

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 078765
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

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

8. Well Name and No.  
ROSA UNIT #35X

2. Name of Operator  
NORTHWEST PIPELINE CORPORATION

9. API Well No.  
30-045-07980

3. Address and Telephone No.  
PO BOX 58900 MS 2M3, SALT LAKE CITY, UTAH 84158-0900 (801) 584-6879

10. Field and Pool, or Exploratory Area  
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1835' FSL & 1850' FWL, SEC 5, T31N, R6W

11. County or Parish, State  
SAN JUAN, 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 \_\_\_\_\_

- ☐ 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.)\*

Estimated start date of work April 17, 1995

It is proposed to locate and eliminate a suspected casing failure and to open additional Mesaverde pay.

See attached procedure.

RECEIVED  
APR 24 1995  
OIL CON. DIV.  
DIST. 3

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

Signed STERG KATIRGIS

Title SR. ENGINEER

Date April 10, 1995

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**APPROVED**

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

NMOCD

APR 18 1995  
DISTRICT MANAGER

4-7-95

# PROCEDURE

Rosa Unit #35X

PURPOSE: To check casing integrity and repair as necessary. To recomplete additional Mesaverde pay.

1. Check location and rig anchors. Repair as necessary. Tie in drill gas and set compressor.  
Spot and fill 9 - 400 bbl tanks with 1% KCl water. Filter water to 25 microns.  
Order 2-3/8" work string.
2. MIRUSU. Nipple up BOP, stripping head, blooie line, working valves and 2" relief line. Test BOP.
3. TOH w/ 1-1/4" tubing.
4. TIH with 7" packer on 2-3/8" tubing and set at ±5500'. Flow to pit. Swab if necessary. Confirm productivity of well. Release packer and TOH.
5. TIH w/ Retrievable Bridge plug and packer on 2-3/8" work string and set 5575'. Roll hole with water.
6. Pressure test BP and casing separately to 1000 psig. Hold for 30 minutes.
7. If pressure does not hold isolate leaks. Review with engineering and squeeze with cement.

## MESAVERDE COMPLETION

8. Pressure test casing 1500 psi. Then slowly increase to 2000 psi and hold for 15 minutes. Then slowly increase to 2500 psi and hold for 15 minutes.

If casing pressure does not hold, isolate and repair leak. Redesign stimulation to frac down 3-1/2" tubing below a packer.

9. On wireline run CBL and GR/CCL in 7" casing from BP at 5575' - 4900' and cased hole neutron (Blue Jet GSL run through PND-S software, or equivalent) from BP - 5000'. Review logs with engineering.
- \*\* Design the Cliff and Menefee stimulation as a single stage limited entry slick water frac. Actual depths, number of perforations, perf size and frac size will be based on cased hole logs and results of any cement squeeze work.**

## Generic Stimulation

10. TIH w/ 2-3/8" tubing and spot 500 gals 7-1/2% HCl acid across perforations. Estimated depth of perforations from 5300' - 5550'. Acid to contain 1 gal/1000 gals surfactant, iron control and corrosion inhibitor (24 hr inhibition at 150°F). TOH.
11. Using Lane Wells log of 9-28-59 and above cased hole neutron log to correlate perforate the Cliff House and Menefee formation in 7" casing w/ 25-30 - 0.32" holes using a 3-1/8" select fire casing gun from top down at the following depths:
12. Breakdown and attempt to balloff down casing w/ 1300 gals 15% HCl acid and 50 - 7/8" 1.3 specific gravity RCN perf balls.  
Maximum pressure = 2500 psi.  
Acid to contain 1 gal/1000 gals surfactant, iron control and inhibitor (24 hour inhibition at 150°F).