



Company: Anadarko Petroleum Corp
Rig: Production/Cable
Latitude: 40.216
Longitude: -104.760
API # 05-123-14633
Date: 5/3/12

Well: HSR-M. Christine 2-22
Location: Weld County, Colorado
North Reference: True North
Depth Reference: RKB = Ground Level
Surveyor: Justin Williams
VS: 0.000

Field copy only not difinitive.

Depth	Inc	AzG	N/-S	E/-W	TVD	DL	VS	CD	Cbrg
0.000	0.000	0.000	0.000	0.000	0.000	****	0.000	0.000	0.000
100.000	0.728	324.943	0.520	-0.365	99.997	0.728	0.520	0.635	324.943
200.000	0.503	337.262	1.445	-0.900	199.992	0.260	1.445	1.702	328.095
300.000	0.197	290.819	1.910	-1.229	299.990	0.394	1.910	2.272	327.237
400.000	0.621	346.759	2.499	-1.514	399.987	0.536	2.499	2.922	328.792
500.000	0.346	356.656	3.328	-1.656	499.984	0.287	3.328	3.717	333.549
600.000	0.521	315.493	3.953	-1.992	599.981	0.346	3.953	4.427	333.257
700.000	0.638	327.756	4.749	-2.608	699.976	0.170	4.749	5.418	331.224
800.000	0.664	323.896	5.688	-3.247	799.969	0.051	5.688	6.549	330.283
900.000	0.637	294.081	6.383	-4.095	899.963	0.336	6.383	7.584	327.315
1000.000	0.332	293.436	6.725	-4.868	999.959	0.305	6.725	8.302	324.098
1100.000	0.291	267.712	6.830	-5.388	1099.958	0.144	6.830	8.699	321.733
1200.000	0.444	258.756	6.744	-6.021	1199.956	0.163	6.744	9.041	318.244
1300.000	0.643	258.476	6.557	-6.951	1299.951	0.200	6.557	9.555	313.330
1400.000	0.398	302.222	6.630	-7.795	1399.948	0.450	6.630	10.233	310.383
1500.000	0.439	300.825	7.012	-8.418	1499.945	0.042	7.012	10.956	309.792
1600.000	0.530	299.508	7.436	-9.149	1599.941	0.092	7.436	11.790	309.101
1700.000	0.681	279.376	7.761	-10.139	1699.936	0.259	7.761	12.768	307.432
1800.000	0.660	295.698	8.107	-11.245	1799.929	0.192	8.107	13.862	305.791
1900.000	0.411	257.378	8.279	-12.113	1899.925	0.423	8.279	14.672	304.350
2000.000	0.269	234.275	8.063	-12.653	1999.923	0.194	8.063	15.004	302.507
2100.000	0.111	34.413	8.006	-12.789	2099.923	0.375	8.006	15.089	302.047
2200.000	0.210	207.511	7.924	-12.819	2199.923	0.321	7.924	15.070	301.720
2300.000	0.303	349.442	8.020	-12.952	2299.922	0.486	8.020	15.235	301.767
2400.000	0.362	274.648	8.306	-13.316	2399.921	0.407	8.306	15.694	301.953
2500.000	0.640	290.253	8.525	-14.155	2499.917	0.307	8.525	16.524	301.058
2600.000	0.845	315.888	9.247	-15.192	2599.909	0.385	9.247	17.785	301.328
2700.000	0.826	320.040	10.329	-16.168	2699.898	0.063	10.329	19.186	302.572
2800.000	0.554	306.507	11.169	-17.020	2799.891	0.315	11.169	20.358	303.275
2900.000	0.793	320.965	11.994	-17.844	2899.884	0.291	11.994	21.501	303.908
3000.000	0.836	318.075	13.074	-18.767	2999.874	0.059	13.074	22.872	304.863
3100.000	0.766	290.847	13.855	-19.879	3099.865	0.383	13.855	24.231	304.874
3200.000	1.203	305.611	14.704	-21.358	3199.850	0.502	14.704	25.930	304.546
3300.000	1.466	307.416	16.093	-23.227	3299.823	0.266	16.093	28.257	304.715
3400.000	1.343	311.319	17.644	-25.124	3399.792	0.156	17.644	30.700	305.079
3500.000	1.425	329.953	19.494	-26.627	3499.764	0.455	19.494	33.000	306.209
3600.000	1.262	357.628	21.671	-27.295	3599.737	0.662	21.671	34.852	308.448
3700.000	1.280	337.620	23.804	-27.766	3699.713	0.442	23.804	36.573	310.607

3800.000	0.934	336.295	25.583	-28.519	3799.694	0.346	25.583	38.312	311.894
3900.000	0.690	339.644	26.893	-29.056	3899.684	0.249	26.893	39.591	312.786
4000.000	0.804	316.646	27.967	-29.747	3999.676	0.318	27.967	40.829	313.234
4100.000	0.771	334.706	29.086	-30.516	4099.667	0.249	29.086	42.157	313.626
4200.000	0.824	311.454	30.170	-31.342	4199.657	0.325	30.170	43.503	313.908
4300.000	1.029	311.632	31.242	-32.552	4299.644	0.205	31.242	45.118	313.824
4400.000	0.888	317.622	32.411	-33.745	4399.630	0.173	32.411	46.789	313.845
4500.000	0.758	335.019	33.583	-34.546	4499.620	0.280	33.583	48.179	314.189
4600.000	0.827	5.480	34.900	-34.757	4599.611	0.421	34.900	49.255	315.118
4700.000	0.926	342.925	36.390	-34.925	4699.599	0.356	36.390	50.438	316.177
4800.000	1.201	346.863	38.183	-35.400	4799.582	0.285	38.183	52.069	317.166
4900.000	1.709	356.929	40.694	-35.719	4899.550	0.567	40.694	54.146	318.725
5000.000	1.999	7.651	43.911	-35.566	4999.498	0.450	43.911	56.508	320.994
5100.000	2.005	17.339	47.310	-34.813	5099.437	0.338	47.310	58.738	323.652
5200.000	1.109	19.563	49.892	-33.967	5199.399	0.898	49.892	60.357	325.752
5300.000	0.352	13.537	51.103	-33.571	5299.390	0.761	51.103	61.143	326.698
5400.000	0.273	280.444	51.444	-33.734	5399.389	0.457	51.444	61.518	326.746
5500.000	0.466	235.460	51.257	-34.304	5499.387	0.334	51.257	61.677	326.208
5600.000	0.767	215.214	50.480	-35.024	5599.381	0.367	50.480	61.440	325.246
5700.000	0.837	205.217	49.272	-35.722	5699.372	0.157	49.272	60.859	324.058
5800.000	0.828	196.148	47.917	-36.234	5799.361	0.132	47.917	60.074	322.904
5900.000	0.942	182.075	46.401	-36.465	5899.349	0.244	46.401	59.015	321.838
6000.000	1.141	191.128	44.603	-36.687	5999.333	0.258	44.603	57.752	320.562
6100.000	1.327	197.801	42.524	-37.233	6099.310	0.235	42.524	56.520	318.795
6200.000	1.817	182.168	39.836	-37.647	6199.272	0.647	39.836	54.811	316.619
6300.000	1.632	211.833	37.042	-38.458	6299.229	0.901	37.042	53.396	313.926
6400.000	1.738	211.429	34.538	-40.000	6399.185	0.107	34.538	52.847	310.809
6500.000	1.953	215.633	31.858	-41.784	6499.134	0.254	31.858	52.544	307.324
6600.000	2.231	198.490	28.627	-43.394	6599.068	0.681	28.627	51.986	303.413
6700.000	2.119	202.354	25.071	-44.714	6698.996	0.184	25.071	51.263	299.279
6800.000	3.108	203.794	20.881	-46.511	6798.890	0.991	20.881	50.983	294.177
6900.000	3.894	202.591	15.265	-48.910	6898.703	0.790	15.265	51.236	287.333
7000.000	4.756	208.975	8.503	-52.222	6998.418	0.985	8.503	52.910	279.248
7100.000	5.411	206.363	0.652	-56.324	7098.024	0.695	0.652	56.328	270.663
7200.000	5.661	210.084	-7.841	-60.890	7197.558	0.438	-7.841	61.393	262.662