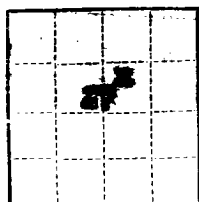


3 - U.S.G.S.  
1 - W. A. Johnston  
2 - Mr. James E. [unclear]  
1 - File



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. NE 011341 A  
Unit 25-5  
# 24-05-052-07

## 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	<u>Subsequent work and from job</u>	<u>1</u>

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

May 3, 1956

Well No. 24-77 is located 1630 ft. from N line and 1820 ft. from E line of sec. 27704 West Sec. 27  
(1/4 Sec. and Sec. No.)Twp. 2N  
(Twp.)Range 2E  
(Range)R. 1, 2, 3, 4  
(Meridian)Blanco - New Mexico  
(Field)El Arriba  
(County or Subdivision)New Mexico  
(State or Territory)The elevation of the highest ground above sea level is 4067.1 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)

Completion rig moved to and casing tested O.K. Total Depth 6150'. Perforated 6054-72, 6054-82, 6114-22, 6134-42, with 2 shots per foot and fractured Fracture treatment with 30,400 gals. water only. S.S. 1900'. Average 1450'. Maximum 1600'. Final 1600' to bottom. Injection rate 48 S.F.M. Perforated 5954-52, 6054-52, 6054-62, with 3 shots per foot. Set bridge plug at 6050' and fractured Fracture treatment with 30,400 gals. water only. S.S. 1900'. Average 1800'. Maximum 1900'. Final 1900' to bottom. Injection rate 52.1 S.F.M. Retrieved bridge plug and perforated 5954-52, 5954-62, 5954-72, 5954-82 with 2 shots per foot. Set bridge plug at 5950' and fractured Fracture treatment with 30,400 gals. water only. S.S. 1900'. Average 2000'. Maximum 2100'. Final 2100'. Standing 2000' in 5 minutes. Injection rate 52.1 S.F.M. Cleaned out to total depth and set 6150.06' or 2 1/4" O.D., 4.75, 2-55, tubing with perforated nipple at 6136.56'. Retrieved rig at 6050 F.M. 4-25-56.

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

Company Pacific Northwest Pipeline CorporationAddress 435 West Main StreetFarmingtonNew MexicoBy Original signedTitle District Engineer

