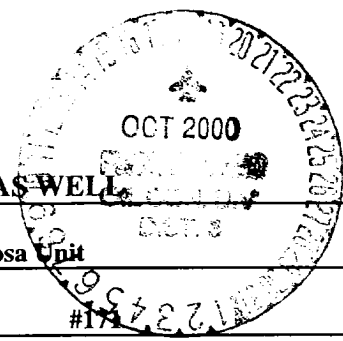


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**



Operator Williams Production Company					Lease or Unit Name Rosa Unit				
Test Type X Initial Annual Special			Test Date 10/7/2000		Well Number #1754821				
Completion Date 10/6/2000		Total Depth 6028'		Plug Back TD 5980'		Elevation 6265'		Unit Sec Twp Rng G 07 31N 5W	
Casing Size 4-1/2"		Weight 10.5#		Set At 6028'		Perforations: 4555' - 5571'		County Rio Arriba	
Tubing Size 2-3/8"		Weight 4.7#		Set At 5855'		Perforations: 5590' - 5872'		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"				817	59	840		0
1					197	67	777		0.5 hr
2					195	69	747		1.0 hr
3					190	71	726		1.5 hrs
4					190	72	713		2.0 hrs
5					187	73	689		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					199	0.9877	1.29	1.021	2486
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	852	Pc2	725904	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		701	491401	234503
2				
3				
4				

(1) $Pc2 = 3.0954998$		(2) $Pc2^n = 2.3337165$	
$Pc2 - Pw2$		$Pc2 - Pw2$	
AOF = Q $Pc2^n = 5802$		$Pc2 - Pw2$	

Absolute Open Flow 5802		Mcf/d @ 15.025	Angle of Slope _____	Slope, n 0.75
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Remarks:			
Approved By Commission:	Conducted By: Matt Crane	Calculated By: Tracy Ross	Checked By: David Spitz