

N. M. O. C. C. CORP.

SUBMIT IN TRIPlicate  
(Other Instruct on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

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  
Humble Oil & Refining Company

3. ADDRESS OF OPERATOR  
P. O. Box 1600, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
9'1" FWL & 660' FNL  
At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
21 miles Southeast of Hagerman

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)  
330'  
330'

16. NO. OF ACRES IN LEASE  
78.92

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
39.44

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.  
1,470'

19. PROPOSED DEPTH  
2,000'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
To be filed later

5. LEASE DESIGNATION AND SERIAL NO.  
NM-0586551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hesse - Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Double L Queen (Chaves)

11. SEC., T., R., M., OR B.L.  
AND SURVEY OR AREA  
Section 7, T-15-S, R-30-

12. COUNTY OR PARISH  
Chaves

13. STATE  
New Mexico

22. APPROX. DATE WORK WILL START\*  
May 11, 1970

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24#	400'	*300 sacks
7 7/8"	4 1/2"	11.5#	2,000'	**300 sacks

\*Circulate to surface using Class "C" neat cement.

\*\*Cement back to salt zone at approximately 1,000' w/Class "C" neat cement.

Fresh water mud from surface to TD.

HOWCO method of cementing to be used.

RECEIVED  
MAY 5 - 1970  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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 A. L. Clemmer D. L. Clemmer TITLE Unit Head DATE 5-4-70

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED  
T. L. BEEKMA  
THIS PERMIT IS RE-CEIVED IF OPERATIONS  
ARE NOT COMPLETED WITHIN 3 MONTHS.  
AUG 5 - 1970

\*See Instructions On Reverse Side