

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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.**

5. Lease Serial No.  
NMNM 112953

6. If 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

3b. Phone No. (include area code)  
720-876-3007

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SHL: 1599' FNL and 199' FWL Section 27, T23N, R6W  
BHL: 1732' FNL and 689' FWL Section 28, T23N, R6W

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

N/A

8. Well Name and No.  
Lybrook E27-2306 03H

9. API Well No.  
30-043-21150

10. Field and Pool or Exploratory Area  
Counselors Gallup-Dakota

11. Country or Parish, State  
Sandoval County, 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>Flare Extension</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 recompleat 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 recompleat 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) completed the Lybrook E27-2306 03H on 03/11/14. Encana requests an exception from NTL 4A, III C gas flaring (gas test period of 30 days from well completion or 50 MMCF, whichever comes first) and requests an additional 30 days to flare the gas from this well. This extension is requested because this well does not have a pipeline in place. Pipeline is expected to be in place on the approximate date of 04/21/2014.

Encana estimates that an average of approximately 2 MMCF/d will be flared. The gas analysis is attached.

— Flaring authorized until 4/30/14 or until the pipeline is installed, whichever occurs first.

Approved pursuant to  
NTL4A, Part III C

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

Name (Printed/Typed)

Vy Nguyen

Title Engineering Technologist

Signature

Date 03/17/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office

Date

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

# Diablo Analytical BTU Report

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## Sample Information

Sample Information	
Sample Name	LYBROOK E27 03H
TAKEN BY:	RICK BAIRD
METER #	
Method Name	RICKNGAH2S
Injection Date	3/16/2014 9:07:48 AM
Report Date	03/16/2014 10:14:18 AM
BTU Configuration File	hexanes plus.cfg
Data Source	Cerity data system connection
Instrument	G2801AGC - US10317001

## Component Results

Component Name	Ret. Time	Peak Area	Normalized Mole%	Heating Value (Btu / cu. ft.)	Molar Mass Ratio (G)	GPM (Gal. / 1000 cu. ft.)
Nitrogen	0.476	291432	33.247	0.000	0.3216	3.6684
Methane	0.496	265865	42.710	432.373	0.2366	7.2616
Carbon Dioxide	0.645	2000	0.212	0.000	0.0032	0.0364
Ethane	0.726	106241	10.823	191.974	0.1124	2.9016
Hydrogen Sulfide	0.000	0	0.000	0.000	0.0000	
Propane	1.885	86461	7.823	197.300	0.1191	2.1607
i-Butane	0.308	34830	0.978	31.868	0.0196	0.3208
n-Butane	0.327	86038	2.433	79.568	0.0488	0.7695
i-Pentane	0.393	21471	0.576	23.090	0.0143	0.2114
n-Pentane	0.420	20795	0.533	21.416	0.0133	0.1936
Hexanes Plus	0.975	9121	0.664	34.142	0.0214	0.2890
Total:			100.000	1011.732	0.9103	17.8130

## Results Summary

Result	Dry
Total Unnormalized Mole%	96.766
Pressure Base (psia)	14.730
Gross Heating Value (Btu / Ideal cu. ft.)	1011.732
Gross Heating Value (Btu / Real cu. ft.)	1014.913
Real Relative Density	0.91280
Gas Compressibility (Z) Factor	0.99686