



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **SP-088723**  
Unit **Gallegos Canyon Unit**

RECEIVED

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)

Gallegos Canyon Unit

Farmington, New Mexico November 7, 1961

Well No. **111** is located **1450** ft. from **N** line and **1435** ft. from **E** line of sec. **20**  
**NE 1/4 SW 1/4 of Section 20** **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 **5466** ft. (RDB)

DETAILS OF WORK

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

Run Correlation log. Spotted 1000 gallons 7-1/2 percent MCA over Dakota. Perforated Dakota with 6 shots per foot 5977-5984'. Sand water fracked with 39,000 gallons of water containing 1 percent Calcium Chloride and 20 pounds WAO-8 Additive per 1000 gallons and 40,000 pounds of sand. Breakdown pressure 1700 psi, average treating pressure 2450 psi. Average injection rate 41 barrels per minute. Landed 2-3/8" tubing at 5953'.

Completed as shut in gas well Basin Dakota Field November 6, 1961. Preliminary test November 6, 1961, flowed 3 hours and gauged 5079 MCF per day with tubing pressure flowing 365 psi and casing pressure flowing 950 psi. Top pay Dakota 5968'. Elevation ground level 5455'.

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 480**

**Farmington, New Mexico**

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

ORIGINAL SIGNED BY  
**R. M. Bauer, Jr.**

By \_\_\_\_\_

Title **Senior Petroleum Engineer**