

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

Petroleum Corporation of Texas

## 3. ADDRESS OF OPERATOR

P. O. Box 501 Kermit, Texas 79745

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

At surface

660' FSL &amp; 1650' FEL

At proposed prod. zone

Same

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

18 miles south of Maljamar, NM

## 15. DISTANCE FROM PROPOSED\*

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

330'

## 16. NO. OF ACRES IN LEASE

360

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

2,000'

## 19. PROPOSED DEPTH

4300'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3754.9 GR

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

December 6, 1982

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.7#	20'	4 yds ready mix
11"	8 5/8"	24 #	1200'	800 Sx Class "C" Circulated
7 7/8"	5 1/2"	15.5#	4300'	450 Sx Class "C"

Propose to drill and test the Queen and intermediate formations with a total depth of 4300'. If well proves commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

BOP Program: A Shaffer LWS series 900 double BOP hydraulic operated, will be installed and tested daily. See Exhibit "E".

## Mud Program:

0' - 1200' Fresh water spud mud, Wt. 8.8 - 9.2 ppg, Vis. 32 - 35, No WL control.  
1200' - 3850' Brine and native mud, mud wt. 9.9 - 10.2 ppg, Vis. 32 - 35, No WL control.  
3850' - 4300' Mud up with salt water base, mud wt. 10.1+ ppg, Vis. 36 - 38, WL 10-15 cc.

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.

Agent for:

Petroleum Corporation of Texas, November 17, 1982

SIGNED

*George H. Stewart*

TITLE

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd.) GEORGE H. STEWART

APPROVAL DATE

NOV 22 1982

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

TITLE

DATE

NOV 17 1982

OIL & GAS  
MINERALS SERVICE  
ROSWELL, NEW MEXICO