

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
990 FSL & 2,297 FEL
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
13 Miles East of Artesia, New Mexico

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
160

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.
6300

19. PROPOSED DEPTH
6300

20. ROTARY OR CABLE TOOLS
Rotary

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

22. APPROX. DATE WORK WILL START*
February 26, 1971

5. LEASE DESIGNATION AND SERIAL NO.
NM-016788

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Empire ABO Federal

9. WELL NO.
5

10. FIELD AND POOL, OR WILDCAT
Empire ABO

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 1, T-18-S, R-07-E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mex.

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#	1600	*900 sacks
7-7/8"	4-1/2	9.5	6300	**450 sacks

* Circulate to surface using Class "C" neat cement

** Cement back to approx. 5000' w/Class "C" w/11.4# Salt/sack
Fresh water mud from surface to TD
HOWCO method of cementing to be used

RECEIVED

FEB 23 1971

U. S. G. C.
ARTESIA OFFICE

RECEIVED

FEB 22 1971

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

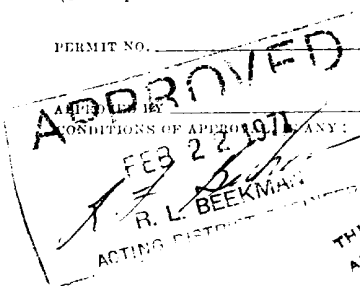
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow at preventer program, if any.

24. SIGNED D. L. Clemmer D. L. Clemmer TITLE Proration Specialist DATE 2-19-71

(This space for Federal or State office use)

PERMIT NO.

DECLARED WATER BASIN

CEMENT BEHIND THE
CASING MUST BE CIRCULATED
DATETHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS
EXPIRES
MAY 22 1971

*See Instructions On Reverse Side

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.

Humble Lse.No. 207058

MEXICO OIL CONSERVATION COMMISS

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

State Lse.No.

WELL LOCATION AND ACREAGE DEDICATION PLAT

Federal Lse.No. NM016788

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

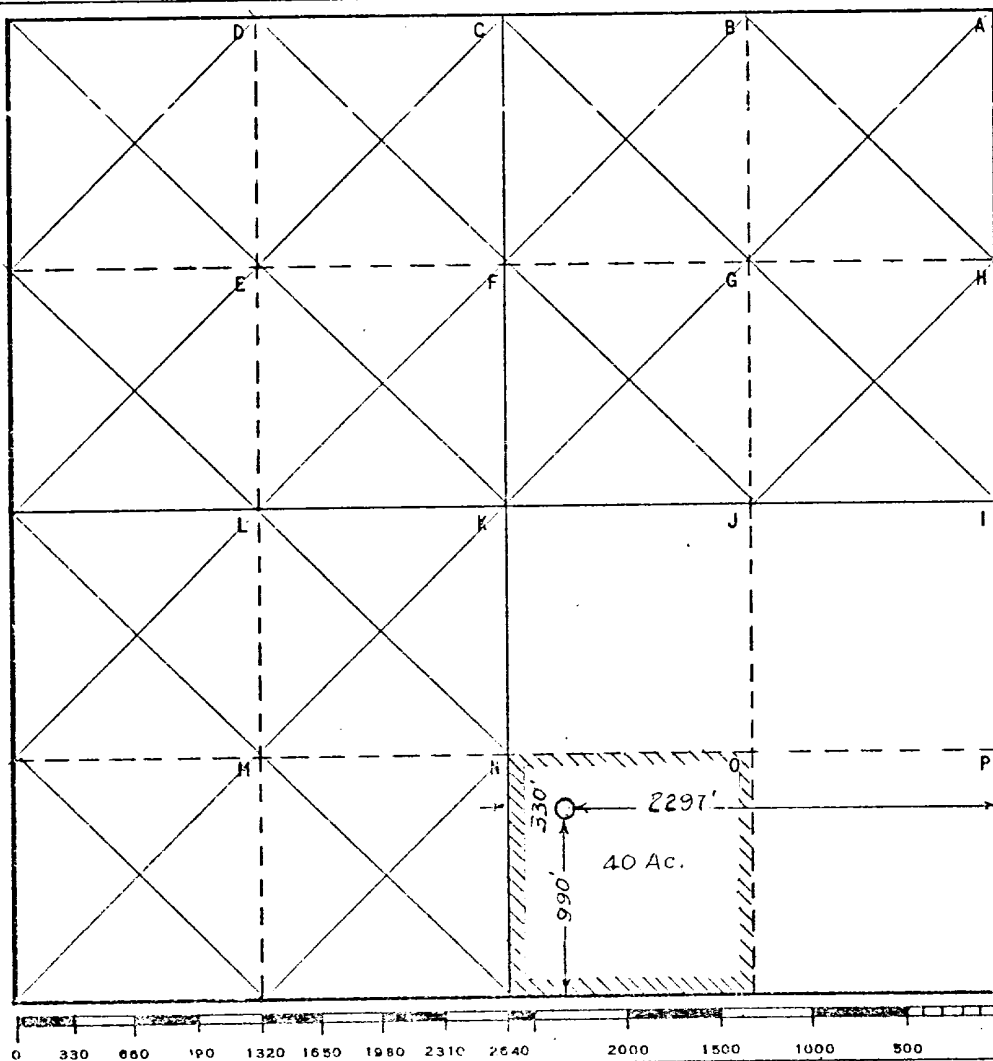
Operator Humble Oil & Refining Co.			Lease Empire Abo Federal		Well No. 5
Unit Letter 0	Section 1	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 990 feet from the South line and 2297 feet from the East line					
Ground Level Elev: Later	Producing Formation Abo		Pool Empire Abo		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.

Name A. L. Clemmer
Position Operation Specialist
Company Humble Oil & Refining Co.
Box 1600 Midland, Texas
Date _____

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

11-17-70

Date Surveyed

Registered Professional Engineer
and/or Land SurveyorH. S. Hesterfeld

Certificate No.

1382

12707

30-015-20344

4-14-71

Jacques L. L.

4720-6298

Gemma Ray

O-6298