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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-55

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
NM-106

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 type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Firm or Lease Name
2. Name of Operator	Marathon Oil Company	McDonald State A/C 1
3. Address of Operator	P. O. Box 2409, Hobbs, New Mexico 88240	9. Well No.
4. Location of Well	UNIT LETTER <u>P</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE	10. Field and Pool, or Wildcat
	AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>16</u> TWP. <u>22S</u> RGE. <u>36E</u> NMPM	Undesignated
		12. County
		Lea
	19. Proposed Depth	19A. Formation
	4100'	Grayburg
		20. Rotary or C.T.
		Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor
3479' GR (est)	Current	Cactus Drilling Co.
		22. Approx. Date Work will start
		March 14, 1977

23.

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	350'	250 sacks	Circulated
7 7/8"	4 1/2"	10.5	4100'	800 sacks	Circulated

Plan to drill to approximately 4100'.

Cement and test all casing by approved methods.

Blowout equipment to be used is 900 Series, Cameron or equivalent, with pipe and blank rams.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 6-8-77

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 William D. Holmes Title Petroleum Engineer Date March 8, 1977

(This space for State Use)

SUPERVISOR DISTRICT 1

APPROVED BY [Signature] TITLE

DATE 1977

CONDITIONS OF APPROVAL, IF ANY:

27-1-1947

MAR 6 1947

OIL CONSERVATION CO. INC.
HOBBS, N. M.