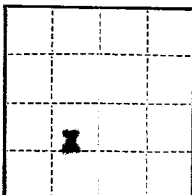


(SUBMIT IN TRIPLICATE)

Indian Agency Alcarilla ApacheUNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYAllottee Alcarilla Contract 195

Lease No. \_\_\_\_\_

RECEIVED  
SUNDRY NOTICES AND REPORTS ON WELLS

DEC 17 1958

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	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL		

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

Alcarilla Contract 195Farmington, New Mexico December 16, 1958Well No. 21 is located 1440 ft. from S line and 2700 ft. from W line of sec. 21

<u>SW 1/4 of Section 21</u>	<u>T-25-N</u>	<u>2-5-E</u>	<u>N.M.P.M.</u>
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)

<u>South Blanco-Pictured Cliffs</u>	<u>Alcarilla</u>	<u>New Mexico</u>
(Field)	(County or Subdivision)	(State or Territory)

The elevation of the derrick floor above sea level is 4440 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)

Alcarilla Contract 195 Well No. 21. On December 9, 1958, snubbed casing dry. Spotted 200 gallons mud clean out sand on bottom. Loaded hole and tested casing with 3000 pounds pressure which held ok. Perforated Pictured Cliffs with four shots per foot 2807-2875. Sand-water fracked with 20,000 gallons water and 30,000 pounds sand. Formation broke at 2300 pounds, treating pressure 2000 pounds. Average injection rate 90 barrels per minute. Two inch tubing landed at 2800'. Preliminary test after flowing five hours, 7750 WCFPS, Pilot Tube Measurement. Completed as shut-in South Blanco-Pictured Cliffs Field Development Gas Well on December 10, 1958. Released rig December 10, 1958.

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 487  
Farmington, New Mexico

By \_\_\_\_\_

Title Field Clerk