In Lieu of Form 316 (June 199	0 DEPARTME	ED STATES NT OF INTERIOR AND 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 driff or to deepen or reentry to a different reservoir. Use "APPLICATION"			5.	Lease Designation and Serial No. SF-078763	
	TO DRILL" for permit for such proposals		6.	If Indian, Allottee or Tribe Name	
	SUBMIT IN T	RIPLICATE	7.	If Unit or CA, Agreement Designation ROSA UNIT	
1.	Type of Well Oil Well X Gas Well Other		8.	Well Name and No. ROSA UNIT #336	
2.	Name of Operator WILLIAMS PRODUCTION COMPANY		9.	API Well No. 30-039-24951	
3.	Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254		10.	Field and Pool, or Exploratory Area BASIN FRUITLAND COAL	
4.	Location of Well (Footage, Sec., T., R., M., or Survey Description) 915' FNL and 2025' FEL NW/4 NE/4 SEC 08-31N-05W		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			N	
	Notice of Intent	Abandonment Recompletion		Change of Plans New Construction	
	X Subsequent Report Final Abandonment	Plugging Back Casing Repair Altering Casing Other <u>Cavitation Complete</u>		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 (Gis directionally drilled, give subsurface location	Clearly state all pertinent details, and give pertinent dates, ins and measured and true vertical depths for all markers a	ncluding es and zones p	timated date of starting any proposed work. If well ertinent to this work.)*	

05-11-2001 Load out equip, road to loc. Ru rig & spot equip. Blow well down. NDWH, NUBOPs (bttm set)

05/12/2001 Finish NU BOP stack, HCRs & blooie lines. TOOH, LD 2-3/8" prod tbg. CO to run 3 ½" dc's. Caliper & tally in w/6 ¼" pilot mill, bs/flt & 10 3 ½" DC's. CO to run 2-7/8" DP. Tally in w/30 jts 2 7/8" AOH DP to 1260'

05-13-2001 Cont in w/mill, tag TOL @ 2897'. RU power swivel, break circ w/16 bph air/soap mist. Mill on & spud on hanger, make 3' (tie back sleeve spinning w/mill). Circ clean

05-14-2001 Break circ w/16 bph air/soap mist. Mill on, spud on & spin on hanger, make 4 ½' total. Circ hole clean. LD 2 jts & hang swivel back. TOOH w/mill, piece of hanger wrapped around mill. MU jarring assembly & TIH to 2780'

## Continued on back

14.	Signed TRACY ROSS	Title <u>Production Analyst</u> Date	June 22, 200 ACCEPTED FOR RECURD
	(This space for Federal or State office use)		5.007
	Approved by	Title	FARMINGY CO FELL OFFICE
	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.

05-15-2001 Blow well down, re-tighten guy wires, tie back on single line. Spear liner & jar loose. TOOH w/DP. Work on rig (safety issues). Cont out w/6 its 5 ½" liner, LD same. TIH w/Baker underreamer to 2780'

05-16-2001 Cont in w/underreamer to 2981'. RU power swivel. Break circ & open arms on underreamer. Underream f/2981'- 3161' (td). Circ clean, run two 10 bbl sweeps. Lay down 7 jts, PU underreamer inside 7"

05-17-2001 11 hr SICP = 540 psi. Blow well down. Attempt to gauge on 2" TSTM. TOOH w/underreamer. TIH w/6 1/4" bit to 2952'. RU power swivel. Cont in w/ bit, tag 22' of fill @ 3140'. Break circ & CO to TD @ 3162'. PU bit inside 7". Surge from shoe (2 times) w/10 bph air/soap mist to 800 psi, ret's lt. Surge w/night watch.

5-18-2001 Natural surge, 4 hr si = 140 psi, bridged off. Break circ. Co f/2959'- 3162' w/15 bph air/soap mist & 10 bbl sweeps, ret's extra hvy  $\frac{1}{2}$ " to 2" size coal. Co on bttm. Blow dry w/air only. Pu bit to 2959'. Flow natural. Guage well on 2" line, all gauges dry = 217 mcf/d. Turn over to night watch, natural surge. Q = 217 mcf/d

05-19-2001 Natural surge, 4 hr si = 420 psi, rets It. TIH & tag 35' of fill @ 3127'. Co to 3162' w/15 bph air/soap mist & 7 bbl sweeps, ret's hvy ¼" to 1" size coal. CO on bttm. Blow dry w/air only, PU bit to 2959'. Break over w/air only @ 1450 psi, ret's hvy coal. Flow natural. Turn over to night watch, surge well.

05-20-2001 Surge over night (8 times) to 1250 psi, ret's hvy coal, SI @ 0330 hrs for 4 hr build up. Travel to loc. Natural surge, 4 hr si = 540 psi, ret's hvy wtr. TIH & tag bridge @ 3030'. CO 3030'- 3162' w/15 bph air/soap mist & 7 bbl sweeps, ret's hvy ¼" to 1 ½" size coal. Attempt to blow dry, bucket test = 11 bph. PU bit to 2952'. Turn over to night watch, surge well

05-21-2001 Surge well over night from 2952' (7 times) w/air only, pressure to 1300 psi, ret's heavy coal & heavy formation water, SI @ 0300 for natural surge. Travel to loc. Natural surge, 4.5 hr si = 620 psi, ret's lt. Flow natural. Unload well w/air only, ret's extra heavy wtr & heavy coal. TIH, tag bridge @ 3042'. CO to TD @ 3162'. CO on bottom. Blow w/air only, bucket test = 9.5 bph. PU bit to 2952'. Surge f/2952' w/5 bbls prod wtr & 1 gal soap ahead, pres to 1350 psi w/5 bph a/s mist, ret's med coal, turn over to night watch, surge well

05-22-2001 Surge f/2952' over night (6 times) w/5 bph a/s mist to 1200 psi, ret's heavy coal & heavy formation water, SI for natural surge. Travel to loc. Natural surge, 4 ½ hr SI = 520 psi & bridge off. Tag bridge @ 3042'. CO to TD, 25' of fill on bottom. CO on bottom. Blow well w/air only, bucket test = 12.6 bph. PU bit to 2952', flow natural. Gauge well on 2" line, all gauges dry = 372 mcfd. Turn over to night watch, surge well

05-23-2001 Surge f/2952' over night (5 times) w/5 bph a/s mist to 1250 psi, ret's extra heavy coal & water, SI for natural surge. Travel to loc. Natural surge, 4 ½ hr SI = 480 psi ret's lt. Tag bridge/fill @ 3112'. CO to TD @ 3162'w/10 bph a/s mist & 7 bbl sweeps. CO on bottom, ret's heavy coal (running). Blow well w/air only. PU bit to 2952'. Turn over to night watch, surge well.

05-24-2001 Surge over night (5 times) to 1300 psi, ret's hvy coal. Natural surge, 4 ½ hr si = 330 psi, ret's lt. Tag bridge right at bit @ 2952'. Co to td @ 3162'. Co on bttm w/10 bph air/soap mist & 10 bbl sweeps, ret's med coal. Blow dry & pu bit to 2952'. Break over w/air only @ 1150 psi, ret's med coal & hvy wtr. Turn over to night watch, surge well.

05-25-2001 Surge over night (7 times) to 1300 psi, ret's heavy coal. Travel to loc. Natural surge, 4 ½ hr SI = 580 psi, ret's heavy water & med coal. TIH & tag/CO 22' of fill. Blow well dry. TOOH w/bit. Surge f/surface (energized) to 1300 psi, ret's extra heavy coal, bridge off. Turn over to night watch, surge f/surface.

05-26-2001 Surge (4 times) over night to 1200 psi, ret's extra heavy coal. Travel to loc. Surge f/surface w/10 bph a/s mist to 1350 psi, ret's hvy coal & water. Flow natural. Natural surge, 4 hr SI = 340 psi, ret's heavy water w/fine coal. Turn over to night watch, natural surge.

05-27-2001 Natural surge (4 times) 1<sup>st</sup> 4 hr si = 380 psi, 2<sup>nd</sup> = 350 psi, 3<sup>rd</sup> & 4<sup>th</sup> = 330 psi, ret's lt, flow natural 1hr each surge, well still flowing but very little, 5' high flare. Travel to loc. Well partially bridged off, 5' high flare. Surge 2 times to 1350 psi, wouldn't unload. TIH & tag bridge @ 2630'. RU power swivel & break circ w/15 bph a/s mist. CO f/2630'- 3162', ret's hvy coal. Blow w/air only & PU bit to 2952'. Turn over to night watch.

05-28-2001 Natural surge (2 times) 1<sup>st</sup> 6 hr SI = 620 psi, 2<sup>nd</sup> 7 hr SI = 840 psi, ret's heavy water with fine coal. Travel to loc. Surge f/2952' w/10 bph a/s mist, ret's med – hvy coal. Service all equip, turn over to night watch, surge well.

05-29-2001 Surge over night (3 times) to 1350 psi & 1 natural, 6 hr si = 610 psi. Travel to loc. Natural surge, 6 hr si = 540 psi, ret's hvy wtr & It coal. Tag bridge at bit @ 2952'. CO f/2952'- 3162', 50' of fill on bttm. CO on bttm-w/15 bph a/s mist & 6 bbl sweeps, ret's extra hvy coal (coal running). PU bit to 3152' turn over to night watch, blow well w/10 bph a/s mist.

05-30-2001 Coal running, CO over night f/3142' w/10 bph air/soap mist & 6 bbl sweeps, ret's extra heavy coal & heavy water. Travel to loc. CO 11' of fill from 3151'- 3162' w/air only & 6 bbl sweeps, ret's heavy coal & heavy formation water. Blow w/air only for 3 hrs, bucket test = 14 bph w/heavy coffee ground to ¼" size coal, water flow to heavy to gauge well. Surge from 3142' (energized) to 1400 psi, ret's extra heavy coal & heavy water. Flow natural, well unloading hvy wtr on own, flare looks to be 600 to 700 mcf/d, turn over to night watch, surge well.

05-31-2001 Surge (5 times) over night, ret's hvy coal & wtr. Travel to loc. Tag 20' of fill @ 3142', break circ w/10 bph a/s mist. CO to td @ 3162'. CO on bttm w/air only & 6 bbl sweeps, ret's hvy coal. Pu bit to 3142'. Break over w/air only @ 1150 psi, ret's It coal dust. Flow natural, turn over to night crew.

06-01-2001 Surge overnight (2 times) energized to 1250 psi, bridge off 2<sup>nd</sup> surge. Pump 5 bbls down backside, pres to 980 psi & SI. Travel to loc. Backside pres @ 1050 psi, surge bridge out. Tag 20' of fill & co to td, ret's hvy ¼" to 2 ½" size coal. CO on bttm. Blow w/air only, pi bit to 2952'. Flow natural, gauge well on 2" line, all gauges wet-hvy mist = 869 mcfd, turn over to night crew, surge well. Q = 869 mcfd

06-02-2001 Surge f/2952' (5 times) w/10 bbls ahead & pres to 1200 psi, ret's hvy coal. Travel to loc. Tag bridge @ 3010', break circ. CO to 3120' & hole got tight. Lay down 2 jts & hang up. Work stuck pipe free, break circ & unload hvy coal. Co to td w/8 bph a/s mist & 5 bbl sweeps. Co on bttm. Blow w/air only, pu bit to 2952'. Turn over to night crew

06-03-2001 Surge f/2952' 3 times (energized) to 1200 psi, ret's hvy coal, SI @ 0300 hrs. Travel to loc. Natural surge, 4 ½ hr si = 460 psi, ret's med coal & heavy water. Tag bridge @ 3105', break circ. CO f/3105'- 3162' pump 6 bbl sweep & hole got tight. Work stuck pipe & LD 4 jts. Pressure up on backside (2 times) to 1200 psi, surge well & work stuck pipe, no movement, pres up backside to 1200 psi & SI

06-04-2001 Work stuck pipe free, unload well. Break circ w/10 bph a/s mist. CO f/3013'- 3112' w/10 bph a/s mist & 10 bbl sweeps, ret's hvy coal & shale. Blow w/air only, pu bit to 2952'. Turn over to night crew, natural surge

06-05-2001 Natural surge overnight (3 times) ret's heavy coal & water. Travel to loc. Natural surge, 4 ½ hr SI = 800 psi, ret's heavy coal. Unload well & break circ. Tag bridge @ 2960'. CO & work on bad spot @ 3036'- 3045'. heavy ret's = 50% coal & 50% shale. CO to 3112', coal running. Sweep well & PU bit to 2952'. Turn over to night crew, flow natural.

06-06-2001 Flow natural overnight. Travel to loc. Break circ & unload hole. Tag/CO bridge from 3056'- 3108' well heaved up heavy coal & got tight. LD 1 jt & hang up. Pressure up on backside, work pipe free. PU bit to 3050' & break circ. CO to 3152', heavy ret's = 50% coal & 50% shale. PU bit to 3110', turn over to night crew. Blow well w/10 bph a/s mist, ret's heavy coffee ground size to ¼" size coal (running).

06-07-2001 Blow well over night. Travel to loc. Tag 32' of fill, CO to TD @ 3162' w/10 bph air/soap mist. CO on bottom. Blow dry w/air only. TOOH w/bit. Lock bit in top rams, turn over to night crew, natural surge.

06-08-2001 Natural surge over night. Travel to loc. Natural surge, 9 hr SI = 920 psi, ret's hvy coal, bridge off close to surface. Pres up to 750 psi in 3 mins & fell back to 500 psi, surge well, ret's hvy coal & wtr. Flow natural. SI for natural surge, turn over to night crew.

06-09-2001 Natural surge over night (3 times) ret's hvy coal & hvy wtr. Travel to loc. Natural surge, 4 ½ hr SI = 640 psi, ret's hvy coal & hvy wtr. Flow natural, bucket test = 1 bph. Service equip, SI for natural surge & turn over to night crew

06-10-2001 Natural surge overnight (3 times) ret's med to hvy coal & hvy formation wtr. Travel to loc. TIH to 2952'. Tie back & RU power swivel. Tag 45' of fill @ 3117'. Break circ w/8 bph air/soap mist. CO f/3117'- 3162', hvy ret's = 60% coal & 40% shale. CO on bttm. Booster over heating, run 5 bbl sweep & pu bit to 2952'. Flow natural, turn over to night crew. Repair valves on booster.

06-11-2001 Flow natural overnight. Travel to loc. Tag 28' of fill. Break circ w/8 bph air/soap mist. CO from 3134'- 3162', ret's heavy coal & shale. Co on bottom w/8 bph a/s mist & 3 bbl sweeps, heavy ret's = 50% coffee ground to  $\frac{1}{4}$ " size coal & 50%  $\frac{1}{4}$ " shale. Blow w/air only, PU bit to 2952', turn over to night crew, flow natural

06-12-2001 Flow natural overnight. Travel to loc. Tag 6' of fill @ 3156'. Break circ w/8 bph air/soap mist, unload well. CO to TD, run two 5 bbl sweeps. Blow w/air only, RD power swivel. TOOH w/3 ½" DC's, lay down same. C/O to run 5 ½" liner. TIH w/liner to 3015'. RU power swivel & cont in w/liner, tag 6' of fill. Circ liner down to 3162', PU 1' & set hanger @ 2926' (50' overlap). RD power swivel. TOOH, LD DP & setting tool. SWFN

06-13-2001 RU BWWC, hold safety mtg. Perforate Fruitland coal intervals 4 spf @ 3009'- 13', 3070'- 74', 3100'- 05', 3140'- 43', 3150'- 60' (104 shots total). C/O to run prod tbg. Tally in w/102 jts to PBTD @ 3160'. Unload csg w/air only, bucket test = 14 bph. Land tbg in hanger @ 3117' w/100 jts total. ND cavitation stack. Release rig @ 1900 hrs, turn well to production, final report