

GyroTracer Directional:

Date: 9/26/2018
 Operator : Adrian Bruner
 API: 05-123-32300
 Well Name: **Aristocrat PC H11-27D**
 Field : Noble Energy Inc
 Tool Type And Number: 1717
 Bottom Depth : 7100.00
 Total Well Depth: 7370.00
 Latitude : 40.24839 N
 Longitude : 104.62272 W
 Grid Offset : 0.56

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

Northing: 0.00 Easting: 0.00 Altitude: 4814.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 9/26/2018 8:15

End Time: 9/26/2018 9:47

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	95.306	43.755	100.000	0.470	0.450	0.380	0.651
200.000	0.397	83.527	64.046	199.998	0.500	1.027	0.058	1.142
300.000	0.265	63.117	70.618	299.996	0.591	1.681	0.223	1.782
400.000	0.343	98.748	75.606	399.995	0.523	2.039	0.272	2.105
500.000	0.106	341.715	77.959	499.994	0.492	2.305	0.418	2.356
600.000	0.173	82.654	80.205	599.993	0.418	2.422	0.259	2.457
700.000	0.090	77.337	80.516	699.993	0.421	2.523	0.020	2.558
800.000	1.425	214.496	91.220	799.987	-0.046	2.158	1.544	2.158
900.000	3.260	229.687	186.284	899.880	-3.715	-0.409	1.839	3.738
1000.000	5.090	230.009	211.613	999.589	-9.159	-5.638	1.911	10.755
1100.000	7.382	232.309	221.718	1098.979	-15.968	-14.236	2.304	21.392
1200.000	9.040	234.377	226.376	1197.952	-24.477	-25.681	1.688	35.477
1300.000	10.637	234.316	228.923	1296.485	-34.441	-39.513	1.604	52.416
1400.000	12.440	233.676	230.406	1394.409	-46.265	-55.936	1.826	72.590
1500.000	14.080	233.066	231.136	1491.744	-59.910	-74.343	1.652	95.479
1600.000	14.860	232.870	231.509	1588.508	-75.123	-94.472	0.784	120.700
1700.000	14.782	233.296	231.729	1685.160	-90.649	-114.903	0.136	146.355
1800.000	14.970	233.306	231.969	1781.826	-105.938	-135.441	0.212	171.951
1900.000	14.465	234.928	232.203	1878.541	-120.954	-155.952	0.673	197.359
2000.000	14.970	236.420	232.535	1975.284	-135.425	-176.715	0.632	222.639
2100.000	15.094	236.014	232.925	2071.867	-149.818	-198.272	0.171	248.510
2200.000	14.938	234.120	233.066	2168.528	-164.718	-219.116	0.509	274.124
2300.000	15.240	234.545	233.185	2265.034	-179.959	-240.430	0.335	300.320

2400.000	14.777	234.392	233.295	2361.603	-195.014	-261.586	0.477	326.278
2500.000	15.141	235.383	233.433	2458.236	-209.703	-282.702	0.454	351.988
2600.000	14.706	234.524	233.528	2554.895	-224.465	-303.654	0.472	377.612
2700.000	15.483	231.688	233.491	2651.422	-240.194	-324.498	1.083	403.723
2800.000	15.853	231.368	233.354	2747.614	-257.274	-345.835	0.383	431.036
2900.000	15.740	231.414	233.233	2843.836	-274.292	-367.088	0.111	458.247
3000.000	15.580	231.485	233.126	2940.163	-291.080	-388.049	0.160	485.087
3100.000	14.040	232.224	233.064	3036.916	-306.673	-407.919	1.564	510.340
3200.000	14.242	232.762	233.044	3133.922	-321.419	-427.216	0.243	534.625
3300.000	13.790	232.645	233.031	3230.942	-336.086	-446.498	0.431	558.851
3400.000	14.043	234.381	233.068	3328.025	-350.199	-465.878	0.481	582.822
3500.000	14.627	235.865	233.143	3424.942	-364.361	-486.039	0.694	607.448
3600.000	15.352	237.937	233.313	3521.498	-378.421	-507.925	0.904	633.396
3700.000	15.982	235.352	233.480	3617.713	-393.114	-530.869	0.931	660.576
3800.000	15.449	233.885	233.502	3714.030	-408.899	-552.632	0.606	687.459
3900.000	15.738	232.571	233.502	3810.355	-424.868	-574.228	0.457	714.318
4000.000	17.242	230.931	233.410	3906.108	-442.960	-596.665	1.586	743.117
4100.000	16.576	231.727	233.340	4001.688	-461.235	-619.692	0.715	772.500
4200.000	15.060	234.087	233.314	4097.861	-477.876	-641.437	1.672	799.879
4300.000	13.084	234.087	233.356	4194.937	-491.705	-661.020	1.986	823.846
4400.000	12.795	232.262	233.340	4292.403	-505.243	-678.826	0.513	846.212
4500.000	10.900	231.546	233.304	4390.286	-517.882	-694.884	1.888	866.640
4600.000	9.440	233.720	233.281	4488.639	-528.952	-709.145	1.517	884.690
4700.000	7.580	238.245	233.309	4587.520	-537.478	-721.314	1.987	899.543
4800.000	5.031	230.207	233.336	4686.934	-543.537	-730.166	2.670	910.261
4900.000	2.741	264.624	233.379	4786.721	-546.675	-735.534	3.196	916.441
5000.000	1.038	326.758	233.567	4886.645	-545.491	-738.984	2.706	918.508
5100.000	0.791	326.773	233.664	4986.633	-544.158	-739.809	0.279	918.382
5200.000	0.734	328.557	233.744	5086.624	-543.067	-740.482	0.064	918.278
5300.000	0.772	7.277	233.815	5186.615	-541.873	-740.795	0.491	917.825
5400.000	0.528	4.393	233.876	5286.608	-540.672	-740.806	0.320	917.126
5500.000	0.549	319.808	233.924	5386.604	-539.820	-740.937	0.392	916.730
5600.000	0.321	22.503	233.958	5486.601	-539.198	-740.991	0.651	916.407
5700.000	0.548	26.814	233.975	5586.599	-538.788	-740.889	0.287	916.084
5800.000	0.624	305.058	234.013	5686.596	-538.213	-741.148	0.639	915.955
5900.000	0.894	304.203	234.072	5786.591	-537.580	-741.869	0.404	916.167
6000.000	0.805	300.456	234.151	5886.580	-536.934	-743.137	0.278	916.816
6100.000	1.124	300.318	234.255	5986.563	-535.996	-744.690	0.308	917.526
6200.000	0.186	320.481	234.338	6086.548	-535.462	-746.213	1.053	918.452
6300.000	1.494	257.751	234.366	6186.542	-535.629	-747.211	2.319	919.360
6400.000	1.063	211.754	234.369	6286.530	-536.442	-748.450	1.279	920.841
6500.000	1.120	224.754	234.357	6386.511	-537.706	-749.868	0.314	922.729
6600.000	1.028	243.425	234.349	6486.489	-539.002	-751.457	0.349	924.776
6700.000	0.905	193.959	234.316	6586.478	-540.223	-752.250	0.954	926.132
6800.000	0.364	194.976	234.290	6686.469	-541.194	-752.868	0.675	927.201
6900.000	1.965	201.208	234.227	6786.446	-542.984	-753.611	1.615	928.849
7000.000	2.471	222.617	234.148	6886.366	-546.215	-755.889	0.948	932.587
7100.000	1.571	253.600	234.165	6986.302	-548.003	-758.859	1.365	936.042

