



D3C, SLUG TEST 1

Data Set: K:\...\D3C_test1.aqt

Date: 05/20/15

Time: 16:15:25

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 (D3C)

Initial Displacement: 11.45 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

$K = 3.011$ ft/day

Solution Method: Bouwer-Rice

$y_0 = 13.04$ ft