

**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 10/19/2004		Well Number #26C (API #30-039-27597)				
Completion Date 10/8/2004		Total Depth 8345'		Plug Back TD 8175'		Elevation 6571'		Unit Sec Twp Rng I 32 31N 5W	
Casing Size 5-1/2"		Weight 17#		Set At 8190'		Perforations: 5566' - 5720'		County Rio Arriba	
Tubing Size 2-1/16"		Weight 3.25#		Set At 6047'		Perforations: 5845' - 6028'		Pool Blanco	
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.g	Temperature oF	Pressure p.s.i.g	Temperature oF	Pressure p.s.i.g	Temperature oF	Duration of Flow
SI	2" X 3/4"				905	35	1255		0
1					238	57	1255		0.5 hr
2					225	57	1270		1.0 hr
3					227	62	1272		1.5 hrs
4					225	64	1280		2.0 hrs
5					225	69	1280		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 _{sc} Mcfd
1	9.604					237	0.9915	1.29	1.023	2978
2										
3										
4										

NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration	Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocarbons _____	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	1267	Pc2	1605289
NO	Ptl	Pw	Pw2
1		1292	1669264
2			
3			
4			

Absolute Open Flow #NUM!		Mcf/d @ 15.025	Angle of Slope _____	Slope, n 0.75
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Remarks:			
Approved By Commission:	Conducted By: Bill Beevers/Michael Gurule	Calculated By: Tracy Ross	Checked By:

