

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  
ROSA UNIT

8. Well Name and No.  
ROSA UNIT #273

9. API Well No.  
30-045-28248

10. Field and Pool, or Exploratory Area  
BASIN FRUITLAND COAL

11. County or Parish, State  
SAN JUAN, NM

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

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.  
PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 561-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1690' FSL & 925' FWL, NW/4 SW/4 SEC 8-31N-6W

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 RECAVITATION

☐ 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.)\*

Williams Production Company proposes to recavitate the existing Fruitland Coal well as per the attached procedure.

RECEIVED  
APR - 8 1997

OIL CON. DIV.  
DIST. 3

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

Signed Susan Griguhn  
SUSAN GRIGUHN

Title CLERK

Date March 27, 1997

(This space for Federal or State office use)

Approved by [Signature]

Title [Signature]

Date APR 02 1997

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

NMOC

2-24-97

WILLIAMS PRODUCTION COMPANY  
RECOMPLETION PROGNOSIS  
ROSA 273

Purpose: To recavitate the Fruitland Coal zone.

1. Notify BLM 24 hours to moving in.  
Spot and fill 2- 400 bbl tanks with 1% KCl water. Do not filter water unless necessary.
2. MIRUSU. Nipple up BOP's, 2 blooie lines, working valves and 2" relief line. Test BOP's.
3. TOOH w/ 97 jts of 2-3/8" tubing and LD.
4. Pickup 3-1/2" drill pipe w/ 6-1/4" bit. TIH w/ drill pipe and clean out to PBTD @ 3155'. TOOH.
5. PU 7" X 9-1/2" Underreamer and underream from 2950' to 3155'. TOOH.
6. Install three 750 cfm rated compressors with boosters and one 750 cfm compressor with booster for backup on location.
7. TIH w/ 6-1/4" bit on 3-1/2" DP and circulate out fill. Run 10 to 5 bbl sweeps using 1 GPB of soap if necessary.
8. PU bit and drill pipe to  $\pm 2900'$ . Pressure up hole to 3300 psi (Max pressure) then surge. Do this an ave. of 5 times.
9. Repeat until gas production no longer increases.  
  
**NOTE: Accurate guages will be essential in determining the success of each step.**
10. TOH w/ 6-1/4" bit on 3-1/2" DP.  
  
At this point the decision to run a liner will be made.
11. PU 2-3/8", 4.7#, J-55, 8rd, EUE tbg with perfed sub on bottom and RIH. Land tubing @  $\pm 3092'$ .
12. ND BOP and NU wellhead. Shut well in for buildup.
13. Cleanup location and release rig.

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Sterg Katirgis  
Senior Engineer

### PERTINENT DATA SHEET

WELLNAME: Rosa #273

FIELD: Basin Fruitland Coal

LOCATION: 1690'FSL, 925'FWL, Sec 8, T31N, R6W

ELEVATION: 6803 GL TD: 3155'  
KB: 12' PBTD: 3155'

COUNTY: Rio Arriba

STATE: New Mexcio

DATE COMPLETED: 11/20/90

CASING TYPE	CASING SIZE	HOLE SIZE	WEIGHT & GRADE	DEPTH	CEMENT	TOP
Surface	9-5/8"	12-1/4"	36.00#, K-55	228'	160sx	surface
Intermediate Casing	7"	8-3/4"	20.0#, K-55	2955'	650sx	surface
open hole		6-1/4"				

TUBING EQUIPMENT 97 jts, 2-3/8", 4.7#, J-55, 8 rd, landed @ 3092'  
Perfed sub on bottom.

WELLHEAD: Casing Head -9-5/8" x 11" x 3000# C-22

Tubing Head : 11" 3000 x 2 1/16" 5000# ERC

FORMATION TOPS:

Ojo Alamo	2306'
Kirtland	2416'
Fruitland	2955'
Pictured Cliff	not present

LOGGING RECORD: Mud log.

PERFORATIONS: Open hole

STIMULATION: Cavitation (11/15/90-11/18/90)

PRODUCTION HISTORY: Pitot guage 388 mcf/d Cum 478mmcf.

WORK OVER HISTORY: Recavitated (6/24/94-7/13/94). Guaged @ 2416 mcf/d

DFS 3/5/96

# WELLBORE DIAGRAM

## ROSA #273

NW/4 SW/4  
1690' FSL 925' FWL  
8-31N-6W  
San Juan Co, NM

Elevation: 6803' GR  
KB 12'

