

NM OIL CONS. COMMISSION

Drawer 20

Artesia, NM 88210

UNITED STATES RECEIVED  
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

SEP 23 1985

30-015-254 08

## APPLICATION FOR PERMIT TO DRILL DEEPEN OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐ARTESIA, PLUG BACK ☐

5. LEASE DESIGNATION AND SERIAL NO.

NM 40655

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 24

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Sand Dunes (Cherry Canyon)

11. SEC., T., E., M., OR BLK.  
AND SURVEY OR AREA

Sec. 24, T-23-S, R-31-E

12. COUNTY OR PARISH

Eddy County New Mexico

b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Kaneb Production Company

3. ADDRESS OF OPERATOR

400 Wilco Building Midland, Texas 79701-4466

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

At surface 2310' FSL &amp; 330' FWL

At proposed prod. zone

2310' FSL &amp; 330' FWL

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

21 miles east of Loving, New Mexico

15. DISTANCE FROM PROPOSED\*

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

330'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

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

1000'

19. PROPOSED DEPTH

6200'

20. ROTARY OR CABLE TOOLS

Rotary

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

3482' GL, 3493' DF

22. APPROX. DATE WORK WILL START\*

October 1, 1985

23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 17 1/2"      | 13 3/8"        | 48#             | 500'          | CIRCULATE          |
| 12 1/4"      | 8 5/8"         | 24# & 32#       | 4300'         | CIRCULATE          |
| 7 7/8"       | 4 1/2"         | 10.5#           | 6200'         |                    |

Mud Program: See Exhibit G.

BOP Program: See Exhibit E.

Cement Program: See Exhibit F.

- 13 3/8" casing: 530 sx Class "C" containing 2% CaCl<sub>2</sub> 150  
8 5/8" casing: 1840 sx Pace Setter lite containing 1% salt and  
1 lb/sx HiSeal; tail in with 390 sx Class "C" Neat.  
4 1/2" casing: 660 sx 50-50 P02 mix "A" Class "C" containing 5 lb/sx salt.

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

L.D. Sorensen

TITLE

Division Production Manager

DATE

5/29/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED