

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

5. Lease Designation and Serial No.
SF-078764

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
ROSA UNIT

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

8. Well Name and No.
ROSA UNIT #229

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-24496

3. Address and Telephone No.
PO BOX 3102 MS 25-1, TULSA, OK 74101 (918) 561-6254

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1865' FSL & 1055' FWL, NW/4 SW/4, SEC 29 T31N R5W

11. County or Parish, State
RIO ARRIBA, NM

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

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

TYPE OF ACTION

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
Other Cavitation

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 plans to cavitate this well as per the attached procedure. Estimated start date 7/10/2002.

* SEE ATTACHED SAFETY GUIDELINES TO FOLLOW
FOR CONDITIONS OF APPROVAL.

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

Signed

Tracy Ross
TRACY ROSS

Title PRODUCTION ANALYST

Date June 12, 2002

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



4-10-02

WILLIAMS PRODUCTION COMPANY
CAVITATION PROGNOSIS
ROSA 229 – Sec. 29-31N-5W

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

1. Notify BLM 24 hours to moving in.
2. Hold daily safety meetings stressing need to work in a safe, controlled, and informed manner.
3. MIRUSU. Nipple up pneumatic actuated BOPs, 2 blooie lines, pneumatic working valves and 2 - 7" blooie lines. Anchor blooie lines securely. Test BOPs. Fill rig tank with produced water. Do not filter water unless necessary.
4. Rig up air package, 1800 cfm minimum.
5. TIH and tag fill. CO fill if necessary. TOO H w/ 2-7/8" tubing and LD.
6. Contact Dante Vescovi with TIW to assist with retrieval of hanger. TIH with retrieving tool and release liner hanger.

If hanger does NOT release, pick up 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 hold down slips off the liner. TOO H Pick up a spear and the fishing tool assembly and TIH. Spear into liner top and jar liner loose.
7. TOO H w/ 5-1/2" liner and LD. Re use any joints if possible.
8. PU 6-1/4" bit on 3-1/2" DP and TIH. Clean out to TD (3287') TOO H.
9. TIH w/ 6-1/4" bit on 3-1/2" DP and circulate out fill.

CAVITATION

10. Run 5 to 10 bbl sweeps using 1 GPB soap if necessary.
11. PU bit inside 7" casing. Pressure up hole to 2500 psi (maximum pressure) then open to atmosphere. Repeatedly surge well. SI for buildup after surging 4 times.
12. Record any breaks. Record accurate buildup pressure and pitot gauges after each cycle. Repeat until gas production no longer increases, 2 – 3 weeks.
13. TOH w/ bit and DP.
14. Notify Dante Vescovi with TIW to run liner.
15. PU 5-1/2" liner on 3-1/2" DP. Run in with JGS liner hanger with left hand threads and L A set shoe on bottom of liner. Rotate down if necessary. Land liner @ 3287' with 100' overlap in 7". TOO H w/ DP and LD. **Perforate line with 4 SPF at the following intervals: 3108'-3152', 3196'-3287'.** Total of 133' NET and 532 holes.
16. PU 2-7/8", 6.5#, J-55, 8rd, EUE tbg. TIH and land tubing @ 3276' with a seating nipple one joint up and an expendable check on bottom. This will require 50' more tubing than in original string.
17. ND BOP and NU wellhead. Shut well in for buildup.
18. RDSU. Clean up location and move.

Lance A. Hobbs
Senior Production Engineer