

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-1
Effective 1-1-65

| | | |
|------------------|-----|----|
| DISTRIBUTION | | 15 |
| SANTA FE | | |
| FILE | | 1 |
| U.S.G.S. | | |
| LAND OFFICE | | |
| TRANSPORTER | OIL | |
| | GAS | 1 |
| OPERATOR | | |
| PRORATION OFFICE | | 1 |

API # 30-045-24122

I.

| | |
|--|---|
| Operator ARCO Oil and Gas Company, Division of Atlantic Richfield Company | |
| Address P. O. Box 5540, Denver, Colorado 80217 | |
| Reason(s) for filing (Check proper box) | Other (Please explain) |
| New Well <input checked="" type="checkbox"/> | Change in Transporter of: |
| 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 <input type="checkbox"/> |
| If change of ownership give name and address of previous owner: --- | |

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|----------------|---|--|-----------------------|
| Lease Name Krause WN Federal | Well No. 2E | Pool Name, including Formation Basin Dakota - Dakota | Kind of Lease State, Federal or Fee Federal | Lease No. SF078863 |
| Location Unit Letter P : 790 Feet From The South Line and 1120 Feet From The East Line of Section 28 Township 28N Range 11W, NMPM, San Juan 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"/> Permian Oil Corporation | Address (Give address to which approved copy of this form is to be sent) P.O. Box 1702, Farmington, New Mexico 87401 | | | | | |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> El Paso Natural Gas | Address (Give address to which approved copy of this form is to be sent) P.O. Box 990, Farmington, New Mexico 87401 | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit P | Sec. 28 | Twp. 28N | Rge. 11W | Is gas actually connected? NO | When Line Connected |

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 | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| | | X | X | | | | | |
| Date Spudded 3-13-80 | Date Compl. Ready to Prod. 4-24-80 | | Total Depth 6415' | | P.B.T.D. 6377' | | | |
| Elevations (DF, RKB, RT, GR, etc.) 5837'GL; 5847'DF; 5848'KB | Name of Producing Formation Dakota | | Top Oil/Gas Pay 6224' | | Tubing Depth 6187' | | | |
| Perforations Graneros and Dakota 6224' - 6345' | | | | | Depth Casing Shoe 6421' | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| 12-1/4" | 8-5/8" | | 702' | | 450 SXS | | | |
| 7-7/8" | 4-1/2" | | 6421' | | 1550 SXS | | | |
| | 2-3/8" | | 6187' | | | | | |

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 |

OIL CON. COM.

GAS WELL

| | | | |
|---|---|--|--|
| Actual Prod. Test-MCF/D 513 | Length of Test 3 hrs | Bbls. Condensate/MMCF 60 | Gravity of Condensate 43.50 @ 600 F |
| Testing Method (pitot, back pr.) Pitot | Tubing Pressure (shut-in) 314# - 30 min. | Casing Pressure (shut-in) 489# - 30 min | Choke Size 3/4" |

VI. CERTIFICATE OF COMPLIANCE

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

OIL CONSERVATION COMMISSION

APPROVED JUN 3 1980, 19

BY Original Signed by FRANK T. CHAVEZ

TITLE SUPERVISOR DISTRICT #

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.

K. L. Flinn (Signature)

Operations Information Assistant (Title)

May 5, 1980 (Date)