

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

5. Lease Designation and Serial No.
NMSF-078772

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

RECEIVED

JUL 21 2011

Farmington Field Office
Bureau of Land Management

If Unit or CA, Agreement Designation
Rosa Unit

1 Type of Well
Oil Well Gas Well X Other

8. Well Name and No
Rosa Unit 164C

2 Name of Operator
WILLIAMS PRODUCTION COMPANY

9 API Well No
30-039-30109

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

10. Field and Pool, or Exploratory Area
Blanco MV/Basin MC/ Basin DK

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sur 1840' FSL & 865' FEL - BHL: 204' FSL & 929' FEL, SEC 1, 31N, 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

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 #164C. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	67%	209	Mcf/d
Mancos	11%	33	Mcf/d
Dakota	22%	70	Mcf/d
Total	100%	312	Mcf/d



14 I hereby certify that the foregoing is true and correct

Signed Larry Higgins
Larry Higgins

Title Permit Supervisor

Date 7/21/11

(This space for Federal or State office use)

Approved by Joe Hewitt

Title Geo

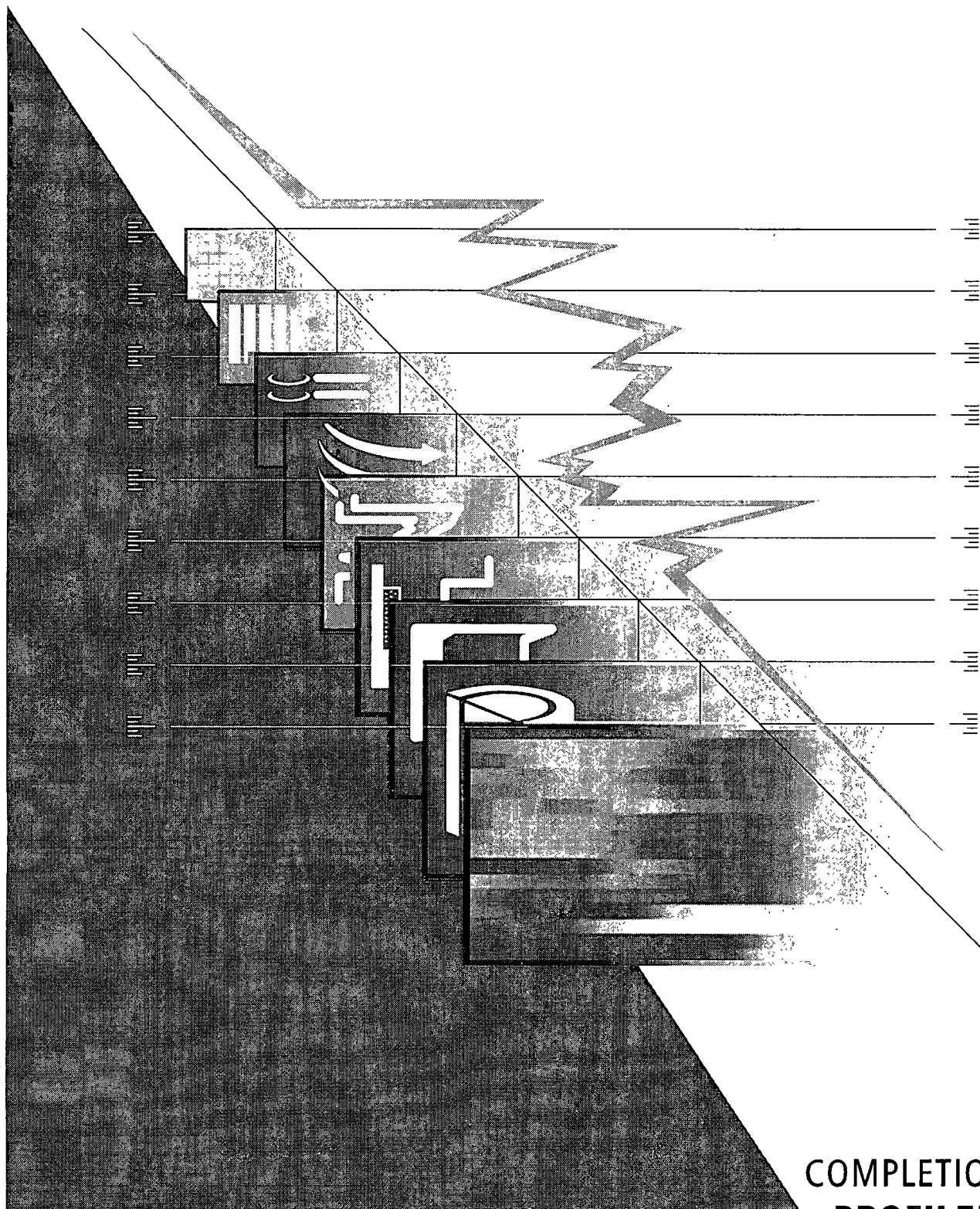
Date 7-22-11

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

NMOCB
R

*Williams Production Company
Rosa Unit #164C*



COMPLETION
PROFILER®

MEASURED SOLUTIONS



<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit #164C</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>July 1, 2011</i>
<i>Date of Analysis</i>	<i>July 6, 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.

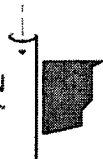
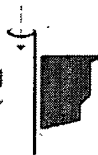


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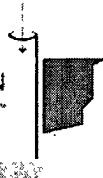
Survey Objectives

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

Logging Procedures

Date	Time	Comment
07/01	06:15	Arrive on location
07/01	05:30	Gauge run start
07/01	06:15	Gauge run stop
07/01	07:43	Program Completion Profile String
07/01	07:55	Start GIH pass
07/01	08:16	Stop GIH pass
07/01	08:23	Start logging passes
07/01	11:45	Stop logging passes
07/01	11:49	Start out of well pass
07/01	12:10	Stop out of well pass
07/01	12:15	Start download
07/01	12:39	Stop download
07/01	12:55	Rig down

Interval Logged: [From 5,423 to 8,353 ft.]
 60 ft/min
 90 ft/min
 120 ft/min



Well Information

Casing: 5.500" 17.0 lb/ft surface to 8,463 ft PBTD: 8,464 ft

Tubing: 2.375" 4.7 lb/ft surface to 5,345 ft

Perforations: 5,604; 5,606; 5,608; 5,650; 5,652; 5,684; 5,686; 5,706; 5,708; 5,716;
5,718; 5,720; 5,816; 5,818; 5,820; 5,822; 5,824; 5,850; 5,852; 5,854;
5,868; 5,870; 5,872; 5,874; 5,876; 5,878; 5,880; 5,882; 5,884; 5,886;
5,888; 5,890; 5,896; 5,898; 5,900; 5,902; 5,904; 5,906; 5,908; 5,910;
5,912; 5,914; 5,916; 5,964; 5,966; 5,968; 5,970; 5,972; 5,978; 5,980;
5,982; 5,990; 5,992; 5,994; 5,996; 5,998 ft
(Stage 5 - Cliff House/Menefee)

6,044; 6,048; 6,052; 6,066; 6,070; 6,074; 6,078; 6,082; 6,086; 6,090;
6,094; 6,098; 6,102; 6,106; 6,110; 6,114; 6,118; 6,122; 6,126; 6,130;
6,134; 6,138; 6,142; 6,146; 6,150; 6,154; 6,158; 6,162; 6,166; 6,170;
6,174; 6,178; 6,182; 6,186; 6,190; 6,194; 6,198; 6,202; 6,206; 6,328;
6,330; 6,332; 6,334; 6,336; 6,348; 6,350; 6,352; 6,354; 6,358; 6,360;
6,362; 6,368; 6,370; 6,372; 6,408; 6,410; 6,412 ft
(Stage 4 - Point Lookout)

7,204; 7,214; 7,230; 7,259; 7,267; 7,282; 7,294; 7,309; 7,319; 7,329;
7,337; 7,347; 7,359; 7,369; 7,379; 7,389; 7,399; 7,409; 7,417; 7,429;
7,441; 7,448; 7,458; 7,466; 7,476 ft (Stage 3 - Upper Mancos)

7,554; 7,560; 7,566; 7,579; 7,588; 7,594; 7,600; 7,606; 7,612; 7,618;
7,623; 7,632; 7,641; 7,649; 7,653; 7,660; 7,667; 7,677; 7,684; 7,690 ft
(Stage 2 - Lower Mancos)

8,303; 8,306; 8,309; 8,312; 8,315; 8,345; 8,348; 8,351; 8,354; 8,357;
8,360; 8,363; 8,366; 8,369; 8,372; 8,378; 8,386; 8,389; 8,392; 8,397;
8,400; 8,403; 8,411; 8,414; 8,417; 8,423; 8,426; 8,433; 8,438; 8,441 ft
(Stage 1 - Dakota)

Flowing tubing pressure at the time of logging: 113 psi

Daily average surface production reported at the time of logging:

gas: 310 Mscf/d

water: 4 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
08/04/2010	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 Total	Q-Water	Qp-Water	Percent of Total
feet	MCFD	MCFD		BFPD	BFPD	
Surface to 5604	313 Mcf/d		100 %	4 bpd		100 %
Stage 5 - Cliff House / Menefee			40 %			39 %
5604 to 5998	313 Mcf/d	126 Mcf/d		4 bpd	1 bpd	
Stage 4 - Point Lookout			27 %			20 %
6044 to 6412	187 Mcf/d	83 Mcf/d		2 bpd	1 bpd	
Stage 3 - Upper Mancos			2 %			10 %
7204 to 7476	104 Mcf/d	7 Mcf/d		2 bpd	0 bpd	
Stage 2 - Lower Mancos			8 %			9 %
7554 to 7690	96 Mcf/d	26 Mcf/d		1 bpd	0 bpd	
Stage 1 - Dakota			16 %			15 %
8303 to 8351	70 Mcf/d	49 Mcf/d		1 bpd	1 bpd	
Flow Contribution from Below Log Depth			7 %			7 %
8353 to Below	21 Mcf/d		7 %	0 bpd		7 %