

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

|                                                                                                                                                                                                                                                 |                   |                                                                     |                        |                                                         |                                |                                                                                                     |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------|------------------------|---------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------|-----------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                 |                   |                                                                     |                        |                                                         |                                | WELL API NO.<br><b>30-039-27575</b>                                                                 |                 |
| 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"/> |                   |                                                                     |                        |                                                         |                                | 6. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |                 |
| 2. Name of Operator<br><b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY</b>                                                                                                                                                                        |                   |                                                                     |                        |                                                         |                                | 6. State Oil & Gas Lease No.                                                                        |                 |
| 3. Address of Operator<br><b>PO BOX 4289, Farmington, NM 87499</b>                                                                                                                                                                              |                   |                                                                     |                        |                                                         |                                | Lease Name or Unit Agreement Name<br><b>San Juan 28-5 Unit 7460</b>                                 |                 |
| 4. Well Location<br>Unit Letter <b>C</b> <b>100'</b> Feet From The <b>North</b> Line and <b>2350'</b> Feet From The <b>West</b> Line<br>Section <b>33</b> Township <b>28N</b> Range <b>5W</b> NMPM <b>Rio Arriba</b> County                     |                   |                                                                     |                        |                                                         |                                |                                                                                                     |                 |
| 10. Date Spudded<br><b>6/9/04</b>                                                                                                                                                                                                               |                   | 11. Date T.D. Reached<br><b>7/12/04</b>                             |                        | 12. Date Compl. (Ready to Prod.)<br><b>8/12/04</b>      |                                | 13. Elevations (DF&RKB, RT, GR, etc.)<br><b>6548' GL</b>                                            |                 |
| 15. Total Depth<br><b>7801'</b>                                                                                                                                                                                                                 |                   | 16. Plug Back T.D.<br><b>7796'</b>                                  |                        | 17. If Multiple Compl. How Many Zones?                  |                                | 18. Intervals Drilled By<br><b>X</b>                                                                |                 |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>Basin Dakota - 7575' - 7768'</b>                                                                                                                                        |                   |                                                                     |                        |                                                         |                                | 20. Was Directional Survey Made<br><b>No</b>                                                        |                 |
| 21. Type Electric and Other Logs Run<br><b>Cement bond long w/GR/VDL &amp; casing collars</b>                                                                                                                                                   |                   |                                                                     |                        |                                                         |                                | 22. Was Well Cored<br><b>No</b>                                                                     |                 |
| 23. CASING RECORD (Report all strings set in well)                                                                                                                                                                                              |                   |                                                                     |                        |                                                         |                                |                                                                                                     |                 |
| CASING SIZE                                                                                                                                                                                                                                     | WEIGHT LB/FT.     | DEPTH SET                                                           | HOLE SIZE              | CEMENTING RECORD                                        | AMOUNT PULLED                  |                                                                                                     |                 |
| 9-5/8"                                                                                                                                                                                                                                          | 32.3#, H-40, ST&C | 134'                                                                | 12-1/4"                | 50-69 sx (68.5 cf)                                      | 2 bbls                         |                                                                                                     |                 |
| 7"                                                                                                                                                                                                                                              | 20#, J-55 ST&C    | 3659'                                                               | 8-3/4"                 | 466-485 sx (926 cf)                                     | 38 bbls                        |                                                                                                     |                 |
| 4-1/2"                                                                                                                                                                                                                                          | 10.5#, J-55 ST&C  | 7797'                                                               | 6-1/4"                 | 291 sx (584 cf)                                         | TOC 2820'                      |                                                                                                     |                 |
| 24. LINER RECORD                                                                                                                                                                                                                                |                   |                                                                     |                        |                                                         |                                |                                                                                                     |                 |
| SIZE                                                                                                                                                                                                                                            | TOP               | BOTTOM                                                              | SACKS CEMENT           | SCREEN                                                  | 25. TUBING RECORD              |                                                                                                     |                 |
|                                                                                                                                                                                                                                                 |                   |                                                                     |                        |                                                         | SIZE                           | DEPTH SET                                                                                           | PACKER SET      |
|                                                                                                                                                                                                                                                 |                   |                                                                     |                        |                                                         | 2-3/8"                         | 7699'                                                                                               |                 |
| 26. Perforation record (interval, size, and number)                                                                                                                                                                                             |                   |                                                                     |                        | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.         |                                |                                                                                                     |                 |
| Dakota                                                                                                                                                                                                                                          |                   |                                                                     |                        | DEPTH INTERVAL                                          |                                |                                                                                                     |                 |
| .34" @ 2 spf - 7673' - 7768' = 40 holes                                                                                                                                                                                                         |                   |                                                                     |                        | AMOUNT AND KIND MATERIAL USED                           |                                |                                                                                                     |                 |
| .34" @ 1 spf - 7575' - 7661' = 18 holes                                                                                                                                                                                                         |                   |                                                                     |                        | 7575' - 7768'                                           |                                |                                                                                                     |                 |
|                                                                                                                                                                                                                                                 |                   |                                                                     |                        | 10bbls acid; 1767 bbls Sillickwater w/40,000# 20/40 TLC |                                |                                                                                                     |                 |
| 28. PRODUCTION                                                                                                                                                                                                                                  |                   |                                                                     |                        |                                                         |                                |                                                                                                     |                 |
| Date First Production                                                                                                                                                                                                                           |                   | Production Method (Flowing, gas lift, pumping - Size and type pump) |                        |                                                         | Well Status (Prod. or Shut-in) |                                                                                                     |                 |
|                                                                                                                                                                                                                                                 |                   | Flowing                                                             |                        |                                                         | SI                             |                                                                                                     |                 |
| Date of Test                                                                                                                                                                                                                                    | Hours Tested      | Choke Size                                                          | Prod'n for Test Period | Oil - Bbl.                                              | Gas - MCF                      | Water - Bbl.                                                                                        | Gas - Oil Ratio |
| 8/11/04                                                                                                                                                                                                                                         | 1                 |                                                                     |                        |                                                         | 702 mcf thru pitot             |                                                                                                     |                 |
| Flow Tubing Press.                                                                                                                                                                                                                              | Casing Pressure   | Calculated 24-Hour Rate                                             | Oil - Bbl              | Gas - MCF                                               | Water - Bbl                    | Oil Gravity - API - (Corr.)                                                                         |                 |
| SI - 585 psi                                                                                                                                                                                                                                    | SI - 696 psi      |                                                                     | 0                      | 702 mcf                                                 | 0                              |                                                                                                     |                 |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                                      |                   |                                                                     |                        |                                                         |                                | Test Witnessed By                                                                                   |                 |
| To be sold                                                                                                                                                                                                                                      |                   |                                                                     |                        |                                                         |                                |                                                                                                     |                 |
| 30. List Attachments                                                                                                                                                                                                                            |                   |                                                                     |                        |                                                         |                                |                                                                                                     |                 |
| 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                                                                                                                                                                                                                                       |                   | Printed Name                                                        |                        | Title                                                   |                                | Date                                                                                                |                 |
| <i>Patsy Clugston</i>                                                                                                                                                                                                                           |                   | Patsy Clugston                                                      |                        | Sr. Regulatory Specialist                               |                                | 8/18/04                                                                                             |                 |

# 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          | 2735         | T. Penn. "B"        |
| T. Kirtland-Fruitland | 2880' - 3216 | T. Penn. "C"        |
| T. Pictured Cliffs    | 3389         | T. Penn. "D"        |
| T. Cliff House        | 4940         | T. Leadville        |
| T. Menefee            | 5216         | T. Madison          |
| T. Point Lookout      | 5542         | T. Elbert           |
| T. Mancos             | 6058         | T. McCracken        |
| T. Gallup             | 6717         | T. Ignacio Otzte    |
| Base Greenhorn        | 7466         | T. Granite          |
| T. Dakota             | 7572         | T. Lewis - 3474     |
| T. Morrison           |              | T. Huer. Bent. 3978 |
| T. Todillo            |              | T. Chacra - 4338    |
| 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                                                                                        |
|------|------|----------------------|--------------------------------------------------------------------------------------|------|------|----------------------|--------------------------------------------------------------------------------------------------|
| 2735 | 2880 |                      | White, cr-gr ss.                                                                     | 6058 | 6717 |                      | Dark gry carb shale                                                                              |
| 2880 | 3216 |                      | Gry sh interbedded w/tight, gry,<br>fine-gr ss                                       | 6717 | 7466 |                      | Lt gry to bn calc carb micac glauc<br>silts & very fine gr gry ss w/irreg.<br>interbedded sh     |
| 3216 | 3389 |                      | Dk gry-gry carb sh, coal, gm silts,<br>light-med gry, tight, fine gr ss              | 7466 | 7534 |                      | Highly calc gry sh w/thin lmst                                                                   |
| 3389 | 3978 |                      | Bn-gry, fine gm, tight ss                                                            | 7534 | 7572 |                      | Dk gry shale, fossil & carb<br>w/pyrite incl                                                     |
| 3978 | 4338 |                      | White, waxy chalky bentonite                                                         | 7572 | 7801 |                      | Lt to dk gry foss carb sl calc sl<br>silty ss w/pyrite incl thin sh bands<br>clay & shale breaks |
| 4338 | 4940 |                      | Gry fn gm silty, glauconitic sd<br>stone w/drck gry shale                            |      |      |                      |                                                                                                  |
| 4940 | 5216 |                      | ss. Gry, fine-gm, dense sil ss.                                                      |      |      |                      |                                                                                                  |
| 5216 | 5542 |                      | Med-dark gry, fine gr ss, carb sh<br>& coal                                          |      |      |                      |                                                                                                  |
| 5542 | 6058 |                      | Med-light gry, very fine gr ss<br>w/frequent sh breaks in lower part<br>of formation |      |      |                      |                                                                                                  |