

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 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, N.M. 87499		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 1730 FEL & 1840 FSL NW/SE At top prod. interval reported below 1730 FEL & 1840 FSL At total depth 1730 FEL & 1840 FSL		9. WELL NO. #84	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Blanco MV / Gobernador PG-exp	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 33, T30N, R5W	
15. DATE SPUDDED 8-28-82		12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 9-7-82		13. STATE N.M.	
17. DATE COMPL. (Ready to prod.) 10-8-82		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6652' KB	
19. TOTAL DEPTH, MD & TVD 5982' KB		19. ELEV. CASINGHEAD 6638' GR	
20. PLUG BACK T.D., MD & TVD 5959' KB		20. INTERVALS DRILLED BY 2	
21. IF MULTIPLE COMPL., HOW MANY* 2		21. ROTARY TOOLS 0' - 5982'	
22. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde 5542' - 5940' 30 holes		22. CABLE TOOLS NO	
23. TYPE ELECTRIC AND OTHER LOGS RUN DIL/SP CNL/FDC/GR IEL/GR CDL/LPN/GR GR/CCL		23. WAS DIRECTIONAL SURVEY MADE YES	
24. WAS WELL CORED NO		24. WAS WELL CORED NO	
25. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	32.3#	231' KB	13-1/2"
7"	20#	3920' KB	8-3/4"
26. CEMENTING RECORD			
		208 cu.ft C1 B 3% CaCl ₂	
		197 cu.ft CT B 65/35 poz	
		118 cu.ft C1 B 2% CaCl ₂	
27. AMOUNT PULLED 5 bbls			
28. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4-1/2"	3732'	5982'	394 cu.ft
29. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	5843'		
30. PERFORATION RECORD (Interval, size and number)			
5542', 5558', 5606', 5628', 5636', 5644', 5652', 5676', 5740', 5750', 5758', 5840', 5844', 5848', 5852', 5856', 5860', 5864', 5868', 5872', 5876', 5880', 5884', 5888', 5902', 5908', 5914', 5920', 5927', 5940', Total 30 .35" holes		31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5542'-5940'		SWF w/ total fluid of 118,270 gallons followed by 100,000# 20/40 sand.	
32. PRODUCTION			
DATE FIRST PRODUCTION 10-8-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Shut in			
DATE OF TEST 10-21-82	HOURS TESTED 3 hrs	CHOKE SIZE 2" X.750"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 0	GAS—MCF. 477 MCF	WATER—BBL. -	GAS-OIL RATIO -
FLOW, TUBING PRESS. 252 psig	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE →	OIL—BBL. -
GAS—MCF. AOF 4076 MCFD	WATER—BBL. -	OIL GRAVITY-API (CORR.) -	
33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Waiting on pipeline connection to be sold			
TEST WITNESSED BY Fred S. Hamrick			
34. LIST OF ATTACHMENTS			
35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Paul C. Thompson</u>		TITLE <u>Drilling Engineer</u>	
DATE <u>11-10-82</u>		DATE <u>DEC 01 1982</u>	

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

PCT:dib

NMOCC

FARMINGTON DISTRICT

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: "Struck 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; CURED 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
San Jose	Surface	2647'		San Jose	Surface	
Ojo Alamo	2647' EL	3133'		Ojo Alamo	2467'	Same
Kirtland	3133' EL	3213'		Kirtland	3133'	Same
Fruitland	3213' EL	3583'		Fruitland	3213'	Same
Pictured Cliffs	3583' EL	3717'		Pictured Cliffs	3583'	Same
Lewis	3717' EL	5473'		Lewis	3717'	Same
Cliff House	5473' EL	5529'		Cliffhouse	5473'	Same
Menefee	5529' EL	5781'		Menefee	5529'	Same
Point Lookout	5781' EL	5980'		Point Lookout	5781'	Same
Total Depth	5980' EL			Total Depth	5980'	