Submit to Appropriate

## State of New Mexico

Energy, Minerals ard Natural Resources Department

District Office

State Lease - 6 copies

Form C-105 Revised 1-1-89

| e Lease - 5 copies<br>STRICT I  |                                      |                             |                           |                              |                           |                      |                    |                                       |   |                    |  |  |
|---|--------------------------------------|-----------------------------|---------------------------|------------------------------|---------------------------|----------------------|--------------------|---------------------------------------|---|--------------------|--|--|
|   |                                      |                             |                           |                              |                           |                      |                    | WELL API N                            | 10.   |                    |  |  |
| ISTRICT II P. O. Box 2089   |                                      |                             |                           |                              |                           |                      |                    | 30-045-30561                          |   |                    |  |  |
| P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088                               |                                      |                             |                           |                              |                           |                      |                    | 5. Indicate Type of Lease STATE FEE X |   |                    |  |  |
| STRICT III<br>100 Rio Brazos Rd., Azt   | ec. NM 87410                         |                             |                           |                              |                           |                      |                    |                                       | 6. State Oil  | & Gas Lease No.    |  |  |
| VELL COMPLE   | ETION OR R                           | ECOMP                       | LETION                    | REPOR                        | TAN                       | D LOG                |                    |                                       |   |                    |  |  |
| NELL COMPLETION OR RECOMPLETION REPORT AND LOG  1a. TYPE OF WELL: OIL WELL GAS WELL X DRY OTHER |                                      |                             |                           |                              |                           |                      |                    | 7. Lease N                            | Name or Unit Agree                                    | ment Name          |  |  |
|   |                                      |                             |                           | _                            |                           |                      |                    |                                       |   |                    | 1  |  |
| b. TYPE OF COMPLETION:  NEW WORK DEEPEN PLUG DIFF WELL X OVER DEEPEN BACK RESVR OTHER DHC-2914  |                                      |                             |                           |                              |                           |                      |                    |                                       | Stull   |                    |  |  |
| 2. Name of Operator   | DESCUIRCES OIL                       | & GAS CO                    | MPANY                     | <u> </u>                     |                           |                      |                    |                                       | 8. Well No<br>#2                                      | 0.                 |  |  |
| BURLINGTON RESOURCES OIL & GAS COMPANY  3. Address of Operator                                  |                                      |                             |                           |                              |                           |                      |                    |                                       | 9. Pool name or Wildow<br>Wildcat Mancos/Basin Dakota |                    |  |  |
| PO BOX 4289, F  | armington, NM 8                      | 7499                        |                           |                              | <u> </u>                  | -                    |                    | <del></del>                           | VVIIde  | at Mancos/basin    | Dakota   |  |
|   | r L: <u>1</u>                        | 630 Feet F                  | om The                    | South                        |                           | Line and _           |                    | 1070                                  | Feet F  | rom The Wes        | stLine   |  |
|   |                                      |                             |                           | A1 -                         |                           | 10\\                 |                    | NILADA4                               | Can   | Juan County, NM    |  |  |
| Section<br>10. Date Spudded   | 10<br>11. Date T.D. Re               | Towns                       | hip 32<br>2. Date Con     | npi. (Ready to               | Range<br>o <i>Prod.</i> ) | 10W<br>13. Elevation |                    | NMPM<br>RKB, RT, GI                   |   | 14. Elev. Casinghe |  |  |
| 4/9/01  | 4/22/01                              |                             | 7/31/0                    | )1                           |                           | 6                    | 134'GL,            | 6146'KB                               |   | Oable Teels        |  |  |
| 15. Total Depth   | 16. Plug                             | Back T.D.                   |                           | Multiple Comp<br>lany Zones? | WOH .k                    | 18. Interv           | rais<br>ed By      | Rotary Tool                           | is (  | Cable Tools        |  |  |
| 7678'   | 763                                  |                             |                           | 2                            |                           | <u> </u>             |                    | 0-7678'                               | tio-ol Su   | Mada               |  |  |
| 19. Producing Interval  |                                      | n - Top, Botto              | n, Name                   |                              |                           |                      |                    | 20. Was Di                            | Directional Survey Made<br>No                         |                    |  |  |
| 7438-7627' Dakota  21. Type Electric and Other Logs Run  22. Was V                              |                                      |                             |                           |                              |                           |                      |                    |                                       |   |                    |  |  |
| Platform Expres   | ss, CBL/GR/CCL                       | <u> </u>                    | DECOL                     | 3D /Dam                      | 4 -1                      | Latrina              |                    | - woll\                               | No  |                    |  |  |
| 23.   |                                      | CASING                      |                           |                              |                           |                      |                    |                                       | MENTING   | PECOPD             | AMOUNT PULLE   |  |
| CASING SIZE   |                                      |                             | DEPTH SET                 |                              |                           | HOLE SIZE            |                    | CE                                    | CEMENTING RECORD<br>507 cu ft                         |                    | AMOONTTOLLL  |  |
| 7   | 9 5/8 32.3#<br>7 20#                 |                             | 3144'                     |                              |                           | 8 3/4                |                    | 1065 cu ft                            |   | ft                 |  |  |
| 4 1/2   | 10.5#                                |                             | 7674                      |                              |                           | 6 1/4                |                    | 732 cu ft                             |   | _                  |  |  |
| 24.   |                                      | LINER RE                    |                           |                              |                           |                      |                    | 25.                                   |   | TUBING REC         |  |  |
| SIZE  | TOP                                  | BOT                         | TOM                       | SACKS CE                     | MENT                      | SCR                  | EEN                | 2 3/8                                 | IZE   | DEPTH SET 7521'    | PACKER SET   |  |
| Do-foretion   | record (interval                     | cize and                    | number)                   | 27 ACID                      | SHOT                      | , FRACTU             | RE CEN             |                                       | UFFZE. E  |                    |  |  |
| 26. Perforation   | 68-7471', 7484-74                    | , 5126, and<br>187'. 7494-7 | 502'.                     |                              | TH INTE                   |                      |                    |                                       |   | ATERIAL USED       | ·  |  |
| 7526-32', 7620  |                                      | ·                           | ·                         |                              | 7438-7                    | 627'                 | 22,300#            | 20/40 TLC                             | LC sand, 1504 bbl slick water                         |                    |  |  |
|   |                                      |                             |                           |                              |                           |                      |                    | · · · · · ·                           |   |                    |  |  |
|   |                                      |                             |                           |                              |                           |                      |                    |                                       |   |                    |  |  |
|   |                                      |                             |                           | PROD                         | UCT                       | ON                   |                    |                                       |   |                    |  |  |
| 28. Date First Production   | Pro                                  | duction Metho               | d (Flowing, g             |                              |                           |                      | mp)                | 1                                     | Well Status   | (Prod. or Shut-in) |  |  |
| Date i list i redecion  |                                      |                             | Flowing                   |                              |                           |                      | 1105               | 1                                     | SI  |                    | as - Oil Ratio   |  |
| Date of Test<br>7/31/01   | Hours Tested                         | Choke Size                  | Prod'n for<br>Test Period |                              | Bbl.                      |                      | - MCF<br>tot gauge |                                       | er - Bbl.   | 156                | 7 Oil Radio  |  |
| Flow Tubing Press.  | Casing Pressure                      | Calculated 2                | 4-                        | Oil - Bbl                    | Ga<br>I                   | s - MCF              | Wa<br>t            | ater - Bbl                            | Oil Gravit  | y-ACI-DCorr.)      |  |  |
| SI 2250   | SI 2300                              | Hour Rate                   | <del>. L</del> _          |                              | <u> </u>                  |                      | <u> </u>           | Test With                             | nessed By (   | AUG A              | 2001   |  |
| 29. Disposition of Ga   | as (Sola, usea for fue<br>To be sold | a, verneu, eic              | ,                         |                              |                           |                      |                    | . 55( 77)0                            | 5   | RES                |  |  |
| 30. List Attachments  | None                                 |                             |                           |                              |                           |                      |                    |                                       |   | R OLON             | Tay all  |  |
| 31. I hereby certify t  |                                      | hown on both                | sides of this<br>Print    | form is true a               | nd comp                   | lete to the b        | est of my k        | knowledge a                           | and belief  | (E)                | 3 53   |  |
| Signature   | Seplen                               | Cale                        |                           | ne <u>Peggy (</u>            | Cole                      |                      | _Title             | Regula                                | tory Super  | visor              | Date 92/2001   |  |
|   | 7 7.7.7.7                            |                             |                           |                              |                           |                      |                    |                                       |   | - Lin              | The state of the s |  |

## **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

**Northwestern New Mexico** 

| T. Anhy T. Canyon T. Salt T. Strawn B. Salt T. Atoka T. Yates T. Miss |   | T. Strawn T. Atoka | T. Ojo Alar<br>T. Kirtland<br>T. Pictured<br>T. Cliff Hot | Fruitland        | 4830'      | T. Penn. "B" T. Penn. "C" T. Penn. "D" T. Leadville |                                       |  |  |
|---|---|--------------------|---|------------------|------------|---|---------------------------------------|--|--|
| T. Yates T. 7 Rivers  | . 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                    | T. Devonian   | T. Menefee       |            | 4890'   | T. Madison                            |  |  |
| T. Queen  |   |                    | T. Silurian   | T. Point Lookout |            | 5228'   | T. Elbert                             |  |  |
|   |   |                    | T. Montoya  | T. Mancos        |            |   | T. McCracken                          |  |  |
|   |   |                    | T. Simpson  | T. Gallup        |            |   | T. Ignacio Otzte                      |  |  |
| T. Glorieta   |   |                    | T. McKee  | Base Greenhorn   |            |   | T. Granite                            |  |  |
|   |   |                    | T. Ellenburger  | T. Dakota        |            |   | T. Lewis                              |  |  |
| T. Blinebry   |   |                    |   | T. Morrison      |            |   | T. Hrfnito. Bnt. 3593'                |  |  |
| T. Tubb   |   |                    |   | T. Todilto       |            |   | T. Chacra 4082'                       |  |  |
| T. Drinkan  | 1: 1000                                 |                    |   | T. Entrada       |            |   | T. Graneros 7321'                     |  |  |
| T. Abo  |   |                    | T.  | T. Wingate       |            |   | Т.                                    |  |  |
|   |   |                    | T.  | T. Chinle        |            |   | Т.                                    |  |  |
| T. Penn   |   |                    | т.  | T. Permia        |            |   | Т.                                    |  |  |
| T. Cisco (  | Bough C)                                |                    | Т.  | T. Penn "/       | ۸"         |   | Т.                                    |  |  |
| ,   |   | •                  | OIL OR GAS  | SANDS            | OR ZONES   |   |                                       |  |  |
| No. 1, fr   | No. 1, from to                          |                    | to  | No. 3, fr        | om         |   | to                                    |  |  |
|   | No. 2, from to                          |                    |   | No. 4, ft        | rom        |   | to                                    |  |  |
| 140. 2, 11  | 10111                                   |                    | IMPORTA   |                  |            |   |                                       |  |  |
|   |   |                    |   |                  |            |   |                                       |  |  |
|   |   | rate               | of water inflow and elevation to whic                     | n water i        |            |   |                                       |  |  |
| No. 1, fi   | rom                                     |                    |   |                  | feet       |   | ,                                     |  |  |
| No. 2, ft   | rom                                     |                    | to  |                  | feet       |   |                                       |  |  |
| No. 3, from to  |   | to                 |   | feet             |            |   |                                       |  |  |
| 110. 0,   | . •                                     |                    | LITHOLOGY RECORD (  | Attach (         | additional | choot if  | necessary)                            |  |  |
|   |   |                    | LITHOLOGY RECORD  | Allacina         | dullional  |   |                                       |  |  |
| From  | То                                      | ,                  | Lithology   | From             | То         | Thickness s in Feet                                 | I I I I I I I I I I I I I I I I I I I |  |  |
|   | <del></del>                             |                    |   | 5543'            | 6574'      | <del>                                     </del>    | Dark gry carb sh.                     |  |  |
|   | 1                                       |                    |   | 6574'            | 7253'      | 1   | Lt gry to brn calc carb micac glauc   |  |  |
| ;   | 1                                       |                    |   | 00/4             | 1/255      | ł   |                                       |  |  |
|   | ì                                       |                    |   |                  | ì          |   | silts & very fine gr gry ss w/irreg.  |  |  |
|   | 1                                       |                    |   |                  |            | 1   | interbed sh                           |  |  |
|   |   |                    |   | 7253'            | 7321'      | 1   | Highly calc gry sh w/thin lmst.       |  |  |
|   |   |                    |   | 7321'            | 7417'      |   | Dk gry shale, fossil & carb w/        |  |  |
|   |   |                    | į   | ' ' '            | ' ' ' '    | 1   | pyrite incl.                          |  |  |
|   |   |                    |   |                  | 70701      | 1   |                                       |  |  |
| 3593'   | 4082'                                   |                    | White, waxy chalky bentonite                              | 7417'            | 7678'      |   | Lt to dk gry foss carb sl calc sl     |  |  |
| 4082'   | 4830                                    | ·                  | Gry fn grn silty, glauconitic sd                          | [ ]              | 1          | <b>\</b>  | silty ss w/pyrite incl thin sh bands  |  |  |
|   |   |                    | stone w/drk gry shale                                     | I I              |            |   | clay & shale breaks                   |  |  |
| 40201   | 4000                                    |                    | ss. Gry, fine-grn, dense sil ss.                          | ] [              |            |   | 1                                     |  |  |
| 4830'   | 4890'                                   |                    |   |                  | 1          |   |                                       |  |  |
| 4890'   | 5228'                                   | ** ***             | Med-dark gry, fine gr ss, carb sh                         |                  |            |   |                                       |  |  |
| 5228'   | 5543'                                   |                    | Med-light gry, very fine gr ss w/                         |                  | ł          | 1   |                                       |  |  |
| 5220  | 10040                                   |                    |   | .'               |            |   | i                                     |  |  |
|   |   |                    | frequent sh breaks in lower part of                       | <b>1</b>         | ŀ          |   |                                       |  |  |
|   | 1                                       |                    | formation   | 11               | 1          | i   | ł                                     |  |  |