



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **SP-078780**  
Unit **Gallegos Canyon Unit**

RECEIVED  
OCT 25 1963

## 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 <b>Frac</b>	<b>X</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Gallegos Canyon Unit

Farmington, New Mexico October 23, 1963

Well No. **139** is located **1150** ft. from **S** line and **1150** ft. from **E** line of sec. **18**SE/4 SE/4 Section 18  
(1/4 Sec. and Sec. No.)T-28N  
(Twp.)R-11W  
(Range)N.M.P.M.  
(Meridian)Basin Dakota  
(Field)San Juan  
(County or Subdivision)New Mexico  
(State or Territory)The elevation of the derrick floor above sea level is **5529** ft.

## DETAILS OF WORK

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

Perforated Main Dakota 6025-35' with 4 shots per foot. Sand-water fracked these perforations with 37,430 gallons water containing 7 pounds J-2, 20 pounds F-4 per 1000 gallons and 1% Calcium Chloride and 40,000 pounds sand. Pressures were: Breakdown 900 psi, maximum treating 2600 psi, minimum treating 2200 psi, average treating 2200 psi. Average injection rate 39 BPM. Set bridge plug at 6012'. Tested with 3000 psi. Test ok.

Perforated Gravelos Dakota 5943-47', 5965-71' with 4 shots per foot. Sand-water fracked these perforations with 19,362 gallons water containing 7 pounds J-2, 20 pounds F-4 per 1000 gallons, 1% Calcium Chloride and 20,000 pounds sand. Pressures were: Breakdown 800 psi, maximum treating 2700 psi, minimum treating 2400 psi, average treating 2400 psi. Average injection rate 33 BPM.

Drilled out bridge plug and began testing well.

The 2-3/8" tubing landed at 6051'.

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**Fred L. Mahers  
District Engineer

By

Title

