

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

PIERCE & DEHLINGER

3. ADDRESS OF OPERATOR

201 Gihls Tower West, Midland, Texas 79701

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

At surface

1980' FNL & 660' FEL Sec. 13, T-9-S, R-33-E

At proposed prod. zone

1980' FNL & 660' FEL Sec. 13, T-9-S, R-33-E,

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

11 miles west of Crossroads, New Mexico

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

80'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9750'

20. ROTARY OR CABLE TOOLS

Rotary

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

4320' G.R.

22. APPROX. DATE WORK WILL START*

10 days to 2 weeks

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	12 3/4"	42# - H40	400'	450 sx. Class H 2% CaCl circ.
11"	8 5/8"	24 & 32# K55	4000'	400 sx. Class H 2% CaCl
7 7/8"	5 1/2"	15.50 & 17.00# K-55 and N80	9700'	350 sx. Class C 3/4 of 1% CFR2 & 8 lbs. salt/sx.

Mud Program:

0 - 3600' Native
3600 - 4000' Salt Gel
4000 - 7200' Produced water
7200 - 9500' Salt Gel
9500 - 9750' Salt Gel

BOP Program:

Size 10-900 Series - 6000#

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 Partner

DATE Oct. 22, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
OCT 29 1973

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side