

RCVD FEB 6 '14  
OIL CONS. DIV.  
DIST. 3

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FEB 04 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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. Resrv.		5. Lease Serial No. <b>NM-02491</b>						
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>				6. If Indian, Allottee or Tribe Name						
3. Address <b>PO Box 4289, Farmington, NM 87499</b>				7. Unit or CA Agreement Name and No.						
3a. Phone No. (include area code) <b>(505) 326-9700</b>				8. Lease Name and Well No. <b>FEDERAL A 1M</b>						
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT G (SWNE) 1555' FNL &amp; 1845' FEL</b>  At top prod. Interval reported below <b>SAME AS ABOVE</b>  At total depth <b>SAME AS ABOVE</b>				9. API Well No. <b>30-045-30910 C0 C1</b>						
14. Date Spudded <b>6/14/2004</b>				15. Date T.D. Reached <b>2/3/2005</b>						
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>12/31/13 GRS</b>				10. Field and Pool or Exploratory <b>BASIN DAKOTA</b>						
18. Total Depth: MD <b>6973'</b> TVD				11. Sec., T., R., M., on Block and Survey <b>SURFACE: SEC: 27, T30N, R11W</b>						
19. Plug Back T.D.: MD <b>6928'</b> TVD				12. County or Parish <b>San Juan</b>						
20. Depth Bridge Plug Set: MD TVD				13. State <b>New Mexico</b>						
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR/CCL/CBL</b>				17. Elevations (DF, RKB, RT, GL)* <b>5951' GL; 5961' KB</b>						
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 checked="" type="checkbox"/> No <input type="checkbox"/> 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 1/4"	9 5/8" / H-40	32.3#	0	228'	n/a	75 sx - Premium Lite	22 bbls	Surface	1 bbl	
8 3/4"	7" / J-55	20#	0	4217'		445 sx - Premium Lite	165 bbls	Surface	63 bbls	
6 1/4"	4 1/2" / J-55	10.5#	0	6967'	n/a	485 sx - Premium Lite	140 bbls	2250'	n/a	
						Includes squeezes				
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", 4.7#, J-55	6870'	n/a								
25. Producing Intervals						26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status				
A) Dakota	6812	6922	2 spf	.34"	40	open				
B) Dakota	6754	6796	1 spf	.34"	10	open				
C)										
D) total holes					50					
27. Acid, Fracture, Treatment, Cement Squeeze, etc.										
Depth Interval		Amount and Type of Material								
6754' - 6922'		Acidized w/10 bbls 15% HCL; Frac'd w/2521 bbl SlickWater Foam w/40,000# 20/40 Brady Sand								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
12/31/13 GRS	1/17/2014	1hr.	→	trace	24 mcf/dh	1 bwph			FLOWING	
Choke Size	1bg. Press. PIwg.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
1/2"	SI - 658#	700#	→	trace	588 mcf/d	31.5 bwph		SHUT IN		
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	1bg. Press. PIwg.	Csg. Press. SI	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)

ACCEPTED FOR RECORD

FEB 04 2014

NMOCDA

FARMINGTON FIELD OFFICE  
BY: Jim

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.)

## TO BE 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	1004	1103	White, cr-gr ss	Ojo Alamo	1004	
Kirtland	1103	2000	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	1103	
Fruitland	2000	2347	Bn-Gry, fine gm, tight ss.	Fruitland	2000	
Pictured Cliffs	2347	2498	Shale w/ siltstone stringers	Pictured Cliffs	2347	
Lewis	2498	3347	White, waxy chalky bentonite	Lewis	2498	
Huerfano Bentonite	3080	3900	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Huerfano Bentonite	3080	
Chacra	3347	3900	Light gry, med-fine gr ss, carb sh & coal	Chacra	3347	
Mesa Verde	3900	4057	Med-dark gry, fine gr ss, carb sh & coal	Mesa Verde	3900	
Menefee	4057	4649	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Menefee	4057	
Point Lookout	4649	5008	Dark gry carb sh.	Point Lookout	4649	
Mancos	5008	5871	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Mancos	5008	
Gallup	5871	6632	Highly calc gry sh w/ thin lmst.	Gallup	5871	
Greenhorn	6632	6688	Dk gry shale, fossil & carb w/ pyrite incl.	Greenhorn	6632	
Graneros	6688	6751	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Graneros	6688	
Dakota	6751		Interbed gm, brn & red waxy sh & fine to coard gm ss	Dakota	6751	

32. Additional remarks (include plugging procedure):

**This is a MV/DK well being commingled per DHC 3848AZ**

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)\*

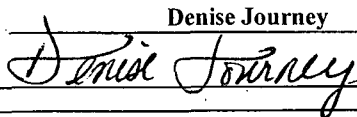
Name (please print)

Denise Journey

Title

Regulatory Technician

Signature



Date

1/20/2014

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.

(Continued on page 3)

(Form 3160-4, page 2)

AMENDED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 27 2014

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5. Lease Serial No.

NM-02491

1a. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐ Plug Back ☐ Diff. Resvr.,  
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.

2. Name of Operator

Burlington Resources Oil &amp; Gas Company

8. Lease Name and Well No.

FEDERAL A 1M

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-9700

9. API Well No.

30-045-30910

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

At surface

UNIT G (SWNE) 1555' FNL &amp; 1845' FEL

10. Field and Pool or Exploratory

BLANCO MESAVERDE

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

SURFACE: SEC: 27, T30N, R11W

At top prod. Interval reported below

SAME AS ABOVE

12. County or Parish

San Juan

13. State

New Mexico

At total depth

SAME AS ABOVE

14. Date Spudded

6/14/2004

15. Date T.D. Reached

2/3/2005

16. Date Completed

☐ D & A☒ Ready to Prod. 12/31/13 GRS

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

5951' GL; 5961' KB

18. Total Depth:

MD

6973'

TVD

19. Plug Back T.D.:

MD

6928'

TVD

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	228'	n/a	75 sx - Premium Lite	22 bbls	Surface	1 bbl
8 3/4"	7" / J-55	20#	0	4217'		445 sx - Premium Lite	165 bbls	Surface	63 bbls
6 1/4"	4 1/2" / J-55	10.5#	0	6967'	n/a	485 sx - Premium Lite	140 bbls	2250'	n/a
						Includes squeezes			

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", 4.7#, J-55	6870'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
PT. LOOKOUT	4641'	4846'	1 spf	.34"	25	open
MENEFEE	4320'	4577'	1 spf	.34"	25	open
D) total holes					50	

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

Depth Interval	Amount and Type of Material
4641' - 4846'	Acidized w/10 bbls 15% HCL; Frac'd w/863 bbls 70 Quality Slickwater foam w/99,316# 20/40 Brady Sand & 1,258 mcf N2
4320' - 4577'	Acidized w/10 bbls 15% HCL; Frac'd w/614 bbls 70 Quality Slickwater foam w/46,988# 20/40 Brady sand & 1,091 mcf N2

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/30/13 GRS	1/3/2014	1hr.	→	trace	10 mcfh	1 bwph			FLOWING
Choke Size	Tbg. Press. RIWG.	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	SI - 658#	700#	→	trace	252 mcfh	31.5 bwph			SHUT IN

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

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

NMOCD

ACCEPTED FOR RECORD

JAN 30 2014

FARMINGTON FIELD OFFICE  
BY: J. J.

## 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.)

## TO BE SOLD

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Fruitland	2000	2347	Bn-Gry, fine gm, tight ss.	Fruitland	2000	
Pictured Cliffs	2347	2498	Shale w/ siltstone stringers	Pictured Cliffs	2347	
Lewis	2498	3347	White, waxy chalky bentonite	Lewis	2498	
Huerfano Bentonite	3080	3900	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Huerfano Bentonite	3080	
Chacra	3347	3900	Light gry, med-fine gr ss, carb sh & coal	Chacra	3347	
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 ☐ 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

Regulatory Tech.

Signature

Date

1/17/2014

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.