

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Northwest Pipeline Corporation
3. ADDRESS OF OPERATOR
P.O. Box 90, Farmington, New Mexico 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 790' FNL & 1705' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>

(other) "Drilling Summary" ☒

5. LEASE SF 079033	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME San Juan 29-5 Unit	
8. FARM OR LEASE NAME San Juan 29-5 Unit	
9. WELL NO. 93	
10. FIELD OR WILDCAT NAME Blanco Pictured Cliffs	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23 T29N R5W	
12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6841' GR	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

9-12-78 Spud 12-1/4" surface hole @ 2030 hrs. Drilled to 135'.

9-13-78 Ran 3 jts 8-5/8", 24#, K-55, ST&C csg set @ 133'. Cmted w/ 90 sks.
Plug down @ 0215 hrs. Circ 3 bbls cmt. WOC tested to 600 psi, held OK. Drilling ahead.

9-19-78 Reached TD 3960'. Ran I-ES & GR-Density logs.

9-20-78 Ran 128 jts 2-7/8", 6.4#, K-55, EUE csg set @ 3939'. Cmted w/ 170 sks.
Good circ. Plug down 1230 hrs. Tested to 4000 psi, held OK. WOC.
Ran temp survey & found top of cmt @ 2800' & PBTD @ 3930'.

Waiting on completion.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Barbara C. Rex TITLE Production Clerk DATE September 21, 1978

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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1. oil ☐ well ☐ gas ☒ well ☐ other
2. NAME OF OPERATOR
Northwest Pipeline Corporation
3. ADDRESS OF OPERATOR
PO Box 90, Farmington, New Mexico 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 790' FNL & 1705' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) "Completion Operations"	

5. LEASE
SF 079033
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
San Juan 29-5 Unit
8. FARM OR LEASE NAME
San Juan 29-5 Unit
9. WELL NO.
93
10. FIELD OR WILDCAT NAME
Blanco Pictured Cliffs
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 23 T29N R5W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
6841' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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5-16-79 Ran GR-CCL from 3918' to 2700'.

5-21-79 Perfed 3870' to 3794' w/ 17 shots. Pumped 500 gal 7-1/2% HCl w/ 35 balls. Breakdown @ 2000 psig. Overdisplaced acid w/ 5 BW, no ball action. Had ball injector malfunction.

5-22-79 RU & pr tested lines to 4000 psig. Pumped 500 gal 7-1/2% HCl acid w/ 35 balls. Balled off @ 4000 psig. Pumped 5000 gal pad. Fraced w/ 48,000# 10/20 sand @ 1 PPG. Flushed w/ 22 BW. All fluid contained 2-1/2# FR/1000 gal wtr. No breakdown. AIR 29 BPM, AIP 3800 psig, MIR 32 BPM, MIP 4200 psig. ISIP 600 psig, 30 min 250 psig. 1055 bbls to recover. Job complete @ 0030 hrs.

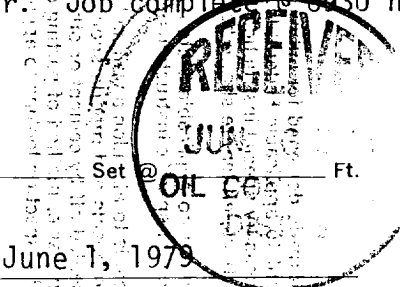
5-31-79 Well open & dead.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Barbara C. Key TITLE Production Clerk DATE June 1, 1979

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:JUN 5 1979
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.