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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"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Gas/Oil SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name Walter Lynch	
2. Name of Operator Marathon Oil Company		9. Well No. 5	
3. Address of Operator P. O. Box 2409, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Blinebry	
4. Location of Well UNIT LETTER <u>C</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>1</u> TWP. <u>22S</u> RGE. <u>37E</u> NMPM		12. County Lea	
21. Elevations (Show whether DF, RT, etc.) KDB 3362'; GL 3350'		21A. Kind & Status Plug. Bond Current	21B. Drilling Contractor Unknown
19. Proposed Depth 7500'		19A. Formation Granite Wash	20. Rotary or C.T. Rotary
22. Approx. Date Work will start 12-16-74			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
* 17"	13 3/8"	48	300'	250	Surface (calc.)
* 11"	8 5/8"	32	2800'	1500	Surface (calc.)
* 6 3/4"	5 1/2"	17	6440'	500	5110' (log)
** 4 3/4"	4"	9	6290-7500'	56	6290' (est.)

- Squeeze Blinebry perfs 5690-5820' (10 holes) w/75 sx Class "H" cement.
- Squeeze Paddock perfs 5169-5183' (90 holes) w/75 sx Class "H" cement.
- Drill out to PBTD (6181') and test casing.
- Clean out to original T.D. (6575') and drill new hole to 7500'.
- Log well.
- Run 4" O.D. FJ liner from T.D. back to 6290' and cement w/56 sx Class "H" cement.
- Perf, treat and test Granite Wash.
- Temporarily isolate Granite Wash interval with permanent packer equipped w/knockout plug.
- Perf, treat, and test Drinkard.
- Equip well as multiple completion.

*Casing in place.

**Proposed 4" casing liner.

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 M. L. Johnston Title Petroleum Engineer Date December 13, 1974

(This space for State Use)

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: