Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: March 31, 2007

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE – Other instructions on page 2.					7 If Unit of CA/Agreement, Name and/or No		
. Type of Well				Rosa Unit			
Oıl Well Gas Well Other					8 Well Name and No Rosa Unit #403		
2. Name of Operator Williams Production Compa	9. API Well No. 30-039-30901						
Ba. Address PO Box 640 Aztec, NI	M 87410	area code)	10 Field and Pool or Exploratory Area BASIN FC				
1. Location of Well <i>(Footage, S</i> SURF: 2265' FNL & 320' FEL		Description)		11 Country or Parish, State Rio Arriba, NM			
12. CHEC	K THE APPROPRIAT	E BOX(ES) TO INDICAT	E NATURE OF NOTICE,	REPORT OR O	THER DATA		
TYPE OF SUBMISSION			TYPE OF ACTION				
Notice of Intent	Acidize	Deepen	Production (St	art/Resume)	Water Shut-Off		
	Alter Casing	Fracture Treat	Reclamation		Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete		Other		
	Change Plans	Plug and Abandon	Temporarily A	bandon	Correct Formation		
Final Abandonment Notice	Convert to	Plug Back	Water Disposa	ı	Tops		
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(Instructions on page 2)

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AGENTED FOR RECORD

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Formation Tops

Well Name	Rosa #403				Field	
Location	T 31 N	R 5 W	Sec 14	2265' FNL & 320' FEL		
County, State	Rio Arriba,	New Mexic	00		Basin Fruitland	
Elevation	Ground	6501	KB	6515		
					Corrected	
Date Provided	7/8/2011		RLH			
Rig	Aztec #471					
API#	30-039-309	01				
				Measured		
Formation		Quality		Depth	Structural Elevation	
San Jose Fm.			<u> </u>	Surface		
Nacimiento Fm.				1357	5158	
Ojo Alamo Ss.				2684	3831	
Kirtland Sh.		ļ	1	2786	3729	
Fruitland Fm.				3103	3412	
Top of Coal				3207	3308	
Base of Coal	-			3315	3200	
Upper Pictured Cliffs Ss.			-	3323	3192	· · · ·
Middle Pictured Cliffs Ss.	<u> </u>			3323	3132	
Pictured Cliffs Ss.						
ewis Sh.	-					
Lewis 311. Huerfanito Bentonite						
Cliff House Ss.		<u> </u>				
Menefee Fm.						·
Pt. Lookout Ss.						
Lower Pt. Lookout Ss						
Mancos Sh.						
Gallup Ss. Member						
Greenhorn Ls. Member						
Graneros Sh. Member	-					
Dakota Ss.	-					
Morrison Ss.						
	 					-
Total Depth - Driller				3420	3095	
Total Depth - Logging Co.				3420	3095	
	-			- 1.20		
Open Hole Logging Co.:	Weatherford	<u></u>				
Open Hole Logs Available:	Run 1:			pectral Density/Dual Spa	ced Neutral, GR	·
		, , , , , , , , , , , , , , , , , , , ,	,			
P			-	-		
Note: Formation tops with t	he * were pio	ked from	the cased	hole portion of the log,	no open hole logs available	
NOTE: divisions of the Dakota and tops			Two Wells		not present	
110 1 E. divisions of the Dakota and tops			Paguate		not prosent	
(not to be provided to reg	rulatory ager	ries)	Cubero			····
(not to be provided to ret	Julatory ayer			N/OD		
	1		Oak Canyon Encinal Canyon			
		L	Burro Canyon		1	