



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Sanita, N.M.Lease No. SP-05844Unit Gallegos Canyon Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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.....	<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Gallegos Canyon Unit

Farmington, New Mexico August 5, 1960

Well No. 88 is located 990 ft. from N line and 1980 ft. from E line of sec. 31

SW/4 SE/4 of Section 31 T-28-N R-11-E S.1.1.1.1
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Unassigned Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6032 ft. (± 5)

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)

Plug back depth 5891' - Moved in pulling unit July 28, 1960. Displaced water with oil. Tested casing with 3000 psi for 30 minutes, which held with no indication of pressure drop. Spotted 500 gallons BHA. Perforated lower Gallup 6 shots per foot 5831-5840'. Sand oil fracked with 25,000 gallons oil and 20,000 pounds sand. Breakdown pressure 2900-1600 psi. Started sand at 1/2 pound per gallon with minimum treating pressure 2850 psi for first 100 barrels oil. Sand at 1 pound per gallon with maximum treating pressure 300 psi for next 300 barrels oil. Sand at 1/2 pound per gallon with average treating pressure 2900 psi for last 200 barrels oil. Flashed at 2900 psi. Average injection rate 31 barrels per minute. Instant shut in pressure 1200 psi, 5 minute shut in pressure 1150 psi and 10 minute shut in pressure 1100 psi. Set Baker retrievable bridge plug at 5804'. Perforated 6 shots per foot 5764-74'. Spotted 250 gallons BHA. Sand oil fracked with 29,200 gallons oil and 29,200 pounds sand. Break down pressure 2900 psi, average treating pressure 2750 psi, sand off and pressure increased to 3200 psi. Cleaned out sand and retrieved bridge plug. Landed 2-3/8" tubing at 5876'. Well currently flowing back load oil used during Calit. completion operations.

Company Pan American Petroleum CorporationAddress P. O. Box 480Farmington, New MexicoAttn: L. O. Spear, Jr.

ORIGINAL SIGNED BY

R. M. Bauer, Jr.

By

Title Area Engineer