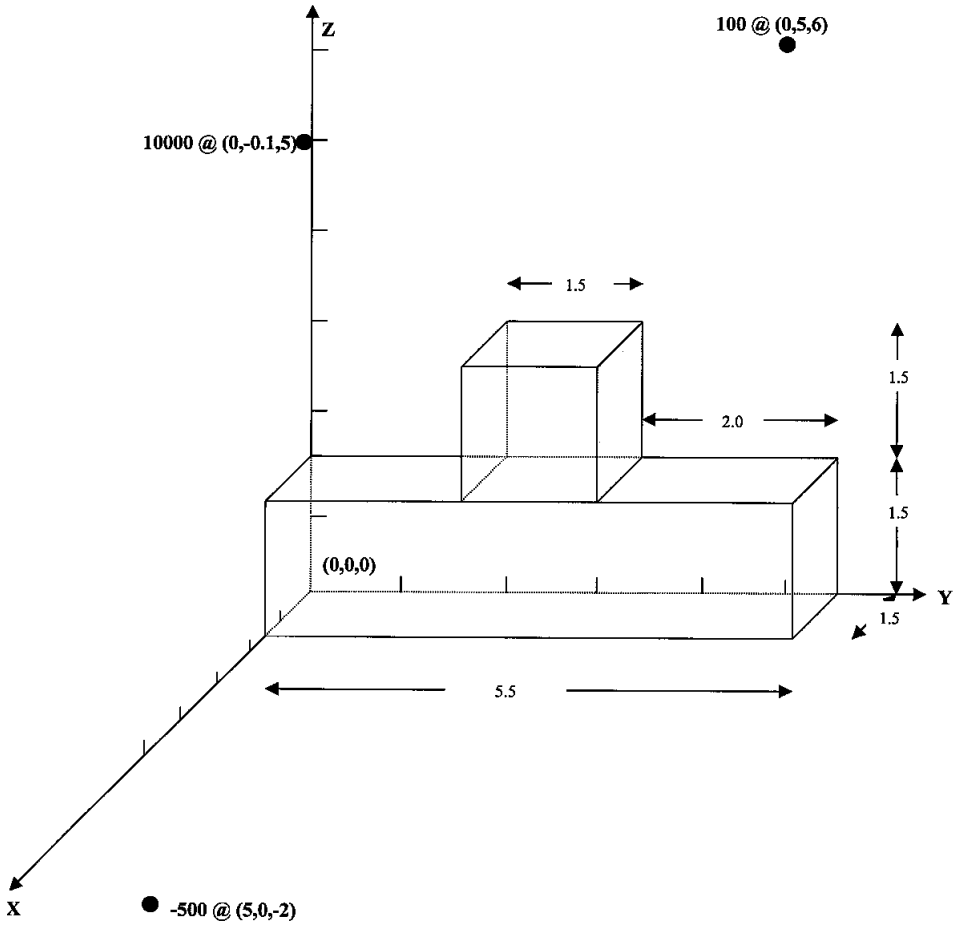

Figure 7a. 3-D Solid T-Shaped Stand Geometry showing Sink and Sources

$$f(x,y,z) = \frac{-500}{[(x-5)^2 + (y-0)^2 + (z+2)^2]^{1/2}}$$

$$+ \frac{10000}{[(x-0)^2 + (y+0.1)^2 + (z-5)^2]^{1/2}}$$

$$+ \frac{100}{[(x-0)^2 + (y-5)^2 + (z-6)^2]^{1/2}}$$

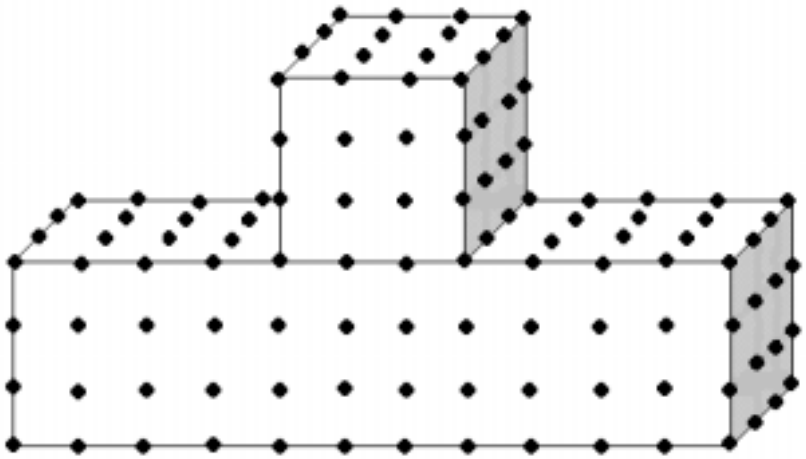

Figure 7b. **3-D Domain and Integration Point**

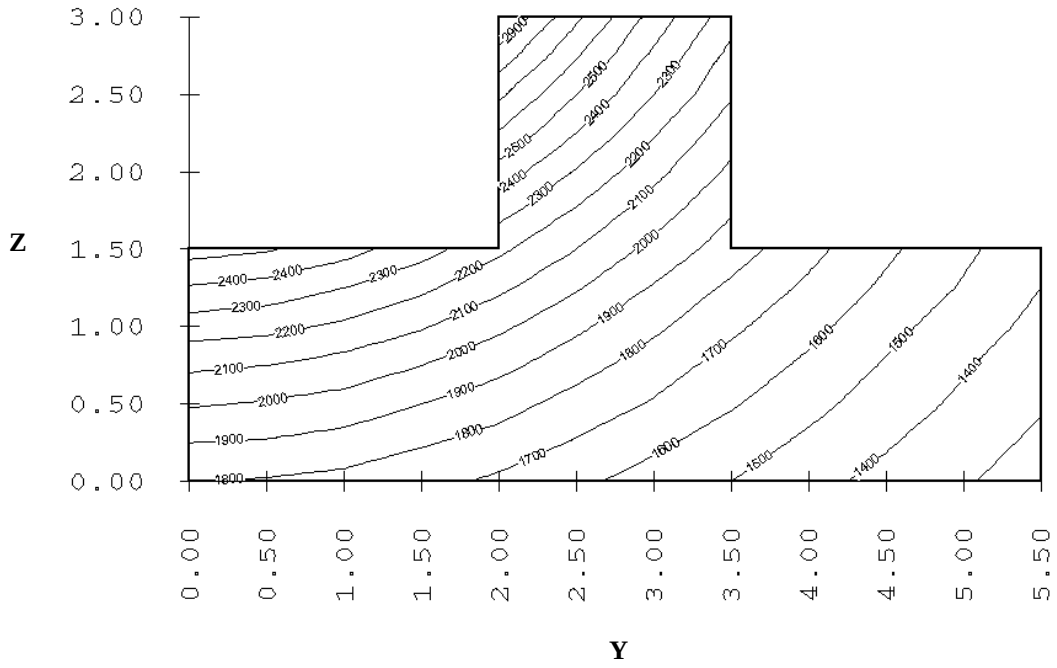

Figure 7c. **Exact Solution on X=1.5**

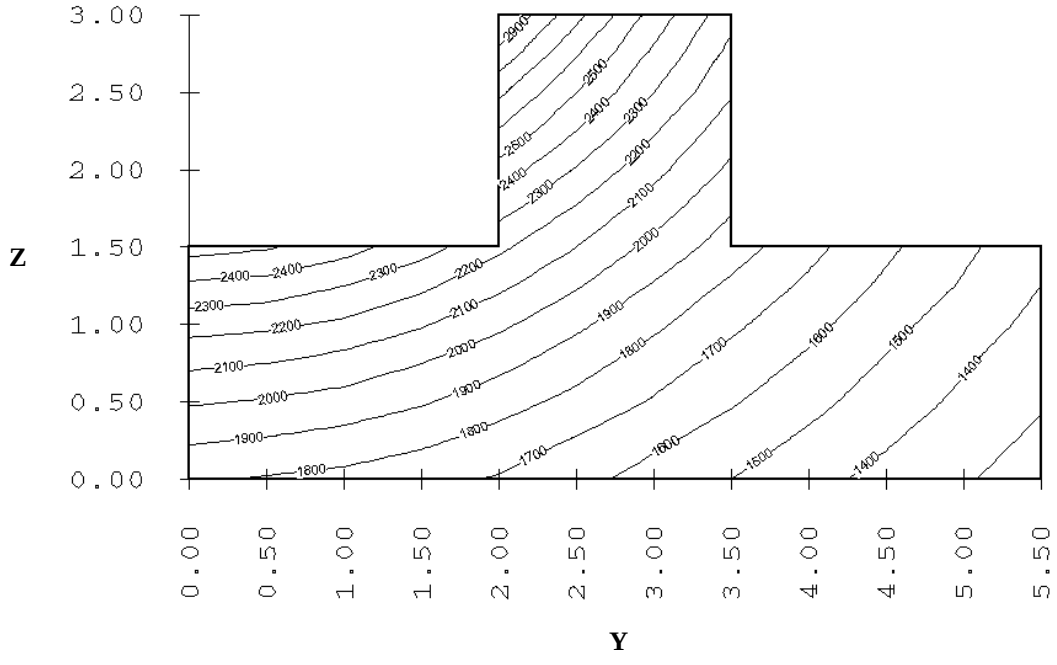

Figure 7d. **Approximation Solution on X=1.5**

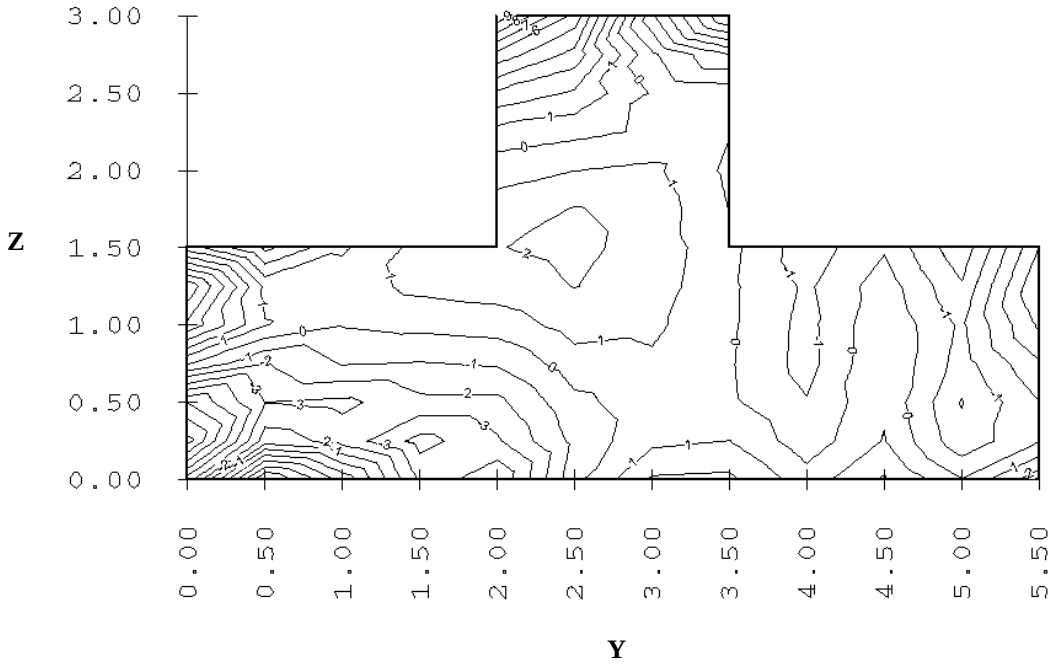

Figure 7e. **Approximation Error on X=1.5**