



(SUBMIT IN TRIPLICATE)

Land Office **Las Cruces**

UNITED STATES

Lease No. **029388-A**

DEPARTMENT OF THE INTERIOR

Unit **"H"**

GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	<input checked="" type="checkbox"/>
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)

February 19th, 1959

Shugart

Well No. **A-5** is located **660** ft. from **N** line and **660** ft. from **E** line of sec. **10**

SW/4 Sec. 10

(1/4 Sec. and Sec. No.)

18S

(Twp.)

31E

(Range)

NMPM

(Meridian)

North Shugart

(Field)

Eddy

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is **3704** 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)

This well has been producing from the Queen Red Sand, making about two barrels of oil per day. Casing perforations were from 3288 to 3301. After drilling up a bridging plug at 3335, the 5 1/2" casing was perforated from 3954-74 and 4016-4026, which is in the Grayburg formation. A packer was set on tubing at 3906'.

On January 28, 1959, the well was fraced below the packer with 20,000 gallons of refined oil plus 80,000 pounds of sand. Injection rate was 14.8 BPM, maximum pressure was 4100 psi, and minimum pressure was 3500 psi. After 5,000 gallons were pumped in 30 nylon ball sealers were lubricated in. An additional 55 balls were put in after 10,000 gallons.

Before fracing this well was making about 2 bbls of oil per day; after fracing it is making 31 bbls per day

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

Company **Hudson & Hudson, Inc.**

Address **1810 Electric Building**

Fort Worth, Texas

[Signature]

Title **Secretary-Treasurer**