

(SUBMIT IN TRIPLICATE)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Indian Agency _____

Navajo Tribal _____

Allottee _____

Lease No. **11-80-601-2198****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	Free
NOTICE OF INTENTION TO ABANDON WELL		X

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

Navajo Tribal "F"

Farmington, New Mexico October 12, 1961

Well No. **12** is located **1830** ft. from **N** line and **810** ft. from **E** line of sec. **14**

SW/4 NW/4 of Section 14 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 **5214** ft. (RMS)**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding, cementing points, and all other important proposed work)

Displaced water and oil and spotted 300 gallons Spearhead Acid on bottom. Run Correlation Log. Slotted casing at 4891' with Triple Free Rotch Cutter. Pumped in treatment Spearhead 2,000 gallons oil and 75 pounds Adomite Mark II per 1000 gallons. Send oil frothed with 22,400 gallons oil containing 50 pounds, Adomite Mark II per 1000 gallons and 80,000 pounds of sand. Breakdown pressure 2500 psi, and treating pressure 2500 psi. Average injection rate 11 barrels per minute. Immediate shut-in pressure 1100 psi. Landed tubing at 4960'.

Total Depth 5026'. Plug Back Depth 4969'. Completed as Totah Gallup Field Development well October 10, 1961. Potential test October 10, 1961 flowed 444 barrels of oil 24 hours on 30/64" choke with tubing pressure flowing 250 psi and casing pressure flowing 530 psi. Gravity 40.7° API.

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 Corporation**Address **Box 400****Farmington, New Mexico**

Attn.: Mr. L. O. Spear, Jr.

Original signed by

R. M. BAUER, JR

By

R. M. Bauer, Jr.Title **Senior Petroleum Engineer**