

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

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.

APR 24 2013

5. Lease Serial No. SF-077651

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. Farmington Field Office Report To Lease

8. Lease Name and Well No. Richardson 8N

2. Name of Operator Burlington Resources Oil & Gas Company

Farmington Field Office
Bureau of Land Management

3. Address PO Box 4289, Farmington, NM 87499
 3a. Phone No. (include area code) (505) 326-9700

9. API Well No. 30-045-34873-0001

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: UNIT G (SW/NE), 2130' FNL & 1955' FEL
 At top prod. Interval reported below
 At total depth

10. Field and Pool or Exploratory Basin Dakota

11. Sec., T., R., M., on Block and Survey SURFACE: SEC: 10, T31N, R12W

12. County or Parish San Juan
 13. State New Mexico

14. Date Spudded 1/2/2013
 15. Date T.D. Reached 2/6/2013
 16. Date Completed D & A Ready to Prod. 04/02/2013 GRC

17. Elevations (DF, RKB, RT, GL)* 6184' GL / 6199' KB

18. Total Depth: MD 7380' TVD
 19. Plug Back T.D.: MD 7375' TVD
 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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement top* | Amount Pulled |
|-----------|---------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12 1/4" | 9 5/8" / H-40 | 32.3# | 0 | 229' | n/a | 76sx-Type I-II | 22bbbls | Surface | 5bbbls |
| 8 3/4" | 7" / J-55 | 20# / 23# | 0 | 4590' | n/a | 610sx-Premium Lite | 219bbbls | Surface | 55bbbls |
| 6 1/4" | 4 1/2" / L-80 | 11.6# | 0 | 7378' | n/a | 211sx-Premium Lite | 76bbbls | 3100' | n/a |

RCVD APR 30 2013
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 | 7256' | n/a | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|-------|--------|---------------------|------|-----------|--------------|
| A) Dakota | 7186' | 7290' | 1SPF | .34" | 29 | open |
| B) Dakota | 7300' | 7354' | 2SPF | .34" | 26 | open |
| C) Total | | | | | 55 | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 7186' - 7354' | Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 40,068gals 70% Slickwater N2 Foam w/ 40,151# of 20/40 Brady sand. Total N2: 2,304,800SCF. |

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 |
|---------------------|-------------------|--------------|-----------------|------------|-----------|------------|-----------------------|-------------|-------------------|
| 04/02/2013 GRC | 4/5/2013 | 1hr. | → | trace/boph | 6/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-297psi | SI-267psi | → | 8/bopd | 147/mcf/d | 4/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

NMOC D
A

APR 25 2013

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 | 840' | 898' | White, cr-gr ss | Ojo Alamo | 840' |
| Kirtland | 898' | 2374' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirtland | 898' |
| Fruitland | 2374' | 2670' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 2374' |
| Pictured Cliffs | 2670' | 2838' | Bn-Gry, fine grn, tight ss. | Pictured Cliffs | 2670' |
| Lewis | 2838' | 3404' | Shale w/ siltstone stingers | Lewis | 2838' |
| Huerfanito Bentonite | 3404' | 3802' | White, waxy chalky bentonite | Huerfanito Bentonite | 3404' |
| Chacra | 3802' | 4212' | Gry fn grn silty, glauconitic sd stone w/ drk gry shale | Chacra | 3802' |
| Mesa Verde | 4212' | 4474' | Light gry, med-fine gr ss, carb sh & coal | Mesa Verde | 4212' |
| Menefee | 4474' | 5008' | Med-dark gry, fine gr ss, carb sh & coal | Menefee | 4474' |
| Point Lookout | 5008' | 5400' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout | 5008' |
| Mancos | 5400' | 6341' | Dark gry carb sh. | Mancos | 5400' |
| Gallup | 6341' | 7065' | Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh. | Gallup | 6341' |
| Greenhorn | 7065' | 7132' | Highly calc gry sh w/ thin Imst. | Greenhorn | 7065' |
| Graneros | 7132' | 7185' | Dk gry shale, fossil & carb w/ pyrite incl. | Graneros | 7132' |
| Dakota | 7185' | | Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota | 7185' |
| 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 DHC3026AZ.

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 4/24/13

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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RECEIVED

Lease Serial No. SF-077651

1a. Type of Well: Oil Well Gas Well Dry Other

b. Type of Completion: New Well Work Over Deepen Plug Back 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), 2130' FNL & 1955' FEL**

At top prod. Interval reported below

At total depth

14. Date Spudded: **1/2/2013**

15. Date T.D. Reached: **2/6/2013**

16. Date Completed: D & A Ready to Prod. **04/01/2013 GRC**

17. Elevations (DF, RKB, RT, GL)*: **6184' GL / 6199' KB**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. **Report To Lease**

8. Lease Name and Well No. **Richardson 8N**

9. API Well No. **30-045-34873 - B0C2**

10. Field and Pool or Exploratory: **Blanco Mesaverde**

11. Sec., T., R., M., on Block and Survey (SURFACE: SEC: 10, T31N, R12W)

12. County or Parish: **San Juan**

13. State: **New Mexico**

18. Total Depth: MD **7380'** TVD

19. Plug Back T.D.: MD **7375'** TVD

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 | 229' | n/a | 76sx-Type I-II | 22bbbls | Surface | 5bbbls |
| 8 3/4" | 7" / J-55 | 20# / 23# | 0 | 4590' | n/a | 610sx-Premium Lite | 219bbbls | Surface | 55bbbls |
| 6 1/4" | 4 1/2" / L-80 | 11.6# | 0 | 7378' | n/a | 211sx-Premium Lite | 76bbbls | 3100' | 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 | 7256' | n/a | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------|-------|--------|---------------------|------|-----------|--------------|
| A) Point Lookout | 5018' | 5264' | ISPF | .34" | 28 | open |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 5018' - 5264' | Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 38,136gals 70% Slickwater N2 Foam w/ 100,509# of 20/40 Brady sand. Total N2: 1,1,510,400SCF. |

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 |
|---------------------|-------------------|--------------|-----------------|---------|-----------|-----------|-----------------------|-------------|-------------------|
| 04/01/2013 GRC | 4/5/2013 | 1hr. | → | 1/boph | 13/mcf/h | 1/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-297psi | SI-267psi | → | 16/bopd | 313/mcf/d | 12/ 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

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APR 25 2013

FARMINGTON 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

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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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| Morrison | | | Interbed grn, brn & red waxy sh & fine to coard grn ss | Morrison | |

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 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 4/24/13

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.