



Company: Anadarko Petroleum Corp.

Rig: Production / V.E.S.

Latitude: 40.215480

Longitude: -104.794510

API # 05-123-15496

Date: 2/10/14

Well: Soco 20-1K

Location: Weld County, Colorado

North Reference: True North

Depth Reference: Ground Level

Surveyor: Norman Cowan

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	0.289	53.667	0.150	0.203	100.000	0.289	0.150	0.252	53.667
200.000	0.252	104.451	0.244	0.619	199.999	0.234	0.244	0.666	68.475
300.000	0.258	36.709	0.370	0.967	299.998	0.284	0.370	1.035	69.061
400.000	0.256	65.268	0.644	1.304	399.997	0.127	0.644	1.454	63.728
500.000	0.190	38.010	0.868	1.609	499.996	0.123	0.868	1.828	61.654
600.000	0.357	23.419	1.285	1.835	599.995	0.179	1.285	2.240	55.000
700.000	0.596	330.954	2.025	1.706	699.992	0.472	2.025	2.648	40.116
800.000	0.762	299.079	2.803	0.873	799.985	0.406	2.803	2.935	17.299
900.000	0.682	298.288	3.408	-0.233	899.977	0.080	3.408	3.416	356.097
1000.000	1.058	297.025	4.110	-1.579	999.965	0.376	4.110	4.402	338.983
1100.000	1.278	302.065	5.121	-3.346	1099.945	0.243	5.121	6.117	326.839
1200.000	1.428	305.267	6.432	-5.308	1199.917	0.168	6.432	8.340	320.469
1300.000	1.642	309.759	8.068	-7.427	1299.881	0.245	8.068	10.966	317.369
1400.000	2.177	309.473	10.192	-9.995	1399.825	0.536	10.192	14.275	315.560
1500.000	2.341	309.528	12.699	-13.036	1499.747	0.163	12.699	18.199	314.250
1600.000	2.387	310.342	15.347	-16.199	1599.662	0.057	15.347	22.314	313.454
1700.000	2.206	314.049	18.033	-19.169	1699.582	0.234	18.033	26.318	313.251
1800.000	2.116	313.528	20.642	-21.891	1799.511	0.092	20.642	30.088	313.319
1900.000	2.150	315.846	23.259	-24.535	1899.441	0.093	23.259	33.808	313.471
2000.000	1.698	323.744	25.799	-26.718	1999.385	0.523	25.799	37.141	313.998
2100.000	1.583	327.644	28.161	-28.333	2099.344	0.160	28.161	39.948	314.825
2200.000	1.335	331.356	30.350	-29.631	2199.312	0.266	30.350	42.416	315.687
2300.000	1.663	330.387	32.634	-30.906	2299.277	0.330	32.634	44.946	316.557
2400.000	1.591	328.540	35.080	-32.348	2399.237	0.089	35.080	47.718	317.320
2500.000	1.827	339.139	37.754	-33.640	2499.193	0.393	37.754	50.567	318.298
2600.000	1.942	343.128	40.865	-34.700	2599.139	0.174	40.865	53.610	319.664
2700.000	2.057	354.774	44.273	-35.355	2699.078	0.422	44.273	56.657	321.390
2800.000	2.268	354.365	48.030	-35.713	2799.007	0.212	48.030	59.852	323.367
2900.000	2.297	2.553	52.002	-35.818	2898.928	0.327	52.002	63.143	325.442
3000.000	2.481	2.527	56.166	-35.633	2998.841	0.183	56.166	66.515	327.608
3100.000	2.482	5.289	60.483	-35.338	3098.747	0.120	60.483	70.050	329.704
3200.000	2.595	8.248	64.879	-34.814	3198.649	0.173	64.879	73.630	331.782
3300.000	2.484	8.754	69.262	-34.159	3298.551	0.113	69.262	77.227	333.748
3400.000	2.232	10.458	73.318	-33.476	3398.466	0.262	73.318	80.599	335.459
3500.000	1.612	9.295	76.621	-32.895	3498.409	0.621	76.621	83.384	336.765
3600.000	1.276	15.784	79.081	-32.365	3598.377	0.373	79.081	85.447	337.742
3700.000	0.658	352.988	80.722	-32.132	3698.363	0.717	80.722	86.882	338.294

3800.000	0.691	353.969	81.891	-32.266	3798.356	0.036	81.891	88.019	338.495
3900.000	0.810	325.250	83.072	-32.732	3898.348	0.389	83.072	89.288	338.495
4000.000	0.980	309.052	84.191	-33.798	3998.336	0.303	84.191	90.722	338.127
4100.000	1.147	292.785	85.117	-35.385	4098.319	0.343	85.117	92.180	337.426
4200.000	1.292	280.949	85.719	-37.415	4198.296	0.290	85.719	93.529	336.420
4300.000	1.470	260.271	85.717	-39.786	4298.268	0.525	85.717	94.500	335.101
4400.000	1.897	253.966	85.043	-42.641	4398.224	0.466	85.043	95.134	333.371
4500.000	1.845	270.523	84.600	-45.841	4498.172	0.541	84.600	96.222	331.549
4600.000	1.798	267.845	84.556	-49.018	4598.121	0.097	84.556	97.737	329.898
4700.000	1.861	276.743	84.687	-52.198	4698.071	0.291	84.687	99.482	328.352
4800.000	1.831	289.532	85.412	-55.316	4798.019	0.412	85.412	101.760	327.071
4900.000	1.527	301.830	86.649	-57.954	4897.976	0.470	86.649	104.244	326.224
5000.000	1.445	312.747	88.208	-60.013	4997.943	0.294	88.208	106.687	325.770
5100.000	1.112	302.300	89.582	-61.759	5097.918	0.406	89.582	108.808	325.417
5200.000	0.903	304.083	90.542	-63.232	5197.903	0.211	90.542	110.436	325.071
5300.000	0.585	306.027	91.284	-64.297	5297.894	0.319	91.284	111.656	324.841
5400.000	0.351	259.141	91.527	-65.011	5397.891	0.430	91.527	112.266	324.614
5500.000	0.404	279.374	91.527	-65.660	5497.889	0.143	91.527	112.643	324.345
5600.000	0.276	211.597	91.379	-66.134	5597.887	0.394	91.379	112.800	324.106
5700.000	0.522	177.055	90.719	-66.236	5697.885	0.334	90.719	112.327	323.866
5800.000	1.001	149.259	89.514	-65.767	5797.876	0.591	89.514	111.077	323.695
5900.000	1.369	148.287	87.747	-64.693	5897.855	0.369	87.747	109.017	323.600
6000.000	2.277	135.224	85.321	-62.666	5997.803	0.993	85.321	105.862	323.704
6100.000	2.382	135.929	82.418	-59.821	6097.721	0.109	82.418	101.839	324.027
6200.000	1.550	131.342	80.031	-57.360	6197.661	0.846	80.031	98.464	324.370
6300.000	1.405	152.071	78.055	-55.770	6297.628	0.550	78.055	95.932	324.454
6400.000	1.577	187.617	75.607	-55.379	6397.597	0.925	75.607	93.719	323.779
6500.000	1.501	203.246	73.039	-56.078	6497.561	0.425	73.039	92.084	322.484
6600.000	1.579	224.025	70.845	-57.552	6597.526	0.561	70.845	91.276	320.911
6700.000	1.551	235.272	69.084	-59.622	6697.489	0.308	69.084	91.254	319.205
6800.000	1.838	250.881	67.788	-62.249	6797.445	0.541	67.788	92.033	317.439
6900.000	2.106	256.331	66.829	-65.549	6897.386	0.327	66.829	93.610	315.554
7000.000	2.348	260.448	66.054	-69.355	6997.311	0.291	66.054	95.777	313.604
7100.000	2.339	265.503	65.554	-73.410	7097.227	0.207	65.554	98.419	311.765
7200.000	1.529	261.755	65.203	-76.764	7197.169	0.820	65.203	100.718	310.344
7275.000	1.532	247.297	64.673	-78.679	7272.143	0.513	64.673	101.848	309.420