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Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 13 2013

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

Farmington Field Office of Land Management

**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.*

5. Lease Serial No. NM-NM 109389
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. Lybrook D22-2206 01H
2. Name of Operator Encana Oil & Gas (USA) Inc.		9. API Well No. 30-043-21131
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 WC Gallup
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1147' FNL and 187' FWL Sec 22, T22N, R6W BHL: 660' FNL and 330' FWL Sec 21, T22, R6W		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 <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 1-10-13. Attached is the gas analysis for the flaring extension.

RCVD MAR 29 '13  
OIL CONS. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Robynn A. Haden	Title Engineering Technologist
Signature 	Date 3/11/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date MAR 20 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	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



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

Analysis No: EC130006  
 Cust No: 25150-11060

### Well/Lease Information

Customer Name: ENCANA OIL & GAS  
 Well Name: LYBROOK D22 2206 #001H  
 County/State: SANDOVAL  
 Location:  
 Field:  
 Formation:  
 Cust. Stn. No.: 55100300

Source: N/A  
 Pressure: 30 PSIG  
 Sample Temp: DEG. F  
 Well Flowing: Y  
 Date Sampled: 01/17/2013  
 Sampled By: JIMMY DAVIS  
 Foreman/Engr.:

Remarks:

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	68.985	7.6040	0.00	0.6672
CO2	0.259	0.0440	0.00	0.0039
Methane	16.661	2.8300	168.28	0.0923
Ethane	1.600	0.4290	28.32	0.0166
Propane	4.123	1.1380	103.74	0.0628
Iso-Butane	1.172	0.3840	38.11	0.0235
N-Butane	2.895	0.9140	94.44	0.0581
I-Pentane	1.052	0.3850	42.09	0.0262
N-Pentane	1.007	0.3660	40.37	0.0251
Hexane Plus	2.246	1.0030	118.39	0.0743
<b>Total</b>	<b>100.000</b>	<b>15.0970</b>	<b>633.73</b>	<b>1.0501</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0021  
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 636.5  
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 625.4  
 REAL SPECIFIC GRAVITY: 1.0519

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

DRY BTU @ 14.650: 633.0  
 DRY BTU @ 14.696: 635.0  
 DRY BTU @ 14.730: 636.5  
 DRY BTU @ 15.025: 649.2

CYLINDER #: 6246  
 CYLINDER PRESSURE: 21 PSIG  
 DATE RUN: 1/18/13 10:19 AM  
 ANALYSIS RUN BY: BRANDY MEDFORD



ENCANA OIL & GAS  
WELL ANALYSIS COMPARISON

Lease: LYBROOK D22 2206 #001H  
Stn. No.: 55100300  
Mtr. No.:

N/A

01/18/2013  
25150-11060

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Smpl Date: 01/17/2013  
Test Date: 01/18/2013  
Run No: EC130006  
Nitrogen: 68.985  
CO2: 0.259  
Methane: 16.661  
Ethane: 1.600  
Propane: 4.123  
I-Butane: 1.172  
N-Butane: 2.895  
I-Pentane: 1.052  
N-Pentane: 1.007  
Hexane+: 2.246  
BTU: 636.5  
GPM: 15.0970  
SPG: 1.0519