

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-025-31167

Form C-101
Revised 10-1-78

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DISTRIBUTION	
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

a. Type of Work

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well

OIL WELL ☐ GAS WELL ☐ OTHER ☒ Injector SINGLE ZONE ☐ MULTIPLE ZONE ☐

c. Name of Operator

Marathon Oil Company

d. Address of Operator

P. O. Box 552, Midland, TX 79702

e. Location of Well

UNIT LETTER F LOCATED 1360 FEET FROM THE north LINE

NO. 1330

FEET FROM THE west LINE OF SEC. 16 TWP. 22-S RGE. 36-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

McDonald State A/C 1

9. Well No.

43

10. Field and Pool, or Wildcat

S. Eunice/7-Rivers-Queen

12. County

Lea

19. Proposed Depth

3900'

19A. Formation

7-Rivers/Queen

20. Rotary or C.T.

Rotary

1. Elevations (show whether DF, RT, etc.)

3562' GL

21A. Kind & Status Plug. bond

Blanket-Current

21B. Drilling Contractor

22. Approx. Date Work will start

3.

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

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

R-9503 NSL + Enj. SR-QW

Submit to Appropriate
District Office
State License - 4 copies
Fee License - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-88

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MARATHON OIL CO.			Lease McDONALD STATE A/C -		Well No. 43
Unit Letter F	Section 16	Township 22 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1360 feet from the NORTH line and 1330 feet from the WEST line					
Ground level Elev. 3562.4	Producing Formation Queen 7-Rivers/Grayburg		Pool S. Eunice	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). _____
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature
Printed Name
S. L. Atnipp
Position
Drilling Superintendent
Company
Marathon Oil Company
Date
1/31/91

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
1-7-91

Signature & Seal of
Professional Surveyor

Professional Surveyor
JOHN W. WEST
RONALD J. EIDSON
NEW MEXICO
125630

125630