In Lieu of Form 3160 (June 1990)

UNITED STATES

UNITED STATES DEPARTMENT OF INTERIOR BUREAU OF LAND MANAGEMENT JUL 21 2011

FORM APPROVED Budget Bureau No 1004-0135 Expires March 31, 1993

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	POLICIO DI PINI MININI DEMENTI GOLI PATI		Expires March 31, 1993			
SUNDRY NOTICE AND REPORTS ON WELLS MINGTON Field Office Do not use this form for proposals to drill or to deepen or reentry to a different less with the company of the com		5	Lease Designation and Serial No NMSF-078765			
	TO DRILL" for permit for such proposals	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 COM #60B			
2	Name of Operator WILLIAMS PRODUCTION COMPANY	9	API Well No. 30-045-34251			
3	Address and Telephone No. PO Box 640 Aztec, NM 87410-0640	10.	Field and Pool, or Exploratory Area BLANCO MV/BASIN MANCOS/BASIN DK			
4	Location of Well (Footage, Sec., T., R., M, or Survey Description) 275' FSL & 1450' FWL Sec 4, T31N, R6W NMPM	11	County or Parish, State San Juan, New Mexico			
	CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR	OTHER DATA			

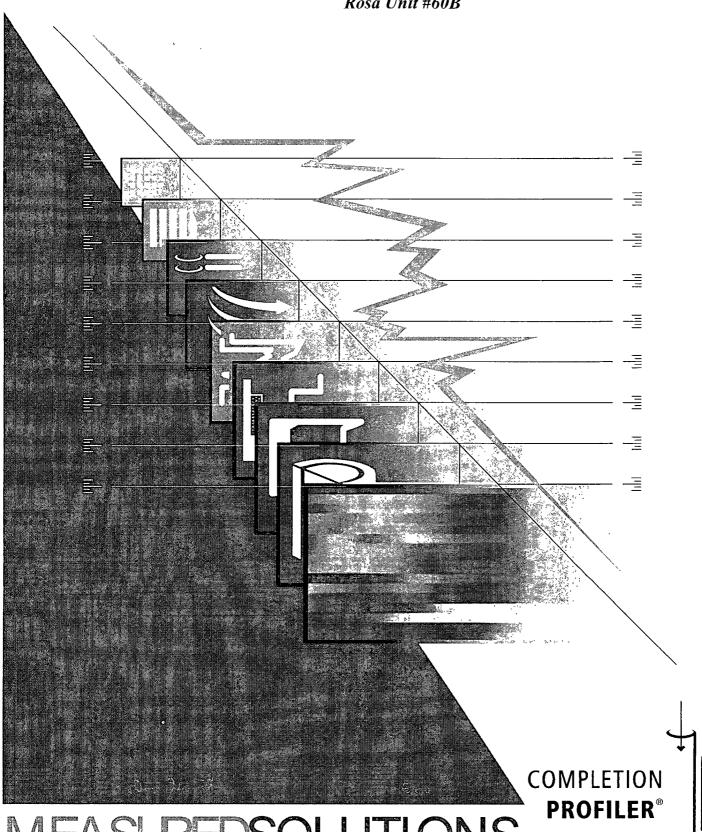
TYPE OF SUBMISSION TYPE OF ACTION Change of Plans Notice of Intent Abandonment Recompletion **New Construction** X Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Altering Casing Conversion to Injection X Other Reallocation Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

Williams E&P has run Protechnic's Completion profiler tool for allocation purposes on the Rosa Unit #060B. Based on the results obtained, Williams proposes the following allocation:

	Mesaverde Mancos Dakota Total	75% 12% 13% 100%		758 Mcf/d 124 Mcf/d 132 Mcf/d 1014 Mcf/d	CONSTANCION DISTONS ON
14.	I hereby certify that the foregoing is true and co Signed Larry Higgins	rrect	Title Permit Supervisor	Date <u>7/21/11</u>	~ 68 L -
	(This space for Federal or State office use) Approved by		Title 6e0		Date _ 7-22-1/

^{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 Production Company Rosa Unit #60B



MEASUREDSOLUTIONS





Company | Williams Production Company

Well Name | Rosa Unit #60B

Field Blanco Mesaverde/Basin Dakota

Location | San Juan County, New Mexico

Customer Name | Michael Andrews

Date of Survey June 04, 2011

Date of Analysis | June 09, 2011

Logging Engineer | Loren Healy

Analyst | Mark Warren

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
6-4	6:00	Arrive on location
6-4	5:00	Gauge run start
6-4	6:00	Gauge run stop
6-4	6:38	Program Completion Profile String
6-4	6:48	Start GIH pass
6-4	7:10	Stop GIH pass
6-4	7:15	Start logging passes
6-4	10:07	Stop logging passes
6-4	10:12	Start out of well pass
6-4	10:30	Stop out of well pass
6-4	10:34	Start download
6-4	10:55	Stop download
6-4	11:00	Rig down

Interval Logged: [From 5,016 to 8,085 ft.]

60 ft/min 90 ft/min





Well Information

48,735,377,578,000 P.

Casing:

5.5" 17.0 lb/ft

surface to 8,224 ft

Tubing:

2.375" 4.7 lb/ft

surface to 4,811 ft

Perforations:

5,105; 5,107; 5,109; 5,172; 5,176; 5,186; 5,189; 5,192; 5,195; 5,217; 5,219; 5,235; 5,237; 5,240; 5,251; 5,254; 5,295; 5,297; 5,320; 5,322; 5,363; 5,367; 5,392; 5,394; 5,398; 5,402; 5,406; 5,409; 5,412; 5,416; 5,422; 5,426; 5,432; 5,439; 5,445; 5,450; 5,453; 5,462; 5,466; 5,470; 5,474; 5,483; 5,487; 5,490; 5,493; 5,511; 5,516; 5,518; 5,520; 5,523; 5,527; 5,531; 5,534; 5,537; 5,541; 5,545; 5,594; 5,596; 5,614; 5,616; 5,620; 5,622; 5,624; 5,628 ft (Cliff House/Menefee)(Stage 9)

5,681; 5,684; 5,689; 5,690; 5,693; 5,696; 5,699; 5,702; 5,711; 5,715; 5,718; 5,721; 5,724; 5,730; 5,733; 5,736; 5,742; 5,751; 5,753; 5,758; 5,762; 5,765; 5,768; 5,771; 5,775; 5,780; 5,784; 5,788; 5,799; 5,806; 5,817; 5,823; 5,829; 5,833; 5,836; 5,844; 5,854; 5,862; 5,864; 5,880; 5,882; 5,885; 5,888; 5,890; 5,898; 5,906; 5,908; 5,914; 5,916; 5,918; 5,924; 5,928; 5,934; 5,938 ft (Point Lookout)(Stage 8)

6,545; 6,560; 6,575; 6,590; 6,605; 6,620; 6,635; 6,650; 6,665; 6,680; 6,695; 6,710; 6,725; 6,740 ft (Mancos)(Stage 7)

6,805; 6,815; 6,825; 6,835; 6,845; 6,855; 6,865; 6,875; 6,885; 6,895 ft (Mancos)(Stage 6)

6,930; 6,940; 6,964; 6,988; 7,008; 7,014; 7,058; 7,064; 7,070; 7,074 ft (Mancos)(Stage 5)

7,150; 7,160; 7,170; 7,190; 7,200; 7,210; 7,250; 7,260; 7,270 ft (Mancos)(Stage 4)

7,415; 7,425; 7,435; 7,445; 7,455; 7,465; 7,485; 7,495; 7,505; 7,515; 7,525; 7,535 ft (Mancos)(Stage 3)

7,670 - 7,671; 7,673 - 7,674; 7,676 - 7,677; 7,679 - 7,680; 7,682 - 7,683; 7,685 - 7,686; 7,687 - 7,688 ft (Mancos)(Stage 2)

7,920; 7,924; 7,928; 7,932; 7,940; 7,950; 7,960; 7,970; 7,975; 7,980; 7,986; 7,992; 7,997; 8,002; 8,012; 8,022; 8,032; 8,037; 8,042; 8,047; 8,052 ft (Dakota)(Stage 1)





Flowing tubing pressure at the time of logging:

100 psi

Daily average surface production reported at the time of logging:

gas: 1,050 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
08/04/08	SpectraScan
08/19/08	SpectraScan
08/27/08	SpectraScan
09/11/08	SpectraScan
09/23/08	SpectraScan
10/04/08	SpectraScan
06/22/09	SpectraScan
10/21/09	Completion Profiler
07/01/10	Completion Profiler
06/04/11	Completion Profiler





Results

The following table summarizes the production from each producing frac stage.

			GAS / WATER PRODUCTION PROFILE					
				Flow Rates F	Reported at STI	• · · · · · · · · · · · · · · · · · · ·		
Zone	Inte	rvals	Q-Gas	Qp-Gas	Percent of	Q-Water	Qp-Water	Percent of
	feet		MCFD	MCFD	Total	BFPD	BFPD	Total
Surface	to	5105	1015 Mcf/d		100 %	3 bpd		100 %
0.00		Cliff Ho	use/Menefee - Stag	je 9	41 %,			36 %
5105	to	5628	1015 Mcf/d	415 Mcf/d		3 bpd	1 bpd	
		Poin	<u>l</u> t,Ľookout,÷¦Stage`8	3	<u>34 % ∑</u>			√_28 %. <i>\</i>
5681		5938	599 Mcf/d	343 Mcf/d		2 bpd	1 bpd	
1	34''. 2 4	YE ÇÎN	lancos - Stage 7		5 %	\$ \$50 TAY TAY \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		*** 7 %, \}.
6545	to	6740	256 Mcf/d	55 Mcf/d		1 bpd	0 bpd	
10 17,58	Same Salas	i saja ån	 ancos - Stage 6	The state of the s	N. 0 % N.			4%
6805	to	6895	201 Mcf/d	5 Mcf/d	3	1 bpd	0 bpd	
	2000	i vien	 ancos - Stage 5		6%			5 %
6930	to	7074	196 Mcf/d	62 Mcf/d		1 bpd	0 bpd	10 10 0 00
2000		N. C. C. M	ancos - Stage 4	Company Compan	0,%			· / 2 % : : ;
7150	to	7270	134 Mcf/d	1 Mcf/d		1 bpd	0 bpd	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ň	 ancos - Stage 3		0 %	\$1 5 5 4 5 5 5 4 5 5 5 5 5 5 5 5 5 5 5 5	, , , , , , ,	4 %
7415	to	7535	134 Mcf/d	1 Mcf/d		1 bpd	0 bpd	
			 lančos - Stage 2√		2 0%	The second secon	200 300	2 %
7670	to	7688	133 Mcf/d	0 Mcf/d		0 bpd	0 bpd	
- ;-;-	;		 Dakota - Stage 1		13 %			12 %
7920	to	8052	132 Mcf/d	132 Mcf/d		0 bpd	0 bpd	