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**	**9/20/2006**		**#260A (API # 30-039-29546)**		

Completion Date	Total Depth		Plug Back TD	Elevation		Unit	Sec	Twp	Rng
7/27/2006	**3257'**			**6375'**		**O**	**21**	**31N**	**6W**

Casing Size	Weight	d	Set At	Perforations:		County	
5-1/2"	**17#**		**3225'**	**3060' - 3245'**		**RIO ARRIBA**	

Tubing Size	Weight	d	Set At	Perforations:		Pool	
2-7/8"	**6.5#**		**3250'**			**BASIN**	

Type Well - Single-Bradenhead-GG or GO Multiple	Packer Set At	Formation
		FT

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"			360		165		0
1				10	68	65		0.5 hr
2				10	68	65		1.0 hr
3				5	68	50		1.5 hrs
4				5	68	50		2.0 hrs
5				5	72	45		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			17	0.9887	1.29	1.004	209
2								
3								
4								

NO	Pr	Temp. oR	Tr	Z		
1					Gas Liquid Hydrocarbon Ration	Mcf/bbl.
2					A.P.I Gravity of Liquid Hydrocabrons _____ .	Deq.
3					Specific Gravity Separator _____ .	
4					Specific Gravity Flowing Fluid xxxxxxxxxx	XXXXXX
5					Critical Pressure _____ p.s.i.a.	____ p.s.i.a.
Pc	**177**	Pc²	**31329**		Critical Temperature _____ R	____ R

NO	Ptl	Pw	Pw²	Pc²-Pw²	(1)	$\dfrac{Pc^2}{Pc^2-Pw^2}$ =	**1.1157051**	(2)	$\dfrac{Pc^{2 \wedge n}}{Pc^2-Pw^2}$ =	**1.0856**
1		57	3249	28080						
2										
3					AOF = Q	$\dfrac{Pc^{2 \wedge n}}{Pc^2 - Pw^2}$ =	**227**			
4										

Absolute Open Flow	**227**	Mcfd @ 15.025	Angle of Slope _____ .	Slope, n	**0.75**

Remarks:

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	Mark Lepich	Tracy Ross	