

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 ☐	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, N.M. 87499															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1580 FNL & 810 FEL SE/NE At top prod. interval reported below 1580 FNL & 810 FEL A: total depth 1580 FNL & 810 FEL															
14. PERMIT NO.				DATE ISSUED MAR 09 1984											
BUREAU OF LAND MANAGEMENT															
15. DATE SPUDDED 1-26-84		16. DATE T.D. REACHED 2-3-84		17. DATE COMPL (Ready to prod.) 2-7-84		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6868' KB		19. ELEV. CASINGHEAD 6856' GR							
20. TOTAL DEPTH, MD & TVD 8323'		21. PLUG, BACK T.D., MD & TVD 8300'		22. IF MULTIPLE COMPL., HOW MANY* Single		23. INTERVALS DRILLED BY → 0'-8323'		ROTARY TOOLS CABLE TOOLS							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 8176'-8190' & 8211'-8214'								25. WAS DIRECTIONAL SURVEY MADE YES							
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/IEL SNL/CDL GR/CCI								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 CASING & CEMENTING 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"		8173'			
31. PERFORATION RECORD (Interval, size and number) 8176', 8177', 8178', 8179', 8180', 8181', 8182', 8183', 8184', 8185', 8186', 8187', 8188', 8189', 8190', 8211', 8212', 8213', 8214'										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
Total 19 .37" holes										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										8176'-8190' & 8211'-8214'		SWF w/ 2170 bbls treated fluid followed by 50,000# 40/60 sand and 10,000# 20/40 sand			
33.* PRODUCTION															
DATE FIRST PRODUCTION 2-7-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) SI							
DATE OF TEST 2-27-84		HOURS TESTED 3 hrs		CHOKE SIZE 2" X.750"		PROD'N. FOR TEST PERIOD →		OIL—BBL. -		GAS—MCF. 194		WATER—EBL. -		GAS-OIL RATIO -	
FLOW. TUBING PRESS. 85		CASING PRESSURE 348		CALCULATED 24-HOUR RATE →		OIL—BBL. -		GAS—MCF. Q=1225 MCFD		WATER—EBL. -		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 Gip Aubert					
35. LIST OF ATTACHMENTS Cementing and Casing and Temperature Survey										ACCEPTED FOR RECORD					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															

SIGNED

Paul C. Thompson
Paul C. Thompson

TITLE Sr. Drlg Engineer

MTR 08-29-84

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

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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: "Nacks 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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2985' est	3080'		Ojo Alamo	2985'	Same
Kirtland	3080' est	3457'		Kirtland	3080'	Same
Fruitland	3457' est	3656'		Fruitland	3457'	Same
Pictured Cliffs	3656' est	3938'		Pictured Cliffs	3656'	Same
Lewis	3938' est	5779'		Lewis	3938'	Same
Cliff House	5779' est	6040'		Cliff House	5779'	Same
Point Lookout	6040' est	8012'		Point Lookout	6040'	Same
Greenhorn	8012' EL	8053'		Greenhorn	8012'	Same
Graneros	8053' EL	8167'		Graneros	8053'	Same
Dakota	8167' EL			Dakota	8167'	Same
				Total Depth	8323'	Same

San Juan 30-5 Unit #97 (Cont'd)

RECEIVED
MAR 29 1984
OIL CON. DIV.
DIST. 3

Hole Size 12-1/4"

9-5/8", 36# & set at 385' KB.

Cmt'd w/ 200 sx (238 cu.ft) C1 "B" w/ 1/4# gel flake/sk & 3% CaCl₂. Circ 2 bbls

Hole Size 8-3/4"

7", 23# & 20# & set at 4167' KB.

Cmt'd w/ 110 sx (241 cu.ft) C1 "B" 65/35 poz w/ 12% gel. Tailed in w/ 75 sx (89 cu.ft)
C1 "B" w/ 2% CaCl₂.

Hole Size 6-1/4"

4-1/2", 11.6# & 10.5# & set at 8323' KB.

Cmt'd w/ 250 sx (543 cu.ft) C1 "B" w/ 8% gel & 12-1/2# fine gils/sk & 0.4% retarder.
Tailed in w/ 100 sx (118 cu.ft) C1 "B" w/ 1/4# fine tuf-plug/sk & 0.4% retarder.

Paul C. Thompson
Paul C. Thompson

Sr. Drlg. Engineer

2-29-84

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