

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.*

RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2.

MAR 17 2014

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. N/A
2. Name of Operator Encana Oil & Gas (USA) Inc.		8. Well Name and No. Lybrook M27-2306 04H
3a. Address 370 17th Street, Suite 1700 Denver CO, 80202		9. API Well No. 30-043-21151
3b. Phone No. (include area code) 720-876-5353		10. Field and Pool or Exploratory Area Counselors Gallup-Dakota
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 901' FSL and 173' FWL, Section 27, T23N R6W BHL: 550' FSL and 330' FWL, Section 28, T23N R6W		11. Country or Parish, State Sandoval, NM

Farmington Field Office  
Bureau of Land Management

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 recompleate 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 recompleation 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 M27-2306 04H on 03/01/14. 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 was completed using a larger frac design which resulted in larger nitrogen and water volumes and additional time is needed to remove fluid off the formation and clean up the well and additional flaring would allow for a better understanding of the well's potential and the Lybrook area potential.

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

ROVD MAR 20 '14  
OIL CONS. DIV.  
DIST. 3

Approved pursuant to  
NTL4A, Part III C

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Amie Weis	Title Operations Engineer
Signature <i>Amie Weis</i>	Date 03/14/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title <i>Ret. Eng.</i>	Date <i>3/18/14</i>
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		

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.

# Diablo Analytical BTU Report

## Sample Information

Sample Information	
Sample Name	LYBROOK M27 04H
TAKEN BY:	RICK BAIRD
Method Name	RICKNGAH2S
Injection Date	3/10/2014 1:50:49 PM
Report Date	03/10/2014 02:01:47 PM
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	0.480	287778	33.219	0.000	0.3213	3.6662
Methane	0.501	263579	42.844	433.728	0.2373	7.2862
Carbon Dioxide	0.649	1975	0.212	0.000	0.0032	0.0363
Ethane	0.732	101006	10.411	184.673	0.1081	2.7920
Hydrogen Sulfide	0.000	0	0.000	0.000	0.0000	
Propane	1.897	80334	7.355	185.485	0.1120	2.0318
i-Butane	0.308	32690	0.929	30.265	0.0186	0.3047
n-Butane	0.327	77505	2.218	72.524	0.0445	0.7016
i-Pentane	0.392	19845	0.539	21.595	0.0134	0.1977
n-Pentane	0.419	19433	0.504	20.247	0.0126	0.1831
Hexanes Plus	1.467	24028	1.770	91.002	0.0570	0.7705
Total:			100.000	1039.518	0.9280	17.9701

## Results Summary

Result	Dry
Total Unnormalized Mole%	95.635
Pressure Base (psia)	14.730
Gross Heating Value (Btu / Ideal cu. ft.)	1039.518
Gross Heating Value (Btu / Real cu. ft.)	1043.047
Real Relative Density	0.93076
Gas Compressibility (Z) Factor	0.99662