Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency: Navajo Tribal

Allottee:

Lease No. 14-20-603-2209
Navajo Tribal "G"

SUNDRY NOTICES AND REPORTS ON WELLS

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 Result of Cores	
NOTICE OF INTENTION TO ABANDON WELL			

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

RECEIVED JAN 1961 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

Navajo Tribal "G" Farmington, New Mexico - January 5, 1961

Well No. 4 is located 510 ft. from {S} line and 510 ft. from {W} line of sec. 17

SW/4 SW/4 Section 17 (¼ Sec. and Sec. No.) T-29-N (Twp.) R-14-W (Range) N.M.P.M. (Meridian)

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

RECEIVED JAN 9 1961 OIL CON. COM. DIST. 3

The elevation of the derrick floor above sea level is 5193 ft. (RDB)

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)

Core No. 1 4560 - 4609 Gallup - Core barrel jammed. Recovered 47-1/2' as follows: 3' shale and sand laminations, 11' fracture shale, 1' tight shaly sand, 8' fractured shaly sand, low porosity, strong odor. Good fluorescence, 1' fractured shaly sand, 15' sandy shale occasional fracturing, 6-1/2' tight shaly sand, no fractures, fair odor, spotty fluorescence, occasional bleeding gas. Core No. 2 4609 - 4669 Gallup - Recovered 39' as follows: 12' tight shaly sand, No fractures, slight odor, vertical fracture 4615 - 4618, first foot washed, 7' shale with silt streaks, no fracturing, 7' shale with silt streaks fractured and broken, 9' shale occasional fossiliferous zones, fractured and broken, 4' ground-up with fragmented shale.

Total depth 4669', plug back depth 4626'. Set 4-1/2" casing at 4661' with 125 sacks 6 percent gel cement with 1-1/2 pounds medium tuf plug per sack, followed by 75 sacks neat cement. Displaced with 75 barrels oil and 300 gallons acid. Tested casing with 3000 psi for 30 minutes which held with no indication of pressure drop. Released rig December 27, 1960. Preparing for completion operations.

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
By R. M. Bauer, Jr.

Title Senior Petroleum Engineer