

(SUBMIT IN TRIPLICATE)

Indian Agency \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**Navajo Tribal**

Allottee \_\_\_\_\_

Lease No. **14-20-603-2198**

		<b>X</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**

RECEIVED

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	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL		

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

**Navajo Tribal "H"**

**Farmington, New Mexico August 1, 1961**

Well No. **9** is located **570** ft. from **N** line and **670** ft. from **E** line of sec. **23**

**NE/4 NE/4 of Section 23 T-29-N R-14-W N.M.P.M.**

**Totah Gallup**  
(Field)

**San Juan**  
(County or Subdivision)

**New Mexico**  
(State or Territory)

The elevation of the derrick floor above sea level is **5317** ft. (RDS)

RECEIVED  
AUG 7 1961  
OIL CON. COM.  
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)

Ran correlation log. Bridge plug set at 4998', tested plug with 3000 psi, which held ok. Spotted 300 gallons MCA. Perforated upper Gallup with 8 shots per foot 4977-4981'. Sand oil fracked with 20,000 gallons of oil containing 50 pounds Adomite Mark II and 5 gallons FR-1 per 1000 gallons and 15,000 pounds sand. Pressures were: breakdown 1100 psi, maximum treating 2800 psi, minimum treating 2600 psi, and average treating 2650 psi. Average injection rate 30 barrels per minute.

Total depth 5115' plug back depth 5064'. Completed as Totah Gallup field Development well July 29, 1961. Potential test July 28, 1961. Flowed 164 barrels of oil in 24 hours on 20/64" choke. Tubing pressure flowing 160 psi, casing pressure flowing 54 psi. Top pay Gallup 4978'. Elevation ground level 5308'. Estimated allowable 164 barrels of oil per day effective July 14, 1961.

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 **P. O. Box 480**  
**Farmington, New Mexico**

Attn: **L. O. Speer, Jr.**

ORIGINAL SIGNED BY  
**R. M. Bauer, Jr.**

By \_\_\_\_\_  
Title **Senior Petroleum Engineer**