

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
**Navajo**  
Allottee \_\_\_\_\_  
Lease No. **I-149-JED-2472**

<b>X</b>		

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
NOTICE OF INTENTION TO ABANDON WELL	

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

**Gallegos Canyon Unit**

**Farmington, New Mexico February 6, 1959**

Well No. **84** is located **990** ft. from **[N]** line and **990** ft. from **[W]** line of sec.

**NE 1/4 of Section 26**

**T28N**

**R13W**

**N.M.P.M.**

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

**Wildcat**

**San Juan**

**New Mexico**

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is **6095** 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)

**Gallegos Canyon Unit Well No. 84. Moved in completion unit on December 8, 1958. Perforated Dakota with four shots per foot 6372-84. Ran tubing with Baker 2 1/2" packer set at 6290'. Stabbed 4 hours and stabbed dry. Acidized with 500 gallons 15% bromic acid. Breakdown pressure 1800 PSI, Treating Pressure 1800 psi, injection rate 2 barrels per minute. Gage after flowing 15 hours, 224 MPPD with 2 gallons fluid per hour. After 17 hours, no further fluid. Pulled tubing and packer. Perforated upper Dakota same with four shots per foot 6304-28, 6332-36. Spotted 500 gallons bromic acid. Sand-water fracked with 40,000 gallons water and 40,000 pounds sand. Used 30 gallons Proflie in first 100 barrels. Formation broke at 1100 pounds, maximum treating pressure 2100 pounds. Injection rate 55 barrels per minute. Injected 120 rubber balls in four stages of 30 balls each. Ran sand pump and cleaned out to plug back depth of 6393'. 2" tubing landed at 6304'. Installed well head. (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**



After flowing 17 hours, gauged 4260 MCFD. 46 hour shut in tubing pressure and casing pressure 1900 psi with 65 hour shut in tubing pressure and casing pressure 2050 psi. Flow well 10 hours. Tested 7025 MCFD.

Gallagher Canyon Unit No. 64 Dakota formation has been shut in since December 15, 1958, pending final completion in Gallup formation. Moved in completion unit to complete Gallup formation on February 3, 1959.