

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R380.4
Approval expires 12-31-60.

Indian Agency

Navajo Tribal

Allottee

Navajo Tribal
Lease No. Contract 148

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	<u>Free</u>
NOTICE OF INTENTION TO ABANDON WELL			

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

Navajo Contract 148

Farmington, New Mexico December 26, 1962

Well No. 16 is located 770 ft. from S line and 1570 ft. from W line of sec. 14

SE 1/4 SW 1/4 Section 14
(1/4 Sec. and Sec. No.)

T-25-N
(Twp.)

R-5-W
(Range)

N.M.P.M.
(Meridian)

Otero Chacra
(Field)

Rio Arriba

(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 7043 ft.

DETAILS OF WORK

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

The above well was perforated with 6 shots per foot from 4119-4123' and 4130-4134'. These perforations were sand water fracked with 30,000 gallons water containing 15 calcium chloride and 2-1/2 lbs. FR-2 per 1,000 gals. and 30,000 lbs. sand. Pressures were Breakdown 1400, Maximum treating 2700, Minimum treating 2000, Instant shut in 700, Average injection rate 46 Barrels per minute. After cleaning up well and running tubing, well was potentialled on December 20, 1962 as follows: Flowed 3 hours through 2" line and tested 1.30% MFP per day.

Well was completed on December 20, 1962 as a shut in Otero Chacra Field Development well.

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 480

Farmington, New Mexico

Attn: L. O. Spear, Jr.

ORIGINAL SIGNED BY
F. H. HOLLINGSWORTH

By

Title Petroleum Engineer