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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APR 10 2013

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

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 M (SW/SW), 645' FSL &amp; 615' FWL</b>  At top prod. Interval reported below <b>UNIT L (NW/SW), 1411' FSL &amp; 517' FWL</b>  At total depth <b>UNIT L (NW/SW), 1411' FSL &amp; 517' FWL</b>									
14. Date Spudded <b>10/16/2012</b>		15. Date T.D. Reached <b>12/2/2012</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>3/27/2013</b>					
18. Total Depth: MD <b>10958'</b> TVD <b>6016'</b>		19. Plug Back T.D.: MD <b>10956'</b> TVD <b>6016'</b>		20. Depth Bridge Plug Set: MD <b>10956'</b> TVD <b>6016'</b>					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>Mudlog</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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" / J-55	36#	0	867'	n/a	436sx-Type I-II	97bbls	Surface	17bbls
8 3/4"	7" / L-80	26#	0	5225'	n/a	740sx-Premium Lite	267bbls	Surface	73bbls
6 1/4"	4 1/2" / P-110	11.6#	0	5147'	n/a	n/a	n/a	n/a	n/a
6 1/4"	4 1/2" / P-110	11.6#	5146'	10948'	n/a	n/a	n/a	n/a	n/a
24. Tubing Record						PCVD APR 12 '13 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#, J-55	6116'	n/a							
25. Producing Intervals						26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
Angel Peak Gallup	6606'	10812'	see attachment	3.84'	15	open			
A)									
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
6606' - 10812'		see attachment							
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
n/a	3/25/2013	24Hr.	12/boph	475/mcf/h	42/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-120-psi	SI-480psi	12/bopd	475/mcf/d	42/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

APR 10 2013

NMCCD

FARMINGTON FIELD OFFICE  
BY William Tambekou

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	1365'	1431'	White, cr-gr ss	Ojo Alamo	1365'
Kirtland	1431'	1990'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1431'
Fruitland	1990'	1998'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1990'
Pictured Cliffs	1998'	2367'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	1998'
Lewis	2367'	2590'	Shale w/ siltstone stringers	Lewis	2367'
Huerfanito Bentonite	2590'	3081'	White, waxy chalky bentonite	Huerfanito Bentonite	2590'
Chacra	3081'	3767'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3081'
Mesa Verde	3767'	3808'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	3767'
Menefee	3808'	4578'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3808'
Point Lookout	4578'	5010'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4578'
Mancos	5010'		Dark gry carb sh.	Mancos	5010'

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

## 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

4/10/13

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.

## HUERFANO UNIT HZMC 1H

30-045-35370

Burlington Resources

Angel Peak Gallup

### 26) Perforated Intervals

Each frac sleeve is 3.84' in length @ 10812', 10584', 10351', 10041', 9725', 9409', 9102', 8833', 8518', 8205', 7888', 7575', 7308', 6914' & 6606'. Frac's start at 10812' and move uphole toward liner. 15 fracs total.

### 27) Frac Detail

Frac'd 1<sup>st</sup> Mancos w/ 61,236 gal 25# 70% X-Link N2 Foam w/ 94,760# 20/40 Brady Sand. Total N2: 2,239,000 SCF.  
Frac'd 2<sup>nd</sup> Mancos w/ 29,022 gal 25# 70% X-Link N2 Foam w/ 108,220# 20/40 Brady Sand. Total N2: 1,395,600 SCF.  
Frac'd 3<sup>rd</sup> Mancos w/ 27,090 gal 25# 70% X-Link N2 Foam w/ 95,360# 20/40 Brady Sand. Total N2: 1,241,700 SCF.  
Frac'd 4<sup>th</sup> Mancos w/ 29,964 gal 25# 70% X-Link N2 Foam w/ 106,480 20/40 Brady Sand. Total N2: 1,249,100 SCF.  
Frac'd 5<sup>th</sup> Mancos w/ 38,220 gal 25# 70% X-Link N2 Foam w/ 144,720# 20/40 Brady Sand. Total N2: 2,038,700 SCF.  
Frac'd 6<sup>th</sup> Mancos w/ 45,528 gal 25# 70% X-Link N2 Foam w/ 120,100# 20/40 Brady Sand. Total N2: 2,082,000 SCF.  
Frac'd 7<sup>th</sup> Mancos w/ 36,582 gal 25# 70% X-Link N2 Foam w/ 144,340# 20/40 Brady Sand. Total N2: 2,011,300 SCF.  
Frac'd 8<sup>th</sup> Mancos w/ 34,314 gal 25# 70% X-Link N2 Foam w/ 120,078# 20/40 Brady Sand. Total N2: 1,814,900 SCF.  
Frac'd 9<sup>th</sup> Mancos w/ 37,884 gal 25# 70% X-Link N2 Foam w/ 170,958# 20/40 Brady Sand. Total N2: 1,943,400 SCF.  
Frac'd 10<sup>th</sup> Mancos w/ 38,892 gal 25# 70% X-Link N2 Foam w/ 164,280# 20/40 Brady Sand. Total N2: 2,032,700 SCF.  
Frac'd 11<sup>th</sup> Mancos w/ 40,152 gal 25# 70% X-Link N2 Foam w/ 210,200# 20/40 Brady Sand. Total N2: 2,203,200 SCF.  
Frac'd 12<sup>th</sup> Mancos w/ 51,114 gal 25# 70% X-Link N2 Foam w/ 180,135# 20/40 Brady Sand. Total N2: 2,526,500 SCF.  
Frac'd 13<sup>th</sup> Mancos w/ 59,514 gal 25# 70% X-Link N2 Foam w/ 172,875# 20/40 Brady Sand. Total N2: 2,825,900 SCF.  
Frac'd 14<sup>th</sup> Mancos w/ 51,954 gal 25# 70% X-Link N2 Foam w/ 202,001# 20/40 Brady Sand. Total N2: 2,977,100 SCF.  
Frac'd 15<sup>th</sup> Mancos w/ 47,838 gal 25# 70% X-Link N2 Foam w/ 177,630# 20/40 Brady Sand. Total N2: 2,932,600 SCF.