

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-078426

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME San Juan 29-6 Unit
2. NAME OF OPERATOR Northwest Pipeline Corporation	8. FARM OR LEASE NAME San Juan 29-6 Unit
3. ADDRESS OF OPERATOR 3539 East 30th Street - Farmington, NM 87401	9. WELL NO. #213
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SE/NE 2500' FNL & 795' FEL	10. FIELD AND POOL, OR WILDCAT Basing Fruitland Coal
14. PERMIT NO. API #30-039-24581	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6439' GR
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30H, T29N, R6W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PERF. WATER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Completion Operations</u>	<input checked="" type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If the well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

2-4-90: MOL & RU. NU BOPs. PU 4-3/4" bit & CO to 3332'. Tested csg to 4500# - ok. Spotted 250 gal 7-1/2% HCL & TOH. Ran Cement Bond log & Gamma Ray Collar Log across perf interval. Marginal bonding at 3050'. Good bonding 3050' to 3332'.

2-5-90: Perforated 1st stage w/ 37 (.54") holes from 3272' to 3290' (2 spf). Waited on CO₂ to frac. Fraced 1st zone as follows: All frac wtr 40# x-link gel & 15% CO₂ w/ .04% Biocide. Pumped 28,000 gal pad followed w/ 8,600# 40/70 sand & 36,000# 12/20 sand at 1 to 4 ppg. Screened out w/ 4 ppg on formation. ATP=3000#, AIR=44 BPM, MIP=3500#, ISIP=2610#, 565# in 1 hr, 460# in 4 hr.

2-6-90: Flowing well back. RU & set top drillable bridge plug at 3250'. RU & tested plug to 4500# - ok. TIH & spotted 250 gal 7-1/2% HCL. TOH. RU & perfed 91 (.54") holes at 2 spf from 3193'-3238'. Fraced 2nd stage w/ 30# x-link gel w/ .04% Biocide & 15% CO₂ in pad. Pumped 15,000 gal pad followed w/ 15,000# 40/70 & 98,300# 12/20 sand at 1 to 4 ppg. Well screened out on flush. ATP=1795#, AIR=78 BPM, MTP=3600#, ISIP=2680#, 965# in 1 hr, 640# in 2 hr. Began flowing well back.

2-7-90: Picked up 4-3/4" bit, six 3-1/8" DCs & retrievable packer. Set packer, removed frac head & installed tbg head. Tested tbg head pack off to 2000# - held ok.

(continued on back)

18. I hereby certify that the foregoing is true and correct

SIGNED Carrie Harmon TITLE Production Assistant Accepted For Record 3-18-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE MAR 27 1990

Chief, District
Mineral Resources
Farmington, New Mexico

*See Instructions on Reverse Side

2-7-90 (continued)

Laid down packer & TIH. CO 15' of fill to BP at 3250'. Drilled BP. Pushed BP to 3272' where it stopped. TOH.

2-8-90: TIH w/ 4-3/4" mill. Could not get below 3230' (junk at 3272'). TOH.

OD of mill scarred, small ID casing. Picked up 4-1/2" mill & TIH. Milled junk at 3272' & CO to TD. TOH. Picked up SN/expendable check and TIH. CO no fill to TD.

2-9-90: TIH and tagged no fill to 3328' (TD). Blew well w/ air. Blew well down and ran 106 jts (3298') of 2-7/8", 6.4#, J-55, NUC. Landed at 3310' (SN at 3277'). Perfs from 3193' to 3290'.

2-10-90: Finished NU wellhead. Pumped out expendable check and gauged well up to bg at 869 MCF/D w/ heavy mist. Rig released at 1200 hrs.