

GyroTracer Directional:

Date: 2/13/2019
 Operator : Adrian Bruner
 API : 05-123-24359
 Well Name : **Meyer USX CC 7-8**
 Field : Noble Energy Inc
 Tool Number: 1717
 Bottom Depth : 6600.00
 Total Well Depth: 6791.00
 Latitude : 40.32833 N
 Longitude : 104.47346 W
 Grid Offset : 0.66
 Datum: NAD 83

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

Northing: 0.00 Easting: 0.00 GLE: 4635.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in US survey feet

Lat/Long/Elevation obtained by handheld GPS at wellhead. Device error $\pm 9'$

RKB = Ground Level Elevation

Start Time: 2/13/2019 9:54

End Time: 2/13/2019 11:03

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	0.380	337.313	337.933	99.998	0.615	-0.249	0.008	0.663
200.000	0.644	320.493	322.175	199.990	1.436	-1.114	0.179	1.817
300.000	0.779	330.428	320.343	299.983	2.282	-1.892	0.208	2.964
400.000	0.600	327.267	322.651	399.977	3.243	-2.475	0.112	4.079
500.000	0.541	335.338	325.174	499.971	4.186	-2.912	0.114	5.099
600.000	0.966	12.608	330.071	599.963	5.387	-3.101	0.617	6.215
700.000	0.897	28.487	338.052	699.948	7.016	-2.827	0.695	7.564
800.000	0.807	32.815	346.619	799.935	8.366	-1.990	0.139	8.599
900.000	0.928	40.916	354.096	899.923	9.548	-0.987	0.237	9.599
1000.000	0.834	31.622	0.159	999.911	10.617	0.029	0.197	10.617
1100.000	0.691	25.015	3.273	1099.904	11.607	0.664	0.188	11.626
1200.000	0.783	34.242	5.814	1199.898	12.432	1.266	0.136	12.497
1300.000	0.660	0.041	7.145	1299.894	13.223	1.658	0.457	13.326
1400.000	0.553	1.377	6.886	1399.891	14.021	1.693	0.029	14.123
1500.000	0.993	34.685	7.467	1499.885	14.947	1.959	0.710	15.075
1600.000	0.869	7.236	9.162	1599.873	16.288	2.627	0.477	16.498
1700.000	0.673	28.264	9.833	1699.862	17.690	3.066	0.230	17.954
1800.000	0.389	23.688	10.454	1799.857	18.550	3.423	0.352	18.864
1900.000	0.262	249.626	10.238	1899.856	18.725	3.382	0.478	19.028
2000.000	0.179	111.062	10.064	1999.854	18.809	3.338	0.511	19.103
2100.000	0.978	138.185	11.670	2099.851	18.322	3.784	0.821	18.709

2200.000	1.161	149.163	15.773	2199.836	16.940	4.785	0.335	17.603
2300.000	1.628	112.669	22.918	2299.810	15.906	6.725	1.035	17.269
2400.000	1.162	108.093	30.487	2399.783	15.010	8.837	0.419	17.418
2500.000	1.435	115.065	37.813	2499.757	13.933	10.812	0.281	17.636
2600.000	1.246	111.602	43.987	2599.737	13.048	12.595	0.149	18.135
2700.000	1.014	101.936	49.153	2699.719	12.407	14.350	0.348	18.970
2800.000	1.076	105.170	53.794	2799.701	11.713	16.000	0.084	19.829
2900.000	1.505	125.815	58.842	2899.680	10.735	17.754	0.544	20.747
3000.000	1.118	130.304	64.126	2999.657	9.450	19.484	0.282	21.655
3100.000	1.314	118.523	69.129	3099.633	8.046	21.104	0.367	22.585
3200.000	1.278	150.638	73.716	3199.612	6.571	22.493	0.687	23.433
3300.000	1.458	187.576	79.572	3299.582	4.235	23.013	0.865	23.399
3400.000	2.429	223.924	87.099	3399.522	1.106	21.830	1.530	21.858
3500.000	2.901	257.704	93.430	3499.418	-1.077	17.969	1.627	18.001
3600.000	2.861	288.765	92.415	3599.294	-0.553	13.122	1.518	13.134
3700.000	3.136	317.563	72.943	3699.118	2.505	8.165	1.424	8.541
3800.000	3.768	346.021	33.553	3798.934	7.651	5.075	1.852	9.181
3900.000	3.710	14.689	19.745	3898.734	13.891	4.986	1.816	14.759
4000.000	3.456	50.428	23.508	3998.538	19.014	8.271	2.213	20.735
4100.000	3.551	101.787	33.109	4098.343	21.292	13.885	3.070	25.419
4200.000	3.657	127.533	46.209	4198.159	18.050	18.829	1.627	26.083
4300.000	3.476	162.073	59.088	4297.983	12.806	21.387	2.158	24.927
4400.000	3.475	201.845	71.998	4397.800	6.873	21.149	2.306	22.238
4500.000	3.718	257.012	82.925	4497.587	2.126	17.131	3.376	17.262
4600.000	3.334	263.661	83.496	4597.381	1.234	10.826	0.631	10.896
4700.000	3.138	323.977	58.911	4697.222	3.788	6.281	3.354	7.335
4800.000	2.776	10.192	31.435	4797.092	8.626	5.273	2.368	10.110
4900.000	2.293	45.742	29.205	4896.982	12.760	7.133	1.661	14.619
5000.000	1.398	83.991	35.425	4996.921	14.278	10.157	1.400	17.522
5100.000	1.032	166.547	42.286	5096.891	13.630	12.396	2.021	18.424
5200.000	0.228	134.877	46.297	5196.882	12.547	13.128	0.753	18.160
5300.000	0.184	119.497	48.122	5296.879	12.048	13.439	0.236	18.049
5400.000	0.375	117.886	49.382	5396.877	11.887	13.859	0.193	18.258
5500.000	0.657	120.635	51.619	5496.872	11.519	14.543	0.291	18.552
5600.000	0.840	173.700	55.079	5596.865	10.451	14.969	0.611	18.256
5700.000	1.013	194.721	58.798	5696.852	8.932	14.747	0.364	17.241
5800.000	1.074	228.847	61.081	5796.835	7.540	13.648	0.666	15.592
5900.000	1.628	261.755	59.766	5896.811	6.780	11.634	0.946	13.465
6000.000	1.358	284.882	52.000	5996.780	7.239	9.266	0.658	11.759
6100.000	1.730	326.158	38.789	6096.742	9.064	7.285	1.167	11.629
6200.000	0.841	88.064	33.605	6196.721	10.759	7.149	2.137	12.918
6300.000	1.113	142.120	41.224	6296.703	9.942	8.711	1.021	13.218
6400.000	0.539	159.030	47.302	6396.691	8.611	9.333	0.472	12.699
6500.000	0.692	212.678	52.097	6496.679	7.118	9.143	0.624	11.587
6600.000	0.440	163.340	55.559	6596.671	5.980	8.720	0.457	10.573