

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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

30-039-23034

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

OIL CON. DIV. DIST. 3

1a. TYPE OF WELL: OIL WELL [] GAS WELL [X] DRY [] Other []
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other []

2. NAME OF OPERATOR Northwest Pipeline Corp.
3. ADDRESS OF OPERATOR P.O. Box 90, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with all State requirements)*
At surface 1120 FNL & 1100 FEL NE/NE
At top prod. interval reported below 1120 FNL & 1100 FEL
At total depth 1120 FNL & 1100 FEL

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5. LEASE DESIGNATION AND SERIAL NO. SF-078763
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Rosa Unit
8. FARM OR LEASE NAME Rosa Unit
9. WELL NO. 95
10. FIELD AND POOL, OR WILDCAT Blanco M.V. Est.
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 9, T31N R5W
12. COUNTY OR PARISH Rio Arriba
13. STATE NM

15. DATE SPUDDED 7-14-82 16. DATE T.D. REACHED 7-24-82 17. DATE COMPL. (Ready to prod.) 9-24-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6820 KB 19. ELEV. CASINGHEAD 6806 GR
20. TOTAL DEPTH, MD & TVD 6350 21. PLUG BACK T.D., MD & TVD 6300 22. IF MULTIPLE COMPL., HOW MANY* Single
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* M.V. 5955' - 6262'
25. WAS DIRECTIONAL SURVEY MADE yes
26. TYPE ELECTRIC AND OTHER LOGS RUN IES/SNL/FDC/GR GR/CCL
27. WAS WELL CORED no

28. CASING RECORD (Report all strings set in well)
Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOPE SIZE, CEMENTING RECORD, AMOUNT PULLED.
Entry: Cementing & Casing on attachment

29. LINER RECORD and 30. TUBING RECORD
Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD).
Entry: 2-3/8, 6103

31. PERFORATION RECORD (Interval, size and number)
5955', 5959', 5968', 5972', 5980', 5984', 6118', 6122', 6136', 6152', 6156', 6160', 6164', 6168', 6172', 6176', 6180', 6184', 6188', 6212', 6216', 6254', 6258', 6262', Total 24 37" holes.
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
SWF w 81440 gal Treated fluid followed by 80,000# 20/40 sand.

33. PRODUCTION
DATE FIRST PRODUCTION 9-24-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut in
DATE OF TEST 6-29-83 HOURS TESTED 3 hrs CHOKE SIZE 2" X .750" PROD'N. FOR TEST PERIOD 0 OIL—BBL. est 10 MCF GAS—MCF. 10 BWPD WATER—BBL. GAS-OIL RATIO -
FLOW. TUBING PRESS. 0 CASING PRESSURE 446 CALCULATED 24-HOUR RATE 0 OIL—BBL. 10 GAS—MCF. 10 WATER—BBL. OIL GRAVITY-API (CORR.) -

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well incapable of production at this time. Will remain shut in until further evaluation can be made TEST WITNESSED BY

35. LIST OF ATTACHMENTS Cementing & casing report
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 Sr. Drlg Engineer DATE JUL 26 1983

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.
	2750' est	2998'	
	2998' est	3375'	
	3375' est	3610'	
	3610' est	3961'	
	3961' est	5890'	
	5890' EL	5930'	
	5930' EL	6114'	
	6114' EL		
Ojo Alamo			
Kirtland			
Fruitland			
Pictured Cliffs			
Lewis			
Cliff House			
Menefee			
Point Lookout			

Cementing and Casing Report
Rosa Unit #95
Page #2

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OIL CON. DIV.
DIST. 3

Hole Size 13-3/4"

9-5/8", 32.3#, set at 236'.
Cmt'd w/ 262 cu.ft C1 B w/ 3% CaCl₂ & 1/4# Flocele/sk.
Circ out 14 bbls good cmt.

Hole Size 8-3/4"

7", 20#, & set at 4159'.
Cmt'd w/ 263 cu.ft C1 B 65/35 poz w/ 12% gel. Tailed w/ 89 cu.ft C1 B
w/ 2% CaCl₂


Hole Size 6-1/4"

4-1/2", 10.5# & set from 6347' to 3946' KB.
Cmt'd w/ 421 cu.ft C1 B w/ 4% gel & 12-1/2# fine gils/sk.
Circ out 20 bbls cmt.


Paul C. Thompson

Sr. Drlg Engineer
Title

7-7-83
Date


djb/
7-7-83