Form 9-331 b
(April 1952)

Budget Bureau No. 42-R-359.2.
Approval expires 12-31-55.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Jicarilla
Contract No. 78
Company Allottee 166397
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING Perforat.	X
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		Subsequent Report of Aquafracing	X

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

JICARILLA APACHE TRIBE OF INDIANS "F" — Farmington, New Mexico — March 27, 1956

Well No. 2 is located 990 ft. from {N/S} line and 990 ft. from {E/W} line of sec. 13

SE/4 of SE/4 of Sec. 13 — 23-N — 5-W — (Meridian)
(¼ Sec. and Sec. No.) (Twp.) (Range)

Undesignated — Rio Arriba — New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6882 ft.

RECEIVED
APR 5 195
OIL CON. CO
DIST. 3

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)

3/23/56: Set 2369', 73 Jts., 6-5/8" casing at 2360' w/175 sacks 10% gel and 100 sacks neat cement. PCB at 6:45 P.M., 3/23/56.

3/24/56: Tested casing w/1000# CWP for 30 minutes - O.K. Ran temperature survey and found top of cement at 1590'.

3/25/56: Perforated 6-5/8" casing from 2270' to 2290' w/6 - 1/2" McCullough bullet shots per foot - 120 shots. Acidized w/500 gals. Dowell mud acid.

3/26/56: Swabbed dry. Produced at rate of 35 MCF gas natural. Dowell aquafrac treatment: Pumped total of 29,500 gals. water including 1000 gals. breakdown, 20,000 gals. w/sand, and 8500 gals. flush & overflush and 30,000# sand - 1-1/2# sand per gal. IR pr. 800#. Ave. injection rate 72 bbls./min. @ 800#. Shut in pr. 0# after one minute. Job complete at 9:03 A.M., 3/26/56.

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 1268
Farmington, New Mexico

By Russell M. Lilly
Russell M. Lilly

Title District Superintendent

JCW