

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 11/2/2005		Well Number (API #) #206A (API # 30-039-29495)				
Completion Date 10/28/2005		Total Depth 3242'		Plug Back TD		Elevation 6302'		Unit Sec Twp Rng E 24 31N 06W	
Casing Size 5 1/2"		Weight 17		Set At 3242'		Perforations: 2985' - 3182'		County Rio Arriba	
Tubing Size 2 7/8"		Weight 6.5		Set At 3213'		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"			240	70	1100		0
1					230	70	1145		0.5 hr
2					230	60	1145		1.0 hr
3					200	60	1035		1.5 hrs
4					195	50	1035		2.0 hrs
5					195	50	980		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 _{mcf}
1	9.604				207	1.0098	1.29	1.018	2636
2									
3									
4									

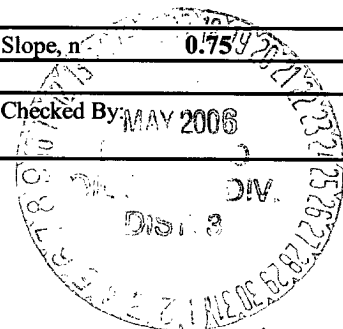
NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration	Mcf/bbl. Deq.
1					A.P.I Gravity of Liquid Hydrocabrons _____	
2					Specific Gravity Separator _____	XXXXXX
3					Specific Gravity Flowing Fluid XXXXXXXXXX	
4					Critical Pressure _____ p.s.i.a.	_____ p.s.i.a.
5					Critical Temperature _____ R	_____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

Pc	1112	Pc2	1236544
NO	Pt1	Pw	Pw2
1		992	984064
2			
3			
4			

Pc2-Pw2	(1) $Pc2 =$	(2) $Pc2^n =$
252480	4.8975919	3.2922056
	$Pc2 - Pw2$	$Pc2 - Pw2$
	$AOF = Q$	$Pc2^n =$
	8679	
	$Pc2 - Pw2$	

Absolute Open Flow 8679	Mcf @ 15.025	Angle of Slope _____	Slope, n _____ 0.759
-----------------------------------	--------------	----------------------	-----------------------------

Remarks:			
Approved By Commission:	Conducted By: Mark Lepich	Calculated By: Tracy Ross	Checked By: MAY 2006



8