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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.	
NM-2579	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Luther Horton	
2. Name of Operator Marathon Oil Company		9. Well No. 1	
3. Address of Operator P. O. Box 2409, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Wildcat (ND)	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 24 TWP. 3-S RGE. 32-E NMPM		12. County Roosevelt	
19. Proposed Depth 8000'		19A. Formation Cisco	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4323.3' GR	21A. Kind & Status Plug. Bond Current	21B. Drilling Contractor Unknown	22. Approx. Date Work will start August 1, 1979

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48# (H40)	325'	350	Surface
12 1/4"	9 5/8"	32.3# (H40) 36,40# (K55)	4000'	1500	Surface
7 7/8"	5 1/2"	15.5, 17# (K55)	8000'	650	2750'

Propose to drill no deeper than 9,000' to encounter the Cisco formation.

All casing will be cemented and tested by approved methods.

Blowout equipment will be 900 Series Cameron pipe and blind rams, or equivalent. Remote controls will be located on derrick floor with closing unit a minimum of 75' from wellhead.

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 Mark E Brown Title Production Engineer Date July 9, 1979

(This space for State Use)

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JUL 10 1979