

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

RECEIVED

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		1b. 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.		MAR 18 2014		5. Lease Serial No. NMNM 118132			
2. Name of Operator Encana Oil & Gas (USA) Inc.						6. If Indian, Allottee or Tribe Name N/A			
3. Address 370 17th Street, Suite 1700 Denver, CO 80202						7. Unit or CA Agreement Name and No. Pending NMNM 131863			
3a. Phone No. (include area code) 720-876-3941						8. Lease Name and Well No. Lybrook 102-2308 02H			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 2266' FSL and 701' FEL Section 2, T23N, R8W At top prod. interval reported below 2256' FSL and 353' FWL Section 1, T23N, R8W At total depth 2249' FSL and 357' FEL Section 1, T23N, R8W						9. API Well No. 30-045-35492 -00 S1			
10. Field and Pool or Exploratory Basin Mancos						11. Sec., T., R., M., on Block and Survey or Area Section 2, T23N, R8W			
12. County or Parish San Juan						13. State NM			
14. Date Spudded 01/13/2014		15. Date T.D. Reached 01/23/2014		16. Date Completed 02/24/2014 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 6971' RKB			
18. Total Depth: MD 10800' TVD 5473'		19. Plug Back T.D.: MD TVD		20. Depth Bridge Plug Set: MD 4992' TVD 4992'		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)			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE									
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	529'	N/A	256sks Type III	63	Surface (CIR)	N/A
8.75"	7"/J55	26	Surface	5930'	1898' TVD/MD	440sks Prem Lt	167	Surface (CIR)	N/A
"	"	"	"	"	"	228sks Type III	56	"	"
6.125"	4.5"/SB80	11.6	5729'	10798'	N/A	N/A	N/A	N/A	N/A
24. Tubing Record								RCUD MAR 26 '14 OIL CONS. DIV. DIST. 2	
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 7/8 / J55	5695'	Seat Nipple 5432'							
25. Producing Intervals				26. Perforation Record					
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Gallup		6213.98'	10,80.00'	6264'-10726'		.04"	684		
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval				Amount and Type of Material					
6264'-10726'				See completion sundry submitted 03/12/2014					
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
02/27/14	02/27/14	24hrs	→	97	1700	581	Unknown	Unknown	Flowback
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64"	986	1296	→	97	1700	581	17,526 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)

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MAR 19 2014

FARMINGTON FIELD OFFICE  
BY: William Tamberton

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
San Jose Nacimiento Fn.	surface 0'	0' 1161'		San Jose Nacimiento Fn.	surface 0'
Ojo Alamo Kirtland Shale	1161' 1315'	1315' 1559'	Water Gas	Ojo Alamo Kirtland Shale	1161' 1315'
Fruitland Coal Pictured Cliffs	1559' 1834'	1834' 1945'	Water, Gas Oil, Gas	Fruitland Coal Pictured Cliffs	1559' 1834'
Lewis Shale Cliffhouse Sandstone	1945' 3319'	3319' 3398'	Oil, Gas	Lewis Shale Cliffhouse Sandstone	1945' 3319'
Menefee Point Lookout	3398' 4194'	4194' 4426'	Gas Oil, Gas	Menefee Point Lookout	3398' 4194'
Mancos Shale Mancos Silt	4426' 4921'	4921' 5197'	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4426' 4921'
Gallup Base Gallup	5197' 5514'	5514'	Oil, Gas	Gallup Base Gallup	5197' 5514'

32. Additional remarks (include plugging procedure):

Set 19 external swellable casing packers for isolation of production string at the following depths: (1) 10585' (2) 10304' (3) 10085' (4) 9821' (5) 9599' (6) 9380' (7) 9114' (8) 8890' (9) 8629' (10) 8409' (11) 8146' (12) 7927' (13) 7665' (14) 7445' (15) 7184' (16) 6971' (17) 6710' (18) 6450' (19) 6214'.

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) Vy Nguyen

Title Engineering Technologist

Signature 

Date 03/17/2014

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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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. Resrv.		3a. Phone No. (include area code) 720-876-3941		18. Total Depth: MD 10800' TVD 5473'							
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6.125"	4.5"/SB80	11.6	5729'	10798'	N/A	N/A	N/A	N/A	N/A		
24. Tubing Record						25. Producing Intervals				26. Perforation Record	
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8 / J55	5695'	5432'									
25. Producing Intervals			26. Perforation Record			27. Acid, Fracture, Treatment, Cement Squeeze, etc.			28. Production - Interval A		
Formation			Top			Bottom			Perforated Interval		
A) Gallup			6213.98'			10,80.00'			6264'-10726'		
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.			Depth Interval			Amount and Type of Material			28. Production - Interval A		
						Please see frac fluid supplied on completion sundry			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		

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

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MAR 17 2014

FARMINGTON FIELD OFFICE  
BY: William Tambekou

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## 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	

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Lewis Shale Cliffhouse Sandstone	1945' 3319'	3319' 3398'	Oil, Gas	Lewis Shale Cliffhouse Sandstone	1945' 3319'
Menefee Point Lookout	3398' 4194'	4194' 4426'	Gas Oil, Gas	Menefee Point Lookout	3398' 4194'
Mancos Shale Mancos Silt	4426' 4921'	4921' 5197'	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4426' 4921'
Gallup Base Gallup	5197' 5514'	5514'	Oil, Gas	Gallup Base Gallup	5197' 5514'

## 32. Additional remarks (include plugging procedure):

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Signature 

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