

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 31 2012

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 1a. Type of Well | | <input type="checkbox"/> Oil Well | <input checked="" type="checkbox"/> Gas Well | <input type="checkbox"/> Dry | <input type="checkbox"/> Other |
| b. Type of Completion: | | <input checked="" type="checkbox"/> New Well | <input type="checkbox"/> Work Over | <input type="checkbox"/> Deepen | <input type="checkbox"/> Plug Back |
| 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 H (SE/NE), 2100' FNL & 625' FEL At top prod. Interval reported below UNIT E (SW/NW), 1424' FNL & 668' FWL At total depth UNIT E (SW/NW), 1424' FNL & 668' FWL | | | | | |
| 14. Date Spudded 8/8/2012 | | 15. Date T.D. Reached 8/25/2012 | | 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/12/2012 GRC | |
| 18. Total Depth: | | MD 7810' TVD 7524' | | 19. Plug Back T.D.: MD 7803' TVD 7517' | |
| 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 Sk. & Type of Cement | Slurry Vol. (BBL) | Cement top* | Amount Pulled |
| 12 1/4" | 9 5/8" / H-40 | 32.3# | 0 | 348' | n/a | 102sx-Pre-mix | 29bbls | Surface | 7bbls |
| 8 3/4" | 7" / J-55 | 23# | 0 | 5164' | 2987' | 700sx-Premium Lite | 254bbls | Surface | 110bbls |
| 6 1/4" | 4 1/2" / L-80 | 11.6# | 0 | 7806' | n/a | 253sx-Premium Lite | 91bbls | 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#, L-80 | 7713' | n/a | | | | | | | |

| 25. Producing Intervals | | | | | | | | | |
|-------------------------|-------|--------|---------------------|------|-----------|--------------|--|--|--|
| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status | | | |
| A) Dakota | 7695' | 7766' | 2SPF | .34" | 28 | open | | | |
| B) Dakota | 7606' | 7687' | 1SPF | .34" | 18 | open | | | |
| C) Total | | | | | 46 | | | | |
| D) | | | | | | | | | |

| 27. Acid, Fracture, Treatment, Cement Squeeze, etc. | | | | | | | | | |
|-----------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| Depth Interval | | | | Amount and Type of Material | | | | | |
| 7606' - 7766' | | | | Acidize w/ 10bbls of 15% HCL. Frac'd w/ 134,078gals 70Q N2 Slick foam w/ 40,184# of 20/40 Brown sand. Pumped 105bbls of fluid. Total N2:2,379,200SCF. | | | | | |

| 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 |
| 10/12/2012 GRC | 10/16/2012 | 1hr. | → | trace/boph | 34/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-596psi | SI-580psi | → | 1/bopd | 824/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)

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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 | 2263' | 2422' | White, cr-gr ss | Ojo Alamo | 2263' |
| Kirtland | 2422' | 2950' | Gry sh interbedded w/tight, gry, fine-gr ss. | Kirtland | 2422' |
| Fruitland | 2950' | 3296' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland | 2950' |
| Pictured Cliffs | 3296' | 3518' | Bn-Gry, fine grn, tight ss. | Pictured Cliffs | 3296' |
| Lewis | 3518' | 4102' | Shale w/ siltstone stringers | Lewis | 3518' |
| Huerfano Bentonite | 4102' | 4334' | White, waxy chalky bentonite | Huerfano Bentonite | 4102' |
| Chacara | 4334' | 0 | Gry fn grn silty, glauconitic sd stone w/ drk gry shale | Chacara | 4334' |
| Mesa Verde | | 5162' | Light gry, med-fine gr ss, carb sh & coal | Mesa Verde | 0 |
| Menefee | 5162' | 5520' | Med-dark gry, fine gr ss, carb sh & coal | Menefee | 5162' |
| Point Lookout | 5520' | 6020' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation | Point Lookout | 5520' |
| Mancos | 6020' | 6776' | Dark gry carb sh. | Mancos | 6020' |
| Gallup | 6776' | 7500' | Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh. | Gallup | 6776' |
| Greenhorn | 7500' | 7555' | Highly calc gry sh w/ thin lmst. | Greenhorn | 7500' |
| Graneros | 7555' | 7605' | Dk gry shale, fossil & carb w/ pyrite incl. | Graneros | 7555' |
| Dakota | 7605' | | Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks | Dakota | 7605' |
| 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 DHC3685AZ.

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 Kellywood

Title

Staff Regulatory Tech.

Signature

Arleen Kellywood

Date

10/31/12

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

OCT 31 2012

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OMB No. 1004-0137
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office
Bureau of Land Management

| | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other | | b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., | | 5. Lease Serial No. SF-077842 | |
| 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 H (SE/NE), 2100' FNL & 625' FEL At top prod. Interval reported below UNIT E (SW/NW), 1424' FNL & 668' FWL At total depth UNIT E (SW/NW), 1424' FNL & 668' FWL | | 10. Field and Pool or Exploratory Blanco Mesaverde | | 11. Sec., T., R., M., on Block and Survey SURFACE: SEC: 16, T29N, R7W BOTTOM: SEC: 15, T29N, R7W | |
| 14. Date Spudded 8/8/2012 | | 15. Date T.D. Reached 8/25/2012 | | 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/06/2012 GRS | |
| 18. Total Depth: MD 7810' TVD 7524' | | 19. Plug Back T.D.: MD 7803' TVD 7517' | | 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? Was DST run? Directional Survey? | | <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) <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 |
| 12 1/4" | 9 5/8" / H-40 | 32.3# | 0 | 348' | n/a |
| 8 3/4" | 7" / J-55 | 23# | 0 | 5164' | 2987' |
| 6 1/4" | 4 1/2" / L-80 | 11.6# | 0 | 7806' | n/a |
| 24. Tubing Record | | | | | |
| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
| 2 3/8", 4.7#, L-80 | 7713' | n/a | | | |
| 25. Producing Intervals | | | | | |
| Formation | Top | Bottom | Perforated Interval | Size | No. Holes |
| A) Point Lookout/LMF | 5354' | 5638' | ISPF | .34" | 24 |
| B) UMF/Climhouse | 5060' | 5308' | ISPF | .34" | 22 |
| C) Lewis | 4336' | 4717' | ISPF | .34" | 25 |
| D) Total | | | | | 71 |
| 26. Perforation Record | | | | | |
| 27. Acid, Fracture, Treatment, Cement Squeeze, etc. | | | | | |
| Depth Interval | Amount and Type of Material | | | | |
| 5354' - 5638' | Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 15,818gals 70Q N2 Slick foam w/ 100,203# of 20/40 Brown sand. Pumped 83bbbls fluid flush. Total N2: 1,366,600SCF. | | | | |
| 5060' - 5308' | Acidize w/ 10bbbls of 15% HCL. Frac'd w/ 89,152gal 70Q N2 Slick foam w/ 50,431# of 20/40 Brown sand. Pumped 78bbbls fluid flush. Total N2: 1,165,700SCF. | | | | |
| 4336' - 4717' | Frac'd w/ 122,556gal 75Q N2 Visco Elastic foam w/ 69,654# of 20/40 Brown sand. Pumped 67bbbls foamed flush. Total N2: 1,819,500SCF. | | | | |
| 28. Production - Interval A | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF |
| 10/06/2012 GRC | 10/16/2012 | 1hr. | trace/boph | 25/mcf/h | trace/bwph |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF |
| 1/2" | SI-596psi | SI-580psi | 7/bopd | 597/mcf/d | 8/bwpd |
| 28a. Production - Interval B | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF |
| | | | | | |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF |
| SI | | | | | |

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

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

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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)

Arleen Kellywood

Title

Staff Regulatory Tech.

Signature

Date

10/31/12

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