

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 Dept.

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
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
		³ API Number 30-015-29890
⁴ Property Code 21712	⁵ Property Name JAMES BUCHANAN "33" STATE	⁶ Well No. 1

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
I	33	18-S	28-E		2000	SOUTH	660	EAST	EDDY

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 ILLINOIS CAMP TURKEY TRACK NORTH (MORROW) 78880	¹⁰ Proposed Pool 2
--	-------------------------------

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3545
¹⁶ Multiple NO	¹⁷ Proposed Depth 11,200'	¹⁸ Formation MORROW	¹⁹ Contractor MCVAY	²⁰ Spud Date 11/1/97

²¹ 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 3/4"	42	425'	470	CIRCULATE
11"	8 5/8"	24 & 32	2800'	865	CIRCULATE
7 7/8"	5 1/2"	17 & 26	11,200'	1255	2400'

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 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 NMCD RULE #107.
ALL BOPE SHALL BE INSTALLED AND TESTED ACCORDING TO NMCD RULES #109 & 114.

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

Signature:

Walter J. Amman

Printed name:

D. P. NORDT

Title:

DRILLING SUPERINTENDENT

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

OCT 13 1997

Expiration Date:

10-13-98