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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 03 2013

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS** Farmington Field Office  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.** Pre-emptive Management

5. Lease Serial No.  
NMNM 89021

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.  
N/A

1. Type of Well  
 Oil Well     Gas Well     Other

8. Well Name and No.  
Lybrook A32-2306 01H

2. Name of Operator  
Encana Oil & Gas (USA) Inc.

9. API Well No.  
30-043-21127

3a. Address  
370 17th Street, Suite 1700  
Denver, CO 80202  
ATTN: ROBYNN HADEN

3b. Phone No. (include area code)  
720-876-3941

10. Field and Pool or Exploratory Area  
Lybrook Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SHL: 556' FNL and 222' FEL Sec 32, Township 23N, Range 6W  
BHL: 686 FNL and 2274' FEL Sec 31, Township 23N, Range 6W

11. Country or Parish, State  
Sandoval, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Gas Analysis</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Encana Oil & Gas (USA) Inc. (Encana) submitted a flaring extension on 6-12-13. Attached is the gas analysis for the flaring extension.

RCVD JUL 9 '13  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Robynn Haden

Title  
Engineering Technologist

Signature *Robynn Haden*

Date  
7/2/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date  
JUL 05 2013

Office

FARMINGTON  
BY *[Signature]*

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOCDA



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

Analysis No: EC130080  
 Cust No: 25150-11090

**Well/Lease Information**

Customer Name: ENCANA OIL & GAS  
 Well Name: LYBROOK A32 2306 #01H  
 County/State: SANDOVAL NM  
 Location: A32-23N-06W  
 Field:  
 Formation: MANCOS SHALE  
 Cust. Stn. No.:

Source: TEST SEP. MTR RUN  
 Pressure: 80 PSIG  
 Sample Temp: DEG. F  
 Well Flowing: Y  
 Date Sampled: 06/15/2013  
 Sampled By: BOB DURBIN  
 Foreman/Engr.:

Remarks: USED 3 H2S MONITORS TO CHECK WELLHEAD AND FLOWBACK SEPARATOR FOR H2S. ALL MONITORS SHOWED 0 PPM H2S. A FLOWBACK FRAC TANK HAD 159 PPM H2S.

**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	38.031	4.1990	0.00	0.3678
CO2	0.247	0.0420	0.00	0.0038
Methane	30.324	5.1590	306.27	0.1680
Ethane	13.577	3.6440	240.27	0.1410
Propane	11.036	3.0510	277.68	0.1680
Iso-Butane	1.397	0.4590	45.43	0.0280
N-Butane	3.192	1.0100	104.13	0.0641
I-Pentane	0.714	0.2620	28.57	0.0178
N-Pentane	0.634	0.2310	25.42	0.0158
Hexane Plus	0.848	0.3800	44.70	0.0281
<b>Total</b>	<b>100.000</b>	<b>18.4370</b>	<b>1072.46</b>	<b>1.0023</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038  
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1079.0  
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1060.2  
 REAL SPECIFIC GRAVITY: 1.0057

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

DRY BTU @ 14.650: 1073.1  
 DRY BTU @ 14.696: 1076.5  
 DRY BTU @ 14.730: 1079.0  
 DRY BTU @ 15.025: 1100.6

CYLINDER #: 4046  
 CYLINDER PRESSURE: 75 PSIG  
 DATE RUN: 6/17/13 1:14 PM  
 ANALYSIS RUN BY: LOGAN CHENEY



ENCANA OIL & GAS  
WELL ANALYSIS COMPARISON

Lease: LYBROOK A32 2306 #01H  
Str. No.:  
Mtr. No.:

TEST SEP. MTR RUN  
MANCOS SHALE

06/19/2013  
25150-11090

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Smpl Date: 06/15/2013  
Test Date: 06/17/2013  
Run No: EC130080  
Nitrogen: 38.031  
CO2: 0.247  
Methane: 30.324  
Ethane: 13.577  
Propane: 11.036  
I-Butane: 1.397  
N-Butane: 3.192  
I-Pentane: 0.714  
N-Pentane: 0.634  
Hexane+: 0.848  
BTU: 1079.0  
GPM: 18.4370  
SPG: 1.0057