

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUL 24 2013

CONFIDENTIAL

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

Bureau of Land Management

a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Reserv.,  
 Other: \_\_\_\_\_

5. Lease Serial No.  
V07843 and NM 29560

6. If Indian, Allottee or Tribe Name  
N/A

7. Unit or CA Agreement Name and No.  
Need CA

2. Name of Operator  
Encana Oil & Gas (USA) Inc.

8. Lease Name and Well No.  
Lybrook I02-2308 01H

3. Address 370 17th Street, Suite 1700  
Denver, CO 80202

3a. Phone No. (include area code)  
720-876-3437

9. API Well No.  
30-045-35365 - 0051

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
2301' FSL and 724' FEL Sec 2, T23N, R8W  
At surface

10. Field and Pool or Exploratory  
Nageezi Gallup/Basin Mancos Gas

2303' FSL and 1268' FEL Sec 2, T23N, R8W  
At top prod. interval reported below

11. Sec., T., R., M., on Block and  
Survey or Area Section 2, T23N, R8W NMPM

2281' FSL and 346' FWL Sec 2, T23N, R8W  
At total depth

12. County or Parish  
San Juan

13. State  
NM

14. Date Spudded  
05/11/2013

15. Date T.D. Reached  
05/21/2013

16. Date Completed 07/05/2013  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6987' KB

18. Total Depth: MD 9415'  
TVD 5446'

19. Plug Back T.D.: MD N/A  
TVD N/A

20. Depth Bridge Plug Set: MD 5200'  
TVD 5181'

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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25"	9.625"/J55	36	Surface	519'	N/A	270sk Type III	66	Surface (Cir)	N/A
8.75"	7"/J55	26	Surface	5632'	1891'	425sk Prem Lite	161	Surface (Cir)	N/A
"	"	"	"	"	"	231sk Type III	57	"	"
6.125"	4.5"/SB80	11.6	5437'	9413'	N/A	*N/A	N/A	N/A	N/A

RCVD AUG 1 '13  
OIL CONS. DIV.

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"	5675	SN @ 5373'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	5748'	9415'	5827'-9333'	0.38"	540	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5827'-9333'	Please see attached Hydraulic Fracturing Fluid Product Component 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
7/13/13	7/14/13	24	→	435	923	477	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	
28	727	1030	→	435	923	477	2122	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

JUL 25 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 1561', Pictured Cliffs 1836', Lewis Shale 1947', Cliffhouse Sandstone 3321', Menefee 3400', Point Lookout 4196', Mancos 4428', Gallup 5219'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Gallup	5,219'	5,516'	Oil, Gas	Gallup	5,219'

32. Additional remarks (include plugging procedure):

\*Set 15 external swellable casing packers for isolation of production string at the following depths: (1) 9175' (2) 8910' (3) 8686' (4) 8421' (5) 8156' (6) 7931' (7) 7665' (8) 7401' (9) 7176' (10) 6910' (11) 6686' (12) 6461' (13) 6245' (14) 6016' (15) 5748'.

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: Lithology Record, Hydraulic Frac Fluid Disclosure

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 *Amanda Cavoto*      Date 7/18/13

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 1163'	T. Penn A"
T. Salt	T. Strawn	T. Kirtland 1317'	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland 1561'	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs 1836'	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House 3321'	T. Leadville
T. Queen	T. Silurian	T. Menefee 3398'	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout 4196'	T. Elbert
T. San Andres	T. Simpson	T. Mancos 4923'	T. McCracken
T. Glorieta	T. McKee	T. Gallup 5219'	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.....5219'.....to.....5516'.....  
 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	1,317	1,317'	Tertiary non-marine clastics (Sandstone, Siltstone, Shale); braided/anastomosing fluvial, alluvial plain setting, volcanoclastic sediments				
1,317	1,836	519'	Cretaceous Coastal plain meandering fluvial sandstones, overbank floodplain mudstones, well developed coal (FRLD)				
1,836	3,400	1,564'	Regressive nearshore marine sandstone (PCCF), marine shale (Lewis SH), transgressive nearshore marine sandstone (CLCH/Chacra)				
3,400	4,196	796'	Coastal plain non-marine (Menfee) meandering fluvial sandstone, overbank floodplain mudstone (carbonaceous shale), minor coal				
4,196	4,428	232'	Regressive, progradational near-shore marine shoreface sandstone (PNLK)				
4,428	5,219	791'	Marine Shale/Siltstone (MNCS) and submarine sandstone (GLLP);				