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OIL CON. DIV.
DIST. 3

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

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Form C-104
Revised 10-01-78
Formal 06-01-83
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OIL CON. DIV.
DIST. 3

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

| | | |
|------------------------|-----|--|
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| LAND OFFICE | | |
| TRANSPORTER | OIL | |
| | GAS | |
| OPERATOR | | |
| PRODUCTION OFFICE | | |

I.

Operator
Northwest Pipeline Corporation

Address
P.O. Box 90 - Farmington, NM 87499

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 checked="" type="checkbox"/> Change in Ownership | <input type="checkbox"/> Casinghead Gas | <input type="checkbox"/> Condensate |

Other (Please explain)

If change of ownership give name and address of previous owner: Amoco Production Co. - 501 Airport Dr. - Farmington, NM 87401

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|-------------------------|-----------------|--|---|-----------------------|
| Lease Name Rosa Unit | Well No. 98 | Pool Name, including Formation Basin Dakota | Kind of Lease XXXX Federal or XXXX | Lease No. SF078771 |
| Location | | | | |
| Unit Letter L | : 1840 | Feet From The South | Line and 790 | Feet From The West |
| Line of Section 23 | Township 31N | Range 6W | NMPM, Rio Arriba County | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | |
|--|--|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| Northwest Pipeline Corporation | P.O. Box 90 - Farmington, NM 87499 |
| If well produces oil or liquids, give location of tanks. | Is gas actually connected? When |

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.

Carrie Harmon
Carrie Harmon (Signature)
Production & Drilling Clerk (Title)
January 3, 1986 (Date)

OIL CONSERVATION DIVISION

JAN - 7 1986

APPROVED
BY Original Signed by FRANK T. CHAVEZ
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 multiphase completed wells.

IV. COMPLETION DATA

| | | | | | | | | | |
|--------------------------------------|-----------------------------|----------|-----------------|----------|--------------|-------------------|-----------|-------------|------------|
| Designate Type of Completion - (X) | | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res. |
| | | | X | X | | | | | |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | P.B.T.D. | | | | |
| 9-13-83 | 12-21-83 | | 7958' | | 7950' | | | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | Tubing Depth | | | | |
| 6280' KB | Basin Dakota | | 7779' | | 7881' | | | | |
| Perforations | | | | | | Depth Casing Shoe | | | |
| 7779'-7921' (Dakota) | | | | | | 7958' | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | | |
| 17-1/2" | 13-3/8" | | 417' | | 480 cu.ft. | | | | |
| 11" | 8-5/8" | | 3794' | | 1755 cu.ft. | | | | |
| 7-5/8" | 4-1/2" | | 7958' | | 2681 cu.ft. | | | | |
| | 2-3/8" | | 7881' | | | | | | |

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 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 | Length of Test | Bbls. Condensate/MCF | Gravity of Condensate |
| AOF=4392 Q=3859 | 3 hrs. | ---- | ---- |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size |
| Back pressure | 1724 | | 2" X .750" |