

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

*Amended; Sec 28*

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

**RECEIVED**

**MAR 18 2014**

1a. Type of Well:  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Reserv.  
 Other: \_\_\_\_\_

2. Name of Operator: Encana Oil & Gas (USA) Inc.  
 5. Lease Serial No.: NMNM 118132  
 6. If Indian, Allottee or Tribe Name: N/A  
 7. Unit or CA Agreement Name and No.: Pending NMNM 131863

3. Address: 370 17th Street, Suite 1700, Denver, CO 80202  
 3a. Phone No. (include area code): 720-876-3941  
 8. Lease Name and Well No.: Lybrook I02-2308 02H  
 9. API Well No.: 30-045-35492 -00 S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface: 2266' FSL and 701' FEL Section 2, T23N, R8W  
 At top prod. interval reported below: 2256' FSL and 353' FWL Section 1, T23N, R8W  
 At total depth: 2249' FSL and 357' FEL Section 1, T23N, R8W  
 10. Field and Pool or Exploratory Basin: Mancos  
 11. Sec., T., R., M., on Block and Survey or Area: Section 2, T23N, R8W  
 12. County or Parish: San Juan  
 13. State: NM

14. Date Spudded: 01/13/2014  
 15. Date T.D. Reached: 01/23/2014  
 16. Date Completed: 02/24/2014  
 D & A  Ready to Prod.  
 17. Elevations (DF, RKB, RT, GL)\*: 6971' RKB

18. Total Depth: MD 10800' TVD 5473'  
 19. Plug Back T.D.: MD TVD  
 20. Depth Bridge Plug Set: MD 4992' TVD 4992'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): NONE  
 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	529'	N/A	256sk Type III	63	Surface (CIR)	N/A
8.75"	7"/J55	26	Surface	5930'	1898' TVD/MD	440sk Prem Lt	167	Surface (CIR)	N/A
"	"	"	"	"	"	228sk Type III	56	"	"
6.125"	4.5"/SB80	11.6	5729'	10798'	N/A	N/A	N/A	N/A	N/A

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8 / J55	5695'	Seat Nipple 5432'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	6213.98'	10,80.00'	6264'-10726'	.04"	684	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6264'-10726'	See completion sundry submitted 03/12/2014

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
02/27/14	02/27/14	24hrs	→	97	1700	581	Unknown	Unknown	Flowback
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64"	986	1296	→	97	1700	581	17,526 cuft/bbl	Flowing	

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**  
**MAR 19 2014**

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

**NMOCDA**

FARMINGTON FIELD OFFICE  
BY: *William Lamberton*

**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**

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
San Jose Nacimiento Fn.	surface 0'	0' 1161'		San Jose Nacimiento Fn.	surface 0'
Ojo Alamo Kirtland Shale	1161' 1315'	1315' 1559'	Water Gas	Ojo Alamo Kirtland Shale	1161' 1315'
Fruitland Coal Pictured Cliffs	1559' 1834'	1834' 1945'	Water, Gas Oil, Gas	Fruitland Coal Pictured Cliffs	1559' 1834'
Lewis Shale Cliffhouse Sandstone	1945' 3319'	3319' 3398'	Oil, Gas	Lewis Shale Cliffhouse Sandstone	1945' 3319'
Menefee Point Lookout	3398' 4194'	4194' 4426'	Gas Oil, Gas	Menefee Point Lookout	3398' 4194'
Mancos Shale Mancos Silt	4426' 4921'	4921' 5197'	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4426' 4921'
Gallup Base Gallup	5197' 5514'	5514'	Oil, Gas	Gallup Base Gallup	5197' 5514'

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

Set 19 external swellable casing packers for isolation of production string at the following depths: (1) 10585' (2) 10304' (3) 10085' (4) 9821' (5) 9599' (6) 9380' (7) 9114' (8) 8890' (9) 8629' (10) 8409' (11) 8146' (12) 7927' (13) 7665' (14) 7445' (15) 7184' (16) 6971' (17) 6710' (18) 6450' (19) 6214'.

**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) Vy Nguyen      Title Engineering Technologist  
 Signature       Date 03/17/2014

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG RECEIVED

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

MAR 14 2014

3. Lease Serial No.  
NMNM 118132

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

Farmington Field Office  
Bureau of Land Management

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

7. Unit or CA Agreement Name and No.  
Pending NMNM 131863

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

3a. Phone No. (include area code)  
720-876-3941

8. Lease Name and Well No.  
Lybrook 102-2308 02H

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface 2266' FSL and 701' FEL Section 2, T23N, R8W

9. API Well No.  
30-045-35492 - 0051

10. Field and Pool or Exploratory  
Basin Mancos

At top prod. interval reported below  
2256' FSL and 353' FWL Section 1, T23N, R8W

11. Sec., T., R., M., on Block and  
Survey or Area Section 2, T23N, R8W

At total depth 2249' FSL and 357' FEL Section 1, T23N, R8W

12. County or Parish  
San Juan

13. State  
NM

14. Date Spudded  
01/13/2014

15. Date T.D. Reached  
01/23/2014

16. Date Completed  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6971' RKB

18. Total Depth: MD 10800'  
TVD 5473'

19. Plug Back T.D.: MD  
TVD

20. Depth Bridge Plug Set: MD 4992'  
TVD 4992'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NONE

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	529'	N/A	256sk Type III	63	Surface (CIR)	N/A
8.75"	7"/J55	26	Surface	5930'	2898' TVD/MD	440sks Prem Lt	167	Surface (CIR)	N/A
"	"	"	"	"	"	228sks Type III	56	"	"
6.125"	4.5"/SB80	11.6	5729'	10798'	N/A	N/A	N/A	N/A	N/A

RCUM MAR 26 '14  
OIL CONC DIV

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8 / J55	5695'	5432'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	6213.98'	10,80.00'	6264'-10726'	.04"	684	
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
	Please see frac fluid supplied on completion sundry

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

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
			→						

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
			→						

ACCEPTED FOR RECORD

MAR 17 2014

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

NMOC

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
San Jose Nacimiento Fn.	surface 0'	0' 1161'		San Jose Nacimiento Fn.	surface 0'
Ojo Alamo Kirtland Shale	1161' 1315'	1315' 1559'	Water Gas	Ojo Alamo Kirtland Shale	1161' 1315'
Fruitland Coal Pictured Cliffs	1559' 1834'	1834' 1945'	Water, Gas Oil, Gas	Fruitland Coal Pictured Cliffs	1559' 1834'
Lewis Shale Cliffhouse Sandstone	1945' 3319'	3319' 3398'	Oil, Gas	Lewis Shale Cliffhouse Sandstone	1945' 3319'
Menefee Point Lookout	3398' 4194'	4194' 4426'	Gas Oil, Gas	Menefee Point Lookout	3398' 4194'
Mancos Shale Mancos Silt	4426' 4921'	4921' 5197'	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4426' 4921'
Gallup Base Gallup	5197' 5514'	5514'	Oil, Gas	Gallup Base Gallup	5197' 5514'

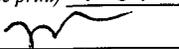
32. Additional remarks (include plugging procedure):

Set 19 external swellable casing packers for isolation of production string at the following depths: (1) 10585' (2) 10304' (3) 10085' (4) 9821' (5) 9599' (6) 9380' (7) 9114' (8) 8890' (9) 8629' (10) 8409' (11) 8146' (12) 7927' (13) 7665' (14) 7445' (15) 7184' (16) 6971' (17) 6710' (18) 6450' (19) 6214'.

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) Vy Nguyen      Title Engineering Technologist  
 Signature       Date 03/12/2014

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.