

BC-1 SLUG 1

Data Set: P:\...\BC-1_1.aqt
Date: 03/02/20

Time: 13:50:52

PROJECT INFORMATION

Company: ERM
Project: 0494255
Test Well: BC-1 Slug 1
Test Date: 05/08/2019

AQUIFER DATA

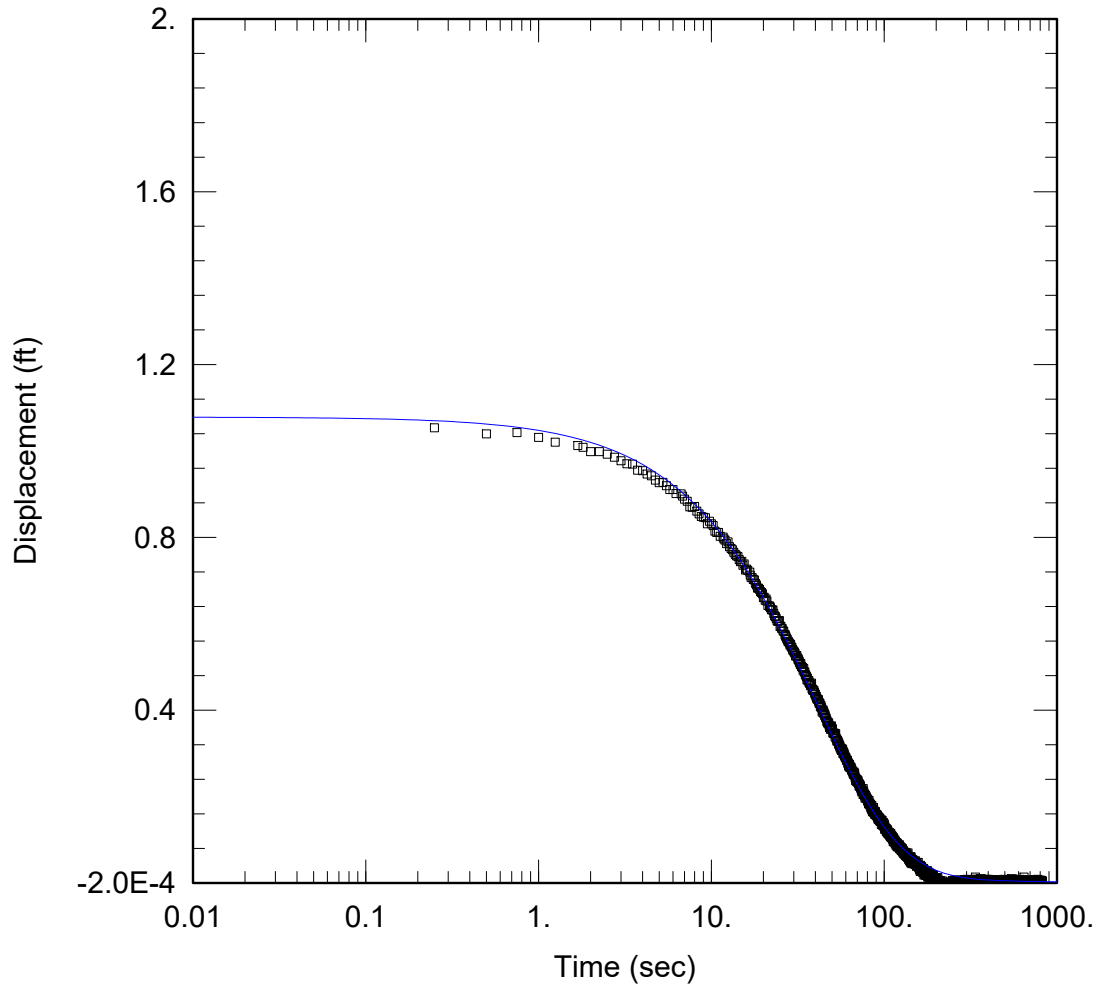
Saturated Thickness: 4. ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-1)

Initial Displacement: 1.099 ft Static Water Column Height: 12.07 ft
Total Well Penetration Depth: 6. ft Screen Length: 6. ft
Casing Radius: 0.03125 ft Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Bredehoeft-Papadopoulos
T = 9.247 ft²/day S = 1.227E-10



BC-1 SLUG 2

Data Set: P:\...\BC-1_2.aqt
Date: 03/02/20

Time: 13:49:44

PROJECT INFORMATION

Company: ERM
Project: 0494255
Test Well: BC-1 Slug 2
Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 4. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-1)

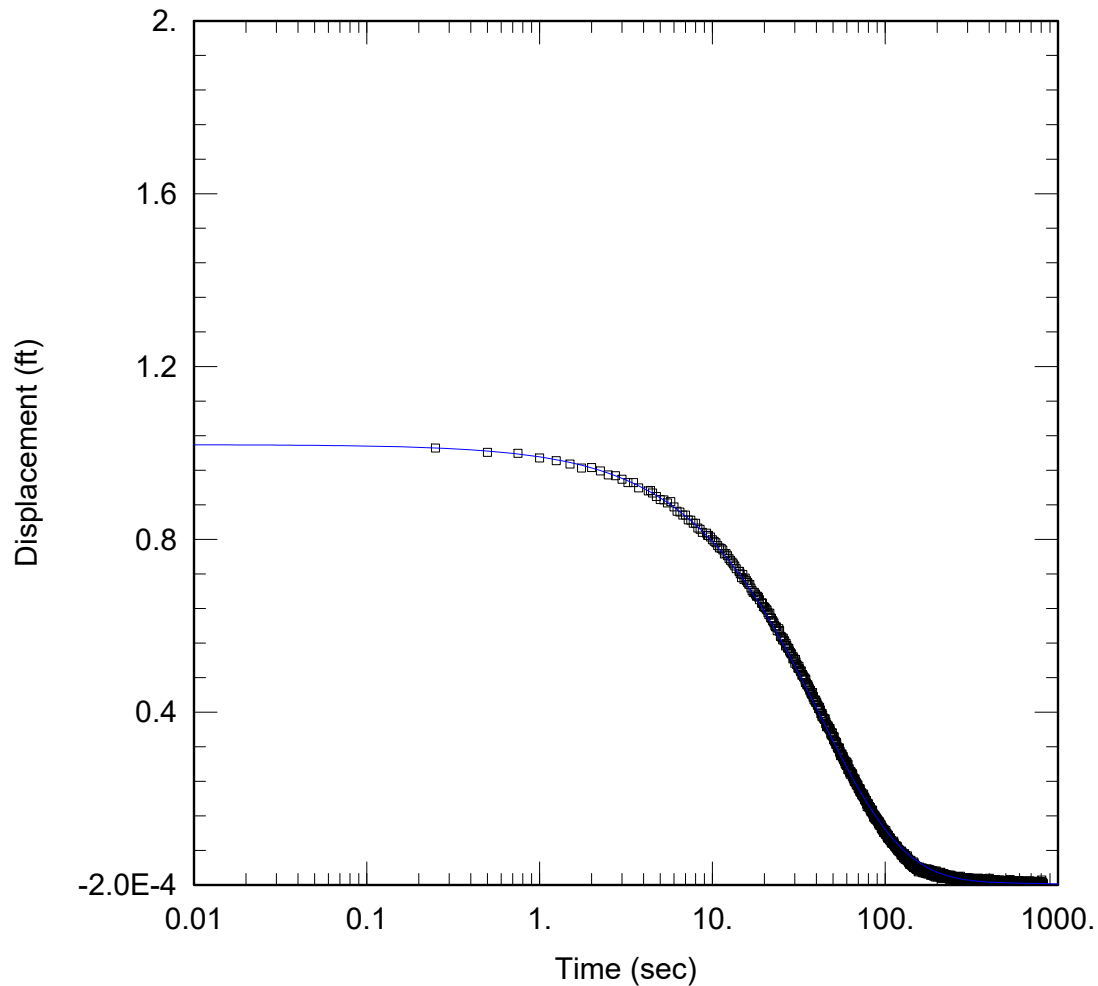
Initial Displacement: 1.078 ft
Total Well Penetration Depth: 6. ft
Casing Radius: 0.03125 ft

Static Water Column Height: 12.07 ft
Screen Length: 6. ft
Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined
T = 9.682 ft²/day

Solution Method: Cooper-Bredehoeft-Papadopoulos
S = 1.0E-10



BC-1 SLUG 3

Data Set: P:\...\BC-1_3.aqt
 Date: 03/02/20

Time: 13:53:13

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-1 Slug 3
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 4. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-1)

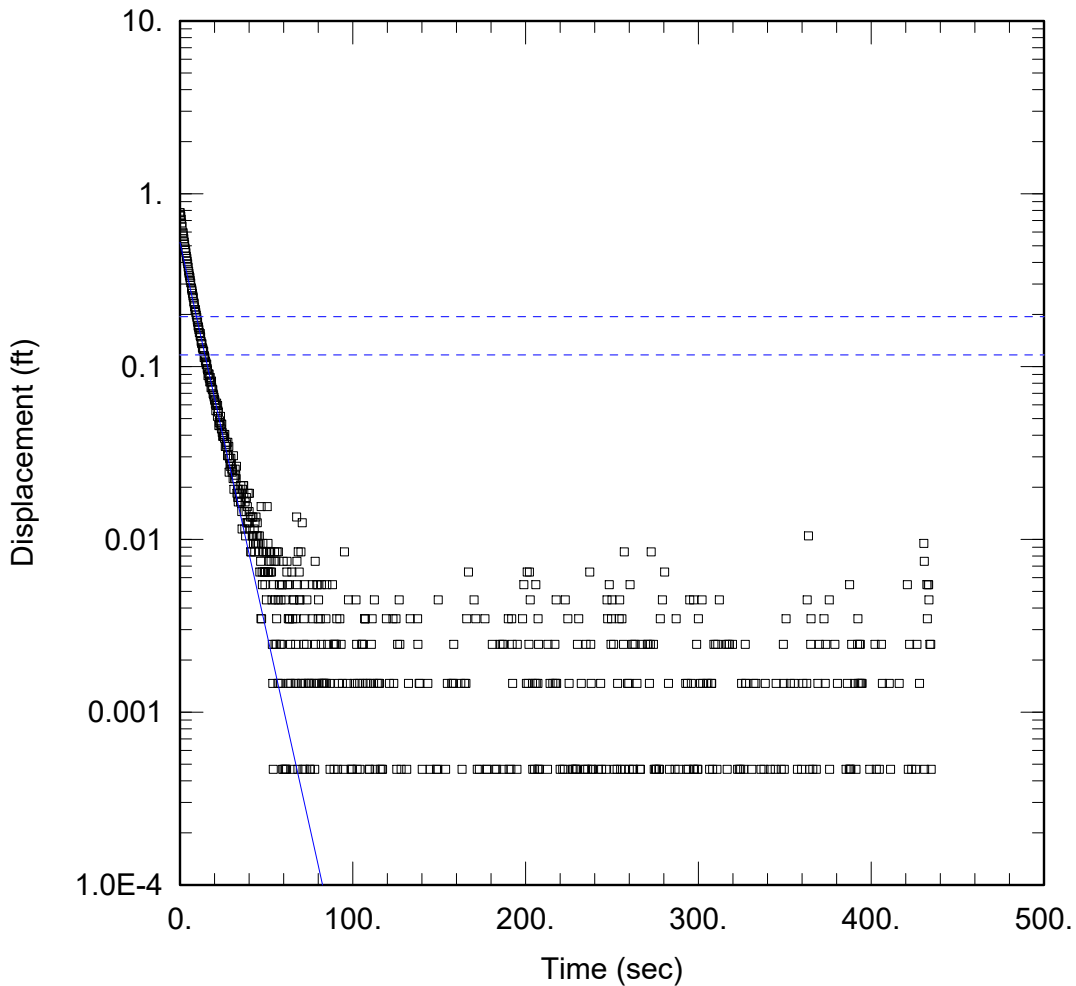
Initial Displacement: 1.019 ft
 Total Well Penetration Depth: 6. ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 12.07 ft
 Screen Length: 6. ft
 Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined
 $T = 9.406$ ft²/day

Solution Method: Cooper-Bredehoeft-Papadopoulos
 $S = 1.0E-10$



BC-3B SLUG 1

Data Set: P:\...\BC-3B_1.aqt
 Date: 03/02/20

Time: 15:32:53

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-3B Slug 1
 Test Date: 05/08/2019

AQUIFER DATA

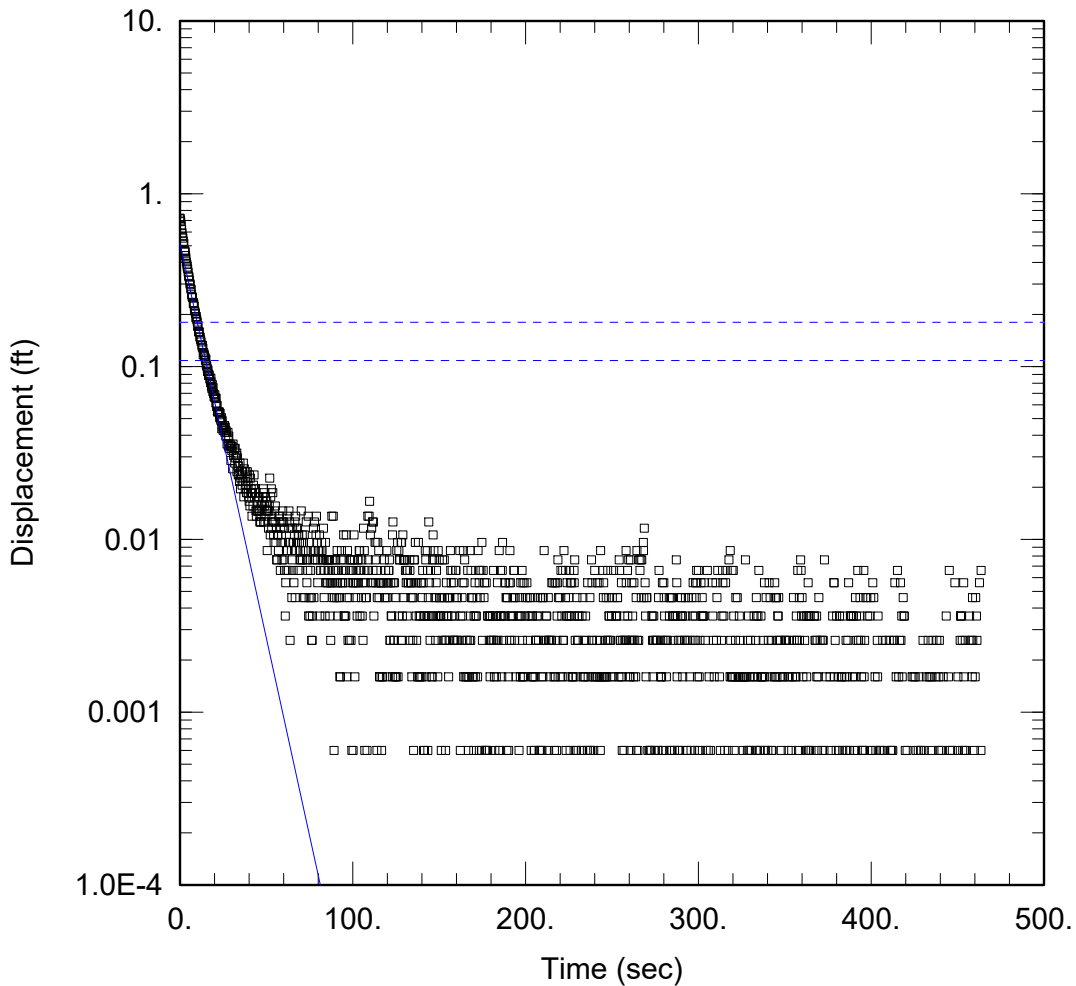
Saturated Thickness: 16.7 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-3B)

Initial Displacement: 0.7775 ft Static Water Column Height: 28.11 ft
 Total Well Penetration Depth: 6.7 ft Screen Length: 6.7 ft
 Casing Radius: 0.03125 ft Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 3.337 ft/day y0 = 0.5224 ft



BC-3B SLUG 2

Data Set: P:\...\BC-3B_2.aqt
 Date: 03/02/20

Time: 15:33:27

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-3B Slug 2
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 16.7 ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BC-3B)

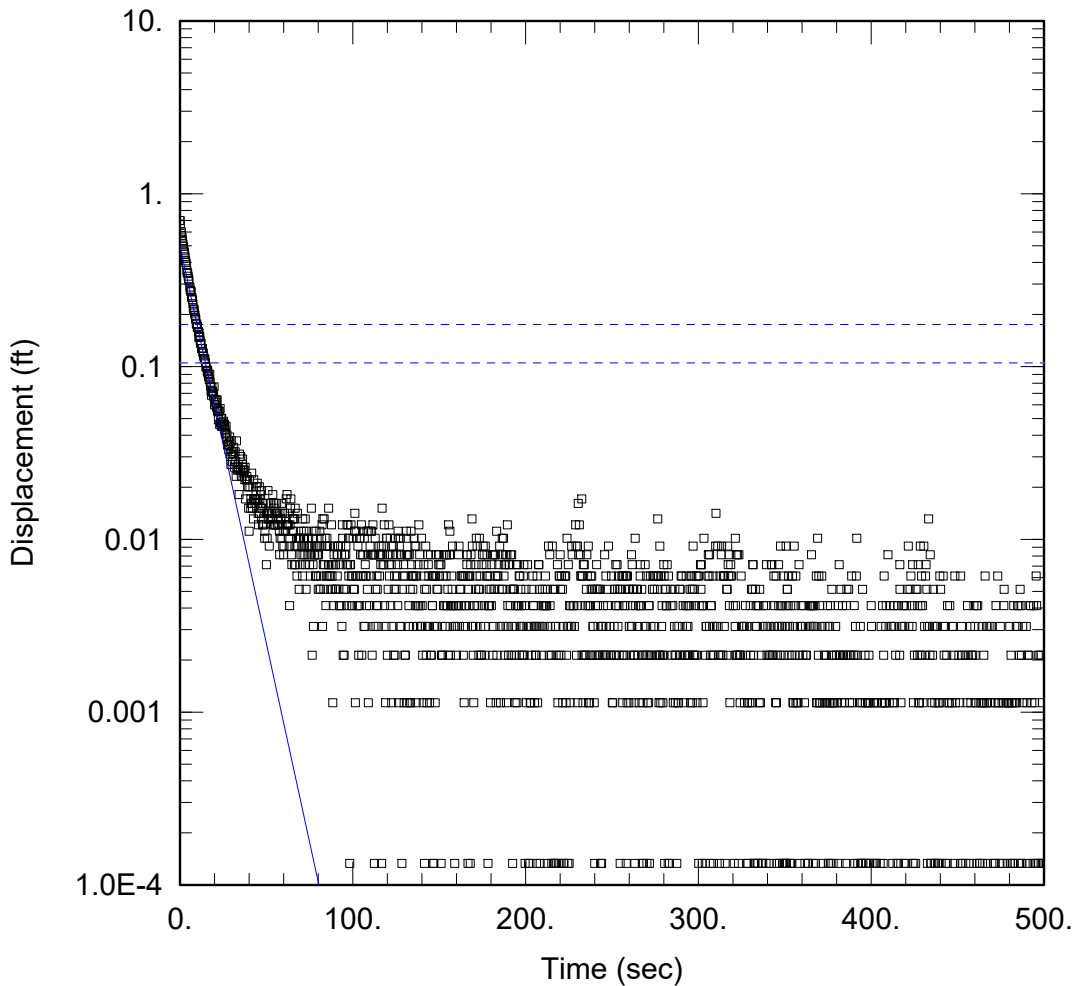
Initial Displacement: 0.7216 ft
 Total Well Penetration Depth: 6.7 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 28.11 ft
 Screen Length: 6.7 ft
 Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined
 K = 3.386 ft/day

Solution Method: Hvorslev
 y_0 = 0.5169 ft



BC-3B SLUG 3

Data Set: P:\...\BC-3B_3.aqt
 Date: 03/02/20

Time: 15:34:07

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-3B Slug 3
 Test Date: 05/08/2019

AQUIFER DATA

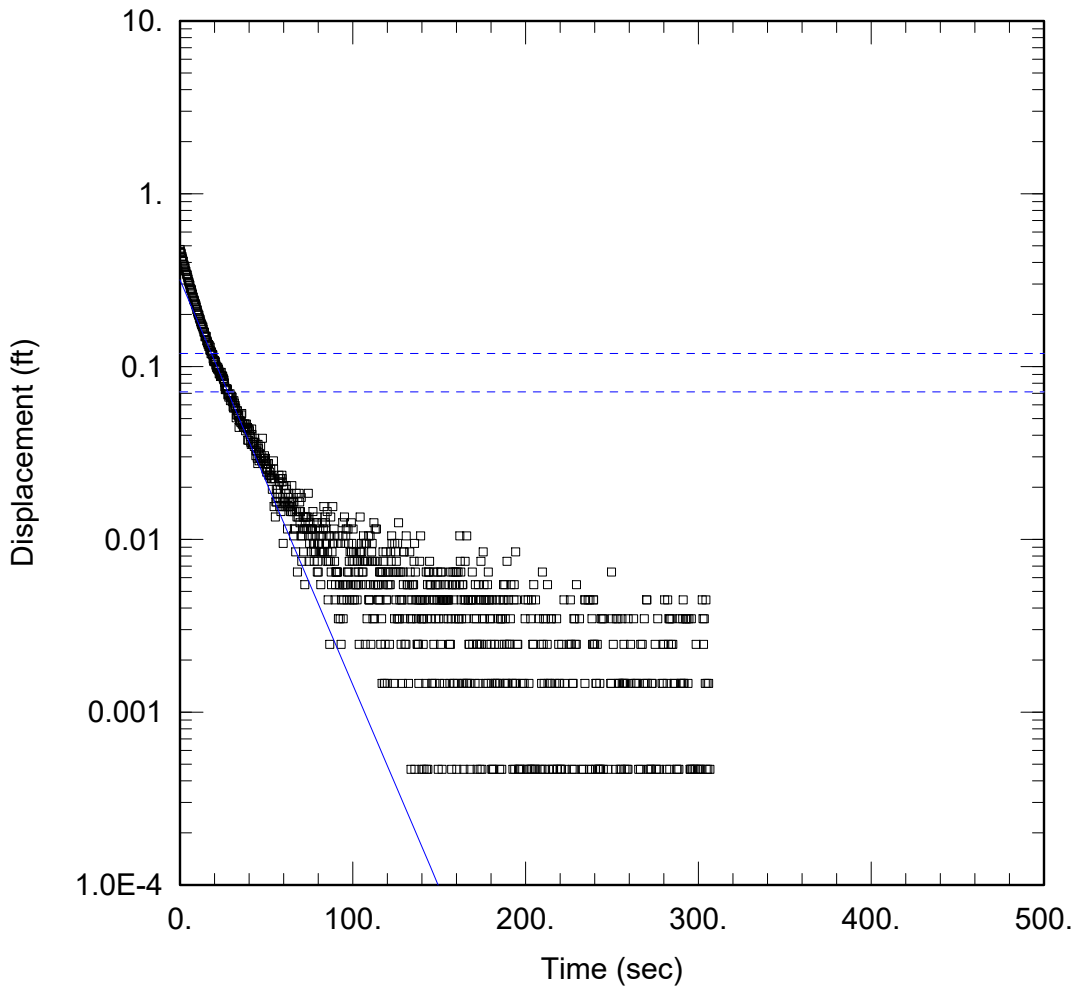
Saturated Thickness: 16.7 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-3B)

Initial Displacement: 0.7001 ft Static Water Column Height: 28.11 ft
 Total Well Penetration Depth: 6.7 ft Screen Length: 6.7 ft
 Casing Radius: 0.03125 ft Well Radius: 0.1354 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 3.407 ft/day y0 = 0.4983 ft



BC-7B SLUG 1

Data Set: P:\...\BC-7B_1.aqt
 Date: 03/06/20

Time: 12:27:17

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-7B Slug 1
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 14. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-7B)

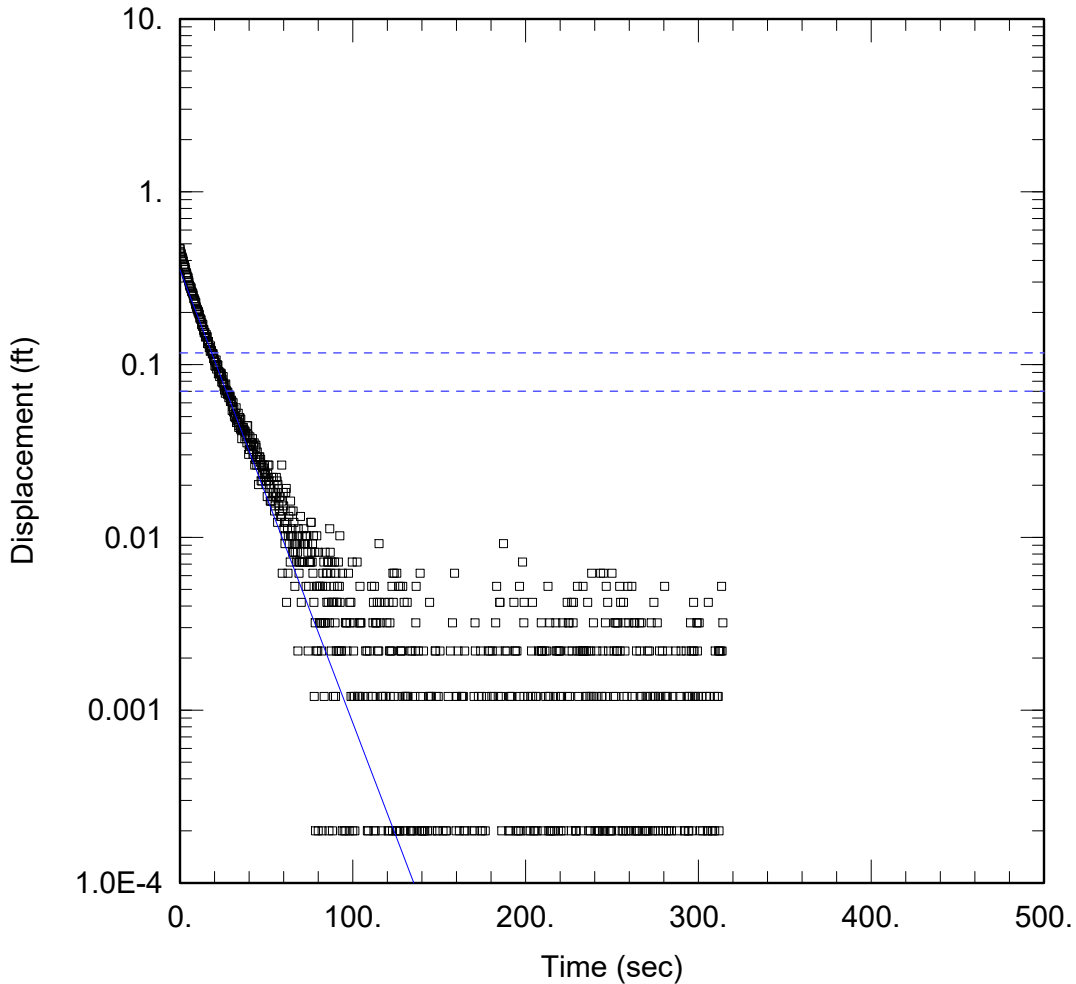
Initial Displacement: 0.4755 ft
 Total Well Penetration Depth: 10. ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 33.44 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 1.318 ft/day

Solution Method: Hvorslev
 y0 = 0.3174 ft



BC-7B SLUG 2

Data Set: P:\...\BC-7B_2.aqt
Date: 03/06/20

Time: 12:28:37

PROJECT INFORMATION

Company: ERM
Project: 0494255
Test Well: BC-7B Slug 2
Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 14. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-7B)

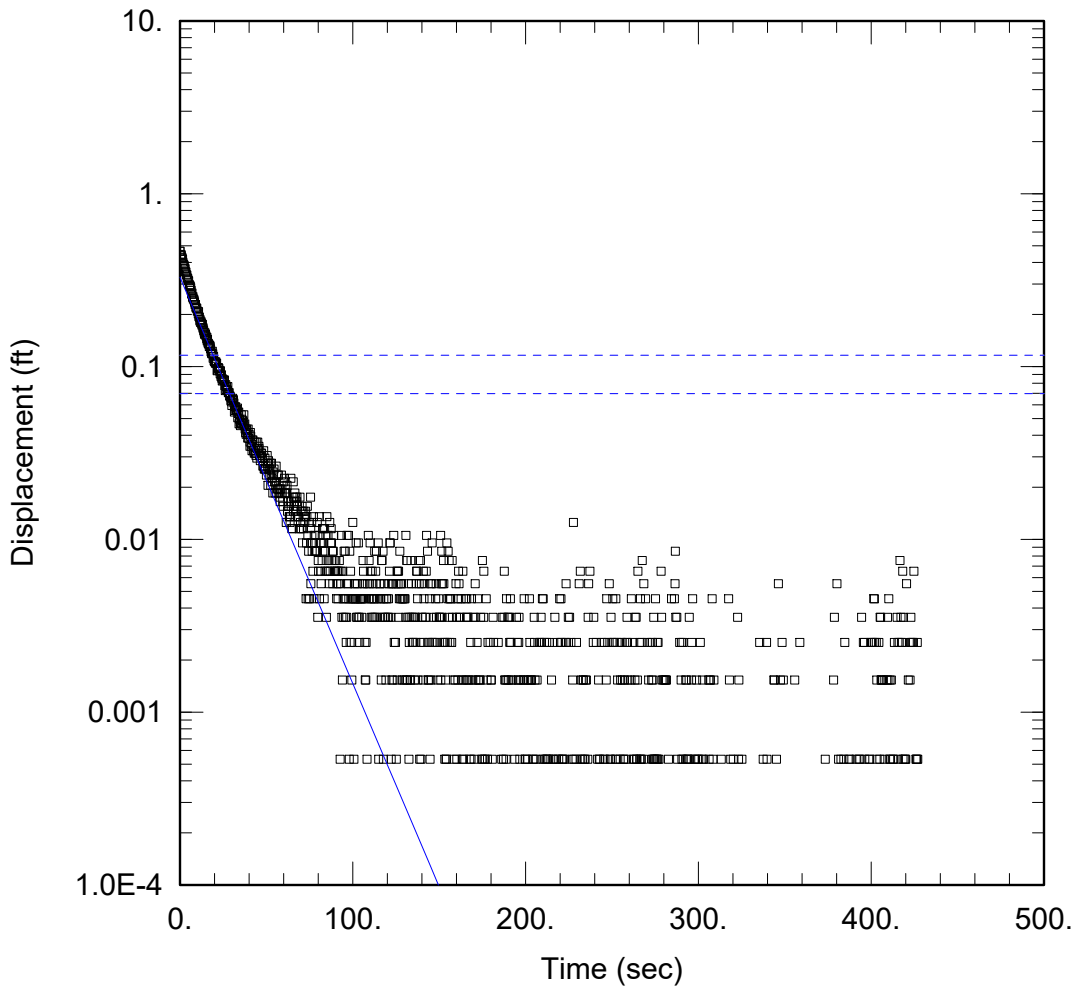
Initial Displacement: 0.4672 ft
Total Well Penetration Depth: 10. ft
Casing Radius: 0.03125 ft

Static Water Column Height: 33.44 ft
Screen Length: 10. ft
Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
K = 1.475 ft/day

Solution Method: Hvorslev
y0 = 0.3532 ft



BC-7B SLUG 3

Data Set: P:\...\BC-7B_3.aqt
 Date: 03/06/20

Time: 12:29:32

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-7B Slug 3
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 14. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-7B)

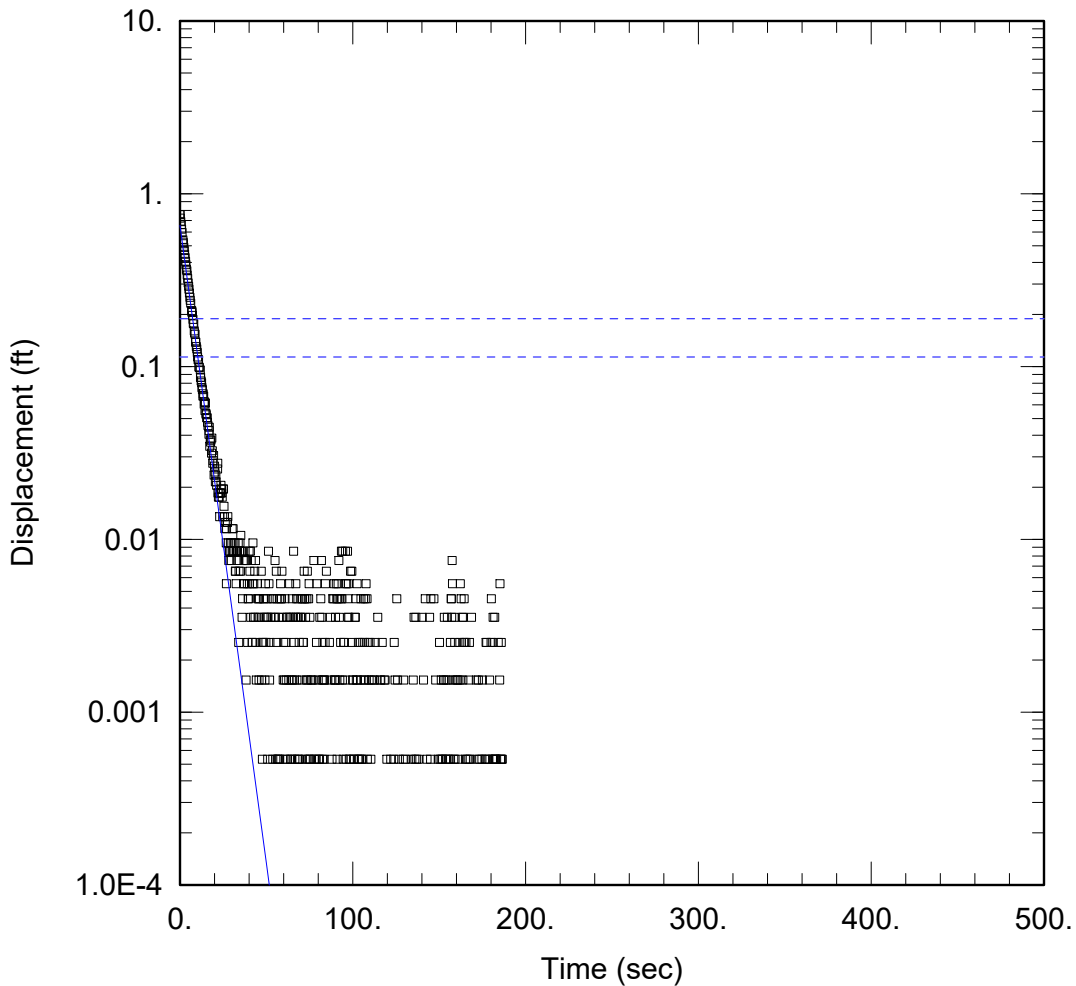
Initial Displacement: 0.4645 ft
 Total Well Penetration Depth: 10. ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 33.44 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 1.322 ft/day

Solution Method: Hvorslev
 y0 = 0.328 ft



BC-8B SLUG 1

Data Set: P:\...\BC-8B_1.aqt
 Date: 03/03/20

Time: 08:33:05

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-8B Slug 1
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 18. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BC-8B)

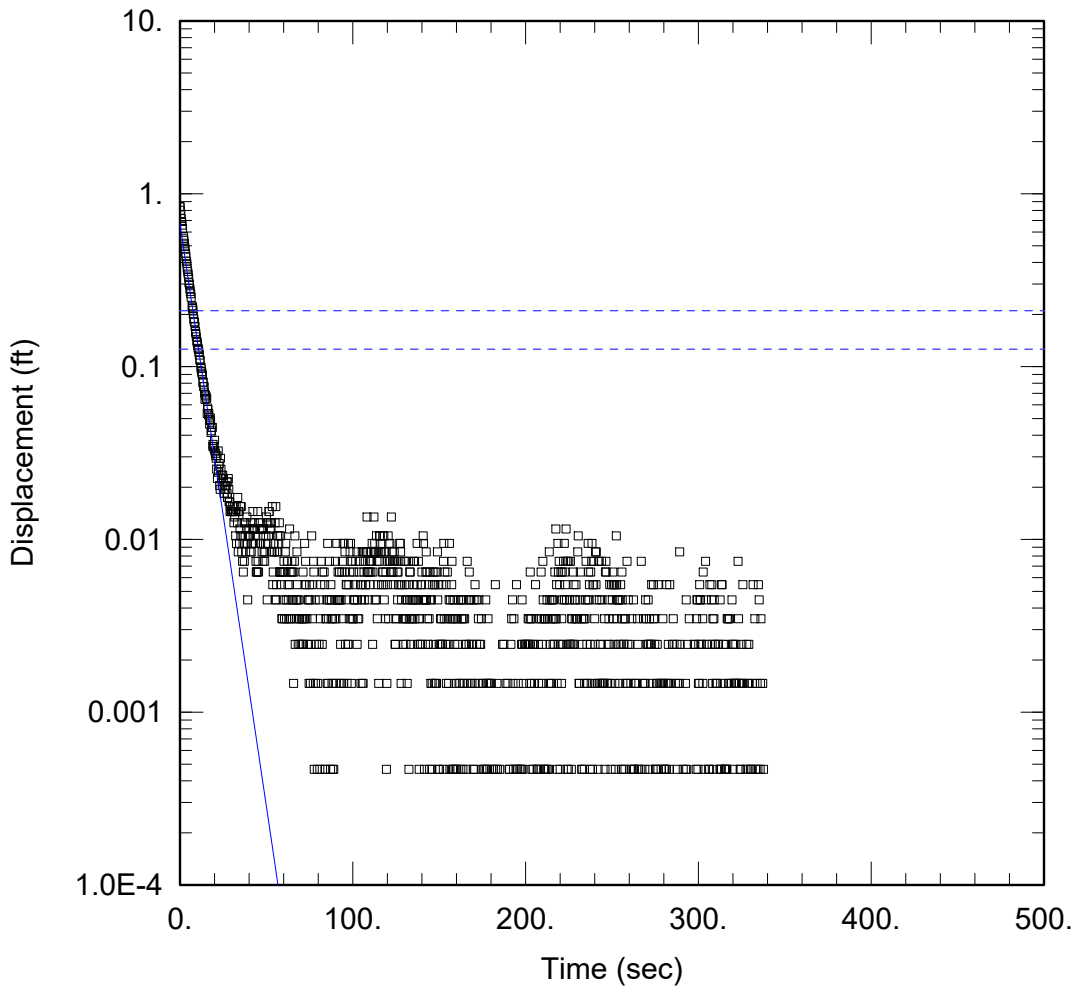
Initial Displacement: 0.7565 ft
 Total Well Penetration Depth: 8. ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 29.97 ft
 Screen Length: 8. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 5.013 ft/day

Solution Method: Hvorslev
 y_0 = 0.655 ft



BC-8B SLUG 2

Data Set: P:\...\BC-8B_2.aqt
 Date: 03/03/20

Time: 08:40:04

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-8B Slug 2
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 18. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BC-8B)

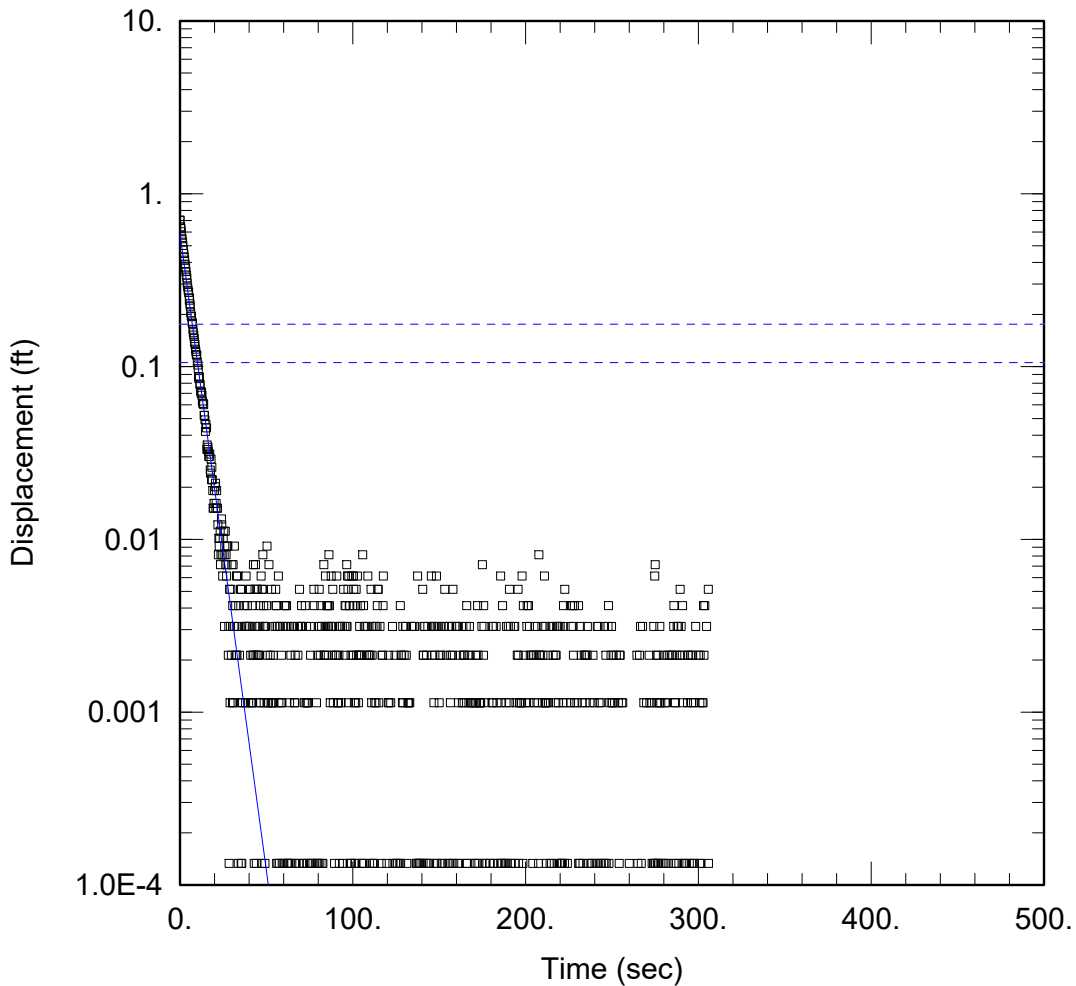
Initial Displacement: 0.8405 ft
 Total Well Penetration Depth: 8. ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 29.97 ft
 Screen Length: 8. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 4.575 ft/day

Solution Method: Hvorslev
 y_0 = 0.6657 ft



BC-8B SLUG 3

Data Set: P:\...\BC-8B_3.aqt
Date: 03/03/20

Time: 08:43:05

PROJECT INFORMATION

Company: ERM
Project: 0494255
Test Well: BC-8B Slug 3
Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 18. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-8B)

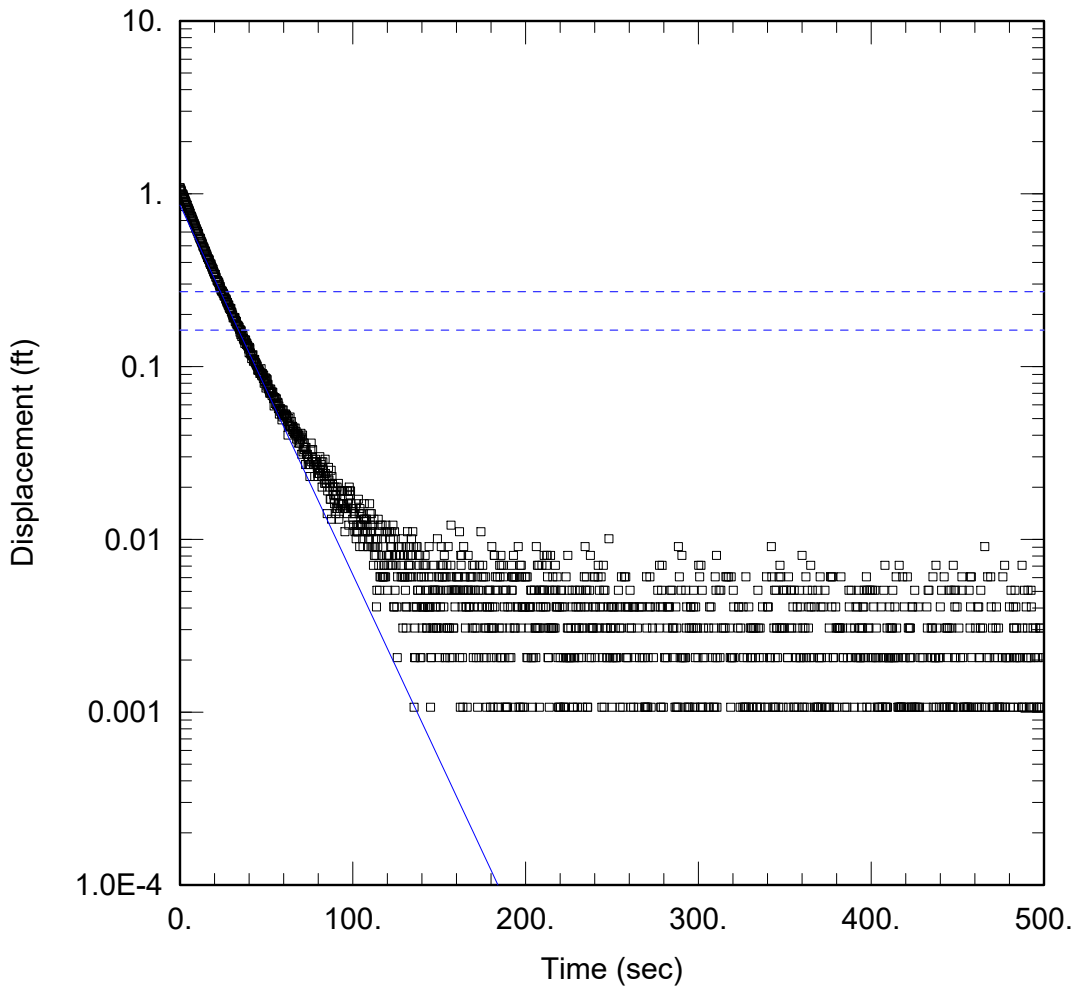
Initial Displacement: 0.7031 ft
Total Well Penetration Depth: 8. ft
Casing Radius: 0.03125 ft

Static Water Column Height: 29.97 ft
Screen Length: 8. ft
Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
K = 5.004 ft/day

Solution Method: Hvorslev
y0 = 0.586 ft



BC-9 SLUG 1

Data Set: P:\...\BC-9_1.aqt
 Date: 03/02/20

Time: 15:40:03

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-9 Slug 1
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 24.75 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-9)

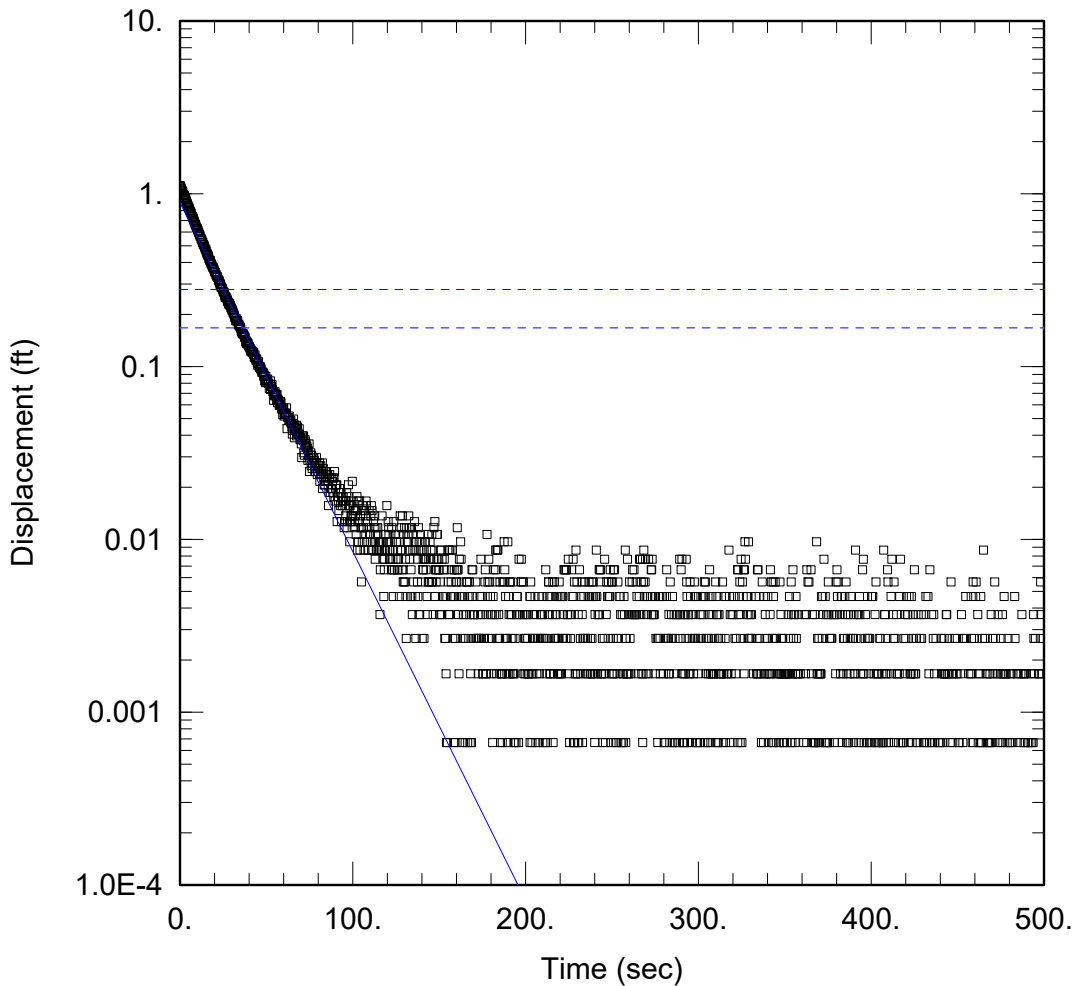
Initial Displacement: 1.083 ft
 Total Well Penetration Depth: 14.75 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 16.86 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 1.075 ft/day

Solution Method: Hvorslev
 y0 = 0.8595 ft



BC-9 SLUG 2

Data Set: P:\...\BC-9_2.aqt
 Date: 03/02/20

Time: 15:40:34

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-9 Slug 2
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 24.75 ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BC-9)

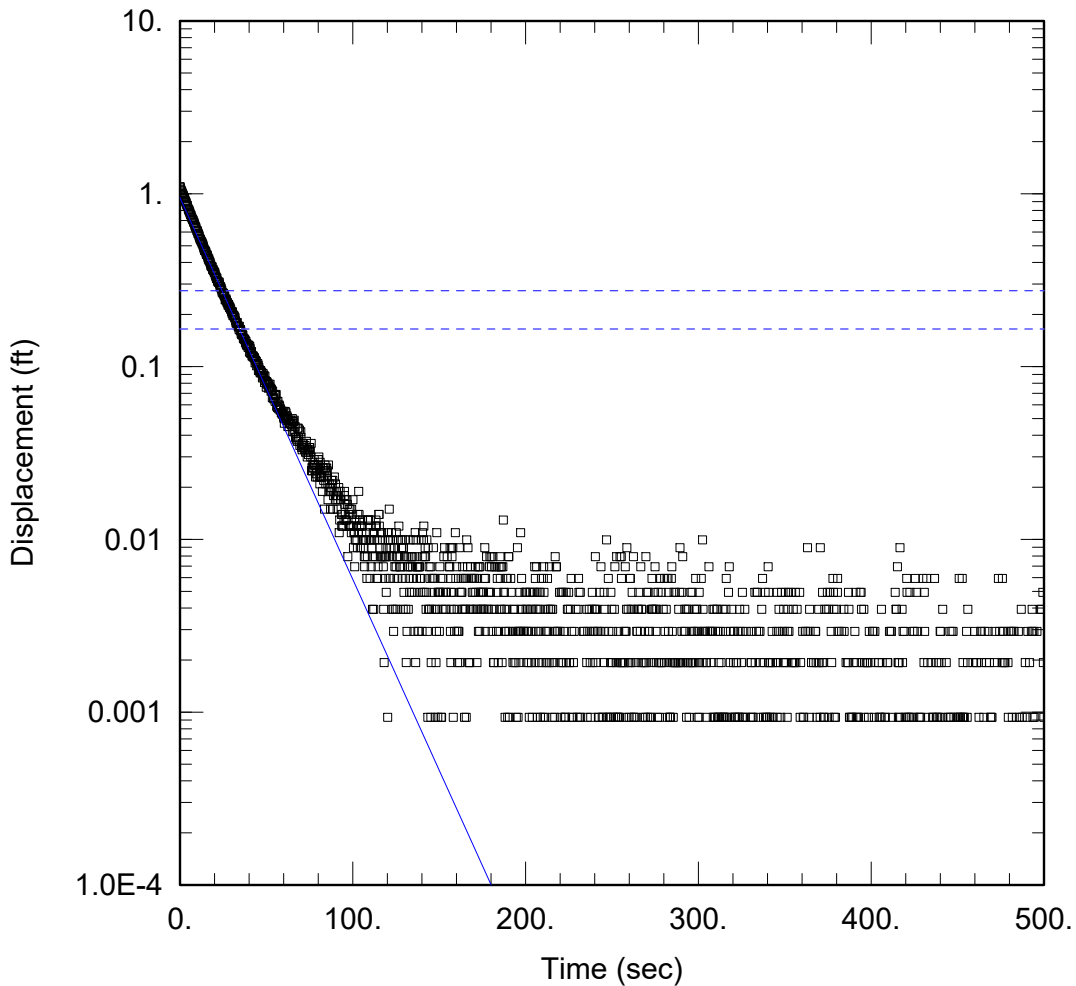
Initial Displacement: 1.117 ft
 Total Well Penetration Depth: 14.75 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 16.86 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 1.015 ft/day

Solution Method: Hvorslev
 y_0 = 0.8879 ft



BC-9 SLUG 3

Data Set: P:\...\BC-9_3.aqt
 Date: 03/02/20

Time: 15:41:02

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-9 Slug 3
 Test Date: 05/08/2019

AQUIFER DATA

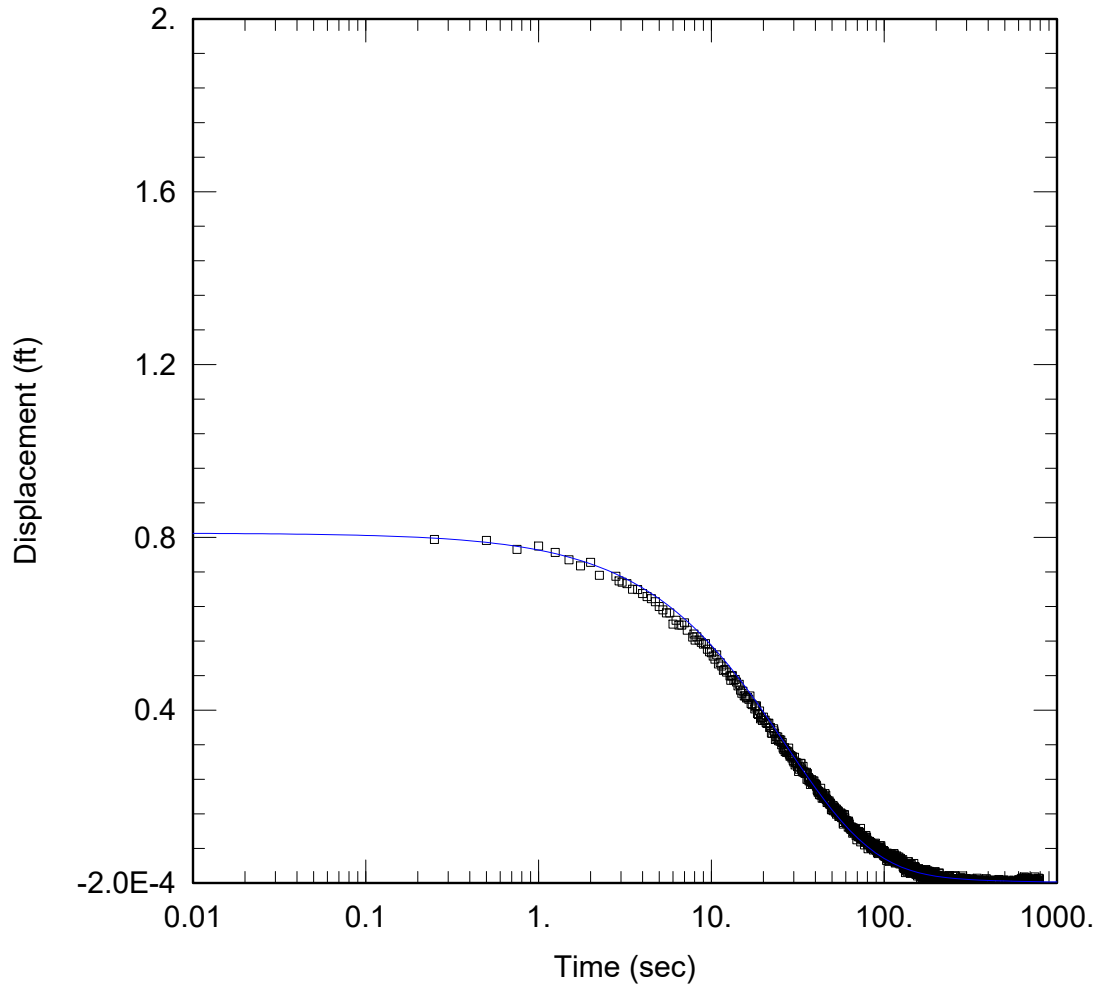
Saturated Thickness: 24.75 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-9)

Initial Displacement: 1.098 ft Static Water Column Height: 16.86 ft
 Total Well Penetration Depth: 14.75 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 1.11 ft/day y0 = 0.9466 ft



BC-14 SLUG 1

Data Set: P:\...\BC-14_1.aqt
 Date: 03/02/20

Time: 14:42:51

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-14 Slug 1
 Test Date: 05/08/2019

AQUIFER DATA

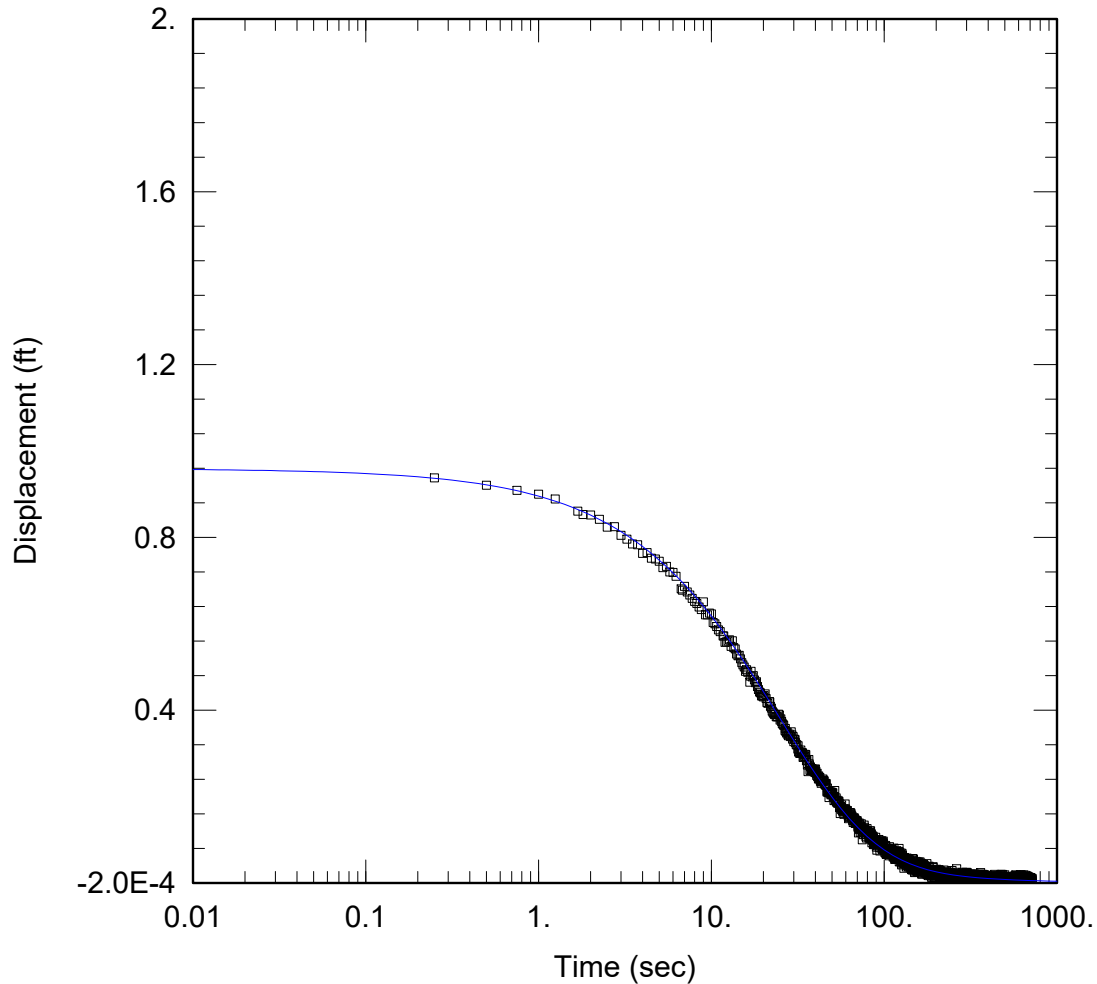
Saturated Thickness: 7.45 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-14)

Initial Displacement: 0.8098 ft Static Water Column Height: 16.74 ft
 Total Well Penetration Depth: 9.25 ft Screen Length: 9.25 ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Bredehoeft-Papadopoulos
 T = 8.05 ft²/day S = 1.796E-6



BC-14 SLUG 2

Data Set: P:\...\BC-14_2.aqt
 Date: 03/02/20

Time: 14:46:36

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-14 Slug 2
 Test Date: 05/08/2019

AQUIFER DATA

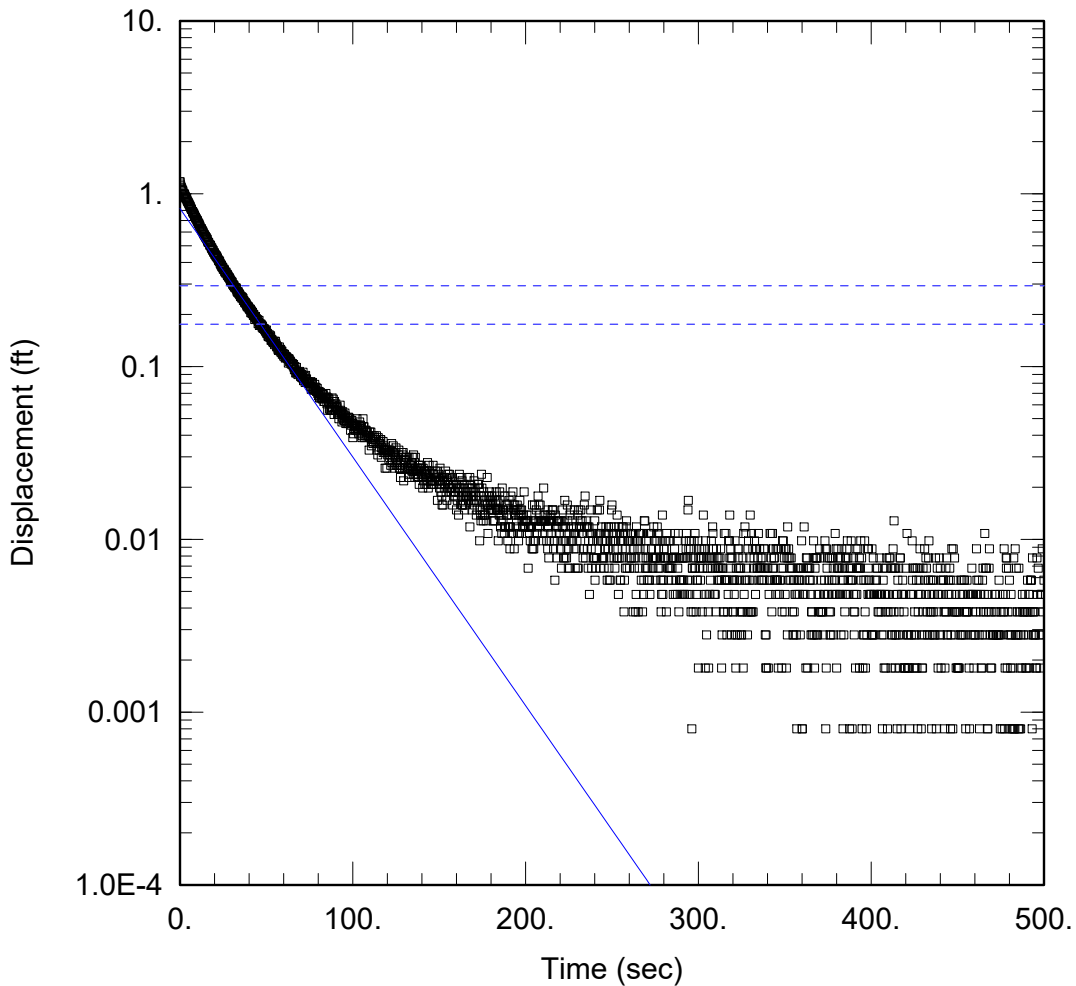
Saturated Thickness: 7.45 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-14)

Initial Displacement: 0.9595 ft Static Water Column Height: 16.74 ft
 Total Well Penetration Depth: 9.25 ft Screen Length: 9.25 ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Bredehoeft-Papadopoulos
 T = 5.393 ft²/day S = 0.0001286



BC-22B SLUG 1

Data Set: P:\...\BC-22B_1.aqt
 Date: 03/06/20

Time: 12:31:06

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-22B Slug 1
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 12. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-22B)

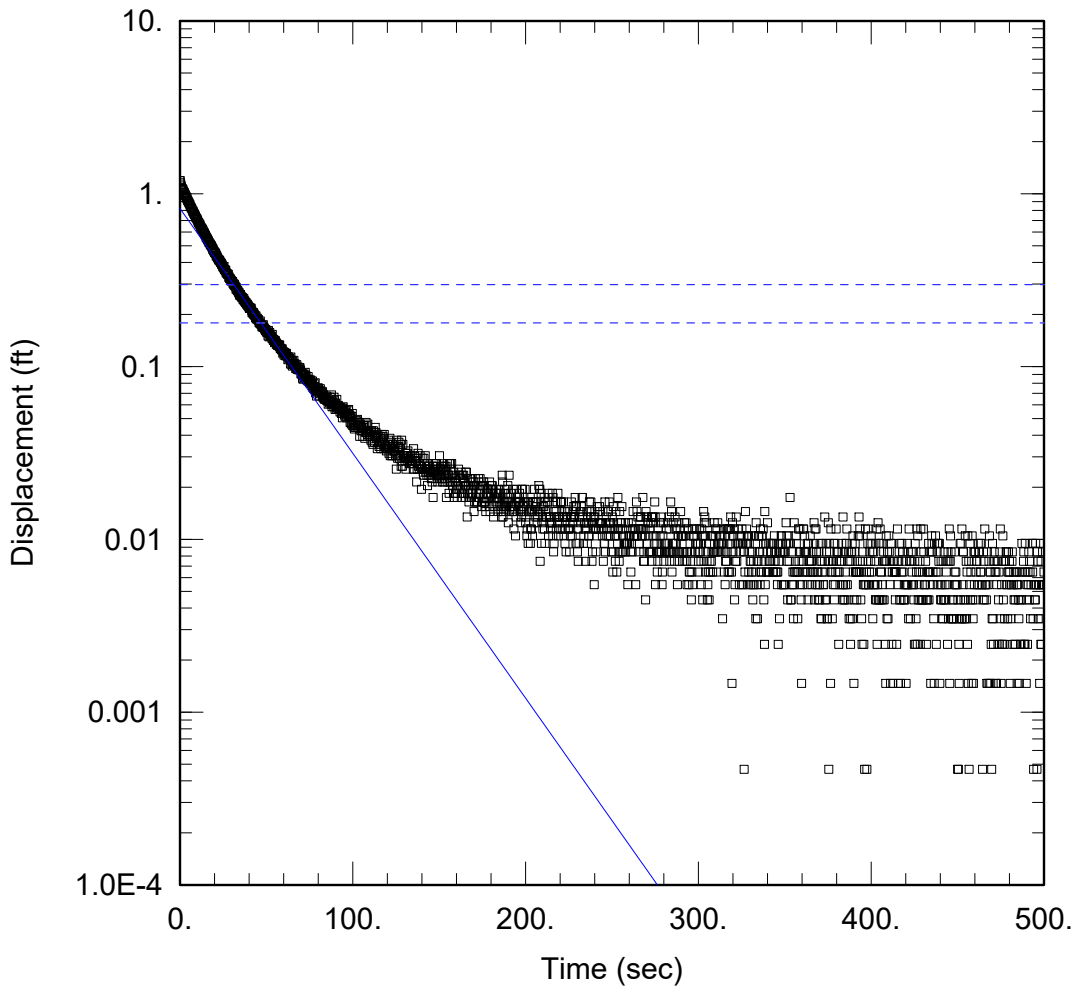
Initial Displacement: 1.172 ft
 Total Well Penetration Depth: 4.4 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 25.15 ft
 Screen Length: 4.4 ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 1.607 ft/day

Solution Method: Hvorslev
 y0 = 0.8211 ft



BC-22B SLUG 2

Data Set: P:\...\BC-22B_2.aqt
 Date: 03/06/20

Time: 12:32:43

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-22B Slug 2
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 12. ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BC-22B)

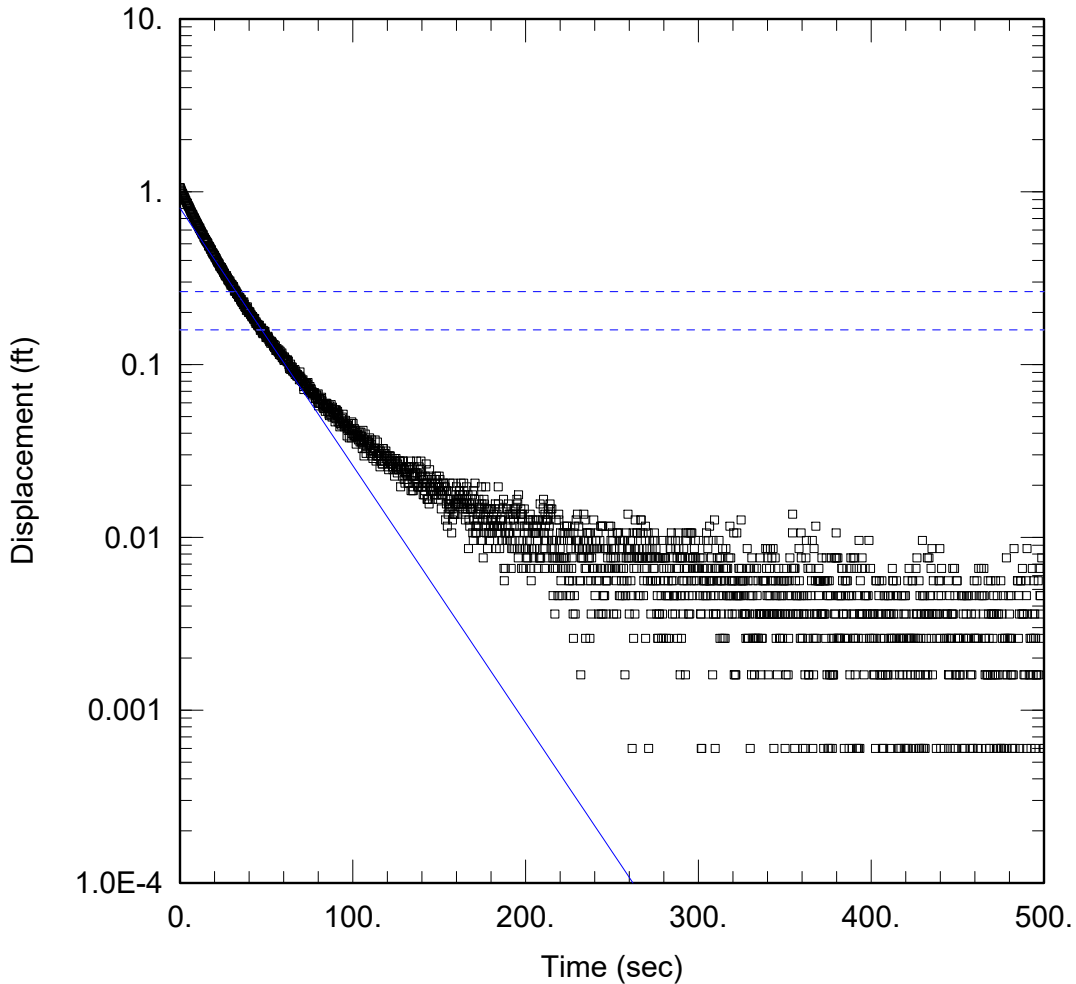
Initial Displacement: 1.191 ft
 Total Well Penetration Depth: 4.4 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 25.15 ft
 Screen Length: 4.4 ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 1.583 ft/day

Solution Method: Hvorslev
 y_0 = 0.8217 ft



BC-22B SLUG 3

Data Set: P:\...\BC-22B_3.aqt
Date: 03/06/20

Time: 12:32:11

PROJECT INFORMATION

Company: ERM
Project: 0494255
Test Well: BC-22B Slug 3
Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 12. ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-22B)

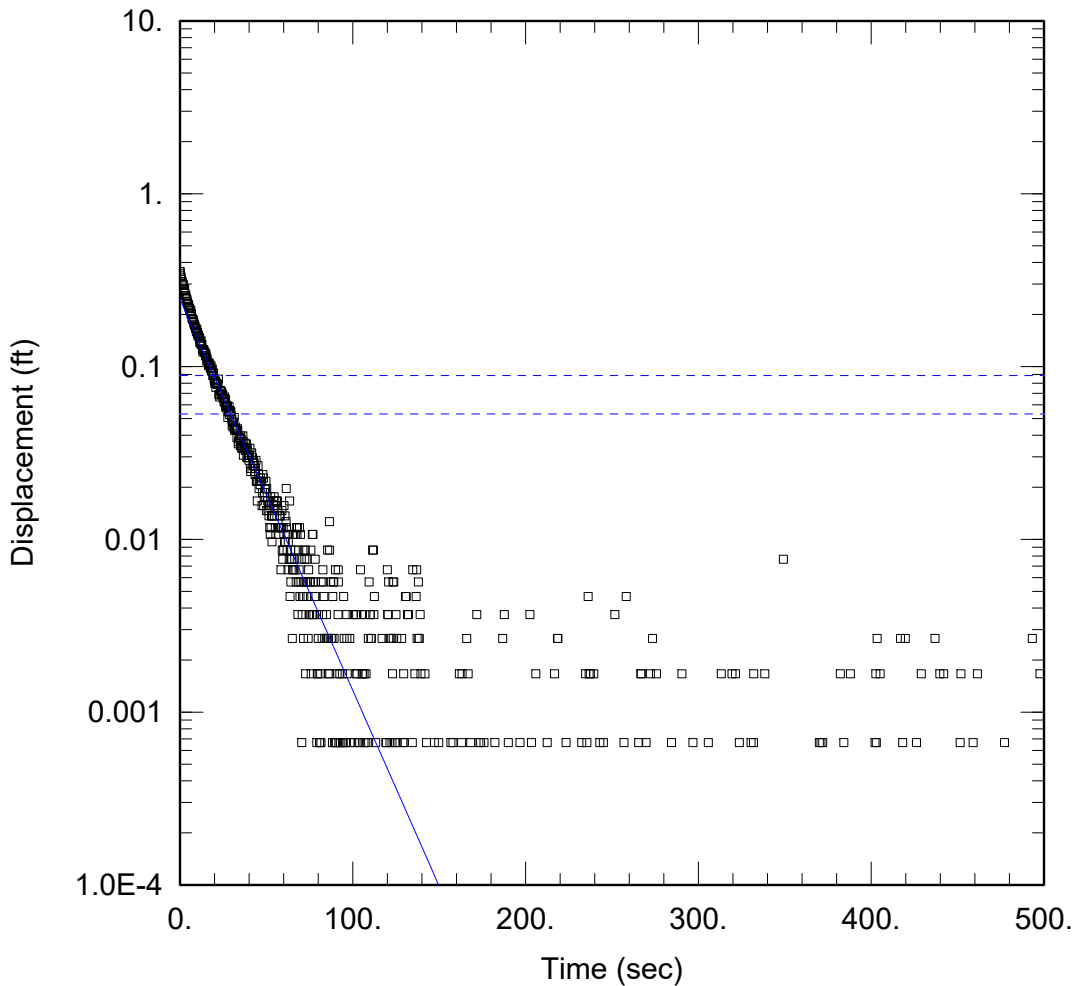
Initial Displacement: 1.057 ft
Total Well Penetration Depth: 4.4 ft
Casing Radius: 0.03125 ft

Static Water Column Height: 25.15 ft
Screen Length: 4.4 ft
Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
K = 1.664 ft/day

Solution Method: Hvorslev
y0 = 0.8031 ft



BC-28B SLUG 1

Data Set: P:\...\BC-28B_1.aqt
 Date: 03/02/20

Time: 15:43:21

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-28B Slug 1
 Test Date: 05/08/2019

AQUIFER DATA

Saturated Thickness: 21.7 ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BC-28B)

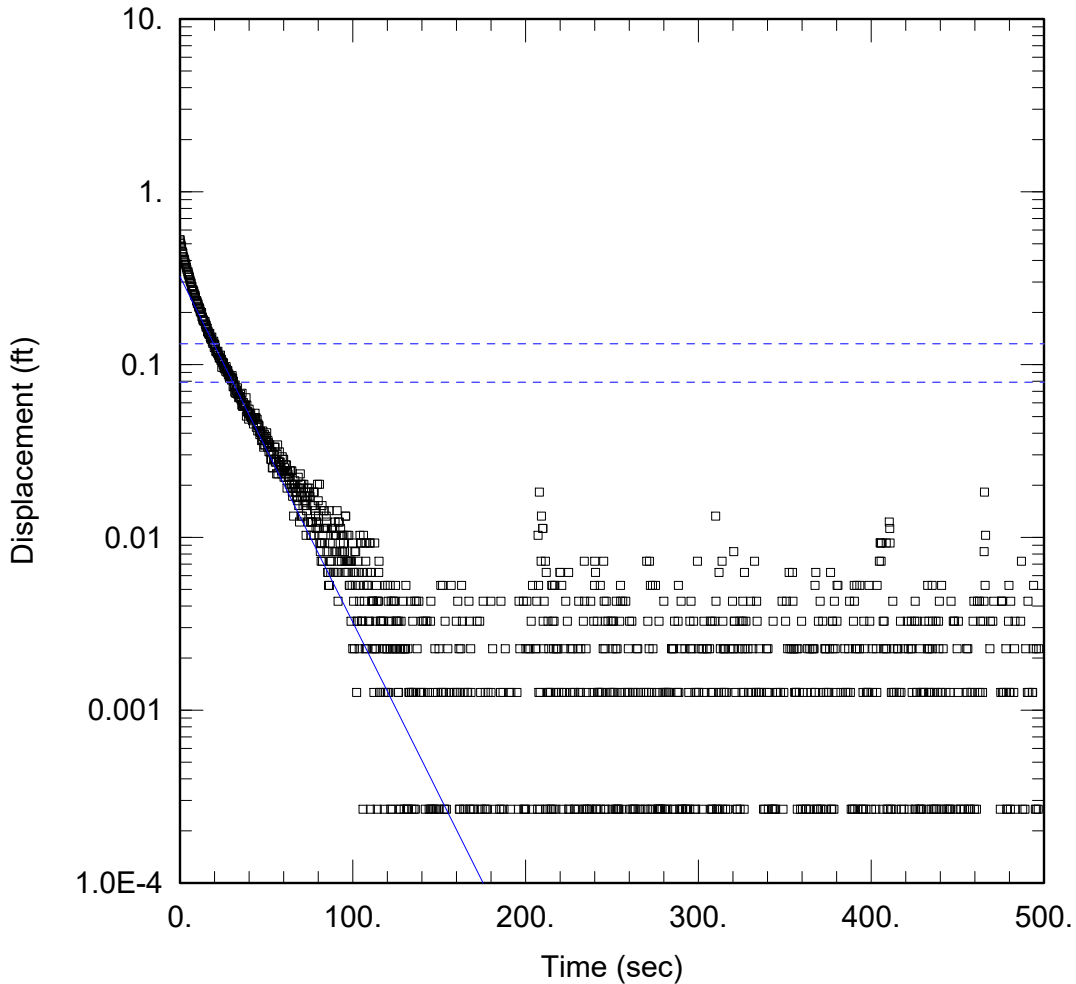
Initial Displacement: 0.3547 ft
 Total Well Penetration Depth: 11.3 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 32.05 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 1.138 ft/day

Solution Method: Hvorslev
 y_0 = 0.2449 ft



BC-28B SLUG 2

Data Set: P:\...\BC-28B_2.aqt
 Date: 03/03/20

Time: 09:00:29

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-28B Slug 2
 Test Date: 05/08/2019

AQUIFER DATA

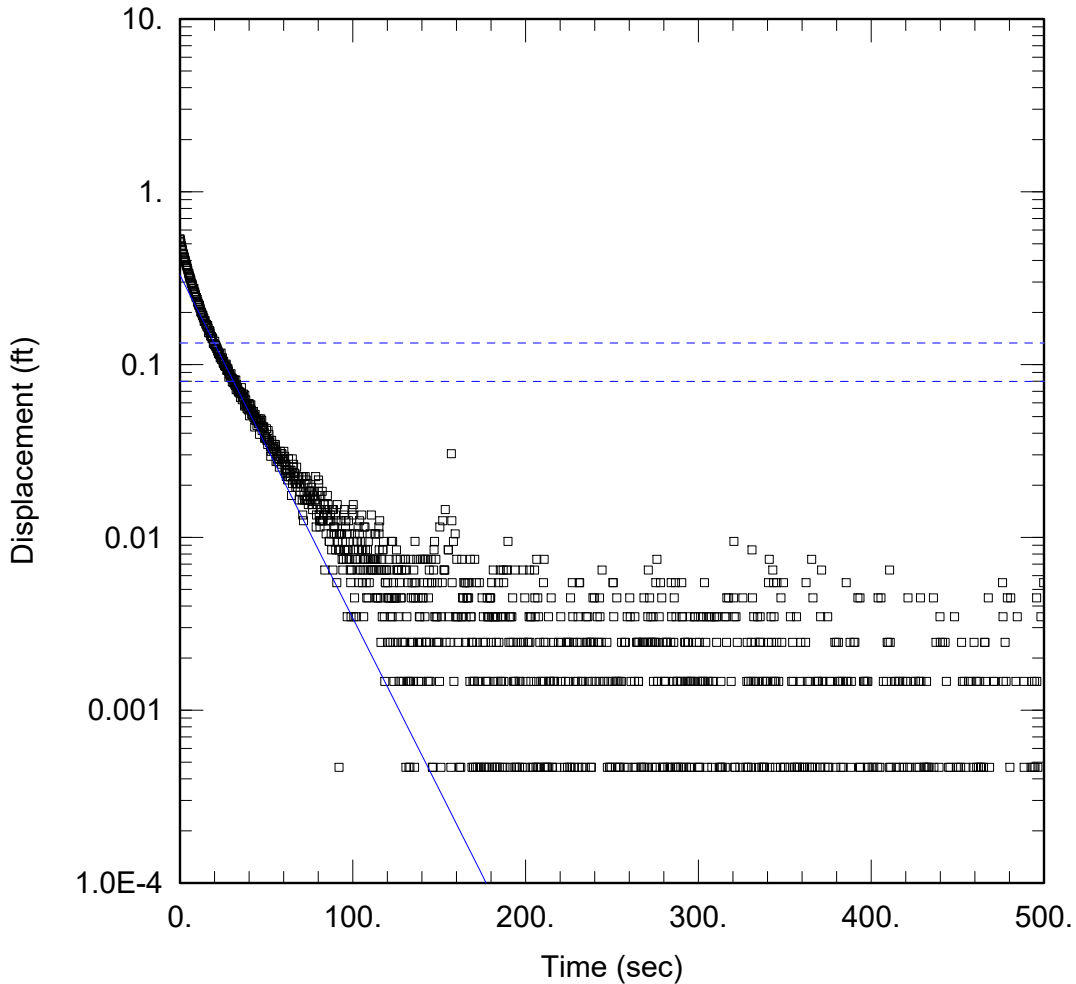
Saturated Thickness: 21.7 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BC-28B)

Initial Displacement: 0.5273 ft Static Water Column Height: 32.05 ft
 Total Well Penetration Depth: 11.3 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 1.005 ft/day y0 = 0.3228 ft



BC-28B SLUG 2

Data Set: P:\...\BC-28B_3.aqt
 Date: 03/03/20

Time: 09:02:31

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: BC-28B Slug 2
 Test Date: 05/08/2019

AQUIFER DATA

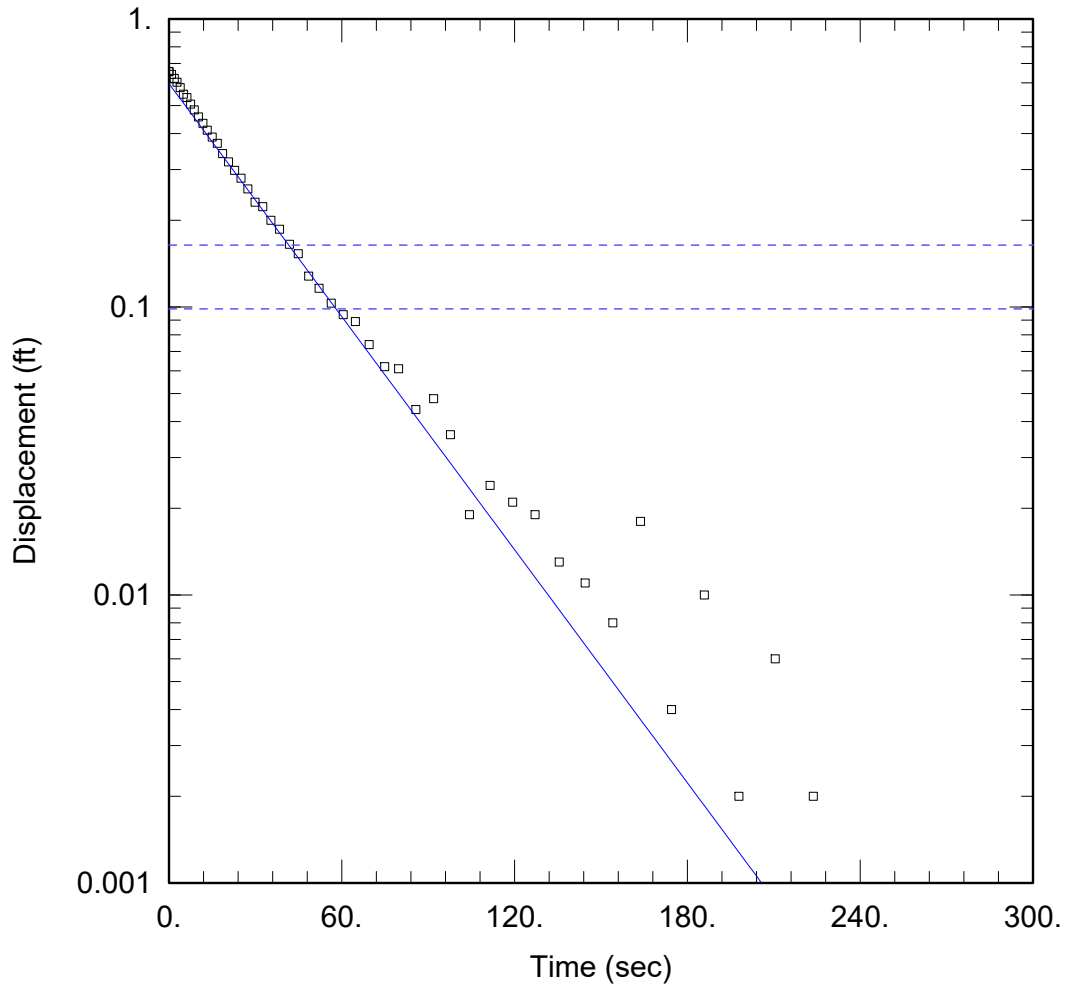
Saturated Thickness: 21.7 ft Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (BC-28B)

Initial Displacement: 0.5325 ft Static Water Column Height: 32.05 ft
 Total Well Penetration Depth: 11.3 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 $K = 0.9977$ ft/day $y_0 = 0.3292$ ft



MW-1A SLUG IN 1

Data Set: P:\...\MW-1A Slug In 1.aqt
 Date: 03/10/20

Time: 13:58:57

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1A Slug In 1
 Test Date: 03/05/2020

AQUIFER DATA

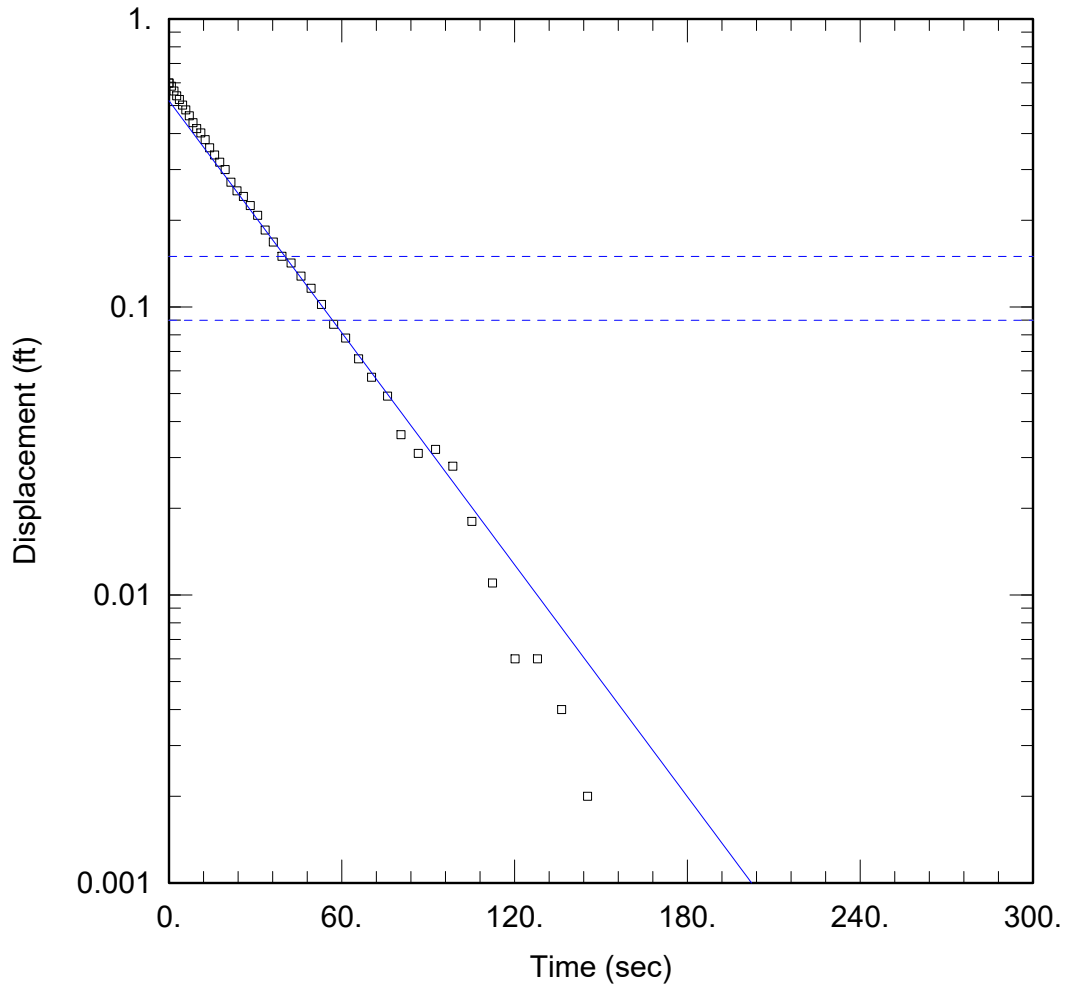
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1A)

Initial Displacement: 0.656 ft Static Water Column Height: 17.27 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.6779 ft/day y0 = 0.5962 ft



MW-1A SLUG IN 2

Data Set: P:\...\MW-1A Slug In 2.aqt
 Date: 03/10/20

Time: 14:02:03

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1A Slug In 2
 Test Date: 03/05/2020

AQUIFER DATA

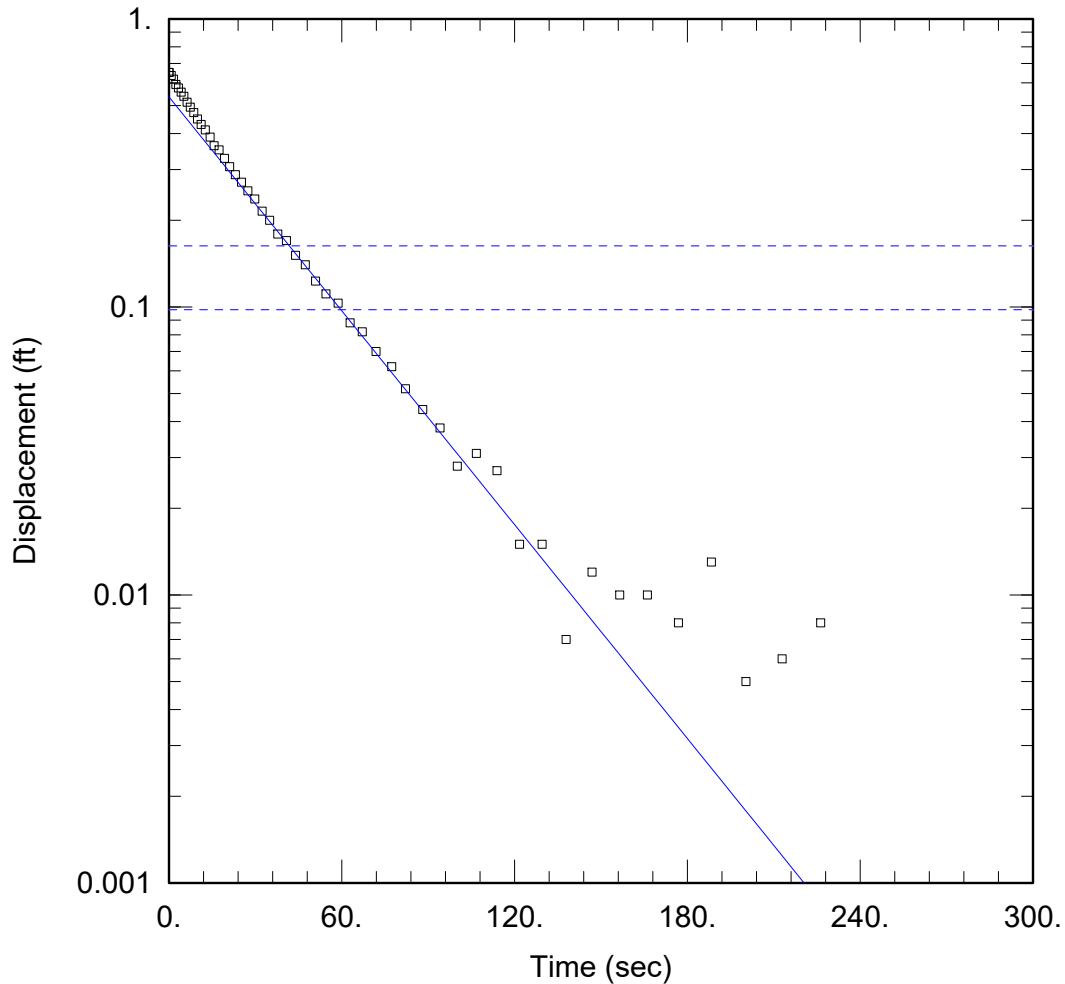
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1A)

Initial Displacement: 0.599 ft Static Water Column Height: 17.27 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.6748 ft/day y0 = 0.5198 ft



MW-1A SLUG IN 3

Data Set: P:\...\MW-1A Slug In 3.aqt
 Date: 03/10/20

Time: 14:05:52

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1A Slug In 3
 Test Date: 03/05/2020

AQUIFER DATA

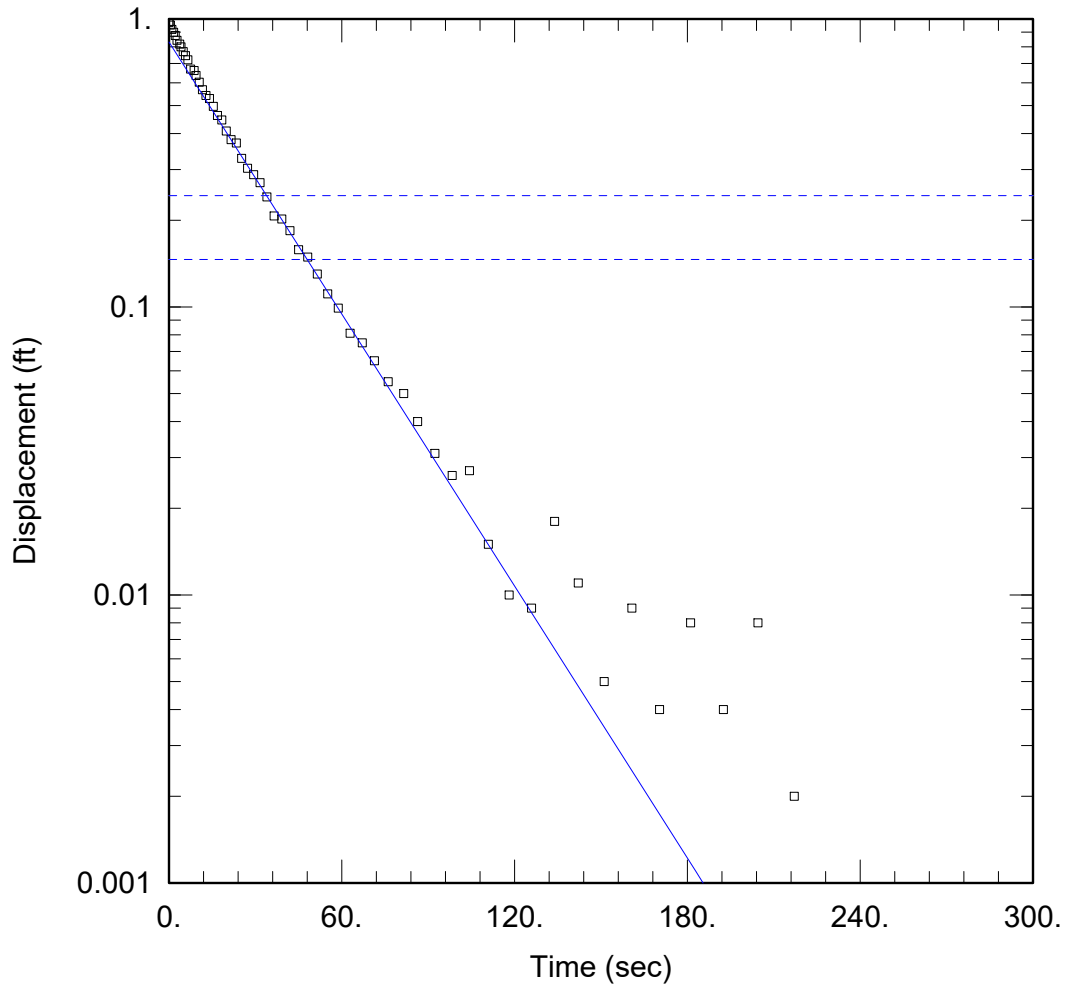
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1A)

Initial Displacement: 0.652 ft Static Water Column Height: 17.27 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.622 ft/day y0 = 0.5358 ft



MW-1A SLUG OUT 1

Data Set: P:\...\MW-1A Slug Out 1.aqt
 Date: 03/10/20

Time: 14:13:17

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1A Slug Out 1
 Test Date: 03/05/2020

AQUIFER DATA

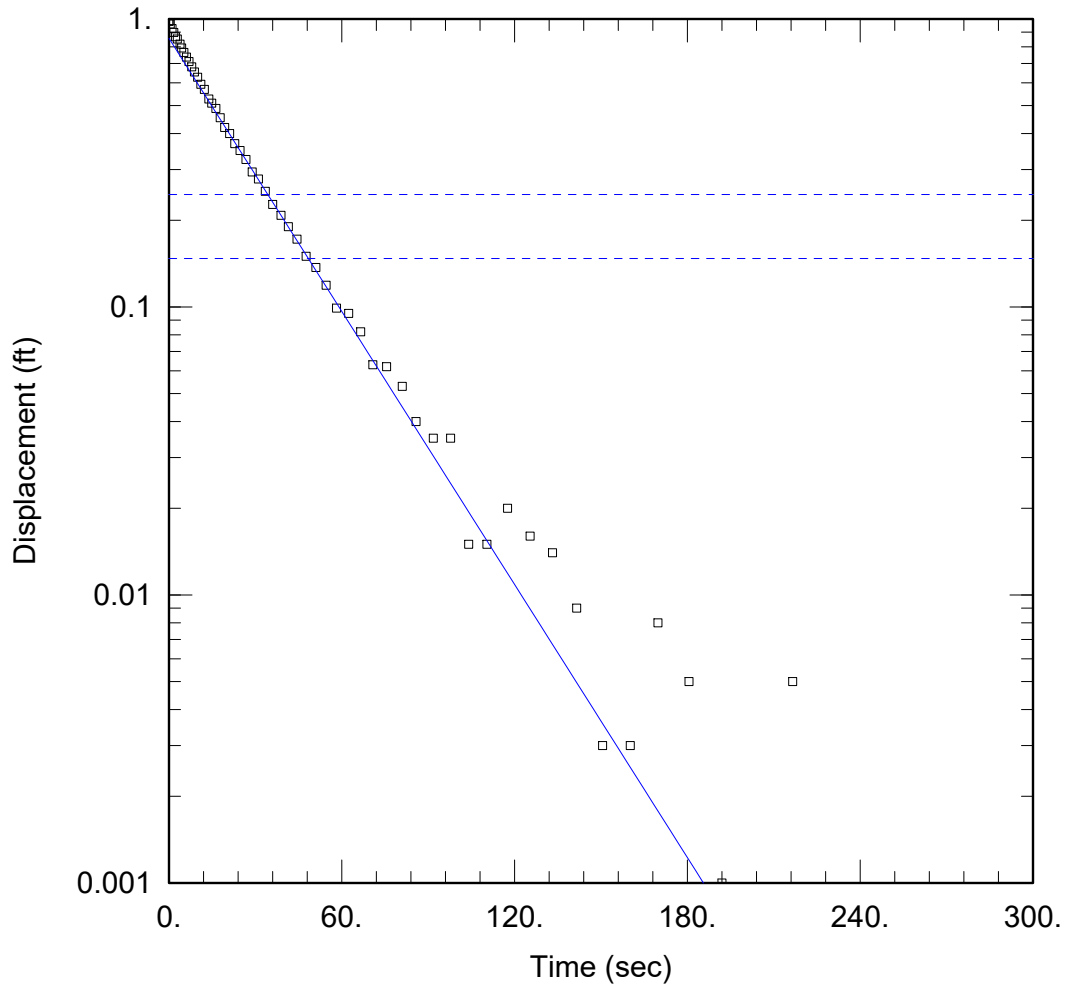
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1A)

Initial Displacement: 0.974 ft Static Water Column Height: 17.27 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.7912 ft/day y0 = 0.831 ft



MW-1A SLUG OUT 2

Data Set: P:\...\MW-1A Slug Out 2.aqt
 Date: 03/10/20

Time: 14:17:03

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1A Slug Out 2
 Test Date: 03/05/2020

AQUIFER DATA

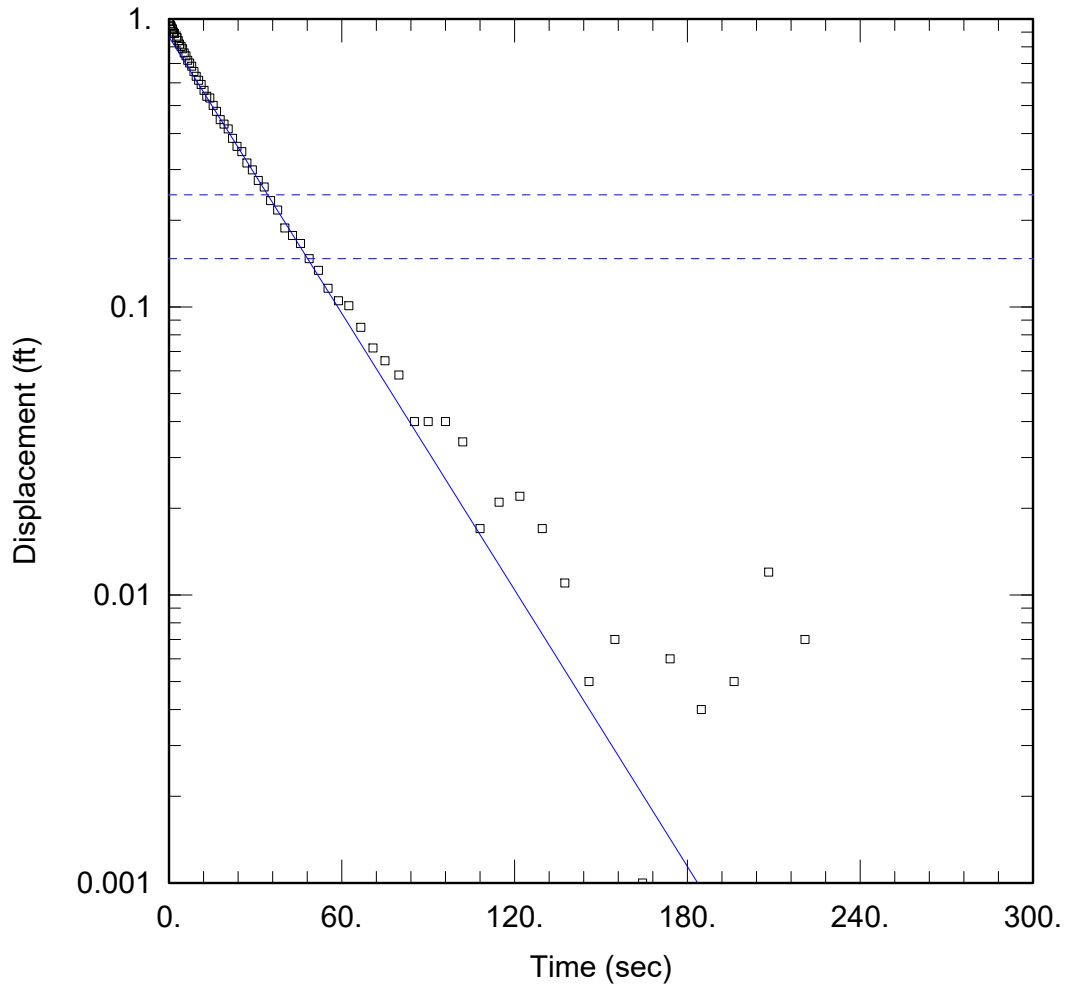
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1A)

Initial Displacement: 0.982 ft Static Water Column Height: 17.27 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.7943 ft/day y0 = 0.8561 ft



MW-1A SLUG OUT 3

Data Set: P:\...\MW-1A Slug Out 3.aqt
 Date: 03/10/20

Time: 14:20:25

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1A Slug Out 3
 Test Date: 03/05/2020

AQUIFER DATA

Saturated Thickness: 20.4 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1A)

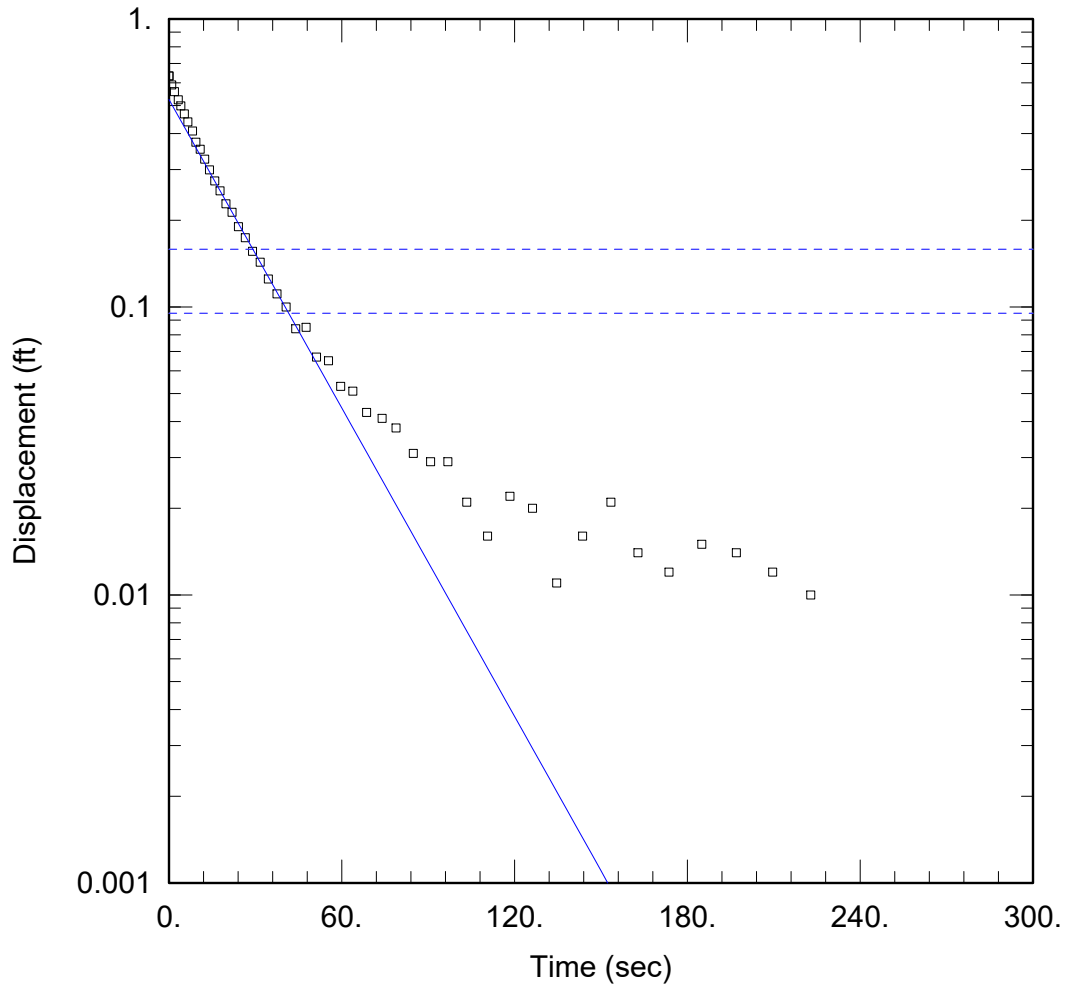
Initial Displacement: 0.98 ft
 Total Well Penetration Depth: 10.4 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 17.27 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 0.8043 ft/day

Solution Method: Hvorslev
 y0 = 0.8664 ft



MW-1B SLUG IN 1

Data Set: P:\...\MW-1B Slug In 1.aqt
 Date: 09/03/20

Time: 10:30:13

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1B Slug In 1
 Test Date: 03/05/2020

AQUIFER DATA

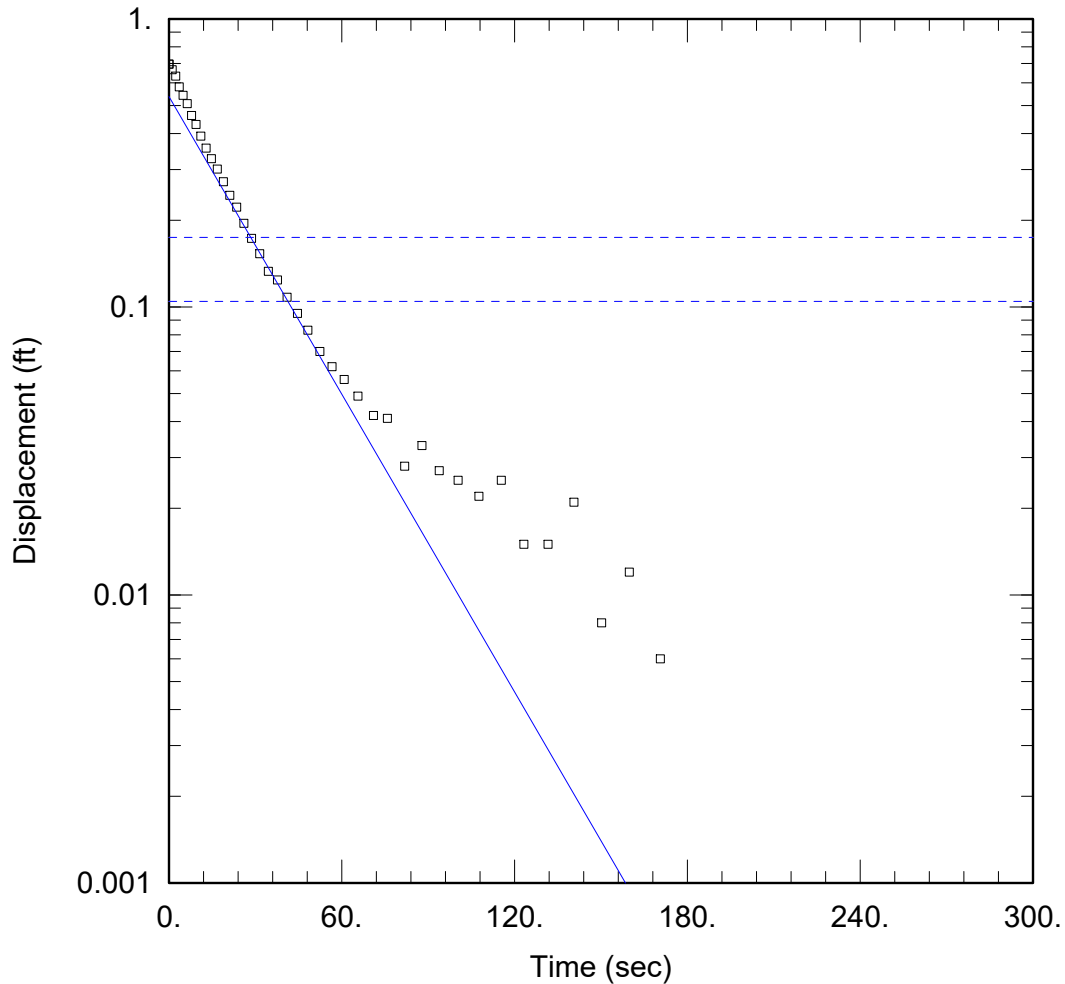
Saturated Thickness: 17.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1B)

Initial Displacement: 0.634 ft Static Water Column Height: 44.67 ft
 Total Well Penetration Depth: 25. ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 1.004 ft/day y0 = 0.5248 ft



MW-1B SLUG IN 2

Data Set: P:\...\MW-1B Slug In 2.aqt
 Date: 09/03/20

Time: 10:31:50

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1B Slug In 2
 Test Date: 03/05/2020

AQUIFER DATA

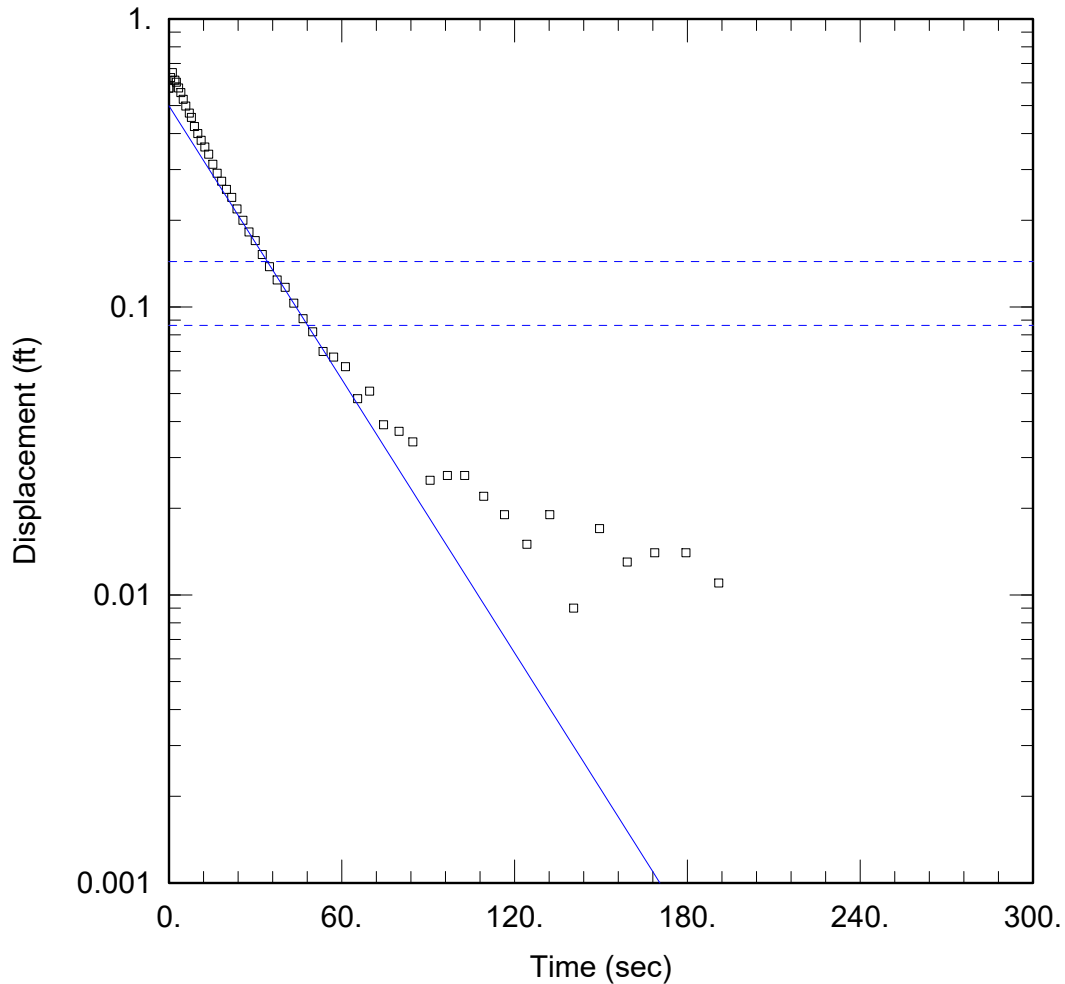
Saturated Thickness: 17.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1B)

Initial Displacement: 0.697 ft Static Water Column Height: 44.67 ft
 Total Well Penetration Depth: 25. ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.9689 ft/day y0 = 0.5374 ft



MW-1B SLUG IN 3

Data Set: P:\...\MW-1B Slug In 3.aqt
 Date: 09/03/20

Time: 10:33:28

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1B Slug In 3
 Test Date: 03/05/2020

AQUIFER DATA

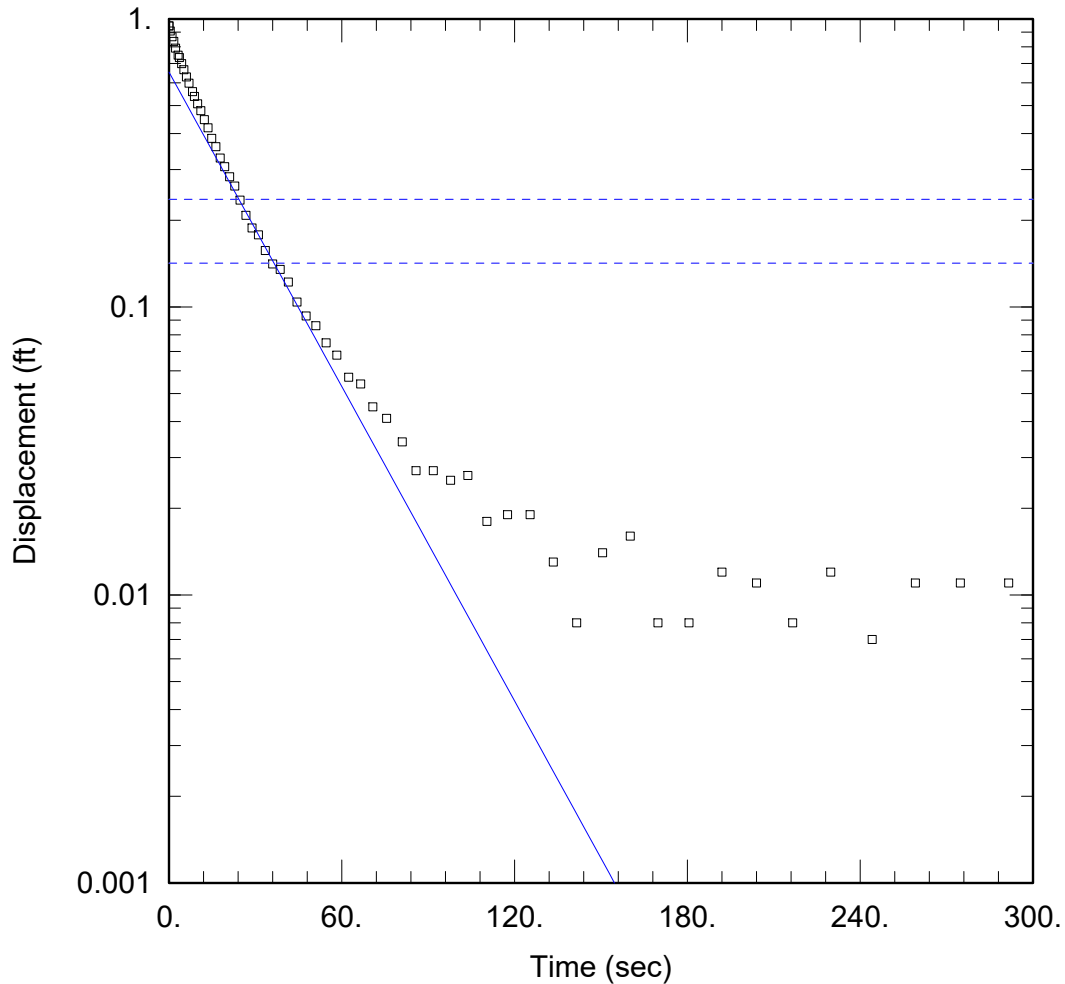
Saturated Thickness: 17.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1B)

Initial Displacement: 0.575 ft Static Water Column Height: 44.67 ft
 Total Well Penetration Depth: 25. ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.8902 ft/day y0 = 0.4989 ft



MW-1B SLUG OUT 2

Data Set: P:\...\MW-1B Slug Out 2.aqt
 Date: 09/03/20

Time: 10:36:38

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1B Slug Out 2
 Test Date: 03/05/2020

AQUIFER DATA

Saturated Thickness: 17.4 ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-1B)

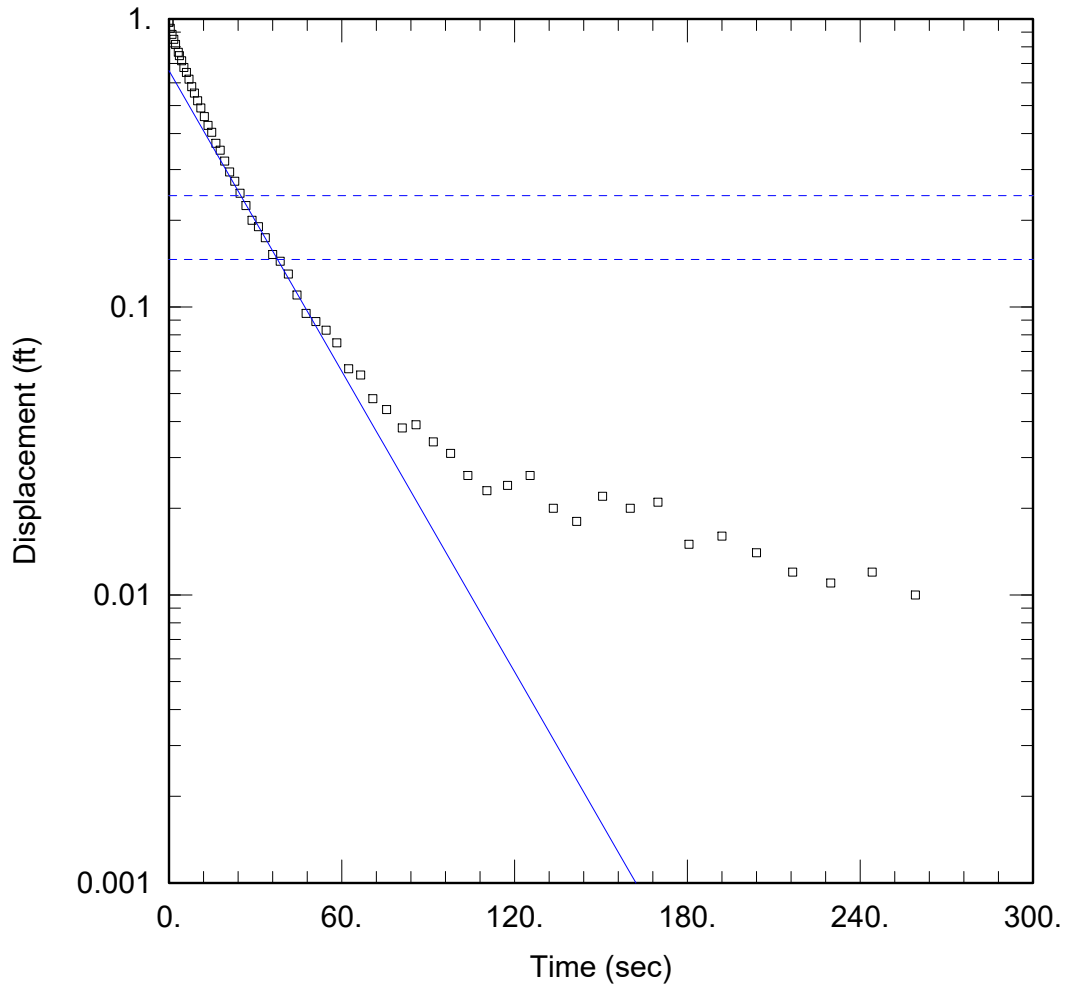
Initial Displacement: 0.946 ft
 Total Well Penetration Depth: 25. ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 44.67 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 1.024 ft/day

Solution Method: Hvorslev
 y_0 = 0.6538 ft



MW-1B SLUG OUT 3

Data Set: P:\...\MW-1B Slug Out 3.aqt
 Date: 09/03/20

Time: 10:38:12

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-1B Slug Out 3
 Test Date: 03/05/2020

AQUIFER DATA

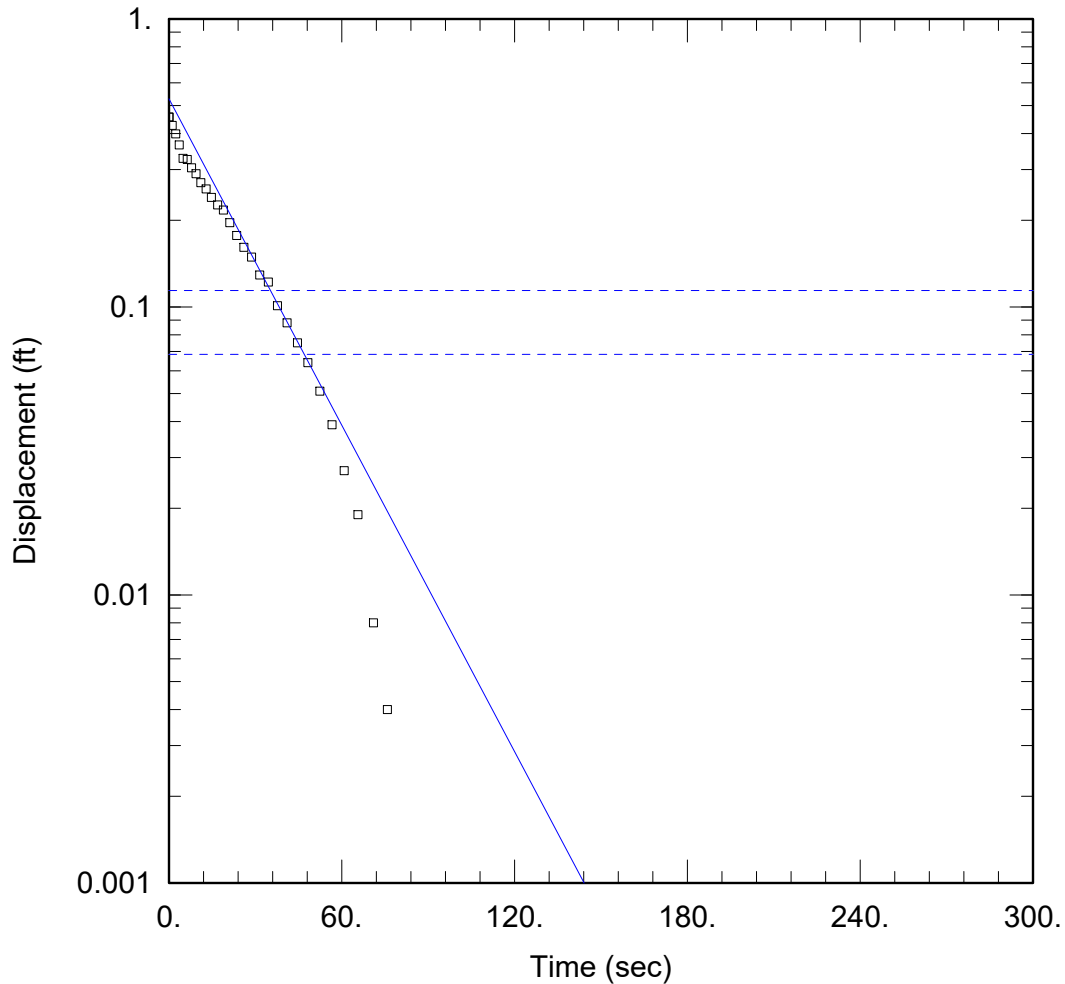
Saturated Thickness: 17.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-1B)

Initial Displacement: 0.974 ft Static Water Column Height: 44.67 ft
 Total Well Penetration Depth: 25. ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.9784 ft/day y0 = 0.6609 ft



MW-5A SLUG IN 1

Data Set: P:\...\MW-5A Slug In 1.aqt
 Date: 03/12/20

Time: 07:12:03

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-5A Slug In 1
 Test Date: 03/05/2020

AQUIFER DATA

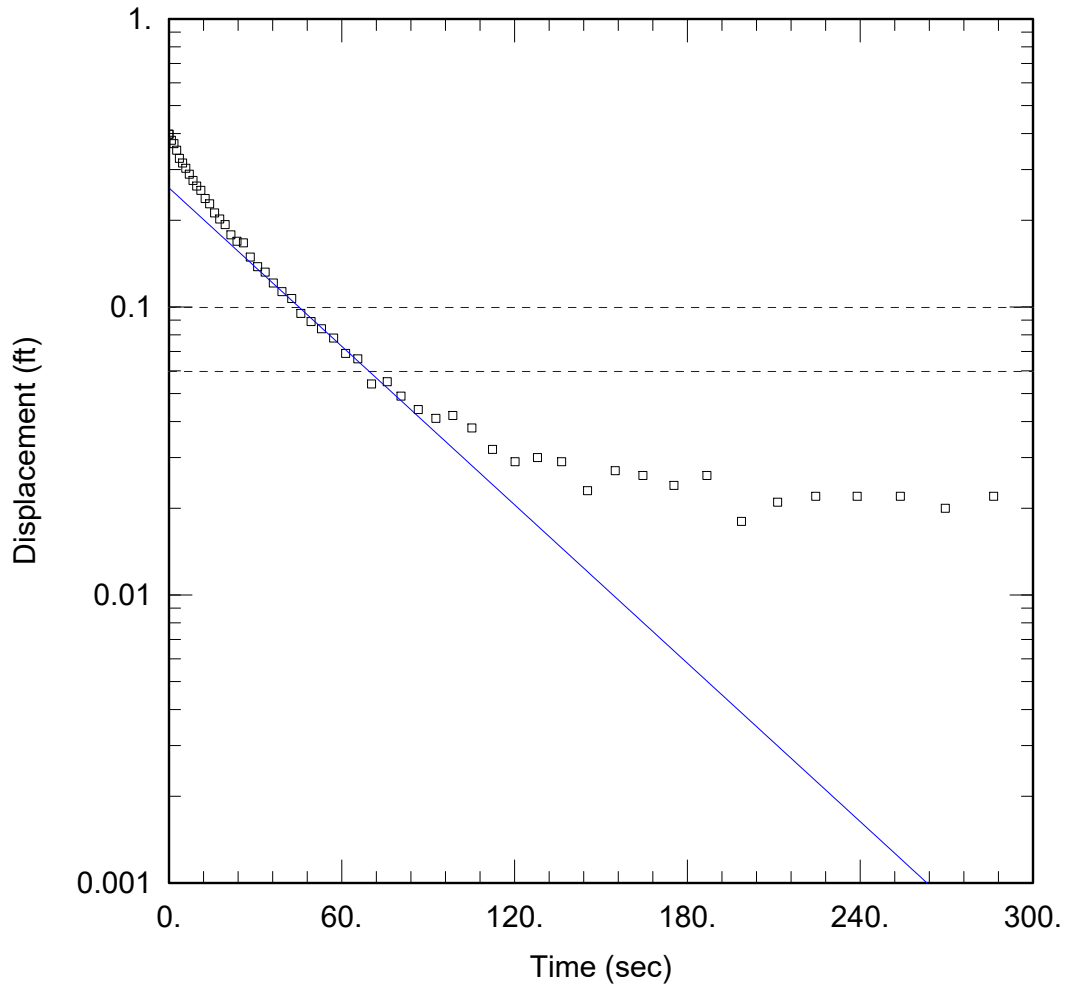
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-5A)

Initial Displacement: 0.456 ft Static Water Column Height: 17.55 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.9496 ft/day y0 = 0.5281 ft



MW-5A SLUG IN 2

Data Set: P:\...\MW-5A Slug In 2.aqt
 Date: 03/12/20

Time: 07:14:46

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-5A Slug In 2
 Test Date: 03/05/2020

AQUIFER DATA

Saturated Thickness: 20.4 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-5A)

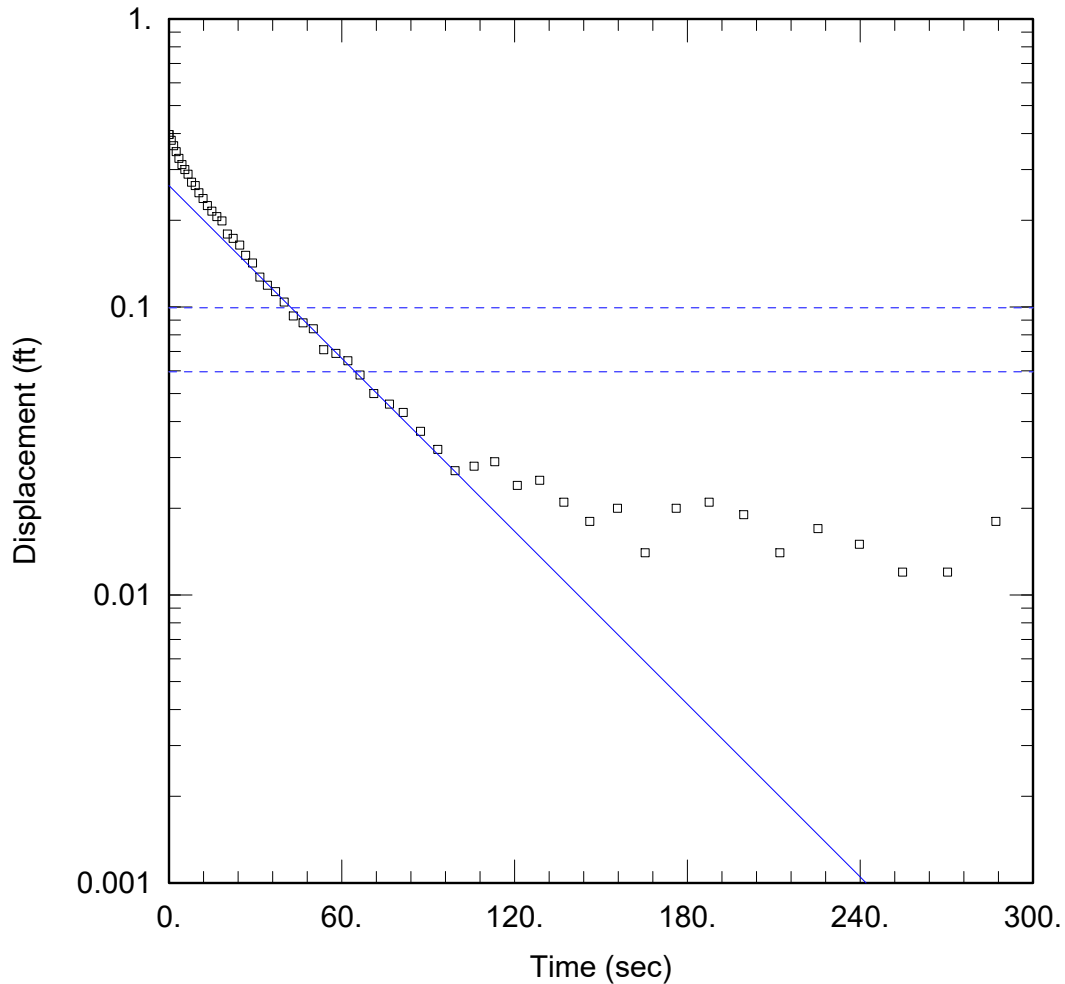
Initial Displacement: 0.398 ft
 Total Well Penetration Depth: 10.4 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 17.55 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 0.4608 ft/day

Solution Method: Hvorslev
 y0 = 0.2589 ft



MW-5A SLUG IN 3

Data Set: P:\...\MW-5A Slug In 3.aqt
 Date: 03/12/20

Time: 07:17:21

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-5A Slug In 3
 Test Date: 03/05/2020

AQUIFER DATA

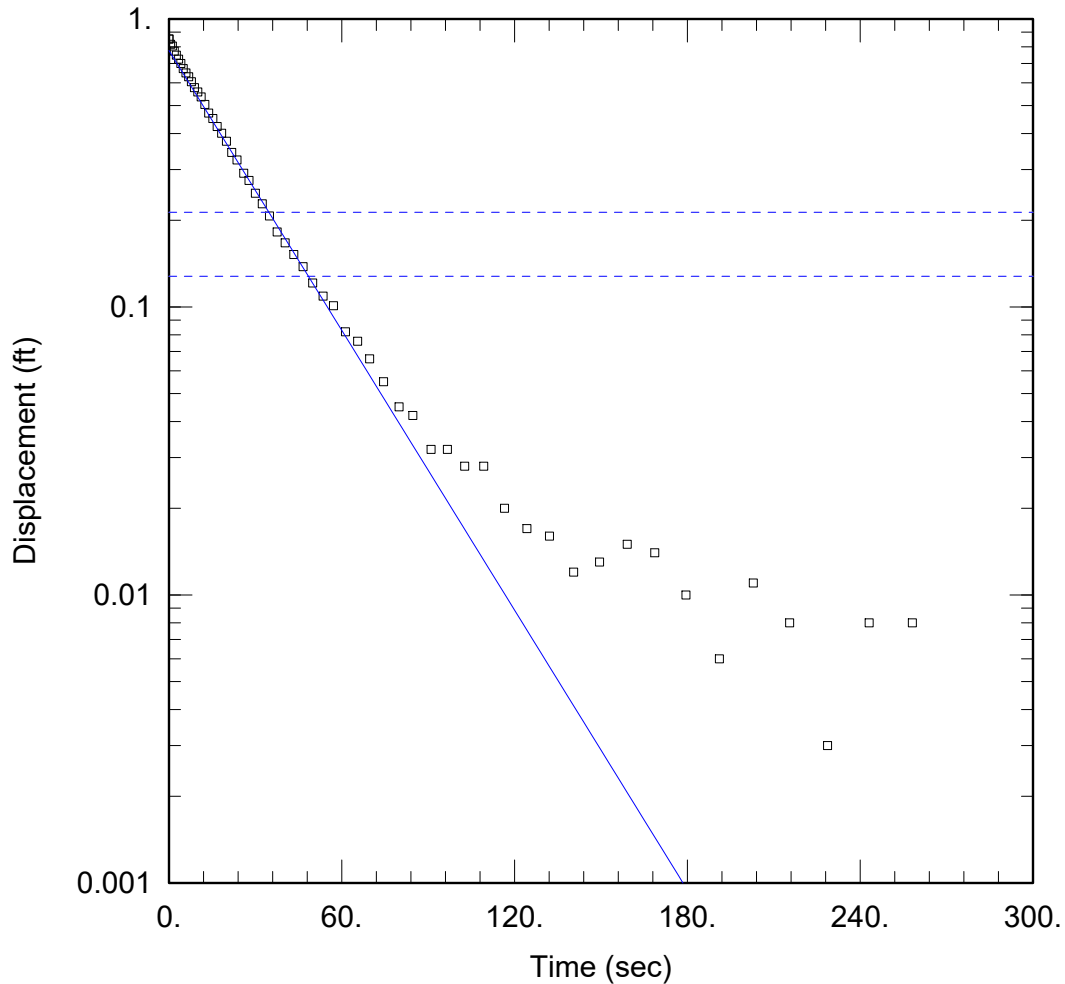
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-5A)

Initial Displacement: 0.397 ft Static Water Column Height: 17.55 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.5027 ft/day y0 = 0.2638 ft



MW-5A SLUG OUT 1

Data Set: P:\...\MW-5A Slug Out 1.aqt
 Date: 03/12/20

Time: 07:20:21

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-5A Slug Out 1
 Test Date: 03/05/2020

AQUIFER DATA

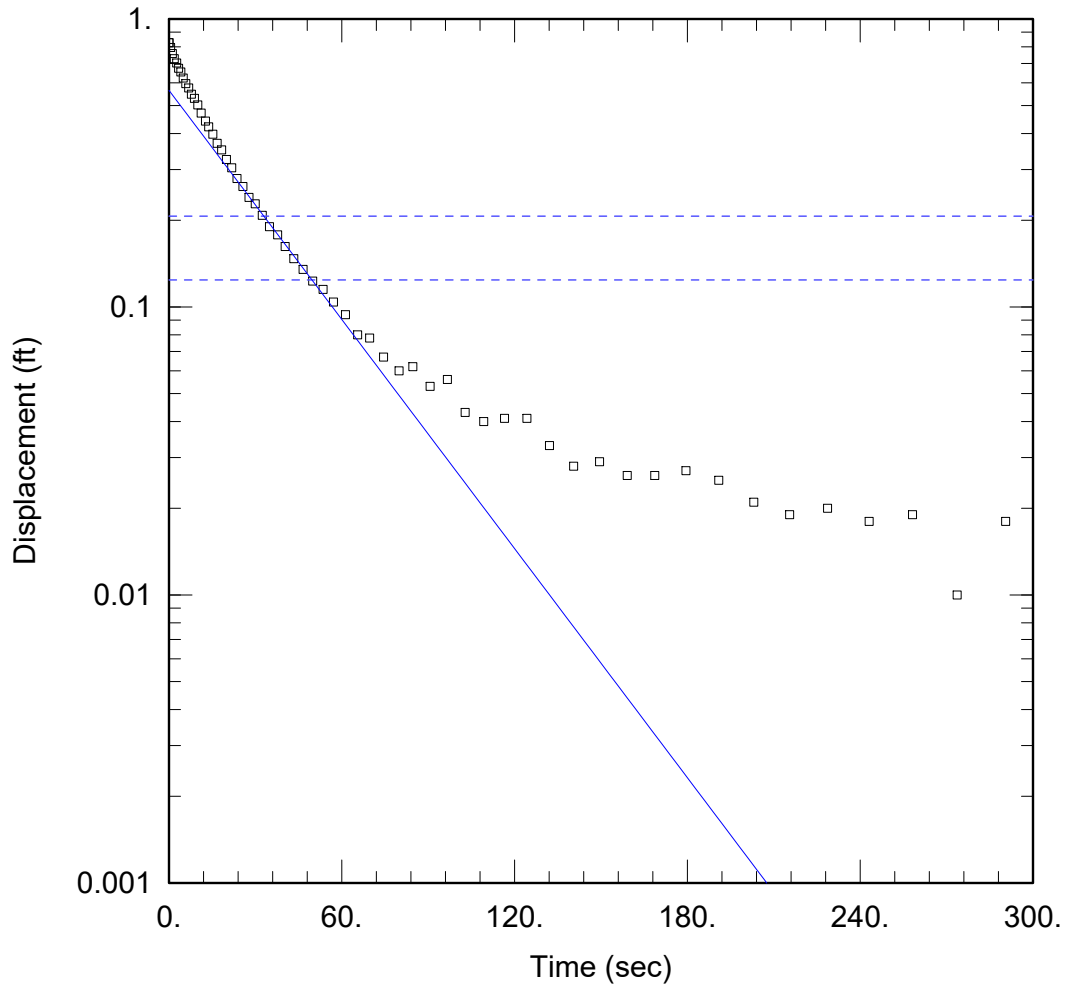
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-5A)

Initial Displacement: 0.852 ft Static Water Column Height: 17.55 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.8139 ft/day y0 = 0.7766 ft



MW-5A SLUG OUT 2

Data Set: P:\...\MW-5A Slug Out 2.aqt
 Date: 03/12/20

Time: 07:22:38

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-5A Slug Out 2
 Test Date: 03/05/2020

AQUIFER DATA

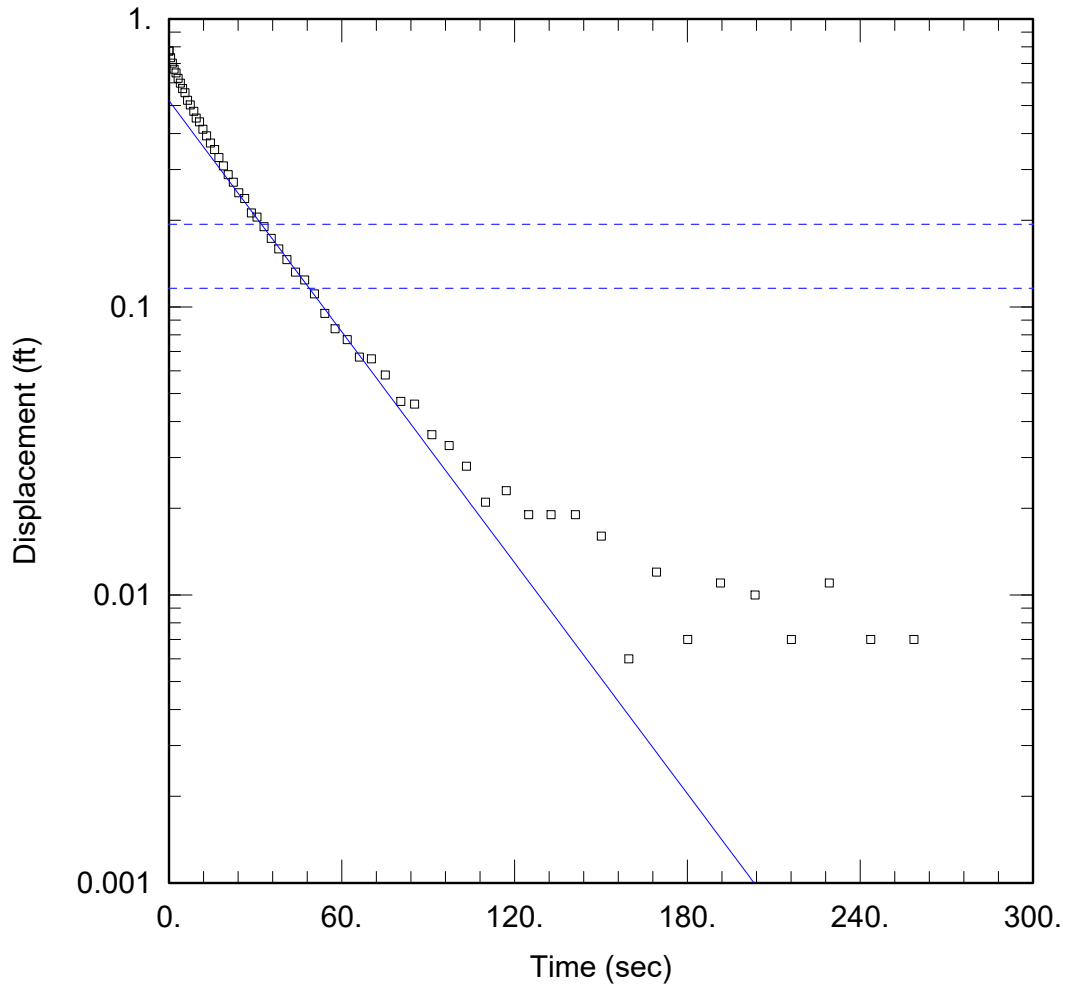
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-5A)

Initial Displacement: 0.827 ft Static Water Column Height: 17.55 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.6664 ft/day y0 = 0.5649 ft



MW-5A SLUG OUT 3

Data Set: P:\...\MW-5A Slug Out 3.aqt
 Date: 03/12/20

Time: 07:26:32

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-5A Slug Out 3
 Test Date: 03/05/2020

AQUIFER DATA

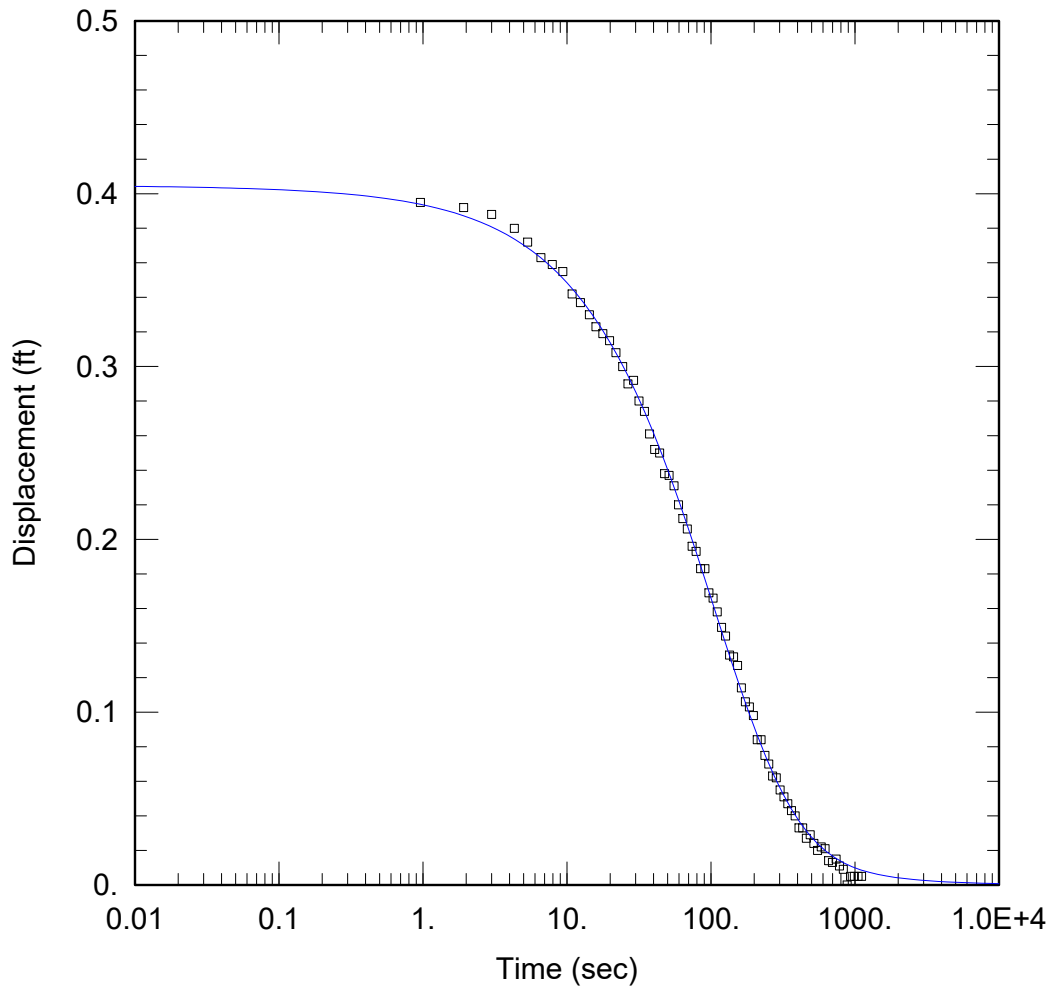
Saturated Thickness: 20.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-5A)

Initial Displacement: 0.774 ft Static Water Column Height: 17.55 ft
 Total Well Penetration Depth: 10.4 ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.6719 ft/day y0 = 0.5197 ft



MW-6A SLUG IN 1

Data Set: P:\...\MW-6A Slug In 1.aqt
 Date: 03/13/20

Time: 10:12:38

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-6A Slug In 1
 Test Date: 03/04/2020

AQUIFER DATA

Saturated Thickness: 4.1 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-6A)

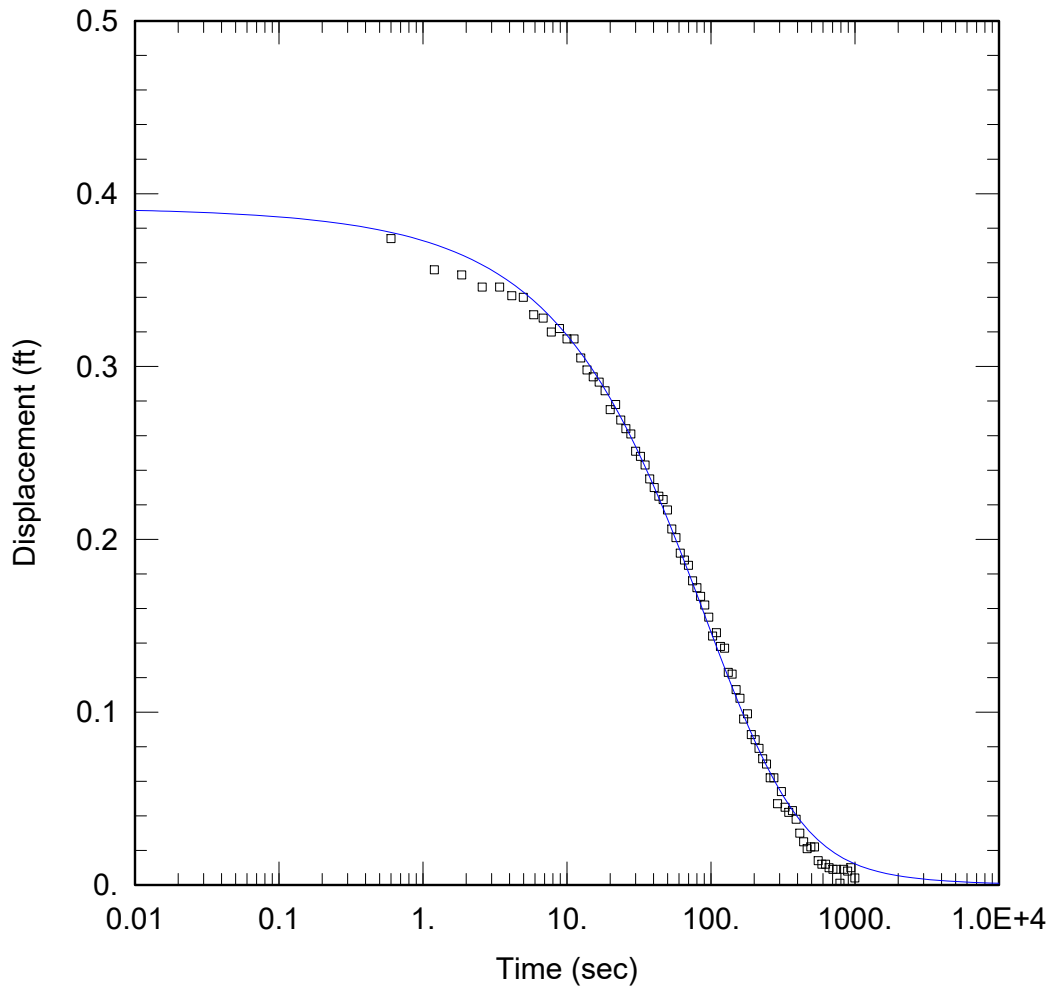
Initial Displacement: 0.405 ft
 Total Well Penetration Depth: 7.5 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 17.56 ft
 Screen Length: 7.5 ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 T = 1.082 ft²/day

Solution Method: Cooper-Bredehoeft-Papadopoulos
 S = 0.0003864



MW-6A SLUG IN 2

Data Set: P:\...\MW-6A Slug In 2.aqt
Date: 03/13/20

Time: 10:14:28

PROJECT INFORMATION

Company: ERM
Project: 0494255
Test Well: MW-6A Slug In 2
Test Date: 03/04/2020

AQUIFER DATA

Saturated Thickness: 4.1 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-6A)

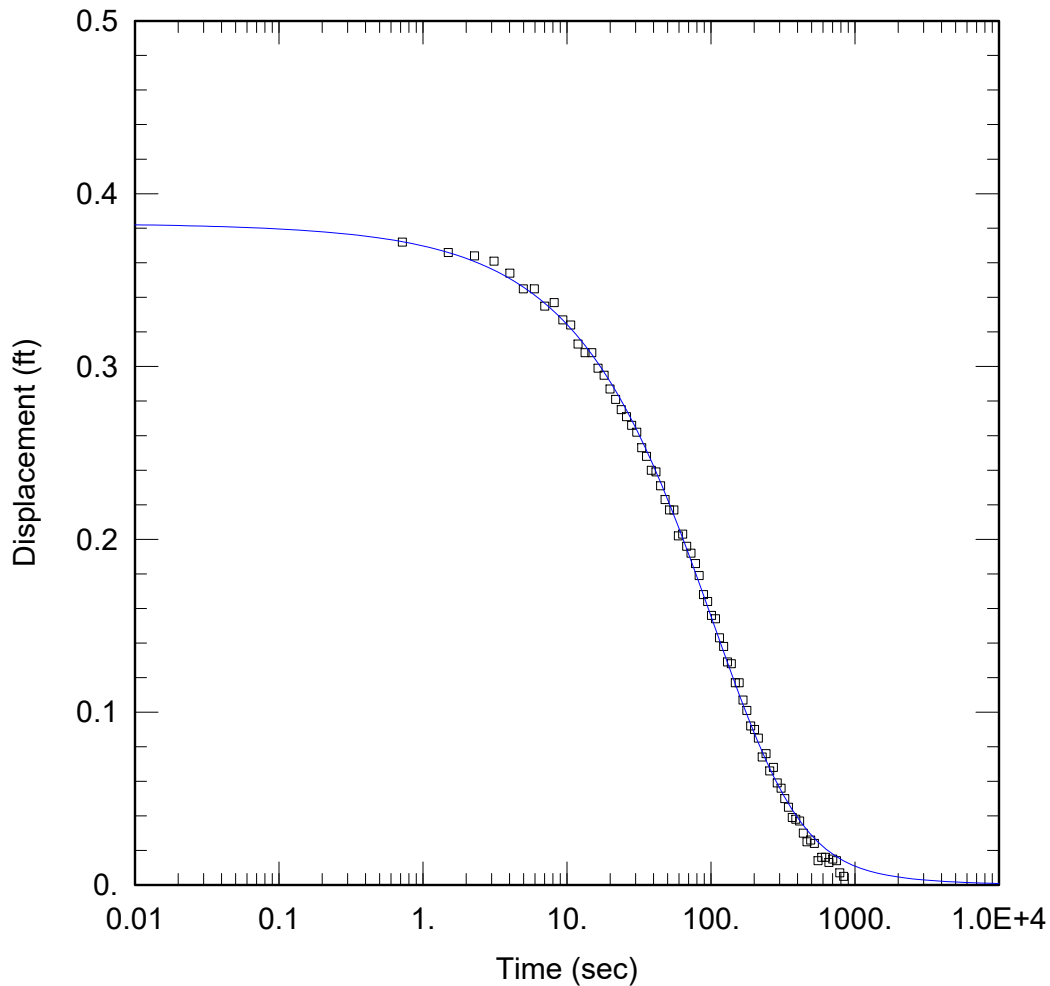
Initial Displacement: 0.392 ft
Total Well Penetration Depth: 7.5 ft
Casing Radius: 0.03125 ft

Static Water Column Height: 17.56 ft
Screen Length: 7.5 ft
Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
T = 0.806 ft²/day

Solution Method: Cooper-Bredehoeft-Papadopoulos
S = 0.003019



MW-6A SLUG IN 3

Data Set: P:\...\MW-6A Slug In 3.aqt
 Date: 03/13/20

Time: 10:13:59

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-6A Slug In 3
 Test Date: 03/04/2020

AQUIFER DATA

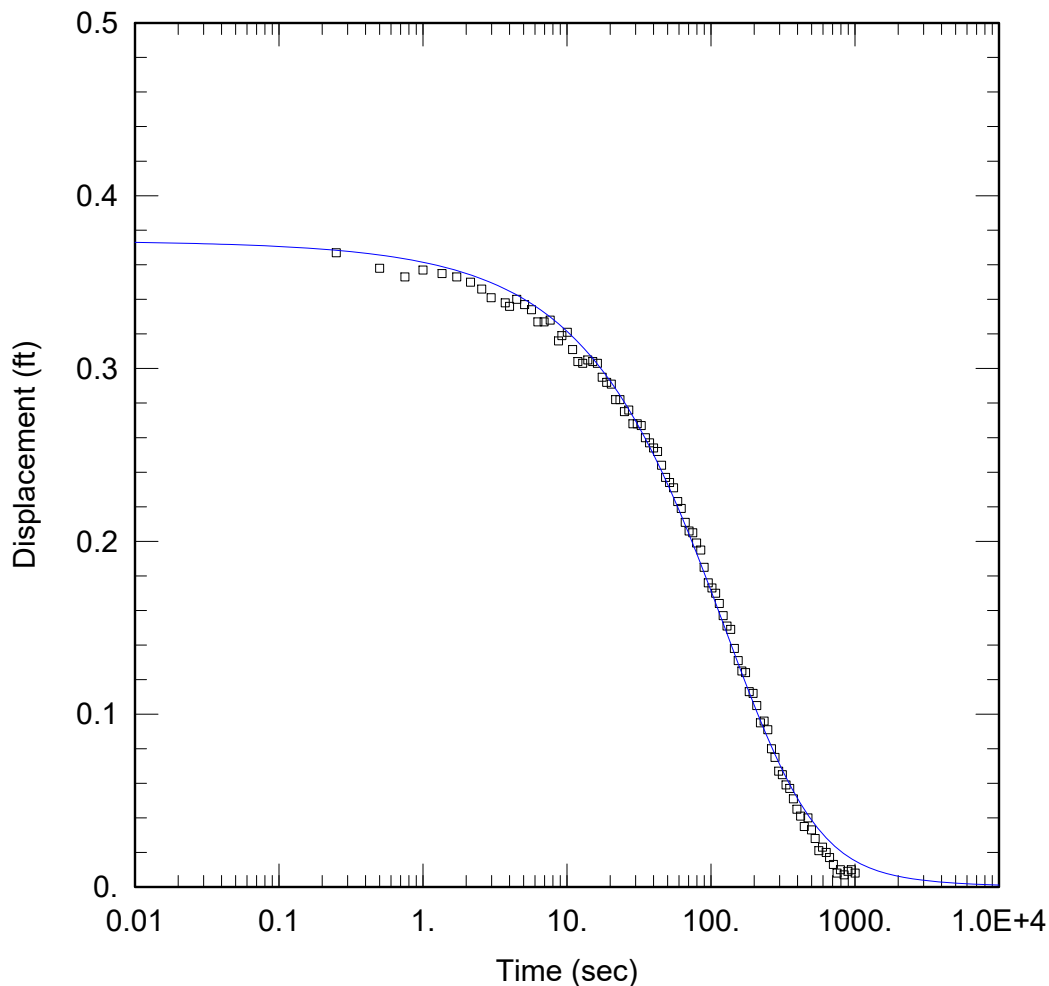
Saturated Thickness: 4.1 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-6A)

Initial Displacement: 0.383 ft Static Water Column Height: 17.56 ft
 Total Well Penetration Depth: 7.5 ft Screen Length: 7.5 ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Cooper-Bredehoeft-Papadopoulos
 T = 0.9265 ft²/day S = 0.0009486



MW-6A SLUG OUT 1

Data Set: P:\...\MW-6A Slug Out 1.aqt

Date: 03/13/20

Time: 10:15:09

PROJECT INFORMATION

Company: ERM

Project: 0494255

Test Well: MW-6A Slug Out 1

Test Date: 03/04/2020

AQUIFER DATA

Saturated Thickness: 4.1 ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-6A)

Initial Displacement: 0.374 ft

Total Well Penetration Depth: 7.5 ft

Casing Radius: 0.03125 ft

Static Water Column Height: 17.56 ft

Screen Length: 7.5 ft

Well Radius: 0.09375 ft

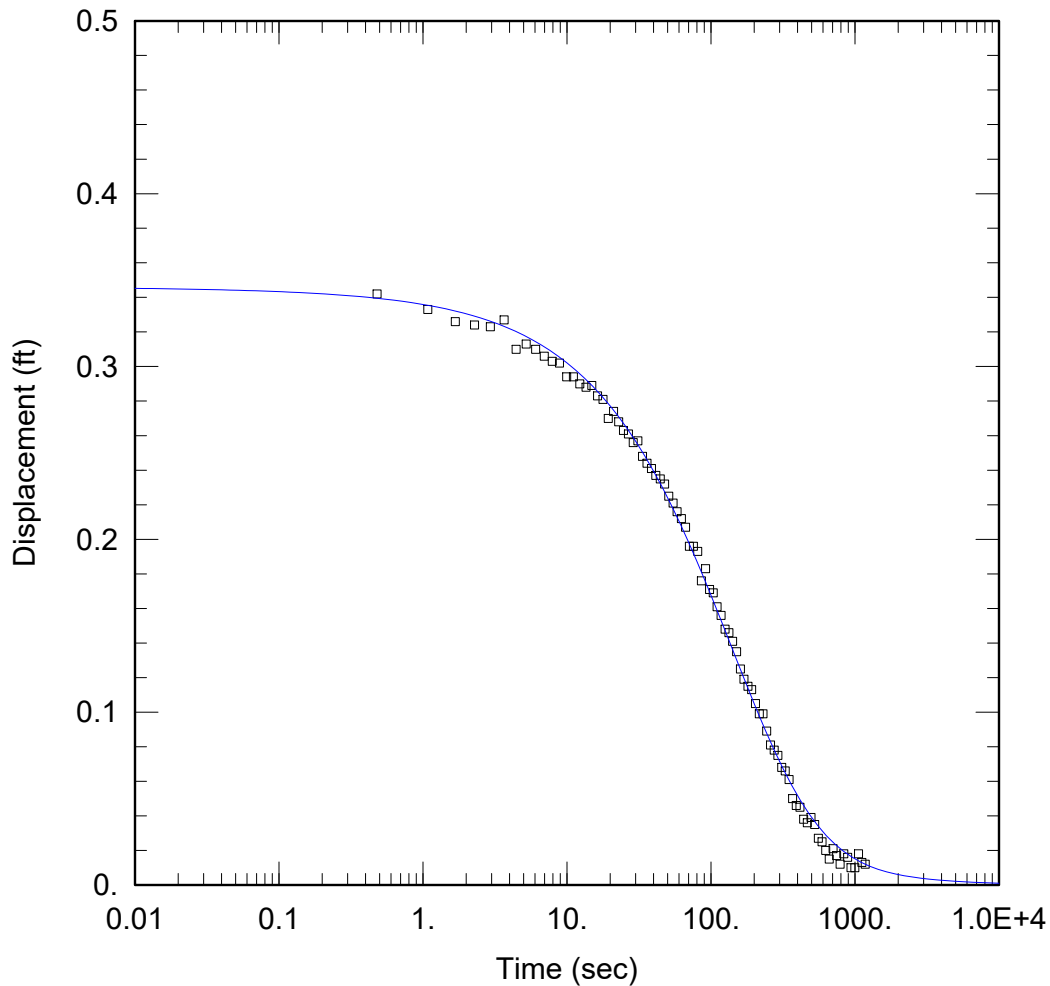
SOLUTION

Aquifer Model: Confined

T = 0.696 ft²/day

Solution Method: Cooper-Bredehoeft-Papadopoulos

S = 0.001402



MW-6A SLUG OUT 2

Data Set: P:\...\MW-6A Slug Out 2.aqt
 Date: 03/13/20

Time: 10:15:56

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-6A Slug Out 2
 Test Date: 03/04/2020

AQUIFER DATA

Saturated Thickness: 4.1 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-6A)

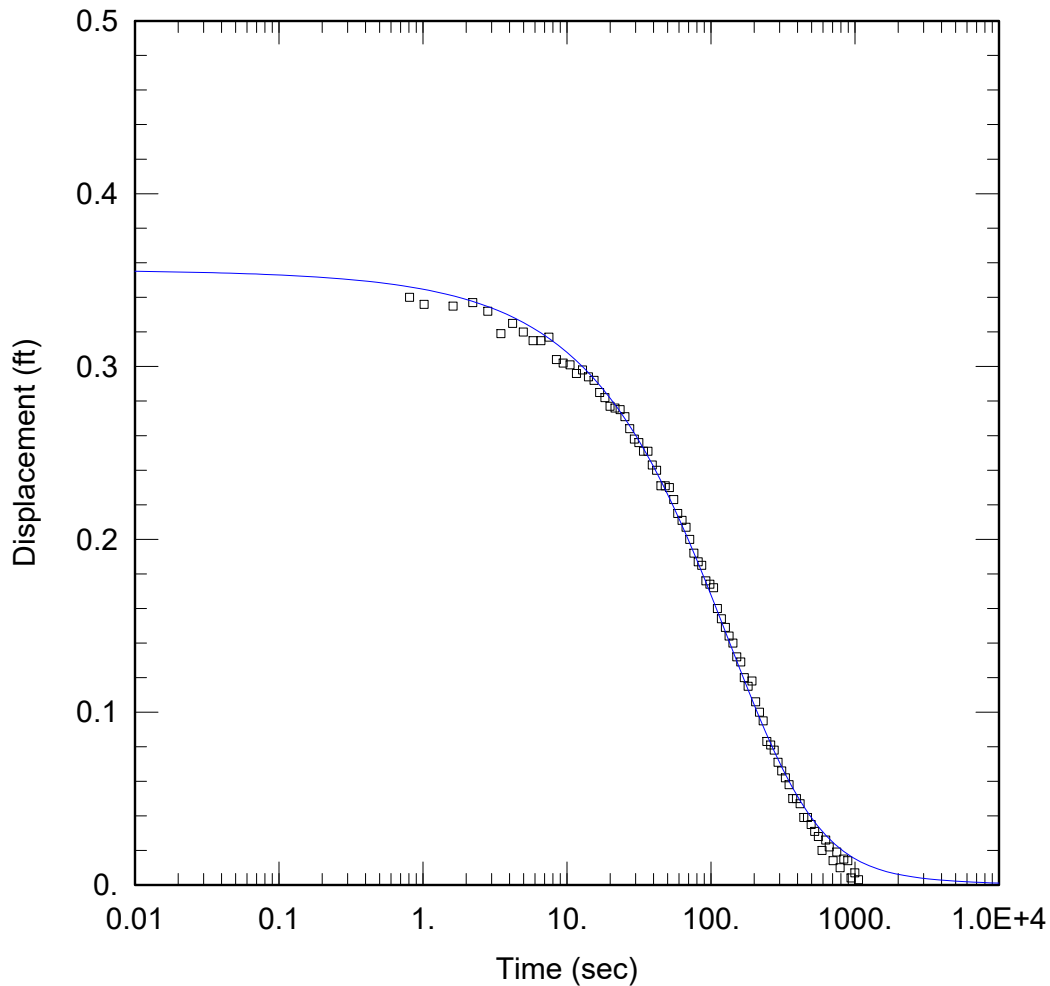
Initial Displacement: 0.346 ft
 Total Well Penetration Depth: 7.5 ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 17.56 ft
 Screen Length: 7.5 ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 T = 0.6766 ft²/day

Solution Method: Cooper-Bredehoeft-Papadopoulos
 S = 0.001022



MW-6A SLUG OUT 3

Data Set: P:\...\MW-6A Slug Out 3.aqt
Date: 03/13/20

Time: 10:16:30

PROJECT INFORMATION

Company: ERM
Project: 0494255
Test Well: MW-6A Slug Out 3
Test Date: 03/04/2020

AQUIFER DATA

Saturated Thickness: 4.1 ft

Anisotropy Ratio (K_z/K_r): 0.1

WELL DATA (MW-6A)

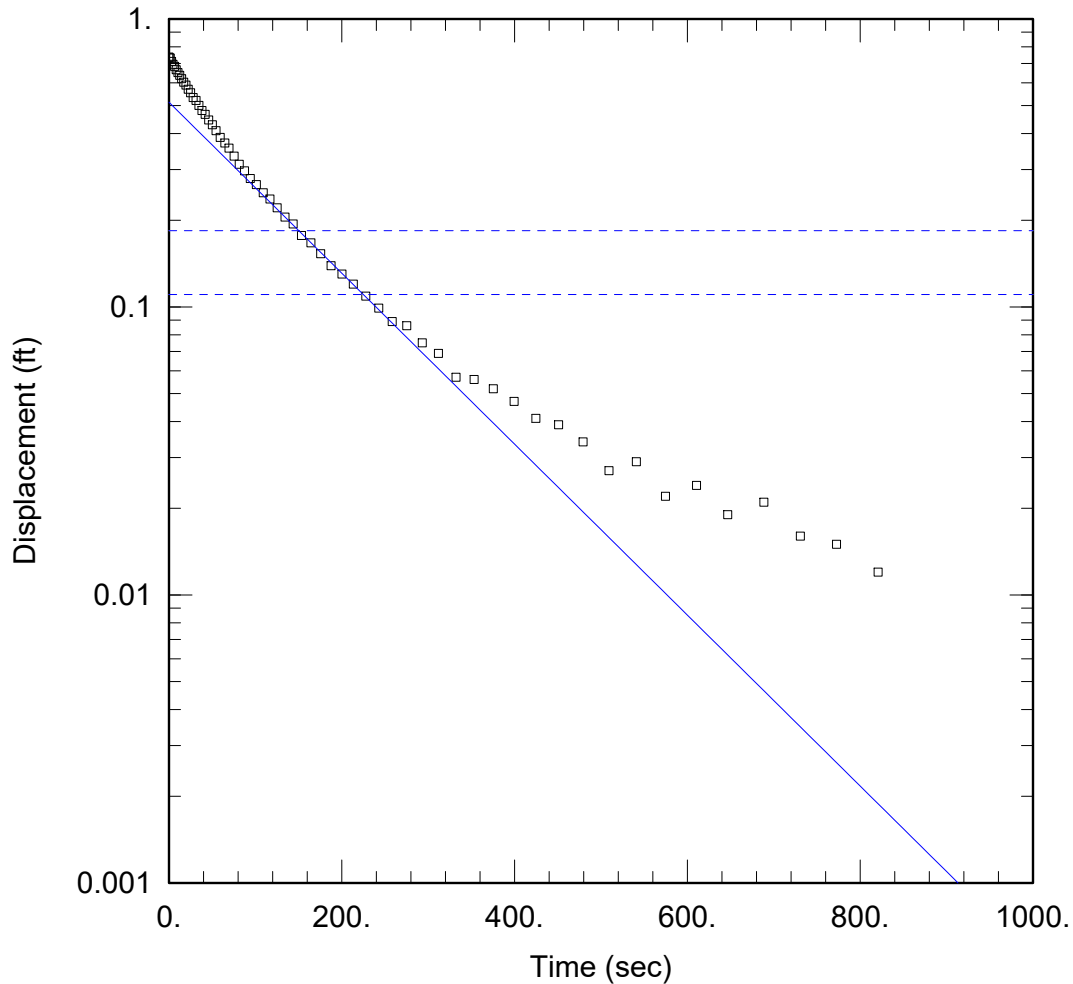
Initial Displacement: 0.356 ft
Total Well Penetration Depth: 7.5 ft
Casing Radius: 0.03125 ft

Static Water Column Height: 17.56 ft
Screen Length: 7.5 ft
Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
T = 0.6768 ft²/day

Solution Method: Cooper-Bredehoeft-Papadopoulos
S = 0.001272



MW-8B SLUG IN 1

Data Set: P:\...\MW-8B Slug In 1.aqt
 Date: 03/12/20

Time: 08:05:19

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-8B Slug In 1
 Test Date: 03/04/2020

AQUIFER DATA

Saturated Thickness: 34.7 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-8B)

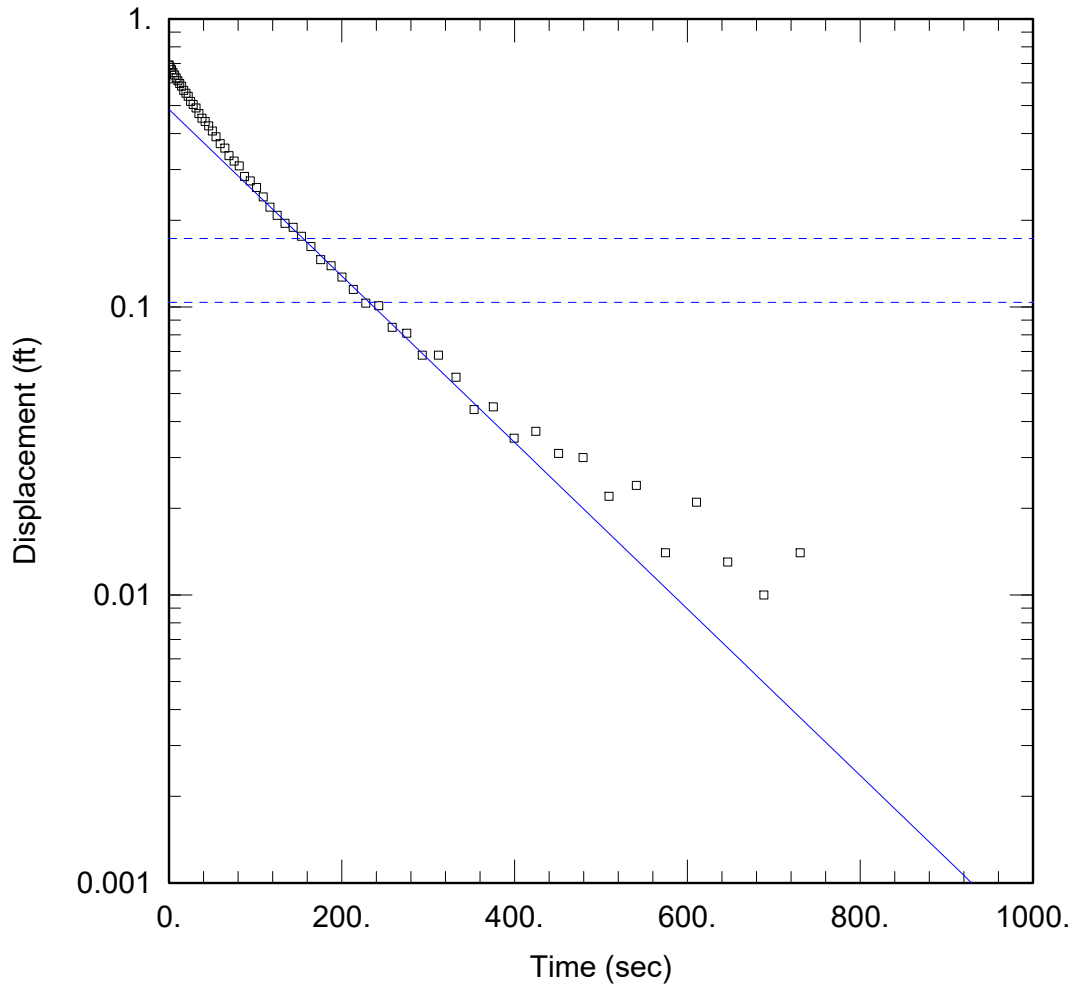
Initial Displacement: 0.736 ft
 Total Well Penetration Depth: 35. ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 49.37 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 0.1669 ft/day

Solution Method: Hvorslev
 y0 = 0.5136 ft



MW-8B SLUG IN 2

Data Set: P:\...\MW-8B Slug In 2.aqt
 Date: 03/12/20

Time: 08:07:55

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-8B Slug In 2
 Test Date: 03/04/2020

AQUIFER DATA

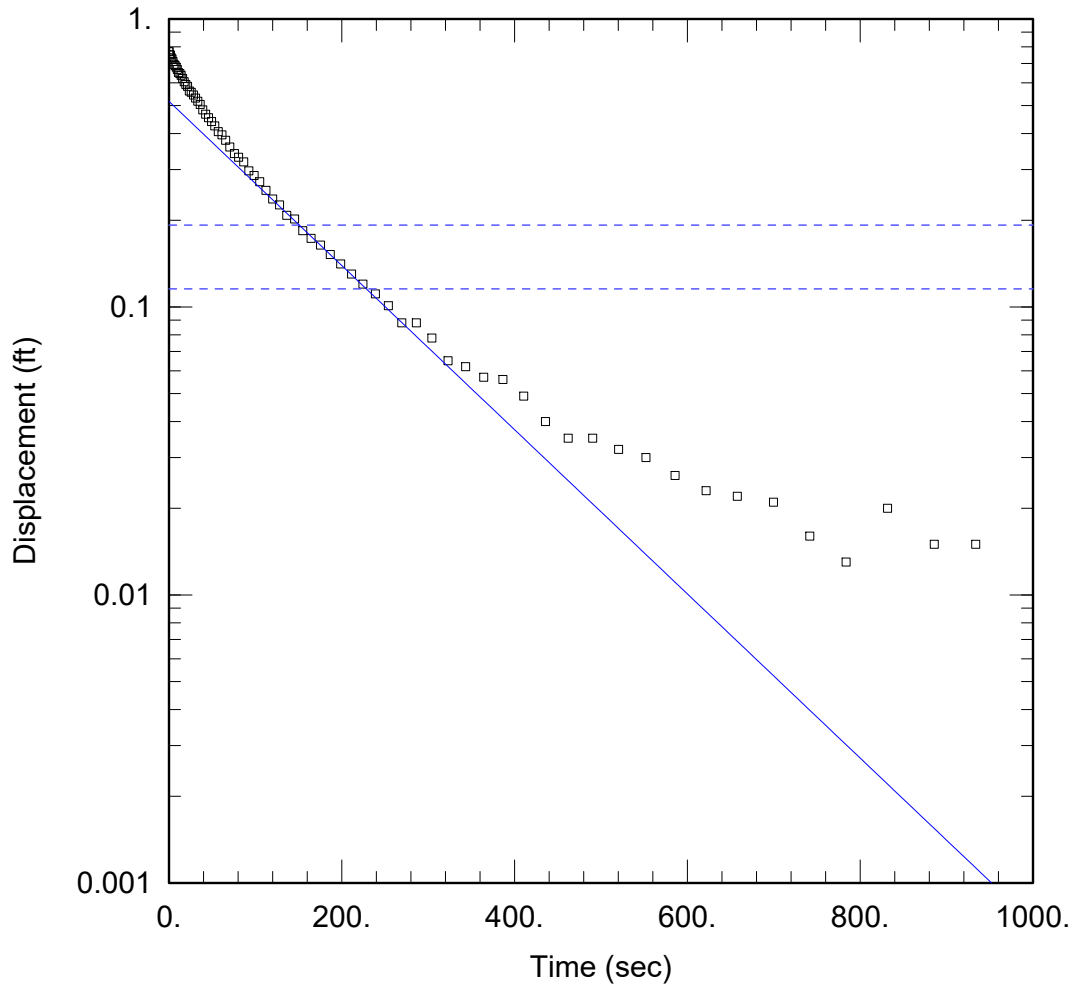
Saturated Thickness: 34.7 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-8B)

Initial Displacement: 0.691 ft Static Water Column Height: 49.37 ft
 Total Well Penetration Depth: 35. ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.1626 ft/day y0 = 0.4852 ft



MW-8B SLUG IN 3

Data Set: P:\...\MW-8B Slug In 3.aqt
Date: 03/12/20

Time: 08:25:47

PROJECT INFORMATION

Company: ERM
Project: 0494255
Test Well: MW-8B Slug In 3
Test Date: 03/04/2020

AQUIFER DATA

Saturated Thickness: 34.7 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-8B)

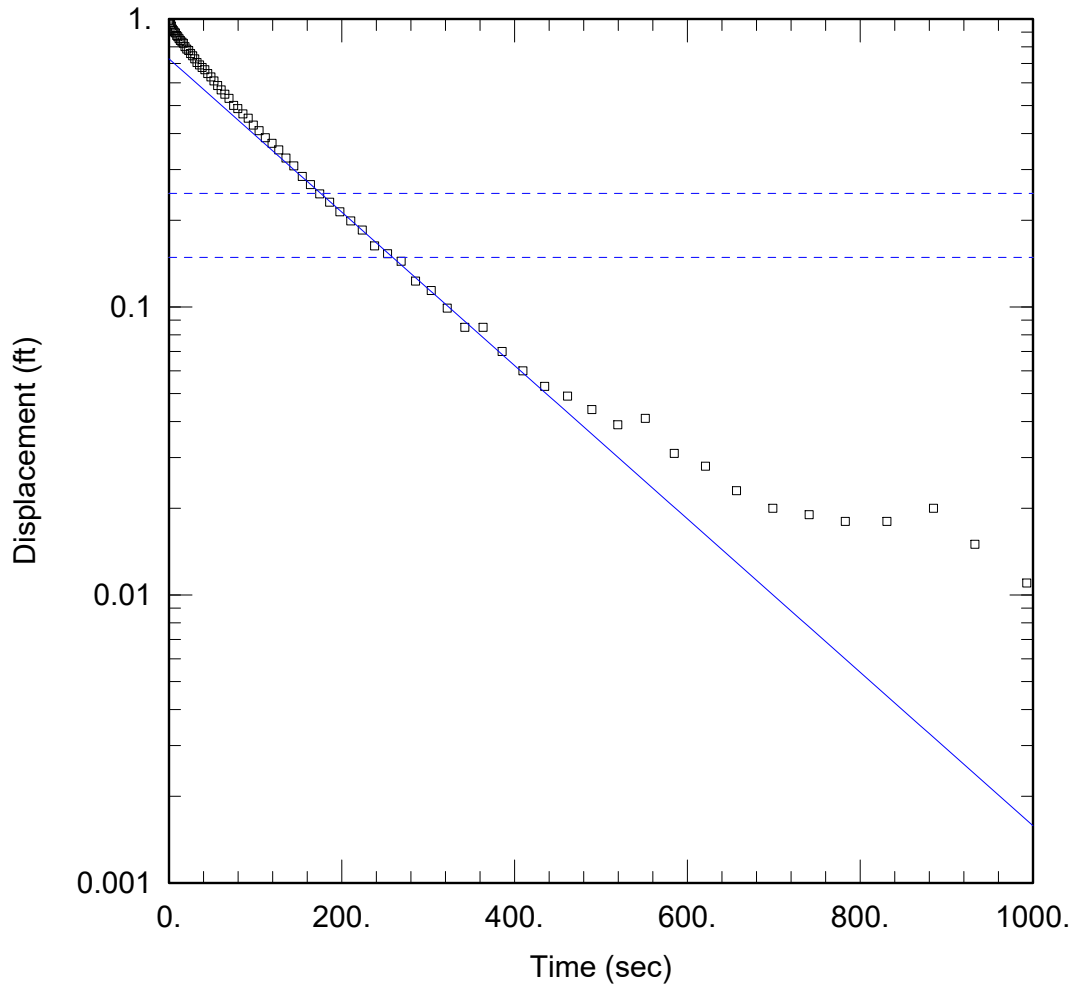
Initial Displacement: 0.77 ft
Total Well Penetration Depth: 35. ft
Casing Radius: 0.03125 ft

Static Water Column Height: 49.37 ft
Screen Length: 10. ft
Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
K = 0.1603 ft/day

Solution Method: Hvorslev
y0 = 0.5173 ft



MW-8B SLUG OUT 1

Data Set: P:\...\MW-8B Slug Out 1.aqt
 Date: 03/12/20

Time: 08:29:37

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-8B Slug Out 1
 Test Date: 03/04/2020

AQUIFER DATA

Saturated Thickness: 34.7 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-8B)

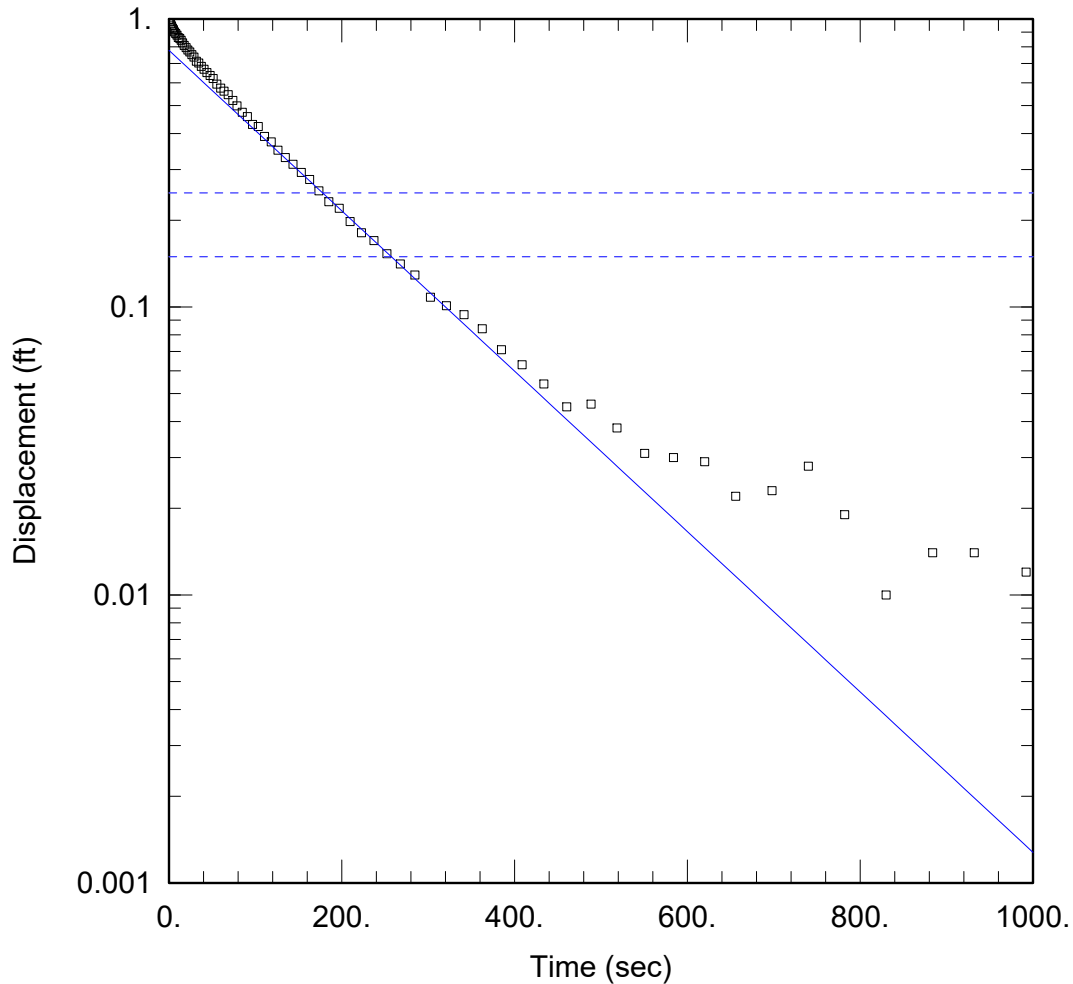
Initial Displacement: 0.991 ft
 Total Well Penetration Depth: 35. ft
 Casing Radius: 0.03125 ft

Static Water Column Height: 49.37 ft
 Screen Length: 10. ft
 Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined
 K = 0.1498 ft/day

Solution Method: Hvorslev
 y0 = 0.7271 ft



MW-8B SLUG OUT 2

Data Set: P:\...\MW-8B Slug Out 2.aqt
 Date: 03/12/20

Time: 08:33:11

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-8B Slug Out 2
 Test Date: 03/04/2020

AQUIFER DATA

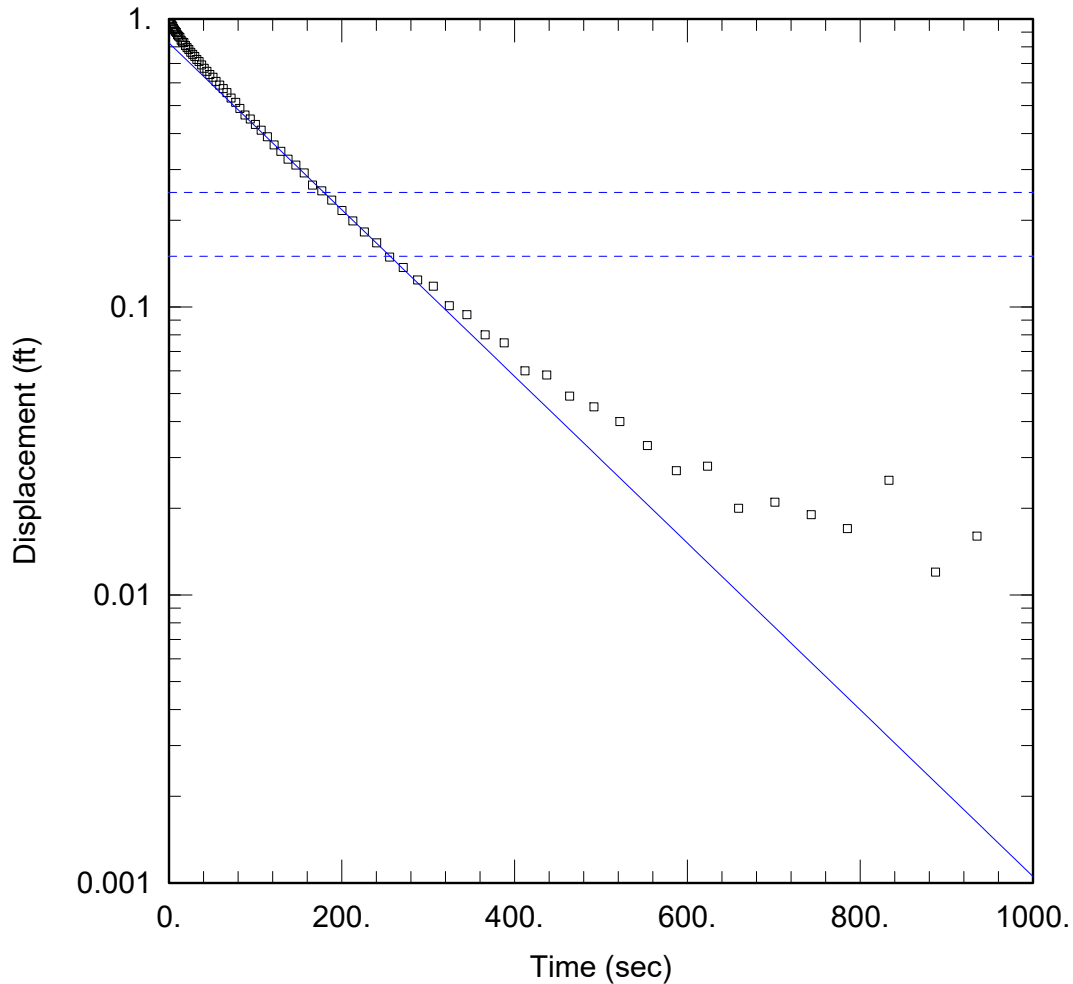
Saturated Thickness: 34.7 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-8B)

Initial Displacement: 0.995 ft Static Water Column Height: 49.37 ft
 Total Well Penetration Depth: 35. ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.1566 ft/day y0 = 0.7776 ft



MW-8B SLUG OUT 3

Data Set: P:\...\MW-8B Slug Out 3.aqt
 Date: 03/12/20

Time: 08:35:21

PROJECT INFORMATION

Company: ERM
 Project: 0494255
 Test Well: MW-8B Slug Out 3
 Test Date: 03/04/2020

AQUIFER DATA

Saturated Thickness: 34.7 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-8B)

Initial Displacement: 0.999 ft Static Water Column Height: 49.37 ft
 Total Well Penetration Depth: 35. ft Screen Length: 10. ft
 Casing Radius: 0.03125 ft Well Radius: 0.09375 ft

SOLUTION

Aquifer Model: Confined Solution Method: Hvorslev
 K = 0.1628 ft/day y0 = 0.8248 ft