

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  
BLM  
99 AUG 17 AM 11:28  
070 FARMINGTON, NM

5.	Lease Designation and Serial No. SF-078771
6.	If Indian, Allottee or Tribe Name
7.	If Unit or CA, Agreement Designation ROSA UNIT
8.	Well Name and No. ROSA UNIT #217
9.	API Well No. 30-039-24429
10.	Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
11.	County or Parish, State RIO ARRIBA, NM

SUBMIT IN TRIPLICATE

RECEIVED  
AUG 24 1999  
OIL CON. DIV.  
DIST. 3

1.	Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> 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) 1495' FNL & 790' FEL, SE/4 NE/4, SEC 11 T31N R6W

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Sidetrack and Cavitate Complete</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)\*

7-13-1999 MIRU. Blow well down, NDWH, NUBOPs & blooie lines. Pressure test BOP stack. Unseat donut & tally out w/2 3/8" prod string. WL set 7" CIBP @ 2495'. PU 4 3/4" DC's & stand back. Attempt to run whipstock w/orientation tool, Gyro/data didn't have all tools required for job. Tally in w/68 jts 3 1/2" DP. TOO H & stand back.

7-14-1999 W/O orientation tool. MU 5 1/2" whipstock w/6 1/4" starting mill & orientation sub. TIH to 2475'. Orientate whipstock to southwest direction 225 degrees from north. Tag CIBP @ 2497', survey & set whipstock. Mill top of window @ 2480' w/16 bph air/soap mist. TOO H w/starter mill. TIH w/6 1/4" window mill & string mill. Mill & dress up window f/2480'- 2489', drill 6' of open hole to 2495'. TOO H w/ mills, LD & load out. TIH w/6 1/4" bit, stabilizer & 10 4 3/4" dc's, work thru window

7-15-1999 Drilling from 2495'- 3094' (TD) w/10 bph air/soap mist, run surveys (see details). Circ clean. TOO H w/DC's, lay down same. C/O rams & RU to run 5 1/2" liner

7-16-1999 TIH w/16 jts 5 1/2" liner to 3095' TD. Circ hole clean w/6 bph air/soap mist. Cmt 5 1/2" liner w/50 sx Class B cmt w/2% CaCl2, plug down @ 1000 hrs. Set hanger @ 2413', rev out 4 bbls cmt to pit. TOO H laying down w/3 1/2" DP & setting tool. WOC. Tally in w/4 3/4" bit, BS & float, 10 3 1/2" DC's & 87 jts 2 7/8" AOH DP, tag TOC @ 3040'. Load & pres test csg to 1000 psi & held. Drill out cmt & shoe f/3040'- 3094' w/prod wtr. Unload csg w/air. Drlg open hole f/3095'- 3215' w/10 bph air/soap mist

Continued on Back

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

Signed

TRACY ROSS

Title Production Analyst

Date

August 13, 1999

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

FOR RECORD

AUG 19 1999

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.

NMOCB

BY SW FIELD OFFICE

**7-17-1999** Drig f/3215'- 3274' (td) surveys @ 3198' = 13°, 3261' = 12.5°. New TD @ 3279' KB. TOO H w/bit. TIH w/8" underreamer. Underream f/3096'- 3274' w/10 bph air/soap mist. TOO H w/underreamer. TIH w/4 ¾" bit, tag 6' of fill & CO. Blow well w/air/soap mist. PU bit to 3070'. SI well for 4 hr natural build up = 810 psi

**7-18-1999** Surge well natural f/3070' 4 hr nat build up = 810 psi, ret's lt mist. Surge well (16 times) w/3 bph air/soap mist. Pres @ 1050 psi, ret's lt mist w/trace of coal, flow nat after each surge

**7-19-1999** Surge well f/3070 (2 times) w/3 bph air/soap mist, pres @ 1100 psi, rets lt mist. TIH & tag 21' of fill @ 3253', CO to TD w/ 6 bph air/soap mist, run 5 bbl sweeps, med ret's = 70% coal fines & 30% shale. Blow well dry & PU bit to 3070'. Surge natural (3 times) 2 hr nat build up = 480 psi, flow nat 1 hr after each surge. Gauge well on 1" line, all gauges dry & avg 217 mcf/d. Surge well (6 times) w/5 bbls ahead & ½ gal soap, pres @ 1200 psi, lt ret's mist w/trace coal

**7-20-1999** Surge natural, 2 hr build up = 460 psi, ret's lite mist. Surge well f/3070' w/5 bph air/soap mist, pres @ 1200 psi, ret's lite coal fines & air/soap mist. TIH & tag/CO bridges @ 3124', 3172', 3215' & 3260' w/6 bph air/soap mist, tag 5' of fill @ 3269' & CO to TD. Blow well from TD w/6 bph air/soap mist, lite-med ret's = 70% bright coal fines & 30% shale. Blow well dry & PU bit to 3070'. Surge natural, 4 hr build up = 730 psi, ret's lite mist & trace coal. Surge (5 times) w/5 bbls ahead & ½ gal soap, pres @ 1450 psi, ret's lite coal fines & gas/air soap mist

**7-21-1999** Surge well from 3070' w/5 bbls prod wtr & ½ gal soap ahead, pres @ 1450 psi, ret's lite coal fines & gas/air mist. TIH & tag bridge @ 3250', CO bridge & 5' of fill to TD. Blow well dry & PU bit to 3070'. Surge natural (5 times) 1<sup>st</sup> 2 hr nat build up = 340 psi, 2<sup>nd</sup> = 340 psi, 3<sup>rd</sup> = 350 psi, 4<sup>th</sup> & 5<sup>th</sup> = 390 psi, ret's lite coal fines & gas mist. Surge well from 3070' (2 times) w/3 bbls prod wtr & ½ gal soap ahead, pres @ 1600 psi, ret's lite coal fines & gas/air mist

**7-22-1999** Surge well from 3070' (2 times) w/5 bbls prod wtr & ½ gal soap ahead, pres @ 1600 psi ret's lt. Attempt to break over w/3 bph air/soap mist, pres up to 1700 psi w/air, take pres to 1950 psi w/rig pump, surge & bridge off. Tag bridge @ 3092', CO & work thru ratty open hole from 3092'- 3198' w/8 bph air/soap mist, ret's hvy shale = 1/8" to 1" in size

**7-23-1999** CO from 3198' to TD with 8 bph air/soap mist, hvy ret's = 90% shale & 10% coal. Blow well dry & PU bit to 3070'. Surge natural (2 times) 1<sup>st</sup> 4 hr build up = 650 psi, ret's gas mist, 2<sup>nd</sup> 4 hr build up = 620 psi, ret's lite coal & prod wtr. Tag 3' of fill & CO. Blow well dry, PU bit to 3166'. Surge well from 3166' (5 times) w/3 bbls prod wtr & ½ gal soap ahead, pres @ 1200 psi, med-hvy ret's = 60% shale & 40% coal

**7-24-1999** Surge well f/3166'(5 times) w/5 bbls prod wtr & 1 gal soap, pres @ 1200 psi, med-hvy ret's = 80% coal & 20% shale. Tag 10' of fill & CO w/8 bph air/soap mist. Blow well f/TD w/8 bph air/soap mist, lt-med ret's = 90% coffee ground size coal & 10% shale. Blow well dry, PU bit to 3166'. Surge natural, 2 hr SI = 375 psi, ret's lt mist, flow natural. Gauge well on 1" line, all gauges wet & avg 298 mcf/d. Surge well f/3166'(2 times) w/5 bbls ahead & 1 gal soap, pres @ 1200 psi, med-hvy ret's = 90% coal & 10% shale, flow natural

**7-25-1999** Surge well f/3166'(7 times) w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1200 psi, med-hvy ret's = 90% coal & 10% shale, flow natural 1 hr after each surge. Surge natural (2 times) 1<sup>st</sup> 2 hr build up = 380 psi, 2<sup>nd</sup> = 340 psi, ret's lt mist

**7-26-1999** Tag 12' of fill & CO. Blow well f/TD w/8 bph air/soap mist, med ret's = 90% coal fines & 10% shale. Blow well dry, PU bit to 3166'. Surge nat, 1 hr SI = 180 psi, flow nat 1 hr. Gauge well on 2" line, all gauges lt mist & avg 309 mcf/d. Surge natural (3 times) 1<sup>st</sup> 2 hr si = 360 psi, 2<sup>nd</sup> = 340 psi, 3<sup>rd</sup> SI 4 hrs = 590 psi, rets lt mist. Tag 1' of fill, unload well w/air only. Blow dry & PU bit to 3166'. Break over @ 1480 psi w/air only, rets lt coal fines & gas/air mist

**7-27-1999** Surge well from 3166'(2 times) w/5 bbls prod wtr & 1 gal soap ahead, pres @ 1200 psi, hvy ret's = 70% shale & 20% coal, bridge off on 2<sup>nd</sup> surge. CO from 3166'- 3274' with 8 bph air/soap mist. Blow well dry & PU bit to 3166'. Surge (5 times) w/5 bph air/soap mist, pres @ 1450 psi, hvy ret's = 70% shale & 30% coal, bridge off. CO from 3166'- 3230' w/8 bph air/soap mist, returns hvy shale

**7-28-1999** CO from 3230'- 3274' w/8 bph air/soap mist, ret's hvy shale & lite coal. Blow well from TD w/8 bph air/soap mist, ret's = 60% coal & 40% shale. Blow well dry & PU bit to 3166'. Surge well w/5 bph air/soap mist, pres @ 1450 psi, hvy ret's = 90% shale & 10% coal, bridge off. CO to TD w/8 bph air/soap mist. Blow well dry & PU bit to 3166'. Surge natural (3 times) 1<sup>st</sup> 4 hr build up = 480 psi, 2<sup>nd</sup> = 540 psi, 3<sup>rd</sup> = 570 psi, ret's hvy mist & lite coal, flow natural 1 hr after each surge

**7-29-1999** Surge natural (2 times) both 4 hr shut in's = 610 psi, ret's = med mist & lite coal fines. Tag 7' of fill @ 3267' CO to TD with 6 bph air/soap mist. Blow well from 3274' with 6 bph air/soap mist, lt ret's = 80% coffee ground size coal & 20% shale. Blow well dry & PU bit to 3166'. Surge natural (2 times) 1<sup>st</sup> 4 hr build up = 600 psi, 2<sup>nd</sup> = 620 psi, ret's = med mist & lite coal fines

**7-30-1999** Natural surge, 4 hr build up = 620 psi, ret's = med mist & lite coal fines. Tag 3' of fill & CO. Blow well dry & PU bit to 3166'. Break over @ 1440 psi, ret's med mist & lite coal. Flow natural 1 hr. Gauge well on 2" line, all gauges dry & avg 440 mcf/d. Surge from 3166' w/5 bbls prod wtr & ½ gal soap ahead, pres @ 1350 psi, hvy ret's = 70% shale & 30% coal, bridge off & got tight. Work bit free & PU to 3104'. CO & work on ratty open hole from 3104'- 3166'

**7-31-1999** Work on ratty open hole from 3151'- 3166' w/8 bph air/soap mist, ret's hvy shale. TOO H with bit. TIH with new 4 ¾" bit, tag bridge @ 3140'. CO & work bit thru ratty open hole from 3140'- 3166' ret's hvy shale

**8-01-1999** CO & work bit thru bad hole from 3166'- 3185' w/6 bph air/soap mist, ret's hvy shale, bridge off. PU bit to 3135', break circ w/6 bph air/soap mist. CO from 3135'- 3175' lose circ & bridge off. PU bit to 3135', break circ w/10 bph air/soap mist. CO & work thru bad hole from 3135'- 3166' w/10 bph air/soap mist, ret's hvy shale

**8-02-1999** CO from 3166'- 3261' w/10 bph air/soap mist. Fell thru bad spot in open hole @ 3188' ret's hvy shale. Blow well from 3261 w/7 bph air/soap mist, ret's hvy shale, bridge off & stick pipe. Work stuck pipe free & PU bit to 3135'. CO & work bit back to 3261' w/8 bph air/soap mist. Blow well from 3261' w/air only. PU bit to 3100'. Surge natural (2 times) 1<sup>st</sup> 4 hr build up = 510 psi, 2<sup>nd</sup> = 650 psi, ret's hvy mist, flow natural 1hr each surge

**8-03-1999** Natural surge, 4 hr build up = 610 psi, ret's hvy mist, hvy shale & coal. Flow natural, ret's hvy wtr, well loading up & unloading on own. Natural surge 4 hr build up = 430 psi, ret's med mist (bridge off). Tag bridge @ 3155'. CO to 3166' w/8 bph air/soap mist, ret's hvy shale, bridge off 3 times. PU bit & start over

**8-04-1999** CO & work thru bridges f/3135'- 3166' w/8 bph air/soap mist, ret's hvy shale. Blow well dry. TOOH w/bit. TIH w/Baker 8" underreamer to 3104'. Break circ w/15 bph air/soap mist, pres @ 1200 psi, open arms. Underream f/3104'- 3207' w/15 bph air/soap mist, run 5 bbl sweeps, ret's hvy shale. Circ hole clean, underream f/3140'- 3166' ret's hvy shale

**8-05-1999** Under ream from 3166'- 3274'(TD) w/15 bph air/soap mist. Blow well from TD w/15 bph air/soap mist, ret's hvy shale & lt coal. Blow dry w/air only. TOOH w/bit & dc's lay down same. Gauge well on 2" open line, all gauges dry & avg 582 mcfd. MU hanger & TIH w/4" pre-perf liner to TD & hang off @ 2986'. TOOH laying down w/2 7/8" DP. C/O to run tbg. Start in w/mill

**8-06-1999** Continue in w/mill. RU power swivel. Mill out plugs from 3086'- 3133' & 3179'- 3272'. Hang swivel back & TOOH w/mill. TIH w/2 3/8" prod tbg, land @ 3251' KB. NDBOPs & blooie lines, NUWH. Gauge well on 2" line, all gauges dry & avg 582 mcfd. Release rig