

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 1129536. If Indian, Allottee or Tribe Name  
N/A

RCVD SEP 24 '14

SUBMIT IN TRIPLICATE - Other instructions on page 2.

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Encana Oil &amp; Gas (USA) Inc.

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

## 3b. Phone No. (include area code)

720-876-5867

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SHL: 354' FSL and 1265' FWL Sec 28, T23N, R6W  
BHL: 338' FSL and 400' FWL Sec 33, T23N, R6W7. If Unit of CA/Agreement, Name and/or No.  
N/A8. Well Name and No.  
Lybrook M28-2306 01H9. API Well No.  
30-043-2117810. Field and Pool or Exploratory Area  
Lybrook Gallup11. 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 <u>Correction to initial</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>submittal</u>
	<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 recomplete 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 recompletion 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.)

Attached is an amended Completions Record correcting box 26 and 27 (bottom perf interval) from 11,104' to 11,041'.

ACCEPTED FOR RECORD

SEP 22 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 Technician

Signature

CRISTI BAUER

Date

9/17/14

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)

NMOCDPV

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**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**5. Lease Serial No.  
NMNM 1129531a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other: \_\_\_\_\_

SEP 18 2014

2. Name of Operator  
Encana Oil & Gas (USA) Inc.3. Address 370 17th Street, Suite 1700  
Denver, CO 802023a. Phone No. (include area code)  
720-876-58676. 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 01H9. API Well No.  
30-043-21178

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

At surface 354' FSL and 1265' FWL, Section 28, T23N, R6W

At top prod. interval reported below 363' FNL and 386' FWL, Section 33, T23N, R6W

At total depth 338' FSL and 400' FWL, Section 33, T23N, R6W

10. Field and Pool or Exploratory  
Lybrook Gallup11. Sec., T., R., M., on Block and  
Survey or Area  
Section 28, T23N, R6W12. County or Parish  
Sandoval13. State  
NM14. Date Spudded  
06/05/201415. Date T.D. Reached  
06/19/201416. Date Completed 09/10/2014  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
7220' GL18. Total Depth: MD 11,107'  
TVD 5599'19. Plug Back T.D.: MD n/a  
TVD n/a20. Depth Bridge Plug Set: MD 5200'  
TVD 5200'21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
None22. 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	528'	N/A	330sks Type III	69	Surface (CIR)	N/A
8.75"	7"/J55	26#	Surface	5021'	2365'	615sks Halcem	214	Surface (CIR)	N/A
"	7"/L80	26#	5021'	6290'	"	225 sks Halcem	78	Surface (CIR)	N/A
6.125"	4.5"/SB80	11.6#	6069'	11,107'	N/A	N/A	N/A	N/A	N/A

RCUD SEP 24 '14  
OIL CONS. DIV.  
DIST. 3

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	6649.41	11,107.00	6701'-11,041'	0.44	684	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6701'-11,041'	Please see Completion Sundry submitted 9/11/14

28. Production - Interval A

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

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)

## 28b. Production - Interval C

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	

## 28c. Production - Interval D

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	

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Flared

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Ojo Alamo 1549, Kirtland Shale 1730, Fruitland Coal 1879, Pictured Cliffs 2129, Lewis Shale 2243, Cliffhouse Sandstone 2931, Menefee 3689, Point Lookout 4389, Mancos Shale 4567, Mancos Silt 5151, Gallup 5408

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
San Jose Nacimiento Fn.	0 surface	surface 1549'	Water, Gas Water, Gas	San Jose Nacimiento Fn.	0 surface
Ojo Alamo Kirtland Shale	1549' 1730'	1730' 1879'	Water, Gas Water, Gas	Ojo Alamo Kirtland Shale	1549' 1730'
Fruitland Coal Pictured Cliffs	1879' 2129'	2129' 2243'	Water, Gas Oil, Gas	Fruitland Coal Pictured Cliffs	1879' 2129'
Lewis Shale Cliffhouse Sandstone	2243' 2931'	2931' 3689'	Oil, Gas Oil, Gas	Lewis Shale Cliffhouse Sandstone	2243' 2931'
Menefee Point Lookout	3689' 4389'	4389' 4567'	Oil, Gas Oil, Gas	Menefee Point Lookout	3689' 4389'
Mancos Shale Mancos Silt	4567' 5151'	5151' 5408'	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4567' 5151'
Gallup Base Gallup	5408' 5710'		Oil, Gas Oil, Gas	Gallup Base Gallup	5408' 5710'

## 32. Additional remarks (include plugging procedure):

Set 19 external swellable casing packers for isolation of production string at the following depths: (1) 10,871' (2) 10,638' (3) 10,400' (4) 10,163' (5) 9925' (6) 9692' (7) 9460' (8) 9225' (9) 8990' (10) 8758' (11) 8524' (12) 8289' (13) 8051' (14) 7815' (15) 7582' (16) 7347' (17) 7115' (18) 6881' (19) 6649'

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cristi BauerTitle Operations TechnicianSignature Cristi BAUERDate 9/17/14

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED  
OMB NO. 1004-0137  
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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. Resvr.,  
Other: \_\_\_\_\_

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

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 354' FSL and 1265' FWL, Section 28, T23N, R6W  
At top prod. interval reported below 363' FNL and 386' FWL, Section 33, T23N, R6W  
At total depth 338' FSL and 400' FWL, Section 33, T23N, R6W

5. Lease Serial No.  
NMNM 112953

6. If Indian, Allottee or Tribe Name  
N/A

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

8. Lease Name and Well No.  
Lybrook M28-2306 01H

9. API Well No.  
30-043-21178 - 8051

10. Field and Pool or Exploratory  
Lybrook Gallup

11. Sec., T., R., M., on Block and  
Survey or Area  
Section 28, T23N, R6W

12. County or Parish  
Sandoval

13. State  
NM

14. Date Spudded  
06/05/2014

15. Date T.D. Reached  
06/19/2014

16. Date Completed 09/10/2014  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
7220' GL

18. Total Depth: MD 11,107'  
TVD 5599'

19. Plug Back T.D.: MD n/a  
TVD n/a

20. Depth Bridge Plug Set: MD 5200'  
TVD 5200'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Gamma Ray

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25"	9.625"/J55	36#	Surface	528'	N/A	330sks Type III	69	Surface (CIR)	N/A
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6.125"	4.5"/SB80	11.6#	6069'	11,107'	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)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	6649.41	11,107.00	6701'-11,104'	0.44	684	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6701'-11,104'	Please see Completion Sundry submitted 9/11/14

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

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	
			→						

ACCEPTED FOR RECORD  
SEP 11 2014

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

NMOCD

FARMINGTON FIELD OFFICE  
BY: William Tambekou

## 28b. Production - Interval C

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	
			→						

## 28c. Production - Interval D

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	
			→						

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Flared

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

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Fruitland Coal Pictured Cliffs	1879' 2129'	2129' 2243'	Water, Gas Oil, Gas	Fruitland Coal Pictured Cliffs	1879' 2129'
Lewis Shale Cliffhouse Sandstone	2243' 2931'	2931' 3689'	Oil, Gas Oil, Gas	Lewis Shale Cliffhouse Sandstone	2243' 2931'
Manefee Point Lookout	3689' 4389'	4389' 4567'	Oil, Gas Oil, Gas	Manefee Point Lookout	3689' 4389'
Mancos Shale Mancos Silt	4567' 5151'	5151' 5408'	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4567' 5151'
Gallup Base Gallup	5408' 5710'		Oil, Gas Oil, Gas	Gallup Base Gallup	5408' 5710'

## 32. Additional remarks (include plugging procedure):

Set 19 external swellable casing packers for isolation of production string at the following depths: (1) 10,871' (2) 10,638' (3) 10,400' (4) 10,163' (5) 9925' (6) 9692' (7) 9460' (8) 9225' (9) 8990' (10) 8758' (11) 8524' (12) 8289' (13) 8051' (14) 7815' (15) 7582' (16) 7347' (17) 7115' (18) 6881' (19) 6649'

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☐ Sundry Notice for plugging and cement verification      ☐ Core Analysis      ☒ Other: Gamma Ray

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Name (please print) Cristi BauerTitle Operations TechnologistSignature Cristi BauerDate 9/10/14

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