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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
File No. **SF-078807-A**
Leave No. **Gallegos Canyon Unit**
Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	RECEIVED NOV 7 1961 Core X U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO
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 6, 1961

Well No. **101** is located **520** ft. from **N** line and **1890** ft. from **E** line of sec. **13**

NW/4 NE/4 of Section 13 **T-28-N** **R-13-W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Tetah Gallup **San Juan**
(Field) (County or Subdivision)

New Mexico
(State or Territory) **NOV 8 1961**

The elevation of the derrick floor above sea level is **5746** 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)

Core No. 1 5535-5542' Gallup. Recovered 7' as follows: 7' black shale with vertical fractures. Core bit indicated iron in hole. Ran magnet and recovered large piece of bit cone. Re-ran magnet and no record of iron. Ran 6-1/8" corehead.
Core No. 2 5542-5569' Gallup. Recovered 27' as follows: 3' shale, 2' sandy shale, 2' shale, 1' very shaly sand, 4' sand low porosity and permeability, 2' very shaly sand and oil and gas bleeds 5554-5555', 2' shale and sand streaks, and 11' shale with occasional thin sand streaks, and vertical fracturing 5542-5554' and 5558-5569'.

Total depth 5648'. Set 4-1/2" casing at 5640' with DV tool at 1886'. First stage cemented with 120 sacks 4 percent Gel Incor cement containing 1-1/2 pounds Tuf Plug per sack followed by 60 sacks neat Incor cement. Tested 3000 psi for 15 minutes, which held with no indication of pressure drop. Waited on cement 4 hours.

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 **P. O. Box 480**

Farmington, New Mexico

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

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By

Title **Senior Petroleum Engineer**

Second stage cemented with 145 sacks 4 percent Gel Iner cement. After waiting on cement tested 4-1/2" casing with 3000 psi for 15 minutes, when held with no indication of pressure drop. Drilled DV tool at 1886'. Displaced mud and water and tested 4-1/2" casing with 1000 psi for 15 minutes, which held with no indication of pressure drop. Moved in completion unit.