

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-078739																															
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 30-5 Unit																															
3. ADDRESS OF OPERATOR P.O. Box 90 Farmington, NM 87401				8. FARM OR LEASE NAME San Juan 30-5 Unit																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1130 FSL & 1820' FWL At top prod. interval reported below At total depth as above				9. WELL NO. 40																															
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde																															
				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 33, T30N, R5W, NMPM																															
15. DATE SPUDDED 10-19-74		16. DATE T.D. REACHED 10-30-74		12. COUNTY OR PARISH Rio Arriba																															
17. DATE COMPL. (Ready to prod.) 11-4-74		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6322 RKB		13. STATE New Mexico																															
19. ELEV. CASINGHEAD 6310 GR		20. TOTAL DEPTH, MD & TVD 5720' RKB		21. PLUG, BACK T.D., MD & TVD 5675'																															
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		ROTARY TOOLS all																															
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5424-5650 Mesa Verde		25. WAS DIRECTIONAL SURVEY MADE no		26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Induction & Formation Density																															
27. WAS WELL CORED no		28. CASING RECORD (Report all strings set in well)																																	
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9-5/8"</td><td>32.3</td><td>222</td><td>13-3/4</td><td>270 sx</td><td>-</td></tr><tr><td>7"</td><td>23.0</td><td>3594'</td><td>8-3/4</td><td>150 sx</td><td>-</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>						CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9-5/8"	32.3	222	13-3/4	270 sx	-	7"	23.0	3594'	8-3/4	150 sx	-												
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																														
9-5/8"	32.3	222	13-3/4	270 sx	-																														
7"	23.0	3594'	8-3/4	150 sx	-																														
29. LINER RECORD																																			
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SIZE</th><th>TCP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td>4-1/2</td><td>3377</td><td>3716</td><td>200</td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>						SIZE	TCP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	4-1/2	3377	3716	200																					
SIZE	TCP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																															
4-1/2	3377	3716	200																																
30. TUBING RECORD																																			
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2-3/8</td><td>5624</td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>						SIZE	DEPTH SET (MD)	PACKER SET (MD)	2-3/8	5624																									
SIZE	DEPTH SET (MD)	PACKER SET (MD)																																	
2-3/8	5624																																		
31. PERFORATION RECORD (Interval, size and number) 5424-5650 w/96 0.44" holes																																			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																			
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>5424-5650</td><td>500 gal 7-1/2% Hcl - 79,000 gal slick water & 79,000# sand</td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>						DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	5424-5650	500 gal 7-1/2% Hcl - 79,000 gal slick water & 79,000# sand																										
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																																		
5424-5650	500 gal 7-1/2% Hcl - 79,000 gal slick water & 79,000# sand																																		
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 11-12-74	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. 	GAS—MCF. CV=3335 MCF/D																														
WATER—BBL. 	GAS—OIL RATIO 	FLOW. TUBING PRESS. 273 Psia	CASING PRESSURE 627 psia	CALCULATED 24-HOUR RATE →	OIL GRAVITY-API (CORR.) 																														
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) waiting on pipeline connection																																			
35. TEST WITNESSED BY 																																			
36. LIST OF ATTACHMENTS 																																			
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																			
SIGNED <u>O.B. Whitcomb</u>		TITLE Production & Drilling Engineer		DATE 11-13-74																															

*(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: "Seals 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 POREOUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Point Lookout	5420'	5600'	Sandstone fine-medium grained, buff-gray interbedded with siltstone, shale, & coal	Pictured Cliff	3219'	same
				Lewis	3394'	"
				Cliff House	4320'	"
				Menefee	5153'	"
				Point Lookout	5420'	"