



Company: Anadarko Petroleum Co.
Rig: Production/Cable
Latitude: 40.2072
Longitude: -104.957
API # 05-123-07938

Well: Barnes Frank A Unit#1
Location: Weld County, Co
North Reference: True North
Depth Reference: Ground Level
Surveyor: Robert Hooper

Depth	Inc	AzG	N/-S	E/-W	TVD	DL	VS	CD	Cbrg
	0	0	0	0	0	****	0	0	0
100	0.491	313.368	0.294	-0.312	99.999	0.491	0.294	0.429	313.368
200	0.299	359.705	0.85	-0.624	199.997	0.357	0.85	1.054	323.69
300	0.817	321.681	1.67	-1.068	299.992	0.61	1.67	1.982	327.409
400	0.859	327.056	2.858	-1.917	399.981	0.089	2.858	3.442	326.147
500	0.433	323.774	3.792	-2.548	499.975	0.427	3.792	4.568	326.1
600	0.418	302.181	4.291	-3.08	599.972	0.16	4.291	5.282	324.331
700	0.571	324.69	4.891	-3.676	699.968	0.245	4.891	6.119	323.073
800	0.369	313.23	5.519	-4.199	799.965	0.221	5.519	6.935	322.734
900	0.597	325.97	6.171	-4.725	899.961	0.25	6.171	7.773	322.558
1000	0.366	310.659	6.811	-5.259	999.958	0.263	6.811	8.605	322.327
1100	0.622	325.325	7.465	-5.81	1099.954	0.284	7.465	9.46	322.108
1200	0.803	278.259	8.012	-6.812	1199.947	0.593	8.012	10.517	319.627
1300	0.696	326.497	8.619	-7.841	1299.939	0.62	8.619	11.652	317.706
1400	0.612	326.804	9.573	-8.469	1399.933	0.083	9.573	12.781	318.501
1500	0.565	277.767	10.086	-9.25	1499.928	0.49	10.086	13.686	317.478
1600	0.695	272.083	10.175	-10.344	1599.922	0.144	10.175	14.51	314.529
1700	0.458	280.056	10.267	-11.343	1699.917	0.249	10.267	15.299	312.149
1800	0.751	271.254	10.351	-12.392	1799.911	0.307	10.351	16.146	309.873
1900	0.783	273.441	10.406	-13.729	1899.902	0.043	10.406	17.227	307.162
2000	1.151	300.606	10.959	-15.275	1999.888	0.578	10.959	18.8	305.656
2100	0.833	285.276	11.662	-16.841	2099.873	0.411	11.662	20.485	304.7
2200	0.755	305.456	12.235	-18.08	2199.864	0.289	12.235	21.831	304.088
2300	1.17	303.534	13.182	-19.467	2299.85	0.416	13.182	23.51	304.103
2400	1.088	319.241	14.465	-20.938	2399.831	0.319	14.465	25.448	304.638
2500	1.111	301.064	15.684	-22.388	2499.812	0.348	15.684	27.335	305.013
2600	1.118	298.739	16.653	-24.075	2599.793	0.046	16.653	29.273	304.673
2700	1.153	300.416	17.632	-25.798	2699.774	0.048	17.632	31.248	304.351
2800	0.704	321.809	18.624	-27.046	2799.761	0.56	18.624	32.838	304.552
2900	0.805	329.17	19.71	-27.785	2899.752	0.14	19.71	34.066	305.351
3000	0.402	323.723	20.596	-28.353	2999.746	0.407	20.596	35.044	305.995
3100	0.192	273.749	20.889	-28.727	3099.745	0.315	20.889	35.519	306.023
3200	0.632	266.714	20.869	-29.444	3199.742	0.442	20.869	36.09	305.327
3300	0.474	335.415	21.213	-30.167	3299.739	0.637	21.213	36.879	305.114
3400	0.358	341.32	21.885	-30.439	3399.736	0.124	21.885	37.49	305.715
3500	0.306	217.628	21.97	-30.702	3499.735	0.586	21.97	37.753	305.587
3600	0.188	226.579	21.646	-30.984	3599.734	0.124	21.646	37.796	304.938
3700	0.373	103.601	21.456	-30.786	3699.733	0.501	21.456	37.526	304.874
3800	0.155	156.329	21.256	-30.415	3799.732	0.306	21.256	37.107	304.948

3900	0.252	332.675	21.328	-30.462	3899.732	0.406	21.328	37.186	304.997
4000	0.331	347.664	21.805	-30.625	3999.731	0.109	21.805	37.594	305.451
4100	0.32	353.896	22.364	-30.716	4099.729	0.037	22.364	37.995	306.058
4200	0.235	250.365	22.573	-30.939	4199.729	0.439	22.573	38.298	306.115
4300	0.757	295.427	22.787	-31.728	4299.725	0.614	22.787	39.063	305.686
4400	0.436	340.026	23.428	-32.454	4399.72	0.541	23.428	40.027	305.825
4500	0.207	69.048	23.85	-32.415	4499.719	0.479	23.85	40.244	306.345
4600	0.322	62.854	24.043	-31.996	4599.717	0.118	24.043	40.023	306.923
4700	0.198	324.966	24.313	-31.845	4699.717	0.401	24.313	40.065	307.361
4800	0.252	236.935	24.334	-32.128	4799.716	0.315	24.334	40.304	307.141
4900	0.441	138.406	23.926	-32.057	4899.715	0.54	23.926	40.001	306.736
5000	0.562	173.422	23.151	-31.745	4999.711	0.323	23.151	39.29	306.102
5100	0.559	164.704	22.193	-31.561	5099.707	0.085	22.193	38.582	305.115
5200	0.522	215.36	21.351	-31.696	5199.703	0.464	21.351	38.216	303.965
5300	0.087	277.08	20.988	-32.035	5299.701	0.487	20.988	38.298	303.232
5400	0.308	265.21	20.975	-32.378	5399.7	0.224	20.975	38.578	302.936
5500	0.657	120.553	20.661	-32.152	5499.699	0.925	20.661	38.218	302.725
5600	0.629	200.691	19.856	-31.852	5599.694	0.828	19.856	37.534	301.939
5700	0.732	191.232	18.716	-32.17	5699.687	0.152	18.716	37.219	300.19
5800	0.605	282.723	18.206	-32.81	5799.683	0.962	18.206	37.523	299.025
5900	0.797	272.907	18.357	-34.02	5899.675	0.226	18.357	38.657	298.352
6000	0.503	301.805	18.624	-35.087	5999.669	0.431	18.624	39.724	297.959
6100	0.683	275.773	18.915	-36.053	6099.664	0.32	18.915	40.714	297.684
6200	0.586	315.123	19.337	-37.007	6199.658	0.437	19.337	41.755	297.589
6300	0.418	220.102	19.421	-37.602	6299.655	0.748	19.421	42.321	297.315
6400	0.485	213.269	18.788	-38.069	6399.652	0.086	18.788	42.453	296.268
6500	0.693	242.288	18.153	-38.837	6499.647	0.357	18.153	42.87	295.053
6600	0.668	201.862	17.331	-39.589	6599.641	0.471	17.331	43.217	293.642
6700	0.81	233.162	16.365	-40.372	6699.633	0.421	16.365	43.563	292.066
6800	0.894	218.996	15.335	-41.429	6799.622	0.226	15.335	44.176	290.312
6900	0.526	159.673	14.298	-41.761	6899.615	0.772	14.298	44.141	288.9
7000	0.265	47.604	14.024	-41.431	6999.614	0.672	14.024	43.74	288.7
7100	0.163	117.242	14.115	-41.133	7099.613	0.259	14.115	43.488	288.939
7200	0.459	146.866	13.714	-40.788	7199.611	0.327	13.714	43.032	288.584
7300	0.466	133.954	13.097	-40.277	7299.608	0.104	13.097	42.353	288.013
7400	0.663	102.673	12.688	-39.419	7399.604	0.359	12.688	41.411	287.842
7500	0.296	329.471	12.784	-38.986	7499.602	0.893	12.784	41.028	288.155
7600	0.268	123.877	12.876	-38.923	7599.601	0.55	12.876	40.997	288.304