

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

RECEIVED

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1975' FNL & 440' FWL, SW/4 NW/4 SEC 33-31N-05W

5. Lease Designation and Serial No.  
SF-078773

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
ROSA UNIT #268A

API Well No.  
30-039-27831

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, SDON.

10-19-2004 MIRU, NU blooie line. PU DC's & DP. C/O to TD w/ air mist, returns - light 1/4" shale & coal fines. Pull to 7" shoe. Surge 5 times w/air mist to 600 psi, 15-20 min to 600 psi, returns - light shale & coal fines.

10-19-2004 Surge 4 times w/ air mist to 600 psi, 15-20 minutes to 600 psi, returns-light shale and coal fines. SI well for natural surge, casing pressure-250 psi. Release natural surge, returns-coal dust. TIH, tag TD, no fill. Circ @ TD w/ air mist, returns-light 1/16" shale and coal to fines reducing to coal fines. TOH to 7" casing. Surge 8 times w/ air mist, 1 hr compressor time, pressure to 1800 psi, returns-light to med 1/8" coal to fines.

10-20-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure to 1800 psi, returns-light to med 1/8" coal to fines. SI well for natural surge, casing pressure 125 psi. Release natural surge, returns-light coal fines. TIH, tag fill @ 3370'. CO @ 3370' w/ air and 12 bph mist, returns-heavy to medium 1/4" coal to fines, returns reducing to light coal fines. CO to 3414', bottom of coal, returns-med to light 1/8" coal to fines. Pull to 7" casing. Surge 8 times w/ air mist, 1 hr compressor time, pressures to 1430-1250 psi, returns-heavy to medium coal

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 27, 2004

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Conditions of approval, if any:

ACCEPTED FOR RECORD

Date DEC 06 2004

FARMINGTON FIELD OFFICE

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.

NMOCD

10-21-2004 Surge 1 time w/air mist, 1 hr compressor time, pressures to 1400 psi, returns-heavy to medium coal. SI well for natural surge, casing pressure-500 psi. Release natural surge, returns - med coal & mist. TIH, tag @ 3400', 15' of fill. C/O to 3415', bottom of coal, C/O w/air 13 bph, returns - heave 1/2" coal to fines in black water reducing to light 1/16" coal to fines. Pull into 7" casing. Surge 6 times w/air mist, 1 hr compressor time, pressure - 1450 psi decreasing to 1150 psi, returns - med to light coal & water.

10-22-2004 Surge 2 times w/ air mist, 1 hr compressor time, pressure-1150 psi, returns-medium to light coal & water. SI well for natural surge, casing pressure-550 psi. Release natural surge, returns-med coal & water. TIH, tag 20' of fill @ 3395'. CO @ 3415' w/ air & 12 bph, returns-heavy 1/2" coal to fines decreasing to light 1/4" coal to fines. Pull into 7" casing. Surge 6 times w/ air and mist, 1 hr compressor time, 1150-1400 psi, returns-heavy to med coal.

10-23-2004 Surge w/ air mist, 1 hr comp time, pressure 1400 psi, returns-med coal and water. SI for natural surge, casing pressure-500 psi. Release natural surge, returns-med coal and water. TIH, tag @ 20' of fill @ 3395'. CO to 3415' w/ air mist, returns-heavy 1/2" coal to fines in brown water. Natural surge w/ 2 hr SI-600 psi. Pull into 7" casing, surge 4 times w/ air mist, 1 hr compressor time, pressure 1174 to 1200 psi, returns-heavy to med coal and water.

10-24-2004 Surge 2 times w/ air mist, 1 hr compressor time, pressure-1200 psi, returns-heavy to med coal and water. SI for natural surge, casing pressure-660 psi. Release natural surge, returns-light coal and water. Had bridge below bit, CO to lowest coal @ 3415', returns-heavy to light 1/2" coal and fines in black to brown water. TOH to 7" casing. Surge 6 times w/ air mist, 1 hr compressor time, pressure-1150-1200 psi, returns-light to medium coal.

10-25-2004 2 surges w/air mist, 1 hr = 1160 psi, ret's lt. coal, lt. water, flow 1 hr between surges, SIW for 4 hr nat. build up. St. up equip., 4 hr SI = 530 psi. Tag @ 3315', est. circ. w/ 12 bph mist, formation running coal & shale, c/o to 3420'. PU to 3240'. 2 nat. surges, 1.5 hr SI = 260 psi, ret's lt coal & water, flow 1 hr between surges.

10-26-2004 Nat. surge, 2 hr SI = 360 psi, ret's lt. fines, lt. mist, flow nat. 1 hr, SIW for 4 hr. 4 hr SI = 500 psi, ret's lt. water. Start up equipment. Est. circ. w/ 14 bph mist, c/o down to 3356', running coal & shale (50/50), circ & pump sweeps. PU to 3240', rel. crew, flow well natural. Nat. surge, 2 hr SI = 400 psi, ret's lt fines lt water, flow nat. 1 hr. Nat. surge, 2 hr SI = 420 psi, ret's lt fines lt water, flow nat. 1 hr.

10-27-2004 Nat. surge, 2 hr SI = 420 psi, ret's light water, flow natural 1 hr, SIW for 4 hr. Warm up equip, 4 hr SI = 560 psi, ret's light water. Tag @ 3351', est circ w/ 14 bph mist, running coal & shale, c/o to 3412', got sticky ret's slowed, PU to 3326', running hvy coal & shale, work pipe from 3326' to 3356'. PU to 3240', flow well nat. 2 Nat surges, 2 hr SI = 400 psi, ret's light fines; light mist, flow nat, 1 hr between surges.

10-28-2004 Nat. surge, 2 hr SI = 420 psi, ret's light fines, light mist, flow 1 hr, SI for 4 hr. Start equip, 4 hr SI = 500 psi, ret's light water. Est circ @ 3326', got full ret's, form. running hvy coal & shale - 50/50, cont. circ, work pipe from 3326' to 3356'. PU to 3240', flow well nature on bloole lines. Nat surge from shoe, 2 hr SI = 410 psi, ret's light fines, light mist, flow nat 1 hr. Nat surge, 2 hr SI = 400 psi, ret's light fines, light mist, flow nat 1 hr.

10-29-2004 Nat surge, 2 hr SI = 420 psi, ret's light fines, light water, flow nat 1 hr, SIW for 4 hr. Start equip, 4 hr SI = 540 psi, ret's light water. Went to est circ & clutch went out on booster, flow well nat, booster will be loaded & leave town around noon. 5 nat surges, 2 hr SI = 440 psi, ret's light fines, light mist, flow 1 hr between surges.

10-30-2004 Nat. surge, 2 hr SI = 440 psi, ret's light fines, light mist, flow 1 hr, SIW for 4 hr nat build. Start equip, 4 hr SI = 440 psi, ret's gas only w/ light mist. C/O to 3419' w/ 14 bph mist, running hvy coal & shale - 40/60. PU to 3240', rel crew, flow well nat.. 2 nat. surges, 2 hr SI = 420 psi, ret's light coal, light water, flow 1 hr between surges.

10-31-2004 Nat surge, 2 hr SI = 420 psi, ret's light coal, light mist, flow nat 1 hr, SIW for 4 hr nat build. Start equip, 4 hr SI = 540 psi, ret's light coal. Tag @ 3378', est. circ. w/ 14 bph mist, circ. down to 3419', lost ret's, PU to 3326', got circ. back, form. running hvy coal & shale - 40/60, circ & work pipe f/ 3326' to 3356'. Make conn, CO to 3387'. Make conn, CO to 3410', work pipe f/ 3387' to 3410', running hvy coal & shale. Bypass air, PU to 3240', rel. crew, flow well nat .5 hr. 2 nat surges, 2 hr SI = 400 psi, ret's light coal, light mist, flow 1 hr between surges.

11-01-2004 Nat. surge, 2 hr SI = 420 psi, ret's light coal, light mist, flow nat. 1 hr, SIW for 4 hr nat. build. 4 hr SI = 520 psi, ret's light dust. C/O to 3419', w/ 14 bph mist, form. running hvy coal & shale - 40/60, ret's slowed, bypass air, RD swivel, TOH. Surge t/surf, air only breakover, 1 hr = 700 psi, ret's light fines, flow nat. 1 hr. 2 nat. surge f/surf, 2 hr SI = 420 psi, ret's light fines, light mist, flow 1 hr between surges.

11-02-2004 Nat. surge f/surf, 2 hr SI = 420 psi, ret's light fines, light mist, flow 1 hr, SIW for 4 hr nat. build, 4 hr SI = 510 psi, ret's light water, flow nat. Nat. surge f/surf, 2 hr SI = 410 psi, ret's light water, flow nat .5 hr. Surge f/surf w/ 7 bph mist & 2 - 5 bbl pads spaced out, 1.25 hr = 900 psi, ret's hvy coal w/some shale, hvy water, flow nat. 1.25 hr. Nat. surge, 1 hr SI = 350 psi, ret's med coal, light water, flow nat. 1 hr. 3 nat. surges, 2 hr SI = 420 psi, ret's light fines, light mist, flow nat. 1 hr between surges.

11-03-2004 Nat. surge, 2 hr SI = 420 psi, ret's light fines & mist, flow nat. 1 hr, SIW 4 hr nat build. 4 hr SI = 500 psi, ret's light mist. Surge f/surf w/ 3-5bbl pads spaced out, 1.5 hr = 900 psi, ret's med coal, hvy water, flow 1.5 hr. Nat. surge, 2 hr SI = 490 psi, ret's very light coal, light water, flow nat 2 hr. 3 nat surges, 2 hr SI = 420 psi, ret's light fines, light. mist, flow 1 hr between surges.

11-04-2004 Nat. surge f/surf, 2 hr SI = 420 psi, ret's lt fines & mist, flow 1 hr, SIW for 4 hr nat. build. 4 hr SI = 500 psi, ret's lt mist. Crew change out drill line, nat surge, 2 hr SI = 400 psi, ret's lt fines & mist, flow nat. 2 hr. Surge f/surf w/ 7 bph mist & 3 - 5 bbl pads, 1.5 hr = 900 psi, ret's mid coal, hvy water, flow nat 1.5 hr. 3 nat surges f/surf, 2 hr SI = 420 psi, ret's lt fines & mist, flow 1 hr between surges.

11-05-2004 Natural surge, 2 hr SI = 420 psi, ret's lt fines & mist, flow nat. 1 hr, SIW for 4 hr nat. 4 hr SI = 500 psi, ret's lt mist. TIH w/ 6 1/4" bit, RU swivel, est circ @ 3240' w/ 14 bph mist, CO to 3389', work pipe f/ 3358' to 3389', formation running hvy coal & shale - 50/50. Work pipe from 3389' to 3419', formation running hvy coal & shale - 60/40. Circulate air only & dry up well bore. Bypass air, PU to 3240', turn well to night crew. Natural surges, 2 hr SI = 400 psi, ret's lt fines, lt mist, flow 1 hr between surges.

11-06-2004 Natural surge, 2 hr SI = 400 psi, ret's lt fines, lt mist, flow natural 1 hr. Natural surge, 4 hr SI = 500 psi, ret's lt fines, lt mist, flow natural 3 hrs. 4 natural surges, 2 hr SI = 375 psi, 410 psi, 410 psi, 400 psi, ret's lt. fines, lt. mist, flow nat. 1 hr between surges.

11-07-2004 Natural surge, 2 hr SI = 400 psi, ret's lt fines, lt mist, flow nat 1 hr. Nat surge, 4 hr SI = 490 psi, ret's lt fines, lt mist, flow nat 1 hr. 5 natural surges, 2 hr SI = 440#, 430#, 420#, 420#, 420#, ret's lt fines, lt mist, flow 1 hr between surges. Natural surge, will carry into 11/8/04.

11-08-2004 Natural surge cont, 3 hr SI = 460 psi, ret's lt fines, lt mist, flow 1 hr, SIW for 4 hr. 4 hr SI = 490 psi, ret's lt mist. Est circ w/ 14 bph mist @ 3240', CO to 3505', ran hvy coal & shale from 3356' to 3419' - 5 hrs, ret's slowed to med, continue to circulate & work pipe. Bypass mist, dry up wellbore. PU to 3240', turn well over to night watch. Flow well natural. 2 natural surges, 2 hr SI = 400 psi, ret's lt fines, lt wtr, flow 1 hr between surges.

11-09-2004 Nat. surge, 2 hr SI = 400 psi, ret's lt coal, lt mist, flow 1 hr, SIW for 4 hr nat. Surge well, 4 hr SI = 500 psi, lt. coal, lt. mist. TIH f/shoe, tag fill @ 3407', CO to 3505' w/ 14 bph mist, ran hvy coal & shale, 40/60. Dry up wellbore, PU to 3240'. Flow well on blooie line 1 hr. Flow well natural. 2 nat. surges, 2 hr SI = 360 psi, 380 psi, ret's lt coal, lt. mist, flow nat. 1 hr between surges.

11-10-2004 Nat surge, 2 hr SI = 390 psi, ret's lt coal, lt mist, flow 1 hr, SIW for 4 hr nat. 4 hr SI = 380 psi, ret's lt coal & mist. Surge f/ 3400' w/ 15 bph mist, 2 surges, 1 hr = 800 psi, ret's med coal, lt water, flow 1 hr between surges. 2 surges, 15 bph mist, 1.5 hr = 1200 psi, ret's med coal, lt water, flow .75 hr between surges. PU to 3240', turn over to night watch. 2 nat surges, 2 hr SI = 440#, 420#, ret's lt fines, lt mist, flow nat 1 hr between surges.

11-11-2004 Nat surge, 2 hr SI = 440 psi, ret's lt coal, lt mist, flow nat 1 hr, SIW for 4 hr nat. 4 hr SI = 500 psi, ret's gas only. TIH, tag @ 3415', est circ w/ 15 bph mist. Surge w/ 15 bph mist f/ 3400', 2 surges, 1.75 hr = 1200 psi, ret's hvy coal & shale, med wtr, circulate clean 1 hr between surges. Circ air only to unload fluid. PU to 3240', flow well nat on blooie line for 1.25 hr. Flow well on blooie line, evaporate pit. 3 nat surges, 1.5 hr SI = 380 psi, ret's lt coal, lt mist, flow .5 hr between surges.

11-12-2004 Nat. surge, 1.5 hr SI = 380 psi, ret's lt. fines, lt. mist, flow nat. 1.5 hr, SIW for 4 hr nat. 4 hr SI = 500 psi, ret's lt fines. TIH, tag @ 3407', est. circ. w/ 15 bph mist, CO to 3419'. PU to 3400', surge w/ 15 bph mist, 1.5 hr = 1200 psi, ret's hvy coal & shale, md. water, cont. circ., running coal & shale, CO to 3504'. Bypass mist, circ. air only .25 hr, pu to 3240', turn well over to night crew. Flow well natural. 2 natural surges, 2 hr SI = 380 psi, ret's lt. coal, lt mist, 390 psi, lt fines, lt mist, flow 1 hr between surges.

11-13-2004 Nat. surge, 2 hr SI = 390 psi, ret' lt. fines, lt. mist, flow nat. 1 hr. Nat. surge, 4 hr SI = 500 psi, ret's lt. fines, lt. mist, flow nat. 2 hr. 3 nat. surges, 2 hr SI = 400 psi, ret's lt. fines, lt. mist, flow 1 hr between surges. 2 nat. surges, 2 hr SI = 380 psi, ret's lt. fines, lt. mist, flow 1 hr between surges.

11-14-2004 Nat. surge, 2 hr SI = 380 psi, ret's lt. fines, lt. mist, flow 1 hr. Nat. surge, 4 hr SI = 480 psi, ret's lt. coal, lt. water, flow nat. 2 hr. 5 nat. surges, 2 hr SI = 400 psi, ret's lt. fines, lt. mist, flow 1 hr between surges.

11-15-2004 Nat. surge, 2 hr SI = 400 psi, ret's lt. fines, lt. mist, flow 1 hr, SIW for 4 hr nat. 4 hr SI = 490 psi, ret's lt. fines & mist. Change stripping rubber. Tag bridge @ 3325', est. circ. w/ 15 bph mist, c/o 5' bridge, c/o to TD @ 3504', 30' of fill, ran md. coal & shale. Circ. air only & dry up wellbore. RD power swivel. TOH stand back DP, LD 4 3/4" DC's, SDFN.

11-16-2004 Csg press = 550 psi, BD on 2" line, install 5 1/2" rams. RU SJ Csg. PU & TIH as follows: 8 jts, 5 1/2", 17#, N-80 landed @ 3504', LT @ 3193', 47' of overlap. LD 6 jts, RD swivel. LD 2 1/4" DP, SDFN.

11-17-2004 Csg press. = 580 psi, start. equip, wait on Computalog, they were told to be on loc. & ready to go @ 07:30. Computalog arrive on loc, spot in truck & RU. RIH w/ perf gun, pull collar strip, perf fruitland coal @ following intervals w/ 3 1/8" HSC, .49 dia. holes, 15 gram chg, 120 degree phasing, 4 spf, top down, 3268'-3272', 3276'-3286', 3324'-3342', 3367'-3387', 3391'-3413', RD Wireline. TIH w/ tbg, landed @ 3446' as follows: 1/2" x 17' mule shoe on bottom, 2.28" "F" nipple @ 3428', 108 jts 2 1/4", 6.5# J-55 tbg, 2 - 10' pup jts, 1 jt 2 1/4", 6.5# J-55 tbg, (109 jts total). SDFN.

11-18-2004 ND top BOP, unbolt HCR's from mud cross, ND bottom BOP. NU tree & test 3000 psi, good test. Pump 5 bbl water & follow w/air, press to 400 psi & dropped to 350 psi leveled out, pump for .5 hr, alum. plug pumped out. Release rig @ 1630 hrs, 11/18/04.