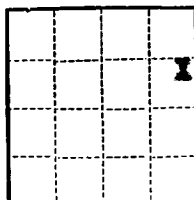


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **3F 081299-A**
Unit **J. J. Lemmori "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.....	MAY 27 1959
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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

J. J. Lemmori "A"

Farmington, New Mexico May 26, 1959

Well No. **2** is located **2210** ft. from **[N]** line and **660** 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)
Horseshoe-Gallup **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5416** 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)

J. J. Lemmori "A" Well No. 2. Spotted 250 gallons BDA. Perforated lower Gallup with four shots per foot 3477-3505. Sand-oil fracked with 25,600 gallons oil and 36,200 pounds sand. Formation broke at 3200 pounds. Maximum treating pressure 3175 pounds, minimum treating pressure 220 pounds. Tapered treatment with 10,000 gallons at 1 pound per gallon, 10,000 gallons at 1-1/2 pounds per gallon, 56,000 gallons at 2 pounds per gallon. Average injection rate 42 barrels per minute. Perforated upper Gallup with four shots per foot 3383-3407. Bridge plug set at 3440. Sand-oil fracked upper Gallup with 29,400 gallons oil and 29,400 pounds sand. Breakdown pressure 2850 pounds, treating pressure minimum 2400 pounds, maximum 2900 pounds. Average treating pressure 2700 pounds, injection rate 37 barrels per minute. Cleaned out to plug back depth and retrieved bridge plug. Landed 2" tubing at 3513', ran rods and pump. Released completion unit on May 20, 1959. Completed as pumping oil well Horseshoe Gallup field May 22, 1959. (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 Corporation**

Address **Box 487**
Farmington, New Mexico

ORIGINAL SIGNED BY
By **R. M. Bauer, Jr.**
Title **Area Engineer**

Potential test May 22, 1959, pumped 67 barrels oil in 9-1/2 hours at rate of 168 barrels oil per day with 14 - 36" strokes per minute with 1-1/4" pump. Gas oil ratio not yet available. Oil gravity 41.0 API.