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District Office  
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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P. O. Box 2089

Santa Fe, New Mexico 87504-2089

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

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"/>                                                                                                                                                                                                                                                                |                                  | 2. Name of Operator<br>BURLINGTON RESOURCES OIL & GAS COMPANY                  |                                                          | 8. Well No.<br>#2B                                          |                                              |
| 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"/> dhc368az                                                                                                                                                                       |                                  | 3. Address of Operator<br>PO BOX 4289, Farmington, NM 87499                    |                                                          | 9. Pool name or Wildcat<br>Blanco Mesaverde/Basin Dakota    |                                              |
| 4. Well Location<br>Unit Letter <u>F</u> : <u>1445</u> Feet From The <u>North</u> Line and <u>1835</u> Feet From The <u>West</u> Line<br>Section <u>30</u> Township <u>31N</u> Range <u>10W</u> NMPM San Juan County, NM                                                                                                                                                                                                       |                                  |                                                                                |                                                          |                                                             |                                              |
| 10. Date Spudded<br>9-21-00                                                                                                                                                                                                                                                                                                                                                                                                    | 11. Date T.D. Reached<br>10-1-00 | 12. Date Compl. (Ready to Prod.)<br>7-16-2001                                  | 13. Elevations (DF&RKB, RT, GR, etc.)<br>5956'GL/5971'KB | 14. Elev. Casinghead                                        |                                              |
| 15. Total Depth<br>7360'                                                                                                                                                                                                                                                                                                                                                                                                       | 16. Plug Back T.D.<br>7324'      | 17. If Multiple Compl. How Many Zones?                                         | 18. Intervals Drilled By                                 | Rotary Tools<br>0-7360'                                     | Cable Tools                                  |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>3692-5220' Mesaverde                                                                                                                                                                                                                                                                                                                                      |                                  |                                                                                | 20. Was Directional Survey Made<br>No                    |                                                             |                                              |
| 21. Type Electric and Other Logs Run<br>Array Induction/SP/GR/CBL/Magnetic Resonance/GR/Comp. Neutron Triple Litho Den/Micro                                                                                                                                                                                                                                                                                                   |                                  |                                                                                | 22. Was Well Cored<br>No                                 |                                                             |                                              |
| 23. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                                             |                                  |                                                                                |                                                          |                                                             |                                              |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                                                                    | WEIGHT LB/FT.                    | DEPTH SET                                                                      | HOLE SIZE                                                | CEMENTING RECORD                                            | AMOUNT PULLED                                |
| 11 3/4                                                                                                                                                                                                                                                                                                                                                                                                                         | 42#                              | 205'                                                                           | 14 3/4                                                   | 490 cu ft                                                   |                                              |
| 8 5/8                                                                                                                                                                                                                                                                                                                                                                                                                          | 32#                              | 2882'                                                                          | 10 5/8                                                   | 1365 cu ft                                                  |                                              |
| 5 1/2                                                                                                                                                                                                                                                                                                                                                                                                                          | 15.5#                            | 7360'                                                                          | 7 7/8                                                    | 1028 cu ft                                                  |                                              |
| 24. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |                                                                                | 25. TUBING RECORD                                        |                                                             |                                              |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                           | TOP                              | BOTTOM                                                                         | SACKS CEMENT                                             | SCREEN                                                      | SIZE DEPTH SET PACKER SET                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |                                                                                |                                                          |                                                             | 2 3/8 7192'                                  |
| 26. Perforation record (interval, size, and number)<br>3692, 3694, 3696, 3698, 3700, 3720, 3722, 3724, 3726, 3728, 3744, 3746, 3748, 3750, 3798, 3800, 3802, 3804, 3806, 3808, 3810, 3834, 3836, 3838, 3840, 3842, 3856, 3862, 3880, 3882, 3884, 3886, 3888, 3898, 3900, 3902, 3904, 3906, 3919, 3932, 3934, 3936, 3938, 3940, 3948, 3950, 3952, 3954, 3956, 3968, 4110, 4137, 4151, 4185, 4222, 4250, 4266, 4286, 4294, 4304, |                                  |                                                                                | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.          |                                                             |                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |                                                                                | DEPTH INTERVAL                                           | AMOUNT AND KIND MATERIAL USED                               |                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |                                                                                | 3692-3968'                                               | 726 bbls lnr gel, 200,000# 20/40 Brady sd, 1,063,800 SCF N2 |                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |                                                                                | 4110-4613'                                               | 2174 bbls slk wtr, 100,000# 20/40 Brady sand                |                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |                                                                                | 4675-5220'                                               | 2391 bbls slk wtr, 100,000# 20/40 Brady sand                |                                              |
| 28. PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                                                 |                                  |                                                                                |                                                          |                                                             |                                              |
| 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>7/19/2001                                                                                                                                                                                                                                                                                                                                                                                                      | Hours Tested<br>1                | Choke Size                                                                     | Prod'n for<br>Test Period                                | Oil - Bbl.<br>1065 Pitot gauge                              | Gas - MCF<br>Water - Bbl.<br>Gas - Oil Ratio |
| Flow Tubing Press.<br>SI 596                                                                                                                                                                                                                                                                                                                                                                                                   | Casing Pressure<br>SI 521        | Calculated 24-Hour Rate                                                        | Oil - Bbl.                                               | Gas - MCF                                                   | Water - Bbl.<br>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><i>Peggy Cole</i>                                                                                                                                                                                                                                                                                                                                                                                                 |                                  | Name<br>Peggy Cole                                                             |                                                          | Title<br>Regulatory Supervisor                              | Date<br>8/2/2001                             |

# 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. Blinebry _____        | 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 _____ 1216'               | T. Penn. "B" _____           |
| T. Kirtland-Fruitland _____ 1285/2064' | T. Penn. "C" _____           |
| T. Pictured Cliffs _____ 2622'         | T. Penn. "D" _____           |
| T. Cliff House _____ 4126'             | T. Leadville _____           |
| T. Menefee _____ 4449'                 | T. Madison _____             |
| T. Point Lookout _____ 4860'           | T. Elbert _____              |
| T. Mancos _____ 5293'                  | T. McCracken _____           |
| T. Gallup _____ 6175'                  | T. Ignacio Otzte _____       |
| Base Greenhorn _____ 6885'             | T. Granite _____             |
| T. Dakota _____ 7090'                  | T. Lewis _____ 2803'         |
| T. Morrison _____                      | T. Hrfnito. Bnt. _____ 3347' |
| T. Todilto _____                       | T. Chacra _____ 3692'        |
| T. Entrada _____                       | T. Graneros _____ 6943'      |
| 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    | Lithology                                                                       | From  | To    | Thickness<br>s in Feet | Lithology                                                                                                                                                                                                                                                                    |
|-------|-------|---------------------------------------------------------------------------------|-------|-------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1216' | 1285' | White, cr-gr ss.                                                                | 5293' | 6175' |                        | Dark gry carb sh.                                                                                                                                                                                                                                                            |
| 1285' | 2064' | Gry sh interbedded w/tight, gry, fine-gr ss.                                    | 6175' | 6885' |                        | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh                                                                                                                                                                                         |
| 2064' | 2622' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.          | 6885' | 6943' |                        | Highly calc gry sh w/thin lmst.                                                                                                                                                                                                                                              |
| 2622' | 2803' | Bn-Gry, fine grn, tight ss.                                                     | 6943' | 7090' |                        | Dk gry shale, fossil & carb w/ pyrite incl.                                                                                                                                                                                                                                  |
| 2803' | 3347' | Shale w/siltstone stringers                                                     | 7090' | 7360' |                        | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks                                                                                                                                                                                   |
| 3347' | 3692' | White, waxy chalky bentonite                                                    |       |       |                        | Perfs Continued: 4320, 4339, 4353, 4371, 4389, 4413, 4430, 4444, 4463, 4473, 4496, 4539, 4578, 4594, 4613, 4675, 4700, 4720, 4734, 4745, 4785, 4798, 4864, 4872, 4887, 4912, 4920, 4940, 4950, 4965, 4975, 5006, 5024, 5050, 5070, 5082, 5094, 5105, 5128, 5158, 5182, 5220. |
| 3692' | 4126' | Gry fn grn silty, glauconitic sd stone w/drak gry shale                         |       |       |                        |                                                                                                                                                                                                                                                                              |
| 4126' | 4449' | ss. Gry, fine-grn, dense sil ss.                                                |       |       |                        |                                                                                                                                                                                                                                                                              |
| 4449' | 4860' | Med-dark gry, fine gr ss, carb sh & coal                                        |       |       |                        |                                                                                                                                                                                                                                                                              |
| 4860' | 5293' | Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation |       |       |                        |                                                                                                                                                                                                                                                                              |