

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Artesia, N. M.  
Land Office **062383**  
Lease No. \_\_\_\_\_  
Unit \_\_\_\_\_

**5**  
**Federal Realty S. Crosby**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
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 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.** **January 2,** 19**45**

Well No. **1** is located **1900** ft. from **[N]** line and **1900** ft. from **[E]** line of sec. **4**  
**Center of SW/4 of NW/4**  
**of Section 4** **T-17-S** **R-36-E**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**South Lovington** **Lea** **New Mexico.**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3990** 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)

After snubbing the well dry in 9 hours on December 31, 1944, the well was treated with 1000 gallons Russell acid from 4790'-5075'. Maximum working pressure under which acidized was 1500 psi and the minimum pressure was 1200 psi. Reaction time was 30 minutes. Snubbed well 4 hours and well started flowing and flowed for 24 hours making 12 bbls. per hour on 22/32" choke - .45 BSW. Now preparing to take gas-oil ratio test.

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 Chief Clerk.**