

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
2. Type of Well
OIL WELL ☐ GAS WELL ☐ OTHER Injector SINGLE ZONE ☐ MULTIPLE ZONE ☐
3. Name of Operator
Marathon Oil Company
4. Address of Operator
P. O. Box 552, Midland, TX 79702
5. Location of Well
UNIT LETTER I LOCATED 1340 FEET FROM THE south LINE
10 FEET FROM THE east LINE OF SEC. 16 TWP. 22-S RGE. 36-E NMPM
6. County
Lea
7. Unit Agreement Name
8. Farm or Lease Name
McDonald State A/C 1
9. Well No.
33
10. Field and Pool, or Wildcat
S. Eunice/7-Rivers-Queen
11. Proposed Depth
3900'
11A. Formation
7-Rivers/Queen
12. Rotary or C.T.
Rotary
13. Elevations (show whether DF, RT, etc.)
3552' GL
14. Kind & Status Plug. Bond
Blanket-Current
15. Drilling Contractor
16. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	450'	200	Circulate
7-7/8"	5-1/2"	15.5#	3900'	850	Circulate

Plan to drill to 3900'.

Cement and test all casing by approved methods.

Blowout prevention equipment will be a 14" annular or rotating head for the surface hole and an 11" 3M annular, 11" 3M dual ram with remote controls and 3M choke system for the 7-7/8" hole. Well is anticipated to be completed as a 7-Rivers-Queen injection well.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Drilling Superintendent Date 1/31/91

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

R-9503 VSL & Amy QN