UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

DISTRICT ENGINEER

Form 9–331 Dec. 1973	Form Approved. Budget Bureau No. 42–R1424		
UNITED STATES DEPARTMENT OF THE INTERIOR	5. LEASE Tribal Contract #92		
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	7. UNIT AGREEMENT NAME		
(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.)	8. FARM OR LEASE NAME Jicarilla 92		
2. NAME OF OPERATOR	9. WELL NO. #5		
Northwest Pipeline Corporation 3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME Tapacito Pictured Cliffs		
P.O. Box 90, Farmington, NM 87499 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		
below.) AT SURFACE 1090 FSL & 1650 FEL SW/SE AT TOP PROD. INTERVAL: 1090 FSL & 1650 FEL AT TOTAL DEPTH: 1090 FSL & 1650 FEL	Sec 31, T27N, R3W N.M.P.M. 12. COUNTY OR PARISH 13. STATE Rio Arriba N.M. 14. API NO.		
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)		
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACID ZE REPAIR WELL PUBL OR ALTER CASING			
REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other)	EEB 2 8 15 33		
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	e all pertinent details pard give pertinent dates,		

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

1. Rig up day rig. Install BOP equipment.

- Pull 1-1/4", 2.33#, J-55, IJ tubing with gas lift valves (G.L.V. at 1601' and 3004'). Rig down and release rig.
- Rig up cement pump truck. Establish rate into Pictured Cliffs perfs and pump 25 sx (29.5 cu.ft) C1 "B" neat cmt across Pictured Cliffs perfs and squeeze into perfs. Leave TOC at 3250' (top PC at 3802'; top Fruitland at 3627'; top of Ojo Alamo at 3300').

4. Perforate 2 holes at 17	72' in 2-7/8" pro	oduction casing.		
CONTINUED ON REVERSE SIDE				
Subsurface Safety Valve: Manu. and Type			Set @	Ft
18. I hereby certify that the foregoing is t SIGNED M.J. Turnbaugh		i <u>on Engine</u> eγ _{λτε} <u>Γ</u> ε	ebruary 18, 1983	
	(This space for Federal or	State office use)		
APPROVAL P ANY	TITLE	DATE		
	<u> </u>	-		

See Instructions on Reverse Side

NMOCC

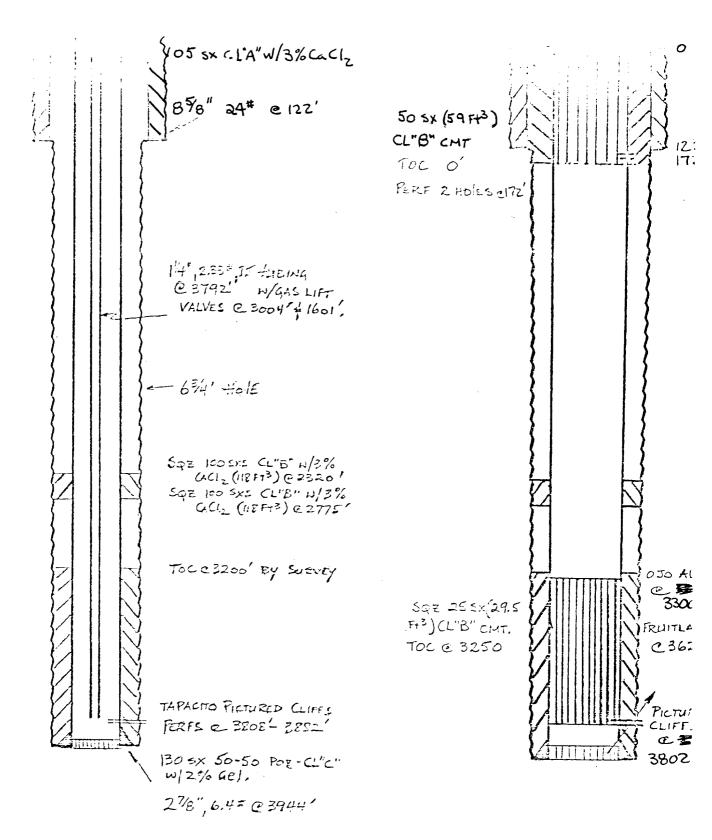
P&A procedure cont'd

- 5. Establish rate down 2-7/8" casing and circulate 2-7/8" x 8-5/8" annulus Pump 50 sx (59 cu.ft) down 2-7/8" casing and circulate cement up backside to surface. Leave cement top at surface in 2-7/8" casing. Shut well in.
- 6. Install dry hole marker and clean up location.

PROCEDURE FOR PLUG AND ABANDON

ON JICARILLA 92 #5 (PC)

- 1. Rig up day rig. Install BOP equipment.
- 2. Pull 1 1/4", 2.33#, J-55, IJ tubing with gas lift valves (G.L.V. at 1601' and 3004'). Rig down and release rig.
- 3. Rig up cement pump truck. Establish rate into Pictured Cliffs perfs and pump 25 sx (29.5 Ft³) Cl"B" neat cement across Pictured Cliffs perfs and squeeze into perfs. Leave TOC at 3250' (top P.C. at 3802'; top Fruitland at 3627'; top Ojo Alamo at 3300').
- 4. Perforate 2 holes at 172' in 2 7/8" production casing.
- 5. Establish rate down 2 7/8" casing and circulate 2 7/8" x 8 5/8" annulus. Pump 50 sx (59 cu. ft.) down 2 7/8" casing and circulate cement up backside to surface. Leave cement top at surface in 2 7/8" casing. Shut well in.
- 6. Install dry hole marker and clean up location.



PETD 2927 TD 2944

BEFORE

AFTER

DownHole Diagram JICARILLA 92 #5