

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-078771

6. If Indian, Allottee or Tribe Name

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)
1020' FNL & 1535' FEL, NW/4 NE/4, SEC 23 T31N R6W

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #213

9. API Well No.
30-039-24426

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

11. County or Parish, State
RIO ARRIBA, NM

CHECK APPROPRIATE BOX(es) 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 Complete

- ☐ 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.)*

5-21-1999 MI RU

5-22-1999 Rig up, NU BOP and blooie lines, pressure test BOP's, HCR valves and choke manifold, LD 2 3/8" tubing, PU pilot mill, DC's and DP, TIH, mill Brown liner hanger

5-23-1999 Mill 7' of liner hanger, COOH, LD mill, PU spear, TIH, catch and jar on liner, moved liner up hole 25' during first 4 hours of jarring, no movement after that, release spear, COOH, TIH w/ mill

5-24-1999 TIH w/ pilot mill, mill liner from 2883' to 2937', unplug mud cross, COOH, clean cuttings out of BOP's and mud cross, set cast iron bridge plug on wireline, TIH w/ whipstock, set @ 2935', mill window 2919'-2920.5', COOH, LD starter mill, PU window mill, TIH

5-25-1999 TIH w/ window mill, mill window from 2918'-2927', drill formation to 2930', COOH, TIH w/ 6 1/4" bit, drill sidetracked hole 2930'-3127', COOH, TIH w/ underreamer, underream 2941'-3085'

Continued on back side

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

Signed Tracy Ross
TRACY ROSS

Title Production Analyst Date June 22, 1999

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by _____

Title _____

Date JUL 09 1999

Conditions of approval, if any:

FARMINGTON FIELD OFFICE
BY [Signature]

5-26-1999 Underream 3085'-3127', COOH, TIH w/ 6 1/4" bit, CO to TD-3127', surge 5 times w/ air and mist to 1800 psi, returns-lite coal in gray wtr

5-27-1999 Surge w/ air and wtr to 1100 psi, returns-lite coal fines, CO, 3094'-3127', returns-hvy to lite 1/8" coal to fines in black to dark gray wtr, dry well, flow test through 3/4" choke- max reading-218 mcf, 2 hour SI-580 psi, surge 11 times w/ air and wtr to 1100 psi, returns-last 5 surges-med to hvy coal, hole bridged off on last surge, TIH, tag @ 3025', CO @ 3025', returns-hvy 1/8" coal to fines in black wtr

5-28-1999 CO 3025'-3127', returns med to lite 1/8" coal to fines in gray wtr, dry well, flow test through 3/4" choke (435 mcf), surge 11 times w/ air and wtr to 1600 psi, returns med coal on all surges. Flow test—435 mcf

5-29-1999 TIH, tag 2936'. CO to TD-3127', returns hvy 1/4" coal and shale (80/20) in black sometimes viscous wtr, hole tight. LD 3 jts DP, CO to TD-3127', returns-hvy reducing to lite coal and shale in dark gray wtr, dry well, flow test through 3/4" choke (508 mcf dry), 3 3/4 hr SI-800 psi, release natural surge, returns hvy reducing to lite coal after 1 hr. Flow test—508 mcf dry. SI Pressure-3 3/4 hrs—800 psi. Q = 508 mcf

5-30-1999 Surge 7 times w/ natural pressure buildup, 3-hour SI's-860 psi, returns-med coal fines, wtr and gas

5-31-1999 TIH after natural surges, tag @ 2999, CO 2999'-3137' TD, returns-hvy to lite 1/16" coal and shale (80/20) to fines in black to gray wtr, dry well, flow test through 3/4" choke (667 mcf), surge 4 times w/ air and wtr to 1200 psi. Q = 667 mcf

6-01-1999 Surge 4 times w/ air and wtr to 1500 psi, returns-hvy coal on last 3 surges, well bridged on last surge, TIH, CO bridges in casing and open hole, CO 3036'-3127', returns-hvy 1/4" coal and shale (80/20) to fines reducing to hvy 1/16" coal and shale to fines in black to gray wtr, returns on sweeps-hvy 1" reducing to med 1/4" coal in black wtr

6-02-1999 CO @ 3127'-TD, returns-hvy reducing to lite 1/8" coal and shale (90/10) in dark gray to gray wtr, 1/2" coal on sweeps. Dry well, flow test through 3/4" choke, (870 mcf). COOH to DC's, surge 6 times w/ air and wtr to 1200 psi, returns-hvy coal on 1st three, med coal on last three. Q = 870 mcf

6-03-1999 Surge twice w/ air and wtr to 1100 psi, returns-hvy coal, gas and wtr. TIH, tag 2989'. CO 2989'-3127', returns-hvy reducing to lite 1/4" coal and shale (90/10) to fines in dark gray to gray wtr, dry well, flow test through 3/4" choke, COOH. Q = 943 mcf

6-04-1999 COOH to DC's, surge 6 times w/ air and wtr, returns-hvy to med coal, wtr and gas

6-05-1999 TIH, tag 3031', CO 3031'-3127'-TD, returns-hvy 1/4" coal and shale (80/20) to fines in dark gray wtr reducing to lite returns, dry well, flow test through 3/4" choke. Q = 957 mcf

6-06-1999 Flow test through 3/4" choke, COOH to DC's, surge 7 times w/ air and wtr to 1100 psi, hvy coal returns on 1st three surges, lite coal on next four surges. Q = 957 mcf

6-07-1999 Surge w/ air and wtr to 1200 psi, returns-med coal, wtr and gas, TIH, tag @ 3107', CO 3095'-3127', returns-hvy reducing to lite 1/8" coal and shale (80/20) in dark gray wtr, dry well, flow test through 3/4" choke. Q = 783 mcf

6-08-1999 Finish flow test through 3/4" choke (812 mcf), COOH to DC's, surge 6 times w/ natural pressure buildup, maximum 3 hr SI pressure—700 psi, returns-fine coal, wtr and gas. Q = 812 mcf

6-09-1999 Release 7th natural surge (3 hrs to 700 psi), TIH, tag 3100', CO to TD, returns-med to lite 1/16" coal and shale (90/10) to fines in gray wtr, dry well, COOH, LD DC's, PU and run 6 jts pre-perforated 5 1/2" (270.27') 17#, N-80, USS w/ LA set shoe on bottom and TIW JGS liner hanger set @ 2850', perforations 3124'-3080' and 3038'-2946', TIH w/ liner, circulate down last 20', hang liner, release setting tool, LD DP, change rams, RU floor to run tubing

6-10-1999 PU expendable mill, PU & TIH w/ 2 3/8" tubing, replaced 17 jts tubing due to badly corroded pins, mill perforation plugs, land tubing, ran 99 jts 2 3/8" (3102.34') 4.7#, J-55, EUE 8rd set @ 3115.34' w/ expendable mill on bottom and 1.81" ID F-Nipple @ 3082', ND BOP's, choke manifold, HCR valves and blooie line, NU WH, pump off expendable mill, rig down