

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 12/5/2006		Well Number #35C (API # 30-045-33795)				
Completion Date 11/15/2006		Total Depth 6258'		Plug Back TD		Elevation 6337'		Unit Sec Twp Rng K 5 31N 6W	
Casing Size 4-1/2"		Weight 10.5#		Set At 6202'		Perforations: 5284' - 5718'		County San Juan	
Tubing Size 2-3/8"		Weight 4.7#		Set At 6228'		Perforations: 5806' - 6188'		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"			1034	59	1038		0
1					354	62	875		0.5 hr
2					332	64	819		1.0 hr
3					319	65	784		1.5 hrs
4					308	66	759		2.0 hrs
5					293	67	725		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				305	0.9933	1.29	1.036	3888
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 _____	XXXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxxxx	
4					Critical Pressure _____ p.s.i.a.	_____ p.s.i.a.
5					Critical Temperature _____ R	_____ R

Pc	1050	Pc2	1102500	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		737	543169	559331
2				
3				
4				

(1) Pc2 = 1.9711048		(2) Pc2^n = 1.6635363	
Pc2-Pw2		Pc2-Pw2	
AOF = Q Pc2^n = 6469			
Pc2 - Pw2			

Absolute Open Flow 6469		Mcf/d @ 15.025		Angle of Slope _____		Slope, n 0.75	
--------------------------------	--	----------------	--	----------------------	--	----------------------	--

Remarks:

Approved By Commission:	Conducted By: Art Alsop	Calculated By: Tracy Ross	Checked By:
-------------------------	-----------------------------------	-------------------------------------	-------------