

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-18-80			
Company El Paso Natural Gas Company						Connection El Paso Natural Gas Company			
Pool Blanco						Formation Mesa Verde			
Completion Date 12-10-80						Total Depth 5841		Plug Back TD 5825	
Elevation 6251 GR						Farm or Lease Name San Juan 30-6 Unit			
Csg. Size 7.000		Wt. 20.0		d 6.456		Set At 3570		Perforations: From *5054 To 5804	
Thq. Size 2.375		Wt. 4.7		d 1.995		Set At 5773		Perforations: From To	
Type Well - Single - Brdenhead - G.G. or G.O. Multiple Single						Packer Set At		County Rio Arriba	
Producing Thru Tbg.		Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _a 12		State New Mexico	
L		H		Gg		% 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.	
SI							241		621	
1.										
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	R _t	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
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

NO.	P _t ²	P _w ²	P _c ²	P _c ² - P _w ²		$(2) \left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n =$
1						
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____		Slope, n _____	
Remarks: _____							

Approved By Division	Conducted By: Bob Easterling	Calculated By: H. E. McAnally	Checked By:
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