

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 _____		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 820' FSL & 820' FEL At top prod. interval reported below Same as above At total depth Same as above		9. WELL NO. #31	
14. PERMIT NO. API# 30-039-22110 6-29-79		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUNDED 11-22-79		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 35 T31N R6W	
16. DATE T.D. REACHED 12-8-79		12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 6-27-80		13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6406' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7928'		21. PLUG, BACK T.D., MD & TVD 7880'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 7802' - 7824' (Total of 23 holes)		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR Induction & Comp Density - CCL/GR 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
9-5/8"	36#	377'	12-1/4"
7"	20#	3788'	8-3/4"
4-1/2"	10.5# & 11.6#	7928'	6-1/4"
CEMENTING RECORD			
275 sks C1 "B"			
160 sks			
345 sks C1 "B"			
AMOUNT PULLED 5 bbls			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	7815'		
31. PERFORATION RECORD (Interval, size and number)			
7802'	7807'	7812'	7817'
7803'	7808'	7813'	7818'
7804'	7809'	7814'	7819'
7805'	7810'	7815'	7820'
7806'	7811'	7816'	7821'
(23 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7802'-7824'		500 gal 7-1/2% HCl fraced	
		w/ 10,000 gal pad treated wtr	
		followed with 50,000# 40/60	
		sand.	
33. PRODUCTION			
DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut In			
DATE OF TEST 6-26-80	HOURS TESTED 3	CHOKE SIZE 2"X.750"	PROD'N. FOR TEST PERIOD →
OIL—BBL. -		GAS—MCF. CV3770 MCFD	
WATER—BBL. -		GAS-OIL RATIO -	
FLOW. TUBING PRES. 2957 psig	CASING PRESSURE 2961 psig	CALCULATED 24-HOUR RATE →	OIL—BBL. -
GAS—MCF. AOF 4190 MCFD		WATER—BBL. -	
OIL GRAVITY-API (CORR.) -			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Now waiting on Pipeline Connection.			
TEST WITNESSED BY			
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 <u>Donna Brace</u>		TITLE <u>Production Clerk</u>	
Donna Brace		DATE <u>July 2, 1980</u>	

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

NM3001

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 33.

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.
Dakota			SS: Lt gray, med, gr calc cmt, firm well sub rd

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Cliffhouse -	5346'	same
PointLook Out -	5626'	same
Greenhorn.	7640'	same
Graneros	7698'	same
Dakota	7816'	same