

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 <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>										
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>								
2. NAME OF OPERATOR Northwest Pipeline Corporation															
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87401															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1610 FNL & 1100 FWL At top prod. interval reported below 1610 FNL & 1100 FWL At total depth 1610 FNL & 1100 FWL															
14. PERMIT NO. <u>U.S. GEOLOGICAL SURVEY</u> DATE ISSUED <u>APR 2 1982</u>															
15. DATE SPUDDED 8-9-81		16. DATE T.D. REACHED 8-17-81		17. DATE COMPLETED (Ready to prod.) 11-3-81		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6347' KB		19. ELEV. CASINGHEAD 6335' GR							
20. TOTAL DEPTH, MD & TVD 5840'		21. PLUG, BACK T.D., MD & TVD 5720'		22. IF MULTIPLE COMPLET., HOW MANY* 2		23. INTERVALS DRILLED BY ROTARY TOOLS 0' - 5840'		CABLE TOOLS NO							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde 5321' - 5676'								25. WAS DIRECTIONAL SURVEY MADE YES							
26. TYPE ELECTRIC AND OTHER LOGS RUN IES CDL/SNP/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					
9-5/8"		36#		206' KB		12-1/4"		137cu.ft Cl'B' w/ 1/4# gel flake/sx. & 3% CaCl ₂		1 bbl					
7"		20#		3741' KB		8-3/4"		296cu.ft 65/35poz w/ 12% gel, 89cu.ft Cl'B'w/2% CaCl ₂							
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
4-1/2"		3543'		5840'		412cu.ft Cl'B'w/4% gel 612-1/2# gils/sx.		612-1/2# gils/sx.		2-3/8"		5619'		3520'	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
5321' 5442' 5529' 5626' 5323' 5446' 5610' 5630' 5373' 5450' 5614' 5639' 5377' 5454' 5618' 5663' 5438' 5506' 5622' 5676' 20 .37" holes										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										5321'-5676'		SWF w/ 73,100 gal slick and 80,000# 20/40 sand.			
33.* PRODUCTION															
DATE FIRST PRODUCTION 11-1-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Shut in							
DATE OF TEST 11-13-81		HOURS TESTED 3 hrs		CHOKE SIZE 2"X.750"		PROD'N. FOR TEST PERIOD —		OIL—BBL. —		GAS—MCF. CV 365 MCF		WATER—BBL. —		GAS-OIL RATIO —	
FLOW. TUBING PRESS. 217 psig		CASING PRESSURE Pkr		CALCULATED 24-HOUR RATE —		OIL—BBL. —		GAS—MCF. AOF 3306 MCF/D		WATER—BBL. —		OIL GRAVITY-API (COOR.) —			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Controlled - Waiting on Pipeline Connection to be Sold										TEST WITNESSED BY Fred S. Hamrick					
35. LIST OF ATTACHMENTS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.										ACCEPTED FOR RECORD					
SIGNED <u>Paul C. Thompson</u> for <u>F.H. Wood</u>		TITLE <u>Drilg & Prod Manager</u>						DATE <u>April 7, 1982</u>							
* (See Instructions and Spaces for Additional Data on Reverse Side)										APR 9 1982					

FWH:djb 4-7-82

NMOCC

BY [Signature]
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 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 POROSITY 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2235' est	2488'				
Kirtland	2488' est	2946'				
Fruitland	2946' est	3284'				
Pictured Cliffs	3284' EL	3541'				
Lewis	3541' est	5304'				
Cliff House	5304' EL	5364'				
Menefee	5364' EL	5599'				
Point Lookout	5599' EL					
Total Depth	5840'					