

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

2007 MAY 15 AM 9:46

5. Lease Designation and Serial No.  
NMSF-078894

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
ROSA UNIT #310A

9. API Well No.  
30-039-29779

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)  
1565' FNL & 2500' FWL. SE/4 NW/4 SEC 26-T31N-R04W



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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
☒ Subsequent Report  
Final Abandonment

Abandonment  
Recompletion  
Plugging Back  
Casing Repair  
Altering Casing  
Other Cavitate, run liner & tbg, RTP

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.)\*

04-01-2007 MIRU, spot equip on loc, spot rig on rig ramp & SDON.

04-02-2007 Csg press 400 psi, tbg press 150 psi, RU unit & pump, ND WH, NU cav stack, NU blooie line, set plug in donut, press test stack to 1500 psi for 30 min, 200 psi for 10 min, good tests. Pull donut, PU 2 jts 2 7/8" tbg, tag bridge 34' below 7" shoe, unload slug of water w/ air, spud on bridge, break through bridge, well started making med 1/4" coal to fines in black water, well making 7 bbl water per hour, LD 2 jts tbg & SWI.

04-03-2007 Csg & tbg press 200 psi, strap tbg out of hole, PU 8 4 3/4" DC's, strap & PU 82 jts 2 7/8" DP, PU 3.5 PS, circ well w/ air mist, surge 5 times w/ air mist, 30 minutes to 800 psi, ret's light coal fines & water.

04-04-2007 Surge 3 times w/ air mist to 800 psi, returns light fines & water, SI for natural surge. 4 hour SI press 200 psi, pull remainder of pipe out of basket & strap, PU 38 jts DP, tag fill @ 3967', CO to 4000', bottom of Basel coal, returns med 1/16" coal in black water for 2 hours, returns increased to heavy 1/4" coal in black to brown water, pull bit into 7" csg, surge 3 times w/ air mist to 1200 psi, returns med coal fines & water.

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 8, 2007

(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

MAY 15 2007

NMOCD

FARMINGTON FIELD OFFICE

04-05-2007 Surge 2 times w/ air mist, ret's med fines & water, SI 4.5 hrs for nat surge, 200 psi, release nat surge, TIH, tag @ 3986', CO to 4016', 16' below Basel coal, tight hole, light ret's, hole freed up, ret's heavy 1/4" coal to fines in black water for 4 hrs, ret's reduced to light coal fines in gray water, surge 2 times w/ air mist, 2 hr 1500 psi, ret's med fines in water, ran out of comp fuel @ 21:30 hrs, 4 hr nat surge to midnight, 200 psi, ret's light fines & mist.

04-06-2007 SI well for nat surge, csg press 200 psi, release nat light fines, TIH, tag 3960', CO through Basel coal to 4016', hole tight & sticky for 4 hrs, ret's light for 1st hour then heavy 1/4" coal to fines in black water for 4 hrs, reducing to light 1/16" to fines in brown water, have 1 to 2% shale, pull into 7", surge 3 times, 2.5 hrs, press 1350 to 1580 psi, ret's coal fines in black water.

04-07-2007 Surge 6 times w/ air/mist, 2.5 hr pump time, press 1500-1690 psi, air is circ as surge is released to carry returns out of dir well, ret's heavy coal sludge for approx 5 min then light fines, 5 hr nat build up 380 psi.

04-08-2007 Surge 6 times w/ air/mist, 2.5 hr pump time, press 1400-1800 psi, air is circ as surge is released to carry ret's out of dir well, ret's heavy coal sludge for approx 5 min then light fines, 5 hr nat build up 280 psi.

04-09-2007 Surge w/ air mist to 1240 psi, returns-heavy coal sludge & fines, 5 hr SI-350 psi. Release nat surge, returns-light fines, TIH, tag @ 3940', CO to Basel coal, hole tight, running heavy 1/4" coal to fines in brown water, increased mist from 12 to 16 bph to get hole to free up, returns reduced to med 1/4" to fines, dry hole for 35 minutes, still making 1/2 bwph, surge 2 times w/ air mist, med coal sludge & fines.

04-10-2007 Surge w/ air mist, 1 1/2 comp time, pressure-1240 psi, returns-med coal sludge & fines, 5 hr SI-400 psi, release nat surge, light coal fines, TIH, tag @ 3990', CO to 4016', tight hole in bottom 20', returns-heavy 1/4" coal to fines in brown water reducing to light 1/4" to fines, pull into 7", surge 3 times w/ air mist, had pressure break on 1st surge, returns on all-heavy coal sludge & fines.

04-11-2007 Surge w/ air mist, returns-heavy coal sludge & 1/4" coal, SI for nat surge. Csg press 300 psi, release nat surge, returns-light coal fines & mist, TIH, tag @ 3960', break circ, CO to 4016' w/ air mist, returns 1/4" coal to fines in black to brown water reducing to med to light 1/4" to fines, pull into 7" csg, surge 2 times w/ air mist, returns-heavy coal sludge & 1/4" coal.

04-12-2007 Surge w/ air mist to 1460 psi, heavy coal sludge & 1/4" coal, SI for 5 hrs, press 300 psi, TIH, tag 3986', CO through Basel coal to 4016', pipe stuck, bit @ 4008', work pipe, had some circ, SI well, press up on back side to 1000 psi, work pipe, pipe came free, surge press off, CO Basel coal, returns heavy 1/2" coal to fines in black water reducing to med 1/4" coal to fines in brown water, pull into 7" csg, nat surge two times, 4 hr SI's, 150 & 100 psi, returns coal sludge & coal fines, flow 30 min, circ w/ air 30 min.

04-13-2007 SI well for nat surge, 7 hr SI, press 220 psi, release surge, returns light coal fines. TIH, tag @ 3990', CO to 4016', hole sticky, returns heavy 1/4" coal in brown water, surge nat two times, pressure-60 psi, returns light coal fines.

04-14-2007 Nat surge well 5 times, 4 hr SI, press 50 psi, returns light coal fines, circ well for 30 min, then flow nat.

04-15-2007 Natural surge 5 times, 4 hr SI, press 50 psi, returns light coal fines & mist.

04-16-2007 Nat surge, 4 hr SI, 50 psi, TIH, tag fill @ bottom of Basel coal, CO, well unloaded large slug of water, returns heavy 1/4" coal to fines in brown water, CO 100' of rat hole, start to pull into 7" csg, hole got tight, put air mist on hole, press to 1100 psi, hole unloaded, ran heavy 1/4" coal & shale to coal fines, work pipe free, circ hole, pull into 7" csg, nat surge, 4 hr SI, 60 psi.

04-17-2007 Flow nat surge, 5 hr SI, press 50 psi, release surge, very light fine & gas, TIH, tag fill @ 3990', CO to 4010', returns-heavy 1/4" coal & shale (60/40) in brown water, CO rathole to 4100', LD 4 jts, bit @ 3980', circ w/ air & 10 bph water, returns-heavy 1/4" coal & shale (60/40) to coal fines in brown water reducing to light 1/4" coal & shale to fines in brown water.

04-18-2007 Circ w/ air mist, bit @ 3980', bit in middle of Basel coal, returns-heavy to med 1/4" coal & shale, (70/30) in brown water. CO through Basel coal w/ air mist, returns-heavy 1/4" coal to fines in brown water, CO 100' of rat hole, LD 3 jts, bit @ 3980', dry well for 1 1/2 hr, well still making 1/2 bph water, blow well down, well loading w/ water, circ w/ air mist, well running heavy to med 1/4" coal to fines, shale is decreasing.

04-19-2007 Circ well w/ air mist, bit @ 3980' in middle of basel coal, returns-heavy to med 1/4" coal & light shale & coal fines in brown water, CO through basel coal w/ air mist, returns-heavy 1/4" coal & heavy coal fines in brown water, CO 100' of rat hole, LD 3 jts DP, bit @ 3980', circ well w/ air mist, well running heavy to medium 1/4" coal & heavy coal fines.

04-20-2007 Circ w/ air mist, bit @ 3980', in middle of basel coal, returns-heavy to med 1/4" coal, heavy coal fines & light shale, CO through basel coal w/ air mist, returns-heavy 1/4" coal & shale (90/10) & heavy coal fines in brown water, returns-reducing to med 1/4" coal & heavy fines, CO 100' of rat hole, LD 3 jts, bit @ 3980', circ w/ air mist, well running med 1/4" coal & heavy fines.

04-21-2007 Circ well w/ air mist, bit @ 3980', well running medium coal fines & light 1/4" coal.

04-23-2007 Cir well w/ bit @ 3980', returns med coal fines, light 1/4" coal, CO to Basel coal, returns heavy 1/4" coal & fines, reduce mist from 10 bph to 5 bph, returns reduced to med to light 1/4" coal & fines, pull bit to 3980', circ w/ air & 5 bph mist, well running light to med coal fines.

04-24-2007 Circ well w/ air & 5 bph mist, returns-light fines, CO to TD w/ air & 5 bph mist, returns-med 1/4" coal & fines, drop mist to 1 bph, returns reduced to light 1/4" coal & fines, TOOH, PU & run liner, TIH w/ liner, tag @ 4000', circ liner w/ air mist to 4100', stand liner on bottom, ran 6 jts 5 1/2" 17#, N-80, LT&C, ran 6 1/4" bit on bottom, set liner @ TD-4100', top of liner @ 3851', 62' overlap, LD 2 jts DP, RD PS, SI well, secure location & SDON.

04-25-2007 Csg SI pres 100 psi, bleed down through 2" line, LD DP & DC's, RU Basin Perf, perf coal w/ 4 SPF, a total of 160 holes, 0.50" dia, intervals-3975'-4005' & 3940'-3950', TIH w/ tbg, ran 130 jts 2 7/8", 6.5#, J-55 tbg, 1/2" mule shoe on bottom & 2.25" ID F-nipple @ 3995', land tbg @ 4027', ND BOP, NU WH, turn well to production department, release rig @ 2000 hrs, 4/25/07.

**ROSA UNIT #310A  
BASIN FRUITLAND COAL**

Surface Location:

1565' FNL and 2500' FWL  
SE/4 NW/4 Sec 26(F), T31N, R04W  
Rio Arriba, NM

Bottom Hole Location:

689' FNL and 1959' FWL  
NE/4 NW/4 Sec 26(C), T31N, R04W  
Rio Arriba, NM

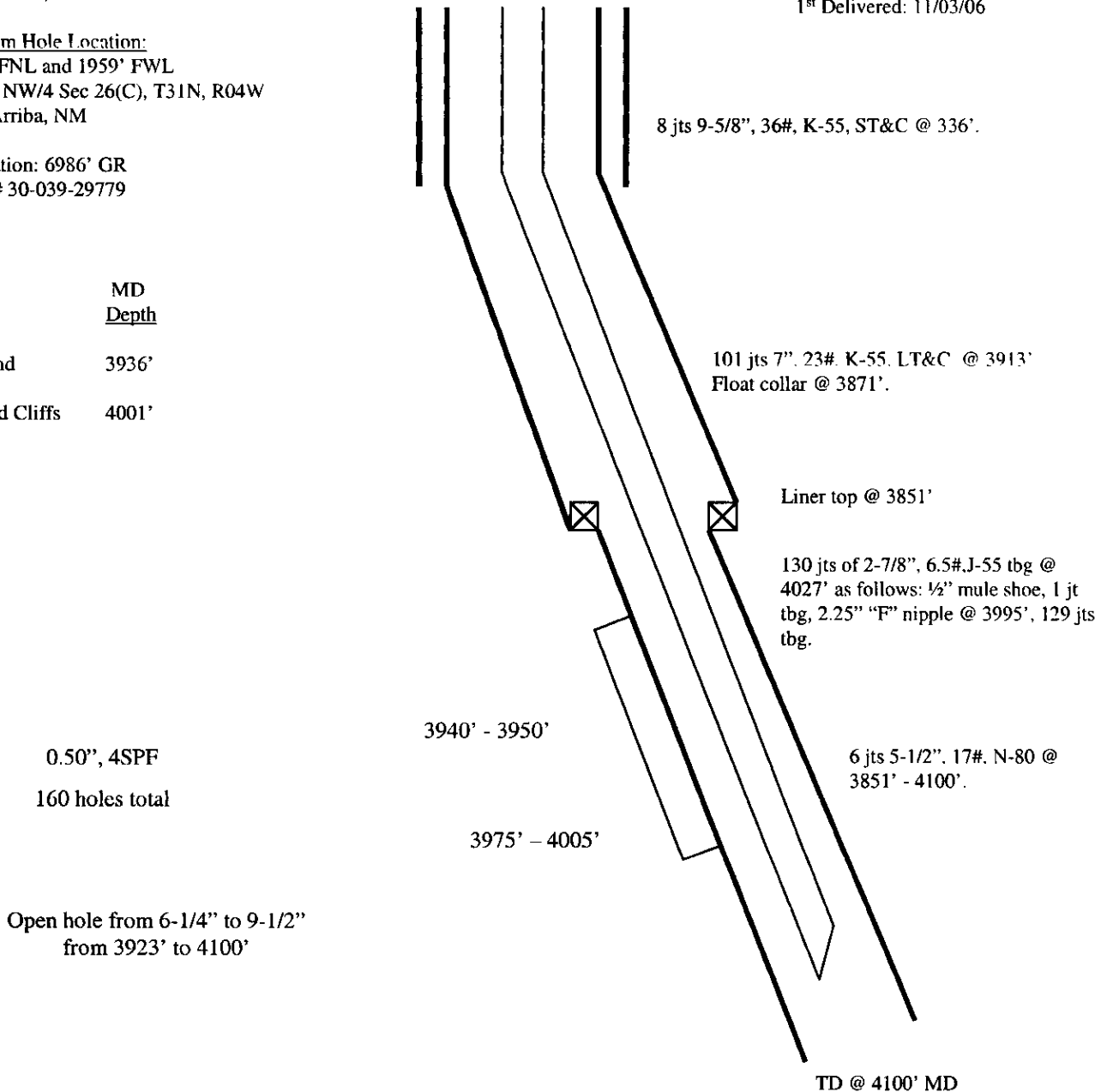
Elevation: 6986' GR  
API # 30-039-29779

Spud: 08/17/06

Completed: 10/31/06

1<sup>st</sup> Delivered: 11/03/06

<u>Top</u>	<u>MD Depth</u>
Fruitland	3936'
Pictured Cliffs	4001'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	190 sxs	268 cu.ft.	Surface
8-3/4"	7", 23#	590 sxs	1204 cu.ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		