

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

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

070 FILLINGTON, NM

5. Lease Designation and Serial No.
SF-078767

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

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AUG 24 1999

OIL CON. DIV.
DIST. 3

If Unit or CA, Agreement Designation
ROSA UNIT

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
ROSA UNIT #227

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-25063

3. Address and Telephone No.
PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
300' FSL & 225' FWL, SE/4 SW/4, SEC 07 T31N R5W

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.)*

7-02-1999 MI RU, ND WH, NU BOP, manifold, HCR valves and blooie lines

7-03-1999 Pressure test stack, COOH w/ tubing, TIH w/ liner hanger mill, mill hanger, COOH, TIH w/ spear and jars, catch liner, COOH, RU to LD liner

7-04-1999 LD 6 jts 5 1/2" liner, TIH w/ underreamer, underream 3208'03385', COOH, TIH w/ 6 1/4" bit, CO @ TD, returns-coal fines in gray wtr, dry well, flow test through 3/4" choke, SI pressure - 125 psi in 75 min. Q = 44 mcfd

7-05-1999 Surge 9 times w/ air and wtr to 2000 psi, returns-lite to hvy coal in black wtr, TIH, tag 3224', CO 3224'-3300', returns-hvy coal to fines in black wtr

7-06-1999 CO 3300'-3385', returns-hvy to lite 1/16" coal to fines in dark gray to gray wtr, dry well, flow test through 3/4" choke—232 mcfd, produced wtr rate—75 bwph, surge 2 times, returns-hvy coal on 2nd surge, well bridged. TIH, tag 3285'. CO to 3385'-TD, returns-hvy to med 1/16" coal to fines in black to gray wtr. Q = 232 mcfd, 75 bwph

Continued on Back

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

Signed

TRACY ROSS

Title Production Analyst

Date August 3, 1999

(This space for Federal or State office use)

Approved by

Title

Date

FOR RECORD

Conditions of approval, if any:

AUG 19 1999

7-07-1999 CO to 3385'-TD, returns-med to lite 1/16" coal to fines in gray wtr. Dry well, flow test through 3/4" choke—218 mcf/d, surge 2 times w/ air and wtr to 1800 & 1650 psi, returns-hvy coal, gas and wtr. TIH, CO to TD, dry well, flow test through 3/4" choke—276 mcf/d. Surge 2 times w/ air and wtr to 1650 & 1850 psi, returns-hvy coal, gas and wtr. TIH, tag 3220'. CO to 3331', returns-hvy to med 1/16" coal, gas and wtr. Q = 276 mcf/d

7-08-1999 CO to 3385'-TD, returns-med to lite 1/16" coal to fines in dark gray wtr. Dry well, flow test through 3/4" choke - 247 mcf/d. Surge 2 times to 1550 psi, returns-hvy coal, gas and wtr, well bridged on 2nd surge, CO bridges. CO 3200' - 3385', returns-hvy 1/16" coal to fines in black wtr. Q = 247 mcf/d

7-09-1999 CO 3362'-3385', returns lite 1/16" coal to fines in gray wtr. Dry well, flow test. COOH to DC's, surge one time to 1275 psi, well bridged @ bit-300'. CO bridge, TIH, tag 1248'. CO bridge 1242'-1395'. TIH, tag @ 3341'. CO to 3385'-TD w/ 1800 scf air and 5 bph mist w/ 5 bbl sweeps hourly, returns-hvy to lite 1/16" coal to fines in black to gray wtr. Q = 261 mcf/d, 50 bwpd

7-10-1999 CO @ 3385'-TD, returns-med to lite 1/16" coal to fines in dark gray wtr, dry well, flow test—average 406 mcf/d, pull 10 stands, surge 6 times w/ air and wtr to 1175 psi, returns-lite coal in hvy mist. Q = 406 mcf/d

7-11-1999 Build and release 6th surge to 1175 psi, returns-med coal in dark gray wtr, TIH, tag @ 3364', CO 3364'-3385', returns-hvy 1/8" coal and shale (90/10) to fines in black wtr reducing to lite 1/16" coal to fines in gray wtr

7-12-1999 Dry well, flow test—247 mcf/d, pull 20 stands, surge 5 times to 1250 psi, returns-hvy coal, wtr and gas, TIH, tag 3375', CO @ TD, returns-hvy 1/8" coal to fines in dark gray wtr. Q = 247 mcf/d

7-13-1999 CO @ 3385'-TD, returns-hvy 1/16" coal and shale (90/10) to fines in black to dark gray wtr, dry well for test

7-14-1999 LD 7 jts, flow test, COOH w/ 27 stands, surge 8 times w/ air and mist to 1225 psi, returns, hvy coal and black dust, air and gas. Q = 348 mcf/d

7-15-1999 Surge once w/ air and wtr to 1250 psi, returns-hvy coal, bridged in casing below bit, CO bridge in casing, TIH, tag @ 3362', CO 3362'-3385', returns-hvy 1/8" coal and shale (80/20) to fines in black to dark gray wtr

7-16-1999 CO @ 3385'-TD, returns-hvy reducing to lite 1/16" coal and shale (90/10) to fines in black to dark gray wtr, dry well, flow test—653 mcf/d (wet test). Q = 653 mcf/d

~~**7-17-1999** Flow test, COOH w/ 30 stands, surge 9 times w/ air and mist to 1175 psi, returns-hvy coal and fines. Q = 653 mcf/d~~

7-18-1999 Surge one times w/ air and mist to 1250 psi, returns-gas and dark gray wtr. TIH, tag @ 3380'. CO @ 3385'-TD, returns-lite coal fines in dark gray wtr, dry well, flow test. Surge 2 times @ shoe, pull 25 stands DP, surge 3 times w/ air and wtr to 1300 psi, returns coal fines, gray wtr and gas. Q = 348 mcf/d

7-19-1999 Surge 1 time w/ air and mist to 1300 psi, returns-coal fines in dark gray wtr. CO @ 3385'-TD, returns-med to lite coal fines in dark gray to gray wtr. Dry well, flow test, pull 30 stands DP, natural surge 3 times, 3 hr pressures-380, 360 and 440 psi, returns-dark water and gas. Q = 348 mcf/d

7-20-1999 Surge natural 6 times, 3 hr SI's 380, 360, 440, 460, 440 & 450 psi, returns-mist and gas, TIH, CO @ 3385'-TD, returns-lite coal fines in gray wtr, COOH, LD DC's, change pipe rams, RU to run liner

7-21-1999 PU liner set shoe, 6 jts 5 1/2" liner and liner hanger. TIH, hang liner 1' off bottom @ 3385', release liner hanger. Ran 6 jts (262.30) 5 1/2", 17#, N-80, USS casing set @ 3385', top of TIW JGS hanger @ 3123'. Ran 1 perforated jt, 1 non-perforated, 2 perforated jts and 2 non-perforated jts. COOH, LDDP, PU expendable mill, reran 107 jts 2 3/8" 4.7#, J-55 EUE 8 rd tubing w/ 1.81" ID F-nipple @ 3330". ND BOP's, NU master valve, pump off expendable mill, Release rig