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1000 Rio Brazos Rd., Aztec, NM 87410

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

|   |   |
|---|---|
| Operator<br>Helmerich & Payne, Inc.   | Well API No.<br>30-025-30914  |
| Address<br>5401 S. Hattie - Oklahoma City, OK 73129                                     |   |
| Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain) |   |
| New Well <input checked="" type="checkbox"/>  | Change in Transporter of: <input type="checkbox"/> Dry Gas <input type="checkbox"/> |
| Recompletion <input type="checkbox"/>   | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>                       |
| Change in Operator <input type="checkbox"/>   | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>         |
| If change of operator give name and address of previous operator                        |   |

CASINGHEAD GAS MUST NOT BE  
FLARED AFTER 3-18-91  
UNLESS AN EXCEPTION TO R 4070  
IS OBTAINED.

II. DESCRIPTION OF WELL AND LEASE

|  |               |  |  |           |
|--|---------------|--|--|-----------|
| Lease Name<br>R.E. Graham #7   | Well No.<br>4 | Pool Name, Including Formation<br>North Young Wolfcamp | Kind of Lease<br>State, Federal or Fee | Lease No. |
| Location<br>Unit Letter 0 : 660 Feet From The South Line and 1980 Feet From The East Line<br>Section 7 Township 18S Range 32E , NMPM, Lea County |               |  |  |           |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|  |   |           |             |             |
|--|---|-----------|-------------|-------------|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/><br>Koch           | Address (Give address to which approved copy of this form is to be sent)<br>P.O. Box 2256 - Wichita, KS 67201                             |           |             |             |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/><br>CONOCO | Address (Give address to which approved copy of this form is to be sent)<br>Briercrest Saving Center<br>200 N. Lorraine Midland, TX 79702 |           |             |             |
| If well produces oil or liquids,<br>give location of tanks.  | Unit<br>I   | Sec.<br>7 | Twp.<br>18S | Rge.<br>32E |
| Is gas actually connected? When? (not at time of this filing)  |   |           |             |             |

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 <input checked="" type="checkbox"/> | Gas Well <input type="checkbox"/> | New Well <input checked="" type="checkbox"/> | Workover <input type="checkbox"/> | Deepen <input type="checkbox"/> | Plug Back <input type="checkbox"/> | Same Res'v <input type="checkbox"/> | Diff Res'v <input type="checkbox"/> |
| Date Spudded<br>12/02/90                            | Date Compl. Ready to Prod.<br>01/19/91       |                                   | Total Depth<br>10700'                        |                                   | P.B.T.D.<br>10632'              |                                    |                                     |                                     |
| Elevations (DF, RKB, RT, GR, etc.)<br>RKB - 3787.3' | Name of Producing Formation<br>Wolfcamp      |                                   | Top Oil/Gas Pay<br>10360'                    |                                   | Tubing Depth<br>10220'          |                                    |                                     |                                     |
| Perforations<br>10360' - 10384'                     |  |                                   |  |                                   | Depth Casing Shoe<br>10688'     |                                    |                                     |                                     |
| TUBING, CASING AND CEMENTING RECORD                 |  |                                   |  |                                   |                                 |                                    |                                     |                                     |
| HOLE SIZE   | CASING & TUBING SIZE                         |                                   | DEPTH SET                                    |                                   | SACKS CEMENT                    |                                    |                                     |                                     |
| 17 1/2"   | 13 3/8"                                      |                                   | 645'   |                                   | 625                             |                                    |                                     |                                     |
| 11 "  | 8 5/8"                                       |                                   | 3100'  |                                   | 1325                            |                                    |                                     |                                     |
| 7 7/8"  | 5 1/2"                                       |                                   | 10688'                                       |                                   | 1550                            |                                    |                                     |                                     |
| --  | 2 7/8"                                       |                                   | 10220'                                       |                                   | --                              |                                    |                                     |                                     |

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<br>01/18/91 | Date of Test<br>01/19/91 | Producing Method (Flow, pump, gas lift, etc.)<br>Flowing |                      |
| Length of Test<br>24 Hrs.                  | Tubing Pressure<br>595   | Casing Pressure<br>0/Pkr.                                | Choke Size<br>14/64" |
| Actual Prod. During Test<br>258 Bbls.      | Oil - Bbls.<br>250       | Water - Bbls.<br>8                                       | Gas- MCF<br>260      |

GAS WELL

|                                  |                           |                           |                       |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D        | Length of Test            | Bbls. Condensate/MMCF     | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size            |

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.

Roger G. Bureau

Signature

Roger G. Bureau

Printed Name

01/28/91

Date

Drfg. Supt.

Title

(405) 677-0206

Telephone No.

OIL CONSERVATION DIVISION  
FEB 01 1991

Date Approved

By

Title

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 only 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.

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