

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

5. Lease Designation and Serial No.  
NMSF-078767

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
ROSA UNIT #227A

9. API Well No.  
30-039-29512

10. Field and Pool, or Exploratory Area  
BASIN FRUITLAND COAL

11. County or Parish, State  
RIO ARRIBA, 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)  
500' FSL & 1590' FEL, SW/4 SE/4 SEC 07-T31N-R05W

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

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.)\*

10-31-2005 to 11-01-2005 MIRU, PU 6 1/4" bit, 10 DC's & DP, TIH. Tie back drill line, pressure test BOP's to 2000 psi, PU swivel, SDFN

11-02-2005 Rig repair, working on mud pump, RU mud logger. Repair mud pump, SDFN.

11-03-2005 Drl out float @ 3015' & shoe @ 3062'. Drill open hole section f/ 3062' to 3240', bottom of coal @ 3233'. Circulate gas & clean hole. TOOH to shoe, SDFN.

11-04-2005 Bleed well down, 200 psi. TIH to 3240', break circ. Cont. drlg to TD @ 3333'. Circ gas & bottoms up. Lay out 10 jts to shoe @ 3062'. TOOH to surface. Lay out bit, PU & MU under reamer & shock sub. TIH w/ UR & shock sub to 3051', above shoe, SDFN.

11-05-2005 Bleed well, 300 psi. PU swivel, change stripper rubber, PU 1jt set depth @ 3068'. Open UR w/ 12 bph a/s mist & start drlg 9 1/2" open hole, unload hole w/ 1200 psi, drlg w/ 600 psi, TD @ 3333'. Pump sweeps, dry well air only. Lay out 10 jts to shoe @ 3062', RD swivel, TOOH to surface, LD UR & shock sub. Secure well f/ surges, flow on 2" line, SDFN. SI f/ 1 hr = 200 psi. Surge w/ a/s mist to 500 psi, It ret's on all. Nat surge f/ shoe @ 500 psi 2 times, ret's It on all.

Continued On Back

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

Signed Tracy Ross  
Tracy Ross

Title Sr. Production Analyst

Date May 19, 2006

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

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.

ACCEPTED FOR RECORD  
NMOCB MAY 24 2006  
FARMINGTON FIELD OFFICE  
S.M.

11-00-2005 Surge 4 hr nat. = 500 psi, ret's lt on all. Flow well. TIH to shoe. TOOH w/ singles to 3291', check inn, no inn. TOOH to shoe @ 3062', RU to surge f/ shoe. SI f/ a/s mist surge, pump 5 bbl pad @ 400 psi, 3 bbl pad @ 600 psi, 3 bbl pad @ 800 & cont to 1500 psi. Let 1500 psi soak f/ 2 hrs, SDFN. Turn well to night watch. Surge f/ shoe & flow 1 hr, ret's lt coal & water, med dust. SI & build to 1000 psi & let soak. Surge & flow. Surge 2 times to 1000 psi, ret's lt on all. Nat 2 times f/ shoe @ 500 psi, ret's lt on all.

11-07-2005 4 hr nat surge. Flow well. RU 2.5 swivel, TIH tag fill. Tag solid bridge @ 3172', circ & clean fill w/ a/s mist 10 bph to TD @ 3333', ret's hvy coal lt water, coal coffee ground to 1", pump sweeps & dry well. TOOH to shoe, Flow well on 2" line. SI f/ 2 hr nat. surge. 2 hr nat surge 650 psi, ret's lt coal lt water. Surge w/ a/s mist to 1200 psi 3 times & flow 1 hr on each, ret's med. coal lt water. SI f/ 4 hr nat. surges, 2 times & flow 1 hr each, ret's med coal lt water.

11-08-2005 Surge 4 hr nat = 650 psi, ret's lt on all. TIH, tag fill @ 3228', Circ. & clean to 3260', pressure surge w/ a/s mist 12 bph 2 times to 1200 psi, ret's hvy coal med water. Cont circ & clean to TD @ 3333', pump sweep's. TOOH to shoe, flow well on 2" line. Flow well on 2". SI f/ 2 hr nat. = 500 psi, ret's lt on all. Pressure surge f/ shoe 3 times to 1100 psi & flow each 1 hr, ret's med coal lt water, trying to bridge off. Nat surge f/ shoe 2 times.

11-09-2005 No nat surges bridged off under bit while pressure surging. TIH, drill bridge out. Circ & clean fill & bridge out to 3260' just below bottom coal, circ & pump sweeps clean hole, ret's hvy coal lt water, coal f/ coffee to golf ball size. SI f/ pressure surge @ 3260', 800 psi, ret's lt on all. Dry well air only. TOOH to shoe, flow well on blooie line. Flow well. Pressure surge well f/ shoe 4 times to 1000 psi & flow 1 hr each, ret's lt to med coal, lt water. Nat surge f/ shoe 2 times @ 700 psi, ret's lt on all.

11-10-2005 Surge 5 hr nat @ 700 psi, ret's lt on all. TIH & tag fill @ 3250'. Circ & clean to 3260', SI f/ pressure surge w/ a/s mist to 1200 psi. Surge 1200 psi & circ, ret's med coal, lt water, coffee size coal. SI f/ pressure surge to 900 psi, ret's very hvy coal no water, coal very dry powder, increased bph to 15, pipe become stuck. Unable to establish circ or rotation, still moving DP. Pump a/s mist down csg & surged 2 times, while PU on DP, no good. Cont to work pipe & establish rotation. Pumped 10 bbls a/s down csg, followed w/ air to 600 psi & let soak f/ 30 min. Pump another 5 bbl of prod water down csg to 700 psi let soak ½ hr. Surge while PU on DP & rotate, pipe came free, cont to circ & pump sweep's, clean hole till clean. TOOH to shoe, flow well & evaporate. SI f/ 2 hr nat surge = 400 psi, ret's lt on all. Flow well. SI f/ 4 hr nat surge & flow 1 hr = 700 psi, ret's lt on all. SI f/ 4 hr nat surge.

11-11-2005 Surge 4 hr nat = 700 psi, ret's lt on all. Pump air to 400 psi w/ 5 bbl pad, 600 psi w/ 3bbl pad, cont to 800 psi & let soak f/ 1hr. Surge & flow, ret's lt on all, TIH tag fill @ 3065', circ & clean to TD. TOOH to shoe, secure well f/ surges. Surge f/ shoe 4 times w/ 10 bph a/s mist to 850 psi, ret's lt on all. SI f/ nat surge 2 times @ 750 psi, ret's lt on all.

11-12-2005 5 hr natural = 750 psi, lt ret's. Surge f/ shoe 4 times w/ 10 bph a/s mist, 800 to 900 psi, ret's med coal & lt water. Flow well on 2" line. Surge w/ a/s mist, 2 times & flow, 800 & 900 psi, ret's lt coal med water. Nat surge 2 times f/ shoe = 750 psi, ret's lt coal med water.

11-13-2005 4 hr nat surge = 750 psi, ret's lt. coal med water. Pressure surge f/ shoe 3 times, 850 to 1000 psi, & flow, ret's lt on all. Flow well on 2" line. Pressure surge 2 times @ 850 psi, ret's med coal hvy water. SI f/ nat surge 2 times.

11-14-2005 4 hr nat surge, 700 psi, ret's lt on all. TIH check f/ fill. No fill to 3260', SI & pump water pads @ 400 psi 5 bbl., 600 psi 3 bbl, 800 psi 3 bbl, 900 psi, let soak f/ 1hr. Surge w/ 900 psi, ret's med coal, coffee ground size & traces of shale, med water, circ & clean, pump sweeps. Dry well air only. TOOH to shoe. Flow well on 2" line. SI f/ 2 hr nat. surge & flow = 425 psi, ret's lt on all. Pressure surge 2 times to 650 psi, ret's med coal lt water, bridged off. Circ bridge out. Flow well. 2 - 4 hr nat surges.

11-15-2005 Surge 6 hr nat = 700 psi, no returns, bridged off down hole. TIH, tag bridge @ 3091', Circ. & clean to 3260', Pump sweeps, ret's med to hvy coal lt water. TOOH to shoe. Flow well on 2" line. SDFN. Flow well. 2 hr nat surge & flow = 425 psi. Pressure surge 2 times to 650 psi & flow, ret's med coal lt water. 4 hr Nat. surge 2 times.

11-16-2005 4 hr nat. surge = 700 psi, ret's lt on all. TIH tag fill @ 3245'. Circ & clean to 3260', ret's med coal & water, pump sweeps. SI & build to 900 psi w/ 5 bbl pad & surge, ret's hvy coal no water, very thick, circ & pump sweeps till clean. Dry well air only. TOOH to shoe, flow well. Flow well on 2" line. Gauge well on 2" line = to wet to gauge. 2 hr nat surge & flow = 450 psi, ret's lt on all. Pressure surge f/ shoe to 700 psi, ret's lt on all. Nat surge f/ shoe 2 times

11-17-2005 TIH to 3260' no fill. Circ & clean W/ 10 bph a/s mist & sweeps, ret's med coal & water. Dry well w/ air only. TOH to shoe, flow well. Flow well on 2" line. Gauge well on 2" line, to wet to gauge. Flow well on blooie line. SI f/ 2 hr nat. surge & flow = 525 psi, ret's lt coal & water. Pressure surge to 700 psi 4 times, ret's med coal & water. Nat surge 2 times.

11-18-2005 650 psi nat. surge, ret's lt on all. TIH tag fill @ 3255'. Circ & clean to 3260' w/ 5 bph a/s mist & sweeps. Dry well air only. TOOH to shoe @ 3060', flow well. SI f/ 4hr nat surge = 600 psi, ret's lt on all. Nat surges f/ shoe.

11-19-2005 Natural surges from shoe.

11-20-2005 Natural surges from shoe.

11-21-2005 Surge 4 hr nat. = 620 psi, ret's lt. on all. TIH tag fill @ 3250'. Circ. & clean hole w/ 8 bph a/s mist & sweep's, ret's lt coal & water, coffee size coal W/ trace of shale. Dry well w/ air only. TOH to shoe, flow well. Flow well on 2" line. 3 hr nat. surge f/ shoe = 520 psi, lt ret's on all. Nat. surge f/ shoe 3 times @ 600 psi, ret's lt. on all.

11-22-2005 4 hr nat. surge = 600 psi, ret's lt on all, bridged off @ 3229'. TIH, tag bridge @ 3229'. Circ. & clean fill w/ 5 bph a/s mist & sweep's, ret's lt coal, lt water, med coal w/ sweep's, dry well air only. TOH to shoe, flow well. Flow well on 2" line. Gauge well on 2" line = 24 oz. @ 752 mcf. Flow well, off load 7 jt's 5.5 N-80 17 lb LTC, & 101 jt's 2 7/8 J-55 6.5 lb EUE. SI f/ 3 hr nat. surge. = 480 psi, Lt. ret's. 3 - 4 hr nat. surges & flow 1 hr each = 580 psi, Ret's lt. coal & water, dusty. 301 v' - 332 2'

11-23-2005 Surge 4 hr nat. 580 psi, ret's lt. on all. TIH to 3260', no fill. Circ. & clean fill W/ 5 bph a/s mist & sweep's, lt return's on all, med coal w/ sweep's, Dry well w/ air only. TOH to shoe, secure well f/ nat. surges f/ shoe. Flow well on blooie line. Flow well on 2" line. Nat. surge f/ shoe 3 times & flow 1 hr each, 590 psi lt ret's on all.

11-24-2005 Nat. surge f/ shoe 4 times @ 590 psi to 600 psi, Ret's lt. on all.

11-25-2005 4 hr nat surge 590 psi, Ret's lt on all. TIH to 3260'. Circ. & clean fill W/ 5 bph a/s mist & sweeps's @ 3260', Ret's lt coal, lt to med water. TOH to shoe, Secure well f/ surges f/ shoe. Flow well on 2' line. Nat. surge f/ shoe 3 times 520 to 600 psi, Lt. ret's on all.

11-26-2005 Nat. surge f/ shoe 5 times 520 to 600 psi, Lt. ret's on all.

11-27-2005 4 hr nat. = 600 psi, lt ret's. TIH, tag fill @ 3250'. Circ. & clean fill to TD @ 3333' w/ 5 bph a/s mist & sweep's, ret's lt coal, med water. TOH to shoe. Flow well on 2" line. Flow well & evaporate pit, prep to TIH w/ liner.

11-28-2005 TIH & check f/ fill, no fill. TOOH, LD 8 jts, Cont TOH w/ DP & LD DC's & bit. Change out top BOP's to 5.5, PU & MU setting tool, RU csg crew. TIH w/ liner. RD csg crew. TIH w/ DP & liner, tie back drl line, PU 9 jts & drop of liner, TOL @ 3010'. TOOH, LD DP, SDFN.

11-29-2005 Bleed well down 550 psi. LD DP. RU Basin WL. Perf liner sections f/ 3077' to 3089', 3105' to 3118', 3150' to 3164', 3200' to 3236', made adj f/ collars on 3105'-18' & 3150'-64', RD WL. Prepare to TIH w/ 2 7/8" production tbg, SDFN.

11-30-2005 Bleed well down - 650 psi. PU jt #1 w/ mule shoe on bottom & SN on top, TIH w/ prod tbg. MU & land tbg hanger, end of tbg @ 3265', SN @ 3235'. ND BOP's, install prod tree & test, blow out check in SN, unload water, start RD of unit. Turn well to production department, release rig @ 1500 hrs.