

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

(See other instructions 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 _____				
b. TYPE OF COMPLETION:									
NEW WELL ☒		WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐				
Other _____									
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 970' FWL & 1450' FSL									
At top prod. interval reported below As above									
At total depth As above									
14. PERMIT NO.			DATE ISSUED						
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)					
7/20/75		7/31/75		8/12/75					
18. ELEVATIONS (DF, REP, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
6409' GR		6409'							
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*					
7945'		7936'							
23. INTERVALS DRILLED BY					24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				
All					7794'-7924' Dakota				
25. WAS DIRECTIONAL SURVEY MADE					No				
26. TYPE ELECTRIC AND OTHER LOGS RUN					27. WAS WELL CORED				
Induction & Gamma Density					No				
28. CASING RECORD (Report all strings set in well)									
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED				
9 5/8"	36	301'	13 3/4"	280 SX.					
7"	20	3567'	8 3/4"	165 SX.					
4 1/2"	10.5 & 11.6	7945'	6 1/4"	385 SX.					
29. LINER RECORD			30. TUBING RECORD						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	SACKS SET (MD)		
					2 3/8	7900'			
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
7794'-7924' w/10; 0.43" holes				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td>7794'-7924'</td> <td>800 gal. 7 1/2% HCL w/14 ball sealers. Fractured w/30,000 gal. gelled water and 43,000# 40/60 sand.</td> </tr> </table>		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	7794'-7924'	800 gal. 7 1/2% HCL w/14 ball sealers. Fractured w/30,000 gal. gelled water and 43,000# 40/60 sand.
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7794'-7924'	800 gal. 7 1/2% HCL w/14 ball sealers. Fractured w/30,000 gal. gelled water and 43,000# 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)				
		Flowing			Shut-in				
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.				
8/19/75	3 hours	0.750 variable	→		CV-1610				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.				
225 psig	572 psig	→		AOF-1671					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY				
Shut-in waiting for pipeline connection					U. S. GEOLOGICAL SURVEY				
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 D. H. Maroncelli		TITLE Petroleum Engineer		DATE 8/20/75					

*(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; CORRED 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	7794'	7924'	SS: Lt. Gry., Med., Gr., Cale., Cmt., firm, well sorted, sub rounded	Ojo Alamo	2632'	Same
				Kirtland	2720'	"
				Fruitland	3030'	"
				Picture Cliff	3190'	"
				Lewis	3399'	"
				Mesa Verde	5419'	"
				Point Lookout	5614'	"
				Mancos	5899'	"
				Gallup	6724'	"
				Greenhorn	7614'	"
				Graneros	7664'	"
				Dakota	7794'	"
				T. D.	7945'	"