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				
***X* Initial** **Annual** **Special**	**6/19/2002**		**#5B**				
Completion Date	Total Depth	Plug Back TD	Elevation	Unit	Sec	Twp	Rng
6/10/2002	**7952'**	**7932'**	**6309'**	**B**	**26**	**31N**	**6W**
Casing Size / Weight / d	Set At	Perforations:	County				
5 1/2" / 17# /	**7952'**	**4370' - 5550'**	**Rio Arriba**				
Tubing Size / Weight / d	Set At	Perforations:	Pool				
2 1/16" / 3.25# /	**5808'**	**5584' - 5817'**	**Blanco MV**				
Type Well - Single-Bradenhead-GG or GO Multiple		Packer Set At	Formation				
		5893'	**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.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Duration of Flow
SI	**2" X 3/4"**			**900**	**107**	**900**		**0**
1				**255**	**63**	**820**		**0.5 hr**
2				**240**	**64**	**790**		**1.0 hr**
3				**235**	**66**	**770**		**1.5 hrs**
4				**235**	**68**	**750**		**2.0 hrs**
5				**225**	**69**	**720**		**3.0 hrs**

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	**9.604**		**237**	**0.9915**	**1.29**	**1.023**	**2978**
2							
3							
4							

NO	Pr	Temp. oR	Tr	Z
1				
2				
3				
4				
5				

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

Pc **912** Pc2 **831744**

NO	Pt1	Pw	Pw2	Pc2-Pw2
1		**732**	**535824**	**295920**
2				
3				
4				

(1) Pc2 / (Pc2-Pw2) = **2.8107056** (2) Pc2^n / (Pc2-Pw2) = **2.1707585**

AOF = Q Pc2^n / (Pc2 - Pw2) = **6465**

Absolute Open Flow **6465** Mcfd @ 15.025 Angle of Slope ____ Slope, n **0.75**

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Larry Higgins	Tracy Ross	