

Form C-122
Revised 9-1-65

Type Test ☒ Initial		☐ Annual		☐ Special		Test Date 07 17 80									
Company AMOCO PRODUCTION CO.				Connection EL PASO NATURAL GAS COMPANY											
Pool BASIN				Formation DAKOTA		Unit									
Completion Date 06.18.80		Total Depth 6408		Plug Back TD 6366		Elevation 5776 GL									
Casing Size 4.500		WT. 10.5		Perforations: From 6146 To 6280		Well No. 216E									
Tubing Size 2.375		WT. 4.7		Perforations: From open To ended		Unit Sec. Twp. Hgt. I 14 28N 12W									
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE				Packer Set At NONE		County SAN JUAN									
Producing Thru TUBING		Reservoir Temp. °F @		Mean Annual Temp. °F		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.	Proven 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	11 days						435		742		3 hrs				
1.	2.375	.750					44		352						
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 _{spv}	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 _____										
1.					A.P.I. Gravity of Liquid Hydrocarbons _____										
2.					Specific Gravity Separator Gas _____										
3.					Specific Gravity Flowing Fluid _____ X X X X X										
4.					Critical Pressure _____ P.S.I.A. _____										
5.					Critical Temperature _____ R _____										
P _c 754 P _c ² 568516					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3039$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2202$										
NO.	P _w	P _w ²	P _c ² - P _w ²	AOP = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 787$											
1	364	132496	436020												
2															
3															
4															
5															
Absolute Open Flow 787 Mcfd @ 15.625					Angle of Slope @ _____			Slope, n .75							
Remarks: _____															
Approved By Commission:				Conducted By: JJB				Calculated By: J J BARNETT				Checked By: R. A. DOWNEY			