In Lieu of Form 3160 (June 1990)

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 IN Field Off SE-078765

Lease Designation and Serial No.

	TO DRILL" for permit for such proposals	อน reau of Land Managemen เ 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 X Other	8. Well Name and No. Rosa Unit 035D
2	Name of Operator WILLIAMS PRODUCTION COMPANY	9 API Well No 30-045-34989
3	Address and Telephone No. PO Box 640 Aztec, NM 87410-0640	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) 1020' FSL & 705' FEL 1281' FSL & 320' FEL SEC 5, 31N 6W	County or Parish, State San Juan New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TY	/PE 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 #35D. Based on the results obtained, Williams proposes the following allocation:

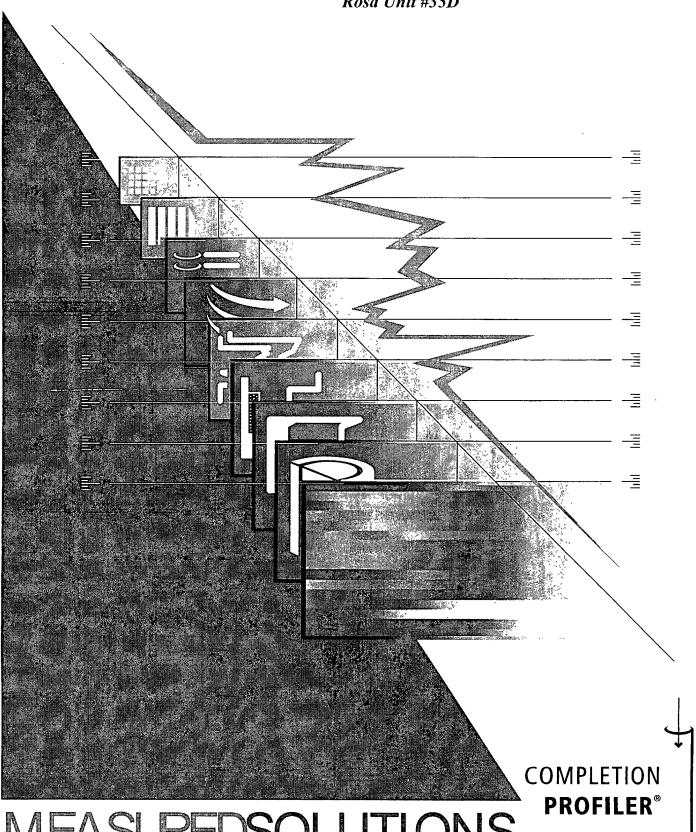
Mesaverde	84%	682	Mcf/d
Mancos	5%	39	Mcf/d
Dakota	11%	90	Mcf/d
Total	100%	811	Mcf/d



14.	Signed Larry Higgsins	Title Permit Suprv Date 5/25/11	
	(This space for Federal or State office use) Approved by Yew Tonditions of approval, if any	Title <u>GL</u>	Date 5-26-11

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 #35D



SOLUTIONS





Company | Williams Production Company

Well Name | Rosa Unit #35D

Field | Blanco Mesaverde/Basin Dakota

Location | San Juan County, New Mexico

Customer Name | Justin Stolworthy

Date of Survey | May 18, 2011

Date of Analysis | May 23, 2011

Logging Engineer | Loren Healy

Analyst | Derrick George

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
05/18	11:15	Arrive on location
05/18	10:00	Gauge Run Start
05/18	11:00	Gauge Run Stop
05/18	16:55	Program Completion Profile String
05/18	17:04	Start GIH pass
05/18	17:25	Stop GIH pass
05/18	17:31	Start logging passes
05/18	20:10	Stop logging passes
05/18	20:16	Start out of well pass
05/18	20:36	Stop out of well pass
05/18	20:43	Start download
05/18	21:01	Stop download
05/18	21:20	Rig Down

Interval Logged: [From 5,178 to 7,964 ft.]

60 ft/min 90 ft/min





Well Information

Casing: 5.50" 17.0 lb/ft surface to 8,013 ft PBTD: 8,007 ft

Tubing: 2.38" 4.7 lb/ft surface to 5,101 ft

Perforations: 5,278; 5,282; 5,286; 5,290; 5,294; 5,298; 5,302; 5,306; 5,310; 5,322;

> 5,326; 5,330; 5,334; 5,338; 5,340; 5,342; 5,344; 5,346; 5,350; 5,354; 5,358; 5,362; 5,366; 5,370; 5,374; 5,378; 5,382; 5,386; 5,390; 5,394; 5,398; 5,402; 5,406; 5,410; 5,414; 5,418; 5,422; 5,426; 5,430; 5,434; 5,438; 5,442; 5,446; 5,450; 5,454; 5,458; 5,462; 5,466; 5,470; 5,474;

5,478; 5,482; 5,486; 5,490; 5,494; 5,550; 5,554; 5,558; 5,562; 5,566;

5.575 ft (Stage 5 - Cliffhouse/Menefee)

5,636; 5,640; 5,644; 5,648; 5,652; 5,656; 5,660; 5,664; 5,668; 5,672; 5,676; 5,680; 5,684; 5,688; 5,692; 5,696; 5,700; 5,704; 5,708; 5,712; 5,716; 5,720; 5,724; 5,728; 5,732; 5,752; 5,756; 5,760; 5,764; 5,768; 5,772; 5,776; 5,780; 5,790; 5,792; 5,812; 5,814; 5,816; 5,818; 5,820; 5,824; 5,840; 5,842; 5,844; 5,846; 5,848; 5,850; 5,852; 5,864; 5,868;

5,872; 5,876; 5,880; 5,884; 5,888; 5,898; 5,900; 5,902; 5,904; 5,906;

5,910; 5,914; 5,918; 5,922; 5,934; 5,938; 5,942; 5,946; 5,950; 5,996;

6,001 ft (Stage 4 - Point Lookout)

6,837; 6,847; 6,854; 6,867; 6,875; 6,885; 6,892; 6,898; 6,905; 6,913; 6,923; 6,934; 6,941; 6,946; 6,950; 6,960; 6,970; 6,980; 6,992; 6,998; 7,008 ft (Stage 3 - Upper Mancos)

7,078; 7,085; 7,098; 7,114; 7,126; 7,132; 7,138; 7,142; 7,146; 7,152; 7,158; 7,170; 7,180; 7,190; 7,194; 7,295; 7,297; 7,329; 7,331; 7,348; 7,379; 7,382 ft (Stage 2 - Lower Mancos)

7,847; 7,851; 7,855; 7,859; 7,863; 7,866; 7,871; 7,888; 7,893; 7,904; 7,915; 7,920; 7,924; 7,928; 7,934; 7,938; 7,942; 7,946; 7,950; 7,954; 7,958; 7,962; 7,966; 7,970; 7,974; 7,980; 7,985; 7,989 ft (Stage 1 - Dakota)

Flowing tubing pressure at the time of logging: 122 psi

Daily average surface production reported at the time of logging:

gas: 800 Mscf/d water: 7 bpd





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.

Well Log History

Log Date	Type of Survey)
07/06/2011	Completion Profiler	





Results

The following table summarizes the production from each frac interval.

	. ·	***		GAS / WATER PRO	ODUCTION P	ROFILE		
				Flow Rates I	Reported at STF			
Zone	Inte	rvals	Q-Gas	Qp-Gas	Percent of	Q-Water	Qp-Water	Percent of
	feet		MCFD	MCFD	Total	BFPD	BFPD	Total
Surface	to	5278	810 Mcf/d		100 %	8 bpd		100 %
	15 miles 15 miles 15 18 miles 15	Stage 5	 j-`Cliffhouse/Mene	fee	50 %			43%
5278	to	5575	810 Mcf/d	406 Mcf/d		8 bpd	3 bpd	
	(1) (A)	Stag	e 4 - Point Lookou		34%			28 %
5636	to	6001	404 Mcf/d	276 Mcf/d		4 bpd	. 2 bpd	
	\$35 h	Štag	e 3 - Upper Mancos		2`%.`	A CONTRACTOR OF THE STATE OF TH	TERROR TO BE ROOM TO BE	2 %
6837	to	7008	128 Mcf/d	19 M cf/d		2 bpd	0 bpd	
	1111	Ståg	 e 2 - Lower Mancos	3 18 18 18	2,%	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Signature State of the second	2 %
7078	to	7382	109 Mcf/d	20 Mcf/d		2 bpd	0 bpd	
4,1	800 Y 1	() () (S	tage 1 - Dakota		10 %		The second of th	23.%
7847	to	7962	89 Mcf/d	84 Mcf/d		2 bpd	2 bpd	
Flow	Contr	ibůtion f	rom Below Log De	p,th 🎊 🍀 😘	1 %			2.%
7964	to	Below	6 Mcf/d		1 %	0 bpd	124 1A 2 22 25 2	2 %