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State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

RECEIVED

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

APR 17 '89

O. C. D.

ARTESIA, OFFICE

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

| | |
|---|--|
| Operator Mallon Oil Company ✓ | Well API No. 30-01525786 |
| Address 1099 18th Street, Suite 2750, Denver, CO 80202 | |
| Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain) | |
| New Well <input checked="" type="checkbox"/> | Change in Transporter of: CASINGHEAD GAS MUST NOT BE |
| Recompletion <input type="checkbox"/> | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> FLARED AFTER 6/24/89 |
| 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 | |
| AN EXCEPTION FROM THE B. L. M. IS OBTAINED | |

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---------------------------------------|-----------------|--|--|-----------------------|
| Lease Name Amoco-Red Bluff-Federal | Well No. 1 | Pool Name, including Formation Brushy Draw Delaware | Kind of Lease State, Federal or Fee | Lease No. NM-38636 |
| Location | | | | |
| Unit Letter X h | 2281 | Feet From The South | Line and 990 | Feet From The West |
| Section 27 | Township 26S | Range 29E | County Eddy | |

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) | |
| Pride Pipeline Company | P.O. Box 2436, Abilene, TX 79604 | |
| 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) | |
| Conoco Inc. | P.O. Box 2197, Houston, TX 77252 | |
| If well produces oil or liquids, give location of tanks. | Unit K | Sec. 27 |
| | Twp. 26S | Rge. 29E |
| | Is gas actually connected? no | |
| | When ? | |

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 1-17-89 | Date Compl. Ready to Prod. 4-4-89 | | Total Depth 6175' | | P.B.T.D. 6090' | | | |
| Elevations (DF, RKB, RT, GR, etc.) 2881.4' GL | Name of Producing Formation Brushy Draw Delaware | | Top Oil/Gas Pay 4871' | | Tubing Depth 5064.5' | | | |
| Perforations 4925-32'-7'-14 holes, 4940-60'-20'40 holes 54 holes total | 2spf | | Depth Casing Shoe | | | | | |

TUBING, CASING AND CEMENTING RECORD

| | | | |
|-----------|----------------------|-----------|--|
| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
| 12 1/4" | 8 5/8" | 420.65' | 528ft ³ Class 'C'+3%CaCl ₂ & |
| | | | 172ft ³ Class 'C'+2%CaCl ₂ |
| 7 7/8" | 5 1/2" | 6159' | 1) 546ft ³ Class 'A' self-stress |
| | 2 7/8" | 5064.5 | 2) 248ft ³ 35/65Poz 'A' lead, |
| | | | 206ft ³ 25/75Poz 'A' Tail |

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.) (cont. on back) | | | |
| Date First New Oil Run To Tank 4-4-89 | Date of Test 4-7-89 | Producing Method (Flow, pump, gas lift, etc.) Rod pumping 2 1/2" x 1 3/4" x 86" stroke | |
| Length of Test 24 | Tubing Pressure n/a | Casing Pressure 20 | Choke Size n/a |
| Actual Prod. During Test | Oil - Bbls. 71 | Water - Bbls. 186 | Gas - MCF 60 |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (prior, 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.

Signature
Roxane I. Apple
Printed Name
4-13-89
Date
(303) 293-2333
Telephone No.

Production Technician
Title

OIL CONSERVATION DIVISION

Date Approved
APR 18 1989
By
Original Signed By
Mike Williams
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.

IV cont-

3) 366ft³ 25/75 Poz 'A'

Tubing record-

2 7/8" set @ 5064.5'