

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. Use "APPLICATION TO DRILL" for permit for such proposals

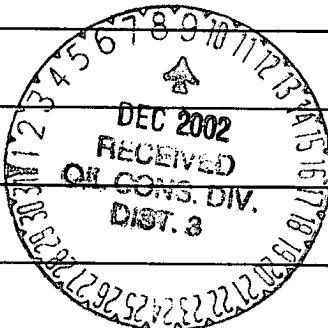
2002 NOV 29 AM 11:51

070 Farmington, NM

5. Lease Designation and Serial No.  
SF-078764

6. 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)  
1865' FSL & 1055' FWL, NW/4 SW/4, SEC 29 T31N R5W

7. If Unit or CA, Agreement Designation  
ROSA UNIT

8. Well Name and No.  
ROSA UNIT #229

9. API Well No.  
30-039-24496

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

10-12-2002 MIRU, blow well down. NDWH, NUBOP stack, HCRs & blooie lines. Tally out w/100 jts 2 7/8" tbg. PU 2 7/8" DP out of basket & onto pipe rack, tally same.

10-13-2002 Blow well down, MU tools. Tally, PU & TIH w/ret tool & 98 jts 2 7/8" AOH. Screw into & rel hanger. TOOH to liner. RU casing crew, LD 5 jts 5 1/2" csg. Tally & PU seven 4 3/4" DC's. TIH & tag 15' of fill @ 3273'. CO to td @ 3288' w/10 bph air/soap mist, run 6 bbl sweep. PU bit to 3100'. SI for 4 hr natural, turn over to night crew, natural surge.

10-14-2002 Natural surge overnight (3 times), 1<sup>st</sup> 4 hr SI = 600 psi, 2<sup>nd</sup> = 625 psi, ret's heavy water & lite coal. SI @ 0230 hrs for build up. Travel to location, hold safety mtg. Natural surge, 4 1/2 hr SI = 675 psi, ret's med water & heavy coal. Tag 50' of fill @ 3238'. CO f/3238'-3288'(td) w/12 bph a/s mist. CO on bottom. Blow well w/air only, hang swivel back. TOOH w/bit. Attempt break over, pressure to 1550 psi & still climbing. Surge well. Flow natural, turn over to night crew, natural surge.

10-15-2002 Natural surge overnight (3 times), 1<sup>st</sup> 4 hr SI = 550 psi, 2<sup>nd</sup> = 600 psi, 3<sup>rd</sup> = 700 psi, ret's hvy wtr & hvy coal. SI @ 0415 hrs for build up. Travel to loc, hold safety mtg. Natural surge, 4 hr SI = 700 psi, ret's hvy wtr & hvy coal. Flow natural. Natural surge, 4 hr SI = 550 psi, ret's hvy wtr & hvy coal. Flow natural, turn over to night crew, natural surge.

Continued on back

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

Signed Tracy Ross  
TRACY ROSS

Title Production Analyst

Date November 18, 2002

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Conditions of approval, if any:

DEC 05 2002  
FBI Date: \_\_\_\_\_  
BY: \_\_\_\_\_

10-16-2002 Natural surge overnight (4 times), 1<sup>st</sup> 4 hr SI = 600 psi, 2<sup>nd</sup> = 400 psi, 3<sup>rd</sup> = 500 psi, 4 = 500 psi, ret's hvy wtr & hvy coal. SI @ 0330 hrs for build up. Travel to loc, hold safety mtg in Aztec. Natural surge, 4 hr SI = 550 psi, ret's hvy wtr & hvy coal. Flow natural. Natural surge, 4 hr SI = 600 psi, ret's hvy wtr & hvy coal. Flow natural, turn over to night crew, natural surge.

10-17-2002 Natural surge overnight (4 times), 1<sup>st</sup> 4 hr SI = 500 psi, 2<sup>nd</sup> = 500 psi, 3<sup>rd</sup> = 500 psi, ret's heavy water & heavy coal. SI @ 0230 hrs for build up. Travel to loc, hold safety meeting. Natural surge, flow natural well bridged off, work bridge out with air and mist. Set swivel back and TIH tag bridge @ 2216'. PU swivel and clean out to 2277'. Set back swivel and TIH tag @ 3119'. PU swivel and clean out from 3119' to 3150', run hole and tag 10' of fill. CO fill w/ air and 10 bph water mist. Blowhole dry. Pull up into casing. SI for natural surge, turn over to night crew, natural surge.

10-18-2002 Natural surge overnight (3 times), 1<sup>st</sup> 4 hr SI = 500 psi, 2<sup>nd</sup> = 500 psi, 3<sup>rd</sup> = 700 psi, ret's light wtr & light coal. SI @ 0100 hrs for build up. Travel to loc, hold safety meeting. Flow natural. Unload hole at shoe, run in hole tag bridge @ 3207' tag 10' of fill. C/O w/ air and 10 bph water mist to 3287' TD. Blow hole dry. Pull up in casing, set swivel back. TOOH lock bit in top BOP's. PU swivel, SI for natural surge, turn over to night crew, natural surge.

10-19-2002 Natural surge overnight (3 times), 1<sup>st</sup> 4 hr SI = 500 psi, 2<sup>nd</sup> = 500 psi, 3<sup>rd</sup> = 550 psi, ret's light water & light coal. SI @ 03:16 hrs for build up. Travel to loc, hold safety meeting. Natural surge, 4hr SI = 650 psi, returns light coal & light water. Attempt to break over w/ air only, pressure up to 1460 psi, on break over. Returns heavy coal & heavy water. Natural flow. SI for natural surge, 4 hr = 500 psi, returns heavy coal & heavy water. Natural flow. SI for natural surge, turn over to night crew, natural surge.

10-20-2002 Natural surge overnight (3 times), 1<sup>st</sup> 4 hr SI = 500 psi, 2<sup>nd</sup> = 600 psi, 3<sup>rd</sup> = 550 psi, ret's heavy water & heavy coal. SI @ 03:30 hrs for build up. Travel to loc, hold safety meeting. Natural surge, 4hr SI = 600 psi, returns heavy coal & heavy water. Well bridge off, work bridge out with air and water. Natural flow. SI for natural surge, turn over to night crew, natural surge.

10-21-2002 Natural surge overnight (4 times), 1<sup>st</sup> 4 hr SI = 500 psi, 2<sup>nd</sup> = 600 psi, 3<sup>rd</sup> = 550 psi, 4 = 250 psi, ret's heavy water & heavy coal. SI @ 03:30 hrs for build up. Travel to loc, hold safety meeting. Rack swivel back, TIH, PU swivel and tag 62' of fill. CO from 3225' to 3287' (TD) w/air and 6 bph water mist. Blow hole dry. Pull up into casing and rack swivel back. TOOH, PU swivel and lock bit into top BOP's. Break well over at 1000 psi w/ air. Flow well returns heavy coal dust, turn over to night crew, natural surge.

10-22-2002 Natural surge overnight (3 times), 1<sup>st</sup> 4 hr SI = 500 psi, 2<sup>nd</sup> = 500 psi, 3<sup>rd</sup> = 500 psi. Travel to loc, hold safety meeting. Surge well w/ air and mist returns heavy coal and water. Natural flow casing bridge off. Work bridge out of casing. Turn over to night crew, natural surge.

10-23-2002 Natural surge overnight (3 times), 1<sup>st</sup> 4 hr SI = 500 psi, 2<sup>nd</sup> = 525 psi, 3<sup>rd</sup> = 550 psi, ret's med water & med coal. Travel to loc, hold safety meeting. Natural surge 4 hr SI = 600 psi, returns hvy coal and med water. Natural flow. Natural surge 3.5 hr SI = 550 psi, returns hvy coal and med water, coal 1/4" to 1" in sizes. Natural flow, surge w/ air/wtr mist, 1500 psi, returns med coal and med water. Natural flow. Turn over to night crew, natural surge.

10-24-2002 Natural surge overnight (3 times), 1<sup>st</sup> 4 hr SI = 700 psi, 2<sup>nd</sup> = 600 psi, 3<sup>rd</sup> = 550 psi, ret's med water & med coal. Travel to loc, hold safety meeting. Rack swivel back, TIH pick up swivel and tag bridge at 3178'. C/O from 3178' to 3287'td with air and 6 bph water mist, dry up hole with air only. Pull up into casing. Rack swivel back and TOOH. Surge well with air and 6 bph water mist = 750 psi, returns heavy water and heavy coal bridge off in casing. Work bridge out of casing, turn over to night crew, natural surge.

10-25-2002 Working bridge out of casing. Travel to loc, hold safety meeting. Work bridge out of casing with air and water mist, returns water and a little coal. Turn on to night crew to work on bridge in casing.

10-26-2002 Working bridge out of csg. Travel to loc, hold safety meeting. Rack back swivel, RIH w/ DC's, change top BOP rams to 2 7/8". RIH, tag bridge at 925'. PU swivel and CO from 925' to 1015' with air & 7 bph mist (90' bridge). Rack back swivel, TIH, tagged 3' of fill. LD DP & DC's. C/O to 2-7/8" tbg equip, RIH w/ 2 3/8" ck, 2 3/8" x 2 7/8" XO and 98 jts of 2 7/8" tbg. Land tbg on tbg hanger. Shut top pipe rams. Close well in, RD rig floor.

11-01-2002 Load out equip f/Rosa 168A, RU rig & spot equip. SICP = 1000 psi, blow well down. TOOH w/98 jts 2 7/8" tbg. C/O rams, PU 6 1/4" bit, 1 4 3/4" DC, RU power swivel & lock bit into top rams. SI for nat surge, turn over to night crew, natural surge.

11-02-2002 Natural surge over night (4 times), all 4 hr SI's = 750 psi, ret's hvy wtr & hvy 1/4" to 2" size coal. Travel to loc, hold safety mtg. Flow natural. Natural surge, 4 hr SI = 700 psi, ret's hvy black wtr & extra hvy coal, bridge off @ HCRs. Work bridge out w/20 bph air/soap mist, mini surge 3 times @ 500 psi. Flow natural. turn over to night crew, natural surge.

11-03-2002 Natural surge over night (3 times), 1<sup>st</sup> 4 hr SI = 575 psi, ret's hvy wtr & hvy coal, bridge off, break bridge w/10 bph a/s mist. 2<sup>nd</sup> 5 hr SI = 650 psi, ret's hvy coal & hvy wtr, 3<sup>rd</sup> 5 hr SI = 550 psi, bridge off. Travel to loc, hold safety mtg. Work bridge out w/10 bph a/s mist & mini surges @ 400 psi. Tally in w/bit, DCs & DP, tag/CO bridges @ 1500', 2350' & 2600'. Tag/CO bridges in open hole F/3210'- 3288' (td). Blow dry w/air only, hang swivel back. TOOH w/bit, lock bit in top rams. Break over w/air only @ 950 psi, ret's hvy fine dry coal. Flow natural, turn over to night crew, natural surge.

11-04-2002 Natural surge over night (3 times), all three 4 hr SI = 600 psi, ret's lt-med coal & med wtr. Travel to loc, hold safety mtg. Surge f/surface 3 times (energized) to 500 psi, ret's hvy coal & hvy wtr on 3<sup>rd</sup> surge. Flow natural. Natural surge, 4 hr SI = 650 psi, ret's hvy coal & hvy black wtr. Turn over to night crew, natural surge.

11-05-2002 Natural surge over night (3 times), all three 4 hr SI = 650 psi, ret's extra heavy coal & heavy water. Bridge off on 3<sup>rd</sup> surge. Mini surge 2 times w/15 bph air/soap mist, pressure to 500 psi, ret's heavy coal & heavy water, well flowing on own. Natural surge, 4 hr SI = 700 psi, ret's heavy coal & heavy black water. Turn over to night crew, natural surge.

11-06-2002 Natural surge over night (3 times), all three 4 hr SI = 700 psi, ret's heavy coal & med-heavy water. Natural surge, 4 hr SI = 650 psi, ret's heavy coal & med water. Flow natural. Natural surge, 4 hr SI = 750 psi, ret's lite coal & lite water. Turn over to night crew, natural surge.

11-07-2002 Natural surge over night (3 times) @ 720 psi, 700 psi & 800 psi, ret's lt coal & lite water. Travel to loc, hold safety mtg. TIH & tag bridge @ 3191', RU power swivel. CO from 3191' - 3232' (3 hrs) w/14 bph air/soap mist, ret's heavy coal. CO from 3232' - 3288' (TD) (9 hrs), coal running, ret's extra heavy coffee ground to ¼" size coal. CO on bottom w/7 bph a/s mist, ret's med-heavy fine coal & heavy water, sweep well every hr.

11-08-2002 CO on bttm (6 hrs) w/7 bph a/s mist, ret's med-lt fine coal & hvy-med wtr, run 7 bbl sweep every hr, blow well w/air only, hang swivel back. TOOH w/DC's, LD same. RU csg crew. MU hanger, PU & MU 5 jts 5 ½" 17# N-80 csg. TIH w/5 ½" liner, tag ledge @ 3191' RU power swivel, wash/circ liner down to 3287'. Set 5 ½" X 7" TIW JGS hanger @ 3056' w/63' of overlap. Run 3 - 6 bbl sweeps, drain up.

11-09-2002 SICP = 820 psi, blow well down nice & easy. POOH, LD DP & setting tool. RU wireline. Perf 5 ½" liner 4 spf w/3 1/8" guns, 0.56" dia, 4.50" pent & 11 gram charges from 3108'-3152' & 3196'- 3287', make 5 runs, all shots fired, 512 total. C/O to run 2 7/8" tbg. Stage in w/standing valve, find hole in jt #61. SI & SWFN.

11-10-2002 SICP = 800 psi, blow well down. Land tbg w/99 jts. ND blooie lines, HCRs & BOPs, NUWH. RD rig & equip, SI & SWFN, ready to move to the Rosa #32C.

11-11-2002 Move Aztec # 520 off location. MIRU Key #387. Spot in & RU rig. SDFN.

11-12-2002 SICP = 500 psi, blow well down easy. NDWH, NUBOPs, spot in LD float. POOH, LD w/99 jts 2-7/8" tbg. Tally in w/104 jts 2-7/8" prod tbg, tag PBTD @ 3286'. Unload well w/air only. Land tbg @ 3277' kb as follows: exp check, 1 jt 2-7/8" tbg, 2.28" SN, 102 jts 2-7/8" tbg, 2 - 6' pump jts, 1 jt 2-7/8", total of 104 jts. NDBOP's, NUWH. Pump 10 bbls prod water ahead, drop ball, pump off check @ 500 psi, drain up.

11-13-2002 SICP = 500 psi, SITP = 0 psi. RU to swab, make 4 runs, starting & ending fluid level @ 900', check is pumped off. Release rig, turn well to production department.

RECEIVED

ROSA UNIT #229  
BASIN FRUITLAND COAL

2002 NOV 29 AM 11: 52

070 Farmington, NM  
Spud 10/05/90

Location:

1865' FSL and 1055' FWL  
NW/4 SW/4 Sec 29(L), T31N R5W  
Rio Arriba, New Mexico

Elevation: 6445' GR  
API # 30-039-24496

1st Delivery 05/12/93

Cavitated 11/27/99

Re-Cavitated 11/13/02

Top	Depth
Ojo Alamo	2520'
Kirtland	2675'
Fruitland	3080'

5 jts 9-5/8", 36#, K-55, ST&C csg @ 234'

Tbg landed at 3277' as follows: exp check on bottom,  
1 jt 2-7/8" tbg, 2.28" SN at 3244', 102 jts 2-7/8" tbg, 2  
- 6' pups jts, 1 jt 2-7/8" tbg. Total of 104 jts 2-7/8",  
6.5#, J-55 tbg. New 11/13/02

TIW 7" x 5 1/2" JGS liner. Top @ 3056'

73 jts 7", 20#, K-55, ST&C csg @ 3119'

4 holes per ft  
0.56" dia, 512  
total holes

5 jts 5-1/2", 17#, N-80 @ 3056' - 3288'  
New 11/13/02

Open hole from 6 1/4"  
to 9 1/2" 11/13/99

PBTD 3286'  
TD 3288'

Hole Size	Casing	Cement	Top of CMT
12-1/4"	9-5/8", 36#	160 sx	Surface
8-3/4"	7", 20#	660 sx	Surface
9 1/2"	5-1/2", 17#	Did not cmt	N/A

TR 11/18/02