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# **RECEIVED** NEW MEXICO OIL CONSERVATION COMMISSION

AUG 21 1967

**O. C. C.**  
ARTESIA, OFFICE

30-015-20085

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name <b>43 Hasepeche Unit</b>
8. Farm or Lease Name <b>43 Hasepeche Unit</b>
9. Well No. <b>12</b>
10. Field and Pool, or Wildcat <b>Wildcat</b>
12. County <b>Eddy</b>
19. Proposed Depth <b>6000</b>
19A. Formation <b>Strawn</b>
20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DF, RT, etc.) To be filed later
21A. Kind & Status Plug. Bond Blanket on file
21B. Drilling Contractor <b>Unknown</b>
22. Approx. Date Work will start <b>August 23, 1967</b>

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
2. Name of Operator <b>HUMBLE OIL &amp; REFINING COMPANY</b>	
3. Address of Operator <b>BOX 1600, MIDLAND, TEXAS</b>	
4. Location of Well UNIT LETTER <b>O</b> LOCATED <b>823</b> FEET FROM THE <b>South</b> LINE AND <b>1634</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>30</b> TWP. <b>24-S</b> RGE. <b>23-E</b> NMPM	
23. PROPOSED CASING AND CEMENT PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
18"	11-3/4"	42#	40'	30 shs.	Circ. to surface
11"	8-5/8"	28#	1400'	400 shs.	Circ. to surface
7-7/8"	4-1/2"	9.54	6000'	200 shs.	so

\* 400 sacks of cement with 12% Gel and 12# of Gilsenite added per sack. Also use 30 sacks of Neat cement with 3% CaCl<sub>2</sub> 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.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 11-20-67

N5L # 404 8-18-67

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. P. Pinkerton Title Agent Date 8-17-67

(This space for State Use)

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE AUG 22 1967

CONDITIONS OF APPROVAL, IF ANY:

\* Amount of Gel must not exceed 4%

Notify N.M.O.C.C. in sufficient time to witness cementing  
the 8 3/8 casing

Cement must be circulated to surface behind 8 3/8 casing

Humble Lse.No. 205647 & 252190

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

State Lse.No.

Federal Lse.No. LC 069187

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

Operator Humble Oil & Refining Co.		Lease HUAPACHE <del>OFF</del> UNIT			Well No. 12
Unit Letter " 0 "	Section 30	Township 24 South	Range 23 East	County Eddy	
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		

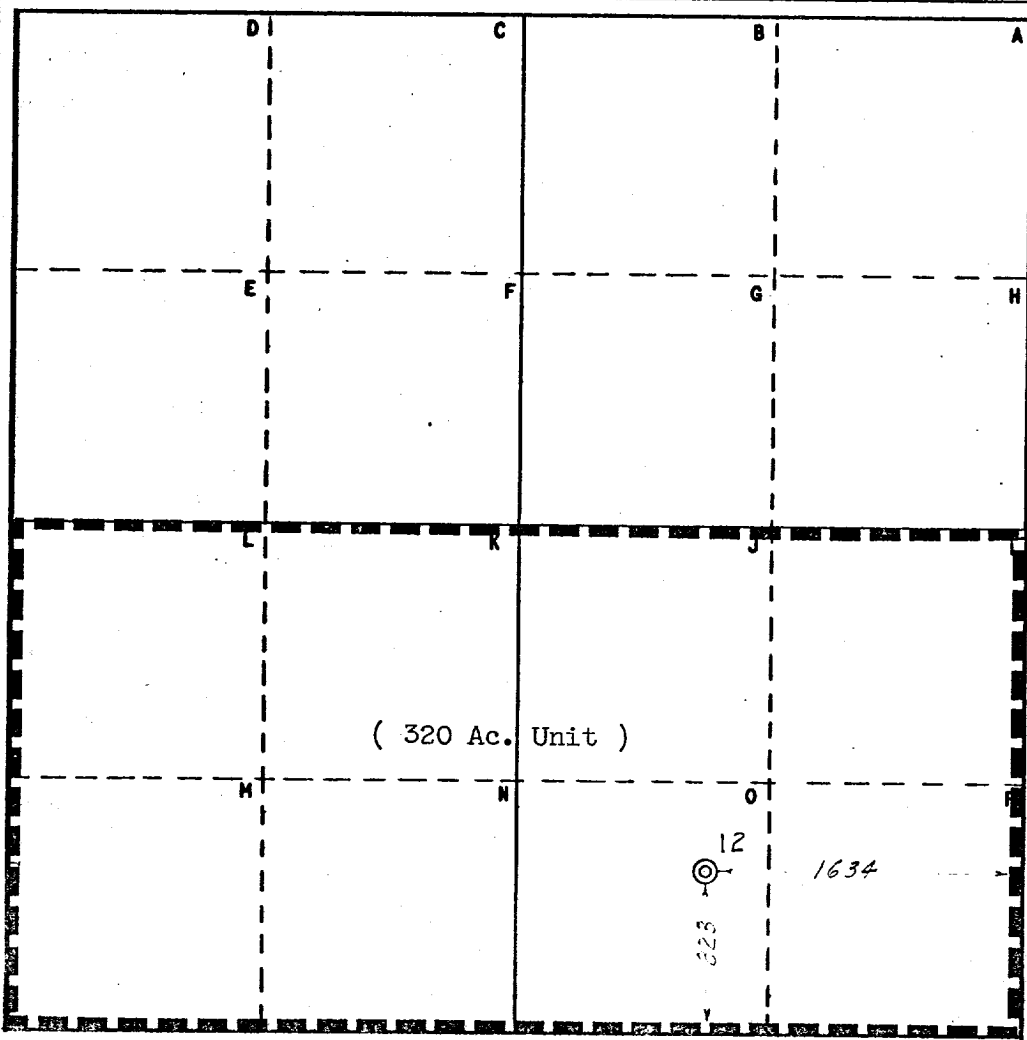
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

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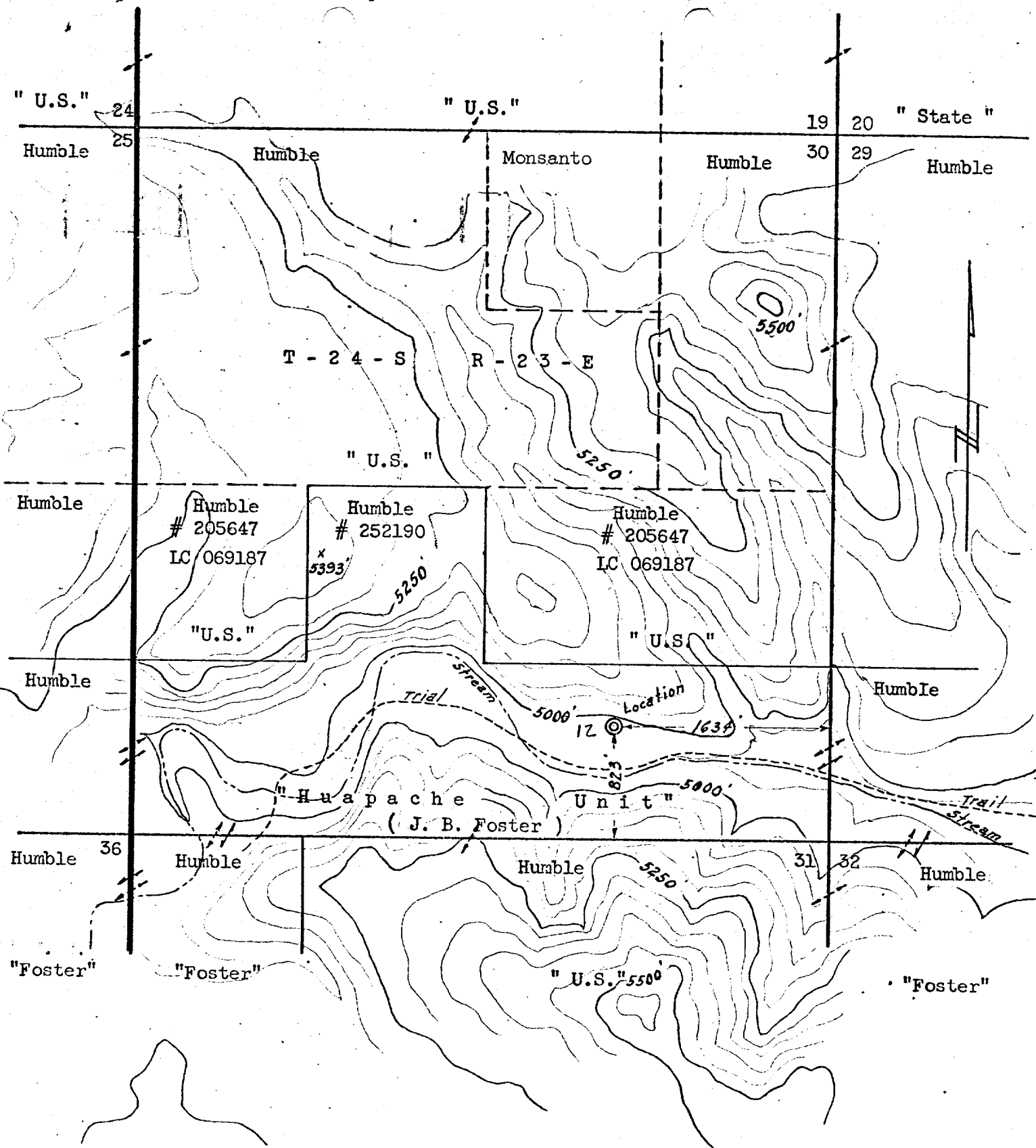
☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

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.



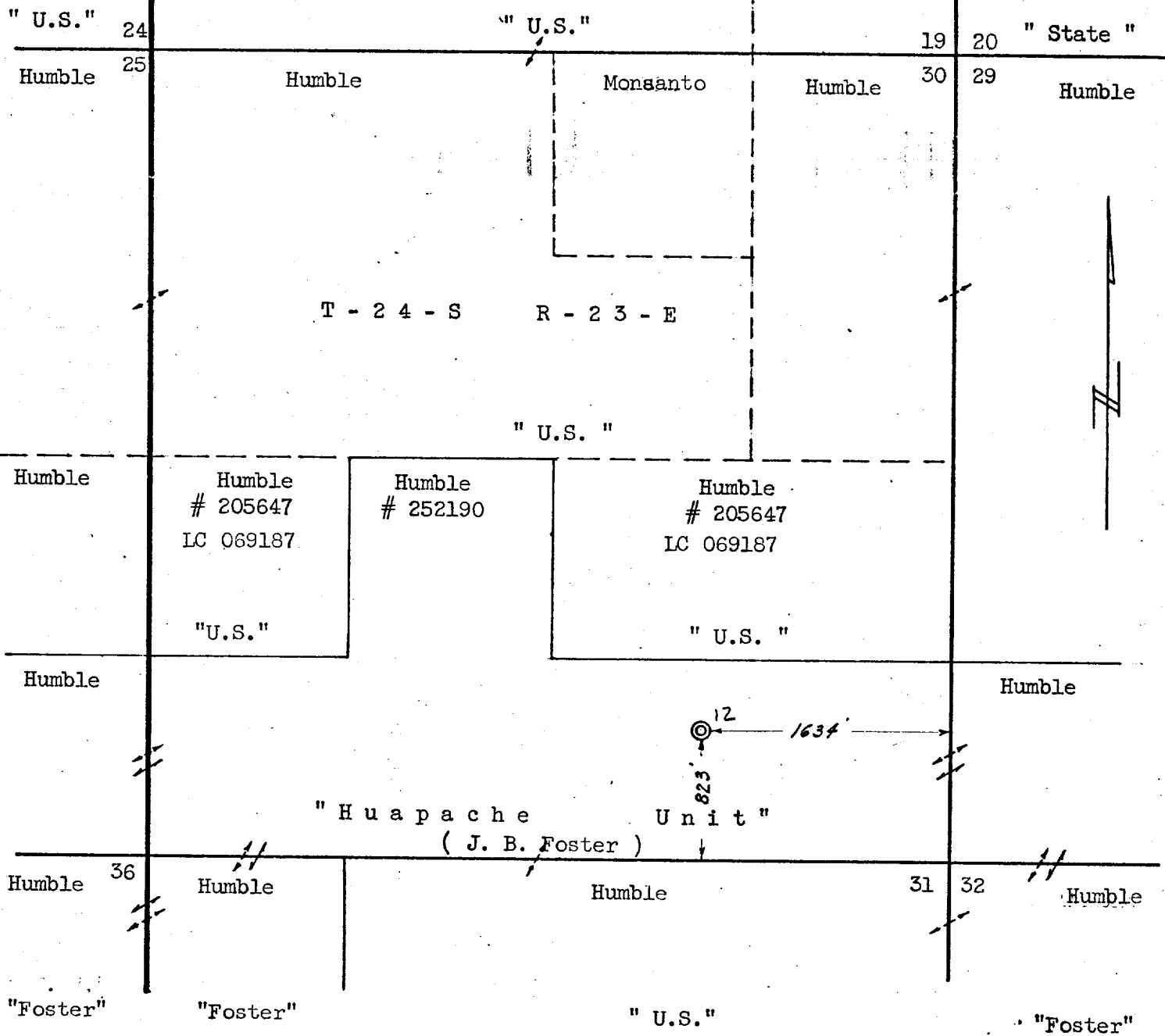
CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	J. E. Pinkerton
Position	Pro. Supervisor
Company	Humble Oil & Refining Co.
	Box 1600 Midland, Texas
Date	August 15, 1967
I hereby certify that the well location shown 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. Hunter, Jr.	
Certificate No.	1382



This Application For Well No. 12

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

H U A P A C H E                      U N I T                      # 205647 Section 30, T 24 S - R 23 E                      & 252190		HUMBLE OIL & REFINING COMPANY SOUTHWEST REGION PRODUCTION DEPARTMENT SOUTHWESTERN DIVISION	
Eddy County, New Mexico			
DRAWN <u>D.L. McKibbin</u> CHECKED <u>P.W.E.</u>	ENGR. SECTION <u>C &amp; S</u> APPROVED _____	SCALE <u>1"=1000'</u> DATE <u>August 15, 1967</u>	JOB NO. _____ FILE NO. <u>WA - 3956</u>



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 <u>D.L. McKibbin</u> CHECKED <u>R.W.S.</u>	ENGR. SECTION <u>C &amp; S</u> REVISED _____ APPROVED _____	SCALE <u>1"-1000'</u> DATE <u>August 15, 1967</u>	JOB NO. _____ FILE NO. <u>W A - 3 9 5 8</u>

# HUMBLE OIL & REFINING COMPANY

MIDLAND, TEXAS 79701

August 17, 1967

POST OFFICE BOX 1600

EXPLORATION DEPARTMENT

SOUTHWESTERN DIVISION

J. A. NORTH  
DRILLING OPERATIONS MANAGER

**RECEIVED**

**AUG 21 1967**

**O. C. C.**  
**ARTESIA, OFFICE**

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

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

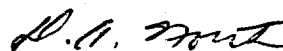
-2-

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