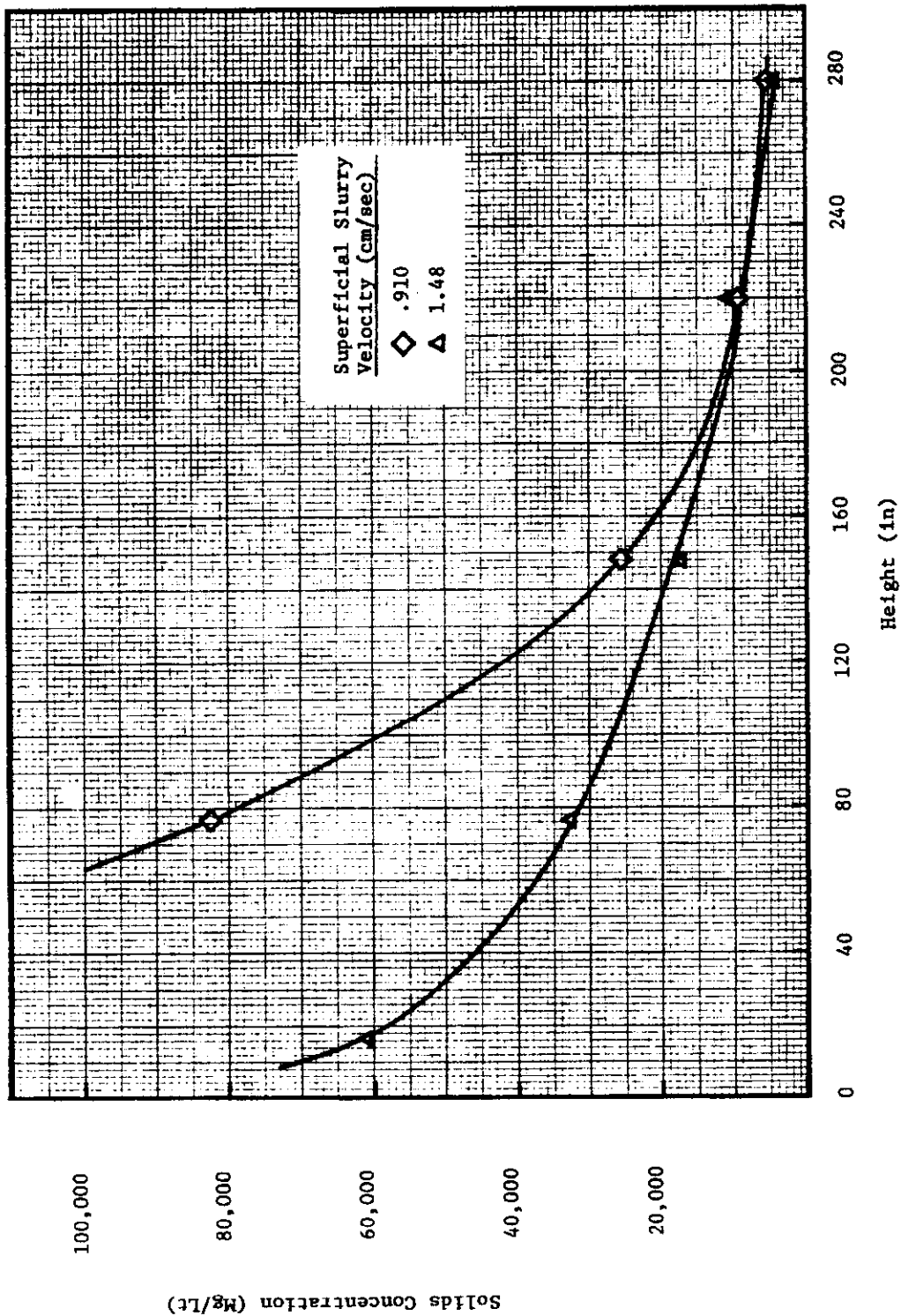


Figure 30
 Concentration Gradient of Solids Superficial Slurry Velocity
 Initial Charge - 5 wt %, 70-140 Mesh Glass Beads
 Gas Superficial Velocity = 9.0 cm/sec



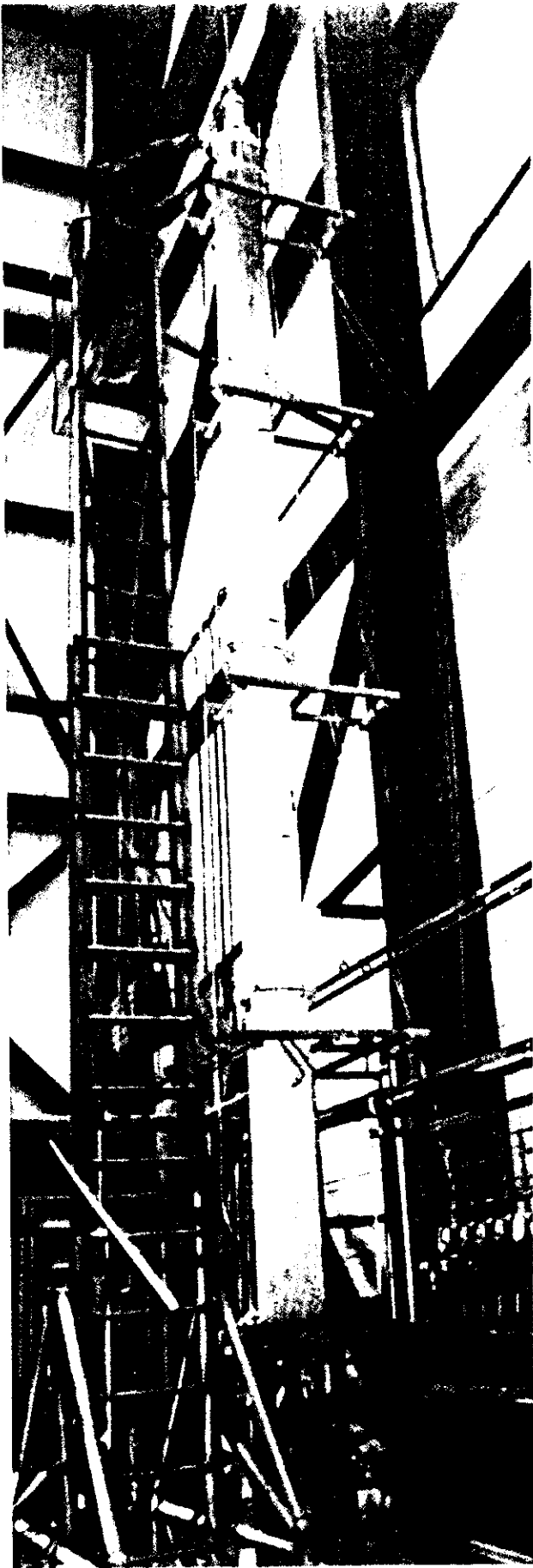


Figure 81-4
Gas velocity = 1.5 ft/sec
Liquid velocity = 0.5 ft/sec
Time = 10 sec

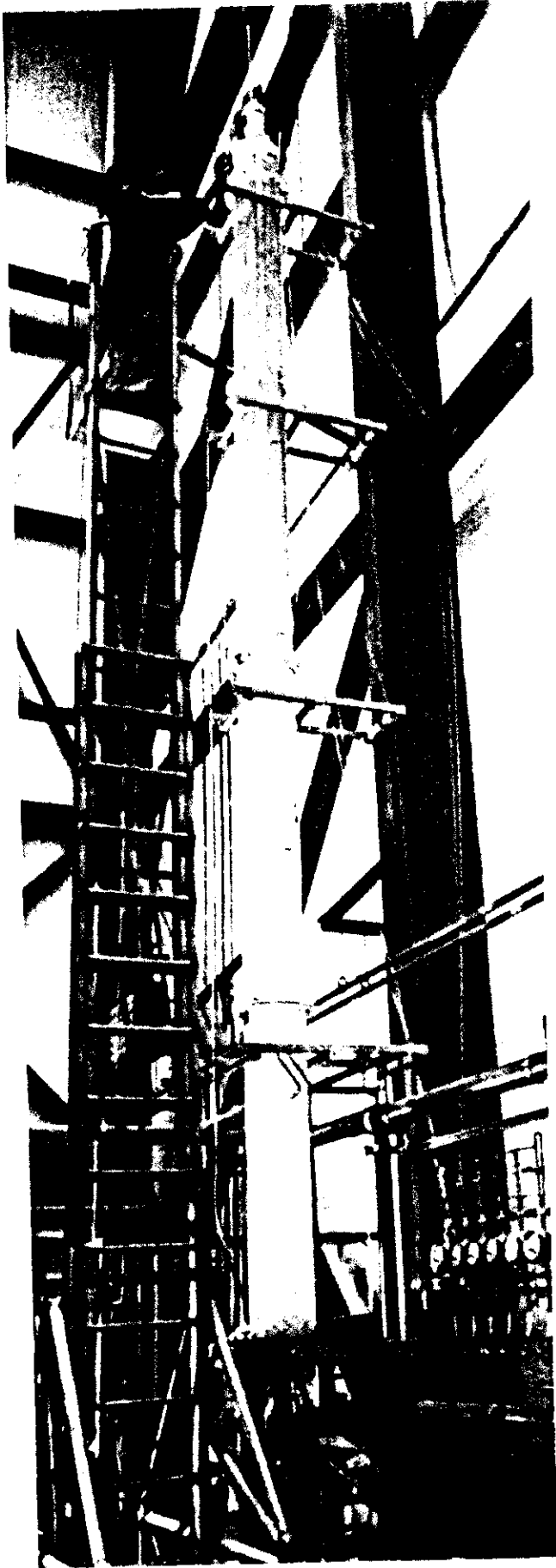


Figure 31 (B)
Gas Velocity 4.5 cm/sec
Liquid Velocity = 0 cm/sec
Time = 40 sec

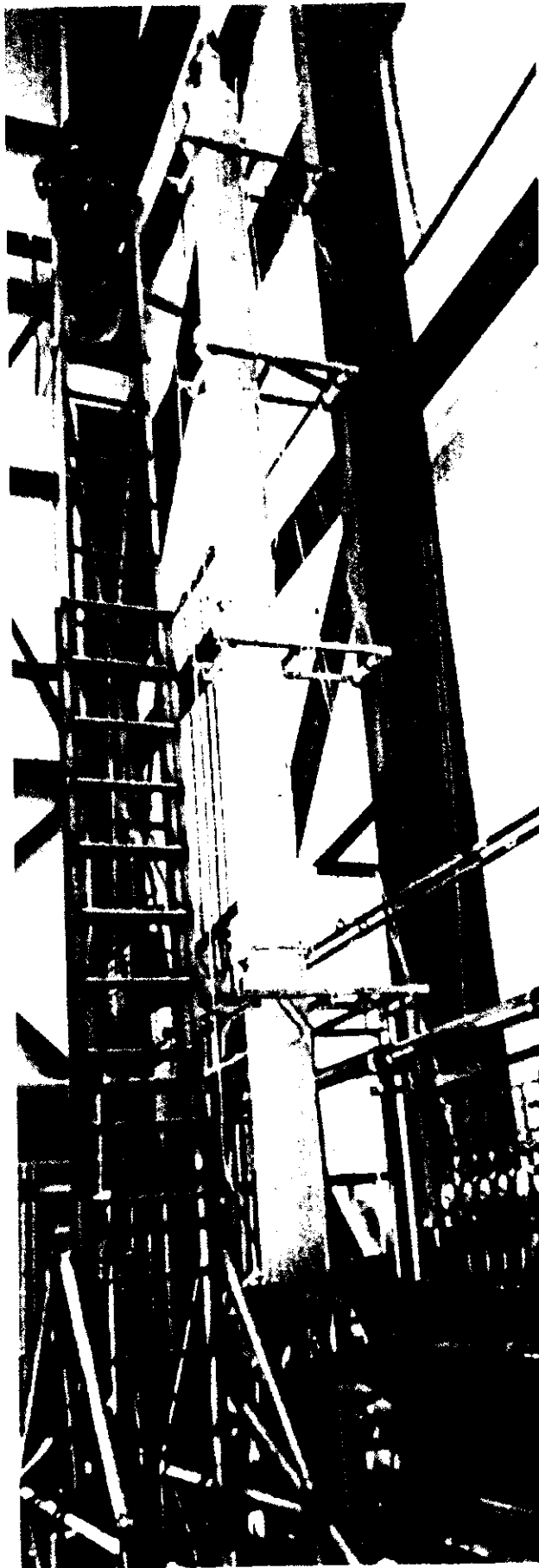


Figure 3: (c)
Gas Velocity = 4.5 cm/sec
Liquid Velocity = 0 cm/sec
Time = 110 sec

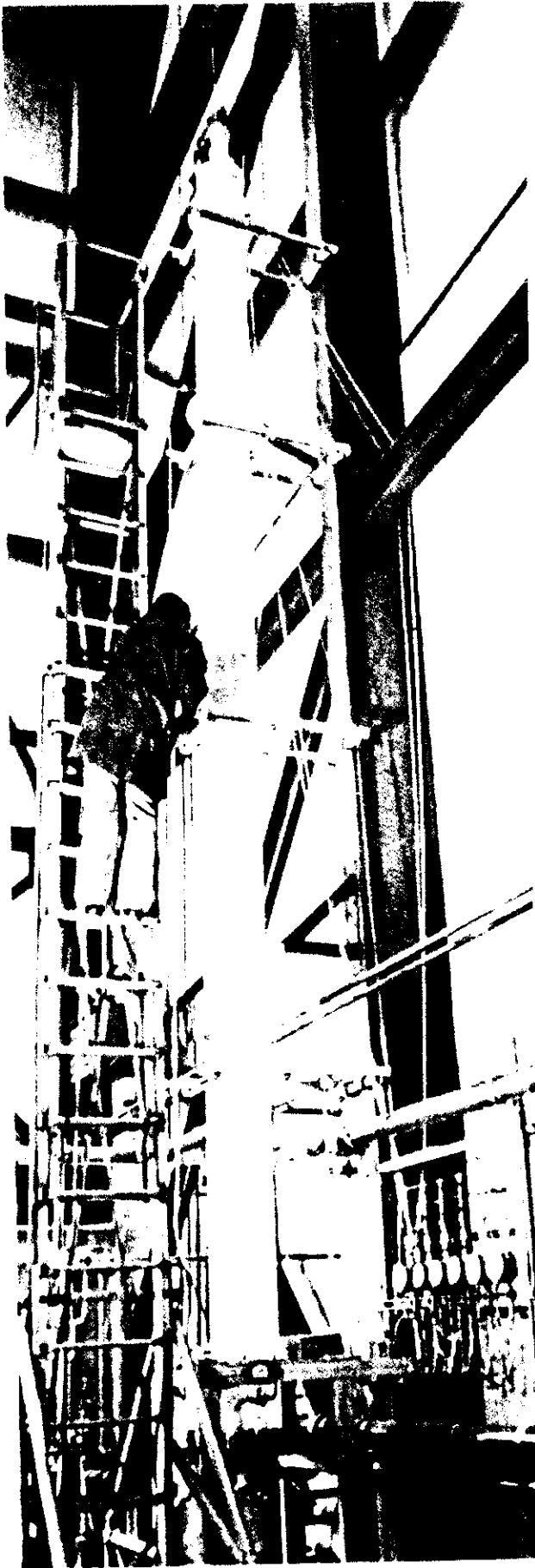


Figure 32.14
Gas velocity, 4.7 ft/sec
Liquid velocity, 1.0 ft/sec
Time, 0.5 sec.

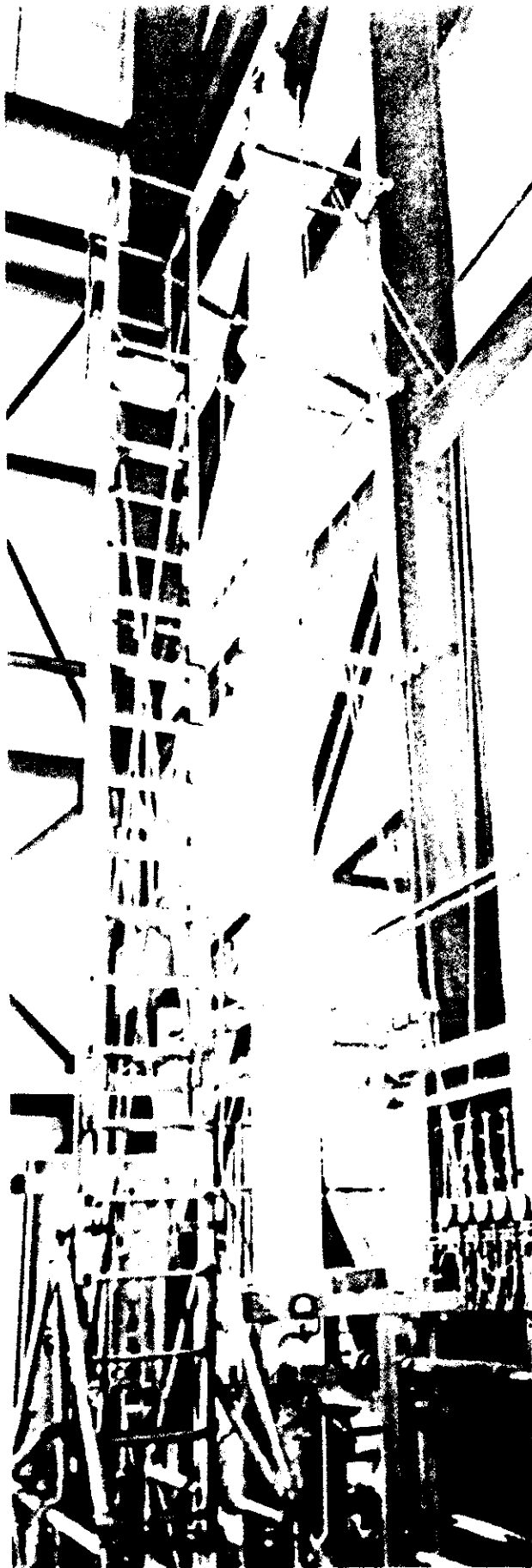


Figure 3
Gas separator
Time = 0.5 sec



Figure 32-10
Gas velocity = 4.6 ft/sec
Liquid velocity = 0 ft/sec
Time = 0.10 sec