

Form C-122
Revised 9-1-65

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		12/28/77																											
Company					Connection																																
Amoco Production Company					EL PASO NATURAL GAS COMPANY																																
Pool					Formation							Unit																									
Blanco					Mesaverde																																
Completion Date			Total Depth			Plug Back TD			Elevation			Farm or Lease Name																									
12/28/77			4752			4719			5742			Houck Gas Com "A"																									
Csg. Size		Wt.		d		Set At		Perforations:			Well No.																										
7.000		23		6.366		2670		From 4122 To 4641			1A																										
Tbg. Size		Wt.		d		Set At		Perforations:			Unit Sec. Twp. Rge.																										
2.375		4.7		1.995		4631		From Open To Ended			C 6 29 9																										
Type Well - Single - Bradenhead - G.G. or G.O. Multiple								Packer Set At				County																									
Single								None				San Juan																									
Producing Thru			Reservoir Temp. °F			Mean Annual Temp. °F			Baro. Press. - P _a			State																									
Tubing												New Mexico																									
L		H		G _g		% CO ₂		% N ₂		% H ₂ S		Prover		Meter Run		Taps																					
				.65																																	
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		Duration of Flow															
SI		7 days												684				794																			
1.		2.375		0.750										200				580		60		3 hrs.															
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		12.365				212		1.000		.9608		1.021		2572																							
2.																																					
3.																																					
4.																																					
5.																																					
NO.		P _t		Temp. °R		T _f		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		696		P _c ²		484415																															
NO.		P _t ²		P _w		P _w ²		P _c ² - P _w ²		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.6163$														(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.6224$													
1				592		350464		133952																													
2																																					
3																																					
4																																					
5																																					
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6745$																																					
Absolute Open Flow												6745												Mcf @ 15.025										Angle of Slope @			
Remarks: 4.5" 10.5# Liner Set 2464'-4752'																																					
Approved By Commission:								Conducted By: T. M. Oliver								Calculated By: TMO/WRB								Checked By: J. L. Krupka													