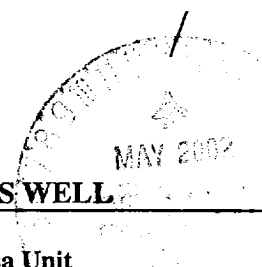


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Operator Williams Production Company					Lease or Unit Name Rosa Unit				
Test Type X Initial Annual Special			Test Date 4/29/2002		Well Number #29B				
Completion Date 4/22/2002		Total Depth 8203'		Plug Back TD 8178'		Elevation 6560'		Unit Sec Twp Rng B 32 32N 6W	
Casing Size 5 1/2"		Weight 17#		Set At 8203'		Perforations: 8036' - 8154'		County Rio Arriba	
Tubing Size 2 1/16"		Weight 3.25#		Set At 8157'		Perforations:		Pool Basin DK	
Type Well - Single-Bradenhead-GG or GO Multiple					Packer Set At 6150'		Formation DK		
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"			1590	61	825		0
1					250	62	830		0.5 hr
2					175	62	830		1.0 hr
3					135	64	830		1.5 hrs
4					115	64	830		2.0 hrs
5					90	65	830		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					102	0.9952	1.29	1.014	1275
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 _____	XXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxx	
4					Critical Pressure _____ p.s.i.a.	_____ p.s.i.a.
5					Critical Temperature _____ R	_____ R

Pc	837	Pc2	700569	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		842	708964	-8395
2				
3				
4				

(1) Pc2 = -83.450744		(2) Pc2^n = #NUM!	
Pc2-Pw2		Pc2-Pw2	
AOF = Q Pc2^n = #NUM!			
Pc2 - Pw2			

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: Larry Higgins	Calculated By: Tracy Ross	Checked By: