



D4B, SLUG TEST 1

Data Set: K:\...\D4B_test1.aqt
 Date: 05/20/15

Time: 16:15:59

PROJECT INFORMATION

Location: LKB
 Test Date: 3/7/2005

AQUIFER DATA

Saturated Thickness: 225. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (D4B)

Initial Displacement: 7.901 ft
 Total Well Penetration Depth: 10. ft
 Casing Radius: 0.17 ft

Static Water Column Height: 10. ft
 Screen Length: 5. ft
 Well Radius: 0.42 ft
 Gravel Pack Porosity: 0.2

SOLUTION

Aquifer Model: Unconfined
 $K = 17.59$ ft/day

Solution Method: Bouwer-Rice
 $y_0 = 8.434$ ft