

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

FEB 08 2013

| | | | | | | | | | |
|--|-------------------|---|---------------------|---|----------------------|------------------------------|-----------------------|-------------------|-------------------|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | 5. Lease Serial No. SF-078119-A | | | | | | | |
| b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back | | 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 & Gas Company | | 8. Lease Name and Well No. Mark Maddox 1M | | | | | | | |
| 3. Address PO Box 4289, Farmington, NM 87499 | | 9. API Well No. 30-045-35085 - 0001 | | | | | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UNIT J (NW/SE), 1607' FSL & 1803' FEL At top prod. Interval reported below UNIT P (SE/SE), 735' FSL & 1160' FEL At total depth UNIT P (SE/SE), 735' FSL & 1160' FEL | | 10. Field and Pool or Exploratory Basin Dakota 11. Sec., T., R., M., on Block and Survey SURFACE: SEC: 15, T32N, R11W BOTTOM: SEC: 15, T32N, R11W | | | | | | | |
| 14. Date Spudded 11/1/2012 | | 15. Date T.D. Reached 11/25/2012 | | | | | | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 1/30/2013 | | 17. Elevations (DF, RKB, RT, GL)* 6416' GL / 6431' KB | | | | | | | |
| 18. Total Depth: MD 8040' TVD 7810' | | 19. Plug Back T.D.: MD 8008' TVD 7778' | | | | | | | |
| 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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement top* | Amount Pulled |
| 12 1/4" | 9 S/8" / H-40 | 32.3# | 0 | 229' | n/a | 76sx-Pre-mix | 22bbls | Surface | 8bbls |
| 8 3/4" | 7" / J-55 | 23# | 0 | 3606' | 2662' | 515sx-Premum Lite | 190bbls | Surface | 120bbls |
| 6 1/4" | 4 1/2" / L-80 | 11.6# | 0 | 8030' | n/a | 314sx-Premum Lite | 113bbls | 2830' | n/a |
| 24. Tubing Record | | | | 25. Producing Intervals | | | | | |
| 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 | 7909' | n/a | | | | | | | |
| 26. Perforation Record | | | | | | | | | |
| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status | | | |
| A) Dakota | 7820' | 7946' | 1SPF | .34" | 27 | open | | | |
| B) Dakota | 7974' | 7998' | 2SPF | .34" | 26 | open | | | |
| C) Total | | | | | 53 | | | | |
| D) | | | | | | | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc. | | | | Amount and Type of Material | | | | | |
| Depth Interval 7820' - 7998' | | | | Acidize w/ 10bbls of 15% HCL. Frac'd w/ 39,942gals 70% Slickwater N2 foam w/ 40,321# of 20/40 Brady sand. Total N2: 2,311,100SCF. | | | | | |
| 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 |
| N/A | 1/30/2013 | 1hr. | 0/boph | 71/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-674psi | SI-658psi | 0/bopd | 1699/mcf/d | 10/ 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

FEB 11 2013

FARMINGTON FIELD OFFICE
BY William Tambekou

NMOCD

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 | 1327' | 1392' | White, cr-gr ss | Ojo Alamo | 1327' |
| Kirtland | 1392' | 2856' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirtland | 1392' |
| Fruitland | 2856' | 3358' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 2856' |
| Pictured Cliffs | 3358' | 3539' | Bn-Gry, fine grn, tight ss. | Pictured Cliffs | 3358' |
| Lewis | 3539' | 4038' | Shale w/ siltstone stringers | Lewis | 3539' |
| Huerfano Bentonite | 4038' | 4533' | White, waxy chalky bentonite | Huerfano Bentonite | 4038' |
| Chacra | 4533' | 4904' | Gry fn grn silty, glauconitic sd stone w/ drk gry shale | Chacra | 4533' |
| Mesa Verde | 4904' | 5298' | Light gry, med-fine gr ss, carb sh & coal | Mesa Verde | 4904' |
| Menefee | 5298' | 5670' | Med-dark gry, fine gr ss, carb sh & coal | Menefee | 5298' |
| Point Lookout | 5670' | 6005' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout | 5670' |
| Mancos | 6005' | 7005' | Dark gry carb sh. | Mancos | 6005' |
| Gallup | 7005' | 7692' | Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh. | Gallup | 7005' |
| Greenhorn | 7692' | 7743' | Highly calc gry sh w/ thin lmst. | Greenhorn | 7692' |
| Graneros | 7743' | 7818' | Dk gry shale, fossil & carb w/ pyrite incl. | Graneros | 7743' |
| Dakota | 7818' | | Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota | 7818' |
| 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 DHC3414AZ.

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

2/7/13

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

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FEB 08 2013

5. Lease Serial No.

SF-078119-A

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

Farmington Field Office
Bureau of Land Management

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NM 73286 - MV

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.

30-045-35085 - 0662

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

At surface

UNIT J (NW/SE), 1607' FSL & 1803' FEL

At top prod. Interval reported below

UNIT P (SE/SE), 735' FSL & 1160' FEL

At total depth

UNIT P (SE/SE), 735' FSL & 1160' FEL

14. Date Spudded

11/1/2012

15. Date T.D. Reached

11/25/2012

16. Date Completed

☐ D & A ☒ Ready to Prod.

1/30/2013

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

6416' GL / 6431' KB

18. Total Depth:

MD

8040'

19. Plug Back T.D.:

MD

8008'

20. Depth Bridge Plug Set:

MD

TVD

7810'

TVD

7778'

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-Pre-mix | 22bbbls | Surface | 8bbbls |
| 8 3/4" | 7" / J-55 | 23# | 0 | 3606' | 2662' | 515sx-Premium Lite | 190bbbls | Surface | 120bbbls |
| 6 1/4" | 4 1/2" / L-80 | 11.6# | 0 | 8030' | n/a | 314sx-Premium Lite | 113bbbls | 2830' | 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 | 7909' | n/a | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------|-------|--------|---------------------|------|-----------|--------------|
| A) Point Lookout | 5348' | 5972' | 1SPF | .34" | 25 | open |
| B) Cliffhouse | 4911' | 5294' | 1SPF | .34" | 25 | open |
| C) Total | | | | | 50 | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 5348' - 5972' | Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 33,348gals 70% Slickwater N2 foam w/ 101,257# of 20/40 Brady sand. Total N2:1,393,500SCF. |
| 4911' - 5294' | Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 35,070gals 70% Slickwater N2 foam w/ 98,762# of 20/40 Brady sand. Total N2:1,367,200SCF. |
| | |
| | |

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 | 1/30/2013 | 1hr. | → | 0/boph | 1/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-674psi | SI-658psi | → | 0/bopd | 17/mcf/d | 0/ 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

FEB 11 2013

FARMINGTON FIELD OFFICE
BY William Tambekou

NMOC D

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 | 1327' | 1392' | White, cr-gr ss | Ojo Alamo | 1327' |
| Kirtland | 1392' | 2856' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirtland | 1392' |
| Fruitland | 2856' | 3358' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 2856' |
| Pictured Cliffs | 3358' | 3539' | Bn-Gry, fine grn, tight ss. | Pictured Cliffs | 3358' |
| Lewis | 3539' | 4038' | Shale w/ siltstone stringers | Lewis | 3539' |
| Huerfanito Bentonite | 4038' | 4533' | White, waxy chalky bentonite | Huerfanito Bentonite | 4038' |
| Chacra | 4533' | 4904' | Gry fn grn silty, glauconitic sd stone w/ drk gry shale | Chacra | 4533' |
| Mesa Verde | 4904' | 5298' | Light gry, med-fine gr ss, carb sh & coal | Mesa Verde | 4904' |
| Menefee | 5298' | 5670' | Med-dark gry, fine gr ss, carb sh & coal | Menefee | 5298' |
| Point Lookout | 5670' | 6005' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout | 5670' |
| Mancos | 6005' | 7005' | Dark gry carb sh. | Mancos | 6005' |
| Gallup | 7005' | 7692' | Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh. | Gallup | 7005' |
| Greenhorn | 7692' | 7743' | Highly calc gry sh w/ thin lmst. | Greenhorn | 7692' |
| Graneros | 7743' | 7818' | Dk gry shale, fossil & carb w/ pyrite incl. | Graneros | 7743' |
| Dakota | 7818' | | Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota | 7818' |
| 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 DHC3414AZ.

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

2/7/13

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.