

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, 199  
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>3</sup> API Number 30-015-30417
<sup>4</sup> Property Code 23782	<sup>5</sup> Property Name FREEDMAN STATE	
		<sup>6</sup> Well No. 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
C	22	18-S	28-E		750	NORTH	1860	WEST	EDDY

<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 ILLINOIS CAMP - NORTH 78890					<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 S	<sup>15</sup> Ground Level Elevation 3606'
<sup>16</sup> Multiple NO	<sup>17</sup> Proposed Depth 11,200'	<sup>18</sup> Formation MORROW	<sup>19</sup> Contractor TMBR-SHARP 27	<sup>20</sup> Spud Date 10/21/98

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

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
20"	16"	CONDUCTOR	40'	REDI-MIX	SURFACE
17 1/2"	11.75"	42	425'	470	CIRCULATE
11"	8.625"	24 & 32	2800'	865	CIRCULATE
7 7/8"	5.5"	17 & 26	11,200'	1255	+/- 2400'

<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 HOLE - 13 5/8" 5M DUAL RAM, ANNULAR, ROTATING HEAD.  
PRODUCTION HOLE: 11" 3M, DUAL RAM, ANNULAR ROTATING HEAD.

ALL CASING SHALL BE RUN AND CEMENTED IN ACCORDANCE WITH NMOC RULE #107.  
ALL BOPE SHALL BE INSTALLED AND TESTED ACCORDING TO NMOC RULES #109 & #114.

Post ID-1  
10-2-98  
API + Loc

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

Signature:

*Walker J. Longmire*

Printed name: R. J. LONGMIRE

Title: DRILLING SUPERINTENDENT

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date: 9-29-98

Expiration Date: 9-29-99