

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 25-1, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1440' FSL & 25' FEL, NE/4 SEC 26-31N-06W

5. Lease Designation and Serial No.  
SF-078771

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
ROSA UNIT #211A

9. API Well No.  
30-039-27465

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 Drilling/Completion

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.)\*

08-22-2003 MIRU. Mix spud mud, drill RH & MH. Drill 12 1/4" surface hole to 163', circulate & survey. Drill 12 1/4" hole from 163' to 315' (TD) @ 0330 hrs, 8/22/03. Circulate & survey, TOOH to run 9-5/8" csg. RU csg crew, run 7 jts 9-5/8", landed @ 298', RD csg crew. RU BJS & cmt as follows: 10 bbls FW spacer, 170 sxs (39 bbls) TYPE III w/ 2% CaCl & 1/4 PPS Celloflake mixed @ 14.5 PPG, 1.41 yld. Displace to 276' w/ 21.3 bbls FW. Late pump pressure 95 PSI, SI. Circulate 18 bbls cmt to surface, RD BJSVCS

08-23-2003 WOC, NU BOP's, test BOP's & csg, all tested. TIH, tag cmt @ 253', drill cmt & plug. Drill 8 3/4" hole from 315' to 1100' w/ MSS surveys.

08-24-2003 Drilling 8 3/4" hole from 1100' to 2638' w/ MSS surveys.

08-25-2003 Drill 8 3/4" hole from 2638' to 3055'. Circulate & condition, short trip to DC, SLM. Circulate & condition. LD DP & DC's. RU csg crew, change rams. Run 67 jts 7", 20#, K-55, ST&C csg. Land csg @ 3054', insert baffle @ 3006'. Circulate csg & RU cementers. RU BJS, cmt csg as follows: pump 10 bbls FW spacer ahead, lead: 385 sxs (142 bbls) PREM LITE FM w/ .25% Celloflake & 8% Bentonite @ 12.1 PPG, 2.08 yld. 100% excess over gauge hole. Tail: 50 sxs (13 bbls) TYPE III w/ .25% Celloflake @ 14.5 PPG, 1.4 yld, 0% excess. Displaced w/ 121.7 bbls FW. Bumped plug @ 03:31 hrs w/ 1500 psi. Circulate 21 bbls cmt to surface. Check float, held. RD cementers. Clean pits, LD landing jt, ND BOP.

08-26-2003 Rig down, release rig @ 0930 hrs, 8/25/03.

Continue on Back

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

Signed

Tracy Ross  
Tracy Ross

Title Production Analyst

Date November 24, 2003

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

DEC 04 2003

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.

NIMOC

10-19-2003 Move rig on location, hold safety meeting. Spot rig in & RU. ND WH, NU BOP's. Test BOP's, secure well & SDFN.

10-20-2003 PU BHA, DC's & 2-7/8" DP, TIH & tag @ 2988' w/ 87<sup>th</sup> jt in (FC @ 3006', shoe @ 3054'). RU power swivel & lines, RU geograph. Establish circulation, tag cmt w/ 87<sup>th</sup> jt in, drill float collar, shoe & circulate. CO to 3065', secure well, SDFN.

10-21-2003 WO mud loggers to set up. Drill from 3065' to 3160', ROP= 5 fph, 6000# - 8000# WOB, 105 to 110 rpm. Drill with clean production water. Circulate clean, POOH w/4 jts to get above shoe, secure well, SDFN.

10-22-2003 Break cir, drill f/3160' to mud loggers depth 3235', Rop = 20-25' ph, 6-8000# wob, 110 rpm, drill w/clean production wtr. TD @ 3235', circulate hole clean. ND power swivel, POOH w/ 2-7/8" DP & DC's. Drain & clean rig pit, refill, secure well, SDFN

10-23-2003 NU under reamer. TIH, RU power swivel, unload well w/ air. Under ream from 3065' to 3112' (TD), circulate w/ air/foam of 10-12 bph fluid & 1 gal foamer. Circulate hole clean, PU above sea w/ bit, secure well, SDFN

10-24-2003 TIH w/ under reamer. Under ream from 3112' to TD @ 3235', circulate hole clean & dry. PU into shoe w/ under reamer, secure well & SDFN.

10-25-2003 RD power swivel. POOH w/ DP, DC's & underreamer. Surge from surface 24 hrs.

10-26-2003 Build from surface w/ air to 1000#. Surge to pit, fluid/air foam returns. Build from surface, surge to pit. Shut in 4 hrs for natural build. TIH w/ DP, tag fill @ 3112', circulate & CO to TD @ 3235'. Natural surge, surge to pit, build power surge.

10-27-2003 Build natural surge to 07:00, 400#, surge to pit, fine coal returns. Change battery on rig, change bop rams. Build from shoe w/air to 850# & broke over. Surge to pit, pepper & coffee size returns. Build from shoe w/air to 800# & broke over. Surge to pit, coal fines returned. Circulate hole clean w/air foam. TIH from 3054' & tag @ 3215'. Circulate 3 bbl sweep & clean up w/air foam, 12 bph wtr 1 gal foamer, coffee size to 1" dia returns. PU into shoe w/bit @ 3054'. Build from shoe @ 3054', space 3-3 bbl pads to 800#. Surge to pit, fluid air/foam returns. Build from shoe @ 3054', space 3-3 bbl/pads to 1000#, ret's hvy coal, circulate ½ hr. Surge from shoe, ¾ hr = 800 psi, ret's lt coal, circulate ½ hr, flow natural 2 hr. Surge from shoe w/ 12 bph mist, ½ hr = 1000 psi, air hand bypassed air, surged well, ret's mist only, put air back on drill pipe, pressure to 800 psi in 5 min, bypass air. Surge natural from shoe, carry into 10/28.

10-28-2003 Natural surge f/shoe continued, 4 hr SI = 350 psi, ret's gas only, flow natural 2 hrs, SIW for 4hr natural build. 4 hr SI = 375 psi, ret's gas only, flow natural 1.75 hr. TIH f/shoe, tag @ 3222', est circ w/ 12 bph mist, C/O to TD, formation running coal, circ well bore clean. Circ air only, blow well dry. Pull bit up to 3042', flow well natural. Knight oil tools hand on loc. to repair BOP. Surge f/shoe w/air mist 10 bph, 1.25 hr = 850 psi, ret's med coal & water, circ .75 hr w/air mist, flow nat. 1.75 hr. Mech on loc to work on mist pump, Surge natural f/shoe, 4 hr SI = 375 psi, ret's lt dust, circ well bore clean w/ 7bph mist .5 hr, flow nat. 1.5 hr. Surge f/shoe w/air mist 10 bph, carry into 10/29/03.

10-29-2003 Surge cont., .5 hr = 900 psi, ret's med coal & water, circ clean, flow natural. Surge f/shoe w/ 10bph mist, .5 hr = 900 psi, ret's med coal & water, circ clean .5 hr, flow natural 1 hr, SIW for 4hr natural build. Travel to loc., hold safety meeting. Natural surge, 4 hr SI = 375 psi, ret's lt mist, flow natural. TIH f/shoe, C/O 45' of fill, formation running fine to med size coal, circ & pump sweeps to clean up well bore. Cut mist, circ air only. Lay down 6 jts, RD swivel. TOOH. Change rams, RU to surge f/surface. Surge f/surf, air only break over, 1hr = 550 psi, ret's med coal 1/8" in size, flow natural 1.75 hr. Natural surge f/surf, 3 hr SI = 400 psi, ret's gas only, flow natural 1 hr. Natural surge carry into 10/30/03.

10-30-2003 Natural surge continued, 3 hr SI = 400 psi, ret's gas only, flow natural 1 hr, SI for 4 hr build up. Travel to loc, hold safety meeting. 4 hr SI = 400 psi, ret's lt coal, lt water, flow natural. Natural surge, 3 hr SI = 390 psi, ret's lt coal & lt water, flow natural 1.5 hr. Natural surge, release rig crew @ 14:30, 3 hr SI = 390 psi, ret's lt coal, lt mist, flow natural 1.5 hr. Natural surge, 3 hr SI = 400 psi, ret's lt coal, flow natural 1.5 hr. Natural surge carry into 10/31/03.

10-31-2003 Natural surge continued, 3 hr SI = 390 psi, ret's lt coal, lt water, flow natural 1.5 hr, SIW for 4 hr natural. 4 hr SI = 375 psi, ret's lt coal, med water, flow natural 1.25 hr. Surge f/surf w/ 10 bph mist, pumped 7 bbl pad @ start, 1 hr = 750 psi, ret's hvy coal, hvy water, bridged off in csg. Surge out bridge, got back partial gas flow. Flow natural. Natural surge, 2 hr SI = 350 psi, ret's hvy coal, hvy water, flow natural 2 hr. Natural surge, 2 hr SI = 350 psi, ret's hvy coal, hvy water, flow natural 2 hr. Natural surge, 2 hr SI = 375 psi, ret's lt coal, med water, flow natural 1.5 hr. Natural surge carry into 11/1/03.

11-01-2003 Natural surge continued, 2.5 hr SI = 390 psi, ret's med water, flow natural 2 hr, SIW f/ 4 hr natural build. Natural surge, 4 hr SI = 400 psi, ret's med water, flow natural 1.5 hr. Surge f/surf w/ 10 bph air mist, 1 hr = 600 psi, ret's hvy coal, med water, flow 1 hr. Surge f/surf w/ 10 bph air mist, 1 hr = 675 psi, ret's med coal, med water, flow natural 1.5 hr. Natural surge, 2 hr SI = 375 psi, ret's med coal, hvy water, flow 2 hr. Natural surge, 3 hr SI = 375 psi, ret's med coal, hvy water, flow 2 hr. Natural surge carry into 11/2/03.

11-02-2003 Natural surge continued, 3 hr SI = 390 psi, ret's med coal, med water, flow 2 hr, SIW @ 03:00 for 4 hr natural. Travel to loc, safety meeting. 4 hr SI = 400 psi, ret's med coal, hvy water, flow natural. Natural surge, 2 hr SI = 350 psi, ret's med coal, hvy water, flow natural 2 hr. Released rig crew @ 14:30, Natural surge, 3 hr SI = 400 psi, ret's lt coal, med water, flow natural 2 hr. Natural surge, 3 hr SI = 400 psi, ret's hvy coal, med water, plugged blooie lines, flow natural 2 hr. Natural surge carry into 11/3/03.

11-03-2003 Natural surge continued, 2 hr SI = 350 psi, ret's med coal, med water, flow natural 2 hr, SIW for 4 hr natural build. 4 hr SI = 400 psi, ret's lt coal, flow natural. TIH w/ 6 ¼" bit, 8 - 4 ¾" DC's & 2-7/8" DP. RU power swivel. Est circulation w/ 12 bph mist, CO to TD, 30' of fill, formation running coal & shale, circulate & pump sweeps to clean up well bore. Bypass air, pull up to 3049'. Surge from shoe w/ 10 bph mist, ½ hr = 500 psi, ret's lt coal, lt wtr, flow natural 1 ¼ hrs. Surge from shoe w/ 10 bph mist, ¾ hr = 700 psi, ret's lt coal, lt wtr, flow natural 1 ½ hrs. Surge from shoe w/ 10 bph mist, 1 ¼ = 640 psi, ret's mist only, flow 1 ½ hrs. Surge from shoe w/ 10 bph mist, 1 hr = 575 psi, ret's mist only, flow ½ hr.

11-04-2003 Flow natural. Surge from shoe w/ 10 bph mist, ½ hr = 550 psi, ret's med wtr, flow natural 1 ½ hr, SWI for 4 hr natural build. 4 hr SI = 400 psi, ret's lt coal, lt mist, flow natural. TIH from shoe, est circulation w/ 12 bph mist, CO 25' of fill, circulate & pump sweeps to clean up well bore. Bypass mist, circulate air only. Bypass air, LD 6 jts, RD swivel. TOOH, RU to surge from surface. Air only break over, 1 hr = 550 psi, ret's lt coal, flow natural 1.5 hr. Natural surge f/surf, 2 hr SI = 375 psi, ret's lt coal, lt water, flow natural 2 hr. Natural surge f/surf carry into 11/5/03.

11-05-2003 Natural surge continue, 2 hr SI = 375 psi, ret's gas only, flow natural 2 hrs, SI for 4 hr natural build. Travel to loc, safety meeting. 4 hr SI = 400 psi, ret's lt wtr, flow natural. Natural surge, 3 hr SI = 375 psi, ret's very lt coal, flow natural 3hr evap pit water. Natural surge, 3 hr SI = 390 psi, ret's very lt coal, flow natural 3 hr. Natural surge, 3 hr SI = 390 psi, ret's gas only.

11-06-2003 Flow natural for 3 hrs, SWI for 4 hr natural build. Travel to loc, safety meeting. 4 hr SI = 400 psi, ret's fine lt coal, lt mist. Flow natural. Natural surge, 2 hr SI = 380 psi, ret's lt mist, flow natural 3 hr. Natural surge, 3 hr SI = 400 psi, ret's med coal, lt mist, flow natural 2 hr. Natural surge, 3 hr SI = 400 psi, ret's lt coal, lt water, flow natural 2 hr. Natural surge carry into 11/7/03.

11-07-2003 Natural surge continued, 2 hr SI = 390 psi, ret's gas only, flow natural 2 hr, SWI 4 hr natural build. Travel to location, hold safety meeting, 4 hr SI = 400 psi, ret's lt mist, flow natural 1 hr. TIH w/ 6 1/4" bit, 8 4 3/4" DC's & 2-7/8" DP. RU power swivel, est circulation w/ 12 bph mist, CO to TD, 15' of fill, circulate hole clean. Bypass mist, circulate w/ air only. Bypass air, pull bit into 7", flow well natural on blooie line. Flow well natural. Natural surges from shoe, 2 hr SI = 390 psi, ret's lt mist, flow natural 2 hr.

11-08-2003 Flow well natural, SI for 4 hr natural build. 4 hr SI = 400 psi, ret's gas only. TIH f/shoe, tag @ 3229', est circ w/ 12 bph mist, CO 8' of fill. Bypass mist, circ air only. Bypass air, pull bit up into 7" csg. Natural surge f/shoe, 2 hr SI = 390 psi, ret's very lt coal, lt mist, flow natural 3.5 hr. Natural surge from shoe, 2 hr SI = 400 psi, ret's lt water, flow natural 3 hr. Natural surge f/ shoe, 4 hr SI = 400 psi, no returns.

11-09-2003 Flow well natural, evaporate pit water, SIW for 4 hr natural build. 4 hr SI = 400 psi, ret's lt wtr, flow 3/4 hr. TIH from shoe, CO 9' of fill to TD, circulate well bore clean. Pull bit up into 7" csg. Flow well natural & flare, evaporate pit water, released rig crew. Flare well & evaporate pit water.

11-10-2003 Flare well & evaporate pit water. TIH f/shoe, tag bridge @ 3133', est circ w/ 12 bph mist & CO bridge, bypass air, cont TIH, tag @ 3222', est circ w/ 15 bph mist, CO 15' of fill. LD 6 jts., RD swivel. TOOH standing back DP. LD 4 3/4" DC's. Flow well on 2" line. RU csg crew while gauging well, took 3 readings 15 min apart, all gauges lt mist, 13# = 2.2 mmcf. MU guide shoe, PU 5 1/2", 17#, N-80 csg & TIH, ran total of 6 jts - 272', MU TIW drop off assembly. RD csg crew. TIH w/ 2-7/8" DP, tag w/ jt #94 all the way down, drop off liner, shoe @ 3236', liner top @ 2951', overlap = 94'. TOOH LD DP. Secure well, SDFN.

11-11-2003 Csg pressure = 410 psi. RU wireline & lubricator. Perforate 5 1/2" csg w/ 3 1/8" guns, 4 SPF @ the following intervals: 3175'-3220', 3110'-55', 3075'-85', total of 400 holes. RD computalog. Tally 2-7/8" tbg, PU off float & TIH, tag 6' out jt #99 @ 3236', no fill, LD 3 jts, land tbg as follows: 1/2" muleshoe, 1 jt 2-7/8" tbg, SN (@ 3172'), 95 jts 2-7/8" tbg, 10', 4' & 6' pup jts, 1 jt 2-7/8" tbg, landed @ 3206'. RD floor, ND HCR's, top BOP, SDFN.

11-12-2003 ND remainder of BOP. NU WH & test to 100 psi, roustabouts rigging down blooie line. Pump out aluminum pump out plug w/ air, pumped 30 min, 200 psi. Rig down, release rig.