

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		16. Date Completed 09/05/2013 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		5. Lease Serial No. NMNM 112955					
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. Resvr.,		Other: _____		6. If Indian, Allottee or Tribe Name					
2. Name of Operator Encana Oil & Gas (USA) Inc.		3a. Phone No. (include area code) 720-876-3437		7. Unit or CA Agreement Name and No. Report To Lease					
3. Address 370 17th Street, Suite 1700 Denver, CO 80202		9. API Well No. 30-045-35434 -0051		8. Lease Name and Well No. Escrito M07-2409 02H					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1017' FSL and 475' FWL Sec 7, T24N, R9W At top prod. interval reported below 431' FSL and 458' FEL Sec 12, T24N, R10W At total depth 385' FSL and 347' FWL Sec 12, T24N, R10W				10. Field and Pool or Exploratory Bisti Lower - Gallup					
14. Date Spudded 06/05/2013		15. Date T.D. Reached 06/16/2013		17. Elevations (DF, RKB, RT, GL)* 6910' GL					
18. Total Depth: MD 10573 TVD 5490		19. Plug Back T.D.: MD N/A TVD N/A		20. Depth Bridge Plug Set: MD 5496 TVD 5318					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE				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"/J55	36	0	516'	N/A	250sks Type III	61	Surface (CIR)	N/A
8.75"	7"/J55	26	0	5813'	1807'	425sks Prem Lt	161	Surface (CIR)	N/A
"	"	"	"	"	"	200sks Type III	49	Surface (CIR)	N/A
6.125"	4.5"/SB80	11.6	5611'	10571'	N/A	N/A*	N/A	N/A	N/A
						ROUND SEP 26 '13 OIL CONS. DIV. DIST. 2			
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	5897'	Nipple at 5567'							
25. Producing Intervals						26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Gallup	5918'	10,573'	6276'-10446'	0.4"	612	Open			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
6276'-10446'	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
09/04/13	09/09/13	24	→	257	1162	190	unknown	unknown	Flow back
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28/64	568	828	→	257	1162	190	4521 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	
			→						

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

ACCEPTED FOR RECORD

SEP 19 2013

NMOCDF

FARMINGTON FIELD OFFICE
BY William Tambakan

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 1511', Pictured Cliffs 1778', Lewis Shale 1932', Cliffhouse Sandstone 2586', Menefee 3306', Point Lookout 4233', Mancos 4445', Gallup 5226'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Gallup	5226'	5546'	Oil, Gas	Gallup	5223'

32. Additional remarks (include plugging procedure):

*Set 18 external swellable casing packers for isolation of production string at the following depths: (1) 10336' (2) 10074' (3) 9813' (4) 9552' (5) 9290' (6) 9029' (7) 8767' (8) 8505' (9) 8244' (10) 7982' (11) 7722' (12) 7463' (13) 7202' (14) 6942' (15) 6679' (16) 6419' (17) 6158' (18) 5918'.

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 Frac 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) Amanda Cavoto

Title Engineering Technologist

Signature

Date 9/18/13

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 948'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 1131'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 1511'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 1778'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 2586'	T. Leadville
T. Queen	T. Silurian	T. Menefee 3306'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 4233'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 4445'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 5226'	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.....5226'.....to.....5546'.....

No. 3, from.....to.....

No. 2, 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	1,131'	1131'	Tertiary non-marine clastics (Sandstone, Siltstone, Shale); braided/anastomosing fluvial, alluvial plain setting, volcanoclastic sediments				
1,131	1,778'	647'	Cretaceous Coastal plain meandering fluvial sandstones, overbank floodplain mudstones, well developed coal (FRLD)				
1,778	3,306'	1,528'	Regressive nearshore marine sandstone (PCCF), marine shale (Lewis SH), transgressive nearshore marine sandstone (CLCH/Chacra)				
3,306	4,233'	927'	Coastal plain non-marine (Menefee) meandering fluvial sandstone, overbank floodplain mudstone (carbonaceous shale), minor coal				
4,233	4,445'	212'	Regressive, progradational near-shore marine shoreface sandstone (PNLK)				
4,445	5,226'	781'	Marine Shale/Siltstone (MNCS) and submarine sandstone (GLLP);				