

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC 14 2012

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5. Lease Serial No.

SF-078174-A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐ **Bureau of Land Manager**  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,

Other:

2. Name of Operator

Burlington Resources Oil &amp; Gas Company

3. Address

PO Box 4289, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 326-9700

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

At surface

UNIT P (SE/SE), 1303' FSL &amp; 1251' FEL

At top prod. Interval reported below

UNIT J (NW/SE), 2270' FSL &amp; 1856' FEL

At total depth

UNIT J (NW/SE), 2270' FSL &amp; 1856' FEL

14. Date Spudded

8/31/2012

15. Date T.D. Reached

9/20/2012

16. Date Completed

☐ D & A☒ Ready to Prod. 11/19/2012 GRC

18. Total Depth:

MD

7325'

19. Plug Back T.D.:

MD

7294'

TVD

7113'

TVD

7082'

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	230'	n/a	76sx-Type I-II mix	22bbbls	Surface	8bbbls
8 3/4"	7" / J-55	23#	0	4590'	n/a	589sx-Premium Lite	212bbbls	Surface	70bbbls
6 1/4"	4 1/2" / L-80	11.6#	0	7321'	n/a	209sx-Premium Lite	75bbbls	3610'	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	7166'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	7006'	7284'	ISPF	.34"	47	open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7006' - 7284'	Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 134,120gals 70Q N2 Slick Foam pad w/ 39,518# of 20/40 Brown sand. Pumped 110bbbls of fluid. Total N2:2,210,700SCF.

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
11/19/2012 GRC	11/21/2012	1hr.	→	0/boph	42/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-838psi	SI-855psi	→	0/bopd	1012/mcf/d	1/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

DEC 15 2012

NMOC

N

FARMINGTON FIELD OFFICE  
BY T. L. Sabers

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	1058'	1212'	White, cr-gr ss	Ojo Alamo	1058'
Kirtland	1212'	2121'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1212'
Fruitland	2121'	2550'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2121'
Pictured Cliffs	2550'	2720'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2550'
Lewis	2720'	3368'	Shale w/ siltstone stringers	Lewis	2720'
Huerfano Bentonite	3368'	3634'	White, waxy chalky bentonite	Huerfano Bentonite	3368'
Chacra	3634'	4199'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3634'
Mesa Verde	4199'	4410'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4199'
Menefee	4410'	4946'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4410'
Point Lookout	4946'	5336'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4946'
Mancos	5336'	6184'	Dark gry carb sh.	Mancos	5336'
Gallup	6184'	6889'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6184'
Greenhorn	6889'	6950'	Highly calc gry sh w/ thin lmst.	Greenhorn	6889'
Graneros	6950'	7002'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6950'
Dakota	7002'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7002'
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 DHC3718AZ.

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 Kellywood

Title

Staff Regulatory Tech.

Signature

Date

12/12/12

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

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DEC 14 2012

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.		Farmington Field Office Bureau of Land Management					
2. Name of Operator Burlington Resources Oil & Gas Company									
3. Address PO Box 4289, Farmington, NM 87499				3a. Phone No. (include area code) (505) 326-9700					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface: UNIT P (SE/SE), 1303' FSL & 1251' FEL At top prod. Interval reported below: UNIT J (NW/SE), 2270' FSL & 1856' FEL At total depth: UNIT J (NW/SE), 2270' FSL & 1856' FEL									
14. Date Spudded 8/31/2012		15. Date T.D. Reached 9/20/2012		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/16/2012 GRC					
18. Total Depth: MD 7325' TVD 7113'		19. Plug Back T.D.: MD 7294' TVD 7082'		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/CBL				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" / 11-40	32.3#	0	230'	n/a	76sx-Type I-II mix	22bbls	Surface	8bbls
8 3/4"	7" / J-55	23#	0	4590'	n/a	589sx-Premium Lite	212bbls	Surface	70bbls
6 1/4"	4 1/2" / L-80	11.6#	0	7321'	n/a	209sx-Premium Lite	75bbls	3610'	n/a
24. Tubing Record						ROUND DEC 18 5:12 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	7166'	n/a							
25. Producing Intervals						26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Point Lookout/Lower Menefee	4948'	5284'	ISPF	.34"	25	open			
B) Menefee	4604'	4882'	ISPF	.34"	23	open			
C) TOTAL					48				
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
4948' - 5284'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 120,554gal 70Q N2 Slick Foam pad w/ 100,402# of 20/40 Brown sand. Pumped 77bbls of fluid. Total N2: 1,213,600SCF.								
4604' - 4882'	Acidize w/ 10bbls of 15% HCL. Frac'd w/ 77,700gal 70Q N2 Slick Foam pad w/ 47,323# of 20/40 Brown sand. Pumped 71bbls of fluid. Total N2: 1,046,800SCF.								
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
11/16/2012 GRC	11/19/2012	1hr.	0 bopd	0/boph	36/mcf/h	0/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-838psi	SI-855psi	0/bopd	862/mcf/d	1/bwph	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
			0 bopd						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			0 bopd						

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

ACCEPTED FOR RECORD

NMOC

A

DEC 15 2012

FARMINGTON FIELD OFFICE  
BY T. Solvers

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	1058'	1212'	White, cr-gr ss	Ojo Alamo	1058'
Kirtland	1212'	2121'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1212'
Fruitland	2121'	2550'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2121'
Pictured Cliffs	2550'	2720'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2550'
Lewis	2720'	3368'	Shale w/ siltstone stringers	Lewis	2720'
Huerfano Bentonite	3368'	3634'	White, waxy chalky bentonite	Huerfano Bentonite	3368'
Chacra	3634'	4199'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3634'
Mesa Verde	4199'	4410'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4199'
Menefee	4410'	4946'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4410'
Point Lookout	4946'	5336'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4946'
Mancos	5336'	6184'	Dark gry carb sh.	Mancos	5336'
Gallup	6184'	6889'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6184'
Greenhorn	6889'	6950'	Highly calc gry sh w/ thin lmst.	Greenhorn	6889'
Graneros	6950'	7002'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6950'
Dakota	7002'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7002'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

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

This is a Blanco Mesaverde & Basin Dakota commingle well under DHC3718AZ.

## 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 Kellywood

Title

Staff Regulatory Tech.

Signature

Date

12/12/12

PC

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.