

GyroTracer Directional:

Date: 10/3/2017
 Operator : David England
 API 5-123-28121
 Well Number : Ishiguro 21-36
 Field : Noble
 Tool Type And Number: 1213
 Bottom Depth : 7150.00
 Latitude : 40.36
 Longitude : 104.72
 Grid Offset : 0.50

**Starting Point Coordinates (in local grid):**

Northing: 0.00 Easting: 0.00 Ground Elevation 4660.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in feet

Temperature measured in Fahrenheit degrees

Start Time: 10/3/2017 12:40

End Time: 10/3/2017 13:59

Depth	Inclination	Azimuth	Closure Direction	True Depth	Coordinates		Dogleg Severity	Closure Distance
					+N/-S	+E/-W		
0.00	0.00	0.00	0.00	-4660.00	0.00	0.00	0.00	0.00
100.00	0.27	347.14	240.71	-4560.00	-0.23	-0.41	0.27	0.47
200.00	0.40	0.55	306.77	-4460.00	0.24	-0.32	0.14	0.40
300.00	0.24	92.75	17.46	-4360.00	0.54	0.17	0.43	0.57
400.00	0.66	135.29	78.59	-4260.01	0.18	0.91	0.51	0.93
500.00	0.43	174.64	118.26	-4160.01	-0.69	1.28	0.40	1.45
600.00	0.82	245.64	163.08	-4060.02	-1.58	0.48	0.84	1.66
700.00	0.92	283.49	203.58	-3960.03	-1.67	-0.73	0.55	1.82
800.00	1.71	356.24	283.17	-3860.06	0.40	-1.72	1.62	1.77
900.00	1.69	28.16	341.30	-3760.10	3.05	-1.03	0.91	3.22
1000.00	1.34	35.78	4.90	-3660.13	5.06	0.43	0.39	5.08
1100.00	0.21	149.43	8.05	-3560.15	4.29	0.61	1.40	4.34
1200.00	1.70	283.66	8.46	-3460.18	4.74	0.70	2.31	4.79
1300.00	3.03	176.46	6.92	-3360.26	3.73	0.45	3.89	3.76
1400.00	6.28	281.36	332.20	-3260.67	6.43	-3.39	7.86	7.27
1500.00	8.39	274.93	296.24	-3161.54	8.09	-16.41	2.22	18.29
1600.00	10.60	270.50	284.62	-3062.95	8.63	-33.09	2.30	34.20
1700.00	12.70	270.90	279.52	-2965.05	8.96	-53.43	2.10	54.18
1800.00	14.42	267.74	276.27	-2867.83	8.44	-76.83	1.82	77.29
1900.00	16.11	264.56	273.56	-2771.43	6.43	-103.29	1.61	103.49
2000.00	16.66	259.16	271.04	-2675.73	2.40	-132.02	1.48	132.04
2100.00	17.06	259.60	268.97	-2580.05	-2.88	-160.60	0.40	160.62
2200.00	16.80	259.63	267.52	-2484.42	-8.19	-189.37	0.27	189.54
2300.00	16.84	260.37	266.50	-2388.74	-13.32	-217.99	0.22	218.40

2400.00	16.70	263.06	265.95	-2293.01	-17.45	-246.59	0.76	247.21
2500.00	17.35	265.44	265.83	-2197.36	-20.09	-275.64	0.94	276.37
2600.00	18.07	265.69	265.82	-2102.14	-22.37	-306.10	0.71	306.92
2700.00	18.95	266.15	265.83	-2007.37	-24.61	-337.93	0.89	338.82
2800.00	18.22	265.66	265.85	-1912.70	-26.88	-370.07	0.75	371.04
2900.00	17.84	266.28	265.84	-1817.56	-29.15	-400.76	0.42	401.82
3000.00	17.19	266.54	265.89	-1722.10	-30.95	-430.50	0.64	431.61
3100.00	17.27	264.27	265.87	-1626.57	-33.24	-459.98	0.67	461.17
3200.00	16.47	263.29	265.73	-1530.89	-36.53	-488.84	0.89	490.20
3300.00	16.53	265.16	265.66	-1435.03	-39.27	-517.20	0.54	518.69
3400.00	16.09	263.53	265.59	-1339.06	-42.05	-545.15	0.63	546.77
3500.00	16.33	263.33	265.48	-1243.01	-45.26	-572.80	0.25	574.59
3600.00	16.26	265.49	265.43	-1147.01	-47.96	-600.65	0.62	602.56
3700.00	16.51	265.31	265.44	-1051.05	-50.13	-628.73	0.26	630.73
3800.00	17.41	263.89	265.41	-955.45	-52.88	-657.92	0.95	660.04
3900.00	17.52	263.73	265.34	-860.11	-56.03	-687.94	0.11	690.21
4000.00	17.56	263.46	265.27	-764.82	-59.43	-718.05	0.08	720.50
4100.00	16.75	264.48	265.21	-669.24	-62.59	-747.28	0.87	749.90
4200.00	16.80	263.66	265.17	-573.41	-65.57	-775.70	0.24	778.47
4300.00	17.36	263.61	265.11	-477.94	-68.96	-805.27	0.55	808.21
4400.00	17.17	264.28	265.06	-382.45	-72.15	-834.79	0.28	837.90
4500.00	18.00	265.07	265.06	-287.17	-74.79	-865.02	0.85	868.25
4600.00	17.34	263.44	265.03	-191.83	-77.82	-895.05	0.82	898.42
4700.00	16.85	267.06	265.03	-96.13	-80.31	-923.94	1.17	927.42
4800.00	17.04	270.02	265.14	-0.55	-81.09	-953.33	0.82	956.77
4900.00	16.07	273.41	265.34	95.24	-80.08	-982.00	1.35	985.26
5000.00	14.38	271.08	265.53	191.62	-78.77	-1008.62	1.80	1011.69
5100.00	12.61	268.45	265.61	289.06	-79.17	-1031.09	1.79	1034.12
5200.00	9.81	267.72	265.65	387.20	-79.90	-1050.21	2.63	1053.25
5300.00	8.29	257.37	265.75	486.00	-79.10	-1064.74	2.23	1067.68
5400.00	6.41	237.29	265.54	585.14	-84.06	-1076.74	2.90	1080.02
5500.00	5.25	217.01	265.20	684.63	-90.97	-1083.95	2.13	1087.76
5600.00	4.12	196.86	264.84	784.30	-98.24	-1087.51	1.81	1091.94
5700.00	1.75	160.46	264.80	884.18	-99.06	-1089.31	2.82	1093.80
5800.00	1.15	204.14	264.69	984.15	-101.28	-1090.53	0.82	1095.22
5900.00	0.55	343.28	264.69	1084.14	-101.49	-1091.15	1.58	1095.86
6000.00	0.57	282.90	264.70	1184.13	-101.27	-1091.19	0.63	1095.88
6100.00	0.95	55.22	264.67	1284.12	-101.87	-1091.38	1.39	1096.13
6200.00	1.53	77.43	264.70	1384.10	-101.12	-1089.39	0.74	1094.07
6300.00	1.10	112.80	264.67	1484.07	-101.53	-1087.34	0.83	1092.07
6400.00	0.89	141.80	264.61	1584.06	-102.52	-1086.07	0.52	1090.90
6500.00	0.48	64.62	264.60	1684.06	-102.59	-1085.62	0.89	1090.46
6600.00	0.52	136.05	264.59	1784.05	-102.66	-1084.72	0.62	1089.57
6700.00	0.71	192.72	264.53	1884.05	-103.79	-1084.40	0.60	1089.36
6800.00	0.81	230.15	264.48	1984.03	-104.96	-1085.16	0.51	1090.22
6900.00	4.65	254.70	264.44	2083.95	-105.89	-1087.90	3.97	1093.04
7000.00	4.47	256.95	264.38	2183.64	-107.77	-1095.54	0.23	1100.83
7100.00	4.48	256.82	264.33	2283.34	-109.52	-1103.04	0.01	1108.46
7150.00	4.44	257.19	264.30	2333.19	-110.38	-1106.80	0.07	1112.29

Temp
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