

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Copy to J.F.

5. LEASE DESIGNATION AND SERIAL NO.
NM-0468129

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Willow Draw Unit

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Seven Rivers Hills W/C

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 30, T-20-S, R-26-E

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

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
Box 1600, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
2106 FNL 1830 FEL Sec. 30, T-20-S, R-26-E, Eddy Co.
At proposed prod. zone Same
Pennsylvanian

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 NW of Carlsbad, N. M.

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1830 EL

16. NO. OF ACRES IN LEASE
3839.84 in Unit

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
10,500'

20. ROTARY OR CABLE TOOLS
rotary

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

22. APPROX. DATE WORK WILL START*
By Oct. 22, 1965

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#	350	400 sks*
12-1/4 & 11"	8-5/8	24#	2800	600 sks 400 Min.
7-7/8	4-1/2	9.5 & 11.6	10,500	380 sks 400

*Circl to surf.
~~**Circl. to approx. 1000' from surf.~~
***Circl. back to at least the 13-3/8" surf. csg.
HOWCO method of cmtg to be used.
Min mud for samples.
2-50' cores in the Pennsylvanian

RECEIVED

RECEIVED
SEP 30 1965
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 *J.E. Pankster* TITLE Adm. Specialist DATE 9-28-65

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL IF ANY:

APPROVED
SEP 30 1965
Rudolph C. Baier, Jr.
RUDOLPH C. BAIER, JR.
ACTING DISTRICT ENGINEER

NOTIFY USGS IN SUFFICIENT TIME TO
8 28 " 11
WITNESS CEMENTING THE _____

*See Instructions On Reverse Side