

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

2004 DEC 2 AM 10

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 FARMINGTON

Lease Designation and Serial No.
SF-078765

If Indian, Allottee or Tribe Name

If Unit or CA, Agreement Designation

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 25-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1645' FSL & 2180' FEL, SW/4 SE/4 SEC 15-31N-06W

8. Well Name and No.
ROSA UNIT #222A

9. API Well No.
30-039-27825

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 ☐ Completion

Change of Plans
New Construction
Non-Routine Fracturing
Wtr Shut-Off
Conversion to Injection
Dispose Wtr
(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.)*

10-18-2004 MIRU, csg pressure - 950 psi. NU blooie line. PU bit & 8 - 3/4" DC's. PU 2 7/8 AOH DP. Unload well @ 7" casing shoe, circulate, SI well for natural surge, SDON.

10-19-2004 Csg pressure - 550 psi, shut in overnight for 14hrs. Release natural surge, returns - coal fines. TIH to TD, no fill. Circulate @ TD w/air mist, returns - light coal fines. Pull into 7" casing. Surge 8 times w/ air mist, 1 hr compressor time, pressure to 1800 psi, returns - light to medium coal.

10-20-2004 Surge 1 time w/air mist, 1 hr compressor time, pressure to 1800 psi, returns - light to medium coal. Well flowing to pit, night crew did not SI well @ 3 AM. TIH, tag TD, no fill. C/O @ TD w/air & 12 bph mist, returns - light 1/3" coal to fines. TOH, RU Black Warrior Wireline. Perforate the coal intervals from 3146 - 3174' & 3032' - 3046'. RD Black Warrior, TIH. C/O @ TD w/air & 12 bph mist, returns - light to medium 1/8" coal to fines. Pull into 7" casing. Surge 6 times w/air mist, 1 hr compressor time, pressure to 1200-1300 psi, medium to light coal & water.

10-21-2004 Surge 1 time w/air mist, 1 hr compressor time, pressure - 1300 psi, medium to light coal & water. SI well for natural surge. Casing pressure - 600 psi, release natural surge, returns - med 1/8" coal to fines. TIH, tag @ 3070'. C/O to 3100' w/air mist, well making hvy 1/4" to fines. Hole fell in, pressure up on backside w/air, work pipe, pulled 5' of pipe, hole tight, weight bleeds off very slowly, left well SI overnight w/pressure on backside & tension in DP.

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date November 11, 2004

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

DEC 06 2004

FARMINGTON FIELD OFFICE
BY JB

10-22-2004 Casing pressure - 500 psi. Work stuck pipe, surge pressure off backside, pressure up back side to 1000 psi 2 times and surge, work pipe, no movement, manually back off drill pipe several jts down, pull 4 jts, remove string float, screw back into fish. Rig up Wireline Specialties, back off drill pipe one jt above drill collars. TOH w/ drill pipe. Pick up bumper sub, jars, 6 4 3/4" DC's and intensifier. TIH, screw into fish. Jar up and down on fish, could move fish 12' by jarring. Secure location, SDON, SI well till AM.

10-23-2004 Casing pressure-700 psi, jar on stuck pipe, jar fish free. TOH w/ fish, LD 6 fishing DC's and fishing tools, TOH w/ fish. TIH w/ bit and DC's, PU power swivel. CO to 3050', bottom of top coal, returns-heavy 1/2" coal to fines reducing to light 1/4" coal to fines. Pull into 7" casing. Surge 6 times w/ air mist, 1 hr compressor time, pressure to 1400 psi, returns-med to light coal and water.

10-24-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure-1400 psi, returns-med to light coal and water. SI for natural surge, casing pressure-650 psi. Release natural surge, returns-med coal and water. TIH, tag @ 3037', CO to 3050', bottom of top coal, returns-heavy 1/4" coal to fines in black water reducing to light 1/4" coal in clear water. Pull into 7" casing. Surge 5 times w/ air mist, 1 hr compressor time, pressure to 1400 psi, heavy coal returns.

10-25-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure-1400 psi, heavy coal returns. SI well for natural surge, casing pressure-590 psi. Release natural surge. Tag fill under bit @ 3000'. CO to 3065' w/ air and 10 bwph w/ 5 bbl sweeps hourly, returns-heavy 1" coal and smaller to fines in black to brown water, returns reduced to light 1/4". Natural surge w/ 3 hr SI's, pressure to 500 psi, returns-heavy to medium coal.

10-26-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure-1400 psi, heavy coal returns. SI for natural surge, casing pressure-550 psi. Release surge, returns-heavy coal and water. TIH, tag @ 3030', CO to 3065' w/ air mist and 10 bph, returns-heavy 1/2" coal to fines reducing to light fines, tight hole @ 3060'. Dry well, Pull into 7" casing. Natural surge 5 times w/ air and 6 bph, 1 hr compressor time, pressure 1100 to 1150, returns-heavy coal and water.

10-27-2004 Natural surge 1 time w/ air and 6 bph, 1 hr compressor time, pressure-1150 psi, returns-heavy coal and water. SI well for 4 hrs, casing pressure-600 psi. Release natural surge, returns-heavy coal and water. TIH, tag @ 3050', CO to 3065' w/ air and 40 bph, returns-heavy 1/4" coal to fines reducing to light 1/4" coal. Make connection, hole tight @ 3065', LD jt. CO to 3065', heavy 1/4" coal to fines reducing to light 1/4" coal. Natural surge 2 times w/ 3 hr SI's, pressure-500 psi, returns-med coal and water.

10-28-2004 Natural surge 1 time w/ 3 hr SI's, pressure-500 psi, returns-med coal and water. SI for natural surge, casing pressure-600 psi. Release surge, returns-medium coal and water, TIH, tag @ 3050'. CO to 3065' w/ air and 40 bph mist, returns-heavy 1/2" coal reducing to light 1/4" coal to fines in dark brown water. CO to 3125' w/ air and 40 bph mist, returns-med to light 1/4" coal to fines in brown water. CO @ 3065' w/ air and 40 bph mist, returns-heavy 1/2" coal to fines in dark brown water, returns reducing to light 1/4" coal to fines in brown water. Dry well, pull into 7" casing. Natural surge 2 times w/ 3 hr SI's, pressure-500 psi, returns-med coal and water.

10-29-2004 Natural surge 1 time w/ 3 hr SI's, pressure-500 psi, returns-med coal and water. SI well for 4 hrs, casing pressure-600 psi. Replace both HCR valves, valves were leaking. Release surge, returns-med coal and water, TIH, tag @ 3050'. CO to 3084' w/ air and 40 bph, returns-heavy 1/2" coal to fines reducing to light 1/4" coal to fines, hole tight to 3084'. Dry well, pull into 7" casing. Natural surge w/ 3 hr SI's, pressure to 500 psi, returns-medium coal and water.

10-30-2004 Natural surge 1 time w/ 3 hr SI, 500 psi, med coal and fines. SI for natural surge, casing pressure-600 psi. Release natural surge, returns-med coal and water. TIH, tag @ 3050'. CO to 3120' w/ air and 40 bph, returns-heavy 1/4" coal to fines in dark brown to black water, hole got tight, pull to 3065', dry well. Pull bit to 7" casing. Natural surge w/ 2 hr SI, pressure-300 psi, returns-gas only.

10-31-2004 TIH, tag @ 3050'. CO to TD, 3175', heavy 1/2" coal to fines in black to brown water reducing to light fines, hole got tight, pull into 7" casing. Surge well 4 times w/ air mist, 2 hr compressor time, pressure - 1300 psi, returns - heavy coal & water.

11-01-2004 Surge well 1 time w/ air mist, 2 hr compressor time, pressure-1300 psi, returns-heavy coal and water. SI well for 4 hrs, casing pressure-700 psi. Release natural surge, returns-medium coal and water. CO to 3080' w/ air and 40 bph, returns-med to light 1/4" coal to fines in brown water. Pull into 7" casing. Surge 4 times w/ air mist, 2 hr compressor time, pressures 1300 to 1500 psi, returns-heavy coal and water.

11-02-2004 Surge 1 time w/ air mist, 2 hr compressor time, pressure-1500 psi, returns-light coal and water. SI well for 4 hrs, casing pressure-200 psi. Release surge, returns-gas, had bridge under bit in 7" casing @ 3005', unload hole. CO 5' bridge, TIH, tag @ 3050'. CO to 3080' w/ air and 12 bph mist, returns-heavy coal fines in brown viscous water, CO to 3110', returns-medium coal fines in brown water, hole got tight, LD 1 jt, CO @ 3080', returns-heavy 1/4" to fines in brown water reducing to med to light 1/4" coal to fines. Dry well, pull into 7" casing. Natural surge 2 times w/ 3 hr SI's, pressure-500 psi, returns-med coal and mist.

11-03-2004 Natural surge 1 time w/ 3 hr SI's, pressure-500 psi, returns-med coal and mist. SI well for 4 hrs, casing pressure-500 psi. Release natural surge, returns-med coal and mist. TIH, tag @ 3060'. CO to 3112' w/ air and 12 bph mist w/ 5 bbl sweeps hourly, returns-heavy 1/4" coal to fines in brown water, LD and PU jt from 3081' to 3112' three times due to tight hole, returns reduced to med to light 1/4" coal to fines. Dry well, pull into 7" casing. Natural surge 2 times w/ 3 hr SI's, 600 psi, returns-light coal and mist.

11-04-2004 Natural surge 1 time w/ 3 hr SI, 600 psi, returns-light coal and mist. SI well for 4 hrs, casing pressure-600 psi. Release natural surge, returns-coal dust and mist. TIH, tag @ 3080'. CO w/ air and 40 bph to 3120', had to LD and PU last jt 2 times due to tight hole, returns-heavy reducing to light 1/4" coal to fines in brown water.

11-05-2004 TIH, tag @ 3060', CO to TD (3175') w/ air and 60 bwph, returns-heavy 1/4" coal to fines reducing to light fines in brown water. Circ @ TD, returns-light fines in brown water. Dry well, pull into 7" csg. Natural surge 2 times w/ 3 hr SI's, pressure to 600 psi, returns-light coal and mist.

11-06-2004 Natural surge 7 times w/ 3 hr SI's, pressure to 600 psi, returns-light fines and mist.

11-07-2004 Natural surge 7 times w/ 3 hr SI's, pressure to 600 psi, returns-light fines and mist.

11-08-2004 Natural surge 1 time w/ 3 hr SI's, pressure to 600 psi, returns-light fines and mist, SI well for 4 hrs, 600 psi. Csg pressure-600 psi, release surge, light fines and mist. TIH, tag @ 3030'. CO to TD w/ air and 40 bwph, returns-heavy 1/4" coal to fines in brown war, reducing to light fines. Surge w/ air mist 3 times, 2 hr compressor time, pressure-1050 psi, returns-heavy coal and water.

11-09-2004 Surge w/ air mist 1 time, 2 hr compressor time, pressure-1050 psi, returns-heavy coal and water. SI for 4 hrs. Csg pressure-600 psi. Release surge, returns-med coal and water. TIH, tag @ 3030'. CO to TD w/ air and 40 bwph, returns-heavy ¼" coal to fines in brown water, heavy 1/2" coal to fines on bottom, returns reduced to fines in gray water. Surge 3 times w/ air mist, 2 hr compressor time, pressure-heavy coal and water.

11-10-2004 Surge 1 time w/ air mist, 2 hr compressor time, pressure-1000 psi, heavy coal and water. SI for 4 hrs. Csg pressure-600 psi, release surge, returns-coal and mist. TIH, tag @ 3030'. CO to TD w/ air and 40 bwph, heavy ¼" coal to fines in brown water, returns reduced to light fines in gray water. Surge 3 times w/ air mist, 2 hr compressor time, pressure-1000 psi, returns-heavy coal and water.

11-11-2004 Natural surge 3 times w/ 3 hr SI's, 600 psi, med coal and mist, surge 5 times w/ air mist, 2 hr compressor time, pressure-1100 psi, returns-heavy coal and water.

11-12-2004 Surge 1 time w/ air mist, 2 hr compressor time, pressure-1100 psi, returns-heavy coal and water. SI for natural surge. Csg pressure-600 psi. Release surge, returns-med coal and water. TIH, tag @ 3000'. CO to TD w/ air and 40 bwph, returns-heavy 1" coal to fines in black water reducing to light 1/4" coal, hole got tight on bottom 2 times, had to LD 3 jts DP, clean out back to bottom, heavy coal returns from upper coal reducing to light ¼" in brown water. Surge w/ air mist 2 times, 2 hr compressor time, pressure-1000 psi, returns-heavy coal and water.

11-13-2004 Surge w/ air mist 8 times, 2 hr compressor time, pressure-1000-1100 psi, returns-heavy coal and water.

11-14-2004 Surge w/ air mist 8 times, 2 hr compressor time, pressure-1100-1200 psi, returns-heavy coal and water.

11-15-2004 Surge w/ air mist 1 time, 2 hr compressor time, pressure-1200 psi, returns-medium coal and water. SI for natural surge. Csg pressure-720 psi. Release natural surge, returns-coal fines and mist. TIH, tag @ 3030'. CO to TD w/ air and 40 bwph, returns-heavy ¼" coal to fines in black water, returns reducing to light coal fines in brown water. Natural surge 2 times, 3 hr SI, pressure-600 psi, returns-coal fines and mist.

11-16-2004 Natural surge 1 time, 3 hr SI, pressure - 600 psi, returns - coal fines & mist. SI for 4 hrs, casing pressure - 600 psi. Release surge, returns - coal fines & mist. TIH, tag @ 3030'. CO to TD w/air & 40 bph mist, returns - heavy ¼" coal to fines in brown water, returns reducing to light fines.

11-17-2004 Flow well through 2" line, TIH, tag @ 3030'. CO to 3175' TD w/ air and 30 bph, returns-heavy ¼" coal to fines reducing to light fines. TOH, LD DC's, RU San Juan Csg. Run 5 jts 5 ½" csg, RD csg crew. TIH, tag @ 3030', PU power swivel, wash 90' to 3175' TD. Stand liner on bottom @ 3175' as follows: 5 jts 5 ½" (196.45'), 17#, N-80, LT&C casing w/ LA set shoe on bottom and H latch @ 2981'. LD DP, load out setting tool, secure location, SDON.

11-18-2004 Csg pressure-600 psi, RU Computalog to perforate, blow well down through 2" line. RIH w/ perf gun, perf Fruitland Coal w/ 3 1/8" HSC, 0.50" holes, 15 gram charge, 120 degree phasing, 4 spf at the following intervals: 3030' - 3050', 3062' - 3072', 3080' - 3090' and 3140' - 3170', a total of 280 holes. RD Computalog. Strap and PU 2 ¼" tbg, land tbg @ 3160' as follows: orange peeled mud anchor on bottom, 2.25" ID "F" nipple @ 3131', 101 jts 2 ¼" (3147.83'), 6.5#, J-55 EUE 8rd tbg. RD floor, ND BOP's & blooie lines. NU WH, pressure test secondary seal.

11-19-2004 RD air equipment and unit, release rig @ 1200 hrs, 11/19/04.