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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FILE <input checked="" type="checkbox"/>

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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Lou Worthan
2. Name of Operator Marathon Oil Company		9. Well No. 18
3. Address of Operator P. O. Box 2409, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Wantz Granite Wash
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1905</u> FEET FROM THE <u>North</u> LINE AND <u>860</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>11</u> TWP. <u>22S</u> RGE. <u>37E</u> NMPM		12. County Lea
19. Proposed Depth 7700'		19A. Formation Granite Wash
20. Rotary or C.T. Rotary		21. Elevations (Show whether DT, RT, etc.) 3355' GR
21A. Kind & Status Plug. Bond Current		22. Approx. Date Work will start June 30, 1977

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'	650	Circulated
8 3/4"	7"	23#	7700'*	2450	Circulated

Plan to drill to approximately 7700'.

Cement and test all casing by approved methods.

Blowout 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 wellhead.

*D.V. tool at approximately 4500'.

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 D.P. Kovacevic Title Petroleum Engineer Date June 7, 1977

(This space for State Use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

SUPERVISOR

DATE

JUN 8 1977