



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 065546-B
Unit Martin Gas Unit "D"

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.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

Martin Gas Unit "D" Farmington, New Mexico August 27, 1957

Well No. 1 is located 1750 ft. from S line and 1140 ft. from E line of sec. 31

SE/4 of Section 31 T-28-N R-10-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Fulcher Kutz-Pictured Cliffs San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5887 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)

Workover operations commenced April 8, 1957. Well plugged back from 1852' to 1831'

by squeezing with 175 sacks cement below a packer set at 1801' and then drilling out to 1831'. Perforated with four shots per foot 1821-1830'. Sand frac with 14,000 gallons oil and 12,500 pounds of sand. Average injection rate 48 BPM. Stimulation failed to increase production. Performed demulsifying treatment with 1000 gallons kerosene containing 20 gallons Dowell Fre-Flo "B" agent and flushed with oil. Well tested approximately 74 MCFPD against atmospheric pressure. Landed 1 1/2" tubing at 1810' and shut in well to pressure up prior to connecting to pipeline. Attempted to produce, but would not buck line pressure. Opened up through casing and produced approximately 1 MCF of gas in two hours. On April 25, 1957, compressor was installed and the well produced an estimated 7 MCF in 8 hours on April 29, 1957. Workover operations were resumed on June 19, 1957, and drilled cement plug to 1846' and shot

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced (see reverse)

Company Pan American Petroleum Corporation

Address Box 487

Farmington, New Mexico

By [Signature]

Title Field Clerk

open hole section 1833'-1845' with two open hole shaped charges per foot. Acidize with 55 gallons mud acid ahead of frac with 20,000 gallons of water and 20,000 pounds of sand. Injected 40 ball sealers. Average injection rate 48 BPM. Well started making gas and tested 283 MCF against atmospheric pressure. Landed tubing at 1829' and connected well to pipeline. Delivery to line for first 18 hours June 24, 1957, averaged 50 MCFPD. Rate of production gradually increased and on July 10, 1957 was making 120 MCFPD. Workover was successful in restoring production.