

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21026

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

Post Office Box 767, Midland, Texas 79701

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

At surface
860' FNL and 1980' FWL of Section 31, T-24S, R-27E

At proposed prod. zone

Morrow

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

15 miles west southwest from Malaga, New Mexico

15. DISTANCE FROM PROPOSED*

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

860'

16. NO. OF ACRES IN LEASE

624

17. NO. OF ACRES ASSIGNED--
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

12,100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3391 GR

22. APPROX. DATE WORK WILL START*

December 28, 1973

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"	44.50#	2200	1300
9-1/2"	7-5/8"	39#	9200	900
6-1/2"	4-1/2" Lnr	13.5#	12125	500

Conductor pipe must be ran & cemented

1. 10-3/4" surface casing to be set at 2200' and cement circulated
2. Cement behind the 7-5/8" casing should be sufficient to isolate all productive zones
3. Cement behind the 4-1/2" liner should be sufficient to isolate all productive zones

INTENDED MUD PROGRAM

- A. 10° ppg brine water to 2200'
- B. 1°-9.5 brackish water to 9200'
- C. 10°-10.6 KCC water with soda ash to control weight to p.y ppg to 12,100' total depth

RECEIVED

NOV 27 1973

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.

SIGNATURE David Tomlin TITLE Production Clerk DATE November 16, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

NOV 26 1973

APPROVED BY

DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

6-22-73

*See Instructions On Reverse Side

RECEIVED
JUL 10 1970
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE

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