

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

Phillips Petroleum Company

## 3. ADDRESS OF OPERATOR

Room 711, Phillips Bldg., Odessa, Texas 79761

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

At surface

1980' FS &amp; 660' FW

At proposed prod. zone

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

Appx 33 miles NE Carlsbad

## 15. DISTANCE FROM PROPOSED\*

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

660' W

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

none

## 16. NO. OF ACRES IN LEASE

640+

## 19. PROPOSED DEPTH

13,800'

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

## 20. ROTARY OR CABLE TOOLS

rotary

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

advise later

## 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
20"	16"	65#	400'	Circulate at surface
13 3/4"	10 3/4"	45.5#	3700'	Circulate at surface
9 5/8"	7 5/8"	26.4#	11300'	Suff. to cover productive interval
6 3/4"	5 1/2" Liner	17#	TD	Sufficient to circulate around liner

Mud Program - see attached

Blowout Preventors: Series 900 to 3700'; Series 1500 to TD. (See attached sketches)

This well is located in a defined Federal defined potash mining area. Potash lease owner is:

Teledyne Potash  
Box 101,  
Carlsbad, New Mexico 88220Copies this filing mailed to Teledyne on  
date below. See photo copy of mailing receipt.

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

W. P. Mueller

TITLE

Senior Reservoir Engineer

DATE

5-31-73

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: