

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 CH-101
Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

MAY 1998
RECEIVED
OCD - ARTESIA

☐ 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 30-015-30247
⁴ Property Code 23345	⁵ Property Name LIGHTFOOT STATE "20"	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
M	20	19-S	28-E		810	SOUTH	660	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 Winchester; Upper Penn., West WILDCAT - OIL 96810					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3468'
¹⁶ Multiple NO	¹⁷ Proposed Depth 11,200'	¹⁸ Formation PENNSYLVANIAN	¹⁹ Contractor MCVAY	²⁰ Spud Date 5/22/98

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	13.625"	48	425'	470	SURFACE
12.25"	9.625"	36	2,800'	900	SURFACE
8.75"	5.5"	15.5, 17	10,200'	1,900	+/- 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 NMOC RULE #107.
ALL BOPE SHALL BE INSTALLED AND TESTED ACCORDING TO NMOC RULES #109 7 #114.

Post ID-1
5-22-98
API + Loc

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

Signature:

Walter J. Nordt

Printed name: D. P. NORDT

Title: DRILLING SUPERINTENDENT

OIL CONSERVATION DIVISION

Approved by:

Jim W. Green

B6A

Title:

District Supervisor

Approval Date:

5-18-98

Expiration Date:

5-18-99