

② Skimma System High Pressure Compressor To Zone

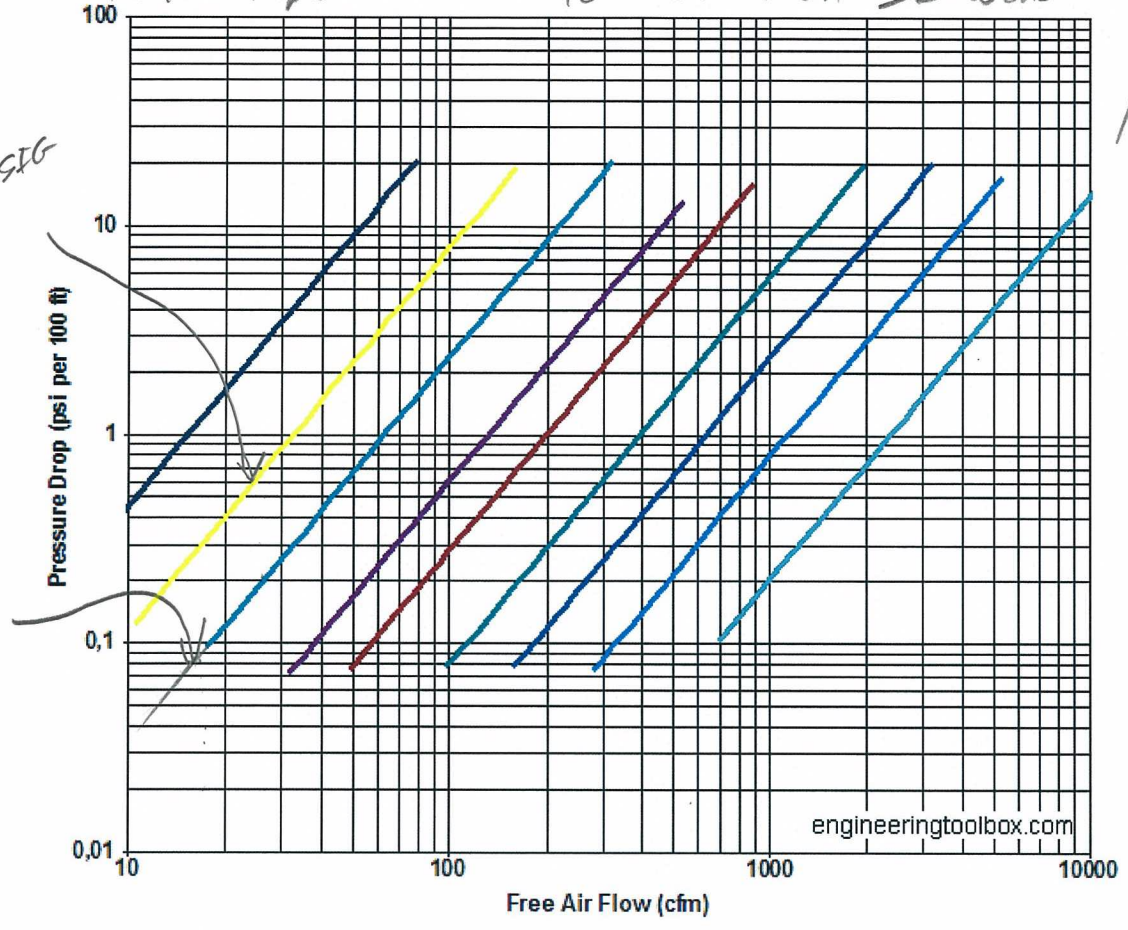
Applied Pressure 100 psig
Per 100' Pipe

16 SCFM all 38 Wells
Distribution - 1" ϕ D/D

Negligible ΔP

① $\Delta P = 0.6$ PSIG

② $\Delta P = 0.08$ PSIG



① T.F. System High Pressure Distribution

3/4" D/D

24 SCFM

$\approx 360'$ To Farthest Zone $\therefore 3 \times 0.6 = 1.8$ PSIG ΔP

Compressed Air Line Sizing Check

TCK Dec. '2014

② Skimmer System Low Pressure Inter-Zone Distribution

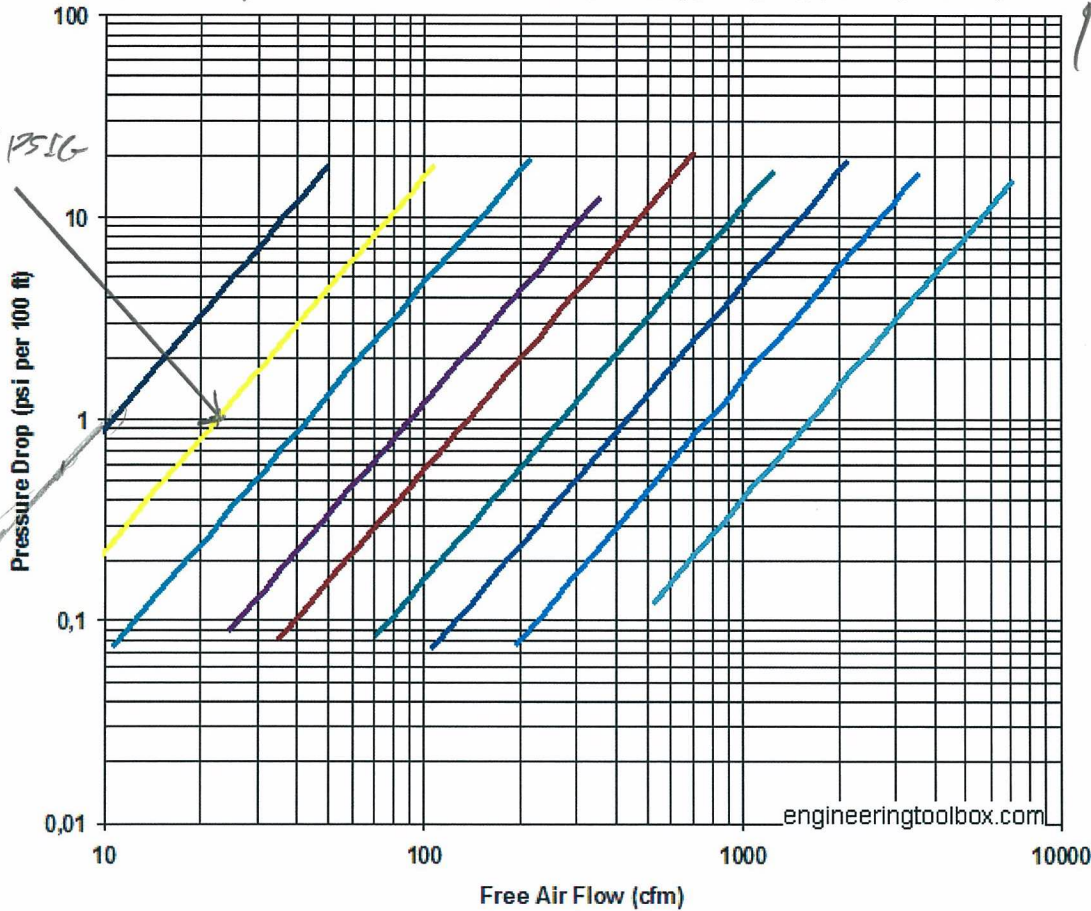
Applied Pressure 50 psig
Per 100' Pipe

0.42 SCFM/Pump x 6 Pumps
Worst Case = 2.52 SCFM

1/2" I.D.

Negligible ΔP

① ΔP = 1 PSIG
② ΔP < 0.1 PSIG



- 1 ft (foot) = 0.3048 m
- 1 cfm = 1.7 m³/h = 0.028 m³/min
- 1 psi = 0.069 bar = 0.070 kg/cm²

① TF System Low Pressure Inter-Zone Distribution
3/4" I.D.

Worst Case 6 Wells @ 4 GPM EA

@ 1 SCFM/GPM

$$\frac{3.60'}{100} \times 1 \text{ PSIG} = \frac{24 \text{ SCFM}}{3.6 \text{ PSIG } \Delta P}$$

Compressed Air Line Sizing Check

TRC Dec. '2014