

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

3539 East 30th Street - Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface SE/SW 1125' FSL & 1715' FSL

At top prod. interval reported below

as above

At total depth

as above

14. PERMIT NO. DATE ISSUED
API 30-309-24592

5. LEASE DESIGNATION AND SERIAL NO.

SF 078426

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 29-6 Unit

8. FARM OR LEASE NAME

San Juan 29-6 Unit

9. WELL NO.

#212

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 30N, T29N, R6W

12. COUNTY OR PARISH

Rio Arriba NM

13. STATE

15. DATE SPUDDED 12-12-89 16. DATE T.D. REACHED 12-17-89 17. DATE COMPL. (Ready to prod.) 2-2-90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6700' KB 19. ELEV. CASINGHEAD 6687' GR

20. TOTAL DEPTH, MD & TVD 3600' KB 21. PLUG, BACK T.D., MD & TVD 3590' KB 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY ROTARY TOOLS yes CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3351'-3524'

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/PD/FDC/HRL NDT Microlog GR/CCL

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING REQD	AMOUNT FUL
9-5/8"	32.3#	539'	12-1/4"	320 sx	
5-1/2"	15.5#	3601'	7-7/8"	650 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3534'	

31. PERFORATION RECORD (Interval, size and number)

3351'-3374' @ 2 spf - 47 holes (.54")
3436'-3454' @ 2 spf - 37 holes (.54")
3460'-3470' @ 2 spf - 21 holes (.54")
3486'-3492' @ 2 spf - 13 holes (.54")
3510'-3524' @ 2 spf - 29 holes (.54")

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3436'-2524'	swf w/ 2729 bbls followed
3351'-3	by 23,950# 40/70 & 204,600#
	12/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION 2-2-90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing, during completion operations WELL STATUS (Producing or Shut-in) Accepted For Records

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented, waiting on pipeline connection

35. LIST OF ATTACHMENTS

Casing & Cementing Report and Deviation Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Carrie Harmon TITLE Production Assistant DATE 3-21-90

*(See Instructions and Spaces for Additional Data on Reverse Side)

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo Kirtland Fruitland TD	2650' est 2808' est 3220' est 3600'	2808' est 3220' est 3600'				

Casing and Cementing Report
(San Juan 29-6 #212)

Hole Size 12-1/4"

9-5/8", 32.3#, H-40, ST&C Lonestar ERW. Set at 539' KB. Cemented w/ 320 sx (381 cu.ft.) Cl "B" w/ 3% CaCl_2 & 1/4# cele-flake/sk.

Hole Size 7-7/8"

5-1/2", 15.5#, K-55, LT&C Sicerca smls csg. Set at 3601' KB. Cemented w/ 450 sx (932 cu.ft.) Cl "B" 65/35 poz w/ 12% gel & 1/4# cele-flake/sk. Tailed w/ 200 sx (236 cu.ft.) Cl "B" w/ 1/4# cele-flake/sk.

Carrie Harmon
Carrie Harmon

3-16-90
Date

DEVIATION REPORT

COMPANY Northwest Pipeline Corp. ADDRESS 3539 E. 30th - Farmington, NM
LEASE San Juan 29-6 Unit WELL #212 UNIT LETTER N SEC 30 T 29N R 6W
POOL and FORMATION Basin Fruitland Coal COUNTY Rio Arriba

1/2° - 542'
1/2° - 950'
1/2° - 1451'
3/4° - 1981'
3/4° - 2480'
3/4° - 2808'
1° - 3600'

Certificate: I, the undersigned, state that I, Carrie Harmon
acting in my capacity as Production Assistant of Northwest Pipeline Corporation,
am authorized by said Company to make this report which was prepared by me or under
my supervision and direction; and that the facts stated herein are true to the best
of my knowledge and belief.



described and sworn to before me this 20 day of March, 19 90
OFFICIAL SEAL
Kristine E. Russell
NOTARY PUBLIC IN AND FOR THE STATE OF NEW MEXICO
My Commission Expires: _____

My Commission Expires _____

4-2-90