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(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **SF-077966**
Unit **Gallagos 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)

Gallagos Canyon Unit

Farmington, New Mexico November 15, 19 61

Well No. **115** is located **810** ft. from **[N]** line and **2130** ft. from **[E]** line of sec. **23**

NE/4 of Section 23 T-28-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 **6003** ft.

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 Gallup 5655-5675' Recovered 20' as follows: 7' shale with thin sand streaks, 2' shale with thick sand streaks, 9' shale vertically fractured, 1' sand with pea size nodules, and 1' sand bleeding oil and gas with vertical fractures.
Core No. 2 Gallup 5675-5695' Recovered 20' as follows: 7' sand fair to good porosity with vertical fractures throughout and bleeding oil and gas upper 2', 2' tite shaly sand, and 11' shale with occasional thin sand streaks.

Total depth 5850', plug back depth 5803'. Set 4-1/2" casing at 5844' with DV tool at 1940'. First stage cemented with 125 sacks 4 percent Gel Incor cement containing 1-1/2 pounds Tuf Plug per sack plus 75 sacks Incor neat cement. After waiting on cement, tested 4-1/2" casing with 3000 psi, which held with no indication of pressure drop. Second stage cemented with 150 sacks 4 percent Gel Incor cement. After waiting on cement, 18 hours, tested 4-1/2" casing with 3000 psi, (see reverse side)

Company **Pan American Petroleum Corporation**

Address **P. O. Box 480,**
Farmington, New Mexico

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

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By
Title **Senior Petroleum Engineer**

which held with no indication of pressure drop. Drilled 24 foot at 1960'.
Tested 4-1/2" casing with 1200 psi for 15 minutes, which held with no indication
of pressure drop. Released 118 November 11, 1961. Preparing for completion
operations.