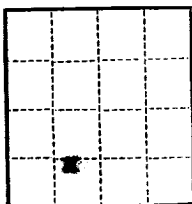


Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office New Mexico
Lease No. 012496
Unit San Juan Unit 29-6
14-08-001-439

5- U.S.G.S.
1- U.S. GEOLOGICAL SURVEY
1- File
RECEIVED
U.S. GEOLOGICAL SURVEY
NEW MEXICO
1955

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	<input checked="" type="checkbox"/>	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)

Well No. 23-121 is located 1638 ft. from [N] line and 1572 ft. from [E] line of sec. 12
5 1/4 Sec. No.) 29 W (Range) 6 N (Meridian)
Blanco (Field) El Estero (County or Subdivision) New Mexico (Territory)

The elevation of the ungraded ground above sea level is 6551 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)

reopen to drill 15" hole to 200' and set 10-3/4" pipe w/ 150 ex 45 gal cement. Drill with mud to 3605' set 7" casing with 150 ex 45 gal cement w/ 50 ex next on bottom. Then drill to appx. 5660' with mud and set 5-1/2" casing with 100 ex 25 gal. Then drill to total depth of appx. 5834' with gas. Point lookout to be fractured down casing using 20,000 gals. w/avg. of 1-1/4 # to 1-1/2 # wt./gal. Manos and Cliff zones to be fractured separately down casing thr. perforations using 10,000 gals w/avg. of 1-1/4 to 1-1/2 wt./gal. treatment, cleanout open hole, run tbg. and complete well.

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 Corporation

Address 113-1/2 West Main Street

Farmington, New Mexico

By D. A. Hagan

Title District Engineer

