



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. SP-076949

Unit Gallegos Canyon Unit

SUNDRY NOTICES AND REPORTS ON WELLS **RECEIVED**

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	OCT 25 1961
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.....	Free
NOTICE OF INTENTION TO ABANDON WELL.....		X

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

Gallegos Canyon Unit

Farmington, New Mexico October 24, 1961

Well No. **109** is located **650** ft. from **S** line and **1040** ft. from **E** line of sec. **18**

SW/4 SW/4 of Section 18 **T-29-N** **R-12-W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Basin Dakota **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5534** 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)

Total depth 6180', plug back depth 6131'. Spotted 1000 gallons 7-1/2 percent Spearhead acid over Dakota. Ran Correlation log. Perforated Dakota with 8 shots per foot 6034-6042'. Sand water fractured with 45,000 gallons of water containing 1 percent Calcium Chloride and 7 pounds J-2 and 20 pounds F-4 additives per 1000 gallons and 40,000 pounds of sand. Breakdown pressure 2000-1900 psi, average treating pressure 2800 psi. Average injection rate 34 barrels per minute. Landed 2-3/8" tubing at 6030'.

Completed as shut in Basin Dakota Field Development well October 23, 1961. Preliminary test October 21, 1961, flowed 3 hours and gauged 2691 MCF per day with tubing pressure flowing 175 psi and casing pressure flowing 375 psi. Top pay Dakota 6043' and elevation ground level 5529'.

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 **P. O. Box 450**

Farmington, New Mexico

Attn: **L. O. Speer, Jr.**

ORIGINAL SIGNED BY

R. M. Bauer, Jr.

By

Title **Senior Petroleum Engineer**