

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)
1850' FNL & 1700' FEL, SW/4 NE/4, SEC 12 T31N R6W

5. Lease Designation and Serial No.
SF-078767

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #226

9. API Well No.
30-039-24494

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 Sidetrack and Cavitate 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.)*

8-09-1999 MIRU. SICP = 1450 psi, SITP = 450 psi, blow well down. NDWH, NUBOP stack & blooie lines. Pres test BOPs to 2000 psi. Unseat donut, tally out w/prod tbg. WL set 5 1/2" CIBP @ 2900'. TIH w/whipstock w/4 3/4" starter mill & set @ 2900'. Mill top of window @ 2889' w/10 bph air/soap mist. TOOH w/starter mill. TIH w/4 3/4" window mill & string mill. Start milling on window

8-10-1999 Mill & dress up window from 2889'- 2895', drill 6' of open hole to 2901'. Circ clean. TOOH w/mills. Tally in w/4 3/4" bit, bs, flt, 10 3 1/2" dc's & 82 jts 2 7/8" DP. RU power swivel & break circ w/10 bph air/soap mist. Drlg f/2901'- 3106'(td) w/12,000 WOB & 45-50 rpm, run surveys. TOOH w/bit, TIH w/Baker 8" locomatic under reamer, break circ & open arms. Under ream from 2907'- 3045' w/10 bph air/soap mist. New TD = 3106'

8-11-1999 Under ream from 3045'- 3106' (TD). TOOH w/under reamer. TIH w/bit & tag 10' of fill @ 3096'. CO to TD w/10 bph air/soap mist, ret's lite coal & shale. Blow well dry, PU bit to 2880'. SI for 4 hr natural build up = 60 psi. Surge from 2880' (10 times) w/3 bph air/soap mist, ret's lite mist. TIH & check for fill, no fill. Blow well from TD w/10 bph air/soap mist, ret's lite coal & shale. Blow well dry & PU bit to 2880'. Surge (4 times) w/3 bph air/soap mist, ret's lite mist

Continued on Back

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

Signed Tracy Ross
TRACY ROSSO

Title Production Analyst Date September 8, 1999

(This space for Federal or State office use)

Approved by _____

Title _____

ACCEPTED FOR RECORD

Conditions of approval, if any:

SEP 11 7 1999

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON FIELD OFFICE
BY SMC

8-12-1999 Surge well from 2880' (7 times) w/3 bph air/soap mist, pres @ 1000 psi, ret's lite mist. TIH & tag 4' of fill. CO. Blow well from TD w/5 bph air/soap mist, ret's trace coal & lite shale. Blow well dry & PU bit to 2880'. Surge well (11 times) w/3 bph air/soap mist, pres @ 1200 psi, ret's lite soap mist. Surge natural, 2 hr build up = 60 psi

8-13-1999 Surge well from 2880' w/3 bph air/soap mist, pres @ 1200 psi, ret's lite mist w/trace coal/shale. Tag fill & CO. Blow well dry & PU bit to 2880'. Surge well from 2880' w/3 bph air/soap mist, pres @ 1400 psi, ret's lite mist w/trace coal/shale. Attempt break over w/air only, pres @ 1820 psi, no break. Surge well w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1600 psi, lite ret's. Surge natural, 2 hr build up = 60 psi

8-14-1999 Surge from 2880' (4 times) w/5 bbls prod wtr 7 ½ gal soap ahead, pres @ 1600 psi, ret's lite coal & shale. TIH, tag & CO bridges @ 2956' & 3010' w/6 bph air/soap mist. Tag 5' of fill @ 3101' & CO to TD. Blow well from TD w/6 bph air/soap mist, ret's lite coal & shale. Blow dry, PU bit to 2880'. Surge (9 times) w/3 bph air/soap mist, ret's lite coal & shale

8-15-1999 Surge well from 2880' w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1600 psi, ret's lite coal & shale. TIH & tag bridge @ 3020', CO to 3106' w/6 bph air/soap mist, ret's med-hvy shale & lite coal. Blow well from TD w/6 bph air/soap mist, run 5 bbl sweeps, med ret's = 50% coal & 50% shale. Blow dry & PU bit to 2946'. Surge from 2946' w/3 bph air/soap mist, pres @ 1600 psi, ret's lite coal & shale. Natural surge, 1 hr build up = 80 psi. Surge from 2946' w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1600 psi, ret's lite coal & shale

8-16-1999 Surge well from 2946' (4 times) w/3 bph air/soap mist, pres @ 1600 psi, ret's lite coal & shale. Surge (4 times) w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1600 psi, ret's lite coal & shale. Well bridged off on 4th surge. Attempt to break circ, pres @ 1900 psi & wouldn't circ. Work & lay down 1 jt 2 7/8" DP & hang up @ 2907' (7' outside window). Attempt to work stuck pipe free, w/o wireline

8-17-1999 Surge well from 2946' (4 times) w/3 bph air/soap mist, pres @ 1600 psi, ret's lite coal & shale. Surge (4 times) w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1600 psi, ret's lite coal & shale. Well bridged off on 4th surge. Attempt to break circ, pres @ 1900 psi & wouldn't circ. Work & lay down 1 jt 2 7/8" DP & hang up @ 2907' (7' outside window). Attempt to work stuck pipe free, w/o wireline

8-18-1999 Wash over fish from 2896'- 2907'. TOOH w/wash pipe. TIH w/jars & bumper sub, chase fish to btm. Break circ w/5 bph air/soap mist, wash down & screw into fish @ 3040'. TOOH w/fish, LD & load out tools. TIH w/4 ¾" bit & tag bridge @ 3055'. RU power swivel, break circ & CO from 3055'-3107'(td) w/6 bph air/soap mist. Blow well f/3107' w/8 bph air/soap mist & 5 bbl sweeps, med-hvy ret's = 80% coal & 20% shale. Blow well dry & PU bit to 3045'. Break over @ 1750 psi w/air only. Natural surge, 2 hr build up press = 210 psi, flow nat

8-19-1999 Natural surge, 2 hr build up = 130 psi, ret's lite mist. Surge from 3045' (4 times) w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1600 psi, ret's lite coal & shale. TIH, tag & CO bridge @ 3080' tag 4' of fill @ 3104', CO to TD w/6 bph air/soap mist. Blow well from 3107' w/6 bph air/soap mist, med-hvy ret's = 60% coal & 40% shale. Blow well dry & PU bit to 3045'. Break over w/air only @ 1840 psi, ret's lite coal & mist. Surge from 3045' (4 times) w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1800 psi, ret's med coal & shale

8-20-1999 Surge well from 3045' w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1800 psi, ret's hvy coal = dust to coffee ground size. Natural surge (2 times) 1st 3 hr SI = 225 psi, 2nd 4 hr SI = 300 psi, ret's med wtr & lite coal fines. Tag 2' of fill & CO. Blow well from TD w/6 bph air/soap mist & 5 bbl sweeps, med ret's = 80% coal & 20% shale. Blow well dry & PU bit to 3045'. Surge well from 3045' (6 times) w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1800 psi, ret's = med-hvy coal fines

8-21-1999 Surge well from 3045' w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1800 psi, med-hvy ret's = 70% coal & 30% shale, bridge off & stick pipe. Work pipe free & break circ w/6 bph air/soap mist. CO from 3045'- 3107' ret's hvy coal & shale. Blow well from TD w/6 bph air/soap mist, med ret's = 70 % coal & 30% shale. Blow well dry. Flow natural, TOOH w/bit. Surge well from surface w/5 bbls & 1 gal soap ahead, pres @ 1600 psi, hvy ret's = 50% coal & 50% shale

8-22-1999 Surge well from surface w/5 bbls & 1 gal soap ahead, pres @ 1600 psi, med ret's = 50% coal & 50% shale. Surge natural, 2 hr build up = 160 psi, ret's lite mist. TIH & tag fill @ 3025', break circ w/6 bph air/soap mist. CO from 3025'- 3040' ret's hvy coal & shale, bridge off & start hanging up. PU bit to 2917' & start over. Bridge off, PU bit & start over 2 more times. CO to 3050' & stay alive

8-23-1999 CO to 3107' w/6 bph air/soap mist, (bridge off, PU bit & start over 2 times). Blow well from TD w/6 bph air/soap mist, med-hvy ret's = 70% coffee ground size coal & 30% shale up to ½" in size. Blow well dry, LD 8 jts & PU bit to 2886'. TOOH w/bit. Replace sec of blooie line w/hole in it. Surge from surface w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1500 psi, hvy ret's = 50% coal & 50% shale

8-24-1999 Surge well from surface (7 times) w/6 bbls prod wtr & 1 gal soap ahead, pres @ 1600 psi, hvy ret's = 50% coal & 50% shale, coal = dust to 1" in size. Flow natural 2 hrs after each surge. 5th surge returns extra hvy, plugged #1 blooie line

8-25-1999 Surge well from surface (1 time) w/5 bbls ahead & ½ gal soap, pres @ 1600 psi, ret's clean soap mist (bridge off). TIH & tag bridge @ 2950'. RU power swivel & break circ w/6 bph air/soap mist. CO from 2950'- 3107', med-hvy ret's = 50% coal & 50% shale. Blow well from TD w/6 bph air/soap mist, lite ret's = 80% coal & 20% shale. Blow well dry. TOOH w/bit. Natural surge, 3 hr build up = 190 psi. flow natural. Surge well from surface (3 times) w/6 bbls & ½ gal soap ahead, pres @ 1600 psi, hvy ret's = 50% coal & 50% shale

8-26-1999 Surge from surface w/5 bbls ahead & 1/2 gal soap, pres @ 1600 psi, ret's lite coal fines, bridge off. TIH & tag bridge @ 2950'. Break circ w/6 bph air/soap mist. CO bridges @ 2950'-2970' & 3007'- 3030'. Blow well from TD w/6 bph air/soap mist, ret's lite coal & shale. Blow well dry, PU bit to 2930'. Natural surge, 4 hr build up = 230 psi. TIH & tag bridge @ 3045'. C/O & work on bad spot @ 3045'- 3055'. Blow well from TD w/6 bph air/soap mist, ret's lite coal & shale. Blow well dry

8-27-1999 MU-hanger, TIH w/4" liner, hang off @ 3106', top of liner @ 2829'. TOOH laying down w/2 7/8" DP. CO to run 2 3/8" tbg. TIH w/mill. Mill out perfs. TOOH w/mill. TIH w/prod tbg, land @ 3073' KB w/98 jts 2 3/8" tbg. NDBOPs & blooie lines, NUWH. Release rig