

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-1-80							
Company El Paso Natural Gas Company						Connection							
Pool Blanco						Formation Mesa Verde				Unit			
Completion Date			Total Depth 6210		Plug Back TD 6190		Elevation 6689 GR		Farm or Lease Name San Juan 30-6 Unit				
Csg. Size 7.000		Wt. 20		d 6.456		Set At 3919		Perforations: From * To		Well No. #87A			
Tbg. Size 2.375		Wt. 4.7		d 1.995		Set At 6105		Perforations: From To		Unit Sec. Twp. Rge. D 36 30 7			
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single						Packer Set At		County Rio Arriba					
Producing Thru Tbg.		Reservoir Temp. °F ø		Mean Annual Temp. °F		Baro. Press. - P _a 12		State NEW MEXICO					
L		H		G _g		% CO ₂		% N ₂		% H ₂ S			
Prover		Meter Run		Taps									
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow			
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F			
SI							255		754		11 Days		
1.													
2.													
3.													
4.													
5.													
RATE OF FLOW CALCULATIONS													
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd						
1													
2.													
3.													
4.													
5.													
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.								
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.								
2.					Specific Gravity Separator Gas _____ X X X X X X X X X								
3.					Specific Gravity Flowing Fluid _____ X X X X X								
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.								
5.					Critical Temperature _____ R _____ R								
P_c^2					(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$								
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$								
1													
2													
3													
4													
5													
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope ø _____ Slope, n _____								
Remarks: _____													
Approved By Division				Conducted By: Bob Easterling				Calculated By: L. E. Mabe				Checked By:	