

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, 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 API Number 30-0 25-34327
⁵ Property Name BERTHA BARBER		⁶ Well No. 18-Y

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		1766	SOUTH	663	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 O	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 PATTERSON	²⁰ Spud Date 2/14/98

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42	515'	300	SURFACE
11"	8 5/8"	32	4100'	1100'	SURFACE
7 7/8"	5 1/2"	15 5# 17#	7800'	850'	3900'

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.

THIS IS A REPLACEMENT WELL TO THE BERTHA BARBER #18.

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

Signature:

Printed name:

Title:

DRILLING SUPERINTENDENT

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY

CARY WINK

Title: FIELD REP. II

Approval Date: MAR 04 1998

Expiration Date:

Permit Expires 1 Year From Approval
Date of 1st Drilling Underway