

UNITEL RATES  
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

Tenneco Oil Company

## 3. ADDRESS OF OPERATOR

1860 Lincoln Street, Suite 1200, Denver, Colorado 80203

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

At surface

1980 FSL &amp; 1650 FWL

At proposed prod. zone  
same

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

## 15. DISTANCE FROM PROPOSED\*

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

1650'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

+ 1900

## 16. NO. OF ACRES IN LEASE

520

## 19. PROPOSED DEPTH

5040

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3622 GL

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

Upon Approval

## 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#	± 350	Sufficient to circulate
7 7/8	5 1/2	15.5#	TD 5040	Cement back to surface casing.

1. Drill 12 1/4" hole to ±350'
2. Set 8 5/8" OD surface casing & cement to surface.
3. Drill 7 7/8" to TD, mud will be clear wtr to top of salt @ approx. 1430, then near-saturated salt mud to TD.
4. Run BHC W/GR and dual induction logs.
5. Run 5 1/2" casing and cement to base of salt if well is commercially productive.
6. If non productive P&A as per USGS specs. erect dry hole marker and restore area.

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

Production Clerk

DATE

(This space for Federal or State office use)

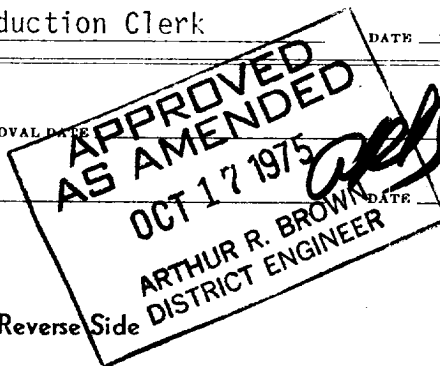
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



JAN 17 1975

\*See Instructions On Reverse Side

IN RE: M. B. BROWN  
U.S. DISTRICT COURT  
SOUTHERN DISTRICT OF NEW YORK

FILED

RECEIVED