

Survey Depth (ft)	Incl (°)	Azimuth (°)	Course Lgth (ft)	TVD (ft)	VS (ft)	Coordinates		DLS (°/100')	Bld Rate (°/100')	W/k Rate (°/100')	Remarks	
						N/S (ft)	E/W (ft)					
118	0.20	349.10	118	118.00	0.12	0.20	N	0.04	W	0.17	0.2	295.8
206	0.70	5.50	88	206.00	0.64	0.89	N	0.02	W	0.58	0.6	-390.5
298	1.50	33.90	92	297.98	2.29	2.45	N	0.71	E	1.03	0.9	30.9
388	1.70	30.30	90	387.94	4.76	4.58	N	2.04	E	0.25	0.2	-4.0
478	1.80	30.80	90	477.90	7.45	6.94	N	3.44	E	0.11	0.1	0.6
567	1.20	346.00	89	566.87	9.33	9.05	N	3.93	E	1.43	-0.7	354.2
657	1.70	341.60	90	656.85	10.50	11.23	N	3.28	E	0.57	0.6	-4.9
779	0.30	11.60	122	778.82	11.66	13.26	N	2.77	E	1.19	-1.1	-270.5
850	0.40	86.10	71	849.82	12.00	13.46	N	3.06	E	0.61	0.1	104.9
945	0.30	73.50	95	944.82	12.45	13.55	N	3.62	E	0.13	-0.1	-13.3
1040	1.00	38.20	95	1039.81	13.49	14.27	N	4.38	E	0.82	0.7	-37.2
1135	3.40	23.90	95	1134.74	16.99	17.50	N	6.03	E	2.57	2.5	-15.1
1231	5.30	25.70	96	1230.46	23.94	24.10	N	9.11	E	1.98	2.0	1.9
1325	6.00	26.70	94	1324.00	32.83	32.40	N	13.20	E	0.75	0.7	1.1
1420	6.60	20.40	95	1418.43	42.67	41.95	N	17.33	E	0.96	0.6	-6.6
1516	6.90	19.70	96	1513.76	53.11	52.55	N	21.20	E	0.32	0.3	-0.7
1611	7.40	15.10	95	1608.02	63.81	63.83	N	24.71	E	0.80	0.5	-4.8
1706	8.10	17.20	95	1702.16	75.30	76.13	N	28.29	E	0.79	0.7	2.2
1801	8.90	15.50	95	1796.11	87.91	89.61	N	32.23	E	0.88	0.8	-1.8
1896	9.60	13.90	95	1889.88	101.43	104.38	N	36.10	E	0.78	0.7	-1.7
1991	9.80	13.90	95	1983.52	115.50	119.92	N	39.94	E	0.21	0.2	0.0
2085	9.80	17.40	94	2076.15	129.78	135.32	N	44.26	E	0.63	0.0	3.7
2178	10.30	17.10	93	2167.72	144.47	150.82	N	49.07	E	0.54	0.5	-0.3
2272	9.40	19.20	94	2260.33	159.12	166.10	N	54.06	E	1.03	-1.0	2.2
2368	9.50	21.50	96	2355.03	173.73	180.87	N	59.55	E	0.41	0.1	2.4
2463	10.60	21.30	95	2448.57	189.21	196.31	N	65.59	E	1.16	1.2	-0.2
2558	10.90	23.70	95	2541.90	205.87	212.67	N	72.38	E	0.57	0.3	2.5
2653	11.60	22.50	95	2635.08	223.36	229.72	N	79.64	E	0.78	0.7	-1.3
2748	11.80	20.80	95	2728.10	241.37	247.63	N	86.75	E	0.42	0.2	-1.8
2843	11.90	19.20	95	2821.08	259.41	265.96	N	93.42	E	0.36	0.1	-1.7
2938	11.90	18.10	95	2914.04	277.34	284.52	N	99.68	E	0.24	0.0	-1.2
3033	12.00	18.30	95	3006.98	295.28	303.20	N	105.83	E	0.11	0.1	0.2
3127	10.90	17.60	94	3099.11	312.27	320.95	N	111.58	E	1.18	-1.2	-0.7
3222	11.00	17.20	95	3192.38	328.63	338.17	N	116.98	E	0.13	0.1	-0.4
3317	10.40	16.20	95	3285.73	344.53	355.07	N	122.05	E	0.66	-0.6	-1.1
3412	9.90	17.80	95	3379.24	359.65	371.08	N	126.94	E	0.60	-0.5	1.7
3508	10.60	17.80	96	3473.71	375.18	387.34	N	132.16	E	0.73	0.7	0.0
3602	10.70	22.50	94	3566.09	391.25	403.64	N	138.14	E	0.93	0.1	5.0
3696	10.30	19.70	94	3658.52	407.21	419.61	N	144.32	E	0.69	-0.4	-3.0
3792	9.80	18.30	96	3753.04	422.58	435.45	N	149.77	E	0.58	-0.5	-1.5
3887	9.80	16.70	95	3846.66	437.25	450.87	N	154.64	E	0.29	0.0	-1.7
3982	9.20	19.90	95	3940.35	451.55	465.75	N	159.55	E	0.84	-0.6	3.4
4078	10.00	19.90	96	4035.01	466.35	480.81	N	164.99	E	0.83	0.8	0.0
4173	9.60	22.20	95	4128.62	481.40	495.90	N	170.80	E	0.59	-0.4	2.4
4268	9.30	18.30	95	4222.33	495.84	510.52	N	176.20	E	0.74	-0.3	-4.1
4363	8.70	18.50	95	4316.16	509.42	524.62	N	180.89	E	0.63	-0.6	0.2
4458	9.80	17.10	95	4409.93	523.30	539.16	N	185.55	E	1.18	1.2	-1.5
4553	11.30	18.30	95	4503.32	539.11	555.73	N	190.85	E	1.60	1.6	1.3
4648	11.90	19.00	95	4596.38	556.59	573.82	N	196.96	E	0.65	0.6	0.7
4742	11.80	18.80	94	4688.37	574.30	592.09	N	203.21	E	0.12	-0.1	-0.2
4837	11.60	22.00	95	4781.40	592.15	610.14	N	209.92	E	0.71	-0.2	3.4
4932	12.40	37.30	95	4874.35	611.27	627.11	N	219.68	E	3.44	0.8	16.1
5026	13.00	40.40	94	4966.05	631.89	643.19	N	232.65	E	0.97	0.6	3.3
5122	12.20	50.30	96	5059.75	652.73	657.90	N	247.45	E	2.40	-0.8	10.3
5217	12.60	55.40	95	5152.53	672.77	670.19	N	263.71	E	1.23	0.4	5.4
5312	13.60	61.20	95	5245.07	693.44	681.46	N	282.02	E	1.74	1.1	6.1
5407	15.00	70.70	95	5337.13	714.84	690.90	N	303.42	E	2.87	1.5	10.0
5502	15.20	84.00	95	5428.88	734.98	696.27	N	327.42	E	3.65	0.2	14.0
5597	16.40	87.90	95	5520.29	753.69	698.06	N	353.20	E	1.69	1.3	4.1
5691	19.30	86.50	94	5609.76	774.15	699.50	N	381.98	E	3.12	3.1	-1.5
5786	18.80	86.50	95	5699.55	796.41	701.39	N	412.93	E	0.53	-0.5	0.0
5881	17.90	85.10	95	5789.72	818.13	703.57	N	442.75	E	1.05	-0.9	-1.5
5976	15.60	83.50	95	5880.69	838.49	706.27	N	469.99	E	2.47	-2.4	-1.7
6070	14.50	85.30	94	5971.46	856.63	708.66	N	494.28	E	1.27	-1.2	1.9
6165	13.40	87.00	95	6063.66	873.18	710.21	N	517.13	E	1.24	-1.2	1.8
6261	11.10	84.90	96	6157.47	887.91	711.62	N	537.44	E	2.44	-2.4	-2.2
6356	10.50	87.40	95	6250.78	900.77	712.82	N	555.20	E	0.80	-0.6	2.6
6451	9.80	85.60	95	6344.30	912.79	713.84	N	571.91	E	0.81	-0.7	-1.9
6546	9.00	90.00	95	6438.02	923.69	714.46	N	587.40	E	1.13	-0.8	4.6
6640	9.60	91.80	94	6530.79	933.74	714.21	N	602.59	E	0.71	0.6	1.9
6736	7.80	89.30	96	6625.68	943.40	714.04	N	617.10	E	1.92	-1.9	-2.6
6831	6.50	90.20	95	6719.94	951.42	714.10	N	628.93	E	1.37	-1.4	0.9
6926	4.90	87.20	95	6814.47	957.91	714.28	N	638.36	E	1.71	-1.7	-3.2
7020	3.70	87.60	94	6908.20	962.89	714.60	N	645.40	E	1.28	-1.3	0.4
7115	2.90	87.00	95	7003.04	966.77	714.85	N	650.86	E	0.84	-0.8	-0.6
7210	2.00	87.70	95	7097.95	969.64	715.05	N	654.92	E	0.95	-0.9	0.7
7305	0.90	61.20	95	7192.92	971.51	715.47	N	657.23	E	1.33	-1.2	-27.9
7400	0.80	71.20	95	7287.91	972.80	716.05	N	658.51	E	0.19	-0.1	10.5
7590	0.50	83.70	190	7477.90	974.59	716.56	N	660.59	E	0.17	-0.2	6.6
7779	0.40	121.70	189	7666.89	975.33	716.31	N	661.97	E	0.16	-0.1	20.1
7829	0.40	121.70	50	7716.89	975.39	716.12	N	662.27	E	0.00	0.0	0.0

Surveys			
N/S	E/W	VS	TVD
0.20	-0.04	0.12	118.00
0.89	-0.02	0.64	206.00
2.45	0.71	2.29	297.98
4.58	2.04	4.76	387.94
6.94	3.44	7.45	477.90
9.05	3.93	9.33	566.87
11.23	3.28	10.50	656.85
13.26	2.77	11.66	778.82
13.46	3.06	12.00	849.82
13.55	3.62	12.45	944.82
14.27	4.38	13.49	1039.81
17.50	6.03	16.99	1134.74
24.10	9.11	23.94	1230.46
32.40	13.20	32.83	1324.00
41.95	17.33	42.67	1418.43
52.55	21.20	53.11	1513.76
63.83	24.71	63.81	1608.02
76.13	28.29	75.30	1702.16
89.61	32.23	87.91	1796.11
104.38	36.10	101.43	1889.88
119.92	39.94	115.50	1983.52
135.32	44.26	129.78	2076.15
150.82	49.07	144.47	2167.72
166.10	54.06	159.12	2260.33
180.87	59.55	173.73	2355.03
196.31	65.59	189.21	2448.57
212.67	72.38	205.87	2541.90
229.72	79.64	223.36	2635.08
247.63	86.75	241.37	2728.10
265.96	93.42	259.41	2821.08
284.52	99.68	277.34	2914.04
303.20	105.83	295.28	3006.98
320.95	111.58	312.27	3099.11
338.17	116.98	328.63	3192.38
355.07	122.05	344.53	3285.73
371.08	126.94	359.65	3379.24
387.34	132.16	375.18	3473.71
403.64	138.14	391.25	3566.09
419.61	144.32	407.21	3658.52
435.45	149.77	422.58	3753.04
450.87	154.64	437.25	3846.66
465.75	159.55	451.55	3940.35
480.81	164.99	466.35	4035.01
495.90	170.80	481.40	4128.62
510.52	176.20	495.84	4222.33
524.62	180.89	509.42	4316.16
539.16	185.55	523.30	4409.93
555.73	190.85	539.11	4503.32
573.82	196.96	556.59	4596.38
592.09	203.21	574.30	4688.37
610.14	209.92	592.15	4781.40
627.11	219.68	611.27	4874.35
643.19	232.65	631.89	4966.05
657.90	247.45	652.73	5059.75
670.19	263.71	672.77	5152.53
681.46	282.02	693.44	5245.07
690.90	303.42	714.84	5337.13
696.27	327.42	734.98	5428.88
698.06	353.20	753.69	5520.29
699.50	381.98	774.15	5609.76
701.39	412.93	796.41	5699.55
703.57	442.75	818.13	5789.72
706.27	469.99	838.49	5880.69
708.66	494.28	856.63	5971.46
710.21	517.13	873.18	6063.66
711.62	537.44	887.91	6157.47
712.82	555.20	900.77	6250.78
713.84	571.91	912.79	6344.30
714.46	587.40	923.69	6438.02
714.21	602.59	933.74	6530.79
714.04	617.10	943.40	6625.68
714.10	628.93	951.42	6719.94
714.28	638.36	957.91	6814.47
714.60	645.40	962.89	6908.20
714.85	650.86	966.77	7003.04
715.05	654.92	969.64	7097.95
715.47	657.23	971.51	7192.92
716.05	658.51	972.80	7287.91
716.56	660.59	974.59	7477.90
716.31	661.97	975.33	7666.89
716.12	662.27	975.39	7716.89