

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 TRIPLICATE

JUL 21 2011

Farmington Field Office
Bureau of Land Management

1. Type of Well
Oil Well Gas Well ☒ Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No
PO Box 640 Aztec, NM 87410-0640 634-4208

4. Location of Well (Footage, Sec , T., R , M , or Survey Description)
SURF: 2395' FSL & 1720' FEL
BHL 2200' FSL & 700' FEL SEC 3 31N 6W

5. Lease Designation and Serial No.
NMSF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
Rosa Unit 169D COM

9. API Well No
30-039-30755

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

X Subsequent Report

Final Abandonment

Abandonment

Recompletion

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 #169D. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	52%	396 Mcf/d
Mancos	10%	78 Mcf/d
Dakota	38%	285 Mcf/d
Total	100%	759 Mcf/d



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

Signed Larry Higgins
Larry Higgins

Title PERMIT SUPERVISOR Date 7/20/11

(This space for Federal or State office use)

Approved by Joe Hewitt

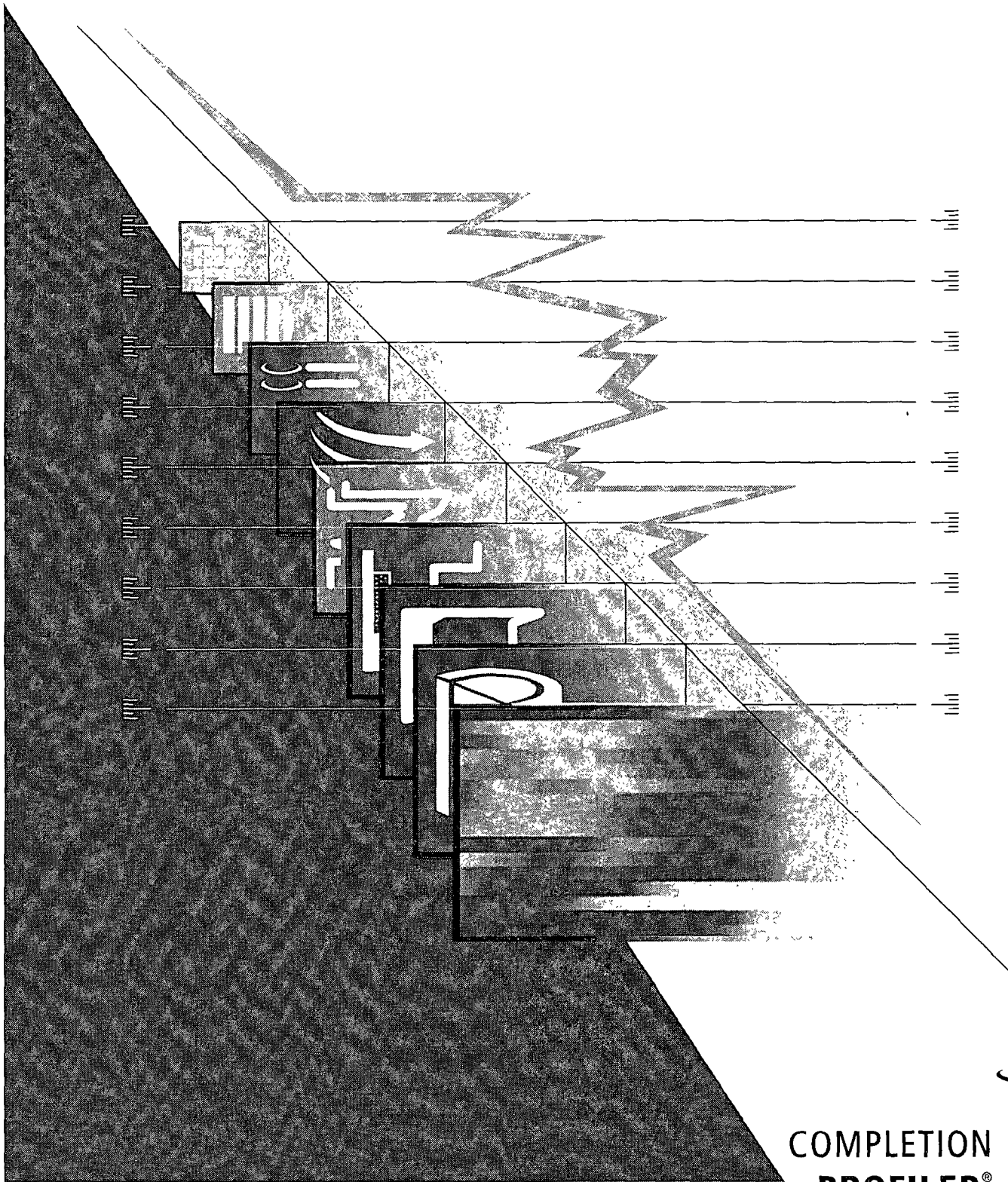
Title ECB

Date 7-22-11

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.

*Williams Production Company
Rosa Unit 169D*



COMPLETION
PROFILER®

MEASUREDSOLUTIONS



Completion Profile Analysis

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<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit 169D</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>June 14, 2011</i>
<i>Date of Analysis</i>	<i>June 17, 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.

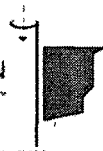


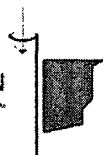
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Completion Profile Analysis

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Survey Objectives

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

Logging Procedures

Date	Time	Comment
06/14	05:45	Arrive on location
06/14	05:00	Gauge run start
06/14	06:00	Gauge run stop
06/14	06:34	Program Completion Profile String
06/14	06:41	Start GIH pass
06/14	07:03	Stop GIH pass
06/14	07:10	Start logging passes
06/14	09:40	Stop logging passes
06/14	09:45	Start out of well pass
06/14	10:04	Stop out of well pass
06/14	10:09	Start download
06/14	10:28	Stop download
06/14	10:40	Rig down

Interval Logged: [From 5,417 to 8,217 ft.]
60 ft/min
90 ft/min



Well Information

Casing: 5.5" 17.0 lb/ft surface to 8,258 ft PBTD: 8,250 ft

Tubing: 2.375" 4.7 lb/ft surface to 5,305 ft

Perforations: 5,582; 5,584; 5,586; 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; 5,628; 5,630;
5,632; 5,642; 5,644; 5,660; 5,662; 5,664; 5,666; 5,668; 5,674; 5,676;
5,678; 5,684; 5,686; 5,688; 5,690; 5,692; 5,694; 5,710; 5,712; 5,714;
5,716; 5,718; 5,722; 5,730; 5,732; 5,734; 5,736; 5,738; 5,768; 5,770;
5,772; 5,774; 5,776; 5,778 ft (Stage 5 - Cliff House/Menefee)

5,820; 5,824; 5,828; 5,832; 5,836; 5,840; 5,844; 5,848; 5,852; 5,856;
5,860; 5,864; 5,868; 5,872; 5,876; 5,880; 5,884; 5,888; 5,892; 5,900;
5,904; 5,908; 5,912; 5,916; 5,920; 5,928; 5,930; 5,936; 5,940; 5,944;
5,948; 5,952; 5,956; 5,960; 5,964; 6,000; 6,002; 6,007; 6,018; 6,037;
6,052; 6,054; 6,056; 6,058; 6,084; 6,086; 6,088; 6,090; 6,092; 6,094;
6,108; 6,110; 6,112; 6,118; 6,120; 6,128; 6,130; 6,160; 6,162; 6,164;
6,166; 6,168; 6,170; 6,196; 6,198 ft (Stage 4 - Point Lookout)

7,020; 7,030; 7,040; 7,050; 7,060; 7,070; 7,078; 7,086; 7,094; 7,102;
7,110; 7,116; 7,124; 7,132; 7,140; 7,146; 7,154; 7,162; 7,170; 7,178;
7,184; 7,190; 7,200; 7,210; 7,220; 7,228; 7,234; 7,240; 7,250 ft
(Stage 3 - Upper Mancos)

7,316; 7,324; 7,330; 7,336; 7,342; 7,350; 7,360; 7,366; 7,372; 7,379;
7,386; 7,392; 7,400; 7,408; 7,416; 7,422; 7,430; 7,440; 7,450; 7,460;
7,470; 7,480; 7,492; 7,544; 7,551; 7,558; 7,570; 7,580; 7,586; 7,592;
7,598 ft (Stage 2 - Lower Mancos)

8,054; 8,058; 8,062; 8,066; 8,070; 8,074; 8,078; 8,086; 8,092; 8,096;
8,100; 8,104; 8,108; 8,112; 8,116; 8,120; 8,124; 8,128; 8,132; 8,136;
8,140; 8,144; 8,148; 8,150; 8,154; 8,158; 8,164; 8,168; 8,172; 8,176;
8,180; 8,184; 8,188; 8,192; 8,196; 8,202; 8,206; 8,210; 8,214; 8,219;
8,224; 8,228; 8,234; 8,236 ft (Stage 1 - Dakota)

Flowing tubing pressure at the time of logging: 100 psi

Daily average surface production reported at the time of logging:

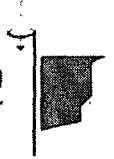
gas: 750 Mscf/d

water: N/A bpd



Completion Profile Analysis

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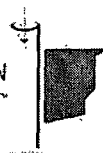
Tool String

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
08/20/10	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 5582	758 Mcf/d		100 %	3 bpd		100 %
Stage 5 - Cliff House/Menefee			47 %			48 %
5582 to 5778	758 Mcf/d	353 Mcf/d		3 bpd	1 bpd	
Stage 4 - Point Lookout			6 %			5 %
5820 to 6198	405 Mcf/d	43 Mcf/d		1 bpd	0 bpd	
Stage 3 - Upper Mancos			5 %			5 %
7020 to 7250	363 Mcf/d	38 Mcf/d		1 bpd	0 bpd	
Stage 2 - Lower Mancos			5 %			5 %
7316 to 7598	325 Mcf/d	40 Mcf/d		1 bpd	0 bpd	
Stage 1 - Dakota			36 %			34 %
8054 to 8214	285 Mcf/d	271 Mcf/d		1 bpd	1 bpd	
Flow Contribution from Below Log Depth			2 %			2 %
8217 to Below	14 Mcf/d		2 %	0 bpd		2 %