



D5C, SLUG TEST 1

Data Set: K:\...\D5C\_test1.aqt  
 Date: 05/20/15

Time: 16:16:49

PROJECT INFORMATION

Location: LKB  
 Test Date: 9/16/2005

AQUIFER DATA

Saturated Thickness: 225. ft

Anisotropy Ratio ( $K_z/K_r$ ): 0.1

WELL DATA (D5C)

Initial Displacement: 10.31 ft  
 Total Well Penetration Depth: 12. ft  
 Casing Radius: 0.17 ft

Static Water Column Height: 12. ft  
 Screen Length: 5. ft  
 Well Radius: 0.42 ft  
 Gravel Pack Porosity: 0.2

SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 12.62$  ft/day

$y_0 = 10.42$  ft