



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

30-043-21137

Analysis No: EC150264
Cust No: 25150-11225

Well/Lease Information

Customer Name: ENCANA OIL & GAS
Well Name: LYBROOK A01-2206 #01H
County/State: SANDOVAL
Location: A01-22N-06W
Field:
Formation:
Cust. Stn. No.: 13177984
LOE #74224
CC# 8270.728

Source: METER RUN
Pressure: 500 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/07/2015
Sampled By: SEAN CASAUS
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	11.340	1.2510	0.00	0.1097
CO2	0.385	0.0660	0.00	0.0059
Methane	68.771	11.6940	694.59	0.3809
Ethane	9.043	2.4260	160.03	0.0939
Propane	6.579	1.8180	165.53	0.1002
Iso-Butane	0.865	0.2840	28.13	0.0174
N-Butane	2.192	0.6930	71.51	0.0440
I-Pentane	0.369	0.1350	14.76	0.0092
N-Pentane	0.312	0.1130	12.51	0.0078
Hexane Plus	0.144	0.0640	7.59	0.0048
Total	100.000	18.5440	1154.65	0.7736

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1161.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1141.0
REAL SPECIFIC GRAVITY: 0.7758

GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.

DRY BTU @ 14.650: 1154.9
DRY BTU @ 14.696: 1158.5
DRY BTU @ 14.730: 1161.2
DRY BTU @ 15.025: 1184.5

CYLINDER #: 4075
CYLINDER PRESSURE: 434 PSIG
DATE RUN: 5/13/15 2:22 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



ENCANA OIL & GAS
WELL ANALYSIS COMPARISON

Lease: LYBROOK A01-2206 #01H
Stn. No.: 13177984
Mtr. No.: LOE #74224

METER RUN

05/13/2015
25150-11225

Smpl Date:	05/07/2015	04/10/2015	04/01/2015	03/31/2015	03/27/2015	03/04/2015	02/04/2015
Test Date:	05/13/2015	04/10/2015	04/08/2015	03/31/2015	03/27/2015	03/16/2015	02/06/2015
Run No:	EC150264	EC150250	EC150208	EC150179	EC150175	EC150117	EC150034
Nitrogen:	11.340	18.660	25.651	27.633	36.251	4.013	4.262
CO2:	0.385	0.206	0.297	0.305	0.252	0.368	0.368
Methane:	68.771	39.266	55.436	56.615	50.083	72.442	74.224
Ethane:	9.043	12.587	7.802	7.248	6.655	10.202	9.972
Propane:	6.579	18.327	7.035	5.317	4.392	7.907	8.035
I-Butane:	0.865	2.594	0.885	0.638	0.529	0.981	0.777
N-Butane:	2.192	6.133	2.115	1.625	1.285	2.516	1.767
I-Pentane:	0.369	0.990	0.345	0.269	0.241	0.550	0.275
N-Pentane:	0.312	0.818	0.273	0.227	0.207	0.523	0.230
Hexane+:	0.144	0.418	0.161	0.123	0.104	0.498	0.090
BTU:	1161.2	1471.5	1011.2	938.4	820.2	1302.6	1243.5
GPM:	18.5440	20.9100	17.5920	17.0870	16.3260	19.4920	19.0940
SPG:	0.7758	1.0507	0.8307	0.8051	0.8201	0.7882	0.7528
	12/01/2014	11/01/2014	09/25/2014	09/02/2014	08/01/2014	07/01/2014	06/18/2014
	12/17/2014	11/14/2014	09/25/2014	09/05/2014	08/06/2014	07/07/2014	06/19/2014
	EC140495	EC140420	EC140339	EC140307	EC140261	EC140215	EC140202
	5.031	5.383	5.804	6.813	10.663	16.987	25.094
	0.356	0.318	0.350	0.346	0.299	0.271	0.255
	73.511	75.938	74.328	74.237	73.294	68.541	62.112
	9.728	9.539	9.272	8.940	8.096	7.520	6.850
	7.237	5.904	6.550	6.235	5.169	4.579	3.892
	0.915	0.641	0.774	0.733	0.561	0.476	0.401
	2.125	1.449	1.890	1.788	1.293	1.085	0.909
	0.403	0.245	0.376	0.349	0.225	0.186	0.160
	0.360	0.220	0.342	0.314	0.197	0.162	0.142
	0.334	0.363	0.314	0.244	0.203	0.193	0.185
	1251.5	1196.9	1218.8	1193.2	1107.4	1020.5	915.1
	19.1330	18.7510	18.8950	18.7130	18.1230	17.5580	16.8820
	0.7660	0.7341	0.7532	0.7475	0.7327	0.7439	0.7623



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METER RUN

05/13/2015
25150-11225

06/09/2014	06/02/2014	05/08/2014	04/16/2014
06/10/2014	06/09/2014	05/21/2014	04/17/2014
EC140174	EC140183	EC140166	EC140104
62.115	19.422	25.520	36.463
0.188	0.264	0.247	0.233
30.040	64.837	61.603	51.036
3.442	8.221	6.898	6.444
2.552	4.852	3.931	4.009
0.324	0.522	0.405	0.404
0.831	1.190	0.912	0.928
0.178	0.215	0.168	0.162
0.165	0.191	0.152	0.144
0.165	0.287	0.164	0.177
490.3	1014.6	911.7	798.7
14.1620	17.5720	16.8630	16.1710
0.8825	0.7659	0.7645	0.8083