

(SUBMIT IN TRIPLICATE)  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

Land Office Artesia, New Mex.  
Lease No. 10-090175  
Unit \_\_\_\_\_  
Federal Leonard Oil Co.

**SUNDRY NOTICES AND REPORTS ON WELLS**

OCT 22 1946

NOTICE OF INTENTION TO DRILL.....		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 <del>REPAIR</del> REPAIR WELL.....	X	SUBSEQUENT REPORT OF REDRILLING 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)

Midland, Texas October 19, 1946

Well No. 1 is located 660 ft. from N line and 660 ft. from W line of sec. 12

SW/4 of SW/4 of Sec. 12 26-S 37-E  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Dublin Lea New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3013 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)

To kill well with mud, pull hockmull packer set at 11,790', run perforated section and drill out old plastic plug. Wash through perforations from 11,920' to 11,969' (T.D.) and cement this section (49') with an opposed cup type cementing packer and apply a squeezing squeeze to the cement. After cement has set, acidize perforations above 11,920'.

Current production is 40 barrels per day, 60 percent water. Well dies frequently, requiring snubbing to kick it off.

Above workover is proposed as an attempt to reduce the water production and increase the oil production.

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 [Signature]  
Title Division Superintendent