

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-078769

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
Rosa Unit 153C

9. API Well No
30-039-30197

10. Field and Pool, or Exploratory Area
BLANCO MV/BASIN MC/BASIN DK

11. County or Parish, State
Rio Arriba, New Mexico

SUBMIT IN TRIPLICATE

RECEIVED

JUL 21 2011

1. Type of Well
Oil Well Gas Well ☒ Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

Farmington Field Office
Bureau of Land Management

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

4. Location of Well (Footage, Sec., T, R, M, or Survey Description)
Sur 1115' FNL & 1745' FWL
BHL: 1676' FNL & 2222' FEL, Sec 17, T31N, R5W NMPM

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 #153C. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	46%	161	Mcf/d
Mancos	34%	120	Mcf/d
Dakota	20%	68	Mcf/d
Total	100%	349	Mcf/d



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

Signed

Larry Higgins

Title PERMIT SUPVR

Date 7/20/11

(This space for Federal or State office use)

Approved by

Joe Hewitt

Title

Geo

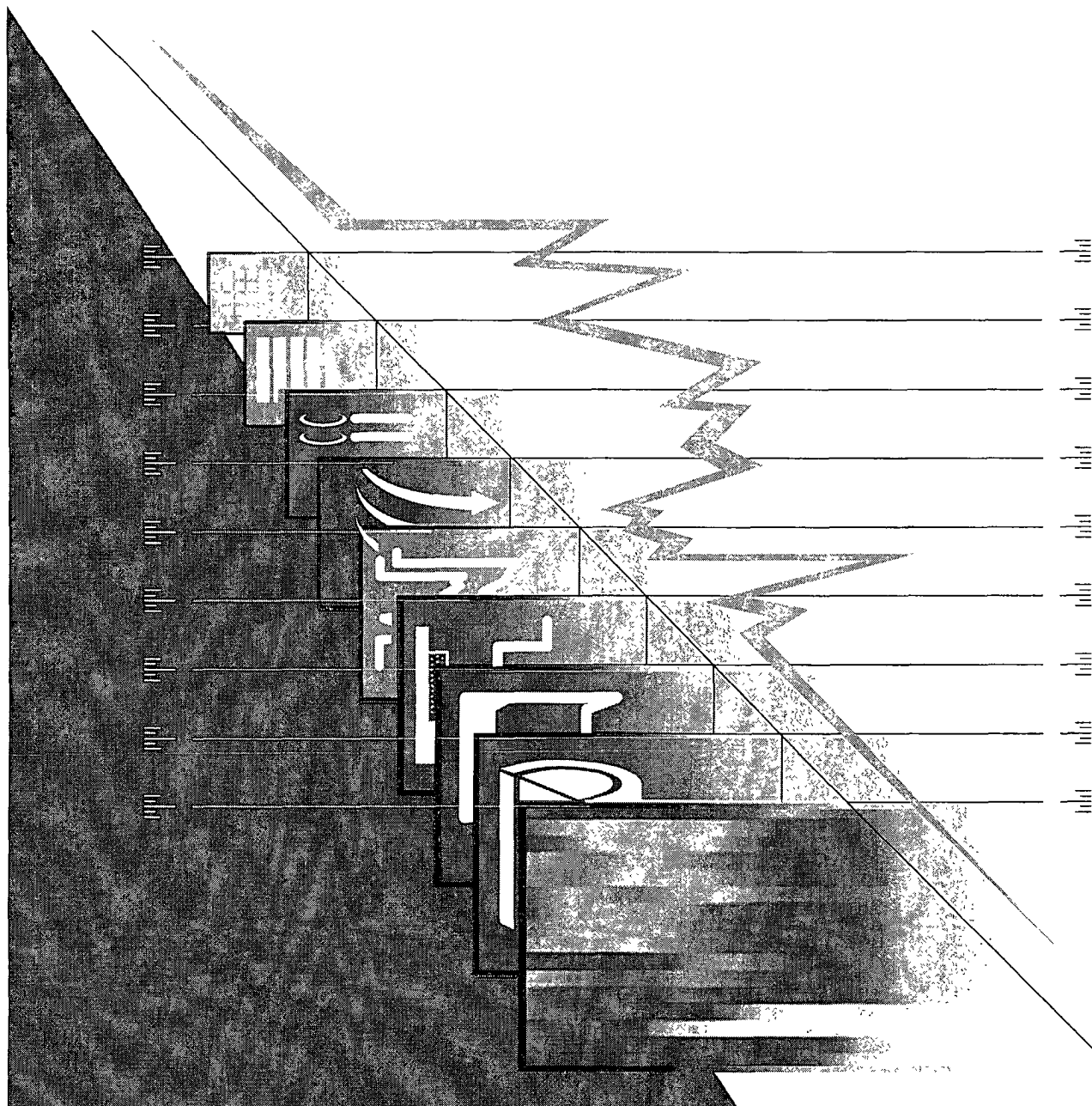
Date 7-22-11

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

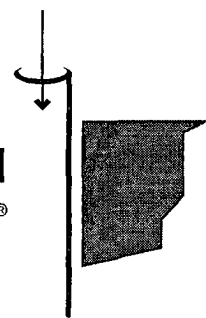
NMOC
A

*Williams Production Company
Rosa Unit 153C*



MEASURED SOLUTIONS

COMPLETION
PROFILER®





<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit 153C</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 16, 2011</i>
<i>Date of Analysis</i>	<i>June 21, 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.

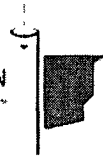


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Survey Objectives

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

Logging Procedures

Date	Time	Comment
06/16	04:50	Arrive on location
06/16	04:00	Gauge run start
06/16	04:45	Gauge run stop
06/16	05:21	Program Completion Profile String
06/16	05:30	Start GIH pass
06/16	05:55	Stop GIH pass
06/16	06:02	Start logging passes
06/16	08:07	Stop logging passes
06/16	08:14	Start out of well pass
06/16	08:38	Stop out of well pass
06/16	08:42	Start download
06/16	08:57	Stop download
06/16	09:15	Rig down

Interval Logged: [From 6,042 to 8,202 ft.]
60 ft/min
90 ft/min

Well Information

Casing: 5.5" 17.0 lb/ft surface to 8,323 ft PBDT: 8,240 ft

Tubing: 2.375" 4.7 lb/ft surface to 5,978 ft

Perforations: 6,134; 6,136; 6,138; 6,140; 6,145; 6,151; 6,156; 6,158; 6,164 ft
(Stage 5 - Mesaverde)

7,140; 7,150; 7,160; 7,180; 7,190; 7,200; 7,210; 7,220; 7,260; 7,280 ft
(Stage 4 - Mancos 2nd)

7,355; 7,365; 7,375; 7,385; 7,405; 7,415; 7,425; 7,455; 7,465; 7,475;
7,485; 7,515; 7,525 ft (Stage 3 - Mancos 1st)

8,116; 8,120; 8,124; 8,130; 8,134; 8,142; 8,150; 8,158; 8,166; 8,172;
8,178; 8,184; 8,190; 8,198; 8,206; 8,214; 8,218 ft (Stage 2 - Dakota)

8,266; 8,270; 8,274 ft (Stage 1 - Dakota)

Flowing tubing pressure at the time of logging: 71 psi

Daily average surface production reported at the time of logging:

gas: 250-370 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
06/17/09	SpectraScan
10/20/09	Completion Profiler
04/28/10	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 6134	349 Mcf/d		100 %	4 bpd		100 %
Stage 5 - Mesaverde			46 %			57 %
6134 to 6164	349 Mcf/d	161 Mcf/d		4 bpd	2 bpd	
Stage 4 - Mancos 2nd			28 %			16 %
7140 to 7280	188 Mcf/d	97 Mcf/d		2 bpd	1 bpd	
Stage 3 - Mancos 1st			7 %			7 %
7355 to 7525	91 Mcf/d	23 Mcf/d		1 bpd	0 bpd	
Stage 2 - Dakota			16 %			17 %
8116 to 8198	68 Mcf/d	55 Mcf/d		1 bpd	1 bpd	
Flow Contribution from Below Log Depth			4 %			4 %
8202 to Below	13 Mcf/d		4 %	0 bpd		4 %

Completion Profile Analysis

The following table summarizes the production from each producing interval.

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 6134	349 Mcf/d		100 %	4 bpd		100 %
Stage 5 - Mesaverde			46 %			57 %
6134 to 6134	349 Mcf/d	64 Mcf/d	18 %	4 bpd	1 bpd	14 %
6136 to 6136	285 Mcf/d	41 Mcf/d	12 %	3 bpd	1 bpd	14 %
6138 to 6138	244 Mcf/d	30 Mcf/d	8 %	3 bpd	0 bpd	12 %
6140 to 6140	215 Mcf/d	12 Mcf/d	3 %	2 bpd	0 bpd	12 %
6145 to 6145	203 Mcf/d	3 Mcf/d	1 %	2 bpd	0 bpd	1 %
6151 to 6151	201 Mcf/d	3 Mcf/d	1 %	2 bpd	0 bpd	1 %
6156 to 6156	198 Mcf/d	4 Mcf/d	1 %	2 bpd	0 bpd	1 %
6158 to 6158	194 Mcf/d	2 Mcf/d	1 %	2 bpd	0 bpd	1 %
6164 to 6164	192 Mcf/d	4 Mcf/d	1 %	2 bpd	0 bpd	1 %
Stage 4 - Mancos 2nd			28 %			16 %
7140 to 7140	188 Mcf/d	12 Mcf/d	3 %	2 bpd	0 bpd	1 %
7150 to 7150	176 Mcf/d	8 Mcf/d	2 %	2 bpd	0 bpd	1 %
7160 to 7160	168 Mcf/d	9 Mcf/d	3 %	2 bpd	0 bpd	1 %
7180 to 7180	158 Mcf/d	9 Mcf/d	3 %	1 bpd	0 bpd	2 %
7190 to 7190	149 Mcf/d	8 Mcf/d	2 %	1 bpd	0 bpd	1 %
7200 to 7200	141 Mcf/d	9 Mcf/d	3 %	1 bpd	0 bpd	2 %
7210 to 7210	131 Mcf/d	8 Mcf/d	2 %	1 bpd	0 bpd	1 %
7220 to 7220	123 Mcf/d	9 Mcf/d	3 %	1 bpd	0 bpd	2 %
7260 to 7260	114 Mcf/d	15 Mcf/d	4 %	1 bpd	0 bpd	2 %
7280 to 7280	99 Mcf/d	8 Mcf/d	2 %	1 bpd	0 bpd	1 %
Stage 3 - Mancos 1st			7 %			7 %
7355 to 7355	91 Mcf/d	0 Mcf/d	0 %	1 bpd	0 bpd	0 %
7365 to 7365	91 Mcf/d	0 Mcf/d	0 %	1 bpd	0 bpd	0 %
7375 to 7375	91 Mcf/d	0 Mcf/d	0 %	1 bpd	0 bpd	0 %
7385 to 7385	90 Mcf/d	0 Mcf/d	0 %	1 bpd	0 bpd	0 %
7405 to 7405	90 Mcf/d	0 Mcf/d	0 %	1 bpd	0 bpd	0 %
7415 to 7415	90 Mcf/d	0 Mcf/d	0 %	1 bpd	0 bpd	0 %
7425 to 7425	89 Mcf/d	19 Mcf/d	5 %	1 bpd	0 bpd	5 %
7455 to 7455	70 Mcf/d	0 Mcf/d	0 %	1 bpd	0 bpd	0 %