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Appropriate District Office  
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DISTRICT II  
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DISTRICT III  
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>Chevron U.S.A. Inc.   |  | Well API No.<br>30-025-31013   |
| Address<br>P.O. Box 1150, Midland, Texas  |  |  |
| Reason(s) for Filing (Check proper box)<br>New Well <input checked="" type="checkbox"/><br>Recompletion <input type="checkbox"/><br>Change in Operator <input type="checkbox"/> |  | <input checked="" type="checkbox"/> Other (Please explain)<br>Request permission to temp. commingle<br>with the Mattern "A" #1 Battery. (30 day perm.) |

If change of operator give name and address of previous operator \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

|  |               |  |  |           |
|--|---------------|--|--|-----------|
| Lease Name<br>H.T. Mattern (NCT-A)   | Well No.<br>5 | Pool Name, Including Formation<br>Eumont Y-SR-QN Gas | Kind of Lease<br>State, Federal or Private | Lease No. |
| Location<br>Unit Letter <u>M</u> : <u>990</u> Feet From The <u>West</u> Line and <u>660</u> Feet From The <u>South</u> Line<br>Section <u>24</u> Township <u>21 S</u> Range <u>36 E</u> , 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>Shell Pipeline Co.           | Address (Give address to which approved copy of this form is to be sent)<br>P.O. Box 1910, Midland, Texas 79701     |            |             |             |                                   |                   |
| Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/><br>Warren Petroleum Co. | Address (Give address to which approved copy of this form is to be sent)<br>P.O. Box 1909, Eunice, New Mexico 74102 |            |             |             |                                   |                   |
| If well produces oil or liquids, give location of tanks.   | Unit<br>P   | Sec.<br>24 | Twp.<br>21S | Rge.<br>36E | Is gas actually connected?<br>yes | When?<br>12/14/90 |

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<br>XX                                     | Gas Well | New Well<br>XX           | Workover | Deepen                     | Plug Back | Same Res'v | Diff Res'v |
| Date Spudded<br>10/30/90                        | Date Compl. Ready to Prod.<br>12/14/90             |          | Total Depth<br>3850'     |          | P.B.T.D.<br>3802'          |           |            |            |
| Elevations (DF, RKB, RT, GR, etc.)<br>3523.2 GR | Name of Producing Formation<br>Eumont <u>Queen</u> |          | Top Oil/Gas Pay<br>3513' |          | Tubing Depth<br>3720'      |           |            |            |
| Perforations<br>3515'-3749'                     |  |          |                          |          | Depth Casing Shoe<br>3850' |           |            |            |
| TUBING, CASING AND CEMENTING RECORD             |  |          |                          |          |                            |           |            |            |
| HOLE SIZE                                       | CASING & TUBING SIZE                               |          | DEPTH SET                |          | SACKS CEMENT               |           |            |            |
| 12 1/4"   | 8 5/8" 23#   |          | 1236'                    |          | 800 sx 'C' circ 140sx      |           |            |            |
| 7 7/8"  | 5 1/2" 15.5#                                       |          | 3850'                    |          | 625 sx 'C' circ 80sx       |           |            |            |
|   | 2 3/8" Tbg.  |          | 3720'                    |          | -----                      |           |            |            |

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<br>12/14/90 | Date of Test<br>12/19/90 | Producing Method (Flow, pump, gas lift, etc.)<br>Pumping |                    |
| Length of Test<br>24 hrs                   | Tubing Pressure          | Casing Pressure  | Choke Size<br>N.A. |
| Actual Prod. During Test                   | Oil - Bbls.<br>30        | Water - Bbls.<br>5                                       | Gas- MCF<br>270    |

GAS WELL

|                                  |                           |                           |                       |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D        | Length of Test            | Bbls. Condensate/MMCF     | Gravity of Condensate |
| Testing Method (pilot, 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 D.M. Bohon  
Printed Name D.M. Bohon Title Technical Assistant  
Date 12/26/90 Telephone No. (915) 687-7148

OIL CONSERVATION DIVISION

Date Approved \_\_\_\_\_

By ORIGINAL SIGNED BY LEROY SEXTON  
DISTRICT II 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.