

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use  
"APPLICATION FOR PERMIT-" for such proposals

5. Lease Designation and Serial No.  
SF-078887

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
ROSA UNIT

8. Well Name and No.  
ROSA UNIT #106

9. API Well No.  
30-039-2347000

10. Field and Pool, or Exploratory Area  
UND. GALLUP/BASIN DAKOTA

11. County or Parish, State  
RIO ARriba COUNTY, NM

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
NORTHWEST PIPELINE CORP. c/o WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.  
P. O. BOX 58900 MS 10317 SALT LAKE CITY, UTAH 84158-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1760' FSL & 860' FWL, SEC. 24, T31N, R4W

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached plugging summary.

RECEIVED

DEC 30 1993

OIL CON. DIV.,  
DIST. 3

Approved as to plugging of the well bore.  
Liability under bond is retained until  
surface restoration is completed.

14. I hereby certify that the foregoing is true and correct

Signed STERGIE KATIRGIS *SK* Title SR. PRODUCTION ENGINEER Date 11/04/93

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

AIRS / L E.

APPROVED

DEC 23 1993

DISTRICT MANAGER

October 18, 1993

Page 1 of 1

Williams Production Company  
ROSA UNIT #106 (G1/Dk)  
1760' FSL, 860' FWL  
Sec. 24, T31N, R4W  
Rio Arriba County, NM  
SF-078887

## PLUG AND ABANDONMENT REPORT

### Cementing Summary:

Sting into cement retainer at 7190'.

Plug #1 from 7934' to 7190' with 115 sxs Class B cement, squeeze 72 sxs below CR then pressured up to 2000#; pull out of CR and spot 43 sxs above up to 6609'.

Plug #2 from 6089' to 5819' with 20 sxs Class B cement.

Plug #3 from 3898' to 3112' with 58 sxs Class B cement.

Plug #4 from 1836' to 1566' with 20 sxs class B cement.

Perforate 2 holes at 471'. Attempt to circulate;

Perforate 2 holes at 400'. Establish circulation.

Plug #5 from 400' to surface with 95 sxs Class B cement, circulate good cement out bradenhead.

### Plugging Summary:

10-13-93 Rig up and spot equipment. Lay out relief line to pit; bleed well down. ND wellhead and NU BOP. POH and tally 222 joints 2-3/8" tubing. PU 4-1/2" cement retainer stinger tool and RIH; sting into cement retainer at 7190'. Establish rate into perms. Plug #1 from 7934' to 7190' with 115 sxs Class B cement, squeeze 72 sxs below CR then pressured up to 2000#; pull out of CR and spot 43 sxs above up to 6609'. POH to 5000'. Shut in well and SDFN.

10-14-93 RIH to 6029'. Circulate hole with 64 bbls water. RIH to 6089'. Plug #2 from 6089' to 5819' with 20 sxs Class B cement. POH to 3898'. Plug #3 from 3898' to 3112' with 58 sxs Class B cement. POH to 1836'. Plug #4 from 1836' to 1566' with 20 sxs class B cement. POH and LD tubing and setting tool. Shut in well and SDFN.

10-15-93 Safety meeting. RIH and tag cement at 1707'. Pressure test casing to 700#, held OK. POH and LD tubing. Perforate 2 holes at 471'. Attempt to establish circulation out bradenhead, pressured up to 1000#. Procedure change approved by R. Snow with BLM. Perforate 2 holes at 400'. Establish circulation out bradenhead at 3/4 bpm at 600#. Plug #5 from 400' to surface with 95 sxs Class B cement, circulate good cement out bradenhead. Shut in well and WOC. ND BOP and cut off wellhead. Install P&A marker with 20 sxs cement. Rig down and move off location.