

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

RECEIVED

SUBMIT IN TRIPLICATE

JUL 21 2011

Farmington Field Office
Bureau of Land Management

1 Type of Well
Oil Well Gas Well ☒ Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

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

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
1055' FSL & 250' FEL SEC 35 32N 6W
1954' FSL & 637' FEL

5 Lease Designation and Serial No
NMSF-078772

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
Rosa Unit 091D

9. API Well No
30-039-30763

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

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 #91D. Based on the results obtained, Williams proposes the following allocation:

Mesaverde	54%	216	Mcf/d
Mancos	31%	124	Mcf/d
Dakota	15%	59	Mcf/d
Total	100%	399	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 Hunt

Title

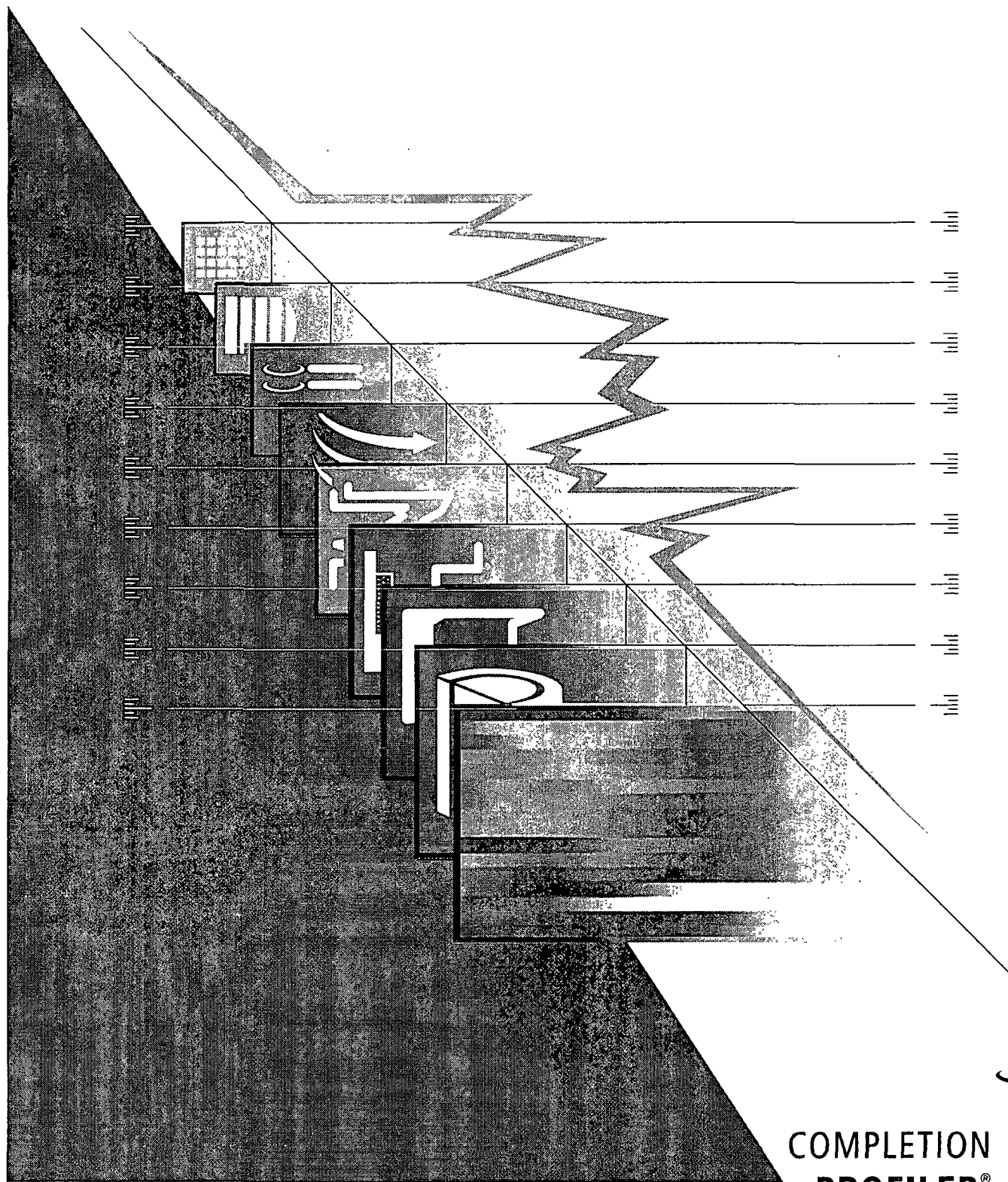
Geo

Date 7-22-11

Conditions of approval, if any:

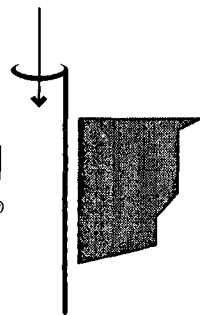
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

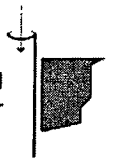
Williams Production Company
Rosa Unit #91D



MEASURED SOLUTIONS

COMPLETION
PROFILER®





<i>Company</i>	<i>Williams Production Company</i>
<i>Well Name</i>	<i>Rosa Unit #91D</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 21, 2011</i>
<i>Date of Analysis</i>	<i>June 24, 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.

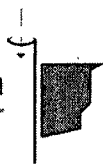


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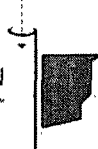
Survey Objectives

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

Logging Procedures

Date	Time	Comment
06/21	07:30	Arrive on location
06/21	06:30	Gauge run start
06/21	07:30	Gauge run stop
06/21	08:42	Program Completion Profile String
06/21	08:50	Start GIH pass
06/21	09:09	Stop GIH pass
06/21	09:16	Start logging passes
06/21	11:34	Stop logging passes
06/21	11:40	Start out of well pass
06/21	11:59	Stop out of well pass
06/21	12:02	Start download
06/21	12:18	Stop download
06/21	12:30	Rig down

Interval Logged: [From 5,009 to 7,502 ft.]
60 ft/min
90 ft/min



Well Information

Casing: 5.5" 17.0 lb/ft surface to 8,194 ft PBTD: 8,164 ft

Tubing: 2.375" 4.7 lb/ft surface to 5,000 ft

Perforations: 5,314; 5,316; 5,318; 5,333; 5,335; 5,341; 5,343; 5,357; 5,369; 5,371;
5,375; 5,377; 5,397; 5,399; 5,401; 5,418; 5,420; 5,441; 5,443; 5,498;
5,500; 5,528; 5,530; 5,541; 5,543; 5,573; 5,575; 5,580; 5,582; 5,584;
5,590; 5,592; 5,594; 5,596; 5,598; 5,600; 5,602; 5,604; 5,606; 5,608;
5,610; 5,612; 5,614; 5,616; 5,638; 5,640; 5,642; 5,644; 5,650; 5,652;
5,654; 5,676; 5,678; 5,681; 5,683 ft
(Stage 5 – Cliff House/Menefee)

5,777; 5,779; 5,781; 5,783; 5,785; 5,787; 5,789; 5,791; 5,793; 5,795;
5,797; 5,799; 5,801; 5,807; 5,809; 5,811; 5,813; 5,815; 5,821; 5,823;
5,825; 5,827; 5,829; 5,835; 5,837; 5,839; 5,841; 5,843; 5,845; 5,847;
5,849; 5,857; 5,859; 5,861; 5,866; 5,868; 5,870; 5,872; 5,877; 5,879;
5,881; 5,885; 5,887; 5,889; 5,891; 5,893; 5,906; 5,908; 5,912; 5,914;
5,916; 5,920; 5,922; 5,924; 5,926; 5,928; 5,930; 5,932; 5,934; 5,936;
5,938; 5,945; 5,952; 5,987; 5,997; 6,006; 6,042; 6,044; 6,046; 6,048;
6,050 ft
(Stage 4 – Point Lookout)

6,976; 6,986; 6,996; 7,006; 7,016; 7,026; 7,036; 7,046; 7,056; 7,066;
7,074; 7,084; 7,090; 7,096; 7,106; 7,113; 7,120; 7,130; 7,140; 7,150;
7,158; 7,166; 7,176; 7,186; 7,196; 7,206; 7,213 ft
(Stage 3 – Upper Mancos)

7,279; 7,287; 7,297; 7,305; 7,312; 7,316; 7,320; 7,325; 7,330; 7,338;
7,346; 7,354; 7,360; 7,364; 7,368; 7,376; 7,382; 7,386; 7,391; 7,398;
7,404; 7,409; 7,419; 7,430; 7,436; 7,447 ft
(Stage 2 – Lower Mancos)

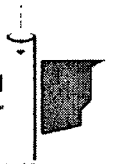
8,062; 8,066; 8,070; 8,074; 8,078; 8,082; 8,110; 8,114; 8,116; 8,118;
8,122; 8,126; 8,130; 8,134; 8,136; 8,138; 8,142; 8,146; 8,154; 8,156;
8,158 ft
(Stage 1 – Dakota)

Flowing tubing pressure at the time of logging: 80 psi

Daily average surface production reported at the time of logging:

gas: 398 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
08/24/10	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 5314	400 Mcf/d		100 %	4 bpd		100 %
Stage 5 - Cliff House/Menefee			27 %			29 %
5314 to 5683	400 Mcf/d	107 Mcf/d		4 bpd	1 bpd	
Stage 4 - Point Lookout			27 %			30 %
5777 to 6050	292 Mcf/d	109 Mcf/d		3 bpd	1 bpd	
Stage 3 - Upper Mancos			25 %			27 %
6976 to 7213	184 Mcf/d	101 Mcf/d		2 bpd	1 bpd	
Stage 2 - Lower Mancos			6 %			6 %
7279 to 7447	83 Mcf/d	23 Mcf/d		1 bpd	0 bpd	
Flow Contribution from Below Log Depth			15 %			7 %
7502 to Below	59 Mcf/d		15 %	0 bpd		7 %

Would this ↑ be ↑
the DR?