

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.  
SF-078768

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
ROSA UNIT

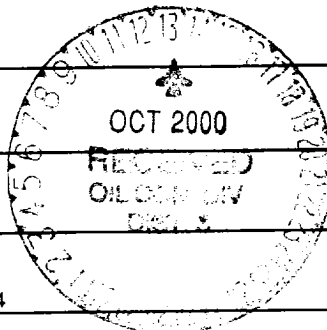
8. Well Name and No.  
ROSA UNIT #345

9. API Well No.  
30-039-26248

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 37-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1850' FSL & 975' FWL, NW/4 SW/4 SEC 23-31N-5W

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

TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment
X Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	X Other <u>COMPLETION OPERATIONS</u>
	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.)\*

7-06-2000 NU cavation stack and blooie lines, strap and PU DC's and DP, pressure test stack, valves and manifold, drill cement and shoe, drill Fruitland Coal (net 41') and 100' into the Pictured Cliffs, TD = 3419'. Circulate, COOH, wait on Halliburton flange for pack off

7-07-2000 Halliburton ran DSN, SDL, and GR logs, ND Halliburton. TD @ 3525', PBTD @ 3424'. TIH w/ Baker open hole packer, set and inflate packer, top of pkr @ 3424'. COOH, TIH w/ Baker underreamer, underream from 3275'-3420', COOH. TIH w/ 6 1/4" bit

7-08-2000 TIH, CO @ TD-3420' w/ 1800 scf air & 10 bph mist, returns-lite 1/16" coal to fines in gray wtr. Dry well, flow test through 3/4" choke - 80 mcf/d, 3 hr SI - 460 psi, surge 17 times w/ air & mist to 1600 psi, returns-lite coal & wtr

7-09-2000 Surge 3 times to 1800 psi, returns-lite coal & wtr, TIH, hit bridges @ 3401', 3358', & 22' fill on bottom, CO @ TD, returns-heavy 1/4" coal & shale (90/10) to fines in black to dark gray water reducing to lite coal in gray water

7-10-2000 CO @ TD, returns-lite coal to fines in gray water, dry well, flow test through 3/4" choke - 109 mcf/d. Surge 7 times w/ air and mist to 1800 psi, returns heavy coal and water on last 5 surges. TIH, tag @ 3325', CO from 3338'-3391', returns-heavy 1/2" coal and shale (85/15) to fines in black water reducing to heavy 1/8" coal and shale (90/10) to fines in dark gray water

Continued on reverse side

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

Signed Tracy Ross  
Tracy Ross

Title Production Analyst

Date SEP 19 2000

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**FARMINGTON FIELD OFFICE**  
BY [Signature]

7-11-2000 CO @ 3391', returns-heavy ¼" coal and shale (90/10) to fines in dark gray water. CO @ TD, returns-heavy ¼" coal and shale (90/10) to fines in dark gray water reducing to lite 1/8" coal and shale (90/10) to fines in gray water. Dry well, flow test through ¾" choke - 116 mcfd, pressure up w/ air and mist to surge

7-12-2000 Surge 11 times w/ air & mist to 1600 –1800 psi, returns-heavy coal, large amount of wtr. TIH, tag @ 3360', CO 3360'-3420', returns- surge 11 times w/ air & mist to 1600 –1800 psi, returns-heavy coal, large amount of water

7-13-2000 CO @ TD, returns-heavy 3/8" coal and shale (70/30) to fines in dark gray water reducing to lite 1/8" coal and shale (90/10) in gray water, dry well to flow test & surge

7-14-2000 Flow test through ¾" choke - 116 mcfd, surge 9 times w/ air and mist to 1800 psi, 3 hr build time on 1<sup>st</sup> three, returns-mist and air, 80 min build time on next 6, returns-heavy coal and water

7-15-2000 Surge 3 times w/ air and mist to 1800 psi, returns-lite coal and water, TIH, tag @ 3370', CO to TD-3420', returns-heavy 1/8" coal and shale (85/15) to fines in dark gray water

7-16-2000 CO @ TD, returns-reducing to lite 1/8" coal and shale (85/15) to fines in gray water. Dry well, bucket test for water production - 105 bwpd, flow test through ¾" choke - 152 mcfd. COOH to DC's, surge 5 times to 1750 psi w/ air and 1 bph mist, (3 hr build time), returns-lite coal on surges 1 & 5, heavy coal and water on surges 2, 3 & 4

7-17-2000 Surge 2 times w/ air and bph mist to 1800 psi, returns-lite coal and water, TIH, tag bridge @ 3384', CO 3360'-3391', returns-heavy 1/4" coal and shale (85/15) to fines in black to dark gray water

7-18-2000 CO 3391'- 3420', returns coal & shale (85/15) to fines in dark gray water, hole tight, LD 3 jts DP, CO @ 3330', returns-1/2" coal and shale (70/30) in fines in dark gray water, CO 3330'-3390', returns-1/4" coal and shale (80/20) to fines in gray water

7-19-2000 CO 3360'-3420' w/ 1800 scf air and 10 bph mist w/ 5 bbl water sweeps hourly, returns-heavy ¼" coal and shale (85/15) in dark gray water, bottom 7' fills in w/ coal each time the pipe is picked up

7-20-2000 CO @ TD, returns-heavy ¼ " coal and coally shale (50/50) to 1/8" coal and shale (85/15) in brown to gray water. Dry well, produced water test - 90 bwpd, flow test through ¾" choke - 268 mcfd. COOH to DC's, surge 1 w/ air and mist to 1550 psi, returns-lite coal and mist

7-21-2000 Surge 6 time w/ air and mist to 1750 psi, 4 hr build w/ 3 bph mist, returns-lite coal and water

7-22-2000 Flow back surge, TIH, tag fill 3388', CO 3390'-3420', returns-heavy coal & shale (85/15) & heavy fines in black water

7-23-2000 CO 3390'-3420', returns-heavy ¼" coal and shale (85/15) and heavy fines in black to dark gray water

7-24-2000 CO @ TD-3420', returns-heavy coal & shale (85/15) to fines in dark gray wtr, flare now burns continuously

7-25-2000 CO @ TD-3420', returns-heavy ¼" coal and shale (90/10) to fines in dark gray water, dry well, flow test through ¾" choke - 450 mcfd, COOH to DC's, surge 2 times w/ air and mist to 1425 psi (3 hr buildup), returns-heavy coal, coal dust and water

7-26-2000 Surge 4 times w/ air and mist to 1525 psi (3 hr build), returns-heavy coal and coal fines, TIH, tag fill @ 3375', CO @ TD-3420', returns-very heavy ¼" coal and shale (85/15) to fines in black water

7-27-2000 CO @ TD-3420', returns-very heavy ¼" coal and shale (85/15) to fines in black to dark gray water

7-28-2000 CO @ TD-3420', returns-heavy reducing to lite 1/8" coal and shale (85/15) to fines in black to gray water. Dry well, flow test through ¾" choke - 479 mcfd, COOH, LD DC's, TIH w/ 5 ½" liner

7-29-2000 Wash liner 30' to TD. Hang and release from liner. Ran 5 jts 5 ½", 17#, N-80, 8rd casing w/ TIW LA guide shoe on bottom @ 3419' and TIW JGS liner hanger @ 3191', hang swivel. COOH, LD DP, RU Blue Jet and perforate w/ 4 SPF (0.75" holes) the intervals 3316'-3328', 3366'-3374' and 3387'-3419'. PU and run 108 jts (3369.61') 2 3/8" 4.7# J-55 EUE 8rd tubing set @ 3384.61' w/ expendable check on bottom and 1.81" ID F nipple @ 3352'. ND BOP, NUWH, pump off expendable check, release rig @ 0600 hrs 7/29/00