



March 18, 2020

State Clearinghouse
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Governor's Office of Planning & Research

MAR 19 2020

STATE CLEARINGHOUSE

CEQA Project: SCH # 2020010227
Lead Agency: California Department of Water Resources
Project Title: Delta Conveyance Project

The Geologic Energy Management Division (Division) oversees the drilling, operation, maintenance, and plugging and abandonment of oil, natural gas, and geothermal wells. Our regulatory program emphasizes the wise development of oil, natural gas, and geothermal resources in the state through sound engineering practices that protect the environment, prevent pollution, and ensure public safety. Northern California is known for its rich gas fields. The maps contained in the Notice of Preparation do not provide adequate detail to determine if existing or plugged and abandoned wells might be in the route or vicinity of the actual tunnel corridors. It is recommended that DWR utilize the Division's well finder resource when more detailed maps are available to ascertain if a well could be affected. <http://maps.conservation.ca.gov/doggr/wellfinder/#close> Data for wells located on private and public land are available at the Division's website: <https://secure.conservation.ca.gov/WellSearch>

The permitting agency(s) and property owner(s) should be aware of, and fully understand, that significant and potentially dangerous issues may be associated with development near oil and gas wells. These issues are non-exhaustively identified in the following comments and are provided by the Division for consideration by the permitting agency, in conjunction with the property owner and/or developer, on a parcel-by-parcel or well-by-well basis.

1. It is recommended that access to a well located on a property be maintained in the event abandonment or re-abandonment of the well becomes necessary in the future. Impeding access to a well could result in the need to remove any structure or obstacle that prevents or impedes access. This includes, but is not limited to, buildings, housing, fencing, landscaping, trees, pools, patios, sidewalks, and decking.

2. Nothing guarantees that a well abandoned to current standards will not start leaking oil, gas, and/or water in the future. It always remains a possibility that any well may start to leak oil, gas, and/or water after abandonment, no matter how thoroughly the well was plugged and abandoned. The Division acknowledges that the wells presently abandoned to current standards have a lower probability of leaking oil, gas, and/or water in the future, but makes no guarantees as to the adequacy of the abandonment or the potential need for future re-abandonment.
3. Based on comments **1** and **2** above, the Division makes the following general recommendations:
 - a. Maintain physical access to all oil and gas wells.**
 - b. Ensure that the abandonment of all oil and gas wells is to current standards.**

If the permitting agency, property owner, and/or developer chooses not to follow recommendation "**b**" for the well located within the project corridors, the Division believes that the importance of following recommendation "**a**" for the well located on the subject property increases. If recommendation "**a**" cannot be followed for the well located on the subject property, then the Division advises the permitting agency, property owner, and/or developer to consider any and all alternatives to proposed construction or development on the site (see comment **4** below).

4. Sections 3208 and 3255(a)(3) of the Public Resources Code give the Division the authority to order the re-abandonment of any well that is hazardous, or that poses a danger to life, health, or natural resources. Responsibility for re-abandonment costs for any well may be affected by the choices made by the permitting agency, property owner, and/or developer in considering the general recommendations set forth in this letter. (Cal. Public Res. Code, § 3208.1.)
5. Maintaining sufficient access to an oil or gas well may be generally described as maintaining "rig access" to the well. Rig access allows a well servicing rig and associated necessary equipment to reach the well from a public street or access way, solely over the parcel on which the well is located. A well servicing rig, and any necessary equipment, should be able to pass unimpeded along and over the route, and should be able to access the well without disturbing the integrity of surrounding infrastructure.

6. The Division recommends that a permitting agency consider the use of surface mitigation measures as a condition for project approval, if and when appropriate. Examples of surface mitigation measures include venting systems for wells, venting systems for parking lots, patios, and other hardscape, methane barriers for building foundations, methane detection systems, and collection cellars for well fluids. The Division **does not** regulate the design, installation, operation, or adequacy of such measures. The Division recommends that such surface mitigation measures are designed, installed, and operated by qualified engineers. The permitting of surface mitigation measures falls under the jurisdiction of the permitting agency.
7. If during the course of development of a parcel any unknown well(s) is discovered, the Division should be notified immediately so that the newly discovered well(s) can be incorporated into the records and investigated.
8. The Division recommends that any soil containing significant amounts of hydrocarbons to be disposed of in accordance with local, state, and federal laws. Please notify the appropriate authorities if soil containing significant amounts of hydrocarbons is discovered during development.
9. The Division recommends that any wells found in the course of this project and any pertinent information obtained after the issuance of this letter, be communicated to the appropriate county recorder for inclusion in the title information of the subject real property. This is to ensure that present and future property owners are aware of (1) the wells located on the property, and (2) potentially significant issues associated with any improvements near oil or gas wells.

No well work may be performed on any oil or gas well without written approval from the Division in the form of an appropriate permit. This includes, but is not limited to, mitigating leaking fluids or gas from abandoned wells, modifications to well casings, and/or any other re-abandonment work. (NOTE: The Division regulates the depth of any well below final grade (depth below the surface of the ground). Title 14, Section 1723.5 of the California Code of Regulations states that all well casings shall be cut off at least 5 feet

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but no more than 10 feet below grade. If any well needs to be lowered or raised (i.e. casing cut down or casing riser added) to meet this grade regulation, a permit from the Division is required before work can start.)

To reiterate, the permitting agency, property owner, and/or developer should be aware of, and fully understand, that the above comments are made by the Division with the intent to encourage full consideration of significant and potentially dangerous issues associated with development near oil or gas wells.

Thank you for the opportunity to comment on this project.

Sincerely,

DocuSigned by:

Charlene L Wardlow

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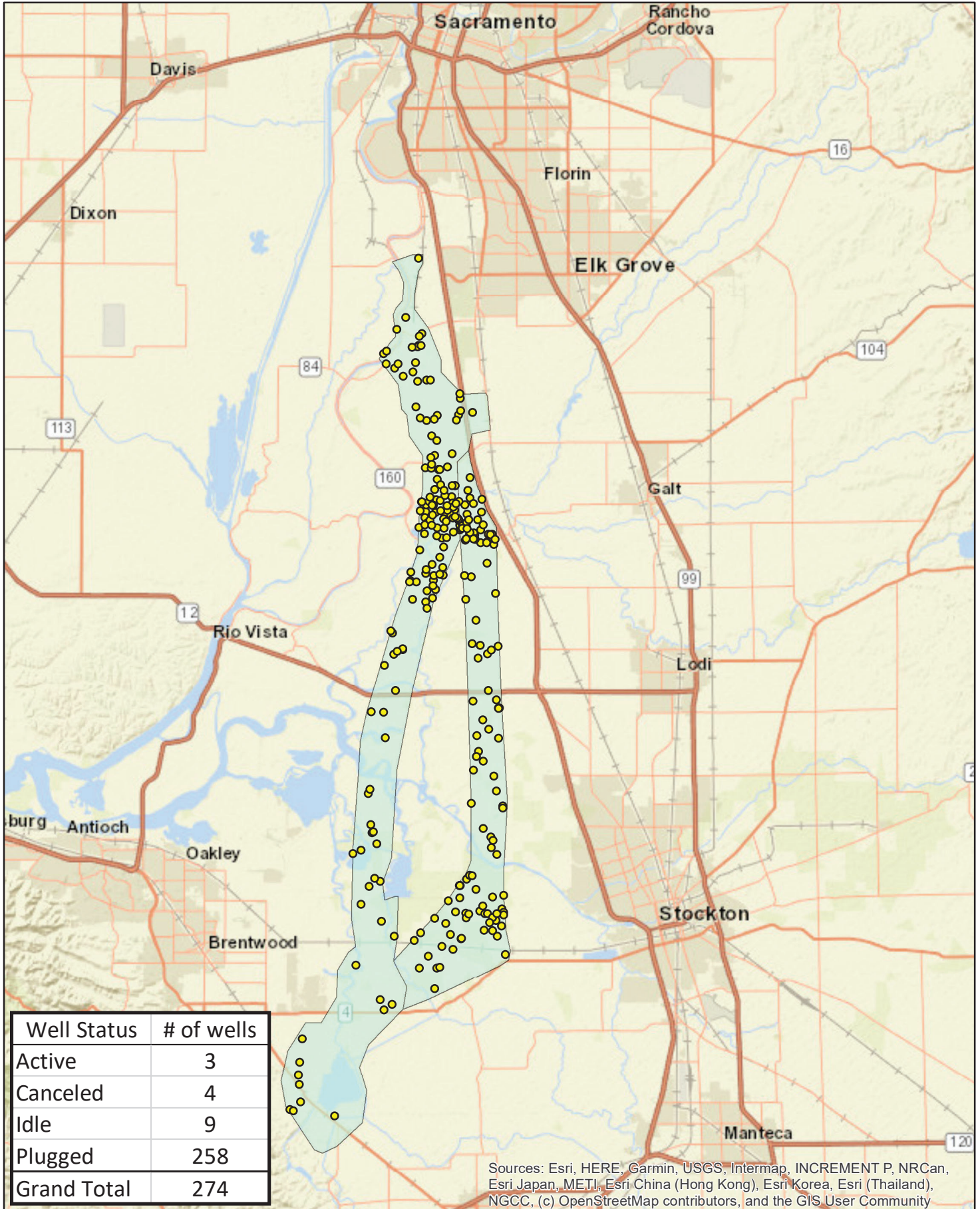
Northern District Deputy

Attachments:

cc: Nancy.Gonzalez-Lopez@nahc.ca.gov



Oil & Gas wells within the Delta Conveyance Project



Well Status	# of wells
Active	3
Canceled	4
Idle	9
Plugged	258
Grand Total	274

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

B		C		D		E		F		G		H		I		L	
1	API	LeaseName	WellNumber	WellStatus	WellType	Operator	OperatorNa	Field	Field	Operator	OperatorNa	Field	Field	CountyName	CountyName	CountyName	CountyName
2	401300226	Sproule	1-2	Plugged	DH	T1400	Tesoro Petroleum Corp.			T1400	Tesoro Petroleum Corp.	Any Field	Any Field	Contra Costa	Contra Costa	Contra Costa	Contra Costa
3	401300231	Sproule	1	Plugged	DH	03915	Helm Co. & Robert Sumpf			03915	Helm Co. & Robert Sumpf	Any Field	Any Field	Contra Costa	Contra Costa	Contra Costa	Contra Costa
4	401300232	Sproule	1	Plugged	DH	C5640	Chevron U.S.A. Inc.			C5640	Chevron U.S.A. Inc.	Any Field	Any Field	Contra Costa	Contra Costa	Contra Costa	Contra Costa
5	401300233	Richfield-Locke	1	Plugged	DH	A4550	Arco Western Energy Co.			A4550	Arco Western Energy Co.	Any Field	Any Field	Contra Costa	Contra Costa	Contra Costa	Contra Costa
6	401300236	ROCO-Hannum Trust	1	Plugged	DH	A4550	Arco Western Energy Co.			A4550	Arco Western Energy Co.	Any Field	Any Field	Contra Costa	Contra Costa	Contra Costa	Contra Costa
7	401300237	Hannum Trust	1	Plugged	DH	07310	Rinde Oil Co.			07310	Rinde Oil Co.	Any Field	Any Field	Contra Costa	Contra Costa	Contra Costa	Contra Costa
8	401300239	ROCO-Hannum Trust	2	Plugged	DH	S1200	Santa Fe Minerals			S1200	Santa Fe Minerals	Any Field	Any Field	Contra Costa	Contra Costa	Contra Costa	Contra Costa
9	401300274	Woodward Island Unit	20-1	Plugged	DH	07260	Reynolds & Carver			07260	Reynolds & Carver	Any Field	Any Field	Contra Costa	Contra Costa	Contra Costa	Contra Costa
10	401320129	Danielson-Moore	1-30	Plugged	DH	U0050	UMC Petroleum Corp.			U0050	UMC Petroleum Corp.	Any Field	Any Field	Contra Costa	Contra Costa	Contra Costa	Contra Costa
11	406700299	Signal-Artnell-Holmes-Whitney	1	Plugged	DH	08990	W. W. Holmes, Operator			08990	W. W. Holmes, Operator	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
12	406700363	Nat. Gas Corp.-Kuhn	1	Plugged	DH	T1800	D. D. Feldman Oil & Gas			T1800	D. D. Feldman Oil & Gas	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
13	406700366	Kent-Humble-McCormack	1	Plugged	DH	04920	Kent Organizations, Inc.			04920	Kent Organizations, Inc.	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
14	406700353	Superior-Kuhn	1-1	Plugged	DH	H1325	Burton W. Hancock			H1325	Burton W. Hancock	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
15	406700354	Herzog Co.	1	Plugged	DH	T3460	Towne Exploration Company, LP			T3460	Towne Exploration Company, LP	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
16	406700398	Hood	1	Plugged	DH	02433	E. L. Doheny, Operator			02433	E. L. Doheny, Operator	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
17	406720022	Kuhn Unit	1	Plugged	DH	K0600	G E Kadane & Sons			K0600	G E Kadane & Sons	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
18	406720024	Wurster Unit	2	Plugged	DH	U0200	Union Oil Company of California			U0200	Union Oil Company of California	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
19	406720029	Wurster Unit	3	Plugged	DH	U0200	Union Oil Company of California			U0200	Union Oil Company of California	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
20	406720032	Kimball	1	Plugged	DH	06286	Norris Oil Company			06286	Norris Oil Company	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
21	406720040	Dierrsen	1	Plugged	DH	A4400	Atlantic Oil Company			A4400	Atlantic Oil Company	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
22	406720051	Union K.G.	1	Plugged	DH	U0200	Union Oil Company of California			U0200	Union Oil Company of California	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
23	406720090	Shultz	1	Plugged	DH	C4900	Monterey Resources, Inc.			C4900	Monterey Resources, Inc.	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
24	406720082	Wurster	1	Plugged	DH	06040	Montara Petro. Co.			06040	Montara Petro. Co.	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
25	406720189	Kuhn	1-6	Plugged	DH	08647	Union Pacific Resources Co.			08647	Union Pacific Resources Co.	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
26	406720211	Dierrsen	1	Plugged	DH	Q0400	Quintana Petroleum Corporation			Q0400	Quintana Petroleum Corporation	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
27	406720273	McCormack	1-1	Plugged	DH	W1700	Western Continental Operating Company			W1700	Western Continental Operating Company	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
28	406720282	McCormack	1-2	Plugged	DH	A1700	Amerada Hess Corp.			A1700	Amerada Hess Corp.	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
29	406720288	McCormack	1-13	Plugged	DH	N0200	Nahama & Weagant Energy Company			N0200	Nahama & Weagant Energy Company	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
30	406720297	McCormack	2-13	Plugged	DH	N0200	Nahama & Weagant Energy Company			N0200	Nahama & Weagant Energy Company	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
31	406720304	Kuhn	4-36	Plugged	DG	F1310	Flying J Oil & Gas Inc.			F1310	Flying J Oil & Gas Inc.	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
32	406720332	Stone Lake	1	Plugged	DH	R4085	Royale Energy, Inc.			R4085	Royale Energy, Inc.	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
33	406720368	Mackay	1	Plugged	DH	T1200	The Termo Company			T1200	The Termo Company	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
34	406720384	Tsakopoulos Unit	27-1	Plugged	DH	S6550	Stream Energy, Inc.			S6550	Stream Energy, Inc.	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
35	406720411	TOG-Delta Ranch	1-35	Plugged	DH	T3725	Transco Oil & Gas, Inc.			T3725	Transco Oil & Gas, Inc.	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
36	406720446	Archer-Wurster	1	Plugged	DG	L2505	Longbow, LLC			L2505	Longbow, LLC	Any Field	Any Field	Sacramento	Sacramento	Sacramento	Sacramento
37	407700001	Allied Properties et al	1	Plugged	DH	U0050	UMC Petroleum Corp.			U0050	UMC Petroleum Corp.	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin
38	407700176	West Coast Life 2	1	Plugged	DH	C5640	Chevron U.S.A. Inc.			C5640	Chevron U.S.A. Inc.	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin
39	407700415	Delta Unit	1	Plugged	DH	00891	BP Exploration U.S.A. Inc.			00891	BP Exploration U.S.A. Inc.	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin
40	407700418	Signal-Allied Properties	1	Plugged	DH	R1700	S. M. Reynolds, Opr.			R1700	S. M. Reynolds, Opr.	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin
41	407700419	A.P.	4-11	Plugged	DH	S3100	Shell Western E&P Inc.			S3100	Shell Western E&P Inc.	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin
42	407700420	Allied Properties	1	Plugged	DH	07534	S. I. Corp.			07534	S. I. Corp.	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin
43	407700421	Thorpe	1	Plugged	DH	08840	W. B. Osborn, Jr.			08840	W. B. Osborn, Jr.	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin
44	407700422	Pacific States	1	Plugged	DH	C5640	Chevron U.S.A. Inc.			C5640	Chevron U.S.A. Inc.	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin
45	407700423	Salyer A	1	Plugged	DH	P3100	Phillips Petroleum Company			P3100	Phillips Petroleum Company	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin
46	407700425	Borden	1	Plugged	DH	A1700	Amerada Hess Corp.			A1700	Amerada Hess Corp.	Any Field	Any Field	San Joaquin	San Joaquin	San Joaquin	San Joaquin

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47	407700463	Mandeville Island	1	Plugged	DH	A4550	Arco Western Energy Co.	Any Field	San Joaquin
48	407700464	Mandeville Island	1	Plugged	DH	S3100	Shell Western E&P Inc.	Any Field	San Joaquin
49	407700465	Shell-Varni	1-20	Plugged	DH	G2900	Great Basins Petroleum Co.	Any Field	San Joaquin
50	407700467	Victor Leonardini et al	1	Plugged	DH	E3700	Exxon Mobil Corporation	Any Field	San Joaquin
51	407700468	Shell-Allied Properties	1-8	Plugged	DH	G2900	Great Basins Petroleum Co.	Any Field	San Joaquin
52	407700427	Joe Silva, et al	1	Plugged	DH	E3700	Exxon Mobil Corporation	Any Field	San Joaquin
53	407700428	Kern-Lower Jones Gas Unit	1	Plugged	DH	07288	Richard S. Rheem, Operator	Any Field	San Joaquin
54	407700431	Kuckuk	1-16	Plugged	DH	06280	Nordon Corp. Ltd.	Any Field	San Joaquin
55	407700472	Wellington	1	Plugged	DH	08972	W. S. Payne, Jr., Oper.	Any Field	San Joaquin
56	407700499	Signal-West Cal Can	5	Plugged	DH	R1700	S. M. Reynolds, Opr.	Any Field	San Joaquin
57	407700500	West. Cal. Can.	1	Plugged	DH	P3100	Phillips Petroleum Company	Any Field	San Joaquin
58	407700501	Venice Island	1	Plugged	DH	02359	E. C. Brown, Operator	Any Field	San Joaquin
59	407700503	Lake Oil Co.	1	Plugged	DH	L0850	Layne Oil Co.	Any Field	San Joaquin
60	407700511	Core Hole G. & P.	1	Plugged	CH	A1700	Amerada Hess Corp.	Any Field	San Joaquin
61	407700512	Pereira et al Unit	1	Plugged	DH	00910	Brazos Oil and Gas Company	Any Field	San Joaquin
62	407700525	Sesnon-New Hope	1	Plugged	DH	06901	Porter Sesnon, Operator	Any Field	San Joaquin
63	407700527	Canal Ranch Unit One	1	Plugged	DH	C5640	Chevron U.S.A. Inc.	Any Field	San Joaquin
64	407700530	Patterson Construction Co.	1	Plugged	DH	02359	E. C. Brown, Operator	Any Field	San Joaquin
65	407720047	Milton & Towne	1	Plugged	DH	C5640	Chevron U.S.A. Inc.	Any Field	San Joaquin
66	407720063	Brazos-Harden	1-5	Plugged	DH	08990	W. W. Holmes, Operator	Any Field	San Joaquin
67	407720092	Mandeville-Getty	1	Plugged	DH	07260	Reynolds & Carver	Any Field	San Joaquin
68	407720095	Ensher et al	1	Plugged	DH	V1150	Venoco, LLC	Any Field	San Joaquin
69	407720099	Wellington	2	Plugged	DH	E0600	Ebert & Brandt	Any Field	San Joaquin
70	407720106	M & T	7	Plugged	DH	U0200	Union Oil Company of California	Any Field	San Joaquin
71	407720126	Harden Farms	1	Plugged	DH	H4300	Hickerson Oil Company	Any Field	San Joaquin
72	407720131	Ritchie	1	Plugged	DH	U0200	Union Oil Company of California	Any Field	San Joaquin
73	407720144	Riverview Investment Co.	1	Plugged	DH	E3700	Exxon Mobil Corporation	Any Field	San Joaquin
74	407720145	Mantelli	1	Plugged	DH	A4550	Arco Western Energy Co.	Any Field	San Joaquin
75	407720151	Lease by Arcady Oil Company	3	Plugged	DH	A3400	Arcady Oil Company	Any Field	San Joaquin
76	407720157	Zuckerman	1-21	Plugged	DH	U0050	UMC Petroleum Corp.	Any Field	San Joaquin
77	407720262	Cities Service-Allied Properti	1	Plugged	DH	D3925	The Dow Chemical Company	Any Field	San Joaquin
78	407720304	Allied Properties	2	Plugged	DH	A4550	Arco Western Energy Co.	Any Field	San Joaquin
79	407720313	CPC-Zuckerman-Mandeville	1	Plugged	DH	D3925	The Dow Chemical Company	Any Field	San Joaquin
80	407720328	Allied Properties	A-1	Plugged	DH	H4400	Hilliard Oil & Gas, Inc.	Any Field	San Joaquin
81	407720329	Allied Properties	B-1	Plugged	DH	H4400	Hilliard Oil & Gas, Inc.	Any Field	San Joaquin
82	407720354	Big Valley-Finkbohner	1	Plugged	DH	N0600	Natural Gas Corp. of Calif.	Any Field	San Joaquin
83	407720356	Lease by Chevron U.S.A. Inc.	1	Plugged	DH	C5640	Chevron U.S.A. Inc.	Any Field	San Joaquin
84	407720358	Warren, et al	1-20	Plugged	DH	U0050	UMC Petroleum Corp.	Any Field	San Joaquin
85	407720396	Nard	1	Plugged	DH	A4400	Atlantic Oil Company	Any Field	San Joaquin
86	407720419	Zuckerman-Mandeville	1-4	Plugged	DH	A4550	Arco Western Energy Co.	Any Field	San Joaquin
87	407720426	Pacific	41-5-1	Plugged	DH	P1050	PanCanadian Petroleum Company	Any Field	San Joaquin
88	407720427	Highlands-Transamerica et al	1-13	Plugged	DH	C4850	Channel Exploration Company	Any Field	San Joaquin
89	407720495	Riverview Inv. Co.	1	Plugged	DH	S7200	Oryx Energy Company	Any Field	San Joaquin
90	407720497	Mildred Island	1-34	Plugged	DH	Q0400	Quintana Petroleum Corporation	Any Field	San Joaquin
91	407720521	Darsie	1	Plugged	DH	J1930	Vern Jones Oil & Gas Corp.	Any Field	San Joaquin
92	407720537	White Slough Unit	1	Plugged	DH	A3650	Arkoma Production Company of California	Any Field	San Joaquin

B	C	D	E	F	G	H	I	L	
93	407720538	Pellegrini	1-32	Plugged	DH	C5640	Chevron U.S.A. Inc.	Any Field	San Joaquin
94	407720546	Agresources	1-32	Plugged	DH	C2000	Capitol Oil Corporation	Any Field	San Joaquin
95	407720549	Roventa Corp.	17-1	Plugged	DH	B3540	Benton Oil & Gas	Any Field	San Joaquin
96	407720566	Ripken	21-1	Plugged	DH	E2935	EOG Resources, Inc.	Any Field	San Joaquin
97	407720578	Thompson	6-21	Plugged	DH	C4385	Genex Inc.	Any Field	San Joaquin
98	407720583	Rizzi	1	Plugged	DH	A1700	Amerada Hess Corp.	Any Field	San Joaquin
99	407720585	Whiskey Slough	1-7	Plugged	DH	S6550	Stream Energy, Inc.	Any Field	San Joaquin
100	407720586	Live Oak Investors	1-32	Plugged	DH	G0825	Coastal Oil and Gas Corporation	Any Field	San Joaquin
101	407720599	Pacific Realty	1-13	Plugged	DH	E2935	EOG Resources, Inc.	Any Field	San Joaquin
102	407720654	DW	33-1	Plugged	DG	S6550	Stream Energy, Inc.	Any Field	San Joaquin
103	407720678	Victoria Island Farms	1	Plugged	DG	A0150	ABA Energy Corporation	Any Field	San Joaquin
104	407720702	CMI New Hope	1	Plugged	DG	C2850	Castle Minerals	Any Field	San Joaquin
105	407720725	RTP	1-21	Plugged	DG	F1376	Foothill Energy, LLC	Any Field	San Joaquin
106	411300314	Greene Unit	1	Plugged	DH	U0200	Union Oil Company of California	Any Field	Yolo
107	411320327	Arco Bogle	1	Plugged	DH	C4900	Monterey Resources, Inc.	Any Field	Yolo
108	411320613	Merritt Greene Well	1	Plugged	DH	D3925	The Dow Chemical Company	Any Field	Yolo
109	407720735	Morais	16-2	Canceled	DG	P4675	Princeton Natural Gas, LLC	East Islands	San Joaquin
110	407720737	Morais	16-2	Idle	DG	P4675	Princeton Natural Gas, LLC	East Islands	San Joaquin
111	407720515	Van Exel	16-1	Plugged	DH	F1505	Fountain Oil And Gas Co.	East Islands	San Joaquin
112	407720511	Morais	16-1	Idle	DG	G2010	Gold Coast Holdings, LLC	East Islands	San Joaquin
113	407720512	Stevens	16-1	Plugged	DG	E2935	EOG Resources, Inc.	East Islands	San Joaquin
114	406720526	Archer-Whitney	F-2	Canceled	DG	A3426	Archer Operations, California, LLC	Hood-Frank	Sacramento
115	406720530	Galen	1	Plugged	GAS	A3426	Archer Operations, California, LLC	Hood-Frank	Sacramento
116	406720403	Archer-Whitney	1	Active	DG	A3426	Archer Operations, California, LLC	Hood-Frank	Sacramento
117	406720414	Archer-Widlands	1	Plugged	GAS	L2505	Longbow, LLC	Hood-Frank	Sacramento
118	406720447	Archer-Tsakopoulos	1	Plugged	DG	L2505	Longbow, LLC	Hood-Frank	Sacramento
119	406720425	Archer-Whitney	F-1	Idle	DG	P2335	PEOCO, LLC	Hood-Frank	Sacramento
120	407720688	Citizen Green	1	Active	DG	D2412	Diversified Resources, LLC	King Island	San Joaquin
121	407700076	Tilden Community	2	Plugged	GAS	N0600	Natural Gas Corp. of Calif.	McDonald	San Joaquin
122	407700077	Mabrey Community	1	Plugged	GAS	P0300	Pacific Gas and Electric Company	McDonald	San Joaquin
123	407700090	Tilden Community	1	Idle	GS	P0300	Pacific Gas and Electric Company	McDonald	San Joaquin
124	407720699	PG&E	1	Plugged	DG	A0150	ABA Energy Corporation	McDonald	San Joaquin
125	407720572	G.P. Dohrmann	1	Plugged	DG	C0885	California Resources Production Corporation	McDonald	San Joaquin
126	407720580	Podesta	1	Plugged	DH	A1700	Amerada Hess Corp.	McDonald	San Joaquin
127	407720716	PG&E	1-5	Plugged	DG	A0150	ABA Energy Corporation	McDonald	San Joaquin
128	407720504	N. Roberts Island	1	Plugged	GAS	N0010	Dalen Resources Oil & Gas Co.	McDonald	San Joaquin
129	407720523	Roberts Island	2	Idle	GS	P0300	Pacific Gas and Electric Company	McDonald	San Joaquin
130	407720524	Roberts Island	1	Idle	GS	P0300	Pacific Gas and Electric Company	McDonald	San Joaquin
131	407700426	Giuseppe Podesta, et al	1	Plugged	DH	E3700	Exxon Mobil Corporation	McDonald	San Joaquin
132	407720028	Podesta	1	Plugged	DH	A4400	Atlantic Oil Company	McDonald	San Joaquin
133	407720096	Merriam-Transamerica	1	Plugged	DH	D1000	J. L. Davis	McDonald	San Joaquin
134	407720024	Del Carlo	1	Plugged	GAS	P0300	Pacific Gas and Electric Company	McDonald	San Joaquin
135	407720630	Jackson et al	1	Idle	DG	P4675	Princeton Natural Gas, LLC	Rindge Trac	San Joaquin
136	407720627	Bank of Stockton	1	Plugged	DG	A0150	ABA Energy Corporation	Rindge Trac	San Joaquin
137	407720474	Spalletta	1	Plugged	DH	G0355	G-W Resources Oper. Co.	Rindge Trac	San Joaquin
138	407700469	Allied Properties	1	Plugged	DH	A4400	Atlantic Oil Company	Rindge Trac	San Joaquin

B	C	D	E	F	G	H	I	L
139	407700470	Pacific States	1	Plugged	DH	S3100	Shell Western E&P Inc.	Rindge Trac San Joaquin
140	407700471	Rindge Tract	1	Plugged	DH	A3400	Arcady Oil Company	Rindge Trac San Joaquin
141	407700003	Milton & Towne	1	Plugged	GAS	U0200	Union Oil Company of California	River Island San Joaquin
142	407720732	Pacific	1-3	Active	DG	S4561	Source Energy Corp.	River Island San Joaquin
143	407700534	Canal Ranch	1	Plugged	DH	06072	Mormac Oil & Mining Co.	River Island San Joaquin
144	407700139	Brazos-Sunray M & T	3	Plugged	GAS	00910	Brazos Oil and Gas Company	River Island San Joaquin
145	407700140	Brazos-Sunray M & T	4	Plugged	DH	00910	Brazos Oil and Gas Company	River Island San Joaquin
146	407700143	M & T Inc.	1	Plugged	DH	E3700	Exxon Mobil Corporation	River Island San Joaquin
147	407700146	Staten Island	2	Plugged	DH	S3100	Shell Western E&P Inc.	River Island San Joaquin
148	407700151	M. & T. Inc.	1	Plugged	DH	08126	Sun Oil Company	River Island San Joaquin
149	407700152	Milton & Towne A	1	Plugged	GAS	T3460	Towne Exploration Company, LP	River Island San Joaquin
150	407700153	Milton & Towne A	2	Plugged	DH	E2935	EOG Resources, Inc.	River Island San Joaquin
151	407720153	M & T	8	Plugged	DH	08126	Sun Oil Company	River Island San Joaquin
152	407720031	Milton & Towne A	4	Plugged	DH	E2935	EOG Resources, Inc.	River Island San Joaquin
153	407720036	Milton & Towne A	5	Plugged	DG	T3460	Towne Exploration Company, LP	River Island San Joaquin
154	407720080	M & T	6	Plugged	DH	U0200	Union Oil Company of California	River Island San Joaquin
155	407720001	Milton & Towne A	3	Plugged	DG	E2935	EOG Resources, Inc.	River Island San Joaquin
156	407720276	Delta	1	Plugged	DG	U0200	Union Oil Company of California	River Island San Joaquin
157	407720310	South Fork	1	Plugged	GAS	U0200	Union Oil Company of California	River Island San Joaquin
158	407720525	Narducci	17-1	Plugged	DG	C0885	California Resources Production Corporation	River Island San Joaquin
159	407720644	Pacific	1	Plugged	DG	C0885	California Resources Production Corporation	River Island San Joaquin
160	407720696	Pacific	2	Plugged	DG	C0885	California Resources Production Corporation	River Island San Joaquin
161	407720598	Pacific Realty	1-12	Plugged	GAS	C0885	California Resources Production Corporation	River Island San Joaquin
162	407720596	Gamble	3-24	Plugged	DH	V1150	Venoco, LLC	River Island San Joaquin
163	407720593	Pacific Realty	1-11	Plugged	DH	E2935	EOG Resources, Inc.	River Island San Joaquin
164	407720564	Delta	23-1	Plugged	GAS	C2000	Capitol Oil Corporation	River Island San Joaquin
165	407720561	Delta	2	Plugged	DG	C2000	Capitol Oil Corporation	River Island San Joaquin
166	407720717	Gallo	1	Plugged	DG	A0150	ABA Energy Corporation	Roberts Isla San Joaquin
167	407720632	Speckman	1-4	Plugged	DG	C0885	California Resources Production Corporation	Roberts Isla San Joaquin
168	407720352	Speckman	5-4	Plugged	DG	A3400	Arcady Oil Company	Roberts Isla San Joaquin
169	407720051	Cusumano	5-1	Plugged	DH	A3400	Arcady Oil Company	Roberts Isla San Joaquin
170	407720058	Cusumano	5-2	Plugged	Multi	A3400	Arcady Oil Company	Roberts Isla San Joaquin
171	407720174	Well	4-4	Plugged	DH	A3400	Arcady Oil Company	Roberts Isla San Joaquin
172	407700158	Holt	1-9	Plugged	DH	A3400	Arcady Oil Company	Roberts Isla San Joaquin
173	407700161	Raggio	1	Plugged	DG	A3400	Arcady Oil Company	Roberts Isla San Joaquin
174	407700165	Speckman	1-9	Plugged	DH	A3400	Arcady Oil Company	Roberts Isla San Joaquin
175	407700166	Speckman	2-9	Plugged	GAS	A3400	Arcady Oil Company	Roberts Isla San Joaquin
176	407700169	George Speckman et al	1	Plugged	DH	E3700	Exxon Mobil Corporation	Roberts Isla San Joaquin
177	406700355	Zacharias et al	1	Plugged	DH	H1325	Burton W. Hancock	Snodgrass S Sacramento
178	406700291	Barnes	1	Plugged	DH	01073	C. D. Howe	Thornton G Sacramento
179	407720267	Dinelli-Blossom-McGillivray	1	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton G San Joaquin
180	407720331	Chevron-Blossom-Community	1-29	Plugged	DH	08647	Union Pacific Resources Co.	Thornton G San Joaquin
181	407700181	Dinelli	1	Plugged	DH	00243	Allison & Prestridge	Thornton G San Joaquin
182	407700182	Blossom Community	1	Plugged	DH	A1700	Amerada Hess Corp.	Thornton G San Joaquin
183	407700189	McGillivray Community	1	Plugged	GAS	A1800	Amerada Hess Corp., Operator	Thornton G San Joaquin
184	407700198	Brazos-McGillivray	1	Plugged	DH	02359	E. C. Brown, Operator	Thornton G San Joaquin

B	C	D	E	F	G	H	I	L
185	407700199	Lenci Unit	2	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
186	407700201	Lenci Unit	1	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
187	407700202	Klein et al Unit	2	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
188	407700203	Klein et al Unit	1	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
189	407700204	Cowell Matthias P.A.	1	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
190	407700205	Cowell Foundation	4	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
191	407700206	Cowell Foundation	3	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
192	407700207	Cowell Foundation	2	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
193	407700208	H.D. Towne Unit	7	Plugged	DG	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
194	407700209	H.D. Towne Unit	6	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
195	407700210	H.D. Towne Unit	5	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
196	407700211	H.D. Towne Unit	4	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
197	407700212	H.D. Towne Unit	3	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
198	407700213	H.D. Towne Unit	2	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
199	407700214	Patterson Unit	3	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
200	407700215	Patterson Unit	2	Plugged	DG	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
201	407700216	Patterson Construction Co.	1	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
202	407700217	Maberto	1	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
203	407700218	Burchell	2	Plugged	DH	04144	Hunnicut & Camp Drilling Co.	Thornton, V San Joaquin
204	407700219	Blossom Community	7	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
205	407700220	Blossom Community	6	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
206	407700221	Blossom Community	5	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
207	407700222	Blossom Community	4	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
208	407700223	Blossom Community	3	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
209	407700224	Blossom Community	2	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
210	407700225	Blossom Community	1	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
211	407700226	Goldman	1	Plugged	DH	P3100	Phillips Petroleum Company	Thornton, V San Joaquin
212	407700227	South Thornton Unit	3	Plugged	GAS	02433	E. L. Doheny, Operator	Thornton, V San Joaquin
213	407700228	S.T.U. Goldman	2	Plugged	DH	02433	E. L. Doheny, Operator	Thornton, V San Joaquin
214	407700229	Amaro	3	Plugged	DH	D1950	John N. Dewitt, Operator	Thornton, V San Joaquin
215	407700230	Silva Unit	3	Plugged	DH	C2000	Capitol Oil Corporation	Thornton, V San Joaquin
216	407700231	Silva Unit	2	Plugged	DH	C2000	Capitol Oil Corporation	Thornton, V San Joaquin
217	407700232	Silva Unit	1	Plugged	GAS	C2000	Capitol Oil Corporation	Thornton, V San Joaquin
218	407700233	Doheny-South Thornton Unit	4	Plugged	DH	C2000	Capitol Oil Corporation	Thornton, V San Joaquin
219	407700234	H.D. Towne Unit	1	Plugged	DH	02359	E. C. Brown, Operator	Thornton, V San Joaquin
220	407700235	Burchell et al Unit	1	Plugged	GAS	00910	Brazos Oil and Gas Company	Thornton, V San Joaquin
221	407700236	Amaro	2	Plugged	GAS	00910	Brazos Oil and Gas Company	Thornton, V San Joaquin
222	407700237	Amaro	1	Plugged	GAS	00910	Brazos Oil and Gas Company	Thornton, V San Joaquin
223	407720161	Dinelli-Patterson-Towne	1	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton, V San Joaquin
224	407720555	Patterson	31-4	Plugged	DH	E2935	EOG Resources, Inc.	Thornton, V San Joaquin
225	407720584	McCormack	1-36	Idle	DG	C0885	California Resources Production Corporation	Thornton, V San Joaquin
226	407720606	Blossom	1	Plugged	DG	R4085	Royale Energy, Inc.	Thornton, V San Joaquin
227	407720612	Hilton-Blossom	1-32	Plugged	GAS	R4085	Royale Energy, Inc.	Thornton, V San Joaquin
228	407720718	Cowell Foundation et al	1	Plugged	DG	K0670	Kelpetro Operating, Inc.	Thornton, V San Joaquin
229	407720714	CMI Gianelli	2	Plugged	DG	C2850	Castle Minerals	Thornton, V San Joaquin
230	407720557	Blossom	32-1	Plugged	DH	E2935	EOG Resources, Inc.	Thornton, V San Joaquin

	B	C	D	E	F	G	H	I	L
231	407720431	T.P. Unit	2	Plugged	DG	T1715	TXO Production Corp.	Thornton, V	San Joaquin
232	407720432	TP Unit	3	Plugged	DH	T1715	TXO Production Corp.	Thornton, V	San Joaquin
233	407720422	T.P. Unit	1	Plugged	DG	T1715	TXO Production Corp.	Thornton, V	San Joaquin
234	406720459	WG Land Co	36-1	Idle	DG	S6550	Stream Energy, Inc.	Thornton, V	Sacramento
235	406720355	Moby Grape	1	Canceled	GAS	P4733	Production Specialties Company	Thornton, V	Sacramento
236	406720393	Wilson	1	Plugged	DH	P4733	Production Specialties Company	Thornton, V	Sacramento
237	407700005	Milton & Towne	2	Plugged	GAS	U0200	Union Oil Company of California	Thornton, V	San Joaquin
238	407700006	Leiske	1	Plugged	GAS	U0200	Union Oil Company of California	Thornton, V	San Joaquin
239	407700007	Leiske	2	Plugged	GAS	C2850	Castle Minerals	Thornton, V	San Joaquin
240	407700010	Leiske	3	Plugged	GAS	U0200	Union Oil Company of California	Thornton, V	San Joaquin
241	406720292	Volz	1	Plugged	GAS	A1700	Amerada Hess Corp.	Thornton, V	Sacramento
242	406720294	RDR McCormack-Williamson	1-24	Plugged	DH	A0150	ABA Energy Corporation	Thornton, V	Sacramento
243	406720290	McCormack	2-24	Plugged	DG	E2625	Enerfin Resources Northwest Limited Partnership	Thornton, V	Sacramento
244	406720287	McCormack	2-19	Plugged	GAS	E2625	Enerfin Resources Northwest Limited Partnership	Thornton, V	Sacramento
245	406720285	McCormack	1-19	Plugged	DG	E2625	Enerfin Resources Northwest Limited Partnership	Thornton, V	Sacramento
246	406720283	McCormack	1-24	Plugged	DG	E2625	Enerfin Resources Northwest Limited Partnership	Thornton, V	Sacramento
247	406720275	McCormack	1-24	Plugged	GAS	F1260	Fleet Oil Co.	Thornton, V	Sacramento
248	406720277	Chevron-West Thornton	1	Plugged	DG	B4735	Black Mountain Oil Co.	Thornton, V	Sacramento
249	406720330	Big Booty	1-30	Plugged	GAS	L0728	Lario Oil & Gas Co.	Thornton, V	Sacramento
250	406720331	Big Gulp	1-30	Canceled	GAS	L0728	Lario Oil & Gas Co.	Thornton, V	Sacramento
251	406720143	Unit Line Well	3	Plugged	DG	U0200	Union Oil Company of California	Thornton, V	Sacramento
252	406700029	Walnut Grove Unit A	2	Plugged	DG	U0200	Union Oil Company of California	Thornton, V	Sacramento
253	406700343	McCormack-Williamson	16	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
254	406700261	Walnut Grove Unit A	3	Plugged	DG	U0200	Union Oil Company of California	Thornton, V	Sacramento
255	406700262	Walnut Grove Unit A	1	Plugged	DG	U0200	Union Oil Company of California	Thornton, V	Sacramento
256	406700267	Wilson-McCall	3	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
257	406700268	Wilson-McCall	2	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
258	406700269	Wilson-McCall	1	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
259	406700271	McCormack-Williamson	17	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
260	406700272	McCormack-Williamson	15	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
261	406700273	McCormack-Williamson	14	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
262	406700274	McCormack-Williamson	12	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
263	406700275	McCormack-Williamson	11	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
264	406700276	McCormack-Williamson	10	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
265	406700277	McCormack-Williamson	9	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
266	406700278	McCormack-Williamson	8	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
267	406700279	McCormack-Williamson	7	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
268	406700280	McCormack-Williamson	6	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
269	406700281	McCormack-Williamson	5	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
270	406700282	McCormack-Williamson	4	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
271	406700283	McCormack-Williamson	3	Plugged	DG	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
272	406700284	McCormack-Williamson	2	Plugged	DH	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
273	406700286	McCormack-Williamson	1	Plugged	GAS	C5640	Chevron U.S.A. Inc.	Thornton, V	Sacramento
274	406700289	McCormack	1	Plugged	DH	E3700	Exxon Mobil Corporation	Thornton, V	Sacramento
275	406700015	Locke Unit 1	2	Plugged	DG	U0200	Union Oil Company of California	Thornton, V	Sacramento