Form 3160-4
(August 2007)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 13 2013

Farmington Field Office
Bureau of Land Management

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. **SF-079367-B**

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name: NMNM - 78412 C - DK
7. Unit or CA Agreement Name and No.: San Juan 28-6 Unit

2. Name of Operator: **Burlington Resources Oil & Gas Company**

8. Lease Name and Well No.: **San Juan 28-6 Unit #110N**

3. Address: **PO Box 4289, Farmington, NM 87499**

3a. Phone No. *(include area code)*: **(505) 326-9700**

9. API Well No.: **30-039-30729 - DOG**

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

At surface: **Unit N (SE/SW), 747' FSL & 1702' FWL**

10. Field and Pool or Exploratory: **Basin Dakota**

11. Sec., T., R., M., on Block and Survey: **SURF & BH: SEC:25 T27N, R6W**

At top prod. Interval reported below: **SAME AS ABOVE**

At total depth: **SAME AS ABOVE**

12. County or Parish: **Rio Arriba**

13. State: **New Mexico**

14. Date Spudded: **3/15/2013**

15. Date T.D. Reached: **4/8/2013**

16. Date Completed: [ ] D & A [X] Ready to Prod. **8/2/2013**

17. Elevations (DF, RKB, RT, GL)*: **6555' GL / 6570' KB**

18. Total Depth: MD **7693'** TVD

19. Plug Back T.D.: MD **7638'** 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? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] 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 | 76 sx - Premium Lite | 22 bbls | Surface | 6 bbls |
| 8 3/4" | 7" / J-55 | 20# | 0 | 3406' | n/a | 450 sx - Premium Lite | 163 bbls | Surface | 40 bbls |
| 6 1/4" | 4 1/2" / L-80 | 11.6# | 0 | 7682' | n/a | 311 sx - Premium Lite | 111bbls | 2550' | n/a |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

RCVD AUG 16 '13
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 | 7534' | n/a | | | | | | |

25. Producing Intervals / 26. Perforation Record

| | Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|---|---|---|---|---|---|---|---|
| A) | Dakota | 7425' | 7520' | 1 spf | .34" | 14 | open |
| B) | Dakota | 7540' | 7654' | 2 spf | .34" | 46 | open |
| C) | | | | | | | |
| C) | | | | | | | |
| D) | total holes | | | | | 60 | |

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

| Depth Interval | Amount and Type of Material |
|---|---|
| 7425' - 7654' | Acidized w/10 bbls 15% HCl; Frac'd w/29,942 gal 70% Slickwater N2 Foam w/40,159# 20/40 Brady sand & 2,377,900 scf N2 |

| 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 | 8/2/2013 | 1hr. | | | 39mcfh | 2 bwph | | | 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" | 517 psi - SI | 481 PSI | ⇒ | 0 bopd | 932 mcfd | 38 bwpd | | 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. SI | Csg. Press. | 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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AUG 14 2013

FARMINGTON FIELD OFFICE
BY William Tambekou

NMOCD

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 | 2545' | 2735' | White, cr-gr ss | Ojo Alamo | 2545' |
| Kirltand | 2735' | 2945' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirltand | 2735' |
| Fruitland | 2945' | 3230' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 2945' |
| Pictured Cliffs | 3230' | 3310' | Bn-Gry, fine grn, tight ss. | Pictured Cliffs | 3230' |
| Lewis | 3310' | 4173' | Shale w/ siltstone stingers | Lewis | 3310' |
| Huerfanito Bentonite | 3579' | 4886' | White, waxy chalky bentonite | Huerfanito Bentonite | 3579' |
| Chacra | 4173' | 4886' | Gry fn grn silty, glauconitic sd stone w/ drk gry shale | Chacra | 4173' |
| Mesa Verde | 4886' | 4983' | Light gry, med-fine gr ss, carb sh & coal | Mesa Verde | 4886' |
| Menefee | 4983' | 5382' | Med-dark gry, fine gr ss, carb sh & coal | Menefee | 4983' |
| Point Lookout | 5382' | 5844' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout | 5382' |
| Mancos | 5844' | 6543' | Dark gry carb sh. | Mancos | 5844' |
| Gallup | 6543' | 7325' | Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh. | Gallup | 6543' |
| Greenhorn | 7325' | 7386' | Highly calc gry sh w/ thin lmst. | Greenhorn | 7325' |
| Graneros | 7386' | 7418' | Dk gry shale, fossil & carb w/ pyrite incl. | Graneros | 7386' |
| Dakota | 7418' | | Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks<br>Interbed grn, brn & red waxy sh & fine to coard grn ss | Dakota | 7418' |

32. Additional remarks (include plugging procedure):

**This is a MV/DK well being commingled per DHC3125AZ**

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- [X] 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 8/13/13

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.

(Continued on page 3)

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Farmington Field Office
Bureau of Land Management

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. SF-079367-B

1a. Type of Well: [ ] Oil Well [X] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.,
Other:

6. If Indian, Allottee or Tribe Name: NMNM-78412A - MV

7. Unit or CA Agreement Name and No.: San Juan 28-6 Unit

2. Name of Operator: **Burlington Resources Oil & Gas Company**

8. Lease Name and Well No.: **San Juan 28-6 Unit #110N**

3. Address: **PO Box 4289, Farmington, NM 87499**

3a. Phone No. *(include area code)*: **(505) 326-9700**

9. API Well No.: **30-039-30729 -0002**

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

At surface: **Unit N (SE/SW), 747' FSL & 1702' FWL**

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

11. Sec., T., R., M., on Block and Survey: **SURF & BH: SEC:25 T27N, R6W**

At top prod. Interval reported below: **SAME AS ABOVE**

At total depth: **SAME AS ABOVE**

12. County or Parish: **Rio Arriba**

13. State: **New Mexico**

14. Date Spudded: **3/15/2013**

15. Date T.D. Reached: **4/8/2013**

16. Date Completed: [ ] D & A [X] Ready to Prod. **8/2/2013**

17. Elevations (DF, RKB, RT, GL)*: **6555' GL / 6570' KB**

18. Total Depth: MD **7693'** TVD

19. Plug Back T.D.: MD **7638'** 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? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] 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 | 76 sx - Premium Lite | 22 bbls | Surface | 6 bbls |
| 8 3/4" | 7" / J-55 | 20# | 0 | 3406' | n/a | 450 sx - Premium Lite | 163 bbls | Surface | 40 bbls |
| 6 1/4" | 4 1/2" / L-80 | 11.6# | 0 | 7682' | n/a | 311 sx - Premium Lite | 111 bbls | 2550' | n/a |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

RCVD AUG 16 '13
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 | 7534' | n/a | | | | | | |

25. Producing Intervals / 26. Perforation Record

| | Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|---|---|---|---|---|---|---|---|
| A) | Point Lookout | 5407' | 5702' | 1 spf | .34" | 25 | open |
| B) | Menefee | 5028' | 5352' | 1 spf | .34" | 25 | open |
| C) | Cliffhouse | 4850' | 4980' | 1 spf | .34" | 25 | open |
| C) | | | | | | | |
| D) | total holes | | | | | 75 | |

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

| Depth Interval | Amount and Type of Material |
|---|---|
| 5407' - 5702' | Acidized w/10 bbls 15% HCl; Frac'd w/ 102,399 gal 70% Slickwater N2 Foam w/102,399# 20/40 Brady sand & 1,408,600 scf N2 |
| 5028' - 5352' | Acidized w/10 bbls 15% HCl; Frac'd w/ 27,384 gal 70% Slickwater N2 Foam w/ 50,675# 20/40 Brady sand & 1,125,500 scf N2 |
| 4850' - 4980' | Acidized w/10 bbls 15% HCl; Frac'd w/ 37,926 gal 70% Slickwater N2 Foam w/ 97,367# 20/40 Brady sand & 1,433,500 scf N2 |
| | |

| 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 | 8/2/2013 | 1hr. | | | 5 mcfh | trace bwpl | | | 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" | 517 psi - SI | 481 PSI | ⇨ | 0 bopd | 115 mcfd | 5bwpd | | 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. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status |
|---|---|---|---|---|---|---|---|---|
| | | | ⇨ | | | | | |

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

ACCEPTED FOR RECORD

AUG 14 2013

FARMINGTON FIELD OFFICE
BY William Tambekou

NMOCD

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 | 2545' | 2735' | White, cr-gr ss | Ojo Alamo | 2545' |
| Kirltand | 2735' | 2945' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirltand | 2735' |
| Fruitland | 2945' | 3230' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 2945' |
| Pictured Cliffs | 3230' | 3310' | Bn-Gry, fine grn, tight ss. | Pictured Cliffs | 3230' |
| Lewis | 3310' | 4173' | Shale w/ siltstone stingers | Lewis | 3310' |
| Huerfanito Bentonite | 3579' | 4886' | White, waxy chalky bentonite | Huerfanito Bentonite | 3579' |
| Chacra | 4173' | 4886' | Gry fn grn silty, glauconitic sd stone w/ drk gry shale | Chacra | 4173' |
| Mesa Verde | 4886' | 4983' | Light gry, med-fine gr ss, carb sh & coal | Mesa Verde | 4886' |
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| Point Lookout | 5382' | 5844' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout | 5382' |
| Mancos | 5844' | 6543' | Dark gry carb sh. | Mancos | 5844' |
| Gallup | 6543' | 7325' | Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh. | Gallup | 6543' |
| Greenhorn | 7325' | 7386' | Highly calc gry sh w/ thin lmst. | Greenhorn | 7325' |
| Graneros | 7386' | 7418' | Dk gry shale, fossil & carb w/ pyrite incl. | Graneros | 7386' |
| Dakota | 7418' | | Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks<br>Interbed grn, brn & red waxy sh & fine to coard grn ss | Dakota | 7418' |

32. Additional remarks (include plugging procedure):

**This is a MV/DK well being commingled per DHC3125AZ**

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- [X] 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 8/13/13

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.

(Continued on page 3)