

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:<br>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-04226  |   |
| 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   |   |
| 2. NAME OF OPERATOR<br>BURLINGTON RESOURCES OIL & GAS COMPANY   |   | 7. UNIT AGREEMENT NAME   |   |
| 3. ADDRESS AND TELEPHONE NO.<br>PO BOX 4289, Farmington, NM 87499 (505) 326-9700  |   | 8. FARM OR LEASE NAME, WELL NO.<br>McManus #4R   |   |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1130'FSL, 1530'FEL<br>At top prod. interval reported below<br>At total depth TX-265  |   | 9. API WELL NO.<br>30-045-29439  |   |
| 10. FIELD AND POOL, OR WILDCAT<br>Ballard Pictured Cliffs   |   | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 19, T-26-N, R-8-W unit 0   |   |
| 14. PERMIT NO.  |   | DATE ISSUED<br>JUN 3 0 1997  |   |
| 12. COUNTY OR PARISH<br>San Juan  |   | 13. STATE<br>New Mexico  |   |
| 15. DATE SPUNDED<br>4-14-97   | 16. DATE T.D. REACHED<br>4-16-97  | 17. DATE COMPL. (Ready to prod.)<br>6-6-97   | 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)*<br>6359 GR, 6373 KB |
| 19. ELEV. CASINGHEAD  | 20. TOTAL DEPTH, MD & TVD<br>2326   |  |   |
| 21. PLUG, BACK T.D., MD & TVD   |   | 22. IF MULTIPLE COMPL., HOW MANY*  | 23. INTERVALS DRILLED BY<br>0-2326                          |
| 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*<br>2071-2141 Pictured Cliffs   |   | 25. WAS DIRECTIONAL SURVEY MADE  |   |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>AIT, CNL, ML  |   | 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   |
| 8 5/8   | 23#   | 136  | 12 1/4  |
| 3 1/2   | 9.2# & 7.7#   | 2321   | 6 1/4   |
| 29. LINER RECORD  |   |  |   |
| SIZE  | TOP (MD)  | BOTTOM (MD)  | SACKS CEMENT*   |
| 30. TUBING RECORD   |   |  |   |
| SIZE  | DEPTH SET (MD)  | PACKER SET (MD)  |   |
| 31. PERFORATION RECORD (Interval, size and number)<br>2071, 2075, 2078, 2086, 2088, 2090, 2092, 2100, 2104, 2109, 2113, 2120, 2123, 22126, 2130, 2135, 2138, 2141   |   | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL (MD)<br>2071-2141<br>AMOUNT AND KIND OF MATERIAL USED<br>253 bbl 25# linear gel, 95,000# 20/40 Arizona sd<br>301,001 SCF N2 |   |
| 33. PRODUCTION  |   |  |   |
| DATE FIRST PRODUCTION<br>6-6-97   | 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>6-6-97  | HOURS TESTED  | CHOKE SIZE   | PROD FOR TEST PERIOD  |
| FLOW. TUBING PRESS.   | CASING PRESSURE   | CALCULATED 24-HOUR RATE  | OIL-BBL   |
| SI 130  | SI 130  |  | GAS-MCF<br>158 Pitot Gauge                                  |
| 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 [Signature] TITLE Regulatory Administrator DATE 6-26-97

\*(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 of agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

JUN 27 1997

NMOCD

FARMINGTON DISTRICT OFFICE

RV

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):

38. GEOLOGIC MARKERS

| FORMATION       | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.  | NAME        | TOP         |                  |
|-----------------|-------|--------|--|-------------|-------------|------------------|
|                 |       |        |  |             | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Alamo       | 1306' | 1404'  | White, cr-gr ss.   | Ojo Alamo   | 1306'       |                  |
| Kirtland        | 1404' | 1839'  | Gry sh interbedded w/tight, gry, fine-gr ss.                           | Kirtland    | 1404'       |                  |
| Fruitland       | 1839' | 2066'  | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Fruitland   | 1839'       |                  |
| Pictured Cliffs | 2066' | 2326'  | Bn-Gry, fine grn, tight ss.  | Pic. Cliffs | 2066'       |                  |