

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

<sup>1</sup> Operator name and Address Marathon Oil Company P.O. Box 552 Midland, Texas 79702		<sup>2</sup> OGRID Number 14021 04121
<sup>4</sup> Property Code 20855	<sup>5</sup> Property Name EUREKA STATE	<sup>3</sup> API Number 30-025-33966
		<sup>6</sup> Well Number 1

<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
L	13	17-S	35-3		2310'	SOUTH	990'	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 Vacuum ABO-WILDCAT-Reef									
<sup>10</sup> Proposed Pool 2									

<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 STATE	<sup>15</sup> Ground Level Elevation 3921'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 9100'	<sup>18</sup> Formations ABO	<sup>19</sup> Contractor UNKNOWN	<sup>20</sup> Spud Date 6/1/97

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	28.32	1500'	750	CIRCULATE
7 7/8"	5 1/2"	15.5	17	950	1000'

<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: 11" 3m dual ram, annular & rotating head.

All BOPE shall be installed and tested according to OCD Rule #109 & #114.

All casing shall be run and cemented in accordance to OCD Rule #107.

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: <i>Walter J. Nordt</i> Printed name: D. P. NORDT Title: DRILLING SUPERINTENDENT Date: 5/12/97 Phone: 915/687-8327		<b>OIL CONSERVATION DIVISION</b> Approved by: <i>Paul Kautz</i> Title: Geologist Approval Date: MAY 19 1997 Expiration Date: Conditions of Approval: Attached <input type="checkbox"/>	
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DISTRICT I  
P.O. Box 1960, Hobbs, NM 88241-1960

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 DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd., Asteo, 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 30-025-33966	Pool Code 61780	Pool Name Vacuum Wildcat - Abo Reef
Property Code 20855	Property Name EUREKA STATE	Well Number 1
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3921

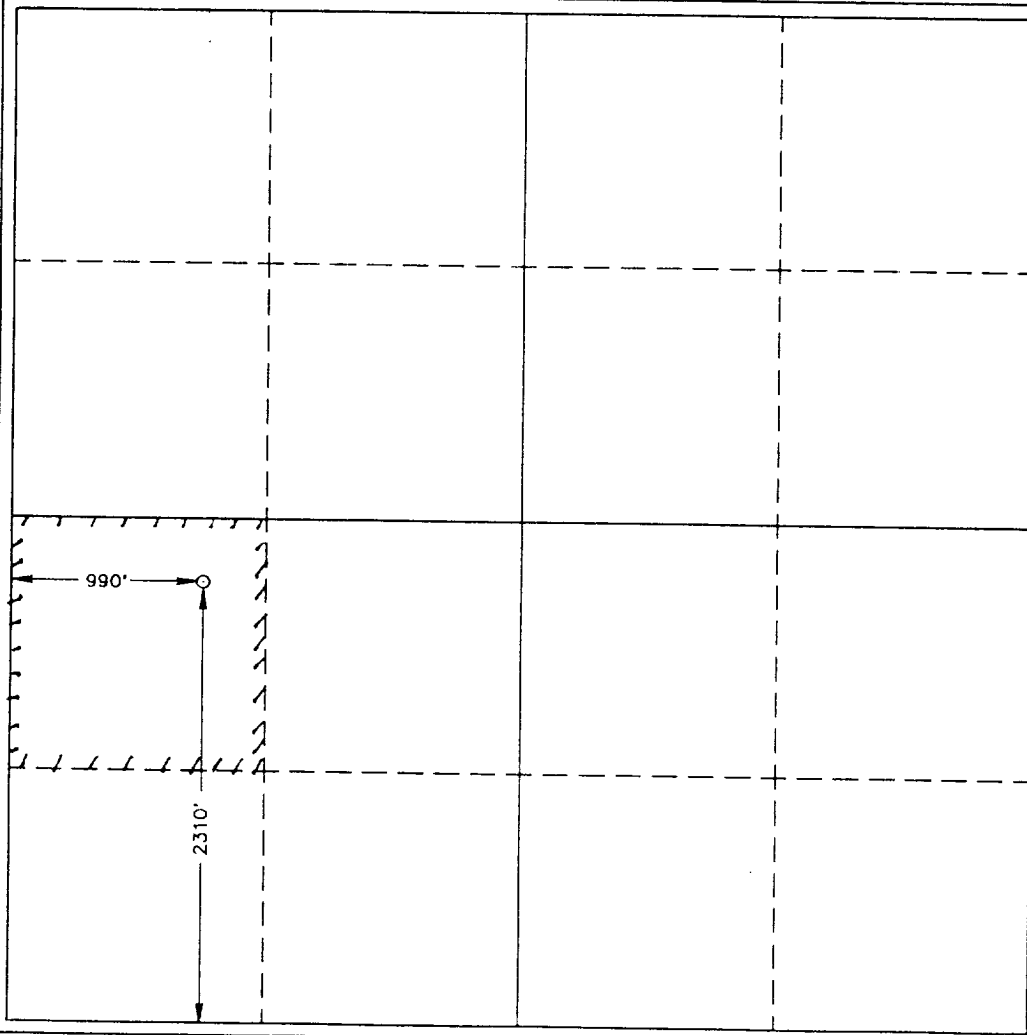
Surface Location

UL or lot No. L	Section 13	Township 17 S	Range 35 E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 990	East/West line WEST	County LEA
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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 - NW/4	Joint or Infill SW/4	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.  <u>Walter J. Nordt</u> Signature  D. P. Nordt Printed Name  Drilling Superintendent Title  5/12/97 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.  APRIL 23, 1997 Date Surveyed  Signature & Seal of Professional Surveyor  <u>Ronald J. Eidson</u> W.D. Num. 97-1140732 Certificate No. 12641 JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641