

Form 9-331a  
(Feb. 1951)

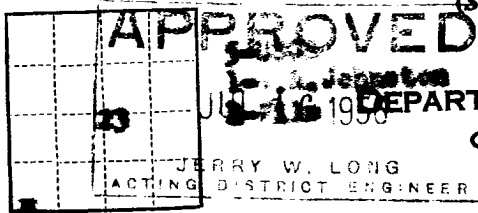
(SUBMIT IN TRIPLICATE)

Land Office Santa Fe

Lease No. 5-7-079047

Unit 22-2

71-04-001-44



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# 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>fracing a well completion</u>           |

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

Well No. 17-23 is located 955 ft. from N line and 1055 ft. from W line of sec. 23

32-2 (Twp.) (Range) 10-2 (Meridian)  
Alamosa (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6471.5

## 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)

Total depth 5450', perf 5724-28, 5738-44, 5752-62, 5774-90, 5784-86, 5790-94, 5794-98, 5804-10, 5816-22, 5824-46, w/2 shots/ft. frac 37L w/46,200 gals water only. BP 1900', avg 1900', max 1900', final 1500', to vac. avg l.s. 53.8% perf 546-90, 563-98, 5702-04 w/2 shots/ft. Set BP = 5712' and frac 37L w/46,200 gals water only. BP 1900', avg 1600', max 1900', final 1500', to vac. avg l.s. 61.8%. Retrieved BP. Perf 5396-408, 5414-20, 5468-78, w/3 shots/ft. perf. 5364-92 w/2 shots/ft. Set BP = 5490', frac 37L w/42,000 gals water only. BP 2000', avg 1900', max 1700', final 1900', to vac. avg l.s. 56.8% perf. Retrieved BP & perf 5336-44, 5350-58 w/2 shots/ft. 5295-99, 5302-14, 5320-24 w/3 shots/ft. & 5248-92, w/2 shots/ft. Set BP = 5270' and frac 37L w/42,000 gals water only. BP 1940', avg 1600', max 1650', final 1500', to vac. avg l.s. 57.1%. Retrieved BP. Cleaned out to Total depth. at last 5450' compl well. Released rig at 6:00 P.M. 7/23/56

I understand that this plan of work must receive approval in writing from the District Engineer before operations may be commenced.

Company Pacific Northwest Pipeline Corp.  
Address 413 1/2 N. Main,  
Vernington, W.V.  
Original signed by T. A. Dugan  
Title District Engineer

