

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

4. LEASE DESIGNATION AND SERIAL NO.

SF-080538

5. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. FIRST AGREEMENT NAME

San Juan 30-5 Unit

8. NAME OF LEASEE NAME

San Juan 30-5 Unit

9. WELL NO.

#109

10. FIELD AND TROP. OR WILDCAT

Blanco Mesa Verde

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Sec. 14, T30N, R5W

12. COUNTY OR

Rio Arriba

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DUMP ☐ PLUG BACK ☐ DUFF REMOVAL ☐ Other

3. NAME OF OPERATOR

Northwest Pipeline Corporation

4. ADDRESS OF OPERATOR

3539 East 30th Street - Farmington, NM 87401

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1740' FSL & 1650' FWL NE/4 SW/4

At top prod. interval reported below

Same as above

At total depth

Same as above

14. PERMIT NO.

DATE ISSUED

15. DATE SPELDED

9-2-88

16. DATE T.D. REACHED

9-11-88

17. DATE COMPL. (Ready to prod.)

10-6-88

18. ELEVATIONS (DT, BHL, RT, GR, ETC.)*

6714' KB

19. ELEV. CASINGHEAD

6702' GR

20. TOTAL DEPTH, MD & TVD

6130' KB

21. PLUG BACK T.D. MD & TVD

6115'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS TRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

5545'-6059'

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN IES/SP FDC/CNL/GR Borehole Sonic (Digital Sonic) GR/CCL/CBL Neutron/Density/Induction GR/High Resolution Temp.

27. WAS WELL COILED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	REMARKS	AMOUNT PULLED
SEE CASING & CEMENTING REPORT					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5856'	3919'

31. Perforation Record (Interval, size and number)

5545'	5714'	5828'	5852'	5900'	5958'
5612'	5726'	5832'	5856'	5904'	5974'
5616'	5806'	5836'	5866'	5908'	6023'
5656'	5810'	5840'	5870'	5922'	6038'
5666'	5814'	5844'	5874'	5938'	6042'
5690'	5824'	5848'	5896'	5948'	6059'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5545'-6059'	SWF w/ 2358 bbls treated wtr followed by 100,000# 20/40 sand.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
10-6-88	Flowing	Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
11-2-88	3 hrs	2"X.750"			430		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO	
256	652			Q=5268 AOF=3446			

34. DISPOSITION OF GAS (Selling, used for fuel, vented, etc.)

Vented, shut in waiting on pipeline to be sold.

35. LIST OF ATTACHMENTS

Casing and Cementing Report, Temperature Survey, Deviation Report, etc.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Carrie Harmon NMOCG Prod. & Drlg. Clerk

DATE 11-17-88

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

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);

GEOLOGIC MARKERS

38.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUP. VERT. DEPTH
Ojo Alamo	1524' est	1644' est				
Kirtland	1644' est	3149' est				
Fruitland	3149' est	3434' est				
Pictured Cliffs	3434' est	3730' est				
Lewis	3730' est	5570' el				
Cliff House	5570' el	5638' el				
Menefee	5638' el	5796' el				
Point Lookout	5796' el	6130' el				
T.D.	6130' el					

CASING AND CEMENTING REPORT
((San Juan 30-5 #109))

Hole Size - 12-1/4"

9-5/8", 36#, K-55, ST&C seamless USS csg. Set 229' KB. Cemented w/ 150 sx (179 cu.ft.) Class "B" w/ 1/4# gel flake/sk and 3% CaCl_2 .

Hole Size - 8-3/4"

7", 20#, K-55, ST&C, US seamless set at 3944' KB. Cemented w/ 350 sx Class "B" 65/35 poz w/ 12% gel. Tailed w/ 100 sx Class "B" CaCl_2 .

Hole Size - 6-1/4"

4-1/4", 10.5#, K-55, ST&C casing. Set at 6130' KB. Cemented w/ 30 bbls chemical surfactant flush, 250 sx (420 cu.ft.) Cl "B" w/ 4% gel, 6-1/4# galsonite, and .6% Halad 9.

Carrie Harmon
Carrie Harmon

11-17-88
Date