



Company: Anadarko Petroleum Corp.

Rig: Production / Lightning

Latitude: 40.076

Longitude: -104.795

API # 05-123-15469

Well: Holton Thomas Unit #1

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	0.870	165.337	-0.734	0.192	99.996	0.870	-0.734	0.759	165.337
200.000	0.588	174.088	-1.979	0.437	199.988	0.303	-1.979	2.027	167.543
300.000	0.497	188.172	-2.918	0.428	299.984	0.161	-2.918	2.950	171.650
400.000	0.392	204.472	-3.659	0.225	399.981	0.163	-3.659	3.666	176.484
500.000	0.247	203.284	-4.169	-0.002	499.979	0.146	-4.169	4.169	180.028
600.000	0.162	262.959	-4.384	-0.227	599.978	0.216	-4.384	4.389	182.970
700.000	0.249	244.227	-4.495	-0.564	699.978	0.109	-4.495	4.531	187.145
800.000	0.245	261.763	-4.621	-0.971	799.977	0.075	-4.621	4.722	191.872
900.000	0.333	308.430	-4.471	-1.411	899.976	0.243	-4.471	4.688	197.511
1000.000	0.424	320.468	-4.005	-1.873	999.974	0.120	-4.005	4.422	205.066
1100.000	0.452	333.385	-3.368	-2.285	1099.971	0.102	-3.368	4.070	214.158
1200.000	0.382	328.930	-2.730	-2.634	1199.968	0.077	-2.730	3.793	223.976
1300.000	0.509	338.940	-2.030	-2.966	1299.965	0.148	-2.030	3.594	235.614
1400.000	0.940	0.343	-0.795	-3.120	1399.957	0.502	-0.795	3.220	255.714
1500.000	1.396	11.740	1.219	-2.868	1499.936	0.510	1.219	3.116	293.028
1600.000	1.740	22.703	3.813	-2.034	1599.899	0.455	3.813	4.321	331.925
1700.000	2.058	31.568	6.743	-0.508	1699.844	0.432	6.743	6.762	355.693
1800.000	2.283	39.668	9.806	1.704	1799.772	0.380	9.806	9.953	9.856
1900.000	2.551	48.816	12.805	4.650	1899.684	0.469	12.805	13.623	19.959
2000.000	2.558	47.251	15.785	7.963	1999.584	0.070	15.785	17.680	26.771
2100.000	2.612	53.897	18.642	11.443	2099.483	0.305	18.642	21.874	31.543
2200.000	2.332	54.241	21.174	14.935	2199.389	0.281	21.174	25.911	35.198
2300.000	2.347	53.089	23.592	18.223	2299.306	0.049	23.592	29.811	37.683
2400.000	2.211	57.395	25.861	21.486	2399.227	0.218	25.861	33.622	39.720
2500.000	2.187	58.565	27.896	24.739	2499.153	0.051	27.896	37.286	41.567
2600.000	1.992	67.342	29.561	27.971	2599.087	0.374	29.561	40.697	43.417
2700.000	1.733	78.485	30.532	31.057	2699.035	0.444	30.532	43.552	45.488
2800.000	1.202	90.056	30.833	33.587	2799.002	0.605	30.833	45.594	47.448
2900.000	0.724	99.917	30.723	35.259	2898.987	0.505	30.723	46.766	48.932
3000.000	0.521	91.072	30.606	36.335	2998.981	0.224	30.606	47.507	49.891
3100.000	0.430	78.321	30.674	37.157	3098.978	0.139	30.674	48.182	50.460
3200.000	0.128	65.418	30.796	37.626	3198.977	0.306	30.796	48.623	50.700
3300.000	0.148	250.335	30.800	37.607	3298.977	0.276	30.800	48.610	50.683
3400.000	0.196	260.834	30.729	37.317	3398.976	0.057	30.729	48.341	50.530
3500.000	0.248	271.860	30.709	36.932	3498.975	0.068	30.709	48.031	50.256
3600.000	0.187	263.652	30.698	36.553	3598.975	0.069	30.698	47.733	49.976
3700.000	0.320	280.979	30.733	36.117	3698.974	0.152	30.733	47.423	49.605
3800.000	0.637	319.333	31.208	35.481	3798.970	0.434	31.208	47.252	48.666

3900.000	0.929	334.143	32.359	34.765	3898.961	0.353	32.359	47.494	47.053
4000.000	1.252	350.286	34.164	34.227	3998.943	0.443	34.164	48.360	45.053
4100.000	1.600	2.361	36.636	34.100	4098.912	0.458	36.636	50.050	42.947
4200.000	2.007	9.280	39.760	34.440	4198.862	0.461	39.760	52.602	40.900
4300.000	2.162	17.712	43.285	35.297	4298.796	0.343	43.285	55.852	39.196
4400.000	1.804	16.192	46.593	36.309	4398.736	0.362	46.593	59.070	37.929
4500.000	1.379	16.361	49.259	37.087	4498.698	0.425	49.259	61.660	36.976
4600.000	1.083	355.694	51.356	37.355	4598.675	0.529	51.356	63.505	36.031
4700.000	0.895	337.773	53.021	36.989	4698.660	0.360	53.021	64.648	34.900
4800.000	1.035	337.336	54.578	36.345	4798.646	0.140	54.578	65.572	33.661
4900.000	0.873	347.604	56.156	35.833	4898.632	0.235	56.156	66.615	32.542
5000.000	0.712	2.339	57.521	35.695	4998.623	0.258	57.521	67.696	31.822
5100.000	0.517	5.175	58.591	35.761	5098.617	0.198	58.591	68.642	31.398
5200.000	0.547	6.025	59.514	35.852	5198.612	0.031	59.514	69.479	31.065
5300.000	0.481	13.682	60.396	36.001	5298.608	0.095	60.396	70.312	30.799
5400.000	0.422	10.146	61.166	36.165	5398.605	0.065	61.166	71.058	30.594
5500.000	0.393	18.239	61.854	36.338	5498.603	0.064	61.854	71.738	30.433
5600.000	0.362	23.206	62.470	36.569	5598.601	0.045	62.470	72.386	30.344
5700.000	0.389	27.275	63.062	36.849	5698.599	0.038	63.062	73.039	30.299
5800.000	0.335	7.890	63.653	37.045	5798.597	0.133	63.653	73.648	30.199
5900.000	0.265	22.675	64.156	37.174	5898.595	0.104	64.156	74.148	30.090
6000.000	0.238	331.207	64.550	37.163	5998.594	0.219	64.550	74.484	29.930
6100.000	0.457	302.740	64.948	36.728	6098.593	0.273	64.948	74.614	29.488
6200.000	0.538	305.364	65.436	36.009	6198.589	0.084	65.436	74.689	28.824
6300.000	0.402	317.318	65.965	35.388	6298.585	0.167	65.965	74.858	28.212
6400.000	0.430	335.447	66.565	34.994	6398.583	0.134	66.565	75.203	27.732
6500.000	0.579	312.512	67.248	34.466	6498.579	0.248	67.248	75.566	27.136
6600.000	0.680	316.446	68.020	33.684	6598.573	0.109	68.020	75.903	26.345
6700.000	0.794	317.358	68.960	32.806	6698.565	0.115	68.960	76.365	25.442
6800.000	0.959	318.661	70.098	31.784	6798.553	0.166	70.098	76.967	24.391
6900.000	1.227	308.901	71.398	30.398	6898.535	0.325	71.398	77.600	23.062
7000.000	1.443	311.635	72.906	28.624	6998.508	0.225	72.906	78.324	21.436
7100.000	1.656	308.548	74.643	26.554	7098.471	0.229	74.643	79.226	19.582
7200.000	1.679	313.172	76.546	24.355	7198.429	0.136	76.546	80.327	17.650
7300.000	1.537	303.954	78.297	22.175	7298.389	0.294	78.297	81.376	15.813
7400.000	2.363	308.812	80.338	19.455	7398.331	0.841	80.338	82.661	13.613
7500.000	2.950	300.129	82.922	15.623	7498.223	0.710	82.922	84.381	10.670
7600.000	1.900	299.238	85.024	11.951	7598.132	1.050	85.024	85.860	8.001
7700.000	1.297	296.050	86.331	9.487	7698.093	0.609	86.331	86.851	6.271
7800.000	1.307	310.958	87.575	7.609	7798.067	0.338	87.575	87.905	4.966