

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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

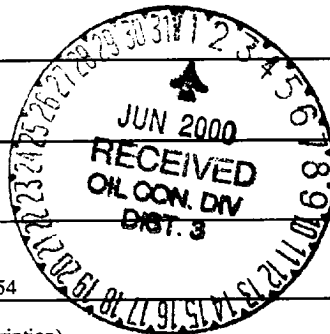
SUNDRY NOTICE AND REPORTS ON WELLS

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

200 MAY 16 11:00

073 11:00 11:00

SUBMIT IN TRIPPLICATE



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)
990' FNL & 970' FWL, NW/4 NW/4, SEC 23-T31N-R04W

5. Lease Designation and Serial No.
SF-078893

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #500

9. API Well No.
30-039-26165

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	Abandonment
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
<input type="checkbox"/> Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other <u>Cavitation</u>
	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 cavitate this well per the attached procedure. Estimated start date is 08/01/2000

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

Signed Tracy Ross
TRACY ROSS

Title Production Analyst Date May 12, 2000

(This space for Federal or State office use)

Approved by /s/ Jim Lovato

Title _____

Date MAY 31 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.

NMOcn

5-8-00

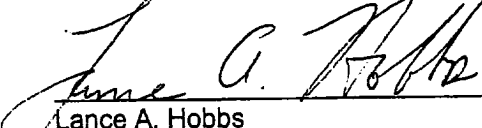
WILLIAMS PRODUCTION COMPANY
SIDETRACK & CAVITATION PROGNOSIS
ROSA #500

Purpose: Cavitare the Fruitland Coal zone.

1. Notify BLM 24 hours to moving in.
2. 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.
3. PU 6-1/4" bit on 3-1/2" DP and TIH. Drill out from 3591' to TD (3705') TOOH.
4. PU 7" X 9-1/8" Underreamer and underream open hole from 7" shoe (3591') to TD (3705').
5. TIH w/ 6-1/4" bit on 3-1/2" DP and circulate out fill.

CAVITATION

6. Run 5 to 10 bbl sweeps using 1 GPB soap if necessary.
7. PU bit inside 7" casing. Pressure up hole to 2000 psi (maximum pressure) then open to atmosphere. Repeatedly surge well. SI for buildup after surging about 5 times.
8. Record any breaks. Record accurate buildup pressure and pitot gauges after each cycle. Repeat until gas production no longer increases, 2 - 3 weeks.
9. TOH w/ bit and DP.
10. Notify Dante Vescovi with TIW to run liner.
11. PU 2 jts 5-1/2" liner and 3 jts pre drilled liner with plugs 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 @ 3705' with 100' overlap in 7". TOOH w/ DP and LD.
12. PU plug mill and 2-3/8", 4.7#, J-55, 8rd, EUE tbgs and and TIH. Knock off plugs and land tubing @ 3680'.
13. ND BOP and NU wellhead. Shut well in for buildup.
14. Clean up location and release rig.


Lance A. Hobbs
Engineer, Production &