

GyroTracer Directional:

Date: 4/9/2018
 Operator : Adrian Bruner
 API : 05-123-12607
 Well Name : **Rehmer 1**
 Field : Noble Energy Inc
 Tool Type And Number: 1719
 Bottom Depth : 4556.00
 Total Well Depth: 7256.00
 Latitude : 40.35054 N
 Longitude : 104.72285 W
 Grid Offset : 0.50

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

Northing: 0.00 Easting: 0.00 Altitude: 4672.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 4/6/2018 8:04

End Time: 4/6/2018 9:26

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	0.080	66.429	300.133	100.000	0.081	-0.139	1.314	0.160
200.000	0.270	161.962	291.746	200.000	0.038	-0.096	0.294	0.104
300.000	0.142	123.356	168.470	299.999	-0.380	0.078	0.167	0.388
400.000	0.256	228.329	204.086	399.998	-0.573	-0.256	0.345	0.627
500.000	0.057	126.658	198.170	499.998	-0.669	-0.219	0.281	0.704
600.000	0.180	202.100	199.091	599.997	-0.982	-0.340	0.180	1.039
700.000	0.141	211.043	200.698	699.997	-1.002	-0.379	0.060	1.071
800.000	0.068	20.855	200.114	799.997	-0.983	-0.360	0.218	1.046
900.000	0.281	230.565	206.935	899.996	-1.165	-0.592	0.352	1.307
1000.000	0.400	251.657	223.514	999.995	-1.102	-1.046	0.172	1.520
1100.000	0.476	260.079	234.670	1099.992	-1.270	-1.792	0.102	2.196
1200.000	0.353	235.439	235.877	1199.989	-1.631	-2.406	0.234	2.907
1300.000	0.478	243.418	238.913	1299.985	-1.937	-3.213	0.150	3.752
1400.000	0.509	285.205	243.498	1399.982	-1.980	-3.971	0.359	4.437
1500.000	0.350	280.328	249.507	1499.978	-1.822	-4.875	0.134	5.204
1600.000	0.389	297.676	253.489	1599.975	-1.625	-5.482	0.127	5.718
1700.000	0.278	288.254	256.842	1699.973	-1.445	-6.179	0.117	6.346
1800.000	0.459	284.395	259.530	1799.971	-1.232	-6.665	0.205	6.778
1900.000	0.324	297.977	262.058	1899.969	-1.012	-7.254	0.139	7.324
2000.000	0.327	37.246	264.527	1999.968	-0.685	-7.147	0.505	7.179
2100.000	0.190	59.799	266.483	2099.967	-0.424	-6.900	0.155	6.913
2200.000	0.532	44.999	269.218	2199.965	-0.087	-6.360	0.334	6.361
2300.000	0.444	67.531	274.198	2299.961	0.416	-5.665	0.239	5.681

2400.000	0.682	58.653	282.502	2399.952	1.000	-4.510	0.167	4.620
2500.000	0.742	45.949	296.569	2499.944	1.768	-3.536	0.168	3.954
2600.000	0.477	12.742	309.937	2599.939	2.657	-3.173	0.441	4.139
2700.000	0.634	9.339	319.907	2699.935	3.461	-2.913	0.168	4.524
2800.000	0.410	37.611	328.466	2799.931	4.340	-2.663	0.415	5.092
2900.000	0.760	20.594	339.145	2899.923	5.368	-2.045	0.406	5.745
3000.000	0.818	44.774	345.620	2999.916	6.421	-1.646	0.332	6.629
3100.000	0.680	31.169	353.159	3099.909	7.340	-0.881	0.240	7.393
3200.000	0.519	78.282	358.836	3199.905	7.651	-0.155	0.502	7.653
3300.000	0.519	155.152	4.355	3299.902	7.431	0.566	0.627	7.453
3400.000	1.044	154.861	12.140	3399.888	5.919	1.273	0.562	6.054
3500.000	0.838	175.567	23.927	3499.874	4.462	1.980	0.411	4.881
3600.000	0.851	170.858	35.506	3599.862	2.921	2.084	0.082	3.588
3700.000	0.610	185.790	53.680	3699.853	1.671	2.273	0.368	2.820
3800.000	0.573	224.309	66.359	3799.849	0.883	2.017	0.419	2.201
3900.000	0.360	188.993	89.614	3899.845	0.013	1.900	0.355	1.900
4000.000	0.636	198.687	116.867	3999.841	-0.715	1.412	0.247	1.583
4100.000	0.585	174.605	140.053	4099.836	-1.647	1.380	0.267	2.149
4200.000	0.423	319.337	146.591	4199.834	-2.016	1.329	0.943	2.414
4300.000	0.368	36.564	138.500	4299.830	-1.352	1.196	0.485	1.806
4400.000	0.150	51.126	119.332	4399.827	-0.834	1.485	0.267	1.703
4500.000	0.367	189.613	105.645	4499.825	-0.490	1.749	0.525	1.816
4556.000	0.450	140.530	109.737	4556.474	-0.669	1.865	0.842	1.981