



**Company:** Anadarko Petroleum C  
**Rig:** Production/Coretech  
**Latitude:** 40.223322  
**Longitude:** -104.741384  
**API #** 05-123-15725  
**Date:** 1/15/14

**Well:** HSR-Teacher 10-14  
**Location:** Weld County  
**North Reference:** True North  
**Depth Reference:** RKB=Ground Level  
**Surveyor:** Levi Sheldon  
**VS:** 0.000

Field copy only not definitive.

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	0.128	322.306	0.089	-0.069	100.000	0.128	0.089	0.112	322.306
200.000	0.342	286.118	0.260	-0.424	199.999	0.250	0.260	0.497	301.558
300.000	0.107	256.452	0.321	-0.801	299.998	0.254	0.321	0.863	291.836
400.000	0.377	262.971	0.259	-1.219	399.997	0.271	0.259	1.246	281.986
500.000	0.349	280.834	0.276	-1.845	499.995	0.116	0.276	1.865	278.501
600.000	0.598	191.405	-0.179	-2.247	599.993	0.690	-0.179	2.254	265.449
700.000	0.681	197.222	-1.258	-2.526	699.987	0.105	-1.258	2.822	243.520
800.000	0.825	197.994	-2.511	-2.925	799.978	0.144	-2.511	3.855	229.352
900.000	1.118	193.374	-4.145	-3.373	899.963	0.303	-4.145	5.344	219.136
1000.000	1.301	202.397	-6.143	-4.031	999.941	0.263	-6.143	7.348	213.270
1100.000	1.685	199.648	-8.577	-4.958	1099.907	0.391	-8.577	9.907	210.028
1200.000	1.839	202.547	-11.444	-6.068	1199.860	0.178	-11.444	12.953	207.932
1300.000	2.116	207.813	-14.559	-7.544	1299.800	0.330	-14.559	16.398	207.392
1400.000	2.611	208.665	-18.190	-9.498	1399.715	0.496	-18.190	20.521	207.571
1500.000	3.033	213.845	-22.386	-12.064	1499.594	0.493	-22.386	25.429	208.321
1600.000	3.363	210.595	-27.108	-15.030	1599.438	0.377	-27.108	30.996	209.007
1700.000	3.616	215.023	-32.215	-18.333	1699.252	0.369	-32.215	37.066	209.643
1800.000	3.797	211.984	-37.606	-21.897	1799.043	0.267	-37.606	43.516	210.211
1900.000	3.906	212.549	-43.286	-25.483	1898.817	0.115	-43.286	50.230	210.486
2000.000	3.729	209.372	-48.990	-28.910	1998.596	0.276	-48.990	56.885	210.546
2100.000	2.870	211.594	-53.957	-31.817	2098.429	0.868	-53.957	62.640	210.527
2200.000	2.042	217.190	-57.509	-34.206	2198.336	0.862	-57.509	66.913	210.744
2300.000	1.966	221.295	-60.217	-36.414	2298.275	0.162	-60.217	70.371	211.162
2400.000	1.621	224.404	-62.516	-38.536	2398.226	0.358	-62.516	73.438	211.650
2500.000	1.151	211.361	-64.384	-40.048	2498.197	0.563	-64.384	75.823	211.883
2600.000	1.121	203.796	-66.136	-40.965	2598.177	0.153	-66.136	77.795	211.774
2700.000	1.162	200.730	-67.980	-41.719	2698.157	0.074	-67.980	79.760	211.537
2800.000	0.973	214.391	-69.629	-42.557	2798.140	0.316	-69.629	81.605	211.433
2900.000	0.901	225.934	-70.876	-43.602	2898.127	0.202	-70.876	83.213	211.599
3000.000	0.885	245.552	-71.742	-44.870	2998.115	0.305	-71.742	84.618	212.023
3100.000	1.021	238.457	-72.528	-46.332	3098.101	0.180	-72.528	86.064	212.571
3200.000	1.070	248.217	-73.341	-47.959	3198.085	0.184	-73.341	87.629	213.181
3300.000	1.058	247.646	-74.038	-49.679	3298.067	0.016	-74.038	89.161	213.862
3400.000	1.123	237.623	-74.914	-51.361	3398.049	0.201	-74.914	90.830	214.435
3500.000	1.081	233.377	-76.002	-52.946	3498.031	0.092	-76.002	92.626	214.863
3600.000	1.162	237.339	-77.112	-54.557	3598.012	0.112	-77.112	94.460	215.280
3700.000	1.139	237.541	-78.192	-56.249	3697.992	0.024	-78.192	96.322	215.730

3800.000	1.009	237.888	-79.194	-57.833	3797.974	0.130	-79.194	98.063	216.140
3900.000	0.765	244.981	-79.944	-59.184	3897.962	0.267	-79.944	99.468	216.513
4000.000	0.856	247.061	-80.518	-60.477	3997.952	0.096	-80.518	100.701	216.910
4100.000	0.789	247.823	-81.069	-61.803	4097.942	0.069	-81.069	101.940	217.320
4200.000	0.694	253.506	-81.501	-63.021	4197.933	0.120	-81.501	103.024	217.713
4300.000	0.415	248.176	-81.807	-63.938	4297.929	0.284	-81.807	103.829	218.010
4400.000	0.452	240.553	-82.135	-64.617	4397.926	0.068	-82.135	104.506	218.193
4500.000	0.363	267.004	-82.346	-65.277	4497.923	0.205	-82.346	105.080	218.404
4600.000	0.594	263.482	-82.421	-66.108	4597.920	0.232	-82.421	105.658	218.732
4700.000	0.392	264.436	-82.513	-66.963	4697.916	0.202	-82.513	106.266	219.061
4800.000	0.240	341.900	-82.347	-67.369	4797.915	0.413	-82.347	106.394	219.287
4900.000	0.763	11.255	-81.495	-67.304	4897.911	0.566	-81.495	105.694	219.552
5000.000	0.605	20.422	-80.347	-66.990	4997.904	0.191	-80.347	104.610	219.820
5100.000	0.539	19.833	-79.410	-66.646	5097.899	0.067	-79.410	103.671	220.006
5200.000	0.487	21.360	-78.571	-66.332	5197.895	0.053	-78.571	102.827	220.172
5300.000	0.501	17.998	-77.760	-66.042	5297.891	0.032	-77.760	102.020	220.341
5400.000	0.488	7.607	-76.923	-65.851	5397.887	0.090	-76.923	101.259	220.566
5500.000	0.307	358.286	-76.233	-65.802	5497.885	0.191	-76.233	100.705	220.800
5600.000	0.286	355.913	-75.716	-65.828	5597.883	0.025	-75.716	100.331	221.004
5700.000	0.240	346.534	-75.263	-65.895	5697.882	0.063	-75.263	100.033	221.203
5800.000	0.166	335.272	-74.928	-66.004	5797.882	0.084	-74.928	99.854	221.377
5900.000	0.039	97.470	-74.801	-66.031	5897.882	0.190	-74.801	99.776	221.436
6000.000	0.018	228.430	-74.816	-66.009	5997.882	0.053	-74.816	99.773	221.421
6100.000	0.323	11.151	-74.550	-65.966	6097.881	0.337	-74.550	99.546	221.504
6200.000	0.273	344.162	-74.045	-65.977	6197.880	0.147	-74.045	99.175	221.702
6300.000	0.377	352.881	-73.490	-66.082	6297.878	0.115	-73.490	98.831	221.962
6400.000	0.067	168.397	-73.220	-66.111	6397.877	0.444	-73.220	98.650	222.079
6500.000	0.175	264.001	-73.293	-66.251	6497.877	0.193	-73.293	98.799	222.111
6600.000	0.486	264.295	-73.351	-66.825	6597.876	0.311	-73.351	99.227	222.334
6700.000	1.230	296.879	-72.908	-68.204	6697.864	0.861	-72.908	99.837	223.091
6800.000	1.149	334.637	-71.517	-69.590	6797.844	0.773	-71.517	99.788	224.218
6900.000	1.251	340.167	-69.585	-70.390	6897.822	0.154	-69.585	98.979	225.330
7000.000	1.365	347.938	-67.393	-71.009	6997.796	0.211	-67.393	97.899	226.497
7100.000	1.205	359.535	-65.177	-71.267	7097.771	0.305	-65.177	96.576	227.556
7200.000	1.154	11.583	-63.139	-71.073	7197.750	0.253	-63.139	95.068	228.383