

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions
listed below are made in accordance with OCD Rule 19.15.7.11
and are in addition to the actions approved by BLM on the
following 3160-4 or 3160-5 form.

Operator Signature Date: 7-21-14

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-043-21175-00-00	LYBROOK M28 2306	002H	ENCANA OIL & GAS (USA) INC.	O	N	Sandoval	F	M	28	23	N	6	W

Application Type:

☐ P&A ☒ Drilling/Casing Change ☐ Recomplete/DHC
☐ Location Change ☐ Other:

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Run CBL on the Intermediate string and complete any necessary remediation prior to production. Submit CBL for review/approval prior to any remediation.

NMOCD Approved by Signature

7-31-14
Date

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. 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)
720-876-5867

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

8. Well Name and No.
Lybrook M28-2306 02H

9. API Well No.
30-043-21175

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 320' FSL and 1289' FWL Sec 28, T23N, R6W
BHL: 330' FSL and 1225' FWL Sec 33, T23N, R6W

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 Intermediate casing/cement
	<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.)

Set intermediate casing string 7/15/14. Gelled freshwater mud system.

Hole diameter: 8.75", casing diameter: 7", casing weight and grade: 26ppf J-55 LTC. Depth of 8.75" hole from 0-5864'TVD/MD. Intermediate casing set from surface to 5860'MD. Top of float collar at 5809' MD. TOC at surface and BOC at 5864'MD.

Stage 1 Lead: Cement (pumped 7/17/14) 453 sks Premium Lite FM+ 3% CaCl₂ + 0.25/sk Cello Flake + 5#/sk LCM-1 + 8% Bentonite + 0.4% FL-52A + 0.4% Sodium Metasilicate. Mixed at 12.1 ppg. Yield 2.13 cuft/sk.

Stage 1 Tail: Cement (pumped 7/17/14) 367sks Type III Cement + 1% CaCl₂ + 0.25#/sk Cello Flake + 0.2% FL-52A. Mixed at 14.6 ppg. Yield 1.38 cuft/sk. No returns to surface. Did not run DV Tool. WOC 10.5 hours.

Started drilling out cement on 7/18/14. Tested BOP 7/18/14 to 3000# for 30minutes. No pressure drop. Tested casing 7/18/14 to 1500# for 30 minutes. No pressure drop.

OIL CONS. DIV DIST. 3

JUL 25 2014

ACCEPTED FOR RECORD

JUL 24 2014

FARMINGTON FIELD OFFICE

BY: William Tambekou

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

Name (Printed/Typed)

Cristi Bauer

Title Operations Technologist

Signature

Cristi BAUER

Date

7/21/14

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

(Instructions on page 2)

NMOCDA