

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
May 27, 2004

Oil Conservation Division  
1220 S. St. Francis Dr.  
Santa Fe, NM 87505

Submit to appropriate District Office

☐ 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 3487 Houston, TX 77253-3487</b>		<sup>2</sup> OGRID Number <b>14021</b>
		<sup>3</sup> API Number <b>30- 025-25568</b>
<sup>4</sup> Property Code <b>006488</b>	<sup>5</sup> Property Name <b>Lou Worthan</b>	<sup>6</sup> Well No. <b>18</b>
<sup>9</sup> Proposed Pool 1 <b>Wantz Abo (62700)</b>		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no. <b>H</b>	Section <b>11</b>	Township <b>22-S</b>	Range <b>37-E</b>	Lot. Idn	Feet from the <b>1905</b>	North/South Line <b>North</b>	Feet from the <b>860</b>	East/West line <b>East</b>	County <b>Lea</b>
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<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
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Additional Well Location

<sup>11</sup> Work Type Code <b>A</b>	<sup>12</sup> Well Type Code <b>DHC Order# HOB-0083</b>	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code	<sup>15</sup> Ground Level Elevation <b>3355'</b>
<sup>16</sup> Multiple <b>Yes</b>	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation <b>Abo</b>	<sup>19</sup> Contractor	<sup>20</sup> Spud Date <b>06/26/1977</b>
Depth to ground water		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
<b>12 1/4"</b>	<b>9 5/8"</b>	<b>32#</b>	<b>1250'</b>	<b>500 sks</b>	<b>Surface</b>
<b>8 3/4"</b>	<b>7"</b>	<b>23# &amp; 26#</b>	<b>7549'</b>	<b>2275</b>	<b>Surface</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.

Marathon Oil Company has added the Wantz Abo completion to the Lou Worthan No. 18 as authorized under DHC Order HOB-0083. The original permit to add the zone was filed under the wrong application type (C-103) without an accompanying C-102 for the Wantz Abo zone. The DHC order was issued on that C-103.

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

*Adding*

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.  
Signature: *Charles E. Kendrick*

Printed name: **Charles E. Kendrick**

Title: **Engineering Technician**

E-mail Address: **cekendrix@MarathonOil.com**

Date: **10/05/2004**

Phone: **713-296-2096**

OIL CONSERVATION DIVISION

Approved by:

Title: **PETROLEUM ENGINEER**

Approval Date: **OCT 14 2004**

Expiration Date:

Conditions of Approval:

Attached ☐

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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-102  
Revised June 10, 2003

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-25568</b>	<sup>2</sup> Pool Code <b>62700</b>	<sup>3</sup> Pool Name <b>Wantz Abo</b>
<sup>4</sup> Property Code <b>006488</b>	<sup>5</sup> Property Name <b>Lou Worthan</b>	<sup>6</sup> Well Number <b>18</b>
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name <b>Marathon Oil Company</b>	<sup>9</sup> Elevation <b>3355'</b>

<sup>10</sup> Surface Location

UL or lot no. <b>H</b>	Section <b>11</b>	Township <b>22-S</b>	Range <b>37-E</b>	Lot. Idn	Feet from the <b>1905</b>	North/South line <b>North</b>	Feet from the <b>860</b>	East/West line <b>East</b>	County <b>Lea</b>
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<sup>11</sup> 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>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill <b>No</b>	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup>				<p>906' 860' #18</p>	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <b>Charles E. Kendrick</b> Printed Name <b>Engineering Technician</b> <b>cekendrix@MarathonOil.com</b> Title and E-mail Address <b>10/05/2004</b> Date
					<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  Date of Survey Signature and Seal of Professional Surveyer: