

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
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
		³ API Number 30-0 15-30367
⁴ Property Code 23457	⁵ Property Name PAGAN STATE	⁶ Well No. 2

⁷ Surface Location

U.I. or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
L	26	18-S	28-E		2,010	SOUTH	990	WEST	EDDY

⁸ Proposed Bottom Hole Location If Different From Surface

U.I. or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
F	26	18-S	28-E		1,700	NORTH	2,260	WEST	EDDY

⁹ Proposed Pool 1 TRAVIS - UPPER PENNSYLVANIAN	¹⁰ Proposed Pool 2
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¹¹ Work Type Code PB	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3514
¹⁶ Multiple NO	¹⁷ Proposed Depth 9800 TVD	¹⁸ Formation U. PENN	¹⁹ Contractor TMBR/SHARP	²⁰ Spud Date 1/23/99

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17.5"	*13.375"	48	445'	400	CIRCULATED
12.25"	*9.625"	36	2947'	1150	CIRCULATED
8.75"	*7"	23#, 26#	9960'	990'	CIRCULATED

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.

PROPOSE TO PLUG BACK AND DRILL HORIZONTAL LATERAL TO AN ORTHODOX BHL IN THE TRAVIS
UPPER PENN. KOP @ +/- 9730'. LENGTH OF LATERAL +/- 2,050'.

PROPOSE TO DEDICATE 160 ACRES. S/2 NW/4 & N/2 SW/4

SEE ATTACHED BOPE DIAGRAM.

* CASING IN PLACE

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Walter J. Longmire</i> Printed name: R. J. LONGMIRE Title: DRILLING SUPERINTENDENT	OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR Title: Approval Date: 12-16-98 Expiration Date: 12-16-99
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