

Form 3160-5 (February 2005)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

FEB 15 2011

FORM APPROVED OMB No. 1004-0137

BUREAU OF LAND MANAGEMEN	Farminmon Figure On		es: March 31, 2007		
BUREAU OF LAND MANAGEMEN	Bureau of Land Manage /ELLS	5. Lease Scrial No		_	
SUNDRY NOTICES AND REPORTS ON V	/ELLS	"'SF-078763			
Do not use this form for proposals to drill or to	6. If Indian, Allottee or Tribe Name				
abandoned well. Use Form 3160-3 (APD) for suc					
SUBMIT IN TRIPLICATE – Other instructions	7. If Unit of CA/Agreement, Name and/or No.				
1. Type of Well	Rosa Unit				
	8. Well Name and No.		_		
Oil Well Gas Well Other	Rosa Unit #41A				
2. Name of Operator	9. API Well No.				
Williams Production Company, LLC  3a. Address  3b. Phone No. (incluence)	30-039-25506  10. Field and Pool or Exploratory Area				
PO Box 640 Aztec, NM 87410 505-634-4208	Blanco Mesaverde				
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State			
2180' FSL & 1485' FEL, sec 5, T31N, R5W	Rio Arriba, NM		_		
12. CHECK THE APPROPRIATE BOX(ES) TO INDICA	ATE NATURE OF NOTICE, F	REPORT OR OTHE	R DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	<del></del>		_	
Acidize Deepen	Production (Sta	irt/Resume)	Water Shut-Off	<del></del>	
Notice of Intent Alter Casing Fracture Treat	Reclamation	Γ	Well Integrity		
Casing Repair New Construction	=	· [	Other Clean Out/		
Subsequent Report Change Plans Plug and Abanc		nandon	Return to production		
Final Abandonment Notice Convert to Plug Back	Water Disposal	•			
Injection  13. Describe Proposed or Completed Operation: Clearly state all pertinent detail			ed work and approximate	<del>_</del>	
duration thereof. If the proposal is to deepen directionally or recomplete he all pertinent markers and zones. Attach the Bond under which the work wi subsequent reports must be filed within 30 days following completion of the recompletion in a new interval, a Form 3160-4 must be filed once testing he requirements, including reclamation, have been completed and the operators.	If the performed or provide the ne involved operations. If the of as been completed. Final Abar	Bond No. on file wi peration results in a adonment Notices m	th BLM/BIA. Required multiple completion or oust be filed only after all		
02/01/2011: MIRU, kill well, TOH, Pressure tested up to 1500 psi - Tested OK.	Rig up swab jt.			,	
02/02/2011 thru 02/04/2011: Swab well, DO cmt retainer @ 5524 and CO to 8	PBTD @ 5921'		05262	27280	
02/07/2011: Land well as follows: 174 jts 2-3/8", 4.7#, J-55, eue 8rd tubing, 1.	78" ID SN @ 5448', EOT @ 54	79'. Return well to p	production	5/1 <930	
			PRECIONS DI	EIVED 2011	
14. I hereby certify that the foregoing is true and correct.  Name (Printed/Typed)		٠	E.O.	-01e A	
Ben Mitchell	Title Regulatory Specialist		15/ t.	-110/65	
Signature Bn MSh Date 2/15/11				6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by				_	
	Title		Date		
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject leawhich would entitle the applicant to conduct operations thereon.	or			<del>-</del> -	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for a United States any false, fictitious or fraudulent statements or representations as to an		lly to make to any dep	partment or agency of the	<del>-</del> 	

(Instructions on page 2)



ACCEPTED FOR RECORD

FEB 2 2 2011

# WELLBORE DIAGRAM

### ROSA UNIT #41A MV

Location: 2180' FSL, 1485' FEL NW/4 SE/4 SEC. 05, T31N, R5W

Rio Arriba CO., NM Elevation: 6268' GR

KB: 12

Tops	Depth
Nacimiento	n/a
Ojo Alamo	2366'
Kirtland	2472
Fruitland	2768
Pictured Cliffs	3082
Lewis	3440'
Cliff House	5288
Menefee	5370'
Point Lookout	5534'
Lower Point Lookout	5572;

### **STIMULATION**

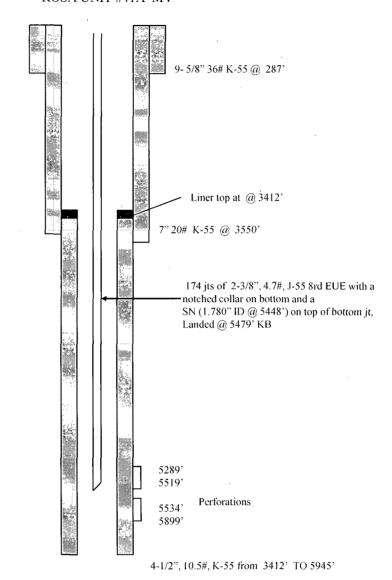
## CliffHouse/Menefee

5289' - 5519'

61,000# of 20/40 in 1962 BBI's of slick water

Point Lookout 5534' - 5899'

80,000# of 20/40 in 2390 BBIs of slick water



PBTD @ 5921

HOLE SIZE	CASING		CMTTOP	VOLUME
12-1/4"	9-5/8" 36#	150 s x	Surface	177 CU.FT.
8-3/4"	7" 20 #	585 s x	Surface	1041 CU.FT.
6-1/4"	4-1/2" 10.5#	245 s x	linertop	424 CU.FT
See discovery of the control of the	1	The state of the s		