



D3A, SLUG TEST 2

Data Set: K:\...\D3A_test2.aqt
 Date: 05/20/15

Time: 16:14:59

PROJECT INFORMATION

Location: LKB
 Test Date: 9/17/2005

AQUIFER DATA

Saturated Thickness: 225. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (D3A)

Initial Displacement: 7.688 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
 $K = 0.7797$ ft/day

Solution Method: Bouwer-Rice
 $y_0 = 8.068$ ft