

Table 7. All wells with elevations of base Fernando (Tfl), top Soquel (Tps) and faults (WF and PWF)

Well-ID	Apinumber	Map	Status	Source	Operator	Lease	Well No.	Sec	Twn	Rge	X-coord	Y-coord	Bm	Field	TD	WF	WF-d1	WF-d2	PWF	PWF-d1	Tps	Tps-d1	Tps-d2	Tps-est	Tfl	Tfl-d1	Tfl-d2	Tfl-d3	Tfl-d4	
1452	3711617	106	8	gps	Aera Energy LLC	Puente	D-4	34	2S	10W	-117.919	33.956	SB	BREA-OLINDA			-147													
1453	3711614	106	15	hud	Aera Energy LLC	Puente	D-1	34	2S	10W	-117.920	33.956	SB	BREA-OLINDA			-156					-4050	-3620			-1815				
1455	3716454	106	15	hud	Aera Energy LLC	Puente	A-4	34	2S	10W	-117.910	33.956	SB	BREA-OLINDA			-1597													
1456	3711630	106	8	gps	Aera Energy LLC	Puente	D-17	34	2S	10W	-117.919	33.956	SB	BREA-OLINDA			-166													
1473	3711615	106	14	hud	Aera Energy LLC	Puente	D-2	34	2S	10W	-117.919	33.957	SB	BREA-OLINDA			-1102	-3269												
1477	3711618	106	14	hud	Aera Energy LLC	Puente	D-5	34	2S	10W	-117.918	33.957	SB	BREA-OLINDA			-1125													
8019	5907773	106	6	hud	Seacoast Oil Co.	Wardman	1	3	3S	10W	-117.910	33.942	SB	BREA-OLINDA	5824														-5050	
1529	5905377	106	36	gps	Union Oil Co. of California	Hole	61	23	3S	10W	-117.906	33.893	SB	COYOTE EAST	8674							-6395								
1565	5905368	106	8	gps	Union Oil Co. of California	Hole	51	22	3S	10W	-117.907	33.895	SB	COYOTE EAST	7445							-5850								
1576	5904875	106	6	hud	Pyramid Oil Co.	Strain	1	24	3S	10W	-117.883	33.896	SB	COYOTE EAST	5776														-5350	
1585	5904535	106	14	gps	Union Oil Co. of California	Toussau	3	22	3S	10W	-117.918	33.896	SB	COYOTE EAST	6457							-4717							-4480	
1643	5905342	106	8	hud	Union Oil Co. of California	Hole	25	23	3S	10W	-117.903	33.897	SB	COYOTE EAST															-4285	
1653	5904891	106	14	gps	Union Oil Co. of California	Coyote 2	16	22	3S	10W	-117.907	33.897	SB	COYOTE EAST	6925							-5725							-4470	
1656	5905422	106	14	gps	Union Oil Co. of California	Toussau	6	22	3S	10W	-117.918	33.897	SB	COYOTE EAST	6400							-4928							-4740	
1660	5904993	106	136	hud	Union Oil Co. of California	Stern Realty	12	22	3S	10W	-117.911	33.898	SB	COYOTE EAST	9506							-5706							-4506	
1673	5905122	106	8	gps	Union Oil Co. of California	Hole	3	23	3S	10W	-117.898	33.898	SB	COYOTE EAST															-4049	
1675	5905393	106	136	gps	Union Oil Co. of California	Northwest Unit	2	22	3S	10W	-117.922	33.898	SB	COYOTE EAST	6522							-5345							-4980	
1696	5905395	106	14	hud	Union Oil Co. of California	Sunny Hills	3	21	3S	10W	-117.929	33.898	SB	COYOTE EAST															-5644	
1722	5904972	106	8	gps	Union Oil Co. of California	Hualde Fee	21	23	3S	10W	-117.892	33.899	SB	COYOTE EAST															-4135	
1733	5904986	106	136	gps	Union Oil Co. of California	Stern Realty	5A	22	3S	10W	-117.907	33.899	SB	COYOTE EAST	6947							-6000								
1737	5905426	106	14	gps	Union Oil Co. of California	Toussau	10	22	3S	10W	-117.918	33.899	SB	COYOTE EAST	6400							-5287							-5060	
1744	5904959	106	9	gps	Union Oil Co. of California	Hualde Fee	7	23	3S	10W	-117.890	33.899	SB	COYOTE EAST	7962							-5994							-4214	
1745	5905015	106	6	hud	Padre Oil Co.	Tuffree	1-19	19	3S	9W	-117.866	33.899	SB	COYOTE EAST	7050							-5900								
1750	5904807	106	14	hud	Pacific American Oil Co.	E. Coyote	1	24	3S	10W	-117.883	33.899	SB	COYOTE EAST														-4750		
1751	5904913	106	6	hud	Chevron U.S.A. Inc.	Lenke Trustee	1	20	3S	9W	-117.854	33.899	SB	COYOTE EAST	6500							-5840							-3490	
1756	5905001	106	14	hud	Pyramid Oil Co.	Wright	1	19	3S	9W	-117.859	33.900	SB	COYOTE EAST															-3615	
1768	5905002	106	14	hud	Pyramid Oil Co.	Wright	2	19	3S	9W	-117.858	33.900	SB	COYOTE EAST															-3575	
1783	5905409	106	136	hud	Union Oil Co. of California	Northwest Unit	18	21	3S	10W	-117.924	33.900	SB	COYOTE EAST	6302							-5720							-5440	
1784	5900053	106	136	hud	Union Oil Co. of California	Northwest Unit	1	22	3S	10W	-117.923	33.900	SB	COYOTE EAST	6784							-5718							-5400	
1795	5905429	106	14	hud	Union Oil Co. of California	Toussau Mausoleum	1	22	3S	10W	-117.919	33.900	SB	COYOTE EAST	6495								-5757					-5350		
1844	5905405	106	14	hud	Union Oil Co. of California	Sunny Hills	12	22	3S	10W	-117.922	33.902	SB	COYOTE EAST	6447							-5818								
1851	5904821	106	14	hud	Union Oil Co. of California	Anaheim Union-B	9	24	3S	10W	-117.881	33.903	SB	COYOTE EAST															-4060	
1870	5904792	106	14	hud	Chiksan Oil Co. Ltd.	Basten	1	19	3S	9W	-117.859	33.903	SB	COYOTE EAST															-3550	
1926	5905093	106	14	gps	Union Oil Co. of California	Graham-Loftus	1	18	3S	9W	-117.868	33.905	SB	COYOTE EAST	9248							-6000							-3720	
1927	5904777	106	14	hud	ARCO Oil and Gas Co.	Edwards	1	15	3S	10W	-117.920	33.905	SB	COYOTE EAST	9591							-6121							-5753	
1949	5905078	106	14	hud	Union Oil Co. of California	Anaheim Union Water	1	13	3S	10W	-117.880	33.906	SB	COYOTE EAST															-3860	
1967	5904919	106	14	hud	Chevron U.S.A. Inc.	Robertson	7	18	3S	9W	-117.861	33.906	SB	COYOTE EAST															-3940	
1976	5905110	106	14	gps	Union Oil Co. of California	Graham-Loftus	59	18	3S	9W	-117.870	33.907	SB	COYOTE EAST															-3820	
1978	5905083	106	14	hud	Union Oil Co. of California	Anaheim Union Water	6	13	3S	10W	-117.879	33.907	SB	COYOTE EAST															-3920	
1987	5904918	106	14	hud	Chevron U.S.A. Inc.	Robertson	6	18	3S	9W	-117.861	33.907	SB	COYOTE EAST															-3820	
1998	5905111	106	14	hud	Union Oil Co. of California	Graham-Loftus	60	13	3S	10W	-117.875	33.908	SB	COYOTE EAST															-3930	
2004	5905084	106	14	hud	Union Oil Co. of California	Anaheim Union Water	7	13	3S	10W	-117.878	33.909	SB	COYOTE EAST															-4040	
2045	5905685	105	6	hud	Chevron U.S.A. Inc.	Sunny Hill	1	21	3S	10W	-117.940	33.900	SB	COYOTE WEST	7847							-7455							-6104	
2111	5905613	105	136	gps	Chevron U.S.A. Inc.	Murphy-Coyote	284	20	3S	10W	-117.942	33.902	SB	COYOTE WEST															-6350	
2146	5900060	105	136	gps	Chevron U.S.A. Inc.	Murphy-Coyote	164	20	3S	10W	-117.946	33.902	SB	COYOTE WEST															-6100	
2207	3706504	105	14	gps	Chevron U.S.A. Inc.	Emery	92	13	3S	11W	-117.977	33.903	SB	COYOTE WEST	12048							-6650								
2314	5904627	105	14	gps	Chevron U.S.A. Inc.	Murphy-Coyote	129	18	3S	10W	-117.970	33.905	SB	COYOTE WEST															-5587	
2315	5905605	105	14	gps	Chevron U.S.A. Inc.	Murphy-Coyote	275	18	3S	10W	-117.959	33.905	SB	COYOTE WEST															-5900	
2466	5920684	105	6	gps	Chevron U.S.A. Inc.	Murphy-Coyote	373	18	3S	10W	-117.974	33.908	SB	COYOTE WEST	13104							-7120							-6270	
2535	5905530	W1-4	14	hud	Petrominerals Corp.	Anaheim Union Water Co.	3	19	3S	8W	-117.752	33.895	SB	ESPERANZA	2495								-1345							

Table 7. All wells with elevations of base Fernando (Tfl), top Soquel (Tps) and faults (WF and PWF)																															
Well-ID	Apinumber	Map	Status	Source	Operator	Lease	Well No.	Sec	Twn	Rge	X-coord	Y-coord	Bm	Field	TD	WF	WF-d1	WF-d2	PWF	PWF-d1	Tps	Tps-d1	Tps-d2	Tps-est	Tfl	Tfl-d1	Tfl-d2	Tfl-d3	Tfl-d4		
3192	3712262	103	14	hud	ARCO Oil and Gas Co.	Ciocca	1	5	2S	11W	-118.061	34.024	SB	MONTEBELLO												-5260					
3205	3711912	103	6	hud	Chevron U.S.A. Inc.	Scott Investment	2-1	1	2S	12W	-118.086	34.024	SB	MONTEBELLO	8708											-5650					
3210	3712263	103	6	hud	ARCO Oil and Gas Co.	Ciocca	2	5	2S	11W	-118.059	34.025	SB	MONTEBELLO	5966											-5275					
3223	3712315	103	14	hud	Chevron U.S.A. Inc.	P	2	6	2S	11W	-118.065	34.025	SB	MONTEBELLO												-5630					
3239	3712512	103	6	hud	Texaco Inc.	Ciocca	1	5	2S	11W	-118.057	34.026	SB	MONTEBELLO	10182	-7400										-4174					
3378	3712781	103	14	hud	Texaco	Puma Briano	6	6	2S	11W	-118.068	34.028	SB	MONTEBELLO												-5092					
3518	3710792	103	36	gps	Stocker Resources Inc.	Baldwin	72-A	1	2S	12W	-118.082	34.030	SB	MONTEBELLO												-5350					
3666	3712976	105	9	hud	Deuel Petroleum/Geo Petroleum	Newgate Unit A	1	9	3S	11W	-118.034	33.931	SB	NEWGATE												-8205					
3696	5900863	W1-6	6	hud	ARCO Oil and Gas Co.	Peralta Hills	1	3	4S	9W	-117.808	33.848	SB	Orange Co	4605											-488					
3708	5901248	W1-6	6	hud	Texaco	Seaboard-Univ Christensen	1	5	4S	9W	-117.840	33.857	SB	Orange Co	5110											-4035					
3712	5901257	108	6	hud	Texaco	Ibbetson	1	35	3S	9W	-117.796	33.862	SB	Orange Co	3358											-2040					
3713	5900996	W1-4	6	hud	H. L. Harvill	Harvill	1	32	3S	8W	-117.746	33.865	SB	Orange Co	4165							-770									
3716	na	108	6	hud	Texaco Inc.	Vejar	1	35	3S	9W	-117.794	33.865	SB	Orange Co	3564							-2773				-1151					
3722	5901288	108	6	hud	Wheelock Collins & Abercrombie	J. C. Travis	1	31	3S	8W	-117.757	33.873	SB	Orange Co	3152											-2758					
3724	5901238	W1-4	6	hud	Texaco	Carrillo Ranch	1	30	3S	8W	-117.753	33.875	SB	Orange Co	4507							-2575									
3735	5900870	W1-4	6	hud	Wm A. Bartholomae	Bartholomae Auw	1	30	3S	8W	-117.749	33.882	SB	Orange Co	3175								-2500								
3745	5901254	W1-4	6	hud	Texaco	Bryant Ranch	2	27	3S	8W	-117.711	33.886	SB	Orange Co	6286							-1590									
3750	5901068	108	6	tkb	Mobil Oil Corp.	Vejar	1	26	3S	9W	-117.794	33.875	SB	Orange Co	4422											-1155					
3754	5901253	W1-4	6	hud	Texaco	Bryant Ranch	1	21	3S	8W	-117.721	33.894	SB	Orange Co	5913							40									
3759	5901182	105	6	hud	Chevron U.S.A. Inc.	Stern Community 2	1	7	3S	10W	-117.975	33.918	SB	Orange Co	11725							-8442									
3765	5900983	106	6	hud	Texaco	Brea Community	2-1	11	3S	10W	-117.896	33.921	SB	Orange Co	8520											-6013					
3766	5900972	105	6	hud	Dunlap-Apex & Associates	Dunlap-Apex	1	7	3S	10W	-117.966	33.924	SB	Orange Co	8860										-8950	-7588					
3768	5900994	106	6	hud	Hamilton and Sherman	Union Stewart Fee	54-10	10	3S	10W	-117.914	33.925	SB	Orange Co	8027											-6334					
3774	5901110	106	6	hud	Max Pray	La Habra Community	1	4	3S	10W	-117.927	33.942	SB	Orange Co	7700											-7149					
3775	5906675	106	6	hud	CalResources LLC	Keeler Comm.	1	6	3S	9W	-117.861	33.944	SB	Orange Co	8104				-6000												
7922	5901115	W1-5	6	hud	Richard S. Rheem	Placentia Fruit Company	1	25	3S	10W	-117.878	33.879	SB	Orange Co	8404							-7627				-5977					
7924	5901067	W1-5	6	hud	Mobil Oil Corp.	Rimpau	1	13	3S	9W	-117.779	33.914	SB	Orange Co	4865									2600							
7925	5901140	W1-5	6	hud	CalResources LLC	Olinda Fee Four	56-14	14	3S	9W	-117.791	33.908	SB	Orange Co	7603								-5650								
7926	5901141	W1-5	6	hud	CalResources LLC	Olinda Fee Four	47-14	14	3S	9W	-117.792	33.906	SB	Orange Co	7695								-5250								
7927	5901139	W1-5	6	hud	CalResources LLC	Olinda Fee Four	25-14	14	3S	9W	-117.797	33.912	SB	Orange Co	7304								-4850								
7928	5920472	W1-5	6	hud	CalResources LLC	Olinda Four	539	14	3S	9W	-117.796	33.908	SB	Orange Co	6520			-2328													
7930	5901151	W1-5	6	hud	South Basin Oil Co.		103	24	3S	9W	-117.778	33.890	SB	Orange Co	4775							-4055									
8008	5900982	W1-5	6	hud	General Exploration Co.	Marshburn	1	23	3S	9W	-117.798	33.895	SB	Orange Co	5466											-2105					
8011	5901188	W1-5	6	hud	Chevron U.S.A. Inc.	Waite-Kenney	6	23	3S	9W	-117.786	33.899	SB	Orange Co	6686											-430					
8012	5901200	W1-5	6	hud	CalResources LLC	Core Hole	O.L.C.-A	23	3S	9W	-117.796	33.902	SB	Orange Co	3478											-1290					
7931	na	W1-5	6	tkb	Union Oil of California	Reyes	1	24	3S	9W	-117.775	33.902	SB	Orange County	3600							-2730									
3800	5906103	108	6	hud	Spook Oil Co.	Stockwell Pool	1	33	3S	9W	-117.819	33.862	SB	RICHFIELD	6287										-4692	-3322					
3811	5906220	108	6	hud	Chevron U.S.A. Inc.	Southeast Richfield Unit	1	34	3S	9W	-117.802	33.865	SB	RICHFIELD	4400										-3454	-1807					
3814	5906080	108	6	hud	Drilling & Expl Co. Inc.	Drilexco-State-Bennett	1	32	3S	9W	-117.847	33.865	SB	RICHFIELD	5854										-5108	-3900					
3815	5906548	108	C008	gps	Saba Petroleum Inc.	Redu	ZW12	33	3S	9W	-117.831	33.865	SB	RICHFIELD	4840										-3766	-2696					
3818	5906046	108	6	hud	Christopher Oil Co.	A.U.W.	1	32	3S	9W	-117.843	33.865	SB	RICHFIELD	5660										-4803	-3515					
3836	5906229	108	C008	gps	Saba Petroleum Inc.	Redu (Stern 1)	Z3	32	3S	9W	-117.837	33.867	SB	RICHFIELD	4985										-3922	-2872					
3840	5906587	108	6	hud	Pacific Central Oil Co.	Boisseranc	1	34	3S	9W	-117.809	33.867	SB	RICHFIELD	4356										-3972	-2142					
3866	5906271	108	14	hud	Texaco	Dowling	1	31	3S	9W	-117.861	33.868	SB	RICHFIELD	8115										-6707	-5167					
3872	5906272	108	14	hud	Texaco	Dowling	2	31	3S	9W	-117.858	33.868	SB	RICHFIELD	8094										-6406	-4906					
3877	5906608	108	C014	hud	Saba Petroleum Inc.	Redu (formerly Richfield 19)	Y51	33	3S	9W	-117.823	33.868	SB	RICHFIELD	4450										-3975	-1915					
3906	5906536	108	6	hud	L. M. Lockhart	Budlong	1	34	3S	9W	-117.804	33.869	SB	RICHFIELD	6302										-3822	-1752					
3951	5907342	108	14	hud	Union Oil Co. of California	Yorba Linda Grp (Edwards 1)	14	34	3S	9W	-117.817	33.870	SB	RICHFIELD	3840											-1890					
3980	5906237	108	14	hud	C. F. Sudduth	Wetzel	18	32	3S	9W	-117.841	33.871	SB	RICHFIELD	5150								-4280			-3120					
4010	5906277	108	6	hud	Texaco	Kraemer	1	31	3S	9W	-117.868	33.871	SB	RICHFIELD	8510										-7224	-6004					

Table 7. All wells with elevations of base Fernando (Tfl), top Soquel (Tps) and faults (WF and PWF)																															
Well-ID	Apinumber	Map	Status	Source	Operator	Lease	Well No.	Sec	Twn	Rge	X-coord	Y-coord	Bm	Field	TD	WF	WF-d1	WF-d2	PWF	PWF-d1	Tps	Tps-d1	Tps-d2	Tps-est	Tfl	Tfl-d1	Tfl-d2	Tfl-d3	Tfl-d4		
6945	3721646	104	8	hud	Venoco Inc.	Mitchell Energy Corp	W-7	16	2S	11W	-118.042	33.995	SB	WHITTIER			-902										-3231	-5873			
6969	3718573	104	14	hud	Rothschild Oil Co.	Grey	1	17	2S	11W	-118.054	34.000	SB	WHITTIER		-323															
6974	3718571	104	14	hud	Rothschild Oil Co.	Atlas	1	17	2S	11W	-118.054	34.000	SB	WHITTIER		-1018															
6976	3718572	104	14	hud	Rothschild Oil Co.	Atlas	2	17	2S	11W	-118.055	34.001	SB	WHITTIER		-740															
6982	3700132	104	15	hud	P J & P M Pace Trustees	Aeco-Pellissier	3	17	2S	11W	-118.052	34.001	SB	WHITTIER												-5800					
6988	3718412	104	9	gps	P J & P M Pace Trustees	Aeco-Pellissier	1	17	2S	11W	-118.052	34.002	SB	WHITTIER												-6106					
6990	3718574	104	14	hud	Rothschild Oil Co.	Pellissier	1	17	2S	11W	-118.055	34.002	SB	WHITTIER		-2100															
6995	3722001	104	7	hud	Venoco Inc.	Mitchell Energy Corp	S-23	17	2S	11W	-118.051	34.003	SB	WHITTIER		-1404															
6997	3721912	104	9	gps	Venoco Inc.	Mitchell Energy Corp	S-19	17	2S	11W	-118.051	34.003	SB	WHITTIER			-2645														
7000	3721941	104	9	gps	Venoco Inc.	Mitchell Energy Corp	S-22	17	2S	11W	-118.051	34.003	SB	WHITTIER			-2580														
7001	3721934	104	9	gps	Venoco Inc.	Mitchell Energy Corp	S-21	17	2S	11W	-118.051	34.003	SB	WHITTIER			-3746					-7275									
7008	3717996	104	6	hud	Sun Exploration	Baldwin	1	11	2S	11W	-118.004	34.008	SB	Whittier Heights N	2983							-500									
7019	3717993	104	6	hud	Exxon Corp.	Baldwin C	1	11	2S	11W	-117.997	34.013	SB	Whittier Heights N	4297											-150					
7020	3717997	104	6	hud	Crown Central Petroleum Corp.	Baldwin	1	11	2S	11W	-117.999	34.016	SB	Whittier Heights N	4681							-2950				-550					
7022	5900923	107	6	hud	Union Oil Co. of California	Thompson	1	21	3S	9W	-117.834	33.889	SB	YORBA LINDA	4667											-2749					
7067	5900591	107	6	hud	Pyramid Oil Co.	Merritt	1	21	3S	9W	-117.831	33.896	SB	YORBA LINDA	5727											-3113					
7118	5900625	107	14	hud	Harold C. Ramser	Y.J.O.G.	1	21	3S	9W	-117.823	33.898	SB	YORBA LINDA												-2830					
7149	5900913	107	6	hud	Skylark Manufacturing Co. Inc.	Howe	1	22	3S	9W	-117.806	33.899	SB	YORBA LINDA	4340											-2150					
7628	5920406	107	8	gps	Aera Energy LLC	Olinda Fee Four	508	15	3S	9W	-117.812	33.905	SB	YORBA LINDA	8560							-7650				-2200					
7704	5900652	107	14	gps	Aera Energy LLC	Olinda Fee Four	7-15	15	3S	9W	-117.818	33.906	SB	YORBA LINDA												-2400					
7795	5900632	107	6	hud	Aera Energy LLC	Core Hole	J	16	3S	9W	-117.825	33.909	SB	YORBA LINDA	4911											-2870					

Note: All depths in feet. See Table 8 for explanation of well status column. Columns with "d" in heading contain elevations in directional wells with their subsurface locations offset from surface locations of wells. Those wells in which the Soquel is partially eroded but for which restored elevations of the top of the Soquel have been estimated are in the column, "Tps-est".