

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other In-
structions on
Reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____						
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____				
2. NAME OF OPERATOR Northwest Pipeline Corporation						7. UNIT AGREEMENT NAME San Juan 30-5 Unit					
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87499						8. FARM OR LEASE NAME San Juan 30-5 Unit					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 850 FWL & 1060 FSL SW/SW At top prod. interval reported below 850 FWL & 1060 FSL - DEC 21 1983 At total depth 850 FWL & 1060 FSL						9. WELL NO. #86					
10. FIELD AND POOL, OR WILDCAT Basin Dakota						11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA Sec 35, T30N, R5W					
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Rio Arriba		13. STATE N.M.			
15. DATE SPUDDED 10-3-83		16. DATE T.D. REACHED 10-13-83		17. DATE COMPL. (Ready to prod.) 10-29-83		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6945' KB		19. ELEV. CASINGHEAD 6933' GR			
20. TOTAL DEPTH, MD & TVD 8337'		21. PLUG BACK T.D., MD & TVD 8270'		22. IF MULTIPLE COMPL., HOW MANY* Single		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0'-8337'		CABLE TOOLS 0	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 8210'-8220' & 8246'-8250' Total 30 holes										25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL/GR CDL/SNL/GR Spectral Logs, Temperature/GR/CCI										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 Attachment		for Casing and		Cementing 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		8164'									
31. PERFORATION RECORD (Interval, size and number) 8210', 8211', 8212', 8213', 8214', 8215', 8216', 8217', 8218', 8219', 8220', 8246', 8247', 8248', 8249', 8250', 2 SPF - Total 30 .37" holes											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
8210'-8220'						SWF w/ 2348 bbls treated fluid					
8246'-8250'						followed by 40,000# 40/60 sand					
						& 10,000# 20/40 sand - added 1/3					
						Millicurie of radio active tracer/1000# of 20/40					
33.* PRODUCTION											
DATE FIRST PRODUCTION 10-29-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) SI			
DATE OF TEST 11-29-83		HOURS TESTED 3 hrs		CHOKE SIZE 2"X.750"		PROD'N. FOR TEST PERIOD →		OIL—BBL. -		GAS—MCF. 341 MCF	
FLOW. TUBING PRESS. 163		CASING PRESSURE 673		CALCULATED 24-HOUR RATE →		OIL—BBL. -		GAS—MCF. AOF 2324		WATER—BBL. -	
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 Cement and Casing Record											
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									

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

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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: CORREL. 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	3027' est	3357'		Ojo Alamo	3027'	Same
Kirtland	3357' est	3517'		Kirtland	3357'	Same
Fruitland	3517' est	3866'		Fruitland	3517'	Same
Pictured Cliffs	3860' est	4001'		Pictured Cliffs	3860'	Same
Lewis	4001' est	5808'		Lewis	4001'	Same
Cliff House	5808' est	6080'		Cliff House	5808'	Same
Point Lookout	6080' est	8034'		Point Lookout	6080'	Same
Greenhorn	8034' EL	8084'		Greenhorn	8034'	Same
Graneros	8084' EL	8202'		Graneros	8084'	Same
Dakota	8202' EL			Dakota	8202'	Same
				Total Depth	8337'	Same

San Juan 30-5 Unit #86

Cementing and Casing Record

Hole Size: 12-1/4"

9-5/8", 36# & set at 387' KB.
Cmt'd w/ 275 sx (327 cu.ft) C1 "B" w/ 1/4# gel flake/sk & 3% CaCl₂.
Circ out 10 bbls cmt.

Hole Size: 8-3/4"

7", 20#, & 23# & set at 4247' KB.
Cmt'd w/ 120 sx (263 cu.ft) C1 "B" 65/35 poz w/ 12% gel. Tailed in w/ 75 sx
(89 cu.ft) C1 "B" w/ 2% CaCl₂.

Hole Size: 6-1/4"

4-1/2", 10.5# & 11.6#, & set at 8337'
Cmt'd w/ 245 sx (532 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# fine tuf-plug/sk & 0.4% retarder.

Paul C. Thompson
Paul C. Thompson

Sr. Drilling Engineer
Title

December 9, 1983
Date

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