

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
HNG Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 2267, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 4720' FSL & 1650' FEL
At proposed prod. zone 4720' FSL & 1650' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
13 miles NE from Carlsbad

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1650'

16. NO. OF ACRES IN LEASE 748.40

17. NO. OF ACRES ASSIGNED TO THIS WELL 294.31

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH 12,800'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3407' GR

22. APPROX. DATE WORK WILL START* Upon approval

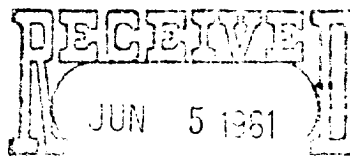
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	16"	65# H-40	415'	600 sacks CIRCULATE
12-1/4"	9-5/8"	40# K-55	4000'	3200 sacks CIRCULATE
6-1/8"	5-1/2"	15.5# K-55 N-80	12800'	1000 sacks

PRESSURE CONTROL PROGRAM

A double blow-out preventer and rotating head with a choke manifold will be installed at the 9-5/8 inch casing setting point, and will be tested to 5000 lbs. after installation. The drill string will be equipped with a safety valve.

Acreage is dedicated.



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 Betty A. Gildon TITLE Regulatory Clerk DATE 5/19/81
Betty A. Gildon

(This space for Federal or State office use)

APPROVED
(Stamp No. 1) GEORGE H. STEWART
APPROVED BY JUN 2 1 1981
CONDITION AS SHOWN
FOR
JAMES A. GILHAM
DISTRICT SUPERVISOR

APPROVAL DATE

TITLE

DATE

*See Instructions On Reverse Side