

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

Form C-101
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

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 6488	⁵ Property Name LOU WORTHAN	³ API Number 25 30-088-10213
		⁶ Well No. 4

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
G	11	22-S	37-E		1980	NORTH	1980	EAST	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 TUBB - OIL/GAS					¹⁰ Proposed Pool 2 BLINEBRY - OIL/GAS				

¹¹ Work Type Code D	¹² Well Type Code 0	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3341'
¹⁶ Multiple NO	¹⁷ Proposed Depth 6250'	¹⁸ Formation <i>Sub B</i> BLINEBRY	¹⁹ Contractor UNKNOWN	²⁰ Spud Date

²¹ Proposed Casing and Cement Program						
* Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC	
* 17 1/2"	13 3/8"	48	302'	300	SURFACE	
* 12 1/4"	8 5/8"	32	2800'	3500	1400'	
* 7 7/8"	5 1/2"	15.5, 17	5080'	500	2092'	
		OPEN HOLE	5146'			
7" (UNDER BEAM)	4"	10.46	6250'	250	4960'	

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 SQUEEZE GRAYBURG PERFS 3632' - 3782', DEEPEN WELL 5080' - 6250' TO BLINEBRY.
 RUN 4" LINER, PERFORATE & TEST BLINEBRY.

SEE ATTACHED PROCEDURE FOR DETAIL.

Permit Expires 1 Year From Approval Date Unless Drilling Underway
Teener

* 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. Quinn</i>	OIL CONSERVATION DIVISION ORIGINAL SIGNED BY	
Printed name: D. P. NORDT	Approved by: GARY WINK	Title: FIELD REP. II
Title: DRILLING SUPERINTENDENT	Approval Date: JUL 16 1998	Expiration Date:

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WJ
MP