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RECEIVED
 NEW MEXICO OIL CONSERVATION COMMISSION
OCT 21 1976
O. C. C.
ARTESIA, OFFICE

30-015-21942

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 checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dual Oil Well SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name Arnquist Estate	
2. Name of Operator Marathon Oil Company ✓		9. Well No. 2	
3. Address of Operator P. O. Box 2409, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Wildcat Indefinite	
4. Location of Well UNIT LETTER A LOCATED 330 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE OF SEC. 29 TWP. 18S RGE. 26E NMPM		12. County Eddy	
19. Proposed Depth 3000'		19A. Formation Yeso	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DE, RT, etc.) 3422.3' G.L.	
21A. Kind & Status Plug. Bond Current		21B. Drilling Contractor Byrd Drilling Company	
22. Approx. Date Work will start October 25, 1976			

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'	275	Circulated
* 12 1/4"	9 5/8"	32.3	1200'	550	Circulated
8 3/4"	7"	23	3000'	600	Circulated

Plan to drill to approximately 3000'.

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 the wellhead.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 1-22-77

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 October 21, 1976

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE OCT 22 1976

CONDITIONS OF APPROVAL, IF ANY:

* noted above

Cement must be circulated to surface behind 13 3/8" & 9 5/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 9 5/8" casing