

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. SF-047020-B | | | | | | | | | | | | | | | | | | | |
|--|--|---|------------------------|---------------------------------|--|------------------------------------|--|---------------------------------|---------------|-------------------------|---------------|---------|--------|--------|------|-------|-------|-------|-------|--------------|--|
| b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input checked="" type="checkbox"/> Other <input type="checkbox"/> | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | | | | | | | | | | | | | | | | | | |
| 2. NAME OF OPERATOR BURLINGTON RESOURCES OIL & GAS COMPANY | | 7. UNIT AGREEMENT NAME | | | | | | | | | | | | | | | | | | | |
| 3. ADDRESS AND TELEPHONE NO. PO BOX 4289, Farmington, NM 87499 (505) 326-9700 | | 8. FARM OR LEASE NAME, WELL NO. Mangum #1 | | | | | | | | | | | | | | | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 2200'FSL, 1175'FWL At top prod. interval reported below At total depth | | 9. API WELL NO. 30-045-07835 | | | | | | | | | | | | | | | | | | | |
| 14. PERMIT NO. DATE ISSUED | | 10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal | | | | | | | | | | | | | | | | | | | |
| 15. DATE SPUDDED 12-6-62 | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec.27, T-29-N, R-11-W | | | | | | | | | | | | | | | | | | | |
| 16. DATE T.D. REACHED 12-21-62 | | 12. COUNTY OR PARISH San Juan | | | | | | | | | | | | | | | | | | | |
| 17. DATE COMPL. (Ready to prod.) 10-3-00 | | 13. STATE New Mexico | | | | | | | | | | | | | | | | | | | |
| 18. ELEVATIONS (DF, RKB, RT, BR, ETC.)* 5515'GR | | 19. ELEV. CASINGHEAD | | | | | | | | | | | | | | | | | | | |
| 20. TOTAL DEPTH, MD & TVD 6350' | | 21. PLUG, BACK T.D., MD & TVD 1800' | | | | | | | | | | | | | | | | | | | |
| 22. IF MULTIPLE COMPL., HOW MANY* | | 23. INTERVALS DRILLED BY | | | | | | | | | | | | | | | | | | | |
| 24. PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 1388-1661' Fruitland Coal | | 25. WAS DIRECTIONAL SURVEY MADE No | | | | | | | | | | | | | | | | | | | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR/CCL | | 27. WAS WELL CORED No | | | | | | | | | | | | | | | | | | | |
| 28. CASING RECORD (Report all strings set in well) | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>CASING SIZE/GRADE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>TOP OF CEMENT, CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>10 3/4</td><td>32.75#</td><td>295'</td><td>13 3/4</td><td>275 sx</td><td></td></tr><tr><td>4 1/2</td><td>10.5#</td><td>6350'</td><td>7 7/8</td><td>1350 cu. ft.</td><td></td></tr></tbody></table> | | | | CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED | 10 3/4 | 32.75# | 295' | 13 3/4 | 275 sx | | 4 1/2 | 10.5# | 6350' | 7 7/8 | 1350 cu. ft. | |
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| 29. LINER RECORD | | | | | | | | | | | | | | | | | | | | | |
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| 30. TUBING RECORD | | | | | | | | | | | | | | | | | | | | | |
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| SN | 1571' | | | | | | | | | | | | | | | | | | | | |
| 31. PERFORATION RECORD (Interval, size and number) 1654-1661', 1639-1644', 1526-1538', 1482-1486', 1388-1393'. | | | | | | | | | | | | | | | | | | | | | |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | | | | | | | | | | | | | | | | | | | |
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| SI 142 | SI 142 | | | TSTM | | | | | | | | | | | | | | | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold | | | | | | | | | | | | | | | | | | | | | |
| 35. LIST OF ATTACHMENTS 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 Supervisor DATE 10-10-00

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

| FORMATION RECORD | | | |
|------------------|------|------------|-----------------|
| FROM- | TO- | TOTAL FEET | FORMATION |
| Surf. | 600 | 600 | Wasatch |
| 600 | 1340 | 740 | Kirtland |
| 1340 | 1660 | 320 | Fruitland |
| 1660 | 1830 | 170 | Pictured Cliffs |
| 1830 | 3240 | 1410 | Lewis |
| 3240 | 4350 | 1110 | Mesa Verde |
| 4350 | 6070 | 1720 | Mancos |
| 6070 | 6351 | 281 | Dakota |
| FROM- | TO- | SOLYT DEEL | FORMATION |
| | | | 18-4004-4 |

OVER
FORMATION RECORD CONTINUED