

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  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 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

|  |  |  |
|--|--|--|
| <sup>1</sup> Operator name and Address<br>Marathon Oil Company<br>P.O. Box 2490<br>Hobbs, NM 88240 |  | <sup>2</sup> OGRID Number<br>014021      |
| <sup>4</sup> Property Code<br>6436   | <sup>5</sup> Property Name<br>McDonald State A/C 2 | <sup>3</sup> API Number<br>30-0 25-25932 |
|  |  | <sup>6</sup> Well No.<br>31              |

<sup>7</sup> 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             | 13      | 22-S     | 36-E  |          | 1800          | North            | 1650          | East           | Lea    |

<sup>8</sup> 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 |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |          |               |                  |               |                |        |

<sup>9</sup> Proposed Pool 1

Eumont; Yates, 7 Rivers, Queen

<sup>10</sup> Proposed Pool 2

|                                   |   |                                      |                                    |   |
|-----------------------------------|---|--------------------------------------|------------------------------------|---|
| <sup>11</sup> Work Type Code<br>P | <sup>12</sup> Well Type Code<br>G         | <sup>13</sup> Cable/Rotary<br>NA     | <sup>14</sup> Lease Type Code<br>S | <sup>15</sup> Ground Level Elevation<br>3471' |
| <sup>16</sup> Multiple<br>No      | <sup>17</sup> Proposed Depth<br>No Change | <sup>18</sup> Formation<br>No Change | <sup>19</sup> Contractor<br>NA     | <sup>20</sup> Spud Date                       |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| No Change |             |                    |               |                 |               |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

<sup>22</sup> 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

See attached procedure.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Plugback

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Thomas P. Kacir

Printed name:

Thomas P. Kacir

Title:

Production Engineer

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

JUN 10 1999

Expiration Date:

JC

1