

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							
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87499							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1950 FSL & 835 FWL NW/SW At top prod. interval reported below 1950 FSL & 835 FWL At total depth 1950 FSL & 835 FWL							
14. PERMIT NO. NOV 30 1983				DATE ISSUED			
BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA				15. DATE SPUDDED 9-13-83			
16. DATE T.D. REACHED 9-21-83		17. DATE COMPL. (Ready to prod.) 10-1-83		18. ELEVATIONS (KB, RT, GR, ETC.)* 6671' KB		19. ELEV. CASINGHEAD 6659' GR	
20. TOTAL DEPTH, MD & TVD 8033'		21. PLUG, BACK T.D., MD & TVD 8000'		22. IF MULTIPLE COMPL., HOW MANY* Single		23. INTERVALS DRILLED BY 0'-8033'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7943'-7956' & 7980'-7988' Dakota						25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL/GR SNL/CDL/ GR/CCI & Temperature 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	
SEE ATTACHMENT FOR CASING AND CEMENTING REPORT							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
BP @		7713'					
31. PERFORATION RECORD (Interval, size and number)							
7943', 7944', 7945', 7946', 7947', 7948', 7949', 7950', 7951', 7952', 7953', 7954', 7955', 7956', 7980', 7981', 7982', 7983', 7984', 7985', 7986', 7987', 7988',				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
Total 23 .37" holes				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				7943'-7956' & 7980'-7988' SWF w/ 3218 bbls treated fluid followed by 60,000# 40/60 sand & 10,000# 20/40 sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION 10-1-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI	
DATE OF TEST 10-27-83		HOURS TESTED 3 hrs		CHOKE SIZE 2"X.750"		PROD'N. FOR TEST PERIOD	
FLOW, TUBING PRESS. 79		CASING PRESSURE 385		CALCULATED 24-HOUR RATE		OIL—BBL. 1155 MCFD	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI behind Bridge plug		TEST WITNESSED BY Gip Aulbert					
35. LIST OF ATTACHMENTS Cementing 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				TITLE Sr. Drilling Engineer			
Paul C. Thompson				DATE JAN 05 1984			

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

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BY

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 POROSITY 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	
	2790' EST	2960' EST				MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2790' EST	2960' EST	2960'		Ojo Alamo	2970'	Same
Kirtland	2960' EST	3185' EST	3185'		Kirtland	2960'	Same
Fruitland	3185' EST	3342' EST	3342'		Fruitland	3185'	Same
Pictured Cliffs	3342' EST	3712' EST	3712'		Pictured Cliffs	3342'	Same
Lewis	3712' Est	5495' EL	5495'		Lewis	3712'	Same
Cliff House	5495' EL	5764' EL	5764'		Cliff House	5495'	Same
Point Lookout	5764' EL	7762' EL	7762'		Point Lookout	5764'	Same
Greenhorn	7762' EL	7812' EL	7812'		Greenhorn	7762'	Same
Graneros	7812' EL	7936' EL	7936'		Graneros	7812'	Same
Dakota	7936'				Dakota	7936'	Same
					Total Depth	8033'	Same

Completion Report
San Juan 30-5 Unit #91 Cont'd

Hole size 12-1/4"

9-5/8", 36#, & set at 367' KB
Cmt'd w/ 275 sx (325 cu.ft) C1 "B" w/ 1/4# gel flake/sk & 3% CaCl_2 . Circ 12 bbls cmt.

Hole Size 8-3/4"

7", 20#, & set at 3940' KB.
Cmt'd w/ 110 sx (240 cu.ft) 65/35 poz w/ 12% gel. Tailed in w/ 75 sx (89 cu.ft)
C1 "B" w/ 2% CaCl_2 .

Hole Size 6-1/4"

4-1/2", 10.5# & 11.6# & set at 8033'.
Cmt'd w/ 250 sx (543 cu.ft) C1 "B" w/ 8% gel & 12-1/2# fine gils/sk & 0.4% retarder.
Tailed in w/ 100 sx (118 cu.ft) C1 "B" w/ 1/4# tuf-plug/sk & 0.4% retarder.

Paul C. Thompson
Paul C. Thompson

Sr. Drlg Engineer
Title

Nov 15, 1983
Date

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