Form 3160-5 DEPARTMENT O (June 1990) BUREAU OF LAN		5.	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 Lease Designation and Serial No. SF-078764 If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE		7.	If Unit or CA, Agreement Designation
Type of Well ☐ Oil Well ☐ Gas Well	s Well 🗆 Other		Well Name and No. ROSA UNIT #137
2. Name of Operator NORTHWEST PIPELINE CORP.		1	API Well No. 30-039-25410
3. Address and Telephone No. PO BOX 58900 SLC UTAH 84158-0900 (801)584-6981		1	Field and Pool, or Exploratory Area PICTURED CLIFFS/MESAVERDE
4. Location of Well (Footage, Sec., T., R., M. 1321' FSL 820' FWL SEC. 31, T31N, RSW	r Survey Description) 11. County or Parish, State RIO ARRIBA, NEW MEXICO		
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
□ Notice of Intent ☑ Subsequent Report □ Final Abandonment	□ Abandonment □ Recompletion □ Plugging Back □ Casing Repair □ Altering Casing □ Other DRILLING OPERATIONS □ Completion or Recompletion Report and Log form.) □ Change of Plans □ New Construction □ Non-Routine Fracturing □ Water Shut-Off □ Conversion to Injection □ Dispose Water (Note: Report results of multiple 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.)* 06/05/94			
Spuded well at 1630 hour 6-4-94. Ran 6 jts (248.05') of 9-5/8", 36#, K-55, LT&C casing and set at 260' KB. Cemented with 135 (161 cu. ft.) sx class "G" with 1/4# Cello Flake/sk and 2% CaCl2. Circulated out 8 BBLs of cement. Plug down at 0015 hours, 6/5/94. WOC			
06/9/94			070
TD hole at 3800'. Schlumberger ran IND/GR and CDL/CNL logs. CONTINUED ON PAGE 2 ONL CONT. DIV. ONL CONT. DIV.			
14. I hereby coefficients the top-going is true and content Signed <u>KATHY BARNEY</u> Title <u>SR. OFFICE ASSISTANT</u> Date <u>06/17/94</u>			

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 pure sections as factorized for any matter within its jurisdiction.

Title

(This space for Federal or State office use)

Conditions of approval, if any:

Approved by

*See Instruction on Reverse Side

PM 3 / 1994

Date

Smn

CONTINUED FROM PAGE 1

06/10/94

Ran 91 jts (3777.08") of 7", 20#, K-55, ST casing and set at 3789' KB. Dowell cemented with 385 sx 809 cu. ft. class "G" 65/35 POZ with 12% gel and 1/4# cello flake/sk. Followed by 150 sx 204 cu. ft. class "G" with 2% gel, 1/4# cello flake/sk and 2% CaCl2. Displaced with 152 BBLs of water. Plug down at 1730 hours 6/9/94. Good circulation but did not circulate out any cement. Temp survey showed TOC at 600'.

06/13/94

TD hole at 6170'. Schlumberger ran IES/GR and CDL/SNL logs. Ran 67 joints (2483.38) of 4-1/2", 10.5#, K-55, ST&C casing and set at 6170' KB. FC @ 6148' KB. Top of liner hanger at 3686' KB. Dowell cemented with 245 sx 407 cu. ft. class "G" with 4% gel, 6-1/4# fine gilsonite/ sk and 0.5% retarder. Preceded cement with 20 BBLs of gel water. Reverse out 20 BBLs of cement. Plug down @ 0130 hours 6-13-94. Rig released @ 1000 hours 6-13-94.

245 8x 407 7