## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Budget Bureau No. 42-R1424
1	5. LEASE
١	SF 078738
ĺ	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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ļ	7. UNIT AGREEMENT NAME
	San Juan 30-5 Unit
	8. FARM OR LEASE NAME
	San Juan 30-5 Unit
	9. WELL NO.
	#91
	10. FIELD OR WILDCAT NAME
	Basin Dakota/Wildcat Gallup
_	11. SEC., T., R., M., OR BLK. AND SURVEY OF
	AREA
	Sec 25, T30N, R5W
	12. COUNTY OR PARISH 13. STATE
	Rio Arriba N.M.
į	14. API NO.

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 Form 9-331-C for such proposals.) well 🗆 other well 2. NAME OF OPERATOR Northwest Pipeline Corporation 3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87499 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 1950 FSL & 835 FWL NW/SW AT TOP PROD. INTERVAL: 1950 FSL & 835 FWL AT TOTAL DEPTH: 1950 FSL & 835 FWL 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, 30-039-23168 REPORT, OR OTHER DATA 15. ELEVATIONS (SHOW DF, KDB, AND WD) 6671' KB REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF RECEIVED FRACTURE TREAT SHOOT OR ACIDIZE Report results of multiple completion or zone REPAIR WELL PULL OR ALTER CASING BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA MULTIPLE COMPLETE CHANGE ZONES ABANDON\* (other) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\* 11-2-83 & 11-3-83 MOL & RU. Blew well down. TOH w/ 2-3/8" tbg. Set Howco top drillable BP at 7713' KB. TIH w/ 2-3/8" tbg to 7408' & loaded hole w/ treated wtr. Pressure tested csg & BP to 4200# - held OK. Spotted 750 gal of 7-1/2% HCl across Gallup. Ran GR/CCl & perf'd 30 holes from 7030' to 7360'. Broke down formation at 36 BPM & 4200#. ISIP 2600#. Dropped 50 balls in 1000 gals of 15% HCl & balled off. Ran junk basket & rec'd 50 balls w/ 22 hits. Frac'd w/ 10,000 gal pad of treated wtr followed by 81,000# of 20/40 sand at 1/2 - 1 ppg. Sanded off during flush. AIR 36 BPM, MIR 40 BPM, ATP 4150#, MTP 4200#. ISIP 2600#, 5 min 2490#, 15 min 2450#. Job completed at 0030 hrs 11-3-83. Total fluid to recover 4180 bbls. Well SI after frac. 11-4-83 Blowing well after frac. Gauged well after 3 hr blow at 1150 MCFD 11-5-83 Blowing well after frac. CONTINUED ON REVERSE SIDE Subsurface Safety Valve: Manu. and Type \_ Set @ \_\_\_\_\_ Ft. 18. If ereby certify that the foregoing is true and correct 10000\_\_\_ TITLE Production Clerk\_DATE \_\_11-9-83 (This space for Federal or State office use) ACCEPTED FOR RECORD \_\_ TITLE

CONDITIONS OF APPROVAL, IF ANY

NOV-1 6-1983

FARIATHGIUH NESUURGE AREA \*See Instructions on Reverse Side Sam

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]]-6-83 Blowing well after frac. Ran 23] jts of 2-3/8", 4.7#, EUE 8rd tbg plug on btm of btm jt. Pumped out plug & gauged well up tbg at 1270 MCFD w/ med mist. Rig released.

NOW WAITING ON CLEAN UP AND IP TEST.