

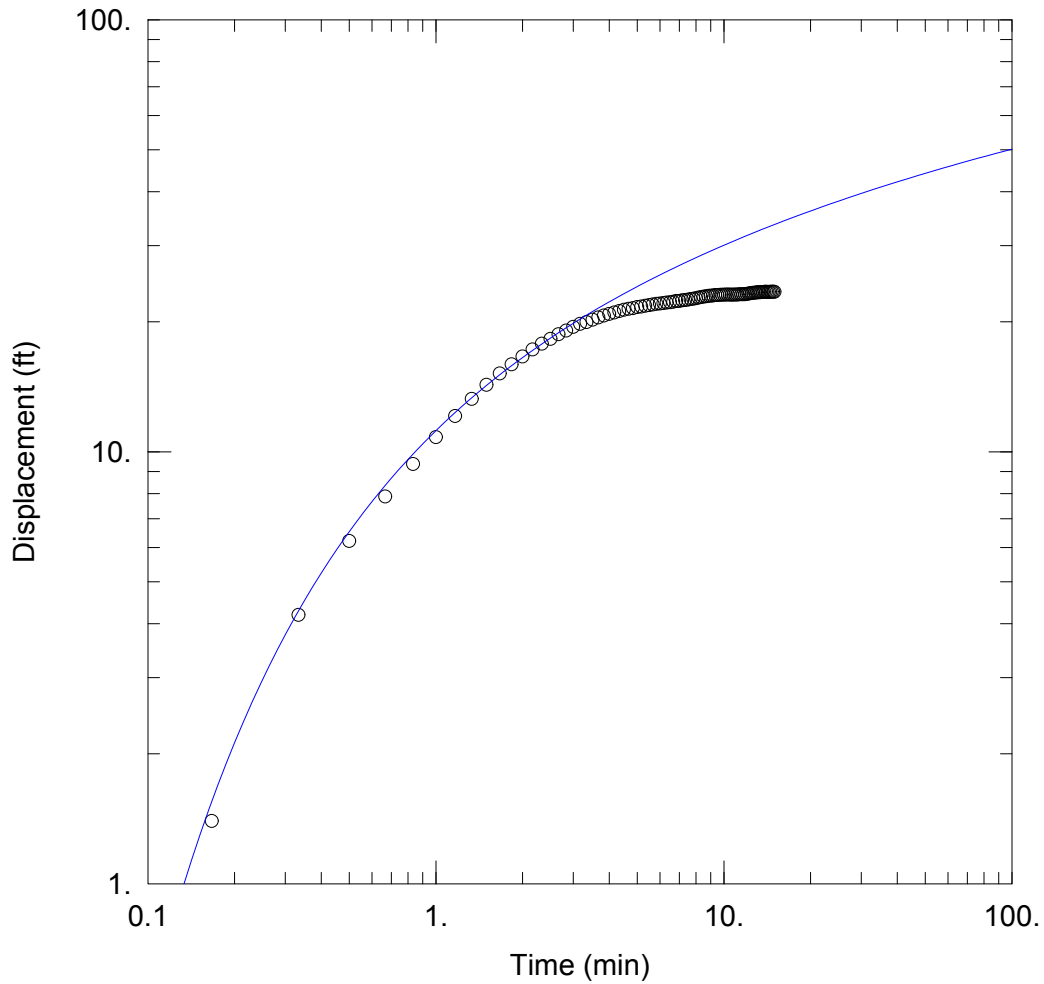
Appendix D

AQTESOLV Aquifer Parameter Output Reports

- D-1. Pumping Well Data Analysis Results
- D-2. Observation Well Data Analysis Results
- D-3. Slug Test Well Data Analysis Results

AQTESOLV Output Results

D-1. Pumping Well Data Analysis Results



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 1L Early Hantush.aqt

Date: 09/11/14

Time: 10:21:54

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-1L

Test Date: 08/14/14

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-1L	0	0

Well Name	X (ft)	Y (ft)
○ L8FEB-1L	0	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

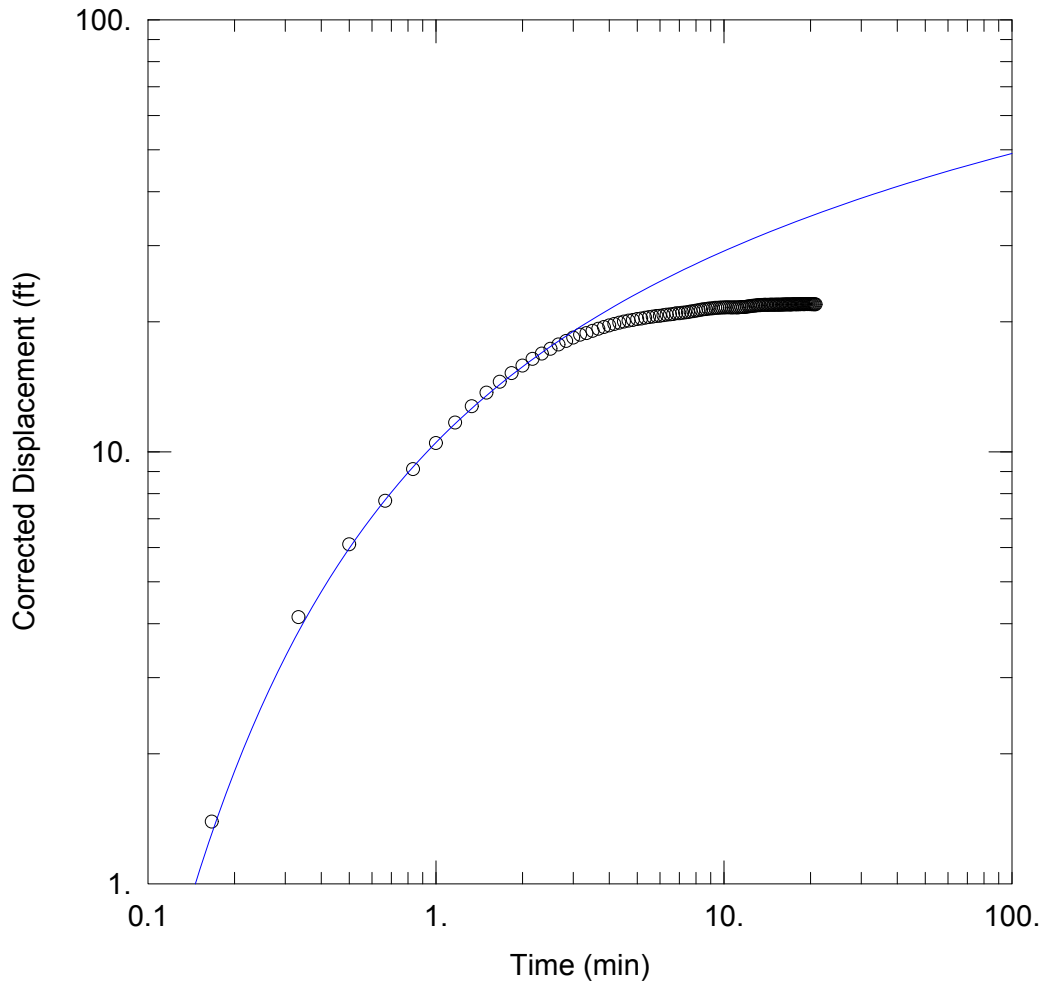
T = 84.17 ft²/day

S = 6.368

β = 1.0E-5

Kz/Kr = 0.1

b = 157. ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 1U-Theis.aqt
 Date: 09/11/14

Time: 11:16:56

PROJECT INFORMATION

Company: Gannett Fleming, Inc
 Client: SFWMD
 Project: 059239
 Location: L-8
 Test Well: L8FEB-1L
 Test Date: 08/14/14

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-1L	0	0

Well Name	X (ft)	Y (ft)
○ L8FEB-1L	0	0

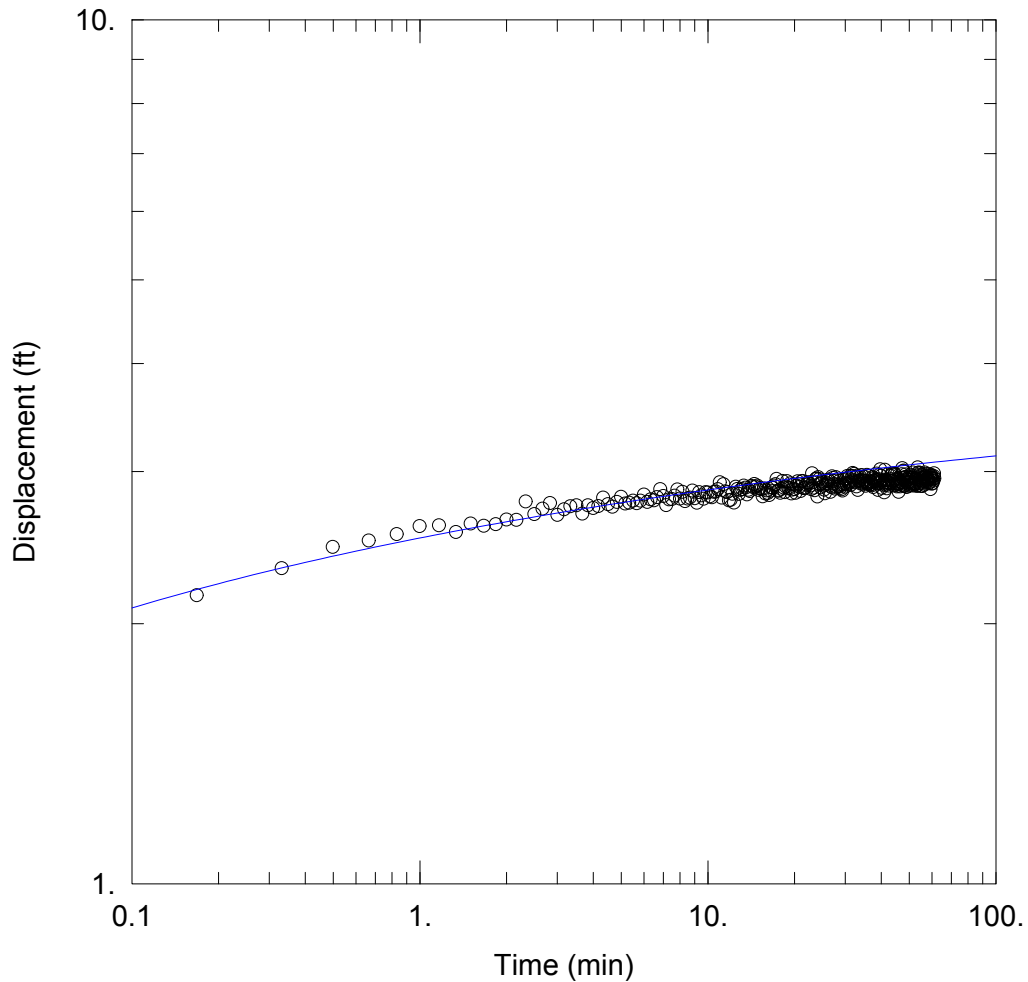
SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 97.59 ft²/day
 Kz/Kr = 0.1

S = 8.061
 b = 175. ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 2L Early Hantush.aqt

Date: 09/11/14

Time: 10:45:29

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-2L

Test Date: 08/14/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-2L	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
○ L8FEB-2L	0	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

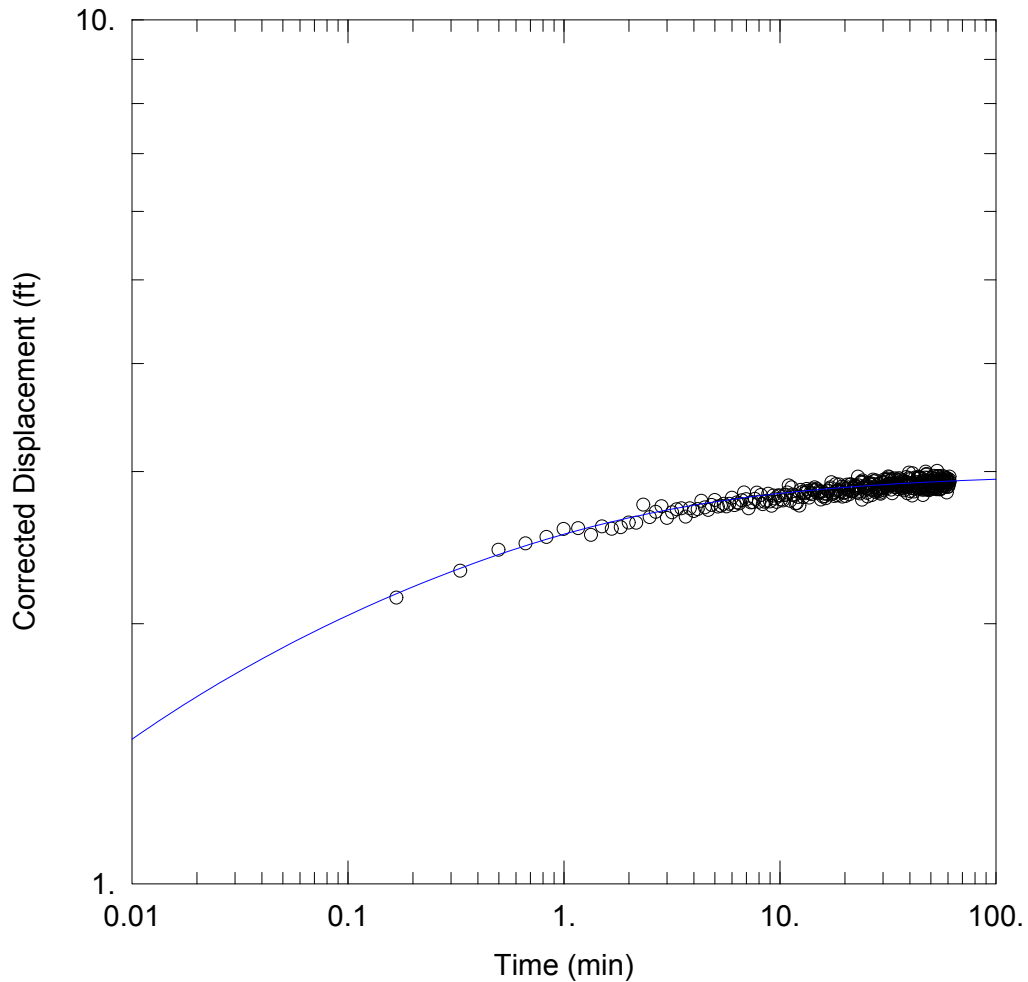
T = 5008.3 ft²/day

S = 0.05279

β = 0.01

Kz/Kr = 0.1

b = 165. ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 2L-Theis.aqt

Date: 09/11/14

Time: 11:19:06

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-2L

Test Date: 08/14/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-2L	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
○ L8FEB-2L	0	0

SOLUTION

Aquifer Model: Unconfined

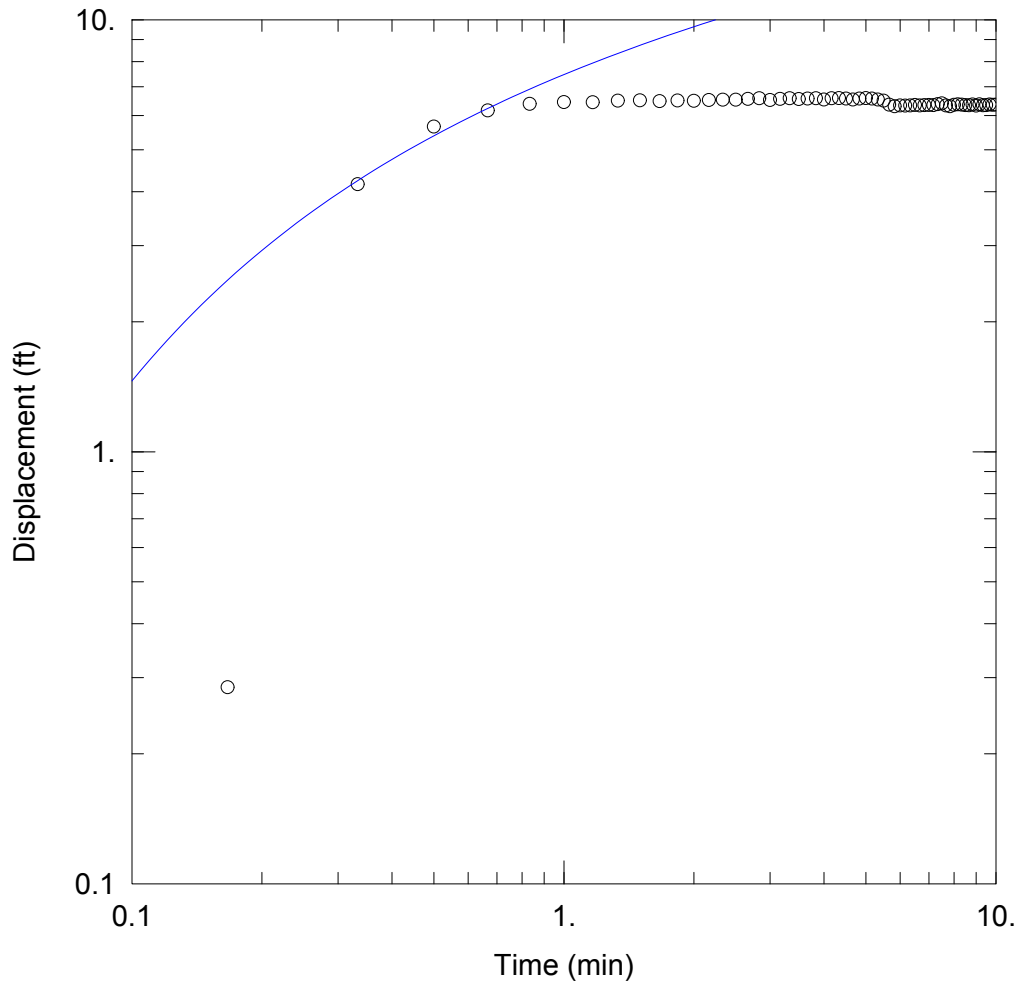
Solution Method: Theis

T = 6486.6 ft²/day

S = 0.05258

Kz/Kr = 0.1

b = 166 ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 3M Early Hantush.aqt

Date: 09/11/14

Time: 10:44:19

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-3M

Test Date: 08/15/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-3M	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
○ L8FEB-3M	0	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

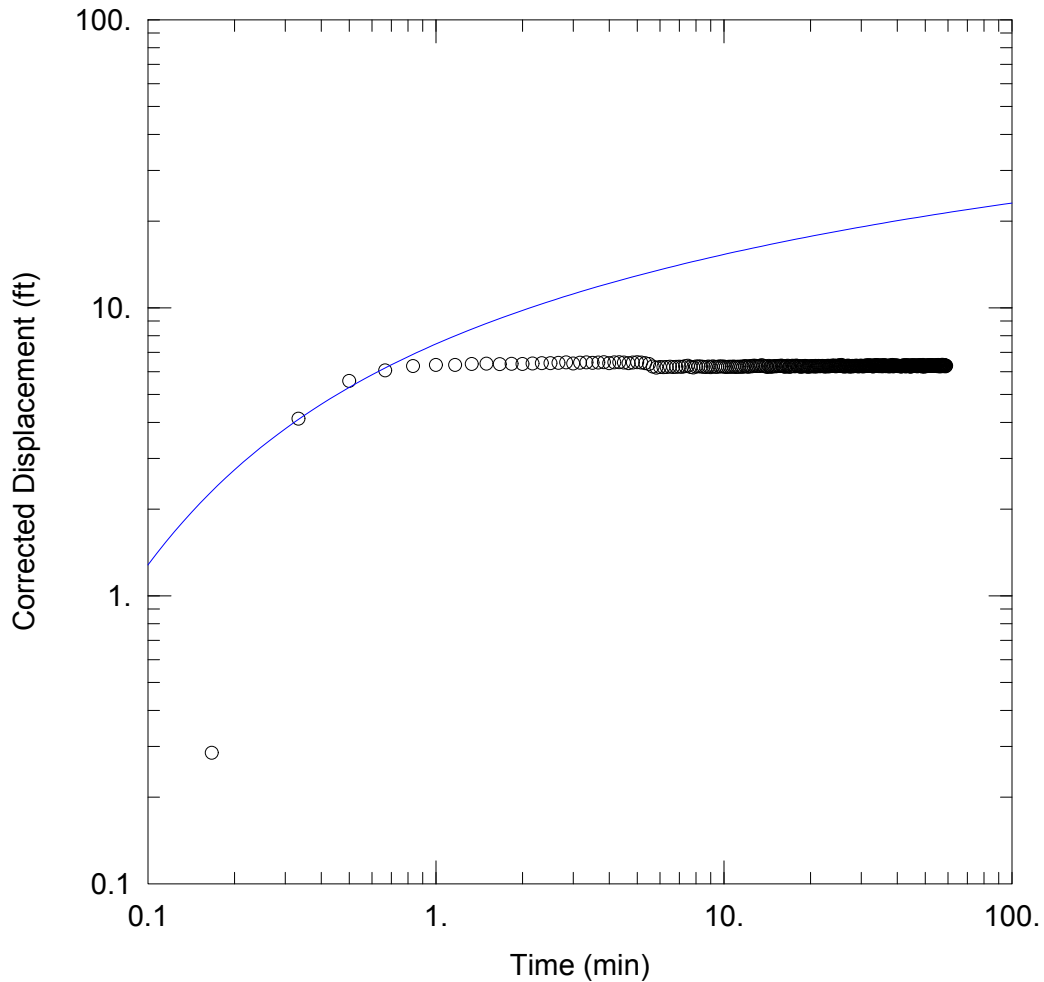
T = 976.9 ft²/day

S = 23.87

β = 1.0E-5

Kz/Kr = 0.1

b = 144.2 ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 3M-Theis.aqt

Date: 09/11/14

Time: 11:22:22

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059293

Location: L-8

Test Well: L8FEB-3M

Test Date: 08/15/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-3M	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
○ L8FEB-3M	0	0

SOLUTION

Aquifer Model: Unconfined

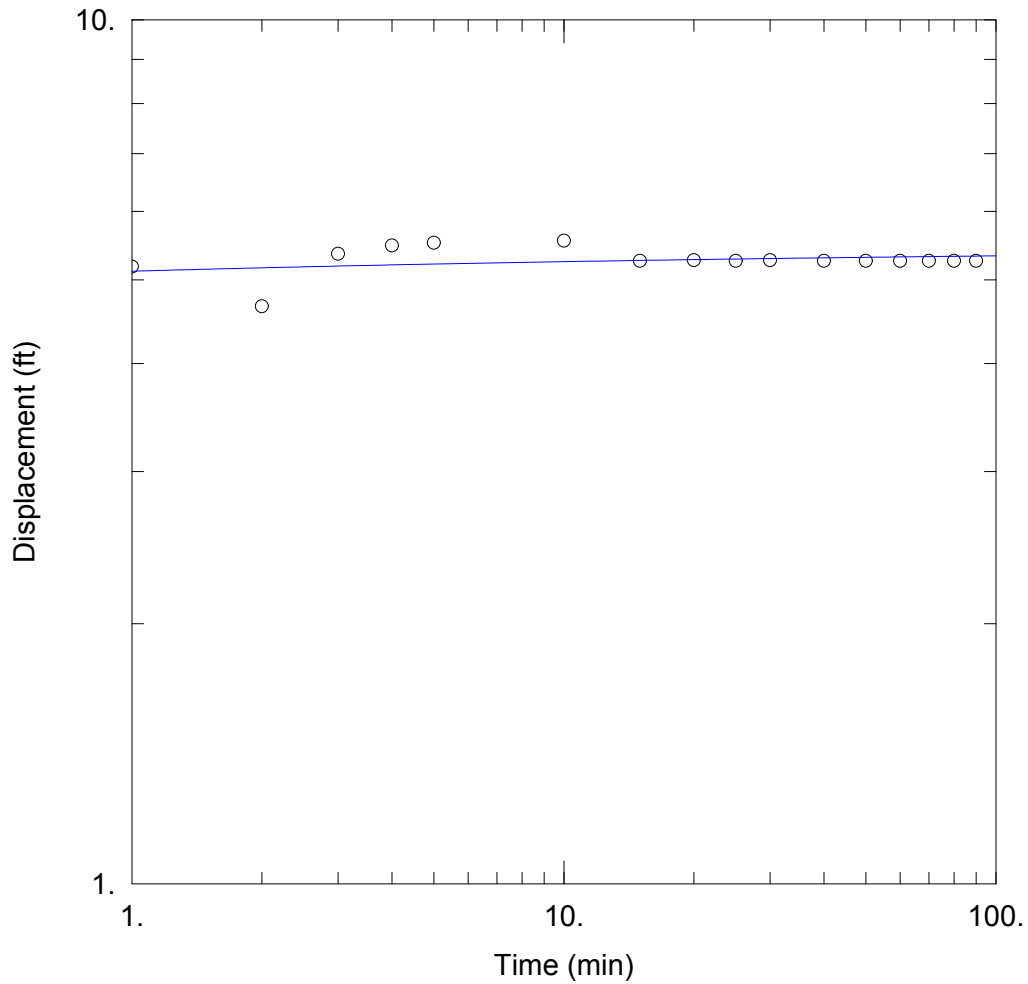
Solution Method: Theis

T = 1153.2 ft²/day

S = 32.97

Kz/Kr = 0.1

b = 182.7 ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 4U Early Hantush.aqt

Date: 09/11/14

Time: 10:43:08

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-4U

Test Date: 08/13/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-4U	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
○ L8FEB-4U	0	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

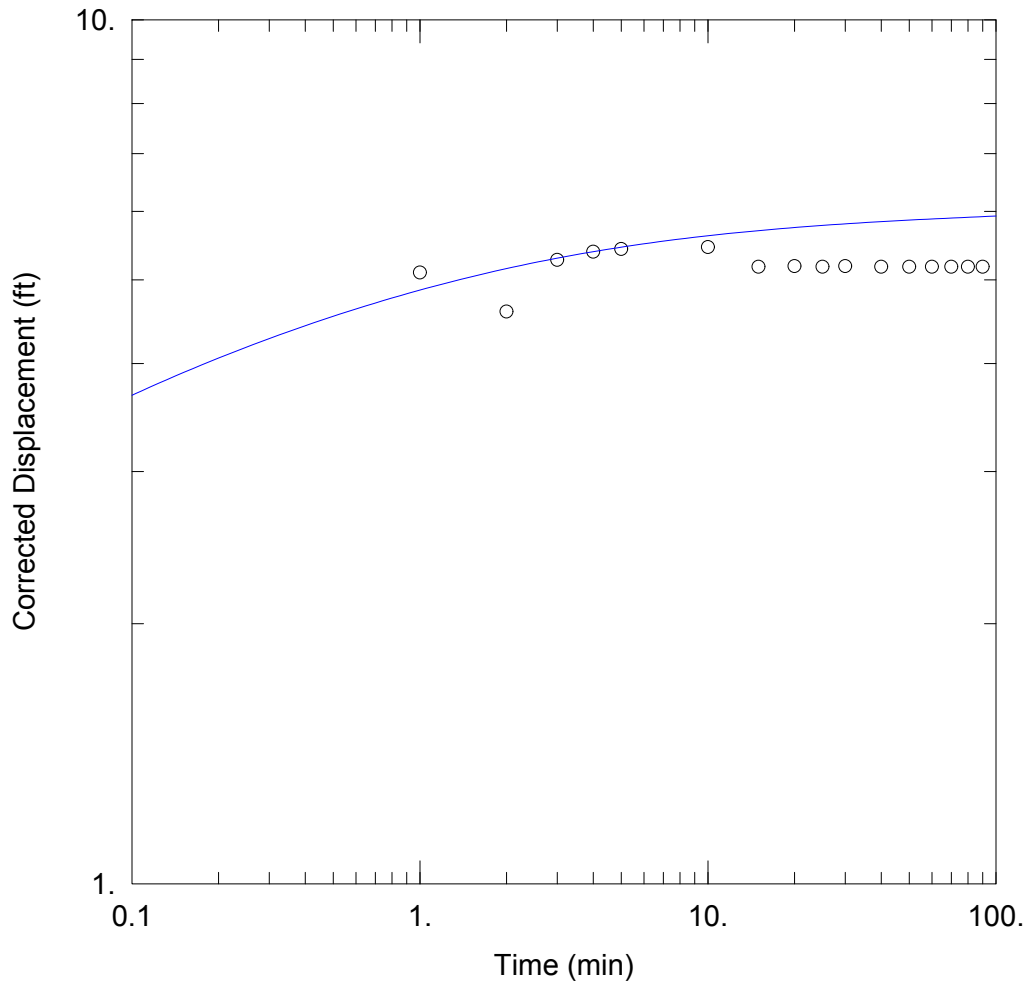
T = 3172.6 ft²/day

S = 0.0008658

β = 0.001

Kz/Kr = 0.1

b = 161. ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 4U-Theis.aqt

Date: 09/11/14

Time: 11:24:13

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-4U

Test Date: 08/13/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-4U	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
○ L8FEB-4U	0	0

SOLUTION

Aquifer Model: Unconfined

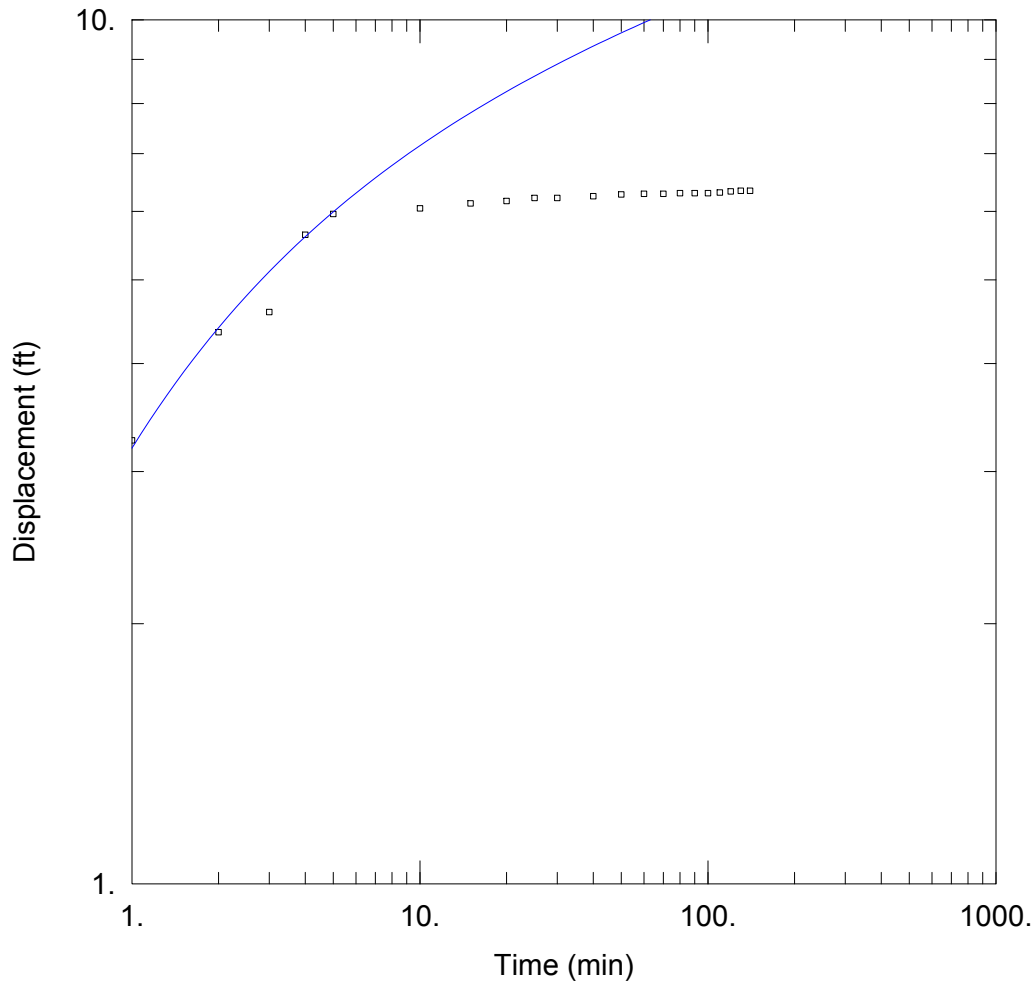
Solution Method: Theis

T = 2888.2 ft²/day

S = 0.1312

Kz/Kr = 0.1

b = 166.9 ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 5M-Early Hantush.aqt

Date: 09/11/14

Time: 10:42:06

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-5M

Test Date: 08/13/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-5M	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
□ L8FEB-5M	0	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

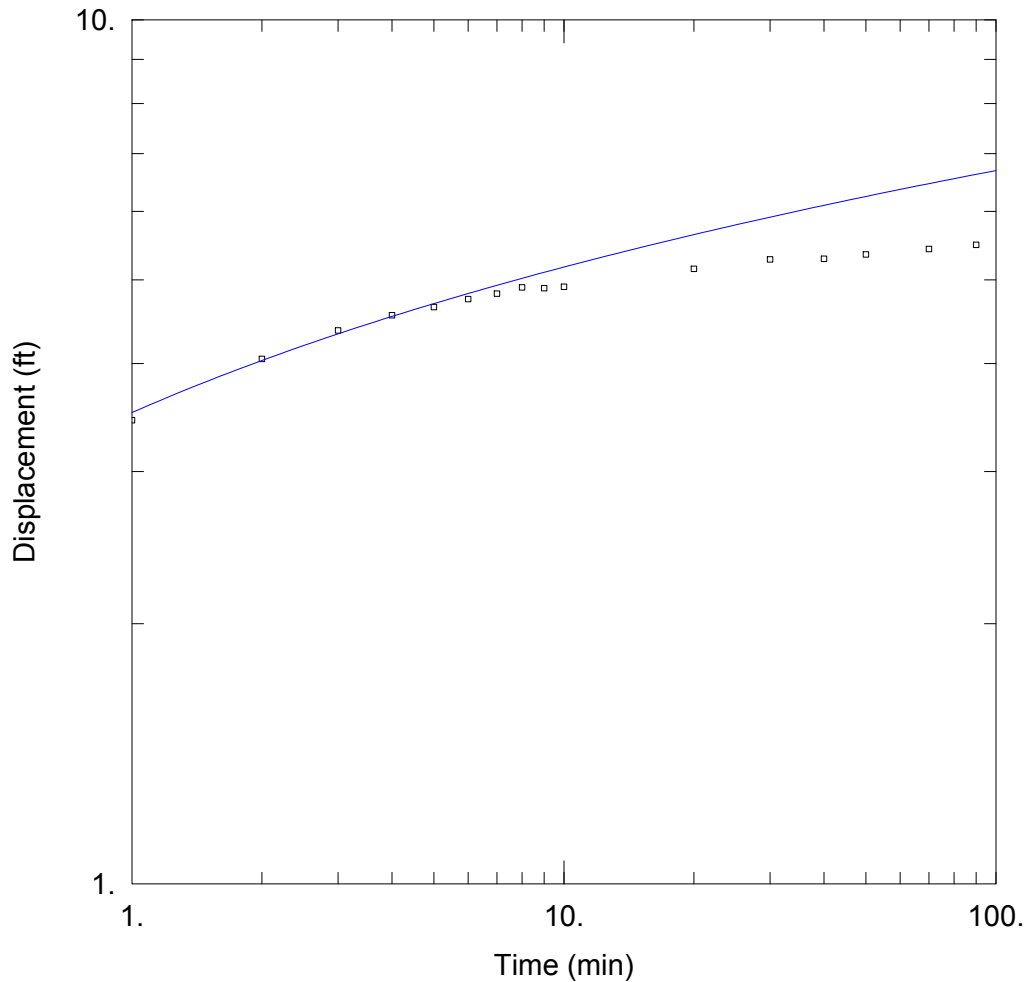
T = 1153.5 ft²/day

S = 63.55

β = 0.1

Kz/Kr = 0.1

b = 164.5 ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 6L Early Hantush.aqt

Date: 09/11/14

Time: 10:41:07

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-6L

Test Date: 08/12/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-6L	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
□ L8FEB-6L	0	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

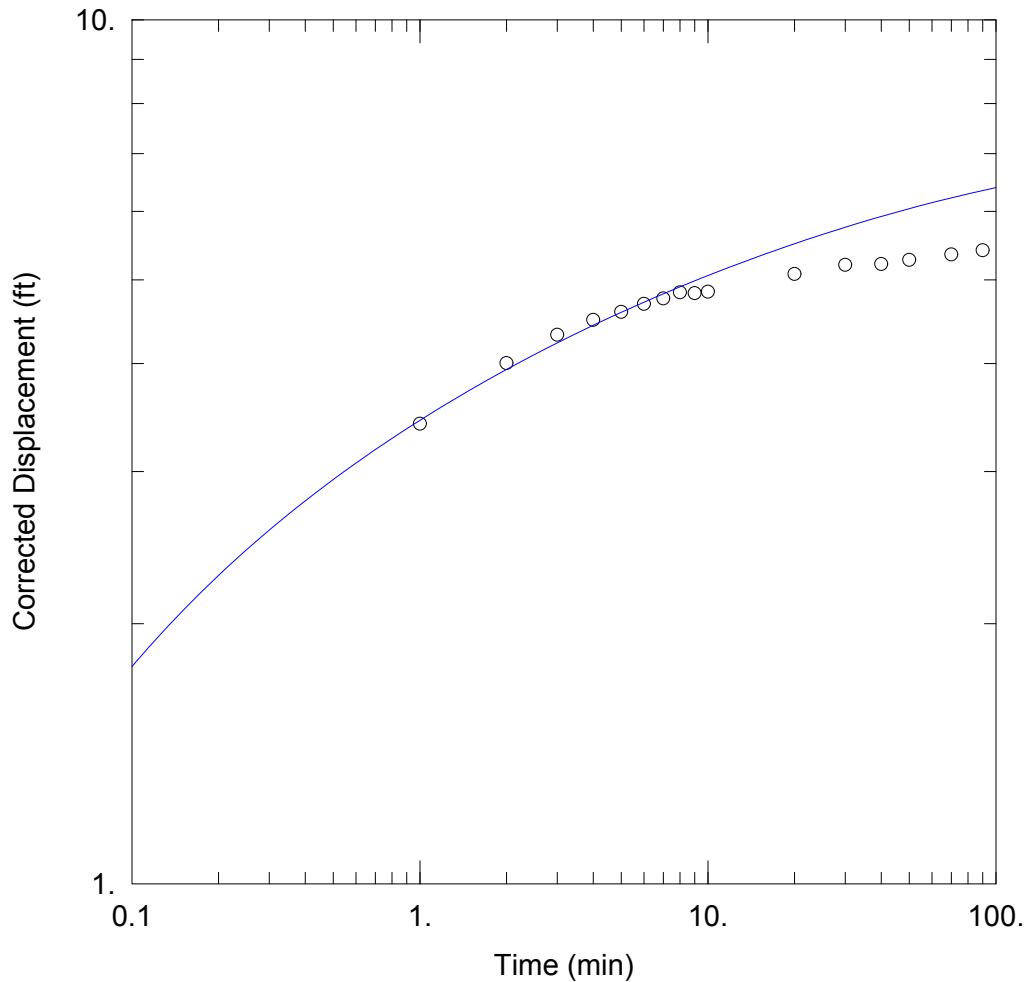
T = 1639.8 ft²/day

S = 7.874

β = 0.1

Kz/Kr = 0.1

b = 166.4 ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 6L-Theis.aqt

Date: 09/11/14

Time: 11:28:22

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-6L

Test Date: 08/12/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-6L	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
○ L8FEB-6L	0	0

SOLUTION

Aquifer Model: Unconfined

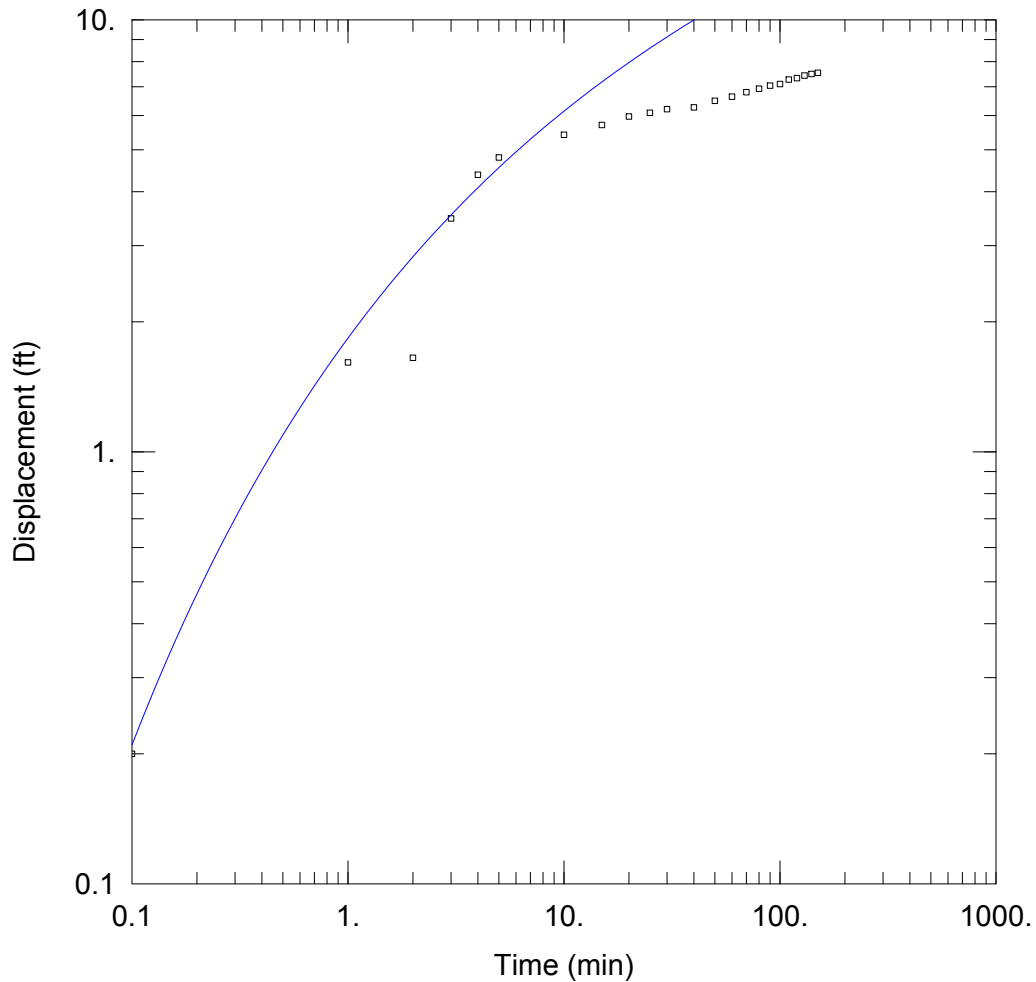
Solution Method: Theis

T = 3261.4 ft²/day

S = 6.879

Kz/Kr = 0.1

b = 187.4 ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 7U Early Hantush.aqt

Date: 09/11/14

Time: 10:39:52

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-7U

Test Date: 08/12/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB7U	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
▣ L8FEB7U	0	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

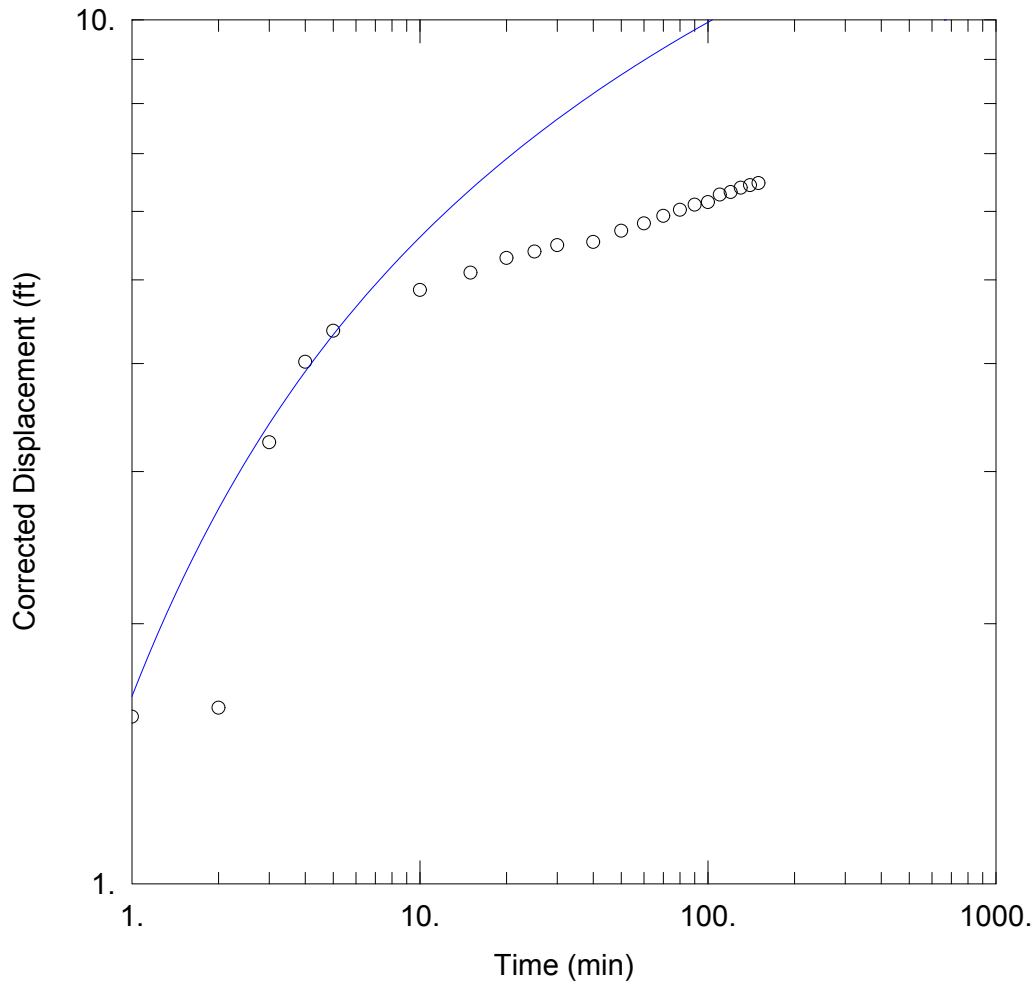
T = 33.64 ft²/day

S = 0.1575

β = 5.37

Kz/Kr = 0.1

b = 22. ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 7U-Theis.aqt

Date: 09/11/14

Time: 11:30:34

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-7U

Test Date: 08/12/14

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-7U	0	0

Well Name	X (ft)	Y (ft)
○ L8FEB-7U	0	0

SOLUTION

Aquifer Model: Unconfined

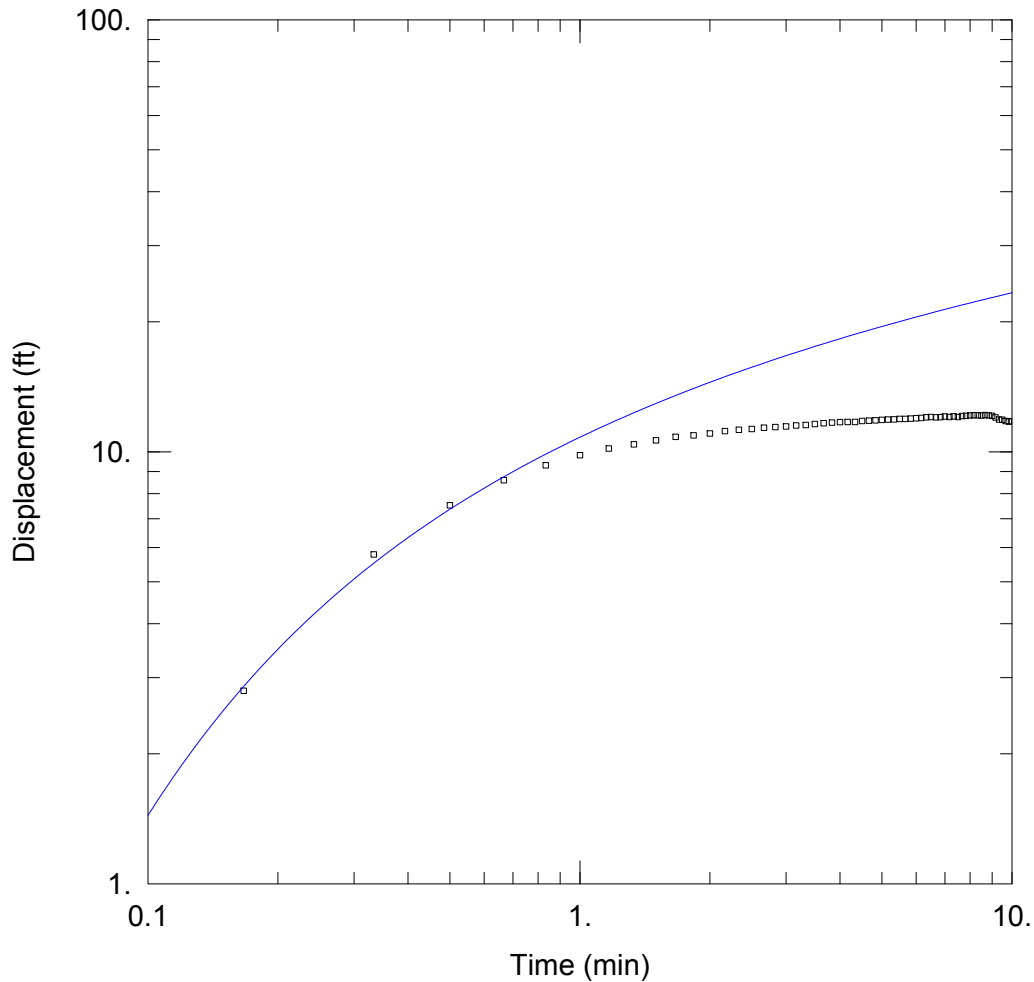
Solution Method: Theis

T = 176.2 ft²/day

S = 23.04

Kz/Kr = 0.1

b = 26.6 ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\PZ-5D Early Hantush.aqt

Date: 09/11/14

Time: 10:38:43

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8PZ-5D

Test Date: 08/16/14

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8PZ-5D	0	0

Well Name	X (ft)	Y (ft)
▣ L8PZ-5D	0	0

SOLUTION

Aquifer Model: Leaky

Solution Method: Hantush

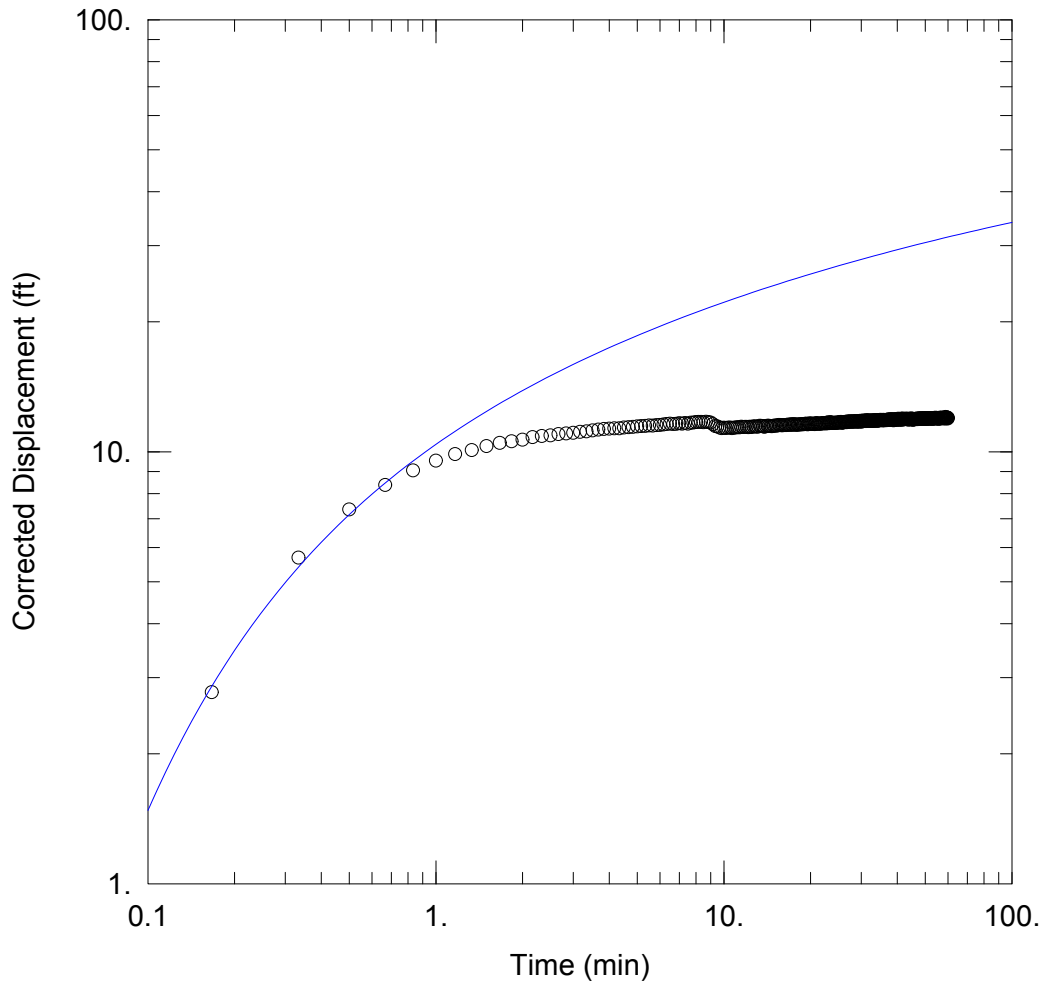
T = 517.3 ft²/day

S = 18.96

β = 0.001

Kz/Kr = 0.1

b = 160. ft



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8PZ-5D-Theis.aqt

Date: 09/11/14

Time: 11:33:38

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8PZ-5D

Test Date: 08/16/14

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8PZ-5D	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
○ L8PZ-5D	0	0

SOLUTION

Aquifer Model: Unconfined

Solution Method: Theis

T = 602.9 ft²/day

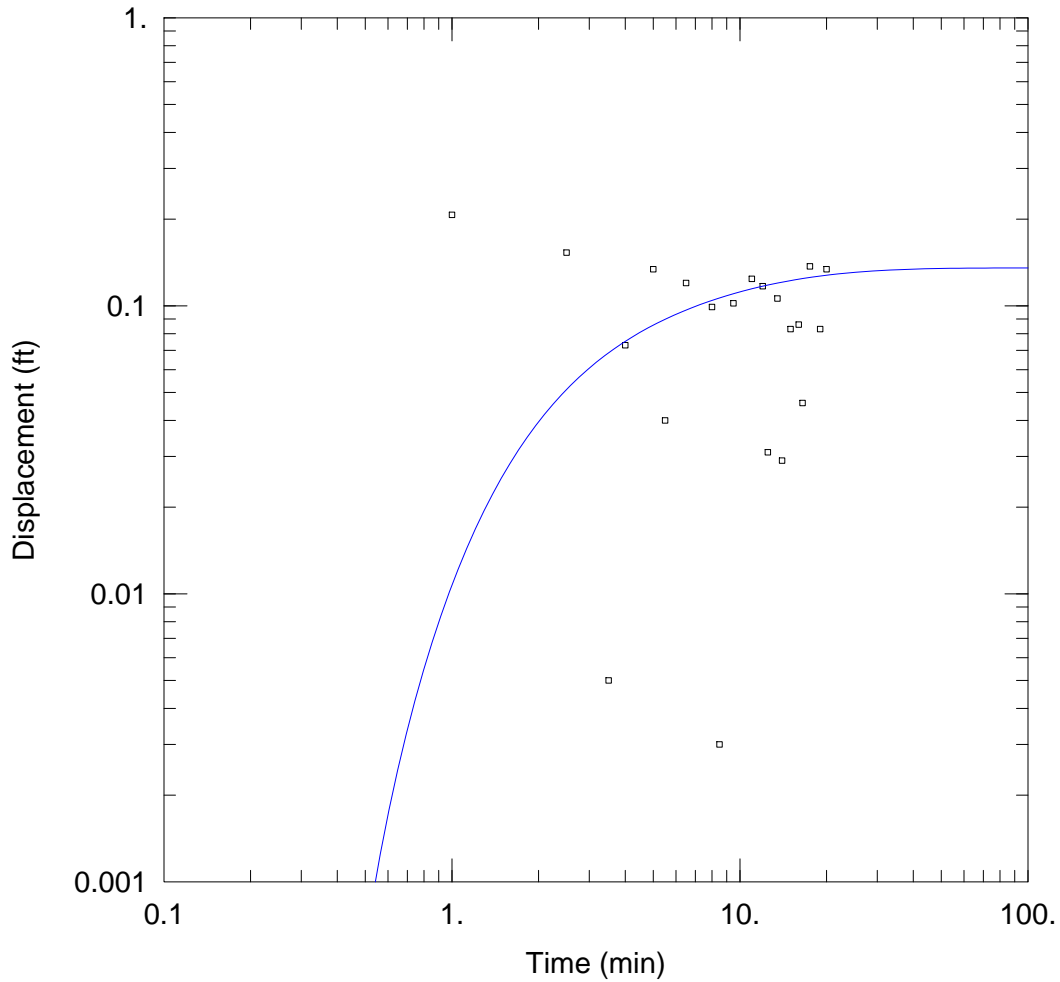
S = 20.8

Kz/Kr = 0.1

b = 171.5 ft

AQTESOLV Output Results

D-2. Observation Well Data Analysis Results



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 1L-1U_DD.aqt

Date: 09/10/14

Time: 13:47:37

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8PZ-1L

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 175. ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-1L	0	0

Well Name	X (ft)	Y (ft)
□ L8FEB-1U	28	0

SOLUTION

Aquifer Model: Unconfined

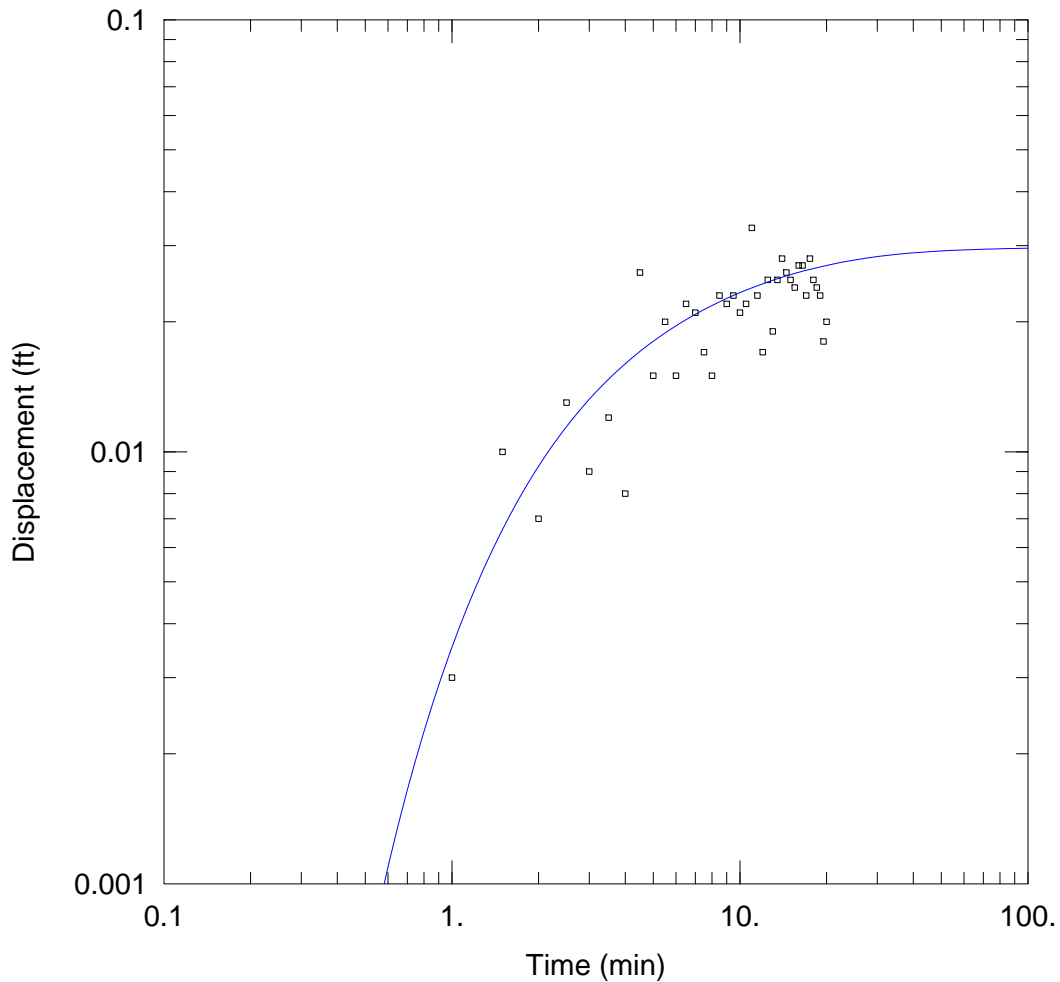
Solution Method: Neuman

T = 260.6 ft²/day

S = 8.465E-6

Sy = 0.1355

β = 0.001



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 1L-1M_DD.aqt

Date: 09/11/14

Time: 08:39:56

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-1L

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 175. ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-1L	0	0

Well Name	X (ft)	Y (ft)
□ L8FEB-1M	14.2	0

SOLUTION

Aquifer Model: Unconfined

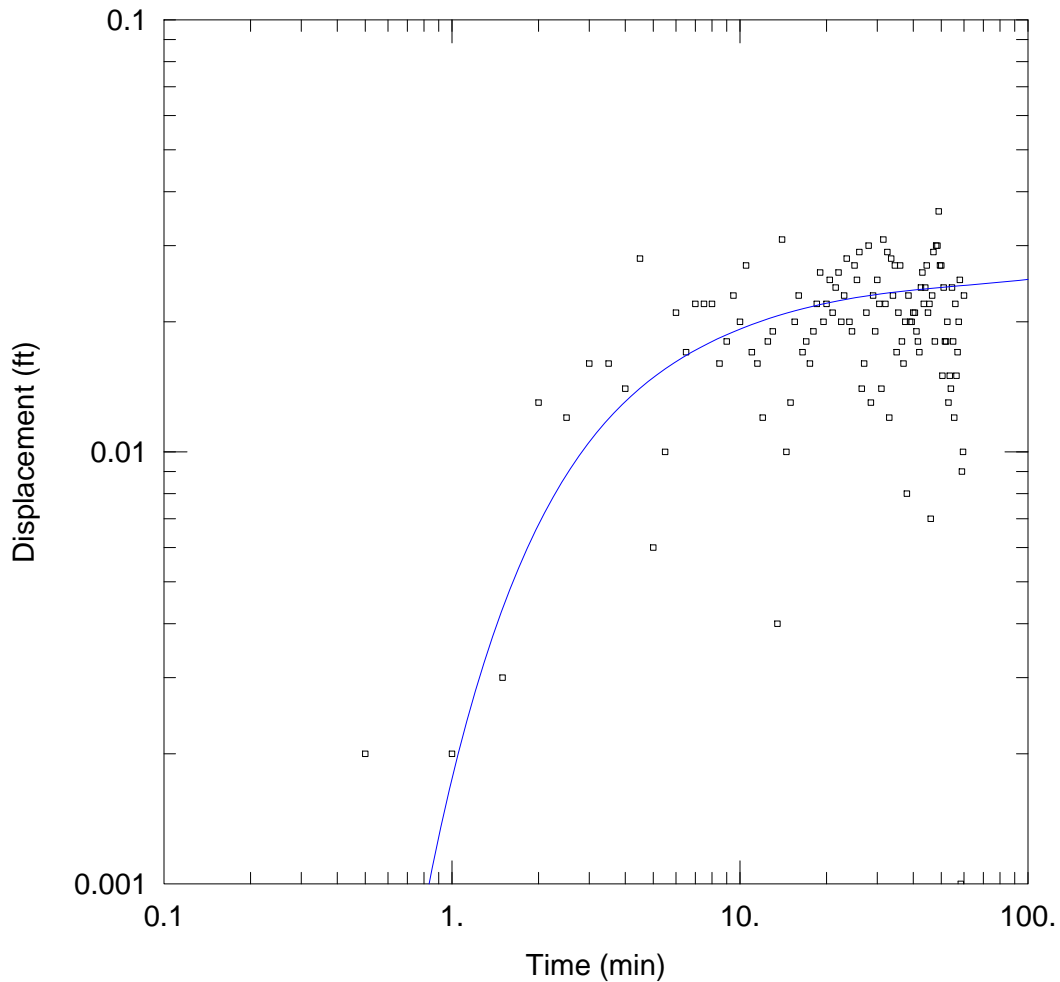
Solution Method: Neuman

T = 3328.9 ft²/day

S = 0.0005658

Sy = 0.1386

β = 0.001



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 2L-2U_DD.aqt

Date: 09/10/14

Time: 13:45:54

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-2L

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 166. ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-2L	0	0

Well Name	X (ft)	Y (ft)
□ L8FEB-2U	26.82	0

SOLUTION

Aquifer Model: Unconfined

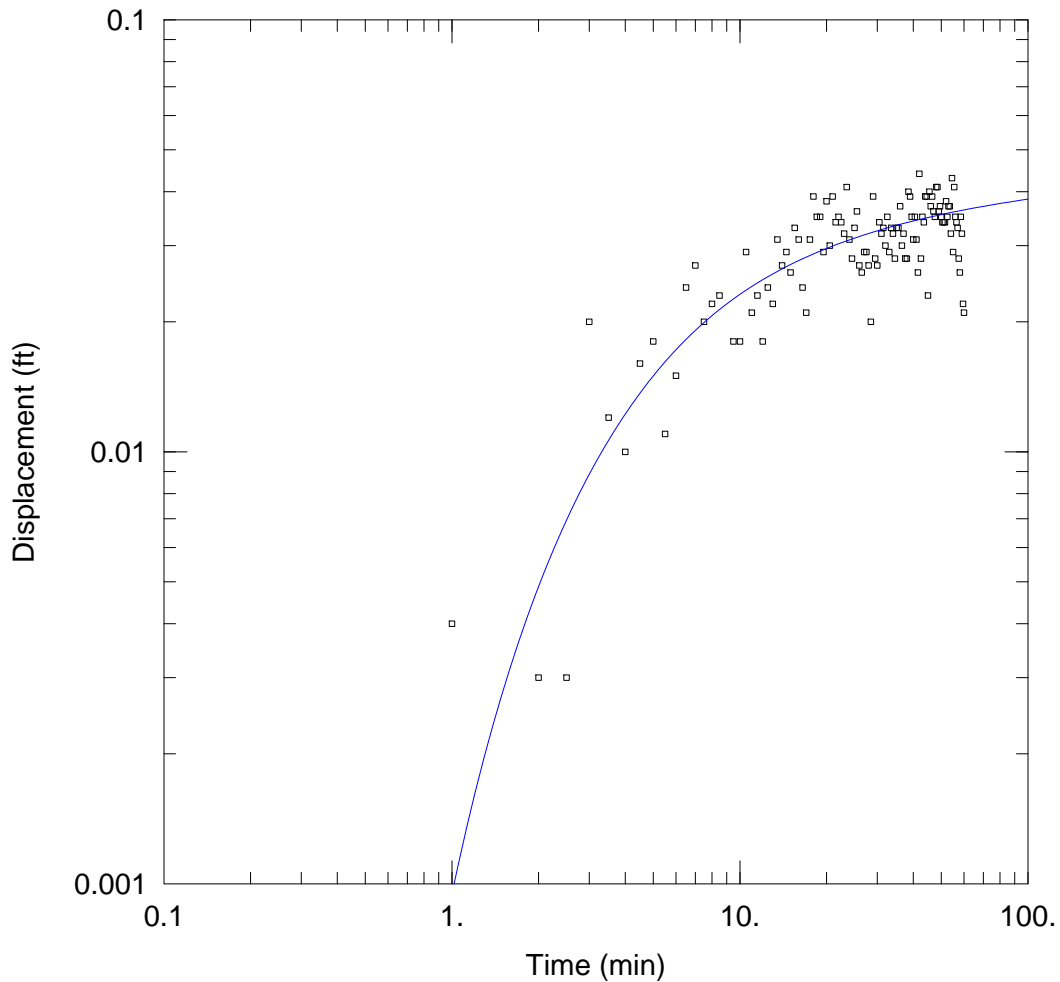
Solution Method: Neuman

T = 3119.7 ft²/day

S = 0.000528

Sy = 0.1039

β = 0.004



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 2L-2M_DD.aqt

Date: 09/10/14

Time: 13:47:14

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-2L

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 166. ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-2L	0	0

Well Name	X (ft)	Y (ft)
□ L8FEB-2M	13.88	0

SOLUTION

Aquifer Model: Unconfined

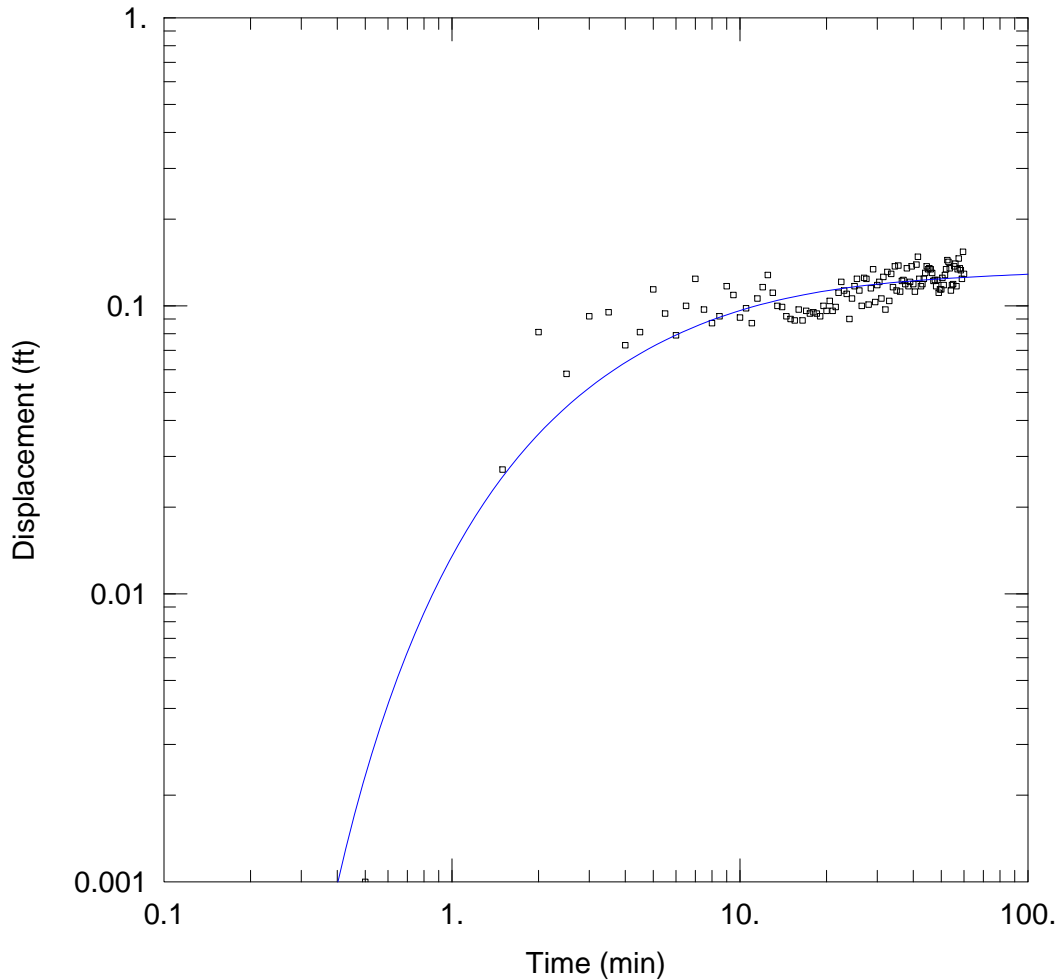
Solution Method: Neuman

T = 6459.8 ft²/day

S = 0.01145

Sy = 0.1571

β = 0.004



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 3M-3U_DD.aqt

Date: 09/10/14

Time: 13:36:38

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-3M

Test Date: 08/15/14

AQUIFER DATA

Saturated Thickness: 182.7 ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-3M	0	0

Well Name	X (ft)	Y (ft)
□ L8FEB-3U	10.5	0

SOLUTION

Aquifer Model: Unconfined

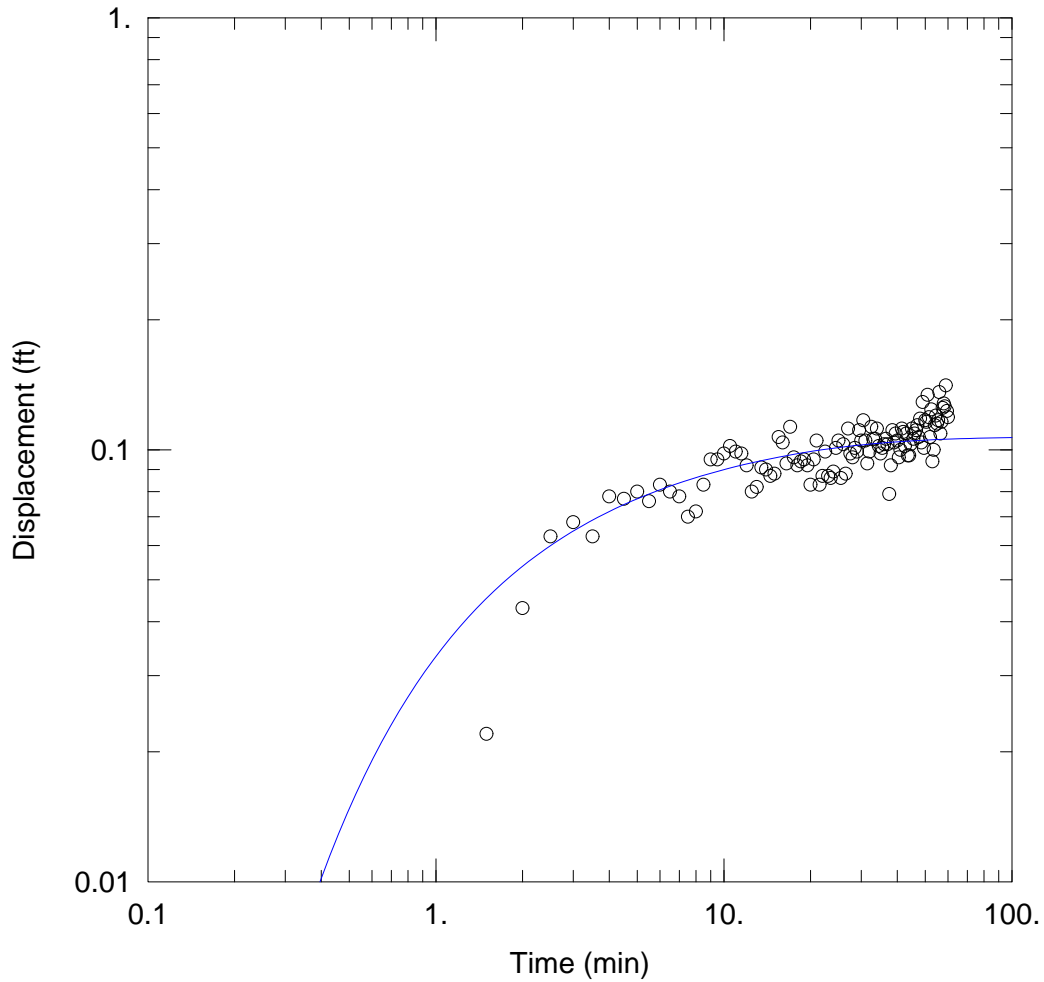
Solution Method: Neuman

T = 4560.5 ft²/day

S = 0.007999

Sy = 0.2976

β = 0.001



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 3M-3L_DD.aqt

Date: 09/10/14

Time: 13:37:50

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-3M

Test Date: 08/15/14

AQUIFER DATA

Saturated Thickness: 182.7 ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-3M	0	0

Well Name	X (ft)	Y (ft)
○ L8FEB-3L	11	0

SOLUTION

Aquifer Model: Unconfined

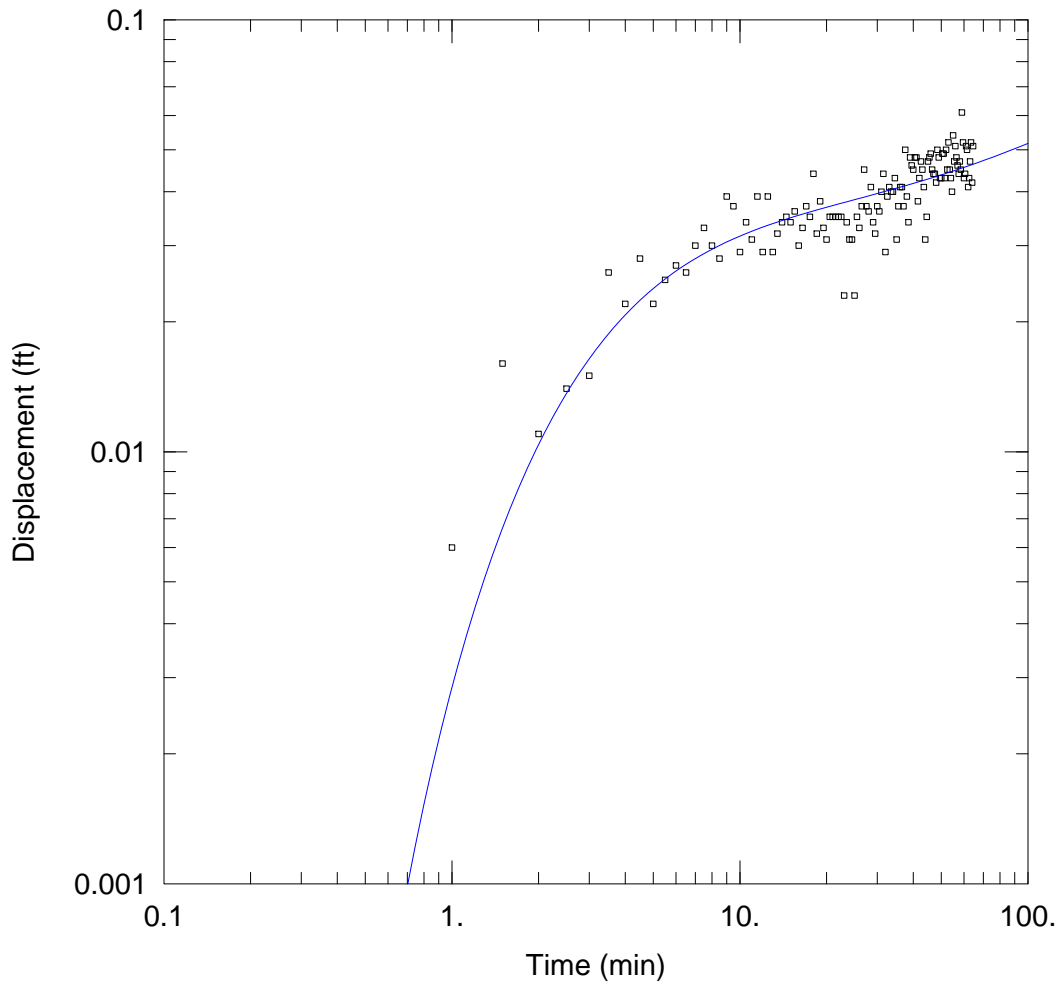
Solution Method: Neuman

T = 4566.4 ft²/day

S = 0.001607

Sy = 0.1858

β = 0.001



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 4U-4M_DD.aqt

Date: 09/11/14

Time: 08:44:38

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-4U

Test Date: 08/13/14

AQUIFER DATA

Saturated Thickness: 166.9 ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-4U	0	0

Well Name	X (ft)	Y (ft)
□ L8FEB-4M	25.7	0

SOLUTION

Aquifer Model: Unconfined

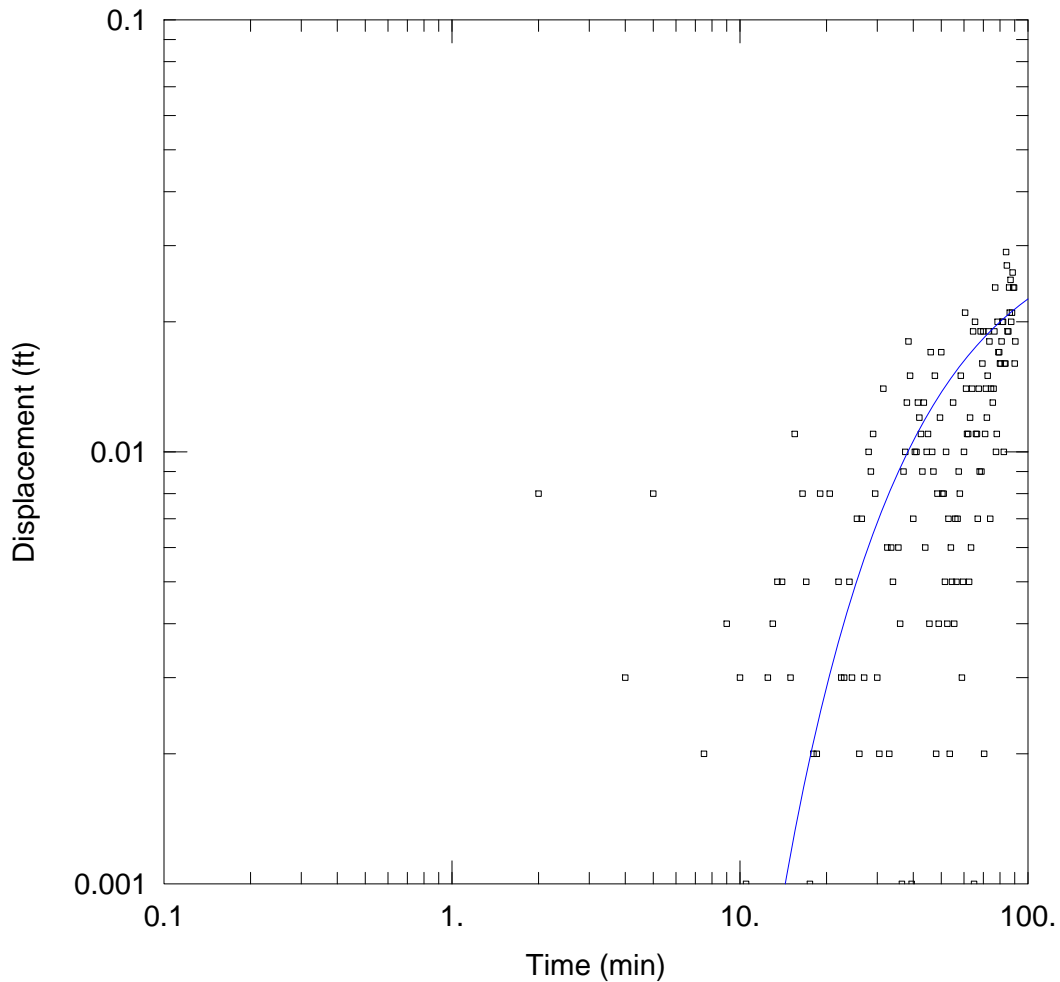
Solution Method: Neuman

T = 3971. ft²/day

S = 0.01132

Sy = 0.03821

β = 0.01



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \\...\L8FEB 4U-4L_DD.aqt

Date: 09/11/14

Time: 08:43:31

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-4U

Test Date: 08/13/14

AQUIFER DATA

Saturated Thickness: 166.8 ft

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8FEB-4U	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
□ L8FEB-4L	14.7	0

SOLUTION

Aquifer Model: Unconfined

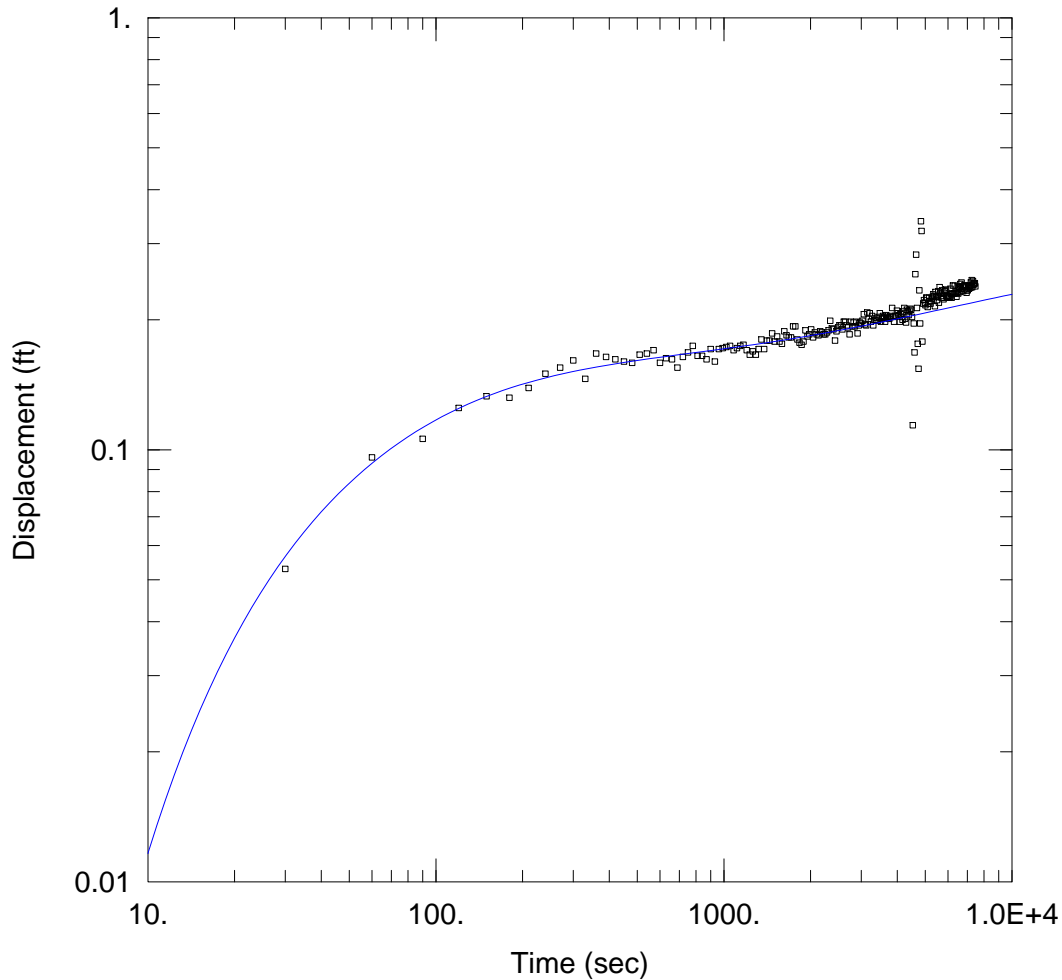
Solution Method: Neuman

T = 1228.7 ft²/day

S = 0.004228

Sy = 0.1332

β = 0.001



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 5M-5U_DD.aqt

Date: 09/11/14

Time: 08:56:58

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-5M

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 179. ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-5M	0	0

Well Name	X (ft)	Y (ft)
□ L8FEB-5U	8.6	0

SOLUTION

Aquifer Model: Unconfined

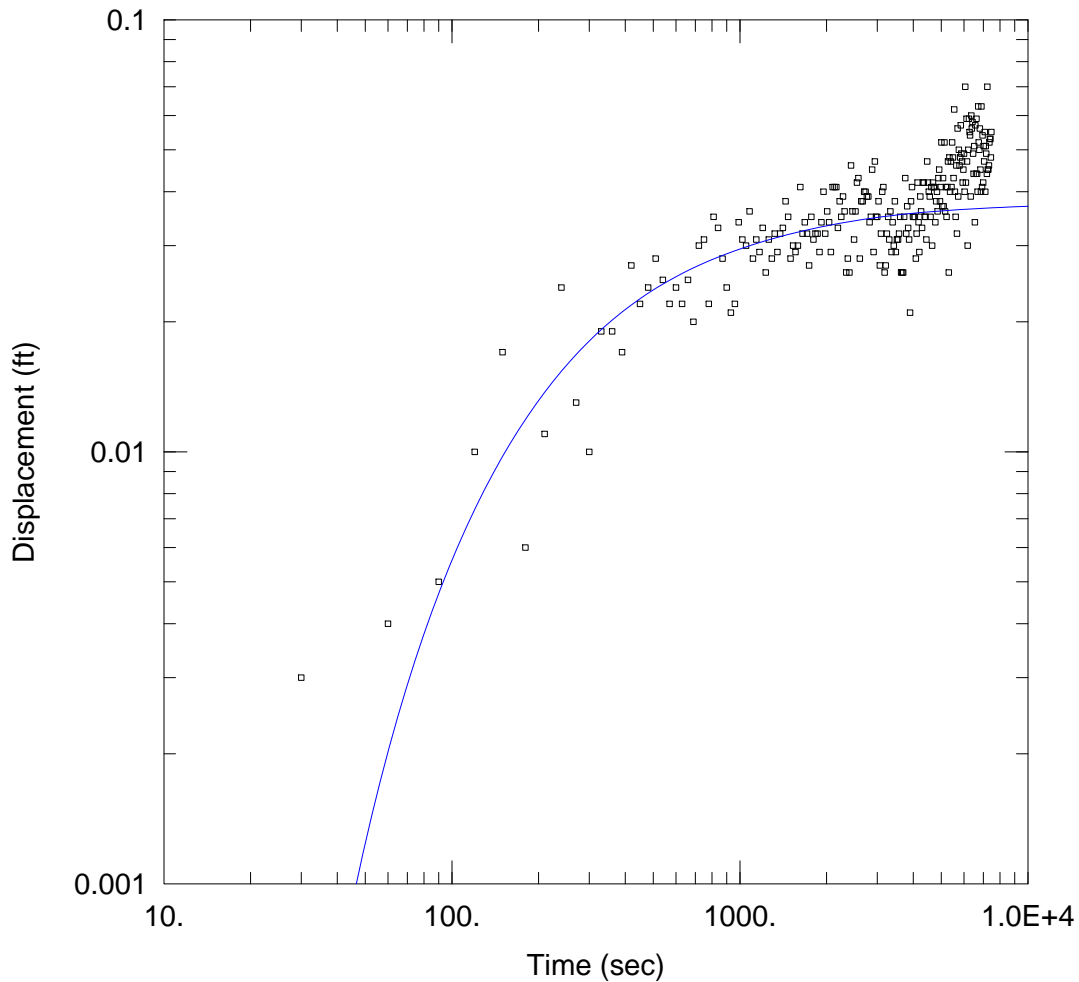
Solution Method: Neuman

T = 4089.1 ft²/day

S = 0.004174

Sy = 0.01038

β = 0.001



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 5M-5L_DD.aqt

Date: 09/11/14

Time: 08:49:30

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059293

Location: L-8

Test Well: L8FEB-5M

Test Date: 08/13/14

AQUIFER DATA

Saturated Thickness: 179. ft

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
L8 FEB 5M	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
□ L8 FEB 5L	21.2	0

SOLUTION

Aquifer Model: Unconfined

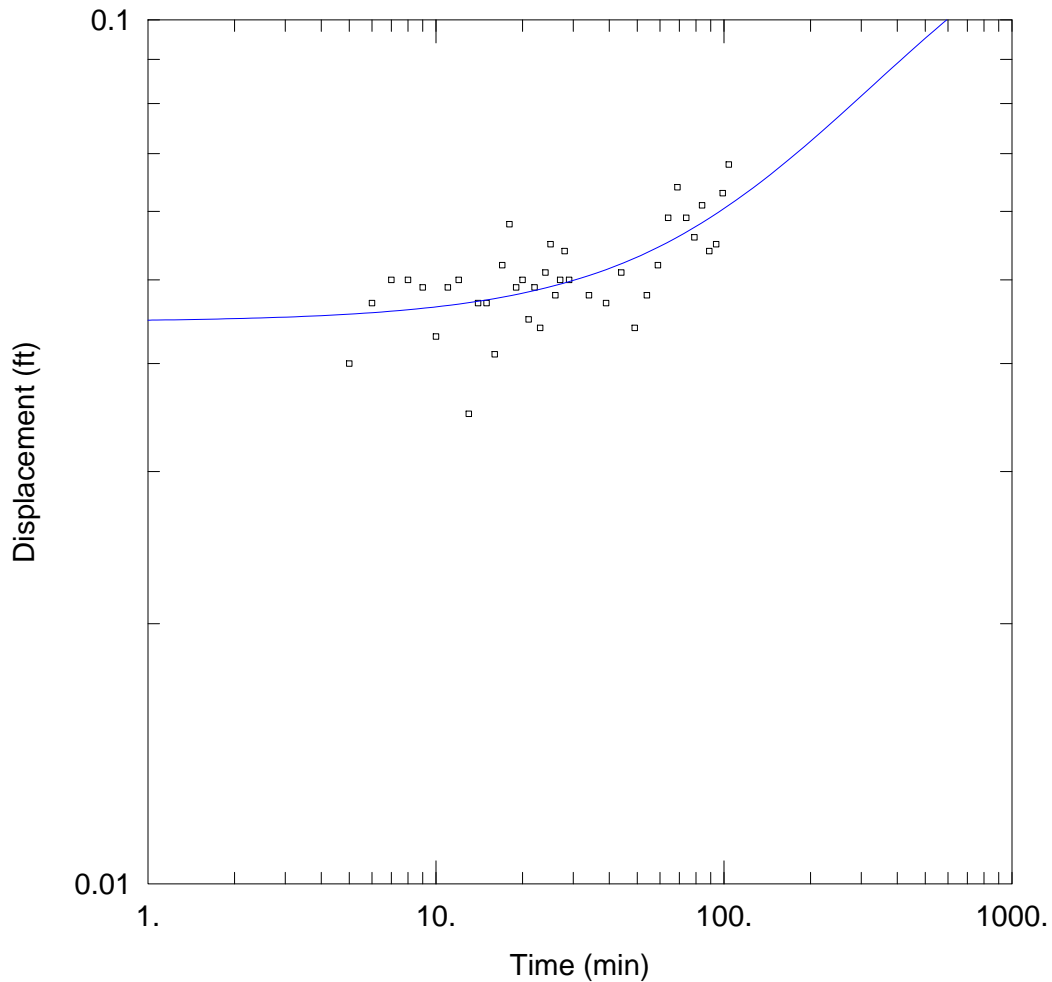
Solution Method: Neuman

T = 6761.7 ft²/day

S = 0.001574

Sy = 0.1364

β = 0.001403



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 6L-6U_DD.aqt

Date: 09/10/14

Time: 15:53:06

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8PZ-6L

Test Date: 08/12/14

AQUIFER DATA

Saturated Thickness: 187.4 ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-6L	0	0

Well Name	X (ft)	Y (ft)
▣ L8FEB-6U	15.3	0

SOLUTION

Aquifer Model: Unconfined

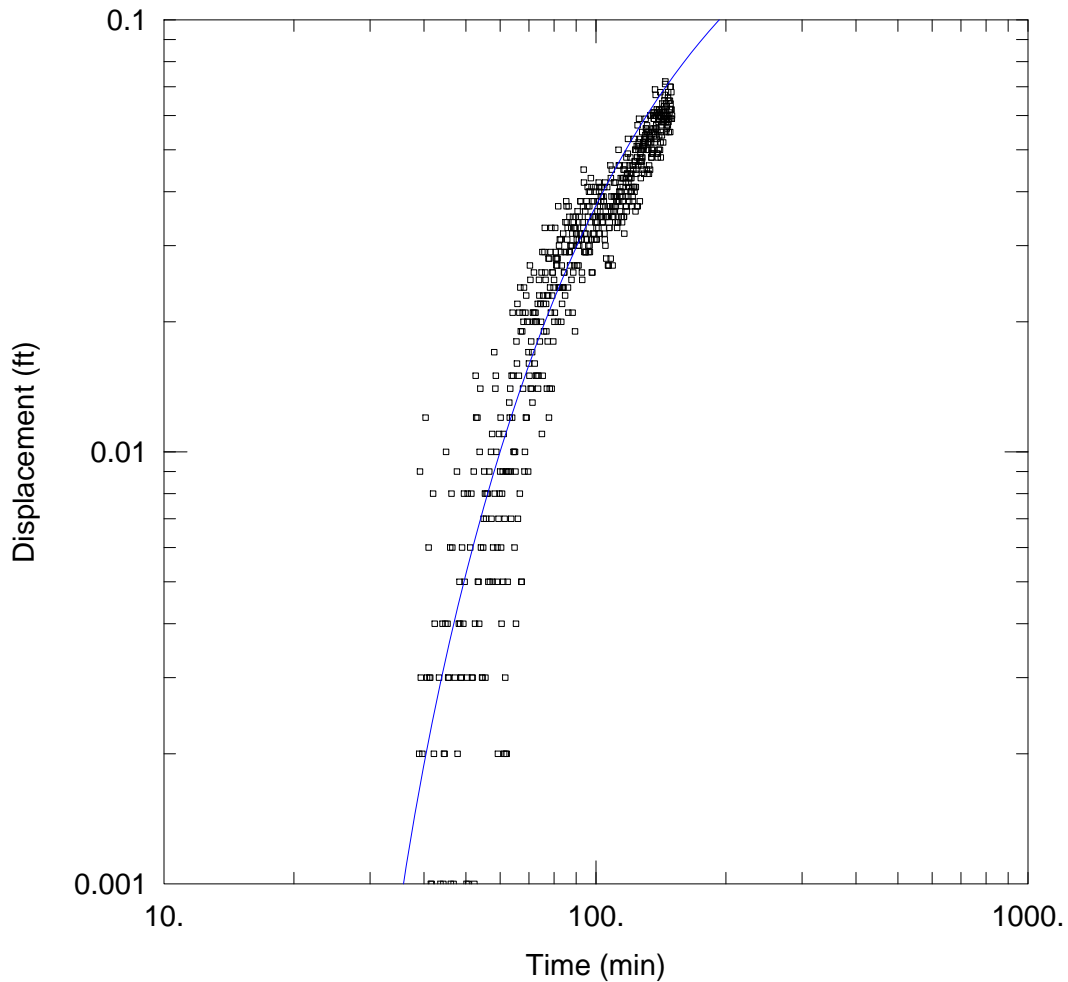
Solution Method: Neuman

T = 6063.1 ft²/day

S = 5.901E-8

Sy = 0.05385

β = 0.001



FIELD TESTING AT THE L-8 FEB MONITORING WELLS

Data Set: \...\L8FEB 7U-7L_DD.aqt

Date: 09/10/14

Time: 15:54:14

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8PZ-7U

Test Date: 08/12/14

AQUIFER DATA

Saturated Thickness: 187.7 ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8FEB-7U	0	0

Well Name	X (ft)	Y (ft)
□ L8FEB-7L	16	0

SOLUTION

Aquifer Model: Unconfined

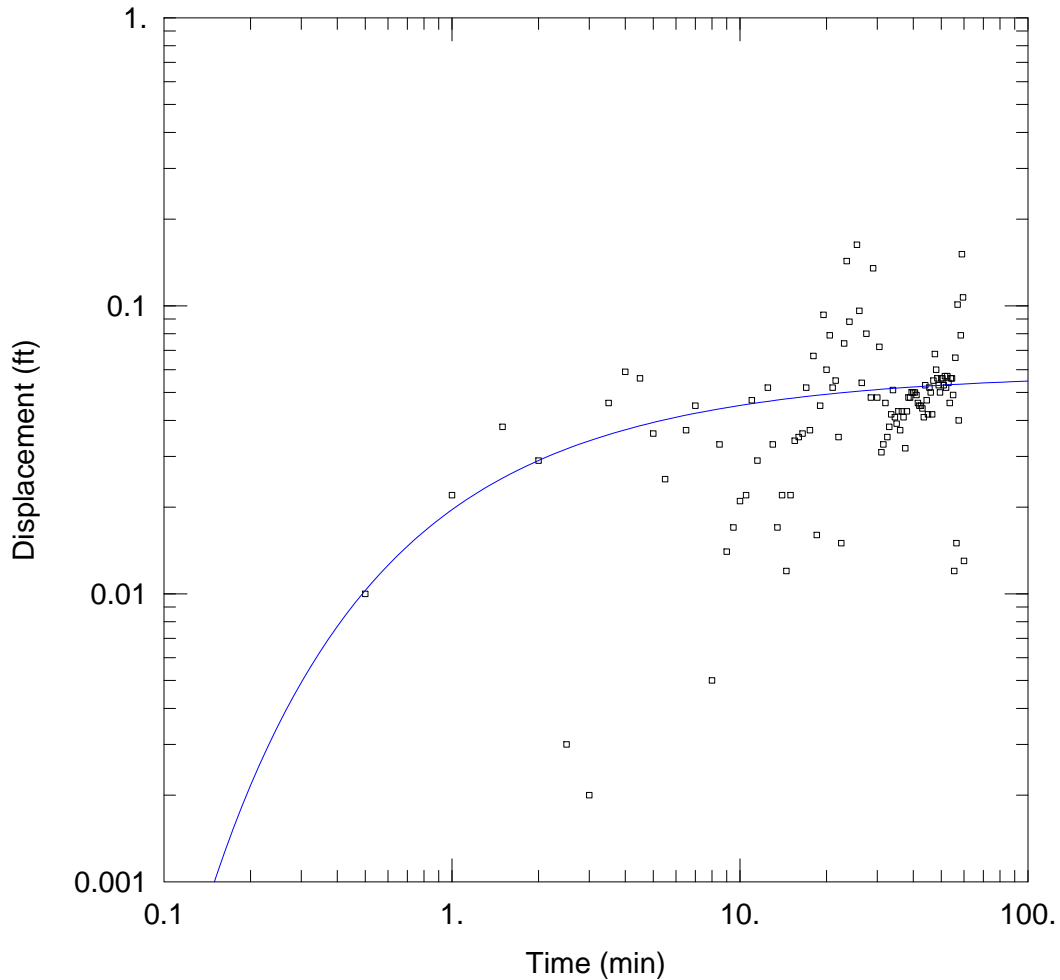
Solution Method: Neuman

T = 929.9 ft²/day

S = 0.139

Sy = 0.1481

β = 0.001



FIELD TESTING AT THE L-8 MONITORING WELLS

Data Set: \...\L8PZ5D-PZ5B_DD.aqt
 Date: 09/10/14

Time: 15:57:37

PROJECT INFORMATION

Company: Gannett Fleming, Inc
 Client: SFWMD
 Project: 059239
 Location: L-8
 Test Well: L8PZ-5D
 Test Date: 08/16/14

AQUIFER DATA

Saturated Thickness: 171.5 ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8PZ-5D	0	0

Well Name	X (ft)	Y (ft)
□ L8PZ-5B	11.1	0

SOLUTION

Aquifer Model: Unconfined

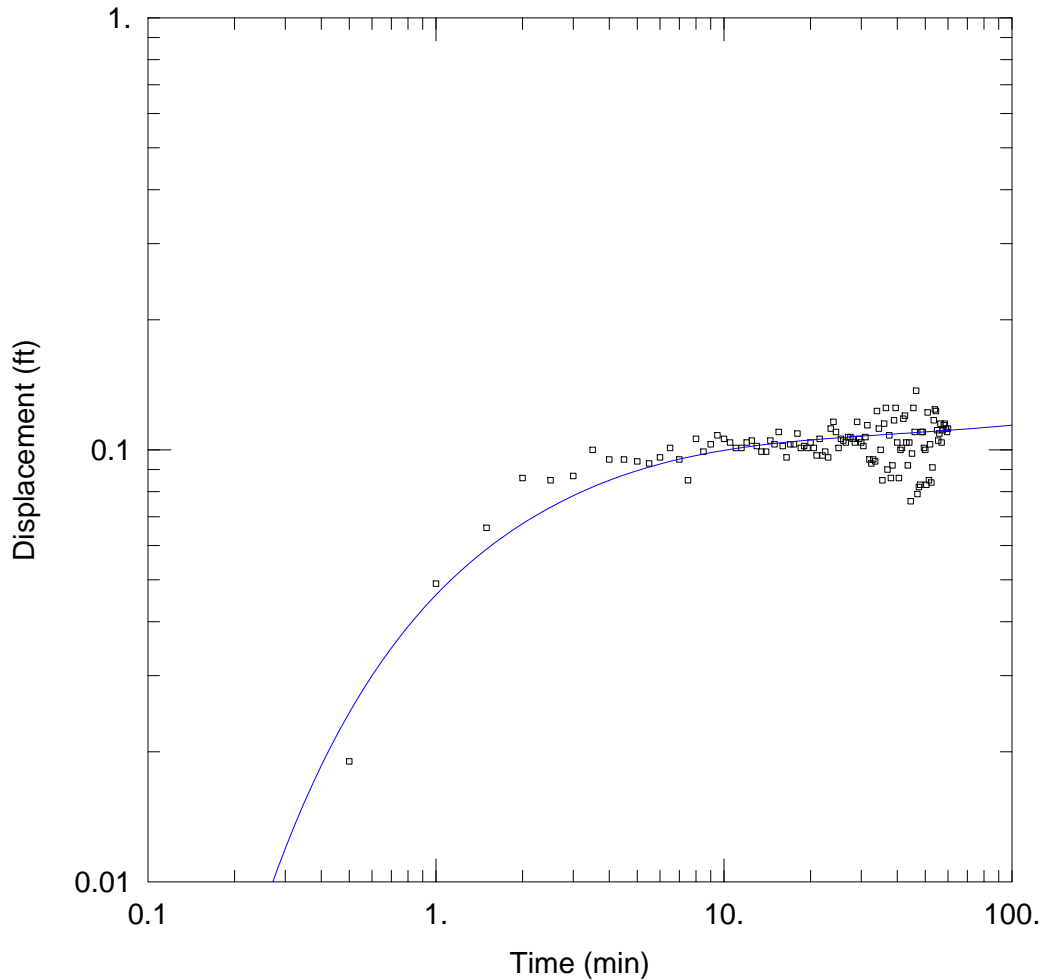
Solution Method: Neuman

T = 3.634E+4 ft²/day

S = 0.2493

Sy = 0.1543

β = 0.001



FIELD TESTING AT THE L-8 MONITORING WELLS

Data Set: \...\L8PZ5D-PZ5C_DD.aqt

Date: 09/10/14

Time: 13:29:23

PROJECT INFORMATION

Company: Gannett Fleming, Inc

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8PZ-5D

Test Date: 08/16/14

AQUIFER DATA

Saturated Thickness: 171.5 ft

WELL DATA

Pumping Wells

Observation Wells

Well Name	X (ft)	Y (ft)
L8PZ-5D	0	0

Well Name	X (ft)	Y (ft)
□ L8PZ-5C	5.6	0

SOLUTION

Aquifer Model: Unconfined

Solution Method: Neuman

T = 6863.5 ft²/day

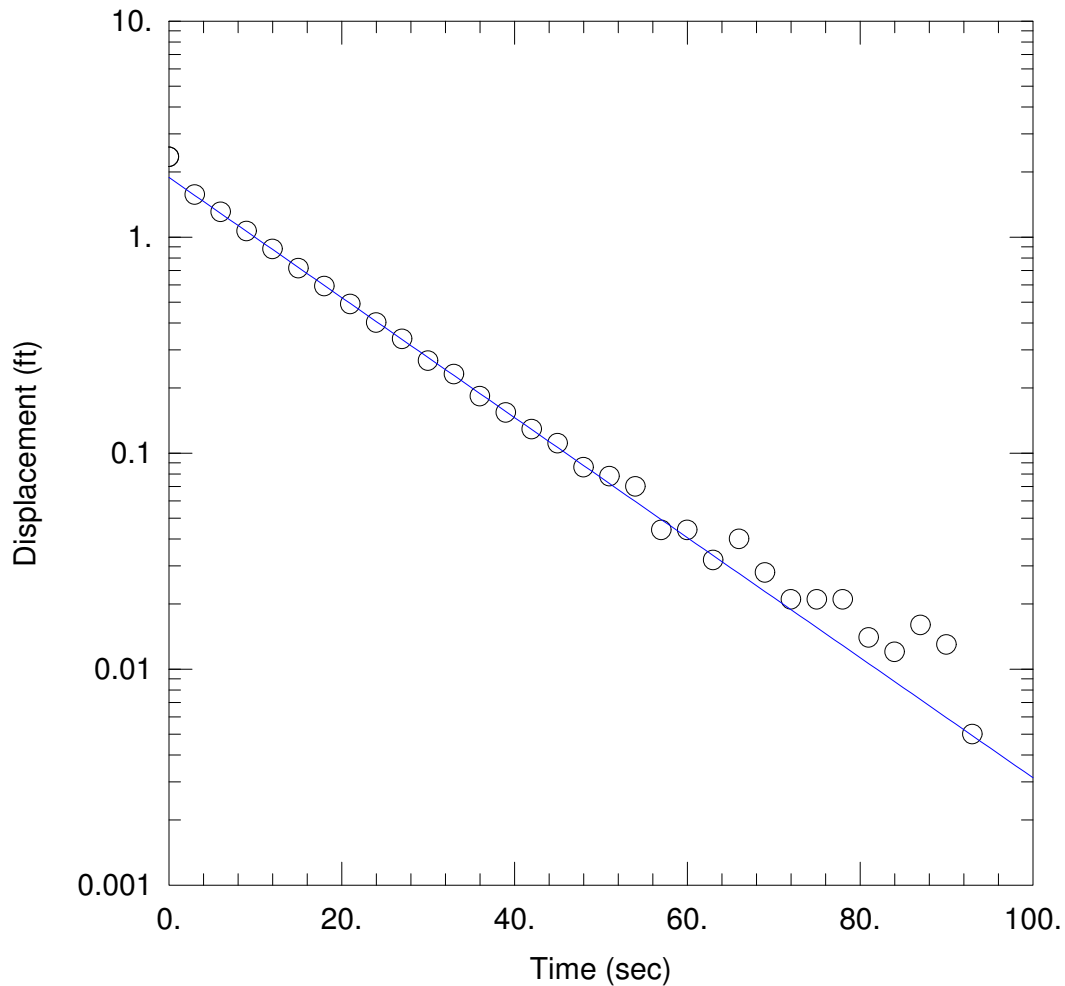
S = 0.03119

Sy = 0.2175

β = 0.001

AQTESOLV Output Results

D-3. Slug Test Well Data Analysis Results



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 1U SLUG IN TEST - 8/14/2014

Data Set: W:\...\L8FEB-1U-IN-UC.aqt

Date: 09/11/14

Time: 11:35:02

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: srfwmd

Project: 059239

Location: L-8

Test Well: L8FEB-1U

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 174.7 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 1U)

Initial Displacement: 2.353 ft

Static Water Column Height: 23.09 ft

Total Well Penetration Depth: 23.4 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

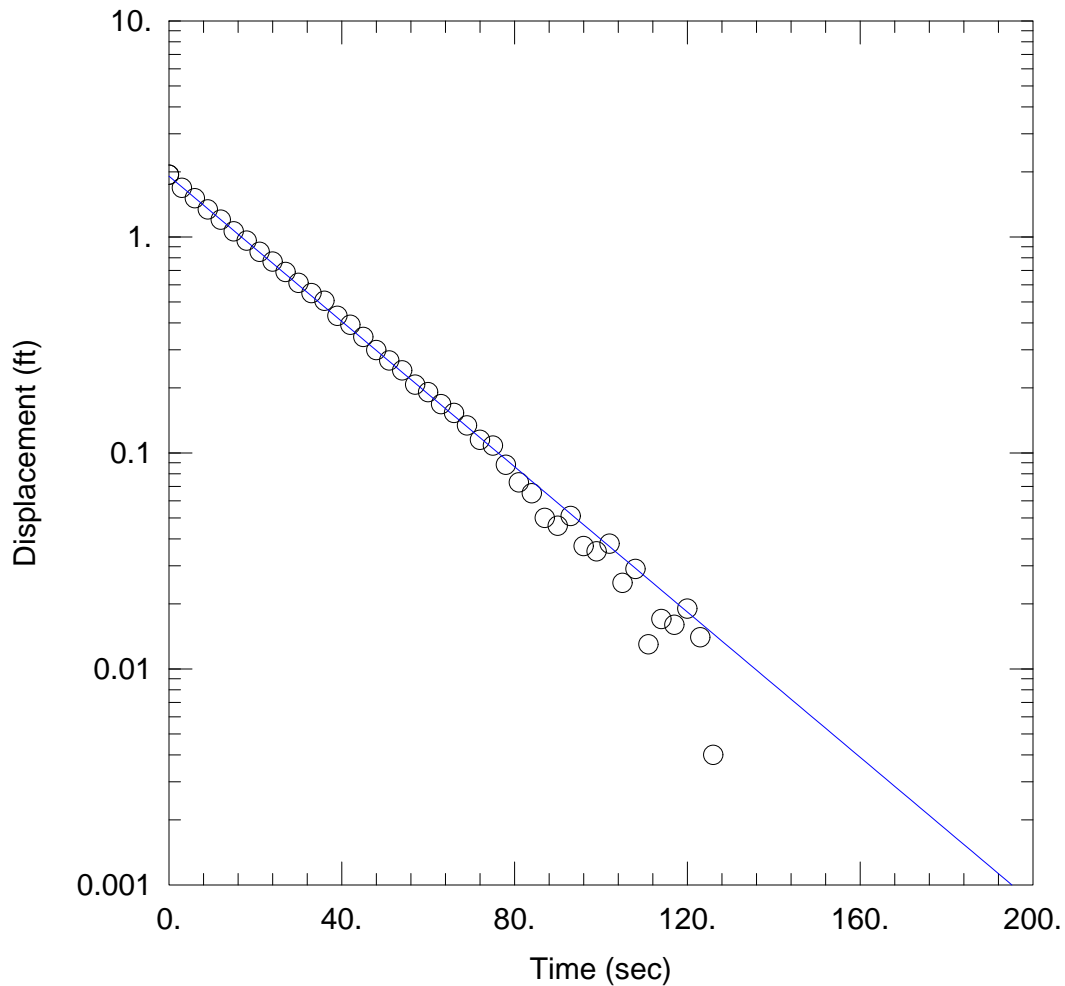
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 16.78 ft/day

y0 = 1.887 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 1U SLUG OUT TEST - 8/14/2014

Data Set: W:\...\L8FEB-1U-OUT-UC.aqt

Date: 09/11/14

Time: 11:42:09

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-1U

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 174.7 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 1U)

Initial Displacement: 1.939 ft

Static Water Column Height: 23.09 ft

Total Well Penetration Depth: 23.4 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

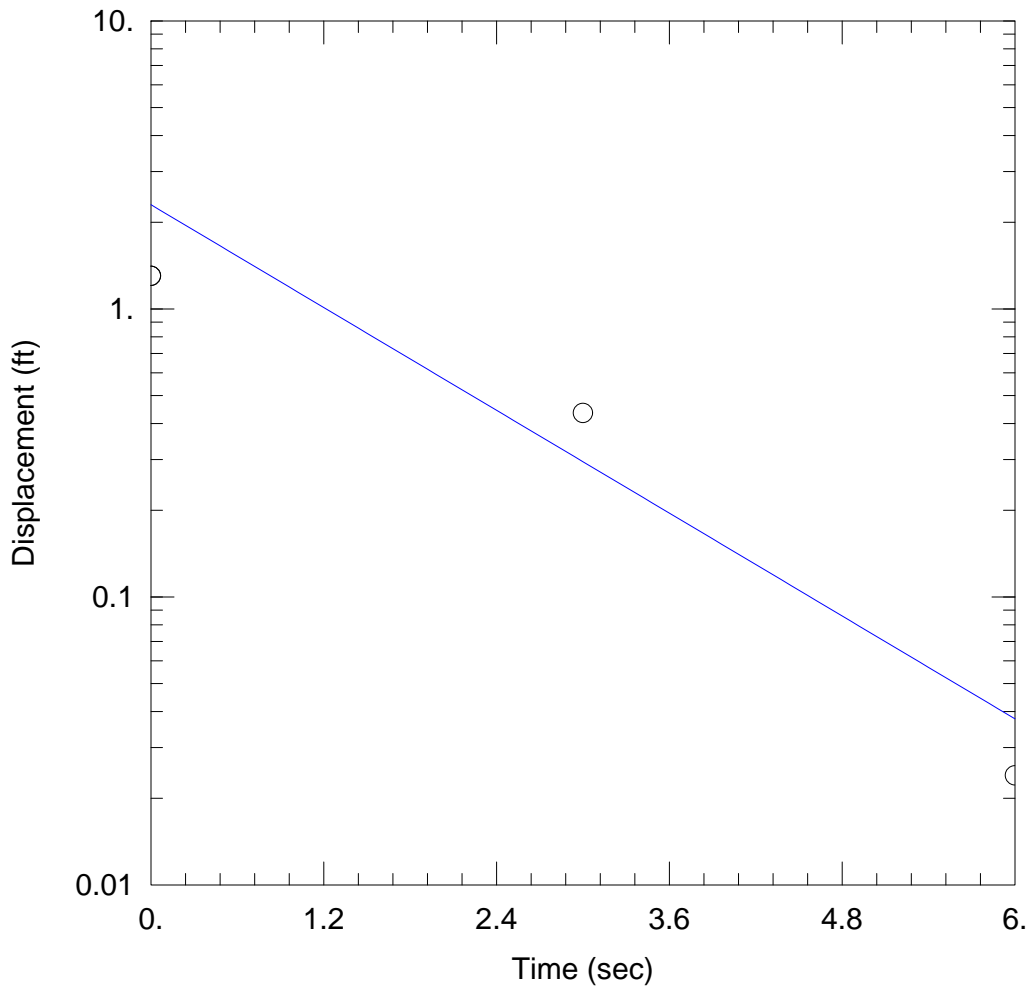
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bowser-Rice

K = 10.16 ft/day

y0 = 1.912 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 1M SLUG IN TEST - 8/14/2014

Data Set: W:\...\L8FEB-1M-IN-UC.aqt

Date: 09/11/14

Time: 11:29:49

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-1M

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 174.9 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 1M)

Initial Displacement: 1.303 ft

Static Water Column Height: 51.25 ft

Total Well Penetration Depth: 51.5 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

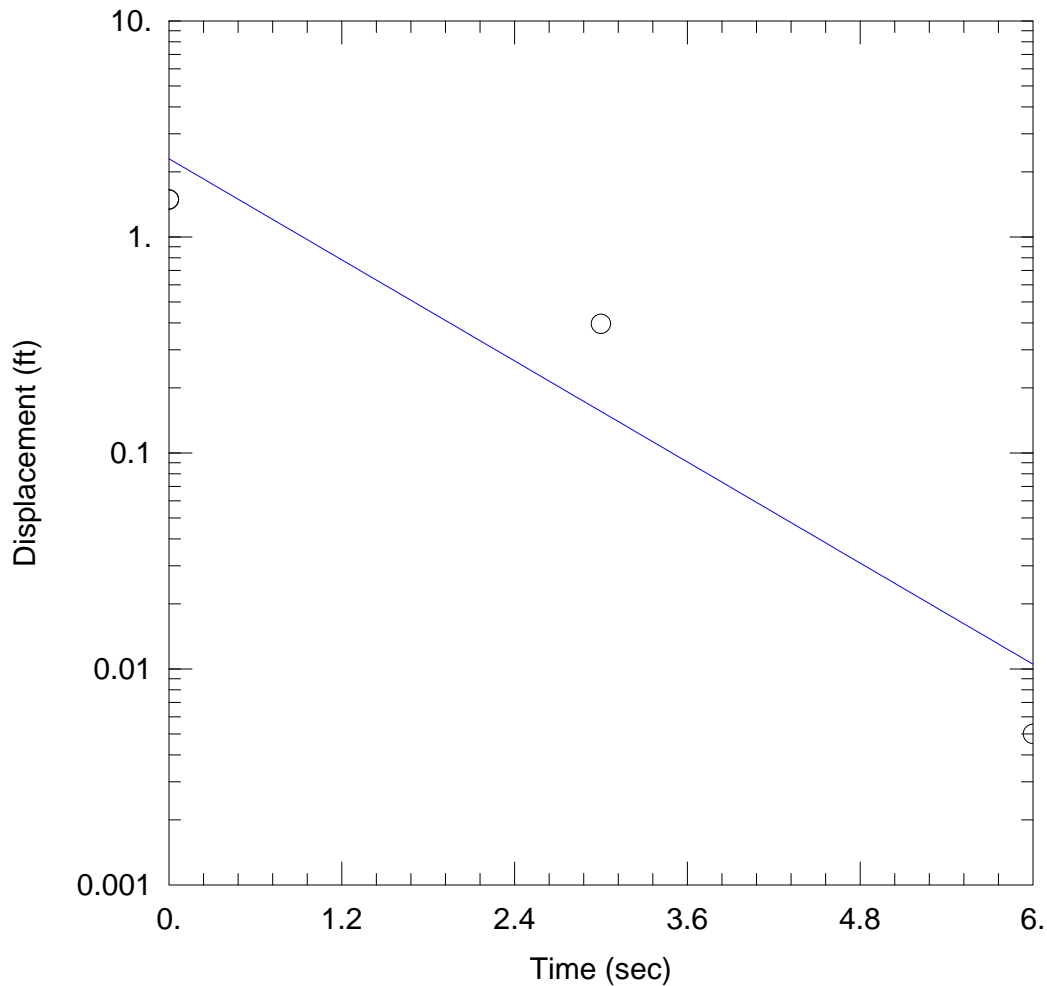
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bowser-Rice

K = 194. ft/day

y0 = 2.3 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 1M SLUG OUT TEST - 8/14/2014

Data Set: W:\...\L8FEB-1M-OUT-UC.aqt

Date: 09/11/14

Time: 11:32:46

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-1M

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 174.9 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 1M)

Initial Displacement: 1.489 ft

Static Water Column Height: 51.25 ft

Total Well Penetration Depth: 51.5 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

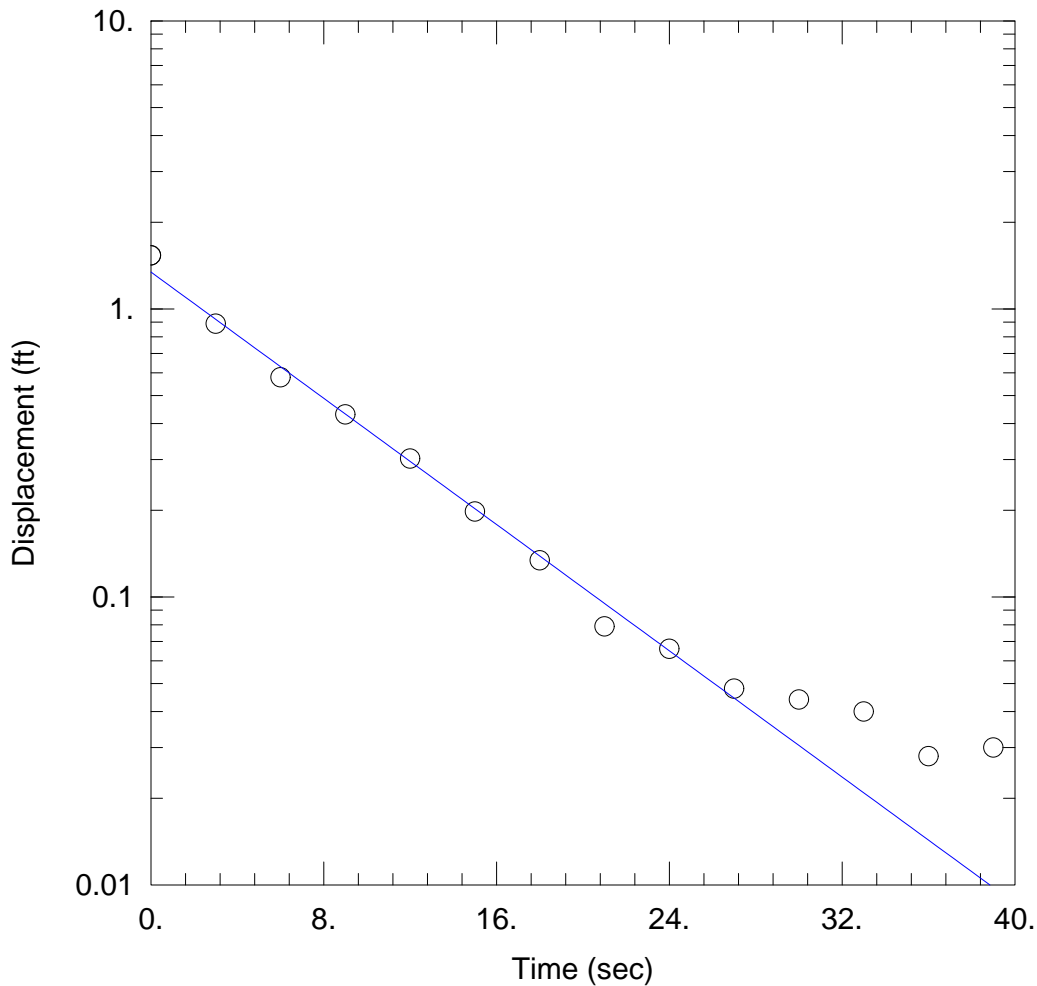
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bowser-Rice

K = 254.2 ft/day

y0 = 2.3 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 2U SLUG IN TEST - 8/14/2014

Data Set: W:\...\L8FEB-2U-IN-UC.aqt

Date: 09/11/14

Time: 13:33:58

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-2U

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 167.2 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 2U)

Initial Displacement: 1.534 ft

Static Water Column Height: 19.55 ft

Total Well Penetration Depth: 19.8 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

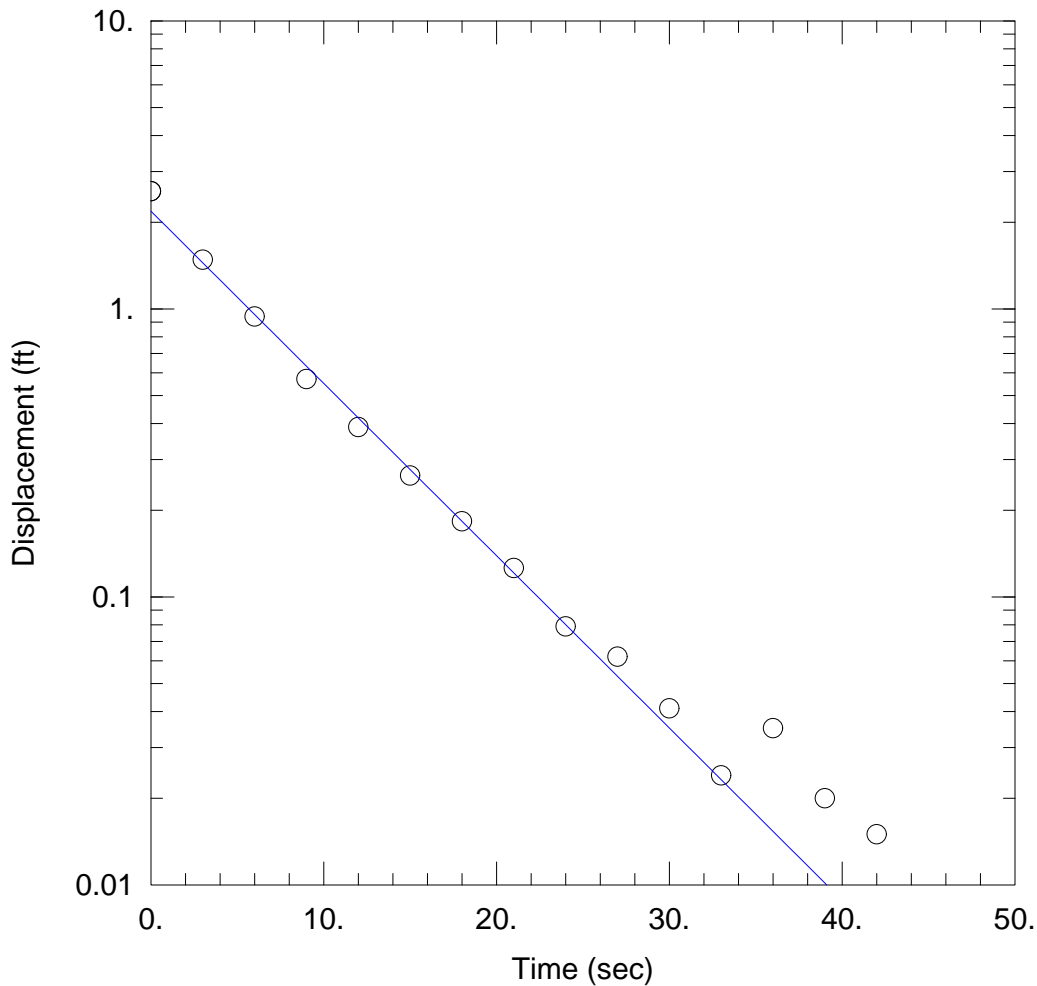
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 32.51 ft/day

y0 = 1.343 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 2U SLUG OUT TEST - 8/14/2014

Data Set: W:\...\L8FEB-2U-OUT-UC.aqt

Date: 09/11/14

Time: 13:34:55

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-2U

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 167.2 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 2U)

Initial Displacement: 2.563 ft

Static Water Column Height: 19.55 ft

Total Well Penetration Depth: 19.8 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

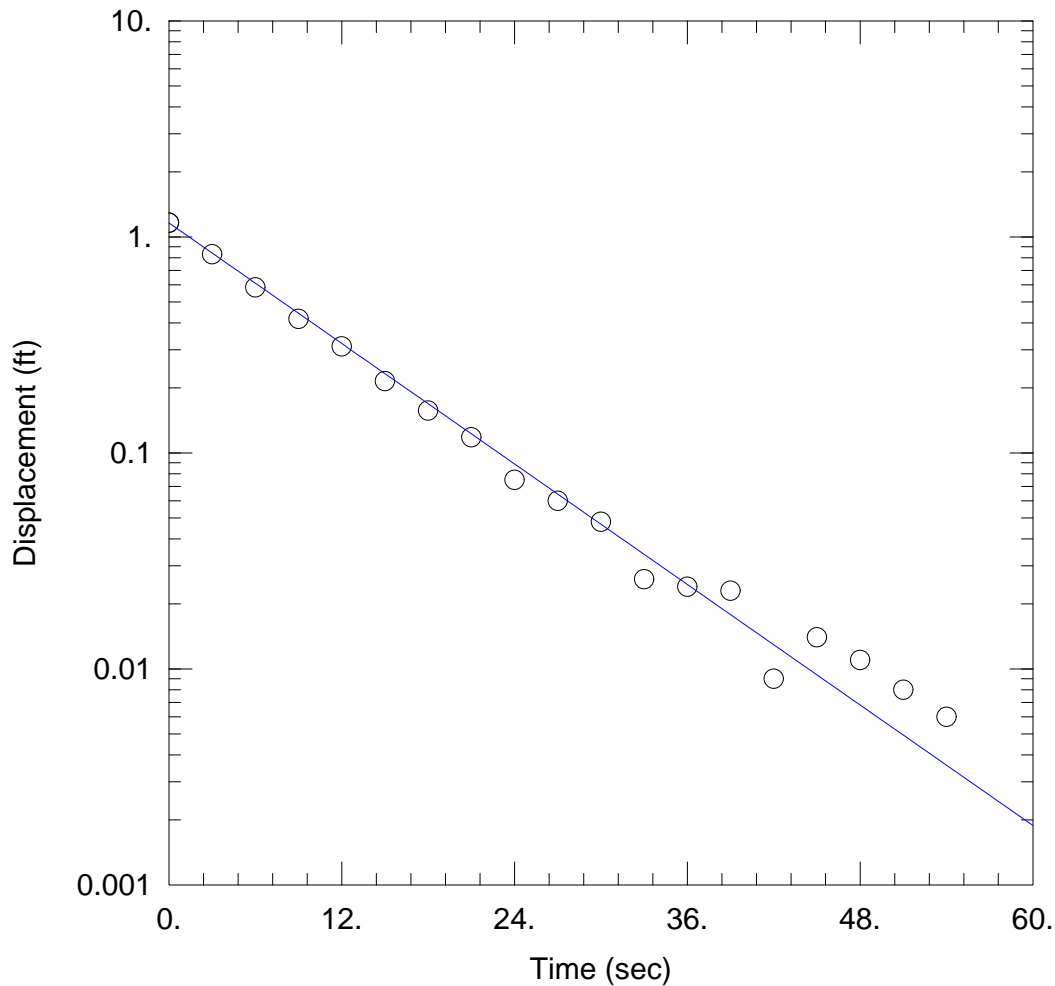
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bowser-Rice

K = 35.49 ft/day

y0 = 2.184 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 2M SLUG IN TEST - 8/14/2014

Data Set: W:\...\L8FEB-2M-IN-UC.aqt

Date: 09/11/14

Time: 11:48:42

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-2M

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 166.7 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 2M)

Initial Displacement: 1.162 ft

Static Water Column Height: 48.89 ft

Total Well Penetration Depth: 49.17 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

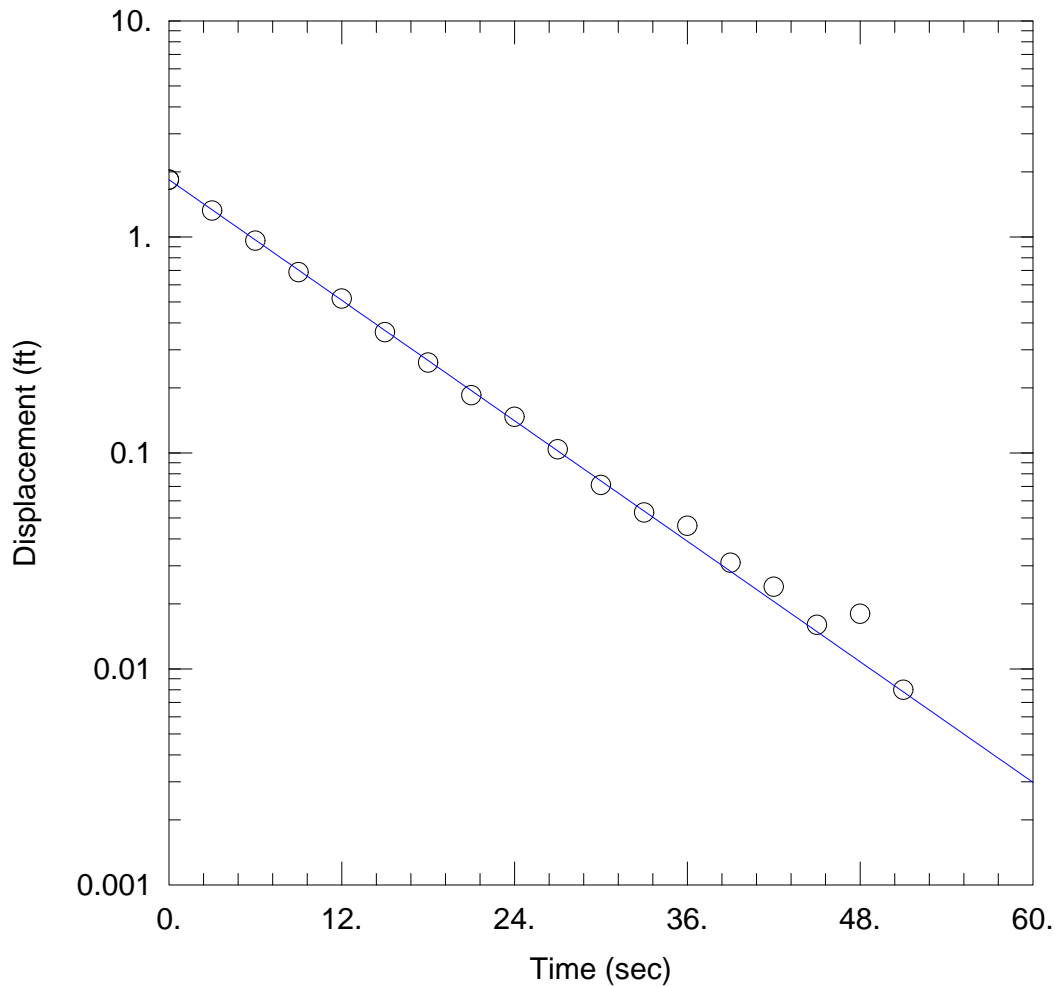
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bowser-Rice

K = 30.19 ft/day

y0 = 1.161 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 2M SLUG OUT TEST - 8/14/2014

Data Set: W:\...\L8FEB-2M-OUT-UC.aqt

Date: 09/11/14

Time: 13:31:38

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-2M

Test Date: 08/14/14

AQUIFER DATA

Saturated Thickness: 166.7 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 2M)

Initial Displacement: 1.841 ft

Static Water Column Height: 48.89 ft

Total Well Penetration Depth: 49.2 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

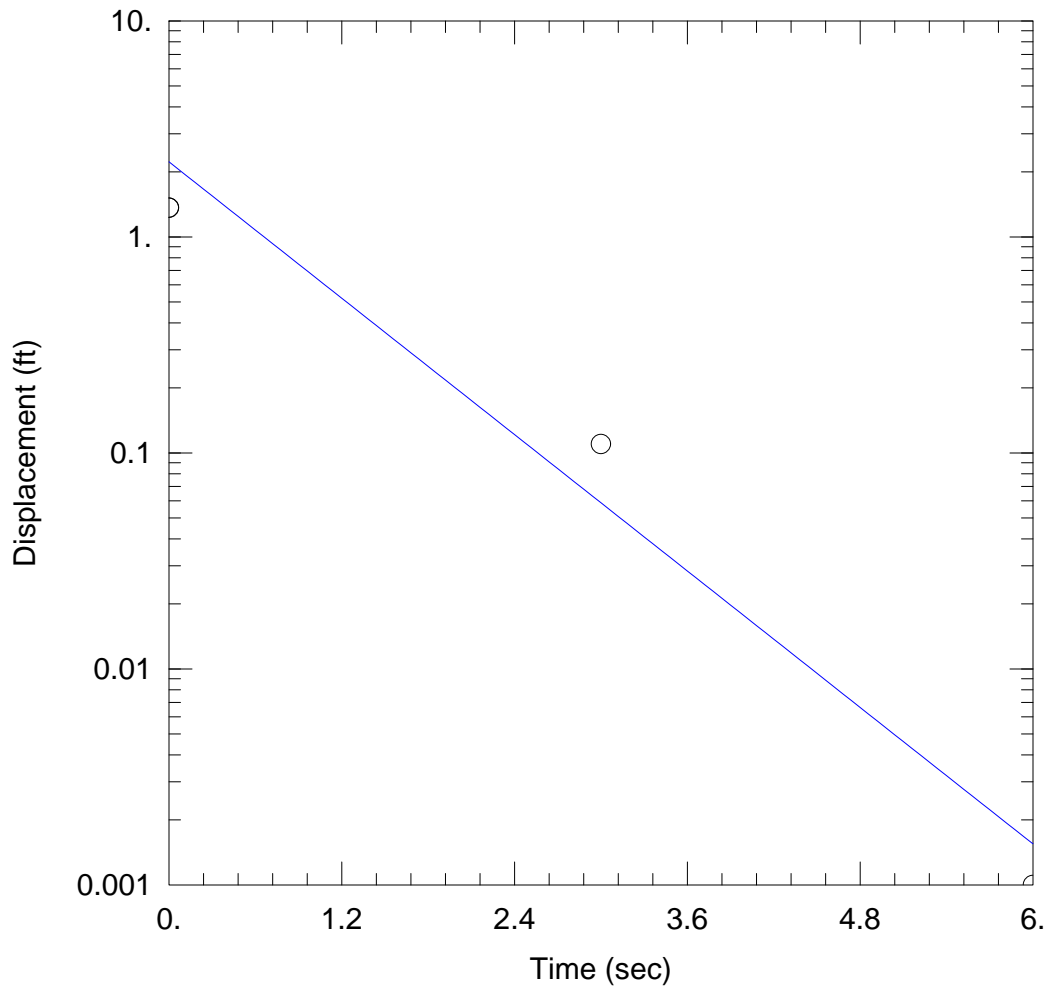
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 30.19 ft/day

y0 = 1.84 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 3U SLUG IN TEST - 8/15/2015

Data Set: W:\...\L8FEB-3U-IN-UC.aqt

Date: 09/11/14

Time: 14:37:02

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-3U

Test Date: 08/15/14

AQUIFER DATA

Saturated Thickness: 182.8 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 3U)

Initial Displacement: 1.365 ft

Static Water Column Height: 46.28 ft

Total Well Penetration Depth: 46.6 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

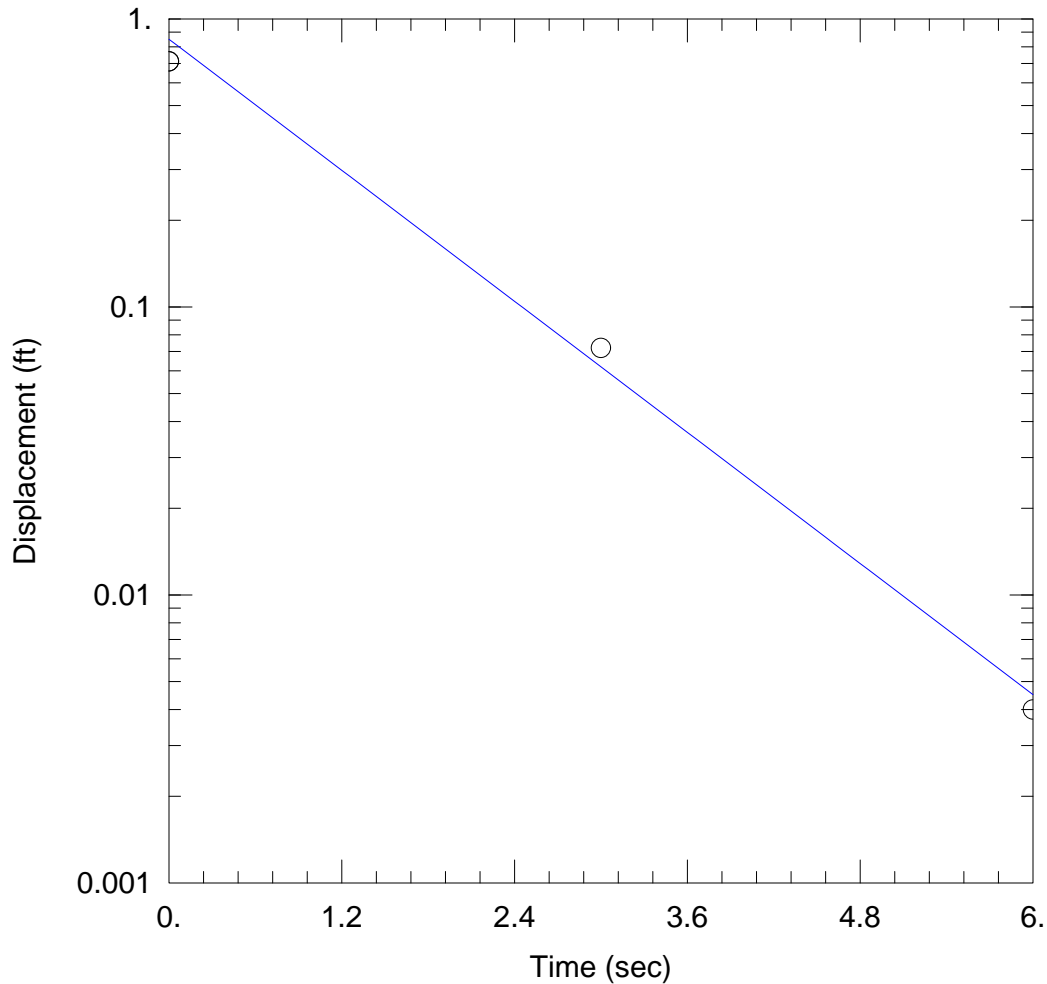
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 340. ft/day

y0 = 2.226 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 3U SLUG OUT TEST - 8/15/2014

Data Set: W:\...\L8FEB-3U-OUT-UC.aqt

Date: 09/11/14

Time: 16:47:47

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-3U

Test Date: 08/15/14

AQUIFER DATA

Saturated Thickness: 182.8 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 3U)

Initial Displacement: 0.712 ft

Static Water Column Height: 46.28 ft

Total Well Penetration Depth: 46.6 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

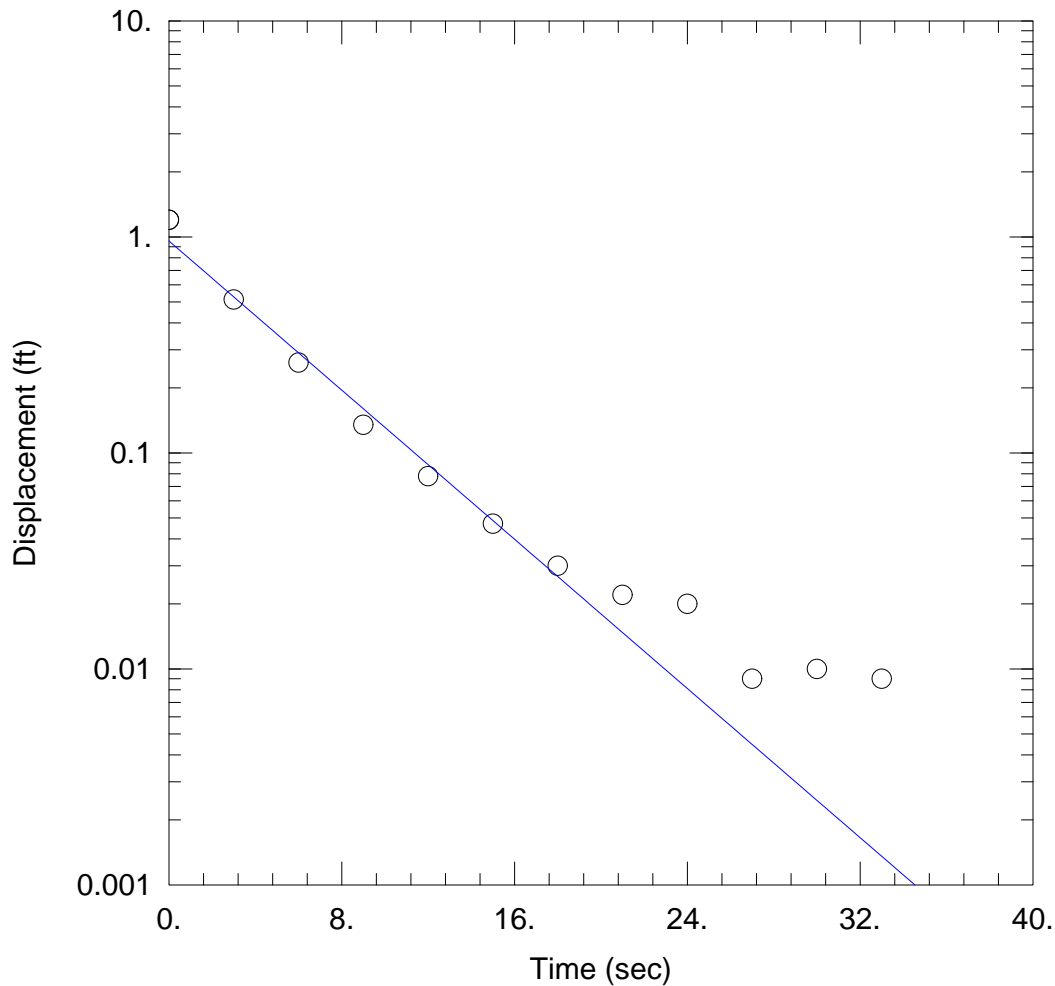
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 245. ft/day

y0 = 0.85 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 3L SLUG IN TEST - 8/15/2015

Data Set: W:\...\L8FEB-3L-IN-UC.aqt

Date: 09/11/14

Time: 13:49:53

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-3L

Test Date: 08/15/14

AQUIFER DATA

Saturated Thickness: 182.3 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 3L)

Initial Displacement: 1.199 ft

Static Water Column Height: 112.4 ft

Total Well Penetration Depth: 112.7 ft

Screen Length: 10. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

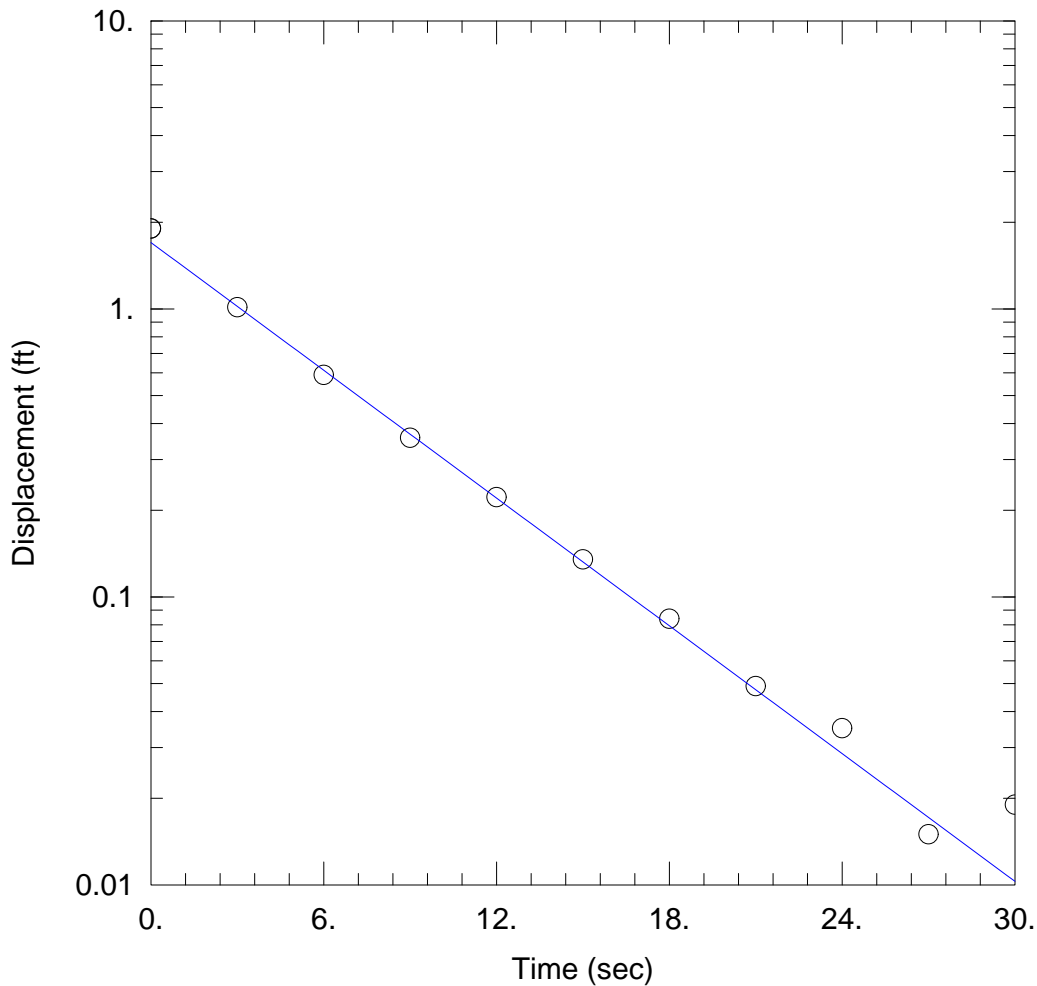
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 33.15 ft/day

y0 = 0.9574 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 3L SLUG OUT TEST - 8/15/2014

Data Set: W:\...\L8FEB-3L-OUT-UC.aqt

Date: 09/11/14

Time: 14:28:30

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-3L

Test Date: 08/15/14

AQUIFER DATA

Saturated Thickness: 182.3 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 3L)

Initial Displacement: 1.903 ft

Static Water Column Height: 112.4 ft

Total Well Penetration Depth: 112.7 ft

Screen Length: 10. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

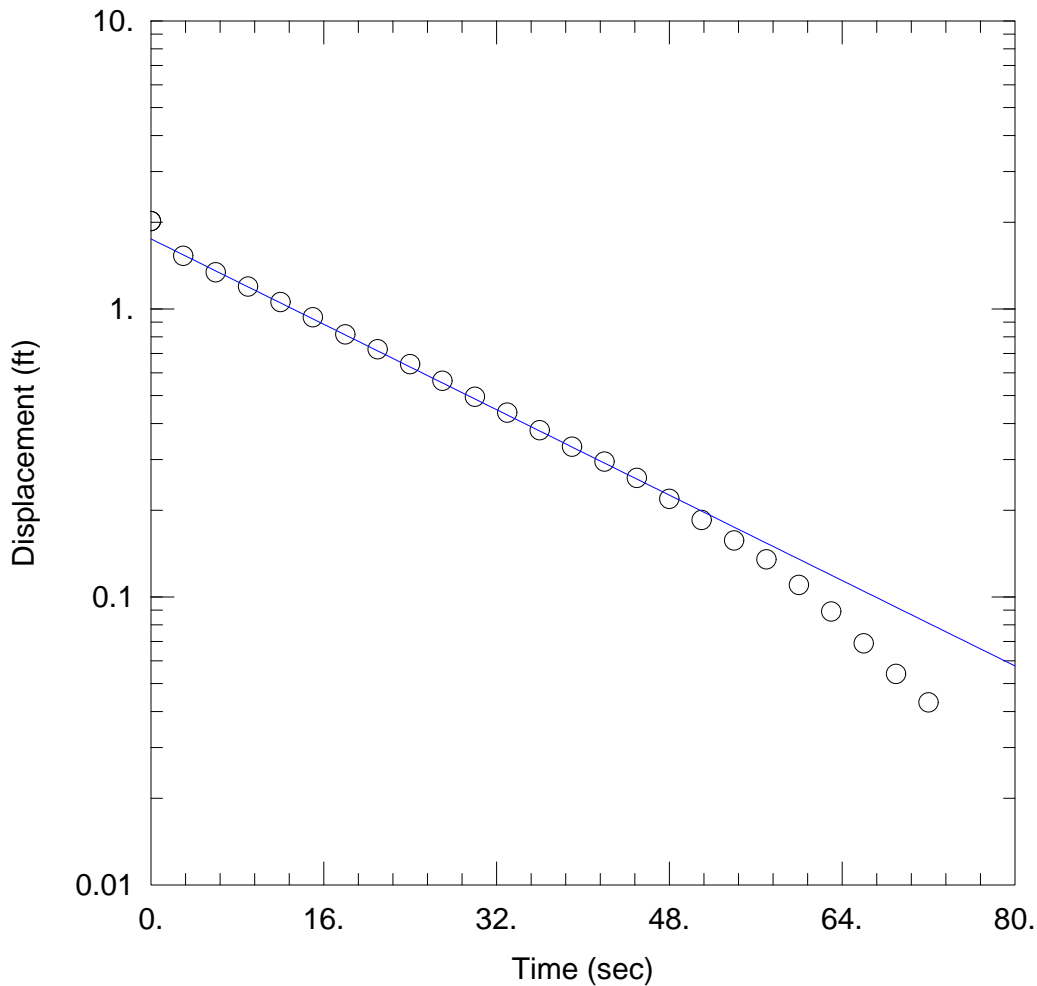
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 28.4 ft/day

y0 = 1.7 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 4M SLUG IN TEST - 8/13/2014

Data Set: W:\...\L8FEB-4M-IN-UC.aqt
 Date: 09/11/14

Time: 16:49:59

PROJECT INFORMATION

Company: Gannett Fleming, Inc.
 Client: SFWMD
 Project: 059239
 Location: L-8
 Test Well: L8FEB-4M
 Test Date: 08/13/14

AQUIFER DATA

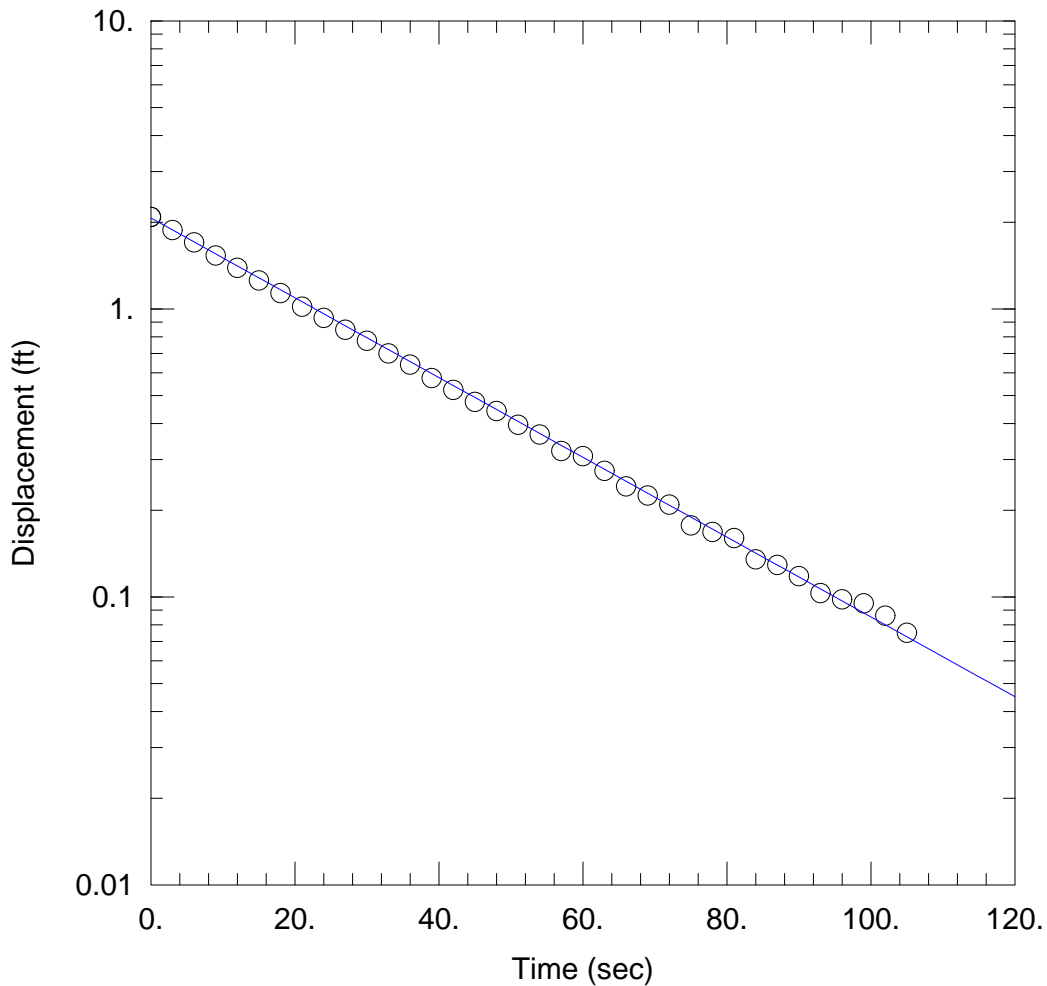
Saturated Thickness: 166.8 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 4M)

Initial Displacement: 2.018 ft Static Water Column Height: 43.35 ft
 Total Well Penetration Depth: 43.6 ft Screen Length: 5. ft
 Casing Radius: 0.08333 ft Well Radius: 0.08333 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bower-Rice
 K = 11.9 ft/day y0 = 1.75 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 4M SLUG OUT TEST - 8/13/2014

Data Set: W:\...\L8FEB-4M-OUT-UC.aqt
 Date: 09/11/14

Time: 16:50:19

PROJECT INFORMATION

Company: Gannett Fleming, Inc.
 Client: SFWMD
 Project: 059239
 Location: L-8
 Test Well: L8FEB-4M
 Test Date: 08/13/14

AQUIFER DATA

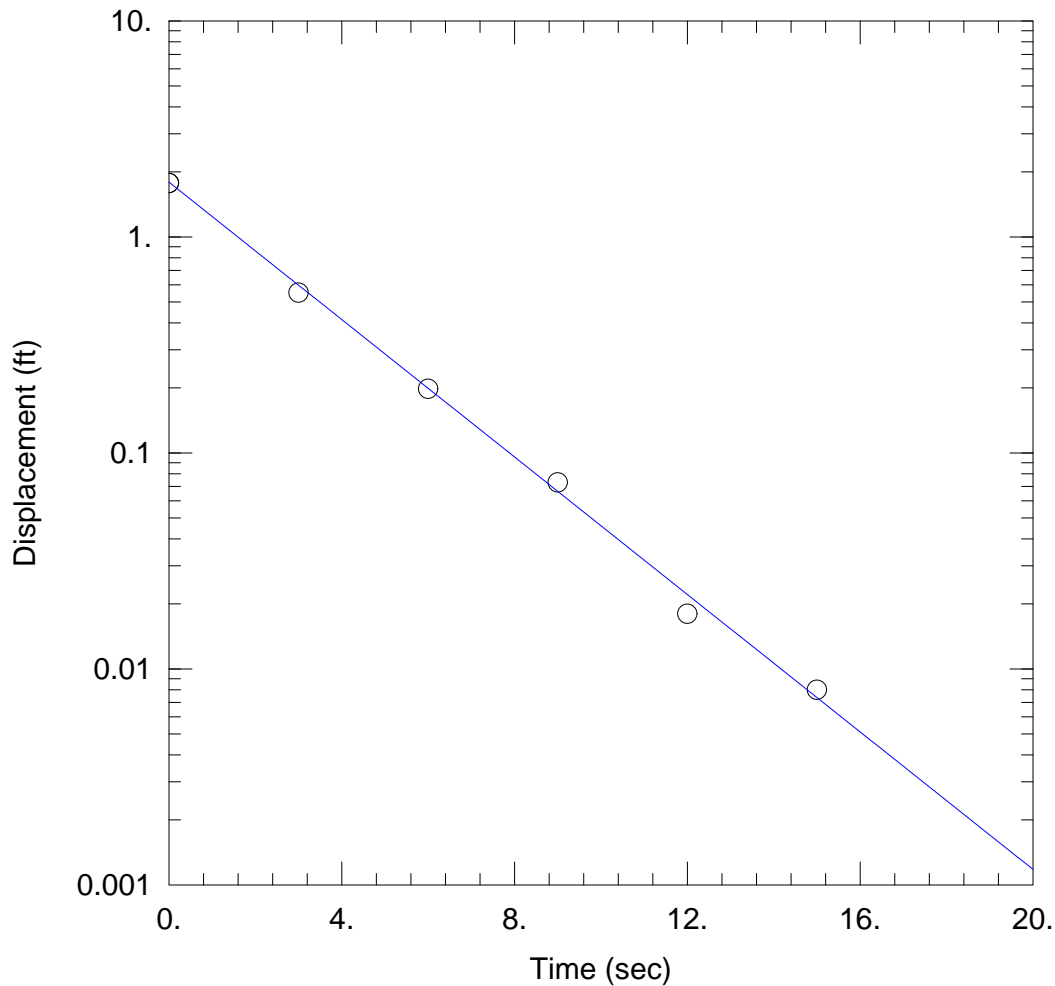
Saturated Thickness: 166.8 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 4M)

Initial Displacement: 2.084 ft Static Water Column Height: 43.35 ft
 Total Well Penetration Depth: 43.6 ft Screen Length: 5 ft
 Casing Radius: 0.08333 ft Well Radius: 0.08333 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
 K = 8.894 ft/day y0 = 2.068 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 4L SLUG IN TEST - 8/13/2014

Data Set: W:\...\L8FEB-4L-IN-UC.aqt

Date: 09/11/14

Time: 16:48:58

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-4L

Test Date: 08/13/14

AQUIFER DATA

Saturated Thickness: 166.6 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 4L)

Initial Displacement: 1.775 ft

Static Water Column Height: 91.94 ft

Total Well Penetration Depth: 92.2 ft

Screen Length: 10. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

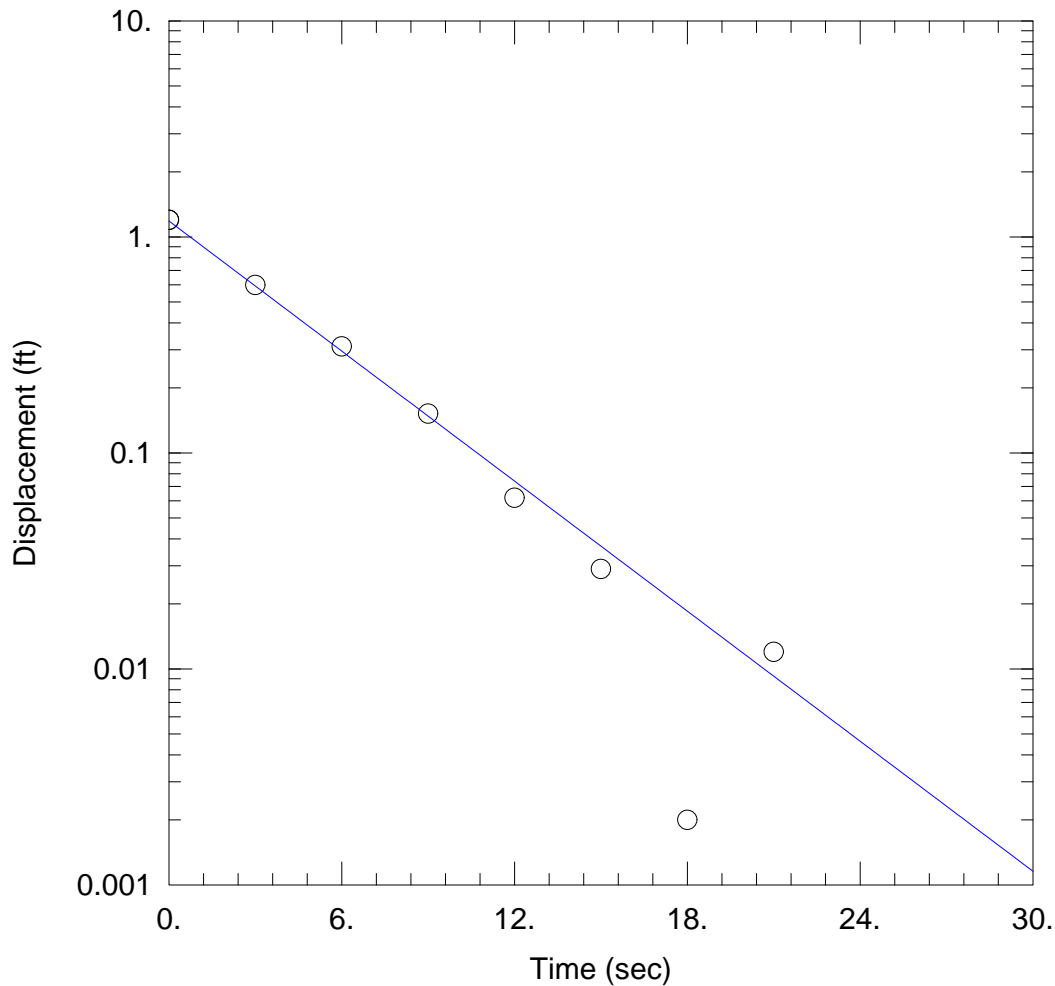
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 60. ft/day

y₀ = 1.792 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 4L SLUG OUT TEST - 8/13/2014

Data Set: W:\...\L8FEB-4L-OUT-UC.aqt

Date: 09/11/14

Time: 16:49:37

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-4L

Test Date: 08/13/14

AQUIFER DATA

Saturated Thickness: 166.6 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 4L)

Initial Displacement: 1.2 ft

Static Water Column Height: 91.94 ft

Total Well Penetration Depth: 92.2 ft

Screen Length: 10. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

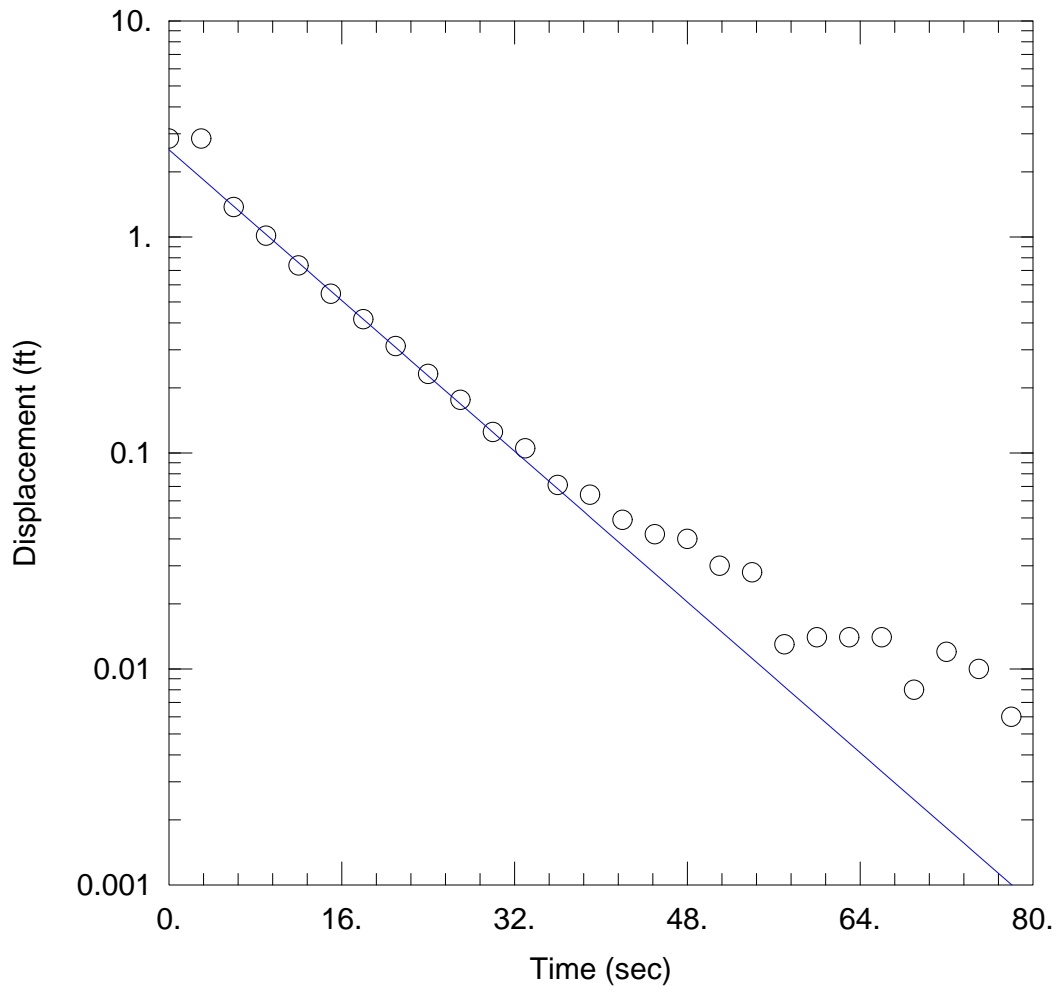
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bowser-Rice

K = 37.86 ft/day

y0 = 1.184 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 5U SLUG IN TEST - 8/13/2014

Data Set: W:\...\L8FEB-5U-IN-UC.aqt

Date: 09/11/14

Time: 16:52:08

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-5U

Test Date: 08/13/14

AQUIFER DATA

Saturated Thickness: 179.1 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 5U)

Initial Displacement: 2.853 ft

Static Water Column Height: 31.59 ft

Total Well Penetration Depth: 31.8 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

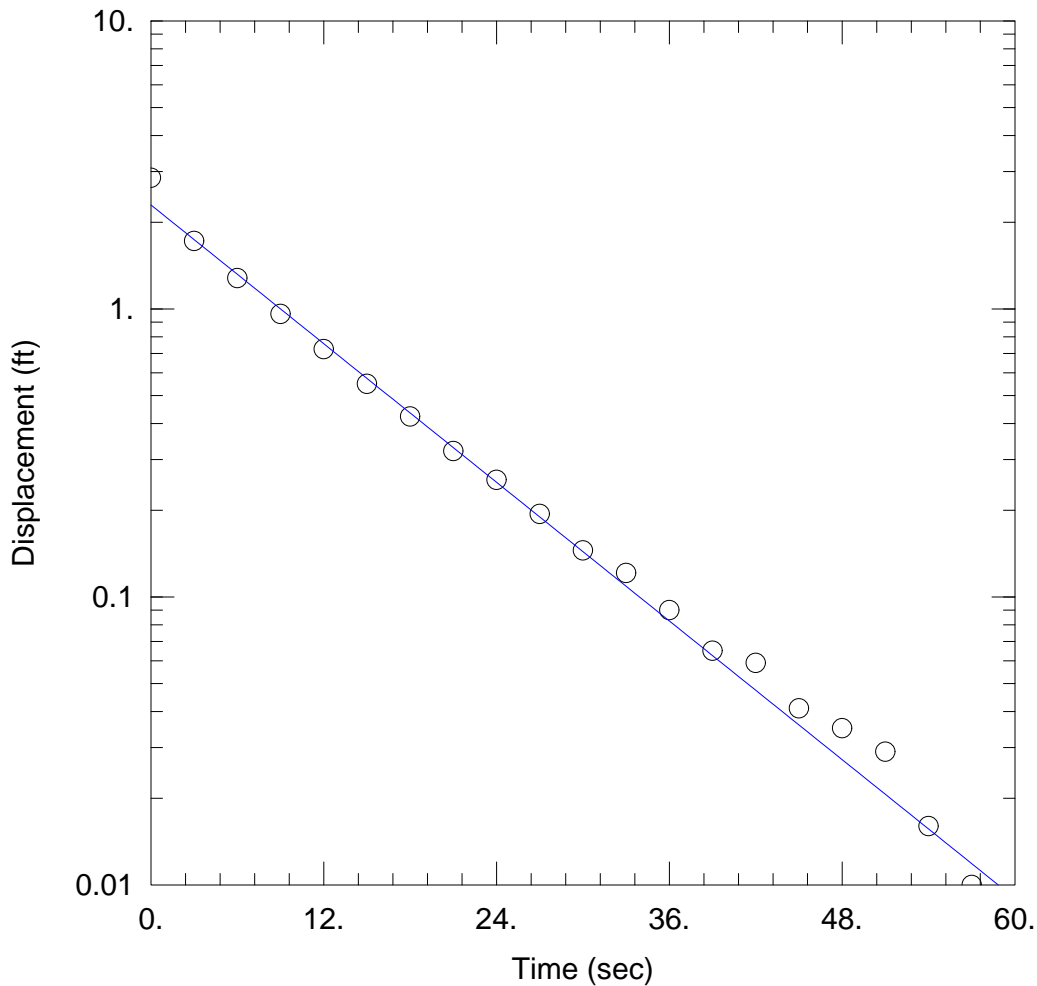
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bowser-Rice

K = 27.17 ft/day

y0 = 2.531 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 5U SLUG OUT TEST - 8/13/2014

Data Set: W:\...\L8FEB-5U-OUT-UC.aqt

Date: 09/11/14

Time: 16:52:30

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-5U

Test Date: 08/13/14

AQUIFER DATA

Saturated Thickness: 179.1 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 5U)

Initial Displacement: 2.853 ft

Static Water Column Height: 31.59 ft

Total Well Penetration Depth: 31.8 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

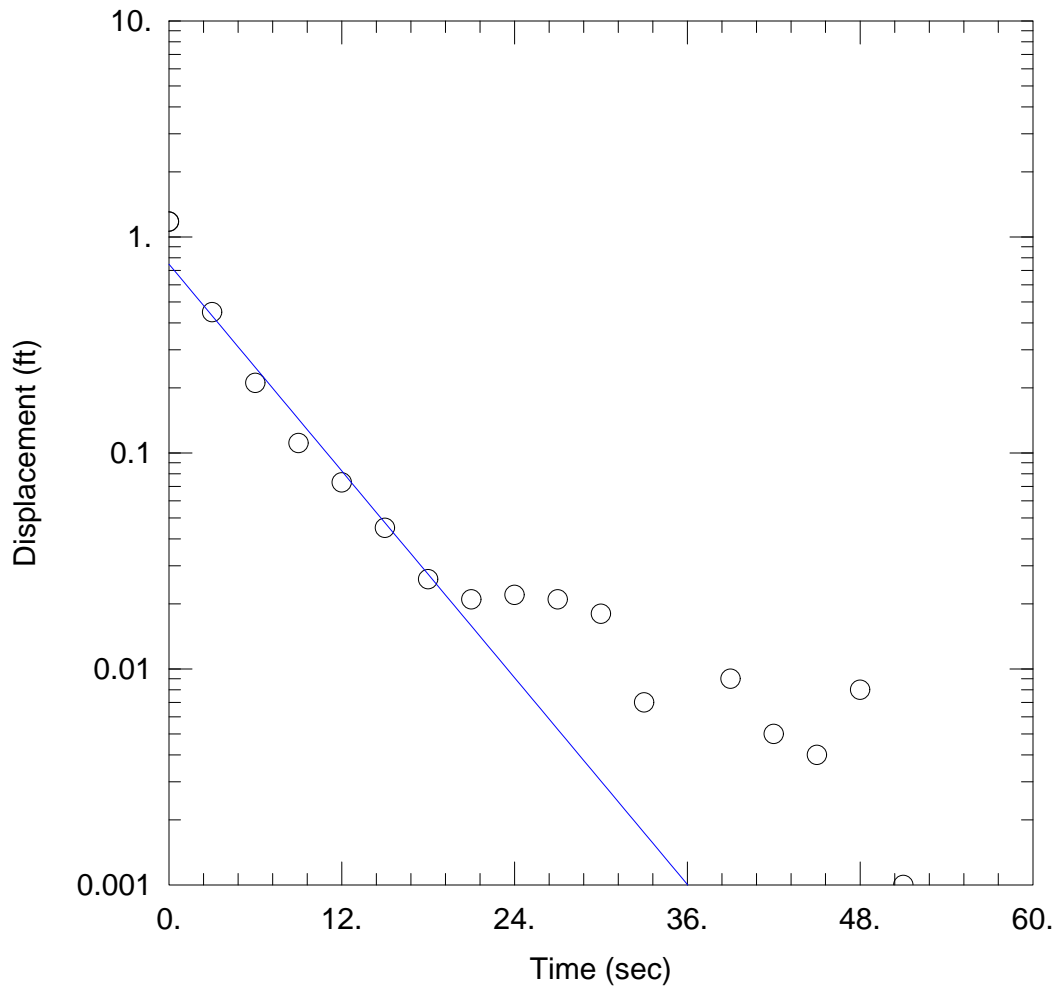
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 25. ft/day

y0 = 2.295 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 5L SLUG IN TEST - 8/13/2014

Data Set: W:\...\L8FEB-5L-IN-UC.aqt

Date: 09/11/14

Time: 16:50:49

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-5L

Test Date: 08/13/14

AQUIFER DATA

Saturated Thickness: 178.5 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 5L)

Initial Displacement: 1.176 ft

Static Water Column Height: 103.6 ft

Total Well Penetration Depth: 104. ft

Screen Length: 10. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

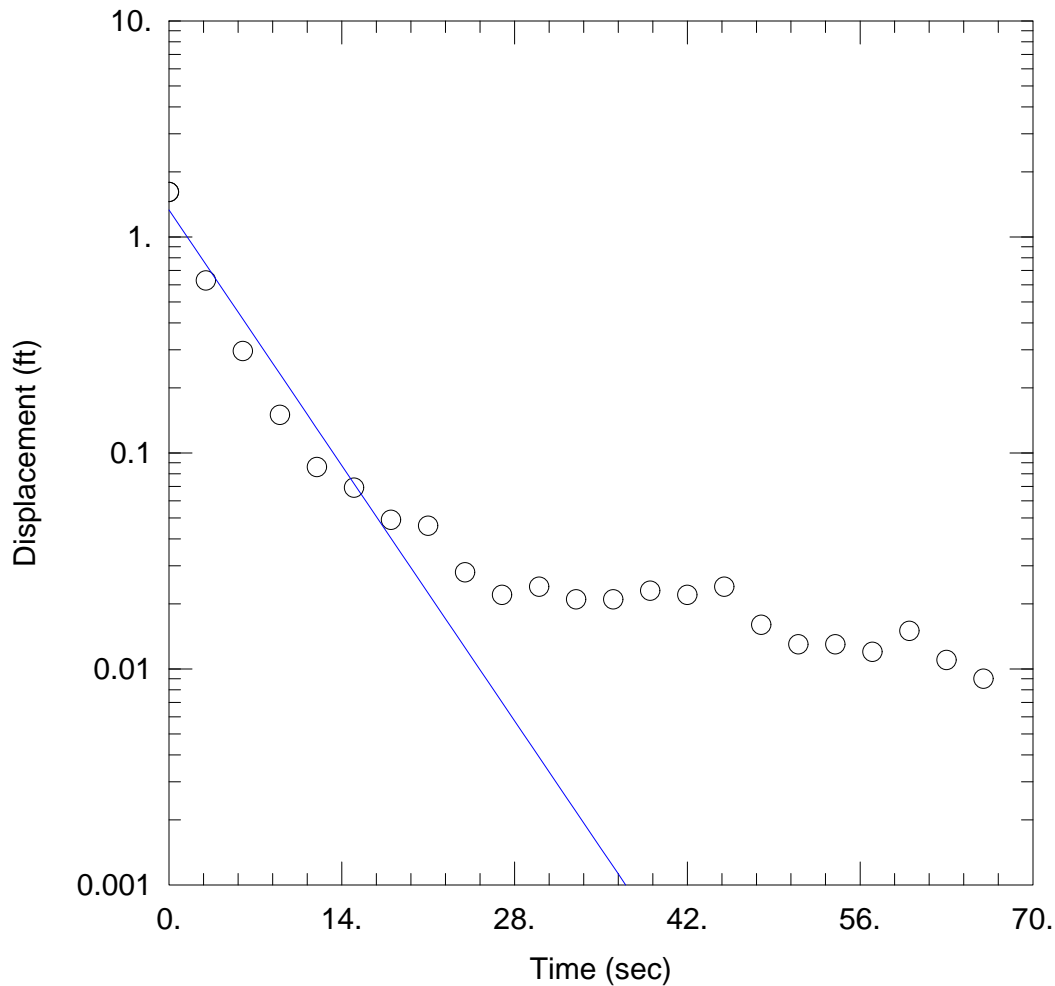
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 30.43 ft/day

y0 = 0.7481 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 5L SLUG OUT TEST - 8/13/2014

Data Set: W:\...\L8FEB-5L-OUT-UC.aqt

Date: 09/11/14

Time: 16:51:49

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-5L

Test Date: 08/13/14

AQUIFER DATA

Saturated Thickness: 178.5 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 5L)

Initial Displacement: 1.614 ft

Static Water Column Height: 103.6 ft

Total Well Penetration Depth: 104. ft

Screen Length: 10. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

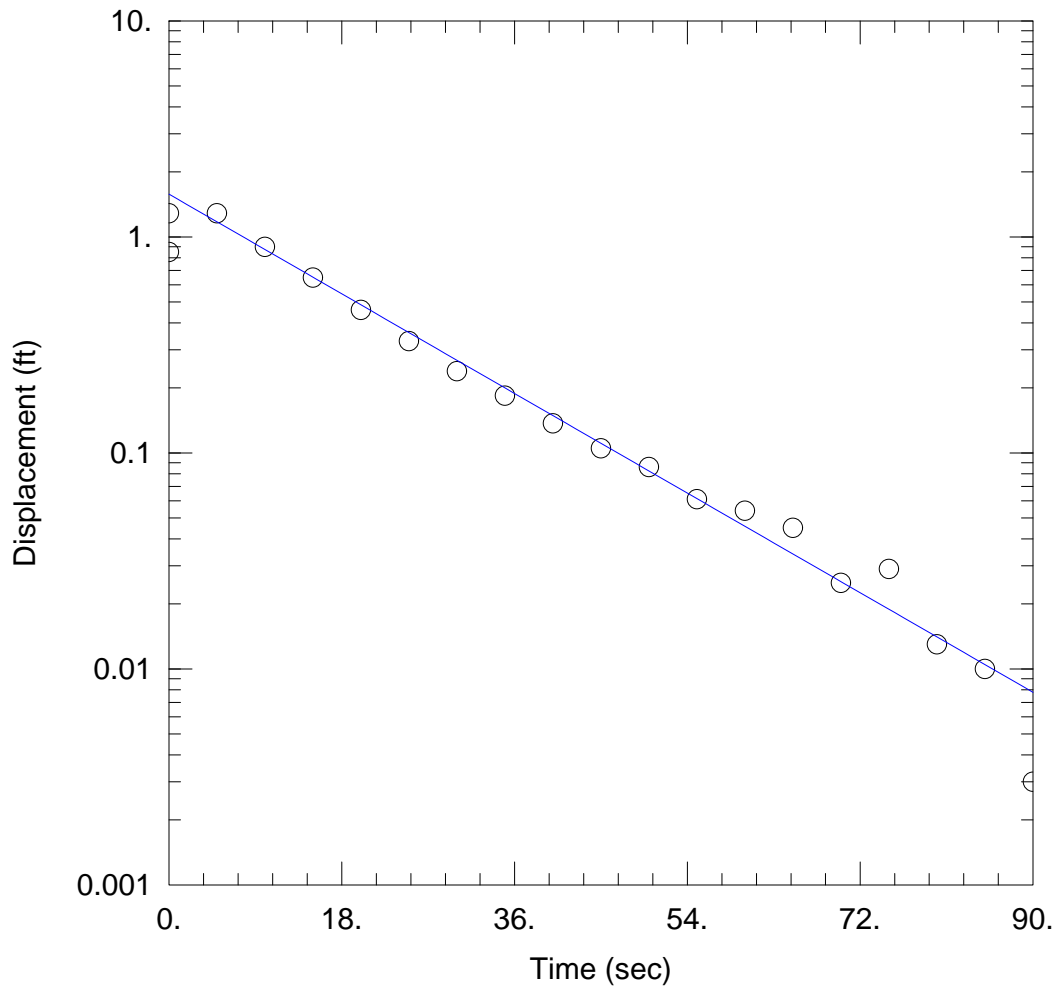
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 32.2 ft/day

y0 = 1.333 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 6U SLUG IN TEST - 8/11/2014

Data Set: W:\...\L8FEB-6U-IN-UC.aqt

Date: 09/11/14

Time: 16:52:55

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-6U

Test Date: 08/11/14

AQUIFER DATA

Saturated Thickness: 23.9 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 6U)

Initial Displacement: 1.287 ft

Static Water Column Height: 11.1 ft

Total Well Penetration Depth: 11. ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

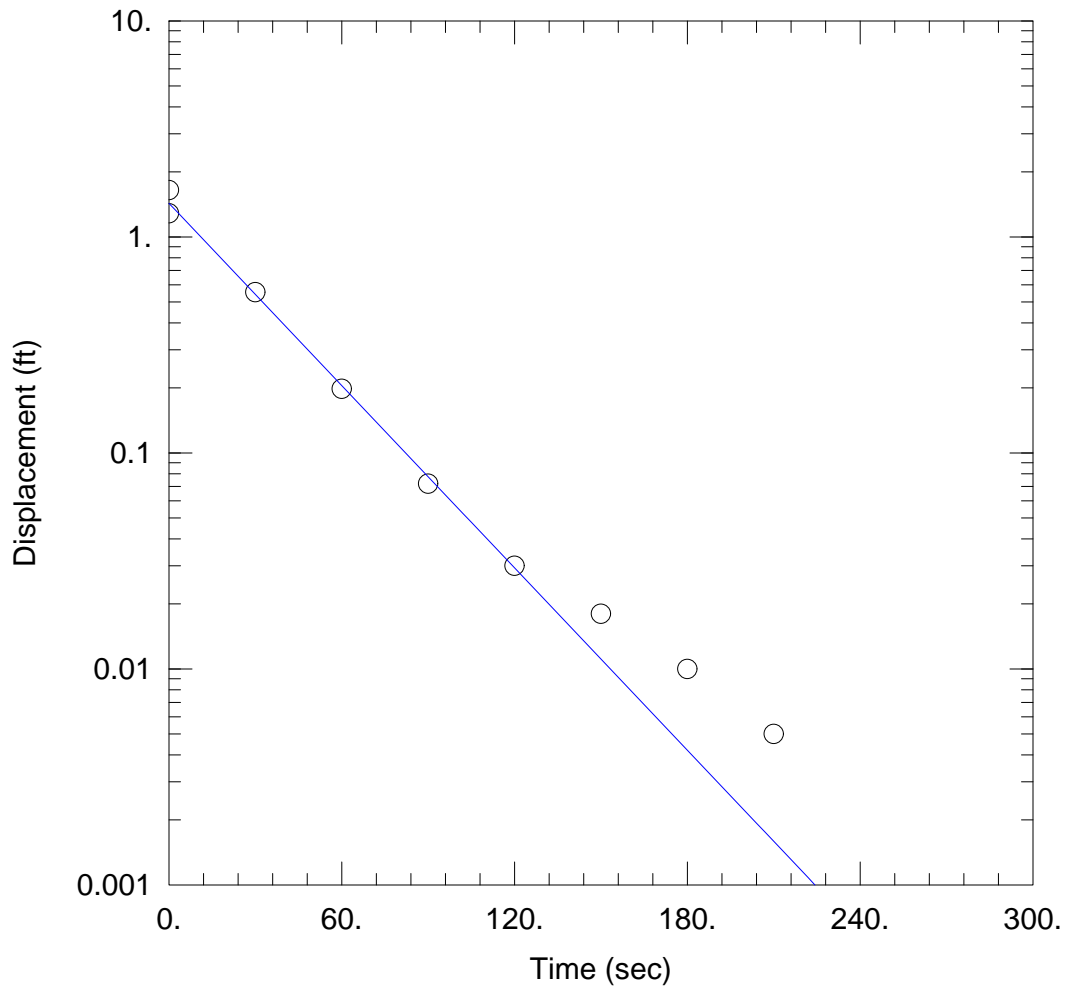
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bowser-Rice

K = 14.22 ft/day

y0 = 1.577 ft



SLUGTESTING AT L-8 FEB MONITORING WELLS - L8FEB 6U SLUG OUT TEST - 8/11/2014

Data Set: W:\...\L8FEB-6U-OUT-UC.aqt

Date: 09/11/14

Time: 16:59:22

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-6U

Test Date: 08/11/14

AQUIFER DATA

Saturated Thickness: 23.9 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 6U)

Initial Displacement: 1.287 ft

Static Water Column Height: 11.1 ft

Total Well Penetration Depth: 11. ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

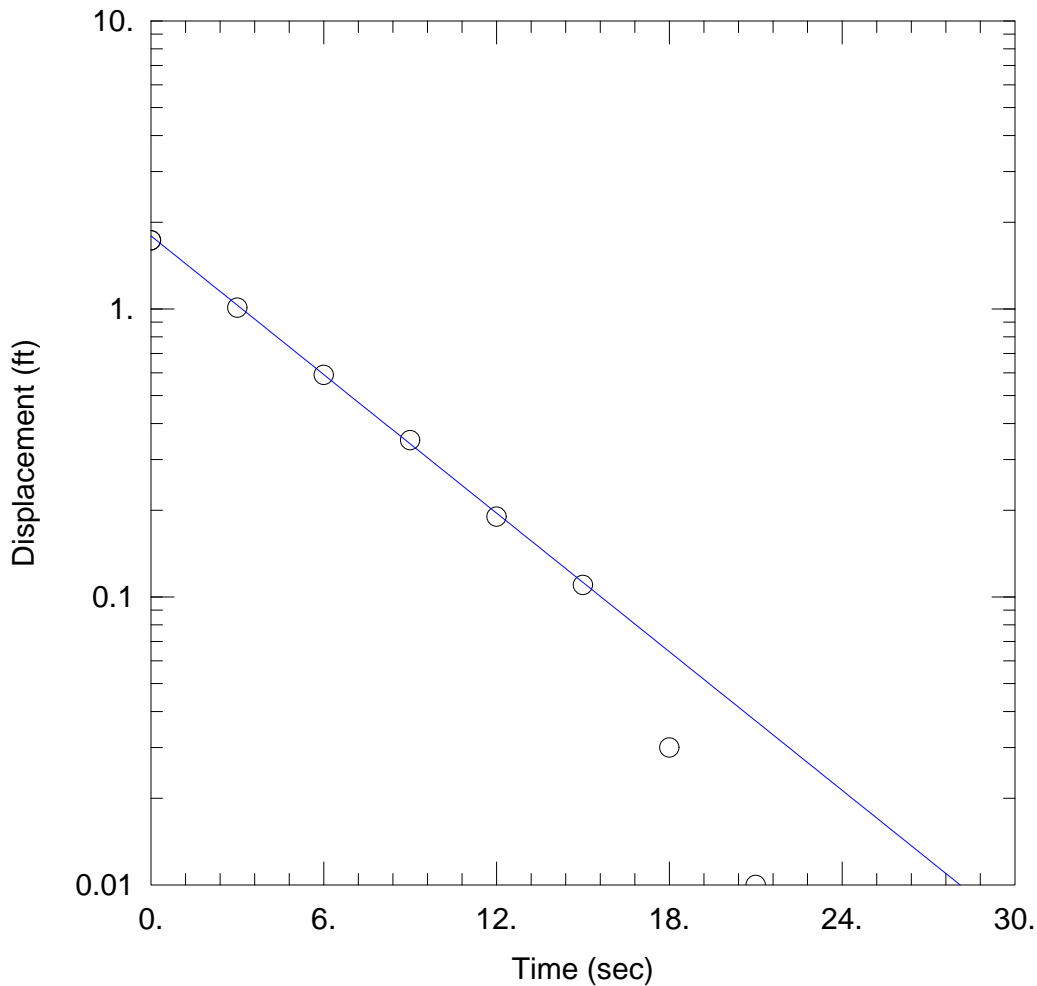
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bower-Rice

K = 7.805 ft/day

y0 = 1.431 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 7L SLUG IN TEST - 8/12/2014

Data Set: W:\...\L8FEB-7L-IN-UC.aqt

Date: 09/11/14

Time: 16:59:54

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-7L

Test Date: 08/12/14

AQUIFER DATA

Saturated Thickness: 187.7 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 7L)

Initial Displacement: 1.73 ft

Static Water Column Height: 31.36 ft

Total Well Penetration Depth: 31.4 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.08333 ft

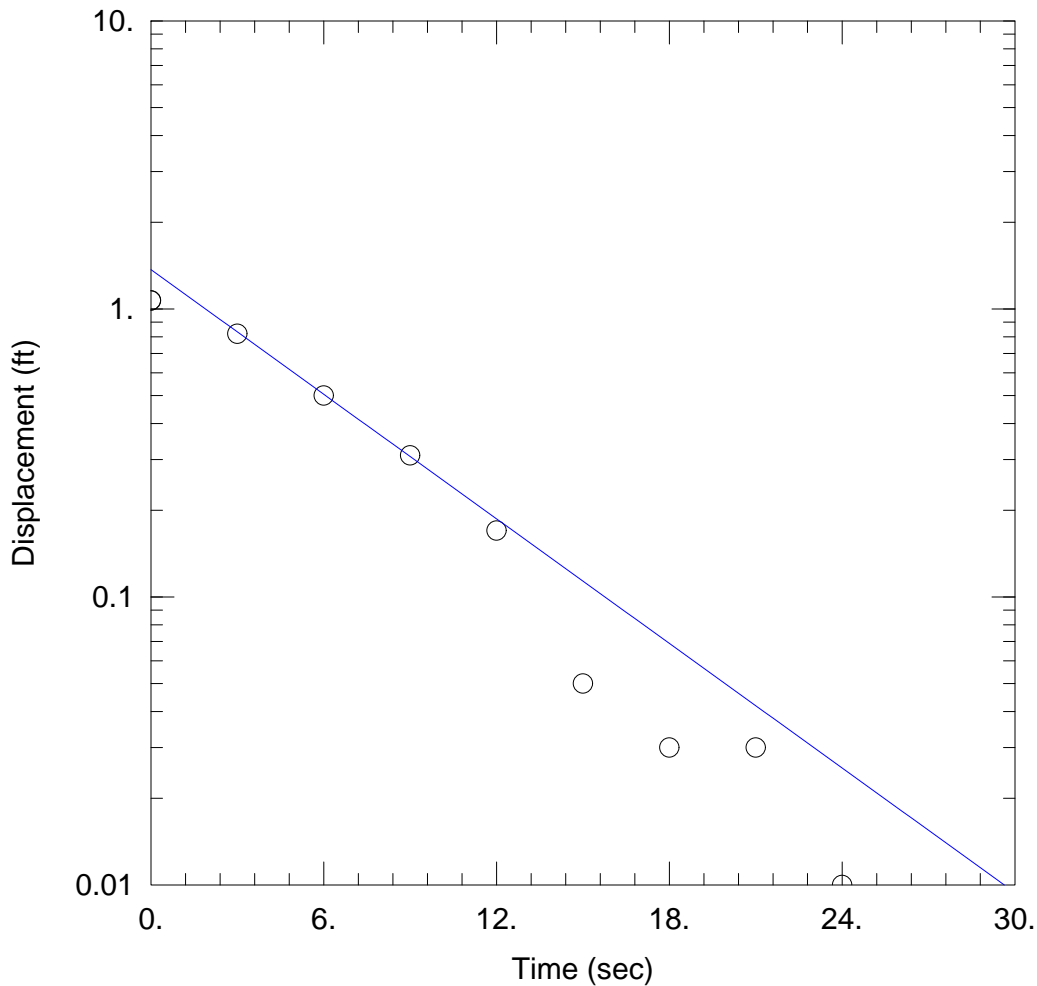
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bowser-Rice

K = 49.91 ft/day

y0 = 1.792 ft



SLUG TESTING AT L-8 FEB MONITORING WELLS - L8FEB 7L SLUG OUT TEST - 8/12/2014

Data Set: W:\...\L8FEB-7L-OUT-UC.aqt

Date: 09/11/14

Time: 17:00:26

PROJECT INFORMATION

Company: Gannett Fleming, Inc.

Client: SFWMD

Project: 059239

Location: L-8

Test Well: L8FEB-7L

Test Date: 08/12/14

AQUIFER DATA

Saturated Thickness: 187.7 ft

Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (L8FEB 7L)

Initial Displacement: 1.07 ft

Static Water Column Height: 31.36 ft

Total Well Penetration Depth: 31.4 ft

Screen Length: 5. ft

Casing Radius: 0.08333 ft

Well Radius: 0.0833 ft

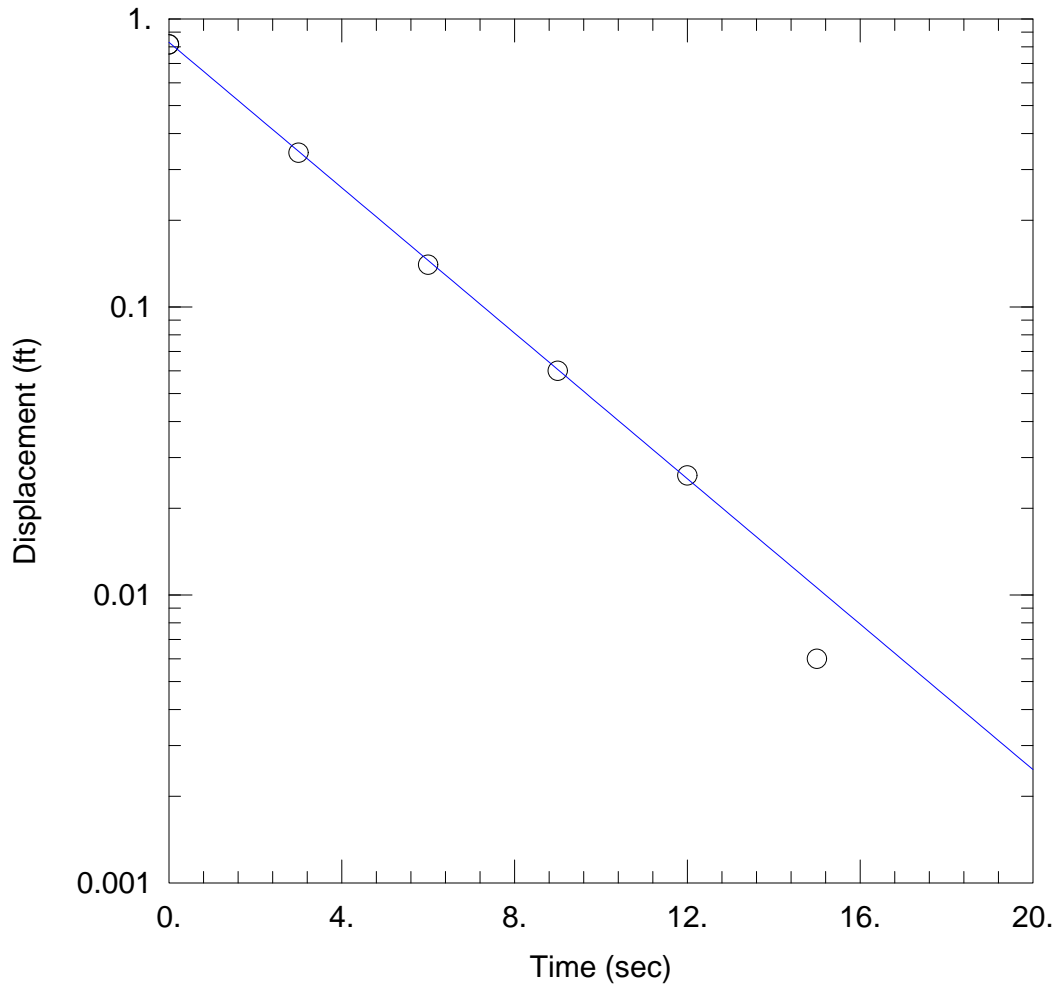
SOLUTION

Aquifer Model: Unconfined

Solution Method: Bouwer-Rice

K = 44.87 ft/day

y0 = 1.369 ft



SLUG TESTING AT L-8 MONITORING WELLS - L8PZ 8B SLUG IN TEST - 8/15/2014

Data Set: W:\433\Active Jobs\59239 SFWMD L-8\05 Working\Field Testing\Slug Test\PZ-8B-IN-UC.aqt
 Date: 09/11/14 Time: 17:00:50

PROJECT INFORMATION

Company: Gannett Fleming, Inc.
 Client: SFWMD
 Project: 059239
 Location: L-8
 Test Well: PZ-8B
 Test Date: 08/15/14

AQUIFER DATA

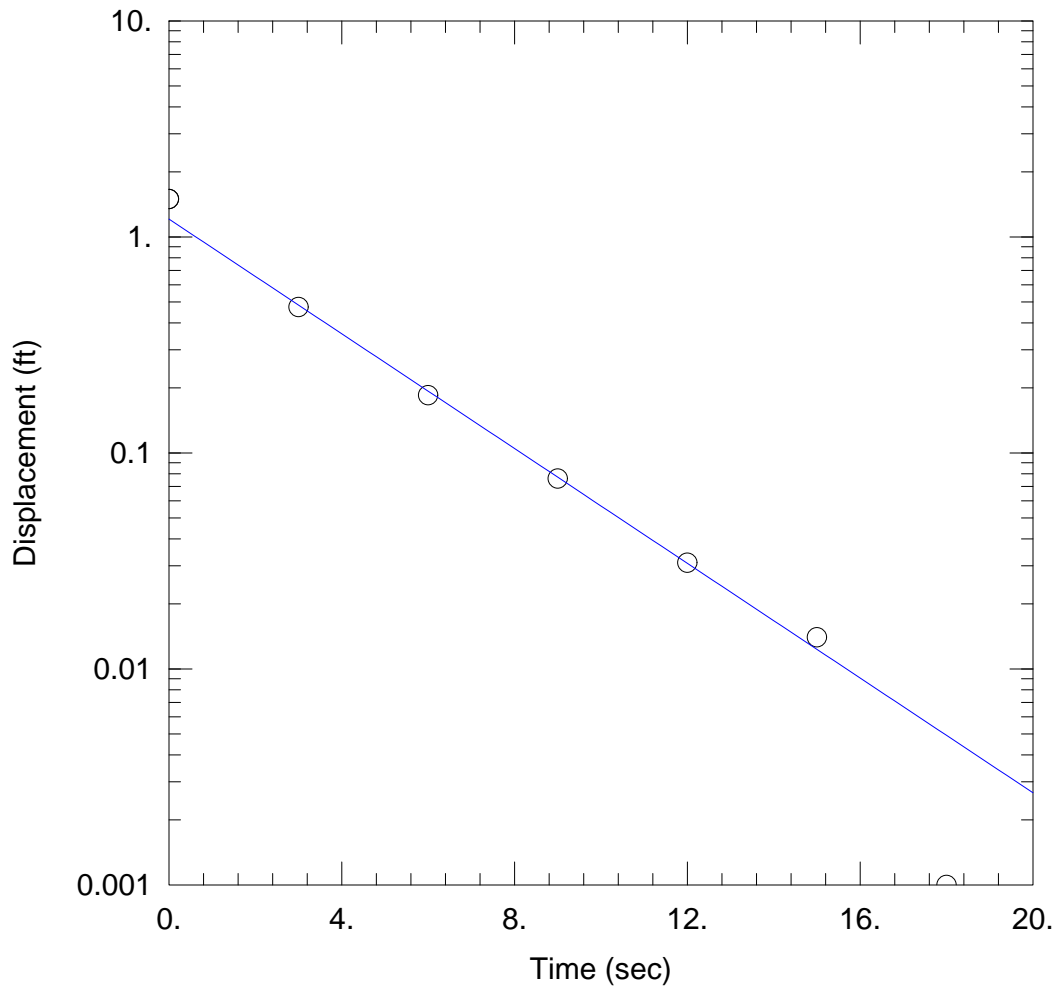
Saturated Thickness: 18.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (PZ-8B)

Initial Displacement: 0.815 ft Static Water Column Height: 15. ft
 Total Well Penetration Depth: 14.8 ft Screen Length: 5. ft
 Casing Radius: 0.08333 ft Well Radius: 0.08333 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bower-Rice
 K = 74.5 ft/day y0 = 0.8295 ft



SLUG TESTING AT L-8 MONITORING WELLS - L8PZ 8B SLUG OUT TEST - 8/15/2014

Data Set: W:\...\PZ-8B-OUT-UC.aqt
 Date: 09/11/14

Time: 17:01:26

PROJECT INFORMATION

Company: Gannett Fleming, Inc.
 Client: SFWMD
 Project: 059239
 Location: L-8
 Test Well: PZ-8B
 Test Date: 08/15/14

AQUIFER DATA

Saturated Thickness: 18.4 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (PZ-8B)

Initial Displacement: 1.498 ft Static Water Column Height: 15. ft
 Total Well Penetration Depth: 14.8 ft Screen Length: 5. ft
 Casing Radius: 0.08333 ft Well Radius: 0.08333 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bower-Rice
 K = 78.35 ft/day y0 = 1.209 ft