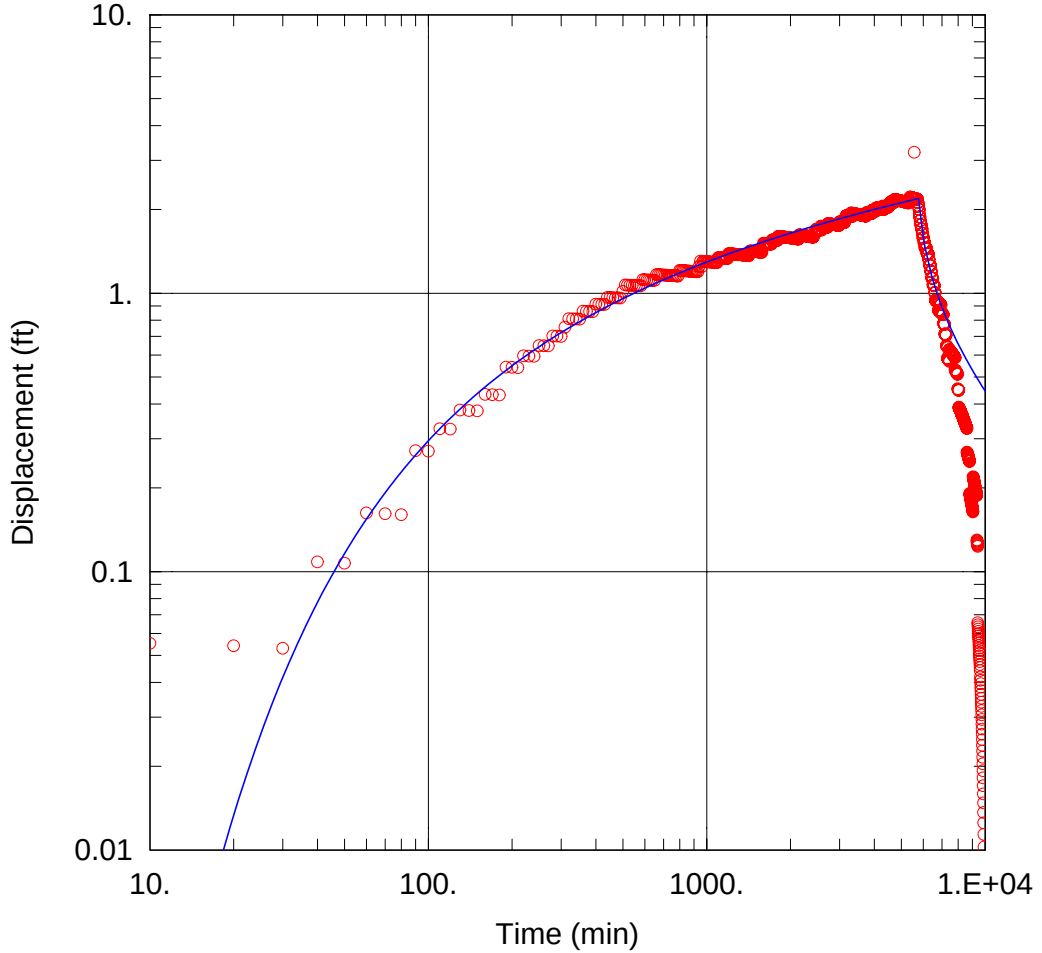
APPENDIX C

Curve-Matching Analyses Plots

EW-1 PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-1 PB TO EW-5 (TC).aqt
Date: 02/06/04 Time: 04:01:32

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 6.187E+04 ft^2/day
S = 0.0007059
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

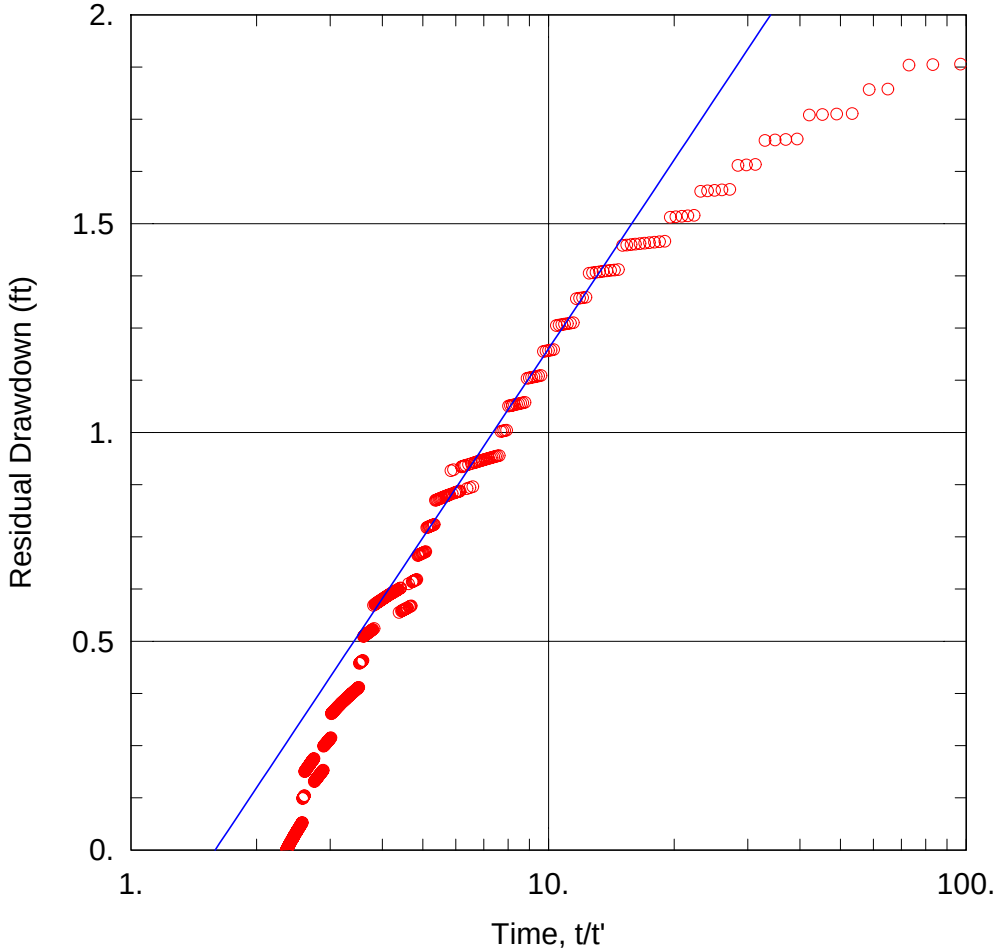
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-1 PB	6775521.8	1866594.1

EW-1 PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-1 PB TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:00:52

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.956E+04 ft^2/day
S/S' = 1.591

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

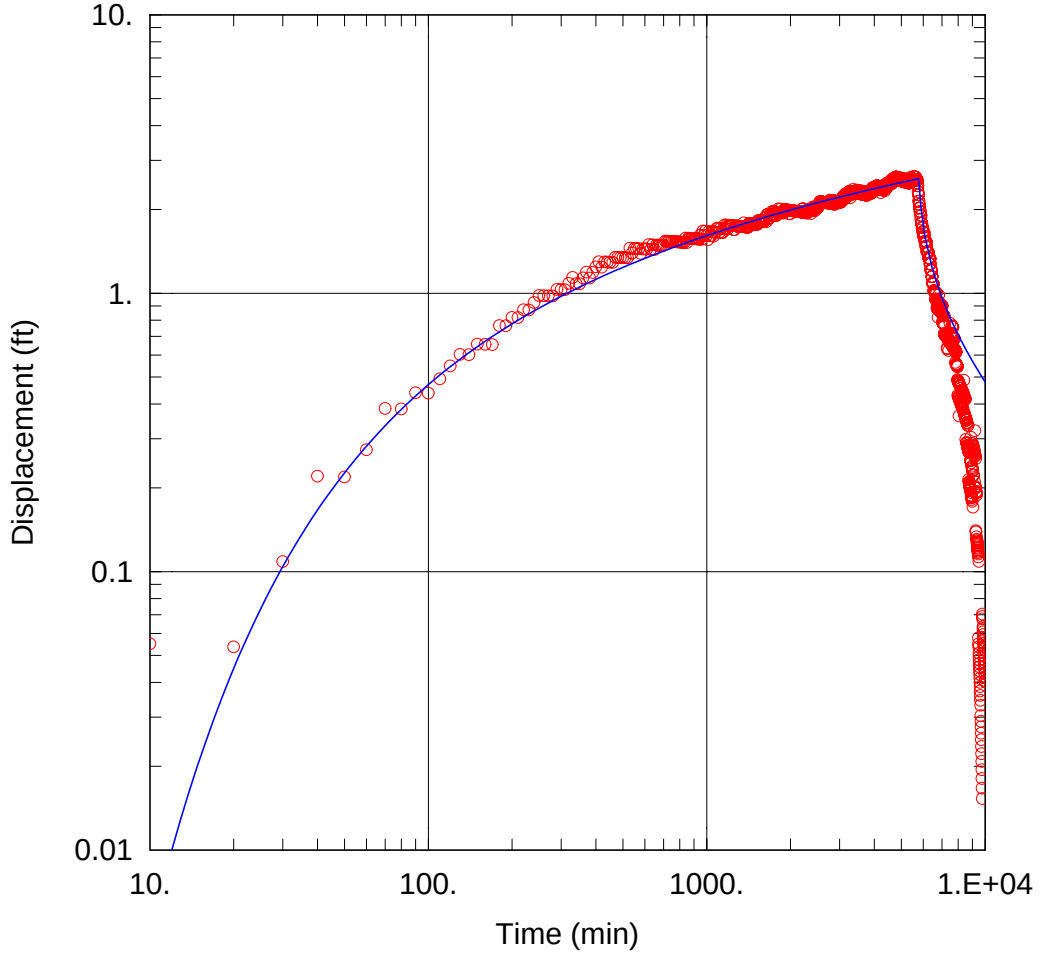
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-1 PB	6775521.8	1866594.1

EW-2 PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-2 PB TO EW-5 (TC).aqt
Date: 02/06/04 Time: 04:02:38

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.76E+04 ft^2/day
S = 0.000823
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

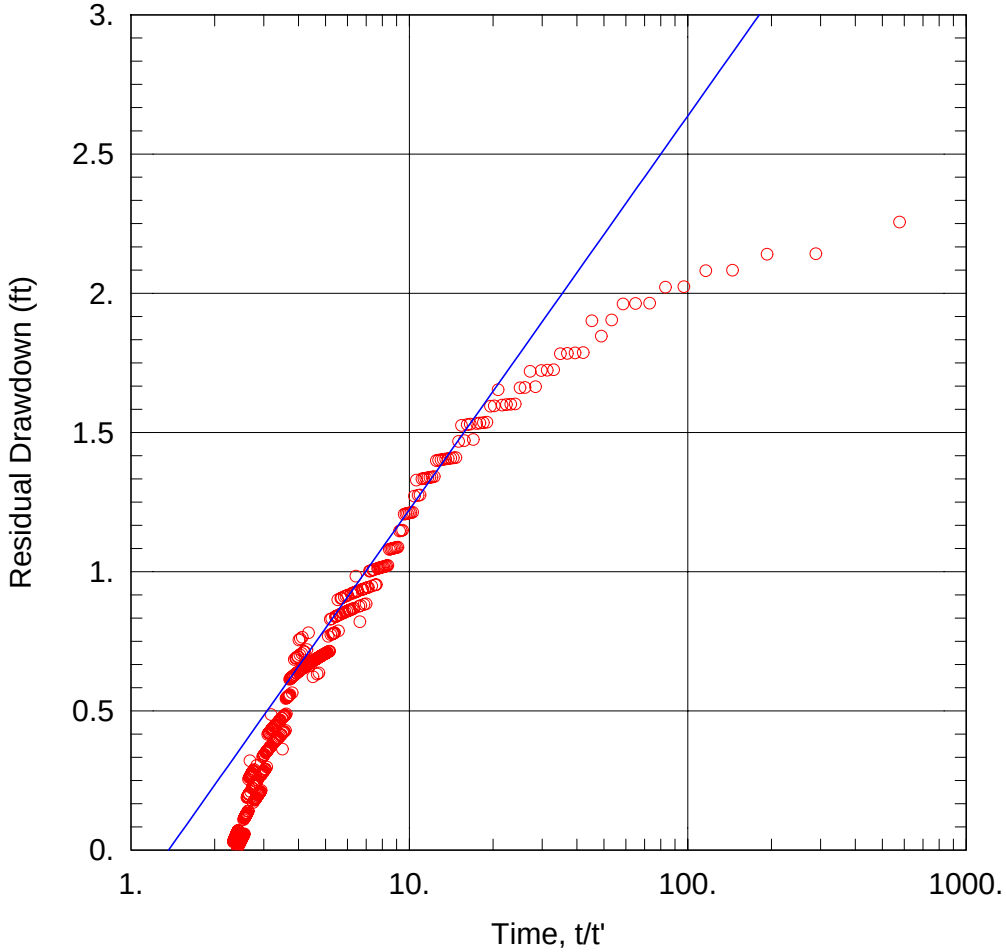
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-2 PB	6776471.8	1866741.9

EW-2 PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-2 PB TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:02:04

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 5.269E+04 ft^2/day
S/S' = 1.366

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

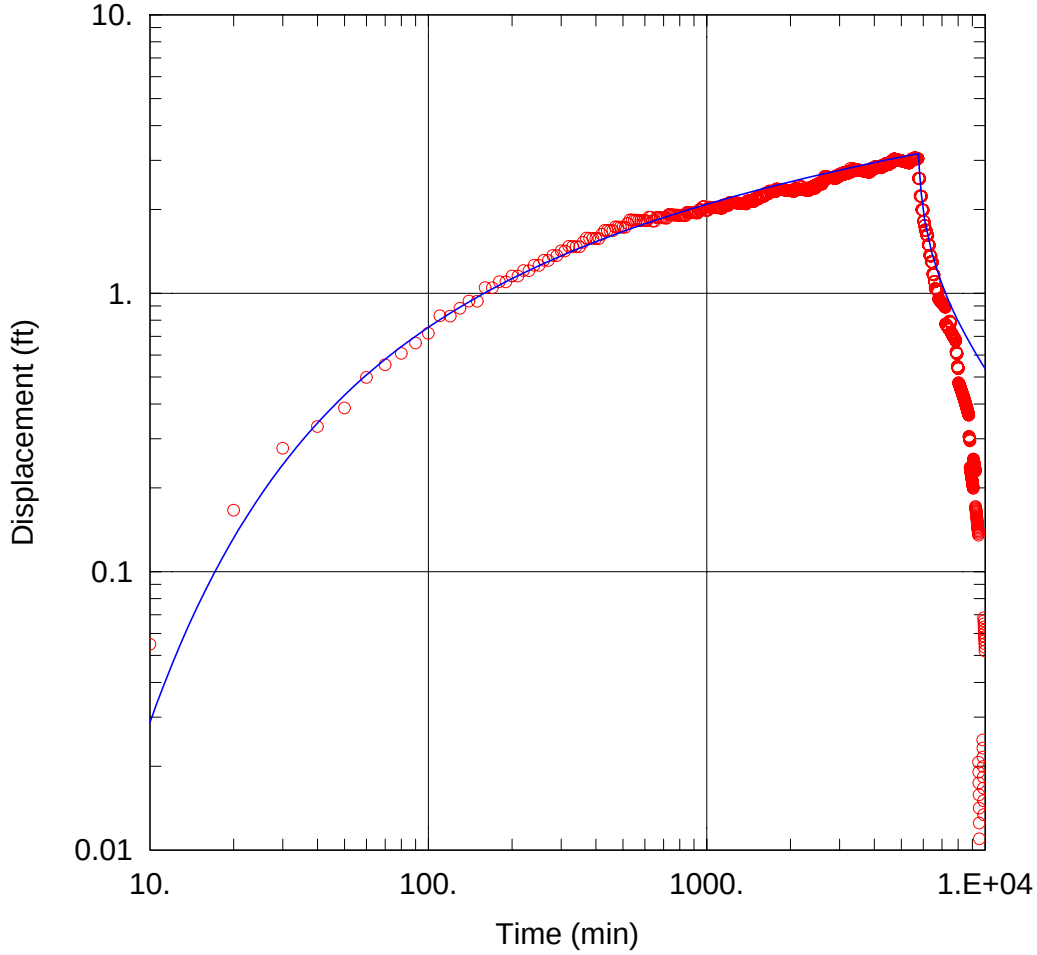
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-2 PB	6776471.8	1866741.9

EW-3 PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-3 PB TO EW-5 (TC).aqt
Date: 02/06/04 Time: 04:03:49

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.166E+04 ft^2/day
S = 0.0008471
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

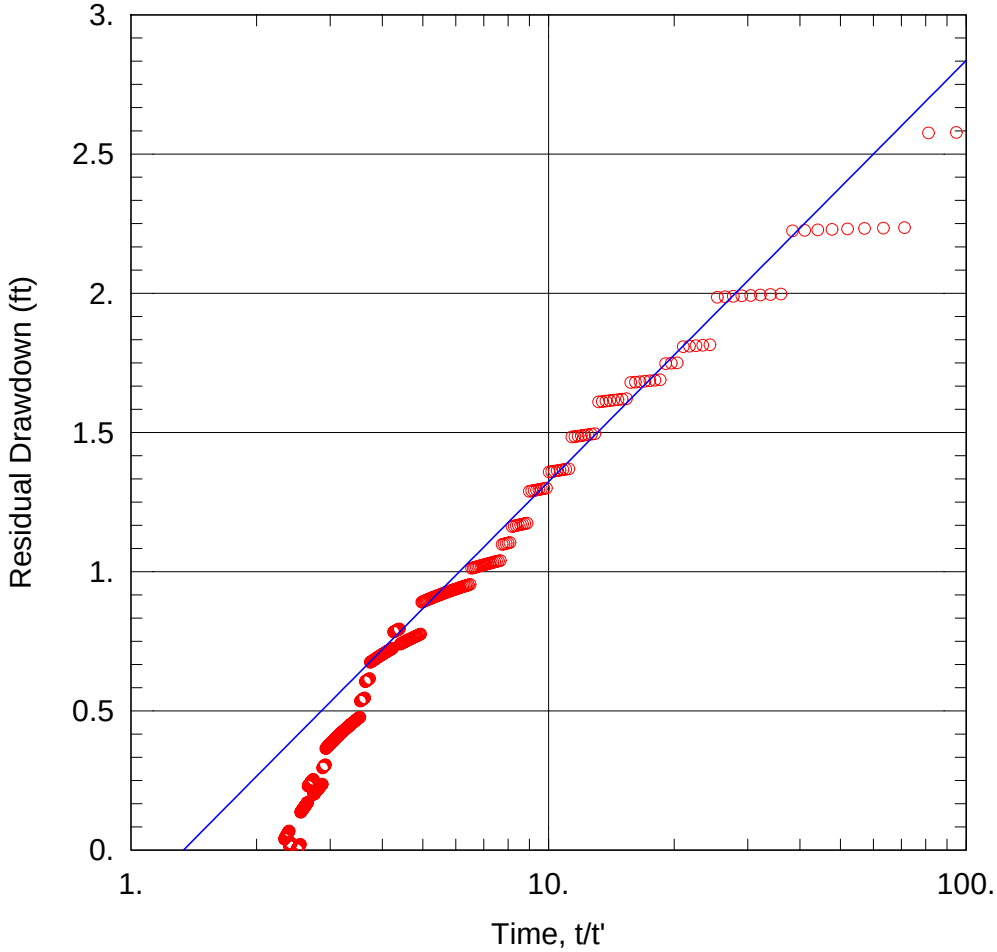
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-3 PB	6777151.5	1866775.6

EW-3 PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-3 PB TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:03:10

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.925E+04 ft^2/day
S/S' = 1.336

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

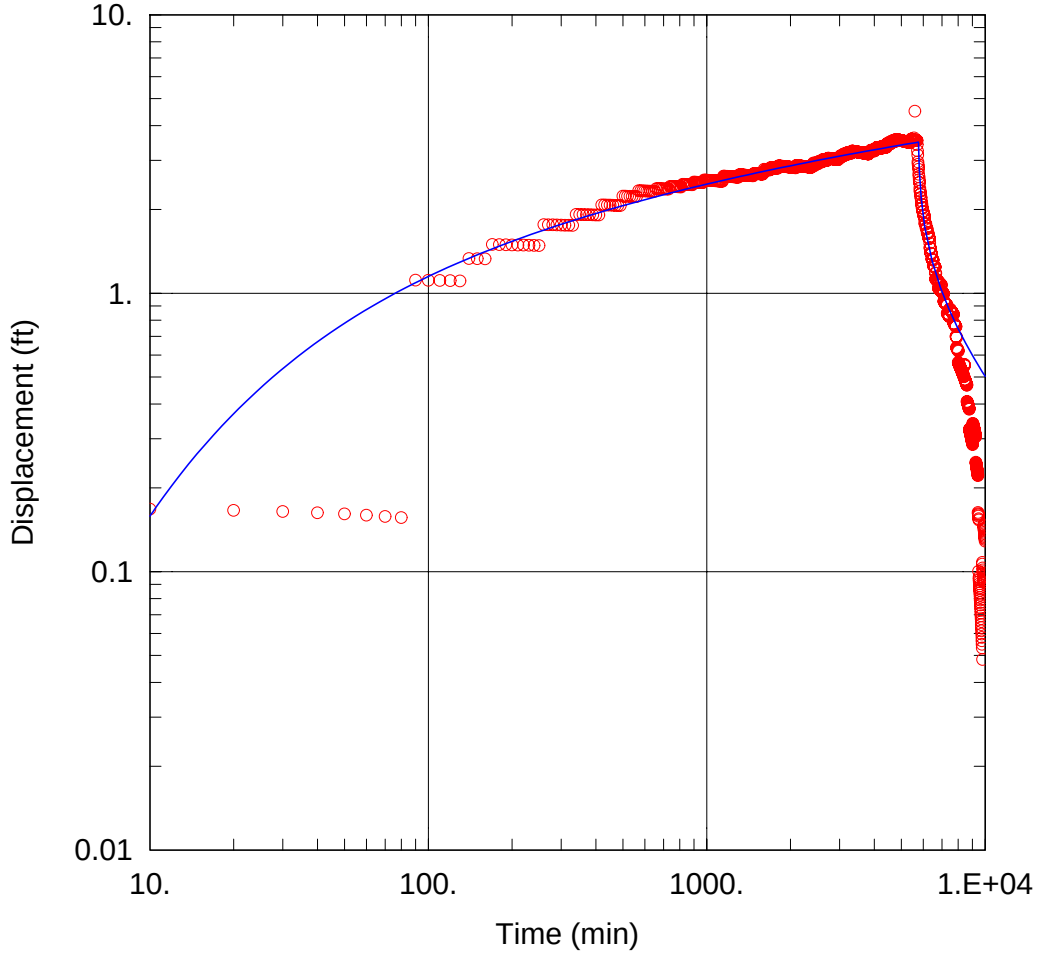
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-3 PB	6777151.5	1866775.6

EW-4 PB Response to EW-5 Pumping - w/Partial Penetration

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-4 PB TO EW-5 (TC) PP.aqt
Date: 02/06/04 Time: 04:08:42

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.517E+04 ft^2/day
S = 0.0009178
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

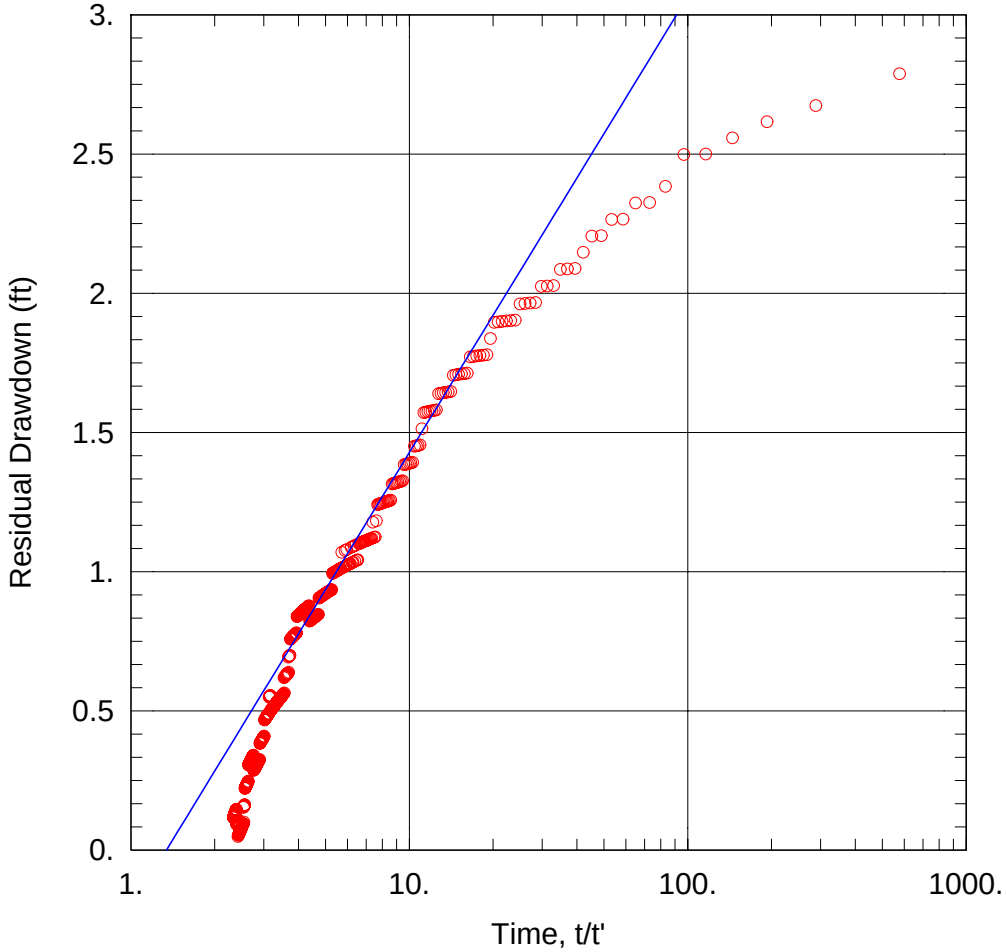
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-4 PB	6777956.9	1866565.8

EW-4 PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-4 PB TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:09:07

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.551E+04 ft^2/day
S/S' = 1.342

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

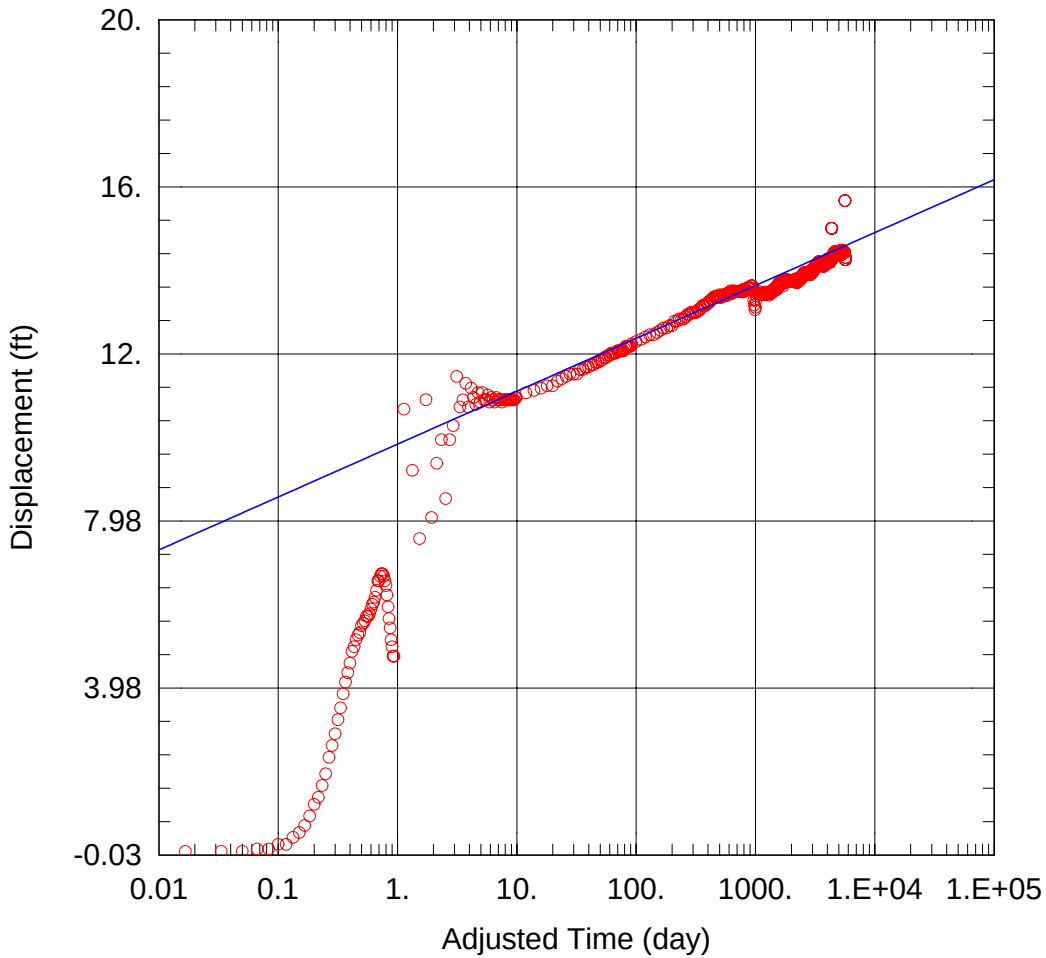
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-4 PB	6777956.9	1866565.8

EW-5PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-5 PB TO EW-5 (TC).aqt
Date: 02/06/04 Time: 04:09:38

SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Jacob

T = 5.875E+04 ft^2/day
S = 0.002025

AQUIFER DATA

Saturated Thickness: 780. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

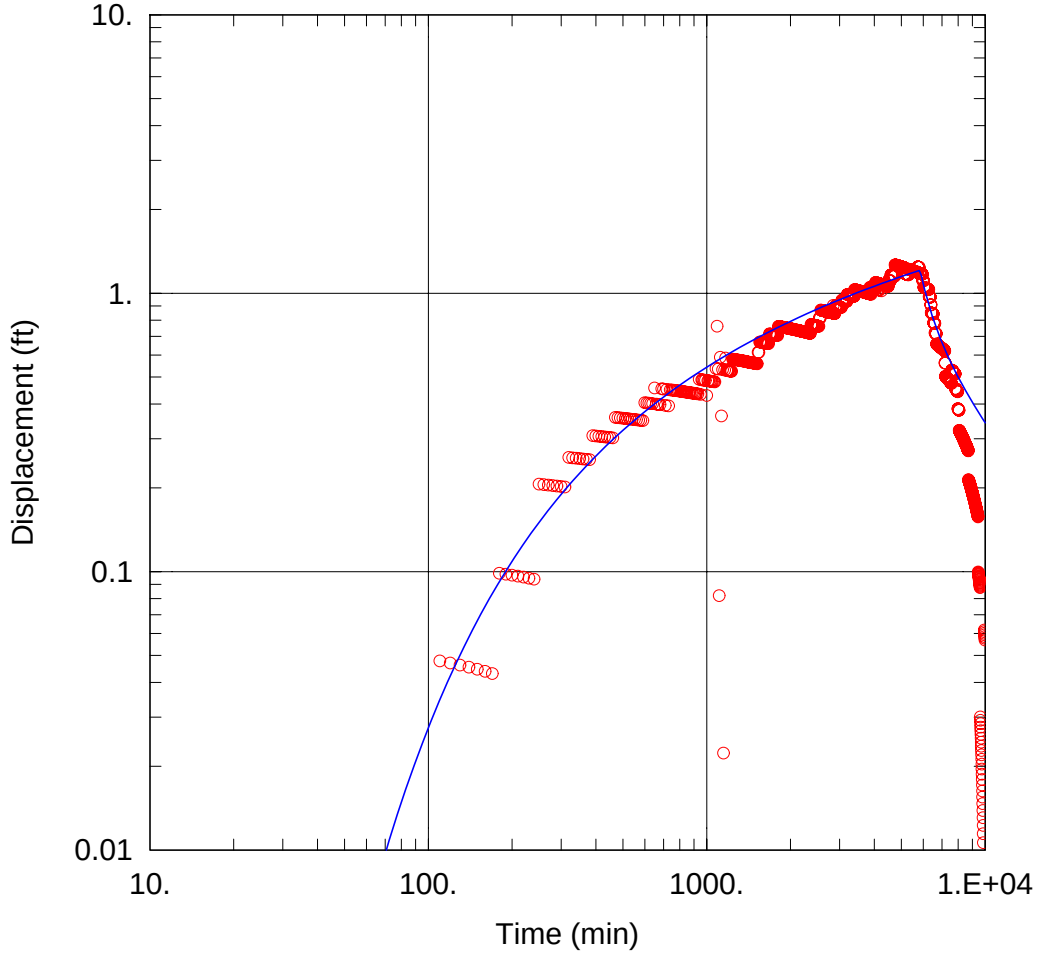
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-5	6778997.9	1866535.5

EW-108 PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-108 PB TO EW-5 (TC).aqt
Date: 02/06/04 Time: 04:10:46

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 7.879E+04 ft^2/day
S = 0.001315
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

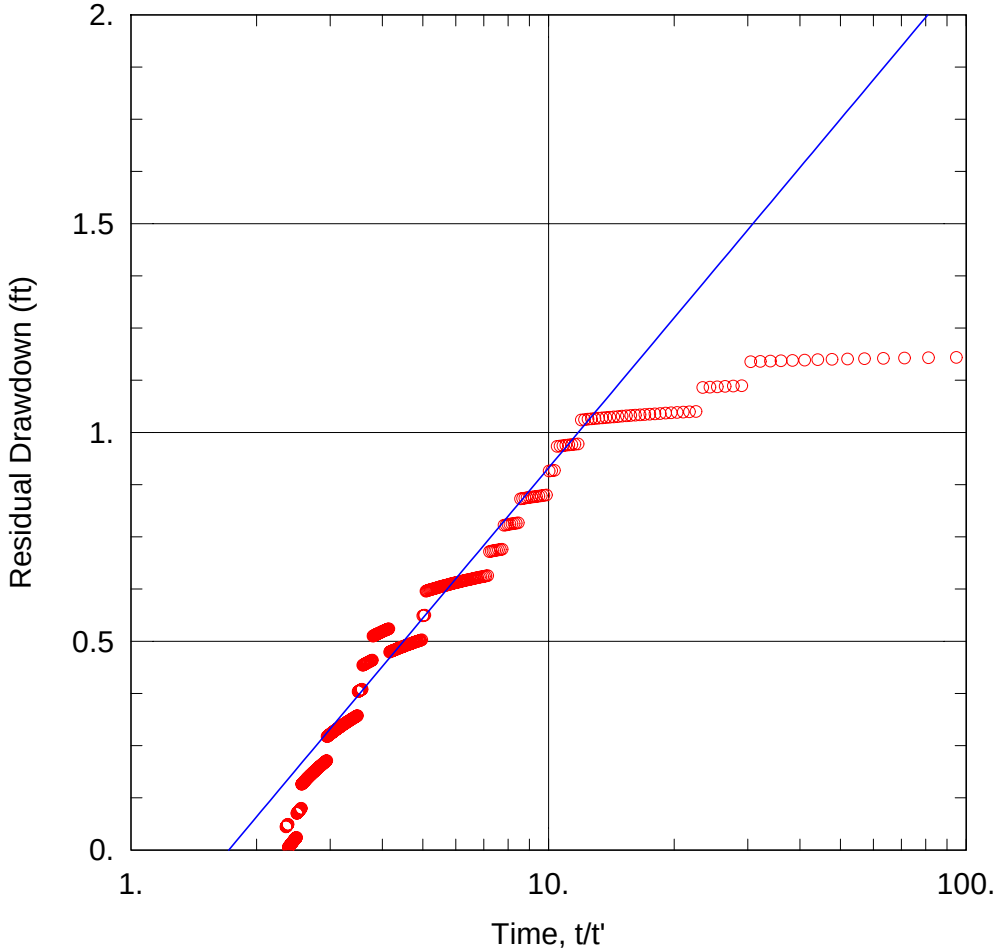
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-108 PB	6773788.1	1868089.7

EW-108 PB Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\EW-108 PB TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:10:03

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 6.237E+04 ft^2/day
S/S' = 1.715

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

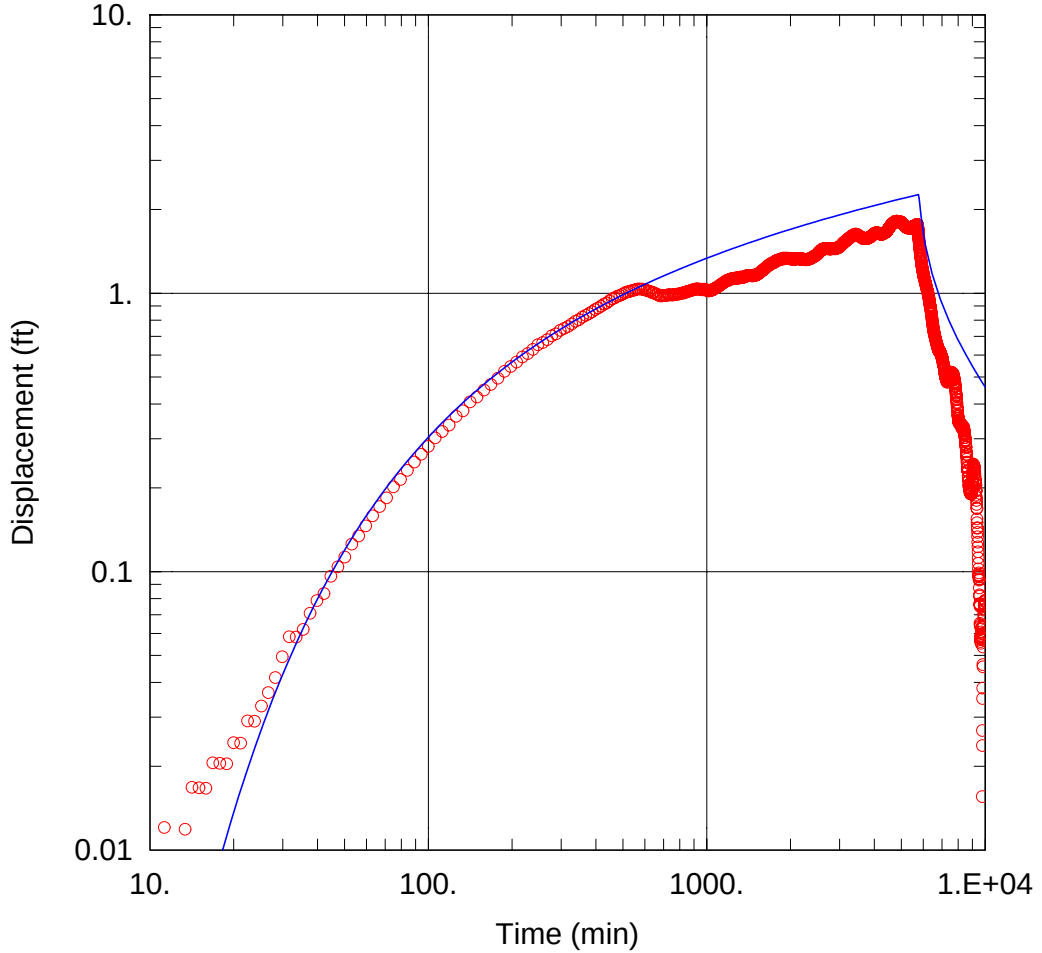
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ EW-108 PB	6773788.1	1868089.7

MW-10B Response to EW-5 - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc	SBMWD
Project:	**Location:**
Newmark Superfund Site	Sna Bernardino, CA



Data Set: J:\...\MW-10B TO EW-5 (TC).AQT
Date: 02/06/04 Time: 04:13:29

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.988E+04 ft^2/day
S = 0.000676
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

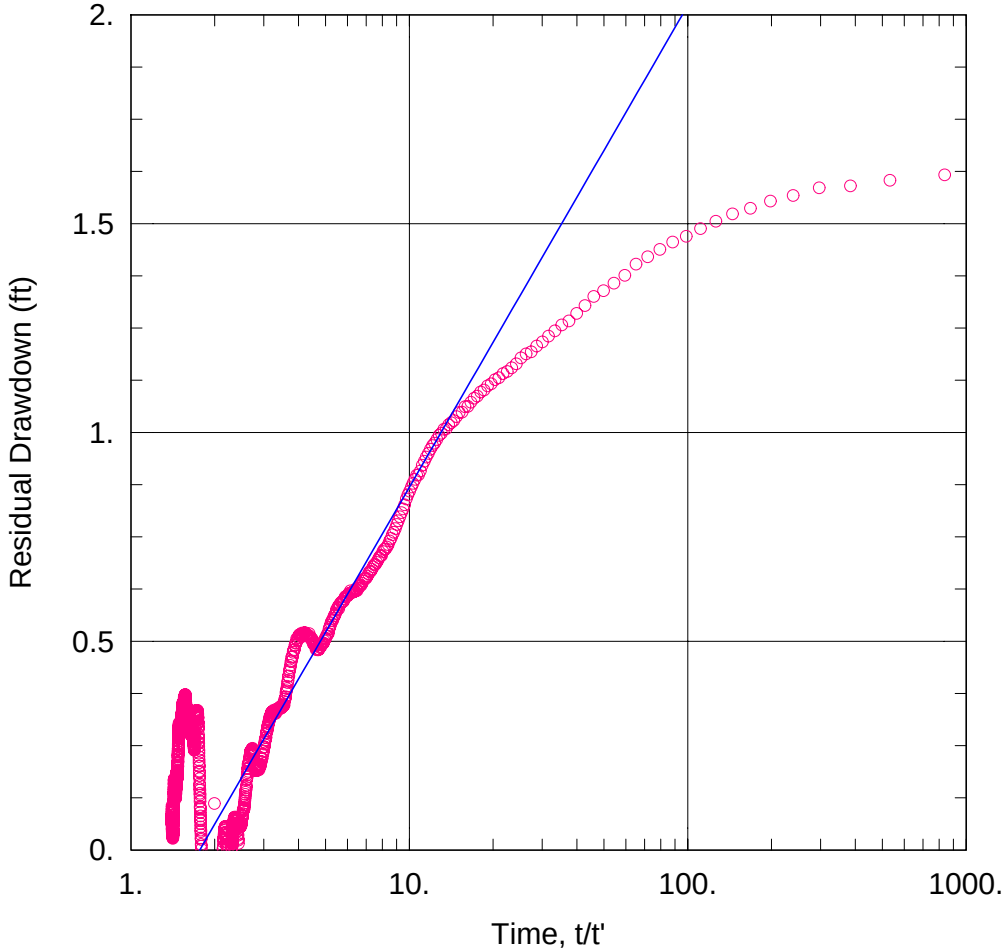
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-10B(TC)	6776744.3	1869213.2

MW-10B Response to EW-5 - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc	SBMWD
Project:	**Location:**
Newmark Superfund Site	Sna Bernardino, CA



Data Set: J:\...\MW-10B TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:13:03

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 6.458E+04 ft^2/day
S/S' = 1.767

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

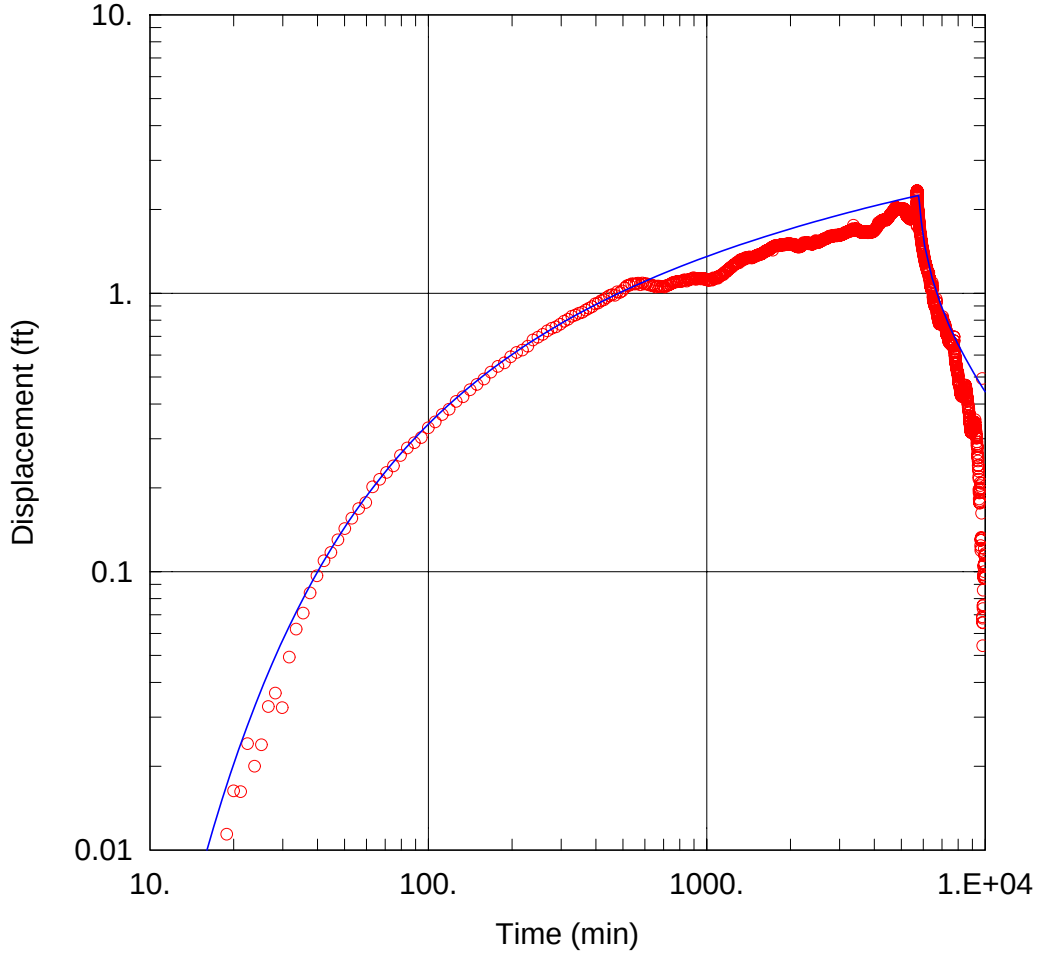
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-10B(TC)	6776744.3	1869213.2

MW-10C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark superfund Site	San Bernardino, CA



Data Set: J:\...\MW-10C TO EW-5 (TC).AQT
Date: 02/06/04 Time: 04:14:18

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 6.226E+04 ft^2/day
S = 0.0006103
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

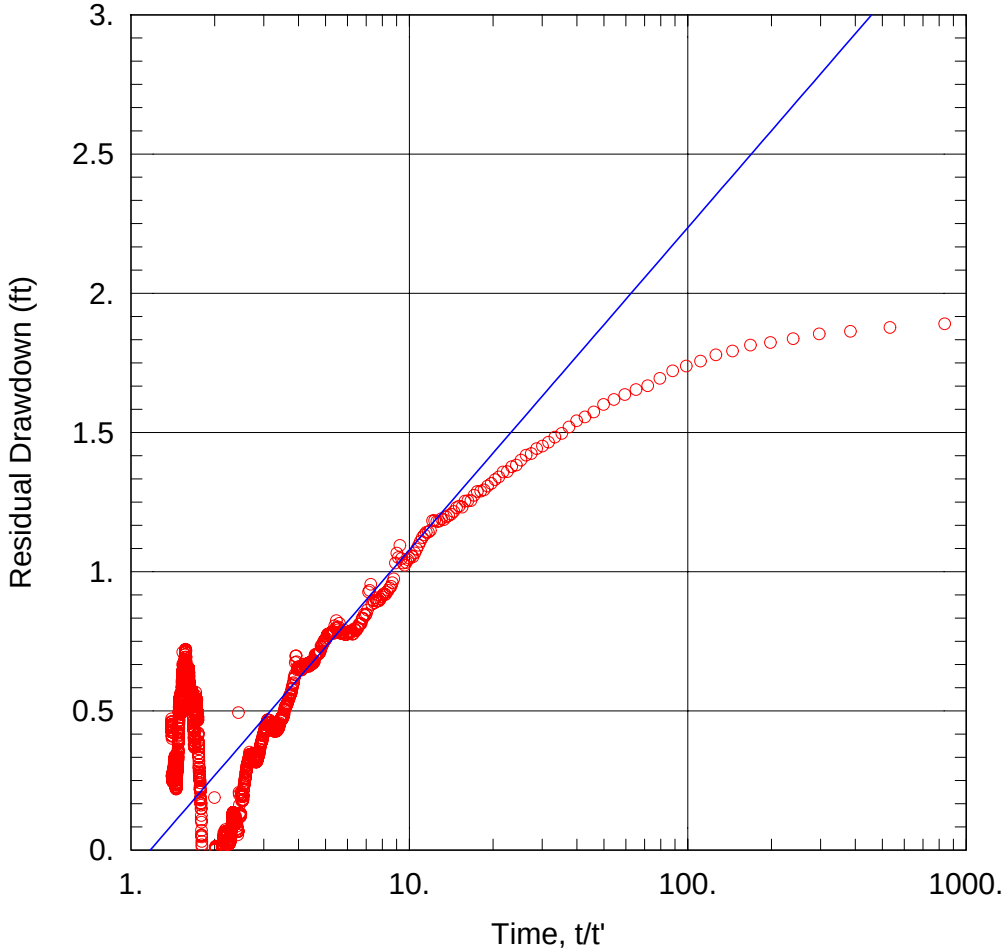
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-10C (TC)	6776744.3	1869213.2

MW-10C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark superfund Site	San Bernardino, CA



Data Set: J:\...\MW-10C TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:13:56

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 6.435E+04 ft^2/day
S/S' = 1.174

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

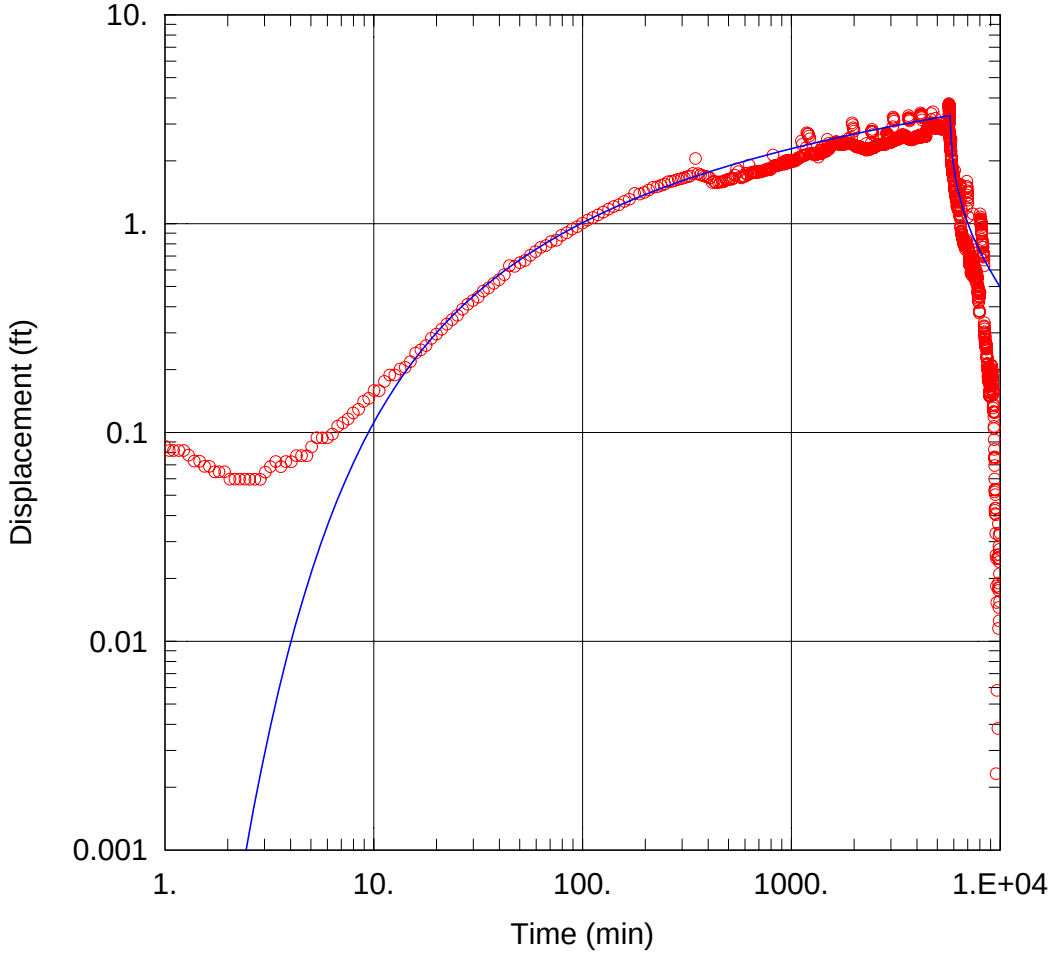
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-10C (TC)	6776744.3	1869213.2

MW-11A Response to EW-5 Pumping - Trend Corrected Data - w/Partial Penetration

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-11A TO EW-5 (TC).AQT
Date: 02/06/04 Time: 04:15:56

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.574E+04 ft^2/day
S = 0.0006484
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

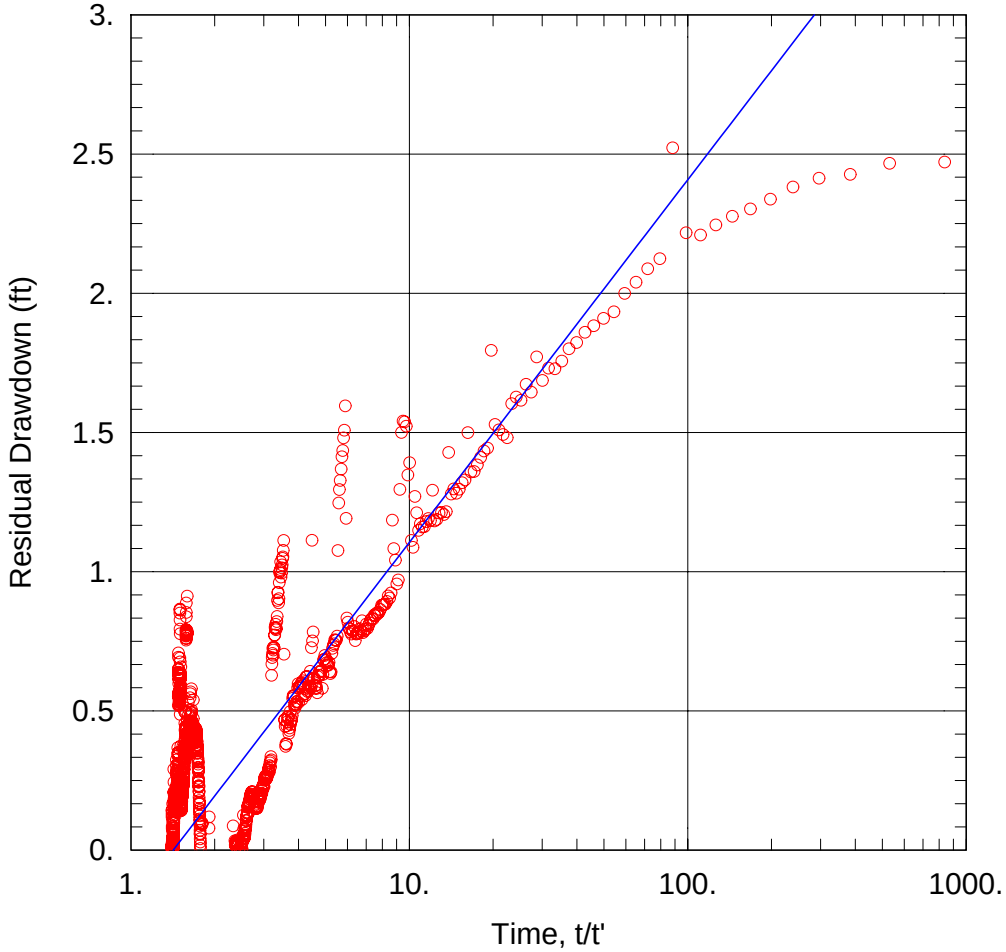
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-11A	6777619.2	1867493.1

MW-11A Response to EW-5 Pumping - Trend Corrected Data - w/Partial Penetration

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-11A TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:15:17

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 5.72E+04 ft^2/day
S/S' = 1.42

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

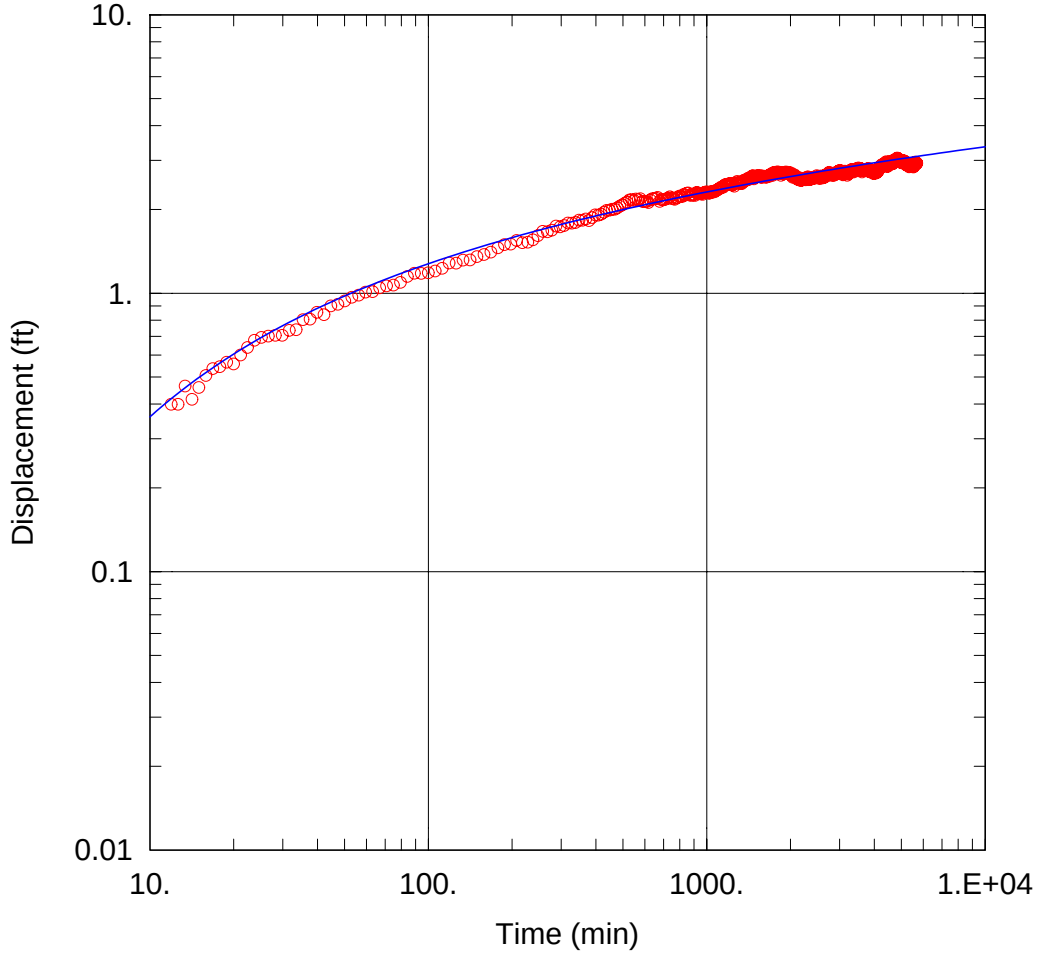
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-11A	6777619.2	1867493.1

MW-11C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Benranrdino, CA



Data Set: J:\...\MW-11C TO EW-5 (TC).AQT
Date: 02/06/04 Time: 04:16:21

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 7.108E+04 ft^2/day
S = 0.0002465
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

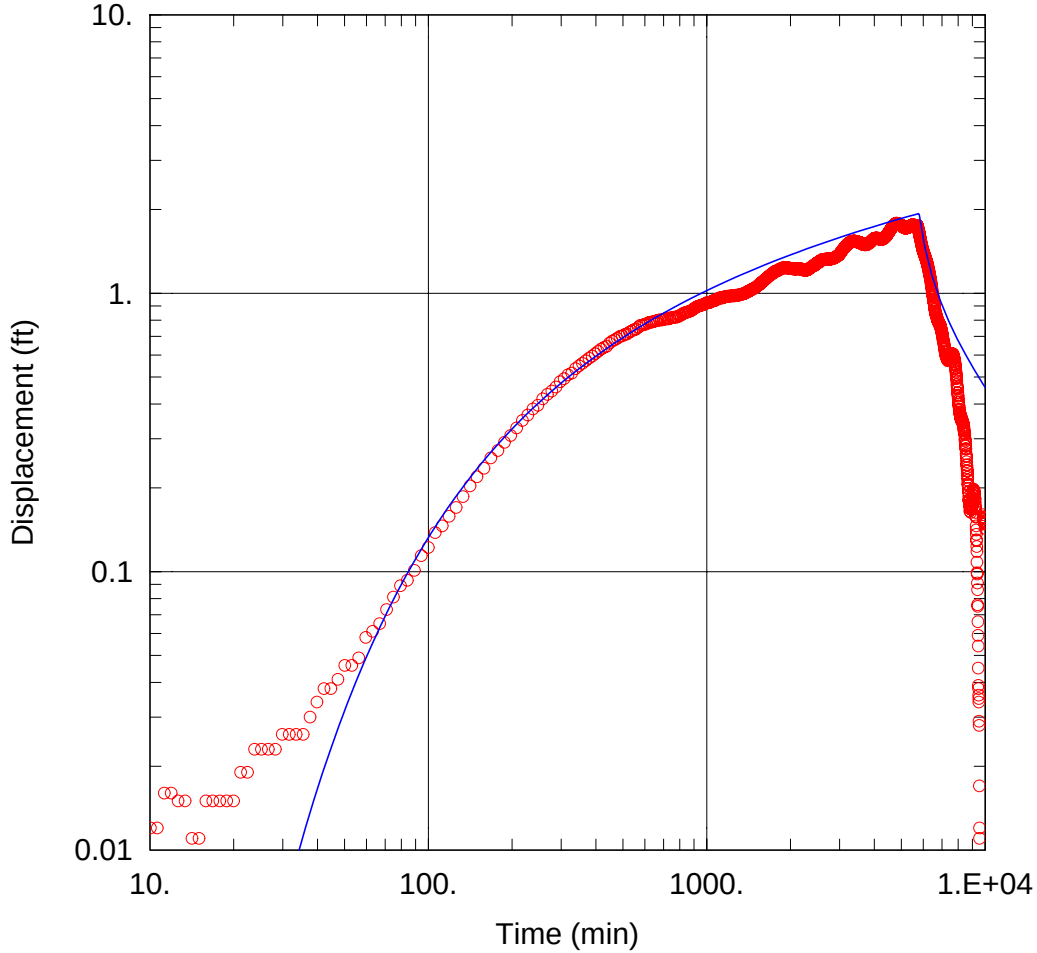
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-11C (TC)	6777619.2	1867493.1

MW-12B Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-12B TO EW-5 (TC).AQT
Date: 02/06/04 Time: 04:17:20

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.958E+04 ft^2/day
S = 0.0009039
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

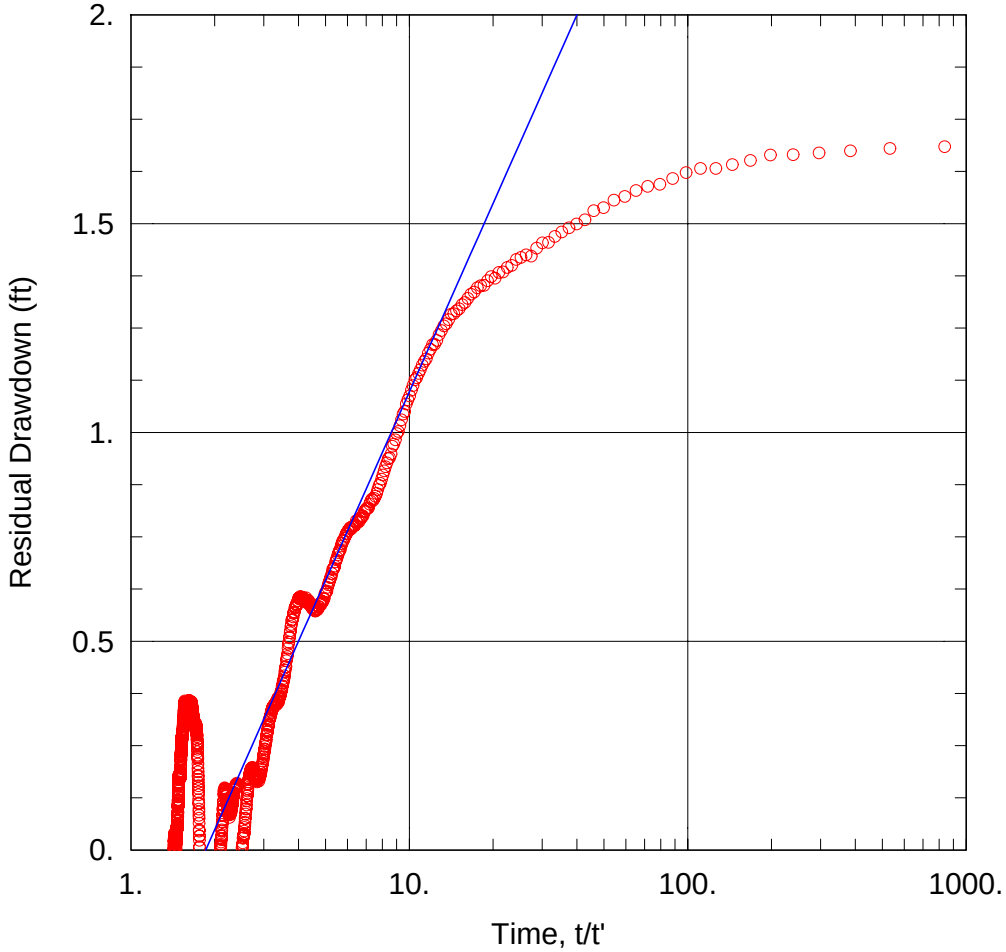
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-12B (TC)	6774893.7	1865969.3

MW-12B Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-12B TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:16:48

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.968E+04 ft^2/day
S/S' = 1.856

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

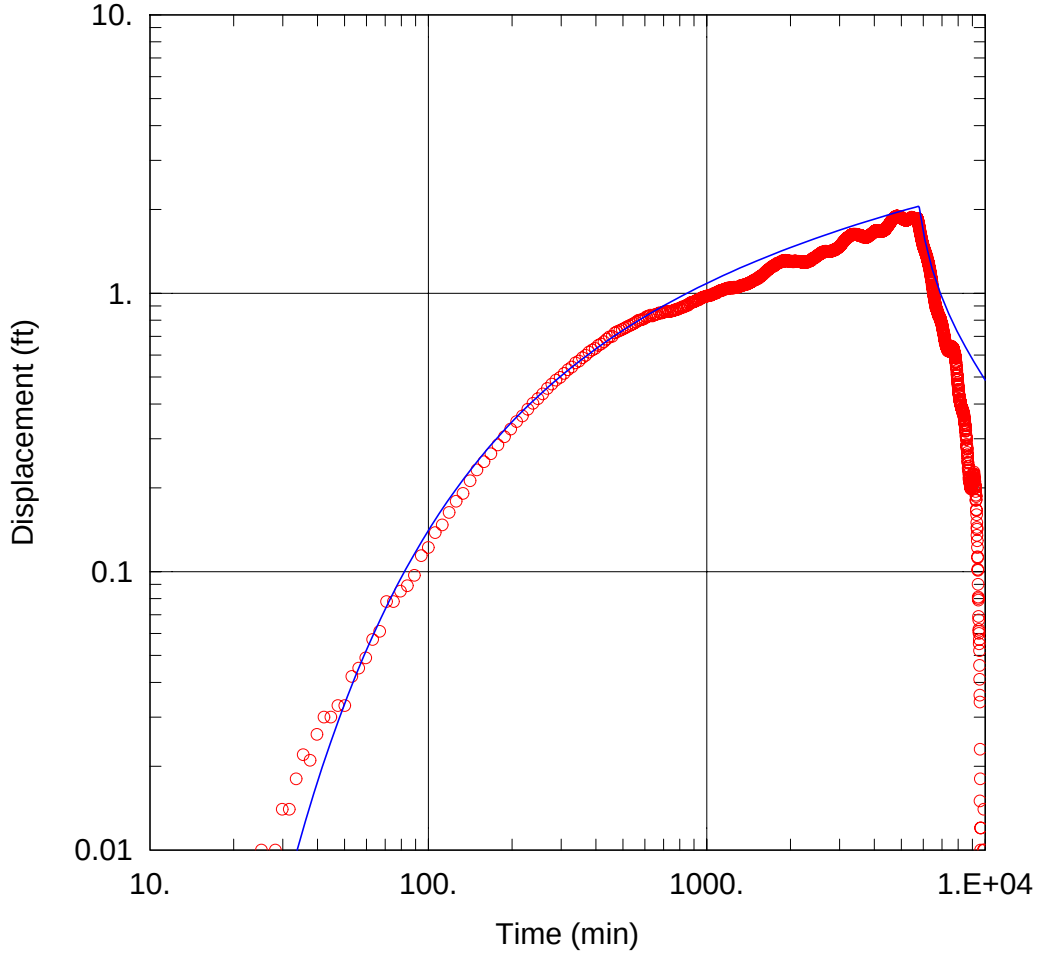
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-12B (TC)	6774893.7	1865969.3

MW-12C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-12C TO EW-5 (TC).AQT
Date: 02/06/04 Time: 04:18:10

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.604E+04 ft^2/day
S = 0.0008517
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

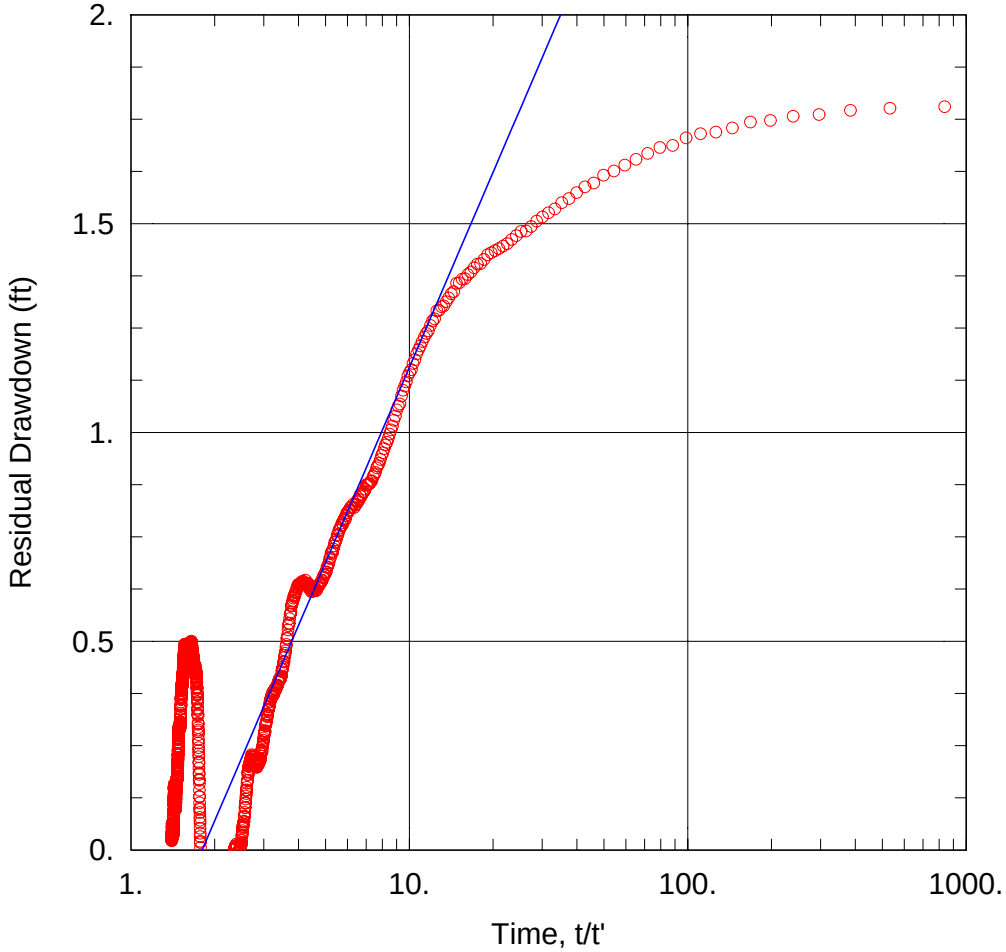
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-12C (TC)	6774893.7	1865969.3

MW-12C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-12C TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:17:46

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.798E+04 ft^2/day
S/S' = 1.803

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

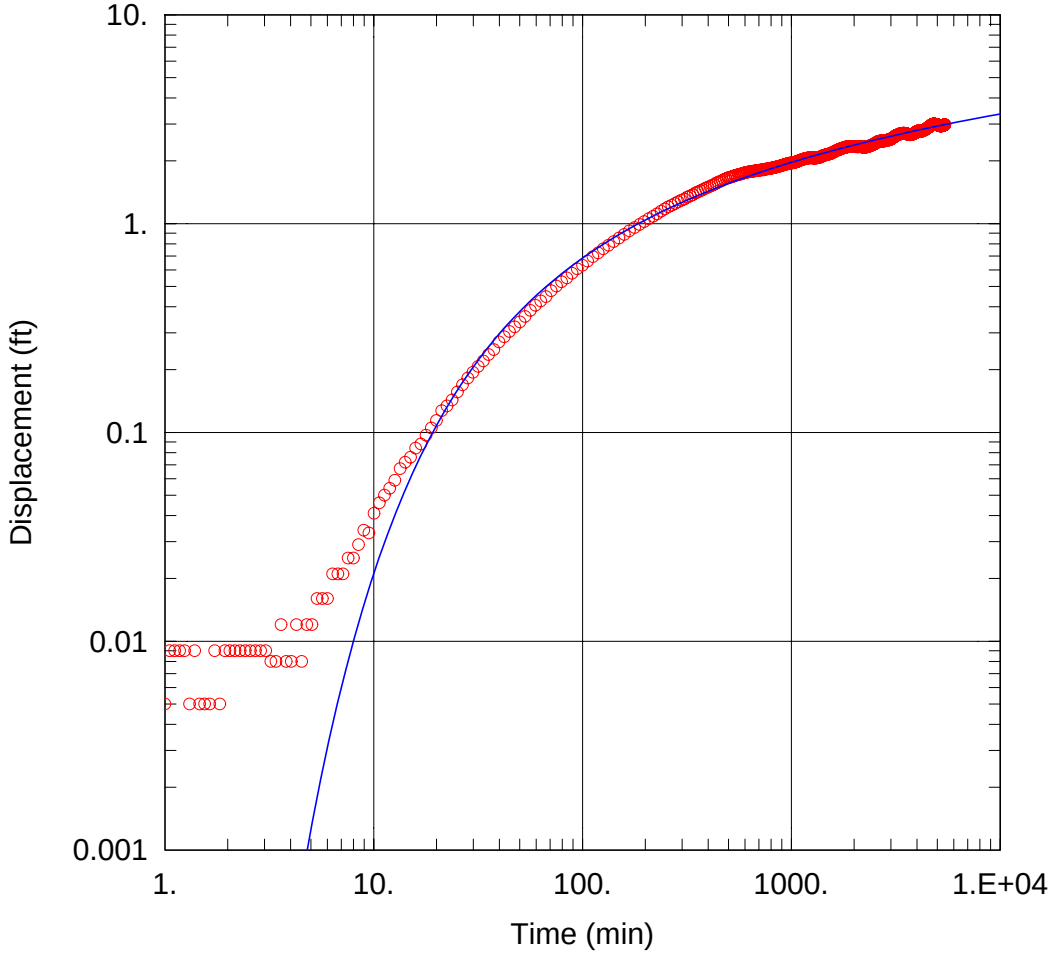
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-12C (TC)	6774893.7	1865969.3

MW-13B Response ro EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-13B TO EW-5 (TC).AQT
Date: 02/06/04 Time: 04:19:05

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.332E+04 ft^2/day
S = 0.0007506
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

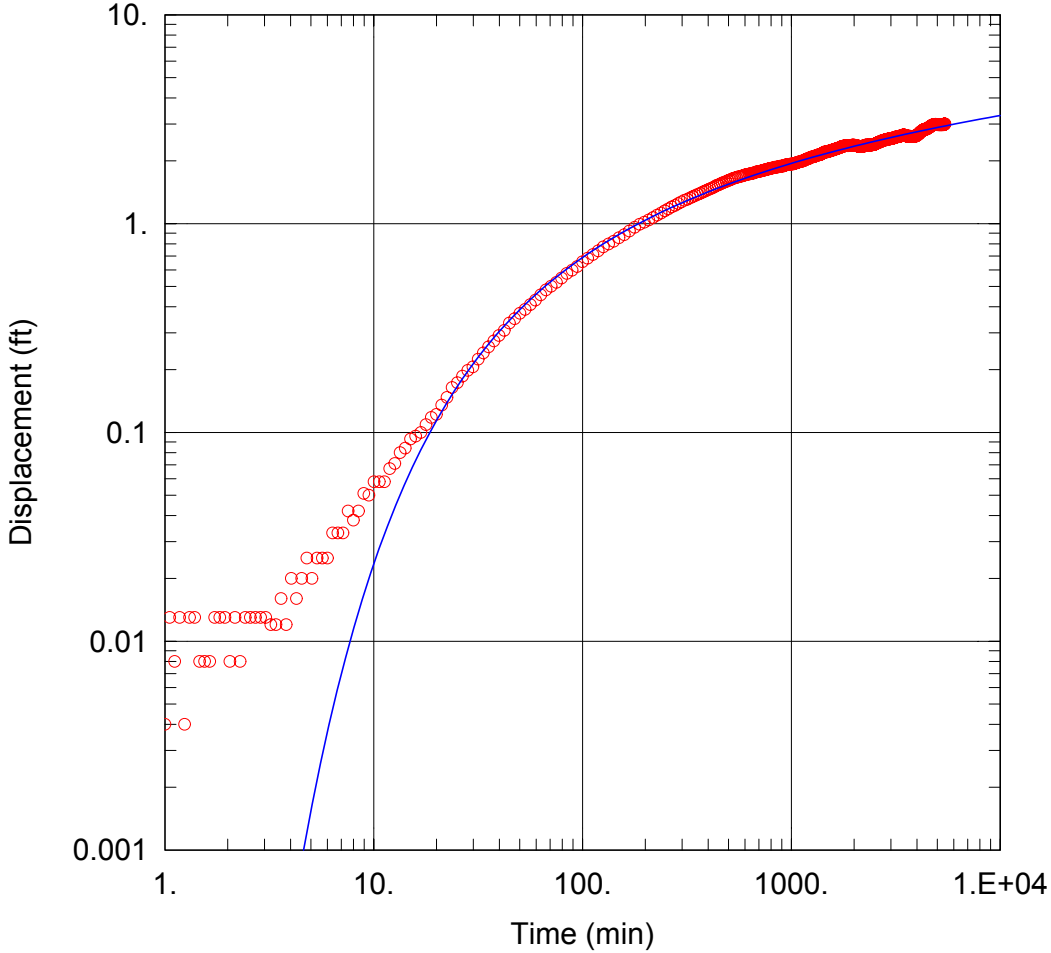
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-13B (TC)	6776958.1	1866004.6

MW-13C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: C:\...\MW-13C TO EW-5 (TREND-CORR).AQT
Date: 01/19/04 Time: 14:41:06

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.463E+04 ft^2/day
S = 0.0007363
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

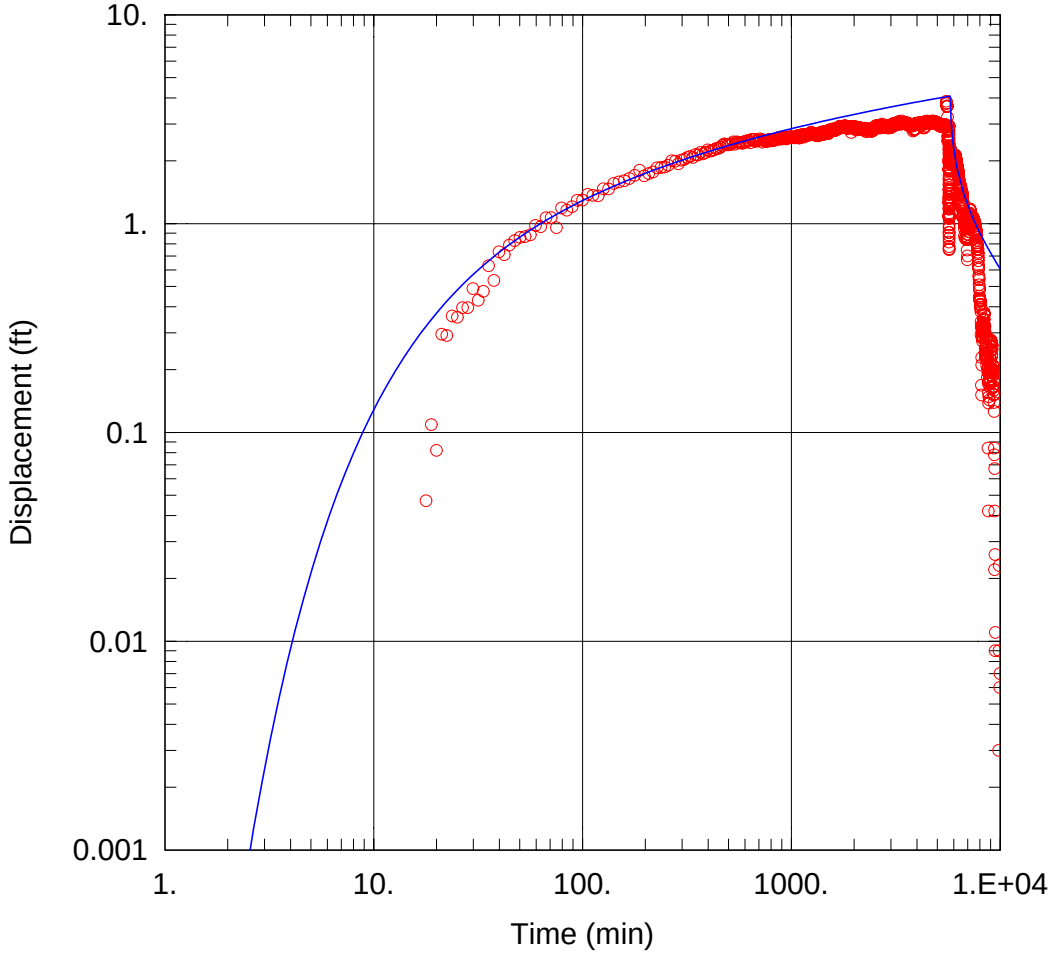
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-13C (TC)	6776958.1	1866004.6

MW-14B Response to EW-5 Pumping - Trend Corrected w/Partial Penetration

Prepared By:	Prepared For:
SECOR International	SBMWD
Project:	**Location:**
Newmark Superfud Site	Newmark Extraction Well



Data Set: J:\...\MW-14B TO EW-5 (TREND-CORR) PP.AQT
Date: 03/10/05 Time: 13:41:50

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.557E+04 ft^2/day
S = 0.002029
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

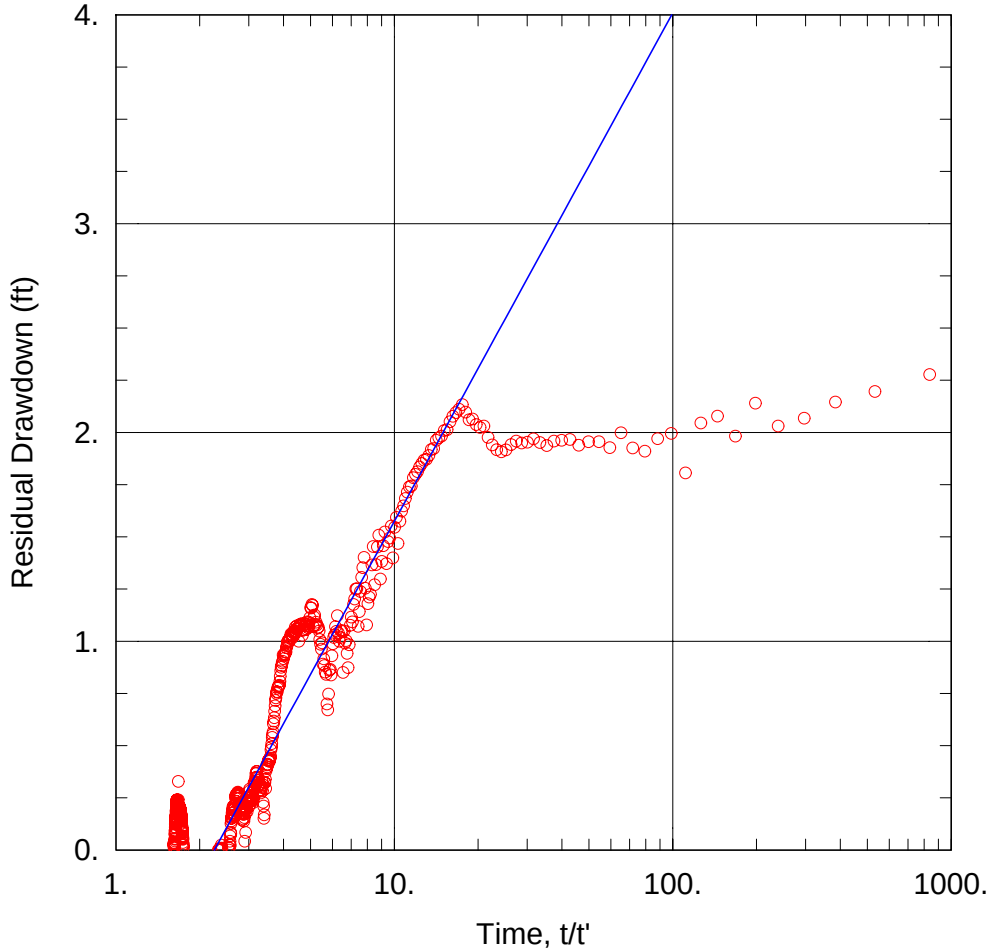
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-14B	6778307.5	1865948.7

MW-14B Response to EW-5 Pumping - Trend Corrected Data w/Partial Penetration

Prepared By:	Prepared For:
SECOR International	SBMWD
Project:	**Location:**
Newmark Superfud Site	Newmark Extraction Well



Data Set: J:\...\MW-14B TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:20:15

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 3.06E+04 ft^2/day
S/S' = 2.257

AQUIFER DATA

Saturated Thickness: 780. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

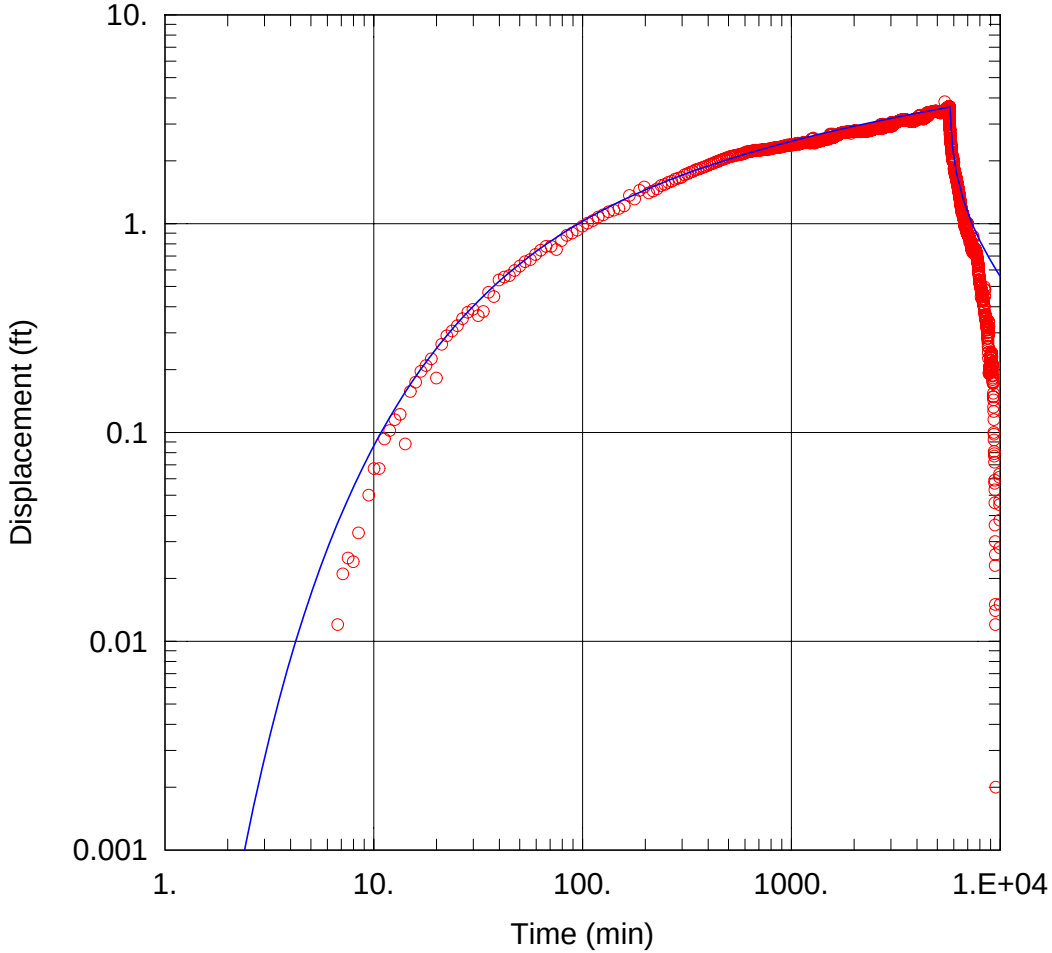
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-14B (TC)	6778307.5	1865948.7

MW-14C Response to EW-5 Pumping - Trend Corrected Data - w/ Partial Penetration

Prepared By:	Prepared For:
SECOR International	SBMWD
Project:	**Location:**
Newmark Superfud Site	Newmark Extraction Well



Data Set: J:\...\MW-14C TO EW-5 (TC) PP.aqt
Date: 02/06/04 Time: 04:20:41

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.959E+04 ft^2/day
S = 0.001426
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

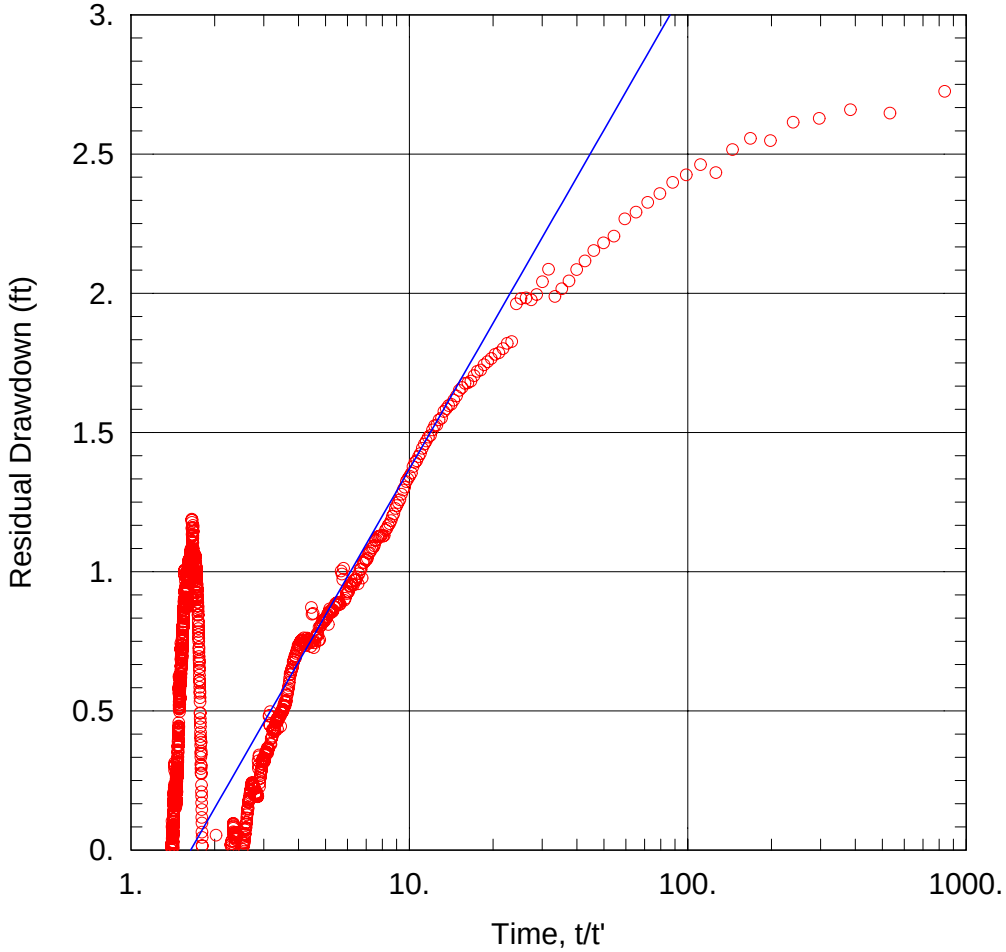
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-14C (TC)	6778307.5	1865948.7

MW-14C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International	SBMWD
Project:	**Location:**
Newmark Superfud Site	Newmark Extraction Well



Data Set: J:\...\MW-14C TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:21:14

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.277E+04 ft^2/day
S/S' = 1.639

AQUIFER DATA

Saturated Thickness: 780. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

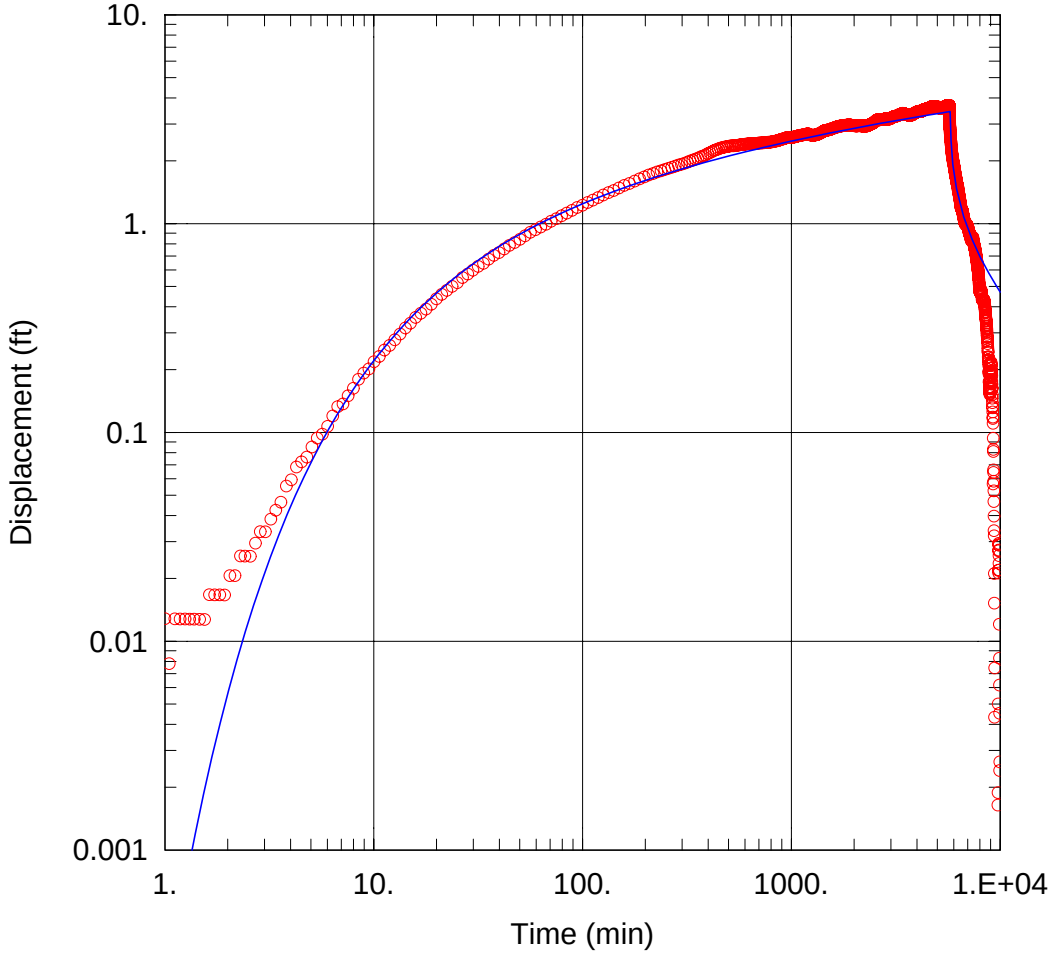
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-14C (TC)	6778307.5	1865948.7

MW-15A Response to EW-5 Pumping - Trend Corrected Data W/ Partial Penetration

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-15A TO EW-5 (TC) PP.aqt
Date: 02/06/04 Time: 04:22:09

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.9E+04 ft^2/day
S = 0.0005423
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

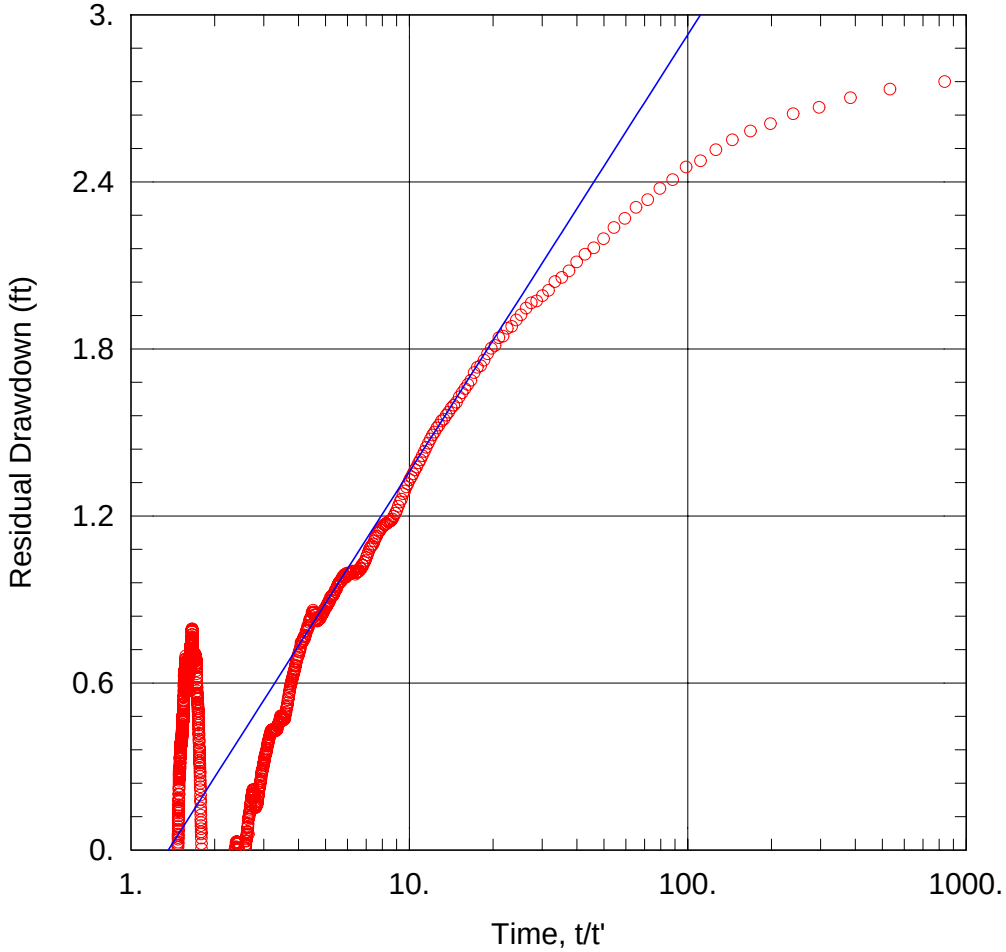
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-15A (TC)	6780009.5	1865882.7

MW-15A Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-15A TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:22:33

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.747E+04 ft^2/day
S/S' = 1.362

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

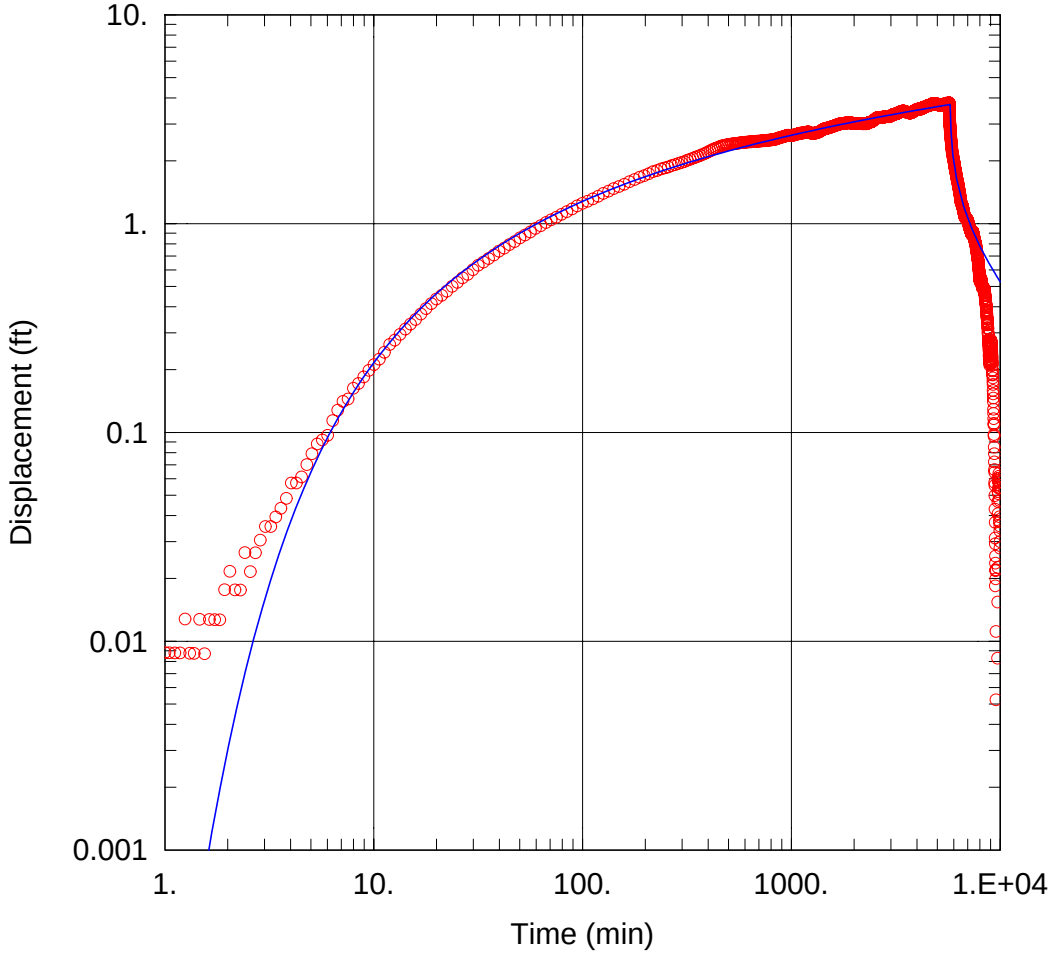
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-15A (TC)	6780009.5	1865882.7

MW-15B Response to EW-5 Pumping - Trend Corrected Data w/ Partial Penetration

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-15B TO EW-5 (TC) PP.aqt
Date: 02/06/04 Time: 04:22:57

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.266E+04 ft^2/day
S = 0.000819
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

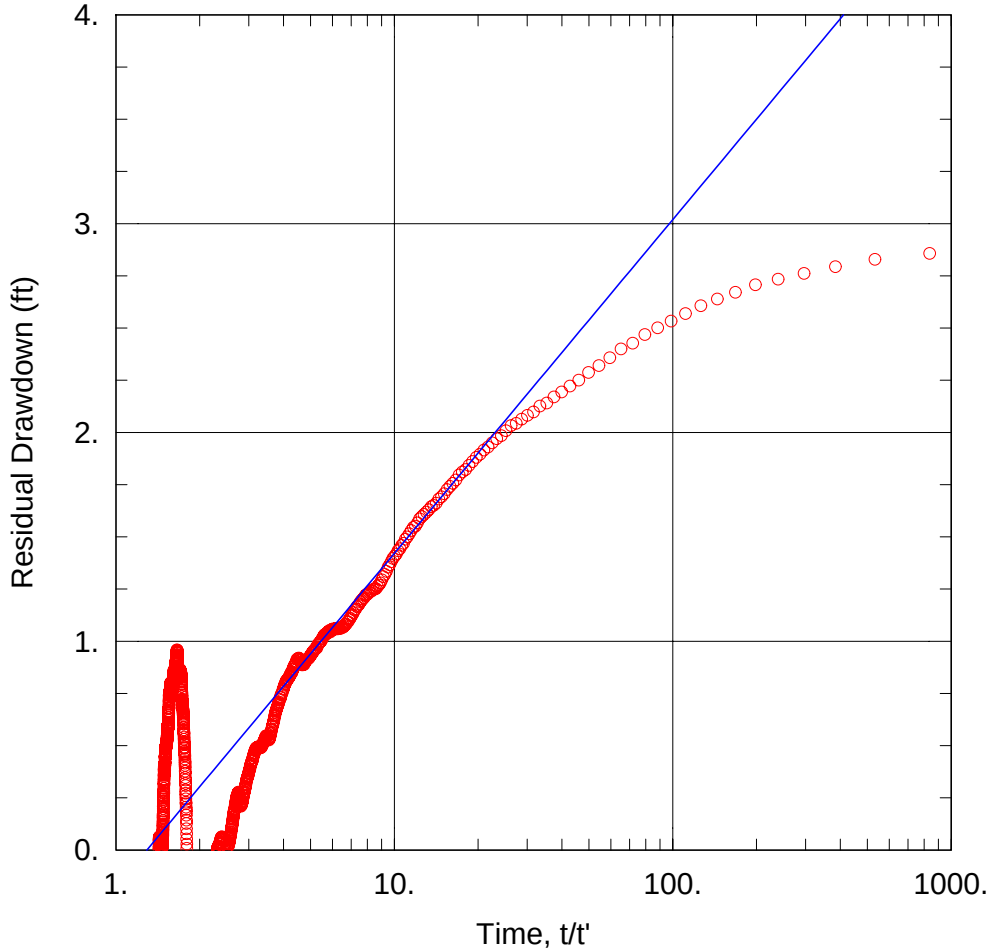
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-15B (TC)	6780009.5	1865882.7

MW-15B Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-15B TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:23:23

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.662E+04 ft^2/day
S/S' = 1.292

AQUIFER DATA

Saturated Thickness: 780. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

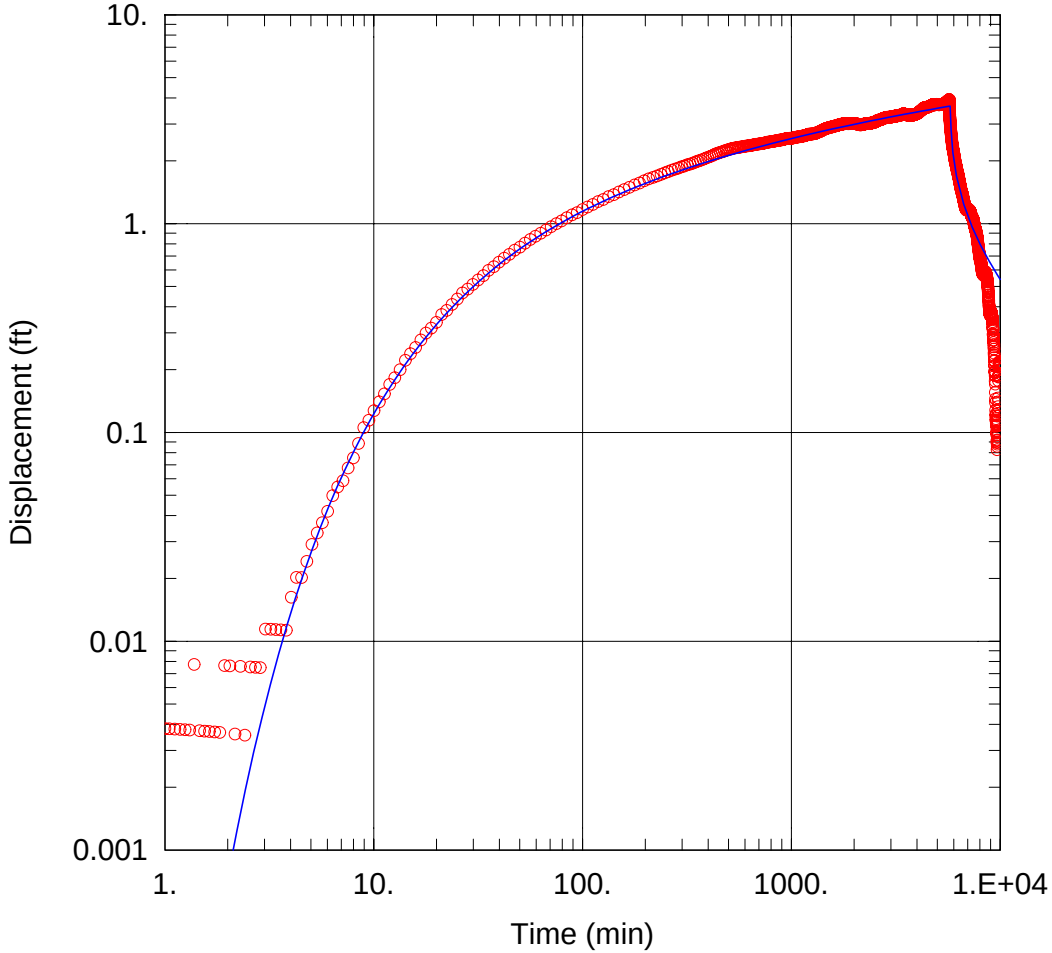
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-15B (TC)	6780009.5	1865882.7

MW-15C Response to EW-5 Pumping - Trend Corrected Data w/ Partial Penetration

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-15C TO EW-5 (TC) PP.aqt
Date: 02/06/04 Time: 04:23:50

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.129E+04 ft^2/day
S = 0.0007623
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

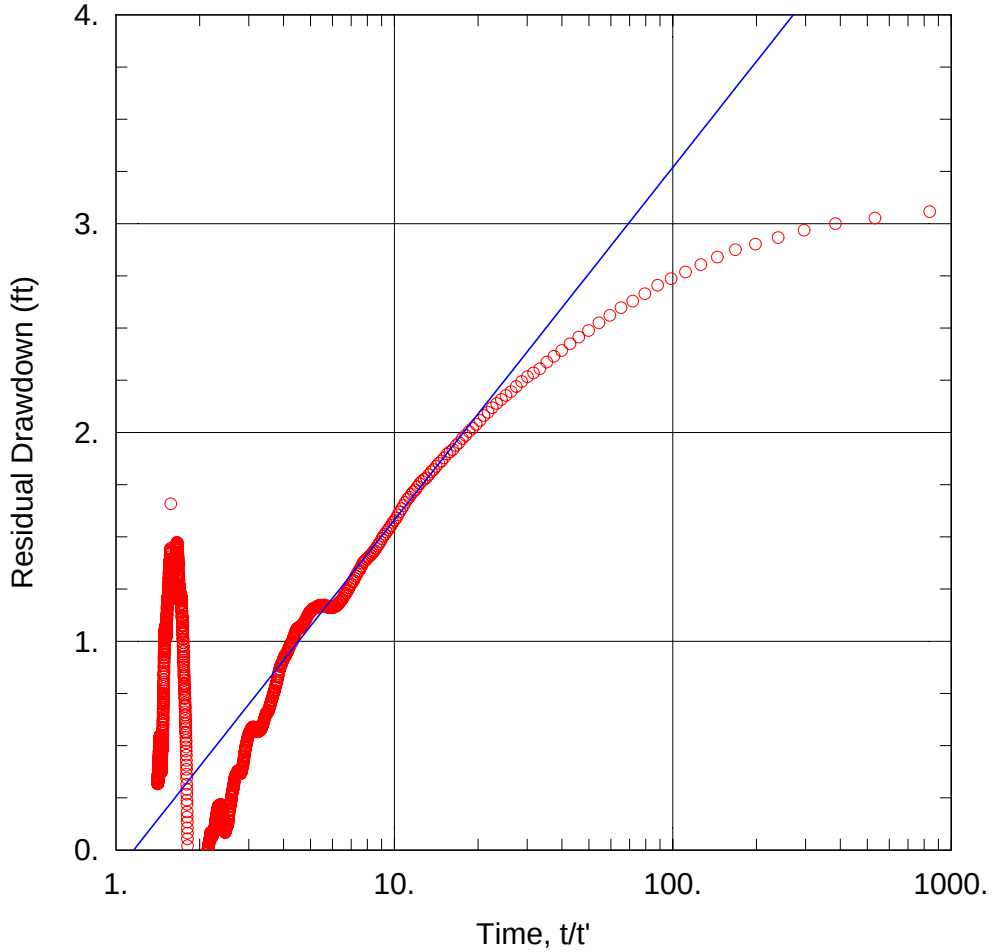
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-15C (TC)	6780009.5	1865882.7

MW-15C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\MW-15C TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:24:10

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.414E+04 ft^2/day
S/S' = 1.158

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

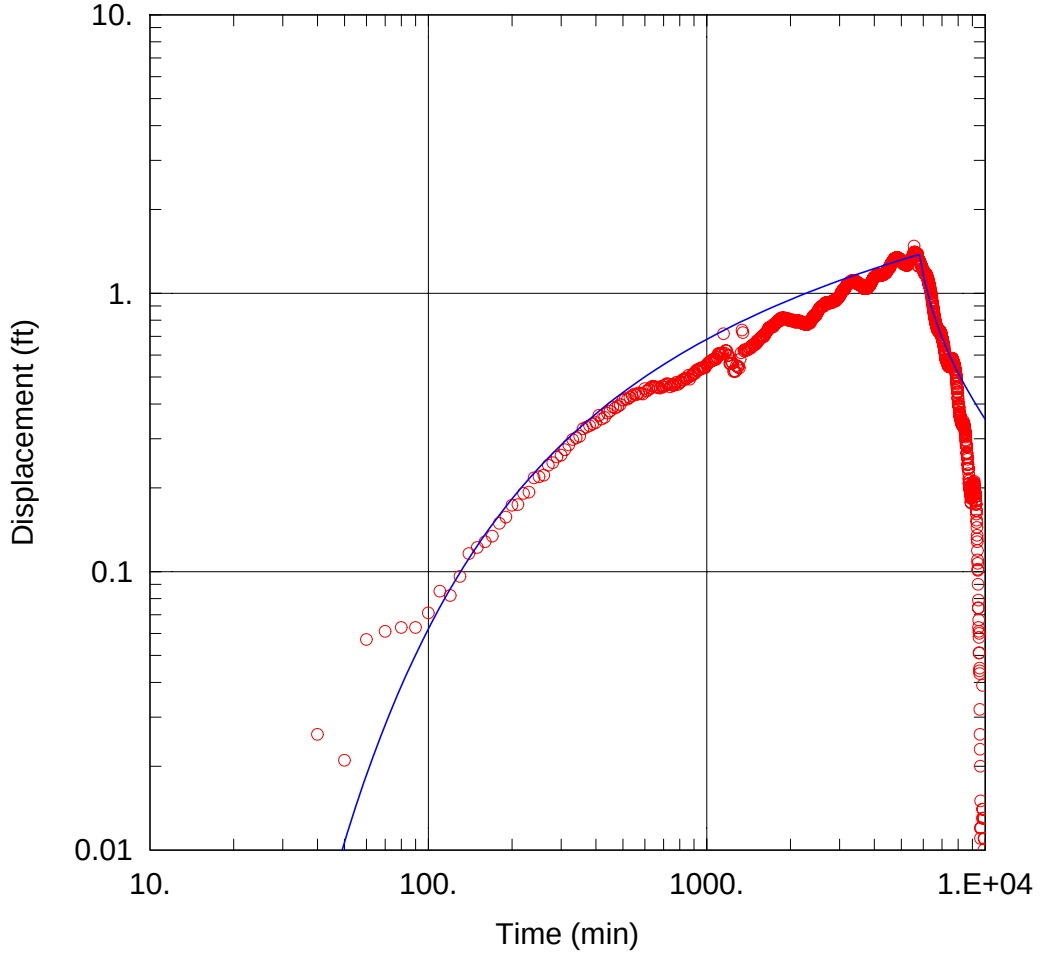
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-15C (TC)	6780009.5	1865882.7

MW-135C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	Newmark Extraction Well



Data Set: J:\...\MW-135C TO EW-5 (TC).AQT
Date: 02/06/04 Time: 04:25:00

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 7.72E+04 ft^2/day
S = 0.0007479
Kz/Kr = 0.1
b = 750. ft

WELL DATA

Pumping Wells

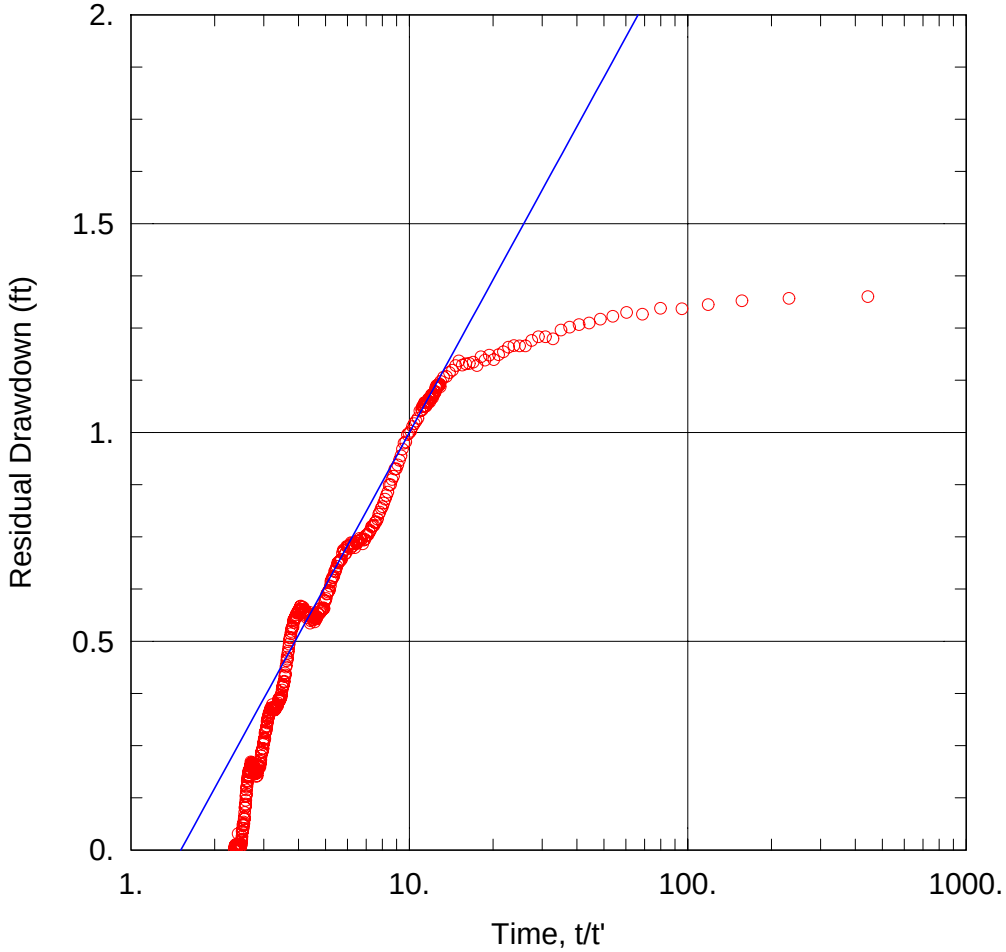
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-135C(TC)	6773043.9	1866906.2

MW-135C Response to EW-5 Pumping - Trend Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	Newmark Extraction Well



Data Set: J:\...\MW-135C TO EW-5 (TC) REC.aqt
Date: 02/06/04 Time: 04:24:35

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 6.12E+04 ft^2/day
S/S' = 1.511

AQUIFER DATA

Saturated Thickness: 750. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

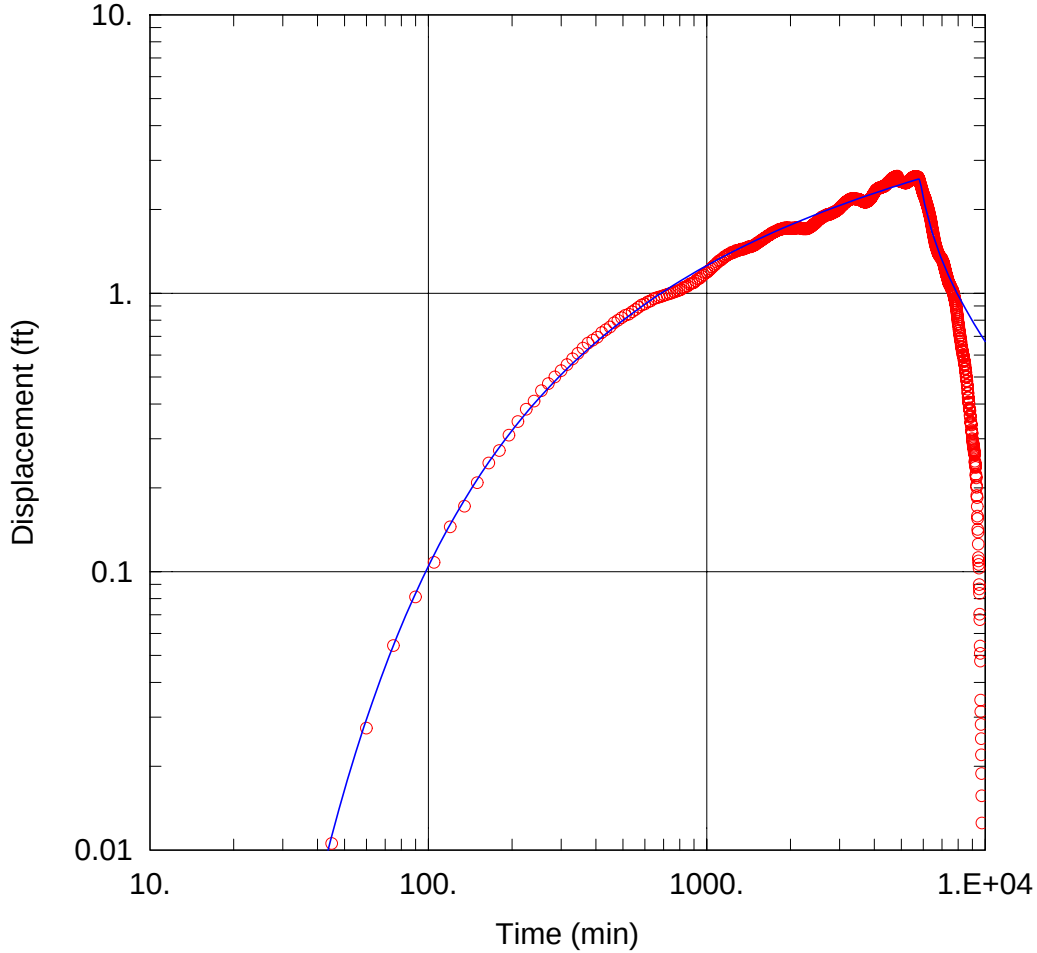
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-135C(TC)	6773043.9	1866906.2

Meadowbrook Park C (2S) Response to EW-5 Pumping - Trend-Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\Medowbrook Park C TO EW-5(TC).aqt
Date: 02/06/04 Time: 04:12:32

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.052E+04 ft^2/day
S = 0.0004675
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

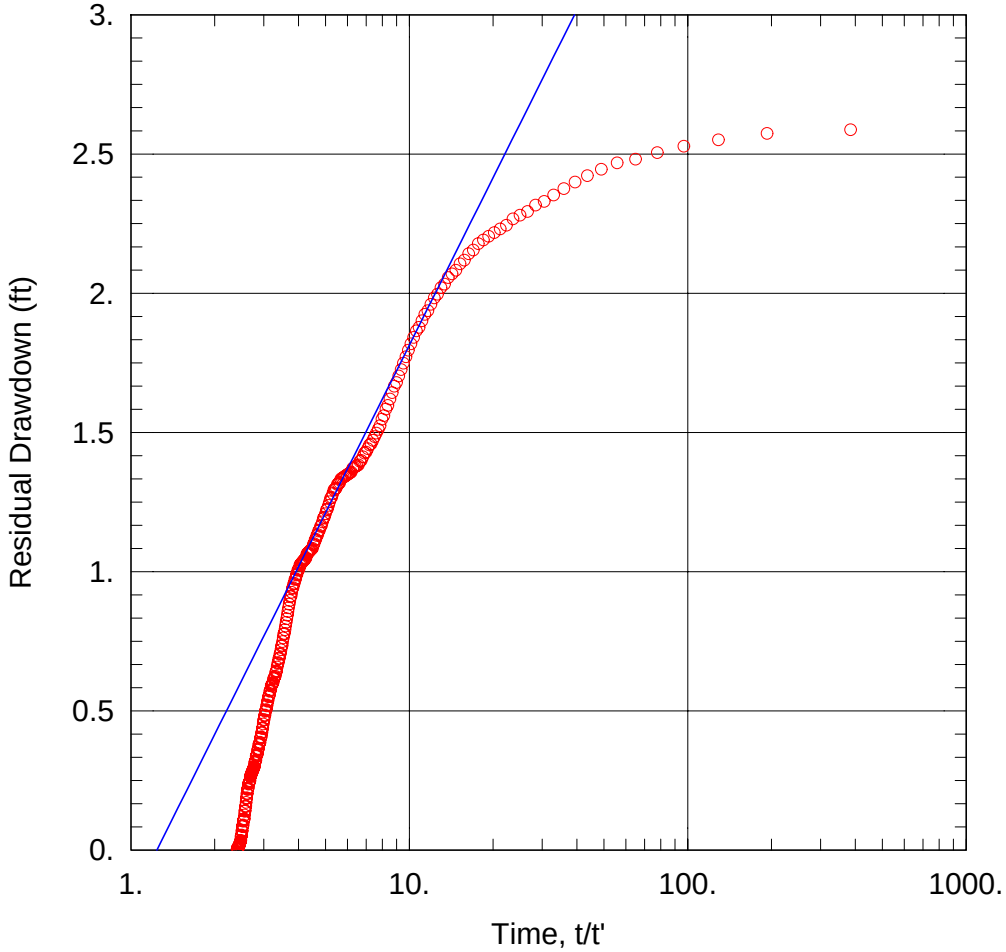
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MeadowbrookC	6777674	1861051

Meadowbrook Park C (2S) Response to EW-5 Pumping - Trend-Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\Medowbrook Park C TO EW-5(TC) REC.aqt
Date: 02/06/04 Time: 04:11:14

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 3.726E+04 ft^2/day
S/S' = 1.24

AQUIFER DATA

Saturated Thickness: 780. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

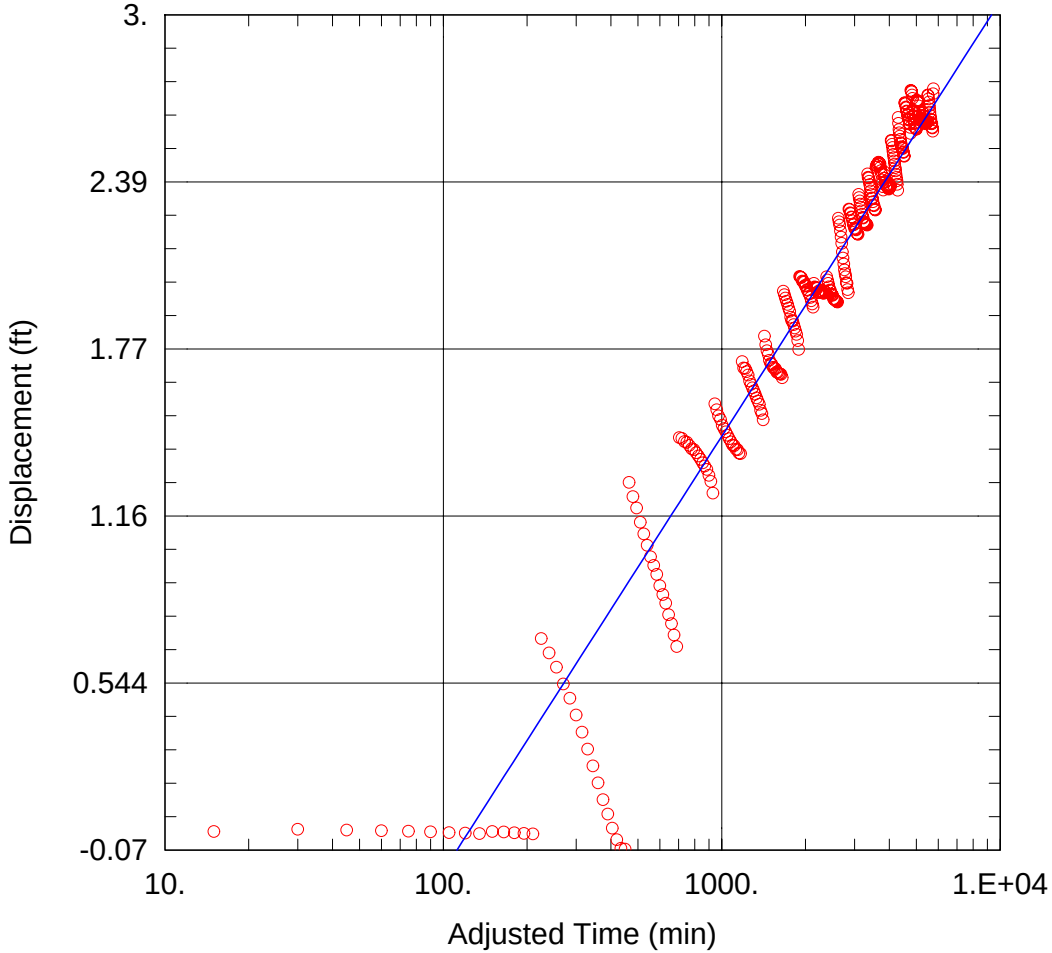
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ MeadowbrookC	6777674	1861051

Sierra School B (7S) Response to EW-5 Pumping - Trend-Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\Sierra School B TO EW-5(TC).AQT
Date: 02/06/04 Time: 04:25:25

SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Jacob

T = 4.66E+04 ft^2/day
S = 0.001702

AQUIFER DATA

Saturated Thickness: 780. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

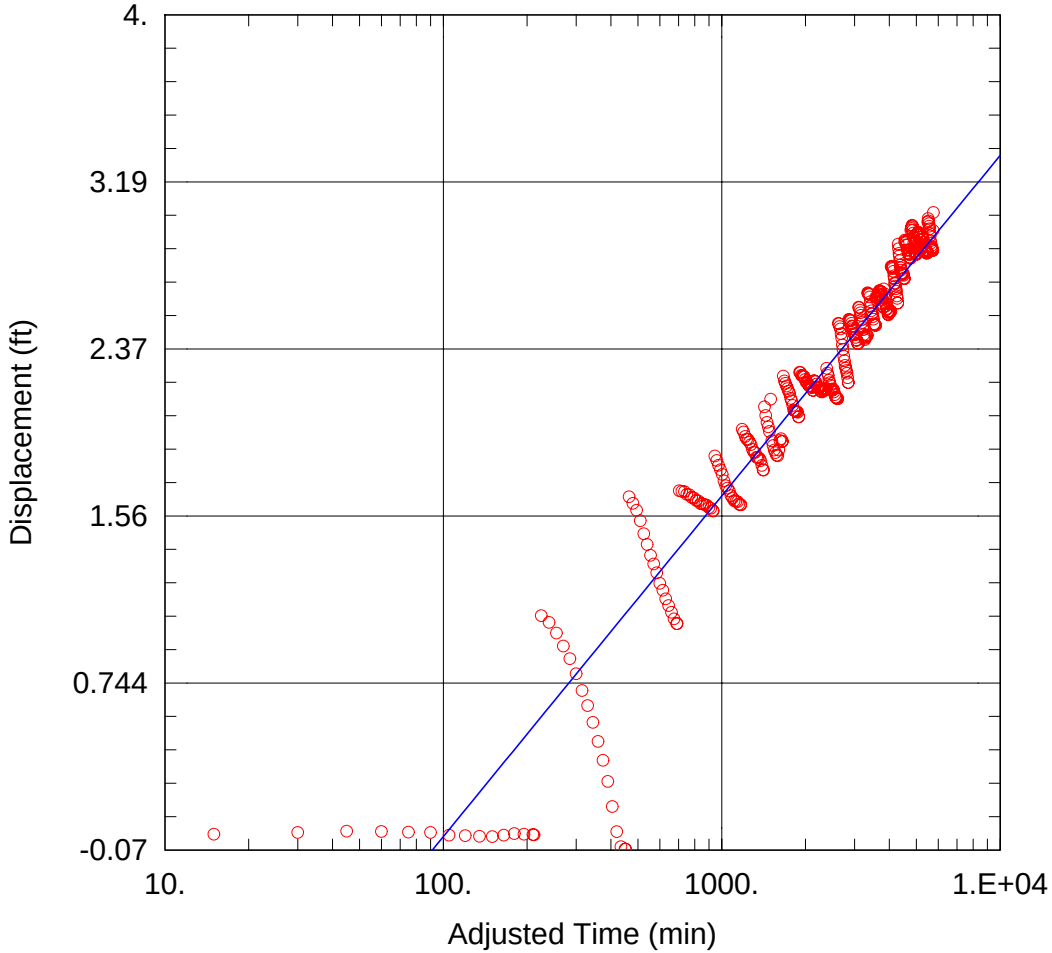
Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ Sierra B	6781285	1866303

Sierra School C (6S) Response to EW-5 Pumping - Trend-Corrected Data

Prepared By:	Prepared For:
SECOR International Inc.	SBMWD
Project:	**Location:**
Newmark Superfund Site	San Bernardino, CA



Data Set: J:\...\Sierra School C TO EW-5(TC).AQT
Date: 02/06/04 Time: 04:25:49

SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Jacob

T = 4.489E+04 ft^2/day
S = 0.001333

AQUIFER DATA

Saturated Thickness: 780. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
EW-5	6778997.9	1866535.5

Observation Wells

Well Name	X (ft)	Y (ft)
○ Sierra C	6781285	1866303