



B3-A, SLUG TEST 1

Data Set: K:\...\B3-A\_test1.aqt  
 Date: 05/20/15

Time: 16:09:07

PROJECT INFORMATION

Location: LKB  
 Test Date: 3/5/2005

AQUIFER DATA

Saturated Thickness: 170. ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (B3-A)

Initial Displacement: 8.889 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  
 $K = 1.146$  ft/day

Solution Method: Bouwer-Rice  
 $y_0 = 10.26$  ft