

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
311 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 6409	⁵ Property Name INDIAN HILLS UNIT	³ API Number 30-015-30878
		⁶ Well No. 23

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
N	16	21-S	24-E		660	SOUTH	1900	WEST	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 INDIAN BASIN - MORROW					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 4102
¹⁶ Multiple N	¹⁷ Proposed Depth 9,000	¹⁸ Formation MORROW	¹⁹ Contractor McVAY #4	²⁰ Spud Date 1/3/2000

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	16"	55	40	50	SURFACE
14.75"	9.625"	36	1800	1000	SURFACE
8.75"	7"	22.26	9000	1600	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

BOPE: 11" 3M DUAL RAM, ANNULAR & ROTATING HEAD.

ALL BOPE SHALL BE INSTALLED AND TESTED ACCORDING TO OCD RULES #109 & #114.

ALL CASING SHALL BE RUN AND CEMENTED IN ACCORDANCE WITH OCD RULE #107.

Notify OCD at SPUD & TIME
to witness cementing the
9 5/8" casing.

Minimum WOC time 18 hrs.

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

Signature: *W. J. Longmire*

Printed name: R. S. LONGMIRE

Title: DRILLING SUPERINTENDENT

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: 12-22-99

Expiration Date: 12-22-00