

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL.

Form 10-1		☒ Editorial		☐ Annual		☐ Special		Test Date 3-10-80		
Company El Paso Natural Gas Company				Connection						
Pool Blanco				Formation Mesa Verde				Unit San Juan		
Completion Date 1-9-80		Total Length 6-03		Plug Back TD 5125		Elevation		Form of Lease Hold 32-9 Unit		
Casing Size 4.500		ID 10.5		Set At 6093		Perforations From 5245 To 6038		Well No. 5A		
Tubing Size 2.375		ID 4.7		Set At 5980		Perforations From To		Unit Sec. Twp. Rge. E 15 31 9		
Type Well - Single - Broaderhead - G.G. or G.O. Multiple Single						Packer Set At		County San Juan		
Producing thru		Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _g		State New Mexico		
L		H		G _g		% CO ₂		% H ₂		
						% H ₂ S		Prover		
								Meter Run		
								Taps		
FLOW DATA							TUBING DATA		CASING DATA	
NO.	Traverse Line Size	X	Grille Size	Press. psid	Diff. in. hr	Temp. °F	Press. psid	Temp. °F	Press. psid	Temp. °F
51							305		595	
1.										
2.										
3.										
4.										
5.										
RATE OF FLOW CALCULATIONS										
NO.	Coefficient (24 Hour)	$\sqrt{P_{wf} P_{th}}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{sc}	Rate of Flow Q, Mcf/d			
1										
2										
3										
4										
5										
NO.	P _g	Temp. °F	T _g	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf. Lbl.					
					A.P.L. Gravity of Liquid Hydrocarbon _____ Deg.					
1					Specific Gravity Separator Gas _____ X.X.X.X.X.X.X.X.X.X					
2					Specific Gravity Flowing Fluid _____ X.X.X.X.X					
3					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.					
4					Critical Temperature _____ R _____ R					
5										
NO.	P _g	P _w	P _g	P _w	(1) $\frac{P_g^2}{P_g^2 - P_w^2} =$					
1										
2										
3										
4										
5										
Absolute Open I					(2) $AOI = Q \left[\frac{P_g^2}{P_g^2 - P_w^2} \right]^n =$					
Remarks:										
Approved by Division		Conducted by		Calculated by		Checked by				