



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SP 078765
Unit Rosa Unit

SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
OCT 29 1959

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)

Rosa Unit

Farmington, New Mexico October 27, 1959

Well No. 35-5X is located 1835 ft. from 1800 S line and 1830 ft. from 1800 W line of sec. 5
SW/4 of Section 5 T-31-N R-6-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco Mesquitas San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

RECEIVED
OCT 30 1959
OIL CON. COM
DIST. 5

The elevation of the derrick floor above sea level is 6357 ft. (RIB)

DETAILS OF WORK

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

Rosa Unit 35-5X. Spotted 300 gallons acid on bottom of 5" liner at 8060'. Perforated 5" liner with 2 shots per foot 8020-7980 and 7970-7934. Baker full bore packer set at 7600' of 3-1/2" drill pipe. Acidized perforations with total of 1000 gallons. Breakdown pressure 3600 psi, treating pressure 2400 psi with injection rate 3 barrels per minute. Held 1000 psi on casing above packer. Attempted sand-water frac on perforations 7934-7970 and 7980-8020 through 3-1/2" drill pipe with Baker full bore cementer set at 7600'. Sand water fracked with 15,200 gallons water and 10,000 pounds sand and sanded off. Breakdown pressure 4900 psi, treating pressure maximum 5900 psi, average treating pressure 4750 psi with injection rate 14.5 barrels per minute. Swabbed well in. Gauged 299 NWPD after 8 hours. Killed well with mud and pulled packer. Cut 5" casing with Abradjet at 8004'. Displaced mud with water and set packer at 7598'. Sand-water fracked with 30,000 pounds sand and 49,700 gallons water. Breakdown pressure 4900 psi, average treating pressure 4600 psi, (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 Box 487

Farmington, New Mexico

Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY
R. M. Bauer, Jr./

By _____

Title Area Engineer

Well tested 167 MCFFD. Set bridge plug at 7910'. Run 5" packer with 63' tall
 pipe on 2" tubing and set packer at 7854'. Abandon jet out at 7910'. For 15 minutes
 using 3 jets. Attempted to add to jet at 7910 below 5" packer set at 7854. Pumped
 22 barrels and in 7-3/4 hours. Packer appeared to be leaking. Discontinued pump
 and bleed off well. Spotted 20 sack cement plug 7683-7910. Reported hardware
 with 2 shots per foot 5600-6416, 5682-5696, 5656-5670, 5680-5684. Sand water treated
 with 42,900 gallons water and 90,000 pounds sand. Dropped 140 perforated balls in
 7 batches, 20 balls each at 2-1/2 - 3-1/2 minute intervals to ball off treatment.
 Breakdown pressure 790 psi, minimum treating pressure 500 psi, average treating
 pressure 1200 psi, maximum treating pressure 2900 psi, average injection rate 42
 barrels per minute. Landed 1-1/4" tubing at 5682'. Completed October 19, 1959 as
 part in Hines Recovery Field gas well. Preliminary test October 18, 1959, 1235
 MCFFD. Released 18 October 19, 1959.

Pacific Northwest Pipelines Corporation assumed operations October 19, 1959.

