

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

RECEIVED

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. Resrv.,		APR 24 2013					
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>				Farmington Field Office Bureau of Land Management					
3. Address <b>PO Box 4289, Farmington, NM 87499</b>		3a. Phone No. (include area code) <b>(505) 326-9700</b>		5. Lease Serial No. <b>SF-077651</b>					
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT G (SW/NE), 2130' FNL &amp; 1955' FEL</b>  At top prod. Interval reported below  At total depth				6. If Indian, Allottee or Tribe Name  7. Unit or CA Agreement Name and No. <b>Report To Lease</b> 8. Lease Name and Well No. <b>Richardson 8N</b>					
14. Date Spudded <b>1/2/2013</b>		15. Date T.D. Reached <b>2/6/2013</b>		9. API Well No. <b>30-045-34873 - 0061</b>					
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>04/02/2013 GRC</b>		10. Field and Pool or Exploratory <b>Basin Dakota</b>							
18. Total Depth: MD <b>7380'</b> TVD		19. Plug Back T.D.: MD <b>7375'</b> TVD		11. Sec., T., R., M., on Block and Survey <b>SURFACE: SEC: 10, T31N, R12W</b>					
20. Depth Bridge Plug Set: MD TVD				12. County or Parish <b>San Juan</b>					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>GR/CCL/CBL</b>				13. State <b>New Mexico</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)				17. Elevations (DF, RKB, RT, GL)* <b>6184' GL / 6199' KB</b>					
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	229'	n/a	76sx-Type I-II	22bbls	Surface	5bbls
8 3/4"	7" / J-55	20# / 23#	0	4590'	n/a	610sx-Premium Lite	219bbls	Surface	55bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7378'	n/a	211sx-Premium Lite	76bbls	3100'	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#, J-55	7256'	n/a							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Dakota	7186'	7290'	1SPF	.34"	29	open			
B) Dakota	7300'	7354'	2SPF	.34"	26	open			
C) Total					55				
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
7186' - 7354'		Acidize w/ 10bbls of 15% HCL. Frac'd w/ 40,068gals 70% Slickwater N2 Foam w/ 40,151# of 20/40 Brady sand. Total N2: 2,304,800SCF.							
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
04/02/2013 GRC	4/5/2013	1hr.	trace/boph	6/mcf/h	trace/bwph	n/a	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-297psi	SI-267psi	8/bopd	147/mcf/d	4/ 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)

ACCEPTED FOR RECORD

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APR 25 2013

FARMINGTON FIELD OFFICE  
BY William Tambekou

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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	840'	898'	White, cr-gr ss	Ojo Alamo	840'
Kirtland	898'	2374'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	898'
Fruitland	2374'	2670'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2374'
Pictured Cliffs	2670'	2838'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2670'
Lewis	2838'	3404'	Shale w/ siltstone stingers	Lewis	2838'
Huerfanito Bentonite	3404'	3802'	White, waxy chalky bentonite	Huerfanito Bentonite	3404'
Chacra	3802'	4212'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3802'
Mesa Verde	4212'	4474'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4212'
Menefee	4474'	5008'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4474'
Point Lookout	5008'	5400'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5008'
Mancos	5400'	6341'	Dark gry carb sh.	Mancos	5400'
Gallup	6341'	7065'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6341'
Greenhorn	7065'	7132'	Highly calc gry sh w/ thin lmst.	Greenhorn	7065'
Graneros	7132'	7185'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7132'
Dakota	7185'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7185'
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 DHC3026AZ.

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

4/24/13

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

Lease Serial No.

SF-077651

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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"/> Other		7. Unit or CA Agreement Name and No. <b>Report To Lease</b>	
2. Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>		8. Lease Name and Well No. <b>Richardson 8N</b>	
3. Address <b>PO Box 4289, Farmington, NM 87499</b>		9. API Well No. <b>30-045-34873 - BOC2</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>UNIT G (SW/NE), 2130' FNL &amp; 1955' FEL</b>  At top prod. Interval reported below  At total depth		10. Field and Pool or Exploratory <b>Blanco Mesaverde</b>	
14. Date Spudded <b>1/2/2013</b>		15. Date T.D. Reached <b>2/6/2013</b>	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>04/01/2013 GRC</b>		17. Elevations (DF, RKB, RT, GL)* <b>6184' GL / 6199' KB</b>	
18. Total Depth: MD <b>7380'</b> TVD		19. Plug Back T.D.: MD <b>7375'</b> TVD	
20. Depth Bridge Plug Set: MD <b>TVD</b>		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)		23. Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)	
24. Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)		25. Casing and Liner Record (Report all strings set in well)	
26. Tubing Record		27. Producing Intervals	
28. Perforation Record		29. Acid, Fracture, Treatment, Cement Squeeze, etc.	
30. Production - Interval A		31. Production - Interval B	

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

ACCEPTED FOR RECORD

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APR 25 2013

FARMINGTON FIELD OFFICE  
BY William Tambekou

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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	

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