

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

5. Lease Designation and Serial No.
NMSF-078764
6. If Indian, Allottee or Tribe Name
Farmington Field Office
Bureau of Land Management

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well Gas Well ☒ Other

7. If Unit or CA, Agreement Designation
Rosa Unit

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

8. Well Name and No.
Rosa Unit 162C

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

9. API Well No
30-039-30719

4. Location of Well (Footage, Sec , T., R., M., or Survey Description)
935' FSL & 2200' FEL, T31N, R5W, Sec. 30

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

☒ Subsequent Report

Final Abandonment

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
☒ 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 #162C. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	60%	187 Mcf/d
Mancos	3%	10 Mcf/d
Dakota	37%	116 Mcf/d
Total	100%	313 Mcf/d



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

Signed Larry Higgins
Larry Higgins

Title Drilling COM Date 6/8/11

(This space for Federal or State office use)

Approved by Joe Herritt

Title Geo

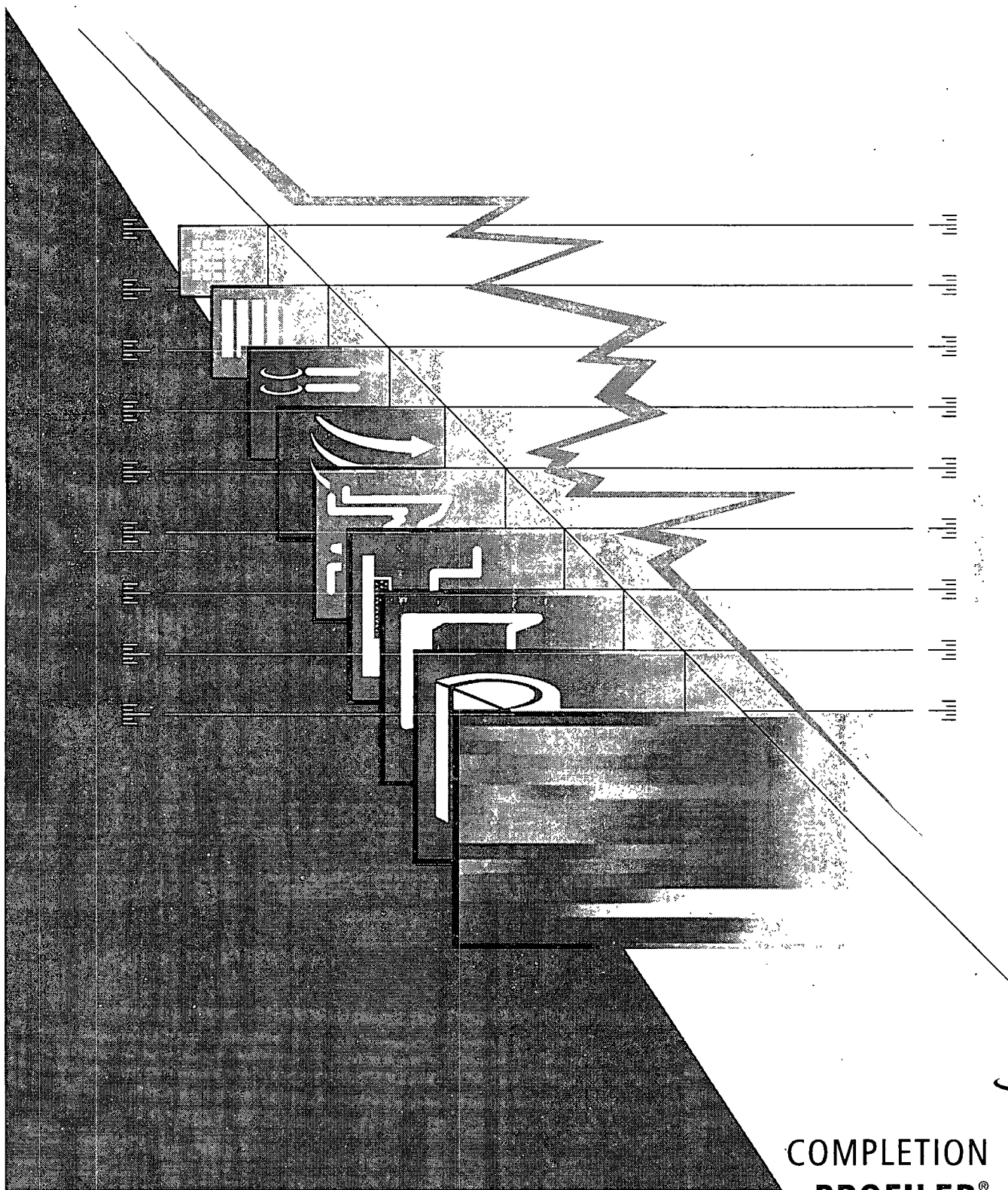
Date 6-10-11

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 #162C*

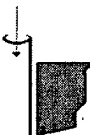


MEASUREDSOLUTIONS



Completion Profile Analysis

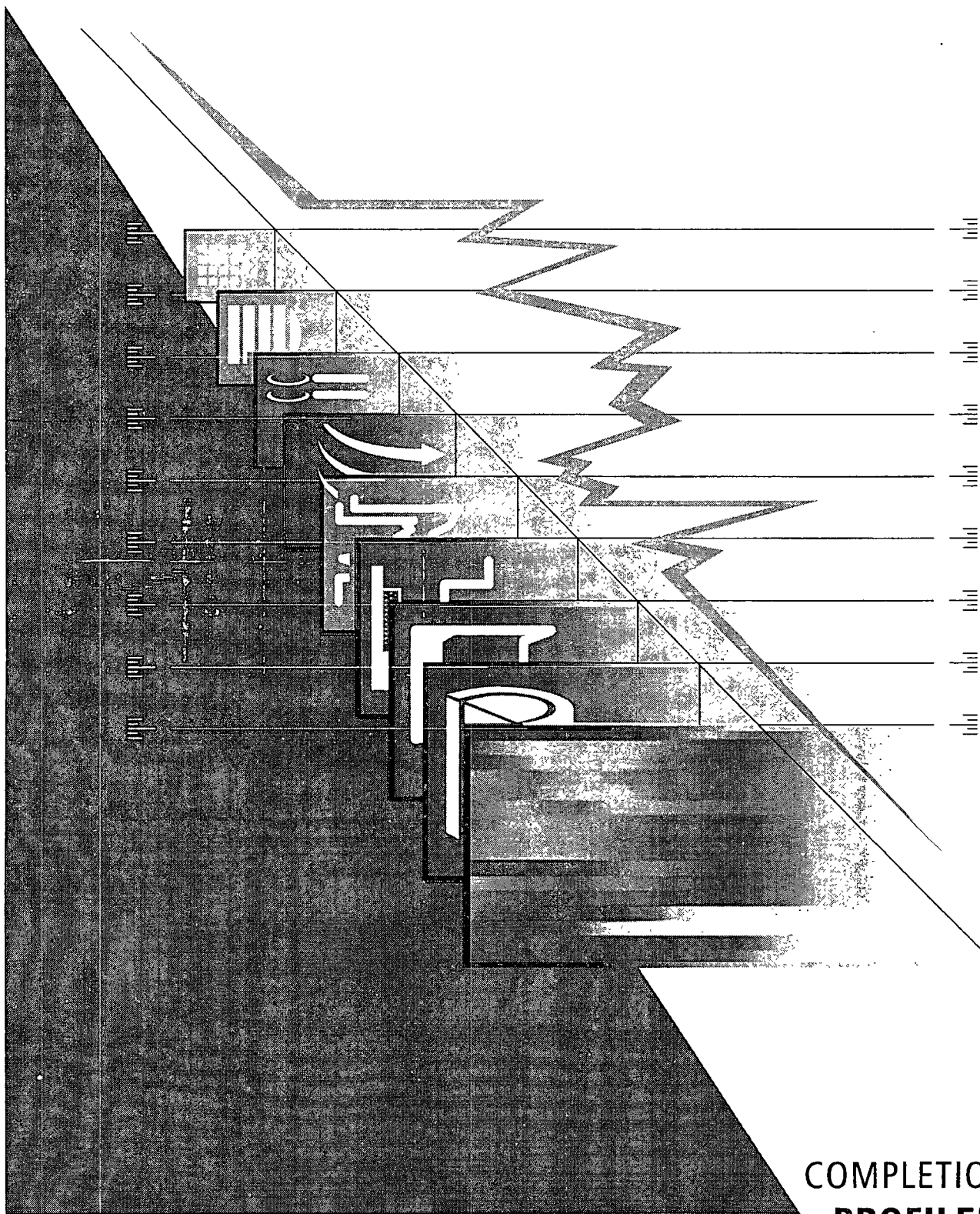
COMPLETION
PROFILER™



<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit #162C</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 27, 2011</i>
<i>Date of Analysis</i>	<i>June 2, 2011</i>
<i>Logging Engineer</i>	<i>Loren Healy</i>
<i>Analyst</i>	<i>Cole Hutchings</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.

Williams Production Company
Rosa Unit #162C



COMPLETION PROFILER®

MEASUREDSOLUTIONS



Completion Profile Analysis

COMPLETION
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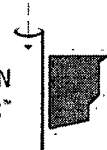
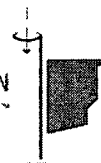


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Results

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 Total	Q-Water	Qp-Water	Percent of Total
feet	MCFD	MCFD		BFPD	BFPD	
Surface to 5185	315 Mcf/d		100 %	5 bpd		100 %
Stage 3 - Cliffhouse/Menfee			33 %			42 %
5185 to 5646	315 Mcf/d	104 Mcf/d		5 bpd	2 bpd	
Stage 2 - Point Lookout			27 %			34 %
5670 to 5960	211 Mcf/d	83 Mcf/d		3 bpd	2 bpd	
Stage 5 - Upper Mancos			1 %			2 %
6835 to 7075	127 Mcf/d	4 Mcf/d		1 bpd	0 bpd	
Stage 4 - Lower Mancos			2 %			3 %
7180 to 7340	123 Mcf/d	6 Mcf/d		1 bpd	0 bpd	
Stage 1 - Dakota			35 %			18 %
7922 to 7996	117 Mcf/d	111 Mcf/d		1 bpd	1 bpd	
Flow Contribution from Below Log Depth			2 %			1 %
7999 to Below	5 Mcf/d		2 %	0 bpd		1 %

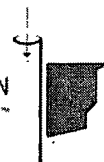


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Survey Objectives

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

Logging Procedures

Date	Time	Comment
05/27	06:30	Arrive on location
05/27	05:30	Gauge run start
05/27	06:30	Gauge run stop
05/27	07:15	Program Completion Profile String
05/27	07:48	Start GIH pass
05/27	08:07	Stop GIH pass
05/27	08:14	Start logging passes
05/27	11:44	Stop logging passes
05/27	11:49	Start out of well pass
05/27	12:07	Stop out of well pass
05/27	12:18	Start download
05/27	12:40	Stop download
05/27	13:00	Rig down

Interval Logged: [From 5,100 to 7,998 ft.]
 60 ft/min
 90 ft/min
 120 ft/min



Well Information

Casing: 5.5" 17.0 lb/ft surface to 8,044 ft

Tubing: 2.375" 4.7 lb/ft surface to 4,856 ft

Perforations: 5,185; 5,186; 5,187; 5,221; 5,224; 5,236; 5,238; 5,240; 5,242; 5,299;
5,300; 5,301; 5,460; 5,462; 5,464; 5,466; 5,470; 5,490; 5,492; 5,494;
5,520; 5,522; 5,524; 5,526; 5,528; 5,530; 5,532; 5,534; 5,536; 5,538;
5,570; 5,572; 5,574; 5,576; 5,590; 5,592; 5,594; 5,618; 5,620; 5,624;
5,625; 5,640; 5,642; 5,644; 5,646 ft
(Stage 3 – Cliff House/Menefee)

5,670; 5,673; 5,676; 5,680; 5,683; 5,686; 5,690; 5,694; 5,700; 5,705;
5,707; 5,710; 5,716; 5,720; 5,724; 5,728; 5,732; 5,737; 5,746; 5,754;
5,757; 5,760; 5,763; 5,767; 5,771; 5,776; 5,778; 5,782; 5,784; 5,788;
5,791; 5,796; 5,807; 5,809; 5,824; 5,828; 5,830; 5,834; 5,851; 5,853;
5,868; 5,872; 5,877; 5,883; 5,900; 5,902; 5,905; 5,911; 5,913; 5,916;
5,926; 5,929; 5,930; 5,942; 5,945; 5,946; 5,956; 5,958; 5,960 ft
(Stage 2 – Point Lookout)

6,835; 6,845; 6,875; 6,945; 6,955; 6,965; 6,990; 7,000; 7,005; 7,015;
7,025; 7,035; 7,045; 7,055; 7,065; 7,075 ft
(Stage 5 – Upper Mancos)

7,180; 7,190; 7,200; 7,215; 7,225; 7,235; 7,245; 7,260; 7,270; 7,280;
7,290; 7,300; 7,310; 7,320; 7,340 ft
(Stage 4 – Lower Mancos)

7,922; 7,925; 7,928; 7,931; 7,934; 7,937; 7,944; 7,950; 7,958; 7,966;
7,969; 7,972; 7,975; 7,978; 7,981; 7,984; 7,987; 7,990; 7,993; 7,996;
7,999; 8,002; 8,005; 8,008; 8,013; 8,019 ft
(Stage 1 – Dakota)

Flowing tubing pressure at the time of logging: 65 psi

Daily average surface production reported at the time of logging:

gas: 307 Mscf/d

water: N/A 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.

Well Log History

Log Date	Type of Survey
10/02/09	Completion Profiler



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The following table summarizes the production from each producing zone.

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