

In Lieu of  
Form 3160  
(June 1990)

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.

070 FARMINGTON, NM

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) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
965' FSL & 1185' FWL, SW/4 SW/4, SEC 21 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 #263

9. API Well No.  
30-039-24984

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.)\*

9-13-1999 MIRU service unit. NDWH, NU BOP equipment. Rig up blooe lines and choke manifold. Pressure test BOP equipment to 1000 psi with rig pump, test OK. Pull doughnut and TIH with 116 joints of 2 3/8" production tubing. Change rams for 3 1/2" drill pipe. Prepare to pick up drill pipe. Pick up a 6 1/4" bit, 10 4 3/4" drill collars and 3 1/2" drill pipe. TIH with same

9-14-1999 Pick up 3 1/2" drill pipe. TIH, tag fill at 3685' (6' of fill). Clean out from 3665' to 3691' with 1800 cfm air, 5 bph H2O mist. TOOH, PU under reamer. TIH to 3555', under ream from 3555' to 3691', open hole from 6 1/4" to 9 1/2". TOOH, LD under reamer. TIH with bit, tag fill at 3687' (4' of fill). Clean out from 3665' to 3691' with 1800 cfm air, 5 bph H2O mist

9-15-1999 Clean out from 3665' to 3691' with 1800 cfm air, 5 bph H2O mist. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a 3/4" choke as follows: 15 min-2.5# = 210 mcfd, 30 min-2# = 203 mcfd, 45 min-2# = 203 mcfd, 60 min-2# = 203 mcfd. Had 15' flare, dry gas. Cavitate well. Surge 12 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 2000 psi in 1 hr, flow back 1/2 hr. Had heavy amounts of water mist and very light coal dust on flow back

Continued on Back

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

Signed

Tracy Ross  
TRACY ROSS

Title Production Analyst

Date October 6, 1999

(This space for Federal or State office use)

Approved by

Title

Date

10/11/1999

Conditions of approval, if any:

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.

**9-16-1999** Flow back last surge. TIH, tag fill at 3685'. Had 6' of fill. Clean out from 3665' to 3691' with 1800 cfm air, 5 bph H2O mist. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a 3/4" choke = 203 mcf. Had 10' flare, dry gas. Cavitates well. Surge 11 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 2000 psi in 1 hr, flow back 1/2 hr. Had heavy amounts of water mist and very light coal dust on flow back

**9-17-1999** Flow back last surge. TIH, tag fill at 3680'. Had 11' of fill. Clean out from 3665' to 3691' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines from dust to 3/4" in size. Coals appear to be running. Had big increase in flare size

**9-18-1999** Clean out from 3665' to 3691' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines from dust to 3/4" in size. Circulate with 1800 cfm air to dry up the hole. TOOH, flow test through a 3/4" choke = 623 mcf. Cavitates well. Surge 9 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 1800 psi in 1 1/2 hr, flow back 1/2 hr. Had light to medium dust and medium to heavy H2O on flow back

**9-19-1999** Flow back last surge. TIH, tag bridge at 3550'. Clean out from 3550' to 3691' with 1800 cfm air, 5 bph H2O mist and 5 bbl water/soap sweeps. Circulate up large amounts of coal fines. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a 3/4" choke = 696 mcf. Cavitates well. Surge 1 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 2000 psi in 1 1/2 hr, flow back 1/2 hr

**9-20-1999** Cavitates well. Surge 7 times with 1800 cfm air, 5 bph H2O mist. Pressure up to 2000 psi in 1 1/2 hr, flow back 1/2 hr. Had 15' to 25' flare, light to heavy coal dust and fines and up to a 2" stream of black water on flow back. TIH, tag bridge at 3590'. Clean out from 3573' to 3634' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines

**9-21-1999** Clean out from 3634' to 3691' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines. Coals appear to be running

**9-22-1999** Clean out from 3634' to 3691' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a 3/4" choke = 696 mcf

**9-23-1999** Cavitates well. Surge 5 times with natural build up. Pressure up to 590 psi in 4 hrs. Flow back 1 hr. Had 15' flare, Heavy H2O mist and Light to heavy coal dust/fines on flow back

**9-24-1999** Cavitates well. Surge 5 times with natural build up. Pressure up to 580 psi in 4 hrs. Flow back 1 hr. Had 15' flare. Heavy black water and Light to heavy coal dust/fines on flow back

**9-25-1999** Cavitates well. Surge with natural build up. Pressure up to 660 psi in 4 hrs. Flow back 1 hr, had a 15' flare. Heavy black water and light to heavy coal dust/fines on flow back. TIH, tag bridge at 3622'. Clean out from 3622' to 3691' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines. Circulate with 1800 cfm air to dry up the hole

**9-26-1999** Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a 3/4" choke = 565 mcf. Cavitates well, surge 4 times with natural build up. Pressure up to 610 psi in 4 hrs. Flow back 1 hr. Had light mist, medium coal dust and a 25' flare on flow back

**9-27-1999** Cavitates well. Surge 3 times with natural build up. Pressure up to 740 psi in 4 hrs. Flow back 1 hr. Had heavy black H2O, medium coal dust and a 25' flare on flow back. TIH, tag bridge at 3590'. Clean out from 3590' to 3691' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines

**9-28-1999** Clean out to 3691' with 1800 cfm air, 5 bph H2O mist and water sweeps. Circulate up large amounts of coal fines. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a 3/4" choke = 681 mcf. Flow natural through both blooie lines for 4 hrs. TIH, tag 4' of fill at 3687'. Clean out to 3691' with 1800 cfm air, 5 bph H2O mist. TOOH to shoe. Cavitates well. Surge 2 times with natural build up. Pressure up to 560 psi in 4 hrs. Flow back 1 hr. Had a 20' flare, light dust and black water mist on flow back.

**9-29-1999** Surge 5 times with natural build up. Flow back 1 hr. Had a 30' flare, light dust/fines and heavy black water on flow back

**9-30-1999** Cavitates well. Surge 1 times with natural build up. Pressure up to 760 psi in 4 hrs. Flow back 1 hr. Had a 30' flare, light dust/fines and heavy black water on flow back TIH, tag bridge at 3625'. Clean out from 3625' to 3691' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate up large amounts of coal fines with sweeps. TOOH to shoe, flow natural through both blooie lines for 4 hrs

**10-01-1999** Flow natural through both blooie lines for 4 hrs. TIH, tag bridge at 3675'. Clean out from 3675' to 3691' with 1800 cfm air, 5 bph H2O mist and water/soap sweeps. Circulate with 1800 cfm air to dry up the hole. TOOH to shoe. Flow test through a 3/4" choke = 522 mcf. TOOH, LD DC's, change out rams for 5 1/2" casing. PU 5 jts of 5 1/2", 17#, N-80, LT&C casing and liner hanger. TIH with liner to 3660'. Wash 30' to bottom and set hanger at 3464'. Shoe at 3690'. TOOH, LDDP, change out rams for 2 3/8" tubing. Rig up floor to run 2 3/8" tbg

**10-02-1999** Pick up a fluted mill and 2 3/8" tubing. TIH to 3555'. Mill off perforation plugs from 3555' to 3689'. TOOH with fluted mill. TIH with 106 jts of 2 3/8", 4.7#, J-55, EUE 8rd production tbg. Land at 3640', F nipple @ 3607'. Liner: 5 jts 5 1/2", 17#, N-80, LT&C landed @ 3690', liner hanger @ 3464'. ND BOP equipment. NUWH, RD service unit. Rig released at 06:00 hrs 10/02/99