

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 13 2013

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office

5. Lease Serial No.
NM-03195-A1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other ☐ Diff. Resvr.
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back

6. If Indian, Allottee or Tribe Name

Other:

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

9. API Well No.

30-045-35177-00C1

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

At surface

UNIT G (SW/NE), 1650' FNL & 2597' FEL

At top prod. Interval reported below

UNIT B (NW/NE), 702' FNL & 2028' FEL

At total depth

UNIT B (NW/NE), 702' FNL & 2028' FEL

14. Date Spudded

3/27/2013

15. Date T.D. Reached

4/7/2013

16. Date Completed

☐ D & A ☒ Ready to Prod.

5/21/2013 GRC

18. Total Depth:

MD

7539'

19. Plug Back T.D.:

MD

7536'

20. Depth Bridge Plug Set:

MD

TVD

7333'

TVD

7330'

TVD

21. Type Electric & 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	349'	n/a	101sx-Type I-II	29bbbs	Surface	6bbbs
8 3/4"	7" / J-55	23#	0	4962'	n/a	741sx-Premuim Lite	267bbbs	Surface	94bbbs
6 1/4"	4 1/2" / L-80	11.6#	0	7538'	n/a	231sx-Premuim Lite	83bbbs	2530'	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", 4.7H, L-80	7438'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	7472'	7526'	2SPF	.34"	24	open
B) Dakota	7456'	7352'	1SPF	.34"	31	open
C) TOTAL					55	
D)						

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

Depth Interval	Amount and Type of Material
7352' - 7526'	Acidize w/ 10bbbs of 15% HCL. Frac'd w/ 131,600gals 70Q N2 Slick Foam pad w/ 40,131# of 20/40 Brown sand. Total N2: 2,883,100SCF.

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
05/21/2013 GRC	5/24/2013	1hr.	→	0/boph	13/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-649psi	SI-579psi	→	0/bopd	301/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

JUN 18 2013

NMOCD
AVFARMINGTON 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	1365'	1495'	White, cr-gr ss	Ojo Alamo	1365'
Kirtland	1495'	2478'	Gry sh interbedded w/tight, gry, fine-gr ss. Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Kirtland	1495'
Fruitland	2478'	2920'	Bn-Gry, fine gm, tight ss.	Fruitland	2478'
Pictured Cliffs	2920'	3108'	Shale w/ siltstone stingers	Pictured Cliffs	2920'
Lewis	3108'	3714'	White, waxy chalky bentonite	Lewis	3108'
Huerfano Bentonite	3714'	4027'	Gry fin gm silty, glauconitic sd stone w/ drk gry shale	Huerfano Bentonite	3714'
Chacra	4027'	4600'	Light gry, med-fine gr ss, carb sh & coal	Chacra	4027'
Mesa Verde	4600'	4772'	Med-dark gry, fine gr ss, carb sh & coal	Mesa Verde	4600'
Menefee	4772'	5257'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Menefee	4772'
Point Lookout	5257'	5611'	Dark gry carb sh.	Point Lookout	5257'
Mancos	5611'	6508'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Mancos	5611'
Gallup	6508'	7245'	Highly calc gry sh w/ thin lmst.	Gallup	6508'
Greenhorn	7245'	7294'	Dk gry shale, fossil & carb w/ pyrite incl.	Greenhorn	7245'
Graneros	7294'	7347'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Graneros	7294'
Dakota	7347'	7539'	Interbed gm, brn & red waxy sh & fine to coard gm ss	Dakota	7347'
Morrison				Morrison	

32. Additional remarks (include plugging procedure):

This is a Blanco Mesaverde, Basin Mancos & Basin Dakota commingle well under DHC3464AZ.

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

6/13/13

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.

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'	1495'	White, cr-gr ss	Ojo Alamo	1365'
Kirtland	1495'	2478'	Gry sh interbedded w/tight, gry, fine-gr ss. Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Kirtland	1495'
Fruitland	2478'	2920'	Bn-Gry, fine gm, tight ss.	Fruitland	2478'
Pictured Cliffs	2920'	3108'	Shale w/ siltstone stingers	Pictured Cliffs	2920'
Lewis	3108'	3714'	White, waxy chalky bentonite	Lewis	3108'
Huerfano Bentonite	3714'	4027'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Huerfano Bentonite	3714'
Chacra	4027'	4600'	Light gry, med-fine gr ss, carb sh & coal	Chacra	4027'
Mesa Verde	4600'	4772'	Med-dark gry, fine gr ss, carb sh & coal	Mesa Verde	4600'
Menefee	4772'	5257'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Menefee	4772'
Point Lookout	5257'	5611'	Dark gry carb sh.	Point Lookout	5257'
Mancos	5611'	6508'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Mancos	5611'
Gallup	6508'	7245'	Highly calc gry sh w/ thin lmst.	Gallup	6508'
Greenhorn	7245'	7294'	Dk gry shale, fossil & carb w/ pyrite incl.	Greenhorn	7245'
Graneros	7294'	7347'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Graneros	7294'
Dakota	7347'	7539'	Interbed gm, brn & red waxy sh & fine to coard gm ss	Dakota	7347'
Morrison				Morrison	

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 ☐ Other:

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FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG
Farmington Field Office

5. Lease Serial No.

NM-03195-A

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

Other:

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 G (SW/NE), 1650' FNL & 2597' FEL

At top prod. Interval reported below

UNIT B (NW/NE), 702' FNL & 2028' FEL

At total depth

UNIT B (NW/NE), 702' FNL & 2028' FEL

14. Date Spudded

3/27/2013

15. Date T.D. Reached

4/7/2013

16. Date Completed

☐ D & A ☒ Ready to Prod.

5/21/2013 GRC

18. Total Depth:

MD

7539'

TVD

7333'

19. Plug Back T.D.:

MD

7536'

TVD

7330'

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?

☒ 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	349'	n/a	101sx-Type I-II	29bbbs	Surface	6bbbs
8 3/4"	7" / J-55	23#	0	4962'	n/a	741sx-Premium Lite	267bbbs	Surface	94bbbs
6 1/4"	4 1/2" / L-80	11.6#	0	7538'	n/a	231sx-Premium Lite	83bbbs	2530'	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	7438'	n/a						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5258'	5488'	ISPF	.34"	25	open
B) Menefee	4964'	5172'	ISPF	.34"	25	open
C) TOTAL					50	
D)						

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

Depth Interval	Amount and Type of Material
5258' - 5488'	Acidize w/ 10bbbs of 15% HCL. Frac'd w/ 125,860 gals 70Q Slick Foam w/ 101,649# of 20/40 Brown sand. Total N2: 1,305,000SCF.
4964' - 5172'	Acidize w/ 10bbbs of 15% HCL. Frac'd w/ 130,987 gals 70Q Slick Foam w/ 47,253# of 20/40 Brown sand. Total N2: 2,030,100SCF.

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
05/21/2013 GRC	5/24/2013	1hr.	→	0/boph	47/mcf/h	2/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-649psi	SI-579psi	→	0/bopd	1122/mcf/	41/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

JUN 18 2013

NMOCB
WFARMINGTON FIELD OFFICE
BY William Tambekau

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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

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Morrison				Morrison	

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