

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-078766

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well Gas Well ☒ Other

8. Well Name and No.
Rosa Unit 165D

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-30690

3. Address and Telephone No
PO Box 640 Aztec, NM 87410-0640 505-634-4208

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

4. Location of Well (Footage, Sec, T., R., M, or Survey Description)
SUR 1280' FNL & 1635' FWL
BHL 737' FNL & 1039' FWL SEC 25 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

Notice of Intent
☒ Subsequent Report
Final Abandonment

TYPE OF ACTION

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 #165D. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	77%	380 Mcf/d
Mancos	12%	57 Mcf/d
Dakota	11%	54 Mcf/d
Total	100%	491 Mcf/d



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

Signed

Larry Higgins

Title PERMIT SUPRV

7/20/11

(This space for Federal or State office use)

Approved by

Joe Hewitt

Title

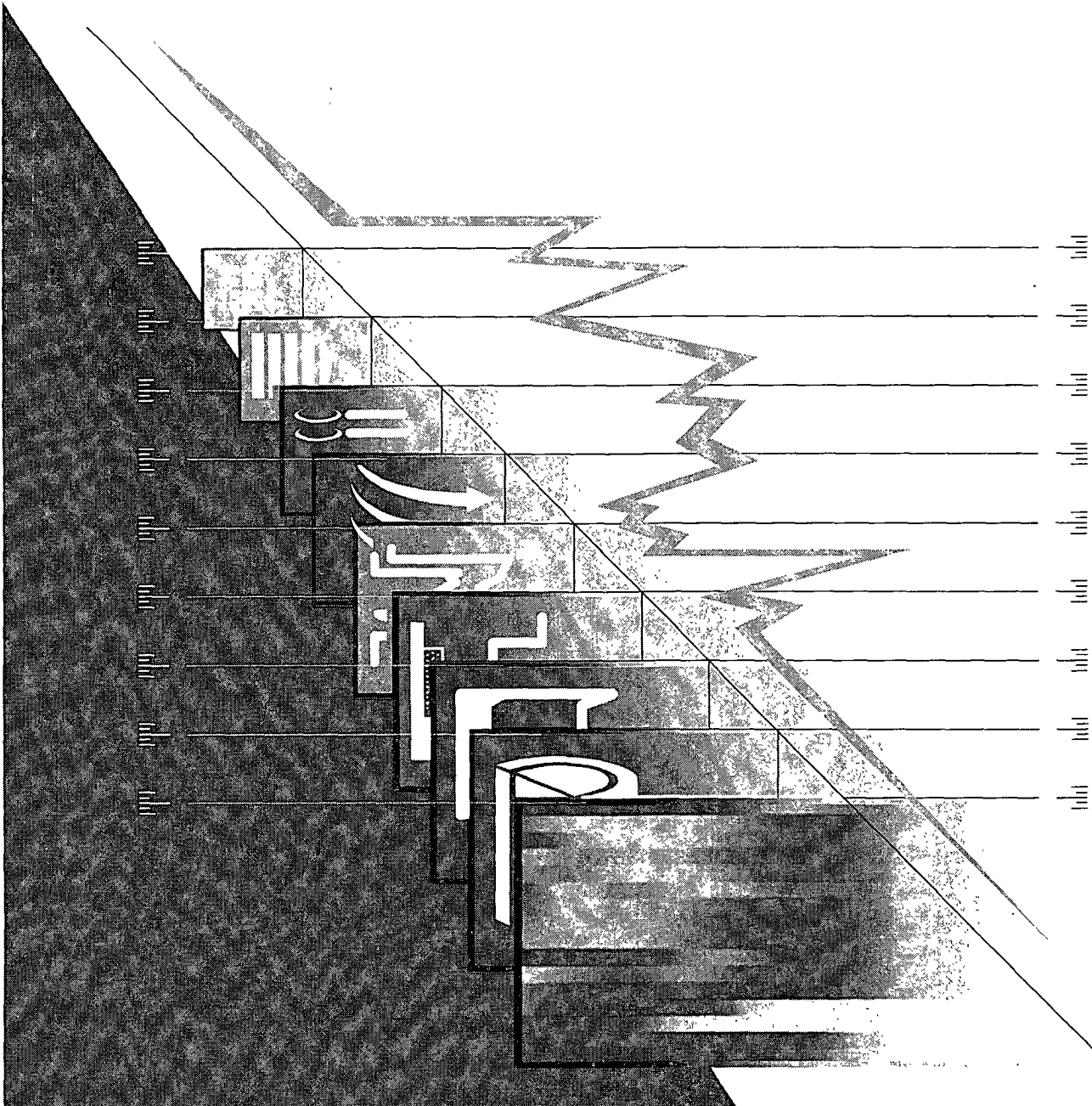
Geo

Date

7.22.11

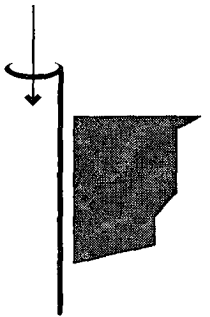
Conditions of approval, if any:

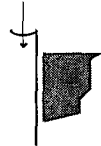
*Williams Production Company
Rosa Unit #165D*



MEASURED SOLUTIONS

COMPLETION
PROFILER®





<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit 165D</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 1, 2011</i>
<i>Date of Analysis</i>	<i>June 6, 2011</i>
<i>Logging Engineer</i>	<i>Loren Healy</i>
<i>Analyst</i>	<i>Mark Warren</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.

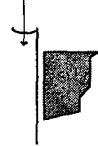
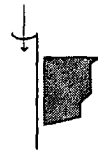


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Survey Objectives

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

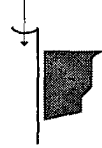
Logging Procedures

Date	Time	Comment
6-1	6:20	Arrive on location
6-1	5:20	Gauge Run Start
6-1	6:00	Gauge Run Stop
6-1	7:30	Program Completion Profile String
6-1	7:57	Start GIH pass
6-1	8:18	Stop GIH pass
6-1	8:30	Start logging passes
6-1	11:01	Stop logging passes
6-1	11:06	Start out of well pass
6-1	11:26	Stop out of well pass
6-1	11:31	Start download
6-1	11:45	Stop download
6-1	12:00	Rig Down

Interval Logged: [From 5,400 to 8,069 ft.]
 60 ft/min
 90 ft/min
 120 ft/min



Completion Profile Analysis



Well Information

Casing: 5.50" 17.0 lb/ft surface to 8,123 ft PBD: 8,120 ft

Tubing: 2.38" 4.7 lb/ft surface to 5,276 ft

Perforations: 5,534; 5,536; 5,538; 5,544; 5,546; 5,548; 5,578; 5,580; 5,582; 5,584;
5,586; 5,588; 5,596; 5,598; 5,600; 5,602; 5,604; 5,606; 5,608; 5,610;
5,624; 5,626; 5,628; 5,630; 5,638; 5,640; 5,642; 5,644; 5,646; 5,648;
5,650; 5,652; 5,654; 5,656; 5,716; 5,718; 5,720; 5,722; 5,754; 5,756;
5,758; 5,760; 5,762; 5,764; 5,766; 5,768 ft (Stage 5 - Cliffhouse/Menefee)

5,800; 5,804; 5,808; 5,812; 5,816; 5,820; 5,824; 5,828; 5,832; 5,836;
5,840; 5,844; 5,848; 5,856; 5,860; 5,864; 5,868; 5,874; 5,878; 5,882;
5,886; 5,890; 5,894; 5,898; 5,926; 5,928; 5,930; 5,942; 5,944; 5,946;
5,948; 5,950; 5,964; 5,966; 5,968; 5,974; 5,976; 5,980; 5,982; 5,998;
6,000; 6,002; 6,004; 6,024; 6,026; 6,028; 6,030 ft
(Stage 4 - Point Lookout)

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;
7,160; 7,180; 7,190; 7,200 ft (Stage 3 - Upper Mancos)

7,270; 7,275; 7,280; 7,287; 7,291; 7,300; 7,309; 7,315; 7,324; 7,331;
7,339; 7,350; 7,360; 7,375; 7,379; 7,384; 7,392; 7,400; 7,410; 7,420;
7,430; 7,434; 7,440 ft (Stage 2 - Lower Mancos)

8,018; 8,021; 8,024; 8,027; 8,030; 8,033; 8,036; 8,062; 8,065; 8,068;
8,071; 8,074; 8,077; 8,087; 8,090; 8,097; 8,100; 8,107; 8,110; 8,113;
8,115; 8,117 ft (Stage 1 - Dakota)

Flowing tubing pressure at the time of logging: 67 psi

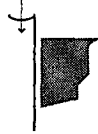
Daily average surface production reported at the time of logging:

gas: 510 Mscf/d

water: 2 bpd



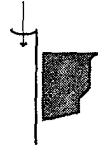
Completion Profile Analysis



Tool String

The 1 11/16" Completion Profiler string comprised the following sensors:

Battery housing; RS-232/CCL; Memory/CPU; Pressure/Temperature Combo; Gamma Ray; Centralizer; Induction Collar Locator; Fluid Density; Centralizer; Spinner Flowmeter.



Results

The following table summarizes the production from each frac 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 5534	491 Mcf/d		100 %	5 bpd		100 %
Cliffhouse/Menefee - Stage 5			44 %			42 %
5534 to 5768	491 Mcf/d	214 Mcf/d		5 bpd	2 bpd	
Point Lookout - Stage 4			34 %			33 %
5800 to 6030	277 Mcf/d	166 Mcf/d		3 bpd	2 bpd	
Upper Mancos - Stage 3			8 %			8 %
6960 to 7200	111 Mcf/d	37 Mcf/d		1 bpd	0 bpd	
Lower Mancos - Stage 2			4 %			6 %
7270 to 7440	74 Mcf/d	20 Mcf/d		1 bpd	0 bpd	
Dakota - Stage 1			11 %			10 %
8018 to 8068	54 Mcf/d	53 Mcf/d		1 bpd	1 bpd	
Flow Contribution from Below Log Depth			0 %			0 %
8069 to Below	1 Mcf/d		0 %	0 bpd		0 %