



Water Analysis  
7/22/2014

API#05-123-34142

Location	Sample Date	pH	CO2T	H2ST	Chloride	Conductivity	Alk T	Sulfate	Phosphorus	Silica	Silicon	Sodium	Calcium	Magnesium	Barium	Strontium	Manganese	Fe	Potassium	Zinc	Total Hardness	TDS	Specific Gravity	Anion/Cation Ratio	Density
ADAMS 41-10H	6/9/14	6.3	40	0.7	15282.89	30.21	130.00	3.90	0.15	86.37	40.36	9231.99	410.09	55.34	45.92	68.16	0.29	22.33	55.14	0.23	1364.37	25392.65	1.02	1.01	8.48
ANDERSON 31-10H	6/9/14	6.3	40	0.7	19383.33	32.85	110.00	2.18	0.22	32.44	15.16	11060.00	588.82	76.12	69.28	93.69	0.29	18.52	62.43	0.14	1942.90	31497.22	1.02	1.05	8.51
BROWN 13-2H	6/9/14	6.3	35	1.3	16738.91	46.44	165.00	0.00	0.13	43.72	20.43	10120.96	379.47	57.50	54.20	63.95	0.27	22.24	61.54	0.11	1297.94	27707.88	1.02	1.01	8.49
BROWN 2F-202	6/9/14	6.5	33	0.8	13440.62	30.05	140.00	15.33	0.00	67.40	31.50	8727.28	307.21	46.15	28.60	46.86	1.09	86.51	43.75	0.28	1032.41	22951.08	1.02	0.94	8.47
BROWN 2F-412	6/9/14	6.5	35	0.8	18743.09	23.94	130.00	16.05	0.00	40.36	18.86	11690.84	588.26	75.64	27.26	93.90	0.96	71.63	61.47	0.21	1909.18	31539.67	1.02	0.96	8.51
BROWN 2G-212	6/9/14	6.4	40	0.8	17432.65	40.88	150.00	0.00	0.00	73.11	34.17	10840.47	439.33	63.46	48.98	72.44	0.51	47.58	54.64	0.00	1478.00	29223.17	1.02	0.98	8.50
CARMICHAEL 26M-223	6/9/14	6.3	45	0.5	20273.69	54.33	170.00	5.36	0.00	46.04	21.51	12409.57	545.57	79.87	56.65	94.01	0.37	31.66	45.94	0.08	1841.39	33758.81	1.02	0.99	8.53
CARMICHAEL 26R-203	6/9/14	6.0	44	0.5	13619.41	39.25	125.00	51.69	44.75	21.18	9.90	8262.36	339.96	71.37	3.21	53.83	1.47	113.65	47.11	0.26	1207.67	22710.49	1.02	1.00	8.47
CECIL 31-26H	6/9/14	7.1	45	0.6	18386.42	48.47	382.00	0.00	0.16	55.41	25.89	10827.70	420.78	60.13	65.88	71.94	0.18	14.78	57.67	0.05	1429.67	30342.95	1.02	1.05	8.51
CERVI 13-31H	6/9/14	6.2	45	0.7	11742.37	27.28	100.00	0.00	0.16	36.99	17.28	6956.49	388.29	46.47	31.36	59.38	0.44	29.81	49.40	0.10	1252.72	19441.11	1.01	1.01	8.45
COORS ENERGY 14-25H	6/9/14	6.3	30	0.5	16146.99	31.27	150.00	0.00	0.11	57.05	26.66	9803.36	350.77	50.81	54.30	60.01	0.12	10.89	55.87	0.15	1194.22	26740.33	1.02	1.01	8.49
DIANA 6T-321	6/9/14	6.3	1	6.3	17866.10	44.64	70.00	6.13	0.00	77.09	36.02	10820.94	701.37	91.78	33.46	102.18	1.70	122.67	56.04	0.00	2272.43	29949.46	1.02	0.97	8.51
DILLARD 20R-303	6/9/14	6.5	55	2.3	16958.73	33.97	250.00	9.26	0.00	80.25	37.50	10682.64	527.34	68.26	36.92	78.81	1.95	130.96	60.96	0.24	1716.32	28886.33	1.02	0.96	8.50
DILLARD 20T-221	6/9/14	6.3	45	1.9	16508.89	43.60	200.00	0.00	0.00	90.07	42.09	10211.95	409.05	56.56	47.85	63.31	0.22	18.96	50.43	0.22	1362.66	27657.51	1.02	0.99	8.49
DILLARD 20Y-401	6/9/14	6.4	50	2.0	17201.32	44.05	225.00	0.00	0.00	89.10	41.64	11049.90	589.64	73.68	27.00	89.32	0.43	26.93	54.18	0.22	1899.17	29426.73	1.02	0.94	8.50
GREEN 13-24H	6/9/14	6.2	25	0.5	21665.53	55.45	135.00	0.00	0.15	68.90	32.20	13060.44	608.33	88.48	78.87	101.64	0.17	14.70	56.83	0.11	2058.63	35879.01	1.02	1.00	8.54
LASALLE 25F-332	6/9/14	7.0	120	1.7	10074.22	25.26	300.00	26.28	0.00	110.09	51.45	6567.08	374.99	42.18	12.76	50.38	0.52	39.18	41.24	0.45	1178.00	17639.38	1.01	0.93	8.44
LASALLE 25G-402	6/9/14	6.8	130	1.3	6790.57	16.03	350.00	41.48	0.00	75.79	35.41	4582.24	296.98	34.63	5.14	35.05	1.73	137.34	32.03	0.25	928.80	12383.23	1.01	0.89	8.41
LEFFLER 14-1H	6/9/14	6.2	50	0.5	17764.51	46.07	100.00	0.00	0.11	66.21	30.94	10787.55	567.81	75.63	61.89	91.02	0.53	50.97	53.52	0.08	1879.92	29619.72	1.02	0.99	8.50
LEFFLER 24-1H	6/9/14	6.3	45	0.5	18322.79	32.23	115.00	0.00	0.00	44.12	20.62	10603.30	907.38	105.59	29.49	131.81	1.42	107.82	59.90	0.46	2875.21	30429.08	1.02	0.99	8.51
MAGNUSEN 23I-421	6/9/14	6.0	50	0.5	22688.46	55.34	115.00	0.00	0.00	66.25	30.96	12454.67	1062.19	117.07	37.16	169.35	0.79	48.30	72.79	0.00	3357.90	36832.02	1.03	1.05	8.54
O INVESTMENT PROPERTIES 6T-421	5/9/14	6.5	50	1.3	12990.86	23.01	240.00	32.28	0.22	87.67	40.97	7391.38	425.58	47.52	9.39	56.73	1.97	166.21	30.52	-0.04	1331.23	21480.06	1.02	1.05	8.46
O INVESTMENT PROPERTIES 6T-421	6/9/14	6.5	50	1.3	12853.17	37.05	240.00	26.01	0.00	84.81	39.63	8036.16	439.87	50.39	10.31	61.01	1.99	149.40	47.99	0.00	1384.33	22001.10	1.02	0.96	8.46
O INVESTMENT PROPERTIES 6Y-241	6/9/14	6.5	50	1.3	15634.19	40.88	240.00	0.00	0.00	95.42	44.59	9875.66	469.60	62.80	40.98	70.64	1.40	122.92	50.45	0.29	1543.09	26664.36	1.02	0.95	8.49
ROTHARMEL 11-32H	6/9/14	6.3	45	0.7	20915.24	38.57	120.00	0.00	0.17	71.65	33.48	12224.08	603.14	84.01	77.66	98.61	0.29	21.94	65.18	0.52	2022.90	34282.32	1.02	1.03	8.53
SCHAEFER 10J-203	6/9/14	6.0	50	0.7	14703.65	30.37	100.00	4.86	0.17	66.82	31.22	8829.27	345.91	50.69	39.71	55.47	0.61	52.20	46.25	0.08	1165.74	24295.51	1.02	1.02	8.47
SCHAEFER 10J-403	6/9/14	6.2	42	0.8	15975.30	41.72	200.00	0.00	0.00	73.62	34.40	10087.02	515.58	62.35	14.83	76.46	1.01	68.15	51.42	0.00	1643.79	27125.75	1.02	0.96	8.49
SIMONSEN 12E-223	6/9/14	6.3	45	0.6	17851.31	46.37	105.00	5.96	1.85	108.24	50.58	10154.80	940.52	101.77	29.38	140.58	0.79	36.81	58.05	2.81	2952.26	29536.03	1.02	1.00	8.50
SIMONSEN 12E-223	6/9/14	6.4	45	0.7	12792.93	35.34	110.00	0.00	0.00	42.36	19.80	7830.93	574.38	73.26	33.74	87.50	1.02	54.81	41.72	0.00	1862.08	21642.64	1.02	0.95	8.46
SPAUR 31V-404	6/9/14	6.3	35	0.7	19543.53	34.46	150.00	6.83	0.00	74.49	34.81	11717.35	686.50	81.76	27.21	106.18	1.03	101.34	59.57	0.00	2193.93	32555.79	1.02	0.99	8.52
STILLE 12-6H	6/9/14	6.0	50	0.6	10407.78	28.61	105.00	0.00	0.12	14.22	6.65	6218.79	326.47	41.01	33.79	51.24	0.75	60.88	34.85	0.08	1068.16	17294.87	1.01	1.00	8.44
TRACY 31-23	6/9/14	6.4	50	0.5	21895.07	39.63	115.00	0.00	0.14	79.61	37.20	13134.26	773.97	103.00	71.13	126.82	0.80	70.12	55.49	0.37	2555.64	36425.65	1.02	0.99	8.54
WASTE MANAGEMENT 2I-221	6/9/14	6.3	45	1.2	14843.05	31.14	140.00	6.23	0.00	52.31	24.44	9456.45	304.49	45.36	41.27	48.94	0.67	22.35	45.60	0.00	1033.96	25006.71	1.02	0.97	8.48
WASTE MANAGEMENT 2Q-401	6/9/14	6.0	38	0.8	17309.20	34.26	100.00	6.26	0.00	54.86	25.63	10263.09	663.68	75.29	18.43	99.08	0.73	42.07	62.85	0.83	2095.77	28696.37	1.02	1.00	8.50
WASTE MANAGEMENT 2T-221	6/9/14	6.3	40	0.8	13958.19	39.18	200.00	0.00	0.00	77.05	36.01	8936.34	266.97	40.67	39.73	43.40	0.55	42.64	42.82	0.24	913.37	23648.59	1.02	0.97	8.47
WILSON 24-30H	6/9/14	6.3	45	0.5	18209.57	35.69	170.00	3.01	0.21	53.73	25.11	10748.39	495.85	80.31	25.74	74.72	0.25	19.14	43.39	0.34	1674.45	29924.45	1.02	1.03	8.51

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