

(b) ho = original thickness = 50 - 20,4 = 29,6 m = ho) after pumping hw = 29.6-9.14 = [20.46 m = hw] (C) Q= TK (hz2-hz2) => K= Q en(rz/r) == K= TT (hz2-hz2)

K= (6500 km) ln (0.15 m/1100 m) . 1 m² . 1 món = (6.7 × 10 4 m/s)

TT (20.462 - 29.62) m² . 1000 y . 605 = (6.7 × 10 4 m/s)

(d) algebra: $h_2^2 - h_1^2 = \frac{(2 \text{ In } (2/r))}{77 \text{ K}}$ 50 h2= h2 + Qen (12/11) = (29,6 m) + 1500 mg ln (0.15/100) (1m3) (1mx) (100) (100) (100) (100) note: Used origivalue Stored in calculator W/ more sig fig = 876,16 - 105,59 = 770,57 hz= 1770,59 = 27.76 ft = hz = hw 50 Sw = ho-hw = 29.6 - 27.76 = 1.84 m = Sw

makes sense... lower & so less drawdown