

**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 6/23/2006		Well Number #145C (API # 30-045-33086)				
Completion Date 6/13/2006		Total Depth 6196'		Plug Back TD		Elevation 6427'		Unit Sec Twp Rng F 16 31N 6W	
Casing Size 4 1/2"		Weight 10.5#		Set At 6183'		Perforations: 5152' - 5527'		County San Juan	
Tubing Size 2 3/8"		Weight 4.7#		Set At 6023'		Perforations: 5618' - 5994'		Pool Blanco MV	
Type Well - Single-Bradenhead-GG or GO Multiple				Packer Set At			Formation MV		
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"				724	105	762		0
1					231	63	665		0.5 hr
2					220	65	628		1.0 hr
3					211	65	601		1.5 hrs
4					209	66	583		2.0 hrs
5					197	68	563		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				209	0.9924	1.29	1.023	2629
2									
3									
4									

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

Pc	774	Pc2	599076
NO	Pt1	Pw	Pw2
1		575	330625
2			
3			
4			

Absolute Open Flow 4800		Mcf/d @ 15.025	Angle of Slope _____	Slope, n 0.75
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Remarks:			
Approved By Commission:	Conducted By: Ben Mitchell	Calculated By: Tracy Ross	Checked By:

