

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-015-20796  
5. LEASE DESIGNATION AND SERIAL NO.  
NM 0405444

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

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## 1b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐OTHER ☐

RECEIVED

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Texas American Oil Corporation

JAN 11 1973

## 3. ADDRESS OF OPERATOR

1012 Midland Savings Building, Midland, Texas 79701

## 4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side.)

At surface  
660' FSL, 1650' FEL

At proposed prod. zone

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Todd "23" Federal

## 9. WELL NO.

1

## 10. FIELD AND POOL, OR WILDCAT

Sand Dunes  
(Cherry Canyon)11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec 23, T-23-S, R-31-E

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

35 miles northwest Jal, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

## 16. NO. OF ACRES IN LEASE, OFFICE OF ACRES ASSIGNED

1320

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

1320

## 19. PROPOSED DEPTH

6200

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3450.3 GR

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

January 20, 1973

## 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#	600	380 sx or Circ. (1)
7-7/8"	5-1/2"	15.5#	6200	2660 sx (2)

(1) Circulate cement on surface casing.

(2) Two-stage cement tool at 4300' and cement as follows: First Stage -  
660 sx Class C. Second Stage - 2000 sx lite w/3# Gilsonite/sx. Cover  
salt section and tie back to surface casing.RECEIVED  
DEC 15 1972  
U. S. GEOLOGICAL SURVEY  
ARTESIA, 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.

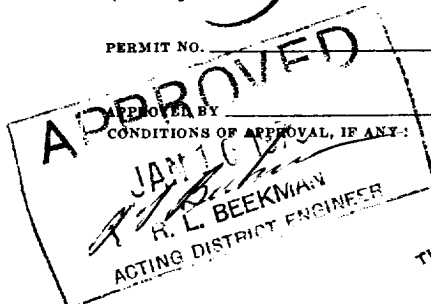
24. SIGNED [Signature] TITLE Engineer DATE December 14, 1972

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

DATE \_\_\_\_\_

THIS APPROVAL IS VALID FOR OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES APR 10 1973  
\*See Instructions On Reverse Side