

Submit to Appropriate

District Office

State Lease - 6 copies

Fee Lease - 5 copies

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

**State of New Mexico**  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

P. O. Box 2089  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

|  |                           |  |                           |  |                               |   |                             |
|--|---------------------------|--|---------------------------|--|-------------------------------|---|-----------------------------|
|  |                           |  |                           |  |                               | WELL API NO.<br>30-045-30255  |                             |
|  |                           |  |                           |  |                               | 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |                             |
|  |                           |  |                           |  |                               | 6. State Oil & Gas Lease No.  |                             |
|  |                           |  |                           |  |                               | 7. Lease Name or Unit Agreement Name<br><br>Allison Unit  |                             |
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>  |                           |  |                           |  |                               |   |                             |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>  |                           |  |                           |  |                               |   |                             |
| 2. Name of Operator<br>BURLINGTON RESOURCES OIL & GAS COMPANY  |                           |  |                           |  |                               | 8. Well No.<br>#47B   |                             |
| 3. Address of Operator<br>PO BOX 4289, Farmington, NM 87499  |                           |  |                           |  |                               | 9. Pool name or Wildcat<br>Blanco Mesaverde   |                             |
| 4. Well Location<br>Unit Letter <u>F</u> : <u>675</u> Feet From The <u>North</u> Line and <u>2655</u> Feet From The <u>West</u> Line<br>Section <u>8</u> Township <u>32N</u> Range <u>6W</u> NMPM    San Juan County, NM   |                           |  |                           |  |                               |   |                             |
| 10. Date Spudded<br>8-14-00  |                           | 11. Date T.D. Reached<br>8-19-00   |                           | 12. Date Compl. (Ready to Prod.)<br>12-8-00                  |                               | 13. Elevations (DF&RKB, RT, GR, etc.)<br>6125'GL/6137'KB  |                             |
| 15. Total Depth<br>5627'   |                           | 16. Plug Back T.D.   |                           | 17. If Multiple Compl. How Many Zones?                       |                               | 18. Intervals Drilled By<br>Rotary Tools<br>0-5627'   |                             |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>3930-5535' Mesaverde  |                           |  |                           |  |                               | 20. Was Directional Survey Made<br>No   |                             |
| 21. Type Electric and Other Logs Run<br>CBL/GR/CCL   |                           |  |                           |  |                               | 22. Was Well Cored<br>No  |                             |
| <b>23. CASING RECORD (Report all strings set in well)</b>  |                           |  |                           |  |                               |   |                             |
| CASING SIZE  |                           | WEIGHT LB/FT.  |                           | DEPTH SET  |                               | HOLE SIZE   |                             |
| 9 5/8  |                           | 32.3#  |                           | 235'   |                               | 12 1/4  |                             |
| 7  |                           | 20-23#   |                           | 3154'  |                               | 8 3/4   |                             |
|  |                           |  |                           |  |                               | CEMENTING RECORD  |                             |
|  |                           |  |                           |  |                               | 236 cu ft   |                             |
|  |                           |  |                           |  |                               | 901 cu ft   |                             |
|  |                           |  |                           |  |                               |   |                             |
| <b>24. LINER RECORD</b>  |                           |  |                           |  |                               |   |                             |
| SIZE   |                           | TOP  |                           | BOTTOM   |                               | SACKS CEMENT  |                             |
| 4 1/2  |                           | 3002'  |                           | 5624'  |                               | 368 cu ft   |                             |
|  |                           |  |                           |  |                               | SCREEN  |                             |
|  |                           |  |                           |  |                               |   |                             |
| <b>25. TUBING RECORD</b>   |                           |  |                           |  |                               |   |                             |
| SIZE   |                           | DEPTH SET  |                           | PACKER SET   |                               |   |                             |
| 2 3/8  |                           | 5121'  |                           |  |                               |   |                             |
| 26. Perforation record (interval, size, and number)<br>3930, 3936, 3938, 3940, 3942, 3944, 3946, 3948, 3950, 3952, 3954, 3956, 3974, 3976, 3978, 3980, 3982, 3984, 3986, 4274, 4276, 4278, 4288, 4290, 4292, 4294, 4296, 4322, 4366, 4368, 4370, 4372, 4374, 4376, 4378, 4380, 4382, 4426, 4428, 4430, 4432, 4436, 4438, 4440, 4442, 4444, 4446, 4448, 4465, 4478, 4668, 4674, 4694, 4774, 4800, 4821, 4830, 4841, 4857, 4878. |                           |  |                           |  |                               |   |                             |
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  |                           |  |                           |  |                               |   |                             |
| DEPTH INTERVAL   |                           |  |                           | AMOUNT AND KIND MATERIAL USED                                |                               |   |                             |
| 3930-4478'   |                           |  |                           | 848 bbl 20# Inr gel, 200,000# 20/40 AZ sd, 1,312,100 SCF N2. |                               |   |                             |
| 4668-5104'   |                           |  |                           | 2456 bbl slk wtr, 100,000# 20/40 AZ sand.                    |                               |   |                             |
| 5168-5535'   |                           |  |                           | 2547 bbl slk wtr, 100,000# 20/40 AZ sand.                    |                               |   |                             |
|  |                           |  |                           |  |                               |   |                             |
|  |                           |  |                           |  |                               |   |                             |
| <b>28. PRODUCTION</b>  |                           |  |                           |  |                               |   |                             |
| Date First Production  |                           | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                           |  |                               | Well Status (Prod. or Shut-in)<br>SI  |                             |
| Date of Test<br>12-8-00  | Hours Tested              | Choke Size   | Prod'n for<br>Test Period | Oil - Bbl.   | Gas - MCF                     | Water - Bbl.  | Gas - Oil Ratio             |
| Flow Tubing Press.<br>SI 890   | Casing Pressure<br>SI 891 | Calculated 24-Hour Rate  |                           | Oil - Bbl.   | Gas - MCF<br>1400 Pitot gauge | Water - Bbl.  | Oil Gravity - API - (Corr.) |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>To be sold   |                           |  |                           |  |                               | Test Witnessed By   |                             |
| 30. List Attachments<br>None   |                           |  |                           |  |                               |   |                             |
| 31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief   |                           |  |                           |  |                               |   |                             |
| Signature<br>  |                           | Name<br>Peggy Cole   |                           | Title<br>Regulatory Supervisor                               |                               | Date<br>12-20-00  |                             |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE.

## Southeastern New Mexico

|                    |                  |
|--------------------|------------------|
| T. Anhy            | T. Canyon        |
| T. Salt            | T. Strawn        |
| B. Salt            | T. Atoka         |
| T. Yates           | T. Miss          |
| T. 7 Rivers        | T. Devonian      |
| T. Queen           | T. Silurian      |
| T. Grayburg        | T. Montoya       |
| T. San Andres      | T. Simpson       |
| T. Glorieta        | T. McKee         |
| T. Paddock         | T. Ellenburger   |
| T. Blinberry       | T. Gr. Wash      |
| T. Tubb            | T. Delaware Sand |
| T. Drinkard        | T. Bone Springs  |
| T. Abo             | T.               |
| T. Wolfcamp        | T.               |
| T. Penn            | T.               |
| T. Cisco (Bough C) | T.               |

## Northwestern New Mexico

|                       |            |                  |
|-----------------------|------------|------------------|
| T. Ojo Alamo          | 1820'      | T. Penn. "B"     |
| T. Kirtland-Fruitland | 1925-2264' | T. Penn. "C"     |
| T. Pictured Cliffs    | 2710'      | T. Penn. "D"     |
| T. Cliff House        | 4664'      | T. Leadville     |
| T. Menefee            | 5029'      | T. Madison       |
| T. Point Lookout      | 5232'      | T. Elbert        |
| T. Mancos             |            | T. McCracken     |
| T. Gallup             |            | T. Ignacio Otzte |
| Base Greenhorn        |            | T. Granite       |
| T. Dakota             |            | T. Lewis         |
| T. Morrison           |            | T. Hrfnito. Bnt. |
| T. Todilto            |            | T. Chacra        |
| T. Entrada            |            | T. Graneros      |
| T. Wingate            |            |                  |
| T. Chinle             |            |                  |
| T. Permian            |            |                  |
| T. Penn "A"           |            |                  |

## OIL OR GAS SANDS OR ZONES

|             |                |             |                |
|-------------|----------------|-------------|----------------|
| No. 1, from | _____ to _____ | No. 3, from | _____ to _____ |
| No. 2, from | _____ to _____ | No. 4, from | _____ to _____ |

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|             |                |      |       |
|-------------|----------------|------|-------|
| No. 1, from | _____ to _____ | feet | _____ |
| No. 2, from | _____ to _____ | feet | _____ |
| No. 3, from | _____ to _____ | feet | _____ |

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From  | To    | Lithology   | From | To | Thicknes<br>s in Feet | Lithology |
|-------|-------|---|------|----|-----------------------|-----------|
| 1820' | 1925' | White, cr-gr ss.  |      |    |                       |           |
| 1925' | 2264' | Gry sh interbedded w/tight, gry, fine-gr ss.                                    |      |    |                       |           |
| 2264' | 2710' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.          |      |    |                       |           |
| 2710' | 3067' | Bn-Gry, fine grn, tight ss.   |      |    |                       |           |
| 3067' | 3782' | Shale w/siltstone stringers   |      |    |                       |           |
| 3782' | 4270' | White, waxy chalky bentonite  |      |    |                       |           |
| 4270' | 4664' | Gry fn grn silty, glauconitic sd stone w/drak gry shale                         |      |    |                       |           |
| 4664' | 5029' | ss. Gry, fine-grn, dense sil ss.  |      |    |                       |           |
| 5029' | 5232' | Med-dark gry, fine gr ss, carb sh & coal  |      |    |                       |           |
| 5232' | 5496' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation |      |    |                       |           |

**Perfs Continued:** 4904, 4915, 4927, 4946, 4953, 4980, 4990, 4995, 5017, 5033, 5045, 5072, 5080, 5104, 5168, 5214, 5226, 5234, 5249, 5257, 5268, 5275, 5290, 5300, 5307, 5318, 5336, 5343, 5377, 5392, 5396, 5416, 5444, 5456, 5476, 5504, 5535.