

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.C. Box 90, Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1830 FSL & 1140 FWL NW/SW

At top prod. interval reported below 1830 FSL & 1140 FWL

At total depth 1830 FSL & 1140 FWL

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 1-17-84 16. DATE T.D. REACHED 1-26-84 17. DATE COMPL. (Ready to prod.) 2-3-84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6817' KB 19. ELEV. CASINGHEAD 6805' GR

20. TOTAL DEPTH, MD & TVD 8221' 21. PLUG, BACK T.D., MD & TVD 8200' 22. IF MULTIPLE COMPL., HOW MANY? Single 23. INTERVALS DRILLED BY 0'-8221' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 8100'-8110' & 8132'-8156' 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 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"	8121'	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8100', 8101', 8102', 8103', 8104', 8105', 8106', 8107', 8108', 8109', 8110', 8132', 8134', 8136', 8138', 8140', 8142', 8144', 8146', 8148', 8150', 8152', 8154', 8156'.					
Total 24 .37" holes				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				8100'-8110' & 8132'-8156'	SWF w/ 1958 bbls treated fluid followed by 42,216# 40/60 sand

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2-3-84		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—EBL.	GAS-OIL RATIO
2-21-84	3 hrs	2" X .750"	→	-	242	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—EBL.	OIL GRAVITY-API (CORR.)	
106	425	→	-	Q=1490 MCFD	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Waiting on pipeline Connection to be sold TEST WITNESSED BY Gip Aulbert

35. LIST OF ATTACHMENTS

Cement and Casing Record and Temperature survey ACCEPTED FOR RECORD

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Paul C. Thompson TITLE Sr. Drlg Engineer DATE MAR 20 84 1984

Paul C. Thompson

*(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 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: "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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2934' est	3038'		Ojo Alamo	2934'	Same
Kirtland	3038' est	3415'		Kirtland	3038'	Same
Fruitland	3415' est	3614'		Fruitland	3415'	Same
Pictured Cliffs	3614' est	3896'		Pictured Cliffs	3614'	Same
Lewis	3896' est	5706'		Lewis	3896'	Same
Cliff House	5706' est	5988'		Cliff House	5706'	Same
Point Lookout	5988' est	7916'		Point Lookout	5988'	Same
Greenhorn	7916' EL	7970		Greenhorn	7916'	Same
Graneros	7970' EL	8090'		Graneros	7970'	Same
Dakota	8090' EL			Dakota	8090'	Same
				Total Depth	8221'	Same