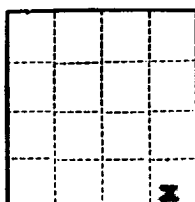


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. **18-06767**  
Unit **8 PM**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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)

December 18, 1961

Well No. **10** is located **990** ft. from **[S]** line and **660** ft. from **[E]** line of sec. **25**

**SE 1/4, NE 1/4 of Sec. 25** **19S** **30E** **18 PM**  
(1/4 Sec. and 1/4 Sec. No.) (Twp.) (Range) (Meridian)  
**North Hockley (Yates)** **Eddy** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation ~~of the surface~~ above sea level is **3435** ft.

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)

(See Attached Sheet)

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

Company **G. W. Strake**  
Address **3300 Gulf Building**  
**Houston 2, Texas**

By **C. E. Mote**  
Title **Supt.**

DETAILS OF WORK

It is proposed to drill a well to test the Yates and Seven Rivers formations at a maximum depth of 2300 feet. The drilling will be done with rotary tool equipment.

Surface casing will be set to the top of the Massive Salt (approximately 500 feet). This casing will be 8-5/8" OD, J-55 or equivalent. The surface casing will be cemented with a volume sufficient to circulate the annular space to the surface of the ground.

Provided commercial oil and/or gas production is obtained, production casing will be set to total depth drilled or plug-back total depth. The production casing will be 4-1/2" OD, 9.5#, J-55 grade or equivalent. It will be cemented with a volume equivalent to 150% of the annular space from the bottom of the casing to the base of the Massive Salt, or a minimum of 150 sacks, and preceded with mud laden fluid circulated to the surface of the ground.

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THEORY

The first part of the theory is the definition of the function  $f(x)$  which is a real-valued function of a real variable. The function  $f(x)$  is said to be continuous at a point  $x_0$  if for every  $\epsilon > 0$  there exists a  $\delta > 0$  such that for all  $x$  satisfying  $|x - x_0| < \delta$  we have  $|f(x) - f(x_0)| < \epsilon$ . This is the  $\epsilon$ - $\delta$  definition of continuity. The second part of the theory is the definition of the derivative of a function  $f(x)$  at a point  $x_0$ . The derivative of  $f(x)$  at  $x_0$  is defined as the limit of the difference quotient  $\frac{f(x) - f(x_0)}{x - x_0}$  as  $x$  approaches  $x_0$ . This is the definition of the derivative. The third part of the theory is the definition of the integral of a function  $f(x)$  over an interval  $[a, b]$ . The integral of  $f(x)$  over  $[a, b]$  is defined as the limit of the Riemann sum  $\sum_{i=1}^n f(x_i) \Delta x$  as  $n$  approaches infinity and  $\Delta x$  approaches zero. This is the definition of the integral.

The second part of the theory is the definition of the derivative of a function  $f(x)$  at a point  $x_0$ . The derivative of  $f(x)$  at  $x_0$  is defined as the limit of the difference quotient  $\frac{f(x) - f(x_0)}{x - x_0}$  as  $x$  approaches  $x_0$ . This is the definition of the derivative.

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	GAS
PRODUCTION OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
 SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

FORM C-128  
 Revised 5/1/57

30-015-04638

**SECTION A**

Operator <b>C.W. Strake</b>		Lease <b>LeBow-Federal</b>		Well No. <b>10</b>
Unit Letter <b>P</b>	Section <b>25</b>	Township <b>19 South</b>	Range <b>30 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>990</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3435</b>	Producing Formation <b>Intero or Seven Rivers</b>	Pool <b>unleased North Hackberry (Intero)</b>	Dedicated Acreage: <b>40</b> Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO \_\_\_\_ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES \_\_\_\_ NO \_\_\_\_ . If answer is "yes," Type of Consolidation \_\_\_\_
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner <b>C.W. Strake 3300 Gulf Bldg.</b>	Land Description <b>SE 1/4</b>
<b>Houston 2, Texas</b>	

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 ALBUQUERQUE, NEW MEXICO

**SECTION B**


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

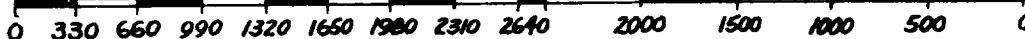
Name <b>C. R. Mote</b>
Position <b>Supt.</b>
Company <b>C.W. Strake</b>
Date <b>December 15, 1961</b>

I hereby 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 <b>December 15, 1961</b>
Registered Professional Engineer and/or Land Surveyor

*John A. Mankie Jr.*

Certificate No.  
**1502**



## **INSTRUCTIONS FOR COMPLETION OF FORM C-128**

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.