

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-1  
Revised October 18, 1997  
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 Marathon Oil Company P.O. Box 552 Midland, TX 79702		<sup>2</sup> OGRID Number 14021
<sup>4</sup> Property Code 6366	<sup>5</sup> Property Name BERTHA BARBER	<sup>3</sup> API Number 30-025-34264
		<sup>6</sup> Well No. 17

<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
F	5	20S	37E		2230	NORTH	1850	WEST	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 MONUMENT ( TUBB ) ( ABO )					<sup>10</sup> Proposed Pool 2 MONUMENT ( PADDOCK )				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary ROTARY	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 3559'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 7800'	<sup>18</sup> Formation ABO	<sup>19</sup> Contractor RODRIC	<sup>20</sup> Spud Date 12-10-97

<sup>21</sup> 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#	7800'	1500	SURFACE

<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.

PROPOSED BOPE: INTERMEDIATE - 13 5/8" 5M DUAL RAM. ANNULAR. ROTATING HEAD.

PRODUCTION: 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

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

Signature: *D. P. Nordt*

Printed name: D. P. NORDT

Title: DRILLING SUPERINTENDENT

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS  
DISTRICT I SUPERVISOR

Title: NOV 21 1997

Approval Date: Expiration Date:

*me*

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer 80, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brancos Rd., Artesia, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34204	Pool Code 47090	Pool Name Monument (Tubb)
Property Code 6366	Property Name BERTHA BARBER	Well Number 17
OGUID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3559

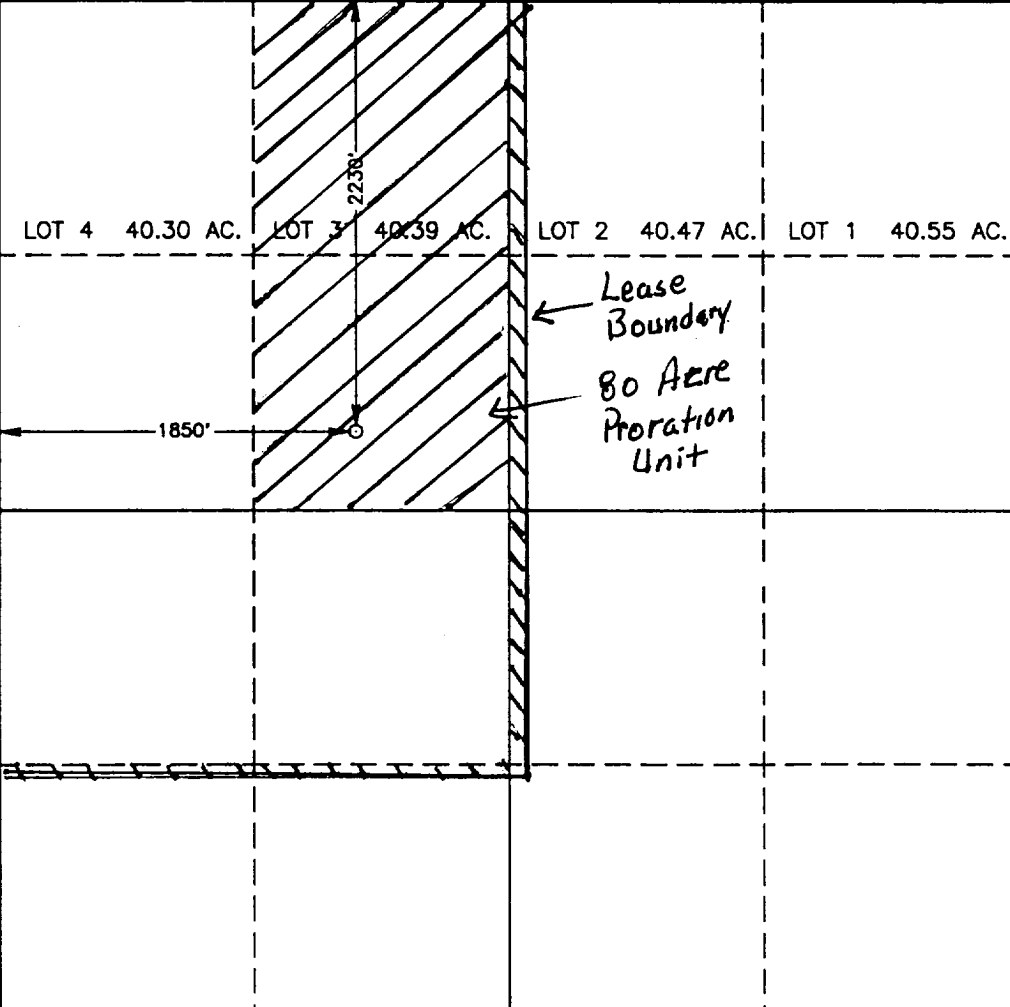
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	20 S	37 E		2230	NORTH	1850	WEST	LEA

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
Dedicated Acres 80	Joint or Infill	Consolidation Code	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

				<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>D.P. Nordt</i> Signature D.P. Nordt Printed Name Drilling Supt. Title 11/18/97 Date</p>	
<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>OCTOBER 28, 1997 Date Surveyed JLP Signature &amp; Seal of Professional Surveyor <i>Ronald J. Edson</i> 102997 W.O. Num. 97-11-1745 Certificate No. RONALD J. EDSON, 3239 GARY O. EDSON, 12641 MASON McDONALD, 12185</p>					

DISTRICT I  
P.O. Box 1080, Hobbs, NM 88241-1080

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

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OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-34204</b>	Pool Code <b>47080</b>	Pool Name <b>Moument ( Paddock)</b>
Property Code <b>6366</b>	Property Name <b>BERTHA BARBER</b>	Well Number <b>17</b>
GRID No. <b>14021</b>	Operator Name <b>MARATHON OIL COMPANY</b>	Elevation <b>3559</b>

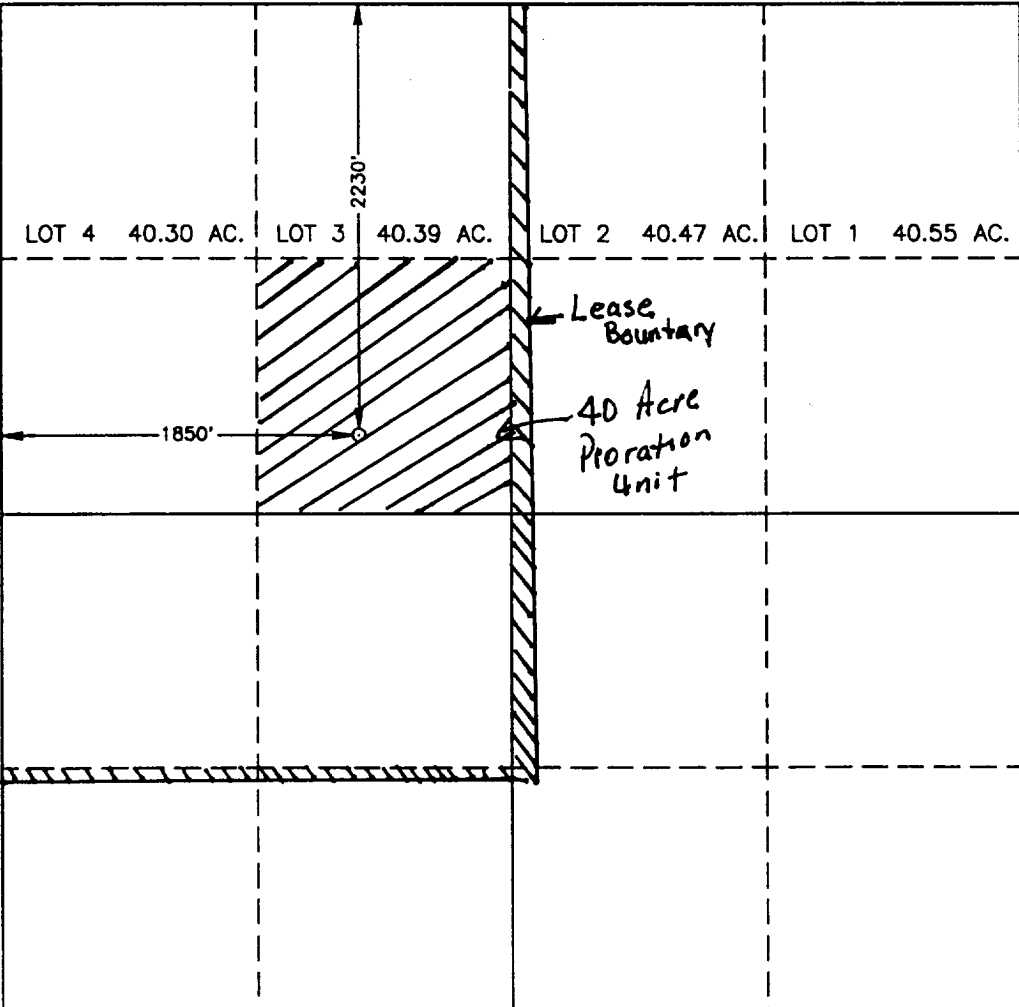
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>F</b>	<b>5</b>	<b>20 S</b>	<b>37 E</b>		<b>2230</b>	<b>NORTH</b>	<b>1850</b>	<b>WEST</b>	<b>LEA</b>

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
Dedicated Acres <b>40</b>	Joint or Infill	Consolidation Code	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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>D.P. Nordt</i> Signature <b>D.P. Nordt</b> Printed Name <b>Drilling Supt.</b> Title <b>11/18/97</b> Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p><b>OCTOBER 28, 1997</b></p> <p>Date Surveyed Signature &amp; Seal of Professional Surveyor <i>Ronald J. Eidson</i> <b>W.O. Num. 97-11-1745</b></p> <p>Certificate No. <b>RONALD J. EIDSON, 3239</b> <b>GARY G. EIDSON, 12641</b> <b>MACON McDONALD, 12185</b></p>
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## DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

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## DISTRICT II

P.O. Drawer 80, Artesia, NM 88211-0719

## DISTRICT III

1000 Rio Brasos Rd., Artec, NM 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

## DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-34204</b>		Pool Code <b>46970</b>	Pool Name Monument ( Abo)
Property Code <b>6366</b>	Property Name <b>BERTHA BARBER</b>		Well Number <b>17</b>
OGRID No. <b>14021</b>	Operator Name <b>MARATHON OIL COMPANY</b>		Elevation <b>3559</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	20 S	37 E		2230	NORTH	1850	WEST	LEA

## 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
Dedicated Acres <b>40</b>		Joint or Infill		Consolidation Code		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

				<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Boyd C. Holtzman</u> D.P. Nordt Printed Name Drilling Supt. Title 11/18/97 Date	
<b>SURVEYOR CERTIFICATION</b> 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. OCTOBER 28, 1997 Date Surveyed JLP Signature & Seal of Professional Surveyor <u>Ronald J. Eidson</u> 102997 W.D. Num. 97-114-1745 Certificate No. RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641 MASON McDONALD, 12185					

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Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34704	Pool Code 46990	Pool Name Monument ( Blindbry )
Property Code 6366	Property Name BERTHA BARBER	Well Number 17
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3559

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	20 S	37 E		2230	NORTH	1850	WEST	LEA

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
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
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<p>The map shows four lots: LOT 4 (40.30 AC.), LOT 3 (40.39 AC.), LOT 2 (40.47 AC.), and LOT 1 (40.55 AC.). A shaded area in LOT 3 is labeled '40 Acre Proration Unit'. A vertical line is labeled 'Lease Boundary'. Dimensions are shown: 2230' for the distance from the North/South line to the well location, and 1850' for the distance from the East/West line to the well location.</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Boyd C. Wolman</i> Signature D.P. Nordt Printed Name Drilling Supt. Title 11/18/97 Date</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>OCTOBER 28, 1997 Date Surveyed JLP Signature &amp; Seal of Professional Surveyor <i>Ronald E. Edson</i> W.D. Num. 97-118745 Certification No. RONALD E. EDSON, 3239 GARY L. EDSON, 12841 RONALD E. EDSON, 12185</p>
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