

[illegible]

Casing				Tubing			
ID, inches				OD, inches			
Thickness, inches				Schedule			
Casing Pressure, P_c		in. Hg. Abs.		Tubing Pressure		in. Hg. Abs.	
Flowline Pressure, P_f		PSIG		Tubing Depth		Feet	
Simulation System				Flow Through Casing		Flow Through Tubing	
Casing Size, inches				Casing Schedule, C			
Casing Pressure, Casing, $P_{c,c}$		in. Hg. Abs.		Casing Pressure, Tubing, $P_{c,t}$		PSIG	
Flowline Pressure, P_f		PSIG		Tubing Pressure, P_w		PSIG	
Temperature, T		°F		API (From Tables)		Gravity, ρ_{rel}	
Viscosity, μ		cP		API (From Tables)		Gravity, ρ_{rel}	

$$\text{CHOKE VOLUME} = Q = C \times P_1 \times T_1 \times P_2 \times T_2$$

05 II _____ LCF/D

$$\text{OPEN FLOW} = A \phi = Q \left(\frac{p_c}{p_c} - \frac{p_w}{p_w} \right)$$

$$\text{As} \left(\frac{1}{2} \right)$$

$$\Delta CF = \text{_____} \text{ MCF/L}$$

TECHNOLOGY

THESE TWO

ILLEGIBLE



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