

DIRECTIONAL SURVEY FOR WELL LD16-11
RAW DATA

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

WELL FILE

PETROMAR

No.	MEASURED DEPT	GERENCIA DE DESARROLLO	ORIENTATION
1	447	14.00	N - 46.00 - W
2	585	14.00	N - 45.00 - W
3	749	14.00	N - 45.50 - W
4	910	13.50	N - 42.00 - W
5	1001	13.50	N - 41.50 - W
6	1124	13.50	N - 43.00 - W
7	1246	13.00	N - 42.00 - W
8	1370	13.00	N - 42.00 - W
9	1527	12.75	N - 40.50 - W
10	1683	12.50	N - 39.50 - W
11	1838	12.00	N - 37.00 - W
12	1966	12.75	N - 36.50 - W
13	2119	13.25	N - 34.00 - W
14	2239	15.00	N - 35.50 - W
15	2395	16.75	N - 32.00 - W
16	2554	18.00	N - 30.50 - W
17	2745	19.25	N - 31.00 - W
18	2929	20.00	N - 28.00 - W
19	3115	21.00	N - 27.00 - W
20	3344	21.00	N - 23.50 - W
21	3380	20.75	N - 29.00 - W
22	3485	16.50	N - 36.00 - W
23	3605	16.50	N - 34.50 - W
24	3727	17.00	N - 33.00 - W
25	3910	17.00	N - 32.00 - W
26	4187	16.75	N - 28.00 - W
27	4311	16.75	N - 27.00 - W
28	4499	18.00	N - 31.00 - W
29	4621	18.00	N - 29.00 - W
30	4779	18.25	N - 36.00 - W
31	4908	20.00	N - 32.00 - W
32	4938	21.25	N - 30.00 - W
33	4969	22.00	N - 28.00 - W
34	5000	23.00	N - 24.00 - W
35	5031	23.00	N - 18.00 - W
36	5110	22.00	N - 11.00 - W
37	5235	22.25	N - 9.00 - W
38	5450	22.75	N - 7.00 - W
39	5612	23.75	N - 7.00 - W
40	5848	24.75	N - 7.00 - W
41	5952	25.00	N - 7.00 - W
42	6131	23.75	N - 4.00 - W
43	6270	23.00	N - 4.00 - W
44	6550	21.25	N - 1.00 - W
45	7150	15.75	N - 4.75 - E
46	7786	10.00	N - 10.75 - E
47	8010	10.00	N - 13.00 - E

DIRECTIONAL SURVEY FOR WELL LO16-11

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WELL NO. Z2A-21-795-D-LO16(LO16-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

	MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA		TOTAL	CD -	ORDINATES	HORIZONT DISTANC
*	382	370.65	320.65	N	64.20	W	66.48	92.4
	390	378.42	328.42	N	65.54	W	67.87	94.3
	400	388.12	338.12	N	67.22	W	69.61	96.7
	410	397.82	347.82	N	68.90	W	71.35	99.1
	420	407.52	357.52	N	70.58	W	73.09	101.6
	430	417.23	367.23	N	72.26	W	74.83	104.0
	440	426.93	376.93	N	73.94	W	76.57	106.4
*	447	433.72	383.72	N	75.12	W	77.79	108.1
	450	436.63	386.63	N	75.63	W	78.30	108.8
	460	446.34	396.34	N	77.34	W	80.01	111.2
	470	456.04	406.04	N	79.05	W	81.72	113.7
	480	465.74	415.74	N	80.76	W	83.43	116.1
	490	475.45	425.45	N	82.48	W	85.14	118.5
	500	485.15	435.15	N	84.19	W	86.85	120.9
	510	494.85	444.85	N	85.90	W	88.56	123.3
	520	504.55	454.55	N	87.61	W	90.27	125.7
	530	514.26	464.26	N	89.32	W	91.98	128.2
	540	523.96	473.96	N	91.03	W	93.69	130.6
	550	533.66	483.66	N	92.74	W	95.41	133.0
	560	543.37	493.37	N	94.45	W	97.12	135.4
	570	553.07	503.07	N	96.16	W	98.83	137.8
	580	562.77	512.77	N	97.87	W	100.54	140.3
*	585	567.62	517.62	N	98.73	W	101.39	141.5
	590	572.48	522.48	N	99.57	W	102.26	142.7
	600	582.18	532.18	N	101.27	W	103.98	145.1
	610	591.88	541.88	N	102.97	W	105.71	147.5
	620	601.58	551.58	N	104.66	W	107.43	149.9
	630	611.29	561.29	N	106.36	W	109.16	152.4
	640	620.99	570.99	N	108.05	W	110.88	154.8
	650	630.69	580.69	N	109.75	W	112.61	157.2
	660	640.40	590.40	N	111.44	W	114.33	159.6
	670	650.10	600.10	N	113.14	W	116.06	162.0
	680	659.80	609.80	N	114.84	W	117.78	164.5
	690	669.50	619.50	N	116.53	W	119.51	166.9
	700	679.21	629.21	N	118.23	W	121.24	169.3
	710	688.91	638.91	N	119.92	W	122.96	171.7
	720	698.61	648.61	N	121.62	W	124.69	174.1
	730	708.32	658.32	N	123.31	W	126.41	176.6
	740	718.02	668.02	N	125.01	W	128.14	179.0
*	749	726.75	676.75	N	126.54	W	129.69	181.1
	750	727.72	677.72	N	126.71	W	129.85	181.4
	760	737.43	687.43	N	128.51	W	131.47	183.8
	770	747.13	697.13	N	130.30	W	133.08	186.2
	780	756.84	706.84	N	132.08	W	134.69	188.6
	790	766.55	716.55	N	133.87	W	136.29	191.0

WELL FILE

DIRECTIONAL SURVEY FOR WELL L016-11

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WELL NO. Z2A-21-795-D-L016(L016-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL	CO - ORDINATES	HORIZONTAL DISTANCE
800	776.26	726.26	N 135.64	W 137.89	193.4
810	785.97	735.97	N 137.42	W 139.49	195.6
820	795.68	745.68	N 139.19	W 141.08	198.1
830	805.39	755.39	N 140.95	W 142.67	200.5
840	815.11	765.11	N 142.72	W 144.26	202.9
850	824.82	774.82	N 144.47	W 145.84	205.2
860	834.54	784.54	N 146.23	W 147.42	207.6
870	844.26	794.26	N 147.98	W 149.00	210.0
880	853.98	803.98	N 149.73	W 150.57	212.3
890	863.70	813.70	N 151.47	W 152.14	214.6
900	873.42	823.42	N 153.21	W 153.71	217.0
* 910	883.15	833.15	N 154.94	W 155.27	219.3
920	892.87	842.87	N 156.69	W 156.81	221.6
930	902.60	852.60	N 158.44	W 158.36	224.0
940	912.32	862.32	N 160.19	W 159.91	226.3
950	922.04	872.04	N 161.94	W 161.45	228.6
960	931.77	881.77	N 163.68	W 163.00	231.0
970	941.49	891.49	N 165.43	W 164.55	233.3
980	951.21	901.21	N 167.18	W 166.09	235.6
990	960.94	910.94	N 168.93	W 167.64	237.9
1000	970.66	920.66	N 170.68	W 169.19	240.3
* 1001	971.63	921.63	N 170.85	W 169.34	240.5
1010	980.38	930.38	N 172.39	W 170.78	242.6
1020	990.11	940.11	N 174.10	W 172.37	244.9
1030	999.83	949.83	N 175.80	W 173.96	247.3
1040	1,009.56	959.56	N 177.51	W 175.55	249.6
1050	1,019.28	969.28	N 179.22	W 177.14	251.9
1060	1,029.00	979.00	N 180.93	W 178.74	254.3
1070	1,038.73	988.73	N 182.63	W 180.33	256.6
1080	1,048.45	998.45	N 184.34	W 181.92	258.9
1090	1,058.17	1,008.17	N 186.05	W 183.51	261.3
1100	1,067.90	1,017.90	N 187.75	W 185.10	263.6
1110	1,077.62	1,027.62	N 189.46	W 186.70	265.9
1120	1,087.35	1,037.35	N 191.17	W 188.29	268.3
* 1124	1,091.24	1,041.24	N 191.85	W 188.93	269.2
1130	1,097.07	1,047.07	N 192.89	W 189.86	270.6
1140	1,106.80	1,056.80	N 194.62	W 191.42	272.9
1150	1,116.52	1,066.52	N 196.34	W 192.97	275.2
1160	1,126.25	1,076.25	N 198.06	W 194.51	277.6
1170	1,135.99	1,085.99	N 199.77	W 196.05	279.9
1180	1,145.72	1,095.72	N 201.47	W 197.59	282.1
1190	1,155.45	1,105.45	N 203.17	W 199.12	284.4
1200	1,165.19	1,115.19	N 204.87	W 200.64	286.7
1210	1,174.93	1,124.93	N 206.56	W 202.17	289.0
1220	1,184.67	1,134.67	N 208.24	W 203.68	291.2

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CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL	CO -	ORDINATES	HORIZONT DISTANCE
1230	1,194.41	1,144.41	N	209.92	W 205.20	293.5
1240	1,204.15	1,154.15	N	211.60	W 206.70	295.8
* 1246	1,210.00	1,160.00	N	212.60	W 207.61	297.1
1250	1,213.89	1,163.89	N	213.27	W 208.21	298.0
1260	1,223.64	1,173.64	N	214.94	W 209.72	300.3
1270	1,233.38	1,183.38	N	216.61	W 211.22	302.5
1280	1,243.13	1,193.13	N	218.29	W 212.73	304.8
1290	1,252.87	1,202.87	N	219.96	W 214.23	307.0
1300	1,262.61	1,212.61	N	221.63	W 215.74	309.2
1310	1,272.36	1,222.36	N	223.30	W 217.24	311.5
1320	1,282.10	1,232.10	N	224.97	W 218.75	313.7
1330	1,291.84	1,241.84	N	226.64	W 220.25	316.0
1340	1,301.59	1,251.59	N	228.32	W 221.76	318.2
1350	1,311.33	1,261.33	N	229.99	W 223.26	320.5
* 1360	1,321.07	1,271.07	N	231.66	W 224.77	322.7
1370	1,330.82	1,280.82	N	233.33	W 226.27	325.0
1380	1,340.56	1,290.56	N	235.04	W 227.73	327.2
1390	1,350.31	1,300.31	N	236.75	W 229.19	329.5
1400	1,360.05	1,310.05	N	238.45	W 230.64	331.7
1410	1,369.80	1,319.80	N	240.15	W 232.10	333.9
1420	1,379.55	1,329.55	N	241.85	W 233.55	336.2
1430	1,389.29	1,339.29	N	243.55	W 235.00	338.4
1440	1,399.04	1,349.04	N	245.25	W 236.45	340.6
1450	1,408.79	1,358.79	N	246.94	W 237.90	342.8
1460	1,418.54	1,368.54	N	248.63	W 239.34	345.1
1470	1,428.29	1,378.29	N	250.32	W 240.78	347.3
1480	1,438.04	1,388.04	N	252.01	W 242.23	349.5
1490	1,447.79	1,397.79	N	253.70	W 243.67	351.7
1500	1,457.54	1,407.54	N	255.38	W 245.10	353.9
1510	1,467.30	1,417.30	N	257.06	W 246.54	356.1
* 1520	1,477.05	1,427.05	N	258.74	W 247.97	358.3
1527	1,483.88	1,433.88	N	259.92	W 248.98	359.9
1530	1,486.80	1,436.80	N	260.43	W 249.40	360.5
1540	1,496.56	1,446.56	N	262.13	W 250.80	362.7
1550	1,506.31	1,456.31	N	263.83	W 252.20	364.9
1560	1,516.07	1,466.07	N	265.52	W 253.60	367.1
1570	1,525.82	1,475.82	N	267.22	W 254.99	369.3
1580	1,535.58	1,485.58	N	268.91	W 256.39	371.5
1590	1,545.34	1,495.34	N	270.60	W 257.78	373.7
1600	1,555.09	1,505.09	N	272.28	W 259.17	375.9
1610	1,564.85	1,514.85	N	273.97	W 260.56	378.0
1620	1,574.61	1,524.61	N	275.65	W 261.95	380.2
1630	1,584.37	1,534.37	N	277.33	W 263.34	382.4
1640	1,594.13	1,544.13	N	279.01	W 264.72	384.6
1650	1,603.89	1,553.89	N	280.69	W 266.10	386.7

WELL FILE

DIRECTIONAL SURVEY FOR WELL LO16-11

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WELL NO. Z2A-21-795-D-LO16(LO16-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL	CO - ORDINATES	HORIZONTAL DISTANCE
1660	1,613.66	1,563.66	N 282.37	W 267.48	388.9
1670	1,623.42	1,573.42	N 284.04	W 268.86	391.1
1680	1,633.18	1,583.18	N 285.71	W 270.24	393.2
* 1683	1,636.11	1,586.11	N 286.21	W 270.65	393.9
1690	1,642.94	1,592.94	N 287.42	W 271.56	395.4
1700	1,652.71	1,602.71	N 289.14	W 272.86	397.5
1710	1,662.47	1,612.47	N 290.86	W 274.15	399.7
1720	1,672.24	1,622.24	N 292.57	W 275.44	401.8
1730	1,682.01	1,632.01	N 294.28	W 276.73	403.9
1740	1,691.78	1,641.78	N 295.98	W 278.01	406.0
1750	1,701.55	1,651.55	N 297.68	W 279.29	408.1
1760	1,711.32	1,661.32	N 299.37	W 280.57	410.3
1770	1,721.10	1,671.10	N 301.06	W 281.84	412.4
1780	1,730.87	1,680.87	N 302.75	W 283.12	414.5
1790	1,740.65	1,690.65	N 304.43	W 284.38	416.5
1800	1,750.43	1,700.43	N 306.11	W 285.65	418.6
1810	1,760.20	1,710.20	N 307.78	W 286.91	420.7
1820	1,769.98	1,719.98	N 309.45	W 288.16	422.8
1830	1,779.76	1,729.76	N 311.11	W 289.42	424.9
* 1838	1,787.59	1,737.59	N 312.44	W 290.42	426.5
1840	1,789.54	1,739.54	N 312.78	W 290.67	426.9
1850	1,799.32	1,749.32	N 314.46	W 291.91	429.0
1860	1,809.10	1,759.10	N 316.15	W 293.16	431.1
1870	1,818.88	1,768.88	N 317.84	W 294.42	433.2
1880	1,828.65	1,778.65	N 319.55	W 295.68	435.3
1890	1,838.42	1,788.42	N 321.26	W 296.94	437.4
1900	1,848.19	1,798.19	N 322.98	W 298.22	439.6
1910	1,857.95	1,807.95	N 324.71	W 299.50	441.7
1920	1,867.72	1,817.72	N 326.45	W 300.78	443.8
1930	1,877.48	1,827.48	N 328.19	W 302.07	446.0
1940	1,887.24	1,837.24	N 329.95	W 303.37	448.2
1950	1,896.99	1,846.99	N 331.71	W 304.67	450.4
1960	1,906.75	1,856.75	N 333.48	W 305.98	452.5
* 1966	1,912.60	1,862.60	N 334.54	W 306.77	453.9
1970	1,916.50	1,866.50	N 335.27	W 307.27	454.7
1980	1,926.25	1,876.25	N 337.11	W 308.50	456.9
1990	1,936.00	1,886.00	N 338.95	W 309.75	459.1
2000	1,945.75	1,895.75	N 340.80	W 310.99	461.3
2010	1,955.50	1,905.50	N 342.65	W 312.24	463.5
2020	1,965.25	1,915.25	N 344.50	W 313.49	465.7
2030	1,974.99	1,924.99	N 346.36	W 314.74	468.0
2040	1,984.74	1,934.74	N 348.22	W 316.00	470.2
2050	1,994.48	1,944.48	N 350.09	W 317.26	472.4
2060	2,004.22	1,954.22	N 351.97	W 318.52	474.7
2070	2,013.96	1,963.96	N 353.84	W 319.79	476.9

WELL FILE

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WELL NO. Z2A-21-795-D-L016(L016-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL	CO - ORDINATES	HORIZONT DISTANCE
2080	2,023.70	1,973.70	N 355.73	W 321.06	479.1
2090	2,033.44	1,983.44	N 357.61	W 322.33	481.4
2100	2,043.17	1,993.17	N 359.50	W 323.61	483.7
2110	2,052.91	2,002.91	N 361.40	W 324.89	485.9
* 2119	2,061.67	2,011.67	N 363.11	W 326.04	488.0
2120	2,062.64	2,012.64	N 363.30	W 326.17	488.2
2130	2,072.37	2,022.37	N 365.18	W 327.52	490.5
2140	2,082.09	2,032.09	N 367.09	W 328.88	492.8
2150	2,091.81	2,041.81	N 369.02	W 330.26	495.2
2160	2,101.52	2,051.52	N 370.97	W 331.65	497.6
2170	2,111.22	2,061.22	N 372.94	W 333.05	500.0
2180	2,120.92	2,070.92	N 374.93	W 334.47	502.4
2190	2,130.61	2,080.61	N 376.94	W 335.90	504.8
2200	2,140.29	2,090.29	N 378.96	W 337.35	507.3
2210	2,149.97	2,099.97	N 381.01	W 338.81	509.8
2220	2,159.64	2,109.64	N 383.08	W 340.29	512.3
2230	2,169.31	2,119.31	N 385.17	W 341.78	514.9
* 2239	2,178.00	2,128.00	N 387.07	W 343.13	517.2
2240	2,178.97	2,128.97	N 387.29	W 343.27	517.5
2250	2,188.62	2,138.62	N 389.50	W 344.65	520.0
2260	2,198.27	2,148.27	N 391.73	W 346.04	522.6
2270	2,207.91	2,157.91	N 393.97	W 347.44	525.2
2280	2,217.55	2,167.55	N 396.23	W 348.86	527.9
2290	2,227.18	2,177.18	N 398.51	W 350.28	530.5
2300	2,236.81	2,186.81	N 400.80	W 351.71	533.2
2310	2,246.43	2,196.43	N 403.11	W 353.15	535.9
2320	2,256.05	2,206.05	N 405.44	W 354.61	538.6
2330	2,265.66	2,215.66	N 407.78	W 356.07	541.3
2340	2,275.27	2,225.27	N 410.13	W 357.54	544.1
2350	2,284.87	2,234.87	N 412.51	W 359.02	546.8
2360	2,294.46	2,244.46	N 414.89	W 360.52	549.6
2370	2,304.05	2,254.05	N 417.30	W 362.02	552.4
2380	2,313.64	2,263.64	N 419.72	W 363.53	555.2
2390	2,323.22	2,273.22	N 422.15	W 365.05	558.1
* 2395	2,328.00	2,278.00	N 423.38	W 365.82	559.5
2400	2,332.79	2,282.79	N 424.62	W 366.55	560.9
2410	2,342.36	2,292.36	N 427.12	W 368.02	563.8
2420	2,351.93	2,301.93	N 429.63	W 369.50	566.6
2430	2,361.49	2,311.49	N 432.16	W 370.99	569.5
2440	2,371.04	2,321.04	N 434.69	W 372.48	572.4
2450	2,380.60	2,330.60	N 437.23	W 373.98	575.3
2460	2,390.15	2,340.15	N 439.79	W 375.49	578.2
2470	2,399.69	2,349.69	N 442.36	W 377.00	581.2
2480	2,409.24	2,359.24	N 444.94	W 378.52	584.1
2490	2,418.77	2,368.77	N 447.53	W 380.04	587.1

WELL FILE

DIRECTIONAL SURVEY FOR WELL LD16-11

10

WELL NO. Z2A-21-795-D-LD16(LD16-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CO - ORDINATES	HORIZONT DISTANCE
2500	2,428.31	2,378.31	N 450.13 W 381.58	590.1
2510	2,437.83	2,387.83	N 452.74 W 383.11	593.0
2520	2,447.36	2,397.36	N 455.37 W 384.66	596.0
2530	2,456.88	2,406.88	N 458.00 W 386.21	599.1
2540	2,466.40	2,416.40	N 460.65 W 387.77	602.1
2550	2,475.91	2,425.91	N 463.31 W 389.34	605.1
* 2554	2,479.71	2,429.71	N 464.37 W 389.97	606.4
2560	2,485.42	2,435.42	N 465.97 W 390.92	608.2
2570	2,494.92	2,444.92	N 468.63 W 392.52	611.3
2580	2,504.43	2,454.43	N 471.30 W 394.13	614.3
2590	2,513.92	2,463.92	N 473.98 W 395.74	617.4
2600	2,523.42	2,473.42	N 476.68 W 397.36	620.5
2610	2,532.91	2,482.91	N 479.38 W 398.98	623.6
2620	2,542.39	2,492.39	N 482.09 W 400.61	626.6
2630	2,551.88	2,501.88	N 484.81 W 402.24	629.9
2640	2,561.36	2,511.36	N 487.54 W 403.88	633.1
2650	2,570.83	2,520.83	N 490.27 W 405.53	636.2
2660	2,580.31	2,530.31	N 493.02 W 407.18	639.4
2670	2,589.78	2,539.78	N 495.78 W 408.83	642.6
2680	2,599.24	2,549.24	N 498.54 W 410.50	645.8
2690	2,608.70	2,558.70	N 501.32 W 412.16	649.0
2700	2,618.16	2,568.16	N 504.10 W 413.84	652.2
2710	2,627.61	2,577.61	N 506.90 W 415.51	655.4
2720	2,637.06	2,587.06	N 509.70 W 417.20	658.6
2730	2,646.51	2,596.51	N 512.51 W 418.89	661.9
2740	2,655.95	2,605.95	N 515.33 W 420.58	665.1
* 2745	2,660.67	2,610.67	N 516.75 W 421.43	666.8
2750	2,665.39	2,615.39	N 518.20 W 422.21	668.4
2760	2,674.83	2,624.83	N 521.12 W 423.76	671.6
2770	2,684.27	2,634.27	N 524.05 W 425.32	674.9
2780	2,693.70	2,643.70	N 526.98 W 426.87	678.1
2790	2,703.13	2,653.13	N 529.92 W 428.44	681.4
2800	2,712.56	2,662.56	N 532.86 W 430.00	684.7
2810	2,721.98	2,671.98	N 535.81 W 431.57	688.0
2820	2,731.41	2,681.41	N 538.77 W 433.14	691.2
2830	2,740.83	2,690.83	N 541.73 W 434.72	694.5
2840	2,750.25	2,700.25	N 544.69 W 436.29	697.8
2850	2,759.66	2,709.66	N 547.67 W 437.87	701.1
2860	2,769.07	2,719.07	N 550.65 W 439.46	704.5
2870	2,778.49	2,728.49	N 553.63 W 441.05	707.8
2880	2,787.89	2,737.89	N 556.62 W 442.64	711.1
2890	2,797.30	2,747.30	N 559.62 W 444.23	714.5
2900	2,806.71	2,756.71	N 562.62 W 445.83	717.8
2910	2,816.11	2,766.11	N 565.63 W 447.42	721.2
2920	2,825.51	2,775.51	N 568.65 W 449.03	724.5

WELL FILE

DIRECTIONAL SURVEY FOR WELL LD16-11

10

WELL NO. Z2A-21-795-D-LD16(LD16-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

	MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL	CO -	ORDINATES	HORIZONT DISTANCE
*	2929	2,833.96	2,783.96	N	571.36	W 450.47	727.5
	2930	2,834.90	2,784.90	N	571.67	W 450.63	727.9
	2940	2,844.30	2,794.30	N	574.72	W 452.19	731.2
	2950	2,853.69	2,803.69	N	577.79	W 453.75	734.6
	2960	2,863.07	2,813.07	N	580.86	W 455.31	738.0
	2970	2,872.46	2,822.46	N	583.94	W 456.88	741.4
	2980	2,881.84	2,831.84	N	587.03	W 458.45	744.8
	2990	2,891.21	2,841.21	N	590.12	W 460.03	748.2
	3000	2,900.59	2,850.59	N	593.22	W 461.61	751.6
	3010	2,909.96	2,859.96	N	596.34	W 463.20	755.0
	3020	2,919.33	2,869.33	N	599.45	W 464.79	758.5
	3030	2,928.69	2,878.69	N	602.58	W 466.38	761.9
	3040	2,938.05	2,888.05	N	605.72	W 467.98	765.4
	3050	2,947.41	2,897.41	N	608.86	W 469.58	768.9
	3060	2,956.76	2,906.76	N	612.01	W 471.18	772.3
	3070	2,966.11	2,916.11	N	615.17	W 472.79	775.8
	3080	2,975.46	2,925.46	N	618.33	W 474.40	779.3
	3090	2,984.81	2,934.81	N	621.50	W 476.02	782.8
	3100	2,994.15	2,944.15	N	624.69	W 477.64	786.3
	3110	3,003.48	2,953.48	N	627.88	W 479.27	789.8
*	3115	3,008.15	2,958.15	N	629.47	W 480.08	791.6
	3120	3,012.82	2,962.82	N	631.12	W 480.79	793.3
	3130	3,022.16	2,972.16	N	634.40	W 482.22	796.8
	3140	3,031.49	2,981.49	N	637.69	W 483.65	800.3
	3150	3,040.83	2,990.83	N	640.97	W 485.08	803.8
	3160	3,050.16	3,000.16	N	644.26	W 486.51	807.3
	3170	3,059.50	3,009.50	N	647.55	W 487.94	810.8
	3180	3,068.84	3,018.84	N	650.83	W 489.37	814.2
	3190	3,078.17	3,028.17	N	654.12	W 490.80	817.7
	3200	3,087.51	3,037.51	N	657.41	W 492.23	821.2
	3210	3,096.84	3,046.84	N	660.69	W 493.66	824.7
	3220	3,106.18	3,056.18	N	663.98	W 495.08	828.2
	3230	3,115.52	3,065.52	N	667.27	W 496.51	831.7
	3240	3,124.85	3,074.85	N	670.55	W 497.94	835.2
	3250	3,134.19	3,084.19	N	673.84	W 499.37	838.7
	3260	3,143.52	3,093.52	N	677.12	W 500.80	842.2
	3270	3,152.86	3,102.86	N	680.41	W 502.23	845.6
	3280	3,162.20	3,112.20	N	683.70	W 503.66	849.1
	3290	3,171.53	3,121.53	N	686.98	W 505.09	852.6
	3300	3,180.87	3,130.87	N	690.27	W 506.52	856.1
	3310	3,190.20	3,140.20	N	693.56	W 507.94	859.6
	3320	3,199.54	3,149.54	N	696.84	W 509.37	863.1
	3330	3,208.87	3,158.87	N	700.13	W 510.80	866.6
	3340	3,218.21	3,168.21	N	703.42	W 512.23	870.1
*	3344	3,221.95	3,171.95	N	704.73	W 512.80	871.5

WELL FILE

DIRECTIONAL SURVEY FOR WELL L016-11

10

WELL NO. Z2A-21-795-D-L016(L016-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL	CO -	ORDINATES	HORIZONT DISTANC
3350	3,227.55	3,177.55	N	706.61	W 513.84	873.6
3360	3,236.89	3,186.89	N	709.73	W 515.57	877.2
3370	3,246.24	3,196.24	N	712.83	W 517.30	880.7
* 3380	3,255.59	3,205.59	N	715.93	W 519.01	884.2
3390	3,264.97	3,214.97	N	718.75	W 521.06	887.7
3400	3,274.37	3,224.37	N	721.50	W 523.06	891.1
3410	3,283.79	3,233.79	N	724.21	W 525.03	894.5
3420	3,293.24	3,243.24	N	726.86	W 526.95	897.7
3430	3,302.71	3,252.71	N	729.46	W 528.84	900.9
3440	3,312.20	3,262.20	N	732.00	W 530.69	904.1
3450	3,321.72	3,271.72	N	734.49	W 532.50	907.2
3460	3,331.25	3,281.25	N	736.92	W 534.26	910.2
3470	3,340.81	3,290.81	N	739.30	W 535.99	913.1
3480	3,350.39	3,300.39	N	741.63	W 537.68	916.0
* 3485	3,355.18	3,305.18	N	742.78	W 538.52	917.4
3490	3,359.98	3,309.98	N	743.95	W 539.32	918.8
3500	3,369.57	3,319.57	N	746.29	W 540.93	921.7
3510	3,379.15	3,329.15	N	748.63	W 542.54	924.5
3520	3,388.74	3,338.74	N	750.97	W 544.15	927.3
3530	3,398.33	3,348.33	N	753.31	W 545.76	930.2
3540	3,407.92	3,357.92	N	755.65	W 547.36	933.0
3550	3,417.51	3,367.51	N	757.99	W 548.97	935.9
3560	3,427.09	3,377.09	N	760.33	W 550.58	938.7
3570	3,436.68	3,386.68	N	762.67	W 552.19	941.5
3580	3,446.27	3,396.27	N	765.01	W 553.80	944.4
3590	3,455.86	3,405.86	N	767.35	W 555.41	947.2
3600	3,465.45	3,415.45	N	769.70	W 557.02	950.1
* 3605	3,470.24	3,420.24	N	770.87	W 557.82	951.5
3610	3,475.04	3,425.04	N	772.06	W 558.60	952.9
3620	3,484.62	3,434.62	N	774.45	W 560.15	955.7
3630	3,494.20	3,444.20	N	776.85	W 561.70	958.6
3640	3,503.78	3,453.78	N	779.25	W 563.26	961.5
3650	3,513.36	3,463.36	N	781.65	W 564.83	964.3
3660	3,522.94	3,472.94	N	784.07	W 566.39	967.2
3670	3,532.52	3,482.52	N	786.49	W 567.97	970.1
3680	3,542.09	3,492.09	N	788.91	W 569.54	973.0
3690	3,551.66	3,501.66	N	791.34	W 571.12	975.9
3700	3,561.23	3,511.23	N	793.78	W 572.70	978.8
3710	3,570.79	3,520.79	N	796.22	W 574.29	981.7
3720	3,580.36	3,530.36	N	798.67	W 575.88	984.6
* 3727	3,587.05	3,537.05	N	800.39	W 576.99	986.6
3730	3,589.92	3,539.92	N	801.13	W 577.46	987.5
3740	3,599.48	3,549.48	N	803.61	W 579.01	990.4
3750	3,609.05	3,559.05	N	806.09	W 580.55	993.3
3760	3,618.61	3,568.61	N	808.57	W 582.10	996.3

WELL FILE

DIRECTIONAL SURVEY FOR WELL L016-11

10

WELL NO. 72A-21-795-D-L016(L016-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL	CD	-	ORDINATES	HORIZONTAL DISTANCE
3770	3,628.17	3,578.17	N	811.05	W	583.65	999.2
3780	3,637.74	3,587.74	N	813.53	W	585.20	1,002.1
3790	3,647.30	3,597.30	N	816.01	W	586.75	1,005.0
3800	3,656.86	3,606.86	N	818.49	W	588.30	1,007.9
3810	3,666.43	3,616.43	N	820.97	W	589.85	1,010.9
3820	3,675.99	3,625.99	N	823.45	W	591.40	1,013.8
3830	3,685.55	3,635.55	N	825.93	W	592.95	1,016.7
3840	3,695.11	3,645.11	N	828.40	W	594.50	1,019.6
3850	3,704.68	3,654.68	N	830.88	W	596.05	1,022.5
3860	3,714.24	3,664.24	N	833.36	W	597.60	1,025.4
3870	3,723.80	3,673.80	N	835.84	W	599.15	1,028.4
3880	3,733.37	3,683.37	N	838.32	W	600.70	1,031.3
3890	3,742.93	3,692.93	N	840.80	W	602.24	1,034.2
3900	3,752.49	3,702.49	N	843.28	W	603.79	1,037.1
* 3910	3,762.06	3,712.06	N	845.76	W	605.34	1,040.0
3920	3,771.62	3,721.62	N	848.34	W	606.71	1,042.9
3930	3,781.18	3,731.18	N	850.92	W	608.09	1,045.8
3940	3,790.75	3,740.75	N	853.50	W	609.46	1,048.7
3950	3,800.31	3,750.31	N	856.07	W	610.83	1,051.6
3960	3,809.88	3,759.88	N	858.65	W	612.20	1,054.5
3970	3,819.44	3,769.44	N	861.22	W	613.56	1,057.4
3980	3,829.01	3,779.01	N	863.79	W	614.93	1,060.3
3990	3,838.58	3,788.58	N	866.36	W	616.30	1,063.2
4000	3,848.14	3,798.14	N	868.93	W	617.66	1,066.0
4010	3,857.71	3,807.71	N	871.50	W	619.03	1,068.9
4020	3,867.28	3,817.28	N	874.07	W	620.39	1,071.8
4030	3,876.85	3,826.85	N	876.63	W	621.76	1,074.7
4040	3,886.42	3,836.42	N	879.20	W	623.12	1,077.6
4050	3,895.99	3,845.99	N	881.76	W	624.48	1,080.5
4060	3,905.56	3,855.56	N	884.32	W	625.85	1,083.3
4070	3,915.13	3,865.13	N	886.88	W	627.21	1,086.2
4080	3,924.70	3,874.70	N	889.44	W	628.57	1,089.1
4090	3,934.27	3,884.27	N	892.00	W	629.93	1,092.0
4100	3,943.84	3,893.84	N	894.56	W	631.29	1,094.8
4110	3,953.41	3,903.41	N	897.11	W	632.65	1,097.7
4120	3,962.99	3,912.99	N	899.66	W	634.00	1,100.6
4130	3,972.56	3,922.56	N	902.22	W	635.36	1,103.4
4140	3,982.13	3,932.13	N	904.77	W	636.72	1,106.3
4150	3,991.71	3,941.71	N	907.32	W	638.07	1,109.2
4160	4,001.28	3,951.28	N	909.86	W	639.43	1,112.0
4170	4,010.86	3,960.86	N	912.41	W	640.78	1,114.9
4180	4,020.43	3,970.43	N	914.96	W	642.13	1,117.8
* 4187	4,027.13	3,977.13	N	916.74	W	643.08	1,119.8
4190	4,030.01	3,980.01	N	917.51	W	643.47	1,120.6
4200	4,039.58	3,989.58	N	920.08	W	644.78	1,123.5

WELL FILE

DIRECTIONAL SURVEY FOR WELL L016-11

10

WELL NO. Z2A-21-795-D-L016(L016-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CO - ORDINATES	HORIZONT DISTANC
4210	4,049.16	3,999.16	N 922.64 W 646.09	1,126.3
4220	4,058.73	4,008.73	N 925.21 W 647.40	1,129.2
4230	4,068.31	4,018.31	N 927.78 W 648.71	1,132.0
4240	4,077.89	4,027.89	N 930.35 W 650.02	1,134.9
4250	4,087.46	4,037.46	N 932.92 W 651.32	1,137.7
4260	4,097.04	4,047.04	N 935.48 W 652.63	1,140.6
4270	4,106.61	4,056.61	N 938.05 W 653.94	1,143.4
4280	4,116.19	4,066.19	N 940.62 W 655.25	1,146.3
4290	4,125.76	4,075.76	N 943.19 W 656.56	1,149.2
4300	4,135.34	4,085.34	N 945.75 W 657.87	1,152.0
4310	4,144.92	4,094.92	N 948.32 W 659.17	1,154.9
* 4311	4,145.87	4,095.87	N 948.58 W 659.31	1,155.2
4320	4,154.49	4,104.49	N 950.81 W 660.65	1,157.8
4330	4,164.06	4,114.06	N 953.30 W 662.14	1,160.6
4340	4,173.62	4,123.62	N 955.80 W 663.64	1,163.6
4350	4,183.19	4,133.19	N 958.30 W 665.15	1,166.5
4360	4,192.75	4,142.75	N 960.82 W 666.66	1,169.4
4370	4,202.30	4,152.30	N 963.35 W 668.18	1,172.3
4380	4,211.85	4,161.85	N 965.88 W 669.70	1,175.3
4390	4,221.40	4,171.40	N 968.43 W 671.23	1,178.3
4400	4,230.95	4,180.95	N 970.98 W 672.77	1,181.2
4410	4,240.49	4,190.49	N 973.55 W 674.31	1,184.2
4420	4,250.03	4,200.03	N 976.12 W 675.85	1,187.2
4430	4,259.56	4,209.56	N 978.71 W 677.41	1,190.2
4440	4,269.09	4,219.09	N 981.30 W 678.96	1,193.2
4450	4,278.62	4,228.62	N 983.90 W 680.53	1,196.3
4460	4,288.15	4,238.15	N 986.51 W 682.10	1,199.3
4470	4,297.67	4,247.67	N 989.13 W 683.67	1,202.4
4480	4,307.19	4,257.19	N 991.76 W 685.25	1,205.4
4490	4,316.70	4,266.70	N 994.40 W 686.84	1,208.5
* 4499	4,325.26	4,275.26	N 996.79 W 688.27	1,211.3
4500	4,326.21	4,276.21	N 997.06 W 688.42	1,211.6
4510	4,335.72	4,285.72	N 999.76 W 689.92	1,214.7
4520	4,345.23	4,295.23	N 1,002.46 W 691.42	1,217.7
4530	4,354.74	4,304.74	N 1,005.17 W 692.92	1,220.8
4540	4,364.25	4,314.25	N 1,007.87 W 694.41	1,223.9
4550	4,373.76	4,323.76	N 1,010.57 W 695.91	1,227.0
4560	4,383.27	4,333.27	N 1,013.27 W 697.41	1,230.0
4570	4,392.79	4,342.79	N 1,015.98 W 698.91	1,233.1
4580	4,402.30	4,352.30	N 1,018.68 W 700.41	1,236.2
4590	4,411.81	4,361.81	N 1,021.38 W 701.90	1,239.3
4600	4,421.32	4,371.32	N 1,024.09 W 703.40	1,242.3
4610	4,430.83	4,380.83	N 1,026.79 W 704.90	1,245.4
4620	4,440.34	4,390.34	N 1,029.49 W 706.40	1,248.5
* 4621	4,441.29	4,391.29	N 1,029.76 W 706.55	1,248.8

WELL FILE

DIRECTIONAL SURVEY FOR WELL LD16-11

10

WELL NO. Z2A-21-795-D-LD16(LD16-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CO - ORDINATES			HORIZONT DISTANCE
4630	4,449.85	4,399.85	N 1,032.01	W 708.18		1,251.6
4640	4,459.36	4,409.36	N 1,034.52	W 710.00		1,254.7
4650	4,468.87	4,418.87	N 1,037.02	W 711.82		1,257.8
4660	4,478.37	4,428.37	N 1,039.53	W 713.65		1,260.9
4670	4,487.88	4,437.88	N 1,042.04	W 715.47		1,264.0
4680	4,497.38	4,447.38	N 1,044.55	W 717.30		1,267.1
4690	4,506.89	4,456.89	N 1,047.07	W 719.12		1,270.2
4700	4,516.39	4,466.39	N 1,049.59	W 720.95		1,273.3
4710	4,525.90	4,475.90	N 1,052.10	W 722.78		1,276.4
4720	4,535.40	4,485.40	N 1,054.63	W 724.61		1,279.5
4730	4,544.90	4,494.90	N 1,057.15	W 726.45		1,282.6
4740	4,554.40	4,504.40	N 1,059.67	W 728.28		1,285.8
4750	4,563.90	4,513.90	N 1,062.20	W 730.12		1,288.9
4760	4,573.40	4,523.40	N 1,064.73	W 731.95		1,292.0
4770	4,582.90	4,532.90	N 1,067.26	W 733.79		1,295.1
* 4779	4,591.44	4,541.44	N 1,069.54	W 735.45		1,298.0
4780	4,592.39	4,542.39	N 1,069.81	W 735.62		1,298.3
4790	4,601.88	4,551.88	N 1,072.48	W 737.29		1,301.4
4800	4,611.36	4,561.36	N 1,075.18	W 738.97		1,304.6
4810	4,620.84	4,570.84	N 1,077.90	W 740.67		1,307.8
4820	4,630.30	4,580.30	N 1,080.63	W 742.38		1,311.0
4830	4,639.76	4,589.76	N 1,083.38	W 744.10		1,314.3
4840	4,649.21	4,599.21	N 1,086.15	W 745.83		1,317.5
4850	4,658.66	4,608.66	N 1,088.94	W 747.57		1,320.8
4860	4,668.09	4,618.09	N 1,091.75	W 749.33		1,324.1
4870	4,677.52	4,627.52	N 1,094.58	W 751.10		1,327.5
4880	4,686.94	4,636.94	N 1,097.43	W 752.88		1,330.8
4890	4,696.35	4,646.35	N 1,100.30	W 754.67		1,334.2
4900	4,705.75	4,655.75	N 1,103.18	W 756.47		1,337.6
* 4908	4,713.27	4,663.27	N 1,105.50	W 757.92		1,340.3
4910	4,715.15	4,665.15	N 1,106.10	W 758.26		1,341.0
4920	4,724.51	4,674.51	N 1,109.13	W 760.02		1,344.5
4930	4,733.86	4,683.86	N 1,112.22	W 761.80		1,348.1
* 4938	4,741.31	4,691.31	N 1,114.73	W 763.25		1,350.9
4940	4,743.17	4,693.17	N 1,115.37	W 763.59		1,351.7
4950	4,752.48	4,702.48	N 1,118.62	W 765.31		1,355.3
4960	4,761.76	4,711.76	N 1,121.89	W 767.06		1,359.0
* 4969	4,770.11	4,720.11	N 1,124.87	W 768.64		1,362.4
4970	4,771.03	4,721.03	N 1,125.21	W 768.79		1,362.7
4980	4,780.28	4,730.28	N 1,128.69	W 770.34		1,366.5
4990	4,789.51	4,739.51	N 1,132.21	W 771.91		1,370.3
* 5000	4,798.71	4,748.71	N 1,135.78	W 773.50		1,374.1
5010	4,807.92	4,757.92	N 1,139.49	W 774.70		1,377.9
5020	4,817.13	4,767.13	N 1,143.21	W 775.91		1,381.6
5030	4,826.33	4,776.33	N 1,146.93	W 777.12		1,385.4

WELL FILE

DIRECTIONAL SURVEY FOR WELL LD16-11

10

WELL NO. Z2A-21-795-D-LD16(LD16-11) ELEVATION: 50 FEET NUMBER OF DATA POINT:

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

	MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CO - ORDINATES		HORIZONTAL DISTANCE
*	5031	4,827.25	4,777.25	N 1,147.30	W 777.24	1,385.7
	5040	4,835.54	4,785.54	N 1,150.73	W 777.91	1,389.0
	5050	4,844.76	4,794.76	N 1,154.53	W 778.65	1,392.5
	5060	4,853.99	4,803.99	N 1,158.31	W 779.38	1,396.1
	5070	4,863.23	4,813.23	N 1,162.07	W 780.11	1,399.6
	5080	4,872.48	4,822.48	N 1,165.80	W 780.84	1,403.1
	5090	4,881.73	4,831.73	N 1,169.52	W 781.56	1,406.6
	5100	4,891.00	4,841.00	N 1,173.22	W 782.28	1,410.1
*	5110	4,900.27	4,850.27	N 1,176.90	W 782.99	1,413.5
	5120	4,909.54	4,859.54	N 1,180.60	W 783.58	1,416.9
	5130	4,918.81	4,868.81	N 1,184.30	W 784.17	1,420.3
	5140	4,928.08	4,878.08	N 1,188.01	W 784.75	1,423.8
	5150	4,937.34	4,887.34	N 1,191.73	W 785.34	1,427.2
	5160	4,946.61	4,896.61	N 1,195.44	W 785.93	1,430.6
	5170	4,955.87	4,905.87	N 1,199.16	W 786.52	1,434.0
	5180	4,965.14	4,915.14	N 1,202.88	W 787.11	1,437.5
	5190	4,974.40	4,924.40	N 1,206.61	W 787.70	1,440.9
	5200	4,983.66	4,933.66	N 1,210.34	W 788.29	1,444.4
	5210	4,992.92	4,942.92	N 1,214.07	W 788.88	1,447.8
	5220	5,002.17	4,952.17	N 1,217.80	W 789.47	1,451.3
	5230	5,011.43	4,961.43	N 1,221.54	W 790.06	1,454.7
*	5235	5,016.06	4,966.06	N 1,223.41	W 790.36	1,456.5
	5240	5,020.68	4,970.68	N 1,225.29	W 790.59	1,458.2
	5250	5,029.94	4,979.94	N 1,229.06	W 791.05	1,461.6
	5260	5,039.19	4,989.19	N 1,232.82	W 791.52	1,465.0
	5270	5,048.44	4,998.44	N 1,236.60	W 791.98	1,468.4
	5280	5,057.69	5,007.69	N 1,240.37	W 792.44	1,471.9
	5290	5,066.93	5,016.93	N 1,244.15	W 792.91	1,475.3
	5300	5,076.18	5,026.18	N 1,247.93	W 793.37	1,478.7
	5310	5,085.42	5,035.42	N 1,251.72	W 793.84	1,482.2
	5320	5,094.67	5,044.67	N 1,255.51	W 794.30	1,485.6
	5330	5,103.91	5,053.91	N 1,259.30	W 794.77	1,489.1
	5340	5,113.15	5,063.15	N 1,263.10	W 795.23	1,492.5
	5350	5,122.38	5,072.38	N 1,266.90	W 795.70	1,496.0
	5360	5,131.62	5,081.62	N 1,270.70	W 796.17	1,499.5
	5370	5,140.85	5,090.85	N 1,274.51	W 796.63	1,503.0
	5380	5,150.09	5,100.09	N 1,278.33	W 797.10	1,506.4
	5390	5,159.32	5,109.32	N 1,282.14	W 797.57	1,509.9
	5400	5,168.55	5,118.55	N 1,285.96	W 798.04	1,513.4
	5410	5,177.78	5,127.78	N 1,289.78	W 798.51	1,516.9
	5420	5,187.00	5,137.00	N 1,293.61	W 798.98	1,520.4
	5430	5,196.23	5,146.23	N 1,297.44	W 799.45	1,523.9
	5440	5,205.45	5,155.45	N 1,301.28	W 799.92	1,527.4
*	5450	5,214.67	5,164.67	N 1,305.11	W 800.39	1,531.0
	5460	5,223.89	5,173.89	N 1,308.96	W 800.86	1,534.5

WELL FILE

DIRECTIONAL SURVEY FOR WELL L016-11

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WELL NO. Z2A-21-795-D-L016(L016-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CO - ORDINATES			HORIZONTAL DISTANCE
5470	5,233.11	5,183.11	N 1,312.82	W 801.34		1,538.0
5480	5,242.32	5,192.32	N 1,316.69	W 801.81		1,541.6
5490	5,251.52	5,201.52	N 1,320.57	W 802.29		1,545.1
5500	5,260.72	5,210.72	N 1,324.45	W 802.77		1,548.7
5510	5,269.92	5,219.92	N 1,328.35	W 803.24		1,552.3
5520	5,279.11	5,229.11	N 1,332.26	W 803.72		1,555.9
5530	5,288.30	5,238.30	N 1,336.18	W 804.20		1,559.5
5540	5,297.48	5,247.48	N 1,340.10	W 804.69		1,563.1
5550	5,306.66	5,256.66	N 1,344.04	W 805.17		1,566.7
5560	5,315.84	5,265.84	N 1,347.99	W 805.65		1,570.4
5570	5,325.01	5,275.01	N 1,351.94	W 806.14		1,574.0
5580	5,334.18	5,284.18	N 1,355.91	W 806.63		1,577.7
5590	5,343.34	5,293.34	N 1,359.88	W 807.12		1,581.3
5600	5,352.50	5,302.50	N 1,363.87	W 807.61		1,585.0
5610	5,361.65	5,311.65	N 1,367.86	W 808.10		1,588.7
* 5612	5,363.48	5,313.48	N 1,368.66	W 808.19		1,589.4
5620	5,370.80	5,320.80	N 1,371.87	W 808.59		1,592.4
5630	5,379.95	5,329.95	N 1,375.88	W 809.08		1,596.1
5640	5,389.10	5,339.10	N 1,379.89	W 809.57		1,599.8
5650	5,398.24	5,348.24	N 1,383.91	W 810.07		1,603.5
5660	5,407.38	5,357.38	N 1,387.94	W 810.56		1,607.3
5670	5,416.51	5,366.51	N 1,391.98	W 811.06		1,611.0
5680	5,425.65	5,375.65	N 1,396.02	W 811.55		1,614.7
5690	5,434.78	5,384.78	N 1,400.07	W 812.05		1,618.5
5700	5,443.90	5,393.90	N 1,404.13	W 812.55		1,622.2
5710	5,453.03	5,403.03	N 1,408.19	W 813.05		1,626.0
5720	5,462.15	5,412.15	N 1,412.26	W 813.55		1,629.8
5730	5,471.26	5,421.26	N 1,416.34	W 814.05		1,633.6
5740	5,480.38	5,430.38	N 1,420.42	W 814.55		1,637.4
5750	5,489.49	5,439.49	N 1,424.51	W 815.05		1,641.2
5760	5,498.60	5,448.60	N 1,428.61	W 815.55		1,645.0
5770	5,507.70	5,457.70	N 1,432.71	W 816.06		1,648.8
5780	5,516.81	5,466.81	N 1,436.82	W 816.56		1,652.6
5790	5,525.91	5,475.91	N 1,440.94	W 817.07		1,656.4
5800	5,535.00	5,485.00	N 1,445.06	W 817.57		1,660.3
5810	5,544.10	5,494.10	N 1,449.19	W 818.08		1,664.1
5820	5,553.19	5,503.19	N 1,453.33	W 818.59		1,668.0
5830	5,562.27	5,512.27	N 1,457.47	W 819.10		1,671.8
5840	5,571.36	5,521.36	N 1,461.62	W 819.61		1,675.7
* 5848	5,578.62	5,528.62	N 1,464.95	W 820.02		1,678.8
5850	5,580.44	5,530.44	N 1,465.78	W 820.12		1,679.6
5860	5,589.52	5,539.52	N 1,469.94	W 820.63		1,683.4
5870	5,598.60	5,548.60	N 1,474.10	W 821.14		1,687.3
5880	5,607.67	5,557.67	N 1,478.27	W 821.65		1,691.2
5890	5,616.75	5,566.75	N 1,482.44	W 822.16		1,695.1

WELL FILE

DIRECTIONAL SURVEY FOR WELL LD16-11

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WELL NO. Z2A-21-795-D-LD16(LD16-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CO - ORDINATES		HORIZONT DISTANCE
5900	5,625.82	5,575.82	N 1,486.61	W 822.68	1,699.0
5910	5,634.89	5,584.89	N 1,490.79	W 823.19	1,702.6
5920	5,643.96	5,593.96	N 1,494.98	W 823.70	1,706.8
5930	5,653.02	5,603.02	N 1,499.16	W 824.22	1,710.8
5940	5,662.09	5,612.09	N 1,503.35	W 824.73	1,714.7
5950	5,671.15	5,621.15	N 1,507.55	W 825.25	1,718.6
* 5952	5,672.96	5,622.96	N 1,508.38	W 825.35	1,719.4
5960	5,680.22	5,630.22	N 1,511.75	W 825.58	1,722.4
5970	5,689.29	5,639.29	N 1,515.95	W 825.88	1,726.3
5980	5,698.37	5,648.37	N 1,520.13	W 826.17	1,730.1
5990	5,707.45	5,657.45	N 1,524.31	W 826.46	1,733.9
6000	5,716.54	5,666.54	N 1,528.47	W 826.75	1,737.7
6010	5,725.63	5,675.63	N 1,532.62	W 827.04	1,741.5
6020	5,734.73	5,684.73	N 1,536.76	W 827.33	1,745.3
6030	5,743.83	5,693.83	N 1,540.89	W 827.62	1,749.0
6040	5,752.94	5,702.94	N 1,545.01	W 827.91	1,752.8
6050	5,762.05	5,712.05	N 1,549.12	W 828.20	1,756.6
6060	5,771.17	5,721.17	N 1,553.21	W 828.48	1,760.3
6070	5,780.29	5,730.29	N 1,557.30	W 828.77	1,764.1
6080	5,789.42	5,739.42	N 1,561.37	W 829.05	1,767.8
6090	5,798.56	5,748.56	N 1,565.44	W 829.34	1,771.5
6100	5,807.69	5,757.69	N 1,569.49	W 829.62	1,775.2
6110	5,816.84	5,766.84	N 1,573.53	W 829.90	1,778.9
6120	5,825.98	5,775.98	N 1,577.56	W 830.19	1,782.6
6130	5,835.14	5,785.14	N 1,581.58	W 830.47	1,786.3
* 6131	5,836.05	5,786.05	N 1,581.98	W 830.50	1,786.7
6140	5,844.29	5,794.29	N 1,585.59	W 830.75	1,790.0
6150	5,853.45	5,803.45	N 1,589.59	W 831.03	1,793.7
6160	5,862.62	5,812.62	N 1,593.58	W 831.31	1,797.3
6170	5,871.78	5,821.78	N 1,597.57	W 831.59	1,801.0
6180	5,880.96	5,830.96	N 1,601.54	W 831.86	1,804.7
6190	5,890.13	5,840.13	N 1,605.51	W 832.14	1,808.3
6200	5,899.31	5,849.31	N 1,609.47	W 832.42	1,811.9
6210	5,908.49	5,858.49	N 1,613.42	W 832.69	1,815.6
6220	5,917.68	5,867.68	N 1,617.36	W 832.97	1,819.2
6230	5,926.87	5,876.87	N 1,621.29	W 833.24	1,822.8
6240	5,936.06	5,886.06	N 1,625.21	W 833.52	1,826.4
6250	5,945.26	5,895.26	N 1,629.13	W 833.79	1,830.1
6260	5,954.46	5,904.46	N 1,633.03	W 834.07	1,833.7
* 6270	5,963.67	5,913.67	N 1,636.93	W 834.34	1,837.3
6280	5,972.88	5,922.88	N 1,640.83	W 834.41	1,840.8
6290	5,982.09	5,932.09	N 1,644.71	W 834.47	1,844.3
6300	5,991.31	5,941.31	N 1,648.59	W 834.54	1,847.7
6310	6,000.53	5,950.53	N 1,652.46	W 834.61	1,851.2
6320	6,009.76	5,959.76	N 1,656.31	W 834.68	1,854.7

WELL FILE

DIRECTIONAL SURVEY FOR WELL L016-11

10

WELL NO. Z2A-21-795-D-L016(L016-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CO - ORDINATES			HORIZONT DISTANCE
6330	6,018.99	5,968.99	N 1,660.16	W	834.74	1,858.2
6340	6,028.22	5,978.22	N 1,664.00	W	834.81	1,861.6
6350	6,037.46	5,987.46	N 1,667.82	W	834.88	1,865.1
6360	6,046.70	5,996.70	N 1,671.64	W	834.94	1,868.5
6370	6,055.95	6,005.95	N 1,675.44	W	835.01	1,871.9
6380	6,065.20	6,015.20	N 1,679.24	W	835.08	1,875.4
6390	6,074.46	6,024.46	N 1,683.03	W	835.14	1,878.8
6400	6,083.72	6,033.72	N 1,686.80	W	835.21	1,882.2
6410	6,092.98	6,042.98	N 1,690.57	W	835.27	1,885.6
6420	6,102.25	6,052.25	N 1,694.32	W	835.34	1,889.0
6430	6,111.52	6,061.52	N 1,698.07	W	835.41	1,892.4
6440	6,120.80	6,070.80	N 1,701.80	W	835.47	1,895.8
6450	6,130.08	6,080.08	N 1,705.53	W	835.54	1,899.2
6460	6,139.36	6,089.36	N 1,709.24	W	835.60	1,902.5
6470	6,148.65	6,098.65	N 1,712.95	W	835.66	1,905.9
6480	6,157.94	6,107.94	N 1,716.64	W	835.73	1,909.2
6490	6,167.24	6,117.24	N 1,720.33	W	835.79	1,912.6
6500	6,176.54	6,126.54	N 1,724.00	W	835.86	1,915.9
6510	6,185.84	6,135.84	N 1,727.67	W	835.92	1,919.2
6520	6,195.15	6,145.15	N 1,731.32	W	835.99	1,922.5
6530	6,204.46	6,154.46	N 1,734.97	W	836.05	1,925.9
6540	6,213.78	6,163.78	N 1,738.60	W	836.11	1,929.2
* 6550	6,223.10	6,173.10	N 1,742.22	W	836.18	1,932.4
6560	6,232.42	6,182.42	N 1,745.82	W	835.88	1,935.6
6570	6,241.76	6,191.76	N 1,749.40	W	835.58	1,938.7
6580	6,251.09	6,201.09	N 1,752.97	W	835.28	1,941.8
6590	6,260.44	6,210.44	N 1,756.52	W	834.99	1,944.8
6600	6,269.78	6,219.78	N 1,760.06	W	834.69	1,947.9
6610	6,279.14	6,229.14	N 1,763.58	W	834.40	1,951.0
6620	6,288.50	6,238.50	N 1,767.09	W	834.11	1,954.0
6630	6,297.86	6,247.86	N 1,770.58	W	833.82	1,957.0
6640	6,307.24	6,257.24	N 1,774.06	W	833.53	1,960.1
6650	6,316.61	6,266.61	N 1,777.52	W	833.24	1,963.1
6660	6,326.00	6,276.00	N 1,780.97	W	832.96	1,966.1
6670	6,335.38	6,285.38	N 1,784.40	W	832.67	1,969.1
6680	6,344.78	6,294.78	N 1,787.82	W	832.39	1,972.1
6690	6,354.18	6,304.18	N 1,791.23	W	832.10	1,975.0
6700	6,363.58	6,313.58	N 1,794.61	W	831.82	1,978.0
6710	6,372.99	6,322.99	N 1,797.99	W	831.54	1,980.9
6720	6,382.40	6,332.40	N 1,801.34	W	831.26	1,983.9
6730	6,391.83	6,341.83	N 1,804.69	W	830.99	1,986.8
6740	6,401.25	6,351.25	N 1,808.02	W	830.71	1,989.7
6750	6,410.68	6,360.68	N 1,811.33	W	830.43	1,992.6
6760	6,420.12	6,370.12	N 1,814.63	W	830.16	1,995.5
6770	6,429.56	6,379.56	N 1,817.91	W	829.89	1,998.3

WELL FILE

DIRECTIONAL SURVEY FOR WELL LO16-11

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WELL NO. Z2A-21-795-D-LO16(LO16-11) ELEVATION: 50 FEET NUMBER OF DATA POINTS:

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CO - ORDINATES			HORIZONTAL DISTANCE
6780	6,439.01	6,389.01	N 1,821.18	W	829.62	2,001.2
6790	6,448.46	6,398.46	N 1,824.43	W	829.35	2,004.0
6800	6,457.92	6,407.92	N 1,827.67	W	829.08	2,006.9
6810	6,467.38	6,417.38	N 1,830.89	W	828.81	2,009.7
6820	6,476.85	6,426.85	N 1,834.10	W	828.54	2,012.5
6830	6,486.32	6,436.32	N 1,837.29	W	828.28	2,015.3
6840	6,495.80	6,445.80	N 1,840.47	W	828.01	2,018.1
6850	6,505.28	6,455.28	N 1,843.63	W	827.75	2,020.9
6860	6,514.77	6,464.77	N 1,846.78	W	827.49	2,023.6
6870	6,524.26	6,474.26	N 1,849.91	W	827.23	2,026.4
6880	6,533.76	6,483.76	N 1,853.02	W	826.97	2,029.1
6890	6,543.27	6,493.27	N 1,856.13	W	826.71	2,031.9
6900	6,552.77	6,502.77	N 1,859.21	W	826.45	2,034.6
6910	6,562.29	6,512.29	N 1,862.28	W	826.20	2,037.3
6920	6,571.81	6,521.81	N 1,865.34	W	825.95	2,040.0
6930	6,581.33	6,531.33	N 1,868.38	W	825.69	2,042.7
6940	6,590.86	6,540.86	N 1,871.41	W	825.44	2,045.3
6950	6,600.39	6,550.39	N 1,874.42	W	825.19	2,048.0
6960	6,609.93	6,559.93	N 1,877.41	W	824.94	2,050.6
6970	6,619.47	6,569.47	N 1,880.39	W	824.70	2,053.2
6980	6,629.02	6,579.02	N 1,883.36	W	824.45	2,055.9
6990	6,638.57	6,588.57	N 1,886.31	W	824.20	2,058.5
7000	6,648.13	6,598.13	N 1,889.24	W	823.96	2,061.1
7010	6,657.69	6,607.69	N 1,892.16	W	823.72	2,063.6
7020	6,667.25	6,617.25	N 1,895.06	W	823.48	2,066.2
7030	6,676.82	6,626.82	N 1,897.95	W	823.24	2,068.8
7040	6,686.40	6,636.40	N 1,900.83	W	823.00	2,071.3
7050	6,695.98	6,645.98	N 1,903.68	W	822.76	2,073.8
7060	6,705.56	6,655.56	N 1,906.53	W	822.52	2,076.3
7070	6,715.15	6,665.15	N 1,909.35	W	822.29	2,078.8
7080	6,724.75	6,674.75	N 1,912.17	W	822.05	2,081.3
7090	6,734.34	6,684.34	N 1,914.96	W	821.82	2,083.8
7100	6,743.95	6,693.95	N 1,917.74	W	821.59	2,086.3
7110	6,753.55	6,703.55	N 1,920.51	W	821.36	2,088.7
7120	6,763.16	6,713.16	N 1,923.26	W	821.13	2,091.2
7130	6,772.78	6,722.78	N 1,926.00	W	820.91	2,093.6
7140	6,782.40	6,732.40	N 1,928.72	W	820.68	2,096.0
* 7150	6,792.02	6,742.02	N 1,931.42	W	820.45	2,098.4
7160	6,801.65	6,751.65	N 1,934.08	W	819.95	2,100.7
7170	6,811.29	6,761.29	N 1,936.71	W	819.45	2,102.9
7180	6,820.92	6,770.92	N 1,939.33	W	818.95	2,105.1
7190	6,830.57	6,780.57	N 1,941.94	W	818.46	2,107.3
7200	6,840.21	6,790.21	N 1,944.53	W	817.97	2,109.5
7210	6,849.86	6,799.86	N 1,947.11	W	817.48	2,111.7
7220	6,859.52	6,809.52	N 1,949.67	W	816.99	2,113.9

WELL FILE

DIRECTIONAL SURVEY FOR WELL LD16-11

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WELL NO. Z2A-21-795-D-LD16(LD16-11) ELEVATION: 50 FEET NUMBER OF DATA POINT

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CO - ORDINATES		HORIZONT DISTANCE
7230	6,869.17	6,819.17	N 1,952.22	W 816.51	2,116.0
7240	6,878.84	6,828.84	N 1,954.75	W 816.03	2,118.2
7250	6,888.50	6,838.50	N 1,957.27	W 815.55	2,120.3
7260	6,898.17	6,848.17	N 1,959.77	W 815.07	2,122.5
7270	6,907.85	6,857.85	N 1,962.26	W 814.60	2,124.6
7280	6,917.52	6,867.52	N 1,964.73	W 814.13	2,126.7
7290	6,927.21	6,877.21	N 1,967.19	W 813.66	2,128.8
7300	6,936.89	6,886.89	N 1,969.63	W 813.20	2,130.9
7310	6,946.58	6,896.58	N 1,972.06	W 812.74	2,132.9
7320	6,956.28	6,906.28	N 1,974.47	W 812.28	2,135.0
7330	6,965.97	6,915.97	N 1,976.87	W 811.83	2,137.0
7340	6,975.68	6,925.68	N 1,979.25	W 811.38	2,139.1
7350	6,985.38	6,935.38	N 1,981.62	W 810.93	2,141.1
7360	6,995.09	6,945.09	N 1,983.97	W 810.48	2,143.1
7370	7,004.80	6,954.80	N 1,986.30	W 810.04	2,145.1
7380	7,014.52	6,964.52	N 1,988.63	W 809.59	2,147.1
7390	7,024.24	6,974.24	N 1,990.93	W 809.16	2,149.0
7400	7,033.96	6,983.96	N 1,993.22	W 808.72	2,151.0
7410	7,043.69	6,993.69	N 1,995.50	W 808.29	2,152.9
7420	7,053.42	7,003.42	N 1,997.76	W 807.86	2,154.9
7430	7,063.16	7,013.16	N 2,000.01	W 807.43	2,156.8
7440	7,072.90	7,022.90	N 2,002.24	W 807.01	2,158.7
7450	7,082.64	7,032.64	N 2,004.46	W 806.59	2,160.6
7460	7,092.39	7,042.39	N 2,006.66	W 806.17	2,162.5
7470	7,102.13	7,052.13	N 2,008.84	W 805.76	2,164.4
7480	7,111.89	7,061.89	N 2,011.02	W 805.34	2,166.2
7490	7,121.64	7,071.64	N 2,013.17	W 804.93	2,168.1
7500	7,131.40	7,081.40	N 2,015.31	W 804.53	2,169.9
7510	7,141.17	7,091.17	N 2,017.44	W 804.12	2,171.7
7520	7,150.93	7,100.93	N 2,019.55	W 803.72	2,173.6
7530	7,160.70	7,110.70	N 2,021.64	W 803.33	2,175.4
7540	7,170.48	7,120.48	N 2,023.72	W 802.93	2,177.1
7550	7,180.25	7,130.25	N 2,025.79	W 802.54	2,178.9
7560	7,190.03	7,140.03	N 2,027.84	W 802.15	2,180.7
7570	7,199.82	7,149.82	N 2,029.87	W 801.76	2,182.4
7580	7,209.60	7,159.60	N 2,031.89	W 801.38	2,184.2
7590	7,219.39	7,169.39	N 2,033.90	W 801.00	2,185.9
7600	7,229.19	7,179.19	N 2,035.89	W 800.62	2,187.6
7610	7,238.98	7,188.98	N 2,037.86	W 800.25	2,189.3
7620	7,248.78	7,198.78	N 2,039.82	W 799.88	2,191.0
7630	7,258.58	7,208.58	N 2,041.76	W 799.51	2,192.7
7640	7,268.39	7,218.39	N 2,043.69	W 799.14	2,194.3
7650	7,278.20	7,228.20	N 2,045.60	W 798.78	2,196.0
7660	7,288.01	7,238.01	N 2,047.50	W 798.42	2,197.6
7670	7,297.82	7,247.82	N 2,049.38	W 798.06	2,199.2

WELL FILE

DIRECTIONAL SURVEY FOR WELL LO16-11

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WELL FILE

WELL NO. Z2A-21-795-D-LO16(LO16-11) ELEVATION: 50 FEET-- NUMBER OF DATA POINTS

CONDUCTOR DATA: 382' MD. DEVIATION: 14.00 DEGREES ORIENTATION: N - 46.00

MEASURED DEPTH	VERTICAL DEPTH	TRUE SUB-SEA	TOTAL CD -	ORDINATES	HORIZONTAL DISTANCE
7680	7,307.64	7,257.64	N 2,051.25	W 797.70	2,200.9
7690	7,317.46	7,267.46	N 2,053.10	W 797.35	2,202.5
7700	7,327.29	7,277.29	N 2,054.94	W 797.00	2,204.0
7710	7,337.11	7,287.11	N 2,056.76	W 796.66	2,205.6
7720	7,346.94	7,296.94	N 2,058.57	W 796.32	2,207.2
7730	7,356.77	7,306.77	N 2,060.36	W 795.98	2,208.7
7740	7,366.61	7,316.61	N 2,062.14	W 795.64	2,210.3
7750	7,376.45	7,326.45	N 2,063.90	W 795.30	2,211.8
7760	7,386.29	7,336.29	N 2,065.64	W 794.97	2,213.3
7770	7,396.13	7,346.13	N 2,067.37	W 794.64	2,214.8
7780	7,405.98	7,355.98	N 2,069.09	W 794.32	2,216.3
* 7786	7,411.89	7,361.89	N 2,070.11	W 794.12	2,217.2
7790	7,415.83	7,365.83	N 2,070.79	W 793.97	2,217.7
7800	7,425.67	7,375.67	N 2,072.48	W 793.58	2,219.2
7810	7,435.52	7,385.52	N 2,074.17	W 793.19	2,220.6
7820	7,445.37	7,395.37	N 2,075.87	W 792.80	2,222.1
7830	7,455.22	7,405.22	N 2,077.56	W 792.41	2,223.5
7840	7,465.07	7,415.07	N 2,079.25	W 792.01	2,224.9
7850	7,474.92	7,424.92	N 2,080.94	W 791.62	2,226.4
7860	7,484.76	7,434.76	N 2,082.63	W 791.23	2,227.8
7870	7,494.61	7,444.61	N 2,084.33	W 790.84	2,229.3
7880	7,504.46	7,454.46	N 2,086.02	W 790.45	2,230.7
7890	7,514.31	7,464.31	N 2,087.71	W 790.06	2,232.2
7900	7,524.16	7,474.16	N 2,089.40	W 789.67	2,233.6
7910	7,534.00	7,484.00	N 2,091.09	W 789.28	2,235.0
7920	7,543.85	7,493.85	N 2,092.78	W 788.89	2,236.5
7930	7,553.70	7,503.70	N 2,094.48	W 788.50	2,237.9
7940	7,563.55	7,513.55	N 2,096.17	W 788.11	2,239.4
7950	7,573.40	7,523.40	N 2,097.86	W 787.72	2,240.8
7960	7,583.25	7,533.25	N 2,099.55	W 787.33	2,242.3
7970	7,593.09	7,543.09	N 2,101.24	W 786.94	2,243.7
7980	7,602.94	7,552.94	N 2,102.94	W 786.55	2,245.2
7990	7,612.79	7,562.79	N 2,104.63	W 786.16	2,246.6
8000	7,622.64	7,572.64	N 2,106.32	W 785.76	2,248.1
* 8010	7,632.49	7,582.49	N 2,108.01	W 785.37	2,249.5

WELL FILE