

Submit 5 copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

## OIL CONSERVATION DIVISION

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

### REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

#### I.

|  |   |               |              |
|--|---|---------------|--------------|
| Name of Operator:  | Blackwood & Nichols Co., Ltd.               | Well API No.: | 30-045-27775 |
| Address of Operator:   | P.O. Box 1237, Durango, Colorado 81302-1237 |               |              |
| Reason(s) for Filing (check proper area):                                  | Other (please explain) _____                |               |              |
| New well: X  | Change in Transporter of: _____             |               |              |
| Recompletion:  | Oil:  | Dry Gas:      |              |
| Change in Operator:  | Casinghead Gas:                             | Condensate:   |              |
| If change of operator give name<br>and address of previous operator: _____ |   |               |              |

#### II. DESCRIPTION OF WELL AND LEASE

|                                      |                  |   |   |                        |
|--------------------------------------|------------------|---|---|------------------------|
| Lease Name:<br>Northeast Blanco Unit | Well No.:<br>486 | Pool Name, Including Formation:<br>Basin Fruitland Coal | Kind Of Lease<br>State, Federal Or Fee: | Lease No.<br>SF-078988 |
|--------------------------------------|------------------|---|---|------------------------|

#### LOCATION

Unit Letter: L; 1470 ft. from the South line and 865 ft. from the West line

Section: 19 Township: 31N Range: 6W, NMPM, County: San Juan

#### III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|   |  |            |             |            |                               |            |
|---|--|------------|-------------|------------|-------------------------------|------------|
| Name of Authorized Transporter of Oil: or Condensate: X<br>Giant Transportation     | Address (Give address to send approved copy of this form.)<br>P.O. Box 12999, Scottsdale, AZ 85267         |            |             |            |                               |            |
| Name of Authorized Trnsprtr of Casinghead Gas: or Dry Gas: X<br>Blackwood & Nichols | Address (Give address to send approved copy of this form.)<br>P. O. Box 1237, Durango, Colorado 81302-1237 |            |             |            |                               |            |
| If well produces oil or liquids,<br>give location of tanks.                         | Unit<br>L  | Sec.<br>19 | Twp.<br>31N | Rge.<br>6W | Is gas actually connected? No | When? 1-91 |

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

#### IV. COMPLETION DATA

|   |  |               |               |          |   |                        |            |            |
|---|--|---------------|---------------|----------|---|------------------------|------------|------------|
| Designate Type of Completion (X)  | Oil Well                                       | Gas Well<br>X | New Well<br>X | Workover | Deepen  | Plug Back              | Same Res'v | Diff Res'v |
| Date Spudded: 5-22-90   | Date Compl. Ready to Prod.: 7-14-90            |               |               |          | Total Depth: 3250'                                      | P.B.T.D.: 3250'        |            |            |
| Elevations (DF, RKB, RT, GR, etc):<br>6317' RKB                         | Name of Producing Formation:<br>Fruitland Coal |               |               |          | Top Oil/Gas Pay:<br>2945'                               | Tubing Depth:<br>3136' |            |            |
| Perforations:<br>2921-3117' Uncemented Predrilled Liner 041 2945 - 3250 |  |               |               |          | Depth Casing Shoe:<br>5.50: liner at 3236'; 7" at 2945' |                        |            |            |

#### TUBING CASING AND CEMENTING RECORD

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET     | SACKS CEMENT                  |
|-----------|----------------------|---------------|-------------------------------|
| 12.25"    | 9.625"               | 307'          | 299 cf Class B                |
| 8.75"     | 7.000"               | 2945'         | 798 cf Class B/148 cf Class B |
| 6.25"     | 5.500" liner         | 2873' - 3236' | Uncemented                    |
|           | 2.875" 2 3/8         | 3136'         |                               |

#### V. TEST DATA AND REQUEST FOR ALLOWABLE

##### OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

|                                 |                  |   |                      |
|---------------------------------|------------------|---|----------------------|
| Date First New Oil Run To Tank: | Date of Test:    | Producing Method:<br>(Flow, pump, gas, lift, etc) |                      |
| Length of Test:                 | Tubing Pressure: | Casing Pressure:                                  | Choke Size:          |
| Actual Prod. Test:              | Oil-Bbls.:       | Water - Bbls.:                                    | Gas-MCF: SEP 18 1990 |

##### GAS WELL To be tested; completion gauges: 2039 MCFD (wet 2" pitot); 177 BPDW

|  |  |   |                               |
|--|--|---|-------------------------------|
| Actual Prod. Test - MCFD:<br>2039 MCFD (wet) | Length of Test:<br>1 Hr.               | Bbls. Condensate/MMCF:<br>N/A           | Gravity of Condensate:<br>N/A |
| Testing Method:<br>Completion Gauge          | Tubing Pressure:<br>(shut-in) 250 psig | Casing Pressure:<br>(shut-in) 1300 psig | Choke Size:<br>2" pitot       |

#### VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

R.W. Williams  
Signature Roy W. Williams

Title: Administrative Manager

Date: 9/17/90

Telephone No.: (303) 247-0728

#### OIL CONSERVATION DIVISION

Date Approved: OCT 01 1990

By: [Signature]

Title: SUPERVISOR DISTRICT #3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out Sections I, II, III and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.