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Appropriate District Office  
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1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

|  |  |                              |  |
|--|--|------------------------------|--|
| Operator<br>Manzano Oil Corporation  |  | Well API No.<br>30-025-31970 |  |
| Address<br>P.O. Box 2107, Roswell, NM 88202-2107   |  |                              |  |
| Reason(s) for Filing (Check proper box)<br>New Well <input checked="" type="checkbox"/> <input type="checkbox"/> Other (Please explain)<br>Recompletion <input type="checkbox"/> Change in Transporter of:<br>Change in Operator <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input checked="" type="checkbox"/><br>Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> <i>Corrected</i> |  |                              |  |
| If change of operator give name and address of previous operator   |  |                              |  |
| THIS WELL HAS BEEN PLACED IN THE POOL DESIGNATED BELOW. IF YOU DO NOT CONCUR <i>R-10091 4/1/94</i><br><b>NOTIFY THIS OFFICE</b>  |  |                              |  |
| Lease Name<br>Neuhaus "14" Federal   |  | Well No.<br>2                | Pool Name, including Formation<br>Wildcat-Wolfcamp |
| Kind of Lease<br>XXX, Federal <del>XXXX</del>  |  | Lease No.<br>NM-16835        |  |
| Location<br>Unit Letter <u>B</u> : <u>660</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>East</u> Line<br>Section <u>14</u> Township <u>20 South</u> Range <u>35 East</u> , <u>NMPM</u> , <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"/><br>Koch Oil Company                 |           | Address (Give address to which approved copy of this form is to be sent)<br>P.O. Box 2256, Wichita, KS 67201 |                                   |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/><br>GPM Gas Services Company |           | Address (Give address to which approved copy of this form is to be sent)<br>4044 Penbrook, Odessa, TX 79762  |                                   |
| If well produces oil or liquids, give location of tanks.   | Unit<br>B | Sec.<br>14   | Twp.<br>20S                       |
|  |           | Range<br>35E   | Is gas actually connected?<br>Yes |
|  |           |  | When?<br>July 15, 1993            |

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                                | Gas Well | New Well                    | Workover | Deepen                        | Plug Back | Same Res'v | Diff Res'v |
|   |   | X        | X                           |          |                               |           |            |            |
| Date Spudded<br>6/3/93  | Date Compl. Ready to Prod.<br>7/14/93   |          | Total Depth<br>11606'KB     |          | P.B.T.D.<br>11574'            |           |            |            |
| Elevations (DF, RKB, RT, GR, etc.)<br>3662'GL                                       | Name of Producing Formation<br>Wolfcamp |          | Top Oil/Gas Pay<br>11354'KB |          | Tubing Depth<br>11298'        |           |            |            |
| Performances<br>11362-366 & 380-386' @ 4 spf, 11390-406, 416-420 & 424-444' @ 2 spf |   |          |                             |          | Depth Casing Shoe<br>11606'KB |           |            |            |
| TUBING, CASING AND CEMENTING RECORD   |   |          |                             |          |                               |           |            |            |
| HOLE SIZE   | CASING & TUBING SIZE                    |          | DEPTH SET                   |          | SACKS CEMENT                  |           |            |            |
| 17-1/2"   | 13-3/8"                                 |          | 400'KB                      |          | 300 C1 C w/2% CaCl            |           |            |            |
| 11"   | 8-5/8"                                  |          | 3735'KB                     |          | 1100 lite + 300 C1 C          |           |            |            |
| 7-7/8"  | 5-1/2"                                  |          | 11606'KB                    |          | 375 sx C1 H                   |           |            |            |
|   | 2-7/8"                                  |          | 11298'KB                    |          |                               |           |            |            |

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 Tank | 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<br>6000 | Length of Test<br>4 hrs           | Bbls. Condensate/MMCF<br>No Measurement | Gravity of Condensate<br>60 d API |
| Testing Method (prior, back pr)   | Tubing Pressure (Shut-in)<br>1600 | Casing Pressure (Shut-in)<br>Zero       | Choke Size<br>3/4"                |

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.

*Allison Raney*  
Signature  
Allison Raney  
Engineering Technician  
Printed Name  
7/16/93  
Date  
(505) 623-1996  
Telephone No.

OIL CONSERVATION DIVISION

JAN 14 1994

Date Approved

By *JERRY SEXTON*

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

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.

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