

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R356.5.

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 29-5 Unit	
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, New Mexico 87401						8. FARM OR LEASE NAME San Juan 29-5 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1835' FSL & 1020' FEL At top prod. interval reported below same At total depth same						9. WELL NO. 13A	
14. PERMIT NO. _____ DATE ISSUED _____						12. COUNTY OR PARISH Rio Arriba	
						13. STATE New Mexico	
15. DATE SPUDDED 1-25-78	16. DATE T.D. REACHED 2-1-78	17. DATE COMPL. (Ready to prod.) 3-23-78	18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 6698' GR		19. ELEV. CASINGHEAD		
20. TOTAL DEPTH, MD & TVD 6040'	21. PLUG, BACK T.D., MD & TVD 6002'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS all	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde; 5476'-5898'					25. WAS DIRECTIONAL SURVEY MADE no		
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Neutron & CCL					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"	32.3#	195'	12-1/4"	125 sks		3 bbls	
7"	20.0#	3920'	8-3/4"	150 sks		-	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
4-1/2"	3748'	6038'	210		SIZE	DEPTH SET (MD)	
					2-3/8"	5913'	
					PACKER SET (MD) none		
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
5476	5500	5570	5618	5824	5852		
5480	5504	5592	5706	5828	5860		
5484	5508	5606	5712	5832	5866		
5488	5526	5610	5738	5844	5894		
5492	5548	5614	5768	5848	5898		
				DEPTH INTERVAL (MD)			
				5476'-5898'			
				30 holes			
				Pumped 1000 gal 7 1/2% HCl. Dropped 50 balls. Pumped 10,000 gal pad. Fraced w/ 100,000# 20/40 sd @ 1 1/2 ppg in slick wtr.			
33.* PRODUCTION							
DATE FIRST PRODUCTION -		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-in		
DATE OF TEST 3-23-78	HOURS TESTED 3 hrs	CHOKE SIZE 0.750"	PROD'N. FOR TEST PERIOD →	OIL—BBL. -	GAS—MCF. CV 1800	WATER—BBL. -	
FLOW. TUBING PRESS. 147 psig	CASING PRESSURE 421 psig	CALCULATED 24-HOUR RATE →	OIL—BBL. -	GAS—MCF. AOF 267	WATER—BBL. -	GAS-OIL RATIO -	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 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 <u>Barbara C. Key</u>		TITLE <u>Production Clerk</u>		DATE <u>Mar 29, 1978</u>			

*(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 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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Mesa Verde			Ss. 1t to med gry, silty in part, fn to med gr, interbedded w/ siltstone, 1t to dk gry carbonaceous shale.	Cliff House Menefee Pt. Lookout PBD TD	5424' 5510' 5798' 6002' 6040'	same same same same same