

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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.  
TO DRILL" for permit for such proposals

2003 SEP 30 AM 11:33  
Use "APPLICATION  
070 Farmington, NM

Lease Designation and Serial No.  
SF-078771

If Indian, Allottee or Tribe Name

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)  
790' FSL & 1745' FWL, SE/4 SW/4, SEC 14-T31N-R6W

7. If Unit or CA, Agreement Designation  
ROSA UNIT

8. Well Name and No.  
ROSA UNIT #214

9. API Well No.  
30-039-24427

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.)\*

08-30-2003 MIRU, spot in equipment. Pull out of hole w/rods laying down, 120 - 7/8 guided rods & 8', 6', 4', & 2' pony rods, 2.875 pump, 3 - 1.250 sinker bars, & polish rod. Finish RU pump & pit, SWI till 9/3/03

09-03-2003 500 psi on csg, 0 psi on tbq, blow csg down, st. rig. Fill rig pit w/ yellow dog from reserve pit, pump 15 bbl down tbq & drop standing valve, press test tbq 1500 psi. ND well head. NU BOP, Sierra OFS rig up blooie lines, and loaded 120 - 7/8 sucker rods, 2', 4', 6', 8' pony rods, 2.875 pump, & 3 - 1.25" sinker bars, delivered them to Tuboscope per Ron Cochran. RU floor & 5 stage accumulator. Pull tbq hanger, TOOH w/ 1jt, 4' pup, 99 jts, S.N., 10' pup, 6' perf sub, 2 7/8 purge valve. Change elevators, MU TIW liner pulling tool to 2 7/8 AOH drill pipe, PU D.P. out of basket & TIH. Tag LT 13' out jt #94, screw into liner top. Release liner, pulled 25 stands, SWIFN

Continued on back

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

Signed

Tracy Ross  
TRACY ROSS

Title Production Analyst

Date

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

OCT 17 2003  
FARMINGTON FIELD OFFICE  
BY [Signature]

09-04-2003 Csg press = 750 psi, start rig, blow well down. Went to TOOH, liner stuck, pulled to 60k, press annulus w/ air to 750 psi, work pipe, didn't move. Pump water down D.P., D.P. went on suck, work pipe, liner wouldn't move, release pulling tool, well unloaded, call for fishing tools. Screw back into liner, work pipe, liner wouldn't move. Release pulling tool, TOOH, LT @ 1572'. Wait on fishing tools. PU fishing tools & drill collars, TIH. TIH w/ 2 7/8 D.P., tag L.T. w/ jt #43, 5' out @ 1575', LD 1 jt, SWIFN.

09-05-2003 Csg pressure = 750 psi, blow well down, unlock pipe rams, tie back single line. Screw into liner top, string wt 17K, set jars off @ 65K 4 times, liner moving up hole. Pulled 1std, no drag, tie back double fast, TOOH, LD fishing tool BHA. RU csg crew. PU fishing tool BHA, break out connections. Change top & bottom rams in top BOP, RU Barton recorder, release rig crew. Natural surge, 4 hrs = 675 psi, ret's hvy coal & hvy water, flow natural 1.5 hrs. SI for natural surge.

09-06-2003 Natural surge continued from 9-5-03, 4 hr SI = 550 psi, ret's med coal, med H2O, flow natural 1 hr, SI for 4 hr build up. Travel to location, hold safety meeting. 4 hr SI = 525 psi, ret's Lt coal, med H2O, flow natural while mechanic & crew pull out hydr raising ram on derrick. TIH w/ 61/4" bit, tag w/ 91jts @ 3114'. RU power swivel. Establish circulation w/ 10 bph mist. CO 49' of fill to 3163', running coal, pump sweeps. Pull bit up to 3005', release rig crew. Night crew natural surge, 3 1/2 hr SI = 500 psi, ret's Lt coal, Lt water, flow well natural 1 hr. SI for natural surge.

09-07-2003 SI for natural surge, 3.5 hr SI = 500 psi, ret's Lt coal, Lt water flow natural 1 hr, SI for 4 hr build up. Travel to location, hold safety meeting. 4 hr SI = 550 psi, ret's Lt coal, Lt water, flow natural .5 hr. TIH from 3005', tag @ 3148', CO 15' of fill, ret's bringing hvy coal, pump sweeps to clean up well bore. Circulate w/ air only, dry up well bore. RD power swivel, TOOH. RU power swivel to surge from surface. Pipe rams leaking, unable to get them to seal. Swap hoses to top blind rams, pump through mud cross, blinds holding, release rig crew. Air only break over, 2 1/4 hr = 800 psi, ret's hvy coal, hvy water, flow natural 2 1/4 hr. Surge from surface air mist 10 bph, 2 1/4 hr = 700 psi, ret's med coal, med water, flow natural 1 3/4 hr. Surge w/air mist 10 bph, build up continued after midnight.

09-08-2003 Surge from surface, air mist 10 bph, 1 3/4 hr = 700 psi, ret's med coal, med water, flow natural 2 1/4 hr, SI for 4 hr build up. Travel to location, hold safety meeting. 4 hr SI = 480 psi. Surge natural, ret's Lt water, flow natural. Surge energized from surface, air mist 7 bph, pump 3 - 7 bbl pads, one @ start, one @ 300 psi, one @ 600 psi, 3/4 hr = 900 psi, ret's hvy coal, hvy water, flow well natural, unloading foam w/ Lt coal, 2 1/4 hr. Natural surge, 4 hr SI = 500 psi, ret's Lt coal, Lt water, flow natural 1 1/2 hr. Surge natural, 4hr SI = 500 psi, ret's gas only, flow natural 1 1/2 hr.

09-09-2003 Surge energized w/ 3 - 7bbl pads, 1 @ st., 1 @ 300 psi, 1 @ 600 psi, 1 3/4 hr = 825 psi, ret's hvy coal, hvy water, flow natural for 2 1/4 hr, SI for 4 hr natural build. Travel to loc., hold safety meeting, 4 hr SI = 500 psi. Surge natural build up, ret's Lt mist, flow natural. RD power swivel. TIH. RU power swivel, PU singles off catwalk, tag @ 3150'. Est. circ. w/10 bph air mist, C/O to 3163', circ & pump sweeps, formation running coal. Returns slowed, PU to 3150', surge air mist 12 bph, 3/4 hr = 900 psi on drill pipe, 500 psi annulus, ret's hvy coal f/ fines up to 1/4" in size, hvy water, circ. w/air mist 1 1/4 hr. Surge air mist 12 bph, 3/4 hr = 800 psi on drill pipe, 550 psi on csg., hvy coal, fines to 1/4", hvy water, circ. 3/4 hr. PU to 3100', est circ w/ air mist, rel rig crew. Circ w/ 12 bph mist. Surge w/air mist 10 bph, 1/2 hr = 1100 psi on D.P., ret's very Lt coal, med water, circ w/air mist 2 hr. Surge w/air mist 10 bph, 1/2 hr = 900 psi, ret's med water, flow natural 1 1/2 hr.

09-10-2003 4 hr SI = 500 psi, ret's Lt wtr, circulate w/ air mist, flare well. Travel to loc., hold safety meeting, start unit & warm up. TIH from 3100', CO 8' of fill. Surge from 3150' w/ 12 bph mist, 1/2 hr = 850 psi on DP, ret's med coal, hvy wtr, pump sweep, circulate clean. Cut mist, blow w/ air only, LD 6 jts, hang swivel, TOOH. Install new raising ram, install new 4 3/4" ram rubbers, lower bit, bit sub & DC into BOP, shut 4 3/4" rams & lock. Start air only break over, 4 3/4" pipe rams leaking, unable to get them to seal, bypass air, open pipe rams & pull bit up, shut blind rams in top set of BOP's, release rig crew. Air only break over, 3 1/2" hr = 850 psi, ret's Lt coal, med H2O, flow natural 1 3/4 hr. Natural surge, 4 hr SI = 500 psi, ret's Lt wtr, flow natural 1 hr.

09-11-2003 Natural surge, 4 hr SI = 480 psi, ret's Lt wtr, flow natural 1 1/2 hrs. Travel to location, hold safety meeting, put on 2" line. RD floor, ND top BOP. NU BOP, RU floor, RU to surge from surface. Surge energized w/ 3 - 7 bbl pads, 1 @ 200#, 1 @ 400#, 1 @ 600#, 1 3/4 hr = 900 psi, ret's hvy coal, hvy wtr, flow natural 2 hrs. Natural surge, 4 hr SI = 480 psi, ret's Lt water, well loading up & unloading on its own, flow natural 4 hrs. Surge from surface energized will carry into 9/12/03.

09-12-2003 Surge energized from surface, 2 hr = 800 psi, ret's Lt coal & wtr, flow natural, SI for 4 hr natural. Travel to location, safety meeting, 4 hr SI = 500 psi. Surge natural, ret's Lt water, flow natural. Surge energized from surface with air & 3 - 7 pads, 1 3/4 hr = 875 psi, ret's hvy coal, hvy wtr. Well loading up w/ fluid & unloading on its own, rig crew doing minor repairs on rig & rig pump. Natural surge, release rig crew @ 1430 hrs, 4 hr SI = 480 psi, ret's Lt coal, med wtr, flow natural 2 hr. Natural surge, 4 hr SI = 480 psi, ret's very Lt coal, med wtr, flow natural.

09-13-2003 Flow natural. Natural surge, 4 hr SI = 500 psi, ret's med water, flow natural. Travel to loc, safety meeting. Surge energized from surface with air & 3 - 7 bbl pads, ret's med coal, hvy water, well load up and unload on its own, flow natural 1 1/4 hrs. TIH with 6 1/4" bit. PU power swivel. Tag @ 3153', CO 10' of fill, pump sweeps. Circulate w/air only to try and dry up water. PU to 3020', release rig crew. Surge from 3020', air only, 1 1/2 hr = 675 psi, ret's very Lt coal, med water, flow natural 1/2 hr. Surge from 3020' w/ air & 2 - 5 bbl pads pumped @ 250# & 500#, 1 3/4 hr = 800 psi, ret's med coal, med water, flow natural 3/4 hr. Surge same as above, 1 1/2 hr = 700 psi, ret's Lt coal, med water, flow natural 1 1/2 hr. Surge same as above, carry over to 9/14/03.

09-14-2003 Continue to surge, 1 hr = 650 psi, ret's Lt coal, med water, flow natural 2 1/2 hrs, SI for 4 hr build up. Travel to location, safety meeting, 4 hr SI = 500 psi. Surge natural, ret's Lt mist. Surge from 3150' w/ air, pump 5 bbl pad @ 250 psi & 500 psi, ret's med coal, hvy water. Circulate w/air only, bucket test = 10 bph. LD 6 jts, hang power swivel, TOOH. RU power swivel & DC to surge from surface. Air only break over, 2 1/2 hr = 800 psi, ret's very Lt coal & mist, flow natural, started bringing water. 4 hr natural SI = 475 psi, med to hvy coal & coal dust, flow natural 2 1/2 hr, bringing med water.

09-15-2003 Natural surge, 4 hr SI = 450 psi, ret's lt coal & wtr, flow natural 3 hrs. Travel to location, safety meeting. Surge energized w/ 2-5 bbl pads, 1 ¼ hr = 775 psi, ret's hvy coal & wtr, flow natural, hang power swivel. TIH w/ 6 ¼" bit, PU power swivel. Tag @ 3153', establish circulation, CO 10' of fill, pump sweeps. Circulate w/ air only. PU to 3020', flow well natural & evaporate pit wtr. Unload 5 jts new csg, load 5 jts old csg to return to Tuboscope, release rig crew. Turn over to night crew, flow well natural & evaporate pit.

09-16-2003 Flow natural, evaporate pit water. Travel to location, safety meeting. TIH from 3020', tag bridge @ 3120'. Est. circ w/ air mist 10 bph, CO bridge @ 3120', CO 5' of fill, cut mist blow DP dry. Hang swivel, LD 5 jts DP. TOOH standing back DP. LD 4 ¾" DC's. MU liner drop off tool to jt of DP, RU csg crew, install 5 ½" csg rams. TIH w/ TIW LA set shoe, 5 jts 5 ½" 17#, N80 csg, TIW H-latch setting tool. RD csg crew. Change elevators, TIH w/ DP. Tag @ 3163', drop off liner, shoe @ 3163', liner top @ 2933'. TOOH, LD DP, SWIFN, rel rig crew.

09-17-2003 Csg pressure = 500 psi. Waiting on wireline crew, blow well down, hold safety meeting. RU Computalog. Perforate following intervals w/ 3 1/8 guns, 4 spf, 3015' to 3025', 3041' to 3066', 3080' to 3100', 3120' to 3160', rig down perforators. TIH as follows: 2.875 half muleshoe, 1 jt, 2.875 x 2.250 ID seating nipple, 98 jts 2.875 tbg, 6' pup jt, 10' pup jt, 1 jt. PU 1 jt 2.875 tbg & check for fill, tagged @ 3162', no fill, pull stripping rubber. Land tbg using 12' kb, half muleshoe @ 3150', top of seat nipple @ 3117'. ND BOP. NU well head. Pressure tbg to 250 psi & pump out aluminum plug, circ. 1 hour. Rig down, release rig. Turn well to production department.