

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

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

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|   |  |  |  |                                |  |  |  |  |  |                       |  |  |  |  |  |
|---|--|--|--|--------------------------------|--|--|--|--|--|-----------------------|--|--|--|--|--|
| <b>1a. TYPE OF WELL:</b><br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>  |  |  |  |                                |  | WELL API NO.<br>30-039-26835   |  |  |  |                       |  |  |  |  |  |
| <b>b. TYPE OF COMPLETION:</b><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"/>  |  |  |  |                                |  | 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>          |  |  |  |                       |  |  |  |  |  |
| 2. Name of Operator<br>BURLINGTON RESOURCES OIL & GAS COMPANY   |  |  |  |                                |  | 6. State Oil & Gas Lease No.<br>E-5111-6   |  |  |  |                       |  |  |  |  |  |
| 3. Address of Operator<br>PO BOX 4289, Farmington, NM 87499   |  |  |  |                                |  | 7. Lease Name or Unit Agreement Name<br><br>San Juan 30-6 Unit   |  |  |  |                       |  |  |  |  |  |
| 4. Well Location<br>Unit Letter <u>N</u> : <u>675'</u> Feet From The <u>South</u> Line and <u>1915'</u> Feet From The <u>West</u> Line<br>Section <u>36</u> Township <u>30N</u> Range <u>7W</u> NMPM Rio Arriba County  |  |  |  |                                |  | 8. Well No.<br>87B   |  |  |  |                       |  |  |  |  |  |
| 10. Date Spudded<br>12/6/02   |  |  |  |                                |  | 11. Date T.D. Reached<br>1/8/03  |  |  |  |                       |  |  |  |  |  |
| 12. Date Compl. (Ready to Prod.)<br>2-8-03  |  |  |  |                                |  | 13. Elevations (DF&RKB, RT, GR, etc.)<br>6898' GR, 6910' KB  |  |  |  |                       |  |  |  |  |  |
| 14. Elev. Casinghead  |  |  |  |                                |  | 15. Total Depth<br>6440'   |  |  |  |                       |  |  |  |  |  |
| 16. Plug Back T.D.<br>6435'   |  |  |  |                                |  | 17. If Multiple Compl. How Many Zones?<br>18. Intervals Drilled By<br>Rotary Tools<br>Cable Tools<br>0-6440' |  |  |  |                       |  |  |  |  |  |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>4527-6301' Mesaverde   |  |  |  |                                |  | 20. Was Directional Survey Made  |  |  |  |                       |  |  |  |  |  |
| 21. Type Electric and Other Logs Run<br>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  |  | CEMENTING RECORD   |  | AMOUNT PULLED         |  |  |  |  |  |
| 9 5/8"  |  | 32.3#  |  | 139'                           |  | 12 1/4"  |  | 80 cu.ft.  |  |                       |  |  |  |  |  |
| 7"  |  | 23# & 20#  |  | 4161'                          |  | 8 3/4"   |  | 1251 cu.ft.  |  |                       |  |  |  |  |  |
|   |  |  |  |                                |  |  |  |  |  |                       |  |  |  |  |  |
|   |  |  |  |                                |  |  |  |  |  |                       |  |  |  |  |  |
|   |  |  |  |                                |  |  |  |  |  |                       |  |  |  |  |  |
| <b>24. LINER RECORD</b>   |  |  |  |                                |  |  |  |  |  |                       |  | <b>25. TUBING RECORD</b>                               |  |  |  |
| SIZE  |  | TOP  |  | BOTTOM                         |  | SACKS CEMENT   |  | SCREEN   |  | SIZE                  |  | DEPTH SET  |  | PACKER SET                                       |  |
| 4 1/2"  |  | 4042'  |  | 6438'                          |  | 277 cu.ft.   |  |  |  | 2 3/8"                |  | 6010'  |  |  |  |
|   |  |  |  |                                |  |  |  |  |  | (SN @ 6008')          |  |  |  |  |  |
| <b>26. Perforation record (interval, size, and number)</b><br>4527, 4551, 4562, 4570, 4583, 4804, 4812, 4818, 4822, 4829, 4874, 4878, 4950, 4955, 4964, 4975, 5010, 5053, 5103, 5126, 5234, 5236, 5343, 5355, 5368, 5470, 5558, 5565, 5604, 5608, 5614, 5620, 5626, 5634, 5638, 5644, 5655, 5677, 5680, 5693, 5697, 5716, 5730, 5744, |  |  |  |                                |  |  |  |  |  |                       |  | <b>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b> |  |  |  |
|   |  |  |  |                                |  |  |  |  |  |                       |  | DEPTH INTERVAL   |  | AMOUNT AND KIND MATERIAL USED                    |  |
|   |  |  |  |                                |  |  |  |  |  |                       |  | 4527-5470'   |  | 654 bbl 20# linear gel, 65,000# 20/40 Arizona sd |  |
|   |  |  |  |                                |  |  |  |  |  |                       |  | 5558-5878'   |  | 1127 bbl 60% slk foam, 100,000# 20/40 Arizona sd |  |
|   |  |  |  |                                |  |  |  |  |  |                       |  | 5970-6301'   |  | 1130 bbl 60% slk foam, 100,000# 20/40 Arizona sd |  |
| <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>2/8/03  |  | Hours Tested<br>1  |  | Choke Size<br>2"               |  | Prod'n for Test Period   |  | Oil - Bbl.<br>Gas - MCF<br>Water - Bbl.<br>Gas - Oil Ratio |  | 970 MCF/D Pitot Gauge |  |  |  |  |  |
| Flow Tubing Press.<br>SI 340  |  | Casing Pressure<br>SI 350  |  | Calculated 24-Hour Rate        |  | Oil - Bbl.<br>Gas - MCF<br>Water - Bbl.  |  | Oil Gravity - API - (Corr.)                                |  | 970 MCF/D             |  |  |  |  |  |
| 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 <u>Peggy Cole</u>   |  |  |  | Printed Name <u>Peggy Cole</u> |  |  |  | Title <u>Regulatory Supervisor</u>                         |  |                       |  | Date <u>2/10/03</u>                                    |  |  |  |

# 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 2873'               | T. Penn. "B" _____            |
| T. Kirtland-Fruitland 2990-3495' | T. Penn. "C" _____            |
| T. Pictured Cliffs 3775'         | T. Penn. "D" _____            |
| T. Cliff House 4520'             | T. Leadville _____            |
| T. Menefee 4540'                 | T. Madison _____              |
| T. Point Lookout 6022'           | T. Elbert _____               |
| T. Mancos _____                  | T. McCracken _____            |
| T. Gallup _____                  | T. Ignacio Otzte _____        |
| Base Greenhorn _____             | T. Granite _____              |
| T. Dakota _____                  | T. Lewis - 3878'              |
| T. Morrison _____                | T. Huerfano Bentonite - 4514' |
| T. Todillo _____                 | T. Chacra - 4802'             |
| T. Entrada _____                 | T. _____                      |
| T. Wingate _____                 | T. _____                      |
| T. Chinle _____                  | T. _____                      |
| T. Permian _____                 | T. _____                      |
| T. Penn "A" _____                | T. _____                      |

## 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    | Thickness<br>in Feet | Lithology  | From | To | Thickness<br>in Feet | Lithology |
|-------|-------|----------------------|--|------|----|----------------------|-----------|
| 2873' | 2990' |                      | White, cr-gr ss.   |      |    |                      |           |
| 2990' | 3495' |                      | Gry sh interbedded w/tight, gry,<br>fine-gr ss                                       |      |    |                      |           |
| 3495' | 3775' |                      | Dk gry-gry carb sh, coal, grn silts,<br>light-med gry, tight, fine gr ss             |      |    |                      |           |
| 3775' | 3878' |                      | Bn-gry, fine grn, tight ss   |      |    |                      |           |
| 3878' | 4514' |                      | Shale w/siltstone stringers  |      |    |                      |           |
| 4514' | 4802' |                      | White, waxy chalky bentonite   |      |    |                      |           |
| 4802' | 5338' |                      | Gry fn grn silty, glauconitic sd<br>stone w/drck gry shale                           |      |    |                      |           |
| 5338' | 5660' |                      | ss. Gry, fine-grn, dense sil ss.   |      |    |                      |           |
| 5660' | 6022' |                      | Med-dark gry, fine gr ss, carb sh<br>& coal  |      |    |                      |           |
| 6022' | 6440' |                      | Med-light gry, very fine gr ss<br>w/frequent sh breaks in lower part<br>of formation |      |    |                      |           |

Perforations continued:

5752, 5777, 5797, 5811, 5818, 5855, 5866, 5872,  
 5878, 5970, 5975, 5980, 5986, 5993, 5996,  
 6004, 6016, 6026, 6029, 6032, 6038, 6041,  
 6046, 6051, 6057, 6060, 6064, 6070, 6076,  
 6080, 6086, 6229, 6236, 6262, 6284, 6301'