

**(SUBMIT IN TRIPLICATE)**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**Indian Agency** .....

## Jicarilla Tribal

Allottee .....

Lease No. Jicarilla Contract  
146

X			

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	6/2/20	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	Free	X
NOTICE OF INTENTION TO ABANDON WELL			

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

**Hearilla Contract 146**

Farmington, New Mexico November 28, 1962

Well No. 16 is located 690 ft. from S line and 1190 ft. from W line of sec. 16

SW/L SW/L Section 10  
(1/4 Sec. and Sec. No.)

**T-25-H**  
(Twp.)

(Range)

**N.M.P.M.**  
(Meridian)

**Ctore Chagra**  
(Field)

## Rio Arriba

**New Mexico**  
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(State or Territory)

The elevation of the derrick floor above sea level is 623 ft.

## 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)

The above well was drilled to a total depth of 4140 feet and 4-1/2" casing was set at that depth with 200 sacks of neat Incer containing 4% gel and 1-1/2 lbs. medium Tuf Plug per sack followed by 100 sacks of neat Incer. After waiting on cement casing was tested to 3200 psi for 15 minutes. Test o.k.

San correlation log and perforated Chacra zone with 6 shots per foot 4032-4036 and 4041-4045. Sand water fracked these perforations with 31,600 gallons water containing 1% calcium chloride and 5 lbs. of J-98 per 1,000 gallons and 30,000 lbs. sand. Pressures were - Breakdown 3,000, Average Treating 2150, Average injection rate 45 barrels per minute.

Currently cleaning up well to begin testing 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 Box 180

Farmington, New Mexico

Attn: L. O. Speer, Jr.

By

Title Petroleum Engineer