

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23253

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

Tenneco Oil Company

O. C. D.

3. ADDRESS OF OPERATOR

ARTESIA, OFFICE

6800 Park Ten Blvd., Suite 200 North, San Antonio, Texas 79218

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

At surface

990 FSL, 1980 FWL, Sec 24, T21S, R25E

At proposed prod. zone

Same As Above

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

7.5 miles NW of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

990'

16. NO. OF ACRES IN LEASE

640 ac unitized sec

17. NO. OF ACRES ASSIGNED

TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION*

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

3000'

19. PROPOSED DEPTH

11,100

20. ROTARY OR CABLE TOOLS

Rotary

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

3437 GR

22. APPROX. DATE WORK WILL START*

April 25, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48#	350'	Cement is to circulate
11"	8-5/8"	32#	1900'	Cement is to circulate
7-7/8"	5½"	15.5# & 17#	±11,100 (PTD)	1000' above the shallowest probable productive zone.

1. Set 40' of 20" conductor pipe. Cement with Redimix.
2. Drill 17½" hole to 350'±. Cement 13-3/8" casing w/cement circulated to surface. Nipple up 10" 3000# WP BOPS.
3. Drill 11" hole to 1900'±. Cement 8-5/8" casing w/cement circulated to surface to isolate lost circulation zones in the Delaware Section.
4. Nipple up 10" 3000# WP BOPS. Test ram type BOP to 3000 psi. Test annular BOP and 8-5/8" csg to 1500 psi. Function test BOPs daily and on all trips.
5. Drill 7-7/8" hole to 11,100' TD, log and test as necessary. Run 5½" csg if productive.
6. Perforate and stimulate as necessary. Gas to be produced is dedicated. See attached Exhibits.

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

Theodore K. Arnet

TITLE Division Drilling Engineer

DATE

2/18/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

3-27-80

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: