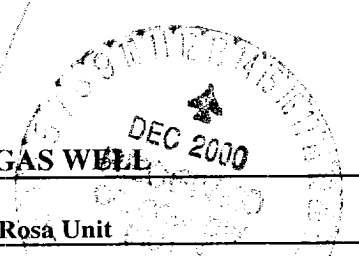


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Operator Williams Production Company					Lease or Unit Name Rosa Unit				
Test Type X Initial Annual Special			Test Date 11/29/2000		Well Number #185				
Completion Date 11/26/2000		Total Depth 8371'		Plug Back TD 8496'		Elevation 6330'		Unit Sec Twp Rng G 16 31N 6W	
Casing Size 5-1/2"		Weight 17#		Set At 8508'		Perforations: 8354' - 8483'		County San Juan	
Tubing Size 2-1/16"		Weight 3.25#		Set At 8342'		Perforations:		Pool Blanco DK	
Type Well - S ngle-Bradenhead-GG or GO Multiple					Packer Set At		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"				2635	25			0
1					175	58			0.5 hr
2					110	60			1.0 hr
3					85	59			1.5 hrs
4					65	59			2.0 hrs
5					60	60			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					72	1.0000	1.29	1.008	899
2										
3										
4										

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

NO	Pc	Pt1	Pw	Pw2	Pc2-Pw2	(1) $\frac{Pc2}{Pc2-Pw2} =$	(2) $\frac{Pc2^n}{Pc2-Pw2} =$
1	2647					1.0007404	1.0006293
2							
3							
4							

Absolute Open Flow 900		Mcf @ 15.025	Angle of Slope _____	Slope, n 0.85
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Remarks:			
Approved By Commission:	Conducted By: Larry Higgins	Calculated By: Tracy Ross	Checked By: David Spitz