



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Jicarilla Indians**

**Contract #77**

Lease No. \_\_\_\_\_

Unit **Tract #155, T-23-N R-5-E**  
**Sections 9, 10, 15, & 16**

Humble No. **166396**

**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
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	<b>Subsequent report of Sand Fracture</b>

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

**JICARILLA APACHE TRIBE  
OF INDIANS**

**August 30**, 19**54**

Well No. **1** is located **790** ft. from **N** line and **1140** ft. from **E** line of sec. **15**

**NW/4 of NW/4 of Sec. 15**  
(1/4 Sec. and Sec. No.)

**23-N**  
(Twp.)

**5-W**  
(Range)

**N191M**  
(Meridian)

**Jicarilla Wildcat**  
(Field)

**Rio Arriba**  
(County or Subdivision)

**New Mexico**  
(State or Territory)

The elevation of the derrick floor above sea level is **6864** 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)

**Formation: Dakota sandstone**

**8-29-54:** Killed well and loaded tubing with crude oil. Broke down formation. After 10 barrels in formation pressure was 3000#. After 14 barrels in formation at injection rate of 5-1/4 barrels per minute pressure rose to 3700#. Treated formation with 6000 gallons crude oil with 3/4# sand per gallon, through perforations from 6663 to 6675 feet. Sand hit formation with pressure of 3600# and injection rate of 5-1/4 barrels per minute. Pressure rose to 4000# and remained constant throughout the treatment. Overflushed with 55 barrels crude oil. Pressure after 10 minutes shut in 1500#, after 15 minutes 1300#. Shut in overnight after fracture. Preparing to swab and test.

**Tested:** On 24-hour test on 9-1-54 well produced 62 barrels fluid, 45 barrels distillate, 17 barrels water. Producing gas at rate of 2,156 Mcf per day. Well now shut in.

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 2347**

**Hobbs, New Mexico**

By **Mr. W. R. ...**

Title **District Superintendent**

