



Company: Encana Oil & Gas

Rig: Production / Lightning Wire

Latitude: 40.111

Longitude: -105.011

API # 05-123-22668

Date: 2/18/13

Well: Rasmussen 22-28

Location: Weld County, CO.

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	0.551	207.883	-0.425	-0.225	99.998	0.551	-0.425	0.481	207.883
200.000	0.251	224.528	-1.006	-0.603	199.996	0.319	-1.006	1.173	210.949
300.000	0.221	227.197	-1.293	-0.898	299.995	0.032	-1.293	1.574	214.787
400.000	0.245	234.753	-1.547	-1.214	399.994	0.039	-1.547	1.967	218.124
500.000	0.251	255.695	-1.725	-1.601	499.993	0.090	-1.725	2.354	222.872
600.000	0.285	266.113	-1.796	-2.062	599.992	0.059	-1.796	2.734	228.940
700.000	0.298	262.943	-1.845	-2.568	699.991	0.021	-1.845	3.162	234.304
800.000	0.246	300.021	-1.769	-3.012	799.990	0.180	-1.769	3.493	239.568
900.000	0.319	292.374	-1.556	-3.456	899.989	0.082	-1.556	3.790	245.763
1000.000	0.335	313.106	-1.250	-3.927	999.987	0.119	-1.250	4.121	252.345
1100.000	0.355	308.520	-0.857	-4.382	1099.985	0.034	-0.857	4.465	258.931
1200.000	0.345	287.894	-0.572	-4.910	1199.983	0.126	-0.572	4.944	263.353
1300.000	0.616	278.821	-0.397	-5.728	1299.980	0.281	-0.397	5.741	266.031
1400.000	0.641	285.742	-0.163	-6.797	1399.974	0.080	-0.163	6.799	268.624
1500.000	1.027	286.074	0.237	-8.197	1499.963	0.386	0.237	8.200	271.654
1600.000	1.005	293.281	0.831	-9.864	1599.947	0.130	0.831	9.899	274.818
1700.000	0.881	305.929	1.629	-11.291	1699.934	0.241	1.629	11.408	278.209
1800.000	1.001	302.081	2.544	-12.654	1799.920	0.136	2.544	12.907	281.367
1900.000	0.789	308.912	3.440	-13.930	1899.908	0.237	3.440	14.348	283.873
2000.000	0.936	302.224	4.308	-15.156	1999.897	0.178	4.308	15.757	285.868
2100.000	0.663	328.420	5.237	-16.150	2099.887	0.449	5.237	16.978	287.966
2200.000	0.589	330.844	6.179	-16.704	2199.881	0.079	6.179	17.810	290.300
2300.000	0.686	325.340	7.120	-17.295	2299.875	0.115	7.120	18.703	292.376
2400.000	0.780	306.264	8.015	-18.184	2399.867	0.260	8.015	19.872	293.786
2500.000	1.068	285.037	8.659	-19.632	2499.854	0.443	8.659	21.457	293.800
2600.000	1.276	278.175	9.059	-21.635	2599.833	0.250	9.059	23.455	292.720
2700.000	1.462	275.633	9.343	-24.006	2699.805	0.196	9.343	25.760	291.265
2800.000	1.376	272.189	9.514	-26.476	2799.774	0.121	9.514	28.133	289.765
2900.000	1.489	275.194	9.677	-28.970	2899.743	0.136	9.677	30.544	288.472
3000.000	1.477	268.790	9.768	-31.552	2999.709	0.166	9.768	33.030	287.201
3100.000	1.538	279.323	9.958	-34.165	3099.675	0.283	9.958	35.587	286.250
3200.000	1.421	291.024	10.620	-36.647	3199.642	0.323	10.620	38.155	286.161
3300.000	1.519	278.957	11.272	-39.114	3299.609	0.324	11.272	40.706	286.076
3400.000	1.601	271.796	11.522	-41.819	3399.572	0.211	11.522	43.377	285.404
3500.000	1.700	261.557	11.348	-44.682	3499.531	0.311	11.348	46.101	284.250
3600.000	1.533	273.633	11.215	-47.484	3599.491	0.378	11.215	48.790	283.289
3700.000	1.709	274.131	11.407	-50.307	3699.451	0.177	11.407	51.584	282.776

3800.000	1.320	278.004	11.675	-52.935	3799.416	0.402	11.675	54.207	282.438
3900.000	1.222	276.687	11.959	-55.134	3899.392	0.102	11.959	56.416	282.239
4000.000	1.251	279.594	12.265	-57.270	3999.368	0.069	12.265	58.568	282.088
4100.000	1.504	278.274	12.636	-59.644	4099.339	0.255	12.636	60.968	281.962
4200.000	1.257	278.634	12.990	-62.027	4199.310	0.247	12.990	63.373	281.828
4300.000	1.004	279.430	13.298	-63.975	4299.291	0.254	13.298	65.343	281.742
4400.000	0.988	274.949	13.516	-65.698	4399.276	0.079	13.516	67.074	281.625
4500.000	1.161	271.556	13.617	-67.569	4499.258	0.184	13.617	68.927	281.394
4600.000	1.126	280.673	13.827	-69.547	4599.238	0.185	13.827	70.908	281.245
4700.000	1.179	278.861	14.167	-71.529	4699.218	0.064	14.167	72.918	281.203
4800.000	1.142	272.202	14.364	-73.541	4799.198	0.140	14.364	74.930	281.052
4900.000	0.972	284.968	14.621	-75.356	4899.181	0.290	14.621	76.761	280.981
5000.000	1.042	286.312	15.096	-77.048	4999.165	0.074	15.096	78.513	281.085
5100.000	1.036	288.043	15.631	-78.780	5099.149	0.032	15.631	80.316	281.223
5200.000	0.900	286.744	16.137	-80.392	5199.135	0.138	16.137	81.995	281.350
5300.000	1.108	290.265	16.699	-82.051	5299.119	0.217	16.699	83.733	281.503
5400.000	0.776	279.751	17.148	-83.625	5399.106	0.373	17.148	85.365	281.588
5500.000	0.853	283.418	17.435	-85.016	5499.095	0.093	17.435	86.785	281.590
5600.000	1.010	267.238	17.566	-86.620	5599.082	0.305	17.566	88.383	281.464
5700.000	0.849	276.894	17.612	-88.236	5699.069	0.224	17.612	89.977	281.288
5800.000	1.113	269.909	17.700	-89.943	5799.055	0.289	17.700	91.668	281.133
5900.000	1.139	264.236	17.598	-91.903	5899.035	0.114	17.598	93.573	280.840
6000.000	0.710	270.771	17.507	-93.512	5999.022	0.440	17.507	95.136	280.604
6100.000	0.636	276.811	17.581	-94.683	6099.015	0.103	17.581	96.301	280.519
6200.000	0.649	273.257	17.679	-95.799	6199.009	0.042	17.679	97.417	280.456
6300.000	0.735	256.630	17.563	-96.989	6299.002	0.218	17.563	98.566	280.264
6400.000	0.623	253.494	17.260	-98.135	6398.995	0.118	17.260	99.641	279.975
6500.000	0.649	230.624	16.746	-99.094	6498.989	0.253	16.746	100.499	279.592
6600.000	0.935	236.192	15.933	-100.209	6598.979	0.296	15.933	101.468	279.034
6700.000	0.970	229.658	14.931	-101.532	6698.965	0.114	14.931	102.624	278.366
6800.000	1.439	214.686	13.351	-102.892	6798.943	0.561	13.351	103.754	277.393
6900.000	2.221	215.581	10.742	-104.734	6898.891	0.782	10.742	105.284	275.856
7000.000	2.415	233.484	7.912	-107.555	6998.811	0.746	7.912	107.846	274.207
7100.000	2.009	253.933	6.173	-110.933	7098.738	0.881	6.173	111.105	273.185
7200.000	2.306	260.735	5.364	-114.603	7198.667	0.391	5.364	114.729	272.680
7300.000	2.420	252.146	4.393	-118.599	7298.582	0.372	4.393	118.680	272.121
7400.000	1.811	251.935	3.256	-122.110	7398.513	0.610	3.256	122.154	271.527
7500.000	0.842	244.984	2.455	-124.278	7498.485	0.980	2.455	124.302	271.132
7600.000	0.515	286.904	2.275	-125.374	7598.479	0.573	2.275	125.395	271.040
7700.000	0.216	336.614	2.579	-125.880	7698.477	0.410	2.579	125.906	271.174
7800.000	0.310	60.684	2.885	-125.718	7798.476	0.360	2.885	125.751	271.315
7900.000	0.417	20.037	3.360	-125.357	7898.474	0.272	3.360	125.402	271.535
7950.000	0.507	22.141	3.735	-125.212	7948.473	0.183	3.735	125.267	271.709