

RECEIVED

MAY 30 2017

Amended

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office
Bureau of Land Management1a. 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)
720-876-5331

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

At surface 1434' FSL, 766' FWL, Section 34, T23N R7W

2065' FSL, 355' FWL Section 34, T23N R7W

At top prod. interval reported below

At total depth 836' FSL, 941' FWL Section 28 T23N R7W

14. Date Spudded
02/24/201715. Date T.D. Reached
03/27/201716. Date Completed
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6895' GL18. Total Depth: MD 12,291'
TVD 5,133'19. Plug Back T.D.: MD 12,267' Float Collar
TVD 5,135' Float Collar20. Depth Bridge Plug Set: MD 5,372'
TVD 5,152'

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

N/A

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"/H40	32.3#	Surface	340'	N/A	185 Class V	40	Surface	N/A
8.75"	7"/J55	26#	Surface	5,323'	N/A	695 Ext Class G	241	Surface	N/A
8.75"	7"/J55	26#	Surface	5,323'	N/A	250 Ext Class G	58	Surface	N/A
6.125"	4.5"/P110	11.6#	5,106'	12,270'	N/A	675 Class G	152	5,106'	N/A

24. Tubing Record

Will be provided on subsequent 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	5,135' TVD	5,152' TVD	5,395' to 12,244' TMD	0.34"	690	Open
B)						
C)						
D)						

ACCEPTED FOR RECORD

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

Depth Interval	Amount and Type of Material
5,135' to 5,152' TVD	See sundry dated 05/11/2017 for detailed information
5,395' to 12,244' TMD	See sundry dated 05/11/2017 for detailed information

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FARMINGTON FIELD OFFICE
BY: _____

28. Production - Interval A Production details will be provided on Initial 24 Hour Test 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	
			→						

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

NMOCD

OIL CONS. DIV DIST. 3
OIL CONS. DIV DIST. 3

MAY 30 2017

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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.)

Used for fuel, vented and 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 972, Kirtland Shale 1157, Fruitland Coal 1377, Pictured Cliffs 1499, Lewis Shale 1622, Cliffhouse 2319, Menefee 3033, Point Lookout 3881 Mancos Shale 4088, Mancos Silt 4624, Gallup 4,884

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
San Jose Nacimiento Fn	Surface	Surface 972	Water, Gas Water, Gas	San Jose Nacimiento Fn	Surface
Ojo Alamo Kirtland Shale	972 1157	1167 1377	Water, Gas Water, Gas	Ojo Alamo Kirtland Shale	972 1157
Fruitland Coal Pictured Cliffs Ss	1377 1499	1499 1622	Water, Gas Water, Gas	Fruitland Coal Pictured Cliffs Ss	1377 1499
Lewis Shale Cliffhouse Ss	1622 2319	2319 3033	Water, Gas Water, Gas	Lewis Shale Cliffhouse Ss	1622 2319
Menefee Fn Point Lookout Ss	3033 3881	3881 4088	Water, Gas Water, Gas	Menefee Fn Point Lookout Ss	3033 3881
Mancos Shale Mancos Silt	4088 4624	4624 4884	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4088 4624
Gallup Base Gallup	4884 5230	5230	Oil, Gas Oil, Gas	Gallup Base Gallup	4884 5230

32. Additional remarks (include plugging procedure):

Encana will provide Tubing Record and production details on Initial 24 Hour Test Sundry on subsequent sundries.

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

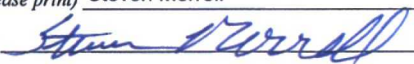
- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: As-Drilled NMOCD Form C-102

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) Steven Merrell

Title Field Operations Specialist

Signature



Date 05/26/2017

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.

(Continued on page 3)

(Form 3160-4, page 2)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 16 2017

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014WELL COMPLETION OR RECOMPLETION REPORT AND LOG
Armington Field Office
Bureau of Land Management

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM 6682																			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Reserv.		6. If Indian, Allottee or Tribe Name N/A																			
Other: _____		7. Unit or CA Agreement Name and No. NMNM 135229X																			
2. Name of Operator Encana Oil & Gas (USA) Inc.		8. Lease Name and Well No. North Alamito Unit 307H																			
3. Address 370 17th Street, Suite 1700, Denver CO 80202		9. API Well No. 30-043-21297																			
3a. Phone No. (include area code) 720-876-5331		10. Field and Pool or Exploratory Alamito Marcos N (OIL)																			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1434' FSL, 766' FWL, Section 34, T23N R7W At top prod. interval reported below 2065' FSL, 355' FWL Section 34, T23N R7W At total depth 836' FSL, 941' FWL Section 28 T23N R7W		11. Sec., T., R., M., on Block and Survey or Area Unit L, Section 34, T23N R7W																			
14. Date Spudded 02/24/2017		15. Date T.D. Reached 03/27/2017																			
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 6895' GL																			
18. Total Depth: MD 12,291' TVD 5,133'		19. Plug Back T.D.: MD 12,267' Float Collar TVD 5,135' Float Collar																			
20. Depth Bridge Plug Set: MD 5,372' TVD 5,152'		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) N/A																			
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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"/H40		32.3#		Surface		340'		N/A		185 Class V		40		Surface		N/A			
8.75"		7"/J55		26#		Surface		5,323'		N/A		695 Ext Class G		241		Surface		N/A			
8.75"		7"/J55		26#		Surface		5,323'		N/A		250 Ext Class G		58		Surface		N/A			
6.125"		4.5"/P110		11.6#		5,323'		12,270'		N/A		675 Class G		152		5,106'		N/A			
24. Tubing Record		Will be provided on subsequent 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		5,135' TVD		5,152' TVD	
26. Perforation Record		Perforated Interval		Size		No. Holes		Perf. Status		B)		C)		D)		ACCEPTED FOR RECORD		MAY 17 2017		ARMINGTON FIELD OFFICE	
27. Acid, Fracture, Treatment, Cement Squeeze, etc.		Depth Interval		Amount and Type of Material		5,135' to 5,152' TVD		See sundry dated 05/11/2017 for detailed information		5,395' to 12,244' TMD		See sundry dated 05/11/2017 for detailed information		28. Production - Interval A		Production details will be provided on Initial 24 Hour Test Sundry		Date First Produced		Test Date	
28. Production - Interval A		Hours Tested		Test Production		Oil BBL		Gas MCF		Water BBL		Oil Gravity Corr. API		Gas Gravity		Production Method		Choke Size		Tbg. Press. Flwg. SI	
28a. Production - Interval B		Hours Tested		Test Production		Oil BBL		Gas MCF		Water BBL		Oil Gravity Corr. API		Gas Gravity		Production Method		Choke Size		Tbg. Press. Flwg. SI	

*(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	
			→						

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Lewis Shale Cliffhouse Ss	1622 2319	2319 3033	Water, Gas Water, Gas	Lewis Shale Cliffhouse Ss	1622 2319
Menefee Fn Point Lookout Ss	3033 3881	3881 4088	Water, Gas Water, Gas	Menefee Fn Point Lookout Ss	3033 3881
Mancos Shale Mancos Silt	4088 4624	4624 4884	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4088 4624
Gallup Base Gallup	4884 5230	5230	Oil, Gas Oil, Gas	Gallup Base Gallup	4884 5230

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☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☒ Other: As-Drilled NMOCD Form C-102

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) Holly Hill

Title Senior Regulatory Analyst

Signature 

Date 05/11/2017

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