

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 ☐				Jicarilla Apache			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐				7. UNIT AGREEMENT NAME			
2. NAME OF OPERATOR Northwest Pipeline Corporation				5. FARM OR LEASE NAME Jicarilla 93			
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87499				9. WELL NO. #12			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1660 FWL & 1850 FNL SE/NW At top prod. interval reported below 1660 FWL & 1850 FNL At total depth 1660 FWL & 1850 FNL				10. FIELD AND POOL, OR WILDCAT Gavilan PC / Blanco MV			
14. PERMIT NO. -				DATE ISSUED -		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec 34, T27N, R3W	
15. DATE SPUDDED 4-21-82		16. DATE T.D. REACHED 4-30-82		17. DATE COMPL. (Ready to prod.) 10-10-82		18. ELEVATIONS (DB, RSB, RT, GR, ETC.) 7164' KB	
19. DATE T.D. REACHED 4-30-82		20. DATE COMPL. (Ready to prod.) 10-10-82		21. ELEVATIONS (DB, RSB, RT, GR, ETC.) 7164' KB		22. ELEV. CASINGHEAD 7152' GR	
23. TOTAL DEPTH, MD & TVD 6225' KB		24. PLUG BACK T.D., MD & TVD 6145' KB		25. IF MULTIPLE COMPL., HOW MANY? 2		26. INTERVALS DRILLED BY 0' - 6225'	
27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Mesa Verde - 6025' - 6088'						28. WAS DIRECTIONAL SURVEY MADE YES	
29. TYPE ELECTRIC AND OTHER LOGS RUN IES Neutron Density GR IES/SNP/CDL/GR GR/CCL						30. WAS WELL CORED NO	
31. 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"	32.3#	223' KB	13-1/2"	208 cu.ft C1 B 1/4#Flocele		5 bbls	
7"	20#	4168' KB	8-3/4"	131 cu.ft C1 B 65/35 poz			
				89 cu.ft C1 B 2% CaCl ₂			
32. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	TUBING RECORD		
4-1/2"	3946'	6225'	403 cu.ft		SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6052'	
33. PERFORATION RECORD (Interval, size and number)							
6025', 6052', 6054', 6056', 6062', 6064', 6066', 6068', 6072', 6074', 6076', 6078', 6080', 6082', 6084', 6086', 6088',				34. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				6025' - 6088'		SWF w/ 2100 bbls fluid followed by 70,000# 20/40 sand.	
Total 17 .37" holes							
35. PRODUCTION							
DATE FIRST PRODUCTION 10-10-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing					
DATE OF TEST 10-19-82		HOURS TESTED 3 hrs		CHORE SIZE 2" X.750"		PROD'N. FOR TEST PERIOD →	
FLOW, TUBING PRESS. 206 psig		CASING PRESSURE Packer		CALCULATED 24-HOUR RATE →		OIL—BBL. 313 MCF	
GAS—MCF.		WATER—BBL.		OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL—BBL.	
GAS—MCF.		WATER—BBL.		OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL—BBL.	
GAS—MCF.		WATER—BBL.		OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL—BBL.	
GAS—MCF.		WATER—BBL.		OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL—BBL.	
GAS—MCF.		WATER—BBL.		OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL—BBL.	
GAS—MCF.		WATER—BBL.		OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL—BBL.	
GAS—MCF.		WATER—BBL.		OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL—BBL.	
GAS—MCF.		WATER—BBL.		OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL—BBL.	
GAS—MCF.		WATER—BBL.		OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL—BBL.		GAS—MCF.		WATER—BBL.	
OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL—B	

ACCEPTED FOR RECORD

39. 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 Drilling Engineer

DATE NOV 23 1982

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

FARMINGTON DISTRICT

DV *[Signature]*

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: "Stuck Column": 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	3282' EL	3364'		Ojo Alamo	3282'	Same
Kirtland	3364' EL	3530'		Kirtland	3364'	Same
Fruitland	3530' EL	3843'		Fruitland	3530'	Same
Pictured Cliffs	3843' EL	4008'		Pictured Cliffs	3843'	Same
Lewis	4008' EL	5662'		Lewis	4008'	Same
Cliff House	5662' EL	5720'		Cliff House	5662'	Same
Menefee	5720' EL	6048'		Menefee	5720'	Same
Point Lookout	6048' EL			Point Lookout	6048'	Same
				Total Depth	6225'	