

N. M. C. C. COPY

Budget Bureau No. 42-R358.4.  
Approval expires 12-31-60.

Form 8-533a  
(Feb. 1957)

DEC 27 1960

APPROVED BY STATE ENGINEER

WELL NO. 21

SWELL, NEW MEXICO

X

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Fed. Land Office LC070937

Lease No.

RECEIVED

30-015-00770

Pan American Lease

DEC 29 1960

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Abo-Chalk Bluff Draw Unit

12-20-60, 19

Well No. 21 is located 1592 ft. from <sup>X</sup><sub>S</sub> line and 2302 ft. from <sup>X</sup><sub>W</sub> line of sec. 4

NE/4 SW/4 4 (Lot 15) 18-S 27-E  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Empire-Abo Eddy New Mexico  
(Field) (County or Subdivision) (State or Territory)

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DEC 23 1960

The elevation of the derrick floor above sea level is later ft.

U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

CASING PROGRAM	DEPTH	CEMENTING PROGRAM	CORING PROGRAM
Size Wt.			
8-5/8 24#	1500	Circulate to surface.	None
4-1/2 9.50	6000	Circulate to 8-5/8" csg.	

Halliburton method of cementing to be used.

Minimum mud for samples.

Proposed TD 6000' to test the Abo Formation.

Surf. csg to be set & cmtd in accordance with State Engineering Memo No. 63 covering the Artesia Water Basin.

APPROVED BY STATE ENGINEER

ON BEHALF OF THE GEOLOGICAL SURVEY

DEC 29 1960

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company

Address Box 1600  
Midland, Texas

By C. D. East

Title Area Adm.

Pan American Lease  
HUMBLE LEASE NO.

STATE LEASE NO.

FEDERAL LEASE NO.

# NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

RECEIVED Form C-128  
Revised 5/1/57

Section A.

Date DEC 20 1960

Operator Humble Oil & Refining Co. Lease Abo - Chalk Bluff DD F Unit  
Well No. 21 Unit Letter "K" Section 4 Township 18-S Range 34-E NMPM  
Located 1592 Feet From South Line, 2302 Feet From West Line  
County Eddy G. L. Elevation \_\_\_\_\_ Dedicated Acreage 40 Acres  
Name of Producing Formation Abo Pool Empire Abo

1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below?

Yes \_\_\_\_\_ No X

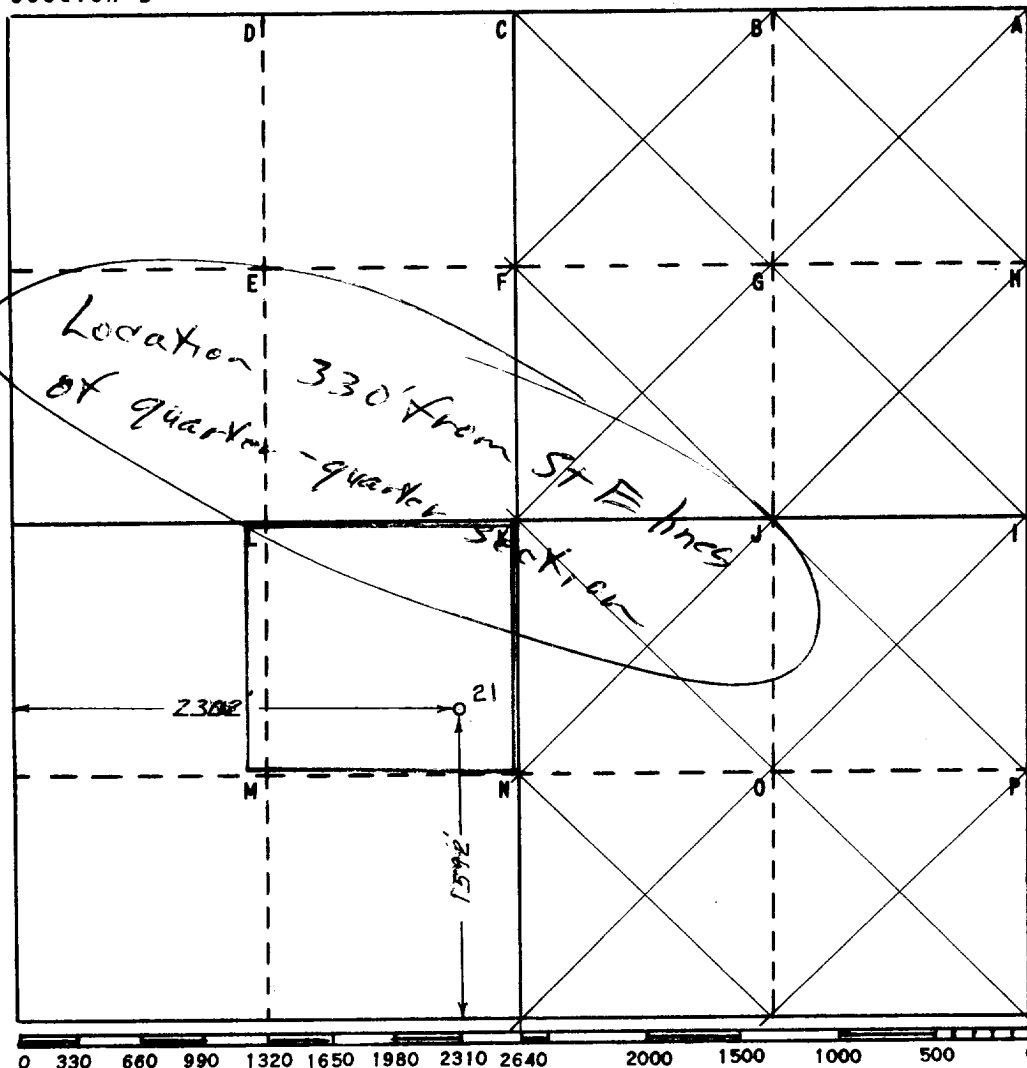
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes X No \_\_\_\_\_ If answer is "yes," Type of Consolidation Unitization

3. If the answer to question two is "no," list all the owners and thier respective interests below:

Owner

Land Description

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief

HUMBLE OIL & REFG. CO.

(Operator)

H. P. Hensley  
(Representative)

Box 1600 Midland, Texas  
Address

This is to certify that the well location shown on the plat in Section B 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 12-20-60

H. S. Hesterfield  
Registered Professional  
Engineer and/or Land Surveyor

Certificate No. 1382

FILE NO. W-A-2814