

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WELL

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

Box 2267, Midland, Texas 79702

4. LOCATION (Show location clearly and in accordance with any State requirements.)

At surface

1980 FNL & 660 FNL

At proposed prod. zone

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

16 miles South of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

ROAD OR RAIL LINE, FT.

(Also to nearest dip, if any)

660

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

None

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

12,600

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATION (Show whether BP, RT, GR, etc.)

3359.3 GR

22. APPROX. DATE WORK WILL START

5-1-77

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	10-3/4"	40.5#	2250	800 sx circ cmt to surf
8-1/2"	7"	23# to 26#	9200	900 sx calc cmt top @ 500'
6-1/8"	4-1/2 Lin	13.5#	12600	300 sx cmt top @ 9200'

PRESSURE CONTROL PROGRAM

Blow-out preventer and annular preventer with choke manifold and drill string safety valve will be installed @ 10-3/4 csg pnt. All equip will be tested to 3000 lb. W.P.

(Same as above) installed @ 7" csg pnt. All equip tested to 5000# W. P.

RECEIVED

FEB 22 1977

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug b. zone. If proposal is to drill or deepen directionally, give pertinent data on sub-preventer program, if any.

Give data on proposed zone and proposed new productive locations and indicate the critical depth. Give blowout

24

SIGNED

Tom Pedernig

TITLE

Adm. Supervisor

DATE

2-16-77

(This space for Federal or State office use)

APPROVED BY

APPROVED BY
CONDITIONS: (If any)APPROVED BY
CONDITIONS: (If any)

ACTING DISTRICT ENGINEER

APPROVAL DATE

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
JUN 25 1977
EXPIRES

*See Instructions On Reverse Side

DECLARED WATER BASIN

CEMENT BEHIND THE
CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO
WITHIN 10 DAYS OF THE CASING.