

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
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

Form C-101  
Revised March 17, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

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 <b>Marathon Oil Company</b> <b>P.O. Box 552 Midland, TX 79702</b>		<sup>2</sup> OGRID Number <b>014021</b>
		<sup>3</sup> API Number <b>30- 025-26959</b>
<sup>4</sup> Property Code <b>6436</b>	<sup>5</sup> Property Name <b>McDonald State A/C 2</b>	<sup>6</sup> Well No. <b>34</b>

<sup>7</sup> Surface Location									
UL or lot no. <b>C</b>	Section <b>13</b>	Township <b>22-S</b>	Range <b>36-E</b>	Lot. Idn	Feet from the <b>660'</b>	North/South Line <b>North</b>	Feet from the <b>2310</b>	East/West line <b>West</b>	County <b>Lea</b>

<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 <b>Eumont, Yates-7R-Q12</b>					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code <b>NP</b>	<sup>12</sup> Well Type Code <b>Gas</b>	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code <b>S</b>	<sup>15</sup> Ground Level Elevation <b>3483'</b>
<sup>16</sup> Multiple <b>No</b>	<sup>17</sup> Proposed Depth <b>N/A</b>	<sup>18</sup> Formation <b>Yates, 7R, QN</b>	<sup>19</sup> Contractor <b>Key</b>	<sup>20</sup> Spud Date <b>May 2002</b>

<sup>21</sup> Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>11"</b>	<b>8 5/8"</b>	<b>24</b>	<b>1320</b>	<b>570</b>	<b>Surf</b>
<b>7 7/8"</b>	<b>5 1/2"</b>	<b>15.5</b>	<b>6750</b>	<b>1975</b>	<b>Surf</b>

<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.

**Recomplete from Drinkard to Eumont**

**If successful the McDonald State #35 well will be shut in and the McDonald State well #34 will receive the acre proration unit now assigned to the McDonald State #35 well.**

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
**Plug-Back**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		<b>OIL CONSERVATION DIVISION</b>	
Signature: <b>Veronica Galindo</b>		Approved by: <b>PAULE KAUTZ</b>	
Printed name: <b>Veronica Galindo</b>		Title: <b>MAY 02 2002</b>	
Title: <b>Administrative Assistant</b>		Approval Date: <b>MAY 02 2002</b>	
Date: <b>4-16-02</b>		Expiration Date:	
Phone: <b>915-687-8418</b>		Conditions of Approval:	
		Attached <input type="checkbox"/>	