

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

OIL CONS. DIV DIST. 3

DEC 03 2014

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No.
NM167601a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.

DEC 02 2014

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 1453' FSL and 446' FWL, Section 18, T24N, R9W

At top prod. interval reported below 939' FSL and 388' FEL, Section 13, T24N, R10W

At total depth 878' FSL and 346' FWL, Section 13, T24N, R10W

14. Date Spudded
09/13/201415. Date T.D. Reached
09/21/201416. Date Completed 11/29/2014
☐ D & A ☒ Ready to Prod.18. Total Depth: MD 10,450'
TVD 5382'19. Plug Back T.D.: MD n/a
TVD n/a20. Depth Bridge Plug Set: MD 5000'
TVD 5000'

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	507'	n/a	247 Type III	54	Surface	n/a
8.75"	1"/J55	26#	Surface	5883'	n/a	549 PremLite	208	Surface	n/a
"	"	"	"	"	"	415 Type III	102	"	"
6.125"	4.5"/SB80	11.6#	5885'	10,450'	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)
2.875"/J55	5875'	Seat Nipple 5413'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	5973'	10,450'	6085' - 10,346'	0.44	468	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
6085' - 10,346'	Please see Completions Sundry dated 12/01/2014

Production details will be provided on First Production Sundry

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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

ACCEPTED FOR RECORD

DEC 02 2014

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

FARMINGTON FIELD OFFICE
BY: William Tambekou

NMOCD 14

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 961', Kirtland Shale 1,115', Fruitland Coal 1,427', Pictured Cliffs 1,749', Lewis Shale 1,875', Cliffhouse Sandstone 2,516', Menefee 3,284', Point Lookout 4,207', Mancos Shale 4,416', Mancos Silt 4,951', Gallup 5,216'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
San Jose Nacimiento Fn.	surface 0	0 961'	Water, Gas Water, Gas	San Jose Nacimiento Fn.	
Ojo Alamo Kirtland Shale	961' 1,115'	1,115' 1,427'	Water, Gas Water, Gas	Ojo Alamo Kirtland Shale	961' 1,115'
Fruitland Coal Pictured Cliffs	1,427' 1,749'	1,749' 1,875'	Water, Gas Oil, Gas	Fruitland Coal Pictured Cliffs	1,427' 1,749'
Lewis Shale Cliffhouse Sandstone	1,875' 2,516'	2,516' 3,284'	Oil, Gas Oil, Gas	Lewis Shale Cliffhouse Sandstone	1,875' 2,516'
Menefee Point Lookout	3,284' 4,207'	4,207' 4,416'	Oil, Gas Oil, Gas	Menefee Point Lookout	3,284' 4,207'
Mancos Shale Mancos Silt	4,416' 4,951'	4,951' 5,216'	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4,416' 4,951'
Gallup Base Gallup	5,216' 5,518'	5,518'	Oil, Gas Oil, Gas	Gallup Base Gallup	5,216' 5,518'

32. Additional remarks (include plugging procedure):

Set 13 external swellable casing packers for isolation of production string at the following depths: (1) 10,060' (2) 9757' (3) 9406' (4) 9092' (5) 8738' (6) 8421' (7) 8068' (8) 7754' (9) 7399' (10) 7041' (11) 6686' (12) 6325' (13) 5973'.

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) Cristl Bauer

Title Operations Technician

Signature

Cristl Bauer

Date

12/01/14

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.

(Continued on page 3)

(Form 3160-4, page 2)