

NOV 14 2014

Form 3160-4
(March 2012)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

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

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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 2369' FSL and 332' FWL, Section 27, T24N, R9W

At top prod. interval reported below 2412' FSL and 368' FEL, Section 28, T24N, R9W

At total depth 2404' FSL and 344' FWL, Section 28, T24N, R9W

14. Date Spudded
07/27/201415. Date T.D. Reached
08/04/201416. Date Completed 11/11/2014
☐ D & A ☒ Ready to Prod.5. Lease Serial No.
NMMN123746. If Indian, Allottee or Tribe Name
N/A7. Unit or CA Agreement Name and No.
N/A8. Lease Name and Well No.
Nageezi Unit L27-2409 02H9. API Well No.
30-045-35481 - 005110. Field and Pool or Exploratory
Nageezi Unit HZ (Oil)11. Sec., T., R., M., on Block and
Survey or Area
Section 27, T24N, R9W

12. County or Parish

13. State

San Juan

NM

18. Total Depth: MD 10,140'
TVD 5103'19. Plug Back T.D.: MD n/a
TVD n/a20. Depth Bridge Plug Set: MD 4736'
TVD 4736'

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	505'	n/a	247 Type III	51	Surface	n/a
8.75"	7"/J55	26#	Surface	5451'	n/a	540 PremLite	205	Surface	n/a
"	"	"	"	"	n/a	357 Type III	88	Surface	n/a
6.125"	4.5"/SB80	11.6"	4912'	10,139'	n/a	N/A	N/A	N/A	n/a

Tubing details will be provided on Tubing Sundry

24. Tubing Record

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	5580'	10,140'	5630'-10,036'	0.44	684	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5630'-10,036'	Please see Completions Sundry dated 11/12/2014

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	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

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

FARMINGTON FIELD OFFICE
BY: William Tambekou

NMOCDFV

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 882', Kirtland Shale 1,070', Fruitland Coal 1,280', Pictured Cliffs 1,640', Lewis Shale 1770', Cliffhouse Sandstone 2,430', Menefee 3,190', Point Lookout 4,090', Mancos Shale 4,250', Mancos Silt 4,820', Gallup 5,065', Base Gallup 5,380'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
San Jose Nacimiento Fn.	surface 0	0 882	Water, Gas Water, Gas	San Jose Nacimiento Fn.	surface 0
Ojo Alamo Kirtland Shale	882 1,070	1,070 1,280	Water, Gas Water, Gas	Ojo Alamo Kirtland Shale	882 1,070
Fruitland Coal Pictured Cliffs	1,280 1,640	1,640 1,770	Water, Gas Oil, Gas	Fruitland Coal Pictured Cliffs	1,280 1,640
Lewis Shale Cliffhouse Sandstone	1,770 2,430	2,430 3,190	Oil, Gas Oil, Gas	Lewis Shale Cliffhouse Sandstone	1,770 2,430
Menefee Point Lookout	3,190 4,090	4,090 4,250	Oil, Gas Oil, Gas	Menefee Point Lookout	3,190 4,090
Mancos Shale Mancos Silt	4,250 4,820	4,820 5,065	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4,250 4,820
Gallup Base Gallup	5,065 5,380	5,380	Oil, Gas Oil, Gas	Gallup Base Gallup	5,065 5,380

32. Additional remarks (include plugging procedure):

Set 19 external swellable casing packers for isolation of production string at the following depths: (1) 9873' (2) 9607' (3) 9382' (4) 9118' (5) 8898' (6) 8674' (7) 8412' (8) 8191' (9) 7970' (10) 7748' (11) 7521' (12) 7285' (13) 7047' (14) 6782' (15) 6549' (16) 6315' (17) 6042' (18) 5811' (19) 5580'.

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 Bauer

Title Operations Technician

Signature

Cristi Bauer

Date

11/12/14

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.

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