

GyroTracer Directional:

Date: 10/10/2018
 Operator : Adrian Bruner
 API: 05-123-24592
 Well Name: **Dyer USX A 3-17**
 Field : Noble Energy Inc
 Tool Type And Number: 1605
 Bottom Depth : 6900.00
 Total Well Depth: 7169.00
 Latitude : 40.519763 N
 Longitude : 104.530868 W
 Grid Offset : 0.63

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

Northing: 0.00 Easting: 0.00 Altitude: 4782.00

Description:

Azimuth measured in degrees and referenced to local grid

Inclination measured from Vertical

Length measured in US survey feet

Start Time: 10/8/2018 15:12

End Time: 10/8/2018 15:56

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	0.310	323.047	92.250	99.998	-0.019	0.480	0.310	0.480
200.000	0.068	331.814	89.101	199.997	0.015	0.931	0.264	0.931
300.000	0.060	109.691	87.038	299.997	0.049	0.952	0.104	0.954
400.000	0.174	128.078	93.165	399.997	-0.062	1.121	0.140	1.123
500.000	0.180	135.346	101.194	499.996	-0.267	1.351	0.051	1.377
600.000	0.232	125.332	106.964	599.996	-0.496	1.627	0.061	1.701
700.000	0.189	160.043	112.574	699.995	-0.768	1.848	0.123	2.002
800.000	0.801	269.329	127.694	799.992	-0.932	1.206	0.872	1.524
900.000	0.778	324.265	164.184	899.984	-0.389	0.110	0.665	0.404
1000.000	0.946	319.552	313.888	999.972	0.791	-0.822	0.161	1.141
1100.000	0.871	317.682	316.661	1099.960	1.981	-1.869	0.163	2.724
1200.000	0.845	305.032	314.821	1199.949	2.966	-2.985	0.260	4.208
1300.000	0.779	295.308	311.204	1299.939	3.680	-4.203	0.318	5.586
1400.000	0.738	273.545	306.296	1399.930	4.010	-5.460	0.264	6.775
1500.000	0.728	255.799	300.097	1499.922	3.894	-6.719	0.245	7.766
1600.000	0.801	249.177	293.601	1599.913	3.490	-7.988	0.168	8.717
1700.000	0.675	240.029	287.851	1699.905	2.947	-9.152	0.131	9.615
1800.000	0.579	235.436	283.214	1799.899	2.366	-10.078	0.127	10.352
1900.000	0.473	178.628	279.035	1899.895	1.667	-10.484	0.540	10.616
2000.000	0.437	166.736	274.861	1999.892	0.883	-10.387	0.116	10.424
2100.000	0.160	191.748	272.082	2099.891	0.375	-10.328	0.333	10.335
2200.000	0.140	228.694	270.867	2199.890	0.158	-10.448	0.066	10.449
2300.000	0.051	254.179	270.354	2299.890	0.065	-10.583	0.047	10.583

2400.000	0.337	60.560	271.092	2399.890	0.198	-10.369	0.396	10.371
2500.000	0.264	200.992	270.715	2499.889	0.127	-10.196	0.550	10.197
2600.000	0.276	30.621	270.673	2599.889	0.119	-10.156	0.621	10.156
2700.000	0.172	152.579	271.112	2699.888	0.193	-9.964	0.381	9.966
2800.000	0.037	61.231	270.440	2799.888	0.076	-9.866	0.228	9.867
2900.000	0.127	166.581	269.903	2899.888	-0.017	-9.812	0.102	9.812
3000.000	0.099	297.592	269.510	2999.888	-0.084	-9.863	0.228	9.864
3100.000	0.344	175.854	268.015	3099.887	-0.344	-9.918	0.504	9.924
3200.000	0.372	176.131	264.407	3199.886	-0.967	-9.875	0.203	9.922
3300.000	0.847	137.177	258.908	3299.880	-1.833	-9.350	0.489	9.528
3400.000	1.694	146.092	245.823	3399.855	-3.602	-8.023	0.733	8.795
3500.000	2.033	142.568	224.459	3499.802	-6.237	-6.121	0.351	8.739
3600.000	1.992	146.089	204.140	3599.740	-9.088	-4.073	0.116	9.959
3700.000	1.666	132.622	190.015	3699.689	-11.515	-2.033	0.472	11.693
3800.000	1.747	141.878	180.095	3799.645	-13.698	-0.023	0.287	13.698
3900.000	1.974	131.620	172.171	3899.593	-16.041	2.206	0.404	16.192
4000.000	1.922	133.012	165.561	3999.535	-18.329	4.719	0.114	18.927
4100.000	1.715	130.906	160.915	4099.484	-20.453	7.077	0.148	21.643
4200.000	1.279	142.269	158.278	4199.450	-22.316	8.891	0.482	24.021
4300.000	0.973	155.778	157.516	4299.431	-23.973	9.922	0.388	25.945
4400.000	1.067	189.680	158.492	4399.416	-25.665	10.114	0.697	27.586
4500.000	1.348	181.526	160.324	4499.394	-27.758	9.926	0.264	29.480
4600.000	1.505	200.917	162.645	4599.363	-30.161	9.426	0.514	31.599
4700.000	1.364	211.919	165.585	4699.332	-32.398	8.328	0.388	33.451
4800.000	1.424	201.962	168.179	4799.303	-34.560	7.234	0.238	35.309
4900.000	1.129	213.141	170.323	4899.278	-36.538	6.230	0.439	37.065
5000.000	1.352	201.503	172.213	4999.255	-38.460	5.259	0.175	38.818
5100.000	1.353	178.078	173.188	5099.228	-40.738	4.866	0.548	41.027
5200.000	1.210	198.981	173.931	5199.203	-42.916	4.563	0.574	43.158
5300.000	1.289	206.211	175.263	5299.179	-44.924	3.722	0.199	45.078
5400.000	0.934	209.637	176.537	5399.160	-46.641	2.823	0.121	46.727
5500.000	0.945	216.776	177.703	5499.147	-48.010	1.926	0.143	48.049
5600.000	0.625	198.786	178.537	5599.138	-49.187	1.256	0.324	49.203
5700.000	0.601	235.084	179.254	5699.132	-50.004	0.651	0.418	50.008
5800.000	0.524	209.127	180.002	5799.128	-50.703	-0.002	0.295	50.703
5900.000	0.767	220.777	180.734	5899.121	-51.610	-0.662	0.379	51.614
6000.000	0.950	180.859	181.202	5999.111	-52.945	-1.111	0.689	52.957
6100.000	0.571	130.768	180.790	6099.103	-54.100	-0.746	0.480	54.105
6200.000	0.617	248.031	180.910	6199.100	-54.626	-0.868	0.323	54.633
6300.000	0.202	123.887	181.274	6299.098	-54.926	-1.221	0.686	54.940
6400.000	0.132	154.650	181.066	6399.098	-55.129	-1.025	0.158	55.138
6500.000	0.335	16.395	180.932	6499.097	-54.952	-0.894	0.408	54.959
6600.000	0.181	131.864	180.725	6599.097	-54.777	-0.694	0.041	54.782
6700.000	0.520	161.705	180.449	6699.095	-55.313	-0.433	0.310	55.315
6800.000	0.309	148.210	180.152	6799.092	-55.973	-0.149	0.294	55.974
6900.000	0.660	193.120	180.139	6899.089	-56.764	-0.138	0.608	56.764