

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
**RECEIVED**

## 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 ☐

O. C. C.

ARTESIA, OFFICE

SINGLE ZONE ☒MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

Petroleum Corporation of Texas

## 3. ADDRESS OF OPERATOR

Post Office Box 911

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

At surface Unit F, 2310' FNL &amp; 2310' FWL, S-21, T-175, R-30E

At proposed prod. zone

Approximately 62' N, &amp; 114' of Surface Location

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

Well located in Loco Hills

15. DISTANCE FROM PROPOSED\* 330' from E. Lse Line  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT. 330' from S. Lse Line  
(Also to nearest drlg. unit line, if any)16. NO. OF ACRES IN LEASE  
12017. NO. OF ACRES ASSIGNED  
TO THIS WELL  
4018. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

840

19. PROPOSED DEPTH  
Plug back to 3420'20. ROTARY OR CABLE TOOLS  
Rotary

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

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

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11" 0-1442'	8-5/8"	28#	1442'	500 sx
7-7/8" 1442-6859'	4-1/2"	11.6# & 9.5#	6859'	658 sx

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OCT 24 1979

Present PBTD = 6630' (CIBP with 35 sx cement plug on top)

Proposed Plan to Recomplete is as follows:

U.S. GEOLOGICAL SURVEY  
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1. Perforate well at 3426'. Set cement retainer at  $\pm$  3420' and cement casing with 500 sx of cement.
2. WOC 24 hours and obtain good cement bond log.
3. Perforate selected intervals from porosity log in zones from 3410' to 2615'.
4. Frac well in stages as per recommendation,
5. Place well on production.

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

*E. L. Dolans*

TITLE Division Superintendent

DATE October 19, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

ACTING DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY: