



Company: Anadarko Petroleum Corp.

Rig: Production/ Cable Inc.

Latitude: 40.207

Longitude: -104.785

API # 05-123-07310

Date: 2/16/12

Well: Gaumer Esther F #1

Location: Weld County

North Reference: True North

Depth Reference: RKB = Ground Level

Surveyor: Jason Kinchelow

VS:

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	0.332	119.614	-0.143	0.252	99.999	0.332	-0.143	0.290	119.614
200.000	0.468	87.305	-0.267	0.911	199.997	0.258	-0.267	0.950	106.339
300.000	0.324	21.672	0.015	1.423	299.995	0.445	0.015	1.423	89.416
400.000	0.619	47.546	0.642	1.926	399.992	0.357	0.642	2.030	71.573
500.000	0.770	30.088	1.588	2.662	499.984	0.258	1.588	3.099	59.181
600.000	0.692	0.186	2.773	3.000	599.977	0.385	2.773	4.086	47.251
700.000	0.908	338.967	4.117	2.718	699.967	0.363	4.117	4.933	33.432
800.000	0.640	353.678	5.412	2.372	799.958	0.332	5.412	5.909	23.670
900.000	0.530	58.144	6.211	2.704	899.954	0.631	6.211	6.774	23.524
1000.000	0.646	48.754	6.827	3.521	999.948	0.150	6.827	7.681	27.281
1100.000	0.494	356.110	7.629	3.915	1099.944	0.524	7.629	8.575	27.169
1200.000	0.625	43.684	8.453	4.263	1199.940	0.467	8.453	9.467	26.760
1300.000	0.458	25.107	9.210	4.809	1299.935	0.240	9.210	10.389	27.572
1400.000	0.774	48.812	10.016	5.487	1399.930	0.399	10.016	11.420	28.713
1500.000	0.440	43.181	10.741	6.257	1499.924	0.339	10.741	12.431	30.225
1600.000	0.618	12.384	11.547	6.636	1599.920	0.329	11.547	13.318	29.885
1700.000	0.577	7.158	12.573	6.814	1699.914	0.068	12.573	14.301	28.455
1800.000	0.385	55.219	13.265	7.153	1799.911	0.430	13.265	15.071	28.335
1900.000	0.049	12.910	13.499	7.439	1899.910	0.351	13.499	15.413	28.859
2000.000	0.166	299.071	13.611	7.322	1999.910	0.159	13.611	15.455	28.280
2100.000	0.170	223.065	13.573	7.095	2099.910	0.206	13.573	15.315	27.597
2200.000	0.265	212.064	13.268	6.871	2199.909	0.104	13.268	14.942	27.377
2300.000	0.625	193.703	12.542	6.619	2299.906	0.383	12.542	14.181	27.822
2400.000	0.248	236.532	11.893	6.309	2399.903	0.474	11.893	13.463	27.946
2500.000	0.371	331.786	12.059	5.976	2499.902	0.464	12.059	13.458	26.362
2600.000	0.229	16.138	12.536	5.879	2599.901	0.262	12.536	13.846	25.124
2700.000	0.594	124.564	12.435	6.361	2699.899	0.701	12.435	13.967	27.093
2800.000	0.555	79.458	12.229	7.264	2799.895	0.442	12.229	14.224	30.709
2900.000	0.590	35.985	12.735	8.042	2899.890	0.425	12.735	15.061	32.273
3000.000	0.329	203.588	12.888	8.230	2999.889	0.915	12.888	15.292	32.561
3100.000	0.394	215.113	12.344	7.917	3099.887	0.097	12.344	14.665	32.676
3200.000	0.394	66.293	12.201	8.034	3199.886	0.759	12.201	14.609	33.365
3300.000	0.578	38.727	12.733	8.665	3299.882	0.293	12.733	15.401	34.235
3400.000	0.117	223.213	13.052	8.910	3399.881	0.695	13.052	15.803	34.321
3500.000	0.564	81.592	13.049	9.327	3499.879	0.660	13.049	16.040	35.557
3600.000	0.067	343.760	13.177	9.798	3599.878	0.577	13.177	16.421	36.633
3700.000	0.219	100.314	13.199	9.970	3699.878	0.256	13.199	16.541	37.064

3800.000	0.499	82.162	13.225	10.589	3799.876	0.299	13.225	16.941	38.684
3900.000	0.491	110.790	13.132	11.421	3899.872	0.245	13.132	17.403	41.013
4000.000	0.131	127.090	12.911	11.912	3999.870	0.367	12.911	17.567	42.697
4100.000	0.511	53.127	13.109	12.360	4099.869	0.491	13.109	18.018	43.316
4200.000	0.768	89.840	13.379	13.388	4199.863	0.471	13.379	18.927	45.019
4300.000	0.518	356.653	13.832	14.031	4299.859	0.950	13.832	19.703	45.409
4400.000	0.722	95.836	14.220	14.632	4399.855	0.954	14.220	20.404	45.818
4500.000	0.607	7.150	14.682	15.325	4499.850	0.933	14.682	21.223	46.228
4600.000	0.920	307.766	15.699	14.756	4599.843	0.804	15.699	21.546	43.227
4700.000	1.037	291.411	16.521	13.279	4699.828	0.301	16.521	21.197	38.792
4800.000	0.672	336.755	17.390	12.206	4799.818	0.740	17.390	21.246	35.064
4900.000	1.182	280.626	18.120	10.960	4899.806	0.982	18.120	21.176	31.169
5000.000	0.933	311.855	18.853	9.340	4999.790	0.618	18.853	21.040	26.355
5100.000	0.812	249.782	19.151	8.069	5099.781	0.905	19.151	20.781	22.847
5200.000	0.953	314.151	19.485	6.807	5199.771	0.948	19.485	20.640	19.257
5300.000	0.958	316.426	20.670	5.635	5299.757	0.038	20.670	21.424	15.249
5400.000	0.067	305.745	21.309	5.011	5399.752	0.892	21.309	21.891	13.233
5500.000	0.921	14.224	22.123	5.161	5499.748	0.899	22.123	22.717	13.132
5600.000	0.258	316.224	23.065	5.203	5599.742	0.815	23.065	23.644	12.713
5700.000	0.565	57.309	23.493	5.463	5699.740	0.665	23.493	24.120	13.090
5800.000	0.140	299.598	23.820	5.772	5799.739	0.642	23.820	24.509	13.620
5900.000	0.260	280.964	23.923	5.443	5899.738	0.135	23.923	24.535	12.817
6000.000	0.552	356.407	24.447	5.190	5999.736	0.548	24.447	24.992	11.985
6100.000	0.644	298.541	25.196	4.666	6099.732	0.584	25.196	25.625	10.491
6200.000	0.699	24.108	26.022	4.421	6199.727	0.913	26.022	26.394	9.642
6300.000	1.283	306.402	27.243	3.768	6299.715	1.324	27.243	27.502	7.875
6400.000	1.470	309.557	28.725	1.878	6399.686	0.202	28.725	28.786	3.740
6500.000	1.845	313.070	30.641	-0.288	6499.644	0.388	30.641	30.642	359.462
6600.000	1.004	242.769	31.340	-2.243	6599.619	1.779	31.340	31.420	355.906
6700.000	1.659	248.302	30.404	-4.367	6699.591	0.666	30.404	30.716	351.826
6800.000	1.693	255.590	29.501	-7.142	6799.548	0.216	29.501	30.353	346.391
6850.000	1.094	325.485	29.711	-8.128	6849.537	3.340	29.711	30.802	344.700