



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Jicarilla IndiansLease No. Contract 177Unit Tract 155, T-23N R-5W
Sections 9, 10, 15, & 16Humble 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.....	

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

JICARILLA APACHE INDIAN
RESERVATIONAugust 30, 1954Well No. 1 is located 990 ft. from N line and 1140 ft. from W line of sec. 152-1 5-
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Jicarilla Indian
(Field)El Arroyo
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 6854 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.

8-27-54: Ran tubing and packer and treated with 500 gallons Halliburton mud acid through perforations from 6663 to 6673 feet. Initial and maximum pressure 2500#. After 1 barrel acid in formation pressure broke to 1800#. After 3 barrels in formation pressure dropped to 1400#. After 5-1/2 barrels in formation pressure dropped to 800#. Injection rate held at one barrel per minute throughout treatment. After 3 minutes shut in pressure dropped to 750#. After 1-1/2 hours shut in, pressure 325#. Released pressure and started swabbing. Swabbed well 4 hours, and well kicked off and started flowing. Flowed to pits until clean and turned into test tank. On 4 hour test well produced 10 barrels distillate. After 1st hour through 4" tester with 1/2" plate, produced gas at rate of 198 Mcf/day. After 2nd hour - 206 Mcf/day; 3rd hour - 215 Mcf/day; 4th hour - 240 Mcf/day. Testing continues.

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 CompanyAddress Box 2347Hotchkiss, New Mexico

By _____

Title District Superintendent