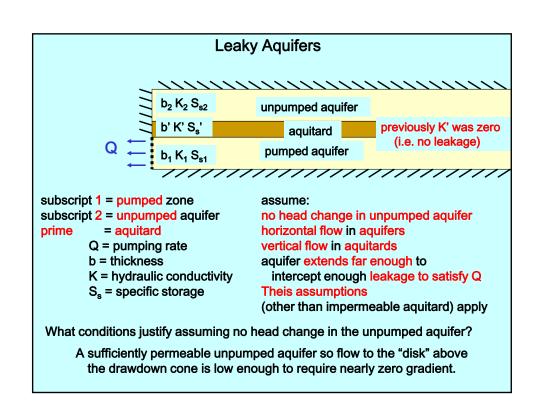
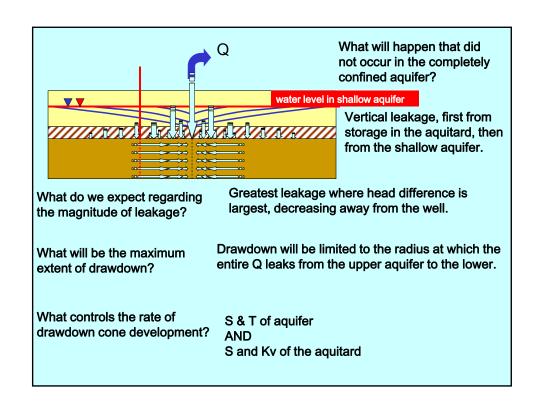
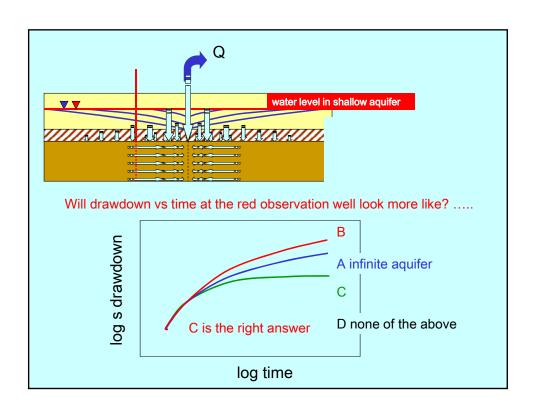
Points deducted Points earned Scaled Score +25 -43.3 56.7 / 100 81.7

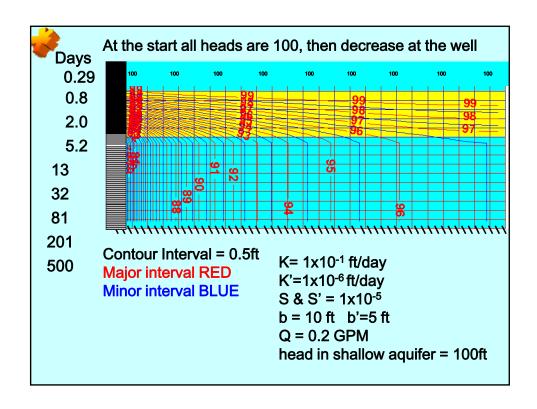
Average = 81.7		#students	%students	
Α	>90	16	33	
В	80-90	8	17	50
С	70-80	12	25	
D	60-70	5	10	
F	50-60	4	8	
F	<50	3	6	

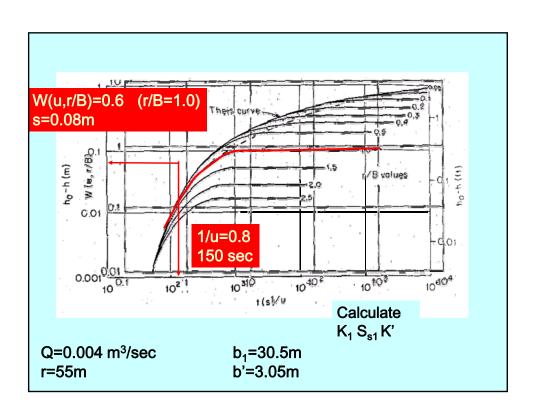
EXAM and KEYS are on the class web page Let's review that now

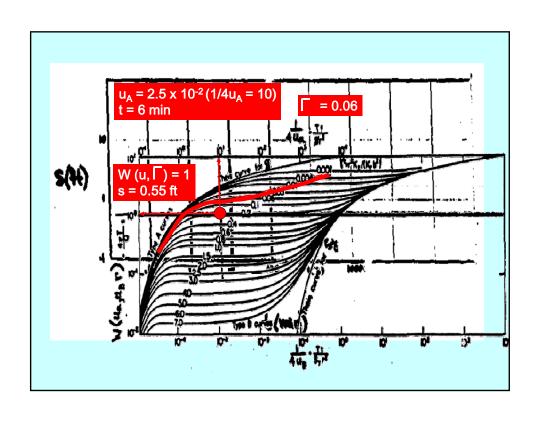


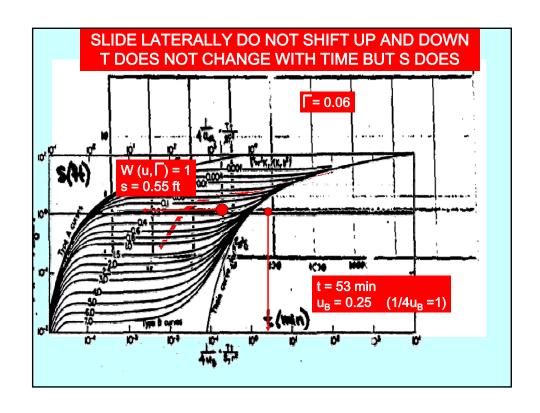












$$\begin{array}{lll} \text{Match} & \text{Calculate T S K}_{v} \text{ K}_{h} \text{ S}_{y} \\ \text{early time} & \Gamma = 0.06 \\ \text{W } (u, \Gamma) = 1 \\ u_{A} = 2.5 \times 10^{-2} (1/4 u_{A} = 10) \\ t = 6 \text{ min} \\ \text{s} = 0.55 \text{ ft} \\ Q = 144.4 \text{ ft}^{3}/\text{min} \\ r = 73 \text{ ft} \\ b = 100 \text{ ft} \\ \\ \text{Iate time same } \Gamma \\ \text{slide horizontally} \\ \text{same s} = 0.55 \\ t = 53 \text{ min} \\ u_{B} = 0.25 \\ \end{array} \qquad \begin{array}{ll} \text{Late time match results:} \\ \text{T Same (match by sliding horizontally)} \\ \text{S}_{y} = \frac{4u_{B} \text{Tt}}{r^{2}} = \frac{4(0.25)\left(20.9 \frac{\text{ft}^{2}}{\text{min}}\right) 6 \text{min}}{(73 \text{ft})^{2}} = 2 \times 10^{-3} \\ \text{Late time match results:} \\ \text{T Same (match by sliding horizontally)} \\ \text{K}_{H} = \frac{T}{b} = 2 \times 10^{-1} \frac{\text{ft}}{\text{min}} \\ \text{K}_{V} = \frac{\Gamma b^{2} \text{K}_{H}}{r^{2}} = \frac{0.06 (100 \text{ft})^{2} 0.2 \frac{\text{ft}}{\text{min}}}{(73 \text{ft})^{2}} = 2 \times 10^{-2} \frac{\text{ft}}{\text{min}} \end{array}$$