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**	**8/17/2006**	**#362 (API # 30-039-29672)**	

Completion Date	Total Depth	Plug Back TD	Elevation	Unit	Sec	Twp	Rng
9/13/2006	**3722'**		**6802'**	**K**	**36**	**31N**	**5W**

Casing Size	Weight	d	Set At	Perforations:	County	
5-1/2"	**17#**		**3640'**	**3545' - 3555'**	**RIO ARRIBA**	

Tubing Size	Weight	d	Set At	Perforations:	Pool	
2-7/8"	**6.5#**		**3627'**	**3570' - 3635'**	**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"**			**302**		**174**		**0**
1				**12**	**72**	**65**		**0.5 hr**
2				**8**	**74**	**62**		**1.0 hr**
3				**12**	**75**	**58**		**1.5 hrs**
4				**8**	**75**	**47**		**2.0 hrs**
5				**5**	**79**	**32**		**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**	**0.9822**	**1.29**	**1.004**	**208**
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.
					Critical Temperature _____ R	____ R

Pc	**186**	Pc²	**34596**			

NO	Pt1	Pw	Pw²	Pc²-Pw²	
1		**44**	**1936**	**32660**	(1) $\dfrac{Pc^2}{Pc^2-Pw^2}$ = **1.0592774** (2) $\dfrac{Pc^{2\wedge n}}{Pc^2-Pw^2}$ = **1.0441**
2					
3					AOF = Q $\dfrac{Pc^{2\wedge n}}{Pc^2 - Pw^2}$ = **217**
4					

Absolute Open Flow	**217**	Mcfd @ 15.025	Angle of Slope _____.	Slope, n	**0.75**

Remarks:

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