

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

Received 1/6/06

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-078773

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
ROSA UNIT #188B

9. API Well No.  
30-039-27605

10. Field and Pool, or Exploratory Area  
BLANCO MESAVERDE

11. County or Parish, State  
RIO ARRIBA, NM

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.  
PO BOX 3102 MS 25-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2000' FNL & 1140' FWL, SW/4 NW/4 SEC 34-T31N-R05W

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 Production Test

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.)\*

Per your request, attached is the IP test that was conducted on the above well on October 5, 2005.

6 JAN 1 PM 10 12  
RECEIVED  
070 FARMINGTON NMI



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

Signed Tracy Ross  
Tracy Ross

Title Sr. Production Analyst

Date December 29, 2005

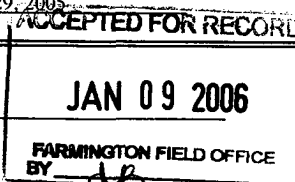
(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

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.

NMOCD

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Operator <b>Williams Production Company</b>					Lease or Unit Name <b>Rosa Unit</b>				
Test Type <b>X Initial      Annual      Special</b>			Test Date <b>10/5/2005</b>		Well Number (API #) <b>#188B (API # 30-039-27605)</b>				
Completion Date <b>9/26/2005</b>		Total Depth <b>6491'</b>		Plug Back TD <b>6469'</b>		Elevation <b>6742'</b>		Unit    Sec    Twp    Rng <b>E    34    31N    5W</b>	
Casing Size <b>4 1/2"</b>		Weight <b>10.5#</b>		Set At <b>6489'</b>		Perforations: <b>5549' - 5920'</b>		County <b>Rio Arriba</b>	
Tubing Size <b>2-3/8"</b>		Weight <b>4.7#</b>		Set At <b>6275'</b>		Perforations: <b>5981' - 6295'</b>		Pool <b>Blanco MV</b>	
Type Well - Single-Bradenhead-GG or GO Multiple				Packer Set At			Formation <b>MV</b>		
Producing Thru <b>Tubing</b>		Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa		Connection	
L	H	Gq <b>0.6</b>	%CO2	%N2	%H2S	Prover <b>3/4"</b>	Meter Run	Taps	

FLOW DATA				TUBING DATA		CASING DATA			
NO	Prover Line Size	X Orifice Size	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Duration of Flow
SI		<b>2" X 3/4"</b>			<b>130</b>	<b>52</b>	<b>900</b>		<b>0</b>
1					<b>100</b>	<b>68</b>	<b>810</b>		<b>0.5 hr</b>
2					<b>90</b>	<b>70</b>	<b>765</b>		<b>1.0 hr</b>
3					<b>95</b>	<b>71</b>	<b>700</b>		<b>1.5 hrs</b>
4					<b>95</b>	<b>71</b>	<b>690</b>		<b>2.0 hrs</b>
5					<b>85</b>	<b>71</b>	<b>640</b>		<b>3.0 hrs</b>

RATE OF FLOW CALCULATION										
NO	Coefficient (24 Hours)				hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fq	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	<b>9.604</b>					<b>97</b>	<b>0.9896</b>	<b>1.29</b>	<b>1.010</b>	<b>1201</b>
2										
3										
4										

NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration	Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocabrons _____	Deq.
2					Specific Gravity Separator _____	XXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxx	
4					Critical Pressure _____ p.s.i.a.	_____ p.s.i.a.
5					Critical Temperature _____ R	_____ R

Pc	<b>912</b>	Pc2	<b>831744</b>	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		<b>652</b>	<b>425104</b>	<b>406640</b>
2				
3				
4				

(1)  $Pc2 = \underline{2.0454063}$

$Pc2 - Pw2$

(2)  $Pc2^n = \underline{1.7103488}$

$Pc2 - Pw2$

AOF = Q  $\frac{Pc2^n}{Pc2 - Pw2} = \underline{2054}$

Absolute Open Flow	<b>2054</b>	Mcf/d @ 15.025	Angle of Slope _____	Slope, n	<b>0.75</b>
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Remarks:

Approved By Commission:	Conducted By: <b>Sherry Brooks</b>	Calculated By: <b>Tracy Ross</b>	Checked By:
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