

GyroTracer Directional:

Date: 10/26/2018
 Operator : Adrian Bruner
 API: 05-123-31161
 Well Name: **Green USX EE 13-07**
 Field : Noble Energy Inc
 Tool Type And Number: 1719
 Bottom Depth : 7150.00
 Total Well Depth: 7450.00
 Latitude : 40.57503 N
 Longitude : 104.60893 W
 Grid Offset : 0.57

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

Northing: 0.00 Easting: 0.00 Altitude: 4971.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 10/26/2018 7:45

End Time: 10/26/2018 9:08

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	0.870	198.225	183.389	99.990	-1.520	-0.090	0.870	1.523
200.000	0.865	203.196	193.303	199.983	-2.521	-0.596	0.053	2.590
300.000	0.374	167.849	194.350	299.979	-3.294	-0.843	0.598	3.400
400.000	0.400	170.357	194.729	399.977	-3.755	-0.987	0.050	3.882
500.000	0.229	180.937	189.916	499.976	-4.136	-0.723	0.190	4.198
600.000	0.443	112.191	186.556	599.974	-4.611	-0.530	0.449	4.642
700.000	0.473	102.807	179.156	699.971	-4.893	0.072	0.102	4.894
800.000	0.997	89.715	165.076	799.962	-4.934	1.315	0.602	5.107
900.000	1.033	103.066	149.176	899.949	-4.902	2.925	0.257	5.709
1000.000	0.890	106.095	135.668	999.931	-4.864	4.752	0.162	6.800
1100.000	0.991	84.078	126.742	1099.912	-4.990	6.685	0.373	8.342
1200.000	1.101	75.606	119.163	1199.893	-4.770	8.547	0.230	9.788
1300.000	0.870	64.684	112.092	1299.875	-4.185	10.310	0.203	11.127
1400.000	0.847	48.077	105.877	1399.859	-3.364	11.827	0.286	12.297
1500.000	0.981	34.041	99.783	1499.844	-2.259	13.103	0.320	13.296
1600.000	0.792	30.813	94.230	1599.829	-1.055	14.260	0.137	14.299
1700.000	1.140	46.537	89.190	1699.815	0.217	15.351	0.430	15.352
1800.000	1.037	24.474	84.122	1799.798	1.681	16.330	0.449	16.416
1900.000	0.880	15.976	79.450	1899.783	3.198	17.170	0.251	17.465
2000.000	0.607	47.101	76.367	1999.774	4.312	17.780	0.499	18.295
2100.000	0.744	4.336	73.627	2099.767	5.361	18.249	0.455	19.020
2200.000	0.525	348.357	72.187	2199.762	6.042	18.804	0.329	19.751
2300.000	0.338	28.147	70.570	2299.760	6.586	18.672	0.317	19.799

2400.000	0.941	302.243	67.976	2399.753	7.245	17.911	0.975	19.321
2500.000	1.009	298.062	65.073	2499.745	7.824	16.835	0.054	18.564
2600.000	0.862	270.438	62.081	2599.736	8.325	15.711	0.488	17.780
2700.000	0.853	290.630	59.459	2699.730	8.702	14.750	0.488	17.126
2800.000	0.330	244.209	57.771	2799.726	8.850	14.037	0.604	16.594
2900.000	0.262	262.255	56.150	2899.723	9.012	13.437	0.103	16.179
3000.000	0.591	322.064	53.776	2999.720	9.376	12.799	0.485	15.866
3100.000	0.313	263.074	51.248	3099.715	9.674	12.052	0.458	15.455
3200.000	0.130	227.438	48.473	3199.711	10.036	11.333	0.243	15.138
3300.000	0.311	299.984	47.306	3299.710	10.162	11.015	0.302	14.986
3400.000	0.270	213.948	46.929	3399.708	10.228	10.941	0.405	14.977
3500.000	0.147	74.028	46.914	3499.706	10.431	11.153	0.390	15.271
3600.000	0.621	128.721	48.072	3599.703	10.593	11.795	0.546	15.853
3700.000	0.331	78.568	50.453	3699.698	10.472	12.682	0.265	16.447
3800.000	0.990	153.861	55.075	3799.687	9.546	13.671	0.964	16.673
3900.000	1.427	129.201	62.801	3899.655	7.981	15.530	0.703	17.460
4000.000	1.511	117.135	70.436	3999.612	6.375	17.937	0.324	19.036
4100.000	2.277	100.969	75.481	4099.563	5.399	20.847	0.916	21.535
4200.000	2.323	87.249	77.164	4199.491	5.602	24.585	0.542	25.215
4300.000	2.118	81.496	78.630	4299.416	5.716	28.425	0.323	28.994
4400.000	1.615	79.984	79.642	4399.354	5.829	31.893	0.471	32.422
4500.000	1.493	69.276	79.638	4499.313	6.330	34.621	0.313	35.195
4600.000	1.228	38.902	78.366	4599.291	7.468	36.273	0.827	37.034
4700.000	0.686	6.650	76.180	4699.274	9.092	36.959	0.627	38.060
4800.000	1.055	10.579	73.576	4799.256	10.898	36.974	0.380	38.546
4900.000	1.211	354.297	70.446	4899.232	12.993	36.580	0.353	38.819
5000.000	1.622	350.658	66.784	4999.199	15.396	35.895	0.515	39.057
5100.000	1.465	330.182	62.642	5099.158	18.017	34.822	0.595	39.207
5200.000	1.830	314.618	58.208	5199.110	20.626	33.276	0.576	39.150
5300.000	1.343	327.120	53.706	5299.061	23.067	31.409	0.544	38.970
5400.000	1.693	334.614	49.447	5399.017	25.591	29.908	0.332	39.362
5500.000	0.958	331.281	46.283	5498.990	27.619	28.884	0.738	39.964
5600.000	0.541	351.620	44.198	5598.973	29.297	28.488	0.534	40.864
5700.000	0.527	55.246	43.216	5698.967	30.303	28.472	0.583	41.580
5800.000	0.752	156.401	43.557	5798.964	30.406	28.912	0.938	41.958
5900.000	0.802	80.572	45.810	5898.947	29.542	30.389	0.942	42.382
6000.000	0.858	107.735	47.340	5998.933	29.450	31.959	0.379	43.459
6100.000	0.592	88.567	48.456	6098.924	29.440	33.224	0.489	44.390
6200.000	0.203	88.949	49.191	6198.915	29.716	34.416	0.307	45.469
6300.000	0.648	88.871	49.677	6298.908	30.001	35.347	0.376	46.363
6400.000	0.683	36.309	49.758	6398.904	30.455	35.986	0.617	47.143
6500.000	0.289	78.512	49.485	6498.901	30.883	36.140	0.506	47.538
6600.000	0.970	333.284	48.918	6598.898	31.500	36.132	1.033	47.935
6700.000	0.336	0.503	48.516	6698.896	31.834	36.002	0.624	48.057
6800.000	0.249	15.317	48.484	6798.894	31.938	36.079	0.175	48.185
6900.000	0.549	101.958	49.214	6898.891	31.552	36.572	0.604	48.302
7000.000	1.210	116.216	50.919	6998.878	30.638	37.726	0.722	48.599
7100.000	1.080	96.660	52.540	7098.865	29.947	39.083	0.376	49.237
7150.000	0.440	22.000	52.933	7152.081	29.937	39.631	0.986	49.667