

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 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)
2035' FSL & 1155' FWL, NW/4 SW/4, SEC 17 T31N R5W

5. Lease Designation and Serial No.
SF-078769

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #207

9. API Well No.
30-039-24281

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.)*

8-17-1999 MIRU

8-18-1999 NU, pressure test stack, all lines and valves to 200 psi and 2000 psi, COOH w/ 2 3/8" tubing, PU underreamer, DC's and DP, TIH, underream 3046' to 3178'(TD), COOH

8-19-1999 COOH w/ underreamer, TIH, tag 3178', CO @ 3178'-TD, returns-lite 1/16" coal in gray wtr, dry well, flow test—TSTM, three hr SI—410 psi, surge 9 times w/ air and wtr to 1900 psi, returns-lite coal fines and wtr

8-20-1999 Surge 7 times w/ air and wtr to 1900 psi, (1900 psi in 50-60 min), returns-lite fines, wtr and air. TIH, tag bridge @ 3130'. CO @ 3178'-TD, returns-med to lite 1/16" coal in gray wtr. Dry well, flow test. Surge 5 times w/ air and wtr to 1900 psi, (1900 psi in 75 min), returns-lite fines, wtr and air

8-21-1999 Surge 8 times w/ air and wtr. Surge 1 time w/ air and rig pump to 2200 psi, 1900 psi w/ air and wtr, returns-coal fines and wtr. TIH, tag @ 3080'. CO 3080'-3178', returns-med 1/8" coal to fines in gray wtr, tight hole. LD 2 jts DP. CO @ 3115', returns-med 1/8" coal to fines in gray wtr

Continued on Back

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

Signed

Tracy Ross
TRACY ROSS

Title PRODUCTION ANALYST

Date September 13, 1999

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

Date

OCT 04 1999

Conditions of approval, if any:

FARMINGTON FIELD OFFICE
BY [Signature]

8-22-1999 CO 3084'-3178', returns-med to lite ¼" coal to fines in black to dark gray wtr, dry well, flow test, surge 8 times to 1900 psi, returns-lite coal and wtr, small flare on last three surges

8-23-1999 Surge 8 times w/ air and wtr to 1900 psi, returns-lite coal and wtr, TIH, tag 3060', CO 3060'-3115', returns-hvy 1/8" coal to fines in black to dark gray wtr

8-24-1999 CO 3115'-3178', returns-hvy reducing to lite 1/8" coal and shale (90/10) to fines in dark gray wtr

8-25-1999 Dry well, flow test, COOH to DC's, surge 6 times w/ air and wtr to 1750 psi, returns-med to lite coal to fines, wtr and gas

8-26-1999 TIH, tag @ 3084', CO 3084'-3178', returns-hvy to med ¼"-1/8" coal and shale (90/10) to fines in black to dark gray wtr

8-27-1999 CO 3147'-3178', returns-hvy ½" coal and shale (70/30) to fines in black wtr

8-28-1999 CO @ 3178'-TD, returns-med to lite ¼" coal and shale (70/30) to fines in black to dark gray wtr, dry well, flow test, pull 20 stands, surge 7 times w/ air and wtr to 1650 psi, returns-lite to hvy coal in black wtr

8-29-1999 Surge 3 times w/ air and wtr to 1800 psi, returns-hvy coal in black wtr. TIH, tag @ 2972', work on junk @ 2972'. COOH, bit has buttons broken on second row in from OD, no marks on OD. WO mills, TIH w/ tapered mill, mill on junk 2972'-2979'. COOH, tapered mill has cutrite removed from taper from the small end (2" OD) up to 4 ½" diameter, very little wear from the 4 ½" diameter to the 6 ¼" diameter. PU concave mill, TIH

8-30-1999 TIH w/ concave mill, tag @ 2973'. Mill 2973'-3006', mill quit making hole, returns-small amt metal filings, sand and shale. COOH, LD mill, mill worn smooth on bottom. TIH w/ 6 1/4" button bit. CO 3006'-3115' in 1 hr, returns-coal and shale. CO 3115'-3146', tight hole, very little returns

8-31-1999 CO 3084'-3146', returns-hvy 3/8" coal and shale (70/30) to fines in black wtr

9-01-1999 CO 3115'-3178', returns-hvy ¼"-1/8" coal and shale (70/30) to fines in brown wtr

9-02-1999 CO 3146'-3178', returns-hvy to lite 1/8" coal and shale (70/30) to fines in brown wtr, dry well, flow test, COOH to change bit, TIH, surge w/ air and mist to 1500 psi, returns-hvy coal in black wtr

9-03-1999 Surge w/ air and mist to 1500 psi, returns-hvy coal in black wtr, CO bridge @ 2970'-2991', well unloaded, stuck pipe, work stuck pipe, RU free point, free point pipe, pipe stuck @ 2316'

9-04-1999 Free point, back off, left 3 DC's, bit sub and bit in hole, bit @ 2975', circ on top of fish, COOH, TIH w/ screw in sub, jars and accelerator, TIH, screw into fish, jar on fish, drive fish down hole, work fish uphole 4'

9-05-1999 Work stuck pipe, jar up and drive down, had ~ 30' travel. RU back off truck, made three shots @ bit sub and one shot at top of 1st collar, could not make back off. Made one shot in screw in sub in top of fish, back off successful. COOH, LD and load out fishing tools. Set cast iron bridge plug in 7" @ 2862' (7" shoe @ 3041'). PU whipstock, TIH, cut window in 7" casing

9-06-1999 Mill window in casing w/ starter mill, COOH, LD starter mill, PU window mill and watermelon mill, TIH, mill window from 2852'-2866', COOH, PU 6 ¼" bit and 4 DC's, TIH, drill from 2866'-3178', LD 12 jts, COOH

9-07-1999 COOH after drilling new sidetrack hole, PU underreamer, TIH, underream from 2885'-3178', circulate hole, COOH and LD underreamer, PU 6 ¼" bit, TIH

9-08-1999 CO @ 3178'-TD, returns-lite 1/8" coal to fines in gray wtr, dry well, flow test, surge 7 times w/ air and mist to 1600 psi, (2.5 hr buildup), returns-med coal, large amt wtr and good gas flare, 20' gas flare

9-09-1999 TIH, CO 3085'-3178' w/ 900 scf air and 5 bph mist, returns-med to lite 1/16" coal and shale (70/30) in red wtr, dry well, flow test, natural surge, 3 hr SI—220 psi, returns-coal fines, wtr and gas

9-10-1999 Surge natural 6 times, 3 hr SI pressure-220, 220, 210, 215, 230 and 250, returns-gas, TIH, tag 3153', CO 3153'-3178', returns-med to lite 1/8" coal and shale (70/30) to fines in dark gray wtr, dry well

9-11-1999 Dry well, flow test—62 mcfd, surge w/ natural pressure buildup, 3 hr buildup-240 psi, returns-gas and mist, TIH, CO @ 3178'-TD, returns-lite 1/8" coal and shale (70/30) in dark gray wtr, dry well, flow test, COOH, LD DC's, change rams, RU to run liner

9-12-1999 Run 9 jts 5 ½" liner, 416.73' set @ 3178' w/ liner top @ 2761', jts 7 & 9 had perforation plugs. LD DP, TIH w/ tubing, mill perforation plugs, land 102 jts 2 3/8" tubing (3158.81') set @ 3170'81" w/ 1.81" F-nipple @ 3139'. ND BOP, NU master valve, pump off expendable mill. Release rig