

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 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)
1850' FNL and 1355' FEL SW/4 NE/4 SEC 07-31N-05W

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 #228

9. API Well No.
30-039-24362

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.)*

04-06-2000 Load out equip, road rig to loc. RU rig & spot equip. SICP = 1325 psi, SITP = 900 psi. Blow well down. NDWH, NUBOP stack, NUHCR's. NU blooie lines. Pres test BOP's. C/O to pull 2 3/8" tbg, pull donut. POOH laying down w/2 3/8" tbg

04-07-2000 Cont laying down w/2 3/8" tbg. Caliper & tally DC's. Service rig. Tally in w/6 1/4" mill. RU power swivel, break circ w/16 bph air/soap mist. Mill 5' of hanger from 2856'- 2861', circ clean & hang swivel back. TOOH w/mill. TIH w/spear & jarring assembly. Spear into fish @ 2861'. Jar on liner

04-08-2000 Jar liner free. TOOH w/liner. TIH w/6 1/4" bit. Repair power swivel. Tag 12' of fill & CO to TD w/10 bph air/soap mist & 7 bbl sweep. TOOH w/bit. TIH w/underreamer. Undeream from 2923'- 3121' circ clean. TOOH w/underreamer

04-09-2000 TOOH w/underreamer. TIH w/6 1/4" bit. RU power swivel, tag 10' of fill & CO. Blow well from TD w/10 bph air/soap mist, ret's lite coffee ground size coal. Blow dry, PU bit to 2900'. 4 hr shut in = 500 psi. Surge (3 times) w/5 bph a/s mist, press @ 1000 psi ret's lite coffee ground size coal. Tag bridge @ 3076'- 3085', CO 5' of fill to TD. Blow well from TD w/10 bph a/s mist ret's lite coal. Blow dry w/air only. PU bit to 2936'. Surge (3 times) w/5 bph a/s mist, pres @ 1200 psi ret's lite coffee grd size coal & lite shale

Continued on back

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

Signed Tracy Ross
TRACY ROSS

Title Production Analyst Date May 2, 2000

(This space for Federal or State office use)

Approved by _____

Title _____

Conditions of approval, if any:

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MAY 1 2000

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.

04-10-2000 Surge from 2936' w/5 bph air/soap mist & 1200 psi, lite ret's. Tag 6' of fill & CO, blow well from TD w/5 bph air/soap mist. PU bit to 2936', surge (4 times) w/5 bph air/soap mist & 1400 psi, ret's lite coal. Tag 5' of fill & CO, blow well dry. PU bit to 2936'. Surge (6 times) w/5 bph air/soap mist & 1600 psi, ret's lite coal. Tag 15' of fill & CO

04-11-2000 CO on bottom & hole started getting tight. LD 6 jts, CO from 2936'- 3121' ret's hvy shale & lite coal. Blow dry w/air only. PU bit to 2936'. Gauge well on 2" line, all gauges dry & avg 309 mcf. Break over w/air only @ 1500 psi, ret's air/gas mist, flow natural. Surge (4 times) w/5 bph air/soap mist @ 1400 psi, med ret's = hvy shale & lite coal, tag bridge @ 2970'

04-12-2000 CO & work on ratty hole from 2940'- 2997' w/10 to 5 bph air/soap mist, bridge off & stick pipe (7 times) LD, work free & start over, ret's extra heavy shale

04-13-2000 CO & work on ratty hole from 2967'- 3010' w/15 – 20 bph air/soap mist, bridge off & stick pipe (5 times) LD, work free & start over. Heavy ret's = 70% 1/8" to 3/4" shale & 30% dust to coffee ground size coal

04-14-2000 CO to TD w/20 bph air/soap mist. CO on bottom, blow dry w/air only. TOOH w/bit, gauge well on 2" all gauges lite mist & avg 615 mcf. Natural surge, 4 hr si = 500 psi. Flow natural, surge from surface (3 times) w/5 bph air soap mist, pres @ 1100 psi, ret's med-hvy coal = dust to 1/4" in size

04-15-2000 Surge from surface. Breakover w/5 bph air/soap mist @ 1300 psi, hvy ret's = 70% shale & 30% fine coal. Natural surge, 1.5 hr SI = 215 psi ret's med wtr & lite coal fines. Surge from surface (5 times) w/5 bph a/s mist to 500 psi, pres to 800 psi w/air only & pump 5 bbls prod wtr w/1/2 gal soap, pres to 1200 psi med – hvy ret's = 60% fine coal 40% shale

04-16-2000 Surge from surface (2 times) w/5 bbls & 1/2 gal soap ahead, pres to 800 psi & pump 5 bbl w/ 1/2 gal soap, pres to 1200 psi, hvy ret's = 70% shale & 30% coal. TIH & tag bridge @ 2951'. CO from 2951'- 3121' w/15 bph air/soap mist. Blow well from 3121' w/15 bph a/s mist. Blow dry w/air only. TOOH w/bit. Gauge well on 2" line, all gauges dry & avg 404 mcf (logging off). Surge from surface (2 times) w/5 bph air/soap mist to 500 psi, pres to 800 psi w/air only & pump 5 bbls wtr w/ 1/2 gal soap, pres to 1200 psi, It ret's = fine coal

04-17-2000 Surge from surface (2 times) w/5 bph air/soap mist to 500 psi, pres to 800 psi w/air only & pump 5 bbls w/ 1/2 gal soap, take pres to 1200 psi, med-heavy ret's = 60% shale & 40% coal. Natural surge (2 times) both 1 hr SI = 225 psi, ret's lite water. Surge from surface w/5 bph air/soap mist to 500 psi, air 800 psi, 5 bbls w/ 1/2 gal soap, pres to 1150 psi, ret's extra heavy & bridge off. Pump water & break bridge, well coming on own = heavy shale. Natural surge (3 times) 3 hr SI = 380 psi, rets med-heavy water with fine coal

04-18-2000 Break over w/air only @ 1280 psi, ret's lite. Surge from surface (2 times) w/5 bbls prod water & 1/2 gal soap ahead, pres to 800 psi & pump 5 bbls & 1/2 gal soap, pres to 1200 psi heavy ret's = 80% shale 20% fine coal. Bridge off on 2nd surge. TIH & tag bridge in 7" @ 2872'. RU power swivel & break circ w/10 bph air/soap mist. CO from 2872'- 2967' ret's heavy shale

04-19-2000 CO from 2967', ret's extra heavy shale. Hole started getting tight, LD 2 jts & hang up @ 2905'. Work stuck pipe. RU wireline, free point & backoff @ 2815' left 3 DC's in hole. TOOH w/DC's. TIH with jarring assembly & screw into fish @ 2815'. Jar down on fish, make 9' & stop, jar up & make 9' back plus 4', repeat process w/no luck

04-20-2000 Back off fish. Unload hole w/air. TOOH w/jarring assembly. TIH w/wash over shoe & wash pipe. Work over fish & tag fill @ 2829' = 76' fill. Wash over fish to 2905' w/10 bph air/soap mist, circ clean. TOOH w/wash pipe. TIH w/jarring assembly & screw into fish. Jar on fish & free up. TOOH w/fish, break down & load out tools. Unplug bit, BS & DC. TIH w/bit & tag bridge @ 2940'. Break circ w/20 bph air/soap mist. CO to 2960'

04-21-2000 CO & work on ratty hole from 2940'- 2966' w/20 bph air/soap mist, ret's extra heavy shale & lite coal, bridge off & get tight

04-22-2000 CO & work on ratty open hole from 2966'- 3029' w/20 bph air/soap mist, ret's extra heavy shale & lite coal, bridge off & start sticking pipe, PU & start over several times

04-23-2000 CO & work on open hole from 2966'- 3013' w/20 bph air/soap mist, ret's extra heavy shale & lite coal, bridge off & stick pipe several times, PU bit to 2950' & start over

04-24-2000 CO & work on ratty open hole from 3013'- 3121' TD w/20 bph air/soap mist, ret's heavy shale & lite coal. Blow well from 3121' w/10 bph air/soap mist. Blow dry & PU bit to shoe, flow natural. Gauge well on 2" open line, all gauges heavy mist & avg 697 mcf. Natural surge, 4 hr SI = 440 psi ret's med water with trace coal, flow natural. SI 4 hrs natural surge. Q = 697 mcf

04-25-2000 Natural surge, 4 hr SI = 480 psi. TIH & tag bridge @ 2951', CO to 3093' w/10 bph air/soap mist & bridge off. PU bit to 2935' & break circ. CO from 2966'- 3121'(TD) w/10 bph air/soap mist, bridge off & stick pipe. PU bit to 2966' & break circ. CO & work on ratty hole from 2966'- 2990' ret's heavy shale

04-26-2000 CO & work on bad spot from 2966'- 2990', bridge off & stick pipe. TOOH w/bit. TIH w/underreamer. Underream from 2930'- 3121'. TOOH w/underreamer. CO to run 5 1/2" liner. TIH w/liner as follows, 6 1/16" LA set shoe, pre perf jt, blank, perf, perf, blank, blank 5 1/2" 17# N-80 csg (6 jts tti) 5 1/2" x 7" TIW jgs hanger to 2997'. Wash liner down to 3121' (TD) hang off @ 2853' = 65' of overlap. TOOH laying down w/3 1/2" DP

04-27-2000 Cont laying down w/DP. Tally in w/4 3/4" mill & 96 jts 2 3/8" tbg. Mill out plugs. TOOH w/mill. TIH w/prod tbg, unload well. Land tbg in hanger @ 3064' KB. NDWH & blooie lines, NUWH. Gauge well up csg on 2" open line, all gauges lite mist & avg 754 mcf. RD rig & equip, release rig