

$$T = 545$$

$$\text{Log} = 4.081 = 0.61077$$

$$Z = 1.00$$

$$\underline{1.582}$$

$$P_B = 15.025$$

$$0.96624$$

$$D_1 = 6.456$$

$$AL = 9.252$$

$$D_2 = 2.375$$

$$F_o = \left(\frac{\frac{.10337}{(D_1 = D_2) \quad (D_1 - D_2)}}{1.582} \right) \left(\frac{P_B}{14.65} \right) T_s$$

$$= \left(\frac{\frac{.10337}{(6.456 + 2.375)} \quad 1.582}{(6.456 - 2.375)} \right) \left(\frac{15.025}{14.65} \right) \times 545 \times 1.00$$

$$\left(\frac{\frac{.10337}{(8.831)} \quad 1.582}{(4.081)} \right) (1.026) (545) (1.00)$$

$$\left(\frac{.10337}{8.831 \times 9.252} \right) = \left(\frac{.10337}{81.704} \right) = .00127$$

$$= .00127 (1.026) (545) (1.00) = 0.7101$$

$$F_o = .7101 \quad F_o \text{ 7" 20\# Cag. w/ 2 3/8 4.7\# Tubing}$$

