

HUMBLE OIL & REFINING COMPANY

MIDLAND, TEXAS 79701

August 17, 1967

POST OFFICE BOX 1600

EXPLORATION DEPARTMENT
SOUTHWESTERN DIVISION
D. A. NORTH
DRILLING OPERATIONS MANAGER

*NSL-404
issue 8-18-67*

Humble owns

*surrounding acreage as
no waiting period needed*

POST OFFICE BOX

Mr. A. L. Porter, Jr.
P. O. Box 871
Santa Fe, New Mexico

67 AUG 18 PM 1 08

Dear Mr. Porter:

Attached is our application for a permit to drill the Huapache Unit Well No. 12, a 6,000-foot Strawn Gas Well Wildcat; this well is located 823 feet from the south line and 1634 feet from the east line of Section 30, T-24-S, R-23-E, Eddy County, New Mexico. In support of this application, we are attaching Form C-102, Well Location and Acreage Dedication Plat, a unit plat showing well location, a 50-foot contoured surface elevation map, and a lease plat showing the surrounding acreage.

Rule 104, B I (a) provides that any wildcat gas well projected to a formation of Pennsylvanian age or older shall be located on a drilling tract consisting of 320 surface contiguous acres comprising any two contiguous quarter sections in a single governmental section. The rule further provides that a well shall be located not closer than 660 feet to the nearest side boundary of the dedicated tract nor closer than 1980 feet to the nearest end boundary nor closer than 330 feet to any quarter quarter section or sub-division inner boundary.

This unorthodox wildcat gas well location is occasioned by the extremely rough, mountainous area and the well cannot be located as a regular well without unnecessary costs and extensive mountain road building. The location is within the boundaries of the Lincoln National Forest.

Humble Oil & Refining Company respectfully requests administrative approval for this unorthodox well location under the provisions of Rule 104, C II (f), based upon topographical conditions as set out above. Humble, as Unit Operator, owns or operates all of the acreage surrounding the 320-acre proration unit dedicated to this well. Mr. R. L. Stametes, your Geologist in Artesia, inspected the location and concurs that the site selected is the best available for drilling in this area.

Mr. A. L. Porter

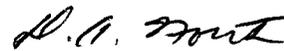
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August 17, 1967

By copy of this letter, we are requesting the State Engineer in District No. 3, Deming, New Mexico, to examine the casing and cementing construction of this well as it pertains to the fresh water area since the well is located within the boundaries of the Carlsbad underground water basin. Any questions pertaining to the casing construction should be referred to Mr. George W. Shurtleff, MU 4-4411, Ext. 309, Midland, Texas.

If at all possible, we would like to begin location and road construction for this location on or about August 23, 1967.

Yours very truly,



D. A. North

JEP:vw

Attachments

cc: Mr. W. A. Gressett
Drawer "DD"
Artesia, New Mexico

District No. 3 State Engineer
P. O. Box 844
Deming, New Mexico 88030

District Director, U.S.G.S.
P. O. Box 187
Artesia, New Mexico

MAIL OFFICE 000

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65
AUG 18 PM 1 08

| | | |
|------------------------|--|--|
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| SANTA FE | | |
| FILE | | |
| U.S.G.S. | | |
| LAND OFFICE | | |
| OPERATOR | | |

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL DEEPEN PLUG BACK
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

4. Location of Well UNIT LETTER O LOCATED 823 FEET FROM THE South LINE
AND 1634 FEET FROM THE East LINE OF SEC. 30 TWP. 24-S RGE. 23-E NMPM

7. Unit Agreement Name
Haupache Unit

8. Farm or Lease Name
Haupache Unit

9. Well No.
12

10. Field and Pool, or Wildcat
Wildcat

12. County
Eddy

19. Proposed Depth
6000

19A. Formation
Strawn

20. Rotary or C.T.
Rotary

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

21A. Kind & Status Plug. Bond
Blanket on file

21B. Drilling Contractor
Unknown

22. Approx. Date Work will start
August 23, 1967

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|------------------|
| 15" | 11-3/4" | 42# | 40' | 30 sks. | Circ. to surface |
| 11" | 8-5/8" | 28# | 1400' | 450 sks. * | Circ. to surface |
| 7-7/8" | 4-1/2" | 9.5# | 6000' | 200 sks. | ** |

*400 sacks of cement with 12% Gel and 12# of Gilsonite added per sack. Also use 50 sacks of Neat cement with 2% CaCl₂ around the casing shoe (200' of Neat cement outside the surface casing).

**Circulate cement to at least 600' above the top of the uppermost pay zone.

Waiting on cement time: 18 hours on all strings.
HOWCO method of cementing to be used.
No coring planned.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed J. B. Pinkerton Title Agent Date 8-17-67
(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

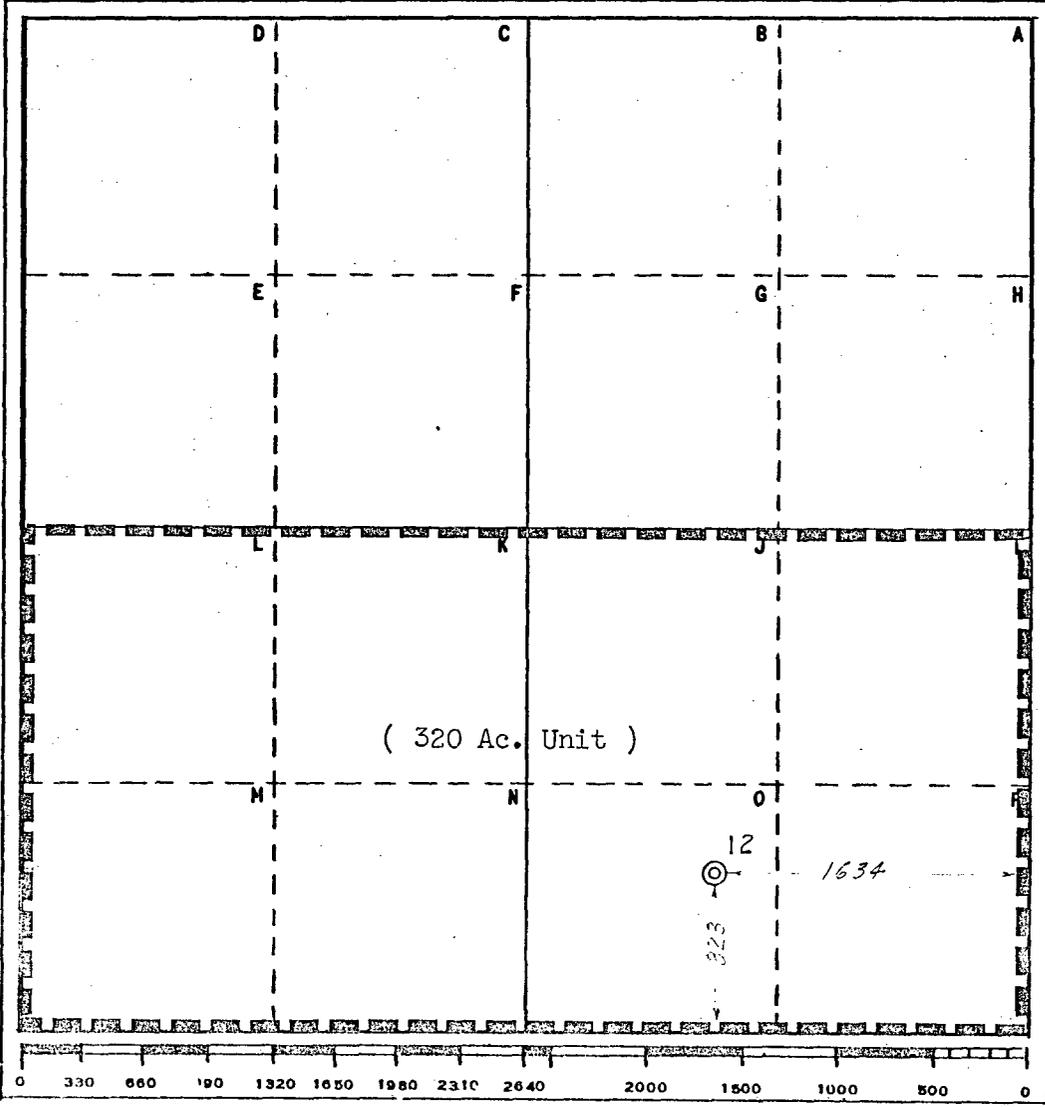
| | | | | | |
|---|--------------------------------------|-----------------------------------|--|--------------------------|-----------------------|
| Operator Humble Oil & Refining Co. | | Lease HUAPACHE OIL UNIT | | | Well No. 12 |
| Unit Letter " 0 " | Section 30 | Township 24 South | Range 23 East | County E d d y | |
| Actual Footage Location of Well: 1634 feet from the East line and 823 feet from the South line | | | | | |
| Ground Level Elev.: | Producing Formation Strawn | Pool Wildcat | Dedicated Acreage: 320 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 Unitization

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.

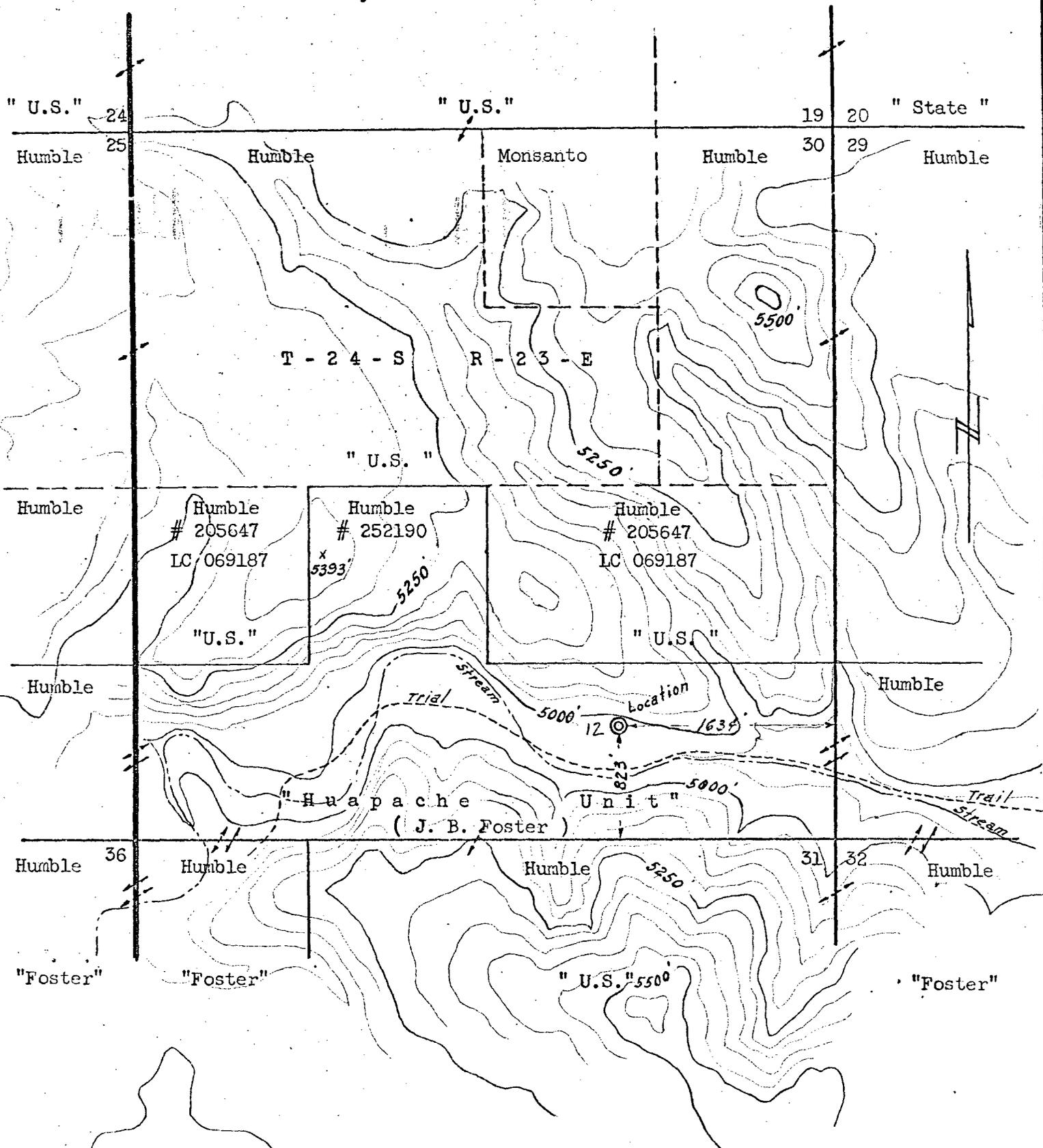
Name: J.P. Pinkerton
Position: Prof. Surveyor
Company: Humble Oil & Refining Co.
Box 1600 Midland, Texas

Date: August 15, 1967

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: August 8, 1967
Registered Professional Engineer and/or Land Surveyor: H. S. Hesterfield

Certificate No. 1382



This Application For Well No. 12

NOTE: 50' Contour Interval, Based on U.S.G.S.
 "Carlsbad Caverns West," N. Mex.

| | | | |
|---|--|---|--|
| HUAPACHE UNIT # 205647 & 252190 Section 30, T 24 S - R 23 E Eddy County, New Mexico | | HUMBLE OIL & REFINING COMPANY SOUTHWEST REGION PRODUCTION DEPARTMENT SOUTHWESTERN DIVISION | |
| DRAWN <u>D. J. McKibbin</u> CHECKED <u>P. W. S.</u> | ENGR. SECTION <u>C & S</u> APPROVED _____ | SCALE <u>1" = 1000'</u> DATE <u>August 15, 1967</u> | JOB NO. _____ FILE NO. <u>WA - 3958</u> |

" U.S. "

24

" U.S. "

19

20

" State "

Humble

25

Humble

Monsanto

Humble

30

29

Humble

T - 2 4 - S

R - 2 3 - E

" U.S. "

Humble

Humble # 205647
LC 069187

"U.S."

Humble # 252190

Humble # 205647
LC 069187

" U.S. "

Humble

Humble

12

1634'

823'

" Hu a p a c h e U n i t "
(J . B . F o s t e r)

Humble

36

Humble

Humble

31

32

Humble

"Foster"

"Foster"

" U.S. "

"Foster"

This Application For Well No. 12

H U A P A C H E U N I T # 205647 & 252190
Section 30, T 24 S - R 23 E
Eddy County, New Mexico

HUMBLE OIL & REFINING COMPANY
SOUTHWEST REGION
PRODUCTION DEPARTMENT
SOUTHWESTERN DIVISION

DRAWN D.L.McKibbin

ENGR. SECTION C & S

REVISED

SCALE 1"=1000'

JOB NO.

FILE NO.

CHECKED P.W.S.

APPROVED

DATE August 15, 1967

W A - 3 9 5 8