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P.O. Box 1980, Hobbs, NM 88240

P.O. Drawer DD, Artesia, NM 88210

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-105

Revised 1-1-89

## OIL CONSERVATION DIVISION

P. O. Box 2089

Santa Fe, New Mexico 87504-2088

RECEIVED  
AUG 19 1998  
OIL CON. DIV.  
DIST. 3

1000 Rio Brazos Rd., Aztec, NM 87410

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                                                                                                                                                                          |                                  |                                                            |                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------|-------------------------------------------------------------|
| 1. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                           |                                  | 7. Lease Name or Unit Agreement Name<br>San Juan 27-5 Unit |                                                             |
| 2. 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"/> DHC-1988 |                                  | 8. Well No.<br>#115M                                       |                                                             |
| 3. Name of Operator<br>BURLINGTON RESOURCES OIL & GAS COMPANY                                                                                                                                                                                            |                                  | 9. Pool name or Wildcat<br>Blanco MV/Basin DK              |                                                             |
| 4. Address of Operator<br>PO BOX 4289, Farmington, NM 87499                                                                                                                                                                                              |                                  |                                                            |                                                             |
| 5. Well Location<br>Unit Letter E : 1810 Feet From The North Line and 1050 Feet From The West Line                                                                                                                                                       |                                  |                                                            |                                                             |
| Section 23 Township 27N Range 5W NMPM Rio Arriba County, NM                                                                                                                                                                                              |                                  |                                                            |                                                             |
| 6. Date Spudded<br>7-10-98                                                                                                                                                                                                                               | 11. Date T.D. Reached<br>7-18-98 | 12. Date Compl. (Ready to Prod.)<br>8-6-98                 | 13. Elevations (DF&RKB, RT, GR, etc.)<br>6534' GL. 6546' KB |
| 14. Elev. Casinghead                                                                                                                                                                                                                                     |                                  |                                                            |                                                             |
| 15. Total Depth<br>7774'                                                                                                                                                                                                                                 | 16. Plug Back T.D.<br>7758'      | 17. If Multiple Compl. How Many Zones?<br>2                | 18. Intervals Drilled By<br>Rotary Tools<br>0-7774'         |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>7522 - 7728' Dakota Commingled w/Mesaverde                                                                                                                                          |                                  |                                                            | 20. Was Directional Survey Made<br>No                       |
| 21. Type Electric and Other Logs Run<br>CSL-GR-CCL                                                                                                                                                                                                       |                                  |                                                            | 22. Was Well Cored<br>No                                    |

## 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#         | 225'      | 12 1/4    | 236 cu ft        |               |
|             | 20#           | 3530'     | 8 3/4     | 1131 cu ft       |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |
|             |               |           |           |                  |               |

| LINER RECORD |       |        |              | TUBING RECORD |       |           |
|--------------|-------|--------|--------------|---------------|-------|-----------|
| SIZE         | TOP   | BOTTOM | SACKS CEMENT | SCREEN        | SIZE  | DEPTH SET |
| 4 1/2        | 2700' | 7770'  | 645 cu ft    |               | 2 3/8 | 7694'     |
|              |       |        |              |               |       |           |
|              |       |        |              |               |       |           |

|                                                                                                                                                          |  |                                                                                                                                                                          |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 23. Perforation record (interval, size, and number)<br>7522, 7535, 7546, 7560, 7586, 7596, 7623, 7642,<br>7656, 7670, 7685, 7692, 7698, 7706, 7718, 7728 |  | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL<br>7522 to 7728'<br>AMOUNT AND KIND MATERIAL USED<br>6,500 gal X-link gel, 90.000# 20/40 Tempered sand |  |
|                                                                                                                                                          |  |                                                                                                                                                                          |  |
|                                                                                                                                                          |  |                                                                                                                                                                          |  |
|                                                                                                                                                          |  |                                                                                                                                                                          |  |
|                                                                                                                                                          |  |                                                                                                                                                                          |  |

## PRODUCTION

|                                                                          |                            |                                                                                |                        |                                      |                           |
|--------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------|------------------------|--------------------------------------|---------------------------|
| 24. Date First Production<br>8-6-98                                      |                            | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                        | Well Status (Prod. or Shut-in)<br>SI |                           |
| Date of Test<br>8-6-98                                                   | Hours Tested               | Choke Size                                                                     | Prod'n for Test Period | Oil - Bbl.<br>473 Pitot Gauge        | Gas - MCF<br>Water - Bbl. |
| Flowing Press.<br>SI 550                                                 | Casing Pressure<br>SI 1085 | Calculated 24-Hour Rate                                                        | Oil - Bbl.             | Gas - MCF                            | Water - Bbl.              |
| 25. Description of Gas (Sold, used for fuel, vented, etc.)<br>To be sold |                            |                                                                                |                        | Test Witnessed By                    |                           |
| 26. Attachments<br>None                                                  |                            |                                                                                |                        |                                      |                           |

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 Peggy Bradfield

Title

Regulatory Administrator

Date 8/13/98

# 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 2712'                | T. Penn. "B" _____     |
| T. Kirtland-Fruitland 2878'-2958' | T. Penn. "C" _____     |
| T. Pictured Cliffs 3323'          | T. Penn. "D" _____     |
| T. Cliff House 4892'              | T. Leadville _____     |
| T. Menefee 5138'                  | T. Madison _____       |
| T. Point Lookout 5500'            | T. Elbert _____        |
| T. Mancos 5912'                   | T. McCracken _____     |
| T. Gallup 6665'                   | T. Ignacio Otzte _____ |
| Base Greenhorn 7435'              | T. Granite _____       |
| T. Dakota 7622'                   | T. Lewis 3419'         |
| T. Morrison _____                 | T. Hrnito. Bnt. 3836'  |
| T. Todilto _____                  | T. Chacra 4290'        |
| T. Entrada _____                  | T. Graneros 7496'      |
| 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                                                                                        |
|------|------|----------------------|--------------------------------------------------------------------------------------|------|------|----------------------|--------------------------------------------------------------------------------------------------|
| 2712 | 2878 |                      | White, cr-gr ss.                                                                     | 5912 | 6665 |                      | Dark gry carb sh.                                                                                |
| 2878 | 2958 |                      | Gry sh interbedded w/tight, gry,<br>fine-gr ss                                       | 6665 | 7435 |                      | Lt gry to brn calc carb micac glau<br>silt & very fine gr gry ss w/irreg.<br>interbedded sh      |
| 2958 | 3323 |                      | Dk gry-gry carb sh, coal, grn silts,<br>light-med gry, tight, fine gr ss             | 7435 | 7496 |                      | Highly calc gry sh w/thin lmst                                                                   |
| 3323 | 3419 |                      | Bn-gry, fine grn, tight ss                                                           | 7496 | 7622 |                      | Dk gry shale, fossil & carb<br>w/pyrite incl                                                     |
| 3419 | 3836 |                      | Shale w/siltstone stringers                                                          | 7622 | 7774 |                      | Lt to dk gry foss carb sl calc sl<br>silty ss w/pyrite incl thin sh bands<br>clay & shale breaks |
| 3836 | 4290 |                      | White, waxy chalky bentonite                                                         |      |      |                      |                                                                                                  |
| 4290 | 4892 |                      | Gry fn grn silty, glauconitic sd<br>stone w/drak gry shale                           |      |      |                      |                                                                                                  |
| 4892 | 5138 |                      | ss. Gry, fine-grn, dense sil ss.                                                     |      |      |                      |                                                                                                  |
| 5138 | 5500 |                      | Med-dark gry, fine gr ss, carb sh<br>& coal                                          |      |      |                      |                                                                                                  |
| 5500 | 5912 |                      | Med-light gry, very fine gr ss<br>w/frequent sh breaks in lower part<br>of formation |      |      |                      |                                                                                                  |