

CONFIDENTIAL

Form 3160-5
(August 2007)

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

RCUD SEP 26 '14

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

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

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

OIL CONS. DIV.

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

9. API Well No.
30-043-21175

DIST. 3

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Correction to
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Completion Record

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.)

Attached is an amended copy of the Completion Record for the Lybrook M28-2306 02H correcting the Cement Top for the Intermediate Casing in box 23.

ACCEPTED FOR RECORD

SEP 25 2014

FARMINGTON FIELD OFFICE

BY: William Tamekou

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

Name (Printed/Typed)

Michelle Yazzie

Title Permit Technician

Signature

Michelle Yazzie

Date 09/23/2014

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)

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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

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 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.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 SUNDY

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 SUNDY

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)

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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

Kirtland Shale 1550', Fruitland Coal 1,731', Pictured Cliffs Ss. 1,880', Lewis Shale 2,130', Cliffhouse Ss. 2,244', Menefee Fn. 2,932', Point Lookout Ss. 3,690', Mancos Shale 4,390', Mancos Silt 4,568', Gallup Fn. 5,153', Base Gallup 5,413'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Nacimiento	0	Surface	Water	Nacimiento	0
Ojo Alamo	Surface	1,550		Ojo Alamo	Surface
Kirtland Shale	1,550	1,731	Gas	Kirtland Shale	1,550
Fruitland Coal	1,731	1,880	Water/Gas	Fruitland Coal	1,731
Pictured Cliffs Ss.	1,880	2,130	Oil/Gas	Pictured Cliffs Ss.	1,880
Lewis Shale	2,130	2,244		Lewis Shale	2,130
Cliffhouse Ss.	2,244	2,932	Oil/Gas	Cliffhouse Ss.	2,244
Menefee Fn.	2,932	3,690	Gas	Menefee Fn.	2,932
Point Lookout Ss.	3,690	4,390	Oil/Gas	Point Lookout Ss.	3,690
Mancos Shale	4,390	4,568	Oil/Gas	Mancos Shale	4,390
Mancos Silt	4,568	5,153	Oil/Gas	Mancos Silt	4,568
Gallup Fn.	5,153	5,413	Oil/Gas	Gallup Fn.	5,153
Base Gallup	5,413	5,717		Base Gallup	5,413
					5,717

32. Additional remarks (include plugging procedure):

Set 19 external swellable casing packers for isolation of production string at the following depths: (1) 10,178' (2) 9956' (3) 9741' (4) 9519' (5) 9298' (6) 9077' (7) 8853' (8) 8632' (9) 8413' (10) 8192' (11) 7971' (12) 7750' (13) 7528' (14) 7308' (15) 7045' (16) 6783' (17) 6520' (18) 6258' (19) 6036'.

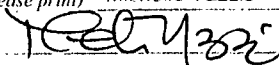
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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) Michelle Yazzie

Title Permit Technician

Signature 

Date 09/23/2014

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.

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

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Encana Oil & Gas (USA) Inc.

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

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

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

14. Date Spudded
07/09/2014

15. Date T.D. Reached
07/22/2014

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

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 02H

9. API Well No.
30-043-21175 - 0051

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

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

18. Total Depth: MD 10,445'
TVD 5599'

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

20. 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
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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)						
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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

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

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

SEP 17 2014

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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.

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Pictured Cliffs Ss.	1,880	2,130	Oil/Gas	Pictured Cliffs Ss.	1,880
Lewis Shale	2,130	2,244		Lewis Shale	2,130
Cliffhouse Ss.	2,244	2,932	Oil/Gas	Cliffhouse Ss.	2,244
Menefee Fn.	2,932	3,690	Gas	Menefee Fn.	2,932
Point Lookout Ss.	3,690	4,390	Oil/Gas	Point Lookout Ss.	3,690
Mancos Shale	4,390	4,568	Oil/Gas	Mancos Shale	4,390
Mancos Silt	4,568	5,153	Oil/Gas	Mancos Silt	4,568
Gallup Fn.	5,153	5,413	Oil/Gas	Gallup Fn.	5,153
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32. Additional remarks (include plugging procedure):

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- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
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- ☐ 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 Bauer

Title Operations Technician

Signature

CRISTI BAUER

Date

9/16/14

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(Continued on page 3)

(Form 3160-4, page 2)