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(SUBMIT IN TRIPLICATE)

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

Indian Agency Navajo Tribal
Allottee _____
Lease No. 14-20-473-2198

SUNDRY NOTICES AND REPORTS ON WELLSRECEIVED
MAY 25 1961

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
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	X
NOTICE OF INTENTION TO ABANDON WELL	Result of cores.	X

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

Navajo Tribal "H"

Farmington, New Mexico May 23, 1961

Well No. 4 is located 510 ft. from N line and 2130 ft. from E line of sec. 24
SE/4 NW/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 5396 ft. (RHS)

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)

Total depth 5160' plug back depth 5121' -- Core No. 1 9065-5125' - Recovered 60' as follows: 60' black shale. Reduced hole to 7-5/8" at 5125' and drilled to 5160'. Set 4-1/2" casing at 5156' with 125 sacks 6 percent gal cement with 1-1/2 pounds medium tuf plug per sack followed by 75 sacks neat cement. Tested casing with 3000 psi for 15 minutes, which held with no indication of pressure drop. Released rig May 14, 1961. Moved in pulling unit. Displaced water with oil and spotted 250 gallons BDA. Ran correlation log and perforated Gallup with 6 shots per foot 5018-5096'. Sandoil fractured with 20,000 gallons oil containing 50 pounds per 1000 gallons Adomite Mark II fluid loss additive with 8 gallons per 1000 gallons J-10% friction control agent and 20,000 pounds sand. Proceeded treatment with 1000 gallons oil containing J-10%. Breakdown pressure 2600-1500 psi, treating pressure 2900 psi, average injection rate 29 barrels per minute. Immediate shut in pressure 900 psi. Landed 2-3/8" tubing at 5075'. First new oil produced May 21, 1961.

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

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

ORIGINAL SIGNED BY

R. M. Bauer, Jr.

By

Title Senior Petroleum Engineer

Completed as flooding all with total filling from May 25, 1961. Reservoir back
May 25, 1961. Flooded 100 barrels of oil in 10 hours on 10/4/61. Rate of oil
rate of 100 barrels of oil per day with total pressure flooding 100 gal,
ending pressure flooding on water. Density 1.25. WT.