



COPY TO O. C. C.

IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 965  
Farmington, New Mexico

June 23, 1955

Pacific Northwest Pipe Line Corporation  
413½ West Main Street  
Farmington, New Mexico

Re: Santa Fe 078995  
14-08-001-464

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated June 13, 1955 covering your well No. 5-31 San Juan 31-6 Unit in NE¼ SW¼ sec. 31, T. 31 N., R. 6 W., N. M. P. M., Rio Arriba County, New Mexico, Blanco pool.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1947, a copy of which will be sent to you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

Very truly yours,

(Orig. Sgd.) A. P. KLEEMAN

A. P. Kleeman  
Acting District Engineer

APK:leemantac



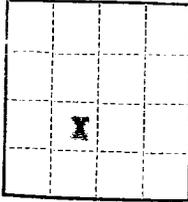
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



U.S. GOVERNMENT PRINTING OFFICE



7-9, 8, 9, 0.  
1-W.G. Johnston  
1-File



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 078995  
Unit San Juan 31-6 Unit  
14-03-001-464

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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.....			

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

June 13, 1955

Well No. 5-31 is located 1725 ft. from NS line and 1650 ft. from W line of sec. 31

NS 34 Sec. 31 (Sec. and Sec. No.)    31 N (Twp.)    6 E (Range)    N.M. (Meridian)  
Blanco (Field)    Rio Arriba (County of Subdivision)    New Mexico (State or Territory)

The elevation of the ~~surface~~ Increased Ground above sea level is 6201.27

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)

Drill 15" hole to 200', set 10-3/4" O.D. casing at that point and cement with 150 sq. 4 1/2 gal. cement. Drill with mud to approximately 3150, set 7-5/8" O.D. casing and cement with 150 sq. 8 1/2 gal. cement. Drill with gas from 3150 to top of Mesa Verde at approximately 5000'; set 5-1/2" casing and cement with 150 sq. 8 1/2 gal. cement. Then drill the Mesa Verde formation with gas, sand frac the Point lookout and Cliff house separately with 10,000 gal. treatment, clean out well, run 2-3/8" tubing and complete well.

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

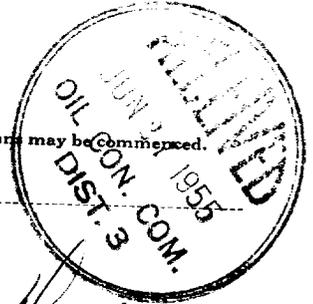
Company PACIFIC NORTHWEST PIPELINE CORPORATION

Address 413-1/2 West Main Street

Farmington, New Mexico

By D.A. Ryan

Title Engineer



Company.....PACIFIC NORTHWEST PIPELINE CORPORATION

Lease..... Well No.....

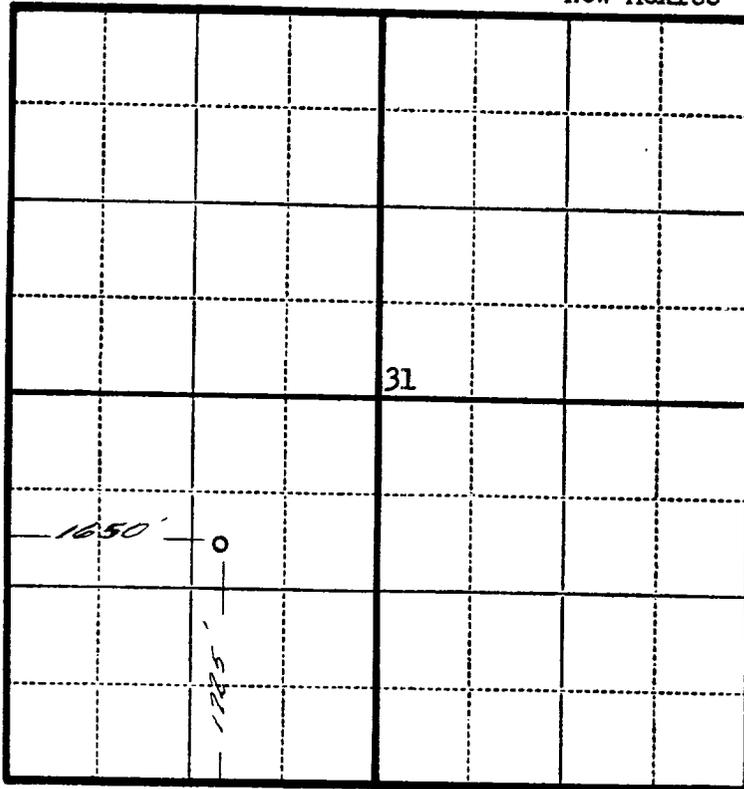
Sec..... 31 ....., T. 31 N. ...., R. 6 W. N.M.P.M....

Location..... 1725' from the South line and 1650' from  
the West line.

Elevation..... 6201.27 Ungraded ground

Rio Arriba Co.

New Mexico



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*Charles J. Walker*

Seal:

Registered Professional  
Engineer and Land Surveyor.

Surveyed ..... June 7 ....., 19. 55.