

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-110  
Effective 1-1-65

|                        |            |
|------------------------|------------|
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| SANTA FE               |            |
| FILE                   |            |
| U.S.G.S.               |            |
| LAND OFFICE            |            |
| TRANSPORTER            | OIL<br>GAS |
| OPERATOR               |            |
| PRORATION OFFICE       |            |

I. Operator  
The Superior Oil Company  
Address  
P. O. Box 1900, Midland, Texas 79701  
Reason(s) for filing (Check proper box)  
New Well ☒ Change In Transporter of:  
Recompletion ☐ Oil ☐ Dry Gas ☐  
Change In Ownership ☐ Casinghead Gas ☐ Condensate ☐  
Other (Please explain)  
THIS WELL HAS BEEN PLACED IN THE POOL  
DESIGNATED BELOW IF YOU DO NOT CONCUR  
NOTIFY THIS OFFICE.

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

|  |               |  |  |           |
|--|---------------|--|--|-----------|
| Lease Name<br>Hanna Com  | Well No.<br>1 | Pool Name, Including Formation<br>Undesignated - Bough "C" | Kind of Lease<br><del>XXXXXX</del> Fee | Lease No. |
| Location<br>Unit Letter A ; 660 Feet From The North Line and 510 Feet From The East<br>Line of Section 13 Township 9-S Range 34-E , NMPM, Lea 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"/><br>The Permian Corporation (Trucks)     | Address (Give address to which approved copy of this form is to be sent)<br>P. O. Box 3119, Midland, Texas 79701     |            |             |                               |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/><br>Warren Petroleum Corporation | Address (Give address to which approved copy of this form is to be sent)<br>P. O. Box 67, Monument, New Mexico 88264 |            |             |                               |
| If well produces oil or liquids,<br>give location of tanks.  | Unit<br>A  | Sec.<br>13 | Twp.<br>9-S | Rge.<br>34-E                  |
|  |  |            |             | Is gas actually connected? No |

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                        | New Well <input checked="" type="checkbox"/> | Workover | Deepen | Plug Back | Same Res'tv. | Diff. Res'tv. |
| Date Spudded<br>4-24-70                                | Date Compl. Ready to Prod.<br>6-2-70         | Total Depth<br>9920             | P.B.T.D.<br>9856                             |          |        |           |              |               |
| Elevations (DF, RKB, RT, GR, etc.)<br>4207-KB, 4195-GL | Name of Producing Formation<br>Bough "C"     | Top Oil/Gas Pay<br>9800 (-5593) | Tubing Depth<br>9785 w/tail at 9832          |          |        |           |              |               |
| Perforations<br>9809-25                                |  |                                 | Depth Casing Shoe<br>9920                    |          |        |           |              |               |
| TUBING, CASING, AND CEMENTING RECORD                   |  |                                 |  |          |        |           |              |               |
| HOLE SIZE  | CASING & TUBING SIZE                         | DEPTH SET                       | SACKS CEMENT                                 |          |        |           |              |               |
| 15"  | 11-3/4"                                      | 412                             | 400 circulated                               |          |        |           |              |               |
| 11"  | 8-5/8"                                       | 4200                            | 675 T. cmt @ 1650'                           |          |        |           |              |               |
| 7-7/8"   | 5-1/2"                                       | 9920                            | 250 T. cmt @ 8800'                           |          |        |           |              |               |
| 2-3/8" tubing at 9785 w/tail at 9832                   |  |                                 |  |          |        |           |              |               |

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)

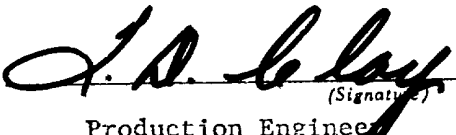
|   |                              |  |                     |
|---|------------------------------|--|---------------------|
| Date First New Oil Run To Tanks<br>June 2, 1970 | Date of Test<br>June 4, 1970 | Producing Method (Flow, pump, gas lift, etc.)<br>Flowing |                     |
| Length of Test<br>14                            | Tubing Pressure<br>300       | Casing Pressure<br>0 - Pkr.                              | Choke Size<br>38/64 |
| Actual Prod. During Test<br>532                 | Oil-Bbls.<br>392             | Water-Bbls.<br>140                                       | Gas-MCF<br>664      |

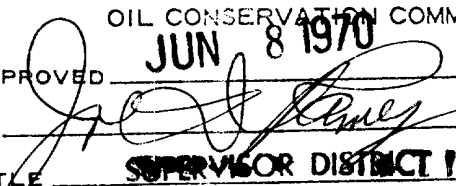
GAS WELL

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

  
T. D. Clay  
Production Engineer  
June 4, 1970  
(Date)

OIL CONSERVATION COMMISSION  
APPROVED JUN 8 1970  
BY   
TITLE SUPERVISOR DISTRICT I

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.

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JUN 8 1970

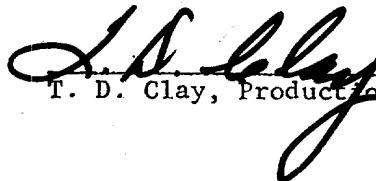
OIL CONSERVATION COMM.  
HOBBS, N. M.

THE SUPERIOR OIL COMPANY  
HAMM COM NO. 1  
SECTION 13, T-9-S, R-34-E  
UNDESIGNATED FIELD  
LEA COUNTY, NEW MEXICO

DEVIATION SURVEY TABULATION

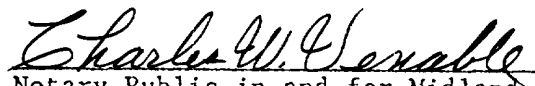
| <u>Depth</u><br><u>(Feet)</u> | <u>Deviation</u><br><u>(Degrees)</u> | <u>Depth</u><br><u>(Feet)</u> | <u>Deviation</u><br><u>(Degrees)</u> | <u>Depth</u><br><u>(Feet)</u> | <u>Deviation</u><br><u>(Degrees)</u> |
|-------------------------------|--------------------------------------|-------------------------------|--------------------------------------|-------------------------------|--------------------------------------|
| 95                            | 1/4                                  | 3292                          | 2                                    | 6754                          | 1/2                                  |
| 208                           | 1/2                                  | 3448                          | 2-3/4                                | 7155                          | 1/2                                  |
| 412                           | 1/4                                  | 3480                          | 2-3/4                                | 7220                          | 1/2                                  |
| 596                           | 1/2                                  | 3540                          | 2                                    | 7671                          | 3/4                                  |
| 796                           | 1/2                                  | 3635                          | 1-1/2                                | 7992                          | 1                                    |
| 900                           | 1/2                                  | 3900                          | 1-1/4                                | 8300                          | 1/4                                  |
| 1190                          | 3/4                                  | 4200                          | 1/2                                  | 8485                          | 1/2                                  |
| 1385                          | 3/4                                  | 4600                          | 1/4                                  | 8645                          | 1/4                                  |
| 1585                          | 1/4                                  | 4872                          | 3/4                                  | 8825                          | 3/4                                  |
| 1790                          | 1/2                                  | 5270                          | 1                                    | 9289                          | 3/4                                  |
| 2000                          | 1/2                                  | 5475                          | 1-1/4                                | 9650                          | 1                                    |
| 2185                          | 1-1/4                                | 5810                          | 1-1/4                                | 9820                          | 3/4                                  |
| 2592                          | 1/4                                  | 6191                          | 1-1/4                                | 9907                          | 1/4                                  |
| 2846                          | 3/4                                  | 6564                          | 1/2                                  | 9920 TD                       | 1/4                                  |

I certify that the above information is true and complete to the best of my knowledge.

  
T. D. Clay, Production Engineer

SUBSCRIBED and sworn to before me this 5th day of June, 19 70

My Commission Expires June 1, 1971

  
Notary Public in and for Midland  
County, Texas

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JUN 6 1970

OIL CONSERVATION COMM.  
HOBBS, N. M.