

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

| | | |
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| FILE | | |
| U.S.G.S. | | |
| LAND OFFICE | | |
| TRANSPORTER | OIL | |
| | GAS | |
| OPERATOR | | |
| PRORATION OFFICE | | |

I. Operator
Sun Exploration & Production Co.

Address
P. O. Box 1861, Midland, Texas 79702

Reason(s) for filing (Check proper box)

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

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|---------------|---|--|-----------|
| Lease Name Shoe Bar State Com. | Well No. 1 | Pool Name, including Formation Shoe Bar, South-Atoka Gas | Kind of Lease State, Federal or Fee State | Lease No. |
| Location Unit Letter <u>N</u> : <u>660</u> Feet From The <u>South</u> Line and <u>2030</u> Feet From The <u>West</u> Line of Section <u>15</u> Township <u>17-S</u> Range <u>35-E</u> , NMPM, <u>Lea</u> 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) | | | | | |
| Sun Refining & Marketing Co. | P. O. Box 2039, Tulsa, Ok. 74102 | | | | | |
| 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) | | | | | |
| Under negotiation | | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit N | Sec. 15 | Twp. 17-S | Rge. 35-E | Is gas actually connected? No. | 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.

Maria L. [Signature]
(Signature)
Accounting Associate
(Title)
12-10-87
(Date)

OIL CONSERVATION DIVISION

APPROVED APR 25 1988, 19____
BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR
TITLE _____

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 X | New Well X | Workover | Deepen | Plug Back | Same Res.v. | Diff. Res. |
| Date Spudded 9-26-87 | Date Compl. Ready to Prod. 11-16-87 | | Total Depth 12-248' | | P.B.T.D. 12,173' | | | | |
| Elevations (DF, RKB, RT, GR, etc.) 3544.9' GR | Name of Producing Formation Atoka | | Top Oil/Gas Pay 11,650' | | Tubing Depth 11,970' | | | | |
| Perforations 12,035-12,070 | | | | | Depth Casing Shoe | | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | | |
| 17-1/2" | 13-3/8" | | 500' | | 529 | | | | |
| 12-1/4" | 9-5/8" | | 5322' | | 2550 | | | | |
| 7-7/8" | 5-1/2" | | 12248' | | 1100 | | | | |
| | 2-7/8" tbq | | 11970' | | | | | | |

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 3,073 | Length of Test 4-Pt | Bbls. Condensate/MMCF 3.61 BC/MMCF | Gravity of Condensate 51.8° @ 60° F |
| Testing Method (pitot, back pr.) 4 pt. back pressure | Tubing Pressure (shut-in) 1525# | Casing Pressure (shut-in) 0 - Pkr | Choke Size 14/64" |

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