

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 3-17-80			
Company El Paso Natural Gas Company				Connection			
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date 2-28-80		Total Depth 4986		Plug Back TD 4972		Elevation	
Csg. Size 4.500		Wt. 10.5		Set At 4986		Perforations From 4157 To 4862	
Tub. Size 2.375		Wt. 4.7		Set At 4844		Perforations From To	
Type Well - Single - Broadhead - G.C. or G.O. Multiple Single				Packer Set At		Firm or Lease Name Johnston	
Producing Thru		Reservoir Temp. °F p		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		G _g		% CO ₂ % N ₂ % H ₂ S	
Prover		Meter Run		Taps			
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.
1							
2							
3							
4							
5							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{in}}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							
NO.	P _t	Temp. °R	T _t	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	P _w	P _c	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____		
1							
2							
3							
4							
5							
Absolute O ₂					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____		
Remarks: _____							
Approved by Division		Conducted by: L. McAndrews		Calculated by: C.R. Wagner		Checked by:	

