

WELL TEST ANALYSIS

Data Set: P:\...\JLS-11 Slug 1 Hvorslev.aqt
 Date: 03/22/21

Time: 12:28:29

PROJECT INFORMATION

Company: ERM
 Project: 0519829
 Location: Iberia Parish, Louisiana
 Test Well: JLS-11

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (JLS-11 Slug 1)

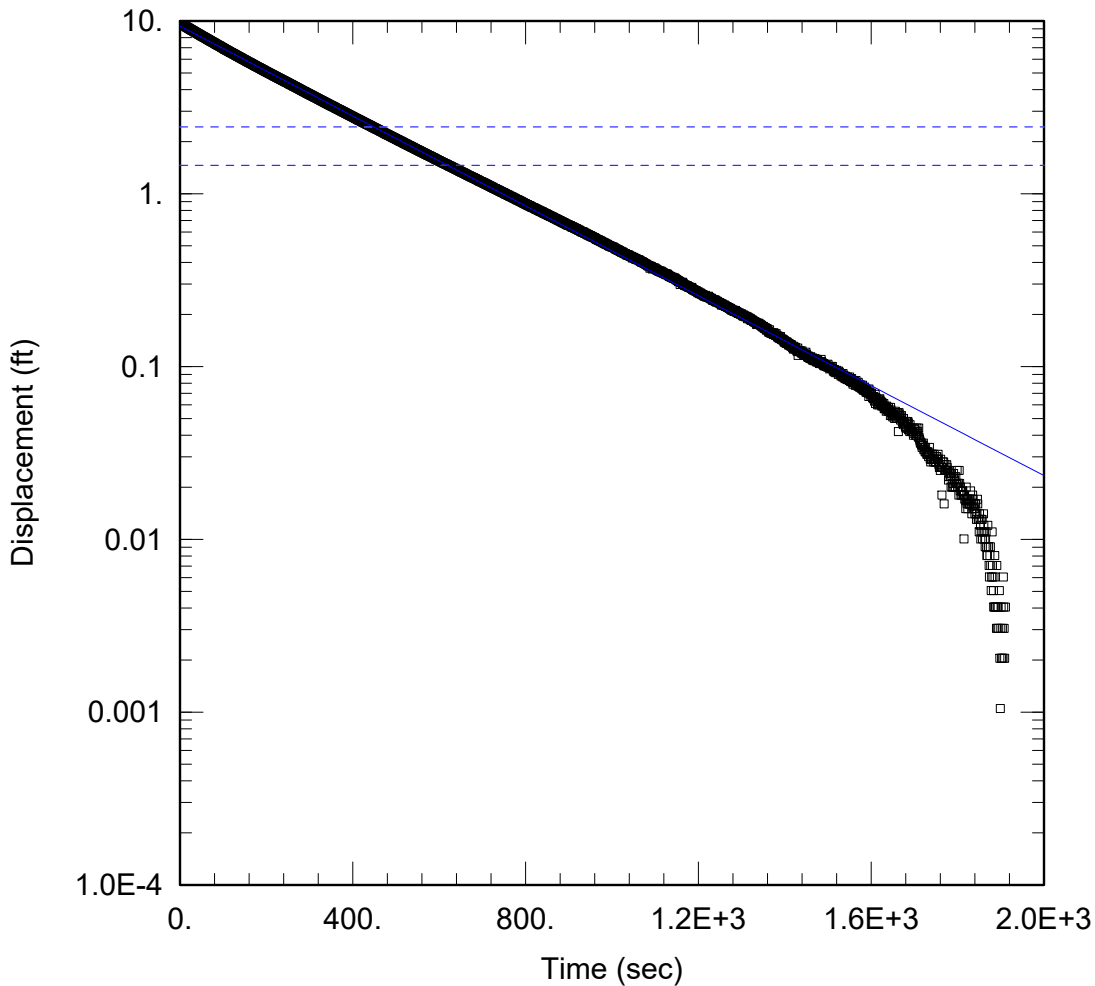
Initial Displacement: 9.797 ft
 Total Well Penetration Depth: 5. ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 29.27 ft
 Screen Length: 5. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 $K =$ 0.114 ft/day

Solution Method: Hvorslev
 $y_0 =$ 8.559 ft



WELL TEST ANALYSIS

Data Set: P:\...\JLS-11 Slug 2 Hvorslev.aqt
Date: 03/22/21

Time: 12:30:01

PROJECT INFORMATION

Company: ERM
Project: 0519829
Location: Iberia Parish, Louisiana
Test Well: JLS-11

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (JLS-11 Slug 2)

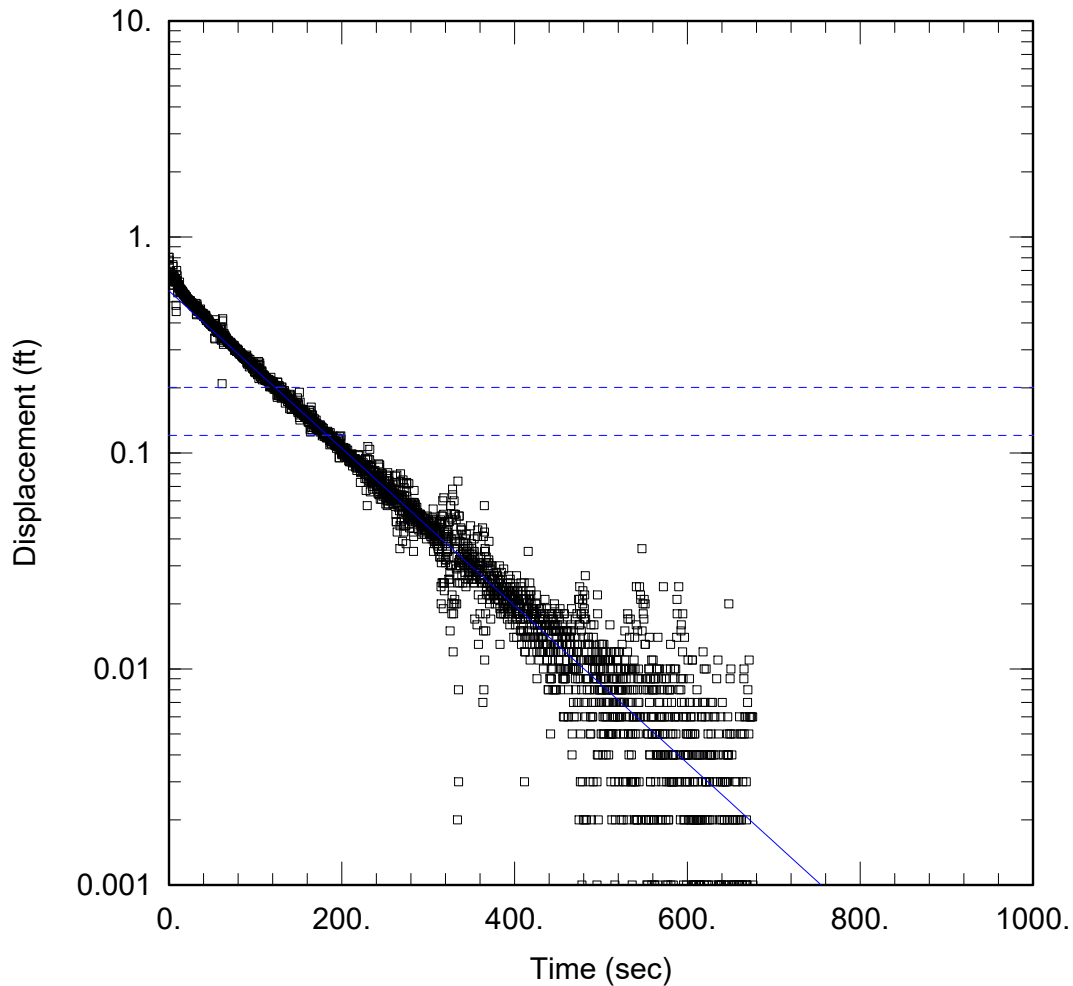
Initial Displacement: 9.736 ft
Total Well Penetration Depth: 5. ft
Casing Radius: 0.03125 ft

Static Water Column Height: 29.27 ft
Screen Length: 5. ft
Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
K = 0.119 ft/day

Solution Method: Hvorslev
 y_0 = 9.335 ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-1 Slug 1 In Hvorslev.aqt

Date: 03/05/21

Time: 13:46:23

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-1

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-1 Slug 1 In)

Initial Displacement: 0.804 ft

Static Water Column Height: 30.75 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

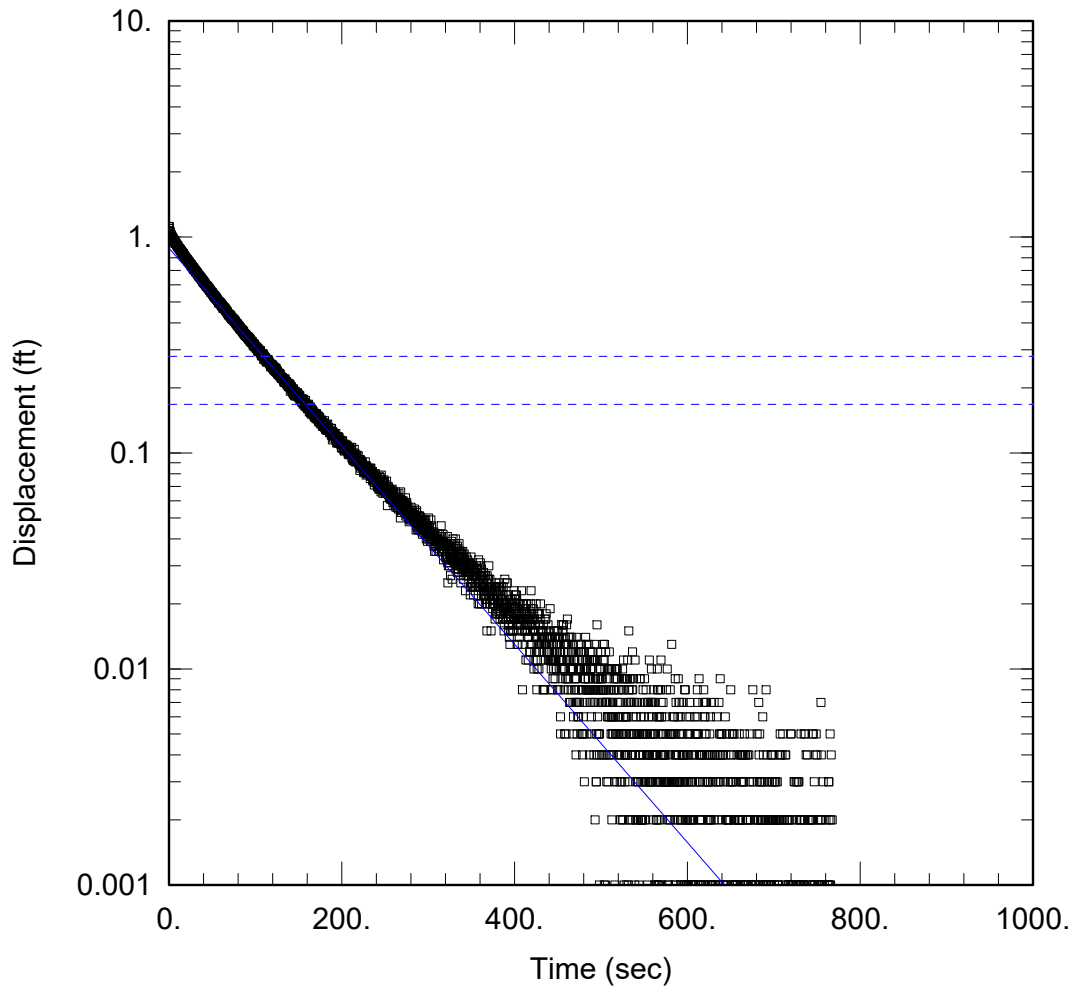
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K =$ 0.6251 ft/day

$y_0 =$ 0.5623 ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-1 Slug 1 Out Hvorslev.aqt

Date: 03/05/21

Time: 13:48:12

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-1

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-1 Slug 1 Out)

Initial Displacement: 1.119 ft

Static Water Column Height: 30.75 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

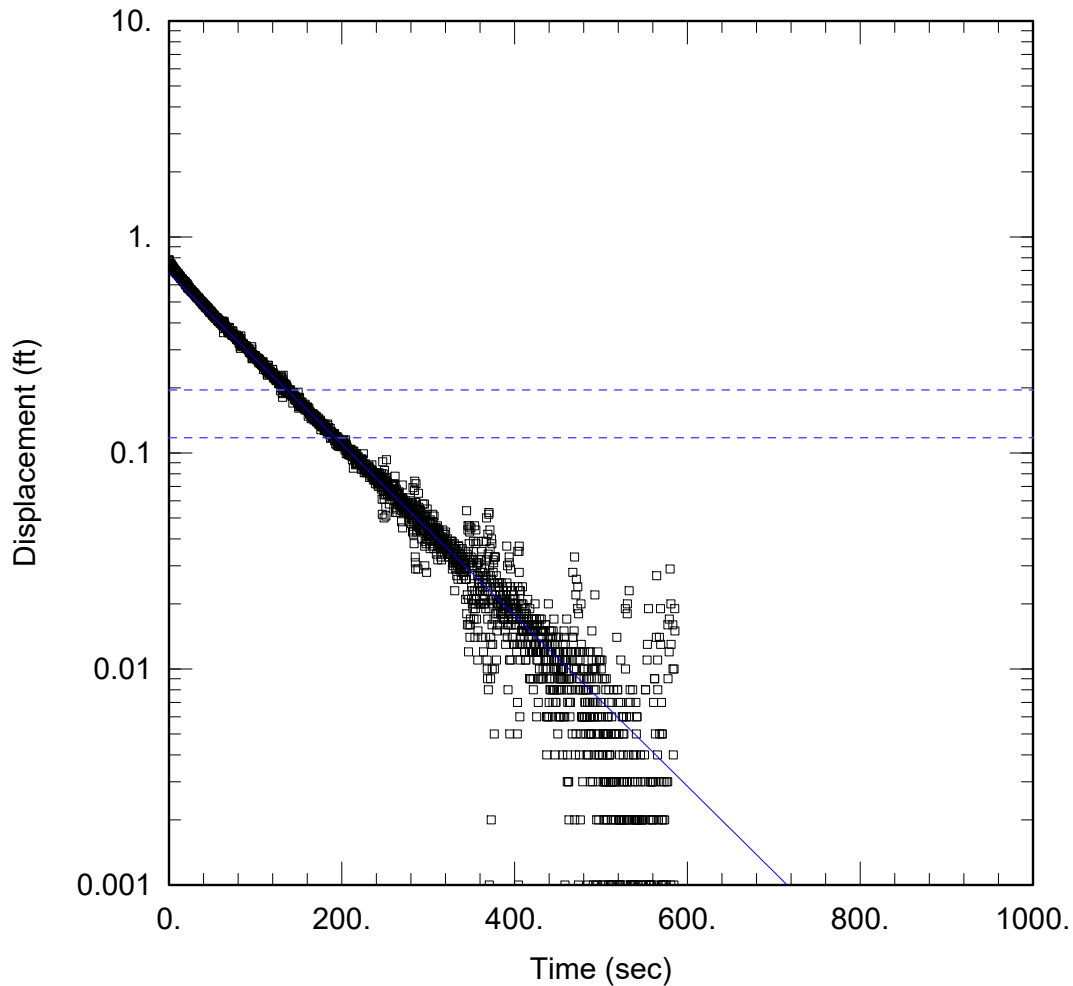
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.7867$ ft/day

$y_0 = 0.8872$ ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-1 Slug 2 In Hvorslev.aqt

Date: 03/05/21

Time: 14:30:29

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-1

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-1 Slug 2 In)

Initial Displacement: 0.783 ft

Static Water Column Height: 30.75 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

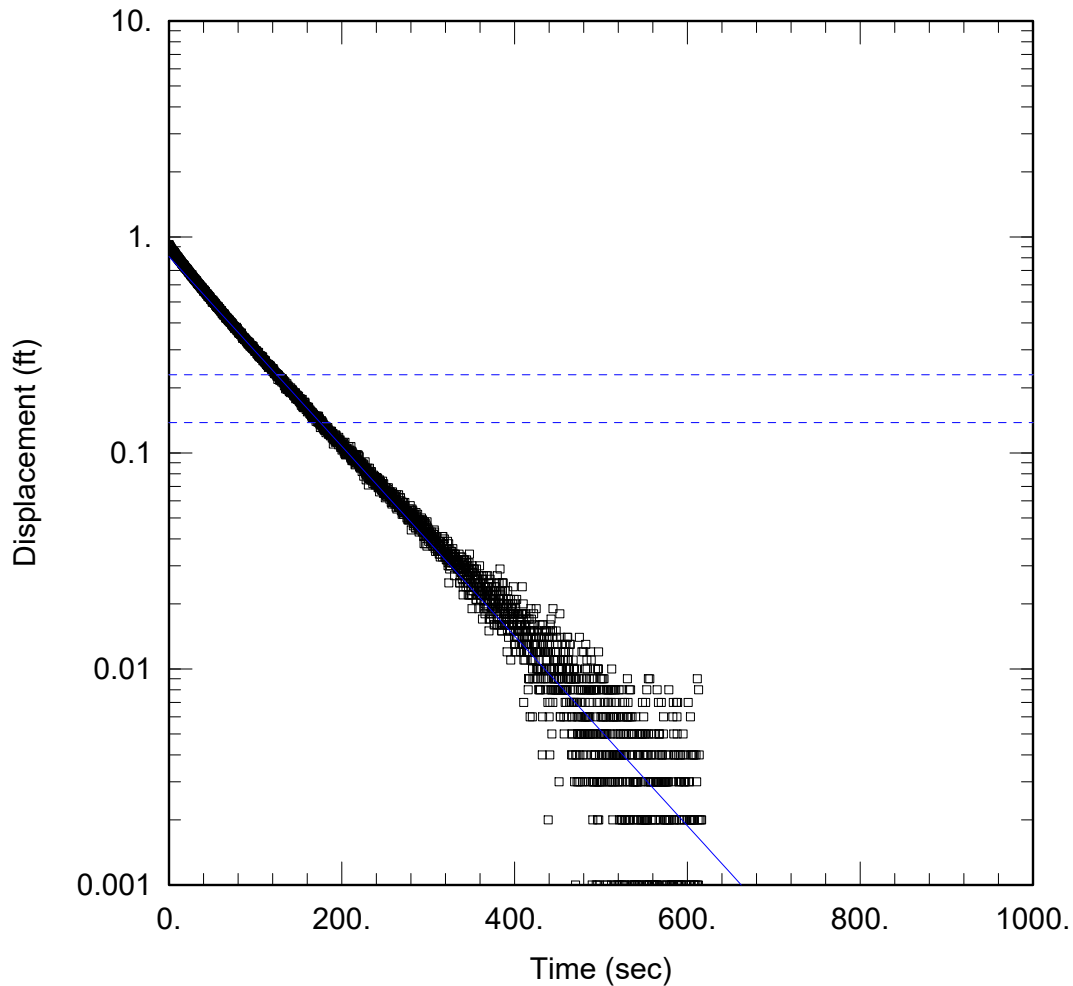
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.6789$ ft/day

$y_0 = 0.6778$ ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-1 Slug 2 Out Hvorslev.aqt

Date: 03/05/21

Time: 15:28:56

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-1

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-1 Slug 2 Out)

Initial Displacement: 0.921 ft

Static Water Column Height: 30.75 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

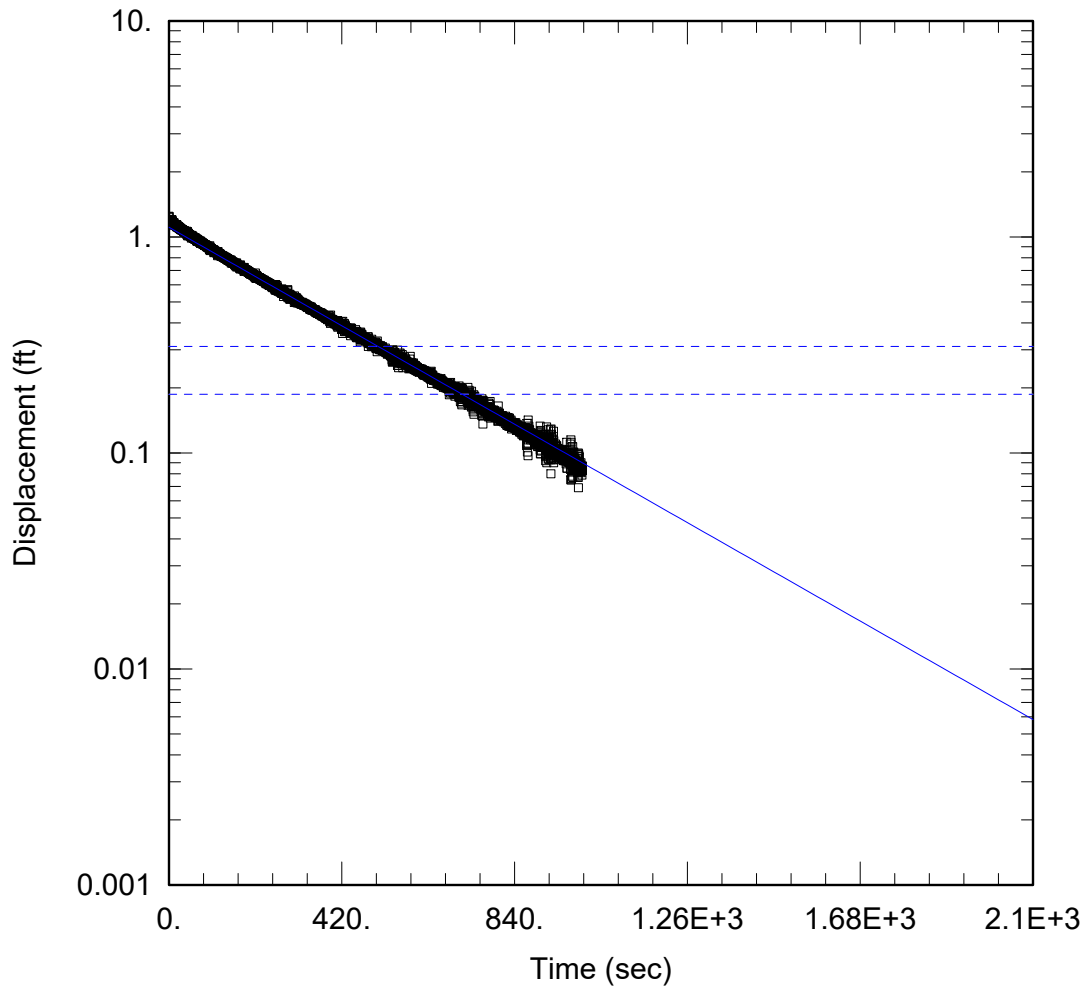
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.7536$ ft/day

$y_0 = 0.8113$ ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-2 Slug 1 In Hvorslev.aqt

Date: 03/05/21

Time: 14:37:45

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-2

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-2 Slug 1 In)

Initial Displacement: 1.245 ft

Static Water Column Height: 30.75 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

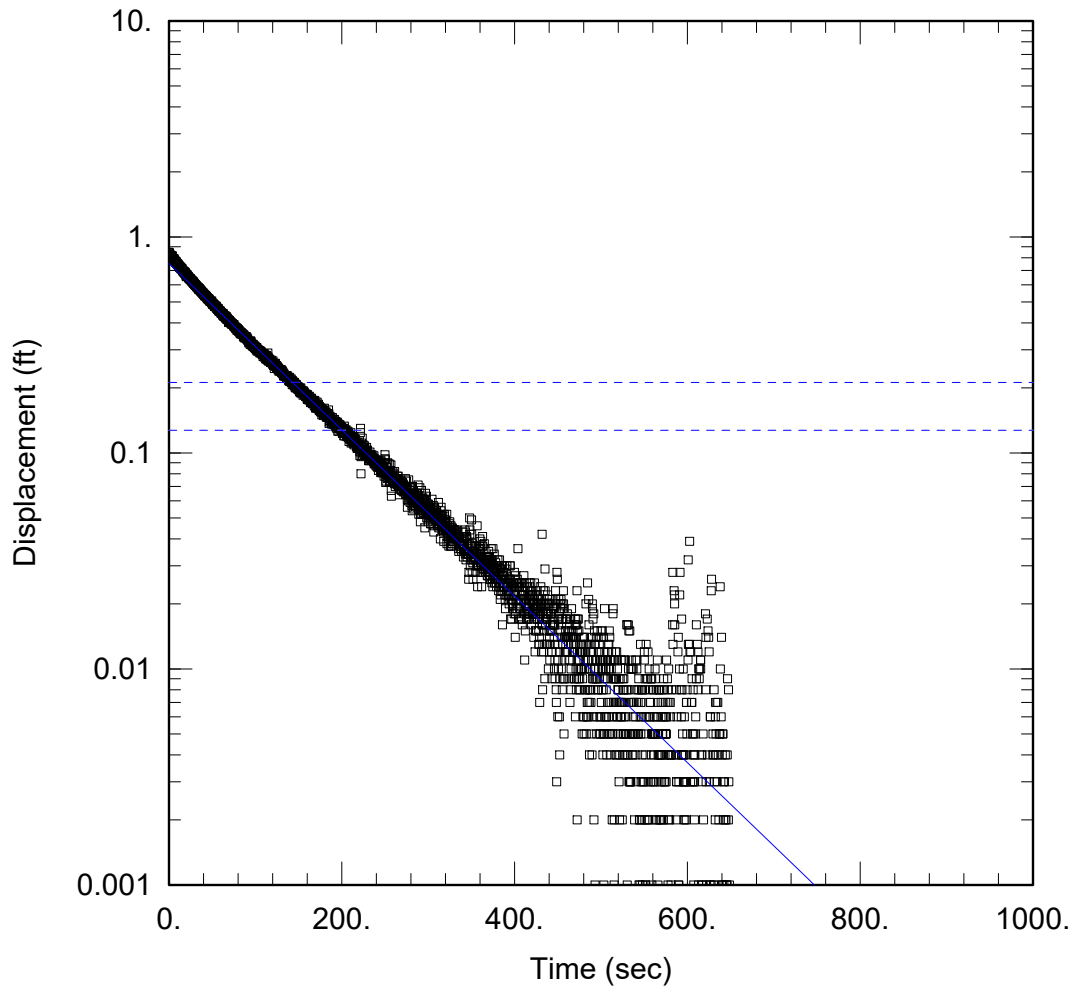
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.1862$ ft/day

$y_0 = 1.108$ ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-1 Slug 3 In Hvorslev.aqt

Date: 03/05/21

Time: 14:33:57

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-1

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-1 Slug 3 In)

Initial Displacement: 0.848 ft

Static Water Column Height: 30.75 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

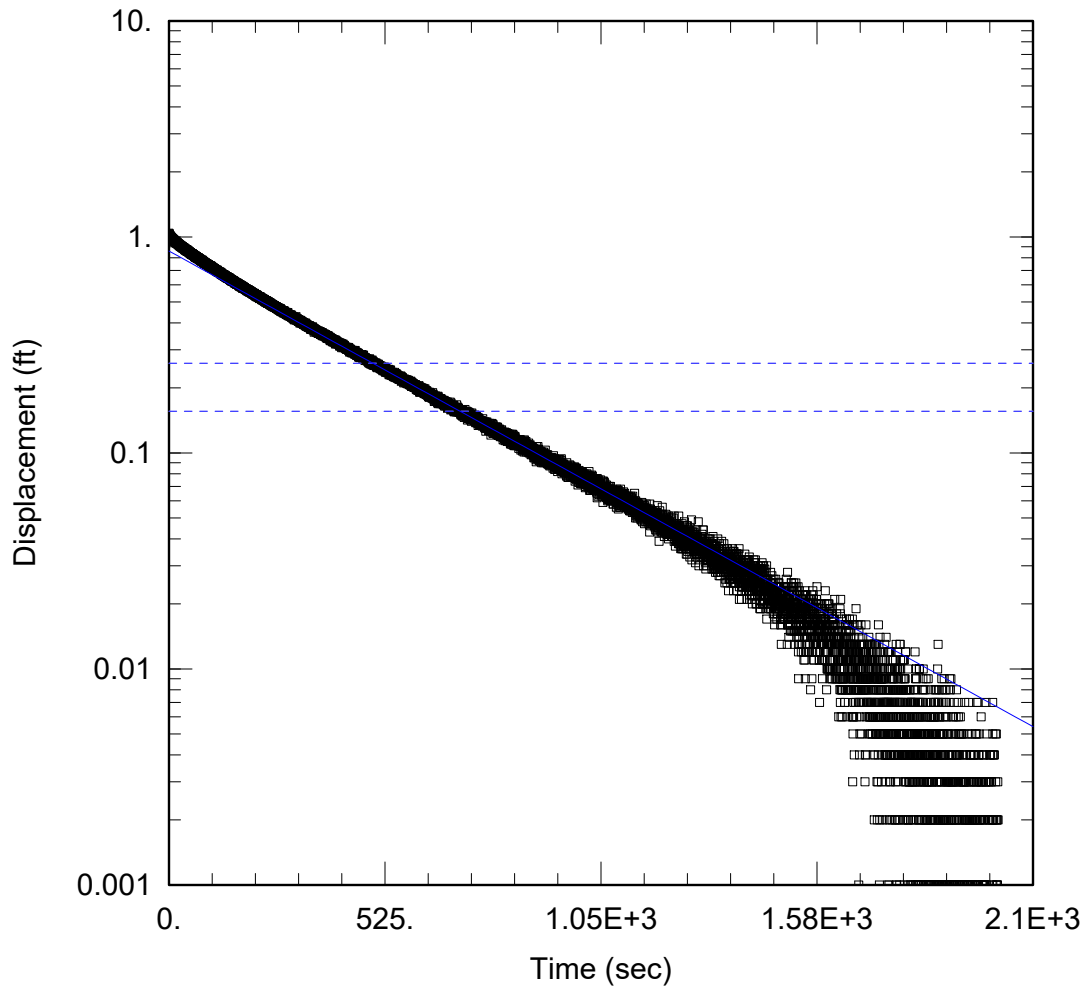
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.6608$ ft/day

$y_0 = 0.754$ ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-2 Slug 1 Out Hvorslev.aqt
 Date: 03/05/21

Time: 15:30:05

PROJECT INFORMATION

Company: ERM
 Project: 0519829
 Location: Iberia Parish, Louisiana
 Test Well: MW-2

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-2 Slug 1 Out)

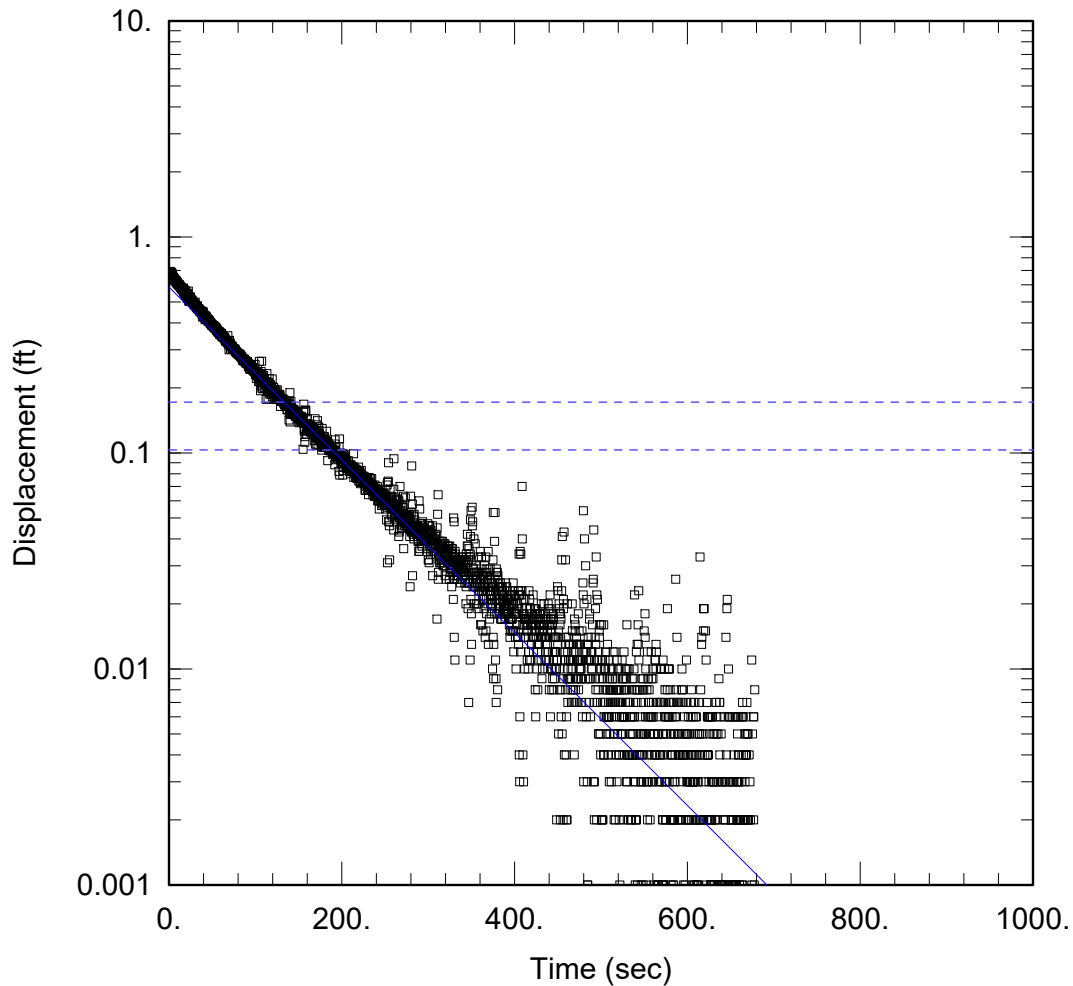
Initial Displacement: 1.04 ft
 Total Well Penetration Depth: 5. ft
 Casing Radius: 0.04167 ft

Static Water Column Height: 30.75 ft
 Screen Length: 5. ft
 Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined
 K = 0.1799 ft/day

Solution Method: Hvorslev
 y_0 = 0.8602 ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-3 Slug 1 In Hvorslev.aqt

Date: 03/05/21

Time: 14:41:12

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-3

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-3 Slug 1 In)

Initial Displacement: 0.688 ft

Static Water Column Height: 31.03 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

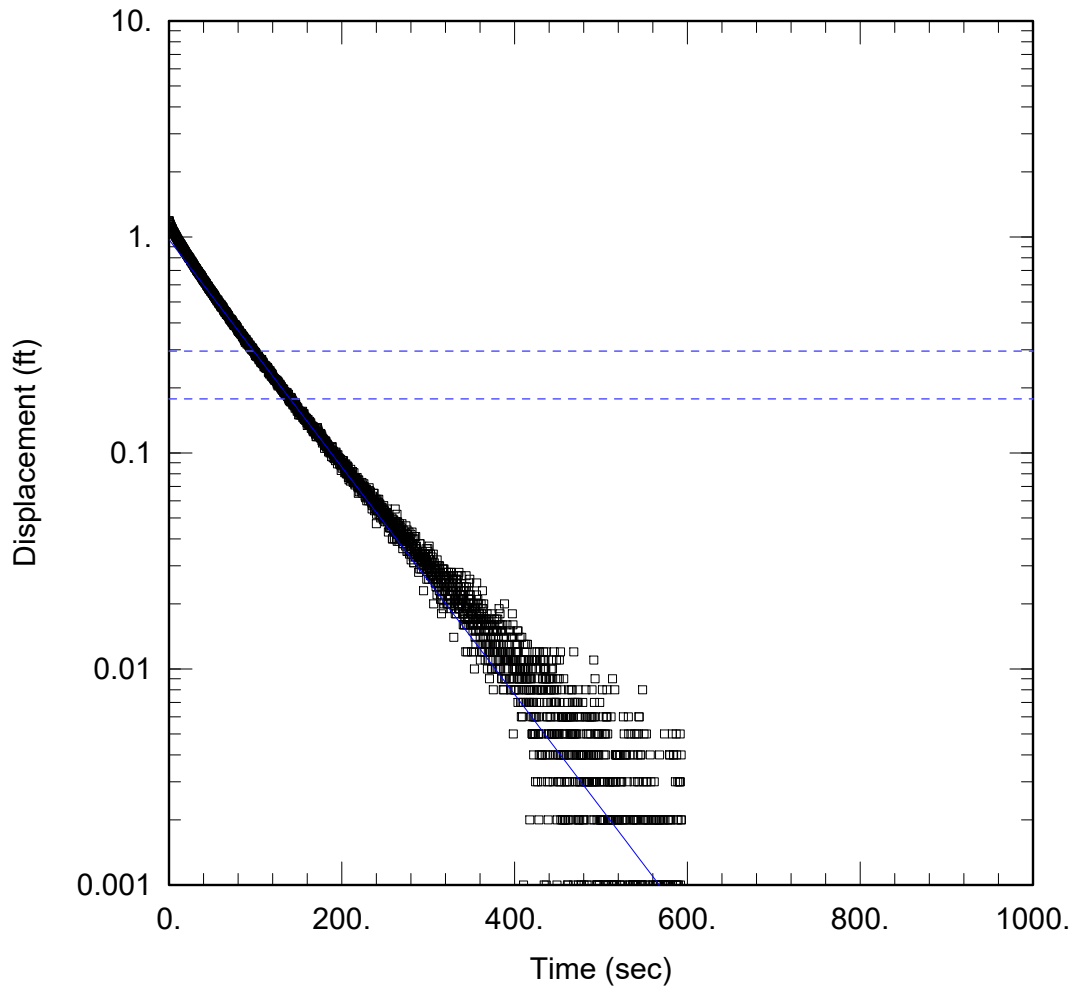
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.6864$ ft/day

$y_0 = 0.586$ ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-3 Slug 1 Out Hvorslev.aqt

Date: 03/05/21

Time: 14:46:56

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-3

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-3 Slug 1 Out)

Initial Displacement: 1.185 ft

Static Water Column Height: 31.03 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

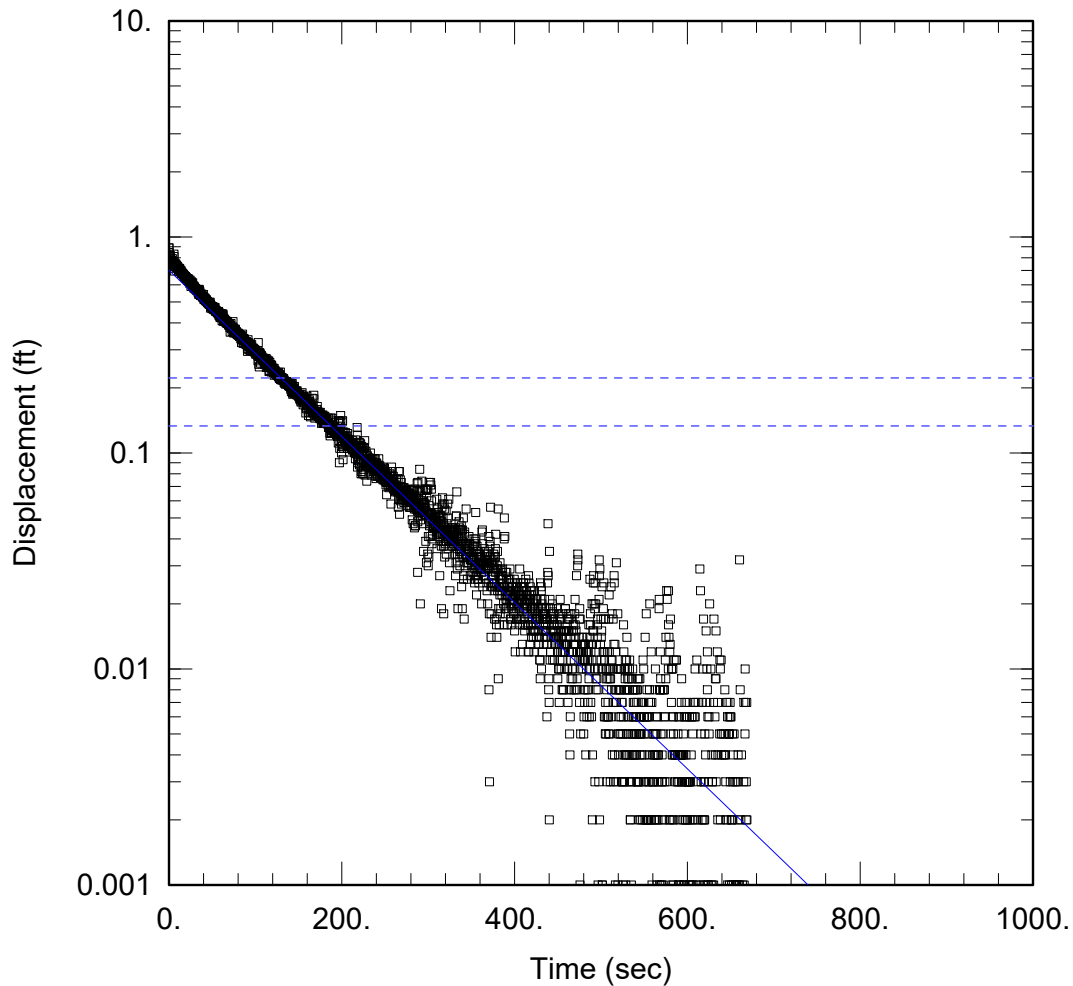
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.9034$ ft/day

$y_0 = 0.9725$ ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-3 Slug 2 In Hvorslev.aqt

Date: 03/05/21

Time: 14:48:47

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-3

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-3 Slug 2 In)

Initial Displacement: 0.889 ft

Static Water Column Height: 31.03 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

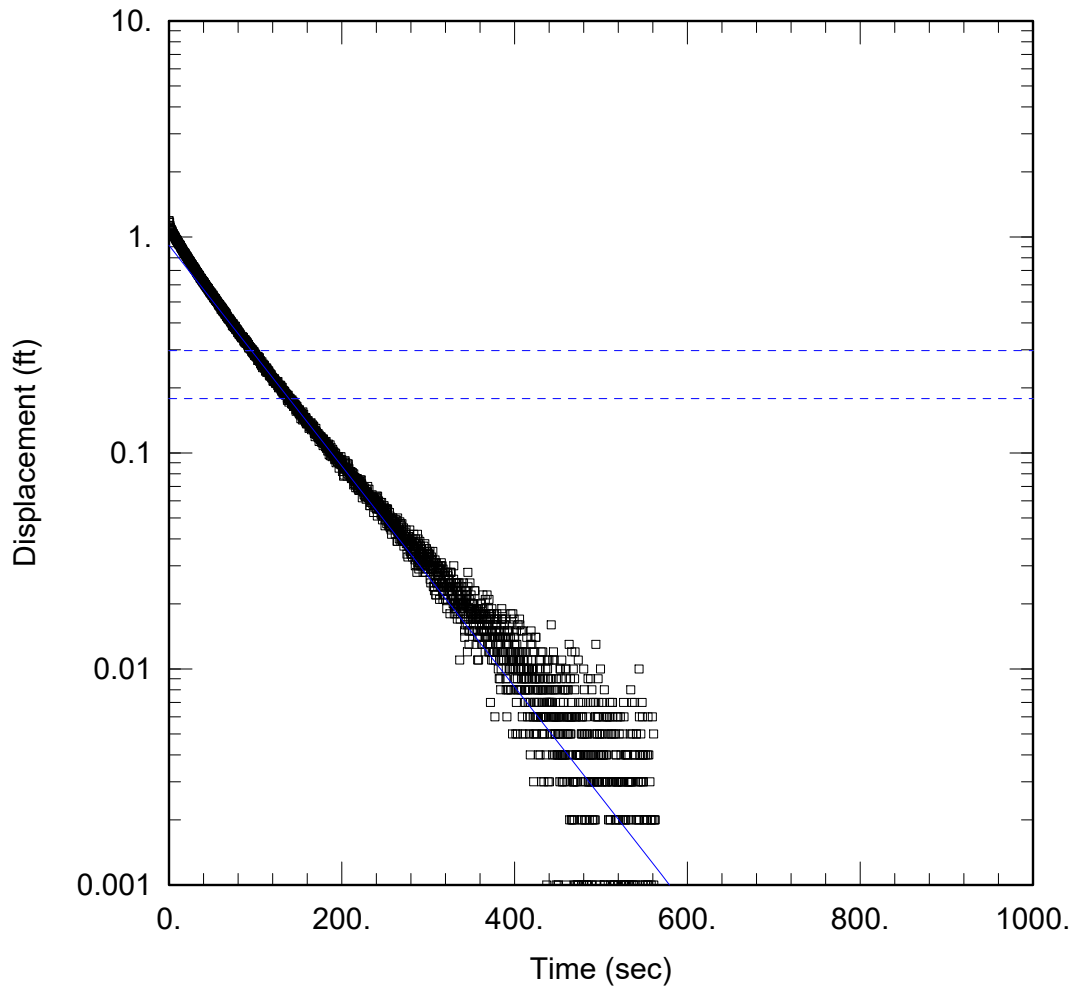
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.6598$ ft/day

$y_0 = 0.7003$ ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-3 Slug 2 Out Hvorslev.aqt
 Date: 03/05/21

Time: 14:50:17

PROJECT INFORMATION

Company: ERM
 Project: 0519829
 Location: Iberia Parish, Louisiana
 Test Well: MW-3

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-3 Slug 2 Out)

Initial Displacement: 1.19 ft

Static Water Column Height: 31.03 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

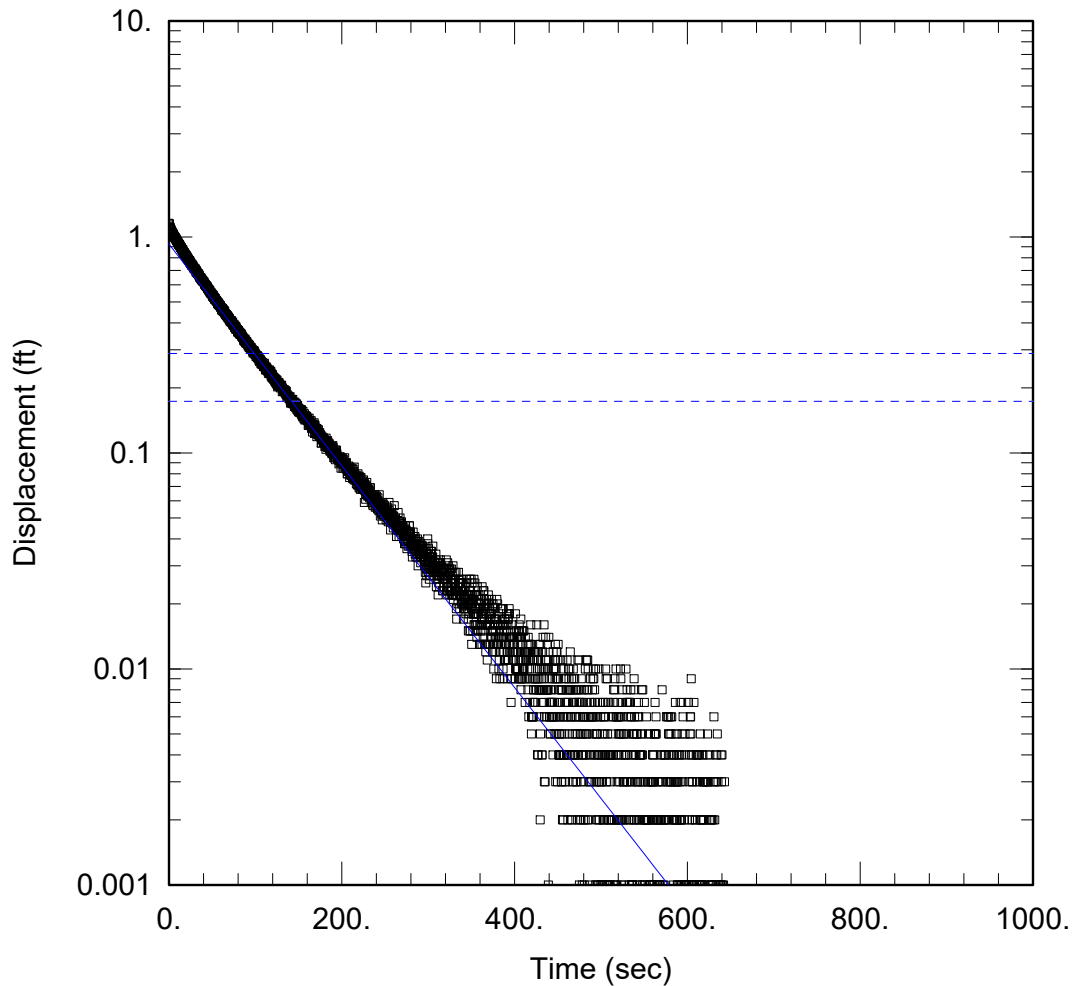
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.8767$ ft/day

$y_0 = 0.9145$ ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-3 Slug 3 Out Hvorslev.aqt

Date: 03/05/21

Time: 14:53:22

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-3

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-3 Slug 3 Out)

Initial Displacement: 1.155 ft

Static Water Column Height: 31.03 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

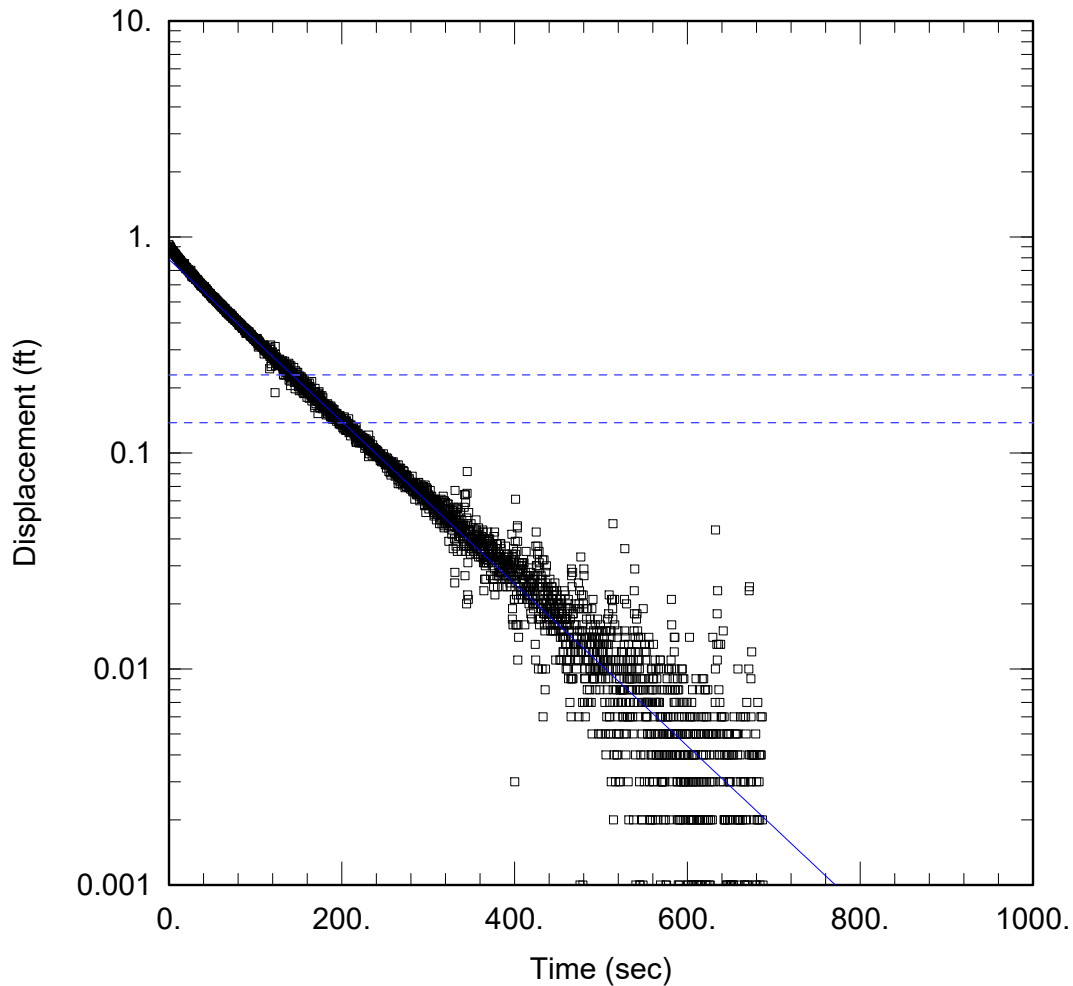
SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K =$ 0.8805 ft/day

$y_0 =$ 0.9264 ft



WELL TEST ANALYSIS

Data Set: C:\...\MW-3 Slug 3 In Hvorslev.aqt

Date: 03/05/21

Time: 14:51:32

PROJECT INFORMATION

Company: ERM

Project: 0519829

Location: Iberia Parish, Louisiana

Test Well: MW-3

AQUIFER DATA

Saturated Thickness: 5. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-3 Slug 3 In)

Initial Displacement: 0.919 ft

Static Water Column Height: 31.03 ft

Total Well Penetration Depth: 5. ft

Screen Length: 5. ft

Casing Radius: 0.04167 ft

Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined

Solution Method: Hvorslev

$K = 0.6441$ ft/day

$y_0 = 0.7863$ ft