

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **SP-077966**
Unit **Gallegos Canyon Unit**

SUNDRY NOTICES AND REPORTS ON WELLS

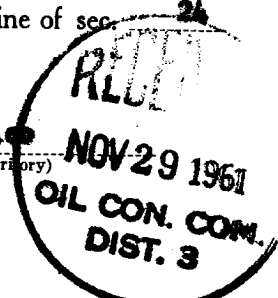
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	4-1/2"	X
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING		
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING		
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT 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	Cores	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 November 27, 19 61

Well No. **116** is located **1830** ft. from **S** line and **1830** ft. from **W** line of sec. **24**
NE/4 SW/4 of Section 24 T-28-N R-13-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cha Cha Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)



The elevation of the derrick floor above sea level is **5751** 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)

Total depth **5493'**. **Core No. 1 Gallup 5415-5438'**. Recovered **23'** as follows:
13' shale with occasional sand streaks, **2'** shaly sand with oil and gas bleeds at **5429-5430'**, **7'** sand with good porosity and permeability and vertically fractured throughout, and **1'** sandy shale.

Core No. 2 Gallup 5478-5493'. Recovered **6'** shale with occasional thin sand streaks and vertical fractures and **9'** shaly sand with poor porosity and permeability with slight gas bleeds **5488-5493'** and vertically fractured throughout.

Set **4-1/2"** casing at **5586'** with DV tool at **1668'**. First stage cemented with **125** sacks **4** percent gel liner cement containing **1-1/2** pounds Tuf Plug per sack followed by **75** sacks of neat cement. After waiting on cement **4** hours, tested **4-1/2"** casing with **3000** psi, which held with no indication of pressure drop. Second stage cemented cemented with **150** sacks **4** percent gel liner cement. After waiting on cement **18** hours,
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
R. M. Bauer, Jr.

By _____

Title **Senior Petroleum Engineer**

Tested 4-1/2" casing with 3000 psi, which held with no indication of pressure drop.
Drilled DV tool at 1668' and cleaned out to 5555'. Displaced mud with water.
Tested 4-1/2" casing with 1200 psi for 30 minutes, which held with no indication
of pressure drop. Released rig November 26, 1961. Preparing for completion
operations.