



D1A, SLUG TEST 1

Data Set: K:\...\D1A_test1.aqt
 Date: 05/20/15

Time: 16:13:01

PROJECT INFORMATION

Location: LKB
 Test Date: 9/18/2005

AQUIFER DATA

Saturated Thickness: 225. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (D1A)

Initial Displacement: 8.584 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
 $K = 3.979$ ft/day

Solution Method: Bouwer-Rice
 $y_0 = 9.907$ ft