

**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 11/8/2006		Well Number #75B (API # 30-045-33748)				
Completion Date 10/21/2006		Total Depth 6681'		Plug Back TD		Elevation 6294'		Unit Sec Twp Rng F 10 31N 6W	
Casing Size 4-1/2"		Weight 10.5#		Set At 6662'		Perforations: 5940' - 6186'		County San Juan	
Tubing Size 2-3/8"		Weight 4.7#		Set At 6568'		Perforations: 6228' - 6534'		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"				1135	47	1148		0
1					370	38	1116		0.5 hr
2					333	35	938		1.0 hr
3					303	34	911		1.5 hrs
4					289	33	893		2.0 hrs
5					264	33	864		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				276	1.027	1.29	1.022	3589
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	1160	Pc2	1345600	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		876	767376	578224
2				
3				
4				

(1) $Pc2 = 2.3271258$		(2) $Pc2^n = 1.8841475$	
$Pc2 - Pw2$		$Pc2 - Pw2$	
$AOF = Q \frac{Pc2^n}{Pc2 - Pw2} = 6762$			

Absolute Open Flow 6762		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: