



**Company:** Anadarko Petroleum Corp.

**Rig:** Production

**Latitude:** 40.201

**Longitude:** -104.789

**API #** 05-123-21648

**Well:** Miller 4-28

**Location:** Weld County, CO.

**North Reference:** True North

**Depth Reference:** Ground Level

**Surveyor:** Norman Cowan

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	0.166	42.697	0.106	0.098	100.000	0.166	0.106	0.145	42.697
200.000	0.313	344.895	0.477	0.125	199.999	0.265	0.477	0.493	14.718
300.000	0.231	333.102	0.920	-0.037	299.998	0.099	0.920	0.921	357.687
400.000	0.309	304.627	1.253	-0.350	399.997	0.153	1.253	1.301	344.392
500.000	0.507	293.895	1.585	-0.976	499.994	0.212	1.585	1.861	328.373
600.000	0.559	287.742	1.913	-1.845	599.990	0.077	1.913	2.657	316.034
700.000	0.466	223.147	1.765	-2.587	699.987	0.553	1.765	3.132	304.300
800.000	0.360	213.644	1.207	-3.039	799.984	0.125	1.207	3.270	291.655
900.000	0.473	212.216	0.596	-3.433	899.981	0.113	0.596	3.485	279.845
1000.000	0.519	228.210	-0.055	-3.991	999.978	0.145	-0.055	3.991	269.209
1100.000	0.549	259.495	-0.444	-4.800	1099.974	0.290	-0.444	4.820	264.712
1200.000	0.258	269.085	-0.535	-5.496	1199.971	0.298	-0.535	5.522	264.438
1300.000	0.264	258.452	-0.585	-5.947	1299.970	0.049	-0.585	5.976	264.382
1400.000	0.333	279.847	-0.582	-6.460	1399.969	0.130	-0.582	6.486	264.855
1500.000	0.899	280.760	-0.385	-7.517	1499.963	0.567	-0.385	7.527	267.065
1600.000	1.086	282.415	-0.035	-9.214	1599.947	0.189	-0.035	9.214	269.782
1700.000	1.170	293.473	0.575	-11.075	1699.928	0.233	0.575	11.090	272.973
1800.000	1.338	288.063	1.344	-13.121	1799.904	0.206	1.344	13.190	275.847
1900.000	1.423	287.500	2.079	-15.415	1899.875	0.086	2.079	15.555	277.681
2000.000	1.106	299.218	2.923	-17.441	1999.851	0.407	2.923	17.685	279.515
2100.000	1.689	316.838	4.470	-19.292	2099.821	0.718	4.470	19.803	283.044
2200.000	1.573	320.380	6.602	-21.176	2199.781	0.154	6.602	22.181	287.317
2300.000	1.950	336.209	9.217	-22.738	2299.734	0.612	9.217	24.535	292.065
2400.000	2.116	319.308	12.174	-24.628	2399.672	0.620	12.174	27.473	296.303
2500.000	2.234	338.625	15.389	-26.542	2499.601	0.739	15.389	30.681	300.104
2600.000	2.052	322.429	18.623	-28.344	2599.532	0.630	18.623	33.915	303.306
2700.000	1.925	320.951	21.346	-30.494	2699.472	0.138	21.346	37.223	304.992
2800.000	2.038	321.255	24.037	-32.665	2799.412	0.114	24.037	40.556	306.348
2900.000	2.061	329.050	26.966	-34.702	2899.348	0.280	26.966	43.948	307.850
3000.000	1.858	326.732	29.864	-36.517	2999.290	0.218	29.864	47.173	309.277
3100.000	2.183	325.865	32.796	-38.475	3099.227	0.326	32.796	50.556	310.444
3200.000	2.341	333.416	36.199	-40.457	3199.150	0.337	36.199	54.287	311.820
3300.000	2.299	341.994	39.932	-41.991	3299.068	0.349	39.932	57.947	313.560
3400.000	2.491	335.688	43.820	-43.506	3398.981	0.326	43.820	61.749	315.206
3500.000	2.587	327.539	47.705	-45.612	3498.883	0.373	47.705	66.001	316.285
3600.000	2.674	328.393	51.596	-48.046	3598.777	0.096	51.596	70.502	317.040
3700.000	2.374	344.116	55.575	-49.835	3698.682	0.752	55.575	74.646	318.117
3800.000	2.636	333.165	59.619	-51.440	3798.586	0.545	59.619	78.743	319.212

3900.000	2.192	318.859	63.112	-53.737	3898.498	0.745	63.112	82.890	319.587
4000.000	1.746	316.483	65.657	-56.045	3998.439	0.453	65.657	86.324	319.516
4100.000	2.070	319.778	68.141	-58.260	4098.383	0.342	68.141	89.652	319.470
4200.000	1.887	306.295	70.495	-60.753	4198.324	0.499	70.495	93.062	319.245
4300.000	1.701	300.430	72.221	-63.360	4298.275	0.261	72.221	96.075	318.739
4400.000	1.699	287.565	73.420	-66.053	4398.232	0.381	73.420	98.760	318.024
4500.000	1.836	283.184	74.233	-69.026	4498.184	0.193	74.233	101.366	317.082
4600.000	1.757	273.396	74.689	-72.116	4598.135	0.316	74.689	103.823	316.004
4700.000	1.826	276.608	74.963	-75.229	4698.086	0.122	74.963	106.202	314.899
4800.000	1.577	290.752	75.634	-78.098	4798.043	0.486	75.634	108.719	314.082
4900.000	1.578	280.529	76.373	-80.738	4898.005	0.281	76.373	111.137	313.409
5000.000	1.041	292.008	76.965	-82.934	4997.979	0.595	76.965	113.145	312.862
5100.000	0.844	285.816	77.506	-84.485	5097.965	0.221	77.506	114.652	312.533
5200.000	0.598	262.402	77.638	-85.711	5197.957	0.379	77.638	115.646	312.171
5300.000	0.992	298.536	77.983	-86.988	5297.948	0.619	77.983	116.826	311.875
5400.000	0.702	258.506	78.274	-88.349	5397.938	0.641	78.274	118.036	311.540
5500.000	0.947	293.573	78.483	-89.707	5497.928	0.549	78.483	119.193	311.182
5600.000	1.064	276.489	78.918	-91.388	5597.913	0.320	78.918	120.747	310.812
5700.000	1.015	286.818	79.279	-93.158	5697.897	0.193	79.279	122.326	310.399
5800.000	0.476	251.757	79.406	-94.400	5797.888	0.682	79.406	123.355	310.069
5900.000	0.301	281.538	79.328	-95.052	5897.886	0.262	79.328	123.805	309.848
6000.000	0.189	223.773	79.261	-95.423	5997.885	0.256	79.261	124.048	309.714
6100.000	0.634	228.559	78.776	-95.952	6097.882	0.446	78.776	124.147	309.386
6200.000	0.392	218.192	78.141	-96.578	6197.878	0.258	78.141	124.231	308.976
6300.000	0.352	210.355	77.607	-96.945	6297.876	0.065	77.607	124.182	308.678
6400.000	0.498	177.920	76.907	-97.085	6397.873	0.276	76.907	123.856	308.385
6500.000	0.744	134.627	76.017	-96.607	6497.868	0.512	76.017	122.929	308.198
6600.000	0.965	133.460	74.982	-95.534	6597.857	0.221	74.982	121.445	308.127
6700.000	1.205	135.094	73.658	-94.180	6697.839	0.242	73.658	119.564	308.029
6800.000	1.388	125.955	72.203	-92.458	6797.813	0.275	72.203	117.310	307.987
6900.000	1.481	134.075	70.593	-90.550	6897.782	0.223	70.593	114.816	307.940
7000.000	1.364	129.025	68.944	-88.697	6997.751	0.171	68.944	112.341	307.858
7100.000	1.804	131.807	67.145	-86.598	7097.713	0.446	67.145	109.580	307.789
7200.000	1.637	100.132	65.845	-84.019	7197.670	0.953	65.845	106.746	308.085
7300.000	2.147	75.238	66.071	-80.802	7297.617	0.956	66.071	104.376	309.273