

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

5. Lease Serial No.
NM 510001a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,

Other: _____

2. Name of Operator
Encana Oil & Gas (USA) Inc3. Address 370 17th Street, Suite 1700
Denver, CO 80202

ATTN: ROBYNN HADEN

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

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

At surface 1985' FNL and 341' FEL Sec 31, T24N, R9W

1737' FNL and 847' FEL Sec 31, T24N, R9W

At top prod. interval reported below

At total depth 1744' FNL and 347' FWL Sec 31, T24N, R9W

14. Date Spudded
05/13/201315. Date T.D. Reached
06/02/201316. Date Completed 07/18/2013
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6846' RKB18. Total Depth: MD 9385'
TVD 4979'19. Plug Back T.D.: MD N/A
TVD N/A20. Depth Bridge Plug Set: MD 4591'
TVD 4591'21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NONE22. 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	509'	N/A	224sks Type III	55	Surface (CIR)	N/A
8.75"	7"/J55	26	Surface	5200'	1438' TVD/MD	441sks Prem Lt	167	Surface (CIR)	N/A
						197sks Type III	48	"	
6.125"	4.5"/SB80	11.6	5000'	9380'	N/A	N/A	N/A	N/A	N/A

RCVD AUG 29 '13

OIL CONS. DIV.

DIST 3

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	5272'	Seat nipple @4911'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	5,288'	9,385'	5411'-9406'			
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5411'-9406'	Please see attached Hydraulic Fracturing Fluid Product Component Information Disclosure

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
8/19/13	8/19/13	24 hrs	→	252	1458	12	unknown	unknown	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
22/64	638	903	→	252	1458	12	5785 cuft/bbl	Flowing back	

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

AUG 22 2013

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

NMOCDA

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

Fruitland Coal 1,119', Pictured Cliffs 1,361', Lewis Shale 1,535', Cliffhouse Sandstone 2,110', Menefee 2,806', Point Lookout 3,758', Mancos 3,930', Gallup 4,735'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Gallup	4735'	5074'		Gallup	4735'

32. Additional remarks (include plugging procedure):

*Set 12 external swellable casing packers for isolation of production string at the following depths: (1) 9,047 (2) 8,724 (3) 8,356 (4) 8,032 (5) 7,707 (6) 7,339 (7) 7,014 (8) 6,646 (9) 6,327 (10) 5,976 (11) 5,655 (12) 5,288.

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

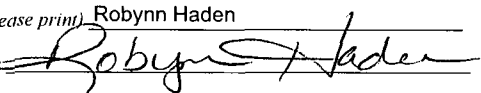
- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Hydraulic Fluid Disclosure, Lithology Record

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) Robynn Haden

Title Engineering Technologist

Signature



Date

8/2/13

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

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo 632'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 758'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 1,119'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 1,361'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 2,110'	T. Leadville
T. Queen	T. Silurian	T. Menefee 2,806'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 3,758'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 3,930'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 4,735'	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....4,735'.....to.....5,074'.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
0	758	758'	Tertiary non-marine clastics (Sandstone, Siltstone, Shale); braided/anastomosing fluvial, alluvial plain setting, volcanoclastic sediments				
758	1,361	603'	Cretaceous Coastal plain meandering fluvial sandstones, overbank floodplain mudstones, well developed coal (FRLD)				
1,361	2,806	1,445'	Regressive nearshore marine sandstone (PCCF), marine shale (Lewis SH), transgressive nearshore marine sandstone (CLCH/Chacra)				
2,806	3,758	952'	Coastal plain non-marine (Menefee) meandering fluvial sandstone, overbank floodplain mudstone (carbonaceous shale), minor coal				
3,758	3,930	172'	Regressive, progradational near-shore marine shoreface sandstone (PNLK)				
3,930	4,735	805'	Marine Shale/Siltstone (MNCS) and submarine sandstone (GLLP);				