

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

JUN 07 2013

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				
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 J (NWSE) 1910' FSL &amp; 1497' FEL</b>  At top prod. Interval reported below <b>SAME AS ABOVE</b>  At total depth <b>SAME AS ABOVE</b>									
14. Date Spudded <b>3/21/2013</b>		15. Date T.D. Reached <b>3/29/2013</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>GRS 5/20/2013</b>					
18. Total Depth: MD <b>7613'</b> TVD _____		19. Plug Back T.D.: MD <b>7605'</b> TVD _____		20. Depth Bridge Plug Set: MD <b>7605'</b> 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 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / H-40	32.3#	0	230'	n/a	112 sx Premium Lite	31 bbls	Surface	0.25 bbl
8 3/4"	7" / J-55	20#	0	3308'	n/a	424 sx Premium Lite	152 bbls	Surface	55 bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7611'	n/a	304 sx Premium Lite	109 bbls	2700'	n/a
24. Tubing Record						26. Perforation 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	7497'	n/a							
25. Producing Intervals			26. Perforation Record			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
A) <b>Dakota</b>	7372'	7472'	1 spf		.34"	29	open		
B) <b>Dakota</b>	7494'	7590'	2 spf		.34"	26	open		
C) _____							open		
D) <b>total holes</b>						55			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.						Amount and Type of Material			
Depth Interval <b>7372' - 7590'</b>			Acidized w/10 bbls 15% HCL, Frac-40,782 gal 70% foam slickwater w/39,967# 20/40 AZ sand w/2,305,000 scf N2						
28. Production - Interval A						28. 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
<b>5/20/13 GRS</b>	<b>5/24/2013</b>	<b>1hr.</b>			<b>3 mcfh</b>	<b>0</b>			<b>FLOWING</b>
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
<b>1/2"</b>	<b>SI - 453 psi</b>	<b>SI 388 psi</b>		<b>0</b>	<b>83 mcfh</b>	<b>0</b>			<b>SHUT IN</b>
28a. Production - Interval 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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
<b>SI</b>									

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

ACCEPTED FOR RECORD

NMOCD  
AV

JUN 11 2013

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.)

## 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	1962'	2120'	White, cr-gr ss	Ojo Alamo	1962'
Kirtland	2120'	2712'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2120'
Fruitland	2712'	3059'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	2712'
Pictured Cliffs	3059'	3238'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3059'
Lewis	3238'	4043'	Shale w/ siltstone stringers	Lewis	3238'
Chacra	4043'	4592'	Gry fin gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4043'
Mesa Verde	4592'	4839'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4592'
Menefee	4839'	5344'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4839'
Point Lookout	5344'	5756'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5344'
Mancos	5756'	6523'	Dark gry carb sh.	Mancos	5756'
Gallup	6523'	7262'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6523'
Greenhorn	7262'		Highly calc gry sh w/ thin lmst.	Greenhorn	7262'
Graneros	7326'		Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7326'
Dakota	7370'	7613'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7370'
			Interbed gm, brn & red waxy sh & fine to coard gm ss	Morrison	

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

This is a Blanco Mesaverde & Basin Mancos commingle well under DHC3781AZ

## 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)

Patsy Clugston

Title

Staff Regulatory Tech.

Signature

Date

6/5/2013

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

RECEIVED

JUN 07 2013

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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		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>		5. Lease Serial No. <b>SF-080032-A</b>		6. If Indian, Allottee or Tribe Name <b>ANM-73235-MV</b>		7. Unit or CA Agreement Name and No. <b>FEUILLE #1N</b>		8. Lease Name and Well No. <b>FEUILLE #1N</b>		9. API Well No. <b>30-045-35418 -0002</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>UNIT J (NWSE) 1910' FSL &amp; 1497' FEL</b> At top prod. Interval reported below <b>SAME AS ABOVE</b> At total depth <b>SAME AS ABOVE</b>										10. Field and Pool or Exploratory <b>BLANCO MESAVERDE</b>						11. Sec., T., R., M., on Block and Survey <b>SURFACE: SEC: 13, T29N, R9W</b>					
14. Date Spudded <b>3/21/2013</b>										15. Date T.D. Reached <b>3/29/2013</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		GRS <b>5/17/2013</b>		17. Elevations (DF, RKB, RT, GL)* <b>6504' GL; 6519' KB</b>					
18. Total Depth: MD <b>7613'</b> TVD		19. Plug Back T.D.: MD <b>7605'</b> TVD		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 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled												
12 1/4"	9 5/8" / H-40	32.3#	0	230'	n/a	112 sx Premium Lite	31 bbls	Surface	0.25 bbl												
8 3/4"	7" / J-55	20#	0	3308'	n/a	424 sx Premium Lite	152 bbls	Surface	55 bbls												
6 1/4"	4 1/2" / L-80	11.6#	0	7611'	n/a	304 sx Premium Lite	109 bbls	2700'	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	7497'	n/a																			
25. Producing Intervals																					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status															
A) Pt Lookout	5296'	5430'	1 spf	.34"	25	open															
B) Menefee	4874'	5210'	1 spf	.34"	25	open															
C) Cliffhouse	4688'	4836'	1 spf	.34"	25	open															
D) total holes					75																
26. Perforation Record																					
27. Acid, Fracture, Treatment, Cement Squeeze, etc.																					
Depth Interval	Amount and Type of Material																				
5296' - 5430'	Acidized w/10 bbls 15% HCL, Frac - 32,466 gal 70 Q N2 Slickwater w/76,394# 20/40 AZ sand & 1,146,000 scf N2																				
4874' - 5210'	Acidized w/10 bbls 15% HCL, Frac - 39,270 gal 70% N2 Slickwater w/75,269# 20/40 AZ sand w/1,750,000 scf N2																				
4688' - 4836'	Acidized w/10 bbls 15% HCL, Frac - 56,742 gal 70% N2 Slickwater w/68,603# 20/40 AZ sand w/2,026,000 scf 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												
5/17/13 GRS	5/24/2013	1hr.	→		11 mcfh	0			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 - 453 psi	SI 388 psi	→	0	262 mcfh	0		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													
			→																		

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

ACCEPTED FOR RECORD

NMOCD  
N

JUN 11 2013

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.)

## 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	1962'	2120'	White, cr-gr ss	Ojo Alamo	1962'	
Kirtland	2120'	2712'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2120'	
Fruitland	2712'	3059'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2712'	
Pictured Cliffs	3059'	3238'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3059'	
Lewis	3238'	4043'	Shale w/ siltstone stringers	Lewis	3238'	
Chacra	4043'	4592'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4043'	
Mesa Verde	4592'	4839'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4592'	
Menefee	4839'	5344'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4839'	
Point Lookout	5344'	5756'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5344'	
Mancos	5756'	6523'	Dark gry carb sh.	Mancos	5756'	
Gallup	6523'	7262'	Lt. gry to bn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6523'	
Greenhorn	7262'		Highly calc gry sh w/ thin lmst.	Greenhorn	7262'	
Graneros	7326'		Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7326'	
Dakota	7370'	7613'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7370'	
			Interbed grn, bn & red waxy sh & fine to coard grn ss	Morrison		

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

This is a Blanco Mesaverde & Basin Mancos commingle well under DHC3781AZ

## 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)

Patsy Clugston

Title

Staff Regulatory Tech.

Signature

Date

6/5/2013

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.