

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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| U.S.G.A.               |     |  |
| LAND OFFICE            |     |  |
| TRANSPORTER            | OIL |  |
|                        | GAS |  |
| OPERATOR               |     |  |
| PRODUCTION OFFICE      |     |  |

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
**Amoco Production Company**

Address  
**501 Airport Drive, Farmington, NM 87401**

Reason(s) for filing (Check proper box)

|  |   |                                     |
|--|---|-------------------------------------|
| <input checked="" type="checkbox"/> New Well | Change in Transporter of:               |                                     |
| <input type="checkbox"/> Recompletion        | <input type="checkbox"/> Oil            | <input type="checkbox"/> Dry Gas    |
| <input type="checkbox"/> Change in Ownership | <input type="checkbox"/> Casinghead Gas | <input type="checkbox"/> Condensate |

Other (Please explain):

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DEC 21 1984  
OIL CON. DIV.  
DIST. 3

If change of ownership give name and address of previous owner:

II. DESCRIPTION OF WELL AND LEASE

|  |                        |   |   |                            |
|--|------------------------|---|---|----------------------------|
| Lease Name<br><b>Jicarilla Contract 146</b>  | Well No.<br><b>13R</b> | Pool Name, including Formation<br><b>Basin Dakota</b> | Kind of Lease<br>State, Federal or Fee <b>Federal</b> | Lease No.<br><b>JC 146</b> |
| Location   |                        |   |   |                            |
| Unit Letter <b>J</b> : <b>1635</b> Feet From The <b>South</b> Line and <b>1500</b> Feet From The <b>East</b> |                        |   |   |                            |
| Line of Section <b>9</b> Township <b>25N</b> Range <b>5W</b> , NMPM, <b>Rio Arriba</b> County                |                        |   |   |                            |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|  |  |
|--|--|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>         | Address (Give address to which approved copy of this form is to be sent) |
| <b>Permian Corp. Permian (Eff. 9 / 1 / 85)</b>   | <b>P. O. Box 1702, Farmington, NM 87499</b>                              |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| <b>Northwest Pipeline Corp.</b>  | <b>P. O. Box 90, Farmington, NM 87499</b>                                |
| If well produces oil or liquids, give location of tanks.   | Unit Sec. Twp. Rgs. Is gas actually connected? When                      |
|  | <b>J 9 25N 5W No</b>   |

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

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. 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 is true and complete to the best of my knowledge and belief.

Original Signed By  
**B. D. Shaw**

(Signature)

(Title)

Adm. Supervisor

(Date)

12/17/84

OIL CONSERVATION DIVISION  
1-7-85  
APPROVED **JAN 07 1985**  
BY **Original Signed by FRANK T. CHAVEZ**  
TITLE **SUPERVISOR DISTRICT #3**

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

#### 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<br>9-22-84                        | Date Compl. Ready to Prod.<br>10-17-84 | Total Depth<br>7450'     |               |               | P.B.T.D.<br>7430'     |                            |           |             |              |
| Elevations (DF, RKB, RT, CR, etc.)<br>5749' GR | Name of Producing Formation<br>Dakota  | Top Oil/Gas Pay<br>7308' |               |               | Tubing Depth<br>7363' |                            |           |             |              |
| Perforations<br>7370'-7350', 7330'-7308'       |  |                          |               |               |                       | Depth Casing Shoe<br>7450' |           |             |              |
| <b>TUBING, CASING, AND CEMENTING RECORD</b>    |  |                          |               |               |                       |                            |           |             |              |
| HOLE SIZE                                      | CASING & TUBING SIZE                   |                          | DEPTH SET     |               | SACKS CEMENT          |                            |           |             |              |
| 12-1/4   | 8-5/8", 24#                            |                          | 323'          |               | 354 cu. ft.           |                            |           |             |              |
| 7-7/8"   | 4-1/2", 11.6#                          |                          | 7450'         |               | 2845 cu. ft.          |                            |           |             |              |
|  | 2-3/8"                                 |                          | 7363'         |               |                       |                            |           |             |              |

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (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 Tanks | Date of Test    | Producing Method (Flow, pump, gas lift, etc.) |            |
| Length of Test                  | Tubing Pressure | Casing Pressure                               | Choke Size |
| Actual Prod. During Test        | Oil - Bbls.     | Water - Bbls.                                 | Gas - MCF  |

#### GAS WELL

|  |  |  |                       |
|--|--|--|-----------------------|
| Actual Prod. Test - MCF/D<br>1913                | Length of Test<br>3 hrs.               | Bbls. Condensate/MMCF                  | Gravity of Condensate |
| Testing Method (plug, back pr.)<br>Back pressure | Tubing Pressure (Shut-in)<br>2310 psig | Casing Pressure (Shut-in)<br>2440 psig | Choke Size<br>.75"    |