

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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. ENVR. ☐ Other ☐

2. NAME OF OPERATOR  
Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR

3539 E. 30th Street - Farmington, NM 87402

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

At surface 1162' FNL & 1200' FEL NE/NE

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED  
API #30-039-25017

5. LEASE DESIGNATION AND SERIAL NO.

SF-AF 078999

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 31-6 Unit

8. FARM OR LEASE NAME

San Juan 31-6 Unit

9. WELL NO.

#216

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec. 35, T31N, R6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

15. DATE SPUDDED 12-5-90 16. DATE T.D. REACHED 12-11-90 17. DATE COMPL. (Ready to prod.) 12-31-90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6521' KB 19. ELEV. CASINGHEAD 6507' GR

20. TOTAL DEPTH, MD & TVD 3321' KB 21. PLUG, BACK T.D., MD & TVD 3319' KB 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS yes CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

3162'-3323' (Correlated to mud log - 8' dup) yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DCL 27. WAS WELL CORRED no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36# K-55	225'	12-1/4"	120 sx (143 cu.ft.)	
7"	23# K-55	3110'	8-3/4"	435 sx (834 cu.ft.)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	3010'	3319'	not cemented		2-3/8"	3287'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

3162'-3170' Total of 124 holes  
3225'-3236' 2 spf .75"  
3259'-3276'  
3294'-3314'  
3317'-3323'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3162'-3323'	Foam frac w/ 1320 bbls fluid & 20,000# 40/70, 197,000# 12/20 & 30,000# 16/30 sand

33.\* PRODUCTION

DATE FIRST PRODUCTION 12-31-90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing during completion operations WELL STATUS (Producing or shut-in) Shut in

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

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.) TEST WITNESSED BY

Vented - waiting on pipeline

JAN 16 1991

35. LIST OF ATTACHMENTS

Deviation Report, Casing & Cementing Report

NMOCD

FARMINGTON RESOURCE AREA

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

SIGNED

Carrie Harmon

TITLE

P&D Field Office Assistant

DATE

1-8-91

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo Kirtland Fruitland TD	2571' est 2684' est 3171' est 3321'	2684' est 3171' est 3321'				

RECEIVED

NOV 6 1991

N

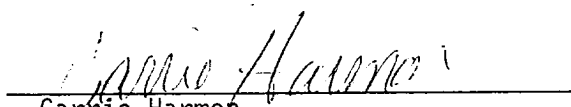
CASING AND CEMENTING REPORT  
(San Juan 31-6 #216)

Hole Size 12-1/4"

9-5/8", 36#, K-55, LT&C & ST&C USS smls csg. Set at 225' KB. Cemented with 120 sx (143 cu.ft.) of Class "B" with 3%  $\text{CaCl}_2$  and 1/4# cello-flake/sk.

Hole Size 8-3/4"

7", 23#, K-55, LT&C, CF&I smls set at 3110'. Cemented as follows: Lead - 360 sx (745 cu.ft.) of Cl "B" 65/35 poz, 12% gel, 12-1/4# gilsonite/sk. Tail - 75 sx (89 cu.ft.) of Cl "B" with 2%  $\text{CaCl}_2$  and 1/4# cello-flake/sk.

  
Carrie Harmon

1-8-91  
Date