

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary-Designate

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:

Application Type:

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

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW
30-043-21153-00-00	LYBROOK M27 2306	002H	ENCANA OIL & GAS (USA) INC.	O	N	Sandoval	F	M	27	23	N	6	W	960	S	181	W

Conditions of Approval:

Report TOC for intermediate casing on completion sundry

NMOCD Approved by Signature

DEC 04 2013

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

8. Well Name and No.
Lybrook M27-2306 02H

9. API Well No.
30-043-21153

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

11. Country or Parish, State
Sandoval, NM

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

4. Location of Well (Footage, Sec., T. R. M., or Survey Description)
SHL: 931' FSL and 177' FWL, Section 27, T23N R6W
BHL: 1880' FSL and 660' FWL, Section 28, T23N R6W

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 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 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.)

Set intermediate casing string and cemented 10/24/13. Gelled freshwater mud system.

Hole diameter: 8.75", casing diameter: 7", casing weight and grade: 26# J55 LTC. Depth of 8.75" hole from 0 to 6385'MD. Intermediate casing set from surface to 6308'MD. Stage tool at 2217'. Top of float collar at 6261'MD. TOC at surface and BOC at 6308'MD.

Cement (pumped 10/25/13): Stage 1 Lead: 547sks Premium Lite FM + 3% Cacl2 + 0.25#/sk Celloflake + 5#/sk LCM-1 + 8% Bentonite + 0.4% FL-52A + 0.4% Sodium Metasilicate. Mixed at 12.1 ppg. Yield 2.13 cuft/sk. Tail: 360sks Type III Cement + 1% Cacl2 + 0.25#/sk Celloflake + 0.2% FL-52A. Mixed at 14.6 ppg. Yield 1.38 cuft/sk. No cement to surface and no circulation. Open DVT.

Cement (pumped 10/25/13): Stage 2 Lead: 300 sks Premium Lite FM + 3% Cacl2 + 0.25#/sk Celloflake + 5#/sk LCM-1 + 8% Bentonite + 0.4% FL-52A + 0.4% Sodium Metasilicate. Mixed at 12.1 ppg. Yield 2.13 cuft/sk. Lost returns. Called Steve Mason with BLM and he gave the ok to keep going. Encana will run a bond log. WOC 11 hrs.

Tested casing and BOP 10/26/13. Pressure held to 1500psi for 30 minutes. No pressure drop. ✓

Started drilling out DVT 10/26/13.

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

Name (Printed/Typed)
Robynn Haden

Title Engineering Technologist

Signature

Robynn Haden

Date

10/31/13

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