

5 - U.S.G.S.
1 - W. G. Cutler
1 - File

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

		X	
Sec.	21		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **NM 03188**
Unit _____

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)

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

December 1, 1959

San Juan 29-5
Well No. **46-21** is located **800** ft. from **[N]** line and **1510** ft. from **[E]** line of sec. **21**

NW/4 NE/4 Sec. 21 **29N** **5W** **N.M.P.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco - Mesa Verde **Rio Arriba** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

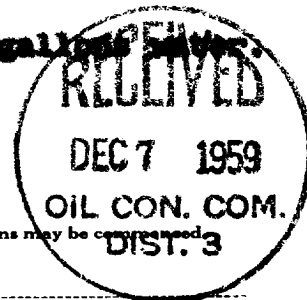
The elevation of the **Ground** ~~surface~~ above sea level is **6666** ft.

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)

Propose to:

Drill 13 3/4" hole to 200' and set 10 3/4" casing w/200 sax regular cement. Drill 9 7/8" hole to approximately 3830' and set 7 5/8" casing w/150 sax w/8% gel plus 50 sax neat. Drill 6 3/4" hole to approximately 6010' and set 5 1/2" liner w/200 sax w/4% gel. Perforate and frac Mesa Verde w/approximately 120,000 gallons water. Clean out and run 1 1/2" tubing to base of Mesa Verde.



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 **418 1/2 West Broadway**

Farmington, New Mexico

By **Original Signed by L. A. Bedford**
Title **Drilling Engineer**

Well Location and Acreage Dedication Plat

Section A.

Date **October 5, 1959**

Operator **Pacific Northwest Pipeline Corp.** Lease **San Juan 29-5 Unit NM 03188**
 Well No. **46-21** Unit Letter **B** Section **21** Township **29N** Range **5W** NMPM
 Located **800** Feet From **North** Line **1510** Feet From **East** Line
 County **Rio Arriba** G. L. Elevation **6666** Dedicated Acreage **320** Acre
 Name of Producing Formation **Mesa Verde** Pool **Blanco Mesa Verde**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes ☐ No ☒
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☒ No ☐ If answer is "yes", Type of Consolidation, **Unit Agreement**

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

Section B.

Note: All distances must be from corner to corner.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Pacific Northwest Pipeline Corp.,

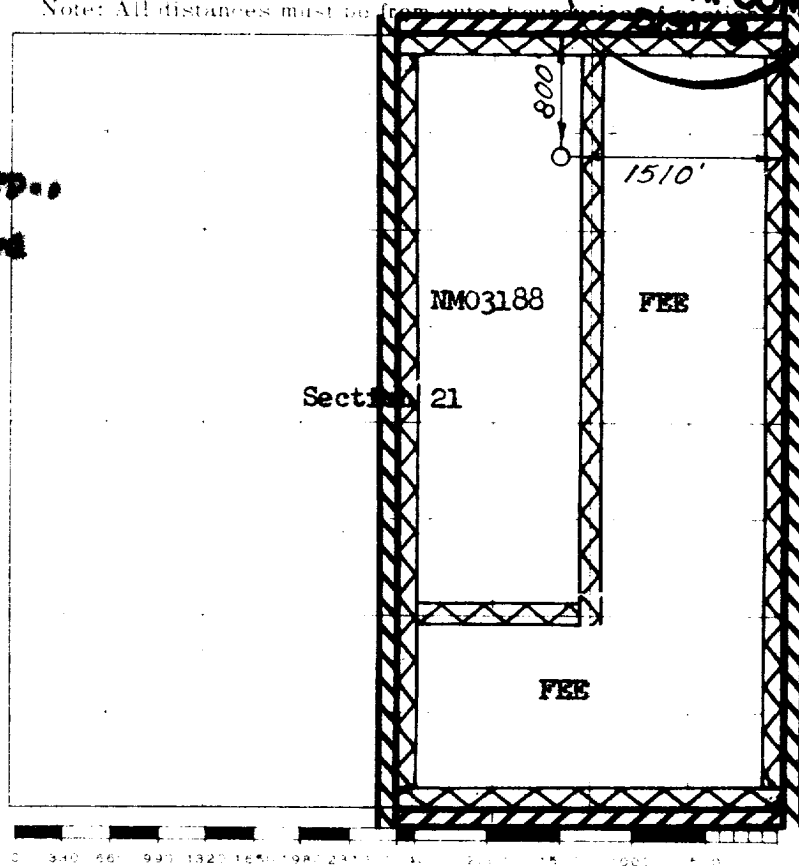
(Operator)

Original Signed by L.A. Bedford

(Representative)

418 1/2 West Broadway

(Address)

Farmington, New Mexico

Scale 1 inch = 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.

(Seal)

Date Surveyed

June 2, 1959

Farmington, New Mexico

David O. Vilness
 Registered Professional Engineer and/or Land Surveyor