

GyroTracer Directional:

Date: 9/17/2018
 Operator : Adrian Bruner
 API: 05-123-29109
 Well Name: **Rady 12-3-17**
 Field : Noble Energy Inc
 Tool Type And Number: 1717
 Bottom Depth : 6800.00
 Total Well Depth: 7051.00
 Latitude : 40.500394 N
 Longitude : 104.503857 W
 Grid Offset : 0.64

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

Northing: 0.00 Easting: 0.00 Altitude: 4679.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 9/17/2018 10:25

End Time: 9/17/2018 11:46

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	1.120	36.428	39.806	99.980	1.500	1.250	1.120	1.953
200.000	0.690	8.235	30.398	199.965	3.100	1.819	0.610	3.595
300.000	0.780	12.684	22.961	299.953	4.582	1.941	0.077	4.977
400.000	0.808	17.060	20.123	399.941	6.107	2.238	0.048	6.504
500.000	0.860	50.414	22.576	499.929	7.394	3.074	0.475	8.008
600.000	0.620	66.668	26.098	599.919	8.385	4.108	0.304	9.337
700.000	0.783	39.208	28.894	699.911	9.171	5.061	0.379	10.475
800.000	0.778	54.773	31.009	799.903	9.934	5.971	0.289	11.590
900.000	0.790	58.823	33.225	899.896	10.638	6.968	0.143	12.717
1000.000	0.722	63.892	35.188	999.888	11.330	7.989	0.105	13.863
1100.000	0.608	56.629	37.478	1099.880	11.867	9.099	0.165	14.953
1200.000	0.519	70.977	39.621	1199.874	12.219	10.116	0.150	15.863
1300.000	0.615	100.653	41.816	1299.870	12.330	11.030	0.297	16.544
1400.000	0.607	90.030	43.783	1399.865	12.454	11.936	0.124	17.250
1500.000	0.434	91.223	45.398	1499.861	12.607	12.783	0.100	17.954
1600.000	0.142	68.143	46.101	1599.859	12.836	13.339	0.329	18.512
1700.000	0.020	304.017	45.941	1699.859	13.040	13.476	0.152	18.752
1800.000	0.250	163.780	45.847	1799.858	13.093	13.486	0.276	18.797
1900.000	0.483	162.500	47.374	1899.857	12.556	13.642	0.236	18.540
2000.000	0.666	153.803	50.211	1999.852	11.682	14.026	0.196	18.254
2100.000	1.165	137.468	54.815	2099.841	10.543	14.954	0.541	18.297
2200.000	1.237	136.136	60.920	2199.820	9.097	16.358	0.070	18.717
2300.000	0.924	121.729	65.755	2299.804	7.992	17.747	0.388	19.463

2400.000	0.880	107.125	68.607	2399.791	7.545	19.259	0.236	20.684
2500.000	0.937	107.604	70.791	2499.778	7.265	20.853	0.063	22.082
2600.000	0.915	104.094	72.818	2599.764	6.949	22.475	0.080	23.525
2700.000	0.939	97.218	74.304	2699.750	6.790	24.163	0.119	25.099
2800.000	0.977	95.090	75.538	2799.734	6.685	25.918	0.059	26.767
2900.000	1.403	93.959	76.771	2899.714	6.561	27.911	0.449	28.672
3000.000	1.907	96.822	78.298	2999.669	6.397	30.888	0.481	31.543
3100.000	1.971	95.732	79.839	3099.607	6.160	34.372	0.089	34.920
3200.000	1.345	103.144	81.360	3199.557	5.693	37.465	0.608	37.895
3300.000	0.675	122.857	82.617	3299.539	5.079	39.198	0.743	39.525
3400.000	0.415	214.135	83.409	3399.536	4.575	39.601	0.805	39.865
3500.000	0.653	254.965	83.639	3499.531	4.313	38.692	0.409	38.931
3600.000	0.700	237.167	83.767	3599.524	4.101	37.552	0.172	37.775
3700.000	0.646	256.076	83.849	3699.517	3.923	36.406	0.214	36.616
3800.000	0.616	257.743	83.838	3799.511	3.812	35.309	0.094	35.514
3900.000	0.789	258.854	83.755	3899.505	3.743	34.206	0.204	34.410
4000.000	1.947	229.461	85.074	3999.483	2.804	32.532	1.514	32.652
4100.000	2.506	225.540	90.471	4099.393	-0.244	29.608	0.572	29.609
4200.000	1.274	250.886	94.744	4199.338	-2.244	27.040	1.394	27.133
4300.000	0.797	254.828	96.591	4299.321	-2.937	25.414	0.492	25.584
4400.000	0.839	297.491	96.619	4399.313	-2.809	24.211	0.614	24.374
4500.000	1.200	333.307	94.433	4499.303	-1.801	23.228	0.727	23.297
4600.000	2.369	0.064	87.600	4599.260	0.956	22.800	1.408	22.820
4700.000	2.694	356.323	76.312	4699.157	5.477	22.489	0.420	23.147
4800.000	2.455	355.703	65.599	4799.050	10.069	22.196	0.273	24.374
4900.000	2.363	355.385	57.483	4898.972	14.005	21.969	0.195	26.054
5000.000	2.019	3.388	51.140	4998.906	17.619	21.866	0.371	28.081
5100.000	1.357	16.494	47.339	5098.858	20.635	22.392	0.897	30.450
5200.000	1.217	48.143	46.672	5198.833	22.368	23.713	0.717	32.598
5300.000	1.517	67.267	47.362	5298.804	23.693	25.732	0.530	34.978
5400.000	1.579	80.970	48.850	5398.765	24.714	28.280	0.364	37.557
5500.000	1.077	94.984	50.641	5498.743	24.879	30.332	0.561	39.230
5600.000	0.477	130.306	51.956	5598.735	24.664	31.518	0.728	40.021
5700.000	0.393	193.953	52.827	5698.731	23.913	31.535	0.468	39.576
5800.000	0.378	204.066	53.668	5798.727	23.044	31.335	0.086	38.896
5900.000	0.300	197.273	54.338	5898.725	22.410	31.230	0.117	38.438
6000.000	0.280	173.196	54.848	5998.723	22.018	31.268	0.135	38.243
6100.000	0.287	123.635	55.381	6098.723	21.706	31.442	0.212	38.206
6200.000	0.270	101.682	56.016	6198.721	21.508	31.906	0.095	38.479
6300.000	0.487	103.260	56.765	6298.719	21.322	32.541	0.260	38.904
6400.000	0.234	121.672	57.325	6398.716	21.286	33.188	0.254	39.427
6500.000	0.391	110.875	57.775	6498.714	21.250	33.712	0.187	39.850
6600.000	0.391	51.113	58.065	6598.711	21.397	34.328	0.396	40.450
6700.000	0.968	37.024	57.328	6698.701	22.478	35.051	0.598	41.639
6800.000	0.500	36.140	56.775	6798.691	23.465	35.825	0.552	42.826

