

			<b>X</b>

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. SF 081299-A  
Unit J. J. Lowmori "A"

## SUNDRY NOTICES AND REPORTS ON WELLS

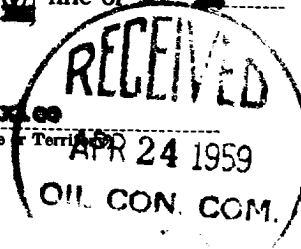
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING 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)

J. J. Lowmori "A"

Farmington, New Mexico April 22, 1959

Well No. 1 is located 770 ft. from [N] line and 650 ft. from [E] line of sec. 14  
NE/4 of Section 14 T-30-N R-16-W N.M.P.M.  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Horseehoe-Gallup San Juan New Mexico  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5549 ft. (GL)

## 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)

J. J. Lowmori "A" Well No. 1. Perforated Lower Gallup with four shots per foot 3100-3122. Attempted to sand-oil frac, but failed to break down with 3000 pounds pressure. Spotted 250 gallons break down acid. Sand-oil fracked perforations 3100-3122 with 29,800 gallons oil and 45,000 pounds sand. Tapered treatment, first 10,000 gallons at one pound per gallon and remainder at 1-3/4 pounds per gallon. Formation broke at 2100-2300 pounds. Average treating pressure 1850 pounds, average injection rate 55 barrels per minute. Attempted to perforate Upper Gallup and found top of sand at 2987'. Cleaned out sand to 3143'. Perforated Upper Gallup with four shots per foot 3006-3036. Bridge plug set at 3060'. Sand-oil fracked with 28,000 gallons oil and 30,000 pounds sand. Formation broke at 1000 pounds. Average treating pressure 1975 pounds, average injection rate 52 barrels per minute. Retrieved bridge plug and cleaned out to plug back depth. 2" tubing set at 3129', ran rods and pump. Completed as

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may (See reverse side)

Company Pan American Petroleum Corporation

Address Box 487  
Farmington, New Mexico

ORIGINAL SIGNED BY  
R. M. Bauer, Jr.

By \_\_\_\_\_

Title Field Engineer

pumping oil well April 21, 1959. Potential test April 21, 1959, flowed 62 barrels  
oil in one hour, or at rate of 1458 barrels oil per day. Well flowed out of  
casing three 3" line.