

GyroTracer Directional:

Date: 9/18/2018
 Operator : Adrian Bruner
 API: 05-123-12664
 Well Name: **State Booth 36-2**
 Field : Noble Energy Inc
 Tool Type And Number: 1717
 Bottom Depth : 7000.00
 Total Well Depth: 7650.00
 Latitude : 40.531841 N
 Longitude : 104.613433 W
 Grid Offset : 0.57

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

Northing: 0.00 Easting: 0.00 Altitude: 4805.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 9/18/2018 7:26

End Time: 9/18/2018 8:36

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	0.320	161.540	107.784	100.000	-0.170	0.530	0.320	0.557
200.000	0.097	337.844	127.952	199.999	-0.389	0.498	0.418	0.632
300.000	0.336	306.418	131.596	299.998	-0.075	0.085	0.215	0.113
400.000	0.217	350.610	1.649	399.995	0.522	0.015	0.287	0.522
500.000	0.275	359.879	5.290	499.993	1.175	0.109	0.075	1.180
600.000	0.238	65.135	9.694	599.991	1.598	0.273	0.277	1.621
700.000	0.302	49.165	15.250	699.990	1.977	0.539	0.117	2.049
800.000	0.326	35.220	18.704	799.989	2.283	0.773	0.108	2.410
900.000	0.294	356.451	20.000	899.987	2.661	0.969	0.190	2.832
1000.000	0.080	90.257	22.157	999.987	2.828	1.151	0.348	3.053
1100.000	0.252	64.902	23.195	1099.986	2.951	1.264	0.067	3.210
1200.000	0.205	203.331	23.059	1199.985	2.987	1.272	0.449	3.247
1300.000	0.220	120.964	24.500	1299.985	2.920	1.331	0.316	3.209
1400.000	0.126	49.915	26.283	1399.985	2.882	1.423	0.242	3.215
1500.000	0.189	133.399	28.030	1499.984	2.794	1.488	0.367	3.166
1600.000	0.135	157.087	30.148	1599.983	2.741	1.592	0.052	3.170
1700.000	0.221	100.796	32.588	1699.983	2.703	1.728	0.366	3.208
1800.000	0.112	86.840	35.266	1799.982	2.762	1.953	0.132	3.383
1900.000	0.120	43.372	37.462	1899.981	2.844	2.179	0.046	3.583
2000.000	0.216	93.068	40.792	1999.981	2.827	2.440	0.222	3.734
2100.000	0.333	108.976	44.724	2099.979	2.807	2.780	0.078	3.951
2200.000	0.229	117.624	50.173	2199.978	2.675	3.207	0.222	4.176
2300.000	0.399	45.969	52.887	2299.976	2.784	3.679	0.534	4.614

2400.000	0.282	86.394	52.493	2399.975	3.013	3.926	0.195	4.949
2500.000	0.217	71.411	52.400	2499.973	3.259	4.232	0.470	5.341
2600.000	0.233	54.523	51.874	2599.972	3.539	4.509	0.117	5.732
2700.000	0.347	71.041	51.868	2699.971	3.749	4.776	0.193	6.072
2800.000	0.317	21.588	51.711	2799.970	4.062	5.145	0.268	6.556
2900.000	0.156	319.926	50.250	2899.969	4.249	5.109	0.208	6.645
3000.000	0.313	331.912	48.825	2999.968	4.422	5.056	0.118	6.717
3100.000	0.180	135.596	49.622	3099.968	4.349	5.114	0.333	6.713
3200.000	0.401	148.233	54.327	3199.965	3.852	5.366	0.371	6.605
3300.000	0.488	144.010	60.213	3299.962	3.356	5.862	0.060	6.755
3400.000	0.378	117.844	67.788	3399.957	2.718	6.655	0.185	7.189
3500.000	0.706	90.475	74.108	3499.949	2.196	7.712	0.389	8.018
3600.000	0.944	118.757	78.035	3599.943	1.866	8.806	0.549	9.002
3700.000	0.583	158.589	81.099	3699.936	1.542	9.843	0.726	9.963
3800.000	0.518	118.115	86.017	3799.929	0.739	10.611	0.300	10.637
3900.000	0.669	121.798	91.019	3899.921	-0.204	11.460	0.052	11.462
4000.000	0.621	127.959	95.562	3999.913	-1.192	12.241	0.202	12.299
4100.000	0.634	142.963	99.304	4099.904	-2.142	13.078	0.148	13.253
4200.000	0.649	135.673	102.288	4199.896	-3.024	13.886	0.272	14.211
4300.000	0.625	160.519	105.179	4299.891	-3.891	14.340	0.298	14.859
4400.000	0.416	158.445	107.933	4399.886	-4.758	14.701	0.018	15.452
4500.000	0.391	146.956	110.123	4499.883	-5.476	14.947	0.112	15.918
4600.000	0.427	176.890	112.154	4599.880	-6.143	15.088	0.213	16.291
4700.000	0.435	187.231	114.477	4699.878	-6.810	14.959	0.106	16.436
4800.000	0.605	160.208	116.876	4799.874	-7.676	15.147	0.212	16.981
4900.000	0.738	161.059	119.664	4899.867	-8.790	15.433	0.277	17.761
5000.000	0.916	186.857	123.072	4999.857	-10.112	15.528	0.463	18.530
5100.000	0.990	188.334	127.422	5099.843	-11.744	15.348	0.194	19.325
5200.000	1.021	184.506	131.495	5199.829	-13.392	15.139	0.049	20.212
5300.000	0.579	217.892	133.697	5299.824	-14.261	14.924	0.571	20.642
5400.000	0.208	215.012	135.253	5399.822	-14.753	14.624	0.071	20.773
5500.000	0.178	295.446	135.913	5499.821	-14.762	14.299	0.202	20.552
5600.000	0.114	269.392	136.658	5599.820	-14.777	13.946	0.183	20.319
5700.000	0.277	137.114	137.655	5699.819	-14.798	13.487	0.346	20.022
5800.000	0.170	275.231	138.806	5799.816	-14.796	12.950	1.938	19.662
5900.000	0.363	272.926	140.228	5899.814	-14.827	12.341	0.214	19.291
6000.000	0.510	255.655	142.282	5999.811	-15.030	11.624	0.197	19.001
6100.000	0.668	269.845	144.795	6099.807	-15.314	10.805	0.206	18.742
6200.000	0.463	246.792	147.849	6199.801	-15.681	9.856	0.212	18.521
6300.000	0.783	273.763	151.315	6299.794	-15.934	8.719	0.409	18.164
6400.000	0.747	238.487	155.368	6399.785	-16.364	7.503	0.418	18.002
6500.000	1.076	256.768	160.134	6499.773	-16.959	6.128	0.384	18.032
6600.000	2.099	291.499	168.007	6599.737	-16.824	3.574	1.332	17.199
6700.000	4.157	323.884	183.891	6699.563	-13.370	-0.909	2.677	13.401
6800.000	4.428	350.459	207.711	6799.292	-6.554	-3.443	1.991	7.404
6900.000	1.849	30.327	236.916	6899.164	-1.821	-2.796	2.894	3.336
7000.000	1.880	66.500	229.733	6999.137	-0.772	-0.912	0.987	1.195

