

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) 561-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1900' FSL & 900' FEL, NW/4 SE/4, SEC 01 T31N R6W

5. Lease Designation and Serial No.
SF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #240

9. API Well No.
30-039-25031

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

- ☐ 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.)*

8-25-1999 MIRU on Rosa Unit 240

8-26-1999 NU, pull tubing, pressure test BOP, choke manifold and HCR valves, PU mill, DC's and DP, mill 4' of liner hanger

8-27-1999 Mill a total of 4 1/2' of liner hanger, COOH, TIH, catch and pull liner, LD 6 jts 5 1/2" liner, TIH w/ underreamer, underream 3016'-3133', repair swivel

8-28-1999 Rig repair, underream to 3197'-TD, COOH. TIH w/ 6 1/4" bit. CO @ TD, returns-hvy reducing to lite 1/4" coal to fines in black wtr. Dry well, flow test—8 mcf/d, three hour SI—290 psi. Surge 2 times w/ air and mist to 1800 psi, returns-coal fines, wtr and gas. Q = 8 mcf/d

8-29-1999 Surge 10 times w/ air and mist to 1900 psi, returns-hvy coal, wtr and gas, TIH, tag @ 3090', CO 3090'-3197', returns-hvy reducing to lite 1/4" coal to fines in dark gray wtr

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

Signed Tracy Ross
TRACY ROSS

Title Production Analyst

Date September 22, 1999

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by _____

Title _____

Date OCT 04 1999

Conditions of approval, if any:

8-30-1999 Dry well, flow test—109 mcfd, COOH to DC's. Surge 8 times w/ air and mist to 1800 psi, returns-hvy coal, wtr and gas. Well bridged on last surge, TIH, tag @ 2880, CO 2880'-2910', returns-hvy 1/4" coal to fines in black wtr

8-31-1999 CO 2880'-3197', returns-hvy 1/4" coal to lite 1/8" coal and shale (90/10) to fines in black to brown wtr. Dry well, flow test - 203 mcfd, produced wtr - 75 bwpd. COOH to DC's, surge one times to 1500 psi, returns-hvy coal, wtr and gas

9-01-1999 Surge 8 times w/ air and mist to 1500 psi (2.5 hr build time), returns-very hvy coal, black wtr and gas, TIH, tag 3115', CO 3115'-3197', returns-hvy 1/8" coal and shale (90/10) to fines in black wtr

9-02-1999 CO 3110'-3197', returns-hvy reducing to lite 1/16" coal to fines in black to brown wtr, dry well, flow test—305 mcfd, COOH to DC's, surge w/ air and wtr to 1600 psi, returns-hvy coal, wtr and gas

9-03-1999 Surge 2 times w/ air and mist to 1600 psi, returns-hvy coal, wtr and gas, TIH, tag and CO bridges @ 2473', 2787' and 2880', CO 2880'-3151', returns-hvy 1/8" coal and shale (90/10) to fines in black wtr

9-04-1999 CO 3142'-3203', returns-hvy 1/8" coal and shale(90/10) to fines in dark gray wtr reducing to lite 1/16" coal, dry well, flow test—508 mcfd, COOH to DC's, surge 2 times w/ air and mist to 1500 psi, returns-lite to med coal, wtr and gas

9-05-1999 Surge 4 times w/ air and mist to 1450 psi, (3 hr buildup), returns-med to hvy coal, wtr and gas, TIH, CO 3079'-3142', returns-hvy 1/8" coal and shale (90/10) to fines in dark gray wtr

9-06-1999 CO 3142'-3203', returns-hvy reducing to lite 1/8" coal and shale (90/10) to fines in dark gray to gray wtr, dry well, flow test—464 mcfd, COOH to DC's, surge w/ air and mist to 1250 psi, (2.5 hr buildup), returns-hvy coal, wtr and gas

9-07-1999 Surge 5 times w/ air and mist to 13000 psi, returns-med to hvy coal in black wtr and gas, TIH, tag 3110', CO 3110'-3173', returns-hvy 1/4" coal and shale (90/10) to fines in black to dark gray wtr

9-08-1999 CO 3173'-3202', returns-med to lite 1/8" coal and shale (90/10) to fines in gray wtr. Dry well, flow test - 362 mcfd, two hr SI—240 psi. Surge 5 times w/ air and wtr to 1550 psi, (3 hr buildup), returns-med coal in black to dark gray wtr and gas

9-09-1999 Break bridge from last surge, TIH, tag 3177', CO from 3085'-3177' w/ 1800 scf air and 5 bph mist, well making very little coal returns, drop one compressor to 900 scf air and 5 bph mist, returns-very hvy 1/8" coal and shale (90/10) to fines in dark gray wtr

9-10-1999 CO @ 3203'-TD, returns-hvy to lite 1/8" coal and shale (90/10) to fines in dark gray wtr, dry well, flow test, surge natural 4 times, 3 hr SI pressures-315, 320, 340 and 340 psi, returns-lite coal and gas

9-11-1999 Surge natural 2 times, 340 & 320 psi, returns-coal fines and gas, TIH, tag @ 3197'-TD, CO @ 3197'-TD, returns-med to lite 1/8" coal and shale (90/10) to fines in gray wtr, dry well, LD 7 jts DP, flow test—508 mcfd, COOH to surge

9-12-1999 Surge 6 times w/ air and mist, 3 hr build up-1200-1400 psi, returns-first three surges, med coal and gas, last three surges, hvy coal and gas

9-13-1999 Surge 1 times w/ air and mist to 1400 psi, returns-hvy coal, wtr and gas, TIH, tag @ 3050', CO 3050'-3142', returns-hvy 1/8" coal and shale (90/10) to fines in black to dark gray wtr

9-14-1999 CO 3142'-3202', returns-hvy reducing to lite 1/8" coal and shale (75/25) to fines in dark brown to gray wtr, coal shale ratio increased to 90/10, dry well, COOH, LD DC's, RU to run liner

9-15-1999 RIH w/ liner, ran 5 jts 5 1/2" (229.74') 17#, N-80, LT&C USS casing w/ LA set on bottom @ 3196' and TIW JGS liner hanger @ 2967', bottom three jts (131/67) had perforation plugs, LD DP, TIH w/ 2 3/8" tubing, mill perforation plugs, COOH w/ mill, TIH w/ expendable check, land tubing, ran 101 jts 2 3/8" (3161.72) 4.7#, J-55, EUE 8rd landed @ 3173.74 w/ expendable check on bottom and 1/81" ID F-nipple @ 3131', ND BOP, NU WH, pump off expendable check, rig down