

43 OF 43 (REVISED 1-1-65)  
DIST. NO. 100  
SANTA FE  
FILE  
U.S.G.S.  
LAND OFFICE  
TRANSPORTER OIL GAS  
OPERATOR  
PRORATION OFFICE

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

Form O-104  
Supersedes OII C-1-4 and C-110  
Effective 1-1-65

I. Operator  
Sun Oil Company  
Address  
P. O. Box 1861, Midland, Texas 79701  
Reason(s) for filing (Check proper box)  
New Well ☒ Change in Transporter of: Oil ☐ Dry Gas ☐  
Recompletion ☐ Casinghead Gas ☐ Condensate ☐  
Change in Ownership ☐  
Other (Please explain)  
CASINGHEAD GAS MUST NOT BE PLASSED AFTER 4/1/75 UNLESS AN EXCEPTION TO R-4070 IS OBTAINED.  
If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE  
Lease Name Jennings Federal Com. Well No. 1 Part Name, including Formation Undesignated Kind of Lease State, Federal or Fee Federal Lease No. 85025497  
Location East Lusk-Bone Spring R-4994  
Unit Letter F 1980 Feet From The West Line and 1980 Feet From The North  
Line of Section 15 Township 19-S Range 32-E N.M.P.M. Lea County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS  
Name of Authorized Transporter of Oil ☒ or Condensate ☐  
The Permian Corporation Address (Give address to which approved copy of this form is to be sent) P. O. Box 1153, Houston, Texas 77001  
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐  
Undesignated Address (Give address to which approved copy of this form is to be sent) None  
If well produces oil or liquids, give location of tanks. Unit F Sec. 15 Twp. 19-S Rge. 32-E Is this well equipped? No When

IV. COMPLETION DATA  
Designate Type of Completion - (X) Oil Well ☒ Gas Well ☐ New Well ☒ Workover ☐ Deepen ☐ Plug Back ☐ Same Res't. ☐ Diff. Res't. ☐  
Date Spudded 8-24-74 Date Compl. Ready to Prod. 1-28-75 Total Depth 10,897 P.B.T.D. 10,876  
Elevations (G.F., RKB, RT, GR, etc.) RKB - 3648 Name of Producing Formation Bone Springs Test Depth 9874 Tubing Depth 9,671  
Perforations 9874-9890 (1 JS/2Ft.) Depth Casing Shoe 10,895  
TUBING, CASING, AND CEMENTING RECORD  
POLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT  
17-1/2" 13-3/8" 408.65 350  
12-1/4" 9-5/8" 400.00 1700  
8-3/4" 7" (1600') Top - 4128 Bot. 10,897 1070  
2-7/8" (800') 9671.00

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after production of total volume of lead oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)  
OIL WELL  
Date First New Oil Run To Tanks 1-28-75 Date of Test 1-30-75 Producing Method (Flow, pump, gas lift, etc.) Flow  
Length of Test 24 Hours Tubing Pressure 950 - 850 Casing Pressure 0 Choke Size 16/64  
Actual Prod. During Test 670 Total Fluid Oil - Bbls. 669.0 Water - Bbls. 1 Gas - MCF 450.9

GAS WELL  
Actual Prod. Test - MCF/D Length of Test Bbls. Condensate/MCF Gravity of Condensate  
Testing Method (pilot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) Choke Size

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.  
Charles Gray  
(Signature)  
Proration Analyst  
(Title)  
2-3-75  
(Date)

OIL CONSERVATION COMMISSION  
APPROVED BY SUPERVISOR  
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 110.  
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 changed or owner, well name or transporter or other such change of condition.  
Form O-104 must be filed for each pool in a complete

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FEB 5 1975

OIL CONSERVATION COMM.  
HOBBS, N. M.

# INCLINATION REPORT

Field Name \_\_\_\_\_ County Lea State New Mexico  
 Operator Sun Oil Company Address P. O. Box 1861 Midland, Texas 79701  
 Lease Name & No. Jennings Federal Well No. 1 Survey Totes

## RECORD OF INCLINATION

| Depth (feet) | Angle of<br>Inclination (degrees) | Displacement (feet) | Accumulative<br>Displacement (feet) |
|--------------|-----------------------------------|---------------------|-------------------------------------|
| 410          | 1/4                               | 1.80                | 1.80                                |
| 943          | 3/4                               | 6.98                | 8.78                                |
| 1439         | 3/4                               | 6.50                | 15.28                               |
| 1970         | 3/4                               | 6.96                | 22.24                               |
| 2496         | 3/4                               | 6.89                | 29.13                               |
| 3035         | 1                                 | 9.43                | 38.56                               |
| 3483         | 1                                 | 7.84                | 46.40                               |
| 3568         | 1 1/4                             | 1.85                | 48.25                               |
| 3963         | 3/4                               | 5.17                | 53.42                               |
| 4318         | 3/4                               | 4.65                | 58.07                               |
| 4400         | 1/2                               | .81                 | 58.88                               |
| 4740         | 1                                 | 5.95                | 64.83                               |
| 5300         | 1 1/4                             | 12.21               | 77.04                               |
| 5476         | 3/4                               | 2.31                | 79.35                               |
| 5748         | 1 1/2                             | 7.13                | 86.48                               |
| 6400         | 1 1/2                             | 17.08               | 103.56                              |
| 6652         | 1 1/4                             | 5.49                | 109.05                              |
| 7053         | 1                                 | 7.02                | 116.07                              |
| 7100         | 3/4                               | .62                 | 116.69                              |
| 7600         | 1                                 | 8.75                | 125.44                              |
| 8148         | 1 3/4                             | 16.71               | 142.15                              |
| 8225         | 1 1/4                             | 1.68                | 143.83                              |
| 8725         | 1                                 | 8.75                | 152.58                              |
| 9445         | 1 1/4                             | 15.70               | 168.28                              |
| 9780         | 2 1/4                             | 13.17               | 181.45                              |
| 9847         | 2 1/4                             | 2.63                | 184.08                              |
| 9974         | 3                                 | 6.64                | 190.72                              |
| 10,022       | 2 1/4                             | 1.88                | 192.60                              |
| 10,131       | 3                                 | 5.70                | 198.30                              |
| 10,161       | 2 3/4                             | 1.44                | 199.74                              |
| 10,193       | 3                                 | 1.67                | 201.41                              |
| 10,255       | 2 3/4                             | 2.98                | 204.39                              |
| 10,318       | 2 3/4                             | 3.02                | 207.41                              |
| 10,472       | 2 3/4                             | 7.39                | 214.80                              |
| 10,769       | 2                                 | 10.37               | 225.17                              |
| 10,847       | 2 1/4                             | 3.07                | 228.24                              |

Total displacement 228.24

Survey was run in Open Hole Distance to the nearest lease line \_\_\_\_\_ feet

Certification of personal knowledge of Inclination Data:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information given above is true and complete.

State of Texas

County of Midland

Signature

MARCUM DRILLING COMPANY  
Company

Before me, the undersigned, a Notary Public in and for said County and State, on this day personally appeared Delton Marcum, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 21st DAY OF November 1974

My Commission Expires

June 1, 1975

Delton M. Schaub

RELIEVED

FEB 5 1975

OIL CONSERVATION COMM.  
HOEBS, H. M.