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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work 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 <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			5A. Indicate Type of Lease STATE <input type="checkbox"/> FREE <input checked="" type="checkbox"/>
2. Name of Operator Marathon Oil Company			5. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 2409, Hobbs, New Mexico 88240			7. Unit Agreement No.
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>990</u> FEET FROM THE <u>East</u> LINE AND <u>990</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>24</u> TWP. <u>22S</u> REC. <u>37E</u> N.M.P.M.			8. Form or Lease No. <u>I. I. Mingo</u>
21. Elevations (Show whether DP, RT, etc.) G. L. 3315.6'			9. Well No. <u>5</u>
21A. Kind & Status Plug. Bond Current			10. Field and Prop. or Wildcat Wantz Granite Wash
21B. Drilling Contractor Unknown			12. County Lea
21C. Proposed Depth 7700'			19A. Formation Granite Wash
21D. Drilling Contractor Unknown			20. Rotary or C.T. Rotary
22. Approx. Date Work will start October 15, 1976			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.3#	1250'	610	Surface
8-3/4"	7"	23#	7700'*	1500	Surface

Plan to drill to approximately 7700'.
Cement and test all casing by approved methods.
Blow out equipment to be used is 900 Series, Cameron or equivalent with pipe and blank rams. Remote BOP controls will be located on derrick floor with closing unit located a minimum of 75' from the wellhead.

*With DV tool at approximately 4500'.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES Jan 6, 1977

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 Robert J. Quorschel Title Petroleum Engineer Date October 5, 1976

(This space for State Use)
APPROVED BY John W. Runyan TITLE Geologist DATE OCT 6 1976

CONDITIONS OF APPROVAL, IF ANY:

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1976

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C. 20540

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL.

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

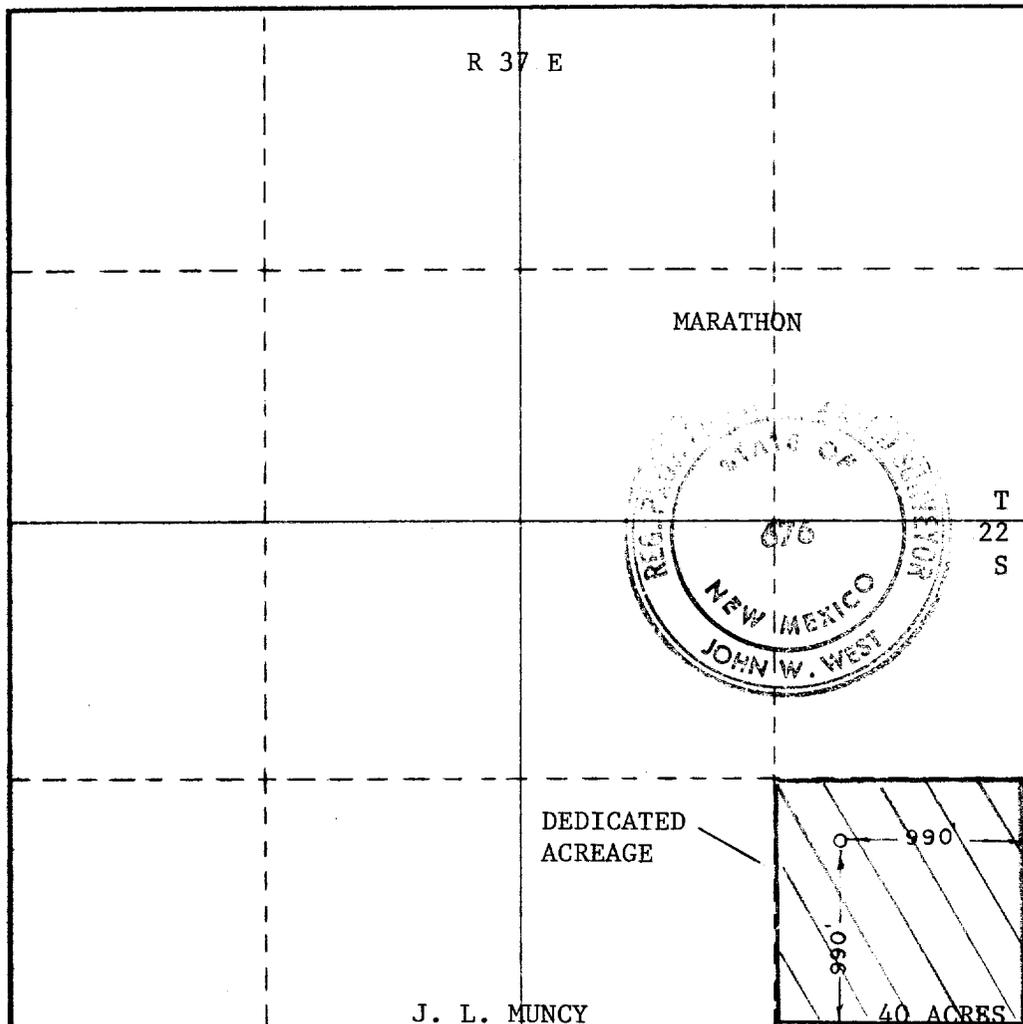
Operator MARATHON OIL COMPANY		Lease J. L. Muncy			Well No. 5
Unit Letter P	Section 24	Township 22 South	Range 37 East	County Lea	
Actual Footage Location of Well: 990 feet from the south line and 990 feet from the east line					
Ground Level Elev. 3315.6	Producing Formation Granite Wash		Pool Wantz Granite Wash	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 interests, has been approved by the Commission.



CERTIFICATION

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

Robert J. Duenckel

Name
Robert J. Duenckel
Position
Petroleum Engineer
Company
Marathon Oil Company

Date
October 5, 1976

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
Sept. 30, 1976
Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No. **676**



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APR 15 1976
GIL CONSERVATION COMM.
MOBBS, N. M.

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