

(SUBMIT IN TRIPLICATE)

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

Jicarilla Apache 102UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

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

X			

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF <u>4-1/2"</u>	<b>X</b>
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>	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL _____		

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

Jicarilla Apache 102Farmington, New Mexico August 12, 1963Well No. 10 is located 890 ft. from N line and 1030 ft. from W line of sec. 4NW/4 NW/4 Section 4  
(1/4 Sec. and Sec. No.)T-24N R-4W  
(Twp.) (Range)N.M.P.M.  
(Meridian)Basin Dakota  
(Field)Rio Arriba  
(County or Subdivision)New Mexico  
(State or Territory)The elevation of the derrick floor above sea level is 7100 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 8375' and 4-1/2" casing set at that depth with 400 sacks Quixtongth cement containing 4% Gel and 1-1/2 pounds medium Taf Plug per sack followed by 100 sacks neat Quixtongth. After waiting on cement tested casing to 3500 psi. Test ok.

Perforated 8285-8310, 8335-8345 with 4 shots per foot. Sand water fracked these perforations with 32,760 gallons water containing 1 1/2 calcium chloride, 7 pounds J-2 and 20 pounds F-4 per 1000 gallons and 31,500 pounds sand. Pressures were: Break-down 2000, Maximum treating 3550, Minimum treating 3100, Average injection rate 18 barrels per minute.

Set bridge plug at 8240 and tested 4-1/2" casing to 3000 psi. Test ok.

(SEE REVERSE SIDE)

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.

By \_\_\_\_\_

ORIGINAL SIGNED BY  
F. H. HOLLINGSWORTHTitle Petroleum Engineer

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AUG 16 1963

OIL CON. COM.

DIST. 3

Perforated 4150-in with 2 shots per foot. Sand water treated these  
portions with 39,730 gallons water containing 15 calcium chloride,  
7 pounds 4-2 and 20 pounds 7-4 per 1000 gallons, and 40,000 pounds  
sand. Testers were: Breakdown 2000, Minimum treating 3530, Minimum  
treating 3800, Average injection rate, 20 barrels per minute.  
Piling landed at 8237' and began testing operations.