

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 Shut-in Gas SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
Humble Oil & Refining Company

3. ADDRESS OF OPERATOR  
Box 2100, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface: 1980' FSL, 660' FEL, Section 30, T-18-S, R-38-E  
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)  
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE  
300

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

19. PROPOSED DEPTH  
6,000'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3657 DF

22. APPROX. DATE WORK WILL START\*  
4-15-69

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Bowers "A" Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Hobbs (Blinebry)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 30  
T-18-S, R-38-E

12. COUNTY OR PARISH  
Lea

13. STATE  
N. M.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	12-1/2"	48	204	180 In Place
11 1/2"	9-5/8"	36	2750	630 " "
8-3/4"	7"	20	3962	520 " "
Proposed: 6-1/4"	4 1/2"	9.5	6000	300*

\*Circulate cement back to 3800'.

1. Re-enter the temporary abandoned Bowers A Federal #1.
2. Squeeze cement perforations 3669' to 3726' with 100 sacks neat cement, repeat if necessary.
3. Drill 6-1/4" hole from present T.D. to approximately 6000'.
4. Set full string of 4-1/2" casing.
5. Log and perforate opposite Blinebry pay.
6. Stimulate and complete as a Hobbs (Blinebry) oil producer.

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 [Signature] TITLE Agent DATE 4-9-69  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE APR 10 1969

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

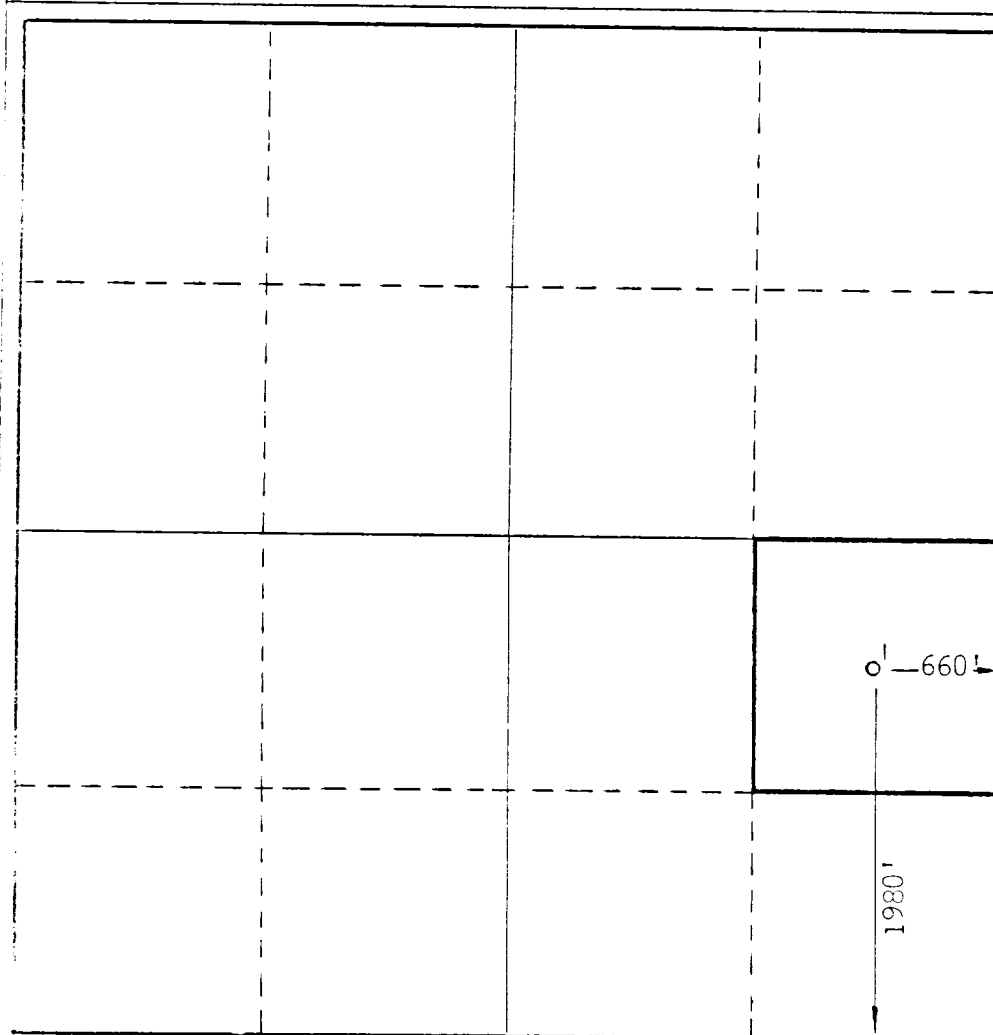
Humble Oil & Refining Company			Bowers "A" Federal		Well No. 1
Section 3	Township T-18-S	Range 38-E	County Lea		
Approximate Location of Well: 660 feet from the East line and 1980 feet from the South line					
Original Well No. 3657 D.F.	Producing Formation Dolomite	Pool Hobbs (Blinebry)	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*C. W. Armstrong, Jr.*  
Name  
C. W. Armstrong, Jr.

Position  
Acting Dist. Superintendent

Company  
Humble Oil & Refining Co.

Date  
4-9-69

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600