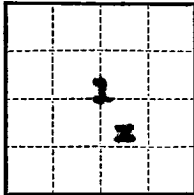


(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allettee _____

Lease No. 11-20-603-3013

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 REDRILL 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 _____	
NOTICE OF CHANGE OF PLANS <u>X</u>	

RECEIVED
AUG 19 1963
U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

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

August 16, 1963

Navajo Tribe of Indians "J"
Well No. 21 is located 1980 ft. from [S] line and 1960 ft. from [E] line of sec. 1

N 1/4 Section 1 31N 17W NMPH
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Mary Reuben Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5231' G. L. ungrated

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)

Humble originally planned to drill this well as an oil producer. This is our Notice of Intention to Alter Plans from an oil producer to a water injection well.

Rotary drilling equipment will be used to drill to approx. 1250'. One or two joints of 7" surface casing will be run and cemented to surface. The required amount of 2-7/8" casing will be run and cemented with sufficient cement to cover the highest potentially productive zone. Air will be used to top of pay for circulation, converting to mud through pay. Electric logs, etc. will be run prior to setting casing or abandonment. Stimulation treatments may be employed in completing this well as a water flood water injection well.

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 P.O. Box 3081

Durango, Colorado 81302

By COPY (ORIGINAL SIGNED) 98-CON.COM
DIST. 3

Title Dist. Supt.

[illegible]

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (C) and the experimental group (E). The control group (C) was divided into two subgroups: the control group (C) and the control group (C). The experimental group (E) was divided into two subgroups: the experimental group (E) and the experimental group (E).