

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

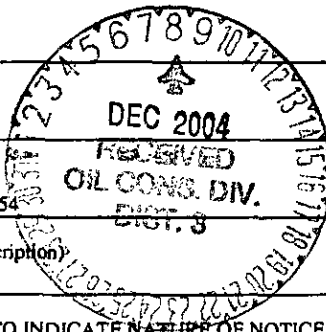
SUNDRY NOTICE AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

RECEIVED
070 FARMINGTON 12

5. Lease Designation and Serial No.
SF-078767
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
ROSA UNIT #226A
9. API Well No.
30-039-27817
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)
1380' FNL & 890' FWL, SW/4 NW/4 SEC 13-31N-06W



CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other <u>Completion</u>
	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 directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

09-14-2004 MIRU, NDWH & NUBOP's, SDFN.

09-15-2004 SICP = 200 psi, SU equip, blow well down. TIH w/ bit & 8 DC's, tally & TIH w 40 jts DP, tie back on single line. RU power swivel & PU 6 more jts DP, set bit @ 3188'. Unload well, rets hvy brown & gray wtr & light 1/4" coal, circ well w/ 15 bph a/s mist, run two 4 bbl sweeps, rets light 1/4" coal, LD 6 jts DP & set bit @ shoe. Surge f/ shoe @ 900 psi w/ one 5 bbl pad & 12 bph a/s mist SI for 1 1/2 hrs, rets no coal & light brown wtr, NF for 1 hr, appx 5' flare. Surge well @ 900 psi w/ one 5 bbl pad & 12 bph a/s mist, SI for 2 hrs, rets trace coal & light brown wtr, NF for 1 hr.

09-16-2004 Surge well @ 1000 psi w/ one 5 bbl pad & 12 bph a/s mist, SI for 2 hrs, rets trace coal & light wtr, NF for 1 hr. SI for nat build up, 4 hr SICP = 360 psi. Start up equip, nat surge, rets trace to light coal & light wtr, NF for 1 hr, appx 6' flare. PU 6 jts DP & set bit @ 3188' no fill. Break circ w/ 12 bph a/s mist, circ well & run three five bbl sweeps, rets light 1/4" coal & gray wtr. Surge well @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets light coal & light brown wtr, follow surge w/ a/s mist, NF for 45 mins. LD 6 jts DP, RD power swivel, change over to 2 lines. TOOH w/ bit, lock same in top rams. Surge well four times f/ surface @ 900 psi w/ 2 pads & 12 bph a/s mist rets trace coal on each surge w/ light wtr, NF each surge for 1 hr.

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 _____

Date DEC 06 2004

Conditions of approval, if any:

ACCEPTED FOR RECORD

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

09-17-2004 Surge f/ surface @ 900 psi w/ 2 pads & 12 bph a/s mist rets trace coal w/ light wtr, NF for 2 hrs. SI for nat build up, 4 hr SICP = 420 psi. Blow well down out 2" csg, RU Black Warrior to perforate open hole. Run in hole w/ 20' gun & tagged hard @ shoe, come out of well w/ gun. RD perforators, RU power swivel & pressured @ 700 psi to see if bridge would break, no rets. RD power swivel & TIH w/ bit to 3010', tie back to single line. RU power swivel, PU 6 jts DP, C/O to 3195', rets light 1/4" coal & black wtr. LD 6 jts DP, RD power swivel, CO to two lines, TOOH w/ bit. Change out stripper head & RU perforators. Perforate open hole w/ 2 3/4" HSC guns, .360 shot (15 grams) w/ 6 shots per foot, 27" pen, 1st run (3100' to 3120') 120 shots, 2nd run (3170' to 3180') 80 shots, 3rd run (3028' to 3032') 16 shots, 216 total shots, all shots fired, RD perforators. PU bit, bit sub & one jt DP, RU power swivel, lock in top rams. Surge well f/ surface @ 1000 psi w/ air only, rets light coal & light wtr, NF for 1 hr. Surge well @ 1000 psi w/ air only, rets light coal & med wtr, NF 1 1/2 hrs.

09-18-2004 Surge well @ 800 psi w/ air only, rets light coal & med wtr, NF 1 1/2 hrs. SI for nat build up, 4 hr SICP = 400 psi. SU equip, nat surge, rets light coal & light wtr, NF 1 hr. RD power swivel, TIH w/ bit to shoe, tie back to single line. RU power swivel, PU DP & tag fill @ 3140', break circ w/ 12 bph a/s mist & C/O 50' of fill f/ 3140' to 3190', run two 5 bbl sweeps, LD 5 jts DP & set bit @ 3033'. Surge well f/ shoe @ 1100 psi w/ three 5 bbl pads & 10 bph a/s mist, rets light coal & hvy wtr, NF 1 1/2 hrs. Surge well @ 1300 psi w/ two 5 bbl pads & 10 bph a/s mist, SI for 4 hrs, rets light to med 1/4" coal & hvy soapy wtr, NF 1 hr. Surge @ 1300 psi w/ 12 bph a/s mist, rets light coal & hvy soapy wtr, NF 1 hr. Surge @ 1100 psi w/ 12 bph a/s mist, rets light coal & hvy soapy wtr.

09-19-2004 NF well, well flowing hvy soap constant. SI for nat build up, 4 hr SICP = 350 psi. SU equip, nat surge, rets light coal & hvy soapy wtr, NF 1 hr. PU 5 jts DP & tag fill @ 3160', break circ w/ 12 bph a/s mist, C/O 30' of fill, rets 1/4" coal, run three 5 bbl sweeps, LD 5 jts DP & set bit @ 3033'. Surge well f/ shoe @ 1400 psi w/ 12 bph a/s mist, rets med to hvy coal & med wtr, NF 1 hr. Surge well @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets med coal & light wtr, NF 1 hr. SI for nat build up, 4 hr SI = 500 psi, rets light coal & light wtr, NF 1 hr. (still waiting on vac truck). SI for nat build up.

09-20-2004 SI for nat build up, 4 hr SI = 500 psi, NF for 3 hrs. SI for natural build up, 4 hr SICP = 500 psi. SU equip, nat surge, rets light coal & light mist, NF 1 hr. SI for nat surge, everything on location is full of rain wtr, 4 hr SI = 500 psi, rets light coal & light mist, NF 1 hr. Still waiting on vac trucks, SI for nat surge 4 hr SI = 400 psi, light coal & mist, NF 1 hr. SI for nat surge, 3 hr SI = 350 psi, rets trace coal & light mist, NF 1 hr. Surge well @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets light to med coal & med wtr, NF 1 hr.

09-21-2004 Surge well @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets light to med coal & med wtr, NF 2 hrs. SI for nat build up, 4 hr SICP = 540 psi. SU equip, nat surge f/shoe, rets light coal & light wtr, NF 1 hr. PU 5 jts DP & tag fill @ 3140', break circ w/ 12 bph a/s mist & C/O 50' of 1/8" to 3/4" coal, run two 5 bbl sweeps. Blow well dry, LD 5 jts DP, RD power swivel & CO to 2 lines, TOOH w/ bit. Put new rubbers in top BOP rams & doors, lock DC in top rams. Gauge well on 2" open line @ 265 mcf, all gauges dry = 3 oz. Air only break over @ 1400 psi, small breakover, rets med coal & light wtr, NF 1 hr. SI for natural surge 4 hr SI = 550 psi, rets light coal & light wtr, NF 1 hr. Surge well f/ surface @ 1200 psi w/ one 5 bbl pad & 12 bph a/s mist, rets light coal & wtr, NF 1 hr.

09-22-2004 Surge well f/ surface @ 1200 psi w/ one 5 bbl pad & 12 bph a/s mist, rets med coal & light wtr, NF 1 1/2 hrs. SI for nat build up, 4 hr SICP = 480 psi. SU equip, nat surge, rets light coal & light wtr, NF 1 hr. Surge f/ surface @ 1400 psi w/ two 5 bbl pads & 10 bph a/s mist, rets med 1/4" coal & light wtr, NF 1 hr. Surge well @ 1200 psi w/ three 5 bbl pads & 10 bph a/s mist, rets med coal & hvy soapy wtr w/ hvy fine coal, NF 1 1/2 hrs. SI for nat surge, 4 hr SI = 400 psi, rets light coal & light wtr, NF 1 hr. Surge well @ 1100 psi w/ two 5 bbl pads & 12 bph a/s mist, rets med coal & med wtr, NF 1 hr. Surge well @ 1100 psi w/ two 5 bbl pads & 12 bph a/s mist, rets med coal & light wtr, NF 1 hr. Surge well @ 1100 psi w/ 12 bph a/s mist, rets light to med coal & light wtr, NF 1 hr, appr 12' flare.

09-23-2004 Surge well @ 1100 psi w/ one 5 bbl pads & 12 bph a/s mist, rets med coal & med wtr, acted like it bridged off, NF 2 hrs, appr 8' flare, SI for nat build up. 4 hr SICP = 190 psi, SU equip, nat surge, rets no coal & light mist, NF 30 mins. RD power swivel, TIH w/ bit & tag bridge @ 2450', LD 18 jts DP & TIH w/ remaining 9 stands in derrick, (23 jts on rack) tie back to single line, RU power swivel. Break circ w/ 14 bph a/s mist, C/O 80' bridge, PU 16 jts & tag bridge @ 2940', C/O bridges to 3150' & solid fill to 3190', rets 1/4" coal, run two 5 bbl sweeps. LD 5 jts DP & set bit @ 3033', CO stripper head rubber, turn over to night crew. Surge f/ shoe 5 times @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets on 1st two surges med coal & wtr, rets on last two surges hvy coal 1/4" to 3/4" in size, NF each surge 1 hr.

09-24-2004 Surge f/ shoe @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets med coal & wtr, NF 1 hr. SI for nat build up. 4 hr SICP = 580 psi, nat surge, rets hvy coal & med wtr, NF 1 hr. Surge well @ 1000 psi w/ two 5 bbl pads & 12 bph a/s mist, rets hvy coal & med wtr, well bridged off & stuck pipe. Pressure down csg @ 1000 psi to equalize pressure, surge csg & pull pipe, repeat procedure twice & pipe & bridge came free, run two 5 bbl sweeps. Surge well @ 800 psi w/ one pad & 10 bph a/s mist, rets hvy coal & med wtr, well bridged off again. Pressure down csg until pipe & bridge came free. Break circ w/ 12 bph a/s mist, C/O fill f/ 3045' to 3190', rets hvy 1/4" coal, well running hvy 1/4" to 1/2" coal @ 3180', run four 4 bbl sweeps, LD 5 jts DP & set bit @ 3033', shut & lock rams. SI well for natural surge, 4 hr SICP = 500 psi, rets med coal & wtr, NF 1 hr. SI for natural surge.

09-25-2004 SI for natural surge, 3 hr SI = 500 psi, rets lt coal & wtr, NF 1 hr. SI for nat build up. 4 hr SICP = 580 psi, nat surge, rets lt to med coal & lt wtr. Break circ w/ 13 bph a/s mist, CO 80' of fill from 3110' to 3190', run 4 bbl sweeps every 20 mins, rets hvy 1/4" coal & a trace of shale, bottom coal running lt 1/4" coal. LD 5 jts DP, RD power swivel, CO to 2 lines. TOOH w/ bit, lock same in top rams. NF well 1 hr. Natural surge f/ surface, 4 hr SI = 500 psi, rets trace coal & lt mist, NF 1 hr. SI for natural surge.

09-26-2004 SI for natural surge, 4 hr SI = 500 psi, rets lt coal & lt mist, NF 1 hr. SI for natural build up. 4 hr SI = 460 psi, nat surge, rets lt coal & med wtr, NF 1 hr. SI for nat surge, 4 hr SI = 500 psi, rets trace coal & lt wtr, NF 1 hr. SI for nat surge, 4 hr SI = 540 psi, rets lt coal & lt wtr, NF 1 hr. SI for nat surge, 4 hr SI = 540 psi, rets lt coal & lt mist, NF 1 hr. SI for nat surge.

09-27-2004 SI for nat surge, 3 hr SI = 480 psi, rets coal dust & lt mist, NF 1 hr. SI for nat build up. 4 hr SI = 550 psi, nat surge, rets lt coal & mist, appr 25' flare. Surge f/ surface @ 1000 psi w/ two 5 bbl pads & 12 bph a/s mist, rets med coal & lt wtr, NF 1 hr. Surge well @ 1200 psi w/ two 5 bbl pads & 10 bph a/s mist, rets hvy coal & lt wtr, NF 1 hr, well acted to be loaded up w/ soapy wtr, appr 7' flare. Surge well @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets med coal & lt wtr, NF 1 hr. Surge well @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets med coal & lt wtr, NF 1 hr. Surge well @ 1200 psi w/ 12 bph a/s mist, SI for 1 hr, rets med coal & lt wtr, NF 1 hr. Pressure well @ 1000 psi, pressure dropped to 500 psi like a bridge broke, surge well, rets hvy coal & med wtr, NF 1 hr, well flowed soapy wtr w/ hvy fines constant, appr 25' flare. Surge well @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets hvy coal & med wtr, NF 1 hr. Surge well @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets hvy coal & lt wtr.

09-28-2004 NF well 1 hr. Surge well f/ surface @ 1000 psi w/ one 5 bbl pad & 12 bph a/s mist, rets med coal & lt wtr, NF 1 hr. SI for nat build up. 4 hr SICP = 540 psi, nat surge, rets med coal & lt wtr, NF 1 hr. Surge f/ surface @ 1200 psi w/ two 5 bbl pads & 12 bph a/s mist, rets hvy coal & wtr, NF 1 hr, well acted loaded up w/ wtr. Surge well @ 1000 psi w/ 10 bph a/s mist, rets med coal & lt wtr, NF 1 hr. Surge well @ 1000 psi w/ 12 bph a/s mist, rets hvy coal & wtr, well bridged off. Pressure well w/ air only @ 1200 psi, SI for 1 1/2 hrs to equalize pressure @ bridge, rets light coal & wtr, NF 1 hr. Surge well @ 850 psi w/ one 5 bbl pad & 10 bph a/s mist, rets trace coal & lt wtr, NF 1 hr. Surge well @ 1100 psi w/ one 5 bbl pad & no mist, bridge broke & pressure dropped to 600 psi, surge well, rets hvy 1/2" to 1" coal & hvy thick black wtr, well still bridged. Surge well @ 1000 psi w/ one 5 bbl pad & no mist, rets med coal & hvy black soapy wtr w/ hvy fines, NF 1 hr, well flowed hvy soap w/ fines for 45 mins.

09-29-2004 Surge well @ 1100 psi w/ one 5 bbl pad & 10 bph mist, rets med coal & hvy black soapy wtr w/ hvy fines, NF 2 hrs, well flowed hvy soap w/ fines for 30 mins. SI for nat build up. 4 hr SICP = 475 psi, nat surge, rets lt coal & mist, NF 1 hr. RD power swivel, CO top rams to 2 7/8". TIH w/ bit, tag fill @ 2860'. Tie back to single line, RU power swivel. Break circ w/ 12 bph a/s mist, C/O several bridges & tagged solid fill @ 3120', well running lt 1/4" coal all the way down, run 4 bbl sweeps after each jt until clean, last 20' well ran hvy 1/2" to 1 1/2" coal, C/O to 3188', run three 5 bbl sweeps. LD 5 jts DP & set bit @ shoe, shut & lock top rams, turn over to night crew. SI for nat surge f/ shoe, 4 hr SI = 490 psi, rets lt coal & med wtr, NF 1 hr. SI for nat surge.

09-30-2004 SI for nat surge, 4 hr SI = 520 psi, rets lt coal & med wtr, NF 1 hr. SI for nat build up, 4 hr SICP = 550 psi, nat surge, rets lt coal & lt wtr, NF 1 hr. PU 2 jts DP & tag bridge @ 2980', break circ w/ 12 bph a/s mist, CO several bridges & 40' of fill, rets hvy 1/2" to 1" coal & shale (70/30), run three 5 bbl sweeps, rets lt to med 1/2" coal, circ well clean. LD 5 jts DP, blow well dry. SI for natural surge, 4 hr SI = 500 psi, rets lt coal & lt wtr, NF 1 hr. Surge f/ shoe @ 1000 psi w/ one 5 bbl pad & 10 bph a/s mist, rets med coal & hvy wtr, NF 1 1/2 hrs. Surge f/ shoe @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets med to hvy coal & med thick black wtr, NF 1 1/2 hrs.

10-01-2004 SI for nat surge, 4 hr SI = 520 psi, rets lt coal & med wtr, NF 1 hr. SI for nat build up. 4 hr SICP = 550 psi, nat surge, rets lt coal & lt wtr, NF 1 hr. PU 2 jts DP & tag bridge @ 2980', break circ w/ 12 bph a/s mist, C/O several bridges & 40' of fill, rets hvy 1/2" to 1" coal & shale (70/30), run three 5 bbl sweeps, rets lt to med 1/2" coal, circ well clean. LD 5 jts DP, blow well dry. SI for natural surge, 4 hr SI = 500 psi, rets lt coal & lt wtr, NF 1 hr. Surge f/ shoe @ 1000 psi w/ one 5 bbl pad & 10 bph a/s mist, rets med coal & hvy wtr, NF 1 1/2 hrs. Surge f/ shoe @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets med to hvy coal & med thick black wtr, NF 1 1/2 hrs.

10-02-2004 SI for nat surge, 4 hr SI = 550 psi, rets lt coal & wtr, NF 1 hr. SI for nat build up. 4 hr SI = 550 psi, nat surge, rets lt coal & lt mist, NF 1 hr. Break circ w/ 12 bph a/s mist, C/O some small bridges & tag solid fill @ 3150', C/O 40' of fill f/ 3150' to 3190', rets 1/4" coal & shale, circ well clean & run two 5 bbl sweeps. SI for nat surge, 4 hr SI = 520 psi, rets lt coal & lt wtr, NF 1 hr. SI for nat surge, 4 hr SI = 580 psi, rets lt to med coal & lt wtr, NF 1 hr. SI for nat surge.

10-03-2004 SI for nat surge, 4 hr SI = 620 psi, rets lt coal & lt wtr, NF 1 hr. SI for nat build up. 4 hr SI = 620 psi, nat surge, rets med coal & lt wtr, NF 1 hr. Break circ w/ 12 bph a/s mist, tag fill @ 3155', C/O 35' of fill f/ 3155' to 3190', rets 1/8" coal, run two 5 bbl sweeps, circ well clean. Blow well dry, LD 5 jts DP. SI for nat surge, 4 hr SI = 500 psi, rets trace coal & lt mist, NF 1 hr. SI for nat surge, 4 hr SI = 520 psi, rets trace coal & lt wtr, NF 1 hr. SI for nat surge.

10-04-2004 SI for nat surge, 4 hr SI = 500 psi, rets trace coal & lt wtr, NF 1 hr. SI for nat build up. 4 hr SICP = 475 psi. Nat surge, rets lt coal & lt mist, NF 1 hr. PU 3 jts DP & tag fill @ 3135', break circ w/ 12 bph a/s mist, C/O 153' of fill f/ 3135' to 3288', rets 1/8" to 1/2" coal, circ well clean. Blow well dry, LD 7 jts DP, RD power swivel & change over to 2 lines. TOOH w/ bit, LD 8 DC's in pipe basket, get ready to run 5.5" liner in the AM. NF well, evaporate reserve pit over night.

10-05-2004 NF well, evaporate reserve pit over night. RU SJC csg crew, PU & MU liner set tool, CO & float subs. Tally & PU & MU 8 jts 5.5" 17# N-80 csg, RD csg crew. TIH w/ 305' of 5.5" csg, tag tight spot @ 3025'. Tie back to single line, RU power swivel, break circ w/ 15 bph a/s mist, work through 20' tight spot & run liner to 3190', ream the last 100' of open hole, J - off liner, BOL @ 3284', TOL @ 2975', 7" shoe @ 3014', 39' overlap w/ liner. TOOH w/ 2 7/8" DP, lay down into pipe basket. NO innovator head, shut & lock rams.

10-06-2004 SICP = 575 psi. Rig up Computalog to perf, missing parts for lubricator, WO parts. Perforate 5.5" liner w/ 3 1/8" HSC guns, 4 shots per foot, .369 charges w/ .49 hole, 12 grams w/ 17" penetration, 1" run (3098' - 3116') & (3026' - 3034') 104 shots, 2nd run (3167' - 3197') 100 shots, 204 total shots, all shots fired, RD perforators, change out stripper heads. Tally & TIH w/ prod string. Land well as follows, 1/2 mule shoe, 1 jt 2 7/8" tbg, S/N & 102 jts 2 7/8" tbg, 103 total jts tbg, M/S set @ 3227' & S/N set @ 3196', RD floor, tongs, ect, ND BOP's. NU well head & test to 3000 psi, tested good, PO pump out plug & unload well w/ air. RD rig, pump, pit & hardline, release Rosa 226A to production department, release rig @ 1830hrs, 10/6/04.