

CONFIDENTIAL  
RECEIVED  
RT AND LOG

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Other:

At surface

356' FNL and 1309' FWL. Sec 34, T23N, R6W

At top prod. interval reported below

At total depth 359' FSL and 324' FWL, Sec 35, T23N, R6W

11. Sec., T., R., M., on Block and  
Survey or Area Sec 27, T23N, R6W

12. County or Parish	13. State
Sandoval	NM

14. Date Spudded 11/22/2013	15. Date T.D. Reached 12/03/2013	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.
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17. Elevations (DF, RKB, RT, GL)\*  
7132' RKB

18. Total Depth: MD 13271' TVD 5570'	19. Plug Back T.D.: MD TVD
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20. Depth Bridge Plug Set:	MD 5020'
	TVD 5020'

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

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)

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25"	9.625"/J55	36	Surface	519'	N/A	185skts Type III	46	Surface (CIR)	N/A
8.75"	7"/J55	26	Surface	5869'	2282' TV/MD	541skts prem It	203	Surface (CIR)	N/A
"	"	"	"	"	"	223skts Type III	55	"	"
6.125"	4.5"/SB80	11.6	5669'	13266'	N/A	N/A	N/A	N/A	N/A
								RCD MAR 24-14 OIL CUN. DIV.	

RODNEY D. DAVIS  
JAN 11 1992

## 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 7/8 / J55	5938'	Seat Nipple 5477'						

## 25. Producing Intervals

26.	Perforation Record
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Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	5906.38	13,270.00	7067'-13225'	.04"	684	
B)						
C)						
D)						

27. Acid Fracture Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
	Please see frac fluid supplied in completion sundry

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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
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	ACCEPTED FOR RECORD
			➔						MAR 10 1964

ACCEPTED FOR RECORD

~~MAR 18 2014~~

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

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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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
San Jose Nacimiento Fn.	surface 145'	0' 1500'		San Jose Nacimiento Fn.	surface 145'
Ojo Alamo Kirtland Shale	1500' 1697'	1697' 1871'		Ojo Alamo Kirtland Shale	1500' 1697'
Fruitland Coal Pictured Cliffs	1871' 2110'	2110' 2216'	Water, Gas Oil, Gas	Fruitland Coal Pictured Cliffs	1871' 2110'
Lewis Shale Cliffhouse Sandstone	2216' 2878'	2878' 3625'	Oil, Gas	Lewis Shale Cliffhouse Sandstone	2216' 2878'
Menefee Point Lookout	3625' 4331'	4331' 4495'	Oil, Gas Oil, Gas	Menefee Point Lookout	3625' 4331'
Mancos Shale Mancos Silt	4495' 5087'	5087' 5355'	Oil, Gas Oil, Gas	Mancos Shale Mancos Silt	4495' 5087'
Gallup Base Gallup	5355' 5665'	5665'	Oil, Gas Oil, Gas	Gallup Base Gallup	5355' 5665'

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

Set 27 external swellable casing packers for isolation of production string at the following depths: (1) 13,035' (2) 12,775' (3) 12,553' (4) 12,330' (5) 12,066' (6) 11,848' (7) 11,588' (8) 11,366' (9) 11,105' (10) 10,886' (11) 10,627' (12) 10,401' (13) 10,141' (14) 9834' (15) 9523' (16) 9173' (17) 8865' (18) 8515' (19) 8210' (20) 7869' (21) 7569' (22) 7228' (23) 7006' (24) 6973' (25) 6631' (26) 6290' (27) 5906'

## 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 NguyenTitle Engineering TechnologistSignature Date 03/11/2014

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 04 2014

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

Lease Serial No.

NMNM118128

- a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other: \_\_\_\_\_

2. Name of Operator  
Encana Oil & Gas (USA) Inc.3. Address 370 17th Street, Suite 1700  
Denver, CO 802023a. Phone No. (include area code)  
7208763941

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

At surface 990' FSL and 186' FWL Section 27, T23N, R6W

At top prod. interval reported below  
356' FNL and 1309' FWL Section 34, T23N, R6W

At total depth 359' FSL and 324' FWL Section 35, T23N, R6W

14. Date Spudded  
11/22/201315. Date T.D. Reached  
12/03/201316. Date Completed  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
7132' RKB18. Total Depth: MD 13271'  
TVD 5570'19. Plug Back T.D.: MD  
TVD20. Depth Bridge Plug Set: MD 5020'  
TVD 5020'21. 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	519'	N/A	185sks Type III	46	Surface (CIR)	N/A
8.75"	7"/J55	26	Surface	5869'	2282' TVD/MD	541sks Prem Lt	203	Surface (CIR)	N/A
"	"	"	"	"	"	223sks Type III	55	"	"
6.125"	4.5"/SB80	11.6	5669'	13266'	N/A	N/A	N/A	N/A	N/A

## 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 7/8 / J55	5938'	Seat Nipple 5477'						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Gallup	5906.38	13,270.00	7067'-13225'	.4"	684	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
	Please see frac fluid supplied in completion sundry

OIL CONS. DIV DIST. 3

MAR 14 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
			→						
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	
			→						

ACCEPTED FOR RECORD

MAR 14 2014

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

NMOC

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.)

## 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 1871', Pictured Cliffs 2110', Lewis Shale 2216', Cliffhouse Sandstone 2878', Menefee 3625', Point Lookout 4331', Mancos 5087', Gallup 5355'

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Gallup	5355'	5665'		Gallup	5355'

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

Set 27 external swellable casing packers for isolation of production string at the following depths: (1) 13,035' (2) 12,775' (3) 12,553' (4) 12,330' (5) 12,066' (6) 11,848' (7) 11,588' (8) 11,366' (9) 11,105' (10) 10,886' (11) 10,627' (12) 10,401' (13) 10,141' (14) 9834' (15) 9523' (16) 9173' (17) 8865' (18) 8515' (19) 8210' (20) 7869' (21) 7569' (22) 7228' (23) 7006' (24) 6973' (25) 6631' (26) 6290' (27) 5906'

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 ☐ Core Analysis     
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Name (please print) Vy NguyenTitle Engineering TechnologistSignature Date 03/03/2014

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