

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 _____				5. LEASE DESIGNATION AND SERIAL NO. SF 078343	
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 _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Northwest Pipeline Corporation				7. UNIT AGREEMENT NAME San Juan 29-5 Unit	
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, New Mexico 87401				8. FARM OR LEASE NAME San Juan 29-5 Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1810' FNL & 1850' FWL At top prod. interval reported below As above At total depth As above				9. WELL NO. 18A	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
15. DATE SPUNDED 5-1-77 16. DATE T.D. REACHED 5-8-77 17. DATE COMPL. (Ready to prod.) 5-23-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6729' GR 19. ELEV. CASINGHEAD _____				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 5, T29N, R5W	
20. TOTAL DEPTH, MD & TVD 6091' 21. PLUG, BACK T.D., MD & TVD 6058' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS All CABLE TOOLS _____				12. COUNTY OR PARISH Rio Arriba	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5578' to 5976' Mesa Verde				13. STATE N.M.	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Neutron				25. WAS DIRECTIONAL SURVEY MADE No	
27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9 5/8"		32.3		221'	
7"		20		4040'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
4 1/2"		3880'		6087'	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"		5977'		None	
31. PERFORATION RECORD (Interval, size and number) One shot at: 5578', 5586', 5592', 5598', 5604', 5610', 5630', 5658', 5664', 5672', 5726', 5766', 5854', 5896', 5902', 5908', 5920', 5926', 5932', 5938', 5944', 5958', 5964', 5970', 5976'. Size: 0.32" holes					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5578' - 5976'		1500 gal. 7 1/2% HCl. Fraced w/60,000# 20/40 sand and 70,000 gal. slick water.			
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 5/23/77		HOURS TESTED 3 hrs.		CHOKE SIZE 48/64	
FLOW. TUBING PRESS. 166 PSIG		CASING PRESSURE 441 PSIG		CALCULATED 24-HOUR RATE →	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Waiting on pipeline connection		PROD'N. FOR TEST PERIOD →		OIL—BBL. AOF 6763	
35. LIST OF ATTACHMENTS		GAS—MCF. CV 4438		WATER—BBL. OIL GRAVITY-API (CORR.)	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		OIL—BBL. AOF 6763		GAS—MCF. CV 4438	
SIGNED <u>D.H. Maroncelli</u>		TITLE <u>Sr. Drilling Engineer</u>		DATE <u>5/26/77</u>	

*(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 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH	TRUEVERT. DEPTH
Mesa Verde	5575'		SS. Buff to light gry., silty in part, fine to medium grained, interbedded with siltstone, shale, and coal.	Ojo Alamo	2909'	Same
				Kirtland	3059'	"
				Fruitland	3376'	"
				Pictured Cliffs	3721'	"
				Lewis	3840'	"
				Cliff House	5575'	"
				Menefee	5611'	"
				Point Lookout	5891'	"
				T.D.	6091'	"