

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

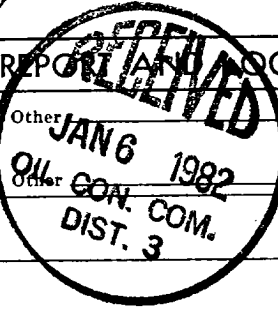
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

30-03722778

WELL COMPLETION OR RECOMPLETION REPORT

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐
2. NAME OF OPERATOR
Northwest Pipeline Corporation
3. ADDRESS OF OPERATOR
P.O. Box 90, Farmington, N.M. 87401
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 800 FNL & 990 FEL
At top prod. interval reported below Same as above
At total depth Same as above



5. LEASE DESIGNATION AND SERIAL NO.
SF 078764
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Rosa Unit
8. FARM OR LEASE NAME
Rosa Unit
9. WELL NO.
#85
10. FIELD AND POOL, OR WILDCAT
Blanco MV / Basin DK
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 20, T31N, R5W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
N.M.

14. PERMIT NO. API 30-039-22778 DATE ISSUED
15. DATE SPUDDED 7-2-81 16. DATE T.D. REACHED 7-13-81 17. DATE COMPL. (Ready-to prod.) MV & DK 11-30-81 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6441' GR
20. TOTAL DEPTH, MD & TVD 8100' 21. PLUG, BACK T.D., MD & TVD MV 8020' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 0'-8100' ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* MV - 5545'-5892' DK - 7981'-8074' 25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN IES SNP/CDL/GR GR/CC1 Cement Bond Log 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	AMOUNT PULLED
10-3/4"	36#	388'	13-3/4"	230	5
7-5/8"	26.4#	3949'	9-7/8"	235	-
5-1/2"	17#	8086'	6-3/4"	209	-

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/4"	5772'	6100'
					2-3/8"	8076'	

31. PERFORATION RECORD (Interval, size and number)
MV - 25 .37" holes from 5545'-5892'
DK - 48 .37" holes from 7981'-7993 (4SPF)
84 .37" holes from 8023'-8044 (4SPF)
56 .37" holes from 8060'-8076 (4SPF)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
5545'-5892' 10,000 gal pad - 80,000# 20/40 sand
7981'-8074' 45,000 gal pad - 176,980# 20/40 sand.

33. PRODUCTION
DATE FIRST PRODUCTION N/A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI
DATE OF TEST 9-5-81 HOURS TESTED 3 hrs CHOKER SIZE 2"X.750" PROD'N. FOR TEST PERIOD DK - GAUGED 108 MCF/D after frac.
FLOW. TUBING PRESS. 0 psig CASING PRESSURE PKR MV 146 psig MV 957 psig OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)
AOF 5589
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Waiting on Pipeline Connection 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 actual field work.

SIGNED

P.M. Pippin Sr. Production Engineer

DATE 12-17-81

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

NMOCC

FARMINGTON DISTRICT

ACCEPTED FOR RECORD

JAN 05 1982

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 3b.

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
				Ojo Alamo	2574'	
				Kirtland	2839'	
				Fruitland	3140'	
				Pictured Cliffs	3310'	
				Lewis	3741'	
				Cliff House	5474'	
				Point Lookout	5776'	
				Graneros	7878'	
				Dakota	7970'	
				Total Depth	8100'	