

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other in tions on
reverse de)

Copy to J. 30-015-20144

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 Co.

3. ADDRESS OF OPERATOR

P. O. Box 1600, Midland, Texas

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

At surface

1980' FWL & 960' FNL, Sec. 31, T-23-S, R-26-E

At proposed prod. zone

Same

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

12 miles SW of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

960'

16. NO. OF ACRES IN

5,114.36

17. NO. OF ACRES ASSIGNED
TO THIS WELL

318.55

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

11,500'

20. ROTARY OR CABLE TOOLS

Rotary

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

22. APPROX. DATE WORK WILL START*

5-25-68

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	55#	30'	Cement to surface w/ready mix
13 3/4"	11 3/4"	42#	1,300'	350 sacks cement *
11"	8 5/8"	32#	4,650'	950 sacks cement **
7 7/8"	5"	15#	11,500'	500 sacks cement ***

* Circulate to surface using 300 sacks of Trinity lite-water w/10# Gilsonite, 1/2# Flocele & 2% CaCl₂ added per sack & 50 sacks neat cement w/2% of CaCl₂ around shoe.

** Circulate back to 11 3/4" casing using 900 sacks Trinity lite-water w/5# Gilsonite, 1/2# Flocele & 2% CaCl₂ added per sack & 50 sacks neat cement around shoe.

*** Circulate back to 9,500' or 600' above top of uppermost pat section. Drill from 0 to 4650' w/air or air moist and from 4650' to TD using brine water.

Waiting on cement time: 18 hours.

No coring is planned.

This well is located within the Carlsbad Water Basin.

This well is projected to the Pennsylvanian Zone as a gas well. B.O.P. to be used on all casing strings.

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

J. E. Pinkerton

TITLE

Proration Supervisor

DATE 5-13-68

(This space for Federal or State office use)

PERMIT NO.

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

MAY 13 1968

H. L. G. MAN

THIS APPROVAL IS RECORDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS
EXPIRES AUG 15 1968

*See Instructions On Reverse Side