



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **New Mexico**  
Lease No. **NM 04419**  
Unit **J. W. Aidlin "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.....
NOTICE OF INTENTION TO ABANDON WELL.....	

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

**J. W. Aidlin "A"**

**Farmington, New Mexico March 5, 1959**

Well No. **4** is located **745** ft. from **N** line and **650** ft. from **E** line of sec. **10**

**NE 1/4 of Section 10** **T90N** **R16W** **S.M.P.M.**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

**Hernandez-Gallup** **San Juan** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5517** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mud logs, cementing points, and all other important proposed work)

**J. W. Aidlin "A" Well No. 4. Perforated Lower Gallup with two shots per foot 1502-1610. Sand-oil fracked with 30,300 gallons oil and 60,000 pounds sand. Tapered treatment first 10,000 gallons at one pound per gallon, next 10,000 gallons at two pounds per gallon, and last 10,300 gallons at three pounds per gallon. Formation broke at 1500 pounds, average treating pressure 1300 pounds. Injection rate 64 barrels per minute. Perforated upper Gallup with two shots per foot 1486-1518. Set bridge plug at 1550. Sand-oil fracked with 23,000 gallons oil and 32,800 pounds sand. Sanded off during last of treatment. Tapered treatment first 10,000 gallons at 1 pound per gallon and last 13,000 gallons at 1-3/4 pounds per gallon. No breakdown pressure. Maximum treating pressure 3000 pounds, minimum treating pressure 1300 pounds, average injection rate 53 barrels per minute. Cleaned sand bridge plug and retrieved. 2-3/8" tubing landed at 1576'. (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  
R. M. Bauer, Jr.

By

Title **Field Engineer**

Completed as pumping oil well Horseshoe Gulch Field March 1, 1959. Potential  
lost February 26, 1959 pumped and flowed 62 barrels oil in 2-1/4 hours or at rate  
of 661 barrels oil per day. Gas-oil ratio not yet available.