



(SUBMIT IN TRIPLICATE)
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 076337
Unit W. D. Heath "A"

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.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

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

W. D. Heath "A"

Farmington, New Mexico July 25, 1957

Well No. 3X is located 1791 ft. from N line and 1650 ft. from E line of sec. 17

SW/4 of Section 17
(¼ Sec. and Sec. No.)

T-29-N
(Twp.)

R-9-W
(Range)

N.M.P.M.
(Meridian)

Blanco-Mesaverte
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5661 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate measuring points, and all other important proposed work)

Workover rig moved on and attempted to pull tubing. Cut off tubing at 3840' and pulled same. Set magnesium bridge plug at 3626' with 250 sacks of cement. Drill cement plug to 3720' and set shipstock at 3720'. Drill whipstock hole, and set 5" liner from 3558-4591, with 100 sacks of cement. Test casing string with 2500 pounds pressure, which failed. Re-cement 5" liner with 100 sacks of cement followed by an additional 50 sacks. Casing string was tested with 3000 psi pressure which held. Perforate with 2 shots per foot 4350-74 and 4381-4474. These formations were sand water fracked with 67,200 gallons water and 70,000 pounds of sand. Pressure broke at 2800 pounds. Average injection rate 80 barrels per minute. Set bridge plug 3930. Pipe was tested with 2500 pounds pressure which held. Perforate with two shots per foot 3806-24, 3838-3900. These perforations were sand water fracked with 40,000 gallons water and 40,000 pounds sand. Pressure broke at 2700 pounds. Average injection rate 67 barrels per minute. Bridge plug set at 3930 drilled. Preliminary test 3006 MCFPD.

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 Box 487

Farmington, New Mexico

By D. H. Pratt

Title Field Clerk