

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. Jicarilla Contract #92	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Northwest Pipeline Corporation				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, New Mexico 87499				8. FARM OR LEASE NAME Jicarilla 92	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1800 FNL & 1490 FEL SW/NE At top prod. interval reported below 1800 FNL & 1490 FEL At total depth 1800 FNL & 1490 FEL				9. WELL NO. #11	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUDDED 4-14-82				16. DATE T.D. REACHED 4-20-82	
17. DATE COMPL. (Ready to prod.) 12-7-82				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7275' KB	
19. ELEV. CASINGHEAD 7263' GR				20. TOTAL DEPTH, MD & TVD 4237'	
21. PLUG, BACK T.D., MD & TVD 4200'				22. IF MULTIPLE COMPL., HOW MANY* Single	
23. INTERVALS DRILLED BY ROTARY TOOLS 0' - 4237'				CABLE TOOLS NO	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs 4078' - 4124'				25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES GR/CNL/FDC GR/CCL				27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#		123' KB	
2-7/8"		6.5#		4237' KB	
HOLE SIZE		CEMENTING RECORD		AMOUNT FULLED	
12-1/4"		119 cu.ft C1 B - 3% CaCl ₂		6 bbls	
6-3/4"		144 cu.ft 65/35 poz 12% gel			
		198 cu.ft C1 B - 6% gel			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
		TUBINGLESS COMPLETION			
31. PERFORATION RECORD (Interval, size and number)					
4078', 4084', 4090', 4096', 4102', 4106', 4110', 4118', 4124',					
Total 9 holes					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4078'-4124'		SWF w/ 55,000 gal treated fluid (2-1/2# FR/1000 gal) followed by 50,000# 10/20 sand			
33.* PRODUCTION					
DATE FIRST PRODUCTION 12-7-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) DIST. 3 Flowing		WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 12-15-82		HOURS TESTED 3 hrs		CHOKE SIZE 2" X .750"	
PROD'N. FOR TEST PERIOD Flowing		OIL—BBL. -		GAS—MCF. 154 MCF	
WATER—BBL. 0		GAS-OIL RATIO 0			
FLOW. TUBING PRESS. Tubingless		CASING PRESSURE 82 psig		CALCULATED 24-HOUR RATE AOF 1116 MCFD	
OIL—BBL. -		GAS—MCF. -		WATER—BBL. -	
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 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					

SIGNED

Paul C. Thompson

TITLE Drilling Engineer

DATE JAN 20 1983

Paul C. Thompson

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

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: "Seals Cemented": 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	3453' est	3556'		Ojo Alamo	3453'	
Kirtland	3556' est	3676'		Kirtland	3556'	
Fruitland	3676' EL	4034'		Fruitland	3676'	
Pictured Cliffs	4034' EL			Pictured Cliffs	4034'	
				Total Depth	4237'	