

Form 9-831a
(Feb. 1961)

5-USE

1-7. Johnston (SUBMIT IN TRIPLICATE)

1-File

Land Office Santa Fe

Lease No. 97 076771

Unit 2082

114-00-001-387

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>Sub. Report of frac. & well compl.</u>	<u>X</u>

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

August 6, 1956

Well No. 14-23 is located 930 ft. from [N] line and 1430 ft. from [E] line of sec. 23

14-23 (1/4 Sec. and Sec. No.) 23 31N (Twp.) 6N (Range) 14W (Meridian)

Blanco Mesa, Verde (County or Subdivision) New Mexico (State or Territory)

The elevation of the Upgraded Ground derrick floor above sea level is 4350 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)

Total depth 5734', PB 5728'. Perf. 5652-56', 5673-63', 5684-88', 5690-74', 5706-10', 5718-28', w/ 3 shots/ft. frac LPI w/90,190 gals. water and 60,000# sd. @ 1200#, avg. 2250#, max. 2300#, final 2300#, to vac. 12 46.7 BPM. Perf. 5614-38', w/ 4 jets/ft., frac. SPL w/45,444 gals. water and 56,900 # sd. @ 1100#, avg. 2250#, max 2350#, final 2350#, atdg. 325# in 5 min., 60# in 10 min. to vac. in 22 min. In 4.8 BPM. Perf. 5378-86', 5392-9408', w/ 4 shots/ft., frac Hm. & CH w/43,680 gals. water and 56,000# sd. @ 1000#, avg. 2050#, max. & final 2200#, atdg. 100# in 5 min., more in 1 hr. In 52.25 BPM. Cleaned out to total depth, set 5676.74' of 2 3/8" CP, 4.75, J-55, 84d, tubing, w/perf. nipple w/X pinned collar, set at 5682.76'. Rig released 7:30 AM 7-30-56.

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 Corp.

Address 4351 E. Broadway

Farmington, New Mexico

By

Title District Engineer