

(October 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FOR APPROVED

OMB NO. 1004-0137

Expires: December 31, 1991

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

|                                                                                                                                                                                                                                                                                                                                           |                                       |                                                                      |                                                              |                                                             |                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------|------------------------------------|
| 1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                                                                                                              |                                       |                                                                      |                                                              | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM-02804             |                                    |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>                                                                                         |                                       |                                                                      |                                                              | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>San Juan 28-6 Unit  |                                    |
| 2. NAME OF OPERATOR<br>BURLINGTON RESOURCES OIL & GAS COMPANY                                                                                                                                                                                                                                                                             |                                       |                                                                      |                                                              | 7. UNIT AGREEMENT NAME<br>San Juan 28-6 Unit                |                                    |
| 3. ADDRESS AND TELEPHONE NO.<br>PO Box 4289, Farmington, NM 87499 (505) 326-9700                                                                                                                                                                                                                                                          |                                       |                                                                      |                                                              | 8. FARM OR LEASE NAME, WELL NO.<br>San Juan 28-6 Unit #138M |                                    |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface 790' SL, 1845' FEL,<br><br>At top prod. interval reported below<br><br>At total depth DHC-2568                                                                                                                                  |                                       |                                                                      |                                                              | 9. API WELL NO.<br>30-039-26252                             |                                    |
| 11. SEC., T., R. M., OR BLOCK AND SURVEY OR AREA<br>Sec. 23, T-28-N, R-6-W                                                                                                                                                                                                                                                                |                                       |                                                                      |                                                              | 10. FIELD AND POOL, OR WILDCAT<br>Blanco MV/Basin DK        |                                    |
| 14. PERMIT NO.                                                                                                                                                                                                                                                                                                                            |                                       | DATE ISSUED<br>AUG 2000                                              |                                                              | 12. COUNTY OR PARISH<br>Rio Arriba                          |                                    |
|                                                                                                                                                                                                                                                                                                                                           |                                       |                                                                      |                                                              | 13. STATE<br>New Mexico                                     |                                    |
| 15. DATE SPUNDED<br>5-10-00                                                                                                                                                                                                                                                                                                               | 16. DATE T.D. REACHED<br>5-17-00      | 17. DATE COMPL. (Ready to prod.)<br>8-3-00                           | 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)<br>6522' GR. 6534' KB |                                                             | 19. ELEV. CASINGHEAD               |
| 20. TOTAL DEPTH, MD & TVD<br>7816'                                                                                                                                                                                                                                                                                                        | 21. PLUG BACK T.D., MD & TVD<br>7812' | 22. IF MULTIPLE COMPL., HOW MANY?<br>2                               | 23. INTERVALS DRILLED BY                                     | ROTARY TOOLS                                                | CABLE TOOLS                        |
| 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*<br>4232-5902' Mesaverde Commingled w/Dakota                                                                                                                                                                                                                |                                       |                                                                      |                                                              | 25. WAS DIRECTIONAL SURVEY MADE                             |                                    |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>CBL-CCL-GR                                                                                                                                                                                                                                                                                        |                                       |                                                                      |                                                              | 27. WAS WELL CORED<br>No                                    |                                    |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                        |                                       |                                                                      |                                                              |                                                             |                                    |
| CASING SIZE/GRADE                                                                                                                                                                                                                                                                                                                         | WEIGHT, LB./FT.                       | DEPTH SET (MD)                                                       | HOLE SIZE                                                    | TOP OF CEMENT, CEMENTING RECORD                             | AMOUNT PULLED                      |
| 9 5/8"                                                                                                                                                                                                                                                                                                                                    | 32.3#                                 | 240'                                                                 | 12 1/4"                                                      | 230 cu.ft.                                                  |                                    |
| 7"                                                                                                                                                                                                                                                                                                                                        | 20#                                   | 3592'                                                                | 8 3/4"                                                       | 1233 cu.ft.                                                 |                                    |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                          |                                       |                                                                      |                                                              |                                                             |                                    |
| SIZE                                                                                                                                                                                                                                                                                                                                      | TOP (MD)                              | BOTTOM (MD)                                                          | SACKS CEMENT*                                                | SCREEN (MD)                                                 | PACKER SET (MD)                    |
| 4 1/2"                                                                                                                                                                                                                                                                                                                                    | 3024'                                 | 7814'                                                                | 660 cu.ft.                                                   |                                                             |                                    |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                                                                                                        |                                       |                                                                      | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.               |                                                             |                                    |
| 4232, 4238, 4244, 4248, 4321, 4324, 4328, 4347, 4353, 4358, 4366, 4373, 4480, 4484, 4491, 4498, 4529, 4533, 4536, 4607, 4610, 4613, 4620, 4674, 4677, 4680, 4736, 4742, 4749, 4773, 4780, 4785, 4792, 4800, 4805, 4860, 4864, 4870, 4875, 4880, 4996, 5023, 5035, 5050, 5056, 5113, 5124, 5140, 5154, 5166, 5180, 5248, 5252, 5260, 5267. |                                       |                                                                      | DEPTH INTERVAL (MD)                                          |                                                             |                                    |
|                                                                                                                                                                                                                                                                                                                                           |                                       |                                                                      | AMOUNT AND KIND OF MATERIAL USED                             |                                                             |                                    |
|                                                                                                                                                                                                                                                                                                                                           |                                       |                                                                      | 4232-4880' 834 bbl 20# linear gel, 200,000# 20/40 Brady sd   |                                                             |                                    |
|                                                                                                                                                                                                                                                                                                                                           |                                       |                                                                      | 4996-5447' 2136 bbl slk wtr, 100,000# 20/40 Brady sd         |                                                             |                                    |
|                                                                                                                                                                                                                                                                                                                                           |                                       |                                                                      | 5530-5902' 2263 bbl slk wtr, 100,000# 20/40 Brady sd         |                                                             |                                    |
|                                                                                                                                                                                                                                                                                                                                           |                                       |                                                                      | Perforations cont'd on back                                  |                                                             |                                    |
| 33. PRODUCTION                                                                                                                                                                                                                                                                                                                            |                                       |                                                                      |                                                              |                                                             |                                    |
| DATE FIRST PRODUCTION                                                                                                                                                                                                                                                                                                                     |                                       | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                                                              |                                                             | WELL STATUS (Producing or shut-in) |
|                                                                                                                                                                                                                                                                                                                                           |                                       | Flowing                                                              |                                                              |                                                             | SI                                 |
| DATE OF TEST<br>8-3-00                                                                                                                                                                                                                                                                                                                    | HOURS TESTED<br>1                     | CHOKE SIZE                                                           | PROD'N FOR TEST PERIOD                                       | OIL-BBL                                                     | GAS-MCF                            |
|                                                                                                                                                                                                                                                                                                                                           |                                       |                                                                      |                                                              |                                                             | 1657 MCF/D Pitot Gauge             |
| FLOW. TUBING PRESS.                                                                                                                                                                                                                                                                                                                       | CASING PRESSURE                       | CALCULATED 24-HOUR RATE                                              | OIL-BBL                                                      | GAS-MCF                                                     | WATER-BBL                          |
| SI 550                                                                                                                                                                                                                                                                                                                                    | SI 600                                |                                                                      |                                                              | 1657 MCF/D                                                  |                                    |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>To be sold                                                                                                                                                                                                                                                                  |                                       |                                                                      |                                                              |                                                             | TEST WITNESSED BY                  |
| 35. LIST OF ATTACHMENTS<br>None                                                                                                                                                                                                                                                                                                           |                                       |                                                                      |                                                              |                                                             |                                    |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                                                                                                         |                                       |                                                                      |                                                              |                                                             |                                    |
| SIGNED <i>Regulatory Supervisor</i>                                                                                                                                                                                                                                                                                                       |                                       | TITLE                                                                |                                                              | DATE 8-7-00                                                 |                                    |

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

| FORMATION             | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                | NAME                                                                                                                                                                                                                                                                   | TOP                     |                  |
|-----------------------|-------|--------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------|
|                       |       |        |                                                                                            |                                                                                                                                                                                                                                                                        | MEAS. DEPTH             | TRUE VERT. DEPTH |
| Ojo Alamo             | 2590' | 2735'  | White, cr-gr ss.                                                                           |                                                                                                                                                                                                                                                                        |                         |                  |
| Kirtland              | 2735' | 2934'  | Gry sh interbedded w/tight, gry, fine-gr ss.                                               |                                                                                                                                                                                                                                                                        |                         |                  |
| Fruitland             | 2934' | 3362'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     | Ojo Alamo<br>Kirtland<br>Fruitland                                                                                                                                                                                                                                     | 2590'<br>2735'<br>2934' |                  |
| Pictured Cliffs       | 3362' | 3466'  | Gray, fine grn, tight ss.                                                                  | Pic.Cliffs<br>Lewis                                                                                                                                                                                                                                                    | 3362'<br>3466'          |                  |
| Lewl.                 | 3466' | 3953'  | Shale w/siltstone stringers                                                                |                                                                                                                                                                                                                                                                        |                         |                  |
| Huerfanito Bentonite* | 3953' | 4311'  | White, waxy chalky bentonite                                                               | Huerfanito Bent.<br>Chacra                                                                                                                                                                                                                                             | 3953'<br>4311'          |                  |
| Chacra                | 4311' | 4911'  | Gry fn grn silty, glauconitic sd stone w/drk gry shale                                     | Cliff House                                                                                                                                                                                                                                                            | 4911'                   |                  |
| Cliff House           | 4911' | 5183'  | ss. Gry, fine-grn, dense sil ss.                                                           | Menefee<br>Pt.Lookout<br>Mancos                                                                                                                                                                                                                                        | 5183'<br>5543'<br>6052' |                  |
| Menefee               | 5183' | 5543'  | Med-dark gry, fine gr ss, carb sh & coal                                                   | Gallup<br>Greenhorn                                                                                                                                                                                                                                                    | 6721'<br>7480'          |                  |
| Point Lookout         | 5543' | 6052'  | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             |                                                                                                                                                                                                                                                                        |                         |                  |
| Mancos                | 6052' | 6721'  | Dark gry carb sh.                                                                          | Graneros<br>Dakota                                                                                                                                                                                                                                                     | 7541'<br>7670'          |                  |
| Gallup                | 6721' | 7480'  | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh        | Perforations continued:<br>5280, 5309, 5313, 5330, 5350,<br>5365, 5398, 5428, 5447, 5530,<br>5546, 5563, 5578, 5591, 5605,<br>5614, 5636, 5651, 5671, 5675,<br>5685, 5704, 5712, 5726, 5732,<br>5748, 5757, 5763, 5778, 5791,<br>5798, 5860, 5868, 5879, 5887,<br>5902 |                         |                  |
| Greenhorn             | 7480' | 7541'  | Highly calc gry sh w/thin lmst.                                                            |                                                                                                                                                                                                                                                                        |                         |                  |
| Graneros              | 7541' | 7670'  | Dk gry shale, fossil & carb w/pyrite incl.                                                 |                                                                                                                                                                                                                                                                        |                         |                  |
| Dakota                | 7670' | 7816'  | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks |                                                                                                                                                                                                                                                                        |                         |                  |

\*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)

38. GEOLOGIC MARKERS