

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 ☐				5. LEASE DESIGNATION AND SERIAL NO. NM 012735	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Northwest Pipeline Corporation				7. UNIT AGREEMENT NAME San Juan 31-6 Unit	
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, N.M. 87499				8. FARM OR LEASE NAME San Juan 31-6 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1200 FNL & 1865 FWL NE/NW At top prod. interval reported below 1200 FNL & 1865 FWL At total depth 1200 FNL & 1865 FWL				9. WELL NO. #8A	
14. PERMIT NO. DATE ISSUED -				10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
15. DATE SPUDDED 8-14-82				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 6, T30N, R6W	
16. DATE T.D. REACHED 8-23-82				12. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 10-11-82				13. STATE N.M.	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6243' KB				19. ELEV. CASINGHEAD 6229' GR	
20. TOTAL DEPTH, MD & TVD 5600'				21. PLUG, BACK T.D., MD & TVD 5550'	
22. IF MULTIPLE COMPL., HOW MANY?				23. INTERVALS DRILLED BY ROTARY TOOLS 0' - 5660' CABLE TOOLS NO	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Mesa Verde 5088' - 5500'				25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES SNL/FDC/GR logs. 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
9-5/8"	36#	382' KB	13-3/4"	384 cu.ft C1 B 1/4# gel	20 bbls
7"	20#	3515' KB	8-3/4"	241 cu.ft C1 B 65/35 poz	
				89 cu.ft C1 B 2% CaCl ₂	
29. LINER RECORD					
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)	Packer Set (MD)
4-1/2"	3324'	5597'	403 cu.ft		
30. TUBING RECORD					
Size	Depth Set (MD)	Packer Set (MD)			
2-3/8"	5410'				
31. PERFORATION RECORD (Interval, size and number)					
5088', 5110', 5116', 5122', 5144', 5150', 5179', 5242', 5260', 5266', 5310', 5386', 5390', 5394', 5398', 5402', 5406', 5420', 5424', 5428', 5432', 5440', 5452', 5458', 5466', 5471', 5490', 5495', 5500', total 29 .35"					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
Depth Interval (MD)		Amount and Kind of Material Used			
5088'-5500'		SWF w/ total fluid of 2199 bbls followed by 100,000# 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)
10-11-82		Flowing			Shut in
Date of Test	Hours Tested	Choke Size	Prod'n. for Test Period	Oil—BBL.	Gas—MCF.
10-22-82	3 hrs	2"X.750"		-	383 MCF
Flow. Tubing Press.	Casing Pressure	Calculated 24-hour Rate	Oil—BBL.	Gas—MCF.	Water—BBL.
208 psig	523 psig		-	AOF 3880 MCF	-
34. Disposition of Gas (Sold, used for fuel, vented, etc.)					Test Witnessed By
Vented - Waiting on Pipeline Connection to be sold					B.J. Broughton
35. LIST OF ATTACHMENTS					

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

SIGNED Paul C. Thompson TITLE Drilling Engineer
Paul C. ThompsonDATE November 4, 1982
NOV 23 1982

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

ACCEPTED FOR RECORD
FARMINGTON DISTRICT
BY Supha Olson

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 23, 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 Concept": 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2184' Est	2494'		Ojo Alamo	2184'	Same
Kirtland	2494' Est	2866'		Kirtland	2494'	Same
Fruitland	2866' Est	3172'		Fruitland	2866'	Same
Pictured Cliffs	3172' Est	3315'		Pictured Cliffs	3172'	Same
Lewis	3315' Est	5078'		Lewis	3315'	Same
Cliff House	5078' El	5122'		Cliff House	5078'	Same
Menefee	5122' El	5380'		Menefee	5122'	Same
Point Lookout	5380' El			Point Lookout	5380'	Same
				Total Depth	5600'	