

MAR 12 2015

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 09 2015

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010NMOC COMPLETION OR RECOMPLETION REPORT AND LOG  
AMENDED TOP SECTION PG 2

5. Lease, Serial No.

SF-078502-A

1a. Type of Well ☒ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other:

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

ROELOFS A 2B

3. Address  
PO Box 4289, Farmington, NM 874993a. Phone No. (include area code)  
(505) 326-9700

9. API Well No.

30-045-35193

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

At surface UNIT D (NWNW), 845' FNL &amp; 1129' FWL, Sec. 14, T29N, R8W

At top prod. Interval reported below UNIT D (NWNW), 714' FNL &amp; 1248' FWL

At total depth UNIT D (NWNW), 714' FNL &amp; 1248' FWL

10. Field and Pool or Exploratory

Blanco MV

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

Sec. 14, T29N, R8W

12. County or Parish

San Juan

13. State

NM

14. Date Spudded

12/15/2014

15. Date T.D. Reached

1/10/2015

16. Date Completed

2/12/15-GRS

☐ D & A☒ Ready to Prod.

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

GL - 6347'; KB - 6364'

18. Total Depth:

MD-5707' / TVD-5694'

19. Plug Back T.D.:

MD-5695' / TVD-5682'

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9-5/8" H-40	32.3#	0	231'	n/a	110 Type I-II	30	0	0 bbls
8-3/4"	7" J-55	23#	0	3374'	n/a	948 sx Prem Lite	328	650'	0
6-1/4"	4-1/2" J-55	11.6#	0	5697'	n/a	193 sx Prem Lite	69	2530'	

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"	5422"							



25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pt. Lookout	5256'	5594'	5256' - 5594'	.34"	25	open
B) Menefee	4892'	5190'	4892' - 5190'	.34"	24	open
C) Cliffhouse	4590'	4846'	4590' - 4846'	.34"	25	open
D)				.34"		open
D)			Total MV holes		74	

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

Depth Interval	Amount and Type of Material
5256' - 5594'	Acid-10 bbls 15% HCL; Frac-925 bbls 70Q N2 foam w/103,333# 20/40 AZ Sand; 1,385 mscf N2
4892' - 5190'	Acid-10 bbls 15% HCL; Frac-770 bbls 70Q N2 foam w/ 52,356# 20/40 AZ sand; 1,002 mscf N2
4590' - 4846'	Acid-10 bbls 15% HCL; Frac-952 bbls 70Q N2 foam w/94,351# 20/40 AZ Sand; 1,161 mscf N2

28. Production - Interval A

Date First Produced <b>GRC</b> <b>2/12/2015</b>	Test Date <b>2/17/2015</b>	Hours Tested <b>1</b>	Test Production 	Oil BBL <b>trace</b>	Gas MCF <b>21</b>	Water BBL <b>1</b>	Oil Gravity Corr. API	Gas Gravity	Production Method <b>flowing</b>
Choke Size <b>1/2"</b>	Tbg. Press. Flwg. <b>SI 236</b>	Csg. Press. <b>247</b>	24 Hr. Rate 	Oil BBL <b>1</b>	Gas MCF <b>500</b>	Water BBL <b>35</b>	Gas/Oil Ratio	Well Status	<b>SI</b>

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	

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

NMOCDAV

FARMINGTON FIELD OFFICE  
William Tambekou

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PC

## 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	2013	2185	White, cr-gr ss	Ojo Alamo	2013
Kirtland	2186	2805	Gry sh interbedded w/tight, gry, fine-gr ss. Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Kirtland	2186
Fruitland	2806	3071		Fruitland	2806
Pictured Cliffs	3072	3190	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3072
Lewis	3191	4034	Shale w/ siltstone stringers	Lewis	3191
Chacra	4035	4579	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4035
Mesa Verde	4580	4847	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4580
Menefee	4848	5245	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4848
Point Lookout	5246	5707	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5246

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

This is a MV Standalone Well

## 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) Densie Journey Title Staff Regulatory Technician

Signature Densie Journey Date 3/6/15

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.

(Continued on page 3)

(Form 3160-4, page 2)

PC

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

RECEIVED

FEB 27 2015

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SF-078502-A

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b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other:

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

ROELOFS A 2B

2. Name of Operator

Burlington Resources Oil & Gas Company

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-9700

9. API Well No.

30-045-35193 -0A5j

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20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & 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	Slurry Vol. (BBL)	Cement top*	Amount Pulled
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24. Tubing Record

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D)			Total MV holes		74	

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

Depth Interval	Amount and Type of Material
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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
GRC 2/12/2015	2/17/2015	1	→	trace	21	1			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 236	247	→	1	500	35		SI	

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
			→						ACCEPTED FOR RECORD
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)

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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.)

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

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Kirtland	2186	2805	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2186
Fruitland	2806	3071	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2806
Pictured Cliffs	3072	3190	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3072
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Chacra	4035	4579	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4035
Mesa Verde	4580	4847	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4580
Menefee	4848	5245	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4848
Point Lookout	5246	5627	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5246
Mancos	5268	5707	Dark gry carb sh.	Mancos	5268
Gallup			Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	
Greenhorn			Highly calc gry sh w/ thin lmst.	Greenhorn	
Graneros			Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota			Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss	Morrison	0

32. Additional remarks (include plugging procedure):

This is a MV Standalone Well

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)

Densie Journey

Title

Staff Regulatory Technician

Signature

Densie Journey

Date

2/20/2015

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.

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