

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

AUG 26 2010

SUBMIT IN TRIPLICATE

1. Type of Well Oil Well Gas Well X Other	8. Well Name and No. Rosa Unit 129D COM
2. Name of Operator WILLIAMS PRODUCTION COMPANY	9. API Well No. 30-039-30775
3. Address and Telephone No. PO Box 640 Aztec, NM 87410-0640 634-4208	10. Field and Pool, or Exploratory Area BLANCO MV/BASIN DK/BASIN MC
4. Location of Well (Footage; Sec., T, R., M., or Survey Description) SURF: 1670 FSL & 2000' FWL BHL: 925' FSL & 2451' FWL SEC 34 32N 6W	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 #129D. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	57%	404 Mcf/d
Mancos	19%	134 Mcf/d
Dakota	24%	170 Mcf/d
Total	100%	708 Mcf/d

RCVD AUG 30 '10  
OIL CONS. DIV.  
DIST. 3

P/C 3 256 A2

14. I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title Permit Supervisor

Date 8/25/10

(This space for Federal or State office use)

Approved by

Joe Hewitt

Title

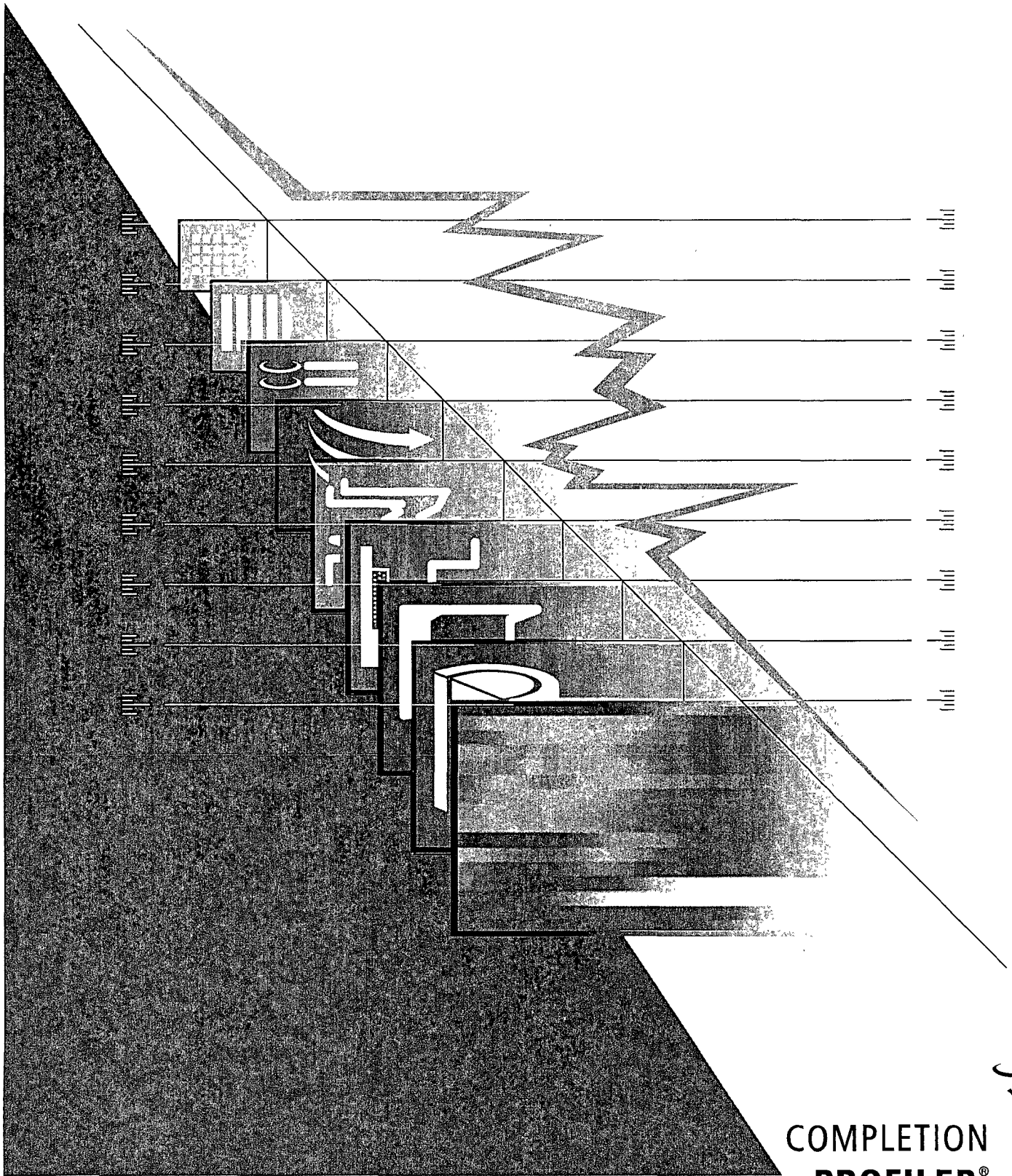
Geo

Date

8-27-10

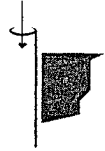
Conditions of approval, if any:

*Williams Production Company  
Rosa Unit #129D*



COMPLETION  
PROFILER®

MEASURED SOLUTIONS

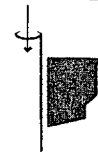


<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit #129D</i>
<i>Field</i>	<i>Blanco Mesaverde/Basin Dakota</i>
<i>Location</i>	<i>Rio Arriba County, New Mexico</i>
<i>Customer Name</i>	<i>Justin Stolworthy</i>
<i>Date of Survey</i>	<i>August 17, 2010</i>
<i>Date of Analysis</i>	<i>August 24, 2010</i>
<i>Logging Engineer</i>	<i>Loren Healy</i>
<i>Analyst</i>	<i>Derrick George</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.*

## Table of Contents

<i>Survey Objectives</i>	4
<i>Logging Procedures</i>	4
<i>Well Information</i>	5
<i>Tool String</i>	6
<i>Results</i>	7
<i>Analysis Summary</i>	12
<i>Brief Description of Process</i>	13
<i>Model Results With Recorded Data</i>	14
<i>Production Rates At Surface Conditions</i>	15
<i>Flow Model at Downhole Conditions With Comparison of Theoretical Response to Recorded Data</i>	25
<i>Overlay of all Log Data</i>	26
<i>Apparent Fluid Velocity Derived from Spinner</i>	27
<i>Spinner Calibration Plots Relationship between R.P.S. and Fluid Velocity (fpm)</i>	28
<i>Well Information</i>	29
<i>Parameters used for Analysis</i>	29



## Survey Objectives

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

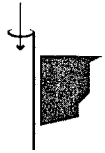
## Logging Procedures

Date	Time	Comment
08/17	07:00	Arrive on location
08/17	06:00	Gauge Run Start
08/17	07:00	Gauge Run Stop
08/17	08:09	Program Completion Profile String
08/17	08:24	Start GIH pass
08/17	08:44	Stop GIH pass
08/17	09:12	Start logging passes
08/17	13:33	Stop logging passes
08/17	13:39	Start out of well pass
08/17	13:59	Stop out of well pass
08/17	14:08	Start download
08/17	14:33	Stop download
08/17	15:00	Rig Down

Interval Logged: [From 5,179 to 8,075 ft.]  
 60 ft/min  
 90 ft/min  
 120 ft/min



## Completion Profile Analysis



### Well Information

Casing: 5.50" 17.0 lb/ft surface to 8,091 ft PBTD: 8,083 ft

Tubing: 2.38" 4.7 lb/ft surface to 5,074 ft

Perforations: 5,480; 5,482; 5,484; 5,486; 5,488; 5,490; 5,520; 5,522; 5,524; 5,526;  
5,528; 5,530; 5,532; 5,534; 5,536; 5,564; 5,566; 5,568; 5,570; 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; 5,608; 5,612; 5,616; 5,620;  
5,623; 5,626; 5,628; 5,630; 5,632; 5,634; 5,636; 5,638; 5,640; 5,642 ft  
(Stage 5 - Cliffhouse/Menefee)

5,773; 5,775; 5,777; 5,779; 5,781; 5,783; 5,785; 5,787; 5,789; 5,791;  
5,793; 5,795; 5,797; 5,799; 5,801; 5,803; 5,805; 5,807; 5,809; 5,822;  
5,824; 5,826; 5,828; 5,830; 5,835; 5,839; 5,842; 5,844; 5,846; 5,850;  
5,852; 5,854; 5,856; 5,867; 5,869; 5,872; 5,875; 5,877; 5,879; 5,881;  
5,883; 5,894; 5,896; 5,990; 5,992; 5,994; 6,002; 6,004; 6,029; 6,031;  
6,033; 6,046; 6,048; 6,050; 6,052; 6,078; 6,080 ft  
(Stage 4 - Point Lookout)

6,978; 6,988; 6,998; 7,008; 7,018; 7,028; 7,038; 7,045; 7,056; 7,068;  
7,078; 7,088; 7,101; 7,108; 7,114; 7,121; 7,128; 7,138; 7,148; 7,158;  
7,168; 7,181; 7,192 ft (Stage 3 - Upper Mancos)

7,261; 7,264; 7,269; 7,276; 7,284; 7,290; 7,295; 7,298; 7,302; 7,307;  
7,314; 7,320; 7,332; 7,336; 7,341; 7,346; 7,352; 7,357; 7,366; 7,372 ft  
(Stage 2 - Lower Mancos)

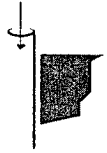
8,010; 8,013; 8,016; 8,022; 8,026; 8,032; 8,042; 8,048; 8,052; 8,056;  
8,060; 8,064; 8,068; 8,072; 8,076; 8,080; 8,084; 8,088 ft  
(Stage 1 - Dakota)

Flowing tubing pressure at the time of logging: 420 psi

Daily average surface production reported at the time of logging:

gas: 700 Mscf/d

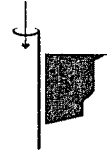
water: 5 bpd



### *Tool String*

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

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



## Results

The following table summarizes the production from each frac interval.

GAS / WATER PRODUCTION PROFILE						
Flow Rates Reported at STP						
Zone Intervals	Q-Water	Qp-Water	Percent of Total	Q-Gas	Qp-Gas	Percent of Total
feet	BFPD	BFPD		MCFD	MCFD	
Surface to 5480	5 bpd		100 %	707 Mcf/d		100 %
Stage 5 - Cliffhouse/Menefee			13 %			15 %
5480 to 5642	5 bpd	1 bpd		707 Mcf/d	104 Mcf/d	
Stage 4 - Point Lookout			16 %			42 %
5773 to 6080	4 bpd	1 bpd		603 Mcf/d	300 Mcf/d	
Stage 3 - Upper Mancos			40 %			13 %
6978 to 7192	3 bpd	2 bpd		304 Mcf/d	90 Mcf/d	
Stage 2 - Lower Mancos			6 %			6 %
7261 to 7372	2 bpd	0 bpd		213 Mcf/d	44 Mcf/d	
Stage 1 - Dakota			25 %			17 %
8010 to 8072	1 bpd	1 bpd		170 Mcf/d	120 Mcf/d	
Flow Contribution from Below Log Depth			0 %			7 %
8075 to Below	0 bpd		0 %	50 Mcf/d		7 %