

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
 Box 1600, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 800' FNL & 660' FWL, Section 29
 At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 2 miles West of Hobbs, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
 660'

16. NO. OF ACRES IN LEASE
 300

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.
 G-SA- 1540' Blinebry- 2340'

19. PROPOSED DEPTH
 6,100'

20. ROTARY OR CABLE TOOLS
 Rotary

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

22. APPROX. DATE WORK WILL START*
 July 15, 1969

23. PROPOSED CASING AND CEMENTING PROGRAM

5. LEASE DESIGNATION AND SERIAL NO.
 LC-032233 (a)(b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Bowers "A" Federal

9. WELL NO.
 33

10. FIELD AND FOOT, OR WILDCAT
 Hobbs-Grayburg, San Andres
 Hobbs-Blinebry

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 29
 T-18-S, R-34-E

12. COUNTY OR PARISH
 Lea

13. STATE
 New Mexico

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8"	48#	375'	300 sks.* Circ. to surface
12 1/4"	9 5/8"	36#	3,850'	250 sks.**
8 3/4"	7"	23#	6,100'	350 sks.***

- * Class H cement w/4% Gel & 2% CaCl.
- ** Circ. back to the salt section at approximately 2,500' w/Class H cement w/8% Gel and 200 sks. neat cement on bottom.
- *** Circ. back to intermediate casing w/Trinity Litewate cement and 200 sks. neat on bottom.

Well No. 1B is presently producing from the Grayburg-San Andres in the same 40-acre unit as Well No. 33. Upon completion well No. 1B will be abandoned.

We plan to dual complete this well in the Hobbs-Grayburg-San Andres and the Hobbs Blinebry Fields.

Minimum mud for samples.
 HOWCO method of cementing to be used.

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: 7-14-69

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE: **APPROVED**
 JUL 14 1969
 APPROVED BY: *[Signature]* TITLE: _____ DATE: _____
 CONDITIONS OF APPROVAL, IF ANY: