



(SUBMIT IN TRIPLICATE)

 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY
Budget Bureau No. 42-R358.4  
Approval expires 12-31-60.
 Land Office Santa Fe  
 Lease No. SP-078926  
 Unit Gallegos Canyon Unit

## 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	<b>X</b>
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 May 26, 1961

 Well No. 99 is located 550 ft. from SW line and 2010 ft. from W line of sec. 35
SE 1/4 SW 1/4 of Section 35 T-29-N R-13-W N.M.P.M.  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Totah Gallup San Juan New Mexico  
 (Field) (County or Subdivision) (State or Territory)

 The elevation of the derrick floor above sea level is 5898 ft. (RDB)

 RECEIVED  
 JUN 1 1961

## 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)

Core No. 1 5657-5684' Gallup -- Core barrel jammed. Recovered 27' as follows: 3' sand with shale streaks. Fair to good porosity, fractured, 6' sand, fair to good porosity and permeability, fair odor, vertically fractured, 1' shaly sand, fractured, 3' sand with occasional shale streaks, 1' shaly sand, 13' black shale.

Casing set previously reported on Sundry Notice.

Total depth 5764' plug back depth 5719' -- Moved in pulling unit. Displaced water with oil. Spotted 250 gallons 15 percent MCA. Ran correlation log and perforated Gallup with 6 shots per foot 5660-5668'. Spearheaded frac with 1000 gallons oil containing 5 pounds FR-1 additive. Sandoil fractured with 15,000 gallons oil and 5 gallons FR-1 per 1000 gallons with 1/20 pound per gallon Adomite Mark II and 16,000 pounds sand. Breakdown pressure 1800-900 psi, maximum treating pressure 3400 psi, minimum treating pressure 2600 psi, average injection rate 28 barrels per minute. Instant shut in pressure

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. (see reverse side)

 Company Pan American Petroleum Corporation

 Address Box 480
Farmington, New Mexico

 Attn: L. O. Spear, Jr.

 ORIGINAL SIGNED BY  
 R. M. Bauer, Jr.

By

 Title Senior Petroleum Engineer

1200 psi. Closed out and to 5719'. Landed 2-3/8" tubing at 5693'. Currently  
recovering lead oil used during callup completion operations.

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