

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)  
1115' FSL & 1200' FWL, SW/4 SW/4, SEC 28 T31N R5W

RECEIVED  
SEP 16 1999

OIL CON. DIV.  
DIST. 3

5. Lease Designation and Serial No.  
SF-078769
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation  
ROSA UNIT
8. Well Name and No.  
ROSA UNIT #267
9. API Well No.  
30-039-25012
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 | <input type="checkbox"/> Abandonment  |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Recompletion   |
| <input type="checkbox"/> Final Abandonment           | <input type="checkbox"/> Plugging Back  |
|  | <input type="checkbox"/> Casing Repair  |
|  | <input type="checkbox"/> Altering Casing  |
|  | <input checked="" type="checkbox"/> Other <u>Cavitation</u>   |
|  | <input type="checkbox"/> Change of Plans  |
|  | <input type="checkbox"/> New Construction   |
|  | <input type="checkbox"/> Non-Routine Fracturing   |
|  | <input type="checkbox"/> Water Shut-Off   |
|  | <input type="checkbox"/> Conversion to Injection  |
|  | <input type="checkbox"/> 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 plans to cavitate this well as per the attached procedure. Estimated start date 9/30/1999.

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

Signed

Tracy Ross  
TRACY ROSS

Title Production Analyst

Date August 31, 1999

(This space for Federal or State office use)

Approved by

Mr. [Signature]

Title

P.L. Eng.

Date

9-13-99

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.


8-31-99

WILLIAMS PRODUCTION COMPANY  
RECOMPLETION PROGNOSIS  
ROSA 267

Purpose: To pull the liner and cavitate the Fruitland Coal zone.

1. Notify BLM 24 hours to moving in.  
Notify Dante Vescovi with T.I.W. Confirm hanger type.  
Load rig tank with fresh water. Do not filter water unless necessary. Set up fire hose.  
Order 3 jts predrilled 5-1/2" liner from Ron Cochran. 5 jts total to be run.
2. MIRUSU. Nipple up BOP's, 2 blooie lines, working valves and 2" relief line. Test BOP's.
3. RIH to TD and check for fill. TOOH w/ 2-3/8" tubing and LD.
4. 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 3179'. Thread setting tool into liner hanger and pull straight out to release hanger and liner. TOH with liner and drill pipe.
5. Re use 5-1/2" liner if possible. Recondition JGS liner hanger.
6. If liner recovery with setting tool was unsuccessful, mill it out as follows.  
Pickup rotary shoe, bumper sub, jars, 6-1/4" mill and 4-3/4" drill collars on 3-1/2" drill pipe and TIH. Mill the top hold down slips off the JGS, Steel Sleeve, Right Hand Release liner hanger @ 3179'. TOOH. Pick up a spear and the fishing tool assembly and TIH. Spear into the liner top and jar liner loose.
7. TOOH w/ 5-1/2" Liner and LD.
8. PU 7" X 9-1/2" Underreamer and underream from 3225' to 3381' (TD). TOOH.
9. CAVITATE  
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.
10. PU bit drill pipe inside casing. Pressure up hole to 2500 psi (Max pressure) then surge. Do this an avg of 5 times. Gauge well after each cycle.
11. Repeat. Maximum on location 3 weeks or until gas production no longer increases.  
  
**NOTE: Accurate gauges will be essential in determining the success of each step.**
12. TOH w/ 6-1/4" bit on 3-1/2" DP.
13. PU 5 joints 5-1/2" liner on 3-1/2 DP. Bottom 3 joints are pre drilled w/ 4 holes per foot. Run in with reconditioned JGS liner hanger with left hand threads and L A set shoe on bottom of liner. Rotate down if necessary. Land liner @ 3381' with ±80' overlap in 7".
14. PU mill on DP and drill out plugs. TOOH w/ 3-1/2" DP and LD.

15. PU 2-3/8", 4.7#, J-55, 8rd, EUE tbg and RIH. Land tubing @ ±3356'.
16. ND BOP and NU wellhead. Shut well in for buildup.
17. Cleanup location and release rig.

  
Sterg Katirgis  
Senior Engineer

# ROSA UNIT #267

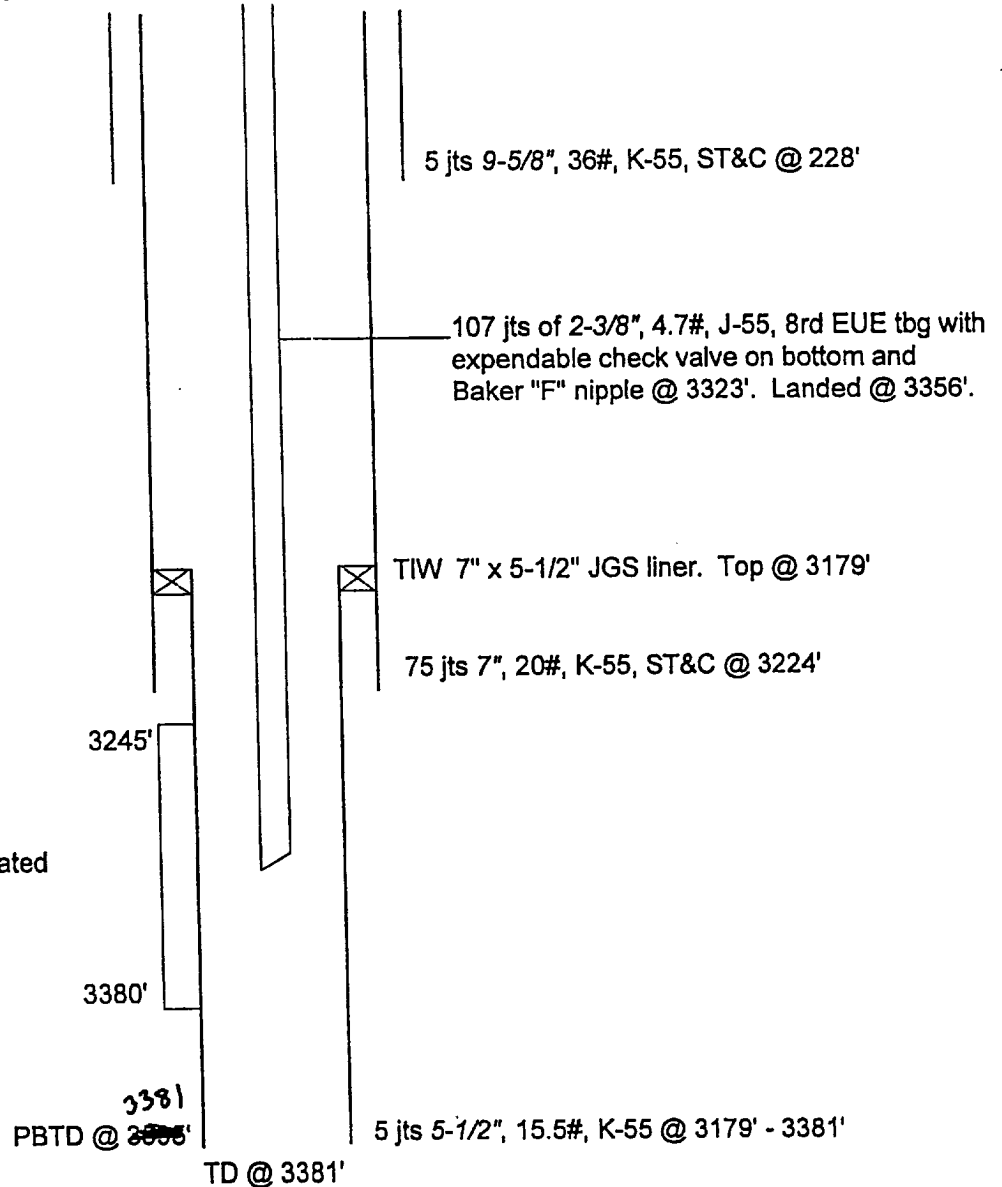
## FRUITLAND COAL

1115' FSL 1200' FWL  
SW/4 SW/4 SEC 28M T31N R5W  
Ria Arriba Co, NM

Elevation: 6513' GL  
KB 12'

Drilled in 1990

Ojo Alamo 2525'  
Kirtland 2560'  
Fruitland 3255'



| HOLE SIZE | CASING       | CEMENT         | TOP OF CMT |
|-----------|--------------|----------------|------------|
| 12-1/4"   | 9-5/8" 36#   | 160 sx         | SURFACE    |
| 8-3/4"    | 7" 20#       | 680 sx         | SURFACE    |
| 6-1/4"    | 5-1/2" 15.5# | Did Not Cement | N/A        |