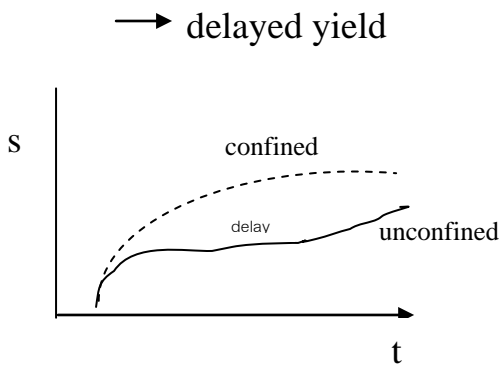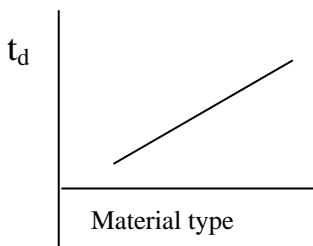# 4.5 Unsteady Radial flow in unconfined aquifer

→ delayed yield

→ to define third segment
→ minimum length of
   pumping test
   Transitivity → Fig 4.16

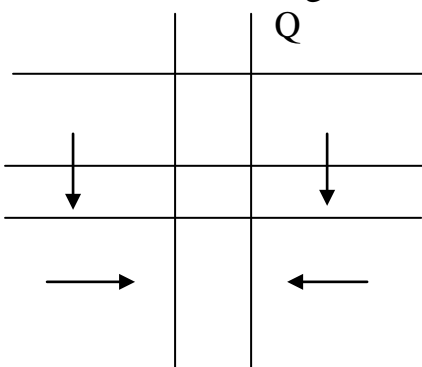$$t_{min} \leftrightarrow \frac{t_{min}}{t_d} \leftarrow S, T$$

delay index

fined sand 30 hrs.
for unconfined aquifer

4.6 Unsteady Radial Flow
in a leaky aquifer

Fig 4.6.1
Q

$$s = \frac{Q}{4\pi T} W\left(u, \frac{r}{B}\right)$$

$$\frac{r}{B} = \frac{r}{\sqrt{T/(K^1/b^1)}}$$

$T =$
$K^1 =$
$b^1 =$

→ Theis method of solution Fig 4.6.2