

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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						7. UNIT AGREEMENT NAME San Juan 31-6 Unit	
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87499						8. FARM OR LEASE NAME San Juan 31-6 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1120 FSL & 790 FWL SW/SW At top prod. interval reported below 1120 FSL & 790 FWL At total depth 1120 FSL & 790 FWL						9. WELL NO. #27	
14. PERMIT NO. FARMINGTON, N. M.						10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUDDED 3-19-83						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 28, T31N, R6W	
16. DATE T.D. REACHED 3-29-83						12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 5-7-83						13. STATE N.M.	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6493' KB						19. ELEV. CASINGHEAD 6479' GR	
20. TOTAL DEPTH, MD & TVD 8063'		21. PLUG, BACK T.D., MD & TVD 8032'		22. IF MULTIPLE COMPL., HOW MANY* Single		23. INTERVALS DRILLED BY ROTARY TOOLS 0'-8063'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 7940'-7960' & 7984'-7989' w/ 1 SPF						25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/ IEL/CDL/SNL/ logs. GR/CC1						27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
SEE ATTACHMENT FOR CEMENT AND CASING RECORD							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD		SIZE 2-3/8"		DEPTH SET (MD) 7920'		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 7940', 7941', 7942', 7943', 7944', 7945', 7946', 7947', 7948', 7949', 7950', 7951', 7952', 7953', 7954', 7955', 7956', 7957', 7958', 7959', 7960', 7984', 7985', 7986', 7987', 7988', 7989', Total 27 .37" holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 7940'-7960' & SWF w/ 2707 bbls fluid & 54,400# 7984'-7989' 40/60 sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION 5-7-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 5-24-83		HOURS TESTED 3 hrs		CHOKES SIZE 2"X.750"		PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO - 308 MCF - -	
FLOW. TUBING PRESS. 146 psig		CASING PRESSURE 608 psig		CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) - 2063 MCFD - -			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented waiting on Pipeline connection to be sold						TEST WITNESSED BY Fred S. Hamrick	
35. LIST OF ATTACHMENTS Cement and casing report							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

SIGNED Paul C. Thompson
Paul C. ThompsonTITLE Sr. Drilling EngineerDATE 6-2-83
JUN 20 1983

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

FARMINGTON DISTRICT

BY SM

NMOC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2481' est	2590'		Ojo Alamo	2481'	same
Kirtland	2590' est	2989'		Kirtland	2590'	same
Fruitland	2989' est	3332'		Fruitland	2989'	same
Pictured Cliffs	3332' est	3547'		Pictured Cliffs	3332'	Same
Lewis	3547' est	5432'		Lewis	3547'	Same
Cliff House	5432' est	5739'		Cliff House	5432'	Same
Point Lookout	5739' est	7760'		Point Lookout	5739'	same
Greenhorn	7760' el	7816'		Greenhorn	7760'	Same
Graneros	7816' el	7938'		Graneros	7816'	same
Dakota	7938' el			Dakota	7938'	same
				Total Depth	8063'	same

Hole Size 12-1/4"

9-5/8", 36#, & set at 385'.

Cmt'd w/ 250 sx (298 cu.ft) Cl "B" w/ 1/4# flocele/sk & 3% CaCl₂. Circ out 20 bbls.

Hole Size 8-3/4"

7", 20#, & set at 3750'.

Cmt'd w/ 120 sx (263 cu.ft) Cl "B" 65/35 poz w/ 12% gel. Tailed w/ 75 sx (89 cu.ft)
Cl "B" w/ 2% caCl₂

Hole Size 6-1/4"

4-1/2", 10.5# & 11.6#, & set at 8063'.

Cmt'd w/ 260 sx (564 cu.ft) Cl "B" w/ 8% gel & 12-1/2# fine gils/sk & 0.4% retarder.
Tailed w/ 100 sx (118 cu.ft) Cl "B" w/ 1/4# fine tuf-plug/sk & 0.4% retarder.

Paul C. Thompson
Paul C. Thompson

Sr. Drilling Engineer
Title

6-2-83
Date

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djb/

RECORDED
JUN 11 1983
OIL CON. DIV.
DIST. C