

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

Operator Williams Production Company					Lease or Unit Name Rosa Unit				
Test Type X Initial Annual Special			Test Date 10/12/2005		Well Number (API #) #357A (API # 30-039-29488)				
Completion Date 10/6/2005		Total Depth 3265'		Plug Back TD		Elevation 6369'		Unit Sec Twp Rng J 36 32N 06W	
Casing Size 5 1/2"		Weight 15.5#		Set At 3265'		Perforations: 3036' - 3168'		County Rio Arriba	
Tubing Size 2 7/8"		Weight 6.5#		Set At 3181'		Perforations:		Pool Basin	
Type Well - Single-Bradenhead-GG or GO Multiple					Packer Set At		Formation Fruitland Coal		
Producing Thru Tubing		Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa		Connection	
L	H	Gq 0.6	%CO2	%N2	%H2S	Prover 3/4"		Meter Run	Taps

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"				275	67	1245		0
1					260	67	1175		0.5 hr
2					260	64	1175		1.0 hr
3					210	59	1035		1.5 hrs
4					205	55	1030		2.0 hrs
5					205	55	1030		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				217	1.0048	1.29	1.018	2750
2									
3									
4									

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

Pc	1257	Pc2	1580049	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		1042	1085764	494285
2				
3				
4				

Absolute Open Flow 6574		Mcf @ 15.025	Angle of Slope _____	Slope, n 0.75
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Remarks:			
Approved By Commission:	Conducted By: Mark Lepich	Calculated By: Tracy Ross	Checked By:

