

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

Texas American Oil Corporation

3. ADDRESS OF OPERATOR

1012 Midland Savings Building, Midland, Texas 79702

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

At surface

1980' FNL & 1990' FWL

At proposed prod. zone

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 drig. unit line, if any)

1980'

16. NO. OF ACRES IN LEASE

600

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 - 320 - 640

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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19. PROPOSED DEPTH

15,500

20. ROTARY OR CABLE TOOLS

Rotary

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

3486.7 GR

22. APPROX. DATE WORK WILL START*

Before 5-1-74

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	600'	1600 sx circulated
17-1/2"	13-3/8"	61#, 68#, 72#	4,400'	3400 sx circulated
12-1/4"	9-5/8"	43.5#, 47#	12,700'	2400 sx est. top 4000'
8-1/2"	7-5/8" liner	39#	15,500'	300 sx.

This well is to replace the Todd "25" Federal No. 1, which was spudded Apr. 16, 1974, and subsequently drilled to a present total depth of 249 ft. A bit has been lost in the hole. Fishing operations for the bit have been conducted from Apr. 29, 1974 to this May 6, without any success thus far in recovering the bit. As a consequence, it is considered prudently necessary to abandon the Todd "25" Federal No. 1 at the present depth of 249 ft. with the bit in the hole, and maintain continuous drilling operations by skidding the present rig approximately 10 ft. due east of the Todd "25" Fed. No. 1 location to this Todd "25" Fed. 1-Y location for drilling operations on a new hole. Due to the shortage of rotary rigs and casing, we propose to continue with our original drilling program by drilling the upper part of the hole with cable tools. The remainder of the hole is to be drilled with a rotary rig to a sufficient depth to adequately test the Morrow zone, or 15,500 ft., whichever is lesser, as originally projected. We propose to furnish surveyor's plat for No. 1-Y at completion time.

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

TITLE Engineer

DATE 5-6-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

MAY 9 1974

APPROVED BY

TITLE

DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

R

*See Instructions On Reverse Side

MAY 13 1974

G. C. C.

ARTESIA OFFICE