

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED  
FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010  
JAN 08 2013

5. Lease Serial No. SF-077842-1500

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 of, Tribe Name  
Report To Lease  
7. Unit or CA Agreement Name and No.  
SAN JUAN 29-7 UNIT

2. Name of Operator

Burlington Resources Oil &amp; Gas Company

8. Lease Name and Well No.

San Juan 29-7 Unit 56C

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-9700

9. API Well No.

30-039-31116 - DOC 1

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

At surface

UNIT P (SE/SE), 1199' FSL &amp; 1122' FEL

10. Field and Pool or Exploratory

Basin Dakota

At top prod. Interval reported below

UNIT J (NW/SE), 1685' FSL &amp; 1913' FEL

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

SURFACE: SEC: 15, T29N, R7W

BOTTOM: SEC: 15, T29N, R7W

12. County or Parish

Rio Arriba

13. State

New Mexico

At total depth

UNIT J (NW/SE), 1685' FSL &amp; 1913' FEL

14. Date Spudded

10/9/2012

15. Date T.D. Reached

10/30/2012

16. Date Completed

☐ D & A ☒ Ready to Prod.

12/15/2012 GRC

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

6243' GL / 6258' KB

18. Total Depth:

MD

7634'

TVD

7480'

19. Plug Back T.D.:

MD

7630'

TVD

7476'

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	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	233'	n/a	77sx-Pre-mix	22bbbls	Surface	2bbbls
8 3/4"	7" / J-55	23#	0	3961'	2913'	542sx-Premium Lite	198bbbls	Surface	80bbbls
6 1/4"	4 1/2" / L-80	11.6#	0	7632'	n/a	269sx-Premium Lite	97bbbls	3040'	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 3/8", 4.7#, L-80	7513'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	7436'	7536'	1SPF	.34"	27	open
B) Dakota	7548'	7598'	2SPF	.34"	30	open
C) Total					57	
D)						

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

Depth Interval	Amount and Type of Material
7436' - 7598'	Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 40,765gals w/ 40,394# of SLC 20/40 sand. Pumped 114bbbls of fluid. Total N2:2,340,000SCF.

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
12/15/2012 GRC	12/20/2012	1hr.	→	trace/boph	62/mcf/h	trace/bwph	n/a	n/a	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-480psi	SI-480psi	→	trace/bopd	1487/mcf/d	34/ bwpd	n/a		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. 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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A

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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	

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	2249'	2368'	White, cr-gr ss	Ojo Alamo	2249'
Kirtland	2368'	2872'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2368'
Fruitland	2872'	3179'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2872'
Pictured Cliffs	3179'	3344'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3179'
Lewis	3344'	4192'	Shale w/ siltstone stringers	Lewis	3344'
Huerfano Bentonite	4192'	4192'	White, waxy chalky bentonite	Huerfano Bentonite	4192'
Chacra	4192'	4735'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4192'
Mesa Verde	4735'	5045'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4735'
Menefec	5045'	5367'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5045'
Point Lookout	5367'	5782'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5367'
Mancos	5782'	6606'	Dark gry carb sh.	Mancos	5782'
Gallup	6606'	7336'	Lt. gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg. interbed sh.	Gallup	6606'
Greenhorn	7336'	7394'	Highly calc gry sh w/ thin lmst.	Greenhorn	7336'
Graneros	7394'	7435'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7394'
Dakota	7435'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7435'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

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

This is a Blanco Mesaverde &amp; Basin Dakota commingle well under DHC3705AZ.

## 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)

Arleen White

Title

Staff Regulatory Tech.

Signature

Arleen White

Date

1/8/13

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

## 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				
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. Resvr.,				
Other:									
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>									
3. Address <b>PO Box 4289, Farmington, NM 87499</b>			3a. Phone No. (include area code) <b>(505) 326-9700</b>						
4. Location of Well (Report location clearly and in accordance with Federal requirements)*									
At surface <b>UNIT P (SE/SE), 1199' FSL &amp; 1122' FEL</b>									
At top prod. Interval reported below <b>UNIT J (NW/SE), 1685' FSL &amp; 1913' FEL</b>									
At total depth <b>UNIT J (NW/SE), 1685' FSL &amp; 1913' FEL</b>									
14. Date Spudded <b>10/9/2012</b>		15. Date T.D. Reached <b>10/30/2012</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>12/13/2012 GRC</b>					
18. Total Depth:		MD <b>7634'</b> TVD <b>7480'</b>		19. Plug Back T.D.: MD <b>7630'</b> TVD <b>7476'</b>					
20. Depth Bridge Plug Set:		MD TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR/CCL/CBL</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 type="checkbox"/> No <input checked="" 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	233'	n/a	77sx-Pre-mix	22bbls	Surface	2bbls
8 3/4"	7" / J-55	23#	0	3961'	2913'	542sx-Premium Lite	198bbls	Surface	80bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7632'	n/a	269sx-Premium Lite	97bbls	3040'	n/a
24. Tubing Record						RCVD JAN 09 2013 OIL CONS DIV DIST. 3			
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#, L-80	7513'	n/a							
25. Producing Intervals						26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Point Lookout/Lower Menefee	5226'	5554'	ISPF	.34"	25	open			
B) Upper Menefee/Cliffhouse	4744'	5122'	ISPF	.34"	25	open			
C) Lewis	4194'	4630'	ISPF	.34"	25	open			
D) TOTAL					77				
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
5226' - 5554'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 127,228 gals 70Q N2 Slick Foam w/ 100,239# 20/40 Brown sand. Total N2:1,332,200SCF.								
4744' - 5122'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 126,882 gals 70Q N2 Slick Foam w/ 126,882# 20/40 Brown sand. Pumped 74 fluid flush. Total N2:1,295,500SCF.								
4194' - 4630'	Frac'd w/ 120,238 gals 75Q N2 Visco Elastic Foam w/ 69,086# 20/40 Brown sand. Pumped 62 foamed flush. Total N2:1,636,100SCF.								
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
12/13/2012 GRC	12/20/2012	1hr.	→	trace/boph	4/mcf/h	trace/bwph	n/a	n/a	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-480psi	SI-480psi	→	trace/bopd	95/mcf/d	2/ bwpd	n/a	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. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI	SI		→						

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

ACCEPTED FOR RECORD

JAN 09 2013

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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.)

## TO BE SOLD

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

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Pictured Cliffs	3179'	3344'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3179'
Lewis	3344'	4192'	Shale w/ siltstone stringers	Lewis	3344'
Huerfanito Bentonite	4192'	4192'	White, waxy chalky bentonite	Huerfanito Bentonite	4192'
Chacra	4192'	4735'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4192'
Mesa Verde	4735'	5045'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4735'
Menefee	5045'	5367'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5045'
Point Lookout	5367'	5782'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5367'
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Greenhorn	7336'	7394'	Highly calc gry sh w/ thin lmst.	Greenhorn	7336'
Graneros	7394'	7435'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7394'
Dakota	7435'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7435'
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## 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)

Arleen White

Title

Staff Regulatory Tech.

Signature

Arleen White

Date

1/8/13

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