

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

SF-078487-C

1a. 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

Burlington Resources Oil &amp; Gas Company

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)  
(505) 326-9700

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

At surface UNIT A (NENE) 999' FNL &amp; 699' FEL

At top prod. Interval reported below UNIT H (SENE) 1957' FNL &amp; 705' FEL

At total depth UNIT H (SENE) 1957' FNL &amp; 705' FEL

14. Date Spudded

11/14/2014

15. Date T.D. Reached

11/29/2014

16. Date Completed

1/14/2015-GRU

☐ D & A ☒ Ready to Prod.

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

GL - 6284'; KB - 6301'

18. Total Depth:

MD-7680' / TVD-7520'

19. Plug Back T.D.:

MD-7675' / TVD-7515'

20. Depth Bridge Plug Set:

MD

TVD

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

GR/CCL/CBL

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 Cementer Depth	No. of Sk. & Type of Cement	Shut Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9-5/8" H-40	32.3#	0	228'	n/a	131 Type I-II	36	0	0 bbls
8-3/4"	7" J-55	23#	0	3852'	n/a	533 sx Prem Lite	193	0	21 bbls
6-1/4"	4-1/2" L-80	11.6#	0	7676'	n/a	280 sx Prem Lite	100	3600'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	7591'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pt. Lookout	5326'	5456'	5326' - 5456'	.34"	25	open
B) Menefee	5026'	5234'	5026' - 5234'	.34"	25	open
C) Cliffhouse	4754'	4911'	4754' - 4911'	.34"	25	open
D) LEWIS	4136'	4530'	4136' - 4530'	.34"	25	open
D)			Total MV holes		100	

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

Depth Interval	Amount and Type of Material
5326' - 5456'	Acid - 10 bbls 15% HCL; Frac-929 bbls 70Q N2 foam w/101,392# 20/40 AZ sand & 1339 mscf N2
5026' - 5234'	Acid - 10 bbls 15% HCL; Frac- 755 bbls 70 Q N2 foam w/49,500# 20/40 AZ sand & 967 mscf N2
4754' - 4911'	Acid - 10 bbls 15% HCL; Frac- 923 bbls 70 Q N2 foam w/86,400# 20/40 AZ sand & 1175 mscf N2
4136' - 4530'	Acid - 10 bbls 15% HCL; Frac- 614 bbls 70 Q N2 foam w/51,340# 20/40 AZ sand & 970 mscf N2

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
GRC 1/14/2015	1/19/2015	1	→	trace	13	Trace			flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI 487	419	→	Trace	315	10			

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→						

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

FARMINGTON FIELD OFFICE

BY: William Tambekou

NMOCDN

ACCEPTED FOR RECORD  
FEB 02 2015

## 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.)

sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, 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
Ojo Alamo	1919	2107	White, cr-gr ss	Ojo Alamo	1919
Kirtland	2108	2786	Gry sh interbedded w/tight, gry, fine-gr ss. Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Kirtland	2108
Fruitland	2787	3113	Bn-Gry, fine gm, tight ss.	Fruitland	2787
Pictured Cliffs	3114	3238	Shale w/ siltstone stringers	Pictured Cliffs	3114
Lewis	3239	3881	White, waxy chalky bentonite	Lewis	3239
Huerfanito Bentonite	3882	4105		Huerfanito Bentonite	3882
Chacra	4106	4642	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4106
Mesa Verde	4643	4912	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4643
Menefee	4913	5315	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4913
Point Lookout	5316	5691	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5316
Mancos	5692	6582	Dark gry carb sh.	Mancos	5692
Gallup	6583	7332	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6583
Greenhorn	7333	7380	Highly calc gry sh w/ thin lmst.	Greenhorn	7333
Graneros	7381	7423	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7381
Dakota	7424	7680	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7424
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss	Morrison	0

32. Additional remarks (include plugging procedure):

This is a commingled MV/DK well being commingled per DHC 3894AZ

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) Denise Journey Title Staff Regulatory Technician

Signature Denise Journey Date 1/21/2015

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.