

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(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 ☐	5. LEASE DESIGNATION AND SERIAL NO. SF 079401
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Northwest Pipeline Corporation	7. UNIT AGREEMENT NAME San Juan 31-6 Unit
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87499	8. FARM OR LEASE NAME San Juan 31-6 Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 970 FNL & 950 FWL NW/NW At top prod. interval reported below 970 FNL & 950 FWL At total depth 970 FNL & 950 FWL	9. WELL NO. #40
14. PERMIT NO. BUREAU DATE ISSUED FARMINGTON RESOURCE AREA	10. FIELD AND POOL, OR WILDCAT Basin Dakota
	11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 1, T30N, R6W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE N.M.

15. DATE SPUNDED 12-17-83	16. DATE T.D. REACHED 12-28-83	17. DATE COMPL. (Ready to prod.) 1-8-84	18. ELEVATIONS (DF, RESB, RT, GR, ETC.)* 6433' KB	19. ELEV. CASINGHEAD 6421' GR
20. TOTAL DEPTH, MD & TVD 7977'	21. PLUG BACK T.D., MD & TVD 7950'	22. IF MULTIPLE COMPL., HOW MANY? Single	23. INTERVALS DRILLED BY ROTARY TOOLS 0'-7977'	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 7812' - 7830' (19 holes)				25. WAS DIRECTIONAL SURVEY MADE YES
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL/ SNP/CDL/GR GR/CC1				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
SEE ATTACHMENT FOR CEMENT AND CASING RECORD					

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7797'	

31. PERFORATION RECORD (Interval, size and number) 7812', 7813', 7814', 7815', 7816', 7817', 7818', 7819', 7820', 7821', 7822', 7823', 7824', 7825', 7826', 7827', 7828', 7829', 7830'. Total 19 .37" holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7812'-7830' AMOUNT AND KIND OF MATERIAL USED SWF w/ 2000 bbls fluid followed by 40,000# 40/60 sand and 10,000# 20/40 sand
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33.* PRODUCTION							
DATE FIRST PRODUCTION 1-8-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST 1-31-84	HOURS TESTED 3 hrs	CHOKE SIZE 2" X.750"	PROD'N. FOR TEST PERIOD →	OIL—BBL. -	GAS—MCF. 180	WATER—BBL. -	GAS-OIL RATIO -
FLOW. TUBING PRESS. 78	CASING PRESSURE 334	CALCULATED 24-HOUR RATE →	OIL—BBL. -	GAS—MCF. (1144) MCF/131	WATER—BBL. -	OIL GRAVITY-API (CORR.) -	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Waiting on Pipeline connection to be sold						TEST WITNESSED BY Chik Charley	

35. LIST OF ATTACHMENTS Cement and casing record		ACCEPTED FOR RECORD
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		
SIGNED B. Milleson for PCT Paul C. Thompson	TITLE Sr Drlg Engineer	DATE FEB 12 1984

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

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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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2415' est	2524'	Ojo Alamo	2415'	
Kirtland	2524' est	2874'	Kirtland	2524'	
Fruitland	2874' est	3266'	Fruitland	2874'	
Pictured Cliffs	3266' est	3563'	Pictured Cliffs	3266'	
Lewis	3563' est	5366'	Lewis	3563'	
Cliff House	5366' est	5627'	Cliff House	5366'	
Point Lookout	5627' est	7630'	Point Lookout	5627'	
Greenhorn	7630' EL	7681'	Greenhorn	7630'	
Graneros	7681' EL	7802'	Graneros	7681'	
Dakota	7802' EL		Dakota	7802'	
	.		Total Depth	7977'	

San Juan 31-6 Unit #40 (Cont'd)

Hole Size 12-1/4"

9-5/8", 32.3# & set at 371' KB.

Cmt'd w/ 275 sx (327 cu.ft) Cl "B" w/ 1/4# flo-cele/sk & 3% CaCl₂. Circ 5 bbls.

Hole Size 8-3/4"

7", 20# & set at 3772' KB.

Cmt'd w/ 135 sx (296 cu.ft) Cl "B" 65/35 poz w/ 12% gel. Tailed in w/ 75 sx (89 cu.ft)

Cl "B" w/ 2% CaCl₂

Hole Size 6-1/4"

4-1/2", 11.6# & set at 7977' KB.

Cmt'd w/ 250 sx (543 cu.ft) Cl "B" w/ 8% gel & 12-1/2# fine gils/sk & 0.4% retarder.

Tailed in w/ 100 sx (118 cu.ft) Cl "B" w/ 1/4# fine tuf-plug/sk & 0.4% retarder.

B. Milleson for PCT
Paul C. Thompson

Sr. Drilling Engineer
Title

2-6-84
Date

djb/

RECEIVED

FEB 15 1984

OIL CON. DIV.
DIST. 3