

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
**P.O. Box 2088**  
**Santa Fe, NM 87504-2088**

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|   |                                |                         |
|---|--------------------------------|-------------------------|
| 1 Operator name and Address<br>Marathon Oil Company<br>P.O. Box 552<br>Midland, Texas 79702 |                                | 2 OGRID Number<br>14021 |
| 3 API Number<br>30-025-33947  |                                | 4 Well Number<br>11     |
| 4 Property Code<br>6442   | 5 Property Name<br>J. L. MUNCY |                         |

| 7 Surface Location |         |          |       |          |               |                  |               |                |        |
|--------------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| UL or lot no.      | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
| G                  | 24      | 22-S     | 37-E  |          | 2310          | NORTH            | 1980          | EAST           | LEA    |

| 8 Proposed Bottom Hole Location If Different From Surface |         |          |       |          |  |                  |               |                |        |
|---|---------|----------|-------|----------|--|------------------|---------------|----------------|--------|
| UL or lot no.   | Section | Township | Range | Lot. Idn | Feet from the                                    | North/South Line | Feet from the | East/West line | County |
| 9 Proposed Pool 1<br><del>DRINKARD</del> (BLINEBRY)       |         |          |       |          | 10 Proposed Pool 2<br><del>DRINKARD</del> (TUBB) |                  |               |                |        |

|                        |                            |                           |                          |                                    |
|------------------------|----------------------------|---------------------------|--------------------------|------------------------------------|
| 11 Work Type Code<br>N | 12 Well Type Code<br>O     | 13 Cable/Rotary<br>ROTARY | 14 Lease Type Code<br>P  | 15 Ground Level Elevation<br>3313' |
| 16 Multiple<br>NO      | 17 Proposed Depth<br>6500' | 18 Formations<br>TUBB     | 19 Contractor<br>UNKNOWN | 20 Spud Date<br>5/20/97            |

| 21 Proposed Casing and Cement Program |             |                    |               |                 |               |
|---------------------------------------|-------------|--------------------|---------------|-----------------|---------------|
| Hole Size                             | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
| 17 1/2"                               | 16"         | CONDUCTOR          | 40            | REDI-MIX        | SURFACE       |
| 12 1/4"                               | 8 5/8"      | 24                 | 1150          | 400             | SURFACE       |
| 7 7/8"                                | 5 1/2"      | 15.5, 17           | 6400          | 1200            | SURFACE       |
|                                       |             |                    |               |                 |               |
|                                       |             |                    |               |                 |               |

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

Proposed BOPE: Intermediate hole: 13 5/8", 5m, dual ram, annular, rotating head.  
Production Hole: 11", 3m, dual ram, annular, rotating head.

All casing shall be run & cemented according to OCD Rule #107. All BOPE shall be installed and tested according to OCD Rules #109 & #114.  
Permit Expires 1 Year from Approval  
Date Unless Drilling Underway

|  |  |   |  |
|--|--|---|--|
| 23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>Signature: <i>Walter J. Nordt</i> |  | OIL CONSERVATION DIVISION   |  |
| Printed name: D. P. NORDT  |  | Approved by: <i>[Signature]</i> SEAL                                  |  |
| Title: DRILLING SUPERINTENDENT   |  | Title: <i>[Signature]</i> SUPERVISOR                                  |  |
| Date: 4/8/97   |  | Approval Date: <i>[Signature]</i> Expiration Date: <i>[Signature]</i> |  |
| Phone: 915/687-8327  |  | Conditions of Approval:<br>Attached <input type="checkbox"/>          |  |