

GyroTracer Directional:

Date: 11/2/2017
 Operator : David England
 API: 05-123-21971
 Well: Jepsen 5-2
 Field : Noble Energy INC
 Tool Type And Number: 1213
 Well Total Depth: 7231
 Bottom Depth : 6900.00
 Latitude : 40.26
 Longitude : 104.64
 Grid Offset : 0.56

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

Northing: 0.00 Easting: 0.00 Altitude: 4750.00

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: 11/2/2017 13:41

End Time: 11/2/2017 15:15

Depth	Inclination	Azimuth	Closure Direction	True Depth	Coordinates		Dogleg Severity	Closure Distance
					+N/-S	+E/-W		
0.00	0.00	0.00	0.00	-4750.00	0.00	0.00	0.00	0.00
100.00	0.41	247.17	282.09	-4650.00	0.15	-0.70	0.41	0.72
200.00	0.60	292.78	288.02	-4550.00	0.48	-1.49	0.42	1.56
300.00	0.15	294.28	290.89	-4450.01	0.68	-1.79	0.45	1.92
400.00	0.29	123.57	298.51	-4350.01	0.86	-1.59	0.43	1.81
500.00	0.12	234.29	294.79	-4250.01	0.69	-1.50	0.38	1.65
600.00	0.46	168.94	271.04	-4150.01	0.02	-1.24	0.39	1.24
700.00	0.72	146.97	197.17	-4050.02	-1.36	-0.42	0.28	1.42
800.00	0.71	171.13	187.70	-3950.04	-2.89	-0.39	0.27	2.92
900.00	1.30	189.84	185.47	-3850.06	-4.97	-0.48	0.69	4.99
1000.00	1.47	204.85	187.79	-3750.09	-7.37	-1.01	0.43	7.44
1100.00	1.72	215.29	193.58	-3650.13	-9.67	-2.34	0.45	9.95
1200.00	1.76	235.25	201.57	-3550.17	-11.38	-4.50	0.67	12.24
1300.00	1.92	214.35	208.18	-3450.21	-12.86	-6.89	0.71	14.58
1400.00	1.77	30.66	208.05	-3350.27	-14.27	-7.60	3.77	16.17
1500.00	2.18	253.60	217.21	-3250.34	-14.09	-10.69	3.35	17.69
1600.00	1.98	235.30	220.71	-3150.43	-16.29	-14.02	0.57	21.50
1700.00	2.38	267.52	226.77	-3050.51	-16.78	-17.85	0.41	24.50
1800.00	2.18	332.55	235.92	-2950.59	-13.84	-20.46	2.26	24.70
1900.00	2.86	316.24	246.72	-2850.70	-9.95	-23.13	0.91	25.18
2000.00	2.41	22.69	256.22	-2750.80	-5.67	-23.12	2.68	23.81
2100.00	2.11	232.93	259.79	-2650.89	-4.21	-23.36	4.42	23.73
2200.00	1.34	308.91	261.11	-2550.93	-3.94	-25.16	2.37	25.47

2300.00	0.72	16.96	263.74	-2450.94	-2.82	-25.74	0.70	25.90
2400.00	0.33	172.16	265.22	-2350.95	-2.12	-25.43	1.02	25.52
2500.00	0.12	112.26	265.13	-2250.95	-2.16	-25.32	0.22	25.41
2600.00	0.26	3.19	265.62	-2150.95	-1.92	-25.03	0.32	25.11
2700.00	0.24	15.21	266.33	-2050.95	-1.59	-24.86	0.04	24.91
2800.00	0.41	49.41	266.99	-1950.95	-1.29	-24.45	0.25	24.48
2900.00	0.17	62.29	267.37	-1850.96	-1.10	-24.00	0.20	24.02
3000.00	0.65	100.88	267.16	-1750.96	-1.16	-23.40	0.53	23.42
3100.00	0.64	119.19	266.84	-1650.97	-1.22	-22.21	0.23	22.24
3200.00	1.02	95.05	266.89	-1550.98	-1.12	-20.69	0.50	20.72
3300.00	1.25	109.06	265.87	-1451.00	-1.35	-18.74	0.44	18.79
3400.00	1.55	76.68	263.70	-1351.02	-1.84	-16.65	0.77	16.75
3500.00	2.05	143.08	257.57	-1251.06	-3.30	-14.99	2.09	15.34
3600.00	2.62	122.65	246.76	-1151.14	-4.85	-11.29	0.88	12.29
3700.00	2.36	120.45	229.94	-1051.22	-7.04	-8.37	0.21	10.94
3800.00	2.81	80.27	205.48	-951.33	-7.85	-3.74	1.71	8.70
3900.00	3.07	97.99	169.91	-851.47	-7.39	1.32	1.14	7.50
4000.00	3.67	132.73	149.45	-751.63	-10.21	6.02	1.99	11.85
4100.00	3.42	48.63	127.21	-651.81	-8.73	11.50	2.83	14.44
4200.00	6.22	44.78	96.33	-552.26	-2.01	18.12	2.80	18.23
4300.00	7.14	44.25	76.77	-452.97	6.26	26.62	0.91	27.34
4400.00	7.47	50.52	67.89	-353.73	14.53	35.75	0.82	38.59
4500.00	5.68	54.32	64.83	-254.46	21.35	45.44	1.93	50.20
4600.00	4.80	46.52	62.35	-154.91	27.54	52.56	1.11	59.33
4700.00	4.24	49.76	60.63	-55.24	33.00	58.65	0.65	67.30
4800.00	4.58	10.77	57.16	44.45	39.95	61.90	2.82	73.67
4900.00	3.17	56.19	54.03	144.18	46.62	64.23	3.27	79.37
5000.00	3.04	23.24	51.93	244.01	51.78	66.11	1.71	83.98
5100.00	2.77	54.30	50.87	343.90	55.81	68.59	1.59	88.42
5200.00	2.76	59.25	49.96	443.78	59.66	71.00	1.06	92.74
5300.00	2.37	108.48	51.13	543.69	60.52	75.09	2.00	96.44
5400.00	2.68	160.54	53.58	643.59	57.43	77.83	2.12	96.72
5500.00	1.93	181.71	55.58	743.52	53.83	78.55	1.00	95.22
5600.00	1.77	228.21	56.54	843.47	51.10	77.31	1.52	92.67
5700.00	1.39	298.52	55.83	943.43	50.77	74.79	1.79	90.39
5800.00	1.37	345.29	54.34	1043.40	52.66	73.39	0.99	90.33
5900.00	1.23	41.93	53.54	1143.37	54.74	74.09	1.20	92.11
6000.00	1.22	101.70	53.90	1243.34	55.53	76.15	1.17	94.24
6100.00	1.20	117.12	54.96	1343.32	54.82	78.20	0.30	95.50
6200.00	1.21	162.60	56.08	1443.30	53.23	79.15	0.99	95.39
6300.00	1.23	208.55	56.91	1543.28	51.27	78.67	0.93	93.90
6400.00	1.54	242.94	57.20	1643.25	49.59	76.94	0.76	91.54
6500.00	1.54	285.09	56.49	1743.21	49.32	74.48	1.06	89.33
6600.00	1.70	57.39	55.55	1843.16	50.50	73.62	3.03	89.28
6700.00	2.00	47.15	54.60	1943.09	53.48	75.26	0.31	92.33
6800.00	1.88	64.55	55.13	2043.04	54.59	78.34	0.54	95.48
6900.00	2.27	94.59	56.68	2142.97	53.87	81.94	0.77	98.07



Temp
0.00
59.36
59.55
59.84
60.23
60.81
61.25
61.87
66.62
67.42
68.12
68.91
69.71
70.56
71.67
72.33
79.73
80.87
82.09
83.33
84.89
86.27
87.75

96.81
97.96
99.23
100.54
101.92
103.41
104.83
106.40
116.73
118.26
119.52
121.02
122.55
124.11
125.88
128.04
140.05
141.95
143.64
145.52
147.43
149.38
159.85
161.47
162.90
164.42
166.05
167.67
169.32
179.13
180.32
181.72
183.30
184.87
186.61
188.42
190.43
202.69
203.96
205.66
207.39
209.15
211.03
212.94
215.02
216.72
230.65