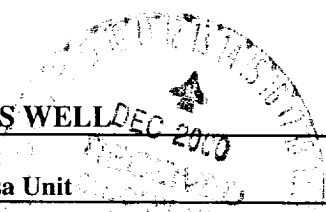


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Operator Williams Production Company					Lease or Unit Name Rosa Unit				
Test Type X Initial Annual Special			Test Date 12/5/2000		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: 5531' - 6062'		County San Juan	
Tubing Size 2-1/16"		Weight 3.25#		Set At 6297'		Perforations: 6116' - 6427'		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"			985	25	985		0
1					250	55	935		0.5 hr
2					235	57	920		1.0 hr
3					225	57	910		1.5 hrs
4					220	58	905		2.0 hrs
5					220	57	895		3.0 hrs

RATE OF FLOW CALCULATION										
NO	Coefficient (24 Hours)				hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fq	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604					232	1.0029	1.29	1.018	2935
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

NO	Pc	Pt1	Pw	Pw2	Pc2-Pw2	(1) Pc2 =	(2) Pc2^n =
1	997		907	822649	171360	5.8007061	3.7377534
2						Pc2-Pw2	Pc2-Pw2
3							
4							

Absolute Open Flow 10968		Mcf @ 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: David Spitz