

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT 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"/>                                                                                   |                              | 7. UNIT AGREEMENT NAME<br>NMMNM 78409B                                          |                                        |
| b. TYPE OF COMPLETION: 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"/> |                              | 8. FARM OR LEASE NAME, WELL NO.<br>SAN JUAN 27-5 UNIT #106N                     |                                        |
| 2. NAME OF OPERATOR<br>BURLINGTON RESOURCES OIL & GAS COMPANY                                                                                                                                                                                  |                              | 9. API WELL NO.<br>30-039-27738                                                 |                                        |
| 3. ADDRESS AND TELEPHONE NO.<br>PO Box 4289, Farmington, NM 87499 (505) 326-9700                                                                                                                                                               |                              | 10. FIELD AND POOL, OR WILDCAT<br>BASIN DK & BLANCO MV                          |                                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface Unit E (SWNW), 1925' FNL & 630' FWL<br>At top prod. interval reported below SAME<br>At total depth SAME                              |                              | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 1, T27N, R5W          |                                        |
| 14. PERMIT NO.<br>DATE ISSUED<br>OCT 2004                                                                                                                                                                                                      |                              | 12. COUNTY OR PARISH<br>Rio Arriba                                              |                                        |
| 15. DATE SPUNDED<br>8/26/04                                                                                                                                                                                                                    |                              | 13. STATE<br>New Mexico                                                         |                                        |
| 16. DATE T.D. REACHED<br>9/25/04                                                                                                                                                                                                               |                              | 18. ELEVATIONS (OF, RKB, RT, BR, ETC.)<br>7333' GL; 7346' KB                    |                                        |
| 17. DATE COMPL. (Ready to prod.)<br>10/14/04                                                                                                                                                                                                   |                              | 19. ELEV. CASINGHEAD                                                            |                                        |
| 20. TOTAL DEPTH, MD & TVD<br>8623'                                                                                                                                                                                                             |                              | 21. PLUG, BACK T.D., MD & TVD<br>8618'                                          |                                        |
| 22. IF MULTIPLE COMPL., HOW MANY?<br>2                                                                                                                                                                                                         |                              | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS                         |                                        |
| 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)<br>Blanco Mesaverde - 5154' - 6654'                                                                                                                              |                              | 25. WAS DIRECTIONAL SURVEY MADE<br>NO                                           |                                        |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>GR/CCL Acoustic Cement Bond Log                                                                                                                                                                        |                              | 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                              |
| 9-5/8", H-40                                                                                                                                                                                                                                   | 32.3#                        | 134'                                                                            | 12-1/4"                                |
| 7" J-55                                                                                                                                                                                                                                        | 20#                          | 4397'/ST-3524'                                                                  | 8-3/4"                                 |
| 4-1/2", J-55                                                                                                                                                                                                                                   | 10.5#                        | 8620'                                                                           | 6-1/4"                                 |
| TOP OF CEMENT, CEMENTING RECORD                                                                                                                                                                                                                |                              | AMOUNT PULLED                                                                   |                                        |
| TOC - SURF; 62 SX CEMENT                                                                                                                                                                                                                       |                              | 0                                                                               |                                        |
| TOC - SURF; 545 SX CEMENT                                                                                                                                                                                                                      |                              | 10 bbls                                                                         |                                        |
| TOC @3530'; 286 SX CEMENT                                                                                                                                                                                                                      |                              |                                                                                 |                                        |
| 29. LINER RECORD                                                                                                                                                                                                                               |                              |                                                                                 |                                        |
| SIZE                                                                                                                                                                                                                                           | TOP (MD)                     | BOTTOM (MD)                                                                     | SACKS CEMENT                           |
|                                                                                                                                                                                                                                                |                              |                                                                                 |                                        |
| 30. TUBING RECORD                                                                                                                                                                                                                              |                              |                                                                                 |                                        |
| SIZE                                                                                                                                                                                                                                           | DEPTH SET (MD)               | PACKER SET (MD)                                                                 |                                        |
| 2-3/8", 4.7# J-55                                                                                                                                                                                                                              | 8504'                        | NONE                                                                            |                                        |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                             |                              |                                                                                 |                                        |
| Pt. Lookout - 6250' - 6654' = 25 holes (.34")<br>Menefee - 5763' - 6209' = 28 holes (.34")<br>Lewis Shale - 5154' - 5702' = 25 holes (.34")                                                                                                    |                              |                                                                                 |                                        |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                 |                              |                                                                                 |                                        |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                            |                              | AMOUNT AND KIND OF MATERIAL USED                                                |                                        |
| 6250' - 6654'                                                                                                                                                                                                                                  |                              | 10 b 15% HCL; 1165 bbls S/W, 1338K scf N2, 100K# sand                           |                                        |
| 5763' - 6209'                                                                                                                                                                                                                                  |                              | 10 b 15% HCL; 1159 bbls S/W, 1313K scf N2, 100K# sand                           |                                        |
| 5154' - 5702'                                                                                                                                                                                                                                  |                              | 10 b 15% HCL; 607 b 20# Linear gel w/1432K# N2 &                                |                                        |
|                                                                                                                                                                                                                                                |                              | 200,000 # 20/40 AZ sand.                                                        |                                        |
| 33. PRODUCTION                                                                                                                                                                                                                                 |                              |                                                                                 |                                        |
| DATE FIRST PRODUCTION<br>Not yet                                                                                                                                                                                                               |                              | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                                        |
| WELL STATUS (Producing or shut-in)<br>SI                                                                                                                                                                                                       |                              |                                                                                 |                                        |
| DATE OF TEST<br>10/13/04                                                                                                                                                                                                                       | HOURS TESTED<br>1 hr         | CHOKE SIZE<br>2"                                                                | PROD'N FOR TEST PERIOD<br>OIL-BBL<br>0 |
| FLOW. TUBING PRESS.<br>SI - 625#                                                                                                                                                                                                               | CASING PRESSURE<br>SI - 547# | CALCULATED 24-HOUR RATE<br>0                                                    | GAS-MCF<br>1588 mcf thru 2" pitot      |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>To be sold                                                                                                                                                                       |                              | TEST WITNESSED BY<br>ACCEPTED FOR RECORD                                        |                                        |
| 35. LIST OF ATTACHMENTS<br>This is a commingled MV/DK well being DHC'd per DHC #1586AZ.                                                                                                                                                        |                              |                                                                                 |                                        |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                              |                              |                                                                                 |                                        |
| SIGNED<br>Patsy Chugot                                                                                                                                                                                                                         |                              | TITLE<br>Senior Regulatory Specialist                                           |                                        |
| DATE<br>10/19/2004                                                                                                                                                                                                                             |                              | FIELD OFFICE<br>BY<br>965                                                       |                                        |

\*(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.

NMOC

**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):

38.

**GEOLOGIC MARKERS**

| FORMATION            | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                | NAME             | TOP         |                  |
|----------------------|-------|--------|--------------------------------------------------------------------------------------------|------------------|-------------|------------------|
|                      |       |        |                                                                                            |                  | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo            | 3534' | 3767'  | White, cr-gr ss.                                                                           | Ojo Alamo        | 3534'       |                  |
| Kirtland             | 3767' | 4027'  | Gry sh interbedded w/tight, gry, fine-gr ss.                                               | Kirtland         | 3767'       |                  |
| Fruitland            | 4027' | 4206'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.                     | Fruitland        | 4027'       |                  |
| Pictured Cliffs      | 4206' | 4365'  | Bn-Gry, fine grn, tight ss.                                                                | Pic.Cliffs       | 4206'       |                  |
| Lewis                | 4365' | 4737'  | Shale w/siltstone stringers                                                                | Lewis            | 4365'       |                  |
| Huerfanito Bentonite | 4737' | 5150'  | White, waxy chalky bentonite                                                               | Huerfanito Bent. | 4737'       |                  |
| Chacra               | 5150' | 5759'  | Gry fn grn silty, glauconitic sd stone w/drk gry shale                                     | Chacra           | 5150'       |                  |
| Mesa Verde           | 5759' | 6013'  | Light gry, med-fine gr ss, carb sh & coal                                                  | Mesa Verde       | 5759'       |                  |
| Menefee              | 6013' | 6365'  | Med-dark gry, fine gr ss, carb sh & coal                                                   | Menefee          | 6013'       |                  |
| Point Lookout        | 6365' | 6886'  | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation             | Point Lookout    | 6365'       |                  |
| Mancos               | 6886' | 7528'  | Dark gry carb sh.                                                                          | Mancos           | 6886'       |                  |
| Gallup               | 7528' | 8295'  | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh        | Gallup           | 7528'       |                  |
| La Ventana           | XXXX  | XXXX   | Wt to lt buff to med grn sl carb bent                                                      | Greenhorn        | 8295'       |                  |
| Greenhorn            | 8295' | 8362'  | Highly calc gry sh w/thin lmst.                                                            | Graneros         | 8362'       |                  |
| Graneros             | 8362' | 8398'  | Dk gry shale, fossil & carb w/pyrite incl.                                                 | Dakota           | 8398'       |                  |
| Dakota               | 8398' | 8623'  | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks |                  |             |                  |