

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND 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 drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

RECEIVED

SUBMIT IN TRIPPLICATE

MAY 23 2011

1. Type of Well Oil Well Gas Well X Other	5. Lease Designation and Serial No NMSF-078771
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No PO Box 640 Aztec, NM 87410-0640	7. If Unit or CA, Agreement Designation Rosa Unit
4. Location of Well (Footage, Sec , T., R , M., or Survey Description) SUR 1485' FNL & 775' FEL BHL: 2095' FNL & 1821' FEL SEC 26 31N 6W	8. Well Name and No. Rosa Unit 005D
	9. API Well No. 30-039-30780
	10. Field and Pool, or Exploratory Area BLANCO MV/BASIN DK/BASIN MC
	11. County or Parish, State Rio Arriba, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment
x Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	X Other Reallocation
	Change of Plans
	New Construction
	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 (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.)\*

Williams E&P has run Protechnic's Completion profiler tool for allocation purposes on the Rosa Unit #5D. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	61%	284 Mcf/d
Mancos	26%	120 Mcf/d
Dakota	13%	62 Mcf/d
Total	100%	466 Mcf/d



14 I hereby certify that the foregoing is true and correct

Signed Larry Higgins

Title Drilling Supr Date 5/23/11

(This space for Federal or State office use)

Approved by Joe Hunt

Title Geo

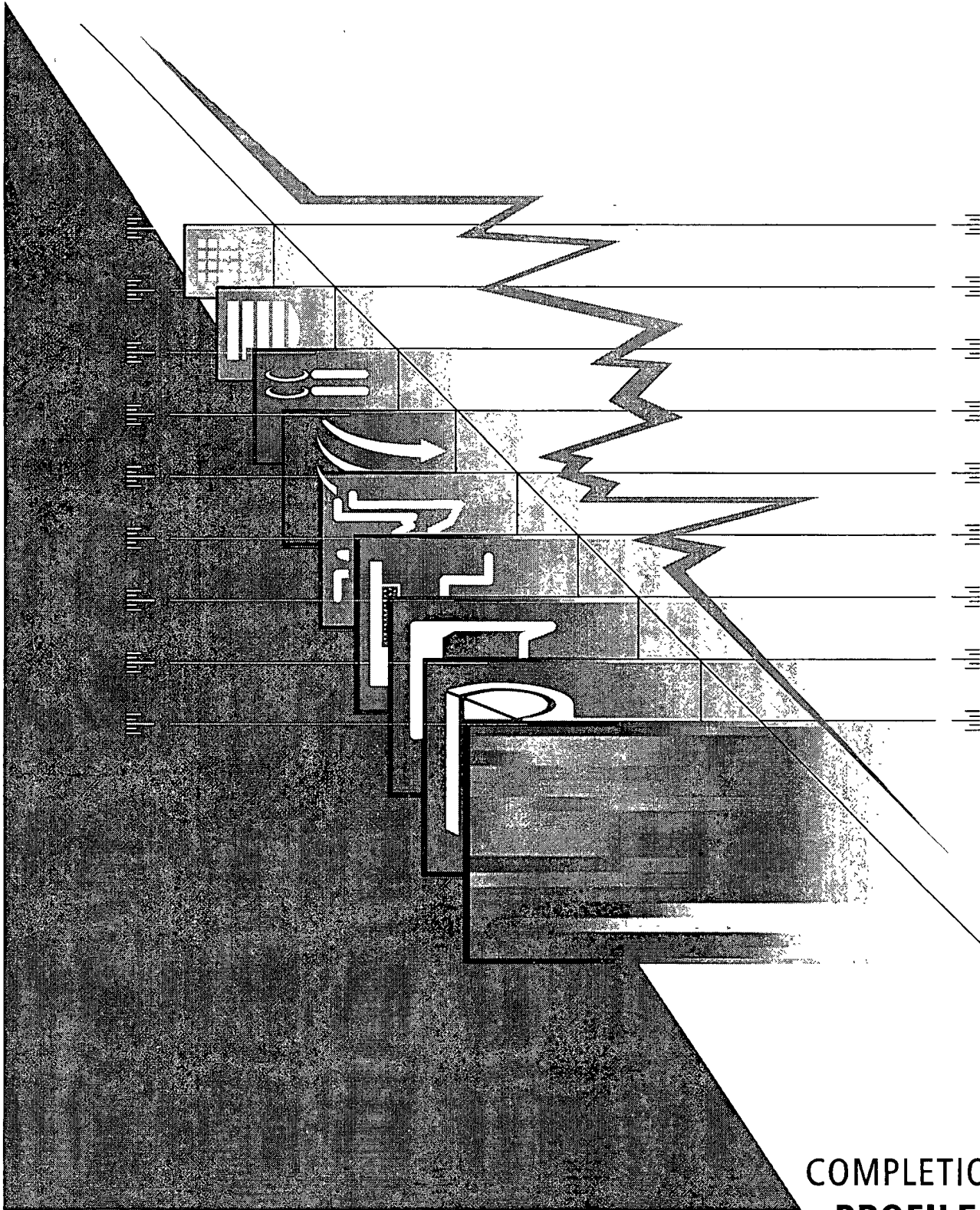
Date 5-24-11

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.

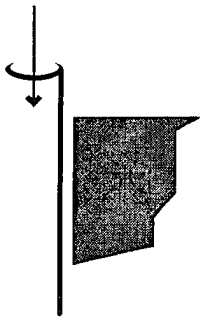
NMOCD

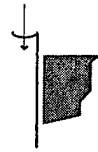
*Williams Production Company  
Rosa Unit #5D*



MEASUREDSOLUTIONS

COMPLETION  
PROFILER®



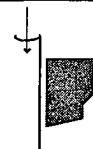


<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit #5D</i>
<i>Field</i>	<i>Blanco Mesaverde/Basin Dakota</i>
<i>Location</i>	<i>Rio Arriba County, New Mexico</i>
<i>Customer Name</i>	<i>Michael Andrews</i>
<i>Date of Survey</i>	<i>May 10, 2011</i>
<i>Date of Analysis</i>	<i>May 13, 2011</i>
<i>Logging Engineer</i>	<i>Loren Healy</i>
<i>Analyst</i>	<i>Mark Warren</i>

*All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful misconduct on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.*

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## Survey Objectives

- Identify the source of water production.
- Identify gas producing intervals.
- Quantitative production profile.

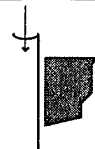
## Logging Procedures

Date	Time	Comment
5-10	6:30	Arrive on location
5-10	5:30	Gauge run start
5-10	6:30	Gauge run stop
5-10	7:20	Program Completion Profile String
5-10	7:29	Start GIH pass
5-10	7:53	Stop GIH pass
5-10	7:58	Start logging passes
5-10	11:37	Stop logging passes
5-10	11:41	Start out of well pass
5-10	12:04	Stop out of well pass
5-10	12:16	Start download
5-10	12:42	Stop download
5-10	13:00	Rig down

Interval Logged: [From 5,456 to 8,135 ft.]  
 60 ft/min  
 90 ft/min  
 120 ft/min



## Completion Profile Analysis



### Well Information

Casing: 5.5" 17.0 lb/ft surface to 8,179 ft PBTD: 8,172 ft

Tubing: 2.375" 4.7 lb/ft surface to 5,401 ft

Perforations: 5,572; 5,574; 5,576; 5,578; 5,580; 5,582; 5,584; 5,586; 5,588; 5,590;  
5,592; 5,594; 5,596; 5,598; 5,600; 5,602; 5,604; 5,606; 5,608; 5,610;  
5,612; 5,614; 5,616; 5,618; 5,620; 5,622; 5,624; 5,626; 5,628; 5,630;  
5,632; 5,634; 5,636; 5,638; 5,640; 5,642; 5,666; 5,668; 5,670; 5,672;  
5,674; 5,676; 5,678 ft  
(Cliff House/Menefee)

5,818; 5,820; 5,824; 5,830; 5,832; 5,834; 5,836; 5,838; 5,840; 5,842;  
5,844; 5,846; 5,848; 5,854; 5,856; 5,870; 5,872; 5,874; 5,876; 5,878;  
5,880; 5,882; 5,888; 5,890; 5,892; 5,894; 5,896; 5,898; 5,900; 5,904;  
5,906; 5,908; 5,910; 5,912; 5,918; 5,920; 5,922; 5,924; 5,932; 5,934;  
5,944; 5,954; 5,956; 5,958; 5,960; 5,966; 5,987; 5,989; 5,996; 5,998;  
6,023; 6,029; 6,040; 6,042; 6,044; 6,046; 6,061; 6,063; 6,072; 6,074;  
6,076; 6,078; 6,080; 6,088; 6,090; 6,092; 6,094 ft  
(Point Lookout)

6,992; 7,020; 7,030; 7,040; 7,060; 7,070; 7,080; 7,090; 7,100; 7,110;  
7,120; 7,130; 7,140; 7,150; 7,160; 7,170; 7,180 ft  
(Upper Mancos)

7,289; 7,299; 7,307; 7,331; 7,345; 7,356; 7,362; 7,369; 7,377; 7,389;  
7,403; 7,415; 7,426; 7,441; 7,455; 7,463 ft  
(Lower Mancos)

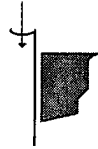
8,028; 8,032; 8,036; 8,040; 8,044; 8,048; 8,074; 8,078; 8,080; 8,084;  
8,088; 8,092; 8,096; 8,100; 8,104; 8,108; 8,112; 8,116; 8,120; 8,124;  
8,128; 8,144; 8,148; 8,152; 8,156; 8,160 ft  
(Dakota)

Flowing tubing pressure at the time of logging: 72 psi

Daily average surface production reported at the time of logging:

gas: 400 Mscf/d

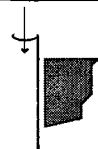
water: 5 bpd



### *Tool String*

The 1 11/16" Completion Profiler string comprised the following sensors:

Battery housing; RS-232/CCL; Memory/CPU; Gamma Ray; Pressure/Temperature Combo; Centralizer; Induction Collar Locator; Fluid Density; Centralizer; Spinner Flowmeter.



## Results

The following table summarizes the production from each producing zone.

GAS / WATER PRODUCTION PROFILE						
Flow Rates Reported at STP						
Zone Intervals	Q-Gas	Qp-Gas	Percent of	Q-Water	Qp-Water	Percent of
feet	MCFD	MCFD	Total	BFPD	BFPD	Total
Surface to 5572	466 Mcf/d		100 %	7 bpd		101 %
Cliff House/Menefee			20 %			21 %
5572 to 5678	466 Mcf/d	94 Mcf/d		7 bpd	1 bpd	
Point Lookout			41 %			41 %
5818 to 6094	372 Mcf/d	190 Mcf/d		6 bpd	3 bpd	
Upper Mancos			18 %			17 %
6992 to 7180	182 Mcf/d	85 Mcf/d		3 bpd	1 bpd	
Lower Mancos			8 %			3 %
7289 to 7463	97 Mcf/d	35 Mcf/d		2 bpd	0 bpd	
Dakota			12 %			16 %
8028 to 8128	62 Mcf/d	54 Mcf/d		1 bpd	1 bpd	
Flow Contribution from Below Log Depth			2 %			4 %
8135 to Below	8 Mcf/d		2 %	0 bpd		4 %