

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

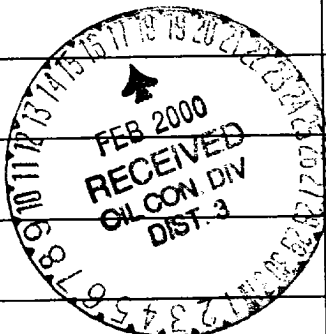
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

SUBMIT IN TRIPLICATE

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) 573-6254  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2090' FSL and 790' FEL NE/4 SE/4 SEC 06-31N-05W



5. Lease Designation and Serial No.  
SF-078767  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA, Agreement Designation  
ROSA UNIT  
8. Well Name and No.  
ROSA UNIT #241  
9. API Well No.  
30-039-24511  
10. Field and Pool, or Exploratory Area  
BASIN FRUITLAND COAL  
11. County or Parish, State  
RIO ARRIBA, NM

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

| TYPE OF SUBMISSION   | TYPE OF ACTION   |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent<br><input type="checkbox"/> Subsequent Report<br><input type="checkbox"/> Final Abandonment | Abandonment<br>Recompletion<br>Plugging Back<br>Casing Repair<br>Altering Casing<br>Other <u>Cavitation</u><br>Change of Plans<br>New Construction<br>Non-Routine Fracturing<br>Water Shut-Off<br>Conversion to Injection<br>Dispose Water<br>(Note: Report results of multiple completion on Well Completion or Recombination 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 plans to cavitate this well as per the attached procedure on or about April 1, 2000

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

Signed Tracy Ross  
TRACY ROSS

Title Production Analyst Date February 2, 2000

(This space for Federal or State office use)

Approved by /s/ Charlie Beecham

Title \_\_\_\_\_

Date FEB 14 2000

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.

1/28/00

WILLIAMS PRODUCTION COMPANY  
RECOMPLETION PROGNOSIS  
ROSA 241

Purpose: To recavitate the Fruitland Coal zone.

1. Notify BLM 24 hours prior to moving in.  
Notify Dante Vescovi with T.I.W.  
Spot and fill tanks as necessary and fill with produced water. Do not filter water unless necessary. Filter water to 25 microns if necessary.
2. MIRUSU. Nipple up BOP's, 2 blooie lines, hydraulic valves and 2" relief line. Test BOP's.  
Fill rig pit with produced water. Filter water only if necessary.  
Rig up air package. 1900 psi cabability and 2200 cfm.
3. RIH and check for fill. TOOH w/ 2-3/8" tubing and LD.
4. Clean out fill only if a problem.  
  
Notify Dante Vescovi with T.I.W. to be on location with liner setting/retrieving tool. TIH with T.I.W.  
setting tool on 3-1/2" drill pipe. Tag liner top at 2921'. Thread setting tool into liner hanger and pull straight out to release hanger and liner. TOH with liner and drill pipe.
5. If liner recovery with setting tool is unsuccessful, mill out as follows. Mill the top hold down slips off the JGS, Steel Sleeve, Right Hand Release. TOOH. Pickup rotary shoe, bumper sub, jars, 6-1/4" mill and 4-3/4" drill collars on 3-1/2" drill pipe and TIH. Pick up a spear and the fishing tool assembly and TIH. Spear into the liner top and jar liner loose.
6. TOOH w/ 5-1/2" Liner and LD. Salvage if possible.
7. PU 6-1/4" bit on 3-1/2" DP and TIH. Clean out to 3140'. TOOH.
8. PU 7" X 9-1/2" Underreamer and underream from 2980' to TD. TOOH.

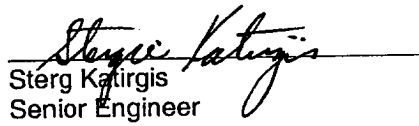
CAVITATION

9. 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 as necessary.
12. PU bit and drill pipe to 7" shoe. Pressure up hole to Max pressure then surge. Do this an  $\pm 5$  times.
13. Repeat steps for 10 and 11 for 2 weeks or until gas production no longer increases. Gauge well after each cycle.

**NOTE: Accurate guages will be essential in determining the success of each step.**

14. TOH w/ 6-1/4" bit on 3-1/2" DP. PU 7 joints 5-1/2" liner on 3-1/2 DP. Bottom 3 jts are pre perfed @ 4 holes/ft. Land liner @ 3140'. TOOH w/ 3-1/2" DP and LD.
15. PU 2-3/8", 4.6#, J-55, 8rd, EUE and RIH. Land tubing @  $\pm 3100'$ .

16. ND BOP and NU wellhead. Shut well in for buildup.
17. Cleanup location and release rig. Notify Production.

  
Sterg Katirgis  
Senior Engineer

# ROSA UNIT #241 FRUITLAND COAL

## Location:

2090' FSL and 790' FEL  
NE/4 NE/4 Sec 06, T31N R5W  
Rio Arriba, New Mexico  
Elevation: 6333' GL

Spud date: 7/31/90

Cavitated date:  
8/13/90 - 8/19/90

| Top       | Depth |
|-----------|-------|
| Ojo Alamo | 2390' |
| Kirtland  | 2490' |
| Fruitland | 2930' |

TIW JGS liner hanger.  
TOL @ 2921'

Perforation interval: 3014' - 3138'  
Pre-Perforated Liner

PDTD 3139'

Total Depth @ 3140'

5 jts 9-5/8", 40#, N-80, 8rd, ST&C csg. Landed @ 229'

Unknown # of jts 2-3/8", 4.6#, J-55, EUE 8rd,  
USS tbg. Landed @ 3130'.

Exp. check & 4 3/4" mill on bottom.  
R myyle @ 3097'

68 jts 7", 20<sup>3</sup>#, K-55, 8rd, ST&C csg. Landed @ 2980'.

5 jts 5-1/2", 15.5#, K-55 csg. Landed @ 2921'-3140'  
No cement.

| Hole Size | Casing        | Cement | Volume      | Top of CMT |
|-----------|---------------|--------|-------------|------------|
| 12-1/4"   | 9-5/8", 40#   | 160 sx | 189 cu. Ft  | Surface    |
| 8-3/4"    | 7", 23#       | 660 sx | 1009 cu. Ft | Surface    |
| 6-1/4"    | 5-1/2", 15.5# | n/a    | n/a         | n/a        |