

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

JUN 23 2011

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
TO DRILL" for permit for such proposals

Use "APPLICATION
Armington Field Office
Bureau of Land Management

Lease Designation and Serial No.
NMSF-078765
If Indian, Allottee or Tribe Name

SUBMIT IN TRIPPLICATE

1. Type of Well Oil Well Gas Well <input checked="" type="checkbox"/> Other	7. If Unit or CA, Agreement Designation Rosa Unit
2. Name of Operator WILLIAMS PRODUCTION COMPANY	8. Well Name and No Rosa Unit 167D
3. Address and Telephone No. PO Box 640 Aztec, NM 87410-0640	9. API Well No. 30-045-34985
4. Location of Well (Footage, Sec, T., R., M., or Survey Description) 1965' FNL & 5' FEL 2452' FSL & 683' FEL SEC 8 31N 6W	10. Field and Pool, or Exploratory Area BLANCO MV/BASIN DK/BASIN MC
	11. County or Parish, State San Juan, 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
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	<input checked="" type="checkbox"/> Other <u>REALLOCATION</u>
	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 #167D. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	58%	362 Mcf/d
Mancos	9%	53 Mcf/d
Dakota	33%	208 Mcf/d
Total	100%	623 Mcf/d



14 I hereby certify that the foregoing is true and correct

Signed Heather Riley
HEATHER RILEY

Title REGULATORY SPEC SR

Date 6/22/11

(This space for Federal or State office use)

Approved by Joe Hunt

Title Geo

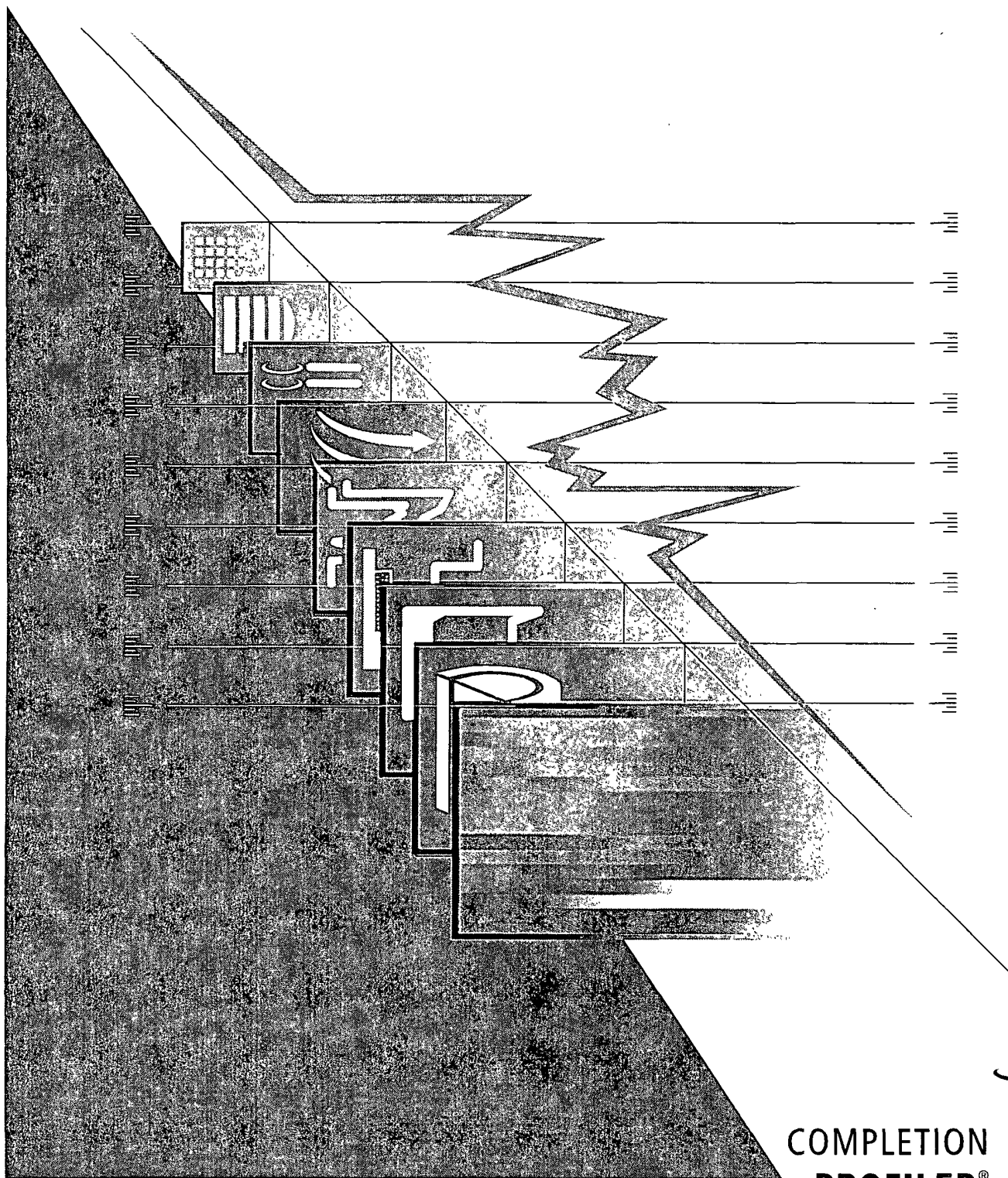
Date 6-24-11

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.

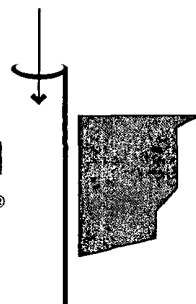
NMOCD A

*Williams Production Company
Rosa Unit 167D*



MEASURED SOLUTIONS

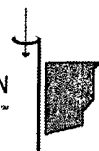
COMPLETION
PROFILER®





Completion Profile Analysis

COMPLETION
PROFILER™



<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit 167D</i>
<i>Field</i>	<i>Blanco Mesaverde/Basin Dakota</i>
<i>Location</i>	<i>San Juan County, New Mexico</i>
<i>Customer Name</i>	<i>Michael Andrews</i>
<i>Date of Survey</i>	<i>June 10, 2011</i>
<i>Date of Analysis</i>	<i>June 16, 2011</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.

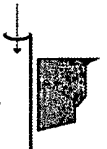
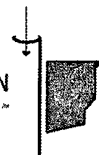


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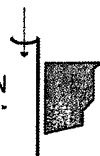
Survey Objectives

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

Logging Procedures

Date	Time	Comment
06/10	12:00	Arrive on location
06/10	11:00	Gauge run start
06/10	12:00	Gauge run stop
06/10	12:15	Program Completion Profile String
06/10	12:21	Start GIH pass
06/10	12:36	Stop GIH pass
06/10	12:42	Start logging passes
06/10	15:14	Stop logging passes
06/10	15:19	Start out of well pass
06/10	15:37	Stop out of well pass
06/10	15:43	Start download
06/10	16:03	Stop download
06/10	16:15	Rig down

Interval Logged: [From 5,364 to 8,064 ft.]
60 ft/min
90 ft/min



Well Information

Casing: 5.5" 17.0 lb/ft surface to 8,116 ft PBTD: 8,111 ft

Tubing: 2.375" 4.7 lb/ft surface to 5,316 ft

Perforations: 5,442; 5,449; 5,484; 5,486; 5,488; 5,490; 5,492; 5,494; 5,507; 5,520;
5,522; 5,524; 5,526; 5,530; 5,532; 5,536; 5,538; 5,540; 5,542; 5,544;
5,546; 5,548; 5,550; 5,554; 5,556; 5,558; 5,560; 5,562; 5,564; 5,566;
5,570; 5,574; 5,576; 5,578; 5,580; 5,582; 5,589; 5,597; 5,599; 5,621;
5,624; 5,670; 5,683; 5,691; 5,693; 5,701; 5,703; 5,714; 5,716; 5,718;
5,720; 5,722 ft (Stage 5 - Cliff House/Menefee)

5,748; 5,750; 5,752; 5,754; 5,756; 5,758; 5,762; 5,764; 5,766; 5,768;
5,770; 5,772; 5,776; 5,778; 5,780; 5,782; 5,784; 5,786; 5,788; 5,790;
5,792; 5,794; 5,796; 5,798; 5,800; 5,805; 5,807; 5,816; 5,818; 5,820;
5,822; 5,824; 5,826; 5,828; 5,830; 5,832; 5,834; 5,836; 5,838; 5,840;
5,842; 5,844; 5,846; 5,848; 5,850; 5,854; 5,856; 5,860; 5,862; 5,878;
5,880; 5,885; 5,887; 5,892; 5,894; 5,903; 5,905; 5,907; 5,912; 5,923;
5,944; 5,946; 5,948; 5,956; 5,958; 5,968; 5,970; 5,972; 5,974; 5,976;
5,978; 5,998; 6,000; 6,002; 6,006; 6,008 ft (Stage 4 - Point Lookout)

6,930; 6,940; 6,950; 6,960; 6,970; 6,980; 6,990; 7,000; 7,010; 7,020;
7,030; 7,040; 7,050; 7,060; 7,070; 7,080; 7,090; 7,100; 7,110; 7,120;
7,130; 7,140; 7,150 ft (Stage 3 - Upper Mancos)

7,214; 7,224; 7,234; 7,240; 7,245; 7,258; 7,266; 7,274; 7,281; 7,287;
7,294; 7,302; 7,308; 7,312; 7,320; 7,326; 7,332; 7,338; 7,344; 7,350;
7,356 ft (Stage 2 - Lower Mancos)

7,977; 7,980; 7,984; 7,988; 7,992; 8,018; 8,022; 8,026; 8,030; 8,034;
8,038; 8,042; 8,046; 8,050; 8,054; 8,062; 8,066; 8,070; 8,074; 8,080;
8,084; 8,088; 8,092; 8,096 ft (Stage 1 - Dakota)

Flowing tubing pressure at the time of logging: 133 psi

Daily average surface production reported at the time of logging:

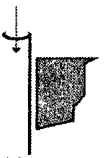
gas: 620 Mscf/d

water: 6 bpd



Completion Profile Analysis

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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.

Well Log History

Log Date	Type of Survey
07/15/10	Completion Profiler

Results

The following table summarizes the production from each frac stage.

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 5442	622 Mcf/d		100 %	6 bpd		100 %
Stage 5 - Cliff House/Menefee			34 %			32 %
5442 to 5722	622 Mcf/d	209 Mcf/d		6 bpd	2 bpd	
Stage 4 - Point Lookout			25 %			26 %
5748 to 6008	413 Mcf/d	153 Mcf/d		4 bpd	2 bpd	
Stage 3 - Upper Mancos			6 %			5 %
6930 to 7150	261 Mcf/d	35 Mcf/d		3 bpd	0 bpd	
Stage 2 - Lower Mancos			3 %			4 %
7214 to 7356	226 Mcf/d	18 Mcf/d		2 bpd	0 bpd	
Stage 1 - Dakota			31 %			30 %
7977 to 8062	208 Mcf/d	196 Mcf/d		2 bpd	2 bpd	
Flow Contribution from Below Log Depth			2 %			2 %
8064 to Below	12 Mcf/d		2 %	0 bpd		2 %