

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30 025 30110
Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FED <input type="checkbox"/>
5. State Oil & Gas Lease No.	
V-1687	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		Arkansas Junction Voluntary WI Unit	
2. Name of Operator		8. Farm or Lease Name	
Marathon Oil Company		State Section 27	
3. Address of Operator		9. Well No.	
P.O. Box 552, Midland, Texas 79702		1	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER B LOCATED 1300 FEET FROM THE North LINE		Wildcat	
AND 1980 FEET FROM THE East LINE OF SEC. 27 TWP. 17S RGE. 36E NMPM		12. County	
		Lea	
19. Proposed Depth		19A. Formation	
12,400'		Bone Spring/Atoka	
21A. Kind & Status Plug. Bond		20. Rotary or C.T.	
Blanket-Current		Rotary	
21B. Drilling Contractor		22. Approx. Date Work will start	
Unknown		November 15, 1987	
21. Elevations (Show whether DF, RT, etc.)			
GL: 3835.6'			

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#	400'	360	Surface
12 1/4"	9 5/8"	36#, 40#	4,400'	2000	Surface
7 7/8"	5 1/2"	17#	12,400'	2000	4000'

Plan to drill to $\pm 12,400'$.

Cement and test all casing by approved methods.

Blowout prevention equipment will be a 13 5/8" x 3000 psi annular, 13 5/8", 3000 psi dual ram, 11" x 3000 psi annular, and 11" x 3000 psi dual ram system with remote controls. Well is anticipated to be completed as a possible Bone Spring/Atoka oil/gas well.

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 Jerry D. Lewis Title Dist. Drilling Superintendent Date 10-19-87

(This space for State Use)

Eddie W. Seay

APPROVED BY Oil & Gas Inspector TITLE DATE OCT 21 1987

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.