

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

W M T OPERATING COMPANY, INC.

## 3. ADDRESS OF OPERATOR

P.O. Box 64299, Lubbock, Texas 79464

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface 2310' FSL 1650' FWL Sec.4-10S-38E

At proposed prod. zone  
Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15 Miles east and 15.5 miles north of Tatum, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 728.64'

(Also to nearest drig. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 1043.55'

## 16. NO. OF ACRES IN LEASE

613.07

## 19. PROPOSED DEPTH

5200'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

33.15

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3896' GL

## 22. APPROX. DATE WORK WILL START\*

As soon as possible

## 23.

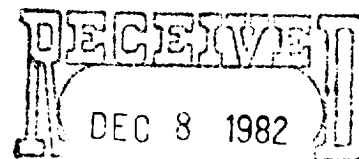
## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0# K-55	400'	300 sx - Circulated
7-7/8"	4-1/2"	9.5# K-55	5200'	1200 sx - Circulated

It is proposed to drill this well to about 5200' to test the San Andres formation for oil production.

Blowout preventer stack will include a 10", Series 900, double ram preventer rated to 3000# W.P.

See attached "Supplemental Drilling Data".

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

JERRY W. LONG

TITLE Agent

DATE

December 7, 1982

(This space for Federal or State office use)

PERMIT NO.

DEC 17 1982

APPROVAL DATE

APPROVED BY

JAMES A. GILLHAM

TITLE

DATE

CONDITIONS OF APPROVAL

DISTRICT SUPERVISOR