

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

30-015-22396

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

b. TYPE OF WELL OIL WELL [] GAS WELL [X] OTHER [] SINGLE ZONE [] MULTIPLE ZONE []

2. NAME OF OPERATOR HNG Oil Company RECEIVED

3. ADDRESS OF OPERATOR P.O. Box 2267, Midland, Texas 79702 JAN 11 1978

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

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 19 Miles South of Carlsbad, New Mexico

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

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5280'

19. PROPOSED DEPTH 11800

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3412 GR.

22. APPROX. DATE WORK WILL START* August, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 13-3/4" hole with 10-3/4" casing, 8-1/2" hole with 7" casing, and 6-1/8" hole with 4-1/2" Lin. casing.

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 equipment will be tested to 3000 lb. W.P.

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

RECEIVED

MAY 31 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 subs preventive program, if any. Give data on present productive zone and proposed new productive locations and measured and true vertical depths. Give blowout

24. SIGNED Tom Pickering TITLE Administrative Supervisor DATE 5/27/77

PERMIT NO. APPROVAL DATE JAN 10 1978

APPROVED BY Joe J. L... TITLE ACTING DISTRICT ENGINEER DATE JAN 10 1978

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS. EXPIRES APR 10 1978

*See Instructions On Reverse Side