

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-11355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. FARM OR LEASE NAME Jicarilla 93	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		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 87401		8. FARM OR LEASE NAME Jicarilla 93	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1810' FSL & 1035' FWL At top prod. interval reported below As Above At total depth As Above		9. WELL NO. 10	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Tapacito Pictured Cliffs	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 32, T27N, R3W	
15. DATE SPUDDED 9-18-75		12. COUNTY OR PARISH Rio Arriba	
16. DATE T.D. REACHED 10-15-75		13. STATE N.M.	
17. DATE COMPL. (Ready to prod.) 11-19-75		18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 7159' GR	
19. ELEV. CASINGHEAD 7159'		20. TOTAL DEPTH, MD & TVD 4158'	
21. PLUG, BACK T.D., MD & TVD 4133'		22. IF MULTIPLE COMPLET., HOW MANY*	
23. INTERVALS DRILLED BY All		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3914' to 3938' & 3968' to 3976' Pictured Cliffs DEC 1975	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electric and Compensated Density	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
8 5/8"		24	
2 7/8"		6.4	
Depth Set (MD)		Hole Size	
123'		12 1/4"	
4141'		6 3/4"	
Cementing Record		Amount Pulled	
90 SXS.		---	
120 SXS.		---	
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
Top (MD)		Depth Set (MD)	
Bottom (MD)		Packer Set (MD)	
Sacks Cement*		Tubingless Completion	
Screen (MD)			
31. PERFORATION RECORD (Interval, size and number) 3914' to 3938' 3968' to 3976' w/24, 0.30" holes per zone		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth Interval (MD) 3914'-3938' 3968'-3976' Amount and Kind of Material Used Acidized w/250 gal. 15% HCl Fractured w/30,000 gal. treated water and 25,000# 10/20 sand.	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Waiting on Pipeline Connection	
DATE FIRST PRODUCTION		TEST WITNESSED BY	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow			
WELL STATUS (Producing or shut-in) Shut-in			
DATE OF TEST 11-26-75		HOURS TESTED 3	
CHOKE SIZE 3/4		PROD'N. FOR TEST PERIOD 1338	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		OIL GRAVITY-API (CORR.)	
FLOW. TUBING PRESS.		Casing Pressure 101 PSIG	
CALCULATED 24-HOUR RATE		AOF 1363	
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 D.H. Maroncelli		TITLE Production Engineer	
DATE 12-3-75			

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

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: "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
Pictured Cliffs	3900'		SS. Lgt gry, fine to medium grained, S&P, WS & R, SL calc.	Ojo Alamo Kirtland Fruitland Pictured Cliffs T.D.	3400' 3608' 3695' 3900' 4158'	Same " " " "