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	12/20/98	#29M		
Completion Date	Total Depth	Plug Back TD	Elevation	Unit	Sec	Twp	Rng
12/5/98				I	32	32N	6W
Casing Size	Weight	d	Set At	Perforations: From To	County		
					SAN JUAN		
Tubing Size	Weight	d	Set At	Perforations: From To	Pool		
					BLANCO		
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.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"			926		931		0
1				222	54	821		0.5 hr
2				218	56	808		1.0 hr
3				211	59	783		1.5 hrs
4				203	60	761		2.0 hrs
5				201	61	728		3.0 hrs

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OIL CON. DIV.
DIST. 3

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		213	0.999	1.29	1.021	2692
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 _____
Specific Gravity Flowing Fluid xxxxxxxxxx XXXXXX
Critical Pressure _____ p.s.i.a. ____p.s.i.a.
Critical Temperature _____ R ____ R

Pc 943 Pc^2 889249

NO	Pt1	Pw	Pw^2	Pc^2-Pw^2
1		740	547600	341649
2				
3				
4				

(1) $\frac{Pc^2}{Pc^2-Pw^2} = 2.6028146$ (2) $\frac{Pc^{2\wedge n}}{Pc^2-Pw^2} = 2.0492$

AOF = Q $\frac{Pc^{2\wedge n}}{Pc^2-Pw^2} = 5516$

Absolute Open Flow 5516 Mcfd @ 15.025 Angle of Slope _____ Slope, n 0.75

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By: