

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		10-07-85																																													
Company				El Paso Natural Gas				Connection																																															
Pool				Basin				Formation				Unit																																											
Completion Date				10-07-85		Total Depth		7961		Plug Back TD		7954		Elevation		7902		Farm or Lease Name		S.J. 28-5 Unit																																			
Csg. Size		4.500		wt.		11.6		d		4.000		Set At		7961		Perforations:		From		7712		To		7902		Well No.		#54E																											
Tng. Size		1.900		wt.		2.9		d		1.610		Set At		7891		Perforations:		From				To				Unit		C		Sec.		20		Twp.		28		Rge.		05															
Type Well - Single - Bradenhead - G.G. or G.O. Multiple										Packer Set At										County																																			
Single										None										Rio Arriba																																			
Producing Thru				Tbg.				Reservoir Temp. °F				a				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. hw		Temp. °F		Press. p.s.i.g.		Temp. °F		Press. p.s.i.g.		Temp. °F		Press. p.s.i.g.		Temp. °F		Duration of Flow																													
SI														1590				1590								7 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		A.P.I. Gravity of Liquid Hydrocarbons		Mcf/bbl.																																									
1																																																							
2																																																							
3																																																							
4																																																							
5																																																							
NO.		P _r		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 Open Flow														Mcf/d @ 15.025										Angle of Slope										Slope, n																					
Remarks:																																																							
Approved by Commission:														Conducted By:														Calculated By:														Checked By:													
Joh Easley														Ed Mabe														kld																											