

SILVERTHREAD AREA OJAI OIL FIELD

ANNELIESE ANDERLE, PE
PETROLEUM ENGINEER
OCTOBER 20, 2015

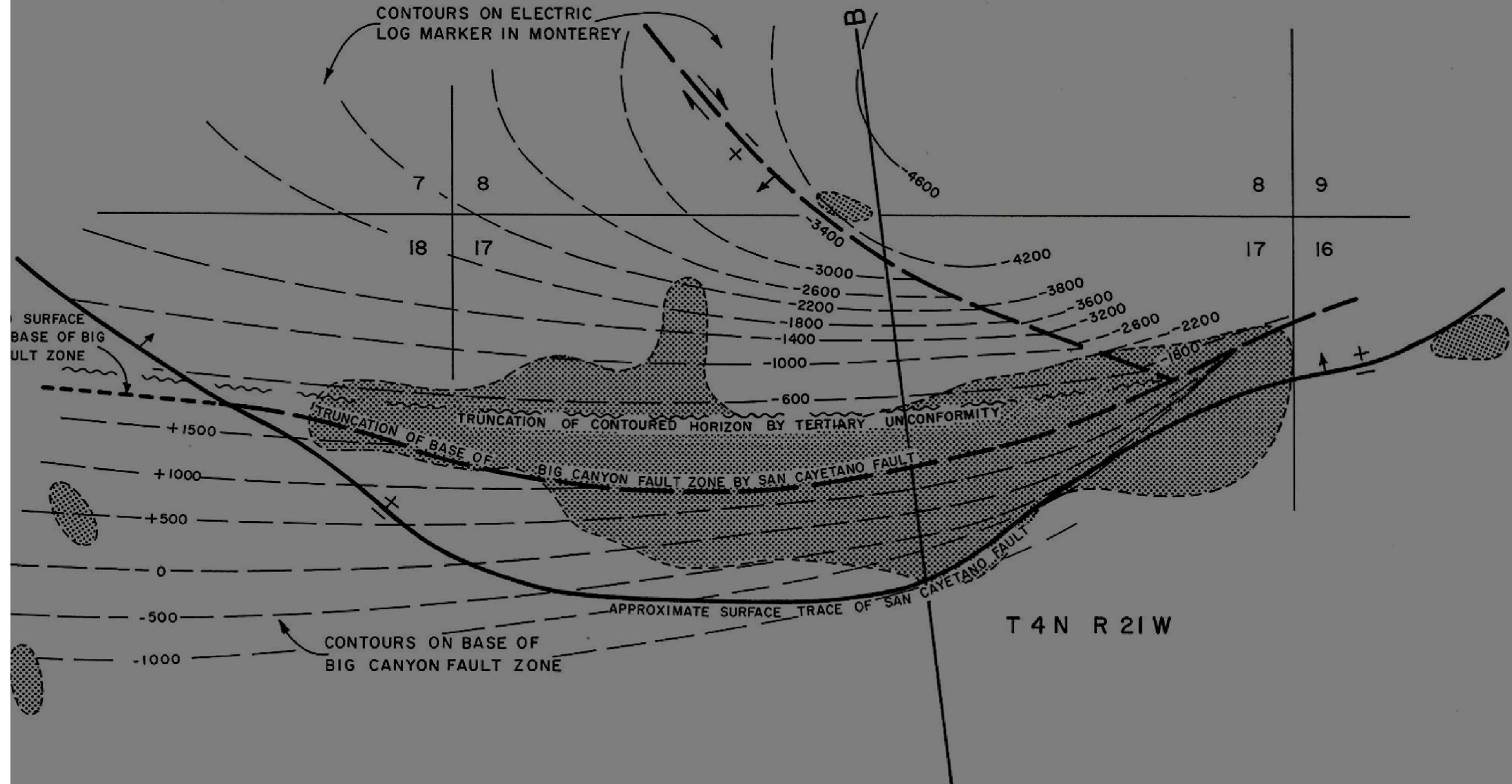


Thomas Aquinas College Thomas Aquinas College

Google earth

Imagery Date: 5-1-2015 Lat: 34.432002° Lon: -119.085499° Alt: 1120 ft Eye alt: 9890 ft

Silverthread Area



Map navigation controls:

- Home icon
- Bookmark icon
- Layers icon
- Navigation arrow icon
- Zoom in (+)
- Zoom level (10)
- Zoom out (-)



5/1/2015

DRILL PAD 1

206 ft

Google e

1994

Imagery Date: 5/1/2015 lat: 34.433779° lon: -119.085807° elev: 1009 ft eye alt: 1009 ft

211TD

DRILL PAD

214TD

279 ft



DRILL PAD 3

Google earth

Imagery Date: 5/1/2015 lat: 34.429306° lon: -119.082052° elev: 1191 ft eye alt: 2252 ft



Google earth

Imagery Date: 5/1/2015 lat: 34.436655° lon: -119.082701° elev: 1460 ft eye alt: 4071 ft

712TD

717TD

716TD

API: 11121492 Oper: Vintage Prod California LLC V1370 Opr Status: A County: Ventura



Field: Ojai 520 Lease: Ferndale Well#: 712

[Get Well Map](#)

Area: Silverthread Area 12 District: 2 Section: 9 Twn: 4N Rng: 21W BM: SB

[Get Well Record](#)

Pool: Miocene 10 Well Type: OG Well Status: Idle BLM:

Entry: 1/1/1990 Pool Status: Idle

Volume Vs. Month/Year



API: 11121492 Oper: Vintage Prod California LLC V1370 Opr Status: A County: Ventura

Field: Ojai 520 Lease: Ferndale Well#: 712

Area: Silverthread Area 12 District: 2 Section: 9 Twn: 4N Rng: 21W BM: SB

Pool: Miocene 10 Well Type: OG Well Status: Idle BLM:

Entry: 1/1/1990 Pool Status: Idle

07/1995	06	0	0	0	0	32.5	60	60	0	3	0
06/1995	06	0	0	0	0	32.5	60	60	0	3	0
05/1995	06	0	0	0	0	32.5	60	60	0	3	0
04/1995	06	0	0	0	0	32.5	60	60	0	3	0
03/1995	06	0	0	0	0	32.5	60	60	0	3	0
02/1995	06	0	0	0	0	32.5	60	60	0	3	0
01/1995	06	0	0	0	0	32.5	60	60	0	3	0
Total 1995		0	0	0	0						
12/1994	06	0	0	0	0	32.5	60	60	0	3	0
11/1994	06	0	0	0	0	32.5	60	60	0	3	0
10/1994	00	59	24	14	66	32.1	60	60	1100	3	6
09/1994	00	158	35	30	140	32.0	60	60	1161	3	6
08/1994	00	157	28	31	160	32.2	60	60	1161	3	6
07/1994	00	184	26	31	152	32.1	60	60	1209	3	6
06/1994	00	179	38	30	135	31.9	60	60	1158	3	6
05/1994	00	181	38	31	128	32.0	60	60	1150	3	6
04/1994	00	176	39	30	114	32.2	60	60	1150	3	6
03/1994	00	180	37	31	106	32.3	60	60	1140	3	6
02/1994	00	137	30	28	69	32.2	60	60	1140	3	6
01/1994	00	158	35	31	146	32.5	60	60	1140	3	5
Total 1994		1,569	330	287	1,216						
12/1993	00	136	38	31	124	32.3	60	60	1140	3	5
11/1993	00	130	27	30	100	31.9	60	60	1133	3	5
10/1993	00	166	34	31	217	32.3	60	60	1120	3	5
09/1993	00	201	29	30	195	32.4	60	60	1135	3	5

Division of Oil, Gas & Geol... x Well Info x County of Ventura - Agend... x Ventura County Planning... x Planning Commission Hea... x Planning Commission Hea... x County of Ventura - Agend... x +

opi.consrv.ca.gov/opi/opi.dll/WellFrame?UsrP_ID=100100100&PWT_ID=100011183&PWT_WellTypeCode=OG&StartRow=1&SortFields=WMtr_APINumber&NewSortFields=WMtr_OperatorWellNumber&FormStack=&PriorState=WMtr_A Google

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API: 11121563 Oper: Vintage Prod California LLC V1370 Opr Status: A County: Ventura

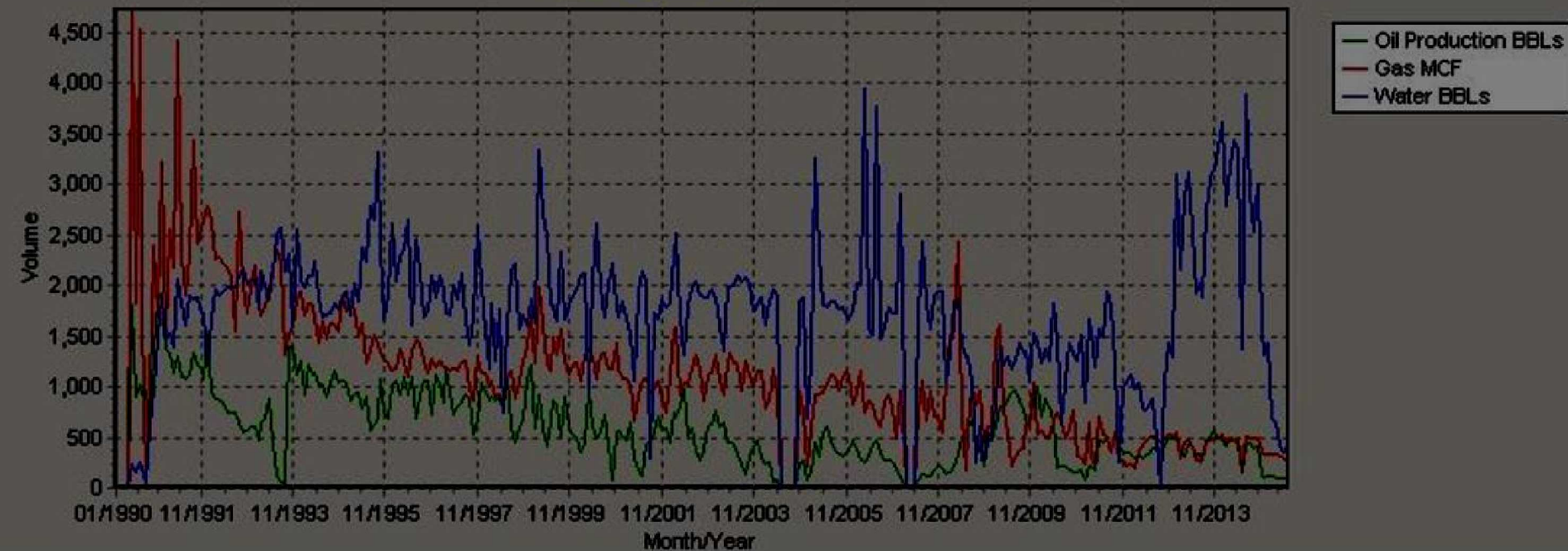
Field: Ojai 520 Lease: Ferndale Well#: 716

Area: Silverthread Area 12 District: 2 Section: 9 Twn: 4N Rng: 21W BM: SB

Pool: Miocene 10 Well Type: OG Well Status: Active BLM:

Entry: 1/1/1990 Pool Status: Active

Volume Vs. Month/Year



API: 11121563 Oper: Vintage Prod California LLC V1370 Opr Status: A County: Ventura



Field: Ojai 520 Lease: Ferndale Well#: 716

[Get Well Map](#)

Area: Silverthread Area 12 District: 2 Section: 9 Twn: 4N Rng: 21W BM: SB

[Get Well Record](#)

Pool: Miocene 10 Well Type: OG Well Status: Active BLM:

Entry: 1/1/1990 Pool Status: Active

▼Date▲	Stat	Oil(bbl)	Water(bbl)	Days	Gas (Mcf)	Gravity	Csg	Tbg	BTU	MO	Disp
06/2015	00	81	414	30	263	30.7	90	90	1171	3	
05/2015	00	92	361	31	293	30.6	90	90	1173	3	
04/2015	00	90	422	30	312	30.5	90	90	1169	3	
03/2015	00	101	646	31	339	31.1	90	90	1168	3	
02/2015	00	121	689	28	339	30.8	90	90	1168	3	
01/2015	00	124	1,437	31	335	30.8	90	90	1171	3	
Total 2015		609	3,969	181	1,881						
12/2014	00	89	1,321	31	339	31.0	90	90	1177	3	
11/2014	00	146	1,563	30	374	30.8	93	95	1176	3	
10/2014	00	411	3,002	31	493	30.9	93	95	1176	3	
09/2014	00	402	2,527	30	499	30.8	75	80	1175	3	
08/2014	00	453	2,912	31	490	30.4	75	80	1175	3	
07/2014	00	412	3,892	31	508	30.8	80	80	1172	3	
06/2014	00	162	1,380	13	203	30.4	80	80	1157	3	
05/2014	00	434	3,360	31	494	30.6	80	80	1173	3	
04/2014	00	464	3,436	30	470	30.9	80	80	1205	3	
03/2014	00	481	3,171	31	466	32.2	85	85	1175	3	
02/2014	00	403	2,794	28	461	30.7	85	85	1174	3	
01/2014	00	465	3,605	31	523	30.8	80	80	1149	3	
Total 2014		4,322	32,963	348	5,320						
12/2013	00	490	3,351	31	491	30.7	80	80	1149	3	

API: 11121569 Oper: Vintage Prod California LLC V1370 Opr Status: A County: Ventura

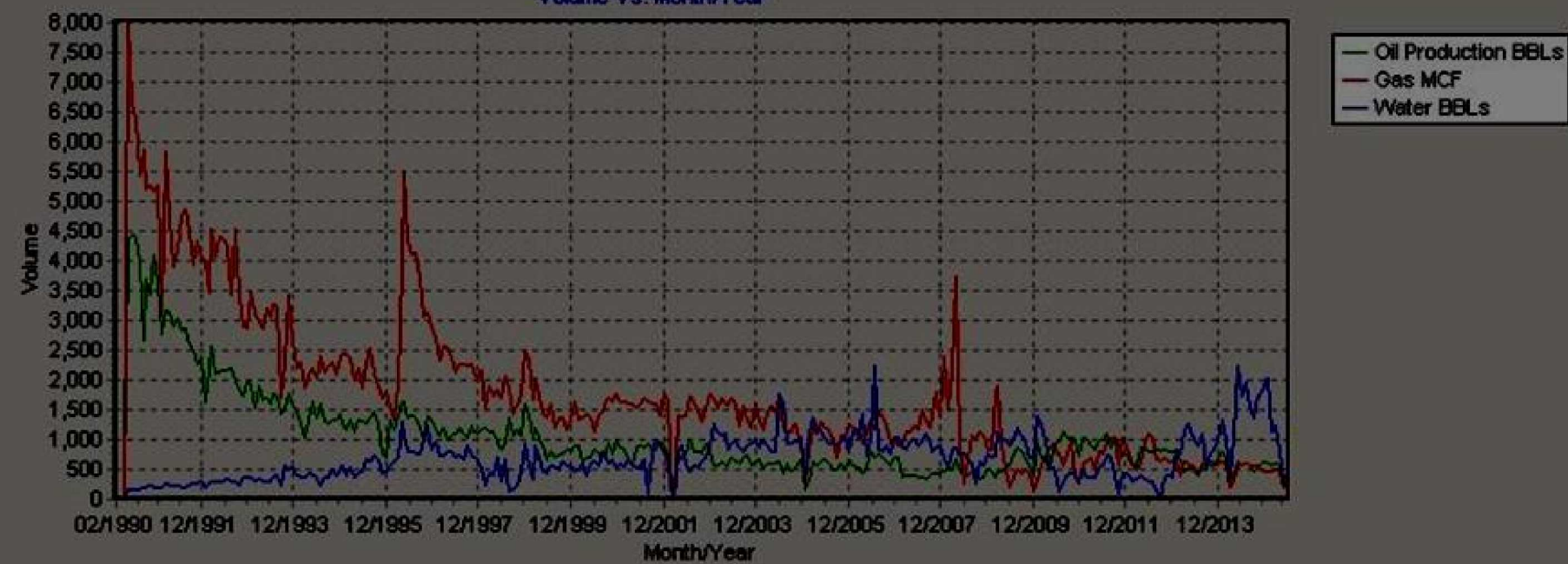
Field: Ojai 520 Lease: Ferndale Well#: 717

Area: Silverthread Area 12 District: 2 Section: 9 Twn: 4N Rng: 21W BM: SB

Pool: Miocene 10 Well Type: OG Well Status: Active BIM:

Entry: 2/1/1990 Pool Status: Active

Volume Vs. Month/Year



API: 11121569 Oper: Vintage Prod California LLC V1370 Opr Status: A County: Ventura

Field: Ojai 520 Lease: Ferndale Well#: 717

Area: Silverthread Area 12 District: 2 Section: 9 Twn: 4N Rng: 21W BM: SB

Pool: Miocene 10 Well Type: OG Well Status: Active BLM:

▼ Date ▲	Stat	Oil(bbl)	Water(bbl)	Days	Gas (Mcf)	Gravity	Csg	Tbg	BTU	MO
06/2015	00	298	479	18	231	30.7	85	85	1171	3
05/2015	00	241	300	14	186	30.6	85	85	1173	3
04/2015	00	554	824	30	458	30.5	85	85	1169	3
03/2015	00	601	1,236	31	490	31.1	75	90	1168	3
02/2015	00	562	1,119	28	458	30.8	75	75	1168	3
01/2015	00	585	2,038	31	458	30.8	75	75	1171	3
Total 2015		2,841	5,996	152	2,281					
12/2014	00	619	1,890	31	481	31.0	75	75	1177	3
11/2014	00	564	1,737	30	515	30.8	75	80	1176	3
10/2014	00	541	1,721	31	580	30.9	88	90	1176	3
09/2014	00	474	1,368	30	578	30.8	70	70	1175	3
08/2014	00	572	1,582	31	567	30.4	65	65	1175	3
07/2014	00	588	1,968	31	584	30.8	65	65	1172	3
06/2014	00	555	1,746	30	581	30.4	80	80	1157	3
05/2014	00	619	2,219	31	585	30.6	90	90	1173	3
04/2014	00	430	1,050	17	302	31.0	85	85	1205	3
03/2014	00	286	370	11	189	32.2	85	85	1175	3
02/2014	00	713	986	28	558	30.7	85	85	1174	3
01/2014	00	811	1,319	31	633	30.8	80	80	1149	3
Total 2014		6,772	17,956	332	6,153					
12/2013	00	676	1,000	31	594	30.7	80	80	1149	3
11/2013	00	566	837	30	592	30.7	80	80	1149	3
10/2013	00	583	775	31	625	30.5	80	80	1150	3
09/2013	00	591	491	30	603	30.7	70	85	1150	3

Resources Code.

§ 1773.5. Out-of-Service Production Facility Requirements

(a) Within six months after the determination that a production facility is Out-of-Service, the following shall be required:

(1) Out-of-Service production facilities shall have fluids, sludge, hydrocarbons, and solids removed and shall be disconnected from any pipelines and other in-service equipment.

(2) Out-of-Service production facilities shall be properly degassed in accordance with local air district requirements.

(3) Clean-out doors or hatches on Out-of-Service tanks shall be removed and a heavy gauge steel mesh grating (less than 1" spacing) shall be secured over the opening to allow for visual inspection and prevent unauthorized access.

(4) Out-of-Service tanks and vessels shall be labeled with Out-of-Service or OOS. "Out-of-Service" or "OOS" shall be painted in bold letters at least one foot high, if possible, on the side of the tank or vessel at least five feet from the ground surface, or as high as possible, along with the date it was taken out

colored so as to mask the facilities from the surrounding environment and uses in the area. Said colors shall also take into account such additional factors as heat buildup and designation of danger areas. Said colors shall be approved by the Planning Director prior to painting of facilities.

Sec. 8107-5.6.10 - Site Maintenance

The permit area shall be maintained in a neat and orderly manner so as not to create any hazardous or unsightly conditions such as debris; pools of oil, water, or other liquids; weeds; brush; and trash. Equipment and materials may be stored on the site which are appurtenant to the operation and maintenance of the oil well located thereon. If the well has been suspended, idled or shut-in for 30 days, as determined by the Division of Oil and Gas, all such equipment and materials shall be removed within 90 days.

Sec. 8107-5.6.11 - Site Restoration

Within 90 days of revocation, expiration or surrender of any permit, or abandonment of the use, the permittee shall restore and revegetate the premises to as nearly its original condition as is practicable, unless otherwise requested by the landowner.

Sec. 8107-5.6.12 - Insurance

The permittee shall maintain, for the life of the permit, liability insurance of not

