Form 3160 DEPARTMEN		ED STATES INT OF INTERIOR AND MANAGEMENT		FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993	
Do not	SUNDRY NOTICE AND use this form for proposals to drill or to deepen or	5	5 Lease Designation and Serial No. SF-078892		
	TO DRILL" for permi	6.	6. If Indian, Allottee or Tribe Name		
	SUBMIT IN T	7.	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 #104		
2.	Name of Operator WILLIAMS PRODUCTION COMPANY	9	API Well No. 30-039-23530		
3.	Address and Telephone No. PO BOX 3402 MS 25-1, TULSA, OK 74101 (	10.	Field and Pool, or Exploratory Area LAGUNA SECA GALLUP		
4.	Location of Well (Footage, Sec., T., R., M., or 1820' FNL & 1210' FEL, SE/4 NE/4 SEC 14-7	11.	County or Parish, State RIO ARRIBA, NM		
<u> </u>	CHECK APPROPRIA	TE BOX(s) TO INDICATE NATURE OF NOTICE, RE	PORT, OR O	THER DATA	
	TYPE OF SUBMISSION	ТҮРЕ	OF ACTION		
H	X Notice of Intent Subsequent Report	X Abandonment Recompletion Plugging Back		Change of Plans New Construction Non-Routine Fracturing	
	Final Abandonment	Casing Repair Altering Casing Other		Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion of Well Completion or Recompletion Report and Log form.)	
13. W O	directionally drilled, give subsurface locations //illiams Production Company plans to	Clearly state all pertinent details, and give pertinent dates, is and measured and true vertical depths for all markers and plug & abandon the above mentioned will commence within the next 45 days.	d zones pertin	cent to this work.)*	
				E ON COMMENT	

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 fast in wholly or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Approved by

Conditions of approval, if any:

JUL 1 9 2005

Date

## Plug and Abandon Procedure

Rosa Unit # 104 (GL/DK)

1820' FNL and 1210' FEL SE/4 NE/4 Sec 14 (H), T31N, R4W Rio Arriba, New Mexico G.L. 6767'

Purpose for Work: Pull tubing P&A Gallup and Dakota zones. Cement plugs will be placed across the Mesa Verde, Pictured Cliffs, Fruitland Coal, Ojo Alamo, and Naciamento zones.

Critical Information: Contact Steve Mason with the BLM 24 hours before cementing proceeds. If cementing occurs over a weekend or on a Monday, contact the BLM no later than Thursday.

<u> </u>	Depth (ft)	. Weight (#)	. Type_	OD (in)	_ D (in)	BF/ft	ft^3 / ft
Surf (sg	. 414	54.50	.J-55	13 3/8	12.615	<b>0</b> , 15 150	0.86790
TuR 2pt	8750	11.60	N-80	41/2	4.000	0.01550	0.08720
DK 11g	7294	4.70	J-55	23/8	1.995	0.00387	0.02171

- 1. MIRUSU, Kill tubing if necessary. ND wellhead and NU BOP.
- 2. TIH w/2-3/8" tubing to cement retainer at 7325'. Pump 50 sxs of class 'H' cement. (Calculated TOC is 6715') TOH to 6600' or 100' above TOC. Reverse up the tubing with 50 Bbl of water. Shut well in with 100 psi on the tubing. Monitor pressure for 30 min. If pressure does not drop, proceed immediately to step 4. Otherwise, WOC for 6 hours.
- 3. TIH and tag cement. Record cement top over Gallup.
- 4. TOH with 2 3/8" tubing to 6500'. Pump 70 sxs of class 'H' cement across the Mesa Verde zone. (Calculated TOC is 5650') TOH to 5550' or 100' above TOC. Reverse up the tubing with 40 Bbl of water. Shut well in with 100 psi on the tubing. Monitor pressure for 30 min. If pressure does not drop, proceed immediately to step 6. Otherwise, WOC for 6 hours.
- 5. TIH and tag cement. Record cement top over Mesa Verde.
- 6. TOH with 2 3/8" tubing to 3700'. Pump 70 sxs of class 'H' cement across the Pictured Cliffs, Fruitland Coal, and Ojo Alamo zones. (Calculated TOC is 2850') TOH to 2750' or 100' above TOC. Reverse up the tubing with 30 8bl of water. Shut well in with 100 psi on the tubing. Monitor pressure for 30 min. If pressure does not drop, proceed immediately to step 8. Otherwise, WOC for 6 hours.
- 7. TIH and tag cement. Record cement top over Ojo Alamo.
- 8. TOH with 2 3/8" tubing to 1700'. Pump 25 sxs of class 'H' cement across the Naciamento zone. (Calculated TOC is 1400') TOH to 1300' or 100' above TOC. Reverse up the tubing with 20 Bbl of water. Shut well in with 100 psi on the tubing. Monitor pressure for 30 min. If pressure does not drop, proceed immediately to step 10. Otherwise, WOC for 6 hours.
- 9. TIH and tag cement. Record cement top over Naciamento.
- 10. TOH with 2 3/8" tubing. TIH with wireline and perforate 4 holes at 410'. Establish circulation into the perforations. Pump cement into the formation until returns are observed at the surface. Estimate of 50-55 Bbls of class 'H' cement for returns.
- 11. NDBOP. RDMOL. Set permanent P&A marker, Reclaim and reseed location.

Robert Goodwin Office: 918-573-3496 Cell: 918-640-9356

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