

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

1000 BRAZOS RD.
AZTEC, NM 87410

Form C-103

Revised 1-1-89

Submit 3 copies to
Appropriate District Office

DISTRICT 1
P O Box 1980, Hobbs, NM 88240
DISTRICT 2
P O Drawer DD, Artesia, NM 88210
DISTRICT 3
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-045-28494
5. Indicate Type of Lease	STATE FEE X
6. State Oil & Gas Lease No.	

**SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO
DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE
"APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS)**

7. Lease Name or Unit Agreement Name

ROSA UNIT

1. Type of Well: OIL WELL GAS WELL X OTHER

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

8. Well No.
224

3. Address of Operator
P O BOX 3102, MS: 25-2, TULSA, OK 74101

9. Pool Name or Wildcat
BASIN FRUITLAND COAL

4. Well Location
Unit Letter B : 1095 Feet From The NORTH Line and 2210 Feet From The EAST Line
Section 08 Township 31N Range 6W NMPM SAN JUAN COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6229' KB

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK X
TEMPORARILY ABANDON
PULL OR ALTER CASING

PLUG AND ABANDON
CHANGE PLANS
OTHER

REMEDIAL WORK
COMMENCE DRILLING OPINIONS
CASING TEST AND CEMENT JOB

ALTERING CASING
PLUG AND ABANDONMENT
OTHER

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Williams proposes to recavitate this well per the attached procedure. A reserve pit measuring 140' x 55' x 4' will be built and lined with a 12 mil liner. Work is expected to begin mid-August and to be completed in mid-September.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Tracy Ross

TITLE PRODUCTION ANALYST

DATE August 6, 2003

TYPE OR PRINT NAME TRACY ROSS

TELEPHONE NO. 918/573-6254

(This space for State Use)

APPROVED BY [Signature]

DEPUTY OIL & GAS INSPECTOR, DIST. 95

DEC 11 2003

CONDITIONS OF APPROVAL, IF ANY:



6-24-03

WILLIAMS PRODUCTION COMPANY
CAVITATION PROGNOSIS
ROSA 224 – Sec. 8-31N-6W

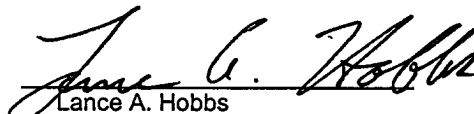
Purpose: To pull liner and cavitate the Fruitland Coal zone.

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. TOOH 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. TOOH Pick up a spear and the fishing tool assembly and TIH. Spear into liner top and jar liner loose. TOL @ 2755'.
7. TOOH 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 (2997') TOOH.
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 liner and L A set shoe on bottom of liner. Rotate down if necessary. Land liner @ 2997' with 100' overlap in 7". TOOH w/ DP and LD. **Perforate line with 4 SPF at the following intervals: 2912'-2994'.**
16. PU 2-7/8", 6.5#, J-55, 8rd, EUE tbg. TIH and land tubing @ 2980' with a seating nipple one joint up and an expendable check on bottom. (Note: will need extra joint and half to land at new depth.)
17. ND BOP and NU wellhead. Shut well in for buildup.
18. RDSU. Clean up location and move.


Lance A. Hobbs
Senior Production Engineer