

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-
 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

¹ Operator name and Address Marathon Oil Company P.O. Box 552 Midland, TX 79702		² OGRID Number 14021
⁴ Property Code 6366	³ Property Name BERTHA BARBER	³ API Number 30-025-34205
		⁶ Well No. 18

⁷ 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	5	20S	37E		1730	SOUTH	660	WEST	LEA

⁸ 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

⁹ Proposed Pool 1 MONUMENT (TUBB) (ABO)	¹⁰ Proposed Pool 2 MONUMENT (PADDOCK)
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¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3560'
¹⁶ Multiple NO	¹⁷ Proposed Depth 7800'	¹⁸ Formation ABO	¹⁹ Contractor RODRIC	²⁰ Spud Date 12/1/97

²¹ 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

²² 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 HOLE: 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

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>D. P. Nordt</i>	OIL CONSERVATION DIVISION	
Printed name: D. P. NORDT	Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR	
Title: DRILLING SUPERINTENDENT	Approval: NOV 21 1997	Expiration Date:

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W.P.