

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						5. Lease Serial No. NM 51000			
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 N/A			
2. Name of Operator Encana Oil & Gas (USA) Inc						7. Unit or CA Agreement Name and No. NMNM 130466			
3. Address 370 17th Street, Suite 1700 Denver, CO 80202						8. Lease Name and Well No. Escrito A31-2409 01H			
3a. Phone No. (include area code) 720-876-3437						9. API Well No. 30-045-35390 -0051			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 959' FNL and 300' FEL Sec 31, T24N, R9W At surface 490' FNL and 719' FEL Sec 31, T24N, R9W At top prod. interval reported below 504' FNL and 346' FWL Sec 31, T24N, R9W At total depth						10. Field and Pool or Exploratory Bisti - Lower Gallup			
						11. Sec., T., R., M., on Block and Survey or Area Sec 31, T24N, R9W			
						12. County or Parish San Juan		13. State NM	
14. Date Spudded 05/20/2013		15. Date T.D. Reached 06/02/2013		16. Date Completed 07/22/2013 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 6864' GL			
18. Total Depth: MD 9615' TVD 5037'		19. Plug Back T.D.: MD N/A TVD N/A		20. Depth Bridge Plug Set: MD 4910' TVD 4840'					
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	Surface	492'	N/A	224sk/Type III	55	Surface (Cir)	N/A
8.75"	7"/J55	26	Surface	5269'	1471'	400sk/Prem Lt	152	Surface (Cir)	N/A
"	"	"	"	"	"	200sk/Type III	49	"	"
6.125"	4.5"/SB80	11.6	5064'	9611'	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)	
2.75"/J55	5403'	Seat Nipple @4977'							
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Gallup		5,371'	9,615'	5435-9539'		0.4"	612	Open	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5435-9539'		Please see attached Hydraulic Fracturing Fluid 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 Flowing
8/16/13	8/16/13	24	→	110	1032	341	unknown	unknown	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status Flowing Back	
22/64	673	915	→	110	1032	341	9382 cuft/bbl		
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

AUG 22 2013

FARMINGTON FIELD OFFICE
BY William Tamberton

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

Fruitland Coal 1120', Pictured Cliffs 1394', Lewis Shale 1544', Cliffhouse Sandstone 2110', Menefee 2775', Point Lookout 3792', Mancos 3966', Gallup 4781'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Gallup	4781'	5115'	Oil, Gas	Gallup	4781'

32. Additional remarks (include plugging procedure):

*Set 17 external swellable casing packers for isolation of production string at the following depths: (1) 9,379 (2) 9,113 (3) 8,847 (4) 8,624 (5) 8,358 (6) 8,134 (7) 7,868 (8) 7,602 (9) 7,378 (10) 7,113 (11) 6,847 (12) 6,627 (13) 6,365 (14) 6,103 (15) 5,880 (16) 5,615 (17) 5,371.

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) Amanda CavotoTitle Engineering TechnologistSignature: *Amanda Cavoto*Date 8/20/13

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 652'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 790'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 1120'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 1394'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 2110'	T. Leadville
T. Queen	T. Silurian	T. Menefee 2775'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 3792'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 3966'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 4781'	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	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.....4781'.....to.....5115'.....
 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	790	790'	Tertiary non-marine clastics (Sandstone, Siltstone, Shale); braided/anastomosing fluvial, alluvial plain setting, volcanoclastic sediments				
790	1,394	604'	Cretaceous Coastal plain meandering fluvial sandstones, overbank floodplain mudstones, well developed coal (FRLD)				
1,394	2,775	1,381'	Regressive nearshore marine sandstone (PCCF), marine shale (Lewis SH), transgressive nearshore marine sandstone (CLCH/Chacra)				
2,775	3,792	1,017'	Coastal plain non-marine (Menefee) meandering fluvial sandstone, overbank floodplain mudstone (carbonaceous shale), minor coal				
3,792	3,966	174'	Regressive, progradational near-shore marine shoreface sandstone (PNLK)				
3,966	4,781	815'	Marine Shale/Siltstone (MNCS) and submarine sandstone (GLLP);				