

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 21 2012

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

5. Lease Serial No.

NM-93252

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

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 C (NENW), 1020' FNL &amp; 1780' FWL

At top prod. Interval reported below

UNIT B (NWNE), 946' FNL &amp; 2484' FEL

At total depth

UNIT B (NWNE), 946' FNL &amp; 2484' FEL

14. Date Spudded  
5/18/201215. Date T.D. Reached  
6/4/201216. Date Completed  
☐ D & A ☐ Ready to Prod.

SI - 8/8/12

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

GL-6,988' / KB-7,003'

18. Total Depth:

MD

7,822

19. Plug Back T.D.

MD

7,504'

20. Depth Bridge Plug Set.

MD

7,504'

TVD

7,639'

TVD

7,341'

TVD

7,341'

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

GR/CCL/CBL

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
13 1/2"	9 5/8, H-40	32.3#	0	320'	NA	249 sx Premix	57 bbls	Surface	20 bbls
8 3/4"	7", J-55	23#	0	5031'	NA	645 sx Prem Lt	231 bbls	Surface	26 bbls
6 1/4"	4 1/2", L-80	11.6#	0	7,812'	NA	223 sx Prem. Lt	80 bbls	3,810'	

RECD AUG 27 12  
OIL CONS. DIV.  
DIST. 3

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	6,898'	na						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Dakota	7,554'	7,626'	1 SPF	.34" diam	10	Open
B)	7,644'	7,730'	2 SPF	.34" diam	38	Open
C)						
D) Total Holes					48	

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

Depth Interval	Amount and Type of Material
7,554' - 7,730'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 115,360 gal 70Q N2 Slickfoam w/ 40,343# 20/40 Brown Sand.
	Total N2: 2,426,000scf.

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
N/A	No Test Yet	N/A	→	0	N/A	0			SI
SI 8/8/12									
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
N/A	SI	SI	→	0	N/A	0			SI

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. SI	Csg. Press. SI	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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FARMINGTON FIELD OFFICE  
BY TL Salers

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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
			START TIME →						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate STOP TIME →	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
			START TIME →						
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate STOP TIME →	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	2306'	2540'	White, cr-gr ss	Ojo Alamo	2306'
Kirtland	2540'	2898'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2540'
Fruitland	2898'	3177'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2898'
Pictured Cliffs	3177'	3279'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3177'
Lewis	3279'	3600'	Shale w/ siltstone stringers	Lewis	3279'
Huerfano Bentonite	3600'	4061'	White, waxy chalky bentonite	Huerfano Bentonite	3600'
Chacara	4061'	4819'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacara	4061'
Mesa Verde	4819'	4855'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4819'
Menefee	4855'	5446'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4855'
Point Lookout	5446'	5887'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5446'
Mancos	5887'	6556'	Dark gry carb sh	Mancos	5887'
Gallup	6556'	7435'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6556'
Greenhorn	7435'	7499'	Highly calc gry sh w/ thin fmst	Greenhorn	7435'
Graneros	7499'	7552'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7499'
Dakota	7552'	7822'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7552'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure):

Current Status of this well is a Mancos Only Will return @ a later date to drill out CIBP @ 7,504' and commingle under DHC 4552  
Will report accurate Dakota Production volumes when the CIBP is removed

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) DENISE JOURNEY Title REGULATORY TECHNICIAN

Signature *Denise Journey* Date 8/20/2012

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

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BUREAU OF LAND MANAGEMENT

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Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5 Lease Serial No.

NM-93252

1a Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b Type of Completion. ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr

6 If Indian, Allottee or Tribe Name

Other

7 Unit or CA Agreement Name and No

Report to lease

2. Name of Operator

Burlington Resources Oil &amp; Gas Company

8 Lease Name and Well No

SOONER 1E

3 Address

PO Box 4289, Farmington, NM 87499

3a Phone No. (include area code)

(505) 326-9700

9. API Well No.

30-039-31029-0052

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

At surface

UNIT C (NENW), 1020' FNL &amp; 1780' FWL

10 Field and Pool or Exploratory

BASIN MANCOS

11 Sec, T, R, M, on Block and  
Survey or Area

Sec. 21, T26N, R7W

At top prod Interval reported below

UNIT B (NWNE) 946' FNL &amp; 2484' FEL

12 County or Parish

Rio Arriba

13 State

New Mexico

At total depth

UNIT B (NWNE), 946' FNL &amp; 2484' FEL

14. Date Spudded  
5/18/201215. Date T D Reached  
6/4/2012

16 Date Completed

8/3/12 - GRS

☐ D & A☒ Ready to Prod.

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

GL - 6,988' / KB-7,003'

18 Total Depth

MD

7,822'

TVD

7,639'

19 Plug Back T D

MD

7,504 (CIBP)

TVD

7,341'

20 Depth Bridge Plug Set:

MD

7,504'

8/8/2012

TVD

7,341'

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

GR/CCL/CBL

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
13 1/2"	9 5/8", H-40	32.3	0	320'	N/A	249sx Premix	57 bbls	Surface	20 bbls
8 3/4"	7", J-55	23#	0	5,031'	N/A	645sx Prem Lt	231 bbls	Surface	26 bbls
6 1/4"	4 1/2", L-80	11.6#	0	7,812'	N/A	223sx Prem Lt	80 bbls	3,810'	

RECD AUG 27 12  
OIL CONS. DIV.  
DIST. 5

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	6,898'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) Lower Mancos	6,814'	6,956'	3 SPF	.34"	48	Open
B) Upper Mancos	6,600'	6,708'	3 SPF	.34"	45	Open
C)						
D) Total Holes					93	

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

Depth Interval	Amount and Type of Material
6,814' - 6,956'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 104,755 gal 70Q N2 x-link foam w/ 124,762# 20/40 & 11,721# 16/30 Brown Sand. Total N2: 2,444,600scf.
6,600' - 6,708'	Acidize w/ 10 bbls 15% HCL Acid. Frac w/ 103,040 gal 70Q N2 x-link foam w/ 115,175# 20/40 & 48,299# 16/30 Brown Sand. Total N2: 2,407,400scf.

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
8/3/12 - GRS	8/9/2012	1	→	1.3boph	47mcf/h	2bwph			FLOWING
Choke Size	Tbg Press Flwg SI	Csg Press SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1/2"	800PSI	807PSI	→	32bopd	1139mcf/d	42bwpd		SI	

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 SI	Csg Press SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

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BY TL Salvors

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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

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					Meas. Depth
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Fruitland	2898'	3177'	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss	Fruitland	2898'
Pictured Cliffs	3177'	3279'	Bn-Gry, fine gm, tight ss	Pictured Cliffs	3177'
Lewis	3279'	3600'	Shale w/ siltstone stringers	Lewis	3279'
Huerfanto Bentonite	3600'	4061'	White, waxy chalky bentonite	Huerfanto Bentonite	3600'
Chacra	4061'	4819'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4061'
Mesa Verde	4819'	4855'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4819'
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Graneros	7499'	7552'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7499'
Dakota	7552'	7822'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7552'
Morrison			Interbed gm, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure).

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 ☐ 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)\*

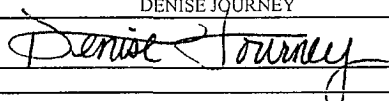
Name (please print)

DENISE JOURNEY

Title

REGULATORY TECHNICIAN

Signature



Date

8/20/2012

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