



Company: Anadarko Petroleum

Rig: Production/Summit

Latitude: 40.169056

Longitude: -104.879539

API # 05-123-19965

Date: 6/12/14

Well: HSR-Gibler 11-3A

Location: Weld County, CO

North Reference: TRUE NORTH

Depth Reference: RKB = Ground Level

Surveyor: Nick Kula

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	0.000
112.000	0.242	230.790	-0.134	-0.164	100.000	0.242	-0.134	0.211	230.790
212.000	0.307	247.420	-0.370	-0.575	199.999	0.102	-0.370	0.684	237.234
312.000	0.217	331.653	-0.307	-0.912	299.998	0.358	-0.307	0.962	251.423
412.000	0.268	258.008	-0.189	-1.231	399.997	0.294	-0.189	1.245	261.277
512.000	0.291	296.495	-0.124	-1.687	499.996	0.186	-0.124	1.692	265.794
612.000	0.061	318.421	0.029	-1.950	599.995	0.236	0.029	1.951	270.862
712.000	0.369	266.807	0.051	-2.307	699.995	0.334	0.051	2.308	271.277
812.000	0.496	267.004	0.011	-3.061	799.992	0.128	0.011	3.061	270.204
912.000	0.551	268.626	-0.023	-3.974	899.988	0.056	-0.023	3.974	269.665
1012.000	0.705	266.319	-0.074	-5.068	999.982	0.156	-0.074	5.068	269.161
1112.000	0.906	270.878	-0.102	-6.472	1099.972	0.211	-0.102	6.473	269.101
1212.000	0.947	251.720	-0.349	-8.047	1199.959	0.311	-0.349	8.055	267.519
1312.000	1.103	273.145	-0.555	-9.793	1299.943	0.411	-0.555	9.809	266.756
1412.000	1.202	271.869	-0.468	-11.802	1399.923	0.102	-0.468	11.811	267.729
1512.000	1.185	270.470	-0.425	-13.884	1499.901	0.034	-0.425	13.890	268.245
1612.000	1.227	255.300	-0.689	-15.953	1599.879	0.321	-0.689	15.968	267.529
1712.000	1.059	252.245	-1.242	-17.869	1699.859	0.179	-1.242	17.912	266.024
1812.000	1.062	268.075	-1.555	-19.675	1799.843	0.292	-1.555	19.736	265.481
1912.000	0.783	293.507	-1.313	-21.228	1899.830	0.489	-1.313	21.268	266.460
2012.000	0.975	310.687	-0.486	-22.500	1999.818	0.324	-0.486	22.505	268.763
2112.000	0.790	304.932	0.463	-23.709	2099.806	0.205	0.463	23.714	271.119
2212.000	1.108	293.186	1.238	-25.163	2199.793	0.372	1.238	25.194	272.817
2312.000	1.321	261.249	1.444	-27.191	2299.771	0.699	1.444	27.230	273.039
2412.000	1.308	262.183	1.113	-29.461	2399.745	0.025	1.113	29.482	272.164
2512.000	1.270	260.122	0.768	-31.684	2499.720	0.060	0.768	31.693	271.388
2612.000	1.464	258.227	0.317	-34.026	2599.691	0.200	0.317	34.028	270.534
2712.000	1.377	263.888	-0.072	-36.472	2699.660	0.165	-0.072	36.472	269.887
2812.000	1.375	254.204	-0.526	-38.822	2799.632	0.232	-0.526	38.825	269.223
2912.000	1.015	251.539	-1.134	-40.817	2899.610	0.364	-1.134	40.832	268.409
3012.000	1.026	247.083	-1.763	-42.482	2999.594	0.080	-1.763	42.518	267.624
3112.000	0.934	239.377	-2.527	-44.008	3099.579	0.161	-2.527	44.081	266.714
3212.000	0.751	230.637	-3.358	-45.216	3199.569	0.223	-3.358	45.341	265.753
3312.000	0.905	215.356	-4.418	-46.180	3299.558	0.268	-4.418	46.391	264.536
3412.000	1.010	213.689	-5.795	-47.126	3399.544	0.108	-5.795	47.481	262.989
3512.000	1.088	186.998	-7.471	-47.731	3499.528	0.490	-7.471	48.312	261.104
3612.000	1.123	183.562	-9.392	-47.907	3599.509	0.075	-9.392	48.819	258.908
3712.000	0.854	152.387	-11.030	-47.623	3699.495	0.591	-11.030	48.884	256.959

3812.000	0.848	134.133	-12.206	-46.746	3799.484	0.270	-12.206	48.314	255.366
3912.000	0.842	118.210	-13.069	-45.568	3899.474	0.234	-13.069	47.405	253.997
4012.000	0.708	138.030	-13.875	-44.507	3999.465	0.297	-13.875	46.620	252.685
4112.000	0.596	123.466	-14.622	-43.660	4099.458	0.199	-14.622	46.043	251.484
4212.000	0.695	120.793	-15.219	-42.705	4199.452	0.103	-15.219	45.336	250.385
4312.000	0.573	50.652	-15.213	-41.797	4299.447	0.735	-15.213	44.479	250.000
4412.000	0.898	352.816	-14.118	-41.508	4399.440	0.766	-14.118	43.843	251.216
4512.000	1.032	343.215	-12.478	-41.866	4499.426	0.209	-12.478	43.686	253.404
4612.000	1.080	336.660	-10.751	-42.500	4599.409	0.130	-10.751	43.838	255.804
4712.000	1.029	315.070	-9.250	-43.507	4699.392	0.398	-9.250	44.479	257.997
4812.000	1.089	283.304	-8.396	-45.066	4799.376	0.583	-8.396	45.841	259.447
4912.000	1.232	269.722	-8.182	-47.066	4899.356	0.309	-8.182	47.772	260.138
5012.000	1.106	277.832	-8.056	-49.097	4999.335	0.208	-8.056	49.753	260.682
5112.000	1.132	268.696	-7.947	-51.041	5099.316	0.180	-7.947	51.656	261.150
5212.000	1.055	257.575	-8.167	-52.927	5199.298	0.226	-8.167	53.554	261.228
5312.000	1.022	289.748	-8.064	-54.666	5299.282	0.576	-8.064	55.257	261.608
5412.000	0.826	274.069	-7.712	-56.224	5399.269	0.318	-7.712	56.750	262.190
5512.000	0.896	266.503	-7.708	-57.723	5499.258	0.134	-7.708	58.236	262.394
5612.000	0.897	290.654	-7.480	-59.237	5599.246	0.375	-7.480	59.707	262.804
5712.000	0.644	256.020	-7.339	-60.515	5699.238	0.519	-7.339	60.959	263.085
5812.000	0.869	263.150	-7.565	-61.813	5799.229	0.243	-7.565	62.274	263.022
5912.000	1.218	280.903	-7.455	-63.609	5899.212	0.472	-7.455	64.045	263.316
6012.000	1.212	285.479	-6.972	-65.672	5999.190	0.097	-6.972	66.041	263.940
6112.000	0.566	273.515	-6.659	-67.184	6099.177	0.668	-6.659	67.513	264.339
6212.000	0.131	288.837	-6.592	-67.785	6199.175	0.441	-6.592	68.105	264.446
6312.000	0.359	271.474	-6.547	-68.207	6299.174	0.237	-6.547	68.521	264.517
6412.000	0.307	290.541	-6.445	-68.772	6399.173	0.122	-6.445	69.073	264.646
6512.000	0.428	266.400	-6.374	-69.396	6499.171	0.194	-6.374	69.688	264.752
6612.000	0.820	254.544	-6.588	-70.458	6599.165	0.411	-6.588	70.765	264.658
6712.000	0.495	306.471	-6.522	-71.495	6699.159	0.645	-6.522	71.791	264.788
6812.000	0.576	335.505	-5.808	-72.051	6799.154	0.280	-5.808	72.284	265.392
6912.000	0.748	334.757	-4.760	-72.537	6899.148	0.172	-4.760	72.693	266.246
7012.000	0.864	331.051	-3.510	-73.180	6999.138	0.127	-3.510	73.265	267.254
7112.000	1.096	335.596	-1.979	-73.941	7099.123	0.245	-1.979	73.967	268.467
7212.000	1.081	320.460	-0.381	-74.936	7199.105	0.287	-0.381	74.937	269.709
7312.000	1.300	312.721	1.116	-76.370	7299.084	0.272	1.116	76.378	270.837
7412.000	0.932	332.145	2.604	-77.583	7399.065	0.523	2.604	77.627	271.922
7512.000	0.639	331.336	3.812	-78.230	7499.055	0.293	3.812	78.323	272.789
7612.000	0.124	347.385	4.407	-78.521	7599.053	0.520	4.407	78.645	273.212
7712.000	0.226	218.351	4.358	-78.667	7699.053	0.320	4.358	78.788	273.171
7812.000	0.448	235.713	3.983	-79.113	7799.051	0.241	3.983	79.213	272.882