Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Santa Fe

Lease No. SF 078902

Unit Gallegos Canyon Unit

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF 8-5/8" 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 Frac	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 October 23, 1963

Well No. 147 is located 900 ft. from {N/S} line and 990 ft. from {E/W} line of sec. 4

SE/4 SE/4 Section 4 (¼ Sec. and Sec. No.) | T-27-N (Twp.) | R-12-W (Range) | N.M.P.M. (Meridian)

Basin Dakota (Field) | San Juan (County or Subdivision) | New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5796 ft.

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)

The above well was spudded on September 24, 1963, and drilled to a depth of 357'. 8-5/8" casing was set at that depth with 225 sacks of cement. Cement was circulated to surface. After waiting on cement tested casing with 500 psi. Test ok. Reduced hole to 7-7/8" and resumed drilling.

Well was drilled to a total depth of 6149' and 4-1/2" casing was set at that depth. Two stage tool set at 2126'. First stage cemented with 800 sacks cement. Second stage cemented with 550 sacks cement. Cement circulated to surface. After waiting on cement tested casing with 3000 psi. Test ok.

Perforated 6068-76', 6009-14', 6032-41' with 2 shots per foot. Sand-water fraced these perforations with 72,550 gallons water containing 4 pounds FR-4 per 1000 gallons, 1% Calcium Chloride and 60,000 pounds sand. Pressures were: Breakdown (See Reverse side)

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

Address P. O. Box 480

Farmington, New Mexico

Fred L. Kabora
District Engineer

By

Title

RECEIVED
OCT 25 1963
OIL CON. COM.
DIST. 3

GPO 914974

1500 psi, maximum treating 3100 psi, minimum treating 3000 psi. Average injection rate 39 BPM. Dropped 20 ball sealers midway through frac.

Testing operations were begun.

The 2-3/8" tubing landed at 5961'.