

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

5A. Indicate Type of Lease
STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name McDonald St. A/C 1
2. Name of Operator Marathon Oil Company		9. Well No. 45
3. Address of Operator P. O. Box 552, Midland, TX 79702		10. Field and Pool, or Wildcat S. Eunice/7-Rivers Queen
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>north</u> LINE AND <u>510</u> FEET FROM THE <u>east</u> LINE OF SEC. <u>16</u> TWP. <u>22-S</u> RGE. <u>36-E</u> NMPM		12. County Lea
19. Proposed Depth 3900'		19A. Formation 7-Rivers-Queen
20. Rotary or C.T. Rotary		
21. Elevations (show whether DF, RT, etc.) 3549' GL	21A. Kind & Status Plug. Bond Blanket-Current	21B. Drilling Contractor Unknown
22. Approx. Date Work will start 2-10-91		

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 \pm 3900'.

Cement & test all casing by approved methods.

Blowout prevention equipment will be a 14" annular or rotating head for a diverter system on surface and an 11" 3M annular, & 11" 3M dual ram system with remote controls and 3M choke system.

Well is anticipated to be completed as a possible 7-Rivers-Queen producer.

IN 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 1/22/91

(This space for State Use)

APPROVED BY [Signature] TITLE Oil & Gas Inspector DATE JAN 22 1991

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.