

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 4/25/78					
Company Supron Energy Corporation		Connection Gas Company of New Mexico					
Pool Blanco		Formation Mesaverde					
Completion Date 4/8/78	Total Depth 8200	Plug Back TD 6213	Elevation 7093 Gr.				
Farm or Lease Name Jicarilla "H"		Well No. 9					
Cas. Size 7.625 4.500	Wt. 26.40 10.50	d 6.969 4.052	Set At 4058 3895-6255				
Perforations: From 5514 To 6138		Unit Sec. Twp. Rys. A 17 26N 4W					
Tbg. Size 2.0625	Wt. 3.25	d 1.750	Set At 5467				
Perforations: From NO PERFORATIONS							
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual - Gas - Gas		Packer Set At 5467	County Rio Arriba				
Producing Thru Tubing	Reservoir Temp. °F @	Mean Annual Temp. °F 12	State New Mexico				
L 5455	H	Gg 0.650	% CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps				
FLOW DATA							
NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h _w Temp. °F				
SI	2" 3/4"						
1.							
2.							
3.							
4.							
5.							
TUBING DATA							
NO.	Press. p.s.i.g.	Temp. °F	Duration of Flow				
	980		7 Days				
	105	60°	3 Hours				
CASING DATA							
NO.	Press. p.s.i.g.	Temp. °F	Rate of Flow Q, Mcfd				
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, Mcfd
1	12.3650		117	1.0000	0.9608	1.010	1404
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		
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 992 P_c² 984,064					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\underline{1.1033}}$		
					(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{1.0765}}$		
NO.	P _t	P _w	P _w ²	P _c ² - P _w ²	AOIF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{1511}}$		
1			92,120	891,944			
2							
3							
4							
5							
Absolute Open Flow 1511 Mcfd @ 15.025					Angle of Slope θ _____		Slope, n 0.75
Remarks:							
Approved By Commission		Conducted By Eugene Current		Calculated By Kenneth E. Roddy		Checked By:	