

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☒ Special		Test Date 1-29-82									
Company Amoco Production Company		Connection El Paso Natural Gas Company									
Pool Otero		Formation Chacara									
Completion Date 12-31-81		Total Depth 5379	Plug Back TD 5336								
		Elevation 6615 GL	Farm or Lease Name Jicarilla Contract 146								
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 5379								
Perforations: From 3786 To 3904		Well No. 36									
Tbg. Size 1.660	Wt. 2.33	d 1.380	Set At 3915								
Perforations: From perf To sub		Unit Sec. Twp. Rge. A 4 25N 5W									
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Dual		Packer Set At 4050'	County Rio Arriba								
Producing Thru Tubing	Reservoir Temp. °F @	Mean Annual Temp. °F	Baro. Press. - P _a State New Mexico								
L	H	G _g	% 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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 Days						818		820		
1.	2.375		.750				112		456		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 Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcf				
1	12.365		124	1.000	.9608	1.010	1488				
2.											
3.											
4.											
5.											
NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Viscosities		μcf/lbbl.				
					A.P.I. Gravity of Liquid Hydrocarbons		— Deg.				
1.					Specific Gravity Separator Gas		X X X X X X X X				
2.					Specific Gravity Flowing Fluid		X X X X X				
3.					Critical Pressure		P.S.I.A.		P.S.I.A.		
4.					Critical Temperature		R		R		
5.											
P _c 832		P _c ² 692224		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4927$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3505$					
NO.	P _f	P _w	P _w ²	P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2010$						
1		478	228484	463740							
2											
3											
4											
5											
Absolute Open Flow 2010 Mcf @ 15.025					Angle of Slope θ			Slope, n 75			
Remarks: Perf sub set at 3909											
Approved By Commission			Conducted By: J. J. Barnett			Calculated By: J. J. Barnett			Checked By:		