In Lieu of Form 3160 (June 1990	-		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"			-	ease Designation and Serial No. SF-078769
TO DRILL" for permit for such proposals			6. I	if Indian, Allottee or Tribe Name
	SUBMIT IN T	C70 FAMILLAGION, NM		If Unit or CA, Agreement Designation ROSA UNIT
1.	Type of Well ☐ Oil Well ■ Gas Well ☐ Other		,	Well Name and No. ROSA UNIT #266
2.	Name of Operator WILLIAMS PRODUCTION COMPANY	NO. 22 100	1.50	API Well No. 30-039-24963
3.	Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254		Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
4.	Location of Well (Footage, Sec., T., R., M., or Survey Description) 980' FNL & 1705' FEL, NW/4 NE/4, SEC 28 T31N R5W			County or Parish, State RIO ARRIBA, NM
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA				
			OF ACTION	
	□ Notice of Intent	☐ Abandonment☐ Recompletion	[☐ Change of Plans ☐ New Construction
	■ Subsequent Report	□ Plugging Back □ Casing Repair		□ Non-Routine Fracturing □ Water Shut-Off
	☐ Final Abandonment	☐ Altering Casing ☐ Other <u>Cavitation Complete</u>	(☐ 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.)*			
10-03-1999 MIRU, NDWH, NU BOP, HCR valves, choke manifold and blooie lines				
10-04-1999 Pressure test, strap tubing out of hole, PU liner hanger retrieving tool, TIH, screw into liner hanger, COOH w/ 5 ½" liner, LD same, TIH w/ underreamer, underream 3420'-3520'				
10-05-1999 Underream to 3680'-TD, COOH, LD underreamer, TIH w/ 6 ¼" bit, CO to TD, returns-med to lite 1/8" coal to fines in gray wtr, dry well, flow test—116 mcfd, surge w/ air and mist				
10-06-1999 Surge 5 times w/ air and mist to 1550 psi (2.5 hr build), returns-lite coal, wtr and gas, TIH, tag 3569', CO 3569'-3680', returns-hvy 1/4" coal and shale(90/10) to fines in dark gray wtr reducing to med 1/16" coal since 0400 hrs				

10-07-1999 CO @ 3680'-TD, returns-med to lite 1/16" coal and shale to fines in gray wtr. Dry well, flow test—272 mcfd. Surge 5 times @ 7" shoe to 1900 psi, returns-hvy coal on last two surges. Plugged bit on last surge, COOH. Unplug bit, TIH, tag bridge @ 3366'. CO bridges 3366'-3560', returns-hvy coal in black wtr

Continued on Back

10-08-1999 CO 3560'-3648', returns-hvy 1/4" coal in black viscous wtr, CO 3648'-3678', returns-hvy 1/4" coal in black hvy viscous wtr

10-09-1999 CO @ 3682'-TD, returns-hvy 1/8" coal & shale (90/10) to fines in dark gray wtr reducing to lite fines in gray wtr, dry well, flow test

10-10-1999 Surge 5 times w/ air and mist to 1300 psi, returns-lite to med coal, gas and wtr, TIH, tag bridge @ 3576', CO 3584'-3646', returns-hvy 1/8" coal to fines in dark gray wtr

10-11-1999 CO 3615'-3678', returns-hvy 1/8" coal and shale (90/10) to fines in dark gray wtr reducing to lite 1/16" coal in gray wtr, dry well, flow test—624 mcfd, pressure up w/ air and mist to surge

10-12-1999 Surge 8 times w/ air and mist to 1550 psi, returns-hvy coal, gas and wtr, TIH, tag @ 3588', CO 3588'-3646', returns-hvy 1/8" coal and shale in black to dark gray wtr

10-13-1999 CO 3615'-3678', returns-hvy 1/8" coal and shale (90/10) to fines in dark gray wtr

10-14-1999 CO @ 3680'-TD, returns-hvy to med 3/8" to sometimes 1/2" coal to fines in black to dark gray wtr

10-15-1999 CO @ TD, dry well, flow test—928 mcfd w/ hvy mist. COOH to DC's, surge 3 times w/ air and mist to 1375 psi, returns-hvy coal, gas and wtr. Well bridged @ bit. TIH, tag @ 2900'. CO bridges in casing, now @ 3240'

10-16-1999 TIH, tag @ 3554', CO 3554'-3678', returns-hvy ¼" coal and shale (90/10) to fines in black wtr, returns reducing to med to lite ¼" coal in dark gray wtr

10-17-1999 CO @ 3680'-TD, returns-increased to hvy ¼" coal and shale (90/10) in black wtr reducing to lite 1/8" coal in dark gray wtr, dry well, flow test—1305 mcfd, COOH to surge

10-18-1999 COOH to surge, surge 8 times w/ air and mist to 1000 psi, returns-hvy coal, gas and wtr

10-19-1999 TIH, tag @ 3580', CO 3580'-3678', returns-hvy to med 1/8" coal and shale (90/10) to fines in dark gray wtr

10-20-1999 CO @ 3580', returns-med to lite 1/16" coal and shale (90/10) to fines in dark gray wtr, dry well, flow test—1073 mcfd, COOH to DC's, surge 5 times w/ air and mist to 1025 psi, (2.5 hr build), returns-hvy coal, gas and wtr

10-21-1999 Surge 3 times w/ air and mist to 1000 psi, returns-hvy coal, gas and wtr, TIH tag @ 3580', CO 3580'-3580', returns-hvy 1/8" coal and shale (90/10) to fines in black wtr

10-22-1999 CO @ 3680' w/ 1800 scf air and 10 bph mist reducing to 900 scf air and 5 bph mist, returns-hvy reducing to lite 1/8" coal and shale (90/10) to fines in black to dark gray wtr. Dry well, flow test—1276 mcfd. Strap COOH, LD DC's. RU to run liner

10-23-1999 PU and run 5 jts 5 ½" liner. TIH w/ liner, wash 15' to bottom, hang and release liner. Ran 5 jts (224.80') 17#, N-80, 8rd, USS casing w/ LA set shoe on bottom @ 3679' and TIW JGS liner hanger @ 3454', LD DP. TIH w/ tubing, mill perforation plugs, land tubing, reran 116 jts 2 3/8" (3633.24') 4.7#, J-55, EUE 8rd set @ 3645.24', 1.81" ID F-nipple @ 3512. ND BOP, NUWH, pump off expendable mill, rig down, rig released 0600 hrs, 10/23/99