

(SUBMIT IN TRIPLICATE)

Indian Agency

Navajo Tribal

Allottee

Lease No. **14-20-603-2196**

			<input checked="" type="checkbox"/>

**UNITED STATES
DEPARTMENT OF THE INTERIOR
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.....	
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.....	<input checked="" type="checkbox"/>
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)

Navajo Tribal "H"

Farmington, New Mexico April 18, 1961

Well No. 2 is located 820 ft. from N line and 660 ft. from E line of sec. 24.

NE 1/4 NE 1/4 of Section 24 T-29-N R-14-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Totah Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5190 ft. (RDB)

RECEIVED
APR 21 1961

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)

Ran correlation log. Perforated Gallup with 6 shots per foot 5131-5138'. Attempted to breakdown and could not with 3400 psi. Reversed out acid and reversed circulated 30 minutes. Spotted additional 300 gallons SDA and set packer. Pressure annulus to 1500 psi and broke down formation with 3600 psi through tubing. Sand oil fracked with 19,200 gallons oil containing 50 pounds Admrite Mark II, 3 gallons Dowell U-28 and 2 gallons Dowell U-34 per 1000 gallons oil and 20,000 pounds sand. Treating pressure maximum 2700 psi, minimum 2550 psi, average 2600 psi. Average injection rate 30 barrels per minute. Landed 2-3/8" tubing at 5146'. Completed as flowing oil well April 14, 1961, Totah Gallup Field. Potential test flowed 225 barrels of oil per day as 16/64" choke.

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

Company Pan American Petroleum CorporationAddress Box 480Farmington, New MexicoAttn: L. O. Speer, Jr.

ORIGINAL SIGNED BY

H. M. Bauer, Jr.

By

Title Senior Petroleum Engineer