

Form C-122
Revised 9-1-65

Type Test ☒ Initial		☐ Annual		☐ Special		Test Date 06 01 80	
Company Amoco Production Co.				Connection El Paso Natural Gas Company			
Pool Basin Dakota				Formation DAKOTA		Unit	
Completion Date 05 16 80		Total Depth 5980		Plug Back TD 5875		Elevation 5304 GL	
Csg. Size 4.500		Wt. 10.5		Set At 4.052		Set At 5980	
Tbg. Size 2.375		Wt. 4.7		Set At 1.995		Set At 5849	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE		Farm or Lease Name GALLEGOS CANYON UNIT	
Producing Thru TUBING		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a	
L		H		Cg		% 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	11 days						
2	2.375	.750					
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		56	1.000	.9258	1.006	645
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 _____ 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 1309 P _c ² 1713481					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0813$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0604$		
NO.	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 684$			
1	359	128881	1584600				
2							
3							
4							
5							
Absolute Open Flow 684 Mcfd @ 15.025					Angle of Slope @ _____		
Remarks:							
Approved By Commission:		Conducted By: JJB		Calculated By: J J BARNETT		Checked By: R A DOWNEY	