


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Jicarilla Apache

Allottee \_\_\_\_\_

Lease No. Jicarilla Apache "A" 118

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	<u>X</u>
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			<u>X</u>

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

Jicarilla Apache "A" 118Farmington, New Mexico May 23, 1962Well No. 5 is located 1130 ft. from N line and 1690 ft. from W line of sec. 25
NE/4 NW/4 of Section 25 T-26-N R-9-W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Devilian Pictured Cliffs Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)
The elevation of the derrick floor above sea level is 7395 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 4159 and 4 1/2" casing set at 4151' with 150 sacks liner cement containing AS gel and 1 1/2 pounds Teflon per sack, followed by 100 sacks neat liner. After waiting on cement casing was tested with 300 psi for 30 minutes. Test ok.

Perforated 4039-4045 in lower Pictured Cliffs Zone with 6 shots per foot. Sand water fracked these perforations with 25,600 gallons water containing 25 pounds calcium chloride and 5 pounds WG-4 per 1000 gallons and 25,000 pounds sand. Pressures were: Breakdown 2600, Maximum treating 1800, Minimum treating 1200. Average injection rate 44 barrels per minute.

Set bridge plug at 4015' and tested with 3200 psi. Test ok.

(over)

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 P. O. Box 480Farmington, New MexicoAttn: L. O. Spear, Jr.

ORIGINAL SIGNED BY

R. M. Bauer, Jr.

By \_\_\_\_\_

Title Senior Petroleum Engineer

Perforated 3792-3794' in Upper Plotted 5162' zone with 6 shots per shot.  
Fluid water finished these perforations with 25,700 gallons water containing  
15 calcium chloride, 5 pounds H-1 per 1000 gallons and 25,000 pounds sand.  
Pressures were: Pump in at 400 psi, Average treating 1000, Average injection  
rate 14 barrels per minute.

Currently testing well.