

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

SEP 1

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. B-Indian, Allottee or Tribe Name
N/A

RCVD SEP 18 '14

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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

N/A

OIL CONS. DIV.

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

DIST. 3

2. Name of Operator
Encana Oil & Gas (USA) Inc.

9. API Well No.
30-043-21175

3a. Address
370 17th Street, Suite 1700
Denver, CO 80202

3b. Phone No. (include area code)
720-876-5867

10. Field and Pool or Exploratory Area
Lybrook Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SHL: 320' FSL and 1289' FWL Sec 28, T23N, R6W
BHL: 347' FSL and 1214' FWL Sec 33, T23N, R6W

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Completions
	<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.)

Please see attached sheet detailing completion operations occurring between 8/18/14 and 9/15/14.

ACCEPTED FOR RECORD

SEP 17 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

9/16/14

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)

RECEIVED

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AMENDED

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other:

2. Name of Operator
Encana Oil & Gas (USA) Inc.3. Address 370 17th Street, Suite 1700
Denver, CO 802023a. Phone No. (include area code)
720-876-5867

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 320' FSL and 1289 FWL, Section 28, T23N, R6W

At top prod. interval reported below 412' FNL and 1215' FWL, Section 33, T23N, R6W

At total depth 347 FSL and 1214 FWL, Section 33, T23N, R6W

14. Date Spudded
07/09/201415. Date T.D. Reached
07/22/201416. Date Completed 09/16/2014
☐ D & A ☒ Ready to Prod.5. Lease Serial No.
NMNM 1129536. If Indian, Allottee or Tribe Name
N/A7. Unit or CA Agreement Name and No.
N/A8. Lease Name and Well No.
Lybrook M28-2306 02H9. API Well No.
30-043-2117510. Field and Pool or Exploratory
Lybrook Gallup11. Sec., T., R., M., on Block and
Survey or Area Section 28, T23N, R6W

12. County or Parish

13. State

Sandoval

NM

17. Elevations (DF, RKB, RT, GL)*
7220' GL18. Total Depth: MD 10,445'
TVD 5599'19. Plug Back T.D.: MD n/a
TVD n/a20. Depth Bridge Plug Set: MD 4960'
TVD 4960'21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL (previously submitted)22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL.)	Cement Top*	Amount Pulled
12.25"	9.625"/J55	36#	Surface	506'	N/A	201 Type III	42	Surface (CIR)	N/A
8.75"	7"/J55	26#	Surface	5860'	N/A	453 Prem Lite	172	620' 630'	N/A
"	"	"	"	"	"	367 Type III	90	Surface (CIR)	N/A
6.125"	4.5"/SB80	11.6#	5617'	10,443	N/A	N/A	N/A	N/A	N/A

24. Tubing Record WILL BE PROVIDED ON TUBING SUNDRY

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
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25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	6036'	10,445	6080' - 10,340'	0.44	684	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6080' - 10,340'	Please see Completion Sundry submitted 9/16/14

28. Production - Interval A WILL BE PROVIDED ON FIRST PRODUCTION SUNDRY

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL.	Gas MCF	Water BBL.	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL.	Gas MCF	Water BBL.	Gas/Oil Ratio	Well Status	
			➡						

28a. Production - Interval B

26a. Production - Interval									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL.	Gas MCF	Water BBL.	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL.	Gas MCF	Water BBL.	Gas/Oil Ratio	Well Status	

*(See instructions and spaces for additional data on page 2)

NMOCDAV

Lybrook M28-2306 02H
API: 30-043-21175

8/18/14 – Stage 1

Set plug @ 10,385'. Perforated stage #1 @ 10,220'- 10,340', 36 holes.
Frac stage #1: 25# Foamed Gel, 1719 bbls Fresh H2O, 276,921#s of 20/40, 23,281#s of 12/20, N2 3,540,139 Mscf.

8/18/14 – Stage 2

Pump 50 bio-balls to seal of stage #1. Perf stage #2 as follows 10,000'- 10,120', 36 holes.
Frac stage #2: 20# Foamed Gel, 1,882 bbls Fresh H2O, 292,000#s of 20/40, 0 #s of 12/20, N2 3,006,663 Mscf.

8/20/14 – Stage 3

Set plug @ 9,950. Perf stage #3 as follows 9,799'- 9,899', 36 holes.
Frac stage #3: 25# Foamed Gel, 1,512 bbls Fresh H2O, 274,253 #s of 20/40, 24,225 #s of 12/20, N2 3,428,303 Mscf.

8/20/14 – Stage 4

Pump 50 bio-balls to seal of stage #3. Perf stage #4 as follows 9563'-9683', 36 holes.
Frac stage #4: 25# Foamed Gel, 1,767 bbls Fresh H2O, 273,000#s of 20/40, 24,500#s of 16/30, N2 3,618,620 Mscf.

8/20/14 – Stage 5

Set plug @ 9,510. Perf stage #5 as follows 9,341'-9,461' 36 holes.
Frac stage #5: 20# Foamed Gel, 1538 bbls Fresh H2O, 276,500 #s of 20/40, 24,000 #s of 16/30, N2 3,481,785 Mscf.

8/21/14 – Stage 6

Pump 50 bio-balls to seal of stage #5. Perf stage #6 as follows 9,120'-9,240', 36 holes.
Frac stage #6: 20# Foamed Gel, 1,767 bbls Fresh H2O, 273,000#s of 20/40, 24,500#s of 16/30, N2 3,618,620 Mscf.

8/22/14 – Stage 7

Set CFP @ 9070', Perf Stage #7 as follows 8899'-9019', 36 holes.
Frac stage #7: 20# Foamed Gel, 1526 bbls Fresh H2O, 274,000 #s of 20/40, 26,500 #s of 16/30, N2 3,635,214 Mscf.

8/22/14 – Stage 8

Pump 50 bio-balls to seal of stage #7. Perf stage #8 as follows 8,675'-8,795', 36 holes.
Frac stage #8: 20# Foamed Gel, 1678 bbls Fresh H2O, 275,000 #s of 20/40, 24,500 #s of 16/30, N2 3,551,592 Mscf.

8/22/14 – Stage 9

Set plug @ 8,630. Perf stage #9 as follows 8,454'-8,574', 36 holes.
Frac stage #9: 20# Foamed Gel, 1619 bbls Fresh H2O, 278,736 #s of 20/40, 24,695 #s of 16/30, N2 3,434,482 Mscf.

8/22/14 – Stage 10

Pump 50 bio-balls to seal of stage # 9. Perf stage #10 as follows 8,235'-8,355', 36 holes.

Frac stage #10: 20# Foamed Gel, 1640 bbls Fresh H2O, 272,100 #s of 20/40, 26,300 #s of 16/30, N2 3,038,162 Mscf.

8/23/14 – Stage 11

Set plug @ 8,185. Perf stage #11 as follows 8,014'-8,134', 36 holes.

Frac stage #11: 20# Foamed Gel, 1,557 bbls Fresh H2O, 274,957 #s of 20/40, 25,791 #s of 16/30, N2 3,321,819 Mscf.

8/23/14 – Stage 12

Pump 50 bio-balls to seal of stage # 11. Perf stage #12 as follows 7,793'-7,913', 36 holes.

Frac stage #12: 20# Foamed Gel, 1,639 bbls Fresh H2O, 276,245 #s of 20/40, 26,767 #s of 16/30, N2 3,259,770 Mscf.

8/24/14 – Stage 13

Set plug @ 7,748. Perf stage #13 as follows 7,572'-7,692', 36 holes.

Frac stage #13: 20# Foamed Gel, 1,533 bbls Fresh H2O, 275,486 #s of 20/40, 24,146 #s of 16/30, N2 3,140,368 Mscf.

8/24/14 – Stage 14

Pump 50 bio-balls to seal off stage #13. Perf stage #14 as follows 7,350'-7,470', 36 holes.

Frac stage #14: 20# Foamed Gel, 1,604 bbls Fresh H2O, 278,212 #s of 20/40, 24,365 #s of 16/30, N2 3,253,826 Mscf.

8/25/14 – Stage 15

Set plug @ 7304'. Perf stage #15 as follows 7130'-7250', 36 holes.

Frac stage #15: 20# Foamed Gel, 15,162 bbls Fresh H2O, 276,200 #s of 20/40, 26,000 #s of 16/30, N2= 3,643,653 Mscf.

8/25/14 – Stage 16

Pump 50 bio-balls to seal of stage #15. Perf stage #16 as follows 6,867'-6,987', 36 holes.

Frac stage #16: 20# Foamed Gel, 1,685 bbls Fresh H2O, 275,800 #s of 20/40, 26,071 #s of 16/30, N2 3,273,054 Mscf.

8/26/14 – Stage 17

Set plug @ 6,830'. Perf stage #17 as follows 6,605'-6,725', 36 holes.

Frac stage #17: 20# Foamed Gel, 1,506 bbls Fresh H2O, 276,500 #s of 20/40, 25,500 #s of 16/30, N2 3,760,601 Mscf.

8/26/14 – Stage 18

Pump 50 bio-balls to seal of stage #17. Perf stage #18 as follows 6,342'-6,462', 36 holes.

Frac stage #18: 20# Foamed Gel, 1,649 bbls Fresh H2O, 270,000 #s of 20/40, 21,200 #s of 16/30, N2 3,057,460 Mscf.

8/27/14 – Stage 19

Set plug @ 6,310'. Perf stage #19 as follows 6,080'-6,200', 36 holes.

Frac stage #19: 20# Foamed Gel, 1480 bbls Fresh H2O, 279,693 #s of 20/40, 25,551 #s of 16/30, N2 3,191,931 Mscf. Set plug @ 4,960'.

9/12/14

Mill out plug at 4960', 6310'.

9/13/14

Mill out plug at 6830' 7304'.

9/14/14

Mill out plug at 7748' 8185', 8630'.

9/15/14

Mill out plug at 9070', 9510'.

9/16/14

Mill out plug at 9950'.

Tubing information will be provided on a subsequent sundry.