



RA2-DEEP, SLUG TEST 1

Data Set: K:\...\RA2_deep_test1.aqt

Date: 05/20/15

Time: 16:18:14

PROJECT INFORMATION

Location: LKB

Test Date: 3/31/2005

AQUIFER DATA

Saturated Thickness: 225. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (RA2-Deep)

Initial Displacement: 6.823 ft

Static Water Column Height: 120. ft

Total Well Penetration Depth: 120. ft

Screen Length: 30. ft

Casing Radius: 0.17 ft

Well Radius: 0.42 ft

Gravel Pack Porosity: 0.2

SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

$K = 13.99$ ft/day

$y_0 = 5.717$ ft