

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME	
Northwest Pipeline Corporation						San Juan 30-5 Unit	
3. ADDRESS OF OPERATOR						8. FARM OR LEASE NAME	
P.O. Box 90, Farmington, New Mexico 87499						San Juan 30-5 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements)						9. WELL NO.	
At surface 790 FNL & 890 FEL NE/NE						#93	
At top prod. interval reported below 790 FNL & 890 FEL						10. FIELD AND POOL, OR WILDCAT	
At total depth 790 FNL & 890 FEL						Basin Dakota	
14. PERMIT NO.						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
DATE ISSUED						12. COUNTY OR PARISH	
F. M.						Rio Arriba	
						13. STATE	
						N.M.	

15. DATE SPURD	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKE, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-19-83	4-28-83	5-20-83 & 5-26-83	7128' KB	7115' GR
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	24. ROTARY TOOLS
8526'	8497'	Single	10' - 8526'	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				25. WAS DIRECTIONAL SURVEY MADE
Dakota 8411' - 8423' & 8447' - 8449				YES
26. TYPE ELECTRIC AND OTHER LOGS RUN				W.S. V. L. CORED
GR/IEL CDL/SNL GR/CCI				NO

25. CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENT DIV.
SEE CEMENTING AND CASING ATTACHMENT				DIST. 3

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"	8377'	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
8411', 8412', 8413', 8414', 8415', 8416', 8417', 8418', 8419', 8420', 8421', 8422', 8423', 8447', 8448', 8449'				DEPTH INTERVAL (MD)			
Total 16 .37" holes				AMOUNT AND KIND OF MATERIAL USED			
				8411'-8423' & 8447'-8449'			
				SWF w/ 3714 bbls fluid followed by 40,000# 60/40 sand & 32,860# 20/40 sand			

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5-20-83 & 5-26-83		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-28-83	3 hrs	2" X .750"	→	-	217	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
73 psig	382 psig	→	-	1082	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Vented - Waiting on Pipeline Connection to be sold						ACCEPTED FOR RECORD	

35. LIST OF ATTACHMENTS			
CEMENTING AND CASING ATTACHMENT			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>Paul C. Thompson</i>		TITLE Sr. Drlg Engineer	
Paul C. Thompson		DATE JUL 20 1983	

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

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

BY

SMAN

NMOCC

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: "Seals Cemented": 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	3185' est	3430'		Ojo Alamo	3185'	Same
Kirtland	3430' est	3630'		Kirtland	3430'	Same
Fruitland	3630' est	3883'		Fruitland	3630'	Same
Pictured Cliffs	3883' est	4187'		Pictured Cliffs	3883'	Same
Lewis	4187' est	5965'		Lewis	4187'	Same
Cliff House	5965' est	6247'		Cliff House	5965'	Same
Point Lookout	6247' est	8228'		Point Lookout	6247'	Same
Greenhorn	8228' EL	8277'		Greenhorn	8228'	Same
Graneros	8277' EL	8401'		Graneros	8277'	Same
Dakota	8401' EL			Dakota	8401'	Same
				Total Depth	8526'	Same

Casing and Cementing Report
San Juan 30-5 Unit #93
Page #2

Hole Size 12-1/4"

9-5/8", 36#, set at 368'

Cmt'd w/ 250 sx (295 cu.ft) C1 B w/ 1/4# gel flake/sx & 3% CaCl_2 . Circ out
15 bbls cnt.

Hole Size 8-3/4"

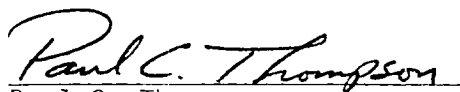
7", 20#, & ²³20# & set at 4390' KB.

Cmt'd w/ 120 sx (263 cu.ft) 65/35 poz w/ 12% gel & 75 sx (89 cu.ft) C1 B w/ 2% CaCl_2

Hole Size 6-1/4"

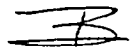
4-1/2", 11.6#, & 10.5#, & set at 8526'.

Cmt'd w/ 250 sx (542 cu.ft) C1 "B" w/ 8% gel and 12-1/2# fine gils/sx & 0.4%
retarder. Tailed w/ 100 sx (118 cu.ft) C1 B w/ 1/4# fine tuf-plug/sx & 0.4%
retarder


Paul C. Thompson

Sr. Drilling Engineer
Title

7-1-83
Date



djb/ 7-1-83