



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SF-078807-A
Unit Gallegos Canyon Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	<input type="checkbox"/>
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Gallegos Canyon Unit

Farmington, New Mexico August 3, 1961

Well No. 100 is located 476 ft. from [N] line and 1980 ft. from [W] line of sec. 12
NE/4 SW/4 of Section 12 T-28-N R-13-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Tetah Gallup
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5609 ft. (RDB)

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)

Core No. 1 5415-5439' — Recovered 24' as follows: 2' shale; 7' sandy shale with gas bleeds 5422-5423'; 1' shaly sand; 9' sand, medium grained with good porosity and permeability and friable and vertically fractured throughout with good odor; 1' shale; 1' sandy shale; 2' shaly sand 1' black shale.

Core No. 2 5439-5472' Gallup — Recovered 33' as follows: 21' black shale; 2' sandy shale; 3' tite Glaucentic sand; 1' sandy shale; 6' black Pokerchip shale.

Set 4-1/2" casing at 5545' with DV tool at 166'. First stage cemented with 125 sacks cement containing 6 percent gel and 1-1/2 pounds medium tuf plug followed by 75 sacks neat cement. Tested casing with 3000 psi, held ok. Waited on cement 4 hours and circulated. Second stage cemented with 150 sacks of cement containing 6 percent gel. Tested casing with 3000 psi, held ok.

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

(see reverse side)

Address P. O. Box 480

Farmington, New Mexico

Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY

By R. M. Bauer, Jr.

Title Senior Petroleum Engineer

Total depth 5555' plug back depth 5508'
Run Gamma ray correlation log. Perforated with 8 shots per foot 5428-5433'.
Pumped in 3000 gallons spreadhead containing 75 pounds per 1000 gallons Adomite
Mark II. Sand oil treated with 18,200 gallons oil containing 75 pounds per
1000 gallons Adomite Mark II and 20,000 pounds sand. Pressures were: break-
down 1250 psi; maximum treating 2600 psi; minimum treating 2400 psi. Average
injection rate 33 barrels per minute.

Potential test to be reported on final log.