

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 _____ JUN 3 1977
2. NAME OF OPERATOR Northwest Pipeline Corporation					
3. ADDRESS OF OPERATOR P.O. Box 90 - Farmington, New Mexico 87401					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1500' FNL & 1460' FWL At top prod. interval reported below As above At total depth As above					
		14. PERMIT NO.		DATE ISSUED	
7. UNIT AGREEMENT NAME San Juan 29-5 Unit		8. FARM OR LEASE NAME San Juan 29-5 Unit			
9. WELL NO. 22A		10. FIELD AND POOL, OR WELL AT Blanco Mesa Verde			
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8, T29N, R5W		12. COUNTY OR PARISH Rio Arriba		13. STATE N.M.	
15. DATE STEUDED 6-7-77	16. DATE T.D. REACHED 6-13-77	17. DATE COMPL. (Ready to prod.) 6-24-77	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6619' GR	19. ELEV. Casing Head	
20. TOTAL DEPTH, MD & TVD 5890'	21. PLUG, BACK T.D., MD & TVD 5851'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS All	CASE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde					25. WAS SECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Induction & Density					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	228	12 1/4"	125 sks.	
7"	20	3899	8 3/4"	150 sks.	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
4 1/2"	3728	5886	210		
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5440'	5552'	5672'	5766'	5802'	25 holes .32"
5446'	5568'	5704'	5772'	5810'	
5454'	5576'	5716'	5778'	5816'	
5536'	5584'	5752'	5784'	5824'	
5544'	5666'	5760'	5794'	5830'	
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 6-24-77	HOURS TESTED 3 hours	CHOKE SIZE 48/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. CV 4237	GAS—MCF. AOF 8043
FLOW. TUBING PRESS. 212	CASING PRESSURE 511	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 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>A. H. [Signature]</u> Sr. Drilling Engineer				DATE	

*** (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 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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Mesa Verde			SS. Buff to light gry., silty in part, fine to medium grained, interbedded with siltstone, shale, and coal.	Ojo Alamo		Same 2767
				Kirtland		" 2917
				Fruitland		" 3234
				Pictuted Cliffs		" 3547
				Lewis		" 3699
				Cliff House		" 5431
				Menefee		" 5461
				Point Lookout		" 5745
				T.D.		" 5890