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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEC <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-5796	

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Form of Lease Name Marathon State State Section 17, Com	
2. Name of Operator Marathon Oil Company		9. Well No. 2	
3. Address of Operator P. O. Box 552, Midland, Texas 79702		10. Field and Pool, or Wildcat North Vacuum Atoka-Morr	
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 17 TWP. 17-S RCE. 35-E NMPM		12. County Lea	
19. Proposed Depth 12,500'		19A. Formation Atoka	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) GR: 3981.8'	21A. Kind & Status Plug. Bond Blanket-Current	21B. Drilling Contractor Unk.	22. Approx. Date Work will start June 1, 1987

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#	300'	315	Surface
12-1/4"	9-5/8"	36 & 40#	5000'	1000	Surface
8-3/4"	5-1/2"	17#	12,500'	1400	4500'

Plan to drill to ±12,500'.  
Cement and test all casing by approved methods.  
Blow out prevention equipment will be a 13-5/8", 3000# annular, 13-5/8", 3000# dual, 11", 5000# annular and 11", 5000# dual BOP system with remote controls.  
Well is anticipated to be completed as an Atoka gas well.

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO  
TIVE 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 Eui Mungle Title Engineer Date May 28, 1987

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 2 1987

CONDITIONS OF APPROVAL, IF ANY: