

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. RENVR. ☐ Other ☐

2. NAME OF OPERATOR
Northwest Pipeline Corporation

3. ADDRESS OF OPERATOR
P.O. Box 90, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State laws and regulations)*
At surface 1520 FSL & 1670 FWL NE/SW
At top prod. interval reported below Same
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
NM-03404

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.
#51

10. FIELD AND POOL, OR WILDCAT
Basin, Dakota

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 5, T30N, R6W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. PERMIT NO. BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA

15. DATE SPUNDED 7-26-84 16. DATE T.D. REACHED 8-3-84 17. DATE COMPL. (Ready to prod.) 9-18-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6305' KB 19. ELEV. CASING/HEAD 6293' GR

20. TOTAL DEPTH, MD & TVD 7859' KB 21. PLUG, BACK T.D., MD & TVD 7806' KB 22. IF MULTIPLE COMPL., HOW MANY? Single 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0' - 7859'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota 7672' - 7687' KB

25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN Baseline Temp Log
IES/SP/GR, CDL/CNL/GR, GR/CCL, GR/IEL, CDL/SNL, Spectral GR, Temp Log

27. WAS WELL CORED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
SEE ATTACHED	CASING AND CEMENT RECORD.				

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7686' KB	

31. PERFORATION RECORD (Interval, size and number)

7672'	7676'	7680'	7684'
7673'	7677'	7681'	7685'
7674'	7678'	7682'	7686'
7675'	7679'	7683'	7687'

Total 16 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7672' - 7687'	SWF w/1306 bbls treated fluid followed by 20,000# 40/60 sand and 20,000# 20/40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION 9-18-84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 11-6-84 HOURS TESTED 3 hours CHOKE SIZE 2" x .750 PROD'N. FOR TEST PERIOD → OIL—BBL. - GAS—MCF. 132 WATER—BBL. - GAS-OIL RATIO

FLOW. TUBING PRESS. 56 CASING PRESSURE 222 CALCULATED 24-HOUR RATE → OIL—BBL. - GAS—MCF. 854 MCF WATER—BBL. - OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented - Waiting on pipeline connection to be sold

TEST WITNESSED BY Chik Charley

35. LIST OF ATTACHMENTS
Cmt and Csg and Temp Survey

BY Sm

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

SIGNED Linda S. Marques TITLE Prod. & Drlg. Clerk DATE 11-16-84

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

3. 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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2231' Est	2383'		Ojo Alamo	2231'	
Kirtland	2383' Est	2735'		Kirtland	2383'	
Fruitland	2735' Est	3153'		Fruitland	2735'	
Pictured Cliffs	3153' Est	3341'		Pictured Cliffs	3153'	
Lewis	3341' Est	5169'		Lewis	3341'	
Cliff House	5169' Est	5492'		Cliff House	5169'	
Point Lookout	5492' Est	7495'		Point Lookout	5492'	
Greenhorn	7495' Est	7549'		Greenhorn	7495'	
Graneros	7549' Est	7661'		Graneros	7549'	
Dakota	7661' Est			Dakota	7661'	
				Total Depth	7859'	

38.

GEOLOGIC MARKERS

San Juan 31-6 Unit #51

Hole Size - 12-1/4"

9-5/8", 36# set at 384' KB. Cemented w/ 225 sx (268 Cu.ft.) C1 "B" w/ 1/4# gel flake/sk and 3% CaCl_2 . Circ 15 bbls.

Hole Size 8-3/4"

7", 20#, and set at 3545' KB. Cemented w/ 150 sx (329 Cu.ft.) of C1 "B" 65/35 poz w/ 12% gel. Tailed w/ 75 sx (89 Cu.ft.) of C1 "B" w/ 2% CaCl_2 .

Hole Size 6-1/4"

4-1/2, 11.6# and 10.5# set at 7859' KB. Cemented w/ 275 sx (597 Cu.ft.) C1 "B" w/ 8% gel and 12-1/2# fine gilsonite/sk & 0.4% retarder. Tailed w/ 100 sx (118 Cu.ft.) C1 "B" w/ 1/4# fine tuf-plug/sk and 0.4% retarder.

