**

**West**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196926**

District nun:	1	Api number:	05907061
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	476.66
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	74
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196926		

**AU366**

**ENE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000222315**

District nun:	1	Api number:	05920573
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-1W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222315		

**AU367**

**ENE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000222316**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920573
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	S-1W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222316		

**AX368**  
**North**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196731**

District nun:	1	Api number:	05906697
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	523.432
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	38B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196731		

**AS369**  
**NNE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197119**

District nun:	1	Api number:	05907488
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	572.253
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011247.ssf	Wellnumber:	15
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197119		

### AT370

#### NNE

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197297

District nun:	1	Api number:	05907739
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	620.979
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	31B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197297		

### AQ371

#### WNW

#### 1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197317

District nun:	1	Api number:	05907790
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	521.83
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	56
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197317		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AY372**

**West**

**OIL\_GAS**

**CAOG11000194517**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05900026
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	491.571
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	72
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000194517		

**AQ374**

**WNW**

**OIL\_GAS**

**CAOG11000198552**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05921162
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	516.389
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	157
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198552		

**AQ373**

**WNW**

**OIL\_GAS**

**CAOG11000198551**

**1/4 - 1/2 Mile**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921162
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	516.389
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	157
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198551		

### AS375

**NE**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197062**

District nun:	1	Api number:	05907273
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	605.712
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197062		

### AN376

**North**  
**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196733**

District nun:	1	Api number:	05906699
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	575.218
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011207.ssf	Wellnumber:	42B
Leasename:	Olinda	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196733		

**AS377**

**NNE**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196713**

District nun:	1	Api number:	05906678
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	618.64
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	4B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196713		

**AY378**

**WNW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000196935**

District nun:	1	Api number:	05907075
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	499.88
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	109
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196935		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AP379**

**NNW**

**OIL\_GAS**

**CAOG11000197144**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907512
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	529.61
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197144		

**AZ380**

**NW**

**OIL\_GAS**

**CAOG11000198645**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05921280
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	522.691
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	72
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198645		

**AZ381**

**NW**

**OIL\_GAS**

**CAOG11000197310**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907783
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	533.109
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197310		

**AZ382**  
**NW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197304**

District nun:	1	Api number:	05907775
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	529.02
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	41
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197304		

**AR383**  
**WSW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196937**

District nun:	1	Api number:	05907088
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	459.971
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	6
Leasename:	Naranjal	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196937		

**AS384  
NNE**

**OIL\_GAS**

**CAOG11000196714**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05906679
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	615.877
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	5B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196714		

**AS385  
NNE**

**OIL\_GAS**

**CAOG11000196728**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05906694
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	643.729
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	33B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196728		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**AV386**

**North**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196721**

District nun:	1	Api number:	05906686
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	579.106
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	14B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196721		

**BA387**

**ENE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197236**

District nun:	1	Api number:	05907616
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	496.245
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	89
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197236		

**AS388**

**NNE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196988**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907183
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	586.802
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	1B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196988		

**AX389**  
**North**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000196727**

District nun:	1	Api number:	05906693
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	599.987
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	28B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196727		

**BB390**  
**NNW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000194573**

District nun:	1	Api number:	05900203
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	566.15
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003198.ssf	Wellnumber:	64
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000194573		

### AS391

NE

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197118

District nun:	1	Api number:	05907487
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	580.937
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197118		

### AU392

NE

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197060

District nun:	1	Api number:	05907271
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	551.087
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197060		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AV393**

**NNW**

**OIL\_GAS**

**CAOG11000196949**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907135
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	571.24
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	76
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196949		

**AV394**

**North**

**OIL\_GAS**

**CAOG11000197152**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907520
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	568.62
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197152		

**BC395**

**WNW**

**OIL\_GAS**

**CAOG11000196916**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907041
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	515.468
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196916		

### BB396

NNW

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198707

District nun:	1	Api number:	05921321
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	564.739
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	75
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198707		

### AW397

West

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000198319

District nun:	1	Api number:	05920909
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	467.667
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	154
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198319		

**BA398  
ENE**

**OIL\_GAS**

**CAOG11000197234**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907614
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	523.696
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	87
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197234		

**AW399  
WSW**

**OIL\_GAS**

**CAOG11000221649**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907059
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	70
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221649		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**BB400**

**NNW**

**OIL\_GAS**

**CAOG11000197153**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907521
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	558.766
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	58
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197153		

**AX401**

**North**

**OIL\_GAS**

**CAOG11000197295**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05907737
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	568.135
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	26B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197295		

**AS402**

**NNE**

**OIL\_GAS**

**CAOG11000196716**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906681
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	620.968
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	7B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196716		

**BC403**  
**WNW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000222625**

District nun:	1	Api number:	05921630
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	309
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3980		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222625		

**BD404**  
**NE**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197063**

District nun:	1	Api number:	05907274
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	633.689
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011247.ssf	Wellnumber:	12
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197063		

**BC405  
WNW**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000194530

District nun:	1	Api number:	05900041
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	505.337
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	130
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000194530		

**AS406  
NNE**

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000196717

District nun:	1	Api number:	05906682
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	596.281
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	9B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196717		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BE407**

**West**

**OIL\_GAS**

**CAOG11000217285**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05900037
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Crestmont Oil & Gas Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	118
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000217285		

**BF408**

**North**

**OIL\_GAS**

**CAOG11000196730**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05906696
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	585.445
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	36B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196730		

**AX409**

**North**

**OIL\_GAS**

**CAOG11000198118**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920755
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	564.52
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	45B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198118		

**BB410  
NW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197305**

District nun:	1	Api number:	05907776
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	544.045
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197305		

**BB411  
NNW  
1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000197218**

District nun:	1	Api number:	05907599
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	567.76
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	15
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197218		

### BF412

North

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000197298

District nun:	1	Api number:	05907740
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	597.9
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	41B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197298		

### AY413

West

1/4 - 1/2 Mile

OIL\_GAS

CAOG11000221648

District nun:	1	Api number:	05907057
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	67
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221648		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BC414**

**WNW**

**OIL\_GAS**

**CAOG11000222253**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05920389
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	141
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222253		

**AW415**

**WSW**

**OIL\_GAS**

**CAOG11000198556**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05921165
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	462.571
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	160
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198556		

**BD416**

**NE**

**OIL\_GAS**

**CAOG11000196989**

**1/4 - 1/2 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907184
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	599.32
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Olinda	Wellnumber:	2B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196989		

**BE417**  
West  
1/4 - 1/2 Mile

**OIL\_GAS      CAOG11000196924**

District nun:	1	Api number:	05907058
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	484.894
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	68
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196924		

**BE418**  
West  
1/4 - 1/2 Mile

**OIL\_GAS      CAOG11000197269**

District nun:	1	Api number:	05907662
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	468.973
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	69
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197269		

**419  
ESE**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000222026**

District nun:	1	Api number:	05907795
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Core Hole O. L. C.	Wellnumber:	C
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000222026		

**BC420  
WNW**

**1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000197247**

District nun:	1	Api number:	05907630
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	513.748
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197247		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**AZ421**

**NW**

**OIL\_GAS**

**CAOG11000194688**

**1/4 - 1/2 Mile**

District nun:	1	Api number:	05900419
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	536.326
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	57
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194688		

**BG422**

**ENE**

**OIL\_GAS**

**CAOG11000197223**

**1/2 - 1 Mile**

District nun:	1	Api number:	05907604
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	550.194
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011177.ssf		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197223		

**BG423**

**NE**

**OIL\_GAS**

**CAOG11000305955**

**1/2 - 1 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907268
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000305955		

**AX424**  
**North**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196722**

District nun:	1	Api number:	05906687
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	611.297
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	15B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196722		

**AZ425**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222620**

District nun:	1	Api number:	05921628
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	304
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	3500		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222620		

**BD426  
NE**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197064

District nun:	1	Api number:	05907275
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	648.837
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197064		

**BF427**

North

1/2 - 1 Mile

OIL\_GAS

CAOG11000196720

District nun:	1	Api number:	05906685
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	604.369
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	13B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196720		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BH428**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000194531**

District nun:	1	Api number:	05900042
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	503.001
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	135
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000194531		

**BI429**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000198093**

District nun:	1	Api number:	05920743
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	586.074
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	164
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198093		

**BI430**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000198094**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920743
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	586.074
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	164
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198094		

**BD431**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196723**

District nun:	1	Api number:	05906689
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	640.956
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	19B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196723		

**AX432**  
**North**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196715**

District nun:	1	Api number:	05906680
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	567.057
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011207.ssf	Wellnumber:	6B
Leasename:	Olinda	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196715		

**BI433**

**NNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197141**

District nun:	1	Api number:	05907509
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	586.411
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197141		

**BJ434**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197318**

District nun:	1	Api number:	05907791
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	540.75
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	58
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197318		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**BI435**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000196959**

District nun:	1	Api number:	05907147
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	560.26
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	94
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196959		

**BF436**  
**North**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000196734**

District nun:	1	Api number:	05906700
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	605.684
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	43B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196734		

**BB437**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197321**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907794
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	557.263
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	63
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197321		

**AZ438  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197253**

District nun:	1	Api number:	05907637
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	581.16
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197253		

**BD439  
NE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221419**

District nun:	1	Api number:	05906677
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	3B
Leasename:	Olinda	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221419		

**BD440  
NE**

1/2 - 1 Mile

OIL\_GAS

CAOG11000221715

District nun:	1	Api number:	05907185
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	Not Reported		
Leasename:	Olinda	Wellnumber:	8B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221715		

**BC441**

**WNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000194515

District nun:	1	Api number:	05900021
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	501.402
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000194515		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**BF442**  
**North**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000196942**

District nun:	1	Api number:	05907127
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	602.261
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	66
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196942		

**BK443**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197122**

District nun:	1	Api number:	05907491
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	634.235
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197122		

**BL444**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197254**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907638
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	539.563
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	29
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197254		

**BA445**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197235**

District nun:	1	Api number:	05907615
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	497.962
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	88
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197235		

**BG446**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197284**

District nun:	1	Api number:	05907720
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	592.858
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011187.ssf	Wellnumber:	1
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197284		

**BM447  
ENE**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000197233**

District nun:	1	Api number:	05907613
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	534.716
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	86
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197233		

**448**

**North**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000196732**

District nun:	1	Api number:	05906698
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	566.224
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	39B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196732		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BK449**

**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197894**

District nun:	1	Api number:	05920572
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	616.494
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	S-3W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197894		

**BK450**

**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197895**

District nun:	1	Api number:	05920572
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	616.494
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	S-3W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197895		

**BF451**

**North**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221420**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906688
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda	Wellnumber:	16B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221420		

**BI452**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197217**

District nun:	1	Api number:	05907598
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	590.995
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197217		

**BN453**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000194689**

District nun:	1	Api number:	05900421
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	465.262
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	121
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000194689		

**BF454**  
North  
1/2 - 1 Mile

**OIL\_GAS      CAOG11000196719**

District nun:	1	Api number:	05906684
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	618.072
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	12B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196719		

**BG455**  
ENE  
1/2 - 1 Mile

**OIL\_GAS      CAOG11000197896**

District nun:	1	Api number:	05920574
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	550.357
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	S-2W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197896		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BG456**

**ENE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197897**

District nun:	1	Api number:	05920574
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	550.357
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	S-2W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197897		

**BO457**

**NNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197312**

District nun:	1	Api number:	05907785
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	578.544
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	51
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197312		

**BP458**

**West**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000194527**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05900038
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	479.42
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	119
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000194527		

**BC459  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221624**

District nun:	1	Api number:	05906975
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221624		

**460  
SW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221656**

District nun:	1	Api number:	05907077
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	27
Leasename:	Graham & Loftus	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221656		

**BO461  
NNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197320

District nun:	1	Api number:	05907793
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	577.387
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	62
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197320		

**BN462  
WSW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000196938

District nun:	1	Api number:	05907089
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	455.598
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Naranjal	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196938		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BP463**  
West  
1/2 - 1 Mile

**OIL\_GAS      CAOG11000221646**

District nun:	1	Api number:	05907055
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	62
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221646		

**BJ464**  
NW  
1/2 - 1 Mile

**OIL\_GAS      CAOG11000197311**

District nun:	1	Api number:	05907784
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	557.914
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	50
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197311		

**BP465**  
West  
1/2 - 1 Mile

**OIL\_GAS      CAOG11000196923**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907054
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	480.192
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196923		

**BN466**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000217284**

District nun:	1	Api number:	05900025
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	65
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000217284		

**BH467**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196931**

District nun:	1	Api number:	05907071
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	499.421
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	102
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196931		

**BQ468  
NNE**

1/2 - 1 Mile

OIL\_GAS

CAOG11000198191

District nun:	1	Api number:	05920814
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	705.329
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	46B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198191		

**BJ469**

NW

1/2 - 1 Mile

OIL\_GAS

CAOG11000197844

District nun:	1	Api number:	05920518
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	554.06
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	70
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197844		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BJ470**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197309**

District nun:	1	Api number:	05907782
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	558.82
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	48
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197309		

**BI471**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197140**

District nun:	1	Api number:	05907508
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	589.298
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	45
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197140		

**BJ472**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222287**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920492
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	69
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222287		

**BK473**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196735**

District nun:	1	Api number:	05906701
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	711.642
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	44B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000196735		

**474**  
**SE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222031**

District nun:	1	Api number:	05907801
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	82-17
Leasename:	Olinda Fee Four Probe Hole	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000222031		

**BM475  
ENE**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197224

District nun:	1	Api number:	05907605
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	547.377
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197224		

**BN476**

West

1/2 - 1 Mile

OIL\_GAS

CAOG11000221647

District nun:	1	Api number:	05907056
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	63
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221647		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BK477**

**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197123**

District nun:	1	Api number:	05907492
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	635.382
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197123		

**BJ478**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222024**

District nun:	1	Api number:	05907780
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222024		

**BK479**

**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196718**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906683
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	697.911
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	11B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196718		

**BH480  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000194521**

District nun:	1	Api number:	05900030
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	492.673
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000194521		

**BI481  
NNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196941**

District nun:	1	Api number:	05907126
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	612.981
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011207.ssf	Wellnumber:	65
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196941		

**BG482  
ENE**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197286

District nun:	1	Api number:	05907723
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	607.093
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197286		

**BL483**

NW

1/2 - 1 Mile

OIL\_GAS

CAOG11000197252

District nun:	1	Api number:	05907636
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	550.476
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197252		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**BG484**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197285**

District nun:	1	Api number:	05907721
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	605.3
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197285		

**BJ485**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000198706**

District nun:	1	Api number:	05921320
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	580.941
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	74
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000198706		

**BR486**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197429**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920140
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	627.532
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	108
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197429		

**BK487**

**NE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197240**

District nun:	1	Api number:	05907619
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	645.208
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	99W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000197240		

**BK489**

**NE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197242**

District nun:	1	Api number:	05907619
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	645.208
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011247.ssf	Wellnumber:	99W
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000197242		

**BK490  
NE**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197241

District nun:	1	Api number:	05907619
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	645.208
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	99W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000197241		

**BK488**

NE

1/2 - 1 Mile

OIL\_GAS

CAOG11000197239

District nun:	1	Api number:	05907619
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	645.208
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	99W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000197239		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**BR491**  
**North**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000196724**

District nun:	1	Api number:	05906690
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	641.177
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	20B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196724		

**BK492**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197243**

District nun:	1	Api number:	05907620
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	650.993
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	100
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197243		

**BQ493**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000221716**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907186
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda	Wellnumber:	17B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221716		

**BS494**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000217282**

District nun:	1	Api number:	05900022
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000217282		

**BJ495**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197255**

District nun:	1	Api number:	05907639
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	563.534
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003198.ssf	Wellnumber:	30
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197255		

**BJ496  
NW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000194512

District nun:	1	Api number:	05900016
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	563.044
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	66
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000194512		

**BR497  
North**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197294

District nun:	1	Api number:	05907735
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	640.443
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Olinda	Wellnumber:	10B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197294		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BT498**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197249**

District nun:	1	Api number:	05907632
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	544.215
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	23
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197249		

**BR499**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197272**

District nun:	1	Api number:	05907665
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	595.87
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197272		

**500**  
**South**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222022**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907770
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	20
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000222022		

**BL501  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221538**

District nun:	1	Api number:	05906894
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	147
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221538		

**BT502  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000217434**

District nun:	1	Api number:	05900420
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	59
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000217434		

**BO503  
NNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000221928

District nun:	1	Api number:	05907588
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221928		

**BO504  
NW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000222025

District nun:	1	Api number:	05907781
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	47
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222025		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**BL505**  
**NW**  
1/2 - 1 Mile

**OIL\_GAS**      **CAOG11000222268**

District nun:	1	Api number:	05920438
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	257
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222268		

**BU506**  
**NNW**  
1/2 - 1 Mile

**OIL\_GAS**      **CAOG11000197248**

District nun:	1	Api number:	05907631
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	607.336
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197248		

**BO507**  
**NNW**  
1/2 - 1 Mile

**OIL\_GAS**      **CAOG11000197265**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907649
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	645.882
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197265		

**BS508**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221539**

District nun:	1	Api number:	05906895
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	148
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221539		

**BN509**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197374**

District nun:	1	Api number:	05920082
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	468.054
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003168.ssf	Wellnumber:	545
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWD
Site id:	CAOG11000197374		

**BN510  
West**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197375

District nun:	1	Api number:	05920082
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	468.054
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	545
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWD
Site id:	CAOG11000197375		

**BO511  
NNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197307

District nun:	1	Api number:	05907778
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	652.284
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197307		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**BP512**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000196922**

District nun:	1	Api number:	05907052
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	467.478
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	57
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196922		

**BS513**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000198320**

District nun:	1	Api number:	05920910
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	502.888
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	155
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198320		

**BV514**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000194511**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05900015
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	625.269
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	61
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000194511		

**BR515  
NNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196958**

District nun:	1	Api number:	05907146
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	599.897
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	93
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196958		

**BU516  
NNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197138**

District nun:	1	Api number:	05907506
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	594.068
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011207.ssf	Wellnumber:	42
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197138		

**BS517  
WNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000222507

District nun:	1	Api number:	05921533
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	285
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3471		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222507		

**BT518**

NW

1/2 - 1 Mile

OIL\_GAS

CAOG11000198705

District nun:	1	Api number:	05921319
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Freeport-McMoRan Oil & Gas LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	565.905
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	73
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000198705		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**BO519**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197258**

District nun:	1	Api number:	05907642
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	663.489
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197258		

**BU520**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000221929**

District nun:	1	Api number:	05907591
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221929		

**BO521**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197212**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907592
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	652.658
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197212		

**BU522**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221927**

District nun:	1	Api number:	05907587
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221927		

**BV523**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197214**

District nun:	1	Api number:	05907594
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	671.215
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	10
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197214		

### BW524

#### West

#### 1/2 - 1 Mile

OIL\_GAS

CAOG11000196921

District nun:	1	Api number:	05907049
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	480.911
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	49
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196921		

### BW525

#### WNW

#### 1/2 - 1 Mile

OIL\_GAS

CAOG11000194516

District nun:	1	Api number:	05900024
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	500.559
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	54
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000194516		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BR526**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196948**

District nun:	1	Api number:	05907134
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	652.242
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	75
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000196948		

**BX527**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197278**

District nun:	1	Api number:	05907668
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	549.18
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	106
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000197278		

**BY528**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197301**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907768
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	727.311
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	24B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197301		

**BY529  
NE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197281**

District nun:	1	Api number:	05907671
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	726.247
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	101B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197281		

**BS530  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000217283**

District nun:	1	Api number:	05900023
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	39
Leasename:	100 Acre	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000217283		

**BY531  
NE**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197300

District nun:	1	Api number:	05907767
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	701.4
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	18B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197300		

**BZ532**

West

1/2 - 1 Mile

OIL\_GAS

CAOG11000221645

District nun:	1	Api number:	05907053
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	100 Acre	Wellnumber:	59
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221645		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**BT533**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197250**

District nun:	1	Api number:	05907634
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	587.431
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	25
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197250		

**534**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000222379**

District nun:	1	Api number:	05920936
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	134
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000222379		

**BX535**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197231**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907612
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	517.061
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	73W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197231		

**BX536**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197232**

District nun:	1	Api number:	05907612
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	517.061
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	73W
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197232		

**CA539**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197276**

District nun:	1	Api number:	05907666
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	636.844
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011187.ssf	Wellnumber:	102
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000197276		

**CA538  
NE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197273**

District nun:	1	Api number:	05907666
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	636.844
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	102
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000197273		

**CA537  
NE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197274**

District nun:	1	Api number:	05907666
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	636.844
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	102
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000197274		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CA540**

**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197275**

District nun:	1	Api number:	05907666
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	636.844
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	102
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000197275		

**BS541**

**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000194525**

District nun:	1	Api number:	05900035
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	500.459
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	116
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000194525		

**BV542**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197256**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907640
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	654.101
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197256		

**BU543  
NNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221937**

District nun:	1	Api number:	05907633
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	24
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221937		

**BV544  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197215**

District nun:	1	Api number:	05907596
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	666.17
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	12
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197215		

**BY545  
NE**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197606

District nun:	1	Api number:	05920312
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	632.502
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	112
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197606		

**BT546**

NW

1/2 - 1 Mile

OIL\_GAS

CAOG11000221701

District nun:	1	Api number:	05907123
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221701		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BV547**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197319**

District nun:	1	Api number:	05907792
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	617.605
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	60
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197319		

**BW548**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221665**

District nun:	1	Api number:	05907086
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Narnajal	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221665		

**BU549**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197210**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907589
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	650.025
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197210		

**BU550  
NNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197139**

District nun:	1	Api number:	05907507
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	629.614
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197139		

**BX551  
ENE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197244**

District nun:	1	Api number:	05907621
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	682.277
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011247.ssf	Wellnumber:	104
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197244		

**BZ552**  
**West**

1/2 - 1 Mile

OIL\_GAS

CAOG11000221667

District nun:	1	Api number:	05907091
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221667		

**BU553**  
**NNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197213

District nun:	1	Api number:	05907593
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	675.101
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197213		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**BR554**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197277**

District nun:	1	Api number:	05907667
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	645.682
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	103
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197277		

**CB555**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221930**

District nun:	1	Api number:	05907595
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221930		

**CC556**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000196918**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907045
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	504.653
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003168.ssf		
Leasename:	100 Acre	Wellnumber:	41
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000196918		

**BS558**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222621**

District nun:	1	Api number:	05921629
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	302
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3810		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000222621		

**BS557**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222622**

District nun:	1	Api number:	05921629
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	302
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	3810		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000222622		

**BS560**

**WNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222623**

District nun:	1	Api number:	05921629
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	302
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3810		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000222623		

**BS559**

**WNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222624**

District nun:	1	Api number:	05921629
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	302
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3810		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000222624		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**CC561**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000221663**

District nun:	1	Api number:	05907084
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Narnajal	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221663		

**CD562**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000217286**

District nun:	1	Api number:	05900044
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	89
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000217286		

**BU563**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000221926**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907586
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Columbia	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221926		

**BZ564**  
**WSW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221666**

District nun:	1	Api number:	05907090
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Narnajal	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221666		

**CE565**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000218609**

District nun:	1	Api number:	05901918
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	92
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000218609		

**CB566  
NNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000197261

District nun:	1	Api number:	05907645
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	715.678
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197261		

**BY567**

NE

1/2 - 1 Mile

OIL\_GAS

CAOG11000197279

District nun:	1	Api number:	05907669
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	655.53
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	102B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197279		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**568**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197280**

District nun:	1	Api number:	05907670
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	785.582
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	103B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197280		

**CD570**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000222247**

District nun:	1	Api number:	05920370
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	244
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222247		

**CD569**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000222246**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920370
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	244
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222246		

**BY571**  
**NE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197222**

District nun:	1	Api number:	05907603
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	749.568
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Olinda	Wellnumber:	32B
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197222		

**CF572**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197230**

District nun:	1	Api number:	05907611
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	540.607
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011187.ssf	Wellnumber:	72W
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000197230		

**573  
ESE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221998**

District nun:	1	Api number:	05907733
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	4 A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221998		

**BX574  
ENE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197225**

District nun:	1	Api number:	05907606
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	519.931
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197225		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CG575**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000221560**

District nun:	1	Api number:	05906915
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	159
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221560		

**CG576**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197251**

District nun:	1	Api number:	05907635
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	631.527
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003198.ssf		
Leasename:	Columbia	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197251		

**CC577**

**WNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000221699**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907121
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	33
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221699		

**CH578  
NNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197209**

District nun:	1	Api number:	05907585
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	647.463
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197209		

**CH579  
NNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197136**

District nun:	1	Api number:	05907504
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	5
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	633.606
Locationde:	Not Reported		
Gissourcec:	gps		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011207.ssf	Wellnumber:	37
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197136		

**CI580  
ENE**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000197238**

District nun:	1	Api number:	05907618
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	717.852
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	98
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197238		

**CB581  
NNW**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000197260**

District nun:	1	Api number:	05907644
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	714.202
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197260		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**CH582**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197211**

District nun:	1	Api number:	05907590
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	697.839
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197211		

**CJ583**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000220767**

District nun:	1	Api number:	05905590
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220767		

**CF584**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000221995**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907722
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221995		

**CH585  
NNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197143**

District nun:	1	Api number:	05907511
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	5
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	644.598
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011207.ssf		
Leasename:	Not Reported	Wellnumber:	48
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197143		

**CI588  
ENE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000198559**

District nun:	1	Api number:	05921169
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	712.803
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011247.ssf	Wellnumber:	141
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198559		

**CI587  
ENE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000198558**

District nun:	1	Api number:	05921169
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	712.803
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	141
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198558		

**CI586  
ENE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000198557**

District nun:	1	Api number:	05921169
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	712.803
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	141
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000198557		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CI589**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197432**

District nun:	1	Api number:	05920142
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	713.072
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	110
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197432		

**CI590**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197433**

District nun:	1	Api number:	05920142
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	713.072
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	110
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197433		

**CB591**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197306**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907777
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	700.907
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197306		

**CF592**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197289**

District nun:	1	Api number:	05907726
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	517.37
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197289		

**CK593**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197257**

District nun:	1	Api number:	05907641
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	658.523
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07003188.ssf	Wellnumber:	32
Leasename:	Columbia	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197257		

**CI594**

**ENE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197237**

District nun:	1	Api number:	05907617
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	553.405
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	97
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197237		

**CB595**

**NNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197264**

District nun:	1	Api number:	05907648
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	736.369
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	39
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197264		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CI596**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197605**

District nun:	1	Api number:	05920311
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	544.41
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011247.ssf		
Leasename:	Not Reported	Wellnumber:	111
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197605		

**CJ597**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000220762**

District nun:	1	Api number:	05905585
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	19
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000220762		

**CE598**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222153**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920073
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	221
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222153		

**CJ599**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000220760**

District nun:	1	Api number:	05905583
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220760		

**CL600**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222267**

District nun:	1	Api number:	05920437
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	256
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222267		

**CM602  
NW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000221542

District nun:	1	Api number:	05906897
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	150
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221542		

**CM601**

NW

1/2 - 1 Mile

OIL\_GAS

CAOG11000221541

District nun:	1	Api number:	05906897
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	150
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221541		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**CN603**

**ENE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197226**

District nun:	1	Api number:	05907607
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	528.478
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197226		

**604**

**NNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000197263**

District nun:	1	Api number:	05907647
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	720.812
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	38
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197263		

**CG605**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000221960**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907683
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	39
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221960		

**CL606**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221576**

District nun:	1	Api number:	05906928
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	173
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221576		

**CK607**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221544**

District nun:	1	Api number:	05906899
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	152
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221544		

**CO608  
WNW**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000221662**

District nun:	1	Api number:	05907083
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Narnajal	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221662		

**CP609**

**East**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000197287**

District nun:	1	Api number:	05907724
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	548.669
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197287		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**CP610**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197229**

District nun:	1	Api number:	05907610
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	586.789
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	64
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197229		

**CG611**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000221491**

District nun:	1	Api number:	05906848
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	91
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221491		

**CN612**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000198560**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921170
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	530.722
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	144
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000198560		

**CL613  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222160**

District nun:	1	Api number:	05920081
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	223
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222160		

**CL614  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222161**

District nun:	1	Api number:	05920081
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	223
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222161		

**CL615  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222164**

District nun:	1	Api number:	05920107
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	225
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222164		

**CM617  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222270**

District nun:	1	Api number:	05920439
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	258
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222270		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CM616**

**NW**

**OIL\_GAS**

**CAOG11000222269**

**1/2 - 1 Mile**

District nun:	1	Api number:	05920439
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	258
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222269		

**CN618**

**ENE**

**OIL\_GAS**

**CAOG11000197685**

**1/2 - 1 Mile**

District nun:	1	Api number:	05920391
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	530.263
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	117
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000197685		

**CO619**

**WNW**

**OIL\_GAS**

**CAOG11000221543**

**1/2 - 1 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906898
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	151
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221543		

**CN620**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197228**

District nun:	1	Api number:	05907609
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	532.619
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	63
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197228		

**CM621**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222522**

District nun:	1	Api number:	05921541
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	292
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	3458		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222522		

### CM622

NW

1/2 - 1 Mile

OIL\_GAS

CAOG11000222523

District nun:	1	Api number:	05921541
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	292
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3458		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222523		

### CQ623

NW

1/2 - 1 Mile

OIL\_GAS

CAOG11000221702

District nun:	1	Api number:	05907124
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	36
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221702		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CK624**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000221535**

District nun:	1	Api number:	05906891
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	144
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221535		

**CM625**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222209**

District nun:	1	Api number:	05920277
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	232
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222209		

**CL626**

**WNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222163**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920088
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	224
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222163		

### CP627

**East**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222010**

District nun:	1	Api number:	05907754
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222010		

### CO628

**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222243**

District nun:	1	Api number:	05920361
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	247
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222243		

**CQ629**

**WNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222158**

District nun:	1	Api number:	05920080
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	222
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222158		

**CQ630**

**WNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222159**

District nun:	1	Api number:	05920080
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	222
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222159		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CK631**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197259**

District nun:	1	Api number:	05907643
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	696.42
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	34
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197259		

**CM632**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222519**

District nun:	1	Api number:	05921540
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	290
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	5083		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222519		

**CM634**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222521**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921540
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	290
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	5083		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222521		

**CM633  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222520**

District nun:	1	Api number:	05921540
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	290
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	5083		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222520		

**635  
West  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000220764**

District nun:	1	Api number:	05905587
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	22
Leasename:	Naranjal	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220764		

**CP636**

**East**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222017**

District nun:	1	Api number:	05907761
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222017		

**CR637**

**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222517**

District nun:	1	Api number:	05921539
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	291
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3600		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000222517		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**CR638**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000222518**

District nun:	1	Api number:	05921539
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	291
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3600		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000222518		

**CP639**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197292**

District nun:	1	Api number:	05907729
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	612.654
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	39
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197292		

**CR640**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000222516**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921538
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	289
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3469		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222516		

**CS643  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222612**

District nun:	1	Api number:	05921627
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	301
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3593		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222612		

**CS642  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222615**

District nun:	1	Api number:	05921627
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	301
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	3593		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222615		

**CS641  
NW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000222614

District nun:	1	Api number:	05921627
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	301
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3593		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222614		

**CS644  
NW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000222613

District nun:	1	Api number:	05921627
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	301
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3593		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222613		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CS647**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222616**

District nun:	1	Api number:	05921627
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	301
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222616		

**CS648**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222617**

District nun:	1	Api number:	05921627
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	301
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222617		

**CS645**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222618**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921627
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	301
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222618		

**CS646  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222619**

District nun:	1	Api number:	05921627
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	301
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000222619		

**CQ649  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222300**

District nun:	1	Api number:	05920525
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	266
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222300		

**CS650  
NW**

**OIL\_GAS**

**CAOG11000221540**

**1/2 - 1 Mile**

District nun:	1	Api number:	05906896
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	149
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221540		

**CP651  
East**

**OIL\_GAS**

**CAOG11000197293**

**1/2 - 1 Mile**

District nun:	1	Api number:	05907730
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	555.137
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	44
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197293		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CR653**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221476**

District nun:	1	Api number:	05906835
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	77
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000221476		

**CR652**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221475**

District nun:	1	Api number:	05906835
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	77
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000221475		

**CT654**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222015**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907759
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222015		

**CT655**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222019**

District nun:	1	Api number:	05907763
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222019		

**656**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221700**

District nun:	1	Api number:	05907122
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	34
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221700		

**CR658  
WNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000222266

District nun:	1	Api number:	05920436
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	255
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222266		

**CR657  
WNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000222265

District nun:	1	Api number:	05920436
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	255
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222265		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CQ659**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222293**

District nun:	1	Api number:	05920521
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	262
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222293		

**CQ660**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222294**

District nun:	1	Api number:	05920521
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	262
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222294		

**CU661**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000221472**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906833
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	75
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221472		

**CQ663**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222296**

District nun:	1	Api number:	05920522
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	263
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222296		

**CQ662**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222295**

District nun:	1	Api number:	05920522
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	263
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222295		

**664  
NNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197262**

District nun:	1	Api number:	05907646
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	760.788
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07003188.ssf		
Leasename:	Columbia	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197262		

**CS665  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221501**

District nun:	1	Api number:	05906859
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221501		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CQ666**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222297**

District nun:	1	Api number:	05920523
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	264
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222297		

**CQ667**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222298**

District nun:	1	Api number:	05920523
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	264
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222298		

**668**  
**ESE**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197303**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907771
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	16
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	609.358
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	85601278.ssf		
Leasename:	Not Reported	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000197303		

**CU669  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222299**

District nun:	1	Api number:	05920524
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	265
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222299		

**CT670  
East  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222021**

District nun:	1	Api number:	05907765
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	12
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222021		

**CU671  
NW**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000221577**

District nun:	1	Api number:	05906929
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	174
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221577		

**CU672**

**NW**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000221574**

District nun:	1	Api number:	05906927
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	172
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221574		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**CU673**

**NW**

**OIL\_GAS**

**CAOG11000221575**

**1/2 - 1 Mile**

District nun:	1	Api number:	05906927
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	172
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221575		

**CU674**

**NW**

**OIL\_GAS**

**CAOG11000222208**

**1/2 - 1 Mile**

District nun:	1	Api number:	05920276
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	231
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222208		

**CU675**

**NW**

**OIL\_GAS**

**CAOG11000222200**

**1/2 - 1 Mile**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05920235
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	235
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222200		

**CU676  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222201**

District nun:	1	Api number:	05920235
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	235
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222201		

**677  
ENE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197291**

District nun:	1	Api number:	05907728
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	547.243
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	07011187.ssf	Wellnumber:	38
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000197291		

**CT678**

**East  
1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222014**

District nun:	1	Api number:	05907758
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222014		

**CS679**

**NW  
1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222244**

District nun:	1	Api number:	05920362
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	248
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222244		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CS680**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221526**

District nun:	1	Api number:	05906884
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	137
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221526		

**CT681**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197288**

District nun:	1	Api number:	05907725
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	535.181
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	28
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197288		

**CV682**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222659**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05921701
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	754' KB
Locationde:	Not Reported		
Gissourcec:	sum		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	311
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	31-AUG-11
Welldeptha:	5592		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222659		

**CS683**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000221548**

District nun:	1	Api number:	05906903
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	122
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221548		

**684**

**West**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000220759**

District nun:	1	Api number:	05905582
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	16
Leasename:	Naranjal	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000220759		

**CT685  
East**

1/2 - 1 Mile

OIL\_GAS

CAOG11000222020

District nun:	1	Api number:	05907764
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222020		

**686  
NNW**

1/2 - 1 Mile

OIL\_GAS

CAOG11000221433

District nun:	1	Api number:	05906737
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	K & J Oil Co Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	5
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Marc	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221433		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CV688**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221478**

District nun:	1	Api number:	05906836
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	78
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000221478		

**CV689**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221479**

District nun:	1	Api number:	05906836
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	78
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000221479		

**CV687**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221477**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906836
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	78
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AWF
Site id:	CAOG11000221477		

**CV690**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221566**

District nun:	1	Api number:	05906921
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	166
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221566		

**CT691**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222011**

District nun:	1	Api number:	05907755
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	2
Leasename:	Not Reported	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222011		

**CW692**

**NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000221554**

District nun:	1	Api number:	05906909
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	8
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	128
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221554		

**CX693**

**ESE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000221999**

District nun:	1	Api number:	05907734
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Any Field
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	5 A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221999		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**CY694**  
**WSW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000221676**

District nun:	1	Api number:	05907101
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	42
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000221676		

**CZ695**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000222013**

District nun:	1	Api number:	05907757
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	4
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222013		

**CZ696**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000222018**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907762
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222018		

**CY697**  
**WSW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000217277**

District nun:	1	Api number:	05900008
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	42-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000217277		

**CV698**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000217288**

District nun:	1	Api number:	05900046
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	219
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000217288		

**CT699**

**East**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222012**

District nun:	1	Api number:	05907756
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222012		

**CZ700**

**East**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222016**

District nun:	1	Api number:	05907760
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	ExxonMobil Corporation		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	7
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222016		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**CZ701**

East  
1/2 - 1 Mile

OIL\_GAS      CAOG11000197290

District nun:	1	Api number:	05907727
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Breitburn Operating L.P.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	526.504
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000197290		

**DA702**

WNW  
1/2 - 1 Mile

OIL\_GAS      CAOG11000222248

District nun:	1	Api number:	05920371
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	249
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222248		

**DB703**

East  
1/2 - 1 Mile

OIL\_GAS      CAOG11000222000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907741
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	W 3-A
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222000		

**704  
ESE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197302**

District nun:	1	Api number:	05907769
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	16
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	729.923
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	85601278.ssf		
Leasename:	Not Reported	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000197302		

**DA705  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221573**

District nun:	1	Api number:	05906926
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	171
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221573		

**DA707  
WNW**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000222504**

District nun:	1	Api number:	05921531
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	283
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3910		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222504		

**DA706  
WNW**

1/2 - 1 Mile

**OIL\_GAS**

**CAOG11000222503**

District nun:	1	Api number:	05921531
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	283
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	3910		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PWF
Site id:	CAOG11000222503		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**708**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000219512**

District nun:	1	Api number:	05903751
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Naranjal	Wellnumber:	21
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000219512		

**DC709**  
**NNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222651**

District nun:	1	Api number:	05921672
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	5
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	unk		
Comments:	Not Reported		
Leasename:	Tonner-Stearns	Wellnumber:	101
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	5585		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222651		

**CZ710**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222051**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907821
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	22
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222051		

**CX711**  
East  
1/2 - 1 Mile

**OIL\_GAS      CAOG11000222065**

District nun:	1	Api number:	05907834
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	35
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222065		

**CZ712**  
East  
1/2 - 1 Mile

**OIL\_GAS      CAOG11000222041**

District nun:	1	Api number:	05907811
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	12
Leasename:	Olinda One	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222041		

**DD713  
NW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000221703**

District nun:	1	Api number:	05907125
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	37
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221703		

**CZ714**

**East**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222038**

District nun:	1	Api number:	05907808
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222038		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**DE715**

East  
1/2 - 1 Mile

OIL\_GAS      CAOG11000197227

District nun:	1	Api number:	05907608
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	634.975
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	07011187.ssf		
Leasename:	Not Reported	Wellnumber:	40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000197227		

**CW716**

NW  
1/2 - 1 Mile

OIL\_GAS      CAOG11000221623

District nun:	1	Api number:	05906974
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221623		

**DB717**

East  
1/2 - 1 Mile

OIL\_GAS      CAOG11000222001

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907742
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	B
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	W 3
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222001		

**718  
SSE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000220224**

District nun:	1	Api number:	05904801
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	J. H. Fawcett		
County name:	Orange	Fieldname:	Coyote, East
Area name:	Any Area	Section:	17
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Belton Estate	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000220224		

**CW719  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221525**

District nun:	1	Api number:	05906883
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	136
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221525		

**CZ720**

**East**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222061**

District nun:	1	Api number:	05907830
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	31
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222061		

**DB721**

**East**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222077**

District nun:	1	Api number:	05907846
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	103
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222077		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**DD724**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221499**

District nun:	1	Api number:	05906857
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	99
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000221499		

**DD722**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221497**

District nun:	1	Api number:	05906857
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	99
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000221497		

**DD723**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221498**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906857
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	99
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	AWF
Site id:	CAOG11000221498		

### CZ725

East  
1/2 - 1 Mile

OIL\_GAS

CAOG11000222040

District nun:	1	Api number:	05907810
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	11
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222040		

### DC726

NNW  
1/2 - 1 Mile

OIL\_GAS

CAOG11000222656

District nun:	1	Api number:	05921697
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	N
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	5
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	788' KB
Locationde:	Fr NE cor Stearns lse 149'Sly along the Ely lse line & 182'Wly.		
Gissourcec:	sum		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	103
Leasename:	Tonner-Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	31-OCT-11
Confidenti:	N		
Welldeptha:	4991		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	AOG
Site id:	CAOG11000222656		

### CZ727

East  
1/2 - 1 Mile

OIL\_GAS

CAOG11000222042

District nun:	1	Api number:	05907812
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	13
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222042		

### CZ728

East  
1/2 - 1 Mile

OIL\_GAS

CAOG11000222073

District nun:	1	Api number:	05907842
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	43
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222073		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**DE729**

**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222055**

District nun:	1	Api number:	05907825
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	26
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222055		

**DF730**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221521**

District nun:	1	Api number:	05906879
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	132
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221521		

**731**

**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221967**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907690
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	46
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221967		

**DF732  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221520**

District nun:	1	Api number:	05906878
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	I
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	131
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221520		

**DG733  
ESE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000197268**

District nun:	1	Api number:	05907659
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	16
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	657.825
Locationde:	Not Reported		
Gissourcec:	gps		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	85601278.ssf	Wellnumber:	42-16
Leasename:	Olinda Four	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000197268		

### DH734

WNW

1/2 - 1 Mile

OIL\_GAS

CAOG11000222515

District nun:	1	Api number:	05921537
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	288
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	4762		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	POG
Site id:	CAOG11000222515		

### DI735

East

1/2 - 1 Mile

OIL\_GAS

CAOG11000222039

District nun:	1	Api number:	05907809
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	10
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222039		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**DH736**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221950**

District nun:	1	Api number:	05907675
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	198
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221950		

**DH737**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221961**

District nun:	1	Api number:	05907684
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	40
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221961		

**DI738**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222062**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05907831
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	32
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222062		

**DF739  
NW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000221524**

District nun:	1	Api number:	05906882
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	135
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221524		

**DJ741  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000222350**

District nun:	1	Api number:	05920843
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	269
Leasename:	Stearns	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	2737		
Abandonedd:	Not Reported	Completion:	08-NOV-12
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222350		

**DJ740  
WNW  
1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222349**

District nun:	1	Api number:	05920843
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	269
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	2737		
Abandonedd:	Not Reported	Completion:	08-NOV-12
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000222349		

**DI742  
East  
1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000222045**

District nun:	1	Api number:	05907815
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Aera Energy LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	9
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Olinda One	Wellnumber:	16
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000222045		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**DG743**

**SE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000197245**

District nun:	1	Api number:	05907623
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Olinda Land Co.		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	16
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	599.428
Locationde:	Not Reported		
Gissourcec:	gps		
Comments:	85601278.ssf		
Leasename:	Not Reported	Wellnumber:	12
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000197245		

**DH744**

**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000221697**

District nun:	1	Api number:	05907119
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	P
Operator name:	Tonner Hills SSP, LLC		
County name:	Orange	Fieldname:	Brea-Olinda
Area name:	Any Area	Section:	7
Township:	03S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	215
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000221697		

**DJ745**

**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000221565**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	1	Api number:	05906920
Blm well:	N	Redrill can:	Not Reported
Dryhole:	N	Well status:	A
Operator name:	Linn Operating, Inc.	Fieldname:	Brea-Olinda
County name:	Orange	Section:	7
Area name:	Any Area	Range:	09W
Township:	03S	Elevation:	Not Reported
Base meridian:	SB		
Locationde:	Not Reported		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Stearns	Wellnumber:	165
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000221565		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92823	5	2

Federal EPA Radon Zone for ORANGE County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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### Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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**APPENDIX D**  
**AGENCY, AND OTHER RECORDS –SITE**



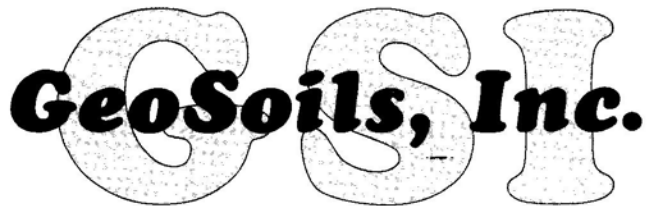
PHASE I ENVIRONMENTAL  
SITE ASSESSMENT - BREA EAST SITE  
OLINDA TWO AND OLINDA FEE THREE  
OIL FIELDS,  
ORANGE COUNTY, CALIFORNIA

July 20, 1992

GSI Work Order No. 2356-A1-OC

Prepared for:

**Shell Western E&P, Inc.**  
P.O. Box 11164  
Bakersfield, California 93389



Geotechnical • Geologic • Environmental

1446 East Chestnut Avenue • Santa Ana, California 92701 • (714) 647-0277 • FAX (714) 647-0745

July 20, 1992

Work Order No. 2356-A1-OC

To: Shell Western E&P, Inc. (SWEPI)  
P.O. Box 11164  
Bakersfield, California 93389

Attention: Mr. George L. Basye  
Project Manager

Subject: Phase I Environmental Site Assessment, Brea East Site, Olinda Two and Olinda Fee Three Oil Fields, Orange County, California

GeoSoils, Inc., is pleased to present the results of our Phase I Environmental Site Assessment of the subject site. This study was conducted for the purpose of assessing the potential for the presence of hazardous materials/waste contamination at the subject site.

### SUMMARY

Based upon the information obtained during the course of this investigation, GeoSoils, Inc., presents the following summary of findings and conclusions.

- Current operations appear to be neat with no indications of noncompliance with regulatory requirements.
- Evidence of low-level site contamination appears to be limited to petroleum exploration and production activities. This includes past oil sump reservoirs, drill pads, above ground tank sites, piping areas, pits, sumps and other items typical of oil field production.
- Impact from surrounding government listed sites is considered remote. The closest sites with potential impact are surrounding sites with similar oil field production activities.
- Groundwater does not occur at the site and contamination of groundwater downgradient of the site is not indicated.
- Proposed residential development is considered feasible from an environmental standpoint.
- Planning of structures should consider existing wells and utility easements.

Mr. George Basye  
July 20, 1992  
Page Two

- It is recommended that Phase II site exploration be conducted in specific areas in order to characterize the nature and extent of contamination relative to oil field activities.

We sincerely appreciate this opportunity to be of service. If you have any questions pertaining to this report, please contact the undersigned at (714) 261-6891.

Sincerely,

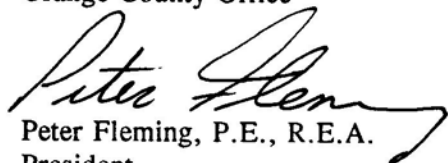
GEOSOILS, INC.



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Peter Fleming, P.E., R.E.A.  
President  
Environmental Services Division

HDP/GCC/PF/agw



TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
1.0 INTRODUCTION .....	1
1.1 Purpose .....	1
1.2 Scope of Work .....	1
2.0 SITE DESCRIPTION AND RECONNAISSANCE OBSERVATIONS .....	2
2.1 Site Location .....	2
2.2 Site Description .....	2
2.3 Surrounding Features and Land Use .....	4
2.4 Summary of Potentially Hazardous Chemicals or Wastes Indicated .....	5
3.0 LOCAL GEOLOGIC AND HYDROGEOLOGIC SETTING .....	7
3.1 Geology .....	7
3.2 Hydrogeology .....	7
4.0 GOVERNMENT RECORDS SEARCH .....	9
4.1 County, State and Federal Agencies .....	9
5.0 HISTORICAL REVIEW .....	12
5.1 Map and Aerial Photo Review .....	12
6.0 CONCLUSIONS AND RECOMMENDATIONS .....	13
6.1 Current Operations .....	13
6.2 Proposed Development .....	14
6.3 Planning and Future Study .....	14
7.0 LIMITATIONS .....	16
8.0 REFERENCES .....	17

Accompanying Figures, Appendices and Map Pocket

Figures

Figure 1 - Site Location Map .....	3
Figure 2 - Oil Sump Map .....	6

Appendices

Appendix A - Test Data and Site Plan Provided by Shell	
Appendix B - Government Records Search, Federal and State	
Appendix C - Orange County Health Care Agency and Fire Department	
Appendix D - Orange County Water District and Regional Water Quality Control Board Records	
Appendix E - Map and Aerial Photo Reference and Summary	
Appendix F - Miscellaneous Map Files	

Map Pocket - Site Plan 200-Scale, Plate I

## 1.0 INTRODUCTION

### 1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) is to provide background information with respect to hazardous materials and waste potential relating to past and current land use. The results of this assessment are intended to be used for project feasibility and planning of proposed residential development.

### 1.2 Scope of Work

The scope of work completed for this study included the following:

- Site reconnaissance conducted on June 6, 1992, and June 18, 1992, with SWEPI's Environmental Coordinator, Ms. Julie Salisbury, and GSI's Geologist, Mr. H.D. Pouncey. A follow-up visit was conducted on 7-9-92.
- Government records search on State and Federal levels, including NPL, CERCLIS, ASPIS, BEP, CORTESE, LUST, SWIS, SWAT, HWIS and SARA-III (see Appendix B).
- State regional and local agency contacts, including SWRCB/RWQCB, Orange County Health Care Agency and Division of Oil and Gas - DOG (see Appendix C).
- Review of Well Water Data provided by Orange County Water District (see Appendix D).
- Review of U.S.G.S. maps and Orange County aerial photos dating from 1938 to 1988. Stereo-pair aerial photos dating from 1928 to 1939 were also reviewed at Whittier College (see Appendix E).
- Preparation of this report presenting our findings, conclusions and recommendations.

This study does not include Phase II sampling or testing of air, soil, groundwater or materials.

## **2.0 SITE DESCRIPTION AND RECONNAISSANCE OBSERVATIONS**

### **2.1 Site Location**

The subject property consists of approximately 165 acres. It is located along the southwestern flank of the Chino Hills along the northeastern outskirts of Brea in Orange County, California. The site is east of Rose Drive at Valencia Avenue and Carbon Canyon Road and on the west side of Carbon Canyon Dam. The site address is unknown (being a part of 4024 Valley View, Yorba Linda, CA 92686 and 2701 Valencia Avenue, Brea 92621). The site location is shown on Figure 1.

### **2.2 Site Description**

The site is comprised of one main south draining canyon and associated tributaries. Drainage is directed southwest and offsite under Rose Drive.

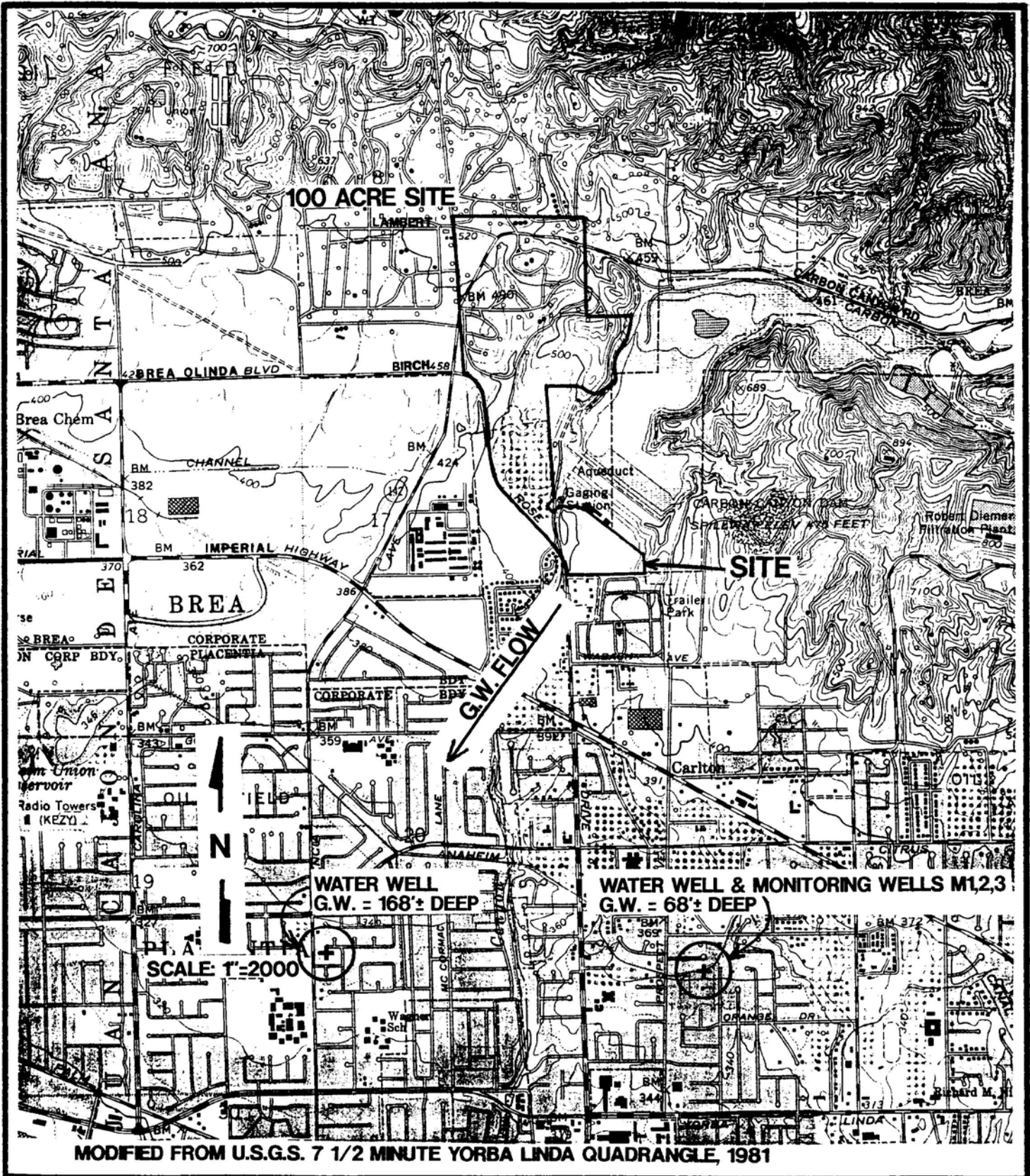
#### **2.2.1 South of Carbon Canyon Road**

The Olinda Oil Field operations include some 85± wells with an array of graded and oiled roads and drill pads. Operational facilities located at the main entrance off Valencia include a wash/holding tank and 3 steam generators that run on natural gas. These generators ran on landfill gas 10± years ago and gas from UNOCAL 4± years ago, and have been idle since the time of the last steam injection.

An array of above ground (AG) piping for steam injection and a well casing vapor recovery (CVR) system was observed. The AG steam piping is insulated for heat retention and looped for expansion. The CVR system includes 5 to 6 headers and 3 to 4 drip areas where vapors were gathered and piped offsite.

The dispersion line transports oil offsite and its easement includes incoming gas and water lines. This major pipeline easement is located at the southern end of the property.

The powerline easement is along Valencia Avenue and there is a transformer substation on site. According to SWEPI, transformers at this site have been replaced with modern transformers that do not contain Polychlorinated Biphenyls (PCBs).



**SITE LOCATION MAP  
BREA EAST**

**GeoSoils, Inc.**

DATE 7-20-92

W.O. NO. 2356-A1-OC

Geotechnical Engineering • Engineering Geology

H-729

A construction yard located near well 61 currently contains empty 17H drums that were utilized in the past (1988±) to store used capacitors containing PCB's. These capacitors have been hauled offsite and properly disposed of according to SWEPI.

According to SWEPI, two (2) concrete lined pits or vaults with a metal grading cover were located northwest of well 2-24 and north of well 2-30. Past use is unknown.

According to SWEPI, header manifolds may occasionally leak product and have drip areas. Notable leaks have occurred near wells 3-37 and 2-43.

According to SWEPI, an existing septic system used to serve a maintenance building located in the wash/holding tank area near the main entrance off Valencia Avenue. It is now disconnected.

The southern end of the site is situated at Carbon Canyon Dam and is used for citrus orchards and a small nursery located below the dam crest.

#### 2.2.2 North of Carbon Canyon Road

Facilities north of Carbon Canyon Road include some 19± wells, 2 compressors and an abandoned AG tank farm that contained three tanks for petroleum product storage. The two compressors, #1 and #2, are part of the Casing Vapor Recovery System (CVR) that serve as booster pumps in shipping recovered vapors to SWEPI's Brea site and ultimately to Union Stearns Plant (UNOCAL) in Brea.

According to SWEPI, the three AG tanks were removed in April, 1990. The tanks were found to contain 20± year old drill muds. The tanks and the materials contained in them were properly disposed of. The drill muds were disposed of by Laidlaw as non-hazardous at the BKK Landfill.

This area receives storm water runoff from Santa Fe Energy located to the north. A crude oil spillage during a heavy rainfall was reported about 2 years ago.

#### 2.3 Surrounding Features and Land Use

Land use north and west of the site is dominated by oil well production with secondary agricultural use consisting of nurseries, orchards and row crops.

A major industrial complex is located southwest of the site between Rose Drive and Valencia Avenue, less than one-quarter mile away.

The Carbon Canyon Flood Control Basin and Dam is located along the eastern perimeter of the site and a portion of the site is situated in front of the dam.

The Brea-Olinda Landfill is located approximately 1/2-mile north of the property.

The Chino Hills State Park and undeveloped land, including Telegraph Canyon, is located to the northeast.

#### 2.4 Summary of Potentially Hazardous Chemicals and/or Contamination During Site Reconnaissance

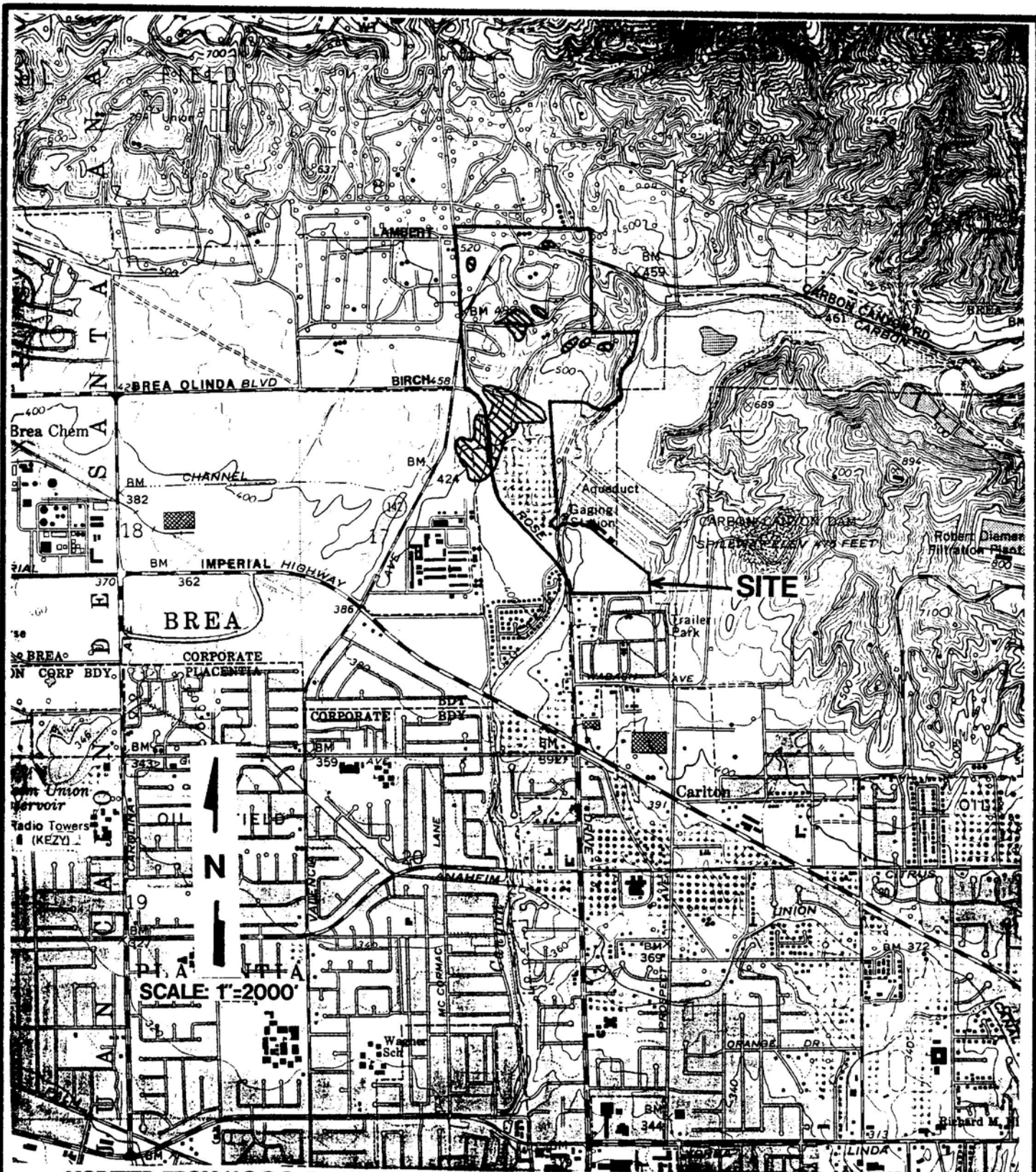
The areas of concern observed during our site reconnaissance, discussions with SWEPI personnel and aerial photo review include the following:

- Scattered petroleum hydrocarbon soil staining resulting from general operations.
- Possible methane and hydrogen sulfide gas in the area of the holding tanks, as indicated by the posted warning signs.
- Old sumps associated with drilling pads and production sites are shown in Figure 2. In addition to petroleum hydrocarbons, old sumps often contain metals such as As, Ba, Pb, Cr, etc.
- Petroleum hydrocarbon contamination in soil around AG storage tanks.
- Petroleum hydrocarbon contamination in soil in areas of former AG tanks as located by aerial photo studies and discussions with SWEPI personnel.

Records from Shell indicate tank bottom sludges are nonhazardous with respect to CAC Metals, Chlorinated Organics and PCB's, and bioassay. Analytical results and a site plan provided by SWEPI are included in Appendix A.


A tank removal indicated for this site address at 2701 Valencia (3000 Valencia in County records) was conducted offsite on the 100-acre parcel at the northwest corner of Lambert and Valencia Avenue. Three tanks were pulled (gasoline and diesel). Diesel contamination down to 80± feet deep was explored and characterized and left in-place as a County approved no-action alternative (see Orange County records, Appendix C, Case #88UTZ1). **Note that the location map in Appendix C is incorrect. The site is located at the northwest corner of Lambert and Valencia.**





MODIFIED FROM U.S.G.S. 7 1/2 MINUTE YORBA LINDA QUADRANGLE, 1981

### OIL SUMP MAP

 EXPLANATION  
APPROXIMATE LOCATION OF OIL  
SUMPS IDENTIFIED ON SITE

DATE 7-20-92

W.O. NO. 2356-A1-OC

Geotechnical Engineering • Engineering Geology  
H-732

**GeoSoils, Inc.**

### 3.0 LOCAL GEOLOGIC AND HYDROGEOLOGIC SETTING

#### 3.1 Geology

The ridges consist of Tertiary strata assigned to the upper and lower members of the Fernando Formation. These strata dip southwest 20 to 30 degrees. Geologic structure trends northwest and dips southwest and includes homoclinal strata and monoclinical blocks offset by generally northwest trending faults with some antithetic faults trending northeast. The Whittier Fault Zone is located approximately 1200 feet north of the site. Oil production zones are located at depths of 2500-3500 feet within the Puente Formation and probably occur as stratigraphic and fault-related traps. A regional geologic map of the site is included in Appendix F, Miscellaneous Map Files. The canyons consist primarily of Terrace Deposits and Quaternary Alluvium.

#### 3.2 Hydrogeology

Groundwater at the site is unknown. The site is not located within a recognized groundwater basin, but is located along the northern periphery of the Orange County Coastal Plan Aquifer. The recognized groundwater basin area encroaches onto the south half of the site near Carbon Canyon Dam. Groundwater flows to the southwest.

According to the Orange County Water District (OCWD), the closest drinking water wells are located within a mile to the south where water levels range from 68 to 168 feet deep. These wells are located at a lower surface elevation as indicated on Figure 1. Also, OCWD monitoring well cluster (M1, M2 and M3) indicates high electrical conductivity from mineral salts ranging from 945 to 1643, slightly in excess of maximum state drinking water standard of 1600 mmhos/mhos/cm. The well M3 indicated a trace of vinyl chloride and Trichlorofluoromethane (Freon 11) which are below maximum contaminant levels of 0.0005 mg/l and 0.15 mg/l, respectively.

The 1991 updated Groundwater Management Plan of Orange County does not indicate this as a baseline project for either water hardness or organics. It does indicate this general area as a potential project for future desalting plants.

Water well data and the approximate location of wells and groundwater depths are included in Appendix D and summarized on the Site Location Map, Figure 1. A groundwater summary is presented below:



**GROUNDWATER SUMMARY**

<b>LOCATION</b>	<b>ELEVATION</b>	<b>GROUNDWATER DEPTH</b>	<b>GROUNDWATER QUALITY</b>
Site	400-500'	No Groundwater	Not Applicable
Water well, over mile, downgradient to southwest of site	335'	168'	Meets drinking water standards
Water well and monitoring clusters M1, M2 and M3, one mile to south of site	356'	68'	Meets drinking water standards, slightly in excess of water hardness standards

Additionally, studies by others conducted on the 100-acre site across the street, at the northwest corner of Lambert and Valencia (for diesel contamination) indicate that there is no groundwater within 190 feet of the ground surface (see Appendix C).

## 4.0 GOVERNMENT RECORDS SEARCH

### 4.1 County, State and Federal Agencies

A government records search was conducted by Environmental Database Company (EDC) to identify listed contaminated properties on record within a one-mile radius of the property at Rose Drive and Valencia Avenue. The database of the search was compiled from available information from various county, state, and federal government agencies. The results of the government records search which identify the hazardous materials sites are presented in Appendix B. A brief discussion of each adjacent hazardous materials site is presented below, as based on information provided by EDC.

**EPA - CERCLIS:** The EDC shows 2 listings as of December, 1991. This list includes the Brea-Olinda Landfill and Cyanamid Distribution as discovery and preliminary site assessment stages. However, the CERCLIS 1-10-92 update indicates an "N" status of no further remedial action planned. A copy of this list is attached to Appendix B.

**EPA - NPL:** The 1991 version of this list indicates no NPL sites within the area searched.

**Calsites, Cal (formerly Abandoned Site Program Information System, ASPIS):** There are 8 Calsites listed in the area searched. However, "No Further Action" status has been assigned to each (see Appendix C).

**Annual Workplan, AWP (formerly California Bond Expenditure Plan, BEP):** No targeted cleanup sites are located within the searched areas (see Appendix C). However, 4 Orange County active cleanup sites are located in Brea. Two are miles distant to the west and two are close by. The two close by include the following:

1. Olinda Associates Properties, northeast of Carbon Canyon Road and Valencia, Brea, 92621 (Case #911C56). This property is closest, located immediately north of the property. Discussions with Orange County personnel Steve Sharp and Mark Sutphin indicate this site is on record for crude oil contamination clean-up for land redevelopment. It is currently in the preliminary assessment stages.
2. Blaisdell Manufacturing Facility, 3160-B Enterprise Street, Brea 92621 (Case #911C55). This site is located approximately 1/4 ± mile west of Rose Drive and Valencia Avenue. This site is also cross-referenced on HWIS.

A list of Orange County Cleanup Sites, 4 pages, is attached to Appendix C.

**California - CORTESE (Hazardous Waste and Substances Sites List Pursuant to AB 3750):** Based on the January 1991 edition of the Cortese list, there are 2 Cortese sites within the searched areas indicated as tank leaks. The Shell Service Station [SIC, there is no "Shell Service Station" located here] listing at 2701 Valencia Avenue is also listed under LUST and probably related to the diesel fuel site characterization.

**California LUST:** The LUST list dated January of 1992 indicates 6 listed sites within the area searched. All 6 sites are listed for soil only, affected (not groundwater). The Shell site at 2701 Valencia is indicated as pollution characterization stage and 4 of the other sites are signed off indicating remedial action has been completed or is unnecessary. The Unocal site at 525 Valencia is under preliminary assessment and is located downgradient from the property.

**SWIS AND SWAT:** The Orange County Olinda-Alpha Landfill is located in Brea, approximately 1/2-mile north of the site. Wastes received include agricultural, construction demolition, dead animals, industrial process, mixed municipal and tires. Aerial photos indicated landfill operations were in progress by 1938.

**Hazardous Waste Information System (HWIS):** The subject site (under site address 4024 Valley View), as well as 26 other sites, are on the HWIS list within the searched areas. The identification of a HWIS site does not confirm a release or health hazard exists; it only confirms the identification of a generator, transporter or disposer of hazardous waste as defined under California Hazardous Waste Control Law (HWCL). The sites are listed for information purposes only as required by standard procedures. The listed sites are presented in Appendix C.

**SARA, TITLE III:** Only 1 SARA site is located at the edge of the area searched, Union Chemicals Division at 2601 Imperial Highway. It is also cross-referenced for LUST with a No Further Action status.

**County of Orange, Health Care Agency:** A formal request for a review of records for 2 site addresses in regard to unauthorized releases of hazardous materials and on-going investigations pertaining to the site was completed. Records reviewed include both 2701 Valencia, Brea and 4024 Valley View, Yorba Linda. Excerpts from these records are included in Appendix C, and a review of these records is summarized below:

**Site Address - 2701 Valencia, Brea, California:** These records include approximately 300 + pages regarding the LUST diesel fuel contamination offsite at the "100-acre" parcel northwest of Valencia and Carbon Canyon. The diesel contamination was discovered on February 23, 1988, subsequently investigated by various consultants (ERI, ENSR and M&E) and a No Action Alternative was approved on August 20, 1991. A copy of Orange County conditional approval and portions of M&E reports are included in Appendix C.

**Site Address - 4024 Valley View, Yorba Linda, California:** These records include 52 pages covering both the Yorba Linda Oil Field and this site as summarized below:

- Orange County EMA correspondence dated 4-22-86 and 4-18-86 meeting minutes of safety, environmental and other issues concerning Brea site at Carbon Canyon and Valencia. Shell agreed to conduct soil tests and County agreed to show City of Brea copies of Shell's permits (see Appendix A for tests conducted on tank bottom sludge).
- County Health Underground Tank cleanup records indicates 1,000 gallon tank was pulled on 12-10-90 near a demolished house area. Tank was over 28-years-old and pitted with 10 holes, but there was no indication of contamination. Case closed by County. -- NOTE this is also located on the northwest corner of Lambert and Valencia site, 100-acre parcel, outside of study limits.

A portion of these file records discussed above are included in Appendix C and tests conducted by Shell are included in Appendix A.

**Orange County Fire Department (OCFD):** A request for a review of records for the subject site was sent on June 12, 1992 and response received back on June 30, 1992. From 1985 to present, the OCFD has no record on file of any incidents. A copy of this response is included in Appendix C.

**Orange County Water District:** The site is located at a higher elevation and up-gradient of known groundwater wells and outside of the Orange County groundwater basin. Records obtained from the Orange County Water District (OCWD) indicate groundwater depths of 68 to 168 feet deep at wells located at lower elevations approximately one mile southwest and south of the property. A cluster of wells near Prospect Avenue north of Yorba Linda Boulevard indicate traces of organic compounds. However, concentrations are below Maximum Contaminant Levels (MCL's) and were not found when rechecked. Copies of OCWD well data are included in Appendix D.

**Regional Water Quality Control Board (RWQCB):** Region 8 of the RWQCB was contacted for information regarding the site. Based on discussions with Dennis Merklin on 7-14-92 at (714) 782-4130/4434 no information or files are on record for the subject site. Contaminated sites known in the surrounding area are consistent with the record search conducted by EDC for this study (see Appendix B). Also, a site plan showing known contaminated sites in the vicinity is included in Appendix D.

**Division of Oil and Gas (DOG):** The DOG maintains well maps, and Map #106 covers this site and can be purchased for \$3.00 by contacting the DOG at 245 W. Broadway, Suite 475, Long Beach, CA 90802, Telephone (213) 590-5309. This map indicates 73± wells recorded on Olinda Fee Three and 50± wells recorded on Olinda Two. The DOG also has well abandonment permit requirements and limits habitable structures being placed over abandoned wells. Of the 123± wells, approximately 56± are indicated as production wells on Olinda Fee Three and 32± on Olinda Two (see Appendix F, Miscellaneous Map Files).

**Division of Mines and Geology (DMG):** A regional geologic map of the area is found within State DMG Publication Open File Report 84-24 (see Reference 3). A portion of this map showing the site geology is included in Appendix F.

## 5.0 HISTORICAL REVIEW

### 5.1 Map and Aerial Photo Review

The site history is complex as indicated from a series of maps and photos reviewed from 1927 to 1988. A detailed account of the site history and surrounding land development, as indicated from each specific map or photo, is presented in Appendix E and summarized below:

- In 1927, oil field operations were in progress. Facilities included a Main "Oil Sump" Reservoir and other storage sumps, AG tanks, wells and access roads. Operations appear similar from 1927 through 1939. The approximate location of oil sumps identified on site are shown on Figure 2, text, and Plate I, map pocket.
- A series of operations and increased production wells and access roads continues. AG tanks appear and disappear, "Oil Sump" storage reservoirs are gradually phased out during the 1960's.
- The major dispersion, gas and water easement pipeline was under construction in 1959, south of the main "Oil Sump" reservoir and Rose Drive was constructed across the "Oil Sump" reservoir in 1964. Agricultural use of the southern portion was also initiated in 1964. Oil field production facilities and access roads continue to increase from the 1960s± to the 1980s±. Current oil field operations are similar to 1980s with some exception (e.g., the tank farm north of Carbon Canyon Road was removed circa 1988-1992±).
- Additional surrounding developments include the Brea Olinda Landfill to the north in progress by 1938, the Carbon Canyon Flood Control Dam to the east constructed in 1964, surrounding oil field operations primarily to the north and west along with orchards and nurseries and residential developments to the south.

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

### 6.1 Current Operations

The current Shell Oil Field appears to be in compliance with Federal, State and Local Regulatory Requirements with respect to Hazardous Materials Management (HMM) with respect to current land use.

- Applicable permits or procedures for HMM include DOG, AQMD, County DHS and Local/City Requirements which appear to be in compliance.
- Applicable permits or procedures for HWD include CAL EPA RCRA/HWIS identification as a hazardous waste generator (under 4024 Valley View address).
- Oil sump reservoirs and other scattered wastes characteristic of petroleum industry operations include the use of tank bottom sludge as road base and are regulated differently (not an issue) for current land use. However, recent AQMD 1108 rules for emissions, along with SWRCB concerns, have limited current use of tank bottom sludges as road base. The tank bottom sludges tested are considered non-hazardous for current operations, but could be regulated differently per Orange County or even SWRCB/RWQCB under a change in land use in consideration of the high petroleum hydrocarbon content.
- Government records searched indicate the site is not listed as a known contaminated site.
- Government listed sites in the surrounding area include 2-CERCLIS, 8-CALSITES (ASPIS), 2-CORTESE, 6-LUST, 1-SWIS/SWAT, 26-HWIS and 1-SARA. Impact from surrounding sites, according to government records, is considered remote.
- Orange County Health Care and other agency records searched or contacted indicate no outstanding violations or records of noncompliance. A tank pull was completed offsite at the northwest corner of Lambert Road and Valencia Avenue and no contamination was discovered.
- Diesel fuel tank contamination that occurred offsite at the northwest corner of Lambert Road and Valencia Avenue was investigated and approved for "No Action" cleanup.
- A current active cleanup site is located upgradient of the property at the northeast corner of Carbon Canyon Road and Valencia Avenue and could impact the site.
- Groundwater contamination at the site is not indicated from OCWD records as groundwater is not anticipated. High mineral salt content occurs in water wells a mile or more away from the site and a trace of vinyl chloride and trichlorofluoromethane (Freon 11) occurred once. The OCWD does not have a current on-going active cleanup of this water well area, but considers desalinization a potential future project south of the site. The SWRCB/RWQCB has records of surrounding site cleanups, but no record of noncompliance or groundwater contamination for the SWEPI operations or immediate site vicinity.

- History based on map and aerial photo review is complex and includes scattered sites (e.g., drill pads, tank sites, piping areas, pits, sumps, etc.) within the project that should be investigated for contamination and cleanup with the planned change in land use. The largest of these areas are expected to be the "Oil Sump" reservoirs used during past operations. Figure 2 shows the general location of the major sump areas.

## 6.2 Proposed Development

Proposed residential development is considered feasible from an environmental standpoint. However, the proposed change in land use would impact a change in compliance standards with respect to Hazardous Waste Management (HWM). Pertinent impacts include the following:

- Relocation of facilities can result in new permit requirements for HMM and new compliance standards for continued operation in addition to current compliance (Shell is aware of this).
- Facilities and well abandonment in conjunction with planned grading would require remediation of localized low level oil field contaminated soil. This is anticipated to be encountered in relatively large quantities such that the majority would require on-site proven remediation techniques in addition to localized clean-ups, recycling (asphalt, scrap iron, etc.) and offsite hauls (solvents, PCB's, metals, asbestos, etc.).

The governing oversight agency is anticipated to be Orange County Health Care Agency in conjunction with City of Yorba Linda and, although not expected, could result in an oversight by others (e.g., SWRCB/RWQCB for tanks and groundwater, Cal EPA, AQMD, DTSC, DOG for well abandonment, etc. ).

## 6.3 Recommendations

Planning of structures is impacted by existing wells and should comply with well abandonment procedures in accordance with DOG requirements. Habitable structures should not be planned over abandoned wells. Venting systems should be considered in accordance with DOG requirements.

Utility easements on site are primarily associated with the well field operations and include water, steam, gas and electricity. A major pipeline easement is located to the immediate south and west along Valencia Avenue and includes SWEPI dispersion lines. These and other utilities may impact planning and development.

A Phase II site characterization study should be conducted in order to characterize the nature and extent of potential contamination. The focus of this study should be aimed at evaluating the extent and nature of potentially contaminated soils. This work should include drilling, trenching and laboratory testing. Areas first explored should include known past "oil sump" reservoirs and tank farms.

Remediation of contaminated soils, disposal and abandonment procedures during grading and site development should be monitored and documented by the environmental consultant and reported for review by the controlling project oversight authority.



## 7.0 LIMITATIONS

This Environmental Site Assessment (ESA) report was prepared in accordance with current standards of technical practice for determining the potential for contamination.

Findings and conclusions with respect to hazardous waste potential are limited as being based on the scope of work performed.

GeoSoils, Inc. cannot be responsible for conditions or consequences arising from relevant facts that were concealed, withheld or not fully disclosed at the time the work was performed. The ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants which may affect the subject site. Facts, conditions and acceptable risk factors change with time; accordingly this report should be reviewed within this context.

This ESA report has been prepared for the exclusive use of Shell Western E&P, Inc. for this specific project and should not be used by other parties without the written consent of GeoSoils, Inc.

## 8.0 REFERENCES

- Division of Oil and Gas, Map 106, Brea-Olinda and East Coyote, 245 W. Broadway, Suite 475, Long Beach, CA 90802, (213) 590-5309.
- GeoSoils, Inc., 1992, Preliminary Geotechnical Constraints, Brea East Property, Orange County, California, (W.O. 2356-A1-OC), dated June 30, 1992.
- Orange County Water District (O.C.W.D.), 1991, Engineers Report on Groundwater Conditions, Water Supply and Basin Utilization in the Orange County Water District for 1989-90 Period. Corrected copy dated March 14, 1991, 28 p., figures.
- \_\_\_\_, 1990, '91 Update, Groundwater Management Plan, Orange County Water District, 31 pages, 13 Pages, 1991 Update.
- Tan, S.S., Miller, R.V. and Evans, J.R., 1984, Environmental Geology of Parts of the La Habra, Yorba Linda and Prado Dam Quadrangles, Orange County, California: California Division of Mines O.F.R. 84-24.

APPENDIX A  
TEST DATA AND SITE PLAN  
PROVIDED BY SHELL  
5 Pages

**CLIENT:** SHELL WESTERN E&P INC.  
**ATTN:** MS. JULIE SALISBURY  
**SAMPLE ID:** OLINDA OIL  
**MATRIX:** CRUDE OIL SLUDGE

<b>LAB #:</b>	AA14146	<b>COLLECTED:</b>	07/06/90
<b>PROJECT #:</b>	NONE	<b>RECEIVED:</b>	07/06/90
<b>PROJECT NAME:</b>	BREA/OLINDA UNIT	<b>PREPARED:</b>	07/19/90
<b>SPL. PREP. METH.:</b>	EPA-3540	<b>ANALYZED:</b>	07/20/90
<b>GC FILENAME:</b>	SHL14146	<b>REPORTED:</b>	07/23/90

**CAC METALS**
**T.T.L.C.  
(mg/kg)**

Antimony, (EPA 6010)	ND < 5.00
Arsenic, (EPA 7061)	ND < 0.05
Barium, (EPA 6010)	ND < 1.00
Beryllium, (EPA 6010)	ND < 1.00
Cadmium, (EPA 6010)	ND < 0.05
Chromium, Total (EPA 6010)	ND < 0.50
Cobalt, (EPA 6010)	ND < 0.50
Copper, (EPA 6010)	ND < 0.50
Lead, (EPA 6010)	ND < 0.50
Mercury, (EPA 7470)	ND < 0.05
Molybdenum, (EPA 6010)	ND < 1.00
Nickel, (EPA 6010)	ND < 0.50
Selenium, (EPA 7741)	ND < 0.05
Silver, (EPA 6010)	ND < 1.00
Thallium, (EPA 7840)	ND < 1.00
Vanadium, (EPA 6010)	ND < 1.00
Zinc, (EPA 6010)	ND < 0.50

pH, EPA-9045	N/A
Flash Point, EPA-1010	212 F
Total Recoverable Petroleum Hydrocarbons, EPA 418.1	840,000 mg/kg
Density	0.95 g/ml
Cyanide, EPA-9010	ND < 10 mg/kg
Sulfide, EPA-9030	ND < 10 mg/kg

N/A = Not Applicable



# Analytical Report

5200 E. Hunter Street, Suite B Anaheim, California 92807 • 714-777-1425 • 1-800-3 CROSBY • FAX 714-777-3926

ENVIRONMENTAL • CHEMICAL • MICROBIOLOGICAL • TESTING SERVICES

**CLIENT:** SHELL WESTERN E&P INC.  
**ATTN:** MS. JULIE SALISBURY  
**SAMPLE ID:** OLINDA OIL  
**MATRIX:** OILY SLUDGE

<b>LAB #:</b>	AA14146	<b>COLLECTED:</b>	07/06/90
<b>PROJECT #:</b>	NONE	<b>RECEIVED:</b>	07/06/90
<b>PROJECT NAME:</b>	BREA/OLINDA UNIT	<b>PREPARED:</b>	07/19/90
<b>SPL. PREP. METH.:</b>	EPA-3540	<b>ANALYZED:</b>	07/20/90
<b>GC FILENAME:</b>	SHL14146	<b>REPORTED:</b>	06/23/90

## ORGANOCHLORINE PESTICIDES, EPA8080

## RESULTS (µg/kg)

Aldrin	ND < 5
gamma-BHC	ND < 5
Chlordane	ND < 5
4,4'-DDD	ND < 5
4,4'-DDE	ND < 5
4,4'-DDT	ND < 5
Dieldrin	ND < 5
Endrin	ND < 5
Toxaphene	ND < 25
Heptachlor	ND < 5
Heptachlor Epoxide	ND < 5
Methoxychlor	ND < 25
beta-BHC	ND < 5
alpha-BHC	ND < 5
delta-BHC	ND < 5
Endosulfan I	ND < 5
Endosulfan II	ND < 5
Endosulfan Sulfate	ND < 5
PCB 1232	ND < 25
PCB 1242	ND < 25
PCB 1254	ND < 25
PCB 1260	ND < 25
PCB 1221	ND < 25
PCB 1248	ND < 25
PCB 1016	ND < 25

ND denotes Not Detected at the indicated detection limit.

*Cynthia Selassie*  
Cynthia Selassie, PhD  
Laboratory Director

**CLIENT:** SHELL WESTERN E&P, INC.  
**ATTN:** MS. JULIE SALISBURY  
**SAMPLE ID:** OLINDA  
**MATRIX:** SOLID

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<b>LAB #:</b>	AA15410	<b>COLLECTED:</b>	02/14/91
<b>PROJECT #:</b>	NONE	<b>RECEIVED:</b>	02/14/91
<b>PROJECT NAME:</b>	NONE	<b>PREPARED:</b>	03/04/91
<b>SPL. PREP. METH.:</b>	EXTRACTION	<b>ANALYZED:</b>	03/04/91
<b>GC FILENAME:</b>	SHL15410	<b>REPORTED:</b>	03/28/91

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ORGANOCHLORINE PESTICIDES, EPA8080	RESULTS ( $\mu\text{g}/\text{kg}$ )
PCB-1016	ND < 25
PCB-1221	ND < 50
PCB-1232	ND < 25
PCB-1242	ND < 25
PCB-1248	ND < 25
PCB-1254	ND < 100
PCB-1260	ND < 25

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ND denotes Not Detected at the indicated detection limit.



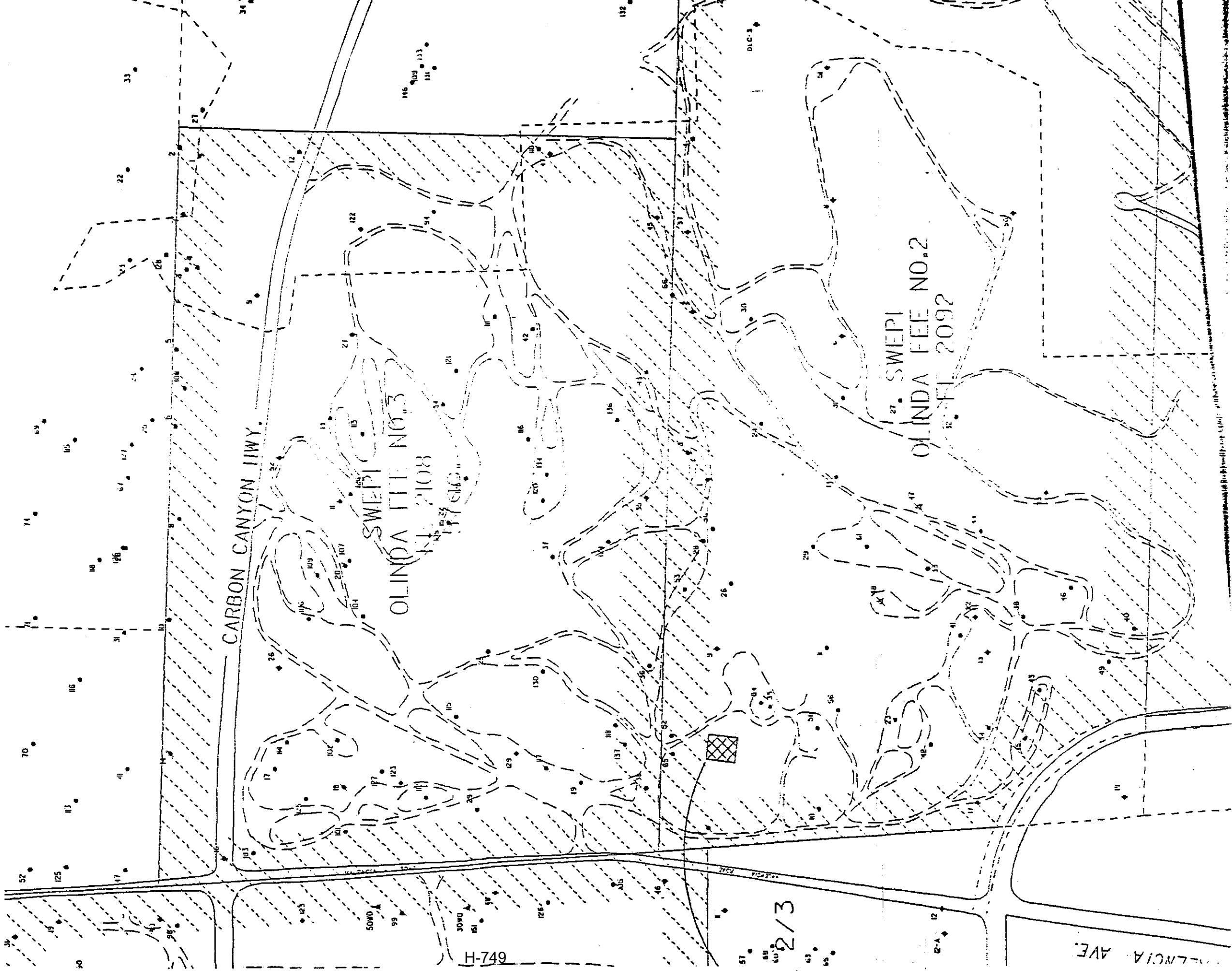
**CLIENT:** SHELL WESTERN E&P, INC.  
**ATTN:** MS. JULIE SALISBURY  
**SAMPLE ID:** OLINDA  
**MATRIX:** LIQUID

<b>LAB #:</b>	AA15410	<b>COLLECTED:</b>	02/14/91
<b>PROJECT #:</b>	NONE	<b>RECEIVED:</b>	02/14/91
<b>PROJECT NAME:</b>	NONE	<b>ANALYZED:</b>	04/01/91
<b>SPL. PREP METH:</b>	BIOASSAY	<b>REPORTED:</b>	04/01/91

**96-HOUR ACUTE AQUATIC TOXICITY**

**SUVIVORSHIP  
%**

250 mg/l	90
500 mg/l	100
750 mg/l	100



CARBON CANYON HWY.

SWEEPED  
OLINDA FEE NO. 2

SWEEPED  
OLINDA FEE NO. 2

H-749

2/3

OLINDA FEE NO. 2



**APPENDIX B**

**GOVERNMENT RECORDS SEARCH**

**FEDERAL AND STATE**

**EDC Report, 4 Pages Text and 15 Pages Data**

**OC Clean-up Sites, 4 Pages**

# Environmental Database Company

**Phase I Environmental Site Assessment  
Federal/State Government Environmental Data Search**

**SWEP1 - BREA EAST  
Valencia Avenue and Rose Drive  
Brea, California**

**For**

**GeoSoils, Inc.  
1446 East Chestnut Avenue  
Santa Ana, California 92701**

**EDC Job No. 110-6  
June 12, 1992**



1133 N. Chester Avenue, Pasadena, CA 91104 • Tel: (818) 798-8010 • Fax: (818) 398-8650

H-751

To: Mr. Skip Pouncey/GeoSoils, Inc.

From: Environmental Database Company

Date: June 12, 1992

### SUMMARY REPORT

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At your request, Environmental Database Company (EDC) submits this report summarizing the compilation of Federal and State government environmental data. The data search covers the area within a one-mile radius of the subject property which is located at:

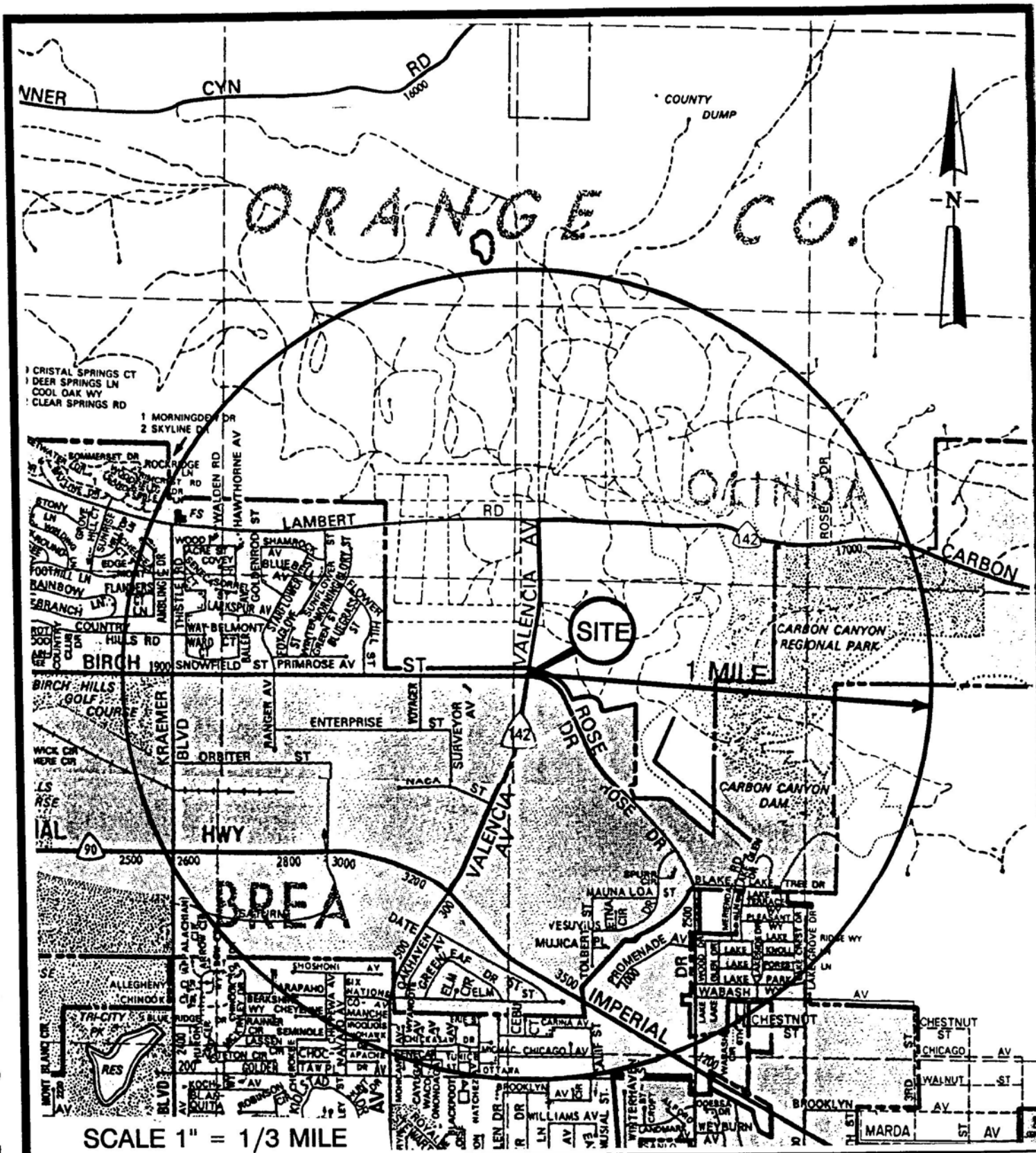
**SWEPI - BREA EAST  
Valencia Avenue & Rose Drive  
Brea, California**

The location of the site and the area searched is shown on Site Map, Figure 1. The data contained in this report is the result of a search of the following lists:

1. National Priorities List (NPL)
2. Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)
3. CalSites (CAL)
4. Annual Workplan (AWP)
5. Hazardous Waste and Substances Sites List (CORTESE)
6. Leaking Underground Storage Tanks (LUST)
7. Solid Waste Information System (SWIS)
8. Solid Waste Assessment Test Program (SWAT)
9. Hazardous Waste Information System (HWIS)
10. Superfund Amendments and Reauthorization Act (SARA), Title III, the Emergency Planning and Community Right-to-Know Act, Section 313.

Different site names, if any, are considered as different sites even they may be listed at the same address. Any individual site may be reported in one or more lists. In total, there are 37 sites identified including 0 NPL, 2 CERCLIS, 8 CAL, 0 AWP, 2 CORTESE, 6 LUST, 1 SWIS, 1 SWAT, 26 HWIS, and 1 SARA sites. The results of this search are presented in the summary table.

Brief description and results of search of each list are attached in appendix for your reference. EDC is aware of additional government environmental data that have not been included in this report and EDC does not guarantee the adequacy of government environmental data. You should recognize that government agencies do not list all sites of environmental contamination. Therefore, this report should not be used as a substitute for a complete Phase I Environmental Site Assessment.



SITE MAP

SWEP1 - BREAEAST  
 Valencia Avenue & Rose Drive  
 Brea, California

ENVIRONMENTAL DATABASE COMPANY

JOB NO. 110-6

FIGURE 1

**SUMMARY TABLE**

**SWEPI - BREA EAST  
Valencia Avenue & Rose Drive  
BREA, California**

ID	SITE	ADDRESS	CITY	ZIP	H P L	C E R C L L S	C A L	A W P	C O R T E S E	L U S T	S U A T	S M I S	H U I S	S A R A
1	SOUTHERN CALIFORNIA GAS CO	2191 BIRCH ST E	BREA							*				
2	TX PAUL MUNROE ENERTECH	2950 BIRCH ST E	BREA	92621									*	
3	BECKMAN INSTRUMENTS	3300 BIRCH ST E	BREA	92635					*				*	
4	UNION NARANJAL WELL #72 & 73 BREA	BIRCH & VALENCIA	BREA	92621									*	
5	MOBIL OIL CORP, OLINDA LEASE	CARBON CANYON RD	YORBA LINDA	92686									*	
6	ORANGE COUNTY-OLINDA-ALPHA LANDFILL	CARBON CANYON RD 1/2 MI NE OF VALENCIA AVE	BREA	92621			*				*		*	
7	SANTA FE ENERGY CO/OLINDA	17001 CARBON CYN RD	BREA	92621									*	
8	CYANAMID DISTRIBUTION CTR BREA	2980 ENTERPRISE ST	BREA	92621		*	*						*	
9	MICRONICS INTL INC	3001 ENTERPRISE ST	BREA	92621									*	
10	TX BECHMAN INSTRUMENTS	3080 ENTERPRISE ST	BREA	92634									*	
11	BIAISDELL MFG INC	3160 ENTERPRISE ST	BREA	92621									*	
12	ISLES INDUSTRIES INC	3200 ENTERPRISE ST	BREA	92612									*	
13	WEBER AIRCRAFT/INTERIORS DIV	3200 ENTERPRISE ST	BREA	92621									*	
14	TANGUAY OIL CO.	326 GREENLEAF AV N	YORBA LINDA	92686			*						*	
15	UNION CHEMICALS DIVISION	2601 IMPERIAL HWY E	BREA	92621			*						*	*
16	COAST BUSINESS CENTER	2700 IMPERIAL HWY E	BREA	92621									*	
17	IMPERIAL SATURN BUSINESS PARK	2929 IMPERIAL HWY E	BREA	92621									*	
18	BREA DATSUN	3000 IMPERIAL HWY E	BREA	92621									*	

ID	SITE	ADDRESS	CITY	ZIP	NPL	CERCLIS	CAL	AUP	CORTESE	LUST	SMAT	SUBS	HUIS	SARA
19	C N A INSURANCE	3230 IMPERIAL HWY E	BREA	92621									*	
20	US SUZUKI MOTOR CORP	3251 IMPERIAL HWY E	BREA	92621									*	
21	TEXACO SERVICE STATION	3300 IMPERIAL HWY E	BREA	92621						*				
22	1X TEXACO #61-106-0464	3303 IMPERIAL HWY	BREA	91608									*	
23	INDUSTRIAL PARK #1	IMPERIAL AND VALENCIA	BREA	92621			*							
24	H & H CLEANERS	151 KRAEMER	BREA	92621									*	
25	BECKMAN INSTRUMENTS INC	200 KRAEMER S	BREA	92621									*	
26	BREA CHEMICALS, INC	KRAEMER AND IMPERIAL HIGHWAY (NW OF)	BREA	92621			*							
27	SUNSTRAND AVIATION OPERATORS	2650 ORBITER ST	BREA	92621									*	
28	1X MERCHANT'S REFRIGERATING CO	2750 ORBITER ST	BREA	92621									*	
29	HARTE-HANKS COMMUNICATIONS	2830 ORBITER ST	BREA	92621									*	
30	WESTERN WELL PULLING	ROSE DR	YORBA LINDA	92686			*							
31	PLACENTIA-LINDA COMM HOSP	1301 ROSE DR	PLACENTIA	92679									*	
32	CANFIELD CHANSLOR-MIDWAY OIL CO.	2392 ROSE DR	PLACENTIA	92670			*							
33	UNOCAL SERVICE STATION #6121	525 VALENCIA AV	BREA							*				
34	PLACENTIA USD EL DORADO HIGH SCH	1651 VALENCIA AV N	PLACENTIA	92670									*	
35	SHELL SERVICE STATION	2701 VALENCIA AV	BREA	92621					*					
36	BREA-OLINDA CANYON DUMP	VALENCIA AV	BREA	92621		*								
37	PACIFIC SKYLIGHT	255 VOYAGER AV	BREA							*				

**APPENDIX**

SWEPl - BREA EAST  
Valencia Avenue & Rose Drive  
Brea, California

EDC Job No. 110-6

### NATIONAL PRIORITIES LIST (NPL)

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The National Priorities List (NPL) is a federal database of uncontrolled hazardous waste sites that warrant further investigation to determine if long-term "remedial action" is necessary. Sites on the NPL are eligible for priority remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as amended by the Superfund Amendments and Reauthorization Act (SARA).

A NPL site must :

- I. Meet or surpass a predetermined hazardous ranking system score, or
- II. Be chosen as a state's top-priority site, or
- III. Meet all three of the following criteria:
  1. The US Department of Health and Human Services issues a health advisory recommending removing people from the site,
  2. EPA determines the site poses a significant threat to public health, and
  3. EPA anticipates it will be more cost-effective than removal action.

As of 1991, no NPL site is located within the area searched.



SWEPl - BREA EAST  
Valencia Avenue & Rose Drive  
Brea, California

EDC Job No. 110-6

**COMPREHENSIVE ENVIRONMENTAL RESPONSE  
COMPENSATION AND LIABILITY SYSTEM (CERCLIS)**

The federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), (or called the Superfund Act), protects the victims and the environment in the event of a hazardous material spill. This act primarily addresses cleanup of designated Superfund hazardous waste sites. A list of known hazardous waste sites that are under consideration for the Superfund list is compiled by the EPA and is known as the CERCLIS database.

As of December 1991, two (2) CERCLIS sites are located within the area searched. The keys of the operable unit and event type codes are presented at the end of this section.

ID	SITE	ADDRESS	ZIP	CERCLIS ID	OP UNIT ID	TYPE	LEAD
8	CYANAMID DISTRIBUTION CTR BREA	2980 ENTERPRISE ST BREA	92621	CAD000629758	00	DS1	EPA (FUND)
8	CYANAMID DISTRIBUTION CTR BREA	2980 ENTERPRISE ST BREA	92621	CAD000629758	00	PA1	STATE (FUND)
8	CYANAMID DISTRIBUTION CTR BREA	2980 ENTERPRISE ST BREA	92621	CAD000629758	00	PA2	EPA (FUND)
36	BREA-OLINDA CANYON DUMP	VALENCIA AV BREA	92621	CAD980735948	00	DS1	EPA (FUND)
36	BREA-OLINDA CANYON DUMP	VALENCIA AV BREA	92621	CAD980735948	00	PA2	EPA (FUND)
36	BREA-OLINDA CANYON DUMP	VALENCIA AV BREA	92621	CAD980735948	00	PA1	EPA (FUND)

**COMPREHENSIVE ENVIRONMENTAL RESPONSE  
 COMPENSATION AND LIABILITY SYSTEM (CERCLIS)**

**EVENT TYPE CODES**

AA	RCRA Facility Assessment	Pre-remedial
AR	Administrative Record	Generic Events
AS	Aerial Survey	Generic Events
CO	Combined RI/FS	Remedial
CR	Community Relations	Remedial
DA	Design Assistance	Remedial
DS	Discovery	Pre-remedial
ED	Endangerment Assessment	Generic Events
EO	Enforcement Decision Document	Remedial
ER	Expedited Response Action	Remedial
ES	Listing Site Inspection	Pre-remedial
FP	Forward Planning (H)	Remedial
FS	Feasibility Study	Remedial
GS	Geographical Support/Map	Generic Events
HA	Health Assessment	Generic Events
HR	Hazard Ranking/NPL Listing	Pre-remedial
IM	Initial Remedial Measure (H)	Remedial
IR	Immediate Removal (H)	Removal
LR	Long-Term Response	Remedial
MA	Management Assistance	Generic Events
ND	NPL Deletion	Remedial
NF	Final Listing On NPL	Pre-remedial
NR	Proposed For NPL	Pre-remedial
OF	Operational & Functional	Remedial
OH	Other Event	Generic Events
OM	Operations & Maintenance	Remedial
OS	Oversight Of State	Generic Events
PA	Preliminary Assessment	Pre-remedial
PD	Deletion Package Comments	Remedial
PR	Planned Removal (H)	Removal
RA	Remedial Action	Remedial
RC	Removal Community Relations	Removal
RD	Remedial Design	Remedial
RI	Remedial Investigation	Remedial
RM	RA Master Plan (H)	Remedial
RO	Record Of Decision	Remedial
RS	Removal Investigation At NPL Sites	Removal
RV	Removal Action	Removal
SE	Site Access	Pre-remedial
SI	Screening Site Inspection	Pre-remedial
TA	Technical Assistance	Generic Events
TG	Technical Assistance Grants	Remedial
TO	Topographical Mapping	Generic Events
TS	Treatability Studies	Remedial
UR	Underground Storage Tank Removal	Removal
WP	RI/FS Workplan Approved By Headquarters	Remedial

Number (1,2,3,4,5,6,7,8 or 9) following the code identifies multiple occurrences of the event type at the same operable unit at the same site.

**OPERABLE-UNIT-ID CODES**

- 00 Events (e.g. DS, PA, SI, NPL listing and deletion types, and removal event types) that apply to the entire site.
- 01 Remedial events that apply to the entire site.
- 02 Events occurring at further subdivisions of the site.

SWEP1 - BREA EAST  
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EDC Job No. 110-6

CALSITES (CAL)

On July 17, 1991, the California Environmental Protection Agency officially came into existence and the Toxic Substances Control Program became the Department of Toxic Substances Control (DTSC) under that agency. Since then, the DTSC CalSites database has replaced the previous Abandoned Sites Program Information System (ASPIS) database. Information in CalSites is preliminary in nature, and most sites need additional work to determine if contamination exists.

As of October 1991, eight (8) CAL sites are located within the area searched. The keys of status codes are presented at the end of this section.

ID	SITE	ADDRESS	CITY	ZIP	ASPIS ID	STATUS	YEAR
6	ORANGE COUNTY-OLINDA-ALPHA LANDFILL	CARBON CANYON RD 1 MI NE OF VALENCIA AVE	BREA	92621	30490029	NFA	82
8	CYANAMID DISTRIBUTION CTR BREA	2980 ENTERPRISE ST	BREA	92621	30280531	NFA	84
14	TANGUAY OIL CO.	326 GREENLEAF AV N	YORBA LINDA	92686	30130017	NFA	82
15	UNION CHEMICALS DIVISION	2601 IMPERIAL HWY E	BREA	92621	30280016	NFA	82
23	INDUSTRIAL PARK #1	IMPERIAL AND VALENCIA	BREA	92621	30890009	NFA	82
26	BREA CHEMICALS, INC	KRAEMER AND IMPERIAL HIGHWAY (NW OF)	BREA	92621	30280012	NFA	82
30	WESTERN WELL PULLING	ROSE DR	YORBA LINDA	92686	30130009	SSR	82
32	CANFIELD CHANSLOR-MIDWAY OIL CO.	2392 ROSE DR	PLACE NTIA	92670	30130132	NFA	82

SWEP1 - BREA EAST  
Valencia Avenue & Rose Drive  
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EDC Job No. 110-6

CALSITES (CAL)

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STATUS CODE

- \* NFA - No further action.
- \* SSR - Site Screen Required.
- \* PEARL - Preliminary Endangerment Assessment required, low priority.
- \* PEARM - Preliminary Endangerment Assessment required, medium priority.
- \* PEARH - Preliminary Endangerment Assessment required, high priority.
- \* CNTY - County lead site.
- \* EPA - EPA lead sites.
- \* RCRA - Resource Conservation and Recovery Act lead.
- \* RWQCB - Regional Water Quality Control Board Lead.
- \* OAL - Other agency lead.
- \* HRR - Hazard Ranking Required.
- \* PRP - Potential Responsible Party Search Required.
- \* BKLG - Backlog, Potential AWP Site.
- \* AWP - Annual Workplan.
- \* COM - Certified Operation and Maintenance.
- \* CERT - Certified/Remediated.
- \* DLIST - Delisted from AWP.
- \* REFRW - Referred to RCRA.
- \* REFRW - Referred to the RWQCB.

SWEP1 - BREA EAST  
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EDC Job No. 110-6

### ANNUAL WORKPLAN (AWP)

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On July 17, 1991, the California Environmental Protection Agency officially came into existence and the Toxic Substances Control Program became the Department of Toxic Substances Control (DTSC) under that agency. Since then, the DTSC Annual Workplan (AWP) has replaced previous Bond Expenditure Plan (BEP). The DTSC AWP lists hazardous substances sites known to DTSC.

As of September 1991, no AWP site is located within the area searched.

SWEP1 - BREA EAST  
Valencia Avenue & Rose Drive  
Brea, California

EDC Job No. 110-6

**HAZARDOUS WASTE AND SUBSTANCES SITES LIST (CORTESE)**

The State Office of Planning and Research is required by state law to annually publish a listing of potential and confirmed hazardous waste sites throughout the California. These sites are included in the "Hazardous Waste and Substances Sites List Pursuant to AB 3750," (Cortese List). Data for the list are received from the Department of Toxic Substances Control (DTSC), the State Water Resources Control Board (SWRCB), the nine Regional Water Quality Control Board (WQCB) and the California Waste Management Board (CWMB).

As of January 1991, two (2) CORTESE sites are located within the area searched.

ID	SITE	ADDRESS	CITY	ZIP	SOURCE	PROBLEM
3	BECKMAN INSTRUMENTS	3300 BIRCH ST E	BREA	92635	WRCB	TANK LEAK
35	SHELL SERVICE STATION	2701 VALENCIA AV	BREA	92621	WRCB	TANK LEAK

SWEPl - BREA EAST  
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Brea, California

EDC Job No. 110-6

### LEAKING UNDERGROUND STORAGE TANKS (LUST)

California legislation (Assembly Bill 2013, Cortese) requires that a underground storage tank (UST) inventory must be maintained by the State Water Resource Control Board (SWRCB). Individual tank owners were to notify the SWRCB by July 1, 1984 of known in-use or abandoned tanks. Owners of new USTs must notify the SWRCB within 30 days of installation.

The SWRCB "Report on Releases of Hazardous Substances From Underground Storage Tanks" (LUST List) includes all reported leaks from underground storage tanks. Additional sources of information are provided by the nine local offices of the SWRCB in California.

As of January 1992, six (6) LUST sites are located within the area searched. The keys of substance, case type and status codes are presented at end of this section.

ID	SITE	ADDRESS	CITY	ZIP	SUBSTANCE	CASE	STATUS
1	SOUTHERN CALIFORNIA GAS CO	2191 BIRCH ST E	BREA		8006619	S	9
3	BECKMAN INSTRUMENTS	3300 BIRCH ST E	BREA	92635	12034	S	9
21	TEXACO SERVICE STATION	3300 IMPERIAL HWY E	BREA	92621	12035	S	9
33	UNOCAL SERVICE STATION #6121	525 VALENCIA AV	BREA		12034	S	3A
35	SHELL SERVICE STATION	2701 VALENCIA AV	BREA	92621	12034	S	5C
37	PACIFIC SKYLIGHT	255 VOYAGER AV	BREA		8006619	S	9

LEAKING UNDERGROUND STORAGE TANKS (LUST)

CASE TYPE CODES

- D One or more domestic or municipal supply wells have been contaminated.
- G Ground water has been affected.
- S Only soil has been affected.
- U The type of resources affected or extent of the resources affected are not known.

STATUS CODES

- 0 No action taken by responsible party after initial report of leak.
- 1 Leak suspected at site but has not been confirmed.
- 3A Preliminary site assessment workplan submitted.
- 3B Preliminary site assessment underway.
- 5C Pollution characterization.
- 5R Remediation plan developed.
- 7 Remedial action (cleanup) in progress.
- 8 Post remedial action monitoring in progress.
- 9 Signed off, remedial action completed or deemed unnecessary.

SUBSTANCE CODES

MOTOR OIL = 08	CUTTING OIL = 122	TCE = 79016
BOILER FUEL = 09	#5 FUEL OIL = 127	PSEUDODOCUMENE = 95636
#6 FUEL OIL = 10	CHLORINATED HYDROCARBONS = 142	XYLENE = 106423
HEATER FUEL = 12	FREON = 171	ETHYLENE DICHLORIDE = 107062
SOLVENTS = 13	ALCOHOL = 172	TOLUENE = 108883
HYDRAULIC OIL = 14	UNLEADED GASOLINE = 12031	TETRAHYDROFURAN = 109999
WASTE WATER = 32	REGULAR GASOLINE = 12032	PERCHLOROETHYLENE = 127184
MINERAL SPIRITS = 41	PREMIUM GASOLINE = 12033	DINITROTOLUENES = 610399
PAINT THINNER = 49	DIESEL = 12034	NICKEL OXIDE = 1313991
OIL\GREASE WASTE = 51	WASTE OIL = 12035	PCB = 1336363
DRY CLEANING SOLVENT = 52	MISC. VEHICLE FUEL = 12036	LEAD = 7439921
WATER\WASTE OIL MIX = 61	CYANIDES, SALTS = 57125	NICKEL = 7440020
LUBRICATING OIL = 71	ETHYL ALCOLHOL = 64175	COPPER = 7440508
HYDROCARBONS = 76	ACETIC ACID = 64197	CRUDE OIL (HAZ.) = 8002059
COOLANT = 77	METHYL ALCOLHOL = 67561	GASOLINE = 8006619
ALIPHATIC HYDROCARBONS = 78	ISOPROPYL ALCOLHOL = 67630	COAL TAR = 8007452
TRANSMISSION FLUID = 80	ACETONE = 67641	KEROSENE = 8008206
LACQUER THINNER = 84	BENZENE = 71432	STOODARD SOLVENTS = 8052413
NAPTHA DISTILLATE = 101	METHYLENE CHLORIDE = 75092	ASPHALT = 8052424
V,M&P NAPTHA = 116	METHYL ETHYL KETONES = 78933	POLYESTER RESIN = 25037665



SWEP1 - BREAA EAST  
Valencia Avenue & Rose Drive  
Brea, California

EDC Job No. 110-6

SOLID WASTE INFORMATION SYSTEM (SWIS)

The California Waste Management Board maintains a list from Solid Waste Information System (SWIS) pursuant to the Solid Waste Management and Resource Recovery Act. This list contains an inventory of active, inactive, and closed solid waste disposal and transfer facilities.

As of October 1991, one (1) SWIS site is located within the area searched.

ID	SITE	ADDRESS	CITY	ZIP	SWIS ID
6	ORANGE COUNTY-OLINDA-ALPHA LANDFILL	CARBON CANYON RD 1/2 MI NE OF VALENCIA AV	BREA	92621	30-AB-0035

SWEPl - BREA EAST  
Valencia Avenue & Rose Drive  
Brea, California

EDC Job No. 110-6

COUNTY: ORANGE

FACILITY DATA

=====

SWIS: 30-AB-0035 CATEGORY: LANDFILL  
NAME: OLINDA ALPHA SANITARY LANDFILL  
LOCATION: 1/2 MI NE VALENCIA AVE & CARBON CYN RD  
PLACE: BREA, CA  
SECTION: 4 TOWNSHIP: 3-S RANGE: 9-W B&M: SAN BERNARDINO

OPERATOR DATA

=====

NAME: MR FRANK BOWERMAN  
TITLE: DIRECTOR & CHIEF ENGINEER  
PHONE: 714/568-4160  
COMPANY: ORANGE COUNTY WASTE MANAGEMENT PROGRAM  
ADDRESS: 1200 NORTH MAIN STREET, SUITE 206  
PLACE: SANTA ANA, CA 92701

LAND OWNER DATA

=====

NAME: MR FRANK BOWERMAN  
TITLE: DIRECTOR & CHIEF ENGINEER  
PHONE: 714/568-4160  
COMPANY: ORANGE COUNTY WASTE MANAGEMENT PROGRAM  
ADDRESS: 1200 NORTH MAIN STREET, SUITE 206  
PLACE: SANTA ANA, CA 92701

FACILITY CHARACTERISTICS

=====

PERMIT STATUS: PERMITTED

OPERATIONAL STATUS: ACTIVE

OPERATOR TYPE: COUNTY

LAND OWNER TYPE: COUNTY

TYPES WASTES RECEIVED:  
AGRICULTURAL  
CONSTRUCTION/DEMO  
DEAD ANIMALS  
INDUSTRIAL PROCESS  
MIXED MUNICIPAL  
TIRES

TONS-PER-DAY: 4669

PERMIT DATE: 04/06/1981

CLOSURE YEAR: 1994

SWEPI - BREA EAST  
Valencia Avenue & Rose Drive  
Brea, California

EDC Job No. 110-6

SOLID WASTE ASSESSMENT TEST PROGRAM (SWAT)

The owners/operators of solid waste disposal sites in California are required by law to test and study the extent of air and ground water contamination at such facilities. This program is known as the Solid Waste Assessment Test Program (SWAT). Once the SWAT studies are completed, they will be evaluated by the local air districts and the Regional Water Quality Control Boards. These agencies, plus the California Waste Management Board (CWMB) and the Department of Toxic Substances Control (DTSC) will be required to determine appropriate remedial actions and will work with the facilities to resolve identified problems.

As of 1991, one (1) SWAT site is located within the area searched.

ID	SITE	ADDRESS	CITY	ZIP	SWAT ID
6	ORANGE COUNTY-OLINDA-ALPHA LANDFILL	CARBON CANYON RD 1 MI NE OF VALENCIA AVE	BREA	92621	8 300302002-01

SWEP1 - BREA EAST  
Valencia Avenue & Rose Drive  
Brea, California

EDC Job No. 110-6

### HAZARDOUS WASTE INFORMATION SYSTEM (HWIS)

The California Department of Toxic Substances Control (DTSC) has developed and maintained lists of hazardous waste generators and hazardous waste treatment, storage and disposal facilities in the State of California. In addition, all counties are required by law to prepare and submit hazardous waste management plan. To assist the counties, DTSC maintains lists containing generation and disposal data within each county. This information has been assembled by DTSC from manifest reports required from hazardous waste generators.

Twenty-six (26) HWIS sites in the 1991 list are located within the area searched.

ID	SITE	ADDRESS	CITY	ZIP	HWIS ID
2	1X PAUL MUNROE ENERTECH	2950 BIRCH ST E	BREA	92621	CAC000145885
3	BECKMAN INSTRUMENTS	3300 BIRCH ST E	BREA	92635	CAX000204453
4	UNION NARANJAL WELL #72 & 73 BREA	BIRCH & VALENCIA	BREA	92621	CAD981164437
5	MOBIL OIL CORP, OLINDA LEASE	CARBON CANYON RD	YORBA LINDA	92686	CAD000628461
6	ORANGE COUNTY-OLINDA-ALPHA LANDFILL	CARBON CANYON RD 1 MI NE OF VALENCIA AVE	BREA	92621	CAD981678964
7	SANTA FE ENERGY CO/OLINDA	17001 CARBON CYN RD	BREA	92621	CAD981692130
8	CYANAMID DISTRIBUTION CTR BREA	2980 ENTERPRISE ST	BREA	92621	CAD000629758
9	MICRONICS INTL INC	3001 ENTERPRISE ST	BREA	92621	CAD981390867
9	MICRONICS INTL INC	3001 ENTERPRISE ST	BREA	92621	CAX000142521
10	1X BECHMAN INSTRUMENTS	3080 ENTERPRISE ST	BREA	92634	CAC000099325
11	BIAISDELL MFG INC	3160 ENTERPRISE ST	BREA	92621	CAD982356875
12	ISLES INDUSTRIES INC	3200 ENTERPRISE ST	BREA	92612	CAX000221218
12	ISLES INDUSTRIES INC	3200 ENTERPRISE ST	BREA	92612	CAD008259749
13	WEBER AIRCRAFT/INTERIORS DIV	3200 ENTERPRISE ST	BREA	92621	CAD982374753
15	UNION CHEMICALS DIVISION	2601 IMPERIAL HWY E	BREA	92621	CAD073596124
16	COAST BUSINESS CENTER	2700 IMPERIAL HWY E	BREA	92621	CAD981651193
17	IMPERIAL SATURN BUSINESS PARK	2929 IMPERIAL HWY E	BREA	92621	CAD981651250
18	BREA DATSUN	3000 IMPERIAL HWY E	BREA	92621	CAD981966906
19	C N A INSURANCE	3230 IMPERIAL HWY E	BREA	92621	CAX000225953

SWEPl - BREA EAST  
Valencia Avenue & Rose Drive  
Brea, California

EDC Job No. 110-6

ID	SITE	ADDRESS	CITY	ZIP	HWIS_ID
20	US SUZUKI MOTOR CORP	3251 IMPERIAL HWY E	BREA	92621	CAD981687288
22	1X TEXACO #61-106-0464	3303 IMPERIAL HWY	BREA	91608	CAD000322768
24	H & H CLEANERS	151 KRAEMER	BREA	92621	CAD981640733
25	BECKMAN INSTRUMENTS INC	200 KRAEMER S	BREA	92621	CAT080030661
27	SUNSTRAND AVIATION OPERATORS	2650 ORBITER ST	BREA	92621	CAX000085571
27	SUNSTRAND AVIATION OPERATORS	2650 ORBITER ST	BREA	92621	CAD981371370
28	1X MERCHANT'S REFRIGERATING CO	2750 ORBITER ST	BREA	92621	CAD982016313
29	HARTE-HANKS COMMUNICATIONS	2830 ORBITER ST	BREA	92621	CAX000244194
29	HARTE-HANKS COMMUNICATIONS	2830 ORBITER ST	BREA	92621	CAX000090548
29	HARTE-HANKS COMMUNICATIONS	2830 ORBITER ST	BREA	92621	CAD981453137
31	PLACENTIA-LINDA COMM HOSP	1301 ROSE DR	PLACENTIA	92679	CAD981577141
34	PLACENTIA USD EL DORADO HIGH SCH	1651 VALENCIA AV N	PLACENTIA	92670	CAD982044182

SWEP1 - BREAA EAST  
Valencia Avenue & Rose Drive  
Brea, California

EDC Job No. 110-6

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA)**  
**TITLE III, EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT**

In October of 1986, Congress enacted the Superfund Amendments and Reauthorization Act (SARA), Title III, the Emergency Planning and Community Right-to-Know Act, substantially increases the role of the community in managing hazardous materials. As a result, owners/operators of selected facilities are required to inform government officials and the public about releases of toxic chemicals into the environment. Under Subtitle B, facility owner/operator reporting requirements are specified in Section 313.

As of 1991, one (1) SARA site is located within the area searched.

ID	SITE	ADDRESS	CITY	ZIP	SARA ID
15	UNION CHEMICALS DIVISION	2601 IMPERIAL HWY E	BREA	92621	300666

Active Industrial Cleanups 12/9/91 Gary Zimmerman

86IC 2 Orange Coast Plating, 2515 S. Birch, Santa Ana, 92707  
87IC22 Sargent Welsh, 1617 E. Ball Road, Anaheim, 92805  
87IC23 Kwikset, 516 E. Santa Ana, Anaheim, 92805  
87IC26 Stephan Chemical, 1208 N. Patt Street, Anaheim, 92801  
88IC54 Gulton (Prout Prop.), 2414 Fender Avenue, Fullerton 92631  
88IC62 Unocal, Alta Vista Storm Drain (Reopen)  
88IC75 Santa Fe Railroad, (Behind 8331 Artesia), Buena Park, 90621  
88IC84 Unocal, (Thompson-Stern), Van Buren @ Buena Vista, Placentia,  
92670  
89IC 1 Southern Pacific Transportation Co., 200 S. Adams, Anaheim,  
92802  
89IC10 Unocal (Field GL-31), Placentia @ Rolling Hills, Fullerton,  
92635  
89IC16 Unocal (Naranjal II West), Northwood @ Berry, Brea, 92621  
89IC22 McDonnell Douglas, 5301 Bolsa, Room 113, Huntington Beach, 92647  
89IC40 Unocal (Hartwell-Stern), Van Buren @ Pine, Placentia, 92670  
89IC51 Anaheim Plating, 928 E. South St., Anaheim, 92805  
90IC10 Universal Circuits, 1800 Newport Circle, Santa Ana, 92705  
90IC15 CTI, 1623 Minnie, Santa Ana  
91IC 6 Unocal (Richfield Site), 6071 Jefferson St., Placentia, 92670  
91IC17 Harbor Pallett/So. Pacific, 1516 W. Embassy, Anaheim, 92802  
91IC24 Placentia Park, Pine and Rose (Unocal), Placentia  
91IC52 Unocal - Northwest Unit 10, Bastanchury Rd., Fullerton, 92635



Active Industrial Cleanups 12/9/91 Mark Sutphin

87IC34 Property, 7471 Slater, Huntington Beach  
88IC42 Village Paint Shop, 1734 W. First, Santa Ana  
88IC59 MCAS, Tustin Base Site Study  
88IC66 Great Western Bank, 17461 Derian, Irvine  
88IC81 Kirkhill Rubber Company, 300 E. Cypress St., Brea

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88IC94 Neville Chemical Co., 2201 E. Cerritos Ave., Anaheim  
88IC95 Micromotors, Inc., 151 E. Columbine Ave., Santa Ana  
89IC11 Disneyland Muck Pit, 1313 S. Harbor Blvd., Anaheim  
90IC48 Dyer Business Park, 3025 Kilson Dr., Santa Ana, 92707  
91IC16 K-S-H, Inc., 1221 E. Edinger, Tustin, 92680  
91IC18 City of Garden Grove Economic Development, 13192 to 13206 Century Blvd., Garden Grove

91IC21 Tustin Garage, 560 El Camino Real, Tustin 92680  
91IC27 Postal Vehicle Maintenance Facility, 701 N. Loana St., Anaheim, 92805

91IC29 Pacific Bell, 1452 and 1472 Edinger Ave., Tustin 92680  
91IC40 Airport Coach, 851 E. Cerritos, Anaheim, 92805  
91IC47 GTE, 6774 Westminster Ave., Westminster, 92683  
91IC49 Juice Tree Facility, 12151 Monarch St., Garden Grove, 92641  
91IC51 Durham Metal Processing, 936 N. Parker St., Orange, 92667  
91IC54 Facility, 800-840 Eckhoff St., Orange, 92663  
91IC56 Olinda Associates Properties, NE of Carbon Canyon Rd. and Valencia, Brea, 92621

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Active Industrial Cleanups 12/9/91 David Dixon

87IC15 Griffin Electronics, 2115 S. Hathaway St., Santa Ana  
87IC16 Newport Plating, 2810 Villa Park, Newport Beach  
87IC25 Industrial Asphalt, 1401 E. Warner Ave., Santa Ana  
87IC32 Electrolurgy, 1121 Dureyea Ave., Irvine  
88IC38 Xerox, 2200 E. McFadden, Santa Ana  
88IC63 Northrop Group, 500 Orangethorpe, Anaheim  
88IC80 Delco Remy, 1201 N. Magnolia, Anaheim  
88IC83 AMS Rentals, 1025 N. Batavia, Orange  
88IC90 Talmantz Aviation, 19461 Airport Way South, Santa Ana  
89IC 2 S & S Polishing & Plating, 1503 N. Miller St., Anaheim  
89IC12 Cedko Electronics, 3002 Oak St., Santa Ana  
89IC26 Silicon General, 11861 Western, Garden Grove  
89IC31 Diceon Electronics, 18522 Von Karmen, Irvine  
89IC37 Shell Western E & P Inc., Mesa Area/Huntington Beach Field  
90IC46 Alcoa Composites, Astech Division, 3030 S. Redhill Ave., Santa  
Ana 92707  
90IC52 Europa Wheels, 1224 E. Pomona St., Santa Ana, 92707  
90IC53 Midway Industries, 15116 Adams, Midway City  
91IC 3 Property, 500 W. Collins, Orange 92667  
91IC 8 Cal Compack Foods, 4906 W. 1st Street, Santa Ana  
91IC10 Gas Plant Area/HB Field (SWEPI), 20101 Golden West, HB  
91IC12 Hughes, 651 N. Gilbert, Fullerton  
91IC25 W.C. Richards, 1116 N. Olive Street, Anaheim, 92805  
91IC30 Property, 6699 Westminster Blvd., Westminster  
91IC31 McGaw Inc., 2525 McGaw, Irvine  
91IC35 Rice Auto Parts, 905 E. 2nd St., Santa Ana  
91IC43 Los Alamitos Armed Forces Reserve, Los Alamitos  
91IC45 Irvine Retail Property Co., SE Corner Barranca Pkwy. & Jamboree  
Blvd., Irvine, 92714  
91IC46 Faccoy Property/Santa Ana Salvage, 1038 Custer St., Santa Ana  
91IC50 Huntington Beach Company, 18736 Goldenwest, Huntington Beach,  
92648  
91IC53 Pan Western, Ltd., 19531 Campus Dr., Santa Ana, 92702  
91IC55 Blaisdell Manufacturing Facility, 3160-B Enterprise St., Brea,  
92621

Active Industrial Cleanups 12/9/91 Kevin Baitx

86IC 3 Pick Your Parts Auto Salvage, 10181 Beach Blvd., Stanton  
88IC39 Olive Court Cleaners (Plaza), 1514 E. Lincoln, Orange  
88IC46 Fowler Woodcraft, 1041 E. Sixth St., Santa Ana  
88IC50 Venus Labs, 15571 Commerce Lane, Huntington Beach  
88IC82 Porter Plating, 510 S. Rose, Anaheim  
88IC92 BFM Energy Products Corp., 2040 E. Dyer Rd., Santa Ana  
89IC15 Heinz Investments, (Cal Cleaners), 3420 & 3430 W. Fordam Ave.,  
Santa Ana  
89IC24 Mesa Consolidated Water District, 1965 Placentia, Costa Mesa  
89IC30 Action Boats/Cal Trans, 21622 PCH, Huntington Beach  
89IC33 American Circuit Boards, 654 Young St., Santa Ana  
89IC44 Sand Dollar Development (Coyle Lease), Van Buren @ Buena Vista  
89IC52 Emerson Electric, 3300 S. Standard St., Santa Ana  
89IC55 So. Calif. Gas Co., 301 E. Columbia Ave., Santa Ana  
90IC 4 ITT Cannon, 666 E. Dyer Rd., Santa Ana  
90IC 7 Weiser Lock, 5555 McFadden, Huntington Beach  
90IC 8 Statueland, 13960 Harbor Blvd., Garden Grove  
90IC 9 Aluminum Precision Products, 2921 S. Susan St., Santa Ana, 92704  
90IC17 Petrolite, 200 S. Puente, Brea  
90IC21 Irvine Co., Ag. Div., 9000 Irvine Ctr. Dr., Irvine, 92718  
90IC23 Treasure Farms, Orange Groves #200, 220, 227, Irvine  
90IC25 Gatron Industries, Intersection Newport Blvd. & Old Irvine Blvd.,  
Tustin, 92680  
90IC33 Shell Oil Field, PCH and Golden West, Huntington Beach  
90IC38 Goldstate Auto Center, 8541 Garden Grove Blvd., Garden Grove,  
92644  
90IC39 Joe MacPherson Toyota, 44 Auto Center Drive, Tustin, 92680  
90IC40 Sheldahl, 2302 Barranca, Irvine, 92714  
90IC42 Colonial Engineering, 402 W. Central, Santa Ana, 92707  
91IC 1 Treasure Farms, 13042 S.W. Myford Rd., Irvine, 92720  
91IC20 Harbor One Stop, 1100 N. Harbor Blvd., Santa Ana, 92703  
91IC34 Millard Roofing, 1331 N. Custer St., Santa Ana  
91IC36 C.N.G. Services, 952 N. Enterprise, Orange  
91IC39 El Santana Apts., 1345 Fruit St., Santa Ana, 92701  
91IC42 Cal Trans Property, 1345 Fruit St., Santa Ana, 92701  
91IC44 Kon Tiki Cleaners, 4065 Ball Rd., Cypress, 90630  
91IC48 Chevron Inc., 24081 El Toro Rd., Laguna Hills, 92653

WJD:cr

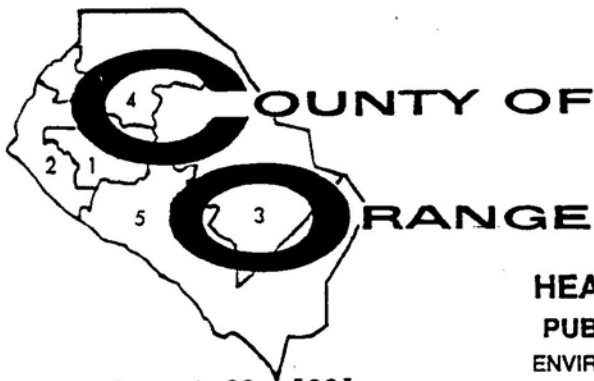
APPENDIX C

ORANGE COUNTY HEALTH CARE AGENCY RECORDS

2701 Valencia, Pages 1-4  
4024 Valley View, Pages 5-18

ORANGE COUNTY FIRE DEPARTMENT RECORDS

Pages 19 and 20



August 20, 1991

**HEALTH CARE AGENCY**  
**PUBLIC HEALTH SERVICES**  
ENVIRONMENTAL HEALTH DIVISION  
2009 E. EDINGER AVENUE  
SANTA ANA, CALIFORNIA 92705  
(714) 667-3700

**TOM URAM**  
DIRECTOR

**L. REX EHLING, M.D.**  
HEALTH OFFICER

**ENVIRONMENTAL HEALTH DIVISION**  
**ROBERT E. MERRYMAN, REHS MPH**  
DEPUTY DIRECTOR

MAILING ADDRESS: P.O. BOX 355  
SANTA ANA, CA 92702

J.A. Ruhl  
Shell Western E & P Inc.  
P.O. Box 11164  
Bakersfield, CA 93389

Subject: Remedial Action At 100 Acre Lease, Yorba Linda Field, 2701 Valencia,  
Brea - O.C.H.C.A. Case #88UT21

Dear Mr. Ruhl:

This letter confirms the completion of site investigation and remedial action at the above site. With the provision that the information provided to this Agency was accurate and representative of existing conditions, it is the position of this office that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of any liability to clean up existing, additional or previously unidentified conditions at the site which cause or threaten to pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this Agency of any changes in report content, future contamination findings, or site usage.

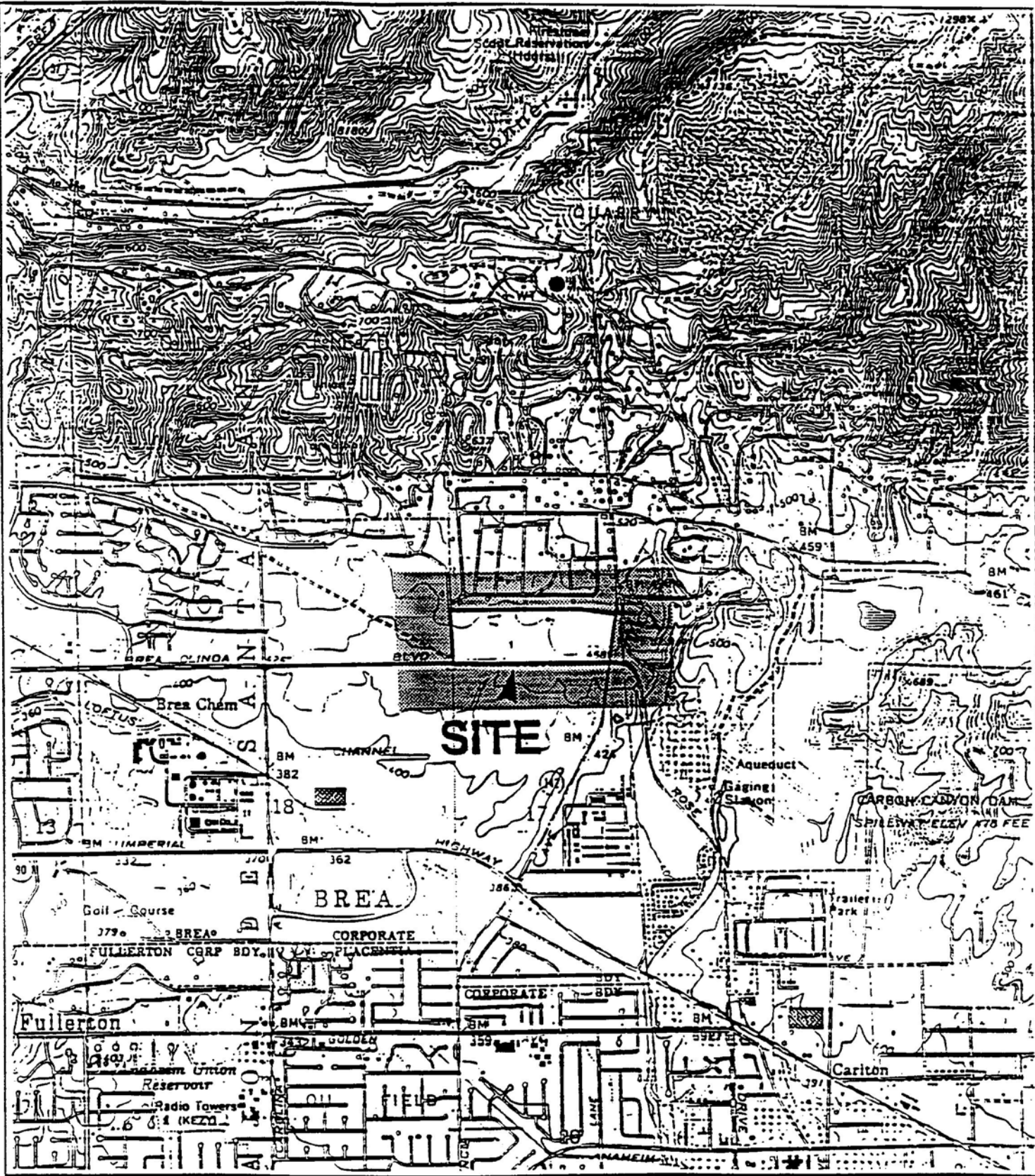
If you have any questions regarding this matter, please contact Luis Lodrigueza at (714) 667-3717.

Very truly yours,

William J. Diekmann, REHS, MS  
Program Manager  
Hazardous Materials Management Section  
Environmental Health Division

WJD:LL:md

cc: Ken Williams, Santa Ana Regional Water Quality Control Board  
Brea Fire Department  
Larry Honeybourne, Environmental Health, Water Quality Section

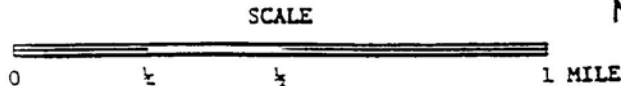


REFERENCE: USGS 7.5 MINUTE SERIES  
 YORBA LINDA QUADRANGLE 1981



FIGURE 1-1

SITE LOCATION MAP  
 SHELL WESTERN E & P  
 NORTH ORANGE COUNTY, CALIFORNIA



NOTE: SITE LOCATION  
 MAP IS INCORRECT

H-778

Site Inspection 8-19-91

(Larry Brown - Shell W&PI Field Person At Site)

LEGEND

SB-1 Boring Location and Number

A'-A' Cross Section Line

▲ Previous Boring Location (January 1989)

Existing Oil well (Pumping)

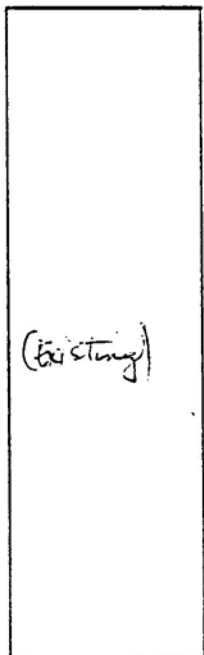
SB-5 ●

550 Gallon Diesel Tank Excavation

Still extant!

Structure/slab already removed.

(Now recent work removed) (Relative at higher elevation than surrounding could not possibly collect run-off)



SB-4 ●

SB-2 ●

SB-1A ●

SB-3 ●

SB-1 ●

SB-6 ●

SB-7 ●

Nursery Maintenance Shop

Storage Shed

Concrete Slab



B1

B2

B3

Existing oil wells (Pumping)

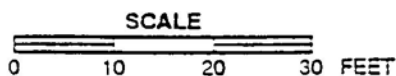
Existing Oil well (Pumping)

Small Field

Oil - Nursery



FIGURE 3-1



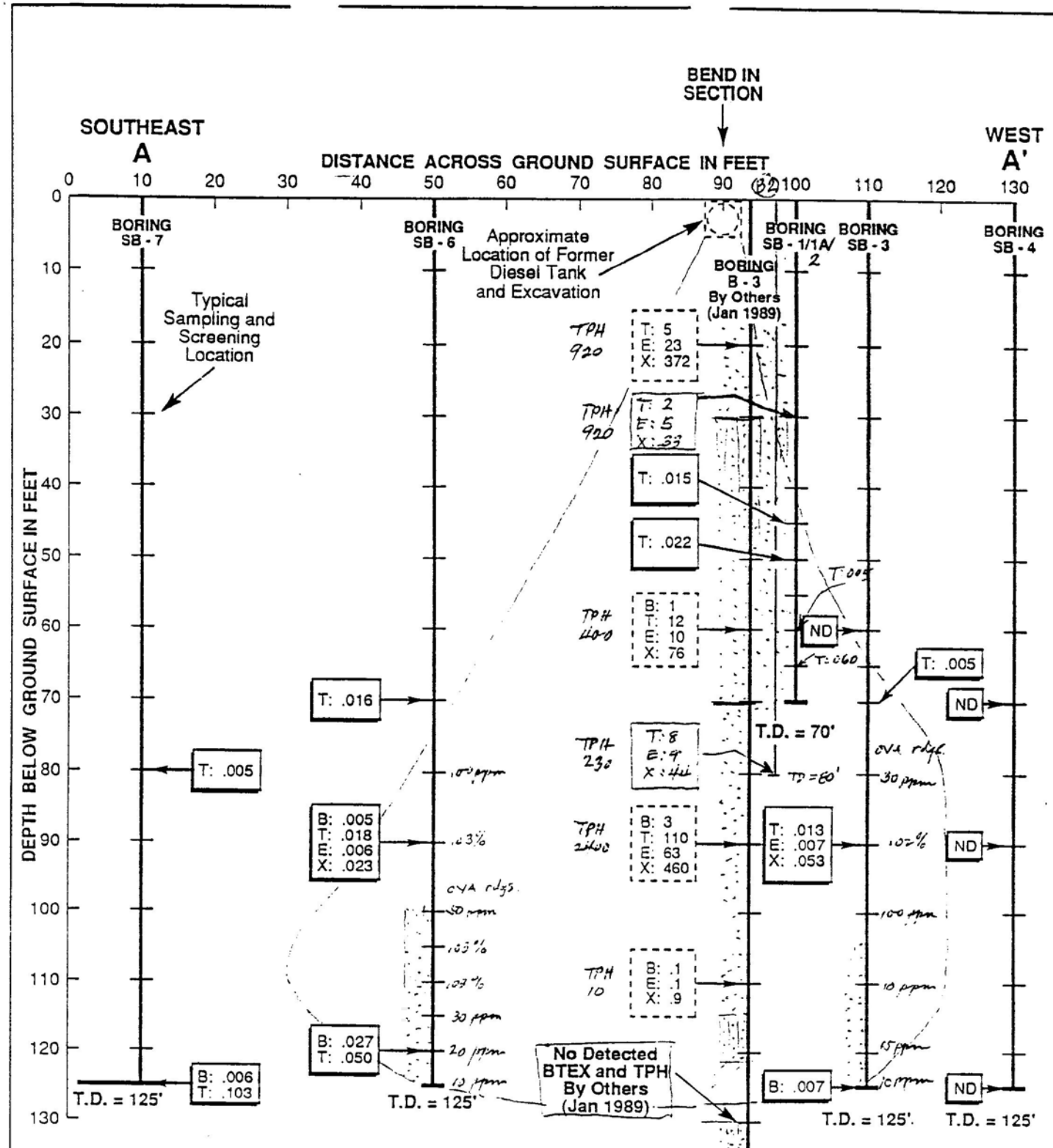
TITLE: Site Map of BREA 100 ACRE

PROJECT NAME: SWEPI Yorba Linda

LOCATION: Yorba Linda, CA

DATE: August 1990





Cross Section Through A - A' Showing Soil BTEX Concentrations as Measured by Laboratory

PROJECT NAME: SWEPI Yorba Linda 100 Acre Lease  
 LOCATION: Yorba Linda, CA  
 DATE: August 1990

Figure 1



No Det.  
BTEX and  
TPH

- August 1990 Soil Sample Concentrations in ppm
- January 1989 Soil Sample Concentrations in ppm



Case Summary and Closure Rationale

D.B.A.: Shell Western E & P Inc. R.P.: Pam Knipple

Site Address: 2701 Valencia Avenue BREA

Current Land Use: Industrial Adjacent Land Use: Industrial

Future Land Use: No known change

UST Information (Number, Size, Material Stored, etc.): One 500-gal diesel steel tank

Contaminant	Highest Conc. Soil (ppm)		Highest Conc. Groundwater (ppb)	
	Initial	Final	Initial	Final
1. TPH	2400	2400	N.D.	
2. Benzene	3	3	N.D.	Applicable
3. Toluene	110	110	0.060	
4. E-benzene	63	63	N.D.	
5. Xylene	460	460	0.016	
6.				

Depth of Highest Benzene Conc. Remaining: 90 (ft) 3 (ppm)

Deepest Depth of Benzene Remaining: 90 (ft) 3 (ppm)

Depth to Groundwater: >190 Ft. ( estimated  measured)

Soil Types: Silty Sand with interbedded sandy clay @ 122-130 ft depth.

~~Area~~ Forebay  Pressure  Intrusion  Tidal  Hills  Near OCWD recharge

Case Summary (Cleanup Efforts and Closure Rationale):

All efforts directed at justifying leaving contamination in place. no cleanup done at site.

Site sufficiently characterized from 12 monitoring wells (40 to 190 feet depth bore). Contaminant plume conical in shape with base at 125 ft depth. Maximum contamination (TPH 2400, B 3, T 110 ppm) at 90 ft depth; trace levels (B .007 to 0.1 ppm) to 125 ft mark; no contamination below 130 ft depth.

Closure Rationale

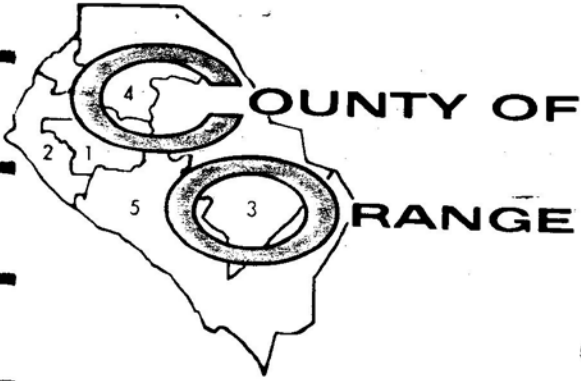
- Groundwater not impacted. Low-level soil contamination
- At least 68 feet of "clean" zone between impacted soil (@ 90 ft bore) and deepest water (>190 ft).
- An 8-foot sandy-clay layer (@ 122-130 ft depth) tends to hinder downward contaminant migration.

GR Analysis shows benzene at 90 ft depth is acceptable to be left in place  
Following sampling, compared to results taken in 1987, indicates possible natural biodegradation; 1990 contaminant levels not tested samples showed N.D. TPH and maximum values of B at .027 ppm, T at .01 ppm, E at .01 ppm and X at .02 ppm.

Closest water well 1/2 mile away (in direction of plume migration). Specialist: L. Lopez

Site deliberation, Site Review Committee approved closure by site rules and signed sheet by [signature] and [signature] FORM #73





RECEIVED

JUL 3 2 1992

Ans'd.....

TOM URAM  
DIRECTOR

CAROL D. KISER  
DIRECTOR OF ADMINISTRATION

HEALTH CARE AGENCY  
CUSTODIAN OF RECORDS  
515 N. SYCAMORE AVENUE, SUITE 120  
SANTA ANA, CALIFORNIA 92701  
FAX (714) 835-9312  
(714) 834-3446

RECEIVED

JUL 2 3 1992

Ans'd. ✓ *N.D.P.*

*5 pages  
ATTACHED*

Re: 4024 VALLEY VIEW  
YORBA LINDA, CA.

The Undersigned declares:

1. I am the duly authorized Custodian of Records delivered herewith and have the authority to certify these records as to their authenticity.

2. The copies of records accompanying this declaration are true copies of all of the records described in your request in this action to the extent I have them.

3. The records were prepared in the ordinary course of the business concerned at or near the time of the act, condition, or event which they depict.

4. The Health care Agency may not be the only source of record. Please check with the Fire Department, the Water Quality Control Board and/or the State Department of Health Services.

I declare under penalty of perjury that the foregoing is true and correct.  
Executed at Santa Ana California on July 7, 1992

*Jean-Marie Legacy*  
\_\_\_\_\_  
Jean-Marie Legacy  
Custodian of Records  
Health Care Agency  
County of Orange

UNDERGROUND STORAGE INSPECTION REPORT  
Orange County Health Care Agency

DBA: Shell Oil Lease

ADDRESS: \_\_\_\_\_

: \_\_\_\_\_

FILE NO: \_\_\_\_\_ ACCOUNT NO: \_\_\_\_\_ UST PERMIT NO: \_\_\_\_\_

VIOLATION DESCRIPTIONS

FINANCIAL RESPONSIBILITY

- 105 OPERATING UNDERGROUND STORAGE TANKS (UST) WITHOUT A PERMIT - SECTION 25284(a), HS
- 115 FAILURE TO REPORT THE CHANGE IN OWNERSHIP WITHIN 30 DAYS - SECTION 2712(f), CCR
- 135 FAILURE TO ENTER INTO A WRITTEN CONTRACT BETWEEN OWNERS AND OPERATORS TO MONITOR THE UST - SECTION 2618(b), CCR
- 140 METERS NOT INSPECTED BY THE COUNTY DEPARTMENT OF WEIGHTS AND MEASURES OR A DEVICE REPAIRMAN - SECTION 2644(b), CCR
- 145 FAILURE TO MONITOR THE TANKS USING THE METHOD SPECIFIED ON THE PERMIT - SECTION 25293, HS
- 150 FAILURE TO MAINTAIN THE WRITTEN RECORDS OF ALL MONITORING PERFORMED ON SITE - SECTION 2712(c), CCR
- 160 FAILURE TO SECURE THE MONITORING WELLS - SECTION 2648(j), CCR
- 170 FAILURE TO CORRECT PREVIOUS VIOLATIONS WITHIN 30 DAYS - SECTION 2712(h), CCR
- 190 FAILURE TO SUBMIT INVENTORY RECONCILIATION QUARTERLY REPORT - SECTION 2644(e) CCR.
- 196 FAILURE TO SUBMIT A "PERMIT TO OPERATE" APPLICATION FOR THE USTS AT THE SITE - SECTION 25286 HS
- 197 FAILURE TO IMPLEMENT/SELECT/DEVELOP AN APPROVED MONITORING SYSTEM/PLAN - SECTION 2648 & 2711 CCR
- 198 FAILURE TO OBTAIN/SHOW EVIDENCE OF FINANCIAL RESPONSIBILITY - SECTION 25292.2 (a) HS

TANK

- 120 FAILURE TO REPORT THE CHANGES IN THE USAGE OF UST WITHIN 30 DAYS - SECTION 2712(a), CCR
- 125 FAILURE TO REPORT UNAUTHORIZED RELEASE - SECTION 2650(b), CCR
- 130 FAILURE TO DEVELOP A RESPONSE PLAN TO REMOVE THE UNAUTHORIZED RELEASE FROM THE SECONDARY CONTAINER - SECTION 2632(d)(2), CCR
- 155 FAILURE TO MONITOR VISUALLY AT REQUIRED FREQUENCY - SECTION 2642(c), CCR
- 165 CONTINUOUS MONITORING DEVICES INOPERABLE - SECTION 2632(c)(2)(A) CCR
- 180 FAILURE TO ANNUALLY TEST PIPELINE LEAK DETECTORS - SECTION 25292 HS
- 185 FAILURE TO SUBMIT TANK INTEGRITY TEST RESULTS WITHIN 30 DAYS OF TEST COMPLETION - SECTION 2643(e), CCR
- 195 FAILURE TO FOLLOW THE PROCEDURE IN SECTION 2644(f) WHEN INVENTORY RECONCILIATION EXCEEDS THE ALLOWABLE VARIATION.
- 270 FAILURE TO REPORT CHANGES IN MONITORING ALTERNATIVE PROCEDURES WITHIN 30 DAYS - SECTION 2712(a) CCR.
- 275 FAILURE TO CLOSE UST PROPERLY - SECTION 2670-72, CCR
- 280 FAILURE TO REPAIR UST PROPERLY - SECTION 2660-63, CCR
- 286 FAILURE TO ANNUALLY PERFORM TANK INTEGRITY TEST OF TANKS/PIPELINES - SECTION 25292 H & S
- 287 PRESSURIZED LINE LEAK DETECTORS ARE NOT DESIGNED TO RESIST UNAUTHORIZED TAMPERING - SECTION 25292 HS
- 288 UNDERGROUND TANK(S) NOT SECURED TO PREVENT UNAUTHORIZED INPUTS OR WITHDRAWALS - SECTION 2641(c)(B)(i) CCR
- 290 OTHER

In site OC. fire Tony Riniti ok'd removal of tank.  
1 - ~~the~~ steel tank approx 550-1000 gal and all associated  
piping removed. Tank was uncovered while tearing down an old  
building open on gas tic. Nobody remembers a tank there for  
the last 28 years.

I DECLARE THAT I HAVE EXAMINED AND RECEIVED ALL 4-783 OF THIS 2 PAGE INSPECTION REPORT. 7

PRINT NAME & TITLE: \_\_\_\_\_

Orange County Health Care Agency

Environmental Health Division, Hazardous Materials Management Section  
Mailing Address: P.O. Box 355, Santa Ana, CA 92702  
Office: 2009 E. Edinger, Santa Ana, CA 92705  
Telephone: (714) 667-3700

HAZARDOUS WASTE & UNDERGROUND STORAGE TANK INSPECTION REPORT

NO: 007635 ACCOUNT NO: 11979-1 UST PERMIT NO: \_\_\_\_\_  
SITELITY: Shell Oil Lease PERMIT: \_\_\_\_\_  
ADDRESS: ~3000 Lambert Rd. MAP COORDINATES: 3-A5  
CITY: Brea ZIP: 92621 DISTRICT: 1  
FIRST CROSS STREET: Corner of Valencia & Lambert TSD FACILITY? \_\_\_\_\_  
NEW BUSINESS? \_\_\_\_\_ NEW ADDRESS? \_\_\_\_\_ NEW OWNER? \_\_\_\_\_ PUBLIC AGENCY? \_\_\_\_\_  
INFO: \_\_\_\_\_

INSPECTION TYPE: \_\_\_\_\_ NO OF UST ON SITE: 1-0 UST INSPECTION TYPE: 7  
NUMBER OF EMPLOYEES: \_\_\_\_\_ UST COMPLIANCE CODE: \_\_\_\_\_  
DATE HW INSPECTED: \_\_\_\_\_ LAST DATE UST INSPECTED: \_\_\_\_\_  
EXEMPT CODE: \_\_\_\_\_ UST EXEMPT CODE: \_\_\_\_\_  
STATUS CODE: \_\_\_\_\_ UST STATUS CODE: \_\_\_\_\_  
LESSOR OWNER: \_\_\_\_\_ PHONE: (\_\_\_\_) \_\_\_\_\_  
OPERATOR: \_\_\_\_\_ PHONE: (\_\_\_\_) \_\_\_\_\_  
CONTACT: \_\_\_\_\_ PHONE: (\_\_\_\_) \_\_\_\_\_

BILLING (NAME & MAILING ADDRESS): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
PHONE: (\_\_\_\_) \_\_\_\_\_

UST BILLING (NAME & MAILING ADDRESS): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
PHONE: (\_\_\_\_) \_\_\_\_\_

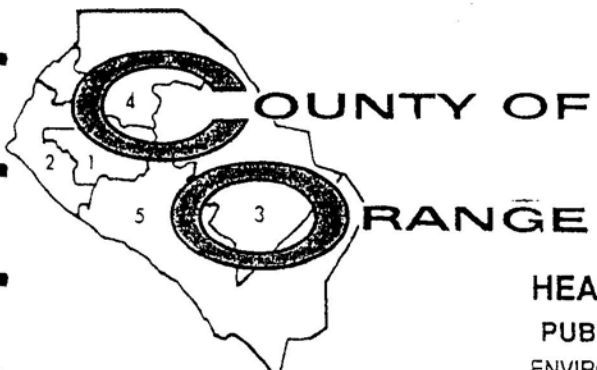
PROPERTY OWNER (NAME & MAILING ADDRESS): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
PHONE: (\_\_\_\_) \_\_\_\_\_

TANK OWNER (NAME & MAILING ADDRESS): Shell Oil  
4024 Valley View  
Yuba Linda, CA 92686  
PHONE: (913) 529-2571

AGENCY CONTACTS  
\_\_\_\_\_  
PHONE: (\_\_\_\_) \_\_\_\_\_  
\_\_\_\_\_  
PHONE: (\_\_\_\_) \_\_\_\_\_

INSPECTOR #: 232 NAME: Bru Dewey H-784 DATE: 12/10/90  
PERMIT: \_\_\_\_\_

(6)



COUNTY OF ORANGE

TOM URAM  
DIRECTOR

L. REX EHLING, M.D.  
HEALTH OFFICER

ENVIRONMENTAL HEALTH DIVISION  
ROBERT E. MERRYMAN, REHS MPH  
DEPUTY DIRECTOR

MAILING ADDRESS: P.O. BOX 355  
SANTA ANA, CA 92702

HEALTH CARE AGENCY  
PUBLIC HEALTH SERVICES  
ENVIRONMENTAL HEALTH DIVISION  
2009 E. EDINGER AVENUE  
SANTA ANA, CALIFORNIA 92705  
(714) 667-3700

*historical  
fma*

FACILITY MODIFICATION  
APPLICATION  
INSTALLATION/REMOVAL/REPAIR  
(COMPLETE PAGES 1 & 2)

DATE: 12-10-90

FACILITY INFORMATION

NAME: Shell Oil House  
STREET ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_  
TOTAL NUMBER OF TANKS (AFTER INSTALLATION/REMOVAL)  
AT THIS LOCATION: 1 → 0  
TYPE OF BUSINESS:  
 GASOLINE STATION  FARM  
 GOVERNMENT  OTHER  
OWNER: \_\_\_\_\_

TYPE OF CONSTRUCTION

INDICATE NO. OF TANK(S):  
 INSTALLATION(S) (COMPLETE PAGE 2)  
 REPAIR(S)/RELINE(S)  
 CLOSURE(S)/REMOVAL(S)  
 SYSTEM MODIFICATION (E.G., REPIPE)  
 OTHER (SPECIFY) \_\_\_\_\_

24 HOUR EMERGENCY CONTACT PERSON

DAYS: \_\_\_\_\_  
NAME: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_  
NIGHTS: \_\_\_\_\_  
NAME: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

NAME (CORP., INDIVIDUAL, PUBLIC AGENCY):  
Shell Oil  
STREET ADDRESS: 4024 Valley View  
CITY: Yorba Linda, CA  
STATE: \_\_\_\_\_ ZIP: 92686  
TELEPHONE NO.: (213) 529-2511

APPLICANT

NAME: \_\_\_\_\_  
PLEASE PRINT  
SIGNATURE: \_\_\_\_\_  
COMPANY NAME: \_\_\_\_\_  
TELEPHONE NO.: \_\_\_\_\_

BILLING ADDRESS INFORMATION

BILL TO NAME: \_\_\_\_\_  
BILL TO ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_  
STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
TELEPHONE NO.: \_\_\_\_\_

FACILITY OPERATOR (CONTACT PERSON)

NAME: Shell Oil  
BUSINESS TELEPHONE NO.: 213 529-2511

NOTE: NEW INSTALLATIONS, CLOSURES REPAIRS AND SYSTEM MODIFICATIONS OF UNDERGROUND STORAGE TANKS REQUIRE THE SUBMITTAL OF (4) SETS OF PLANS TO THIS DIVISION. THESE PLANS MUST BE APPROVED PRIOR TO THE INITIATION OF ANY CONSTRUCTION OR MODIFICATION.

OFFICE USE ONLY

PERMIT NO.: 11979 PLAN APPROVAL DATE: \_\_\_\_\_ BY: \_\_\_\_\_ NO.: \_\_\_\_\_  
CHECK NO.: \_\_\_\_\_ FEES: \_\_\_\_\_ FINAL FIELD INSPECTION DATE: \_\_\_\_\_  
NO. OF TANKS TO BE ADDED TO BILLING: \_\_\_\_\_ NUMBER OF TANKS TO RECEIVE A SURCHARGE BILL: \_\_\_\_\_

H-785

# TANK INFORMATION

-2-

TANK I.D.		#1/001	#2	#3	#4
UN-ORNUD	CURRENTLY	96			
	PROPOSED				
PREVIOUSLY					
FUEL TYPE (IF TRADE SECRET, PLEASE STATE)					
TYPE (TANK, SUMP, OTHERS)		1			
DOUBLE WALL/SINGLE WALL		2			
C	UL NUMBER	99			
	YEAR INSTALLED	99			
O	VAULTED/NOT VAULTED	3			
	MANUFACTURER	99			
N	CAPACITY (GALLON)	1000			
	CONSTRUCTION MATERIAL	1			
T	THICKNESS (UNITS)	99			
	INTERIOR LINING	99			
A	MANUFACTURER	97			
	CAPACITY (GALLON)	1			
I	CONSTRUCTION MATERIAL	V			
	THICKNESS (UNITS)				
N	CORROSION PROTECTION	99			
	TYPE OF LEAK DETECTION (LIQUID, VAPOR, ETC.)	96			
E	MANUFACTURER OF LEAK DETECTOR	97			
	LOCATION (UNDER/ABOVE GROUND)	1			
F	SUCTION/PRESSURE GRAVITY/UNKNOWN	99			
	PRIMARY CONSTRUCTION MATERIAL	1			
I	MANUFACTURER	99			
	SECONDARY CONSTRUCTION MATERIAL	97			
G	MANUFACTURER	97			
	TYPE OF LEAK DETECTION (LIQUID, VAPOR, ETC.)	96			
MANUFACTURER OF LEAK DETECTOR		97			
OVERFILL PROTECTION (TYPE)		99			
SPILL CONTAINMENT		99			

ATTACH A DIAGRAM (8 1/2" X 11") INCLUDE THE LOCATIONS OF THE UNDERGROUND STORAGE TANK(S), PIPING, AUXILIARY EQUIPMENT, BUILDINGS AND OTHER LANDMARKS.

OFFICE USE ONLY

9

MONITORING SYSTEM/ALTERNATIVE	96	H-786	
-------------------------------	----	-------	--

CHECKLIST FOR TANK REMOVAL FIELD NOTES

Yes/No/Comments/Readings

- Is area secure from public access? yes
- Status of removal at time of arrival (triple rinsing/tank removed) excavated
- Fire Department personnel on-site? O.C. Tony Rinaldi
- Contractor on-site? Excel Environmental
- Consultant on-site? Excel "
- Instrument readings of ambient air (perimeter, 5 ft. from excavation, at excavation) 0 0 0
- Are odors present? (strong, slight, etc.) no
- Direction of prevailing wind? S.
- Condition of tank(s) (rusting/pitting/holes/corrosion, etc.) large holes
- Number of tanks being removed 1
- Size of tank(s) ~550-1000
- Construction material of tank(s) steel
- Product(s) previously stored in tank(s) probably diesel or gas
- Condition of excavation (staining, etc.) no staining
- Is free product noted in excavation? no
- Is groundwater noted in excavation? no
- Native soil type loam
- Depth to groundwater? unk
- Was piping removed? yes
- Location of samples (Chain of custody completed?) yes
- Instrument readings of excavation area 0 ppm
- Instrument readings of spoils 0 ppm
- Intended re-use or means of disposal of tank(s) AMR
- Prop 65 notification been completed? NO
- Approximate dimensions of the excavation 20' x 10'
- Was tank(s) triple rinsed? (manifest) no - was empty OLEL
- Upon departure, is area or will area be secured (fencing, spoils covered) without rinsing
- Proximity to residential area (on-plot sketch) yes 10

norm

005648

UNDERGROUND TANK CLEANUP FORM

Facility Name: Shell Oil Lease Address: 3000 Lambert rd Brea 92621

P# 90PC520 TI # LUST # IR #

Inspector: Bri Dewey Date: 12/10/90 Time:

Cross Streets: Lambert & Vallencis area. "100 acre lease" Site Telephone Number

Owner: Shell oil Address: 4024 Valley View Yorba Linda, CA 92686

Contact Person: Shell oil Telephone Number: (213) 529-2511

Operator (if different than owner): Same Telephone Number

Consultant or Contractor Company: Excal Environmental Contact Name: Don Ortman Telephone Number: (213) 634-8121

Tank #1: 1000 steel Diesel? Size Const. Mat. Mat. Stored Tank #4: Size Const. Mat. Mat. Stored

Tank #2: Size Const. Mat. Mat. Stored Tank #5: Size Const. Mat. Mat. Stored

Tank #3: Size Const. Mat. Mat. Stored Tank #6: Size Const. Mat. Mat. Stored

Depth to Groundwater: unk Fate of Piping:

Prop. 65 Required? Prop. 65 Form Submitted on:

Fire Dept. Personnel on Site: OC fire Tony Biniti

Instant Air Readings on Field Instrument:

Other Information: Tank was found after demolishing a house.

The tank was ~1 ft. below grade - may have been diesel backup generator. Nobody can remember there being a tank there for the past 28 years.

Tank was pitted through with >10 holes some ~10x10"

soil appears to be sandy loam - no apparent staining in pit

Uppm on gas for samples.

NOTE: Page 46-49 from Prior Search

(11) (16)

FIELD ACTIVITY DESCRIPTION

Shell oil lease

Facility Name \_\_\_\_\_ Address \_\_\_\_\_

PG# 90PC520 TI # \_\_\_\_\_ LUST # \_\_\_\_\_ IR # \_\_\_\_\_

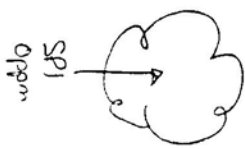
Inspector: Bre Dewey Date: 12/10/90 Time: \_\_\_\_\_

Field Activity: tank to AMR

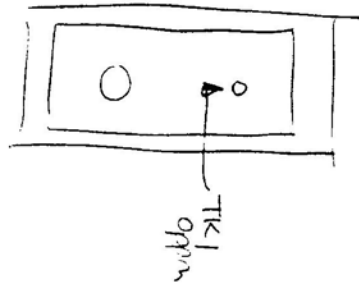
Lab SCS Longbeach

no manifest for remote tank had O LEL when it was uncovered and was empty

2 samples taken this date



~550-1000 gal diesel tank

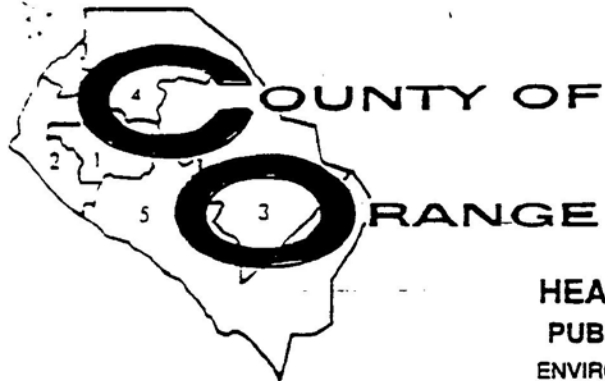


← sample

Valencia



JASON LEW



TOM URAH  
DIRECTOR  
L. REX EHLING, M.D.  
HEALTH OFFICER  
ENVIRONMENTAL HEALTH DIVISION  
ROBERT E. MERRYMAN, REHS MPH  
DEPUTY DIRECTOR

MAILING ADDRESS: P.O. BOX 35  
SANTA ANA, CA 92701

HEALTH CARE AGENCY  
PUBLIC HEALTH SERVICES  
ENVIRONMENTAL HEALTH DIVISION  
2009 E. EDINGER AVENUE  
SANTA ANA, CALIFORNIA 92705  
(714) 667-3700

FACILITY MODIFICATION  
APPLICATION  
(INSTALLATION/REMOVAL/REPAIR)  
(COMPLETE PAGES 1 & 2)

DATE: 11/16/90

FACILITY INFORMATION

NAME: SHELL OIL LEASE NW CORNER OF  
STREET ADDRESS: 4024 VALLEY VIEW  
CITY: VORBA LINDA CA 92686  
TOTAL NUMBER OF TANKS (AFTER INSTALLATION/REMOVAL)  
AT THIS LOCATION: 0  
TYPE OF BUSINESS:  
GASOLINE STATION FARM  
GOVERNMENT OTHER  
TANK OWNER

NAME (CORP., INDIVIDUAL, PUBLIC AGENCY):  
HELL OIL  
STREET ADDRESS: 4024 VALLEY VIEW  
CITY: VORBA LINDA  
STATE: CA ZIP: 92686  
TELEPHONE NO.: (213) 529-2511

BILLING ADDRESS INFORMATION  
BILL TO NAME: EXCEL ENVIRONMENTAL  
BILL TO ADDRESS: 15725 TEXACO AVE  
CITY: PARAMOUNT  
STATE: CA ZIP: 90723  
TELEPHONE NO.: (213) 529-2511

TYPE OF CONSTRUCTION

INDICATE NO. OF TANK(S):  
INSTALLATION(S) (COMPLETE PAGE 2)  
REPAIR(S)/RELINE(S)  
1 CLOSURE(S)/REMOVAL(S)  
SYSTEM MODIFICATION (E.G., REPIPE)  
OTHER (SPECIFY)

24 HOUR EMERGENCY CONTACT PERSON  
DAYS: WALTER J. WOJAK (213) 529-2511  
NAME TELEPHONE  
NIGHTS: WALTER J. WOJAK (213) 529-2511  
NAME TELEPHONE

APPLICANT  
NAME: WALTER J. WOJAK  
PLEASE PRINT  
SIGNATURE: Walter Wojak  
COMPANY NAME: EXCEL ENVIRONMENTAL  
TELEPHONE NO.: (213) 529-2511

FACILITY OPERATOR (CONTACT PERSON)  
NAME: SHELL OIL  
BUSINESS TELEPHONE NO.: (213) 529-2511

NOTE: NEW INSTALLATIONS, CLOSURES REPAIRS AND SYSTEM MODIFICATIONS OF UNDERGROUND STORAGE TANKS REQUIRE THE SUBMITTAL OF (4) SETS OF PLANS TO THIS DIVISION. THESE PLANS MUST BE APPROVED PRIOR TO THE INITIATION OF ANY CONSTRUCTION OR MODIFICATION.

OFFICE USE ONLY

CITY PERMIT NO.: PLAN APPROVAL DATE: 11-17-90 BY: Mike McCall NO.:  
PLAN CHECK NO.: 90-520 FEES: \$196 FINAL FIELD INSPECTION DATE:  
NUMBER OF TANKS TO BE ADDED TO BILLING: NUMBER OF TANKS TO RECEIVE A SURCHARGE BILL:  
FORMS: FMA CB#1194 SB H-790 13 (98)

# APPROVED

ORANGE COUNTY HEALTH CARE AGENCY  
ENVIRONMENTAL HEALTH  
HAZARDOUS MATERIALS MANAGEMENT SECTION

*MM*  
Plan Reviewer: *11/19/90* 90-520  
Plan

This approval shall not be construed as approval of the violation of any law, code, ordinance, or regulation, nor shall it constitute a warranty of any kind. It is the responsibility of the applicant to ensure that all plans, specifications, and materials comply with all applicable laws, codes, ordinances, and regulations. If any additional information is required, the applicant shall provide it within the time specified.

In addition to this approval, the applicant shall provide a copy of the approved plans to the local health department, building department, and fire department for their records. The applicant shall also provide a copy of the approved plans to the local health department for their records. The applicant shall also provide a copy of the approved plans to the local health department for their records.

Underground tank installation, removal, and repair inspections are required and scheduled 45 days in advance. For more information, call (714) 667-3700. A copy of these approval plans must be available at the site at all times.

Garage  1000 Gallon Diesel

*Liquid Storage*  
All piping associated with underground storage tanks shall be removed and properly disposed of.

*~3000 Lambert Rd*  
*Base*

~~Restauratory~~ *Lambert*

~~Lakeview~~ *Valencia*

Shell Oil Lease  
4024 Valley View  
Yorba Linda, California 92686

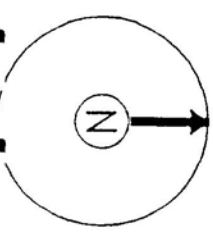
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HEALTH CARE AGENCY  
ENVIRONMENTAL HEALTH

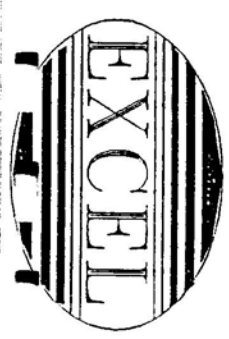
Figure 1

14

Map Page 8 A2



Field Engineer: W. Wojcik  
Drawn By: K. Wojcik  
App: d B A eta



GENERAL ENGINEERING  
15725 Taxco Avenue  
(714) 529-2511

ENVIRONMENTAL  
AND  
Project: J0000053  
Date: November 15, 1990  
Drawing Number: J053

# 462



April 22, 1986

Murray Storm, Director  
County of Orange  
Environmental Management Agency  
P.O. Box 4048  
Santa Ana, California 92720

**SUBJECT: SHELL OIL PROPERTY - SOUTHEAST CORNER CARBON CANYON ROAD AND VALENCIA AVENUE**

CIVIC CULTURAL CENTER  
No. 1 Civic Center Circle  
Brea, California 92621  
(714) 990-7600

CITY COUNCIL

CLARICE A. BLAMER  
MAYOR

JOHN SUTTON  
MAYOR PRO TEM

NORMA ARIAS HICKS  
COUNCILWOMAN

GENE LEYTON  
COUNCILMAN

CARREY NELSON  
COUNCILMAN

Dear Mr. Storm:

I want to thank you for your attention to our concerns, as well as having members of your staff from the enforcement section, in attendance at the meeting in the City of Brea on April 8, 1986. I have attached copies of the minutes of that meeting as information for you. We do have an additional request for information and/or suggestions about coordination of activities.

We would appreciate continued enforcement and inspections of all oil well operations in our jurisdiction, such that we may advise our constituents that the County is enforcing its codes and ordinances in a proper and professional manner.

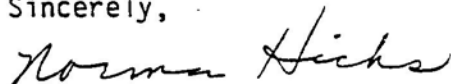
To be more specific, we would like to know the specific zoning and applicable regulations for the above referenced property. Further, we would request that, before sump holes are filled in the future, that the inspections take place in accordance with your referenced oil production code. Further, due to our concerns relative to what happened on the above referenced property, and since your inspectors could not at that meeting guarantee that the sump holes were appropriately pumped and/or filled accordingly, we are going to request that Shell Oil Company perform certain soils tests by an independent company.

Murray Storm, Director  
Page two  
April 22, 1986

We also noted that there is a possibility that the County regulations relative to oil drilling and production may now need some amending, especially in the area dealing with safety issues involving the public, i.e. open sump holes. We will be happy to work with you on any possible code revisions or amendments and would appreciate any response you may have to this matter.

Again, I want to thank you and your staff for their helpfulness in this matter. We look forward to future meetings with you and your staff, to ensure that the sphere of influence in Brea is kept in accordance with the County standards.

Sincerely,



Norma A. Hicks  
Councilwoman

NAH:WRK:alv.75

Attachment

cc: Supervisor Bruce Nestande  
Lynn Fishell - Aide to Supervisor Nestande  
Tom Eichron - Aide to Supervisor Nestande  
Clarence Moore - Orange County EMA/Building Inspector  
R.E. Elmes - Orange County EMA/Building Inspector  
John Stoffel - Orange County Sanitarian  
Catherine Bish - Orange County Sanitarian  
Mayor and City Council  
Ed Wohlenberg - City Manager  
William R. Kelly - Director of Development Services  
Bud Moody - Battalion Chief  
Richard Mitchell - Building and Safety Manager  
Roger Gary - Code Enforcement Officer

## MINUTES

### MEETING APRIL 8, 1986 RELATIVE TO SHELL OIL PRODUCTION PROCESS

#### Attendance:

##### City of Brea

Norma Hicks, Councilwoman  
Bill Kelly, Director of Development Services  
Bud Moody, Fire Marshall  
Richard Mitchell, Building and Safety Manager  
Roger Gary, Code Enforcement Officer

##### County of Orange

C.L. Moore, Orange County EMA/Building Inspector  
R.E. Elmes, Orange County Building Inspector  
John Stoffel, County Sanitarian  
Catherine Bish, County Sanitarian  
Lynn Fischell, Aid to Supervisor Nestande  
Tom Eichron, Aid to Supervisor Nestande

##### Shell Oil Company

Bruce Kerr, Production Supervisor

#### Meeting Discussion

Councilwoman Hicks opened the meeting with an explanation of the City of Brea's concerns as follows:

1. Safety Issues - Need for fencing, closure of open pits and related matters.
2. Future Land Use Issues - What will the results be of building on top of sumps, holes or other oil production processes.
3. Environmental Effects - i.e. dead trees in area, contamination of ground water, etc.
4. Ordinance Amendments - Possible need to amend the existing County code so as to better fit the needs of the general public.
5. Enforcement - Is it being done and in what manner?
6. Notice - County needs to notify the City of Brea as to activities in its sphere of influence.
7. Grading Concerns - What department handles it?
8. Transmittal of Information - Need County to send appropriate ordinances for us to review of the "0" district.

The following is a summary of discussion:

### County

Relative to drilling operations, the drilling mud is to be removed, but can be placed into temporary sumps or storage tanks, provided the sumps or storage areas are filled within 30 days. Any permanent sump holes, need the County Building Official's approval and must be fenced. The mud is not allowed to be left in the sump holes.

Wells can be closer than so stated within the the ordinance, provided that certain safety conditions are met, i.e. guy lines, safety regulations, security guards, etc.

Before the County can determine what the actual material is in the ground, a soils analysis will need to be done.

Shell usually submits information to the County, as to assurances that the material is not in violation of any federal, state, county or local codes.

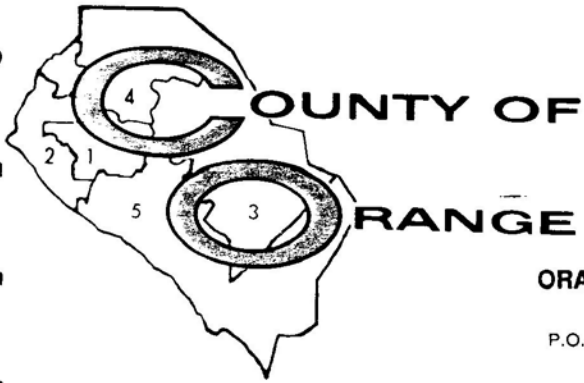
### Shell Oil Company

Bruce Kerr stated that water is added as a lubricant when drilling, acting as a sealant against sand and dirt cave-ins, as well as stopping the binding of the drill bits as they go into the ground. Two forms of mud are used at the site; first, cuttings from the drillings that come up, go into a shaker pit and then are recirculated, or second, closed containers are brought in with the lubricant, from which the material is recycled and reused.

Mr. Kerr advised that they have just completed 18 wells in the subject area. In the audio visual tape, he stated the seepage was from drilling mud pushed over the side. Mr. Kerr indicated it was just spilled over the top and was not a usual operation. These wells have been operated since 1920 and are carefully monitored. He stated that some dirt is brought in occasionally for grading, but that all grading is in conformance with the County regulations for oil drilling. He further indicated that grading is exempt from the County code, unless building pads or permanent drilling rigs are required. He also advised that the sumps or pits may be located anywhere on the property and that each well is inspected once a year by the County with Shell people.

### Additional Discussion

Discussion ensued relative to other matters, as well; that is, Councilwoman Hicks' concern over trucks appearing at night on the subject property with the alleged potential that they are dumping toxic waste or other illegal materials. She also expressed a concern about the trees dying on the south side of Carbon Canyon Road adjacent to the Shell Oil property. Additional concerns were expressed relative to when the County does the actual inspections, with the County indicating, they inspect upon issuance of permit and several times during the process. The County did not confirm that they made any inspections of the subject sump holes before they were filled. The County further indicated that they do not have specific soils tests available at this time for the subject property.



RECEIVED  
JUL 2 - 1992  
Ans'd.....

LARRY J. HOLMS  
DIRECTOR OF FIRE SERVICES

SERVING THE UNINCORPORATED AREAS  
OF ORANGE COUNTY AND THE CITIES OF:

CYPRESS  
DANA POINT  
IRVINE  
LAGUNA NIGUEL  
LA PALMA  
LOS ALAMITOS  
MISSION VIEJO  
PLACENTIA  
SAN JUAN CAPISTRANO  
SEAL BEACH  
STANTON  
TUSTIN  
VILLA PARK  
YORBA LINDA

**ORANGE COUNTY FIRE DEPARTMENT**

180 SOUTH WATER STREET  
P.O. BOX 86, ORANGE, CALIFORNIA 92666-0086  
(714) 744-0400

June 30, 1992

Anna M Scott  
GeoSoils, Inc.  
1446 East Chestnut Ave  
Santa Ana, CA 92701

Ms. Scott:

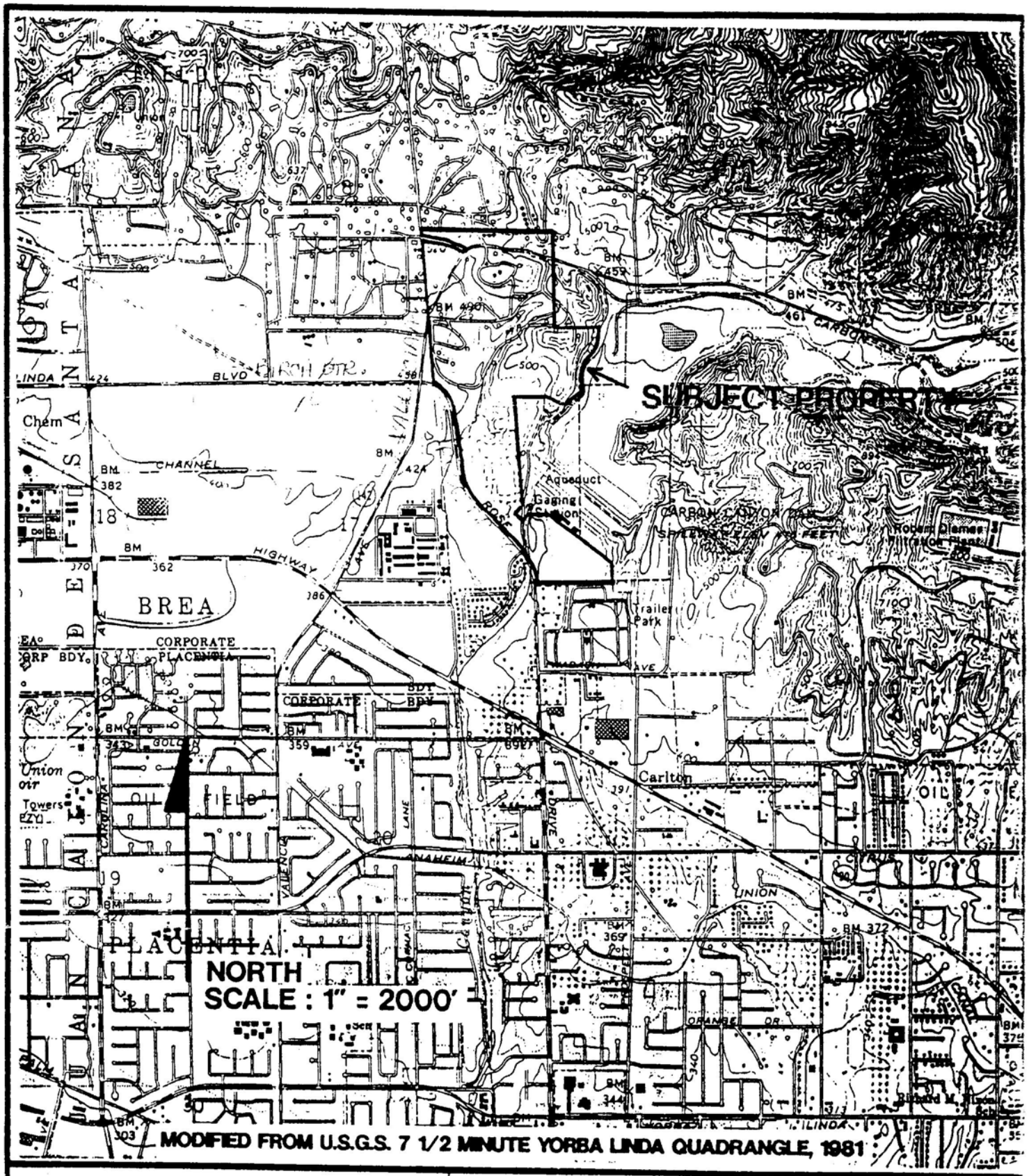
In response to your request for information concerning any incidents at the attached locations, we checked from 1985 to the present and found no record of any incidents.

If I can be of any further assistance, please let me know.

Sincerely,

Luci Mello  
OCFIRS SECTION  
(714) 744-6618





# SITE LOCATION MAP BREA EAST

DATE 5/19/92 W.O. NO 2358-A1-OC BY GSI

Soil Mechanics • Geology • Foundation Engineering

H-797



**APPENDIX D**

**ORANGE COUNTY WATER DISTRICT RECORDS**

**Pages 1 through 24**

**WELLS AND GROUNDWATER DEPTH MAP**

**Page 25**

**REGIONAL WATER QUALITY CONTROL BOARD**

**Pages 26 and 27**

**ORANGE COUNTY WATER DISTRICT**  
 10500 Ellis Avenue  
 Post Office Box 8300  
 Fountain Valley, CA 92728-8300  
 Telecopier: (714) 963-7472

**TRANSMITTAL**

TO: Skip Pouncey  
 Geo Soils, Inc.  
 1446 Chestnut  
 Santa Ana, Ca. 92701

THE FOLLOWING ITEMS ARE:

- ENCLOSED
- REQUESTED
- SENT SEPARATELY VIA \_\_\_\_\_

DATE: June 17, 1992

SUBMITTED BY: Stacy Drinkwine

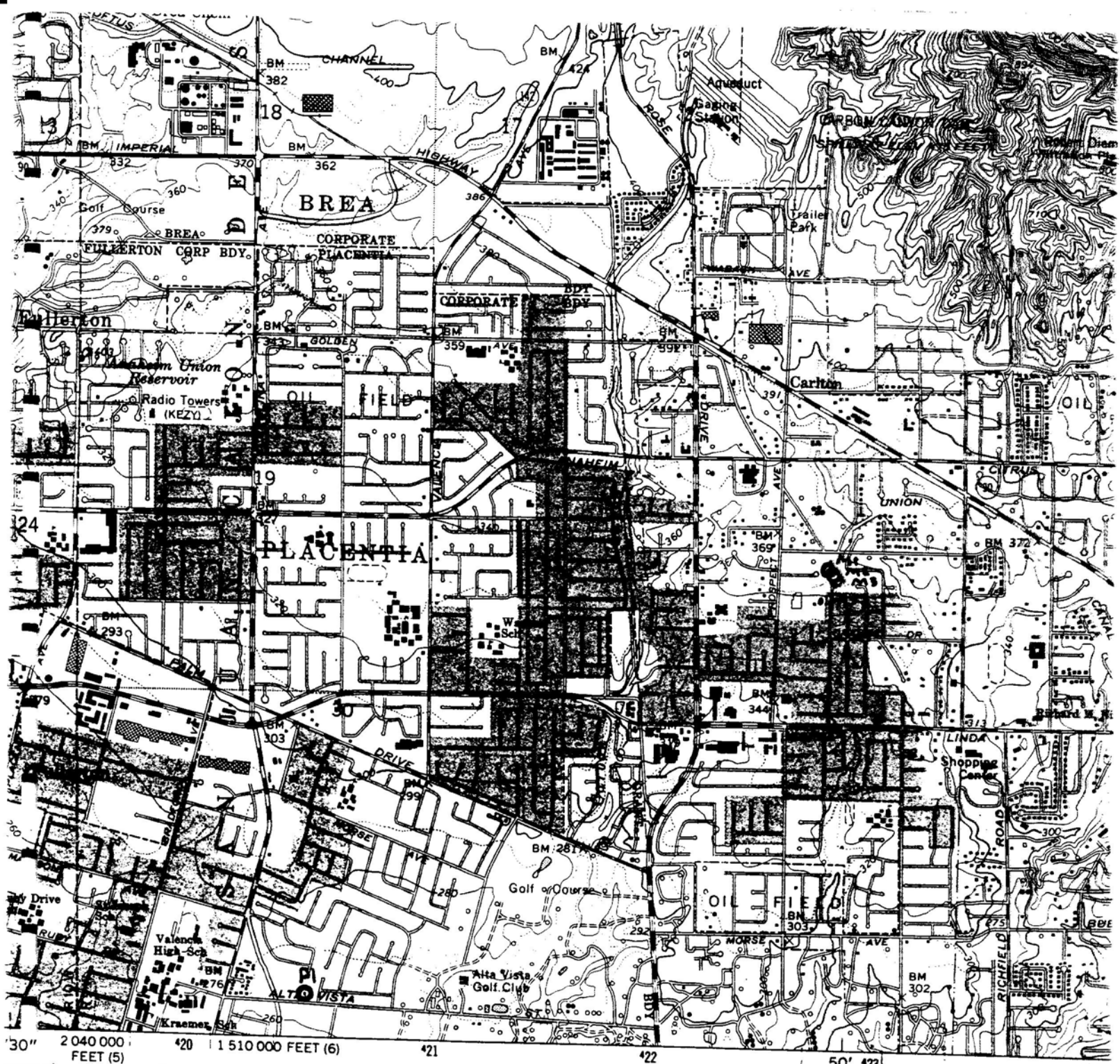
SUBJECT: Well information for Brea at Valencia and Rose Drive.

#1410	Date	JUNE 17, 1992	No.	8011
	Received Of	GEO SOILS, INC.		
	Address	1446 E. CHESTNUT		
		SANTA ANA, CA. 92701	\$	TEN.00
	For	VALENCIA / ROSE		
	HOW PAID	BALANCE DUE		
		check 2844		
		By <i>Co. Steffen</i>		
		OCWD		
		REDIFORM® 81 826 carbonless		

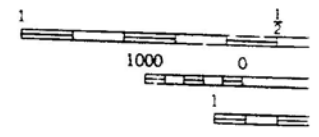
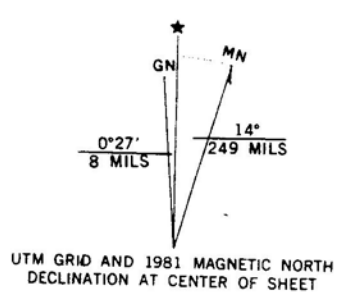
No. OF COPIES	DESCRIPTION
1	well location map
2	well location cards
14	VOC Analysis
3	Inorganic Data
2	water levels
1	1991 contour map
1	Groundwater Management Plan (see references)
1	Engineer's Report (See references)

THE ABOVE ITEMS ARE SUBMITTED:

- |  |   |
|--|---|
| <input type="checkbox"/> AT YOUR REQUEST           | <input type="checkbox"/> FOR YOUR ACTION      |
| <input checked="" type="checkbox"/> FOR YOUR FILES | <input type="checkbox"/> FOR YOUR SIGNATURE   |
| <input type="checkbox"/> FOR YOUR REVIEW           | <input type="checkbox"/> FOR YOUR INFORMATION |



prepared, edited, and published by the Geological Survey  
 by USGS, NOS/NOAA, Los Angeles County, and Orange County  
 topography by photogrammetric methods from aerial  
 photographs taken 1963. Field checked 1964  
 UTM grid projection. 10,000-foot grid ticks based on  
 UTM coordinate system, zones 6, 7 and 5  
 100-meter Universal Transverse Mercator grid ticks,  
 zone 11, shown in blue. 1927 North American Datum  
 placed on the predicted North American Datum 1983  
 along the projection lines 1 meter north and 84 meters  
 east shown by dashed corner ticks  
 Dotted indicates areas in which only landmark buildings are shown  
 Area covered by dashed light-blue pattern is  
 subject to controlled inundation  
 Unpermitted, land lines are not shown because of insufficient data  
 and the land lines established by private surveys  
 The red dashed lines indicate selected fence and field lines where  
 generally visible on aerial photographs. This information is unchecked



UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

THIS MAP C  
 FOR SALE BY U. S. GEOLOGICAL SURVEY  
 A FOLDER DESCRIBING

7

SWN: 3S/9W-21M1 5, 20

WPFN: 76-05-2-B

OID: WELL #2 #1 30

OWNER: Santa Fe Energy Company

USE: Dom, Ind.

ADDRESS: 17001 East Carbon Canyon Road  
Brea, CA 92621

MIKE DELUKA

PHONE: Mr. Farron (714) 528-7433

DRILLED BY: Petroleum Development Company

DATE DRILLED: 1900

ADDRESS: \_\_\_\_\_

LOG ON FILE: No

EXACT WELL LOCATION: South side El Cajon Ave.; 750' E/o Prospect Avenue

DEPTH: 274' DIA: 10"

KIND OF PUMP: Pomona Turbine

SPECIFIC DEPTH OF PERFORATIONS:  
(74-274)

METER NO.: \_\_\_\_\_ HP: 3

FREQ. OF SAMPLING: \_\_\_\_\_

GR OR RP ELEVATION: \_\_\_\_\_

REMARKS: 2" discharge

3/9-21M1

OCWD B-23

8

SWN: 3S/9W-21M2 5, 20

WPFN: 76-05-2-A

OID: WELL #1 #2 30

OWNER: Santa Fe Energy Company

USE: Dom, Ind.

ADDRESS: 17001 East Carbon Canyon Road  
Brea, CA 92621

PHONE: 528-7433 MIKE DELUKA

DRILLED BY: Petroleum Development Avenue

DATE DRILLED: Before 1901

ADDRESS: \_\_\_\_\_

LOG ON FILE: No

EXACT WELL LOCATION: S side El Cojon Avenue; 750' E/o Prospect Avenue

WELLS ARE IN YORBA LINDA  
(elec.)

DEPTH: 294' DIA: 8"

KIND OF PUMP: Berkley Jet-Pump

SPECIFIC DEPTH OF PERFORATIONS:  
\_\_\_\_\_  
\_\_\_\_\_

METER NO.: \_\_\_\_\_ HP: 1.5

FREQ. OF SAMPLING: \_\_\_\_\_

GR OR RP ELEVATION: \_\_\_\_\_

REMARKS: 1 1/2" discharge H-801

(3)

9

SWN: 33/9W-21M3

WPFN: 76-05-2-C

OID: WELL #3

USE: Dom., Ind.

OWNER: Santa Fe Energy Co.

ADDRESS: 17001 E. Carbon Canyon Rd.  
Brea, CA 92621

PHONE: \_\_\_\_\_

DRILLED BY: Petroleum Development Co.

DATE DRILLED: Prior to 1902

ADDRESS: \_\_\_\_\_

LOG ON FILE: No

EXACT WELL LOCATION: South side El Cajon Ave., 750' E/o Prospect Ave.

DEPTH: 205' DIA: 8 1/4"

KIND OF PUMP: \_\_\_\_\_

SPECIFIC DEPTH OF PERFORATIONS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

METER NO.: \_\_\_\_\_ HP: 3

FREQ. OF SAMPLING: \_\_\_\_\_

GR OR RP ELEVATION: \_\_\_\_\_

REMARKS: 2" discharge

3/9-21M3

OCWD E-13

6

SWN: 3S/9W-30P 1 6.18

WPFN: 75-21-16A

OID: Sparling 8643

USE: IRR ONLY

OWNER: ALTA VISTA GOLF COURSE  
Irvin C. Chapman

ADDRESS: c/o MD Johnson Trust

777 Alta Vista, Placentia, CA 92670

PHONE: 675-7173  
524-2022 <sup>(10-22-86)</sup> 524-1541  
13711 MARSH  
528-1185 - GOLF COURSE

DRILLED BY: \_\_\_\_\_

DATE DRILLED: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

LOG ON FILE: No

EXACT WELL LOCATION: N side of Alta Vista, E/o Kraemer 200'; 50' W/o Jasmine

DEPTH: 438' DIA: \_\_\_\_\_

KIND OF PUMP: SPARLING #38889

SPECIFIC DEPTH OF PERFORATIONS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

METER NO.: 8643 (C&S) HP: 75

FREQ. OF SAMPLING: \_\_\_\_\_

GR OR RP ELEVATION: \_\_\_\_\_

REMARKS: HOT!  
IN VAULT (ASK FOR HERRADOR THE MECHANIC TO ASSIST YOU) A.M.'S ARE  
METER READING 9-2-88 667636 COOLER.

④

# OCWD GC ANALYSIS FOR VOLATILE ORGANICS

**3S/9W-21M1**

STATE WELL NUMBER

SAMPLE SITE INFORMATION:

SANTE FE WELL NO.  
YORBA LINDA

DATE SAMPLED	4-26-90	4-26-90			
DATE ANALYZED	4-26-90	4-26-90			
SAMPLED BY	SD	SD			
EPA METHOD USED FOR ANALYSIS	601/602	601/602			
CONSTITUENTS (ug/L)					
Chloromethane	—	—			
Bromomethane	—	—			
Vinyl Chloride	—	—			
Chloroethane	—	—			
Methylene Chloride	—	—			
1,1 Dichloroethylene (DCE)	—	—			
1,1 Dichloroethane	—	—			
Chloroform	—	—			
Carbon Tetrachloride	—	—			
1,2-Dichloropropane	—	—			
Trichloroethylene (TCE)	—	—			
1,1,2- Trichloroethane	—	—			
Dibromochloromethane	—	—			
Tetrachloroethylene (PCE)	—	—			
Chlorobenzene	—	—			
1,2 Dichlorobenzene	—	—			
1,3 Dichlorobenzene	—	—			
1,4 Dichlorobenzene	—	—			
Trichlorofluoromethane	—	—			
t- 1,2- Dichloroethylene	—	—			
1,2 Dichloroethane	—	—			
1,1,1 Trichloroethane (TCA)	—	—			
Bromodichloromethane	—	—			
t- 1,3-Dichloropropene	—	—			
c- 1,3-Dichloropropene	—	—			
Benzene	—	—			
Bromoform	—	—			
1,1,2,2-Tetrachloroethane	—	—			
Toluene	—	—			
Ethylbenzene	—	—			
ELFEL 113	—	—			
EC @ 25°C (umho/cm)	—	—			
TOC (mg/L)	—	—			

**FIELD REMARKS:** SD - steady drawdown  
4/24/90 - Sample obtainable only from spigot East of pump base.

0.5 ug/L as reportable detection limit on all constituents listed on this page  
 TR - Trace constituent was seen but below reportable detection limit  
 N.D. - Not Detected  
 N.A. - Not Analyzed





OCWD GC ANALYSIS  
LABORATORY REMARKS

3S/9W-21M1

STATE WELL NUMBER

SAMPLE SITE INFORMATION:

SANTA FE

YORBA LINDA

WELL NO.1

ANALYST	DATE	COMMENTS
SF	4-26-90	601/602 - * Duplicate of same sampling



3S/OW-21M1

State Well Number

Other Sample Site Information:

YORBA LINDA

OCWD GC ANALYSIS  
FOR VOLATILE ORGANICS

SANTA FE #1

Date Sampled	4-29-86	8-27-87	9-2-88				
Date Analyzed	4-29-86	8-28-87	9-6-88				
Sampled By	RS	SD	RS				
Constituent (ug/l)							
Methylene Chloride	-	-	-				
1,1-Dichloroethylene (DCE)	-	-	-				
1,1-Dichloroethane	-	-	-				
Chloroform	-	-	-				
Carbon Tetrachloride	-	-	-				
1,2-Dichloropropane	-	-	-				
Trichloroethylene (TCE)	-	-	-				
1,1,2-Trichloroethane	-	-	-				
Dibromochloromethane	-	-	-				
Tetrachloroethylene (PCE)	-	-	-				
Chlorobenzene	-	-	-				
Trichlorofluoromethane	-	-	-				
t-1,2-Dichloroethylene	-	-	-				
1,2-Dichloroethane	-	-	-				
1,1,1-Trichloroethane	-	-	-				
Bromodichloromethane	-	-	-				
t-1,3-Dichloropropene	-	-	-				
c-1,3-Dichloropropene	-	-	-				
Benzene	-	-	-				
Bromoform	-	-	-				
1,1,2,2-Tetrachloroethane	-	-	-				
Toluene	-	-	-				
Ethylbenzene	-	-	-				
EC @ 25° (umho/cm)	964	959	982				
TOC (mg/l)		0.7	0.9				
Remarks: RS-RICK SAMUEL SD-STACY PRINCEWINE SAMPLE OBTAINABLE ONLY FROM WELL							

0.5 ug/L as reportable detection limit on all constituents except DCE.  
0.2 ug/L as reportable detection limit on DCE.

# OCWD GC ANALYSIS FOR VOLATILE ORGANICS

**3S/9W-21M2**

STATE WELL NUMBER

SAMPLE SITE INFORMATION:

**SANTE FE WELL NO.2  
YORBA LINDA**

DATE SAMPLED	4-26-90			
DATE ANALYZED	4-26-90			
SAMPLED BY	SD			
EPA METHOD USED FOR ANALYSIS	1011602			
CONSTITUENTS (ug/L)				
Chloromethane	—			
Bromomethane	—			
Vinyl Chloride	—			
Chloroethane	—			
Methylene Chloride	—			
1,1 Dichloroethylene (DCE)	—			
1,1 Dichloroethane	—			
Chloroform	—			
Carbon Tetrachloride	—			
1,2-Dichloropropane	—			
Trichloroethylene (TCE)	—			
1,1,2- Trichloroethane	—			
Dibromochloromethane	—			
Tetrachloroethylene (PCE)	—			
Chlorobenzene	—			
1,2 Dichlorobenzene	—			
1,3 Dichlorobenzene	—			
1,4 Dichlorobenzene	—			
Trichlorofluoromethane	—			
t- 1,2- Dichloroethylene	—			
1,2 Dichloroethane	—			
1,1,1 Trichloroethane (TCA)	—			
Bromodichloromethane	—			
t- 1,3-Dichloropropene	—			
c- 1,3-Dichloropropene	—			
Benzene	—			
Bromoform	—			
1,1,2,2-Tetrachloroethane	—			
Toluene	—			
Ethylbenzene	—			
ERION 113	—			
EC @ 25°C (umho/cm)	—			
TOC (mg/L)	—			

**FIELD REMARKS:** SD = STACEY DRINKWINE  
4-24-90 sample obtainable only from spigot 1' East of well

0.5 ug/L as reportable detection limit on all constituents listed on this page

TR - Trace constituent was seen but below reportable detection limit

N.D. - Not Detected

N.A. - Not Analyzed

H-807

# OCWD GC ANALYSIS FOR VOLATILE ORGANICS

**3S/9W-21M2**

STATE WELL NUMBER

SAMPLE SITE INFORMATION:

**SANTA FE WELL NO.2  
YORBA LINDA**

DATE SAMPLED	4-26-90			
DATE ANALYZED	4-26-90			
SAMPLED BY	SD			
EPA METHOD USED FOR ANALYSIS	100/1002			
CONSTITUENTS (ug/L)				
Dichlorodifluoromethane				
2,2-Dichloropropane				
c-1,2-Dichloroethylene				
Bromochloromethane				
1,1-Dichloropropene				
Dibromomethane				
1,3- Dichloropropane				
1,2-Dibromoethane				
1,1,1,2-Tetrachloroethane				
m-xylene				
p-xylene				
o-xylene				
Styrene				
Isopropylbenzene				
1,2,3- Trichloropropane				
n-Propylbenzene				
Bromobenzene				
1,3,5-Trimethylbenzene				
2- Chlorotoluene				
4- Chlorotoluene				
tert-Butylbenzene				
1,2,4-Trimethylbenzene				
sec-Butylbenzene				
p-Isopropyltoluene				
n-Butylbenzene				
1,2-Dibromo-3-Chloropropane				
1,2,4-Trichlorobenzene				
Hexachlorobutadiene				
Napthalene				
1,2,3-Trichlorobenzene				
EC @ 25°C (umho/cm)				
TOC (mg/L)				
<b>FIELD REMARKS:</b>				

ug/L as reportable detection limit on all constituents listed on this page  
 TR - Trace constituent was seen but below reportable detection limit  
 N.D. - Not Detected  
 N.A. - Not Analyzed

H-808

Lab-21 (10-88)

10

**OCWD GC ANALYSIS  
LABORATORY REMARKS**

**3S/9W-21M2**

**STATE WELL NUMBER**

**SAMPLE SITE INFORMATION:**

**SANTA FE  
YORBA LINDA  
WELL NO.2**

ANALYST	DATE	COMMENTS
JF	4-26-90	LEO1/602 -

3S19W-21M2  
State Well Number

Other Sample Site Information:

OCWD GC ANALYSIS  
FOR VOLATILE ORGANICS

VORBA LINDA  
SANTA FE #2

Date Sampled	4-29-86	8-27-87	8-24-88	8-24-88			
Date Analyzed	4-29-86	8-25-87	8-25-88	8-25-88			
Sampled By	RS	SD	RS	RS			
Constituent (µg/l)							
Methylene Chloride	-	-	-	-			
1,1-Dichloroethylene (DCE)	-	-	-	-			
1,1-Dichloroethane	-	-	-	-			
Chloroform	-	-	-	-			
Carbon Tetrachloride	-	-	-	-			
1,2-Dichloropropane	-	-	-	-			
Trichloroethylene (TCE)	-	-	-	-			
1,1,2-Trichloroethane	-	-	-	-			
Dibromochloromethane	-	-	-	-			
Tetrachloroethylene (PCE)	-	-	-	-			
Chlorobenzene	-	-	-	-			
Trichlorofluoromethane	-	-	-	-			
t-1,2-Dichloroethylene	-	-	-	-			
1,2-Dichloroethane	-	-	-	-			
1,1,1-Trichloroethane	-	-	-	-			
Bromodichloromethane	-	-	-	-			
t-1,3-Dichloropropene	-	-	-	-			
c-1,3-Dichloropropene	-	-	-	-			
Benzene	-	-	-	-			
Bromoform	-	-	-	-			
1,1,2,2-Tetrachloroethane	-	-	-	-			
Toluene	-	-	-	-			
Ethylbenzene	-	-	-	-			
EC @ 25° (µmho/cm)	975	959	945	-			
TOC (mg/l)		0.6	0.6	-			

Remarks: RS-RICK SAMUEL SD-STACY DRINKWINE #recheck of same sampling  
SAMPLE OBTAINABLE ONLY FROM WELL.

0.5 µg/L as reportable detection limit on all constituents except DCE  
0.2 µg/L as reportable detection limit on DCE.

LAB:GCform:REV 2/3/88

H-810

OCWD LAB-21

12

JEREMOV / 1988

# OCWD GC ANALYSIS FOR VOLATILE ORGANICS

**3S/9W-21M3**

STATE WELL NUMBER

SAMPLE SITE INFORMATION:

**SANTE FE WELL NO.3  
YORBA LINDA**

DATE SAMPLED	4-26-90	4-26-90		
DATE ANALYZED	4-26-90	4-26-90		
SAMPLED BY	SD	SD		
EPA METHOD USED FOR ANALYSIS	601/602	601/602		
CONSTITUENTS (ug/L)		*		
Chloromethane	-	-		
Bromomethane	-	-		
Vinyl Chloride	-	-		
Chloroethane	-	-		
Methylene Chloride	-	-		
1,1 Dichloroethylene (DCE)	-	-		
1,1 Dichloroethane	-	-		
Chloroform	-	-		
Carbon Tetrachloride	-	-		
1,2-Dichloropropane	-	-		
Trichloroethylene (TCE)	-	-		
1,1,2- Trichloroethane	-	-		
Dibromochloromethane	-	-		
Tetrachloroethylene (PCE)	-	-		
Chlorobenzene	-	-		
1,2 Dichlorobenzene	-	-		
1,3 Dichlorobenzene	-	-		
1,4 Dichlorobenzene	-	-		
Trichlorofluoromethane	-	-		
t- 1,2- Dichloroethylene	-	-		
1,2 Dichloroethane	-	-		
1,1,1 Trichloroethane (TCA)	-	-		
Bromodichloromethane	-	-		
t- 1,3-Dichloropropene	-	-		
c- 1,3-Dichloropropene	-	-		
Benzene	-	-		
Bromoform	-	-		
1,1,2,2-Tetrachloroethane	-	-		
Toluene	-	-		
Ethylbenzene	-	-		
FREON 113	-	-		
EC @ 25°C (umho/cm)	-	-		
TOC (mg/L)	-	-		

**FIELD REMARKS:** SD = Stacy Prekume  
4-26-90 sample obtained only from spigot 1' down stream from well

0.5 ug/L as reportable detection limit on all constituents listed on this page  
 TR - Trace constituent was seen but below reportable detection limit  
 N.D. - Not Detected  
 N.A. - Not Analyzed



OCWD GC ANALYSIS  
LABORATORY REMARKS

3S/9W-21M3

STATE WELL NUMBER

SAMPLE SITE INFORMATION:

SANTA FE

YORBA LINDA

WELL NO.3

ANALYST	DATE	COMMENTS
SF	4-26-90	601/602 — * Duplicate of same sampling



Other Sample Site Information:

OCWD GC ANALYSIS  
FOR VOLATILE ORGANICS

YORBA LINDA  
SANTA FE #3

Date Sampled	4-29-86	8-27-87	8-24-88	8-24-88			
Date Analyzed	4-29-86	8-28-87	8-15-88	8-29-88			
Sampled By	RS	SD	RS	RS			
Constituent (µg/l)				*			
Methylene Chloride	-	-	-	-			
1,1-Dichloroethylene (DCE)	-	-	-	-			
1,1-Dichloroethane	-	-	-	-			
Chloroform	-	-	-	-			
Carbon Tetrachloride	-	-	-	-			
1,2-Dichloropropane	-	-	-	-			
Trichloroethylene (TCE)	-	-	-	-			
1,1,2-Trichloroethane	-	-	-	-			
Dibromochloromethane	-	-	-	-			
Tetrachloroethylene (PCE)	-	-	-	-			
Chlorobenzene	-	-	-	-			
Vinyl Chloride	-	-	TRACE	-			
Trichlorofluoromethane	-	-	TRACE	-			
t-1,2-Dichloroethylene	-	-	-	-			
1,2-Dichloroethane	-	-	-	-			
1,1,1-Trichloroethane	-	-	-	-			
Bromodichloromethane	-	-	-	-			
t-1,3-Dichloropropene	-	-	-	-			
c-1,3-Dichloropropene	-	-	-	-			
Benzene	-	-	-	-			
Bromoform	-	-	-	-			
1,1,2,2-Tetrachloroethane	-	-	-	-			
Toluene	-	-	-	-			
Ethylbenzene	-	-	-	-			
EC @ 25° (µmho/cm)	1643	1510	1441	-			
TOC (mg/l)		1.1	1.0	-			
Remarks:	RS - RICK SAMUEL SD - STACY DRINKWINE *recheck of same sampling						
	SAMPLE OBTAINABLE ONLY FROM WELL						
	8-25-88 Unknown peak on PID at r.t. of 7.431. For TCE = HALL/PID : 17.504/17.442.						
	8-29-88 Unknown peak on PID at r.t. of 7.462. For TCE = HALL/PID : 17.521/17.458						

0.5 µg/L as reportable detection limit on all constituents except DCE.  
0.2 µg/L as reportable detection limit on DCE.

3519W-21M4

State Well Number

Other Sample Site Information:

YORBA LINDA

OCWD GC ANALYSIS  
FOR VOLATILE ORGANICS

SANTA FE #4

Date Sampled	4-29-86	8-27-87					
Date Analyzed	4-29-86	8-28-87					
Sampled By	RS	SD					
Constituent (µg/l)							
Methylene Chloride	-	-					
1,1-Dichloroethylene (DCE)	-	-					
1,1-Dichloroethane	-	-					
Chloroform	-	-					
Carbon Tetrachloride	-	-					
1,2-Dichloropropane	-	-					
Trichloroethylene (TCE)	-	-					
1,1,2-Trichloroethane	-	-					
Dibromochloromethane	-	-					
Tetrachloroethylene (PCE)	-	-					
Chlorobenzene	-	-					
Trichlorofluoromethane	-	-					
t-1,2-Dichloroethylene	-	-					
1,2-Dichloroethane	-	-					
1,1,1-Trichloroethane	-	-					
Bromodichloromethane	-	-					
t-1,3-Dichloropropene	-	-					
c-1,3-Dichloropropene	-	-					
Benzene	-	-					
Bromoform	-	-					
1,1,2,2-Tetrachloroethane	-	-					
Toluene	-	-					
Ethylbenzene	-	-					
EC @ 25° (µmho/cm)	1369	1683					
TOC (mg/l)		1.6					
Remarks: RS-RICK SAMUEL SD-STACY DRINKWINE SAMPLE OBTAINABLE ONLY FROM WELL							

0.5 µg/L as reportable detection limit on all constituents except DCE.  
0.2 µg/L as reportable detection limit on DCE.

LAB:GCform:REV 2/3/86

35/9W-30P1  
State Well Number

Other Sample Site Information:

OCWD GC ANALYSIS  
FOR VOLATILE ORGANICS

ALTA VISTA GOLF  
COURSE  
PLACENTIA

Date Sampled	4-29-86	9-29-87	9-29-87	9-2-88	9-2-88		
Date Analyzed	4-29-86	9-30-87	9-30-87	9-6-88	9-6-88		
Sampled By	RS	RS	RS	RS	RS		
Constituent (µg/l)			*		*		
Methylene Chloride	-	-	-	-	-		
1,1-Dichloroethylene (DCE)	-	-	-	-	-		
1,1-Dichloroethane	-	-	-	-	-		
Chloroform	-	-	-	-	-		
Carbon Tetrachloride	-	-	-	-	-		
1,2-Dichloropropane	-	-	-	-	-		
Trichloroethylene (TCE)	-	-	-	-	-		
1,1,2-Trichloroethane	-	-	-	-	-		
Dibromochloromethane	-	-	-	-	-		
Tetrachloroethylene (PCE)	-	-	-	-	-		
Chlorobenzene	-	-	-	-	-		
Trichlorofluoromethane	-	-	-	-	-		
t-1,2-Dichloroethylene	-	-	-	-	-		
1,2-Dichloroethane	-	-	-	-	-		
1,1,1-Trichloroethane	-	-	-	-	-		
Bromodichloromethane	-	-	-	-	-		
t-1,3-Dichloropropene	-	-	-	-	-		
c-1,3-Dichloropropene	-	-	-	-	-		
Benzene	-	-	-	-	-		
Bromoform	-	-	-	-	-		
1,1,2,2-Tetrachloroethane	-	-	-	-	-		
Toluene	-	-	-	-	-		
Ethylbenzene	-	-	-	-	-		
EC @ 25° (µmho/cm)	986	998	-	934	-		
TOC (mg/l)		1.1		0.8	-		
Remarks: RS-RICK SAMUEL * recheck of same sampling							

0.5 µg/L as reportable detection limit on all constituents except DCE.  
0.2 µg/L as reportable detection limit on DCE.

EPIFRET 11000 / 1000

WATER ANALYSIS DATA--OCWD

Date Collected/Hour 04/26/90 1315 Sample location  
 Date Received/Hour 04/26/90 and description:  
 EC @25°C (µmho/cm) 940  
 TDS (mg/L) 534 SANTA FE  
 pH/Temperature (°C) 7.7 WELL #1

CONSTITUENTS	mg/L(ppm)	µg/L(ppb)	YORBA LINDA 3S/09W-21M2	meq/L
Na+	175			(7.612)
K+	2.7			(0.069)
Mg <sup>+2</sup>	16		Sampled by:	(1.317)
Ca <sup>+2</sup>	31			(1.547)
Fe >SMCL		1700	STACY DRINKWINE	(0.091)
Mn >SMCL		82		(0.006)
Ag		<0.1		
Al		51	Report to:	(0.006)
As		<5.0		
Ba		50	STACY DRINKWINE	(0.001)
Cd		<0.1		
Cr		24		(0.001)
Cu		<1.0	Prepared by:	
Hg		<0.5		
Pb		<1.0	L. LAGOS	
Se		<5.0		
Zn		850	Reviewed by:	(0.026)
NH3-N			<i>Jeremy Davis</i>	
Org-N				
TKN				
Total Cations, meq/L				Remarks:
OH- as CaCO3	<1.0			
CO3 <sup>-2</sup> as CaCO3	<1.0			
HCO3- as CaCO3	343			(6.855)
Tot. Alk. as CaCO3	343			(6.355)
Hardness as CaCO3	143 (calc.)			
Carbonate Hardness	143			
Non-Carbonate Hrd.				
F-				
Cl-	67			(1.390)
NO2--N				
Br-				
NO3--N	<0.1		NO3=<0.4	
PO4-3-P				
SO4 <sup>-2</sup>	83			(1.728)
S <sup>-2</sup>				
B				
SiO2				
Total Anions, meq/L				(10.473)
EC x 0.01				(9.40)
% Difference, Cations - Anions				+ -1.92%
COD			Hardness as CaCO3	
TOC	0.7		(titration):	
MBAS (Surfactants)				
Suspended Solids				
Set. Solids (mL/L)				
Turbidity (NTU)				
Color (Clr. Units)	6			
Odor(TON)				

WATER ANALYSIS DATA--OCWD

Date Collected/Hour	04/26/90 1300	Sample location
Date Received/Hour	04/26/90	and description:
EC @25°C (µmho/cm)	989	
TDS (mg/L)	576	SANTA FE
pH/Temperature (°C)	7.6	WELL #2

CONSTITUENTS	mg/L(ppm)	µg/L(ppb)	YORBA LINDA 3S/09W-21M1	meq/L
Na+	169			(7.351)
K+	2.3			(0.059)
Mg <sup>+2</sup>	20		Sampled by:	(1.646)
Ca <sup>+2</sup>	38			(1.896)
Fe		240	STACY DRINKWINE	(0.013)
Mn	>SMCL	120		(0.009)
Ag		<0.1		
Al		14	Report to:	(0.002)
As		<5.0		
Ba		52	STACY DRINKWINE	(0.001)
Cd		<0.1		
Cr		1.5		(0.000)
Cu		<1.0	Prepared by:	
Hg		<0.5	L. LAGOS	
Pb		<1.0	Reviewed by:	
Se		<5.0	<i>Jeremy Davis</i>	
Zn		<50	Remarks:	(10.976)
NH3-N				
Org-N				
TKN				
Total Cations, meq/L				
OH- as CaCO3	<1.0			
CO3 <sup>-2</sup> as CaCO3	<1.0			
HCO3- as CaCO3	330			(6.595)
Tot. Alk. as CaCO3	330			(6.595)
Hardness as CaCO3	177 (calc.)			
Carbonate Hardness	177			
Non-Carbonate Hrd.				
F-				
Cl-	88			(2.482)
NO2--N				
Br-				
NO3--N	2.7		NO3= 12.9	(0.193)
PO4-3-P				
SO4 <sup>-2</sup>	85			(1.770)
S <sup>-2</sup>				
B				
SiO2				
Total Anions, meq/L				(11.040)
EC x 0.01				(9.89)
% Difference, Cations - Anions				-0.58%
COD			Hardness as CaCO3	
TOC	0.8		(titration):	
MBAS (Surfactants)				
Suspended Solids				
Set. Solids (mL/L)				
Turbidity (NTU)				
Color (Clr. Units)	18	>SMCL		
Odor(TON)				

WATER ANALYSIS DATA--OCWD

Date Collected/Hour	04/26/90 1325	Sample location
Date Received/Hour	04/26/90	and description:
EC @25°C (µmho/cm)	1490	
TDS (mg/L)	966	SANTA FE
pH/Temperature (°C)	7.4	WELL #3

CONSTITUENTS	mg/L(ppm)	µg/L(ppb)	YORBA LINDA 3S/09W-21M3	meq/L
Na+	76			(3.306)
K+	1.4			(0.036)
Mg <sup>2+</sup>	38		Sampled by:	(3.128)
Ca <sup>2+</sup>	180			(8.982)
Fe >SMCL		4800	STACY DRINKWINE	(0.258)
Mn		12		(0.001)
Ag		<0.1		
Al		24	Report to:	(0.003)
As		<5.0		
Ba		130	STACY DRINKWINE	(0.002)
Cd		<0.1		
Cr		10		(0.001)
Cu		<1.0	Prepared by:	
Hg		<0.5		
Pb		<1.0	L. LAGOS	
Se		<5.0		
Zn		520	Reviewed by:	(0.016)
NH3-N			<i>Jeremy Davis</i>	
Org-N			Remarks:	(15.731)
TKN				
Total Cations, meq/L				
OH- as CaCO3	<1.0			
CO3 <sup>-2</sup> as CaCO3	<1.0			
HCO3- as CaCO3	258			(5.156)
Tot. Alk. as CaCO3	258			(5.156)
Hardness as CaCO3	606 (calc.)			
Carbonate Hardness	258			
Non-Carbonate Hrd.	348			
F-				
Cl-	202			(5.698)
NO2--N				
Br-				
NO3--N >MCL	19		NO3= <del>24.1</del>	(1.356)
PO4-3-P				
SO4 <sup>-2</sup>	172			(3.581)
S <sup>-2</sup>				
B				
SiO2				
Total Anions, meq/L				(15.791)
EC x 0.01				(14.90)
% Difference, Cations - Anions				-0.38%
COD			Hardness as CaCO3	
TOC	1.1		(titration):	
MBAS (Surfactants)				
Suspended Solids				
Set. Solids (mL/L)				
Turbidity (NTU)				
Color (Clr. Units)	4			
Odor(TON)				

TABLE WELL 111111 DEPTH 311 FT. ALTITUDE OF LSD 335.2 FT. MEASURED BY USGS STARTING 1978. RECORDS AVAILABLE 1969 TO CURRENT YEAR.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

DATE	WATER LEVEL MS	DATE	WATER LEVEL MS	DATE	WATER LEVEL MS	DATE	WATER LEVEL MS
NOV 03, 1981	162.73 S	FEB 09, 1983	160.46 S	MAY 23, 1984	153.62 S	AUG 22, 1985	154.78 S
JAN 25, 1982	160.16 S	MAY 10, 1983	156.60 S	SEP 07, 1984	155.23 S	NOV 04, 1985	154.34 S
APR 28, 1982	158.87 S	AUG 24, 1983	157.35 S	NOV 02, 1984	154.83 S	FEB 11, 1986	154.80 S
JUL 28, 1982	159.14 S	NOV 04, 1983	157.22 S	FEB 13, 1985	153.45 S	MAY 05, 1986	154.40 S
NOV 03, 1982	160.30 S	FEB 21, 1984	153.99 S	MAY 07, 1985	152.91 S	SEPT 04, 1986	154.70 S

HIGHEST 148.20 APR 27, 1970      LOWEST 182.90 NOV 01, 1977

LOCAL NUMBER 0035009W21M05S

SITE NUMBER 335339117500701

ABOUT 0.4 MI NORTH OF YORBA LINDA BLVD AND 500 FT EAST OF PROSPECT AVE IN YORBA LINDA. DOMESTIC WATER-TABLE WELL. DIAM 6 IN, DEPTH 300 FT, PERFORATED 117-137 FT. ALTITUDE OF LSD 356 FT. MEASURED BY USGS STARTING AUGUST 1978. RECORDS AVAILABLE 1974 TO CURRENT YEAR.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

DATE	WATER LEVEL MS	DATE	WATER LEVEL MS	DATE	WATER LEVEL MS	DATE	WATER LEVEL MS
OCT 24, 1974	72.70	AUG 01, 1979	69.98 S	APR 28, 1982	66.88 S	NOV 02, 1984	66.00 S
JAN 06, 1975	70.80	NOV 13, 1979	<del>69.00</del> P	JUL 28, 1982	67.04 S	FEB 13, 1985	65.94 S
APR 28, 1975	72.30	FEB 06, 1980	69.49 S	NOV 03, 1982	67.24 S	MAY 07, 1985	66.15 S
OCT 28, 1975	70.80	JUN 11, 1980	68.90 SR	FEB 09, 1983	67.09 S	AUG 22, 1985	66.56 S
MAR 10, 1976	73.80	AUG 25, 1980	69.13 S	MAY 10, 1983	65.99 S	NOV 04, 1985	66.62 S
MAY 27, 1976	64.10	OCT 29, 1980	67.18 S	AUG 24, 1983	65.50 S	FEB 11, 1986	67.05 S
OCT 27, 1976	74.30	FEB 04, 1981	66.79 S	NOV 04, 1983	65.43 S	MAY 05, 1986	66.56 S
MAR 10, 1977	74.67	MAY 07, 1981	66.75 S	FEB 21, 1984	65.19 S	SEP 04, 1986	66.36 S
AUG 29, 1978	72.40	NOV 03, 1981	67.73 S	MAY 23, 1984	65.40 S	OCT 31, 1986	66.30 S
APR 30, 1979	70.31	JAN 25, 1982	67.27 S	SEP 07, 1984	65.78 S	FEB 19, 1987	68.80 S

HIGHEST ~~64.10~~ May 27, 1976      LOWEST 74.67 MAR 10, 1977

Property 10  
 OCT 31, 1989 162.40  
 FEB 1991 167.60

MAY 11, 1987 69.80 S  
 AUG 06, 1987 75.10 S  
 OCT 31, 1989 67.9

**ORANGE COUNTY WATER DISTRICT  
WATER LEVEL INFORMATION**

Station ID 433 Station Name W-432 SWN 35/9W-21M05  
 Monitoring Program ID 40 Name: Key Well  
 RP Elevation (Feet MSL) 368'  
 RP Description \_\_\_\_\_

Sampling Method ID	1	Name	Elect
Date	05/04/92	Time	12:30
RP to WL	72.4		
WL Elevation			
WL Units ID	2	Name	Feet
WL Status ID	2	Name	Static
Notes:			

Depth Held	
Depth Cut	
RP to GS	
Measured By	<i>LM</i>
Entered By	<i>LM</i>
Entered Date	5/20/92
Checked By	<i>LM</i>
Checked Date	6/11/92

Sampling Method ID	1	Name	2/c
Date	06/01/92	Time	15:15
RP to WL	72.3		
WL Elevation			
WL Units ID	2	Name	Feet
WL Status ID	2	Name	Static
Notes:			

Depth Held	
Depth Cut	
RP to GS	
Measured By	<i>LM</i>
Entered By	
Entered Date	/ /
Checked By	
Checked Date	/ /

Sampling Method ID		Name	
Date	/ /	Time	:
RP to WL			
WL Elevation			
WL Units ID		Name	
WL Status ID		Name	
Notes:			

Depth Held	
Depth Cut	
RP to GS	
Measured By	
Entered By	
Entered Date	/ /
Checked By	
Checked Date	/ /

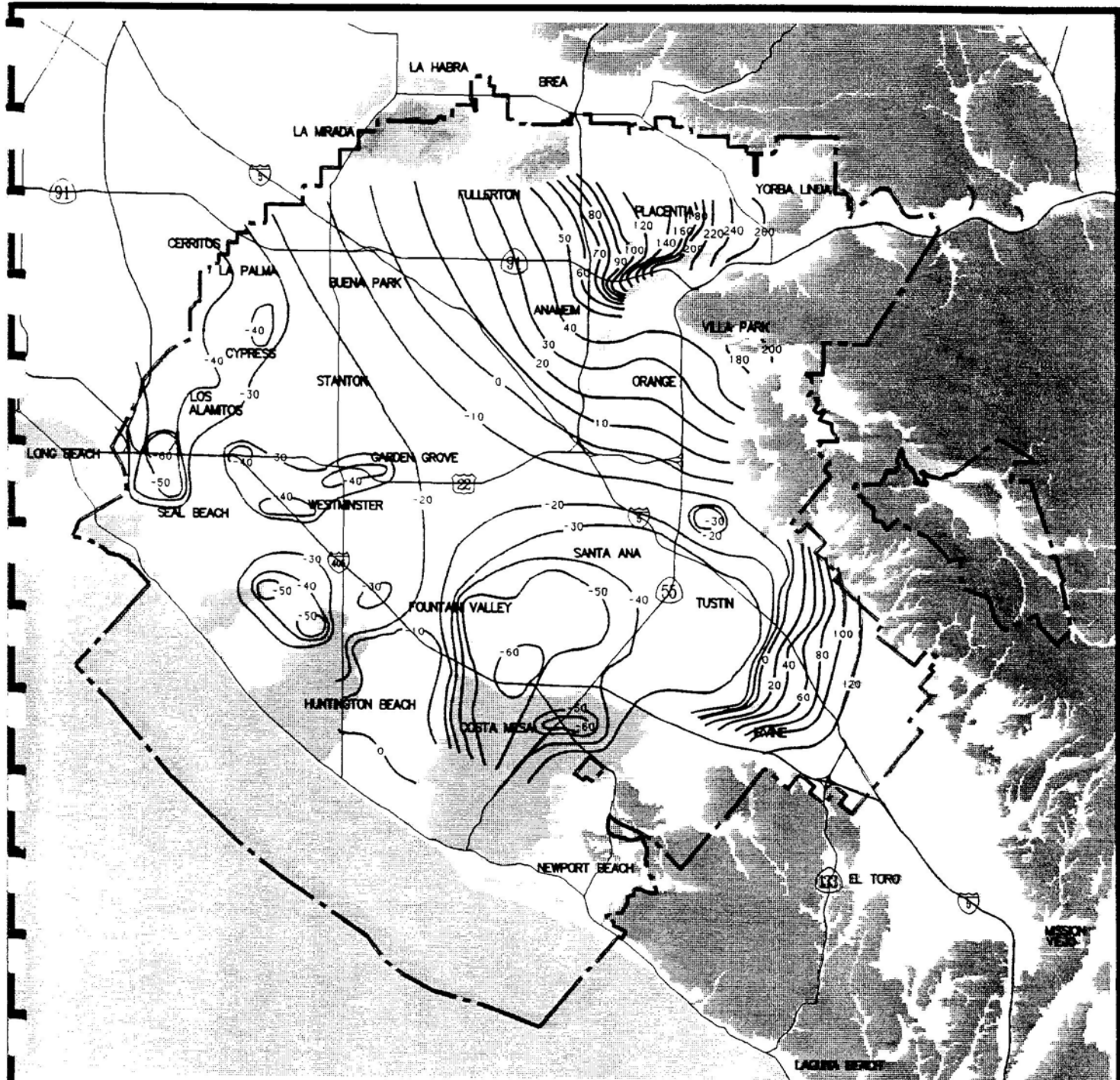
Sampling Method ID		Name	
Date	/ /	Time	:
RP to WL			
WL Elevation			
WL Units ID		Name	
WL Status ID		Name	
Notes:			

Depth Held	
Depth Cut	
RP to GS	
Measured By	
Entered By	
Entered Date	/ /
Checked By	
Checked Date	/ /





Sampling Method ID		Name	
Date	/ /	Time	:
RP to WL			
WL Elevation			
WL Units ID		Name	
WL Status ID		Name	
Notes:			

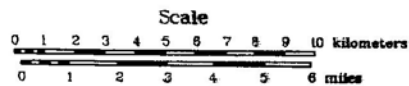
Depth Held	
Depth Cut	
RP to GS	
Measured By	
Entered By	
Entered Date	/ /
Checked By	
Checked Date	/ /





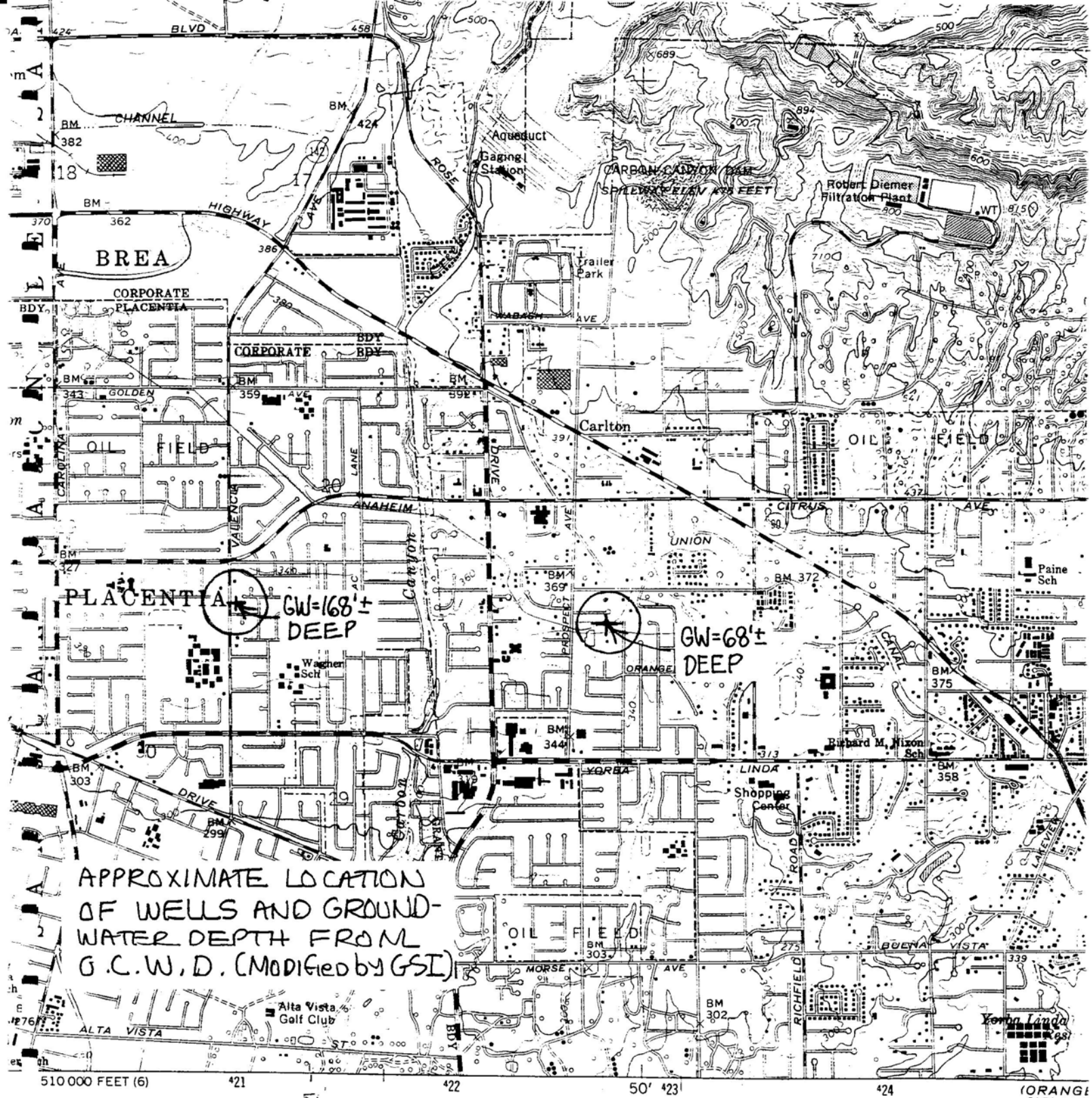
EXPLANATION

-  GROUNDWATER ELEVATION CONTOURS  
IN FEET ABOVE MEAN SEA LEVEL
-  OCWD BOUNDARY
-  IMPERMEABLE FORMATIONS
-  MESAS



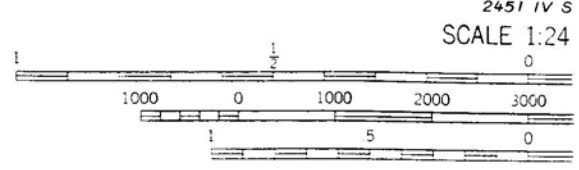
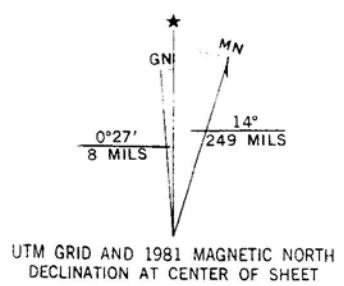
November 1991  
Groundwater Contour Map





APPROXIMATE LOCATION  
OF WELLS AND GROUND-  
WATER DEPTH FROM  
G.C.W.D. (Modified by GSI)

ublished by the Geological Survey  
L Angeles County, and Orange County  
ic methods from aerial  
la checked 1964  
0-foot grid ticks based on  
20 6, 7 and 5  
rs Mercator grid ticks,  
27 North American Datum  
th American Datum 1983  
eter north and 84 meters  
er ticks  
ic: only landmark buildings are shown  
blue pattern is  
on  
ne shown because of insufficient data  
y private surveys  
s sected fence and field lines where  
topographs. This information is unchecked



CONTOUR INTERVAL  
DOTTED LINES REPRESENT  
NATIONAL GEODETIC VERTICA

THIS MAP COMPLIES WITH NATIONAL  
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, CO  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND

H-823



AREA	SITE	REGULATORY AGENCY LIST
①	SHELL WESTERN & P PROPERTY 2701 VALENCIA AVENUE	RWQCB UGT LIST
②	BECKMAN INSTRUMENTS, INC. 3000 BIRCH STREET	RWQCB UGT LIST, AND CORTESE LIST
③	SOUTHERN CALIFORNIA GAS COMPANY 2181 EAST BIRCH STREET	RWQCB UGT LIST
④	TEXACO SERVICE STATION 3000 EAST IMPERIAL HIGHWAY	RWQCB UGT LIST, AND CORTESE LIST
⑤	BREA CHEMICALS, INC. NORTHWEST OF KRAEMER BOULEVARD AND IMPERIAL HIGHWAY	ONS ASPIS LIST
⑥	UNION CHEMICALS DIVISION 2001 EAST IMPERIAL HIGHWAY	DHS ASPIS LIST
⑦	CYNAMID DISTRIBUTION CENTER 2680 ENTERPRISE	DHS ASPIS LIST
⑧	INDUSTRIAL PARK NO. 1 IMPERIAL HIGHWAY AND VALENCIA AVENUE	ONS ASPIS LIST
⑨	ORANGE COUNTY CLINDA LANDFILL	RWQCB SWAT LIST
⑩	ORANGE COUNTY CLINDA ALPHA LANDFILL	RWQCB SWAT LIST

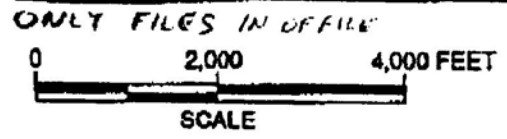


FIGURE 5.1

**FACILITIES WITH KNOWN  
CONTAMINATION  
FORMER UNOCAL PROPERTY  
SATURN BUSINESS PARK  
BREA, CALIFORNIA**

REFERENCE: 7.5 MINUTE U.S.G.S. TOPOGRAPHIC MAP OF YORBA LINDA, CALIFORNIA DATED 1964 AND PHOTOREVISED 1981.

ENVIRONMENTAL SOLUTIONS, INC.



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SANTA ANA REGION  
110 IOWA AVENUE, SUITE 100  
RIVERSIDE, CA 92507-2409  
PHONE: (714) 782-4130



TELECOPY TRANSMITTAL MEMO

DATE: July 17, 1992  
TO: H.D. "SKIP" POUNCEY  
FROM: DENNIS MERKLIN  
SECTION: GROUNDWATER INVESTIGATION  
TELECOPIER NUMBER: (714) ~~782~~-647-0745  
SUBJECT: ACTIVE SITE UNDER INVESTIGATION  
NEAR YOUR SITE BEING INVESTIGATED

NUMBER OF PAGES, INCLUDING TRANSMITTAL MEMO: 2

COMMENTS: As I said, the other agencies may have  
files on these projects. The only ones  
we have files on are the 2 Landfills (#'s  
9 & 10 on list plus this Saturn Bus Park Project  
from which this page came from. KAMRON  
SAREMI is the project staff person. Hope this helps.

If there are any problems receiving this telecopy, or if all pages are not received, please contact the sender at (714) 782-4130.

APPENDIX E  
MAP AND AERIAL PHOTO REFERENCE  
AND SUMMARY  
3 Pages

**APPENDIX E**

**MAP AND AERIAL PHOTO REFERENCE AND SUMMARY**

**Whittier College, Fairchild Collection**

<u>Date</u>	<u>Map/Photo I.D., Summary</u>	<u>Scale</u>
08/1927	C - 113, 857-858 -- Oil field operations in progress, main "oil sump" reservoir present filling entire canyon, 2 AG tanks on central ridge top, very similar to 1938	1" = 1500'+
06-23-28	C - 237, F-25, F-26 -- Similar	1" = 800' ±
04-14-33	C - 2580 22,23 -- Similar	1" = 1200'+
10-24-34	C - 3115 95,96,97 -- Similar	1" = 600' ±
08-16-36	C - 4131 48, 49 -- Similar	1" = 1600'+
10/1939	C - 5925 126, 127 or 134, 135 -- Similar	1" = 2000'+

**Orange County Archives, Santa Ana, California**

07-11-38	<b>Agricultural Adjustment Administration AXK 65-70</b> -- Main oil sump reservoir in swale area filled w/ oil, 3 additional sumps upcanyon and 1 sump in triangle area -- Unnamed sump on 500 ft ridge, 2 sumps to north offsite -- 2 AG tanks in swale area -- 2 AG tanks north of Carbon Canyon Rd, 2 south of Carbon Canyon Road -- Oil field production and access road minor Ranch (?) with trees, buildings, possible A.G. tanks @ NE & SE corner of Brea-Olinda and Valencia -- Many AG Tanks in surrounding areas, especially to north of Brea Olinda Blvd. -- Surrounding oil operations to the north and west especially north of Brea-Olinda Blvd., primarily agriculture to the south -- Carbon Canyon drainage natural -- Industrial (?) / Agricultural complex along east property line in Carbon Canyon -- Grading of Brea-Olinda Landfill in Progress	1" = 600' ±
1949	<b>USGS 7½ Minute Yorba Linda Quadrangle</b> -- Main "Oil sump" indicated -- 2 AG tanks on central ridgetop, south of Carbon Canyon Road -- Minor access roads and oil field production, 12± wells north of Carbon Canyon Road, 26± wells to the south of Carbon Canyon Road -- Carbon Canyon drainage natural	1" = 2000'+

Orange County Archives, Santa Ana, California, Continued

Date	Map/Photo I.D., Summary	Scale
07-15-55	<b>Fairchild Aerial Surveys</b> <b>Flight 21960 frame, 4-150</b> -- Main oil sump reservoir in swale and triangle areas contain dark tailings -- Oil sump on 500 ridge looks dry -- Only 1 AG tank in swale area is visible -- 2 AG tanks on central ridgetop, still present -- 2 AG tanks north of Carbon Canyon Road still present -- Minor access roads and oil field production, similar to 1938/49 -- Ranch (?) @ Brea-Olinda and Valencia, NE & SE corner still present -- Grading on northeast ridgetop offsite initiated -- Carbon Canyon drainage natural; no dam -- Industrial (?) / agricultural complex along east property line in Carbon Canyon, gone -- Industrial complex emerges south of property between Rose and Valencia alignment	1" = 550'±
3-25-59	<b>Aerial Mapping Company, Flight 261,</b> <b>3-16-133 &amp; 3-16-135</b> -- Main oil sump reservoir and triangle, contain lighter color tailings, becoming progressively masked over -- Major pipeline easement recently constructed; cuts off south end of oil sump reservoir -- 2 AG tanks in swale area, still present -- 2 AG tanks on central ridgetop, still present -- 2 AG tanks north of Carbon Canyon Road, still present -- Oil field access roads, exploration and production, increased progress -- Ranch (?) @ Brea-Olinda and Valencia, NE & SE corner still present. -- Grading on northeast ridgetop offsite, in progress -- Carbon Canyon Drainage Natural, no dam	1" = 500'±
1964	<b>Orange County Archives (3 SE)</b> -- Oil sumps in reservoir and triangle becoming progressively more masked over -- Rose Drive constructed, cuts through head of main oil sump reservoir, Ranch (?) is gone. -- 2 AG tanks in swale area, still present -- 2 AG tanks on central ridgetop, still present -- 2 AG tanks north of Carbon Canyon Road, still present -- Oil field access roads, exploration and production in progress -- Agricultural use of southern portion, east of Rose Drive initiated w/ row crops -- Carbon Canyon Dam under construction, park site	1" = 400'±

Orange County Archives, Santa Ana, California, Continued

<u>Date</u>	<u>Map/Photo I.D., Summary</u>	<u>Scale</u>
7-22-70	<b>E.L. Pearson &amp; Associates, Flight 3-11 &amp; 3-13</b> -- All oil sump areas are barely visible, becoming overgrown with vegetation -- 2 AG tanks in swale area, still present -- 1 AG tank on central ridgetop, now present -- 4 AG tanks north of Carbon Canyon Road -- Currently existing AG tank farm area first appears -- Increased oil field production and access roads -- Ranch (?) is gone, AG structures, tanks (?) still present SE corner of Valencia and Rose Drive -- Southern portion, east of Rose w/ orchards	1" = 500'±
March 1975	<b>Redi Zoning and Aerial Index Map Orange County</b> -- Sump areas barely visible; over-grown w/ vegetation -- No AG tanks on central ridgetop -- Valencia Ave. realignment near completion -- Park grading and construction in progress	1" = 800'±
May 1977	<b>Redi Zoning and Aerial Index Map of Orange County, Page 3</b> -- Sump areas no longer visible, completely masked or overgrown with vegetation -- No AG tanks in swale area -- Orchards and Oil Production Fields Similar to today, with the exception of central portion at Brea Olinda Blvd. less developed -- Valencia Ave realignment completed	1" = 800'±
1988	<b>Thomas Brothers - Aerial Atlas Orange County (Pg. 3 &amp; 7)</b> -- Nursery SW of Rose (present since 1975 ±) expanded 1988 - present, further masking oil reservoir -- Oil Production Field, Orchards and surrounding land use similar today, Carbon Canyon Dam, Brea - Olinda Landfill, etc. -- Houses to south, orchards-nurseries & oilfield operations to west and north w/ AG tanks, park along east	1" = 800'±

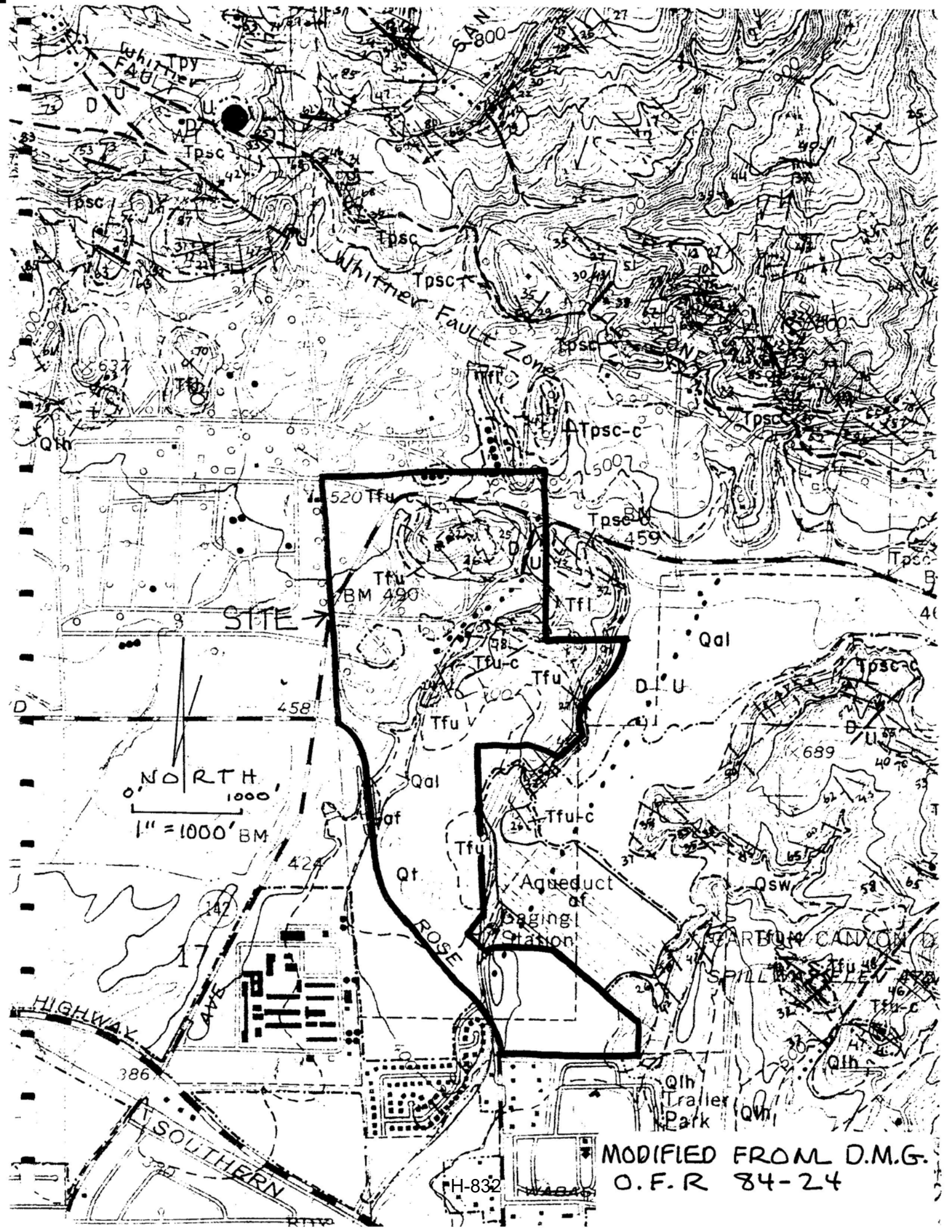


**APPENDIX F**

**MISCELLANEOUS MAP FILES**

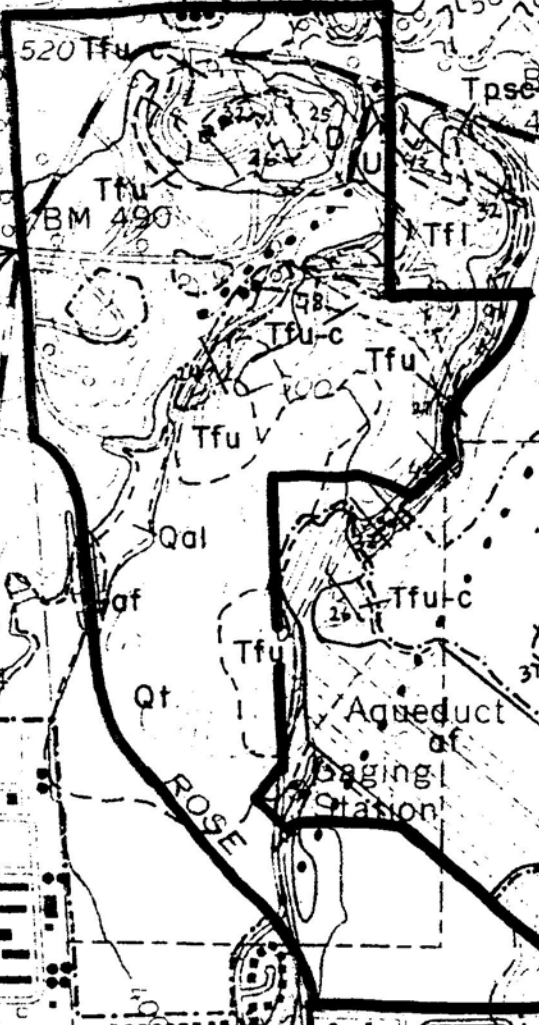
**DOG AND DMG, 2 PAGES**





NORTH  
1000'  
1" = 1000' BM

SITE →



MODIFIED FROM D.M.G.  
O.F.R. 84-24

PH-832







**APPENDIX E**  
**THE EDR AERIAL PHOTO DECADE PACKAGE**





265-Acre Brea Property

Valencia Avenue

Brea, CA 92823

Inquiry Number: 4848184.9

February 10, 2017

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

02/10/17

**Site Name:**

265-Acre Brea Property  
Valencia Avenue  
Brea, CA 92823  
EDR Inquiry # 4848184.9

**Client Name:**

Northgate Env. Management Inc.  
428 13th Street 4th floor  
Oakland, CA 94612-0000  
Contact: Nancy Leitner



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

**Search Results:**

<b>Year</b>	<b>Scale</b>	<b>Details</b>	<b>Source</b>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1995	1"=500'	Acquisition Date: October 03, 1995	USGS/DOQQ
1989	1"=1000'	Flight Date: January 01, 1989	USDA
1977	1"=1000'	Flight Date: January 01, 1977	Brewster Pacific
1972	1"=1000'	Flight Date: January 01, 1972	USGS
1963	1"=1000'	Flight Date: January 01, 1963	USGS
1952	1"=1000'	Flight Date: January 01, 1952	USDA
1946	1"=1000'	Flight Date: January 01, 1946	USGS
1938	1"=1000'	Flight Date: January 01, 1938	USDA

**When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.**

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INQUIRY #: 4848184.9

YEAR: 2012

— = 500'



H-837





INQUIRY #: 4848184.9

YEAR: 2012

— = 500'



H-838





INQUIRY #: 4848184.9

YEAR: 2012

— = 500'



H-839





INQUIRY # 4848184.9

YEAR: 2012

— = 500'



H-840





INQUIRY # 4848184.9

YEAR: 2010

— = 500'



H-841





INQUIRY # 4848184.9

YEAR: 2010

— = 500'



H-842





INQUIRY #: 4848184.9

YEAR: 2010

— = 500'



H-843





INQUIRY # 4848184.9

YEAR: 2010

— = 500'



H-844





INQUIRY #: 4848184.9

YEAR: 2009

— = 500'



H-845





INQUIRY #: 4848184.9

YEAR: 2009

— = 500'



H-846





INQUIRY #: 4848184.9

YEAR: 2009

— = 500'



H-847





INQUIRY #: 4848184.9

YEAR: 2009

— = 500'



H-848





INQUIRY #: 4848184.9

YEAR: 2005

— = 500'



H-849





INQUIRY #: 4848184.9

YEAR: 2005

— = 500'



H-850





INQUIRY #: 4848184.9

YEAR: 2005

— = 500'



H-851





INQUIRY #: 4848184.9

YEAR: 2005

— = 500'



H-852





INQUIRY #: 4848184.9

YEAR: 1995

— = 500'



H-853





INQUIRY #: 4848184.9

YEAR: 1995

— = 500'



H-854





INQUIRY #: 4848184.9

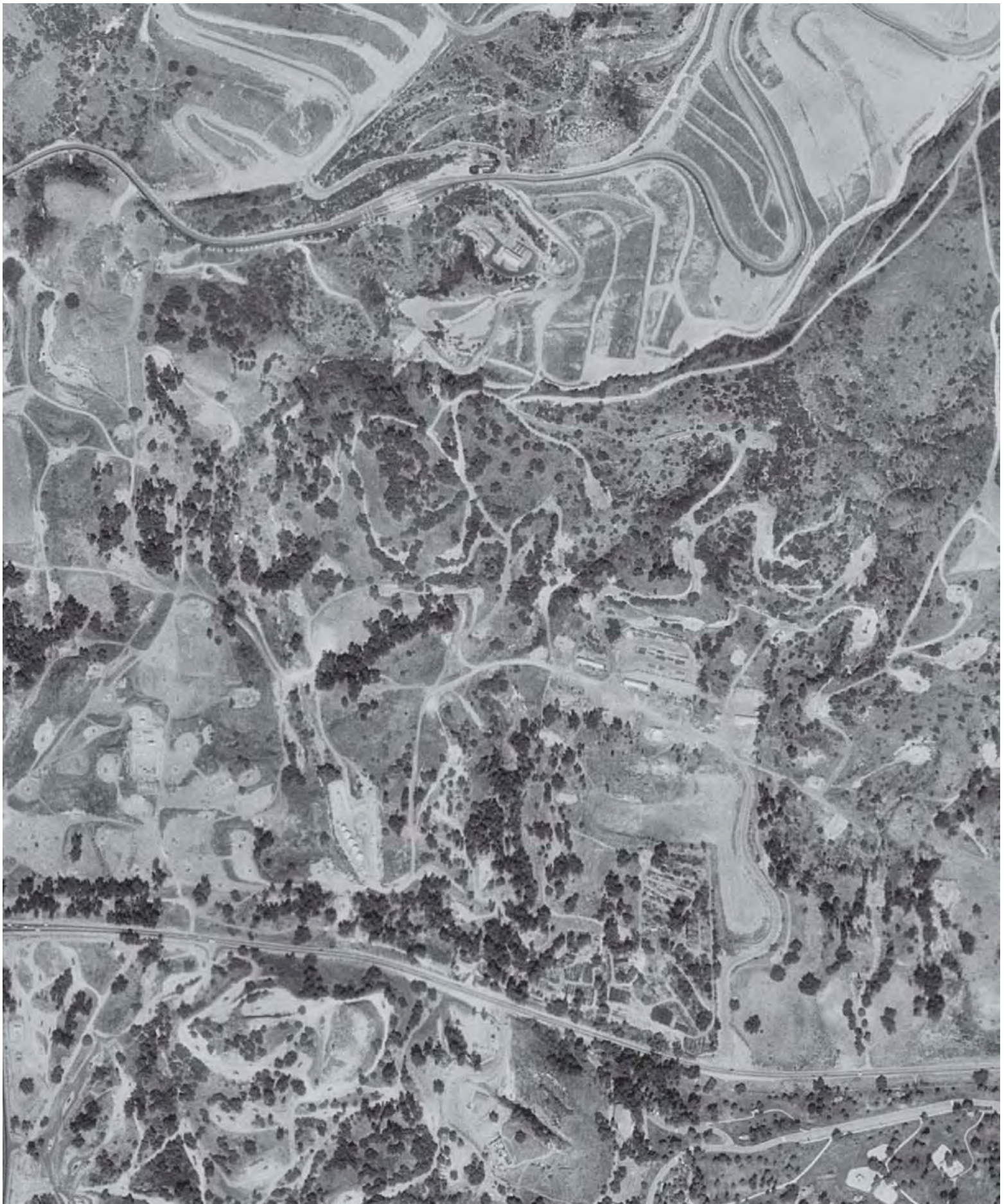
YEAR: 1995

— = 500'



H-855





INQUIRY # 4848184.9

YEAR: 1995

— = 500'



H-856





INQUIRY #: 4848184.9

YEAR: 1989

— = 1000'



H-857





INQUIRY #: 4848184.9

YEAR: 1977

— = 1000'



H-858





INQUIRY #: 4848184.9

YEAR: 1972

— = 1000'



H-859





INQUIRY #: 4848184.9

YEAR: 1963

— = 1000'



H-860





INQUIRY # 4848184.9

YEAR: 1952

1" = 1000'



H-861





INQUIRY #: 4848184.9

YEAR: 1946

— = 1000'



H-862





INQUIRY #: 4848184.9

YEAR: 1938

— = 1000'



H-863

**APPENDIX F**

**THE EDR HISTORICAL TOPOGRAPHIC MAP REPORT**



265-Acre Brea Property

Valencia Avenue

Brea, CA 92823

Inquiry Number: 4848184.4

February 07, 2017

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# EDR Historical Topo Map Report

02/07/17

**Site Name:**

265-Acre Brea Property  
Valencia Avenue  
Brea, CA 92823  
EDR Inquiry # 4848184.4

**Client Name:**

Northgate Env. Management Inc.  
428 13th Street 4th floor  
Oakland, CA 94612-0000  
Contact: Nancy Leitner



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Northgate Env. Management Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	33.922355 33° 55' 20" North
<b>Project:</b>	2077.01	<b>Longitude:</b>	-117.844415 -117° 50' 40" West
		<b>UTM Zone:</b>	Zone 11 North
		<b>UTM X Meters:</b>	421948.15
		<b>UTM Y Meters:</b>	3753867.90
		<b>Elevation:</b>	522.42' above sea level

**Maps Provided:**

2012	1928
1981	1925
1972	1902
1964	1901
1950	1898
1949	1896
1942	
1935	

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## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **2012 Source Sheets**



Yorba Linda

7.5-minute, 24000

### **1981 Source Sheets**

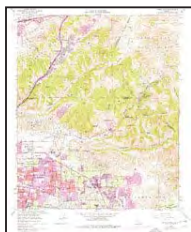


Yorba Linda

7.5-minute, 24000

Aerial Photo Revised 1979

### **1972 Source Sheets**

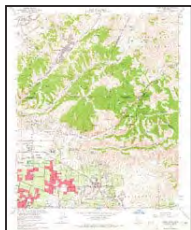


Yorba Linda

7.5-minute, 24000

Aerial Photo Revised 1972

### **1964 Source Sheets**



Yorba Linda

7.5-minute, 24000

Aerial Photo Revised 1963

## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1950 Source Sheets**



Yorba Linda

7.5-minute, 24000  
Aerial Photo Revised 1946

### **1949 Source Sheets**



Yorba Linda

7.5-minute, 24000  
Aerial Photo Revised 1946

### **1942 Source Sheets**



ANAHEIM

15-minute, 50000

### **1935 Source Sheets**



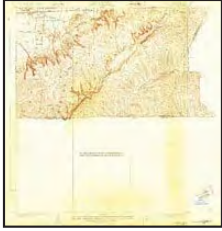
OLINDA

7.5-minute, 31680

## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1928 Source Sheets**



La Brea

7.5-minute, 24000

### **1925 Source Sheets**



La Brea

7.5-minute, 24000

### **1902 Source Sheets**



Corona

30-minute, 125000

### **1901 Source Sheets**



Anaheim

15-minute, 62500



## ***Topo Sheet Key***

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

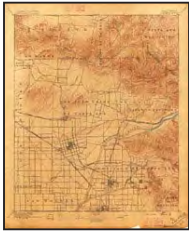
### **1898 Source Sheets**



Anaheim

15-minute, 62500

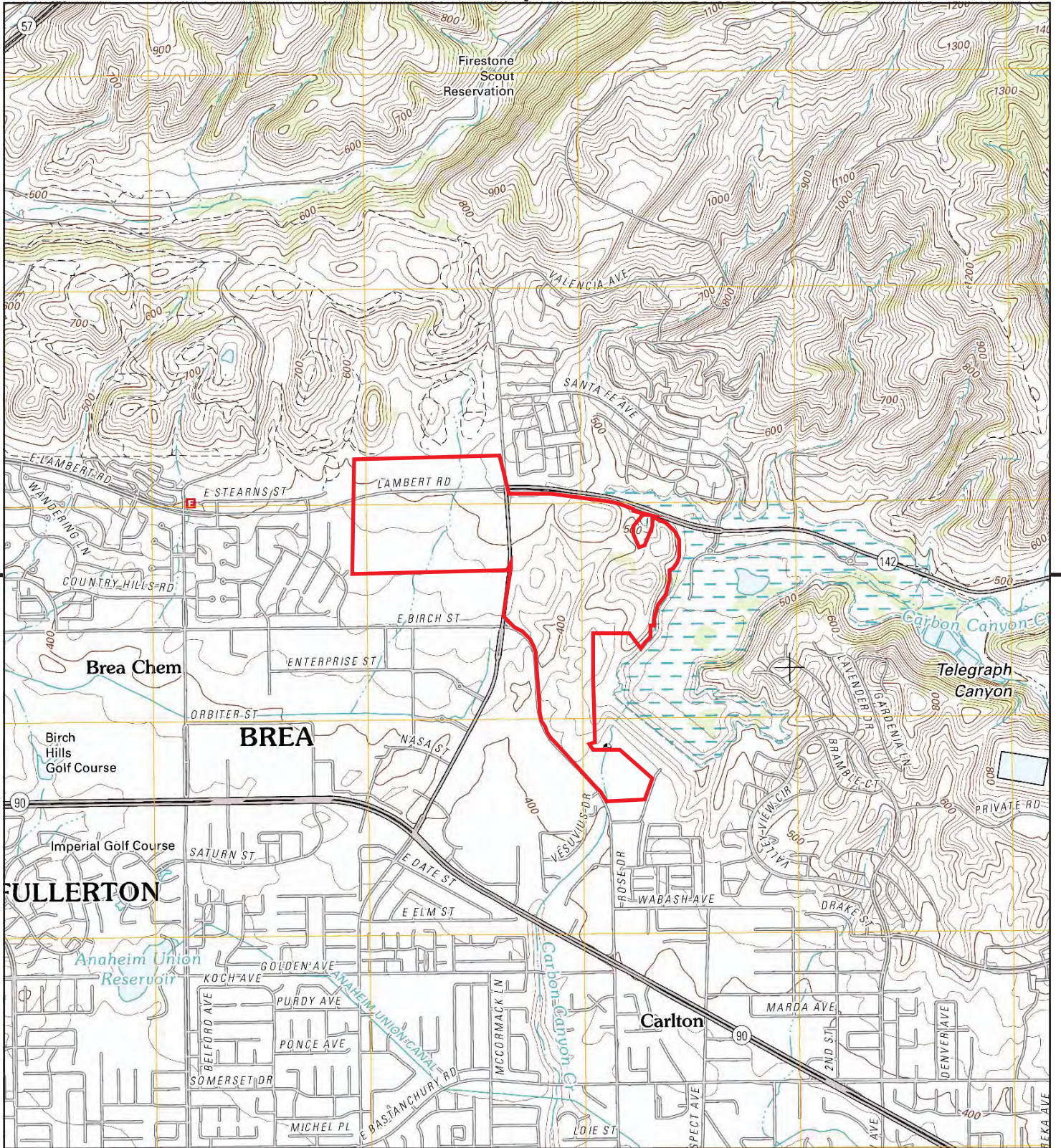
### **1896 Source Sheets**



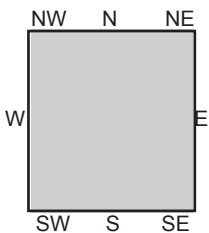
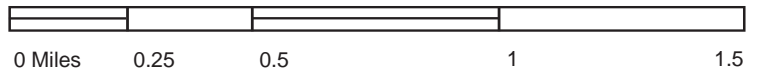
Anaheim

15-minute, 62500





This report includes information from the following map sheet(s).



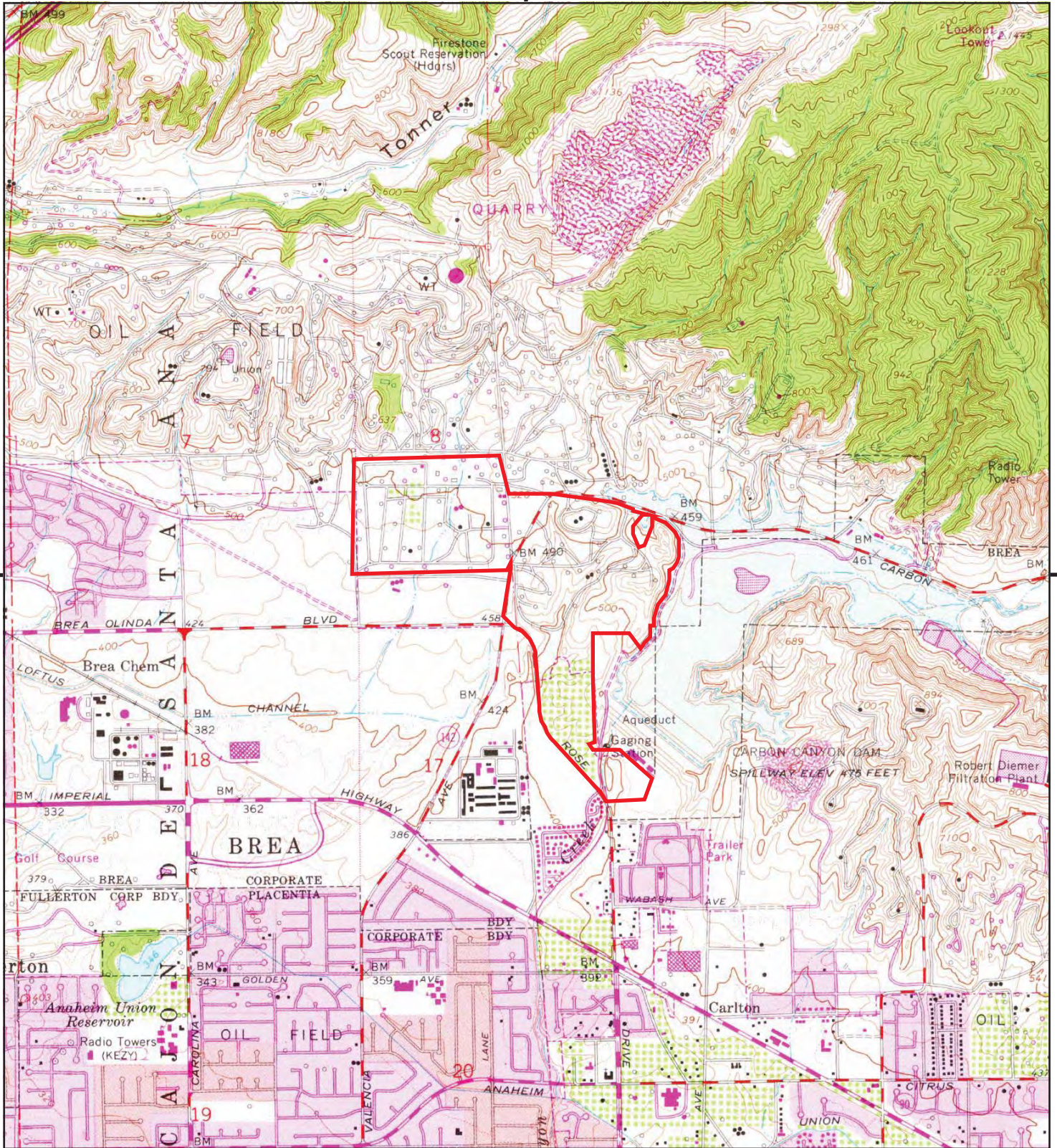
TP, Yorba Linda, 2012, 7.5-minute

SITE NAME: 265-Acre Brea Property  
 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.

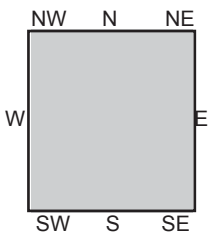
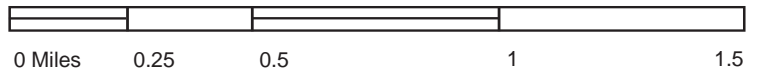
H-871







This report includes information from the following map sheet(s).

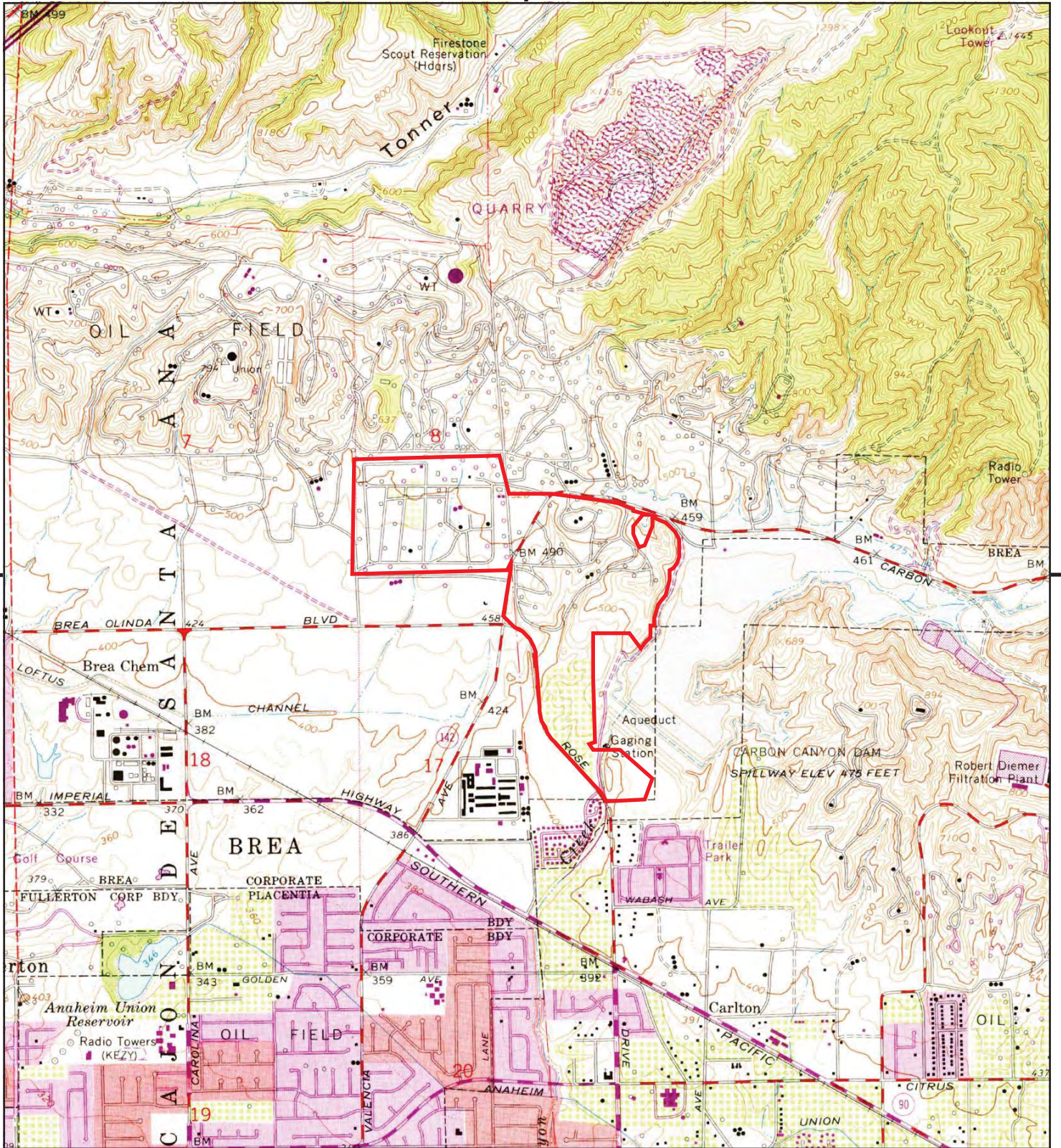


TP, Yorba Linda, 1981, 7.5-minute

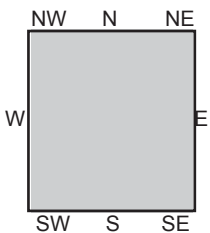
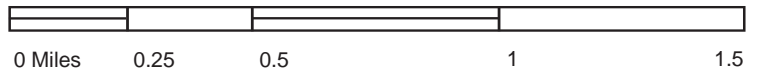
SITE NAME: 265-Acre Brea Property  
 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.

H-872





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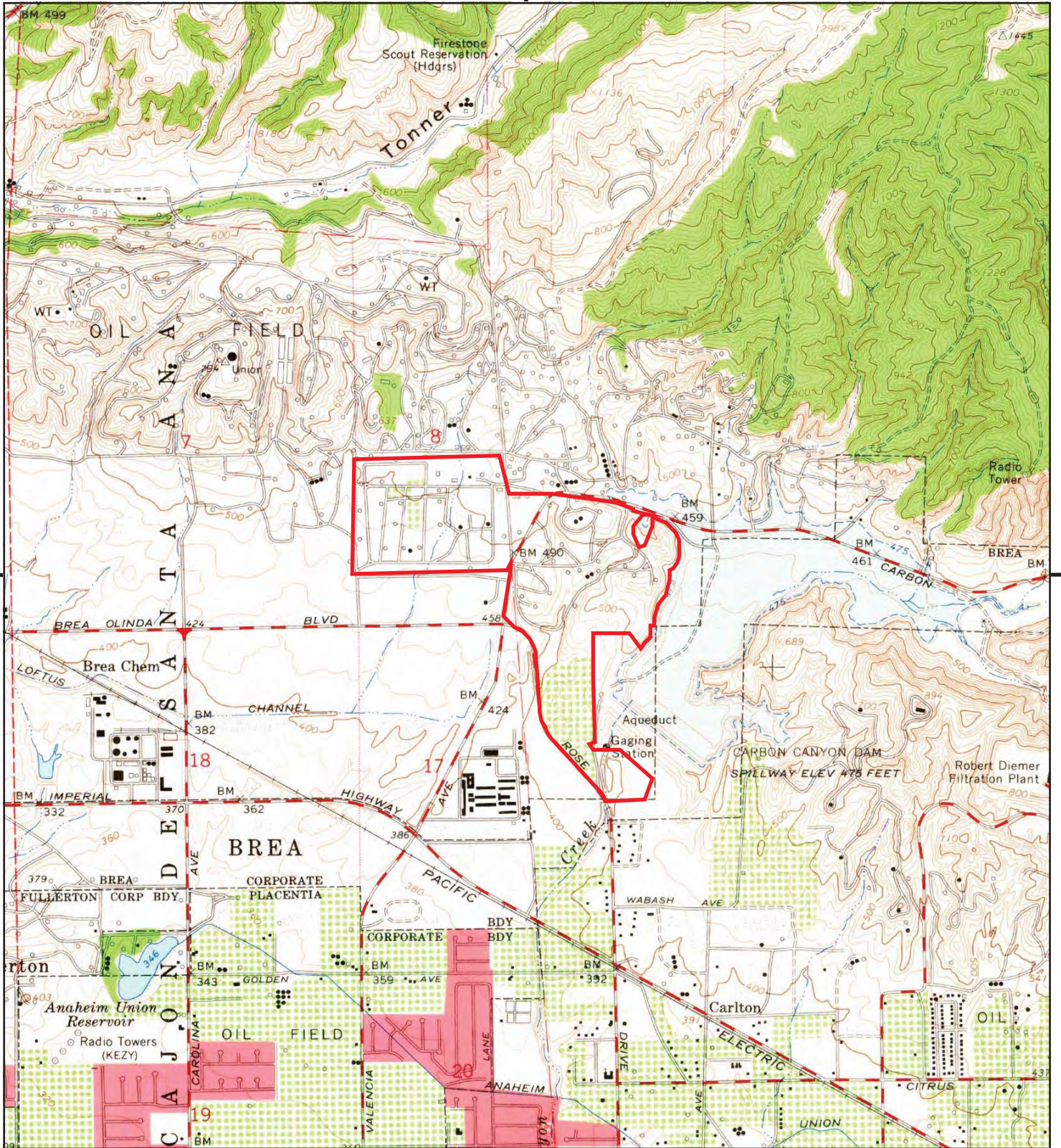


TP, Yorba Linda, 1972, 7.5-minute

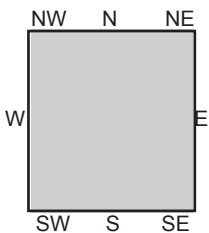
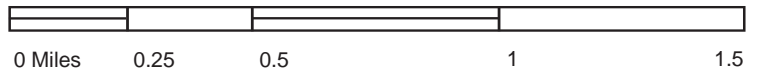
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 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.







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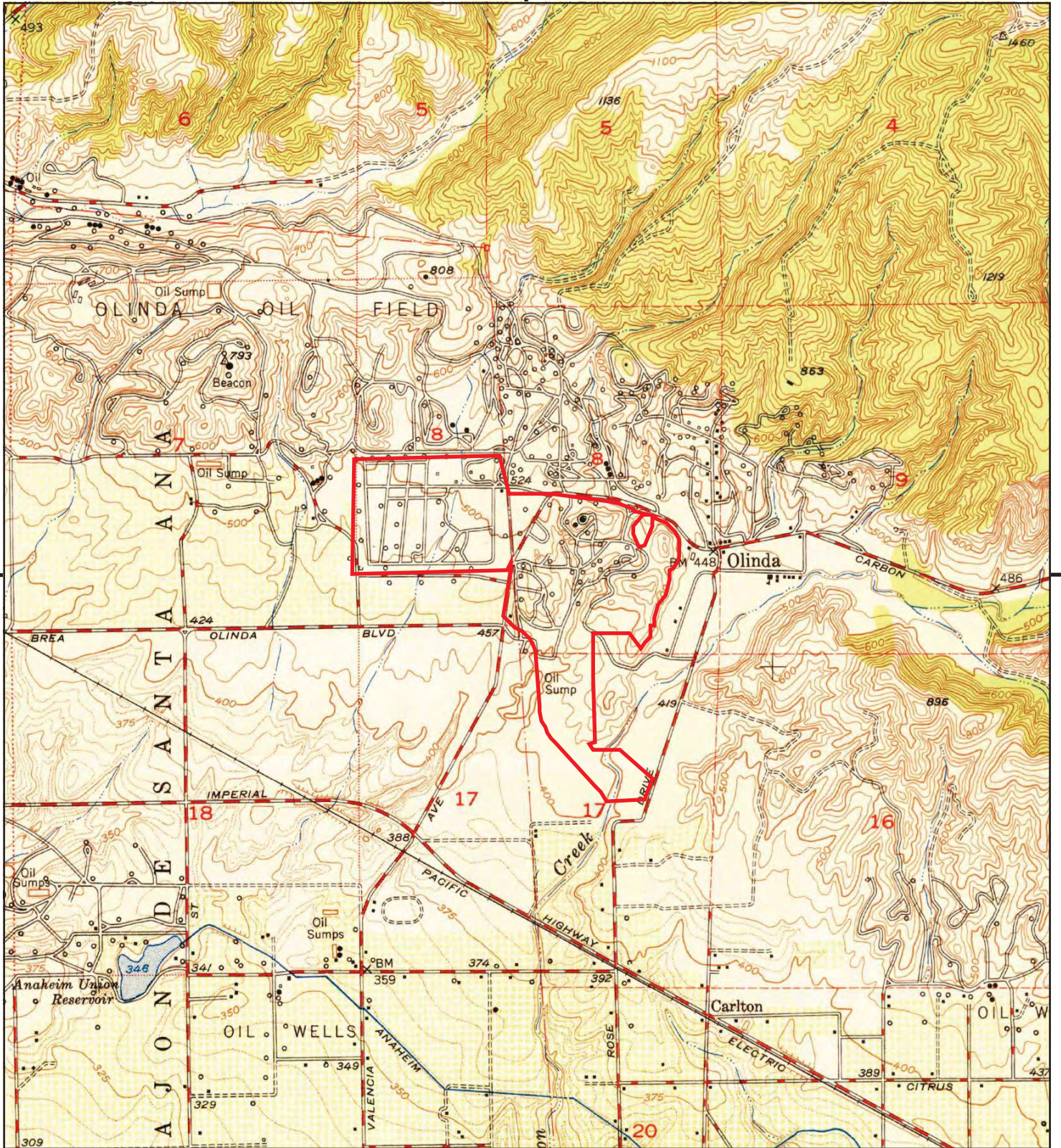


TP, Yorba Linda, 1964, 7.5-minute

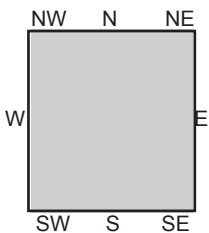
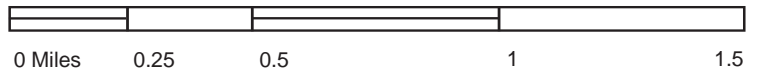
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 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.







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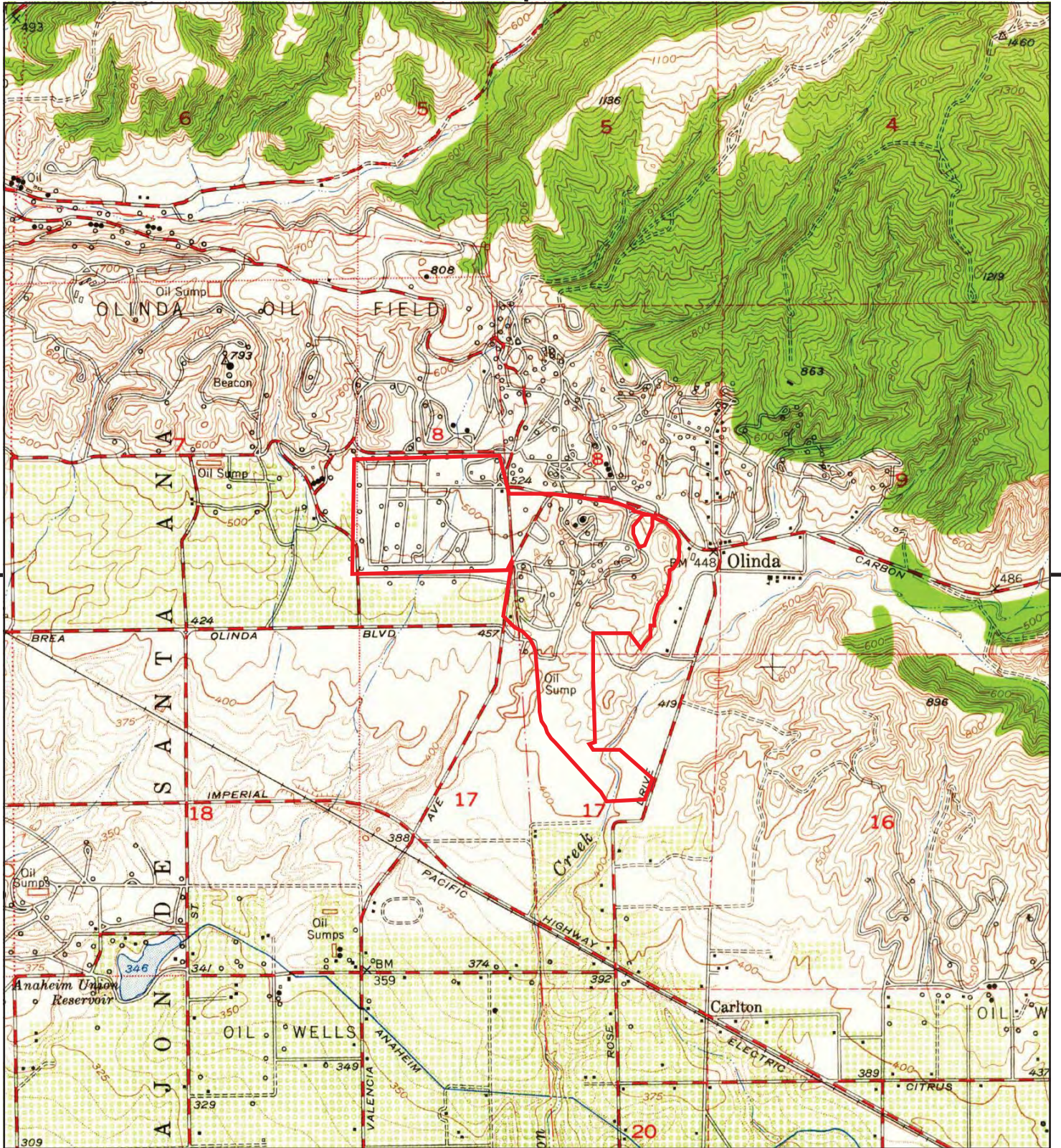


TP, Yorba Linda, 1950, 7.5-minute

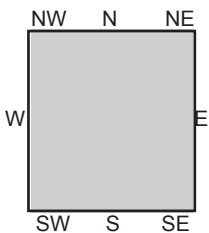
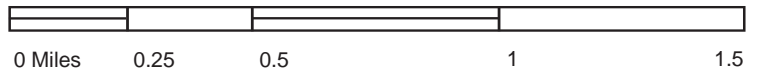
SITE NAME: 265-Acre Brea Property  
 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.

H-875





This report includes information from the following map sheet(s).

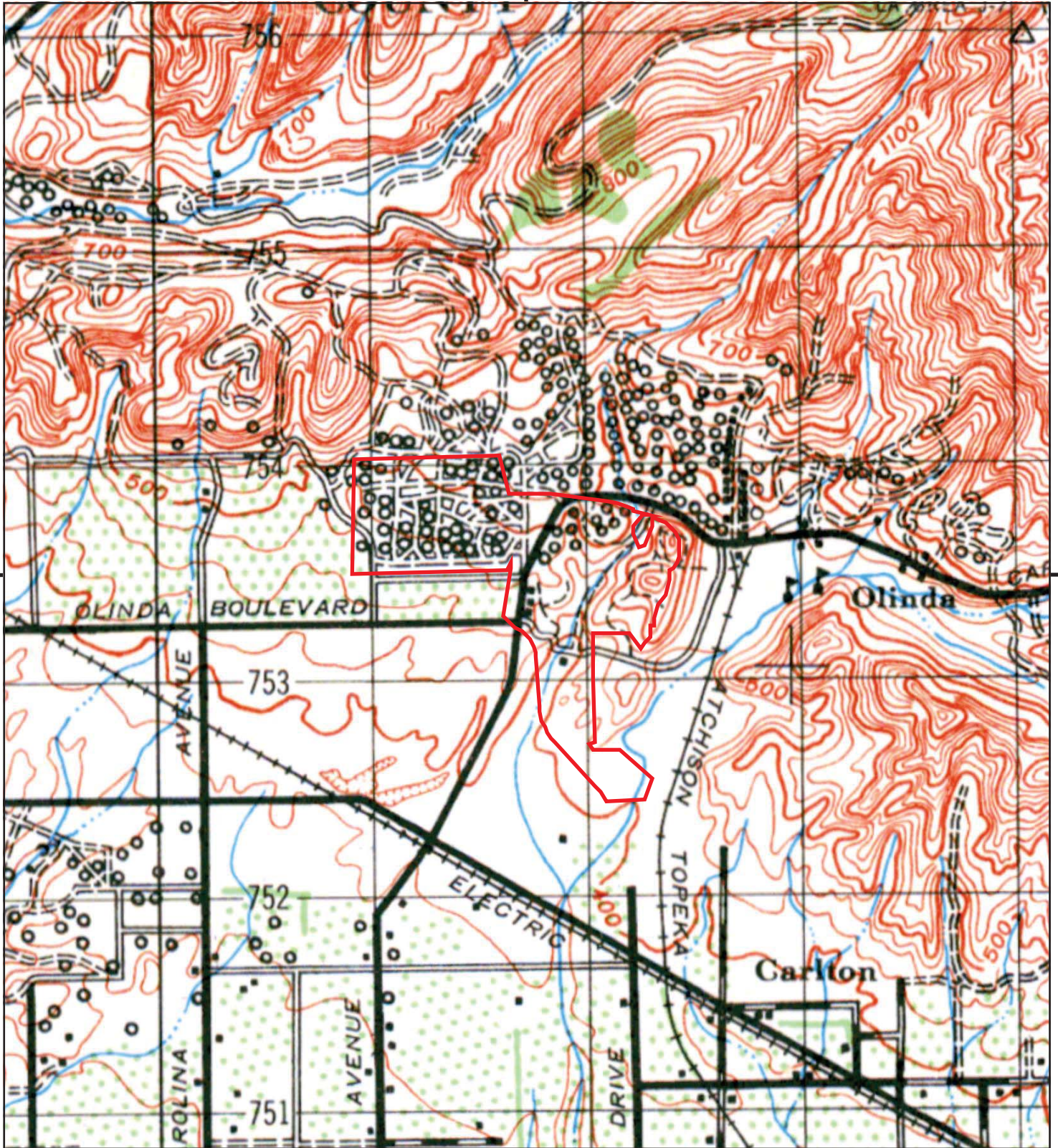


TP, Yorba Linda, 1949, 7.5-minute

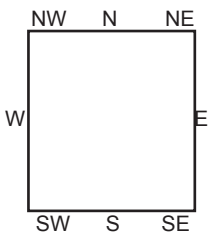
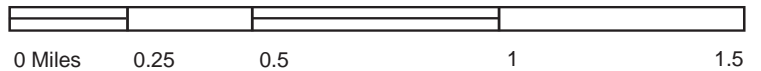
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 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.







This report includes information from the following map sheet(s).

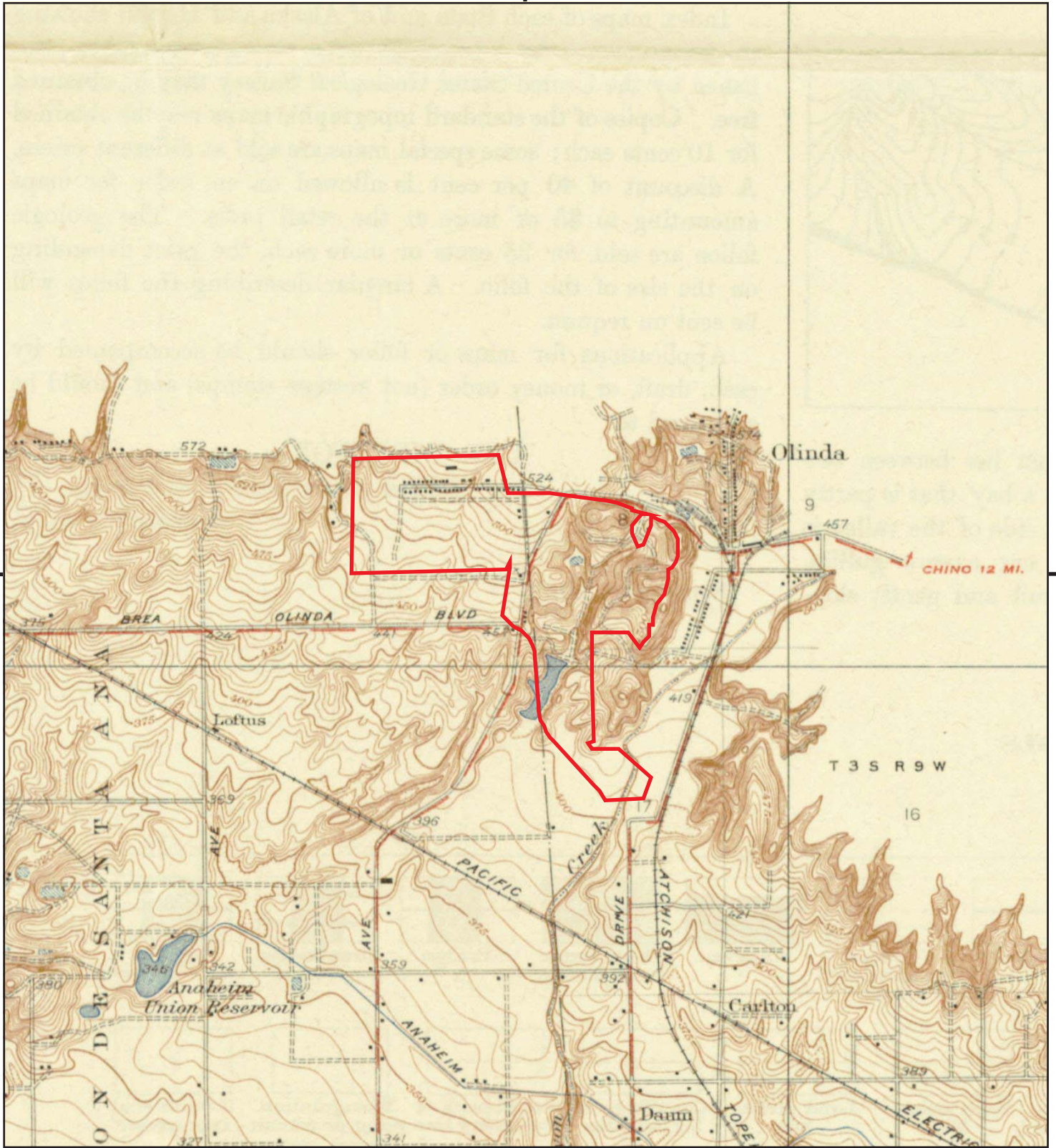


TP, ANAHEIM, 1942, 15-minute

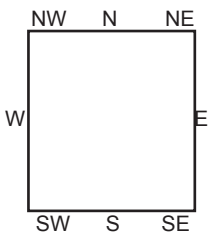
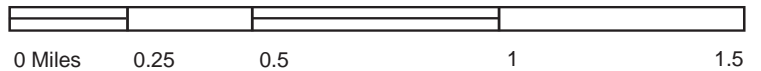
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 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.







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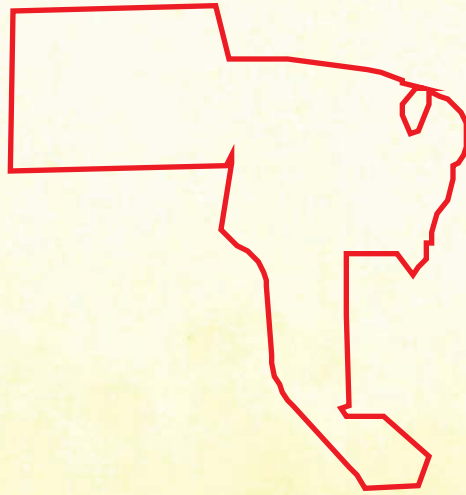


TP, OLINDA, 1935, 7.5-minute

SITE NAME: 265-Acre Brea Property  
 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.

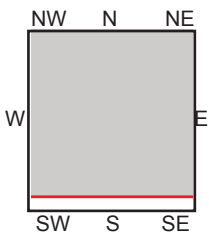
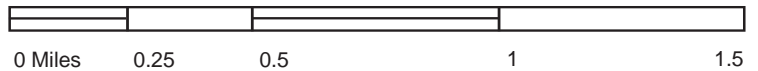


THIS AREA IS SHOWN ON THE MAP OF ANAHEIM QUADRANGLE,  
SCALE 1:62,500, SURVEYED IN 1894, CULTURE REVISED IN 1900



UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED

This report includes information from the following map sheet(s).



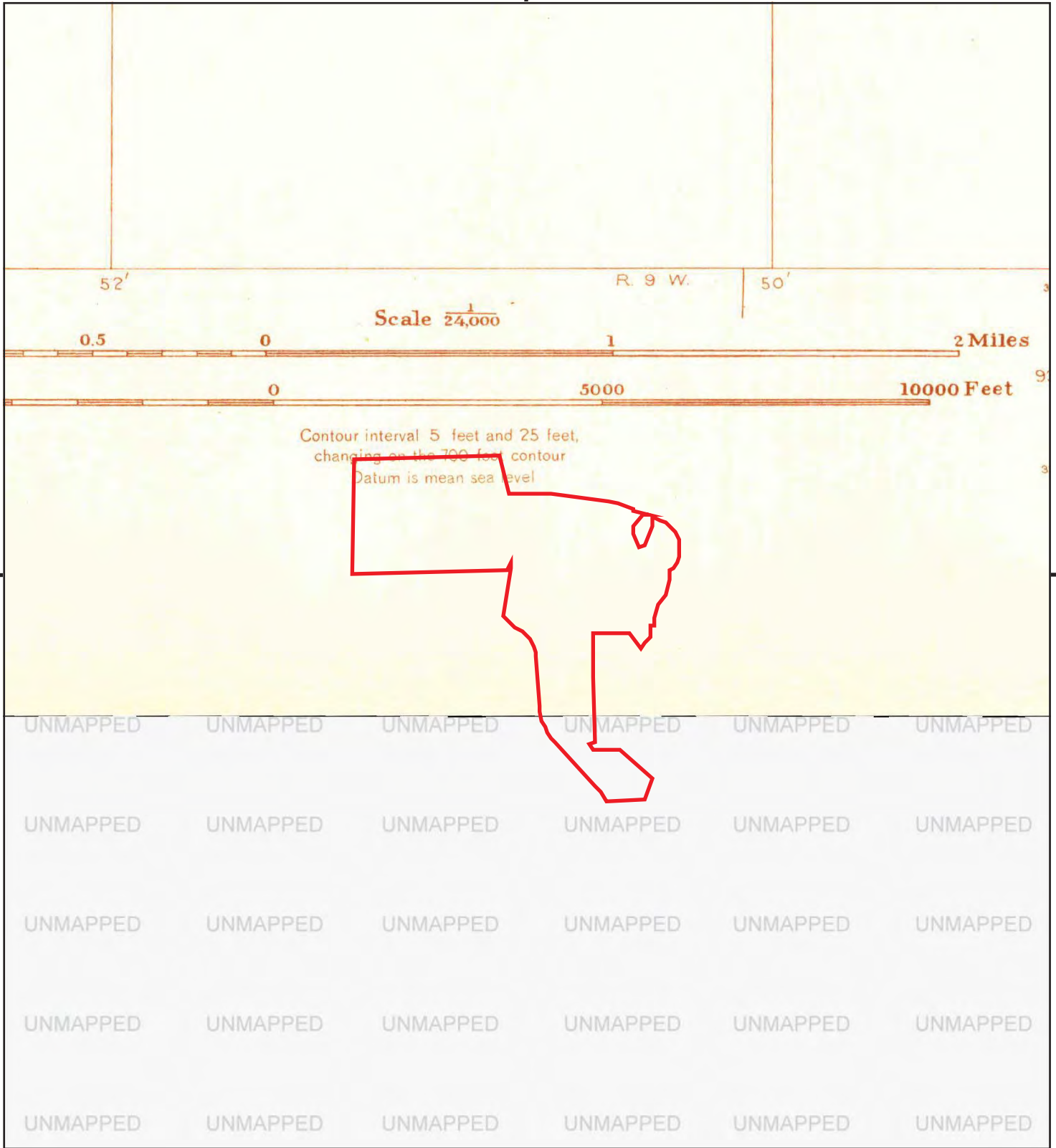
TP, La Brea, 1928, 7.5-minute

SITE NAME: 265-Acre Brea Property  
ADDRESS: Valencia Avenue  
Brea, CA 92823  
CLIENT: Northgate Env. Management Inc.

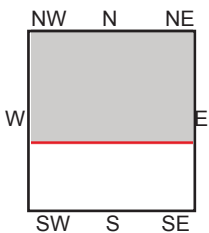
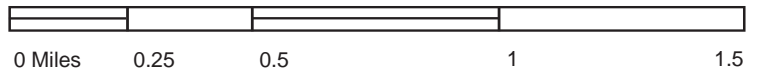
H-879







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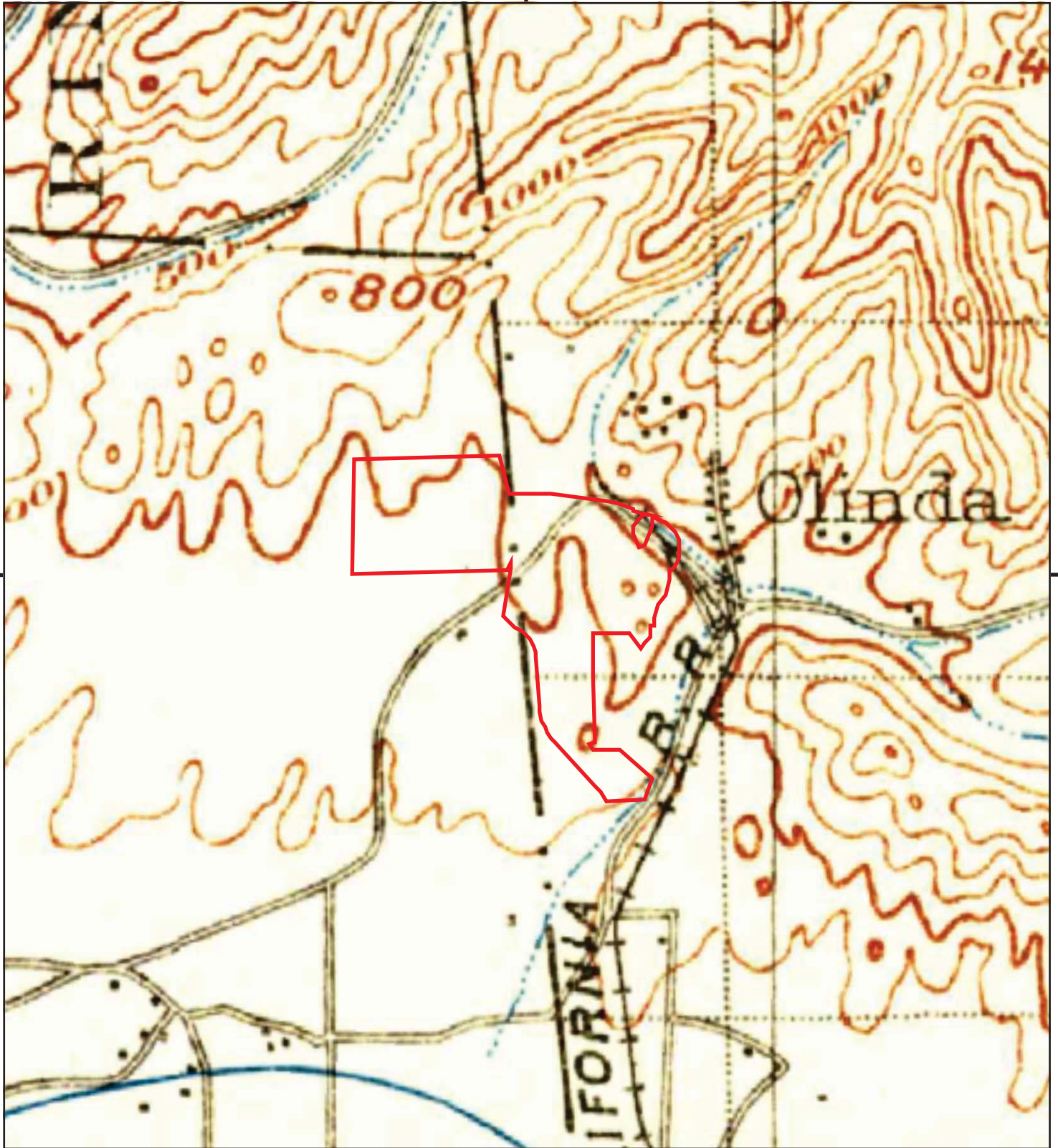


TP, La Brea, 1925, 7.5-minute

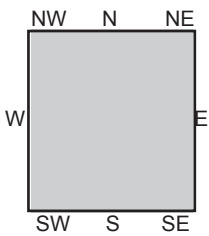
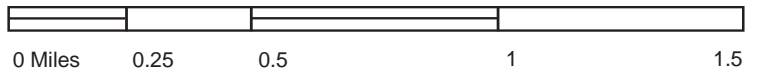
SITE NAME: 265-Acre Brea Property  
 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.

H-880





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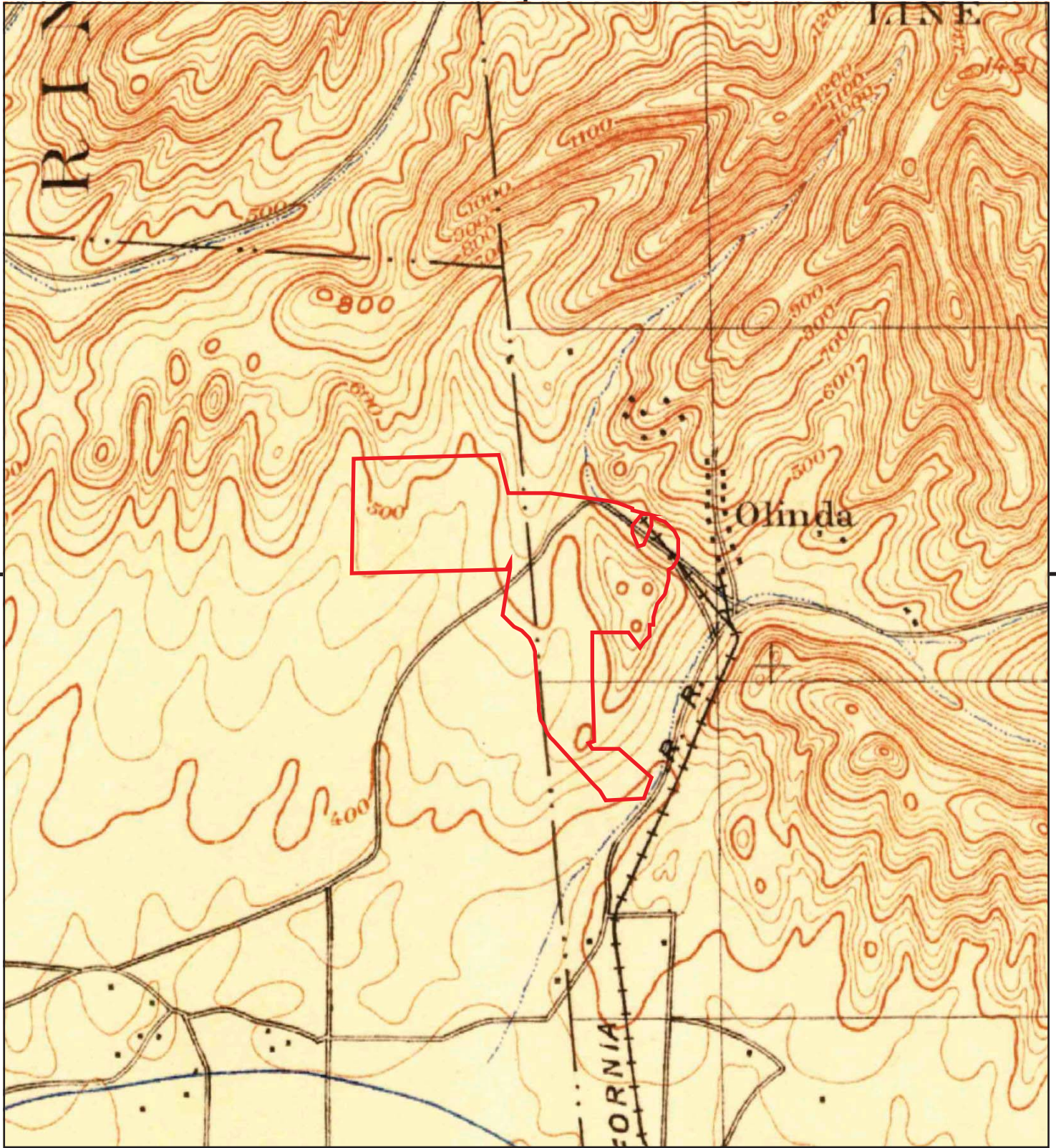
TP, Corona, 1902, 30-minute

SITE NAME: 265-Acre Brea Property  
ADDRESS: Valencia Avenue  
Brea, CA 92823  
CLIENT: Northgate Env. Management Inc.

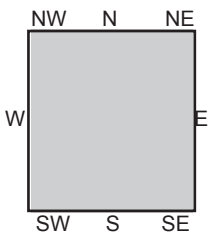
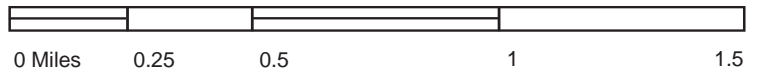
H-881







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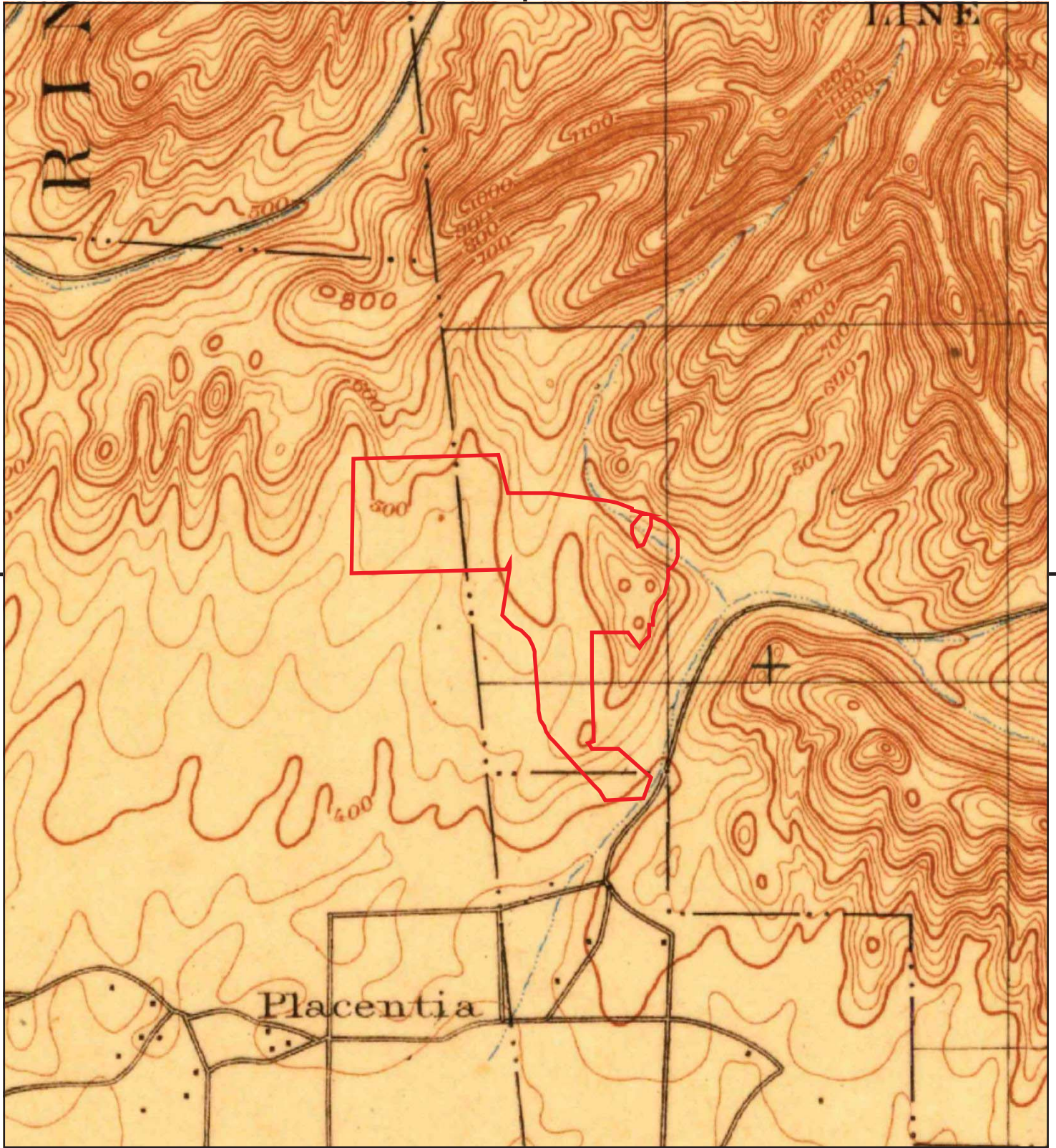
TP, Anaheim, 1901, 15-minute

SITE NAME: 265-Acre Brea Property  
 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.

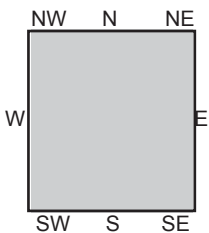
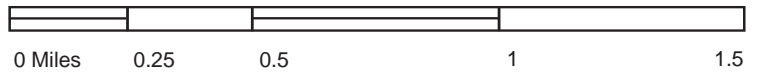
H-882







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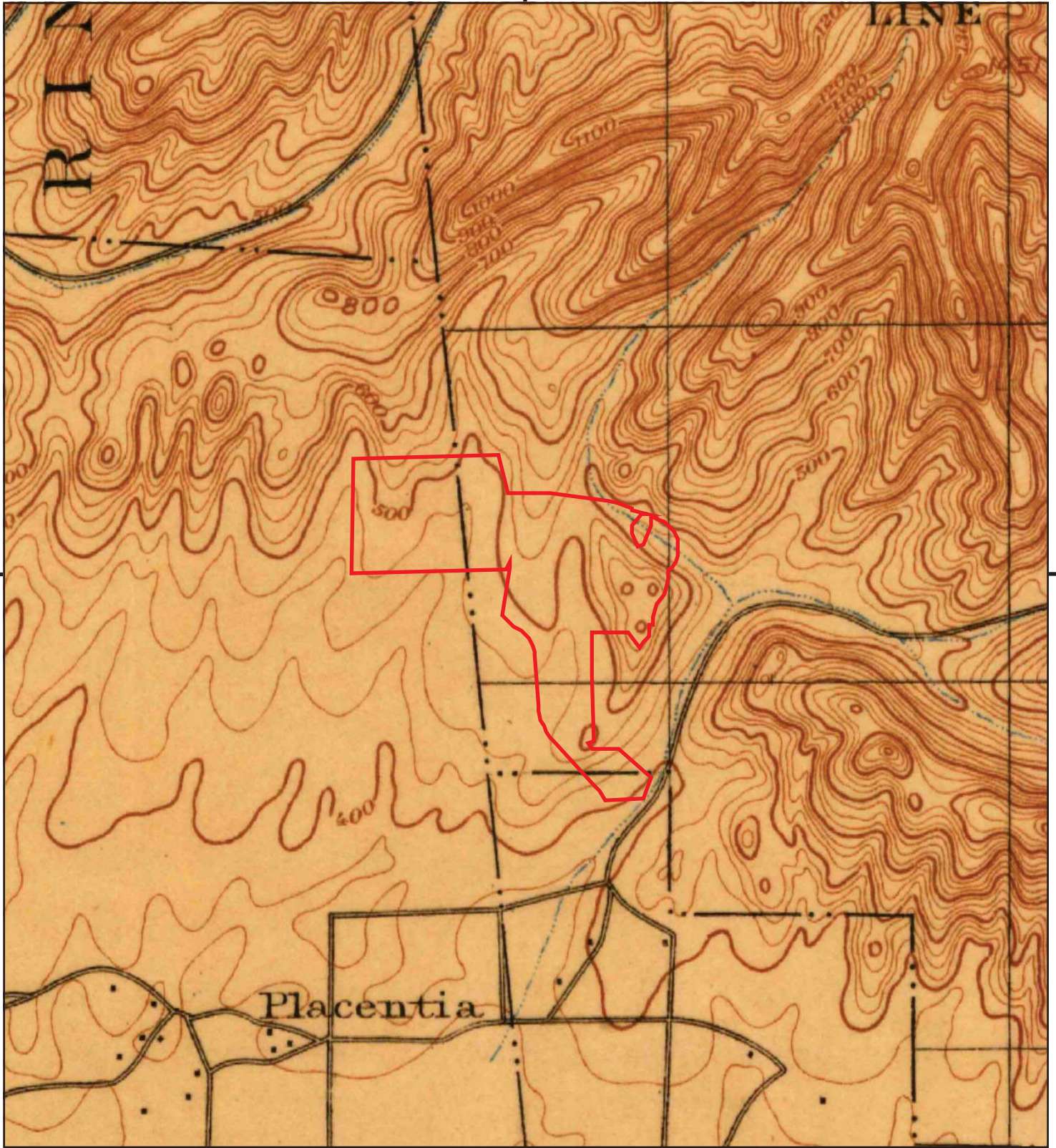
TP, Anaheim, 1898, 15-minute

SITE NAME: 265-Acre Brea Property  
 ADDRESS: Valencia Avenue  
 Brea, CA 92823  
 CLIENT: Northgate Env. Management Inc.

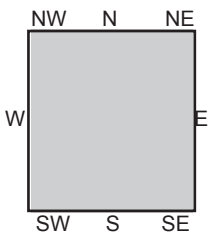
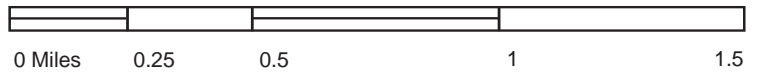
H-883







This report includes information from the following map sheet(s).



TP, Anaheim, 1896, 15-minute

SITE NAME: 265-Acre Brea Property  
ADDRESS: Valencia Avenue  
Brea, CA 92823  
CLIENT: Northgate Env. Management Inc.

H-884



**APPENDIX G**  
**THE EDR-CITY DIRECTORY ABSTRACT**





**265-Acre Brea Property**

Valencia Avenue  
Brea, CA 92823

Inquiry Number: 4848184.5  
February 08, 2017

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

#### **Disclaimer - Copyright and Trademark Notice**

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

### RECORD SOURCES

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# FINDINGS

## TARGET PROPERTY STREET

Valencia Avenue  
Brea, CA 92823

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

## VALENCIA AVE

2013	pg A1	Cole Information Services
2008	pg A2	Cole Information Services
2003	pg A3	Cole Information Services
1999	pg A4	Cole Information Services
1995	pg A5	Cole Information Services
1992	pg A6	Cole Information Services
1985	pg A7	Haines Criss-Cross Directory
1980	pg A8	Haines Criss-Cross Directory
1975	pg A9	Haines Criss-Cross Directory
1972	pg A10	Haines Criss-Cross Directory

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**



-

**VALENCIA AVE 2013**

525	ARTISTIC DENTAL
	STARBUCKS COFFEE
	YOURS TO TREASURE
601	AAE INC
	MOXA
603	CALVARY CHURCH OF PLACENTIA
	DEBT SETTLORS OF AMERICA
1942	RIDGEWOOD POWER MANAGEMENT
2601	BERGEN NURSERIES
	TONNER HILLS



**VALENCIA AVE 2008**

275	BANK OF AMERICA
376	ECO SCRAP INC
	HARTLEY UNOCAL
	MOLYCORP INC
	UNOCAL CREDIT UNION
	UNOCAL INTERNATIONAL SUPPLY & TRADIN
525	ARTISTIC DENTAL
	CHRISTINE LEE BEAUTY SUPPLY & SALON
601	ADVANCED APPLIED ENGINEERING
	ADVANCED INFRASTRUCTURE MANAGEMENT
	COLIN L WHIPPLE CPA
	COLIN WHIPPLE
	CONAWAY & CONAWAY
	JAMES CONAWAY
	MILLER GIANGRANDE
	PACIFIC WEST COAST FINANCIAL
	PROFESSIONAL GOLFERS ASSN OF AMERICA
	WINDOW ROCK ENTERPRISES INC
603	SHEA INTERIORS
	SHEA MORTGAGE INC
1942	AIR PRODUCTS & CHEMICALS INC
	RIDGEWOOD POWER MANAGEMENT
1983	BREA GREEN RECYCLING INC
2601	OLINDA NURSERY INC

**VALENCIA AVE 2003**

275	BOX LEASING DREW PARROT ERIC HATCHER HARRY MOTTLOW JEFFREY CARSON
376	ERST INC ERST/OBRIENS INC KATHLEEN MALLEY MOLYCORP INC PRODICA LLC UNOCAL BREA FEDERAL CREDIT UN
525	UNOCAL IMPERIAL
601	PROFESSIONAL GOLFERS ASCTN SIMULATION SCIENCES INC
603	EDWARD TRESKA MOUNTAIN SPRING SPRING MOUNTAIN ESCROW VALERIE JANSON
1942	OCCUPANT UNKNOWN RE MONKS RIDGWOOD POWER MANAGEMENT
1952	TEXACO NORTH AMERICAN PRDCTN
2601	PROFESSIONAL GROWERS INC
3202	OCCUPANT UNKNOWN OLINDA NURSERY

**VALENCIA AVE 1999**

275	LCA
376	DINNER AT EIGHT PRODUCTIONS ECO SCRAP INCORPORATED UNOCAL CORPORATION
525	IMPERIAL UNOCAL
601	PGA OF AMERICA SO CALIF PROFESSIONAL GOLFERS ASSOCIATION SIMULATION SCIENCES INCORPORATED
603	SHEA HOMES INCORPORATED SPRING MOUNTAIN ESCROW SPRING MOUNTAIN ESCROW BREA
1942	G S F ENERGY RIDGWOOD POWER MANAGEMENT
1952	TEXACO NORTH AMERICAN PRODUCTION INCORPORATED
1983	BREA GREEN RECYCLING
3202	OLINDA NURSERY

**VALENCIA AVE 1995**

374	ROOZEK, DARYL
376	GRAHAM, GERRY
525	BREA UNOCAL IMPERIAL UNOCAL
601	ASSOCIATED CLAIMS MANAGEMENT DUTTARROY, KUNAL PROFESSIONAL GOLFERS ASSN SIMULATION SCIENCES INC
603	CENTER FOR FACIAL SURGERY INFECTIOUS DISEASES CONSULTANT JOEL TROTTER MD JOHN W ZAMARRA INC PHYSICIAN CARE RUSSELL C EWING II MD WILLIAM C FILSINGER MD
3202	OLINDA NURSERY



-

**VALENCIA AVE 1992**

376	BREA TRAVEL VALNCIA UNOCAL CORP SCN DIV
525	BREA UNOCAL UNOCAL IMPERIAL
601	ASSOCTD CLAIMS MNG
603	BERNSTEIN B S MD BREA CARDVSCLR INST CENTER FACIAL SRGRY CROSSAN JAMES MD EWING R C 2D MD INC PHYSICIAN CARE TROTTER JOEL MD ZAMARRA JOHN MD
3202	OLINDA NURSERY

VALENCIA AVE 1985

VALENCIA AV 92621 BREA

275	SECURITY PAC OPER	961-2100	4
376	BREA TRAVEL VALNCIA	528-2020	4
	UNION OIL CO CALIF	528-7201	0
601	AMER MDCL INTL INC	996-8660	+5
	CONTL PAC ENTPRS	528-4840	4
1991	SHIELDS WILLIAM T	529-3234	3
	STEINER TRUCKING	990-5419	+5
2601	CRESTMONT OIL&GAS	993-6090	
	L&J BACKHOE&TRCK SV	528-4010	+5
2603	XXXX	00	
3201	XXXX	00	
3202	OLINDA NURSERY	993-0760	+5
★	9 BUS	3 RES	4 NEW

VALENCIA AVE 1980

VALENCIA AV 92621 BREA			
2601	CRESTMONT OIL&GAS	993-6090	4
2603	PARK PATRICK N	993-0269	4
3011	KLECKNER DON	996-6203	8
3201	OLINDA NURSERY	993-0760	7
3202	XXXX	00	
★	2 BUS	3 RES	0 NEW



VALENCIA AVE 1975

VALENCIA AV 92621 BREA

2601\*BERGEN NURSERIES 528-0761 4  
 \*CRESTMNT OIL&GAS CO993-6090 4  
 \*IMPERIAL LANDSCAPE 528-4222 4  
 2603 PARK PATRICK N 993-0269 4  
 3011\*FLYING J QRTR HRSES524-3602  
 3952\*UNION OIL CO RESRCH528-7201  
 \* 5 BUS 1 RES 0 NEW



-

VALENCIA AVE 1972

VALENCIA AV 92621 BREA

2601\*GETTY OIL CO 528-7235

2603 BABYLON A P 524-2317

\*BERGEN NURSERIES 528-0761

3011\*FLYING J QRTR HRSES 524-3602

3952\*UNION OIL CO RESRCH 528-7201

\* 4 BUS 1 RES 0 NEW

**APPENDIX H**  
**ENVIRONMENTAL PROFESSIONAL QUALIFICATIONS**



---

## DERRICK S. WILLIS

### PRINCIPAL

Mr. Willis has over 24 years' experience serving both public sector and private clients in California and Canada on a wide variety of environmental projects. For the last several years, Mr. Willis' focus has been on formulating and facilitating closure and development strategies for large, complex, high profile, environmental projects for aerospace, industrial, and real estate development firms. Mr. Willis has extensive experience with due diligence/property transfer and development issues in a wide variety of industrial and regulatory settings. He is familiar with the industrial processes that generate environmental wastes, the fate and transport of chemicals in the environment, the potential adverse effects of these substances on human and ecological receptors, compliance challenges faced by business operators, the performance of remedial technologies, and how these issues play into site acquisition, development, and divestiture.

## REPRESENTATIVE EXPERIENCE

### *Litigation Support*

- ***Litigation Support, Confidential Client, City of Commerce, California*** – Conducted site review of historical records, developed and implemented soil, soil vapor, and groundwater investigation, and developed Site Conceptual Model (SCM) for former aerospace facility that was now developed as a multi-tenant warehouse. Successful in being able reconstruct historical SCM to show that environmental impacts were caused by historic aerospace operations from the 1940s to 1960s and not from the more recent tenant operations. Provided information and deposition for property management firm's counsel.

### *Environmental Site Assessments and Regulatory Compliance*

- ***TMDL Compliance, City of Torrance and Peninsula Cities, California*** – Principal-in-Charge for surface/stormwater monitoring programs for both the City of Torrance and of the City of Rolling Hills Estates, Rolling Hills, Palos Verdes Estates, and Rancho Palos Verdes (Peninsula Cities). Programs are to maintain regulatory compliance with Total Maximum Daily Load (TMDL) requirements.
- ***RREEF, Villa Marina Marketplace, Marina Del Rey, California*** — Mr. Willis managed the design and installation of a groundwater treatment system to treat groundwater impacted from metals and selenium to meet NPDES discharge requirements for a basement dewatering system for a shopping center. He currently manages the operation, maintenance and reporting associated with the ongoing dewatering system.
- ***RREEF, Multiple Sites, Southern California*** — Mr. Willis serves as client director for RREEF on multiple projects including acquisition studies (which include mold, asbestos and indoor air quality surveys), tenant audit programs, soil remediation, groundwater investigation and remediation, third party oversight, agency negotiation, and mold and asbestos abatement programs.

- **Opus Corporation, Multiple Sites, Southern California** — Mr. Willis has directed over 50 acquisition-related due diligence investigations for Opus Corporation (Opus). Scope of work has included Phase I ESAs, soil and groundwater investigations, risk evaluations, agency negotiation, and aiding Opus in evaluating and quantifying the potential risk associated with recognized environmental concerns.
- **Various Clients, Various Locations, Southern California** — Project manager for more than 200 Phase I environmental assessments (ESAs) for industrial facilities including aerospace, furniture and paper manufacturing factories; utility companies, vehicle and equipment maintenance facilities; and landfills as well former agricultural land. The objective of the ESAs was to evaluate and quantify potential liabilities associated with the acquisition and development of the properties.

### **Site Investigation and Remediation**

- **Kimco Realty Corporation, multiple locations in California and Nevada**, – Serves Principal-in-Charge and program manager for investigation and remediation of several dry-cleaner sites in California (Cupertino, Daly City, Lakewood, and LaVerne) and Reno, Nevada. Projects range from investigation of soil impact to remediation of soil and groundwater. Mr. Willis is responsible for developing remedial strategies, negotiating with regulatory agencies, and providing technical direction to staff in order to evaluate and remediate site impacts, and bring sites to regulatory closure.
- **Baker Cold Storage, Port of Long Beach Pier B Facility, California** – Serves as project manager for investigation, remediation and redevelopment support of a 12-acre former wood treatment facility in the Port of Long Beach. The site is impacted with pentachlorophenol (PCP), metals, VOCs, and dioxins/furans. In addition, tidally influenced groundwater is impacted with PCP and petroleum hydrocarbons and methane charged from oilfield operations. Mr. Willis evaluated investigation data, managed a groundwater investigation program and develop a remedial approach for soil and groundwater. Mr. Willis successfully streamlined the regulatory process by aggregating the remedial work plans including RCRA closure of a drip pad, into one encompassing work plan (Soil and Groundwater Response Plan) and one Remedial Design Document ([RDD] that incorporated the facility design components into building mitigation design), and securing agency approvals on components of site construction concurrent with development of the RDD. Site is currently being developed with a 250,000 square-foot cold storage facility.
- **Black Mountain Industrial Complex Remedial Design and Implementation, Nevada** – Served as project manager for expedited investigation and remediation program for the Tronox industrial facility within the BMI Complex. Previously the world's largest magnesium production facility during World War II, the site was later utilized for the manufacture of rocket fuel, other products, and most recently alkali and manganese oxide-based chemicals. Historical Industrial operations resulted in subsurface impacts from heavy metals, perchlorate, pesticides, chlorinated solvents, asbestos, radionuclides, and other chemicals. Developed streamlined investigation and remedial approach, prepared remedial plans, and rapidly mobilized and managed a team of staff and subcontractors to remove approximately 800,000 cubic yards of soil from the site to meet commercial soil cleanup goals for direct contact exposure in an expedited timeframe.
- **Hawaii Wood Preserving Company Treatment Facility, Maui, Hawaii** – Served as project manager, for decommissioning, investigation, remediation, and closure for a former wood treatment facility to allow for redevelopment. The site operated as from 1972 to 2001 to treat lumber with PCP, chromated copper arsenate (CCA), permithrin, and disodium octoborate. Chemicals were



profiled, all equipment was decontaminated and recommissioned, and verification sampling was conducted as part of decommissioning. A remedial investigation and remedial alternatives analysis was developed and implemented to investigate and develop a path-forward to closure. The implemented remedial approach consisted of site capping and long-term groundwater monitoring.

- **Lockheed Martin Former International Light Metals Facility, Torrance, California** — Served as project manager and principal investigator for a 67-acre aerospace facility where client objective was expedited redevelopment. The project included facility demolition, preparation and implementation of a Resource Conservation and Recovery Act (RCRA) closure plan for 11 permitted RCRA units, negotiations with the Department of Toxic Substance Control (DTSC), preparation of a RCRA Facility Assessment (RFA) (210 features identified that required intrusive investigation), implementation of a RCRA Facility Investigation (RFI) for soil and groundwater, preparation of a health-based risk assessment, and implementation of soil remediation. Site closure for soil was granted only three years after project initiation, in contrast to the normal six to eight year process, and has been used as an example by head DTSC officials as an example of industry and the regulatory community working together to achieve expedited site closures for property redevelopment purposes. Mr. Willis also developed strategy for groundwater investigation and remediation and negotiated the corrective action consent agreement (CACA) with DTSC.
- **Playa Capital Corporation, Playa Vista Development Project, Los Angeles, California** — Mr. Willis served as program manager for the Playa Vista project, one of the largest and most visible brownfield development projects in the country. At 1,100 acres, it is the largest underway in Los Angeles County. His primary responsibility included environmental program management (including scoping, developing, scheduling, and tracking environmental activities for the development project), risk management (including developing and negotiating with agencies for appropriate cleanup criteria), remedial strategy/management (including development and implementation of pilot tests and oversight of investigation and remediation activities), agency/RP/buyer negotiations, consultant and contractor selection/oversight, coordination with Playa's infrastructure group on the development/implementation of integrated remedial approach where appropriate, litigation support, data management, and transactional support with respect to the sale of remediated parcels.
- **Project Manager, Confidential Client, Buena Park, California** — Served as project manager for multi-media remediation project at a commercial development in Buena Park, California. The site was a former food processing facility that was redeveloped into commercial offices and warehouse space. Evaluated the environmental liability for a Real Estate Investment Trust (REIT) that subsequently purchased the property, and managed remediation program in conjunction with site redevelopment.
- **Project Manager, Brownfield Redevelopment, Torrance, California** — Served as project manager for site redevelopment project for a PacTrust. Evaluated environmental liabilities associated with a 12-acre parcel that was part of a butadiene plant (Del Amo Superfund Site) left undeveloped as a brownfield, and formulated a strategy to expedite regulatory closure and redevelopment. A comprehensive investigation was completed on the parcel, and the report submitted to the Environmental Protection Agency (EPA) for review. Successfully negotiated with EPA to conduct a non-Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) closure program. Conducted soil remediation program under EPA oversight in conjunction with site construction activities.



- **Project Manager, Investigation and Remediation Program, Safety Kleen, Vancouver, British Columbia, Canada** — Managed remediation of former solvent recycler transfer stations in British Columbia and Alberta, Canada. Sites involved characterization and remediation of soil and perched groundwater zones. Assessed feasibility of vapor extraction for cleanup of vadose zone contamination, and designed and installed a dewatering system for perched water in former tank cavities and surficial saturated zone for Vancouver transfer station. Achieved regulatory site closure two years faster than previous consultant's estimate.
- **Cupples Manufacturing, Investigation and Remediation Program, La Mirada, California** — Project manager for soil/groundwater characterization and remediation program at a truck maintenance facility in La Mirada, California. Conducted an underground storage tank and clarifier removal program in conjunction with site characterization activities. Implemented remediation of soil and groundwater impacted with petroleum hydrocarbons. Negotiated and received closure from Regional Water Quality Control Board (RWQCB).
- **Alberta Environment, Abandoned Wood Treatment Sites, Various Locations, Alberta, Canada** — Project manager for the Wood Preserving Sites Characterization Program for Alberta Environment. Performed site characterization of four former wood preservation sites in Alberta, Canada. The sites had been used for many years for treating wood poles and railroad ties with a pentachlorophenol/diesel mixture. Soil and/or groundwater were impacted at the sites. Soil borings and groundwater monitoring wells were installed, and laboratory analysis of soil and groundwater was performed, to help determine the lateral and vertical migration of dissolved-phase hydrocarbons in the groundwater and dense non-aqueous phase liquids (DNAPLs) through glacial tills and several non-confining layers. Detailed drilling and sampling plans were necessary to ensure correct evaluation of vertical DNAPL migration. Aquifer tests were performed and receptor data were collected in order to formulate a quantitative assessment of both health-based and environmental risk.
- **Texaco Refining and Marketing Inc., Investigation and Remediation Programs, Various Locations, Southern California** — Responsible for remediation programs at several petroleum retail outlets for Texaco in the southern California area. Projects included soil and groundwater investigation programs, underground storage tank (UST) removals, remedial design (including design and implementation of vapor extraction and aquifer tests), implementation of remedial program, and operation and maintenance of remediation systems. This included designing, specifying, permitting, and installing of all equipment (including piping, downhole pumps, off-gas treatment, and water treatment).
- **Groundwater Contamination Investigation and Analysis, Technisol, Raymond, Alberta, Canada** — Conducted a groundwater investigation program at a solvent recycling facility located in southern Alberta, Canada. The program was implemented to determine the lateral and vertical extent of several species of chlorinated volatile organic compounds present in the confined aquifer beneath the facility. Aquifer testing was performed to estimate migration rates and to provide preliminary data for remedial action. Successfully negotiated with Alberta Environment (lead regulatory agency) for monitored natural attenuation approach.
- **Pier A Railyard, Port of Los Angeles, Los Angeles, California** — Managed a soil and groundwater investigation program at a Port of Los Angeles rail transfer yard. The objective of the project was to characterize previously identified polynuclear aromatic compounds, volatile organic compounds, and petroleum hydrocarbons in the soil and groundwater, and identify any regulated





building materials in the site structures in order to facilitate an expedited redevelopment program. The project was finished ahead of schedule and under budget.

- **Soil and Groundwater Remediation, Texaco, Various Locations, Southern California** — Conducted vapor extraction tests, performed data analysis, and generated recommendations for an industrial manufacturing facility to determine the viability of using vapor extraction for remediating chlorinated solvents, primarily tetrachloroethene (PCE), present in the soil beneath the facility. Each test was designed to assess air flow rates and vacuums, vertical interference and crossflow, radii of influence, potential for water upwelling, and effectiveness of vapor extraction in both vadose and capillary zones. Extracted vapors were collected to determine volatile organic compound concentrations. Data were used to determine well spacing and slotting intervals, optimum flow rate/vacuum combinations, extraction blower sizing, and vapor treatment equipment.
- **Texaco, Various Locations, Southern California**— Responsible for preparation of South Coast Air Quality Management District (SCAQMD) permitting, installation, operation and maintenance of thermal and catalytic oxidizers/vapor extraction systems for the remediation of soil (containing petroleum hydrocarbons) beneath operating service stations.

## EDUCATION

B.S., Geology, University of Alberta, Alberta, 1988

## PROFESSIONAL HISTORY

Northgate Environmental Management, Principal, 2006 to date

LFR Levine Fricke, Principal Hydrogeologist, 2002 – 2006

Integrated Environmental Services, Director of Operations/Senior Program Manager, 1999– 2002

ARCADIS Geraghty & Miller, Inc. Senior Hydrogeologist, 1993 – 1999

Environmental Design Corporation, Vice President, 1992

Environmental Science & Engineering, Inc., Staff Geologist, 1991

Terracon Geotechnique, Ltd., Geologist, 1989 – 1991

Contract Positions, Various Locations, Geologist, 1988

## REGISTRATIONS

Certified Environmental Manager, Nevada, No. EM 2252



---

## Nicky Galloway, P.E.

### PROJECT ENGINEER

Ms. Galloway is a Project Engineer whose focus has been in remediation construction site oversight, Phase I and II environmental site assessments, environmental field sampling, environmental audits, site inspections, and technical data review. Her environmental field experience includes soil and groundwater sampling, soil vapor studies, stormwater sampling, indoor air quality studies, air monitoring activities, and site cleanups. Ms. Galloway is a licensed Civil Engineer in the state of California and has received the OSHA 40 Hour HAZWOPER Training.

## REPRESENTATIVE EXPERIENCE

### *Environmental Site Assessments and regulatory Compliance*

- ***Machado Lake Nutrient TMDL Sampling, Rolling Hills Estates, California*** – Ms. Galloway was the field lead for the collection of stormwater samples and flow measurements in accordance with the Palos Verdes Peninsula Coordinated Monitoring Plan and the Machado Lake Eutrophic, Algae, Ammonia, and Odors (Nutrient) TMDL (established by the Los Angeles Regional Water Quality Control Board) to monitor nutrients, including nitrogen and phosphorous discharged from Rolling Hills Estates to Machado Lake. Sampling activities included rapid mobilization during wet weather and dry weather events on a monthly basis between 2012 and 2016 to collect samples from surface waters and confined conveyance systems. She calculated monthly averages of total nitrogen and total phosphorous and compared the results to waste load allocations to determine attainment status.
- ***Machado Lake Nutrient TMDL Sampling, Torrance, California*** – Ms. Galloway is the field lead for the collection of stormwater samples and flow measurements in accordance with the provisions of the Machado Lake TMDL Special Studies Work Plan and the Machado Lake Eutrophic, Algae, Ammonia, and Odors (Nutrient) TMDL (established by the Los Angeles Regional Water Quality Control Board) to monitor nutrients, including nitrogen and phosphorous discharged from the City of Torrance to Machado Lake. Sampling activities include rapid mobilization during wet weather and dry weather events on a monthly basis since 2012 and data collection from data loggers to calculate flow rate and discharge volume and to monitor storm events. She also maintains discharge flow and volume calculations for annual reporting and assists with the preparation of annual report document.
- ***Anthropogenic Source Nutrient Assessment, Rolling Hills Estates, California*** – Ms. Galloway was a field lead for wet weather event stormwater sampling conducted for identification of nutrient sources to study nutrient load reduction at the Model Equestrian Center Project, Rolling Hills Estates, California.
- ***National Pollutant Discharge Elimination System Monitoring, Marina del Rey, California*** – Ms. Galloway coordinates field activities associated with water quality sampling and analysis, flow data collection and analysis, and system operation and maintenance for a groundwater treatment system for VOCs, selenium, and metals prior to discharge to the storm drain. Her responsibilities also include preparing quarterly and annual monitoring reports for the Regional Water Quality



Control Board per requirements in the monitoring and reporting program of the NPDES permit for the project. She currently manages the testing, maintenance, and reporting associated with the ongoing dewatering system.

- **Environmental Site Assessments, Various Locations, California, Nevada, and Texas** – Ms. Galloway has conducted and managed dozens of Phase I and Phase II environmental site assessments for commercial, industrial, and residential properties. Her responsibilities included complete site history reviews, identifying recognized environmental conditions and areas of potential concern, as well as field sampling and analysis to investigate potential impacts to soil and groundwater quality. She also managed budgets, schedules, and client communication. Work was performed in general conformance with the ASTM environmental assessment standard and the U.S. EPA *All Appropriate Inquiry* guidelines.
- **Environmental Audits, Various Locations, California** – Ms. Galloway has performed and managed multiple environmental audits at several commercial and industrial facilities in California. Her responsibilities included conducting interviews with current tenants, inspecting site facilities to determine environmental compliance or potential issues, and completing a final audit report of findings. She also managed budgets, schedules, and client communication.

#### **Site Investigation and Remediation**

- **Baker Cold Storage Facility Brownfield Clean-up, Long Beach, California** – Ms. Galloway prepared an initial Phase I ESA and conducted site visits for the site that is impacted with pentachlorophenol (PCP), metals, VOCs, and dioxins/furans and under the regulation of the DTSC. In addition, tidally influenced groundwater is impacted with PCP and petroleum hydrocarbons and methane charged from oilfield operations. She also conducted a groundwater investigation program to evaluate impacts for the design of the remedial actions. Ms. Galloway assisted with the development of the Soil and Groundwater Response Plan and the Remedial Design Document. The site is currently being developed with a 250,000 square-foot cold storage facility. During construction activities, Ms. Galloway has conducted oversight of the site activities, including soil import/export, excavation, construction, and the installation of a methane barrier, and she has performed work zone and perimeter air monitoring. She also prepared daily activity reports including the analysis of air monitoring and Rule 1166 monitoring data to submit to the DTSC. Ms. Galloway has coordinated field activities including the decontamination and sampling of former drip pads, air monitoring activities, and wastewater sampling. She manages the data obtained from daily field activities and additionally has trained field staff.
- **Black Mountain Industrial Complex, Henderson, Nevada** – Ms. Galloway was a field engineer on site for the remediation of Tronox's industrial facility in Henderson, Nevada in which approximately 800,000 cubic yards of impacted soil were removed. Previously the world's largest magnesium production facility during World War II, the site was later utilized for the manufacture of rocket fuel, other products, and most recently alkali and manganese oxide-based chemicals. Historical Industrial operations resulted in subsurface impacts from heavy metals, perchlorate, pesticides, chlorinated solvents, asbestos, radionuclides, and other chemicals. Her responsibilities included providing technical oversight of excavation, construction, and groundwater pumping well installation activities; collecting groundwater samples; obtaining soil and air samples; monitoring dust levels; and conducting weekly site inspections for SWPPP compliance.
- **Monsanto Former Detergent Manufacturing Facility, Carson, California** – Ms. Galloway measured groundwater levels and collected groundwater samples to monitor for hydrocarbons,



predominantly benzene, which migrated through the soil to the groundwater beneath the site and migrated downgradient. Some samples were collected on the adjacent oil refinery property and Ms. Galloway received the appropriate training to access the refinery.

- **Oxygen Biosparge Pilot Scale Investigation, Carson, California** – Ms. Galloway collected groundwater samples using low flow sampling techniques as part of an oxygen biosparge in situ treatment system. Work was performed using supplied air in Level B personal protective equipment. She also routinely works in conjunction with a mobile laboratory to simultaneously collect and analyze soil vapor samples to monitor benzene concentrations as part of the pilot scale investigation.
- **Former Paint Facility, City of Commerce, California** – Ms. Galloway was responsible for coordinating the field activities associated with collecting soil vapor and LNAPL samples for a former paint facility. A soil vapor extraction system was operated on the site and sampling was performed to develop a conceptual site model to assess the effectiveness of continued remediation at the Site. Ms. Galloway was responsible for coordinating the sample collection and analysis with the laboratory and worked to draft the analytical report.
- **Kimco Lakewood Plaza, Bellflower, California** – Ms. Galloway conducted soil and indoor air sampling to help determine a remedial design for soil impacts with VOCs from a former dry cleaning operation. She oversaw excavation activities and collected confirmation samples. Ms. Galloway managed the data and documents associated with the project and assisted with the preparation of final reports.
- **Los Angeles World Airports, Los Angeles International Airport, Los Angeles, California** – Ms. Galloway reviewed historical reports, documents, and data for multiple portions of the Los Angeles International Airport and prepared summary documents. She also managed the review of similar work by other consultants for the facility. Ms. Galloway will utilize the results of these investigation efforts, currently in progress, to develop a facility wide groundwater monitoring program.
- **Port of Oakland Embarcadero Cove, Oakland, California** – Ms. Galloway was a staff engineer on site to oversee the abandonment of existing groundwater monitoring wells and the installation and development of new groundwater monitoring wells. Her responsibilities also included annual groundwater sampling at the site that is known to have been impacted by VOCs, SVOCs, organochlorine pesticides, PCBs, dioxins, and furans from facilities that previously occupied the site that were known to have handled and stored solvents, refined petroleum products, wood, preservatives, pesticides, and herbicides. She also assisted the preparation of the annual report and five year review for the site.
- **Former Apartment Complex Close-Out, Carson, California** – Ms. Galloway was responsible for the oversight of environmental field activities related to the demolition of an existing apartment complex for redevelopment. Field activities included asbestos and lead-based paint surveys and removal, hazardous waste packaging and disposal, geophysical surveys, and air monitoring. Ms. Galloway also prepared close out reports and documents for the site.
- **Former Dry Cleaning Facility, Santa Rosa, California** – Ms. Galloway performed low flow groundwater sampling for quarterly reporting for a site containing both a dry cleaner and a residential apartment building to monitor impacts to the groundwater. The site is known to have existing soil and groundwater impacts from historic use and storage of petroleum products and other hazardous substances on surrounding sites.



- **King's Court Shopping Center, Los Gatos, California** – Ms. Galloway collected groundwater samples for the semi-annual monitoring report, in compliance with a monitoring plan outlined by the California Regional Water Quality Control Board.
- **Wetland Restoration Project, San Francisco, California** – Ms. Galloway reviewed contractor submittals, including dust control, decontamination, soil stabilization, and execution plans for compliance with the project specifications and regulatory requirements and prepared responses to requests for information for the restoration of 26.5 acres of tidal wetland habitat. The site is known to have soil containing naturally occurring asbestos, copper, lead, nickel, zinc, TPH, PAHs, pesticides, and PCBs and some metals impacting groundwater.
- **Sulphur Bank Mercury Mine Superfund Site, Clearlake Oaks, California** – Ms. Galloway was a staff engineer for a site analysis of Sulphur Bank Mercury Mine, a site impacted by metals in the soil as a result of historic mining operations for mercury. Responsibilities included reviewing previous reports; comparing risk based site screening levels; conducting a technical review of past field investigations and data to provide an assessment of background levels of mercury, arsenic, and antimony at the site; and determining the estimated extent of metal-impacted soil as well as the range of appropriate site screening and background levels.

### **Engineering Design**

- **Vapor Barrier System Design for Duplex Development, Los Angeles, California** – Ms. Galloway was one of the engineers responsible for the design of a vapor barrier system to prevent intrusion of VOCs in soil vapor into the development of several residential duplexes. Her work included working with a Principle Engineer to design the system and details and prepare the design drawings. Ms. Galloway also prepared inspections and oversight of the installation of the system.

## **EDUCATION**

B.S., Civil and Environmental Engineering, University of California, Los Angeles, 2009

## **PROFESSIONAL HISTORY**

Northgate Environmental Management, Inc., Project Engineer, January 2015 to date

Northgate Environmental Management, Inc., Staff Engineer, August 2010 to January 2015

Inclendon Consulting Group, Civil Engineer, July 2009 to July 2010

Inclendon Kirk Engineers, Engineering Intern, June to September 2007 and June to September 2008

## **REGISTRATIONS / CERTIFICATIONS**

Professional Engineer, California, No. 83985

OSHA 40-hour HAZWOPER

