

**GyroTracer Directional:**

Date: 9/18/2018  
 Operator : Adrian Bruner  
 API: 05-123-22622  
 Well Name: **Stephenson 6-32**  
 Field : Noble Energy Inc  
 Tool Type And Number: 1717  
 Bottom Depth : 7000.00  
 Total Well Depth: 7249.00  
 Latitude : 40.51259 N  
 Longitude : 104.59914 W  
 Grid Offset : 0.57

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

Northing: 0.00      Easting: 0.00      Altitude: 4750.00

**Description:**

*Azimuth measured in degrees and referenced to local grid*

*Inclination measured from Vertical*

*Length measured in US survey feet*

Start Time: 9/18/2018 9:39

End Time: 9/18/2018 10:48

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	0.400	174.411	140.826	100.000	-0.540	0.440	0.400	0.697
200.000	0.248	121.994	150.027	199.998	-1.155	0.666	0.329	1.334
300.000	0.365	149.542	157.768	299.994	-1.896	0.775	0.153	2.049
400.000	0.386	219.787	162.536	399.991	-2.574	0.810	0.451	2.699
500.000	0.430	179.723	167.217	499.990	-3.112	0.706	0.316	3.191
600.000	0.181	178.147	169.501	599.988	-3.574	0.662	0.221	3.635
700.000	0.155	232.317	170.829	699.986	-4.088	0.660	0.126	4.141
800.000	0.473	204.678	172.974	799.984	-4.630	0.571	0.292	4.665
900.000	0.342	205.419	176.092	899.982	-5.099	0.348	0.042	5.111
1000.000	0.404	232.546	179.384	999.980	-5.638	0.061	0.220	5.638
1100.000	0.278	198.717	182.730	1099.977	-6.226	-0.297	0.256	6.233
1200.000	0.450	184.261	184.967	1199.974	-6.838	-0.594	0.155	6.864
1300.000	0.421	220.569	186.566	1299.972	-7.368	-0.848	0.276	7.416
1400.000	0.447	238.737	188.814	1399.970	-7.795	-1.209	0.103	7.888
1500.000	0.322	213.390	191.916	1499.968	-8.166	-1.723	0.176	8.345
1600.000	0.177	221.042	194.511	1599.966	-8.507	-2.202	0.149	8.788
1700.000	0.317	200.471	196.327	1699.964	-8.900	-2.607	0.151	9.274
1800.000	0.384	229.993	197.638	1799.961	-9.412	-2.993	0.182	9.877
1900.000	0.546	224.467	199.197	1899.958	-10.077	-3.509	0.152	10.670
2000.000	0.682	239.987	200.702	1999.952	-10.926	-4.129	0.215	11.680
2100.000	0.885	141.035	202.279	2099.945	-11.782	-4.827	1.197	12.732
2200.000	0.803	204.905	202.453	2199.938	-12.819	-5.297	0.258	13.870
2300.000	0.616	204.299	202.575	2299.932	-13.775	-5.727	0.070	14.918

2400.000	0.448	191.205	202.755	2399.928	-14.575	-6.113	0.112	15.805
2500.000	0.482	197.503	202.642	2499.923	-15.451	-6.445	0.069	16.741
2600.000	0.605	202.547	202.507	2599.919	-16.343	-6.772	0.127	17.690
2700.000	0.584	205.882	202.364	2699.914	-17.228	-7.088	0.027	18.630
2800.000	0.282	203.800	202.531	2799.910	-18.009	-7.471	0.246	19.497
2900.000	0.417	213.275	202.649	2899.907	-18.744	-7.821	0.086	20.310
3000.000	0.280	193.289	202.451	2999.904	-19.392	-8.013	0.159	20.982
3100.000	0.280	200.947	202.052	3099.903	-19.861	-8.045	0.052	21.428
3200.000	0.339	206.290	201.784	3199.901	-20.352	-8.134	0.056	21.917
3300.000	0.349	195.748	201.534	3299.900	-20.841	-8.224	0.075	22.405
3400.000	0.330	167.029	201.057	3399.898	-21.365	-8.225	0.163	22.893
3500.000	0.307	227.886	200.963	3499.897	-21.780	-8.345	0.302	23.324
3600.000	0.270	246.971	201.481	3599.895	-22.162	-8.722	0.073	23.816
3700.000	0.381	256.621	202.181	3699.894	-22.436	-9.147	0.079	24.229
3800.000	0.302	257.347	203.274	3799.892	-22.520	-9.686	0.034	24.515
3900.000	0.303	248.180	204.403	3899.890	-22.646	-10.274	0.039	24.868
4000.000	0.409	241.823	205.301	3999.887	-23.029	-10.886	0.130	25.472
4100.000	0.410	230.342	206.066	4099.884	-23.524	-11.507	0.104	26.187
4200.000	0.503	225.206	206.545	4199.880	-24.147	-12.063	0.086	26.993
4300.000	0.607	218.161	207.036	4299.875	-24.866	-12.690	0.093	27.917
4400.000	0.667	218.955	207.667	4399.869	-25.675	-13.461	0.050	28.990
4500.000	0.823	222.065	208.376	4499.862	-26.518	-14.324	0.186	30.139
4600.000	0.690	216.236	208.793	4599.853	-27.523	-15.127	0.147	31.406
4700.000	0.585	302.821	209.993	4699.847	-27.779	-16.034	0.915	32.075
4800.000	0.668	301.075	212.057	4799.840	-27.065	-16.950	0.067	31.934
4900.000	0.644	302.273	214.227	4899.833	-26.351	-17.927	0.162	31.871
5000.000	0.736	303.534	216.516	4999.824	-25.492	-18.875	0.043	31.719
5100.000	0.629	312.711	218.850	5099.816	-24.635	-19.842	0.128	31.632
5200.000	0.544	313.024	221.047	5199.808	-23.783	-20.708	0.034	31.534
5300.000	0.440	355.274	222.352	5299.805	-23.085	-21.044	0.339	31.237
5400.000	0.460	10.293	223.449	5399.801	-22.291	-21.116	0.179	30.705
5500.000	0.571	16.718	224.311	5499.797	-21.387	-20.879	0.184	29.889
5600.000	0.880	29.168	225.088	5599.789	-20.308	-20.371	0.285	28.764
5700.000	1.495	41.451	225.537	5699.765	-18.625	-18.977	0.667	26.590
5800.000	1.573	34.495	226.603	5799.729	-16.473	-17.421	0.212	23.976
5900.000	1.701	33.529	227.617	5899.687	-14.226	-15.589	0.042	21.105
6000.000	1.777	25.073	229.580	5999.639	-11.754	-13.801	0.279	18.128
6100.000	1.669	24.187	235.086	6099.592	-8.903	-12.756	0.109	15.555
6200.000	1.353	4.271	242.087	6199.560	-6.435	-12.147	0.621	13.746
6300.000	1.046	359.482	249.187	6299.542	-4.578	-12.043	0.234	12.884
6400.000	0.610	1.089	254.587	6399.533	-3.328	-12.073	0.243	12.523
6500.000	0.251	341.477	257.907	6499.530	-2.583	-12.057	0.436	12.331
6600.000	0.233	329.716	259.505	6599.529	-2.227	-12.021	0.072	12.225
6700.000	0.338	301.128	260.300	6699.528	-2.107	-12.329	0.210	12.507
6800.000	0.451	325.147	262.069	6799.527	-1.770	-12.702	0.251	12.825
6900.000	0.186	296.458	265.486	6899.521	-1.056	-13.373	0.283	13.414
7000.000	0.221	5.060	266.268	6999.520	-0.888	-13.612	0.230	13.641

