

Form C-122
Revised 10-1-78

Type Test		☒ Initial		☐ Annual		☐ Special		Test Date		1/8/81	
Company				Connection							
Supron Energy Corp. % Hill											
Pool				Formation				Unit			
Basin				Dakota							
Completion Date		Total Depth		Plug Back TD		Elevation		Farm or Lease Name			
11/28/80		8243		8243		7158 G		Jicarilla A			
Coq. Size		Wt.		d		Set At		Perforations		Well No.	
5.50CL		14.00		5.012		3788/ 8244		From 3040 To 8197		13E	
Tub. Size		Wt.		d		Set At		Perforations		Unit Sec. Twp. Range	
1.500		2.76		1.610		7969		From To		N-13-26N-4W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple						Packer Set At		County			
G = G Multiple						7968		Rio Arriba			
Producing Thru Tubing		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State			
		a						New Mexico			
L		H		G _g est. .650		% 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	Duration of Flow
SI							1439 (D)		1161 (M)		41 Days
1.			.750	154		60	154	60	1161		3 HRS.
2.											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{13}}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super. Compens. Factor, F _{sp}	Rate of Flow Q, Mhd				
1	12.365		166	1.0000	.9608	1.0000	1972				
2											
3											
4											
5											
NO.	P ₁	Temp. °R	T ₁	Z	Gas-Liquid Hydrocarbon Ratio _____ Mol/Lb. A.P.L. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ °R						
1											
2											
3											
4											
5											
P ₁	1451		2105401								
NO.	P ₁	P ₂	P ₁ ² - P ₂ ²	(1) $\frac{P_1^2}{P_2^2 - P_1^2} = 1.2051$							
1	27556	599	358385	(2) $\left[\frac{P_1^2}{P_2^2 - P_1^2} \right]^n = 1.1502$							
2											
3											
4											
5											
Absolute Open Flow 2268 Mhd @ 15.025				Angle of Slope @ _____				Slope, n .75			
Remarks: Produced light fog of condensate throughout test.											
Approved By Division				Conducted By:				Calculated By:			
								Checked By:			