

(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	
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	X
NOTICE OF INTENTION TO ABANDON WELL		

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

Jicarilla Apache "A" 118Farmington, New Mexico July 31, 1962Well No. 4 is located 1190 ft. from N line and 990 ft. from E line of sec. 36NE 1/4, NE 1/4, Section 36 T. 26N R. 3W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Cavilan Pictured Cliffs Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 7499 ft. (RDB)

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)

Perforated 4-1/2" casing with 6 shots per foot 3970-3976'. These perforations were sand water fracked with 25,800 gallons of water containing 25,000 pounds of sand, 1% calcium chloride, and 5 pounds WC-4 per 1000 gallons. Pressures were: Breakdown 1000-400; Maximum treating 2000; Minimum treating 1700. Average injection rate 41 BPM. Set bridge plug at 3950 and perforated with 6 shots per foot 3920-3926. These perforations were sand water fracked with 27,200 gallons of water containing 25,000 pounds of sand, 1% calcium chloride, and 5 pounds WC-4 per 1000 gallons. Pressures were: Breakdown 1100-900; Maximum treating 2900; Minimum treating 1800. Ran 1-1/2" tubing, retrieved bridge plug and reran tubing. Swabbed for 77 hours and well was dead throughout. Pulled tubing and reran with bridge plug and set plug at 3940' to test upper perforations. Swabbed well 62-1/2 hours and well kicked off. Flowed well to pit 23-1/2 hours and well died. Shut in and alternately flowed and shut in well to test. Last test gauged 91 MCFFD with TPF 0 and CPF 310 with 3/4" stream water.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

(SEE

Company Pan American Petroleum CorporationReverse
Side)Address P. O. Box 480Farmington, New Mexico

By _____

Attn: L. O. Spear, Jr.Title Petroleum Engineer

Well shut in pending final disposition.