

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

 (other in-
formations on
reverse side)

 Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____										5. LEASE DESIGNATION AND SERIAL NO. SF 078999	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
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, New Mexico 87401										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 1450' FNL & 1450' FEL At top prod. interval reported below Same as above At total depth Same as above										9. WELL NO. #33	
14. PERMIT NO. DATE ISSUED API #30-039-22108 6-29-79										10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUDDED 11-6-79 16. DATE T.D. REACHED 11-19-79 17. DATE COMPL. (Ready to prod.) 6-27-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6494' GR 19. ELEV. CASINGHEAD -										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 34 T31N R6W	
20. TOTAL DEPTH, MD & TVD 8014' 21. PLUG, BACK T.D., MD & TVD 8003' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - ROTARY TOOLS All CABLE TOOLS -										12. COUNTY OR PARISH Rio Arriba 13. STATE New Mexico	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7976' - 8000' @ 1 SPF										25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/Induction & Density Log, GR/CCL & correlated to FDC 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	
9-5/8"		36#		359'		12-1/4"		225 sks C1 "B"		3 bbls	
7"		20#		3886'		8-3/4"		160-110 sks 65/35 poz		-	
4-1/2"		11.6#&10.5#		Surface-8014'		6-1/4"		345-400 sks C1 "B"		-	
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"	7980'					
31. PERFORATION RECORD (Interval, size and number)											
7976' 7981' 7986' 7991' 7996'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
7977' 7982' 7987' 7992' 7997'				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
7978' 7983' 7988' 7993' 7998'				7976'-8000'		500 gal 7-1/2% HCl fraced					
7979' 7984' 7989' 7994' 7990'						with 10,000 gal pad followed					
7980' 7985' 7990' 7995' 8000'						with 50,000# 40/60 sand					
33. PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)			
N/A		Flowing						Shut-In			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO				
6-27-80	3	2"x.750"	→	-	CV4119MCFD	-	-				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)					
2866 psig	2871 psig	→	-	AOF 4085 MCFD	-	-					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							TEST WITNESSED BY				
Now waiting on Pipeline Connection											
35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED		Donna Brace				TITLE		Production Clerk		DATE July 2, 1980	

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

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 as 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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota			SS: Lt gray, med gr, Calc cmt, firm well sorted sub rd.	Cliff House Point Look Out GreenHorn Graneros Dakota	5480' 5691' 7700' 7746' 7970'	Same Same Same Same Same