



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 31 078019
Unit E. H. Winkin

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

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

E. H. Winkin

Farlington, New Mexico February 7, 1961

Well No. 3-X is located 1070 ft. from S line and 1610 ft. from W line of sec. 1

SE 1/4 of Section 1
(1/4 Sec. and Sec. No.)

T-27-N
(Twp.)

R-11-E
(Range)

N.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 5773 ft. (ASL)

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 6235' -- Tested casing with 3000 psi, which held with no indication of pressure drop. Spotted 500 gallons 15 percent acid. Ran correlation log. Perforated 6194-6202 with 6 shots per foot. Attempted to frac. Breakdown pressure 2900 psi, injection rate 22 barrels per minute at 3000 psi. Pumped additional 250 gallons 15 per cent acid. Sandwater fracked with 25,200 gallons water with 1 per cent calcium chloride and 7 pounds per 1000 gallons western J-2 gelling agent and 12,000 pounds sand. Landed 2" tubing at 6152'. Pitot test February 2, 1961, after blowing 5 1/2 hours 492 MCF per day with tubing pressure flowing 30 psi and casing pressure flowing 180 psi. Rigged up pulling unit to kill lower Dakota zone and proceed with completion in upper Dakota section. Killed well with water. Ran retrievable bridge plug on tubing and set at 6180'. Tested bridge plug with 3000 psi, which held with no indication of pressure drop. Spotted 500 gallons 15 per cent spearhead acid. Perforated upper Dakota with 6 shots per foot 6120-6126, 6159-6163. Sandwater fracked

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

(over)

Company Pan American Petroleum Corporation

Address Box 480

Farlington, New Mexico

Attn: L. G. Speer, Jr.

By

Title Senior Petroleum Engineer

with 4,000 gallons water per day 2 pounds per 100 gallons
with 1 per cent solution, and 60,000 pounds per 100
100 gal, water 60,000 gallons per day 6 pounds
per day 60,000 gallons per day 6 pounds per day 6 pounds
per day 60,000 gallons per day 6 pounds per day 6 pounds