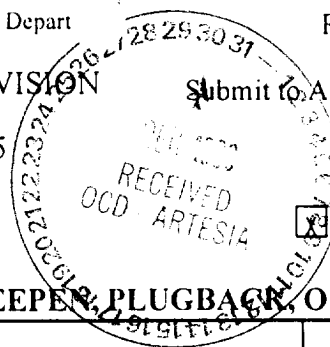


District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

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, 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, PLUG BACK, 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 23782		<sup>3</sup> API Number 30-0 15-30417
<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
F	22	18-S	28-E		1,090	NORTH	1,950	WEST	EDDY

<sup>9</sup> Proposed Pool 1 ILLINOIS CAMP, NORTH - MORROW	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code G	<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 11,000'	<sup>18</sup> Formation MORROW	<sup>19</sup> Contractor TMBR-SHARP 27	<sup>20</sup> Spud Date 11/21/98

<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"	*13 3/8"	48	450'	400	SURFACE
12 1/4"	*9 5/8"	36	2,950'	1,025	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

WELL WAS DRILLED TO 11,030' TD, 12/14/98. PROPOSE TO DIRECTIONALLY DRILL TO STANDARD BHL TO ACHIEVE BETTER NET POROSITY IN MORROW & TRAVIS, UPPER PENN SECTIONS.

SAME 11" 3M BOPE WILL BE UTILIZED.

\*CASING CEMENTED IN PLACE

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

Signature: *Walter J. Longmire*

Printed name: R. J. LONGMIRE

Title: DRILLING SUPERINTENDENT

OIL CONSERVATION DIVISION

Approved by: *Jim W. Burns*

Title: *District Supervisor*

Approval Date: 1-4-99 Expiration Date: 1-4-00