

30-025-31163

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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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work				7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injector</u> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Farm or Lease Name McDonald State A/C 1	
c. Name of Operator Marathon Oil Company				9. Well No. 37	
d. Address of Operator P. O. Box 552, Midland, TX 79702				10. Field and Pool, or Wildcat S. Eunice/7-Rivers-Queen	
e. Location of Well UNIT LETTER <u>K</u> LOCATED <u>2620</u> FEET FROM THE <u>south</u> LINE ND <u>1330</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>16</u> TWP. <u>22-S</u> RCE. <u>36-E</u> NMPM				12. County Lea	
19. Proposed Depth 3900'				19A. Formation 7-Rivers/Queen	
20. Rotary or C.T. Rotary				21. Kind & Status Plug. bond Blanket-Current	
1. Elevations (Show whether DF, RT, etc.) 3549' GL		21B. Drilling Contractor		22. 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 4/31/91

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval.  
Date Unless Drilling Underway.

R-9503 NSL <sup>4</sup> Ang SR QN [Signature]