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

Operator					Lease or Unit Name			
Williams Production Company					**Rosa Unit**			
Test Type			Test Date		Well Number (API #)			
X Initial **Annual** **Special**			**7/11/2006**		**#180B (API # 30-045-33134)**			
Completion Date	Total Depth		Plug Back TD		Elevation	Unit	Sec	Twp	Rng
6/25/2006	**6130'**				**6386'**	**L**	**09**	**31N**	**6W**
Casing Size	Weight	d	Set At	Perforations:		County			
4 1/2"	**10.5#**		**6122'**	**5380' - 5620'**		**San Juan**			
Tubing Size	Weight	d	Set At	Perforations:		Pool			
2-3/8"	**4.7#**		**6010'**	**5654' - 5976'**		**Blanco MV**			
Type Well - Single-Bradenhead-GG or GO Multiple			Packer Set At			Formation			
						MV			
Producing Thru	Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa		Connection		
Tubing									
L	H	Gq	%CO2	%N2	%H2S	Prover	Meter Run	Taps	
		0.6				**3/4"**			

	FLOW DATA			TUBING DATA		CASING DATA		
NO	Prover Line Size X Orifice Size	Pressure p.s.i.g	Temperature oF	Pressure p.s.i.g	Temperature oF	Pressure p.s.i.g	Temperature oF	Duration of Flow
SI	**2" X 3/4"**			**984**	**95**	**1037**		**0**
1				**309**	**61**	**926**		**0.5 hr**
2				**294**	**63**	**884**		**1.0 hr**
3				**280**	**65**	**836**		**1.5 hrs**
4				**273**	**65**	**811**		**2.0 hrs**
5				**262**	**66**	**776**		**3.0 hrs**

RATE OF FLOW CALCULATION

NO	Coefficient (24 Hours)	hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q,Mcfd
1	**9.604**		**274**	**0.9943**	**1.29**	**1.030**	**3477**
2							
3							
4							

NO	Pr	Temp. oR	Tr	Z
1				
2				
3				
4				
5				
Pc	**1049**	Pc2	**1100401**	

Gas Liquid Hydrocarbon Ration _____ Mcf/bbl.
A.P.I Gravity of Liquid Hydrocabrons _____. Deq.
Specific Gravity Separator _____. XXXXXX
Specific Gravity Flowing Fluid xxxxxxxxxx
Critical Pressure _____ p.s.i.a. ___p.s.i.a.
Critical Temperature _____ R ____ R

NO	Pt1	Pw	Pw2	Pc2-Pw2
1		**788**	**620944**	**479457**
2				
3				
4				

(1) $\frac{Pc2}{Pc2-Pw2} =$ **2.2950984** (2) $\frac{Pc2^n}{Pc2-Pw2} =$ **1.8646657**

AOF = Q $\frac{Pc2^n}{Pc2 - Pw2} =$ **6483**

Absolute Open Flow	**6483**	Mcfd @ 15.025	Angle of Slope _____.	Slope, n	**0.75**

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Ben Mitchell	Tracy Ross	

JUL 2006
OIL CONS. DIV.
DIST. 3