

GyroTracer Directional:

Date: 10/5/2018
 Operator : Adrian Bruner
 API: 05-123-34769
 Well Name: **Strohauer PC G5-28D**
 Field : Noble Energy Inc
 Tool Type And Number: 1605
 Bottom Depth : 7400.00
 Total Well Depth: 7652.00
 Latitude : 40.34705 N
 Longitude : 104.68023 W
 Grid Offset : 0.53

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

Northing: 0.00 Easting: 0.00 Altitude: 4675.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 10/5/2018 13:50

End Time: 10/5/2018 15:35

Depth	Inclination	Azimuth	Closure Direction	True Depth	Coordinates		Dogleg Severity	Closure Distance
					+N/-S	+E/-W		
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.000	0.490	107.328	126.870	100.000	-0.510	0.680	0.490	0.850
200.000	0.647	108.574	113.073	199.996	-0.677	1.589	0.158	1.727
300.000	0.519	112.832	111.073	299.991	-0.958	2.485	0.128	2.663
400.000	0.624	316.196	105.744	399.987	-0.745	2.642	1.091	2.745
500.000	2.663	313.754	24.914	499.941	1.284	0.596	2.013	1.415
600.000	4.890	306.819	323.261	599.728	5.585	-4.169	2.309	6.970
700.000	6.328	293.586	308.716	699.214	10.411	-12.988	1.936	16.646
800.000	8.459	286.581	299.729	798.392	14.332	-25.097	2.272	28.901
900.000	9.600	285.908	294.935	897.191	18.565	-39.931	1.169	44.036
1000.000	11.849	280.464	291.440	995.487	22.695	-57.793	2.485	62.089
1100.000	12.510	283.191	289.453	1093.188	27.726	-78.499	0.855	83.251
1200.000	13.706	284.310	288.054	1190.538	32.846	-100.768	1.213	105.986
1300.000	16.190	283.677	287.146	1287.068	38.915	-126.134	2.501	132.001
1400.000	18.953	286.079	286.894	1382.206	47.300	-155.743	2.847	162.767
1500.000	19.508	284.386	286.630	1476.660	55.977	-187.412	0.814	195.593
1600.000	21.975	285.170	286.352	1570.367	64.885	-221.146	2.501	230.468
1700.000	23.447	285.627	286.217	1662.627	75.135	-258.326	1.527	269.031
1800.000	25.063	285.299	286.131	1753.963	86.057	-297.539	1.648	309.734
1900.000	26.660	285.545	286.048	1843.760	97.787	-339.945	1.570	353.730
2000.000	27.300	287.216	286.125	1932.707	110.932	-383.706	0.991	399.420
2100.000	27.416	286.781	286.203	2021.527	124.278	-427.672	0.242	445.363
2200.000	27.132	285.241	286.163	2110.385	136.745	-471.813	0.763	491.230
2300.000	25.416	285.829	286.103	2199.989	148.561	-514.594	1.736	535.610

2400.000	24.298	288.306	286.185	2290.767	160.985	-554.648	1.540	577.538
2500.000	24.736	288.614	286.345	2381.723	174.216	-594.042	0.474	619.062
2600.000	25.188	286.406	286.383	2472.522	186.427	-634.117	1.046	660.953
2700.000	26.577	286.029	286.375	2562.601	198.577	-675.800	1.415	704.371
2800.000	26.506	287.235	286.415	2651.897	211.764	-718.837	0.558	749.380
2900.000	25.550	285.423	286.442	2741.744	224.530	-760.837	1.226	793.276
3000.000	24.031	285.249	286.382	2832.472	235.589	-801.400	1.527	835.310
3100.000	24.410	287.068	286.361	2923.870	246.732	-840.411	0.841	875.881
3200.000	24.376	287.339	286.402	3015.035	258.934	-879.654	0.117	916.972
3300.000	23.136	284.900	286.414	3106.720	270.389	-917.885	1.587	956.882
3400.000	20.662	282.426	286.297	3199.838	278.730	-953.362	2.621	993.272
3500.000	19.600	281.248	286.139	3293.580	285.741	-987.459	1.118	1027.970
3600.000	19.119	281.605	285.998	3387.888	292.446	-1020.028	0.492	1061.123
3700.000	18.069	281.217	285.859	3482.749	298.596	-1051.060	1.054	1092.651
3800.000	17.868	282.984	285.753	3577.816	305.056	-1081.397	0.570	1123.601
3900.000	19.582	286.002	285.720	3672.654	313.000	-1112.068	2.000	1155.277
4000.000	21.145	285.518	285.728	3766.219	322.724	-1145.972	1.580	1190.547
4100.000	22.423	286.336	285.728	3859.042	332.804	-1181.775	1.313	1227.742
4200.000	23.884	285.559	285.714	3951.024	343.136	-1219.616	1.490	1266.967
4300.000	21.450	282.135	285.652	4043.333	352.169	-1256.957	2.772	1305.360
4400.000	21.456	282.529	285.580	4136.537	360.313	-1292.263	0.145	1341.555
4500.000	22.306	282.793	285.516	4229.147	368.963	-1328.982	0.852	1379.249
4600.000	23.917	284.510	285.453	4321.231	377.877	-1366.929	1.744	1418.198
4700.000	24.987	284.028	285.417	4412.174	388.075	-1407.241	1.073	1459.770
4800.000	25.165	281.971	285.364	4502.740	397.984	-1448.463	0.890	1502.144
4900.000	24.780	280.761	285.245	4593.420	406.039	-1489.839	0.651	1544.179
5000.000	25.839	284.115	285.163	4684.056	414.941	-1531.125	1.792	1586.354
5100.000	23.800	285.588	285.151	4774.828	425.574	-1571.699	2.256	1628.297
5200.000	22.388	288.992	285.191	4866.713	437.003	-1609.448	1.953	1667.721
5300.000	23.370	294.004	285.332	4958.913	451.130	-1645.480	2.178	1706.201
5400.000	20.685	297.807	285.583	5051.422	468.336	-1679.277	3.040	1743.362
5500.000	16.480	296.970	285.780	5146.410	482.430	-1707.105	4.209	1773.963
5600.000	15.408	295.567	285.944	5242.620	494.656	-1731.463	1.111	1800.735
5700.000	15.200	294.331	286.058	5339.036	505.381	-1755.727	0.385	1827.016
5800.000	14.952	293.449	286.157	5435.513	515.679	-1779.931	0.321	1853.127
5900.000	13.975	291.053	286.243	5532.396	525.227	-1802.773	1.159	1877.725
6000.000	13.240	292.351	286.311	5629.549	533.968	-1824.783	0.809	1901.304
6100.000	11.576	294.114	286.389	5726.939	542.808	-1845.639	1.674	1923.805
6200.000	9.480	291.297	286.455	5825.184	550.174	-1862.740	2.143	1942.290
6300.000	7.880	288.860	286.494	5923.998	555.785	-1876.985	1.645	1957.542
6400.000	6.282	290.784	286.515	6023.215	560.003	-1888.693	1.624	1969.966
6500.000	4.960	285.229	286.517	6122.736	562.822	-1897.997	1.441	1979.687
6600.000	3.145	284.692	286.512	6222.485	564.645	-1904.754	1.821	1986.683
6700.000	2.346	297.187	286.480	6322.348	564.997	-1909.900	1.099	1991.718
6800.000	1.770	274.777	286.466	6422.280	565.553	-1913.447	1.024	1995.277
6900.000	1.000	306.196	286.465	6522.256	566.109	-1915.491	1.059	1997.394
7000.000	0.408	305.479	286.472	6622.247	566.723	-1916.647	0.668	1998.677
7100.000	0.611	294.798	286.483	6722.241	567.344	-1917.465	0.164	1999.638
7200.000	0.788	275.983	286.484	6822.235	567.685	-1918.383	0.314	2000.614
7300.000	0.778	240.572	286.469	6922.229	567.437	-1919.442	0.472	2001.560

7400.000	0.460	219.750	286.446	7022.223	566.830	-1920.219	0.304	2002.133
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