

Company: Anadarko Petroleum Corp.  
 Well: Premium Turkey Farms B#1A  
 API#: 05-123-07853  
 Rig Name: Production / V.E.S.  
 State/County: Colorado / Weld County  
 Latitude: 40.128, Longitude: -104.869  
 Directions are relative to True North  
 VS-Azi: 0.000 Degrees



FIELD COPY ONLY (NOT DEFINITIVE)

Depth Reference : RKB = Ground Level

DRILLOG GYRO SURVEY CALCULATIONS

Filename: survey.ut  
 Minimum Curvature Method  
 Report Date/Time: 5/1/2014 / 19:31

Vaughn Energy Services  
 Henderson CO.  
 303-853-4976  
 Norman Cowan

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	****
100.000	0.986	28.846	99.995	0.754	0.415	0.754	0.860	28.846	0.986
200.000	0.522	352.301	199.987	1.958	0.769	1.958	2.104	21.442	0.646
300.000	1.129	354.855	299.976	3.391	0.620	3.391	3.447	10.361	0.608
400.000	0.616	355.939	399.964	4.907	0.494	4.907	4.932	5.743	0.513
500.000	0.541	305.673	499.959	5.719	0.072	5.719	5.719	0.719	0.496
600.000	0.318	275.475	599.957	6.021	-0.589	6.021	6.049	354.416	0.311
700.000	0.189	192.869	699.956	5.886	-0.902	5.886	5.955	351.289	0.349
800.000	0.237	253.985	799.955	5.669	-1.138	5.669	5.782	348.651	0.221
900.000	0.404	196.448	899.954	5.274	-1.437	5.274	5.466	344.761	0.341
1000.000	0.596	221.308	999.950	4.545	-1.880	4.545	4.918	337.532	0.285
1100.000	0.638	231.985	1099.944	3.812	-2.661	3.812	4.649	325.075	0.122
1200.000	0.582	215.848	1199.939	3.057	-3.398	3.057	4.570	311.978	0.180
1300.000	0.774	248.360	1299.932	2.396	-4.323	2.396	4.942	298.999	0.422
1400.000	0.496	219.758	1399.926	1.814	-5.227	1.814	5.533	289.142	0.413
1500.000	1.024	216.547	1499.917	0.764	-6.036	0.764	6.084	277.214	0.529
1600.000	1.094	258.190	1599.901	-0.149	-7.502	-0.149	7.504	268.861	0.756
1700.000	1.003	212.625	1699.886	-1.082	-8.908	-1.082	8.974	263.076	0.816
1800.000	0.627	237.100	1799.876	-2.116	-9.839	-2.116	10.064	257.862	0.505
1900.000	1.027	281.987	1899.867	-2.227	-11.175	-2.227	11.395	258.729	0.732
2000.000	1.000	233.760	1999.853	-2.557	-12.755	-2.557	13.009	258.665	0.828
2100.000	0.773	290.216	2099.842	-2.840	-14.092	-2.840	14.375	258.607	0.862
2200.000	0.940	318.616	2199.832	-1.991	-15.267	-1.991	15.396	262.569	0.450
2300.000	0.748	247.514	2299.823	-1.626	-16.412	-1.626	16.492	264.343	0.994
2400.000	0.680	270.039	2399.816	-1.875	-17.608	-1.875	17.708	263.922	0.287
2500.000	0.739	223.921	2499.809	-2.339	-18.648	-2.339	18.795	262.851	0.558
2600.000	0.539	257.016	2599.803	-2.909	-19.554	-2.909	19.770	261.538	0.411
2700.000	0.975	226.170	2699.794	-3.604	-20.627	-3.604	20.939	260.089	0.582
2800.000	1.135	200.773	2799.778	-5.120	-21.592	-5.120	22.191	256.661	0.489
2900.000	0.752	200.812	2899.764	-6.660	-22.177	-6.660	23.155	253.285	0.383
3000.000	0.984	201.631	2999.752	-8.071	-22.727	-8.071	24.117	250.447	0.233
3100.000	0.255	183.419	3099.746	-9.092	-23.056	-9.092	24.784	248.480	0.747
3200.000	0.747	162.485	3199.742	-9.935	-22.874	-9.935	24.938	246.523	0.517
3300.000	1.090	154.930	3299.729	-11.418	-22.274	-11.418	25.030	242.860	0.364
3400.000	1.013	181.943	3399.713	-13.163	-21.901	-13.163	25.552	238.994	0.497

HORIZONTAL DISPLACEMENT IS  
42.957 FEET AT 258.914 DEGREES