

# RECEIVED

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**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

Farrington Field Office  
Bureau of Land Management

5. Lease Serial No.  
NM NM 109386  
6. Indian, Allottee or Tribe Name  
N/A

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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

3a. Address  
370 17th Street, Suite 1700  
Denver, CO 80202

ATTN: ROBYNN HADEN

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SHL: 2325' FNL and 138' FEL, Sec 3 Township 22N Range 6W  
BHL: 2213' FNL and 339' FWL, Sec 3 Township 22N Range 6W

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

8. Well Name and No.  
Lybrook H03-2206 01H

9. API Well No.  
30-043-21123

10. Field and Pool or Exploratory Area  
Lybrook Gallup

11. Country or Parish, State  
Sandoval, New Mexico

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 Gas Analysis
	<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 5-28-13. Attached is the gas analysis for the flaring extension.

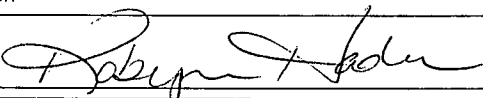
RCVD JUL 9 '13  
OIL CONS. DIV.  
DIST. 3

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

Name (Printed/Typed)  
Robynn Haden

Title Engineering Technologist

Signature



Date

7/2/13

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

JUL 05 2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE  
BY

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  
AV



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

Analysis No: EC130071  
Cust No: 25150-11085

### Well/Lease Information

Customer Name: ENCANA OIL & GAS  
Well Name: LYBROOK H03-2206 #01H  
County/State: SANDOVAL NM  
Location: H3-22N-06W  
Field:  
Formation:  
Cust. Stn. No.: 550100450

Source: N/A  
Pressure: 100 PSIG  
Sample Temp: DEG. F  
Well Flowing: Y  
Date Sampled: 05/28/2013  
Sampled By: DEVIN ROQUEMORE  
Foreman/Engr.:

Remarks: H2S = 0 PPM GAS #1 H2S MONITOR; H2S = 0 PPM GAS #2 H2S MONITOR; H2S = 0 PPM GAS #3 H2S MONITOR

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	45.355	5.0020	0.00	0.4387
CO2	0.171	0.0290	0.00	0.0026
Methane	33.281	5.6560	336.14	0.1843
Ethane	8.374	2.2450	148.19	0.0869
Propane	7.032	1.9420	176.93	0.1071
Iso-Butane	1.001	0.3280	32.55	0.0201
N-Butane	2.508	0.7930	81.82	0.0503
I-Pentane	0.669	0.2450	26.77	0.0167
N-Pentane	0.635	0.2310	25.46	0.0158
Hexane Plus	0.974	0.4350	51.34	0.0322
Total	100.000	16.9060	879.20	0.9548

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0027

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 883.6

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 868.2

REAL SPECIFIC GRAVITY: 0.957

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

DRY BTU @ 14.650: 878.8

DRY BTU @ 14.696: 881.6

DRY BTU @ 14.730: 883.6

DRY BTU @ 15.025: 901.3

CYLINDER #: 7032

CYLINDER PRESSURE: 85 PSIG

DATE RUN: 5/28/13 7:08 AM

ANALYSIS RUN BY: AMANDA ARMENTA



ENCANA OIL & GAS  
WELL ANALYSIS COMPARISON

Lease: LYBROOK H03-2206 #01H  
Stn. No.: 550100450  
Mtr. No.:

N/A

06/03/2013  
25150-11085

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Smpl Date: 05/28/2013  
Test Date: 05/28/2013  
Run No: EC130071  
Nitrogen: 45.355  
CO2: 0.171  
Methane: 33.281  
Ethane: 8.374  
Propane: 7.032  
I-Butane: 1.001  
N-Butane: 2.508  
I-Pentane: 0.669  
N-Pentane: 0.635  
Hexane+: 0.974  
BTU: 883.6  
GPM: 16.9060  
SPG: 0.9570