

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Case No. **SF-077966**
Unit **Gallegos Canyon Unit**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF 4-1/2"	X
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 Core	X
NOTICE OF INTENTION TO ABANDON WELL		

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

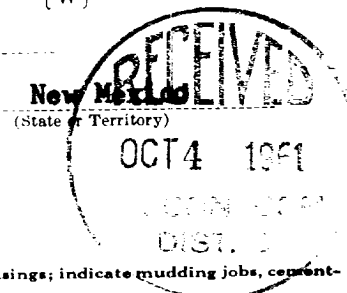
Gallegos Canyon Unit

Farmington, New Mexico September 29, 1961

Well No. **113** is located **510** ft. from **S** line and **510** ft. from **W** line of sec. **14**

SW/4 SW/4 of Section 14 **T-28-N** **R-13-W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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



The elevation of the derrick floor above sea level is **6050** 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 5690-5700'. Recovered 10' as follows: 3' shale; 2' sandy shale; 5' shale with occasional thin sand streaks.

Core No. 2 5700-5760'. Recovered 60' as follows: 3-1/2' shale with occasional thin sand streaks; 1-1/2' sand, coarse grained and pea sized nodules; 9' sand, medium grained and fair porosity and permeability with vertical fractures at 5706-5708' and 5711-5714', oil bleed at 5714; 2' shale sand with vertical fractures; 44' sand with occasional sand streaks with vertical fractures at 5716-5718' and 5753-5760'.

Core No. 3 5760-5790'. Recovered 30' as follows: 2' sand; 4' shaly sand with oil bleed at 5764-5765'; 4' sand, medium grained with poor porosity and permeability; 5' shaly sand with vertical fractures at 5769-5775'; 15' shale.

Total depth 5865'. Reduced hole to 7-5/8" at 5790' and drilled to 5865'.

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.**

By **R. M. Baker, Jr.**

Title **Senior Petroleum Engineer**

Set 4-1/2" casing at 5855' with DV Tool at 1960'. Cemented first stage with 125 sacks of 6 percent Gel cement containing 1-1/2 pounds per sack Medium Tur Plug and 75 sacks of neat cement. Tested 4-1/2" casing with 3000 psi for 15 minutes, which held with no indication of pressure drop. Waited on cement 4 hours. Cemented second stage with 150 sacks of 6 percent Gel cement. Tested 4-1/2" casing with 3000 psi for 15 minutes, which held with no indication of pressure drop.

Preparing for completion operations.