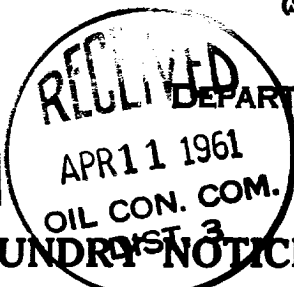
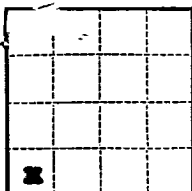


(SUBMIT IN TRIPLICATE)

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

Navajo Tribal

Allottee \_\_\_\_\_

Lease No. 14-20-403-2198UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUNDRY <sup>ST 3</sup>NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
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	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL	Core Results	

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

Navajo Tribal "H"

Farmington, New Mexico April 7, 1961

Well No. 1 is located 704 ft. from NE line and 510 ft. from E line of sec. 23  
SW/4 SW/4 of Section 23 T-29-N R-14-W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Cha Cha Gallup San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5567 ft. (RDS)

## 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 5150-5210' -- Recovered 60' as follows: 1' shale to silty sandy shale, 1' tight shaly sand, 17' silty sandy shale, 3' tight sand with occasional shale partings and nodules, 9' sand with fair porosity and permeability with good odor and bleed with vertically fractured shaly sand 5177-5178' with occasional shale laminations throughout, 2' tight shaly sand, 27' shale to occasional sandy shale.

Total depth 5260' set 4-1/2" casing at 5258' 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 300 gallons NDA and 78 barrels oil. After waiting on cement tested casing with 3000 psi, which held with no indication of pressure drop. Released rig March 23, 1961.

Ran Gamma Ray Correlation Log and perforated with 6 shots per foot 5117-5184'. Sand oil fracked with 18,200 gallons oil containing 1/20 pounds per gallon admite Mark II with

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 480, Farmington, New MexicoAttn: L. O. Spear, Jr.By A. M. B. [Signature]Title Senior Petroleum Engineer

with 5 gallons per 1000 gallons Halibut 25-2 solution and 20,000 pounds  
and. Breakdown pressure 2500 psi, medium breaking pressure 2750 psi,  
medium breaking pressure 1500 psi, and breaking pressure 2400 psi, and  
average injection rate 29 barrels per minute. Loaded 2-9/10 tubing at  
1500 psi. Completed March 21, 1961, as flowing oil with the casing 15.12.  
Pressure 1000 March 21, 1961, flowed 210 barrels of oil per day on 10/64"  
choke. Flowing pressure flowing 260 psi, casing pressure flowing 275 psi.  
Gravity 42.60 API.