



Company: Anadarko Petroleum
Rig: Production/Cable
Latitude: 40.15091
Longitude: -104.8179
API # 05-123-20434
Date: 11/22/2011

Well: HSR-Bohling Federal 10-7A
Location: Weld County, Colorado
North Reference: True North
Depth Reference: Ground Level
Surveyor: James Proulx
VS: 0

Depth	Inc	AzG	N/-S	E/-W	TVD	DL	VS	CD	Cbrg
100.000	0.310	359.272	0.271	-0.003	100.000	0.310	0.271	0.271	359.272
200.000	0.279	10.291	0.781	0.037	199.998	0.064	0.781	0.782	2.686
300.000	0.199	278.665	1.047	-0.091	299.998	0.347	1.047	1.051	355.024
400.000	0.133	205.706	0.968	-0.313	399.997	0.204	0.968	1.017	342.101
500.000	0.102	297.140	0.904	-0.442	499.997	0.169	0.904	1.007	333.945
600.000	0.131	212.061	0.848	-0.582	599.997	0.159	0.848	1.028	325.552
700.000	0.108	300.666	0.800	-0.723	699.997	0.168	0.800	1.078	317.858
800.000	0.120	184.566	0.744	-0.813	799.997	0.193	0.744	1.102	312.451
900.000	0.703	240.757	0.340	-1.357	899.994	0.644	0.340	1.398	284.075
1000.000	0.702	238.668	-0.278	-2.415	999.986	0.026	-0.278	2.431	263.429
1100.000	0.809	231.469	-1.037	-3.491	1099.978	0.143	-1.037	3.641	253.461
1200.000	0.840	226.673	-1.979	-4.576	1199.967	0.076	-1.979	4.986	246.610
1300.000	0.694	223.689	-2.921	-5.528	1299.958	0.151	-2.921	6.253	242.151
1400.000	0.826	248.652	-3.621	-6.619	1399.950	0.353	-3.621	7.545	241.314
1500.000	0.865	229.698	-4.372	-7.866	1499.939	0.281	-4.372	8.999	240.933
1600.000	0.979	235.559	-5.344	-9.146	1599.926	0.147	-5.344	10.592	239.704
1700.000	1.132	243.159	-6.272	-10.731	1699.909	0.207	-6.272	12.430	239.694
1800.000	0.953	257.707	-6.895	-12.425	1799.893	0.318	-6.895	14.210	240.971
1900.000	1.398	288.008	-6.695	-14.397	1899.872	0.749	-6.695	15.877	245.059
2000.000	1.603	291.371	-5.808	-16.859	1999.838	0.224	-5.808	17.832	250.990
2100.000	1.751	310.843	-4.299	-19.318	2099.796	0.586	-4.299	19.791	257.453
2200.000	1.976	303.416	-2.350	-21.913	2199.743	0.330	-2.350	22.039	263.878
2300.000	1.516	309.856	-0.553	-24.368	2299.697	0.500	-0.553	24.374	268.700
2400.000	1.563	305.833	1.093	-26.489	2399.661	0.118	1.093	26.511	272.363
2500.000	0.884	331.217	2.568	-27.966	2499.638	0.853	2.568	28.084	275.246
2600.000	0.772	1.539	3.918	-28.319	2599.628	0.446	3.918	28.589	277.876
2700.000	1.006	26.900	5.374	-27.904	2699.616	0.452	5.374	28.417	280.902
2800.000	1.187	20.712	7.126	-27.141	2799.598	0.216	7.126	28.061	284.711
2900.000	1.251	29.851	9.041	-26.231	2899.575	0.204	9.041	27.746	289.017
3000.000	1.473	36.039	11.027	-24.932	2999.547	0.266	11.027	27.261	293.859
3100.000	2.350	30.133	13.840	-23.146	3099.491	0.898	13.840	26.968	300.876
3200.000	2.432	47.495	17.047	-20.553	3199.405	0.726	17.047	26.702	309.673
3300.000	1.600	31.537	19.670	-18.258	3299.343	0.996	19.670	26.838	317.132
3400.000	1.161	353.668	21.867	-17.640	3399.315	0.987	21.867	28.095	321.107
3500.000	1.238	332.615	23.833	-18.248	3499.294	0.445	23.833	30.017	322.559
3600.000	1.422	306.106	25.523	-19.747	3599.268	0.635	25.523	32.270	322.270
3700.000	1.562	298.609	26.906	-21.946	3699.234	0.240	26.906	34.721	320.798
3800.000	1.244	293.097	27.985	-24.141	3799.204	0.345	27.985	36.958	319.218
3900.000	1.461	292.939	28.907	-26.313	3899.176	0.218	28.907	39.090	317.690

4000.000	1.384	290.111	29.819	-28.621	3999.145	0.105	29.819	41.332	316.175
4100.000	1.378	276.888	30.379	-30.949	4099.117	0.318	30.379	43.367	314.468
4200.000	1.709	290.029	31.034	-33.544	4199.081	0.483	31.034	45.698	312.774
4300.000	1.518	289.363	31.984	-36.195	4299.041	0.192	31.984	48.301	311.465
4400.000	1.299	287.074	32.756	-38.529	4399.011	0.226	32.756	50.571	310.370
4500.000	1.653	287.100	33.513	-40.991	4498.977	0.354	33.513	52.947	309.268
4600.000	1.521	283.304	34.242	-43.661	4598.939	0.169	34.242	55.487	308.106
4700.000	1.029	289.052	34.841	-45.801	4698.914	0.508	34.841	57.546	307.260
4800.000	1.072	268.304	35.106	-47.584	4798.897	0.381	35.106	59.133	306.418
4900.000	1.142	251.503	34.762	-49.464	4898.879	0.331	34.762	60.458	305.098
5000.000	0.987	247.135	34.111	-51.203	4998.862	0.175	34.111	61.525	303.672
5100.000	1.292	250.740	33.405	-53.061	5098.842	0.314	33.405	62.700	302.193
5200.000	1.186	252.075	32.714	-55.110	5198.818	0.111	32.714	64.088	300.694
5300.000	1.161	253.623	32.110	-57.066	5298.797	0.040	32.110	65.480	299.366
5400.000	1.091	263.009	31.709	-58.983	5398.778	0.197	31.709	66.966	298.262
5500.000	0.948	266.436	31.541	-60.754	5498.762	0.155	31.541	68.454	297.437
5600.000	1.090	270.038	31.491	-62.531	5598.747	0.156	31.491	70.013	296.730
5700.000	1.147	266.106	31.423	-64.482	5698.727	0.096	31.423	71.731	295.981
5800.000	0.763	285.187	31.530	-66.123	5798.714	0.494	31.530	73.256	295.493
5900.000	1.003	280.884	31.869	-67.625	5898.702	0.249	31.869	74.759	295.233
6000.000	1.077	274.407	32.107	-69.422	5998.685	0.139	32.107	76.487	294.820
6100.000	1.147	274.688	32.261	-71.356	6098.666	0.070	32.261	78.310	294.328
6200.000	0.867	259.609	32.206	-73.098	6198.651	0.383	32.206	79.878	293.778
6300.000	1.315	233.174	31.382	-74.760	6298.633	0.663	31.382	81.080	292.771
6400.000	2.172	225.099	29.357	-77.021	6398.586	0.889	29.357	82.426	290.864
6500.000	1.792	216.901	26.769	-79.302	6498.526	0.473	26.769	83.698	288.652
6600.000	1.377	248.189	25.072	-81.356	6598.490	0.943	25.072	85.132	287.128
6700.000	1.255	257.813	24.394	-83.542	6698.464	0.252	24.394	87.031	286.278
6800.000	0.981	263.380	24.065	-85.463	6798.444	0.294	24.065	88.787	285.726
6900.000	1.051	287.044	24.235	-87.191	6898.429	0.422	24.235	90.496	285.533
7000.000	0.858	292.770	24.793	-88.758	6998.415	0.215	24.793	92.155	285.607
7100.000	0.783	327.523	25.660	-89.815	7098.406	0.495	25.660	93.409	285.944
7200.000	0.872	293.896	26.545	-90.878	7198.396	0.486	26.545	94.675	286.283
7300.000	1.148	281.973	27.060	-92.553	7298.380	0.346	27.060	96.428	286.298
7400.000	1.141	305.257	27.843	-94.345	7398.361	0.462	27.843	98.368	286.442
7500	0.922	297.677	28.791	-95.871	7498.345	0.258	28.791	100.1	286.716
7600.000	0.831	295.788	29.480	-97.236	7598.333	0.095	29.480	101.606	286.866
7700.000	0.437	299.513	29.983	-98.220	7698.327	0.396	29.983	102.695	286.976