

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

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SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

| | |
|---|---|
| Operator Ray Westall | |
| Address P.O. Box 4 Loco Hills, New Mexico 88255 | |
| Reason(s) for filing (Check proper box) | Other (Please explain) |
| <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership | Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate |

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|---------------|--|---|-----------------------|
| Lease Name Featherstone Federal | Well No. 3 | Pool Name, including Formation Shugart Yates TRVS-Q-G | Kind of Lease State, Federal or Fee Fed. | Lease No. NM-27278 |
| Location | | | | |
| Unit Letter <u>D</u> : <u>990</u> Feet From The <u>North</u> Line and <u>560</u> Feet From The <u>West</u> | | | | |
| Line of Section <u>26</u> Township <u>18S</u> Range <u>30E</u> , NMPM, <u>Eddy</u> 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"/> | Address (Give address to which approved copy of this form is to be sent) | |
| NavaJo Crude Oil Purchasing Co. | P.O. Drawer 159 Artesia, NM 88210 | |
| 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) | |
| Phillips 66 Natural Gas Co. | Bartlesville, OK 74004 | |
| If well produces oil or liquids, give location of tanks. | Unit D | Sec. 26 |
| | Twp. 18 | Rge. 30 |
| | Is gas actually connected? No | |
| | When ASAP | |

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.

Ray Westall
(Signature)

Operator

(Title)

1-20-87

(Date)

OIL CONSERVATION DIVISION

JAN 26 1987

APPROVED _____, 19 _____

BY _____ Original Signed By

Mike Williams

TITLE _____ Oil & Gas Inspector

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 (X) | Gas Well | New Well (X) | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded 11-17-86 | Date Compl. Ready to Prod. 12-18-86 | Total Depth 3456' | | | P.B.T.D. 3456' | | | | |
| Elevations (DF, RKB, RT, GR, etc.) 3987 GR | Name of Producing Formation Penrose-Queen-Grayburg | Top Oil/Gas Pay 2806' | | | Tubing Depth 2900' | | | | |
| Perforations 3292-98 (4 holes) 2806-3045 (14 holes) | | | | | | Depth Casing Shoe 3456' | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | | |
| 17 1/2" | 13 3/8" | | 427' | | 360-circulated | | | | |
| 12 1/4" | 8 5/8" | | 1636' | | 675-circulated | | | | |
| 7 7/8" | 5 1/2" | | 3456' | | 680 | | | | |
| | 2 7/8" | | 2900' | | | | | | |

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 12-18-86 | Date of Test 12-20-86 | Producing Method (Flow, pump, gas lift, etc.) Pump | |
| Length of Test 24 hrs | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test 70 | Oil-Bbls. 50 | Water-Bbls. 10 | Gas-MCF 10 |

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 |