

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 1-26-81					
Company El Paso Natural Gas Company						Connection El Paso Natural gas Company					
Pool Blanco						Formation Mesa Verde		Unit San Juan 32-9			
Completion Date 1-17-81			Total Depth 6227		Plug Back TD 6210		Elevation 6594 GL		Farm or Lease Name San Juan 32-9 Unit		
Csg. Size 7.000		Wt. 20.0		d 6.456		Set At 3838		Perforations: From *5634 To 6145		Well No. #64A	
Tbg. Size 2.375		Wt. 4.7		d 1.995		Set At 6137		Perforations: From To		Unit Sec. Twp. Rge. D 2 31 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At		County San Juan			
Producing Thru Tbg.		Reservoir Temp. °F 9		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.	Temp. °F	
SI							821		696		9 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 F _t	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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²
1					
2					
3					
4					
5					

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\hspace{2cm}}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\hspace{2cm}}$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\hspace{2cm}}$

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

Approved By Division	Conducted By: Gabe Archibeque	Calculated By: H. E. McAnally	Checked By:
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