

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 16 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 and maintain an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM 89021
6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
Lybrook H32-2306 01H

9. API Well No.
30-043-21126

10. Field and Pool or Exploratory Area
Lybrook Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 1785' FNL and 250' FEL Sec 32, Township 23N, Range 6W
BHL: 1879' FNL and 2276' 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 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 flare extension on 7/15/13. Attached is the gas analysis for the flaring extension.

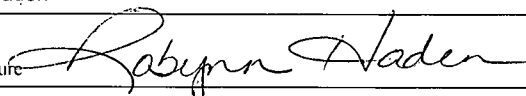
RCVD AUG 21 '13
OIL CONS. DIV.
DIST. 3

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

Name (Printed/Typed)
Robynn Haden

Title Engineering Technologist

Signature



Date

8/15/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

AUG 19 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)

NMOCD 



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

Analysis No: EC130097
Cust No: 25150-11105

Well/Lease Information

Customer Name: ENCANA OIL & GAS
Well Name: LYBROOK H32-2306 #01H
County/State: SANDOVAL NM
Location: H32-23N-06W
Field:
Formation: MANCOS SHALE
Cust. Stn. No.: 550100503

Source: TEST SEPARATOR
Pressure: 272 PSIG
Sample Temp: 92 DEG. F
Well Flowing: Y
Date Sampled: 07/17/2013
Sampled By: BOB DURBIN
Foreman/Engr.:

Remarks:

Analysis

| Component:: | Mole%: | **GPM: | *BTU: | *SP Gravity: |
|-------------|---------|---------|--------|--------------|
| Nitrogen | 37.800 | 4.1670 | 0.00 | 0.3656 |
| CO2 | 0.189 | 0.0320 | 0.00 | 0.0029 |
| Methane | 44.544 | 7.5670 | 449.89 | 0.2467 |
| Ethane | 8.491 | 2.2750 | 150.27 | 0.0882 |
| Propane | 5.756 | 1.5890 | 144.83 | 0.0876 |
| Iso-Butane | 0.681 | 0.2230 | 22.15 | 0.0137 |
| N-Butane | 1.577 | 0.4980 | 51.45 | 0.0316 |
| I-Pentane | 0.334 | 0.1220 | 13.36 | 0.0083 |
| N-Pentane | 0.296 | 0.1080 | 11.87 | 0.0074 |
| Hexane Plus | 0.332 | 0.1480 | 17.50 | 0.0110 |
| Total | 100.000 | 16.7290 | 861.31 | 0.8630 |

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 865.3

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 850.2

REAL SPECIFIC GRAVITY: 0.8646

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

DRY BTU @ 14.650: 860.6

DRY BTU @ 14.696: 863.3

DRY BTU @ 14.730: 865.3

DRY BTU @ 15.025: 882.6

CYLINDER #: 6243

CYLINDER PRESSURE: 260 PSIG

DATE RUN: 7/18/13 7:39 AM

ANALYSIS RUN BY: PATRICIA KING



ENCANA OIL & GAS
WELL ANALYSIS COMPARISON

Lease: LYBROOK H32-2306 #01H
Stn. No.: 550100503
Mtr. No.:

TEST SEPARATOR
MANCOS SHALE

07/22/2013
25150-11105

Smpl Date: 07/17/2013
Test Date: 07/18/2013
Run No: EC130097

Nitrogen: 37.800
CO2: 0.189
Methane: 44.544
Ethane: 8.491
Propane: 5.756
I-Butane: 0.681
N-Butane: 1.577
I-Pentane: 0.334
N-Pentane: 0.296
Hexane+: 0.332

BTU: 865.3
GPM: 16.7290
SPG: 0.8646