

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-078765

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
Rosa Unit

1. Type of Well
Oil Well Gas Well ☒ Other

8 Well Name and No
Rosa Unit 180D

2 Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-045-34988

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)
SURF. 935' FSL & 1935' FWL
BHL: 2303' FSL & 1863' FWL SEC 9 31N 6W

11 County or Parish, State
San Juan, 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 #180D. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	51%	556 Mcf/d
Mancos	20%	220 Mcf/d
Dakota	29%	312 Mcf/d
Total	100%	1088 Mcf/d



14 I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title PERMIT SUPRV

Date 7/20/11

(This space for Federal or State office use)

Approved by

Joe Hewitt

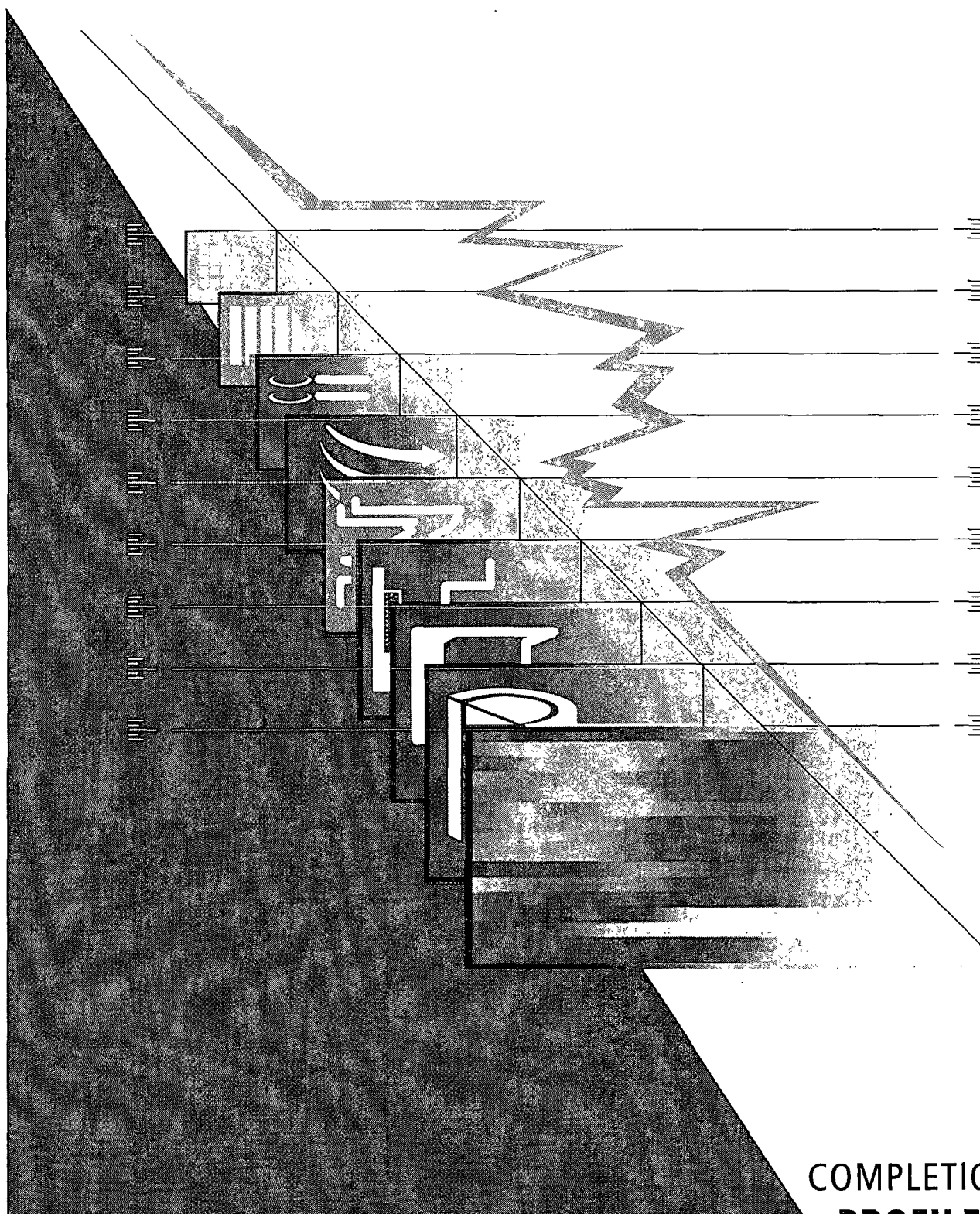
Title

GEO

Date 7-22-11

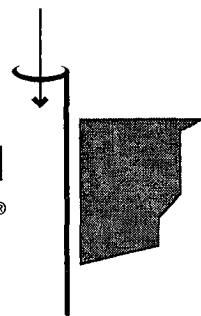
Conditions of approval, if any.

Williams Production Company
Rosa Unit #180D



MEASURED SOLUTIONS

COMPLETION
PROFILER®





Completion Profile Analysis

COMPLETION
PROFILER™



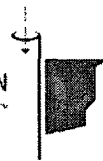
<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit #180D</i>
<i>Field</i>	<i>Blanco Mesaverde/Basin Dakota</i>
<i>Location</i>	<i>San Juan County, New Mexico</i>
<i>Customer Name</i>	<i>Michael Andrews</i>
<i>Date of Survey</i>	<i>May 24, 2011</i>
<i>Date of Analysis</i>	<i>May 31, 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.



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Survey Objectives

- Identify the source of water production.
- Check for plug leak or channel.
- Identify gas producing intervals.
- Quantitative production profile.

Logging Procedures

Date	Time	Comment
05/24	06:20	Arrive on location
05/24	05:40	Gauge run start
05/24	06:20	Gauge run stop
05/24	07:54	Program Completion Profile String
05/24	08:06	Start GIH pass
05/24	08:36	Stop GIH pass
05/24	08:43	Start logging passes
05/24	12:08	Stop logging passes
05/24	12:14	Start out of well pass
05/24	12:36	Stop out of well pass
05/24	12:43	Start download
05/24	13:05	Stop download
05/24	13:30	Rig down

Interval Logged: [From 5,644 to 8,319 ft.]
 60 ft/min
 90 ft/min
 120 ft/min



Well Information

Casing: 5.5" 17.0 lb/ft surface to 7,968 ft

Liner: 3.5" 9.5 lb/ft 7,746 ft to 8,413 ft PBTD: 8,415 ft

Tubing: 2.375" 4.7 lb/ft surface to 5,580 ft

Perforations: 5,778; 5,780; 5,782; 5,784; 5,786; 5,788; 5,790; 5,792; 5,794; 5,796;
5,798; 5,800; 5,802; 5,804; 5,806; 5,808; 5,810; 5,812; 5,814; 5,816;
5,818; 5,820; 5,822; 5,824; 5,856; 5,858; 5,860; 5,862; 5,864; 5,866;
5,868; 5,870; 5,872; 5,874; 5,876; 5,878; 5,880; 5,882; 5,892; 5,894;
5,910; 5,930; 5,944; 5,946; 5,948; 5,952; 5,960; 5,964; 5,980; 5,982;
5,984; 5,986; 5,988; 5,990 ft
(Stage 5 – Cliffhouse/Menefee)

6,020; 6,024; 6,028; 6,032; 6,036; 6,040; 6,044; 6,048; 6,052; 6,056;
6,060; 6,064; 6,068; 6,072; 6,076; 6,080; 6,084; 6,088; 6,092; 6,096;
6,100; 6,104; 6,108; 6,112; 6,116; 6,120; 6,124; 6,130; 6,136; 6,140;
6,152; 6,156; 6,172; 6,174; 6,178; 6,183; 6,197; 6,199; 6,234; 6,236;
6,238; 6,240; 6,260; 6,262; 6,264; 6,266; 6,268; 6,278; 6,280; 6,282;
6,288; 6,290; 6,292; 6,294; 6,296; 6,298; 6,300; 6,302; 6,310; 6,312;
6,314; 6,322; 6,324; 6,326; 6,340; 6,342; 6,344; 6,366; 6,368; 6,395;
6,414; 6,416; 6,418 ft
(Stage 4 – Point Lookout)

7,200; 7,210; 7,220; 7,230; 7,240; 7,250; 7,260; 7,270; 7,280; 7,290;
7,300; 7,310; 7,320; 7,330; 7,340; 7,350; 7,360; 7,370; 7,380; 7,390;
7,400; 7,410; 7,420; 7,430; 7,440; 7,450 ft
(Stage 3 – Upper Mancos)

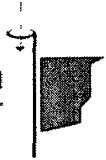
7,517; 7,523; 7,531; 7,539; 7,550; 7,560; 7,570; 7,580; 7,590; 7,598;
7,610; 7,616; 7,620; 7,630; 7,640; 7,650; 7,660; 7,666; 7,670; 7,680;
7,690; 7,700 ft
(Stage 2 – Lower Mancos)

8,272; 8,276; 8,280; 8,284; 8,288; 8,292; 8,312; 8,316; 8,320; 8,324;
8,328; 8,332; 8,336; 8,340; 8,344; 8,348; 8,352; 8,358; 8,362; 8,366;
8,378; 8,382; 8,386; 8,390 ft
(Stage 1 – Dakota)



Completion Profile Analysis

COMPLETION
PROFILER™



Flowing tubing pressure at the time of logging: 142 psi

Daily average surface production reported at the time of logging:

gas: 1,080 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
06/18/10	Completion Profiler

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	Q-Water	Qp-Water	Percent of
feet	MCFD	MCFD	Total	BFPD	BFPD	Total
Surface to 5778	1087 Mcf/d		100 %	5 bpd		100 %
Stage 5 - Cliffhouse/Menefee			18 %			18 %
5778 to 5990	1087 Mcf/d	196 Mcf/d		5 bpd	1 bpd	
Stage 4 - Point Lookout			33 %			33 %
6020 to 6418	891 Mcf/d	360 Mcf/d		4 bpd	2 bpd	
Stage 3 - Upper Mancos			5 %			5 %
7200 to 7450	531 Mcf/d	58 Mcf/d		2 bpd	0 bpd	
Stage 2 - Lower Mancos			15 %			15 %
7517 to 7700	473 Mcf/d	162 Mcf/d		2 bpd	1 bpd	
Stage 1 - Dakota			20 %			20 %
8272 to 8316	311 Mcf/d	223 Mcf/d		1 bpd	1 bpd	
Flow Contribution from Below Log Depth			8 %			8 %
8319 to Below	89 Mcf/d		8 %	0 bpd		8 %