

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

copy to J. J.

30-015-20125

NM 074951

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## 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

Ryder Scott Management Company

## 3. ADDRESS OF OPERATOR

922 8th Street, Wichita Falls Texas, 76301

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

At surface

660' FSL &amp; 1650' FEL, Sec. 24, T16S, R30E

At proposed prod. zone

(SW 1/4 SE 1/4)

## 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)

660' FSL

## 16. NO. OF ACRES IN LEASE

80

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.

## 19. PROPOSED DEPTH

3300'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3810' G. L.

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

On or before 3/15/68

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13-3/8"		30'	Cement to surface
11"	*	24#	450'	*
7-7/8"	4-1/2"	10.5#	3300	250-sx

\*

At H. J. Loe Federal Well #8 there was no loss of circulation. We therefore plan no intermediate string at 450' unless loss of circulation occurs. If loss occurs 8-5/8" will be run & cemented to surface. If no casing is set, 50 sax of cement will be spotted outside of 4-1/2" casing thru 1" pipe at 400'.

The acreage dedicated (40 ac.) to the objective pay zone will cover the depth from approximately 3000' to 3300' including the Metex and Premier zones of the lower Grayburg formation and Lovington zone in the upper San Andres formation.

RECEIVED

FEB 27 1968

RECEIVED  
FEB 26 1968

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 prevention program, if any.

ARTESIA, OFFICE

## 24.

SIGNED

TITLE Ass't. Prod. Supt.

DATE 2/23/68

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
FEB 26 1968  
R. L. DEANMAN  
ACTING DISTRICT ENGINEER

\*See Instructions On Reverse Side

THIS PERMIT IS VALID FOR 3 MONTHS  
ARE NOT VALID WITHIN 3 MONTHS.  
EXPIRES MAY 26 1968