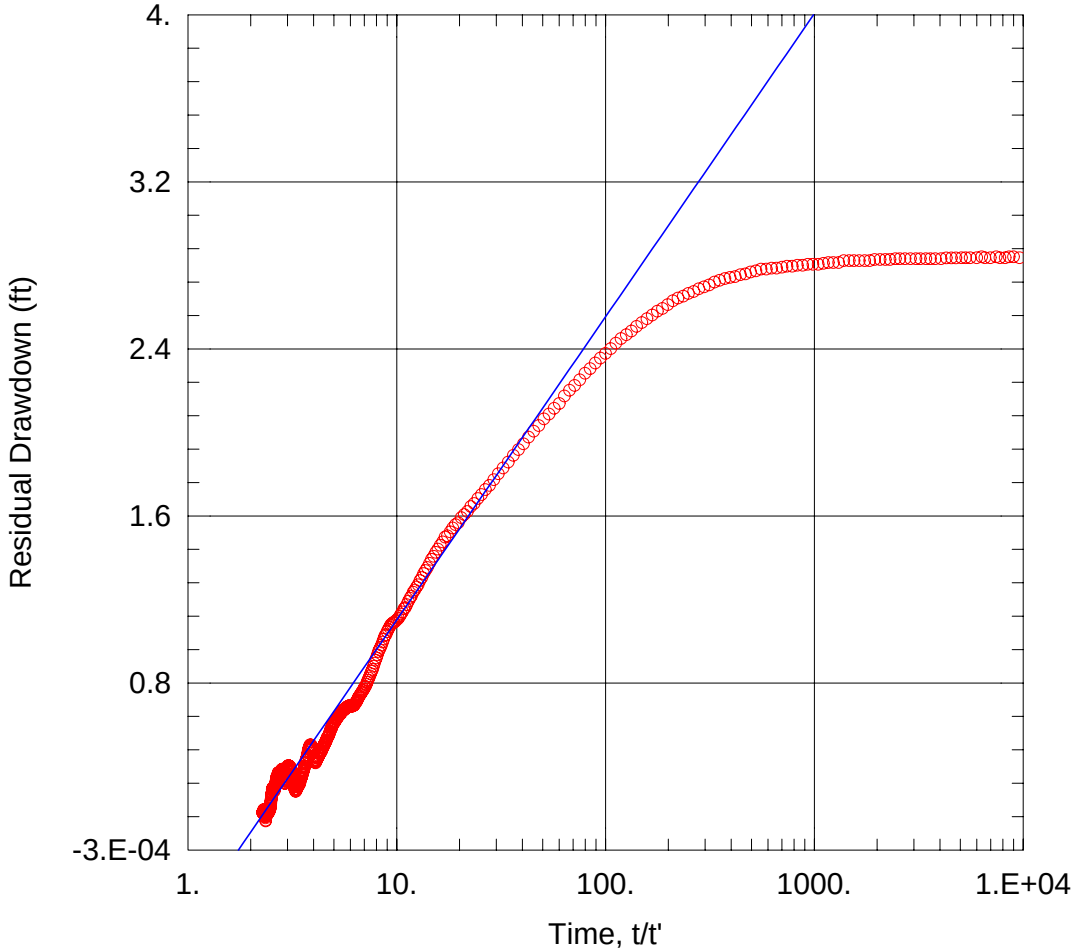
MW-15B Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\MW-15B TO EW-4(TC) REC.AQT
Date: 02/06/04 Time: 19:00:46

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.87E+04 ft^2/day
S/S' = 1.744

AQUIFER DATA

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

WELL DATA

Pumping Wells

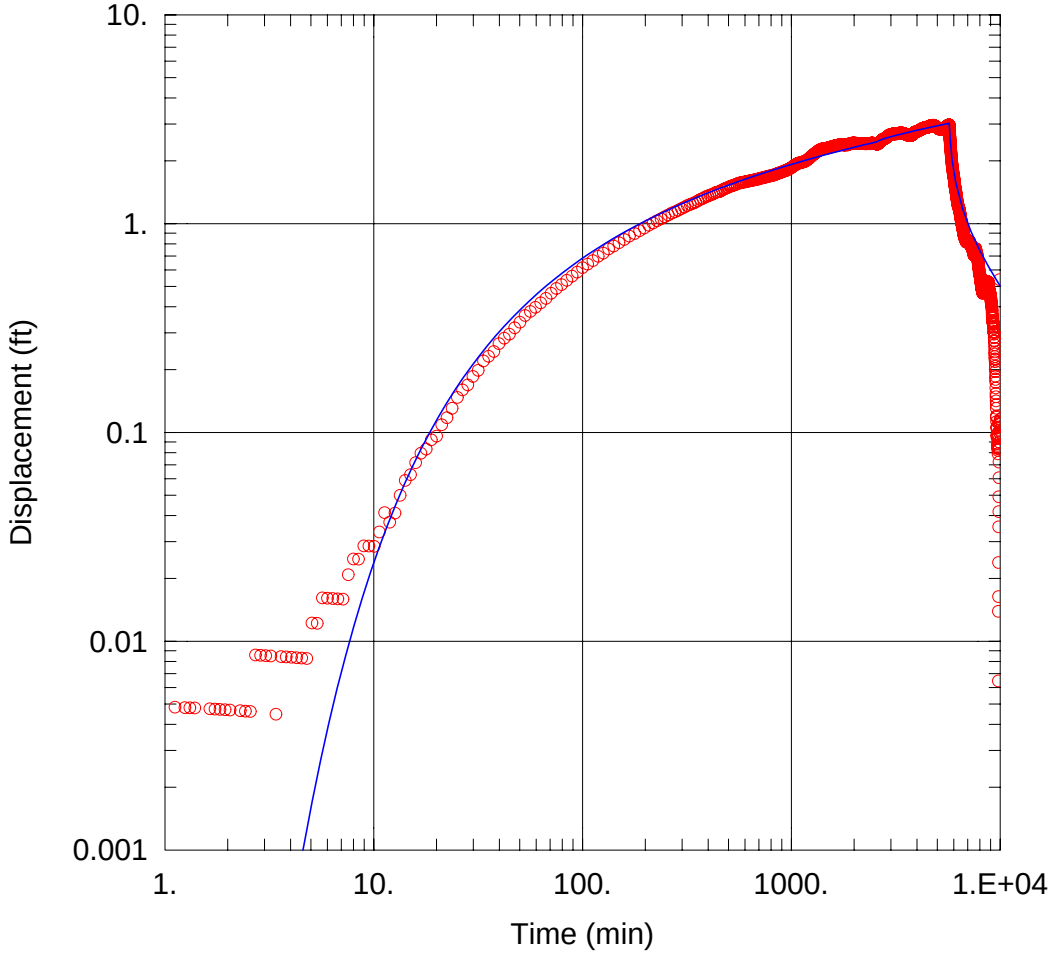
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

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

MW-15C Response to EW-4 - 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-4(TC) PP.AQT
Date: 02/06/04 Time: 19:02:29

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.071E+04 ft^2/day
S = 0.0006429
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

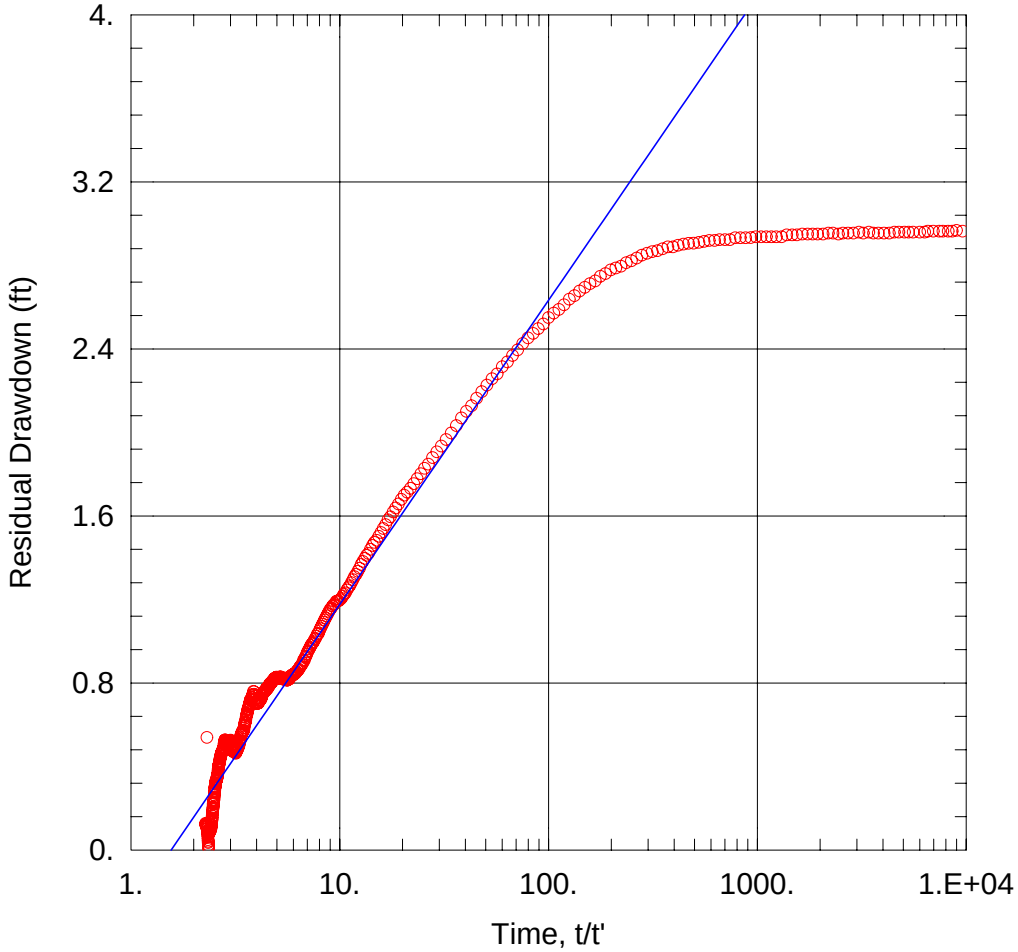
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

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

MW-15C Response to EW-4 - 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-4(TC) REC.AQT
Date: 02/06/04 Time: 19:02:58

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.856E+04 ft^2/day
S/S' = 1.558

AQUIFER DATA

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

WELL DATA

Pumping Wells

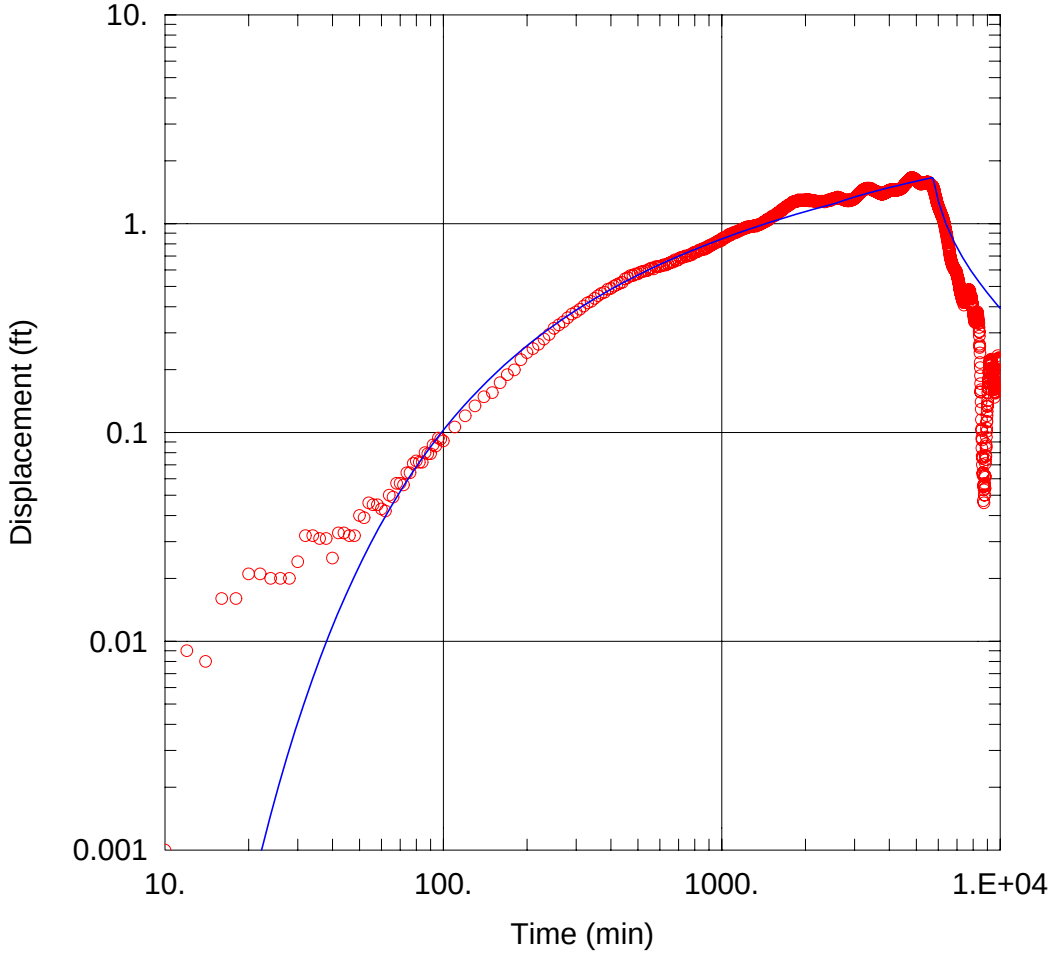
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

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

MW-135C Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\MW-135C TO EW-4(TC) Thesi.AQT
Date: 02/06/04 Time: 19:05:11

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 6.419E+04 ft^2/day
S = 0.0007296
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

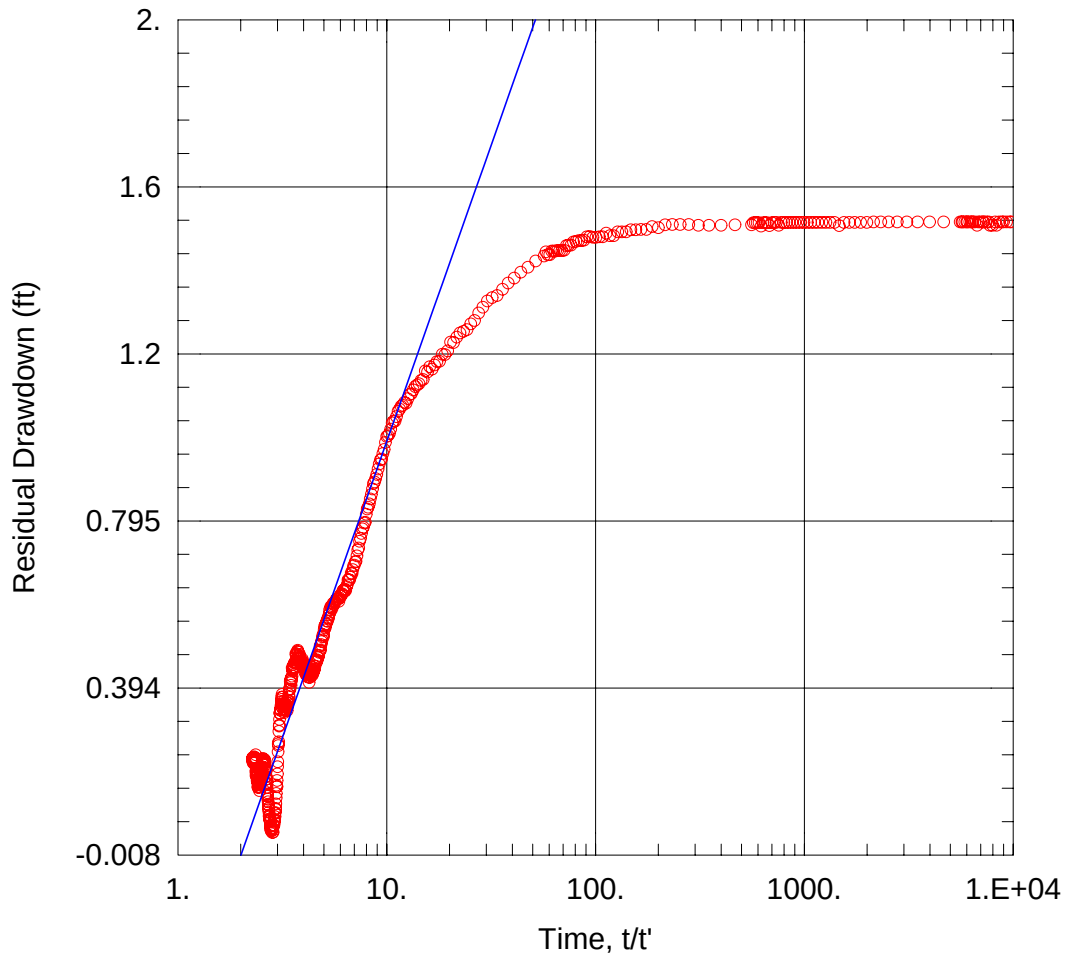
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

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

MW-135C Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\MW-135C TO EW-4(TC) REC.AQT
Date: 02/06/04 Time: 19:04:37

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.966E+04 ft^2/day
S/S' = 2.03

AQUIFER DATA

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

WELL DATA

Pumping Wells

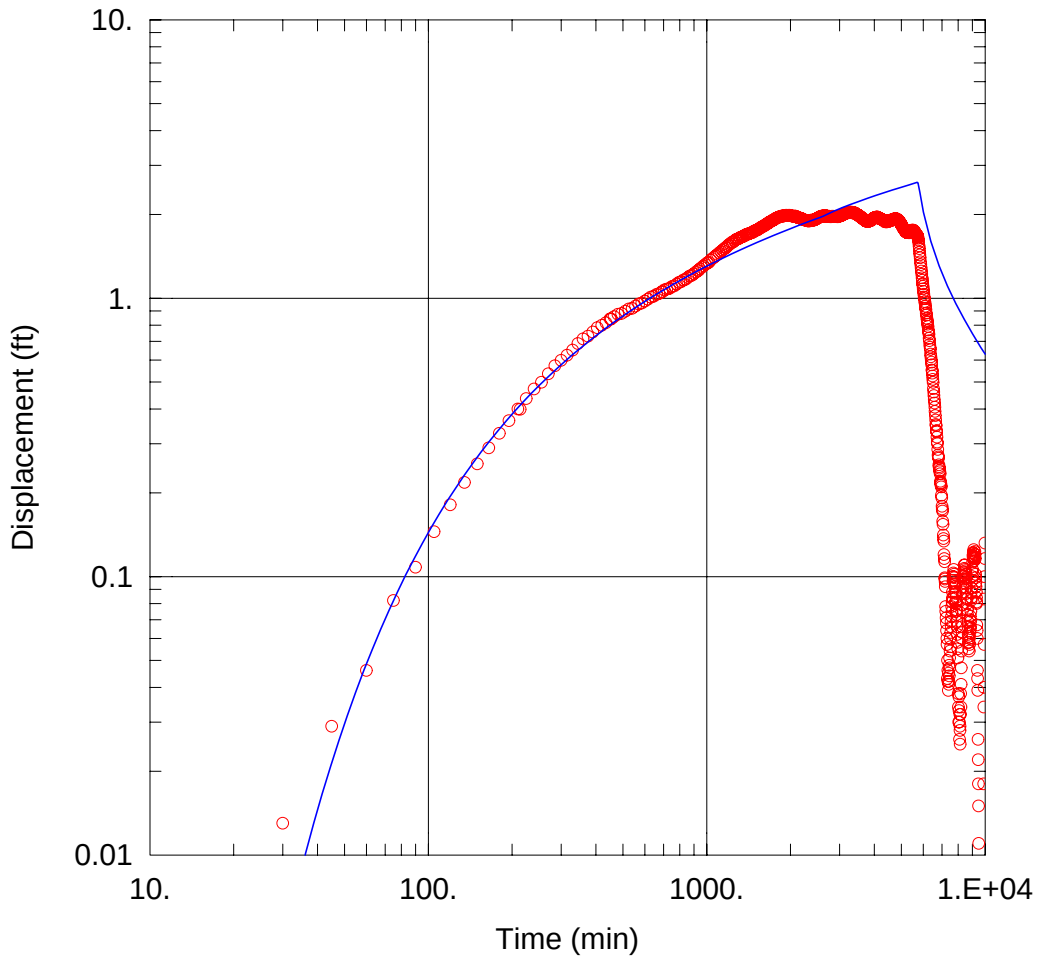
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

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

Meadowbrook C Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\Meadow C TO EW-4(TC) Theis.AQT
Date: 02/06/04 Time: 16:45:26

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.997E+04 ft^2/day
S = 0.0003909
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

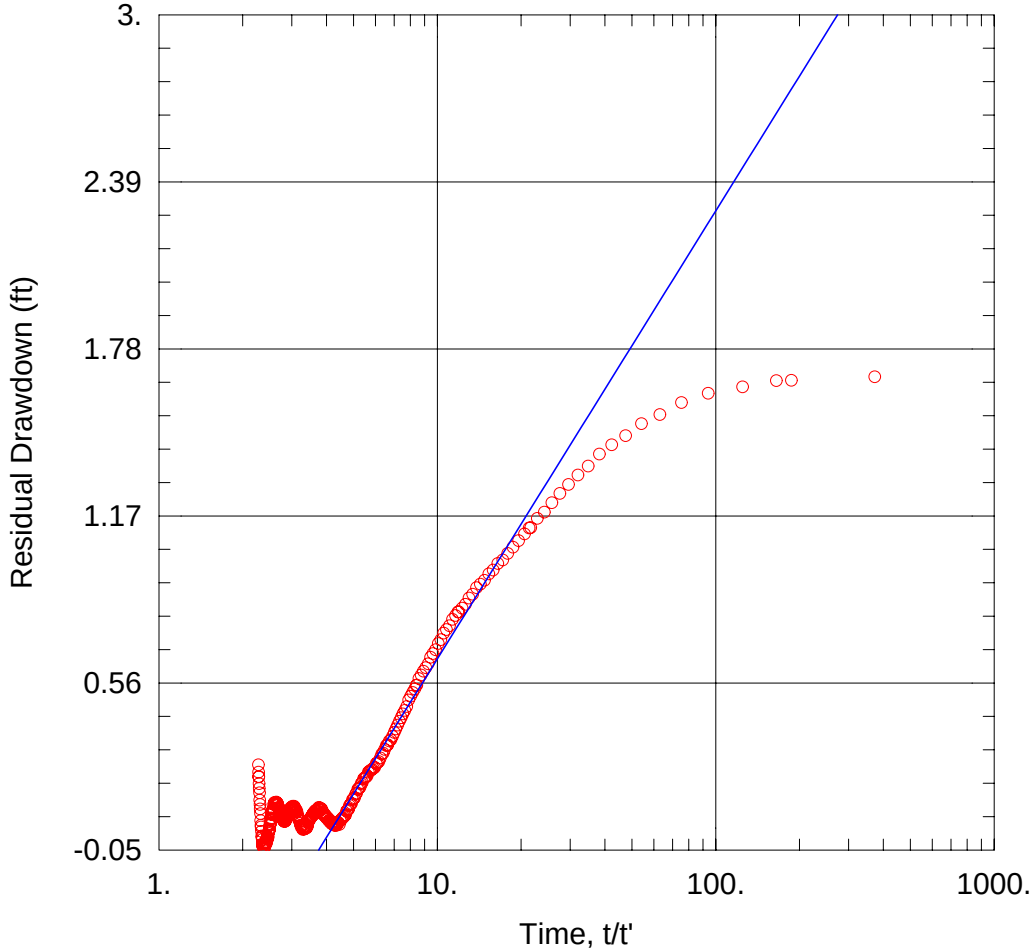
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

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

Meadowbrook C Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\Meadow C TO EW-4(TC) REC.AQT
Date: 02/06/04 Time: 05:00:40

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.322E+04 ft^2/day
S/S' = 4.019

AQUIFER DATA

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

WELL DATA

Pumping Wells

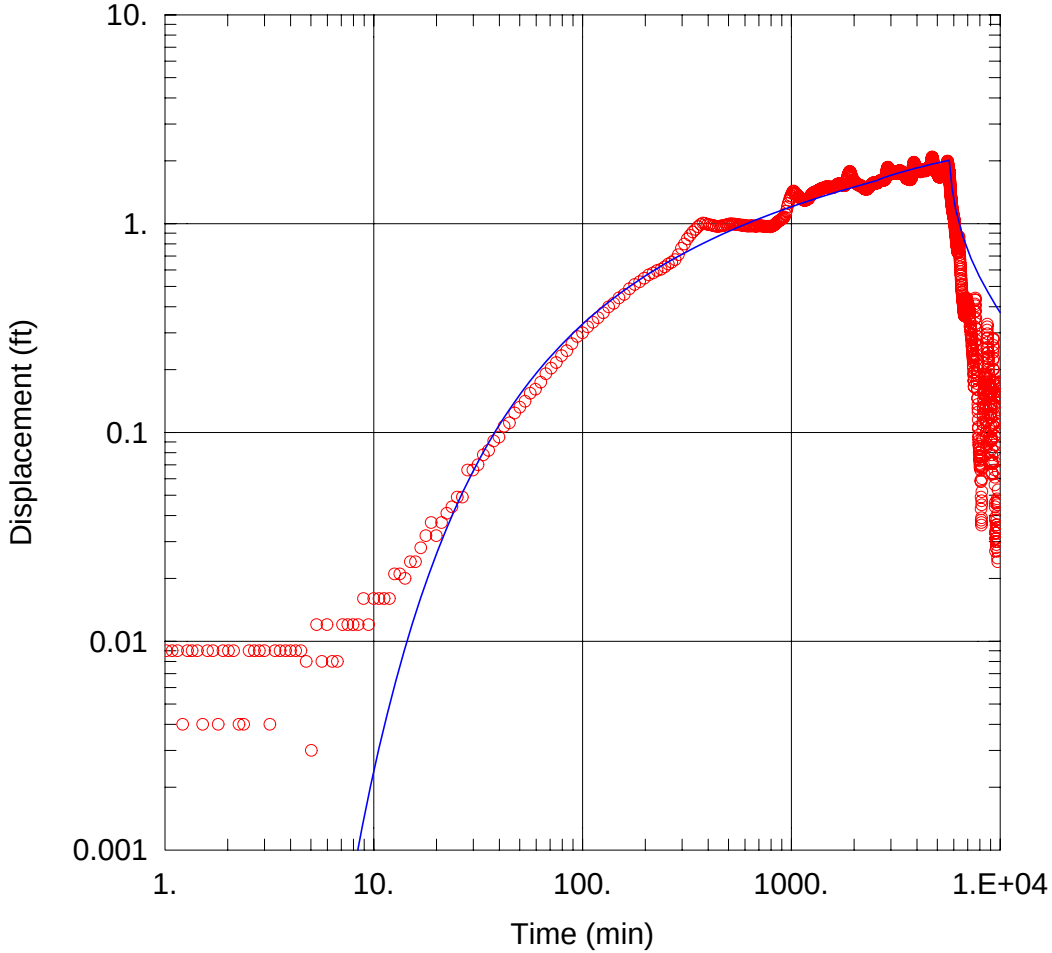
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

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

Gilbert St Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\Gilbert St TO EW-4(TC) Theis.AQT
Date: 02/06/04 Time: 04:59:57

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 6.78E+04 ft^2/day
S = 0.000611
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

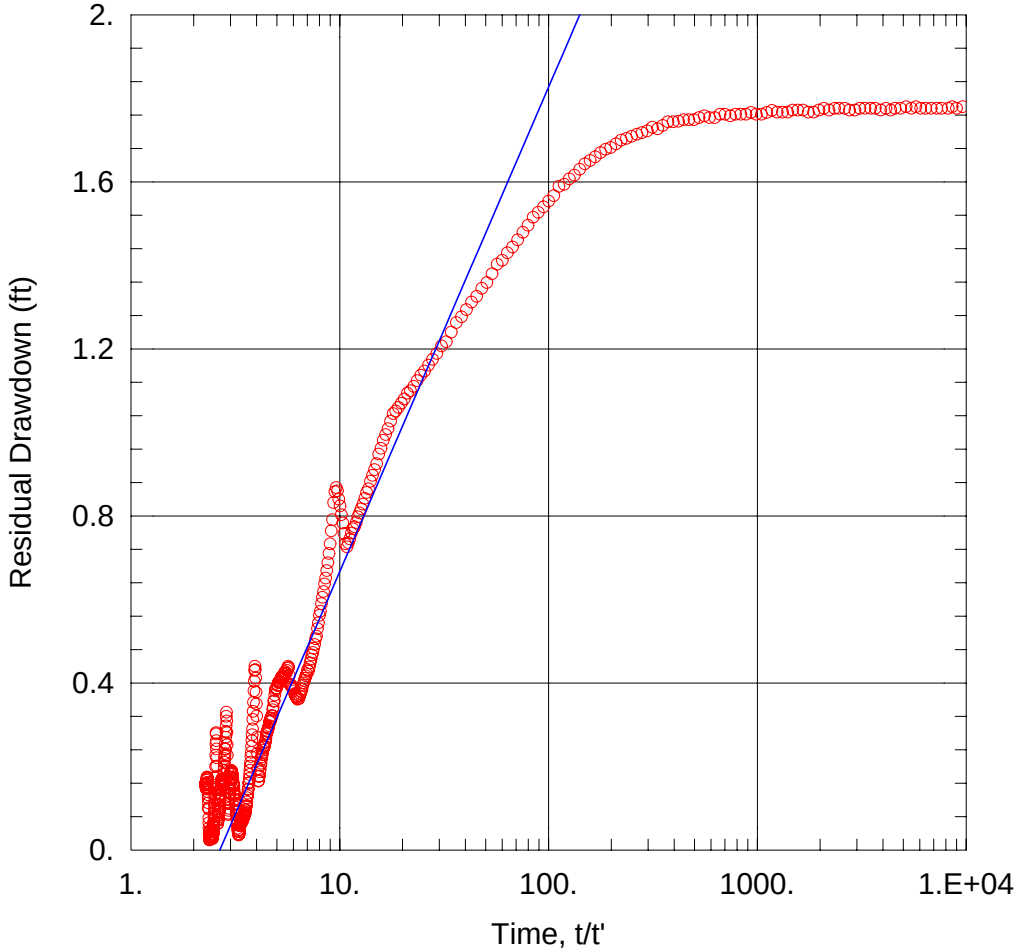
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

Well Name	X (ft)	Y (ft)
○ Gilbert St	6779933.2	1869305.5

Gilbert St Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\Gilbert St TO EW-4(TC) REC.AQT
Date: 02/06/04 Time: 04:59:28

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 6.095E+04 ft^2/day
S/S' = 2.666

AQUIFER DATA

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

WELL DATA

Pumping Wells

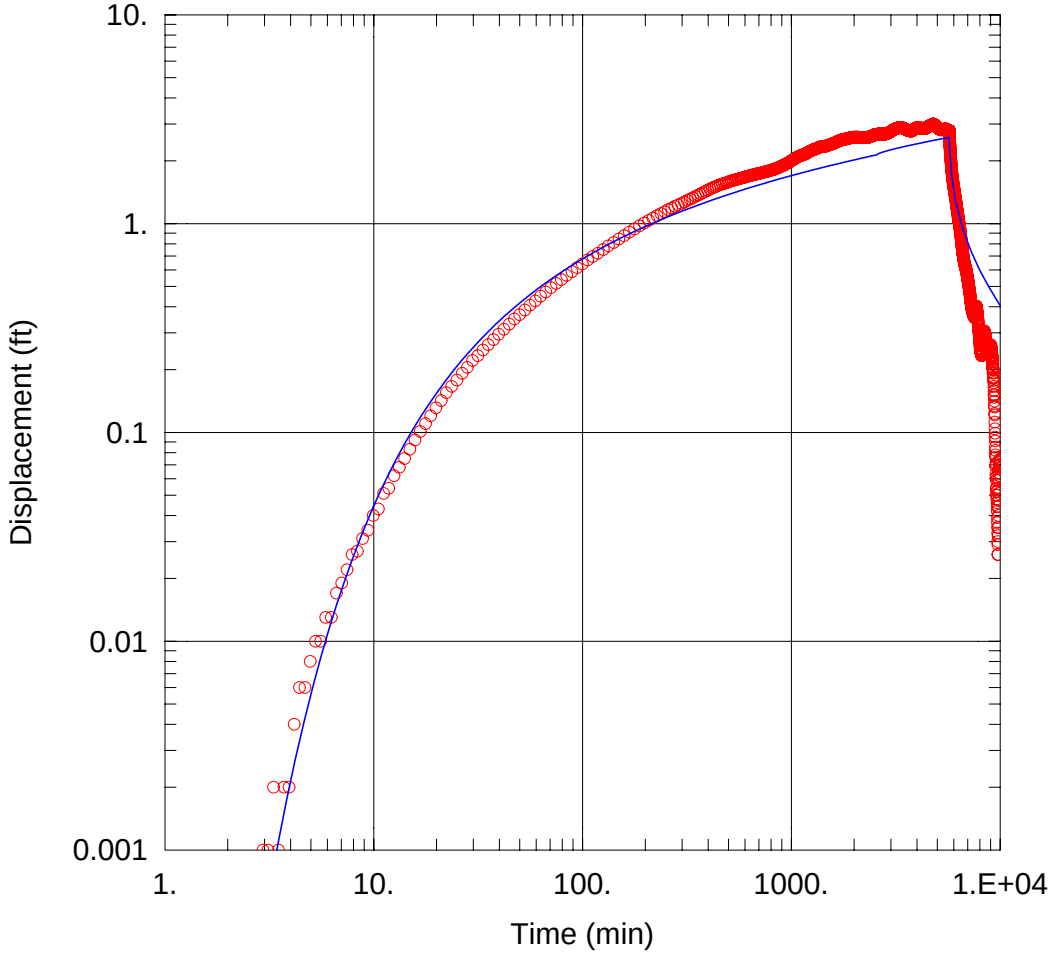
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

Well Name	X (ft)	Y (ft)
○ Gilbert St	6779933.2	1869305.5

7th St Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\7th St TO EW-4(TC)Theis.AQT
Date: 02/06/04 Time: 04:52:56

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 6.305E+04 ft^2/day
S = 0.0004706
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

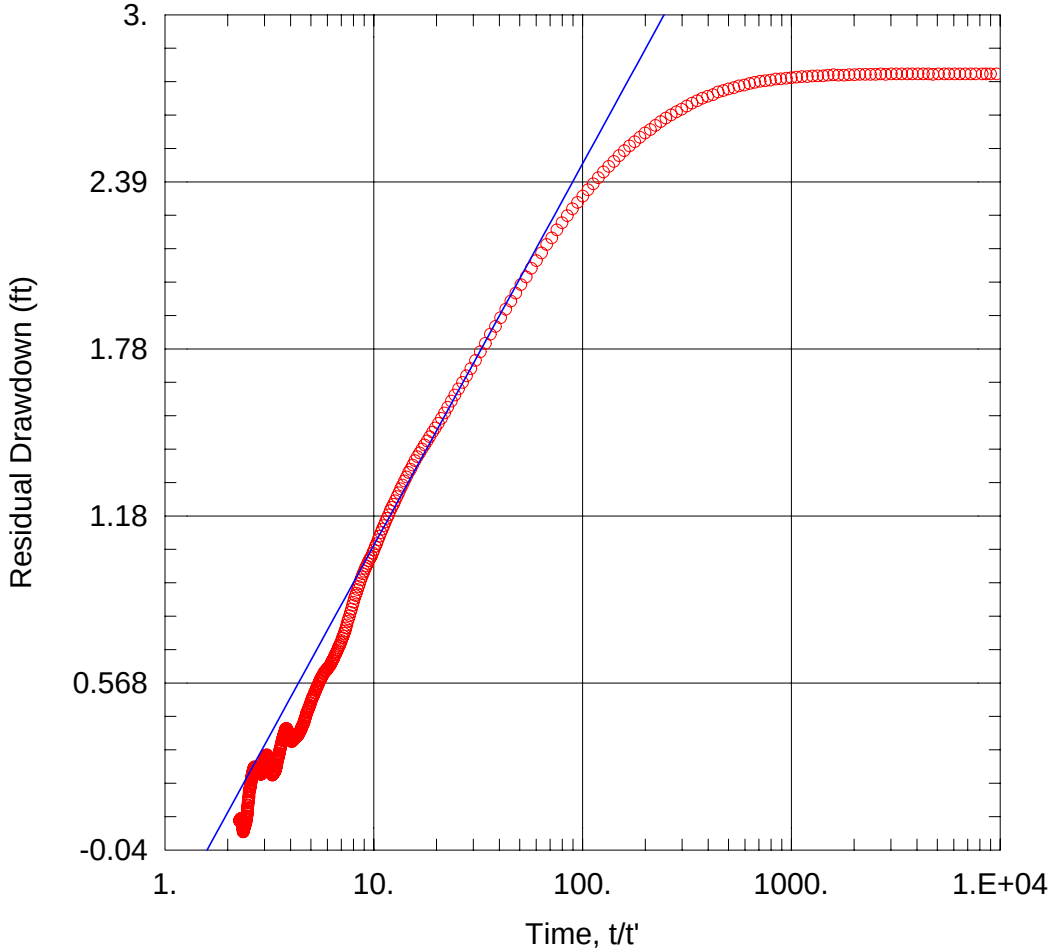
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

Well Name	X (ft)	Y (ft)
○ 7th St	6779216.6	1864532

7th St Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\7th St TO EW-4(TC) REC.AQT
Date: 02/06/04 Time: 04:52:25

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 5.092E+04 ft^2/day
S/S' = 1.701

AQUIFER DATA

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

WELL DATA

Pumping Wells

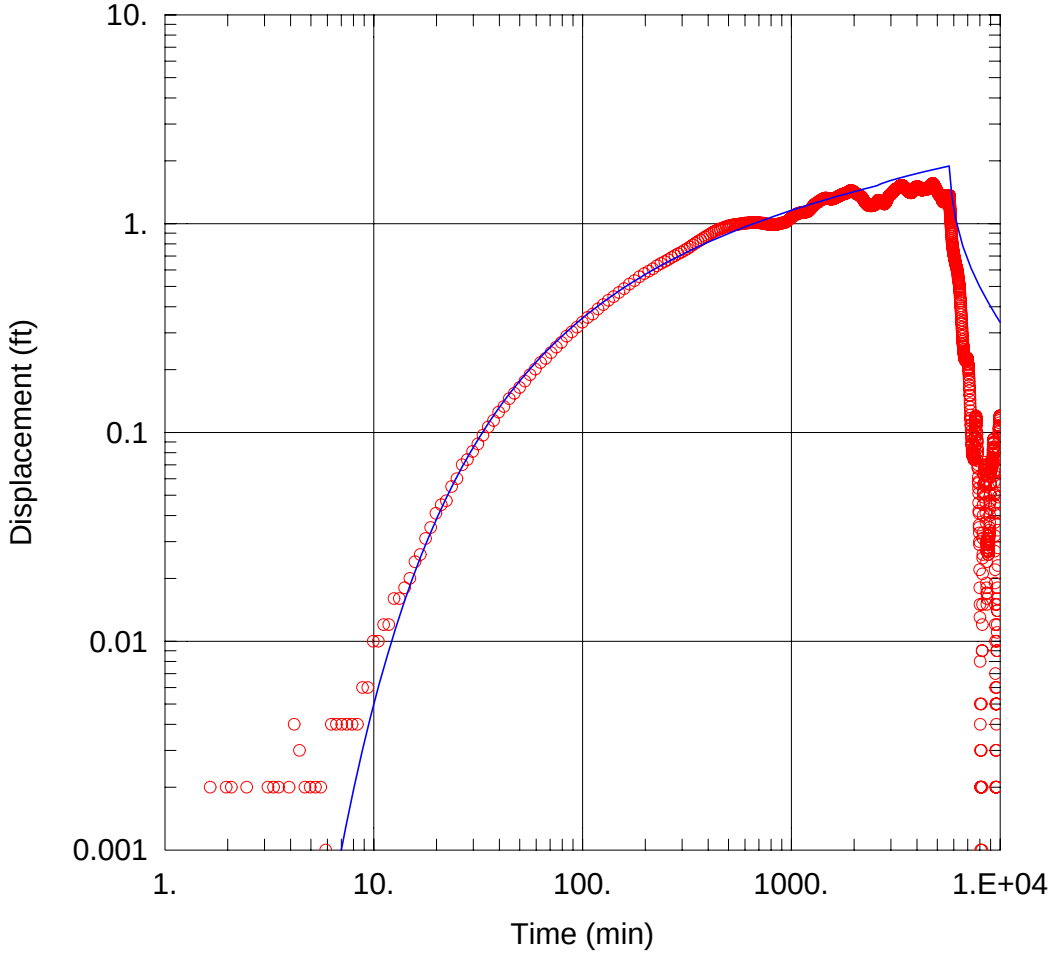
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

Well Name	X (ft)	Y (ft)
○ 7th St	6779216.6	1864532

16th St Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\16th St TO EW-4(TC) Theis.AQT
Date: 02/06/04 Time: 04:53:56

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 7.559E+04 ft^2/day
S = 0.0005765
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

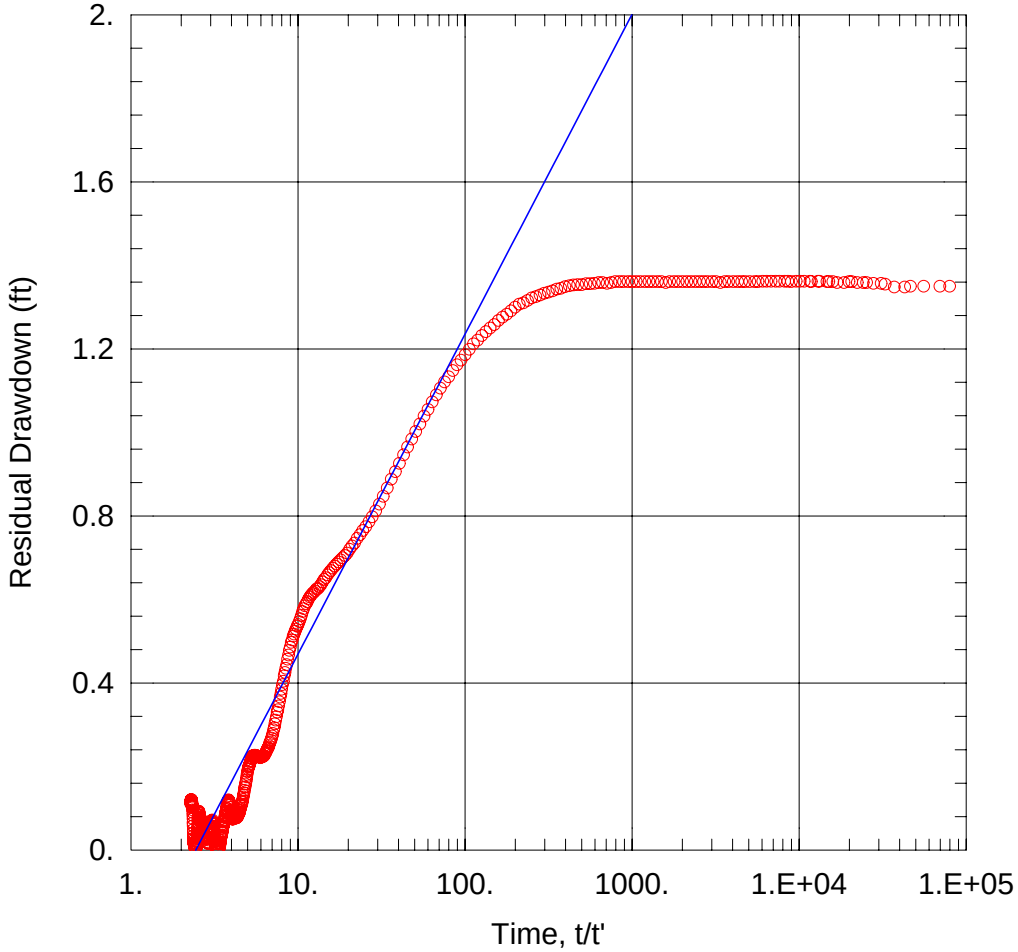
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

Well Name	X (ft)	Y (ft)
○ 16th St	6777416.9	1869838.8

16th St Response to EW-4 - Trend-Corrected Data

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



Data Set: J:\...\16th St TO EW-4(TC) REC.AQT
Date: 02/06/04 Time: 04:53:20

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 9.23E+04 ft^2/day
S/S' = 2.444

AQUIFER DATA

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

WELL DATA

Pumping Wells

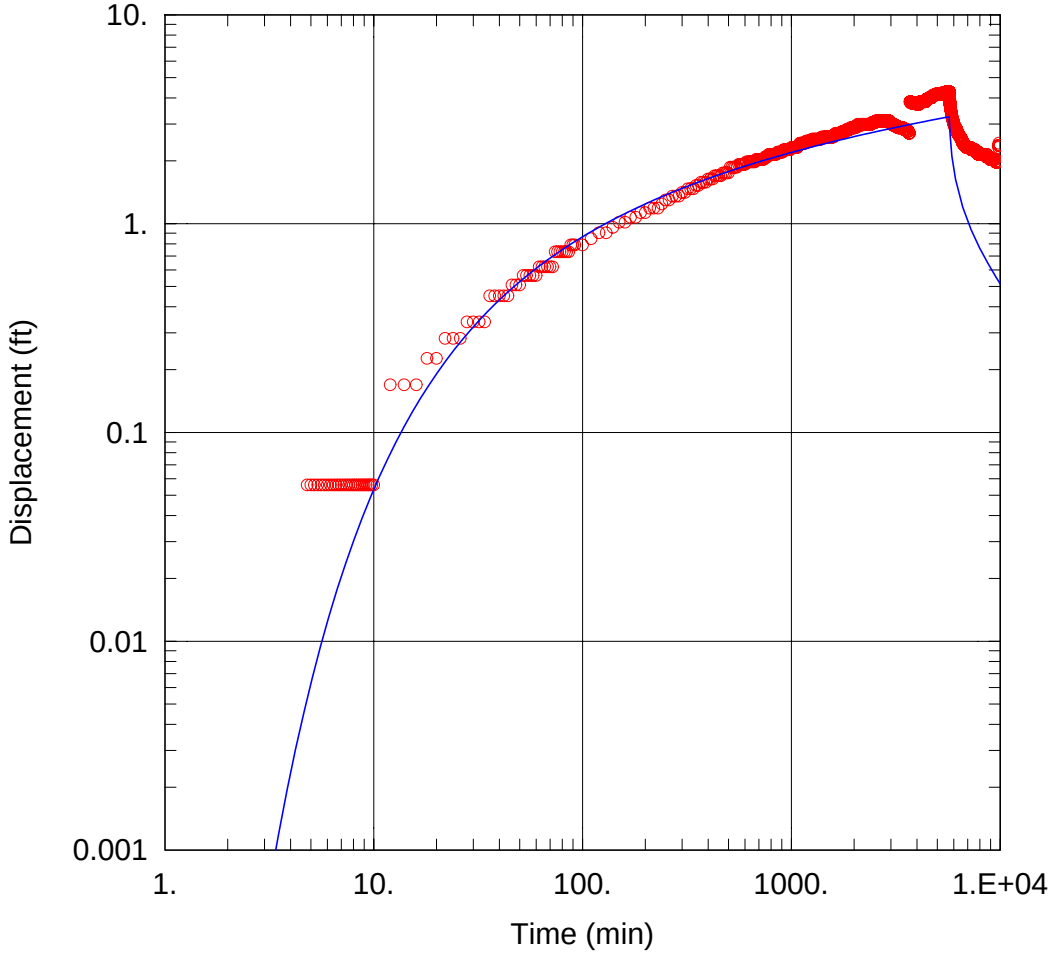
Well Name	X (ft)	Y (ft)
EW-4	6777956.9	1866565.8

Observation Wells

Well Name	X (ft)	Y (ft)
○ 16th St	6777416.9	1869838.8

EW-1 PB Response to EW-3 Pumping - Uncorrected 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-3.aqt
Date: 02/06/04 Time: 23:22:31

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.382E+04 ft^2/day
S = 0.0007222
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

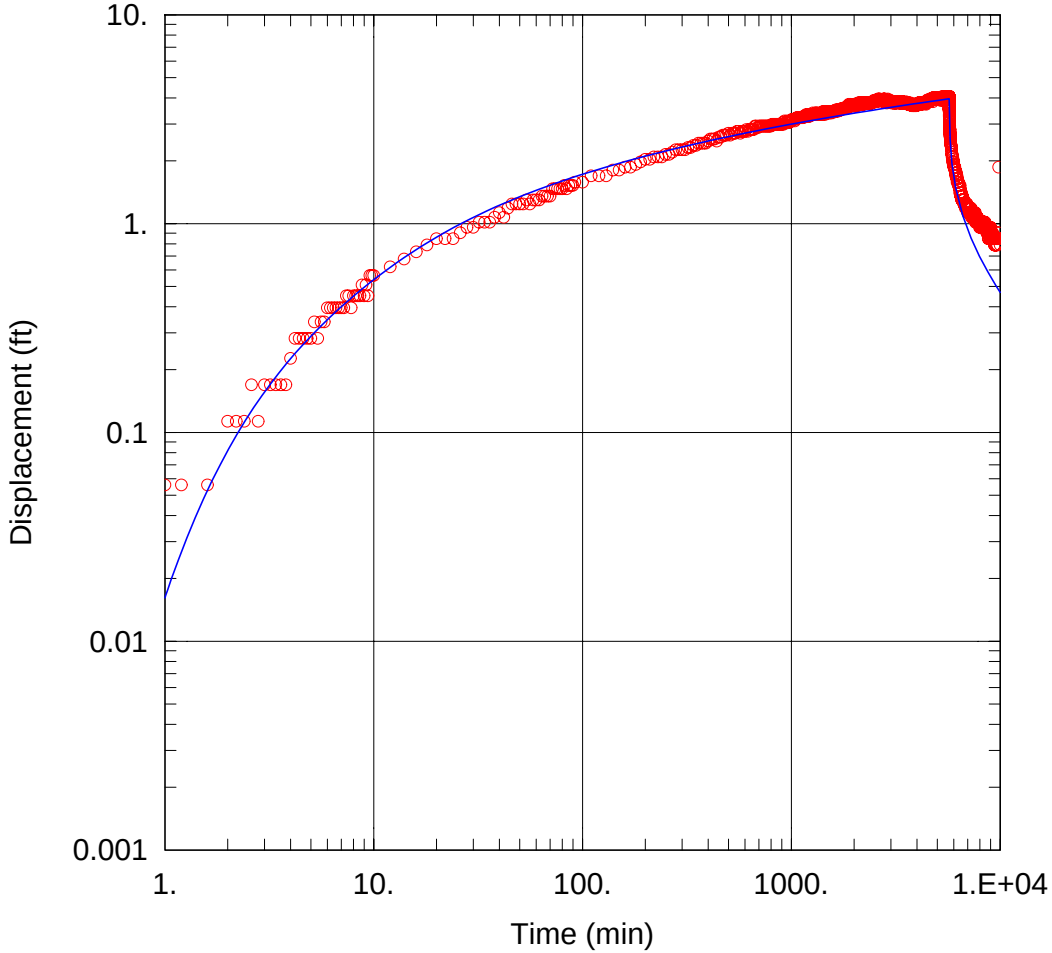
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

EW-2 PB Response to EW-3 Pumping - w/Partial Penetration

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



Data Set: J:\...\EW-2 PB TO EW-3 PP.aqt
Date: 02/06/04 Time: 23:22:55

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.834E+04 ft^2/day
S = 0.0003673
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

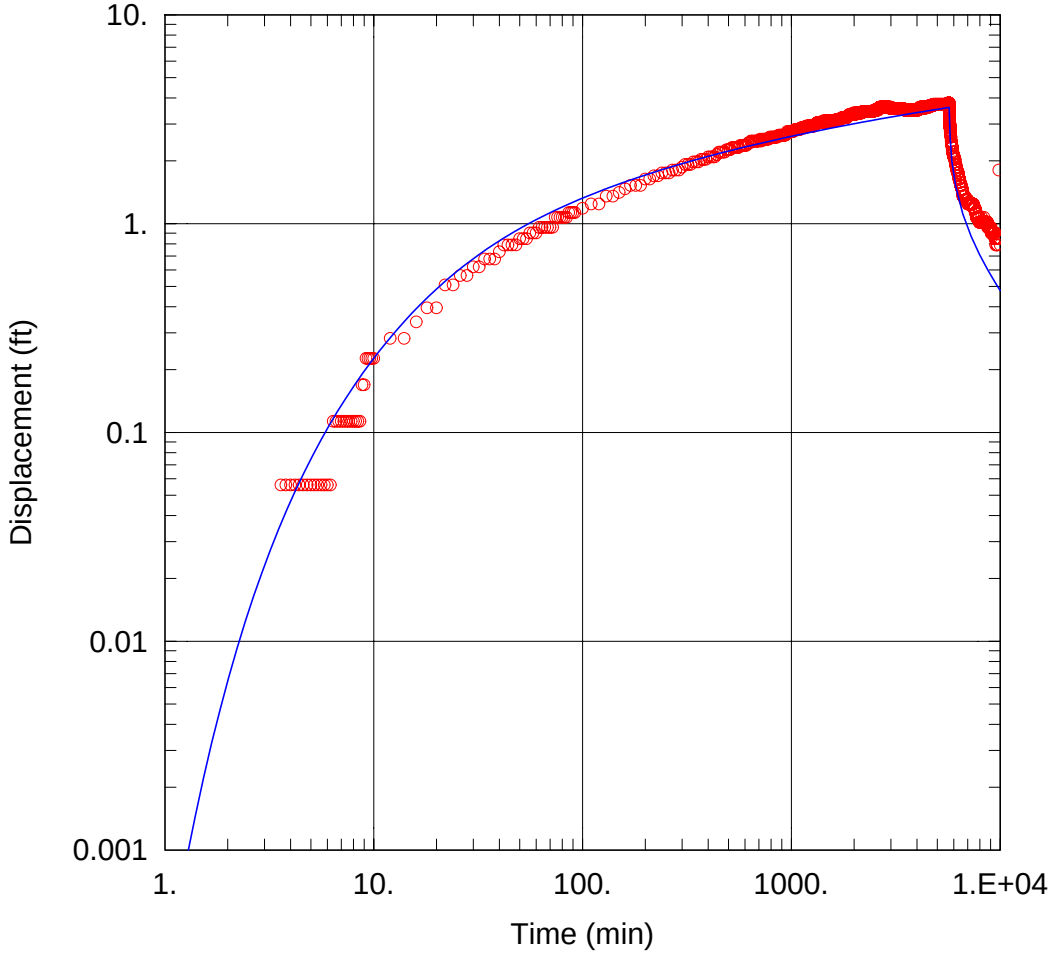
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

EW-4 PB Response to EW3 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-3 PP.aqt
Date: 02/06/04 Time: 23:23:43

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.734E+04 ft^2/day
S = 0.0004862
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

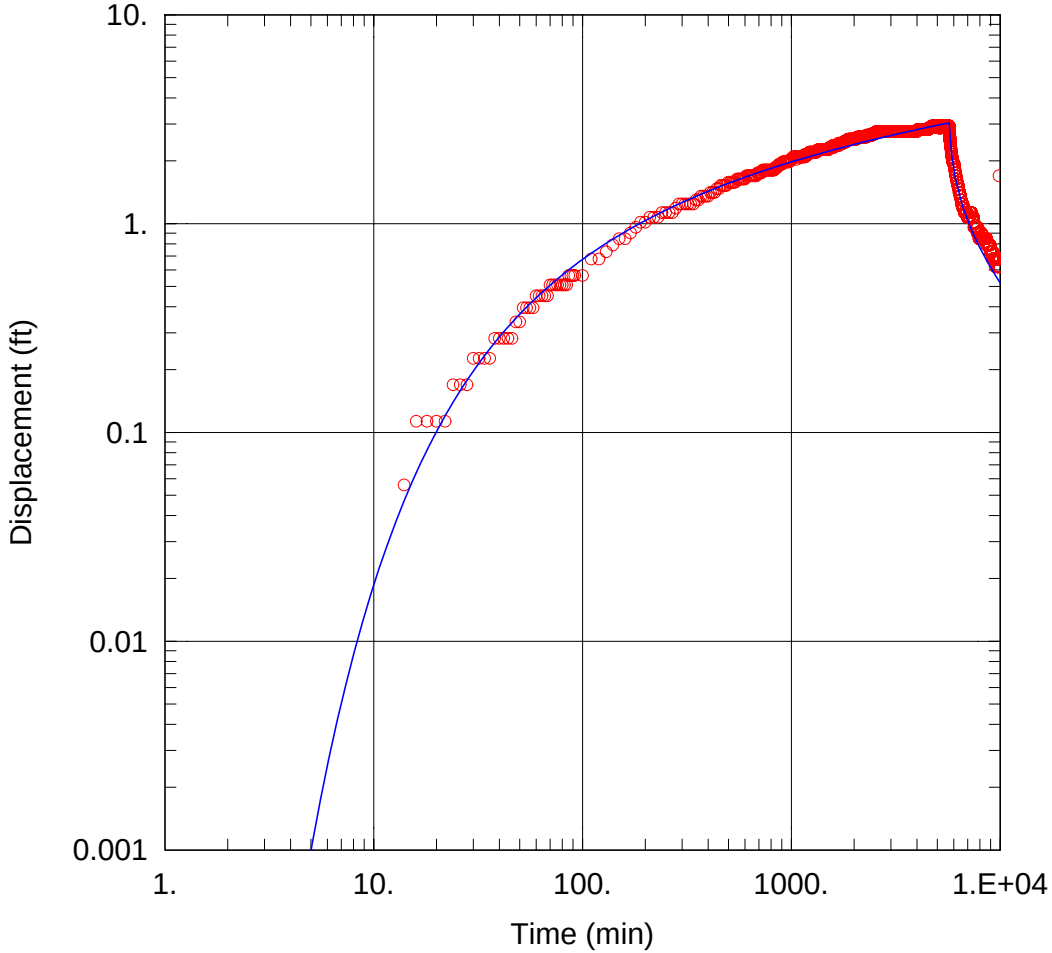
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

EW-5PB Response to EW-3 Pumping - Uncorrected 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-3.aqt
Date: 02/06/04 Time: 23:24:06

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.342E+04 ft^2/day
S = 0.0008205
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

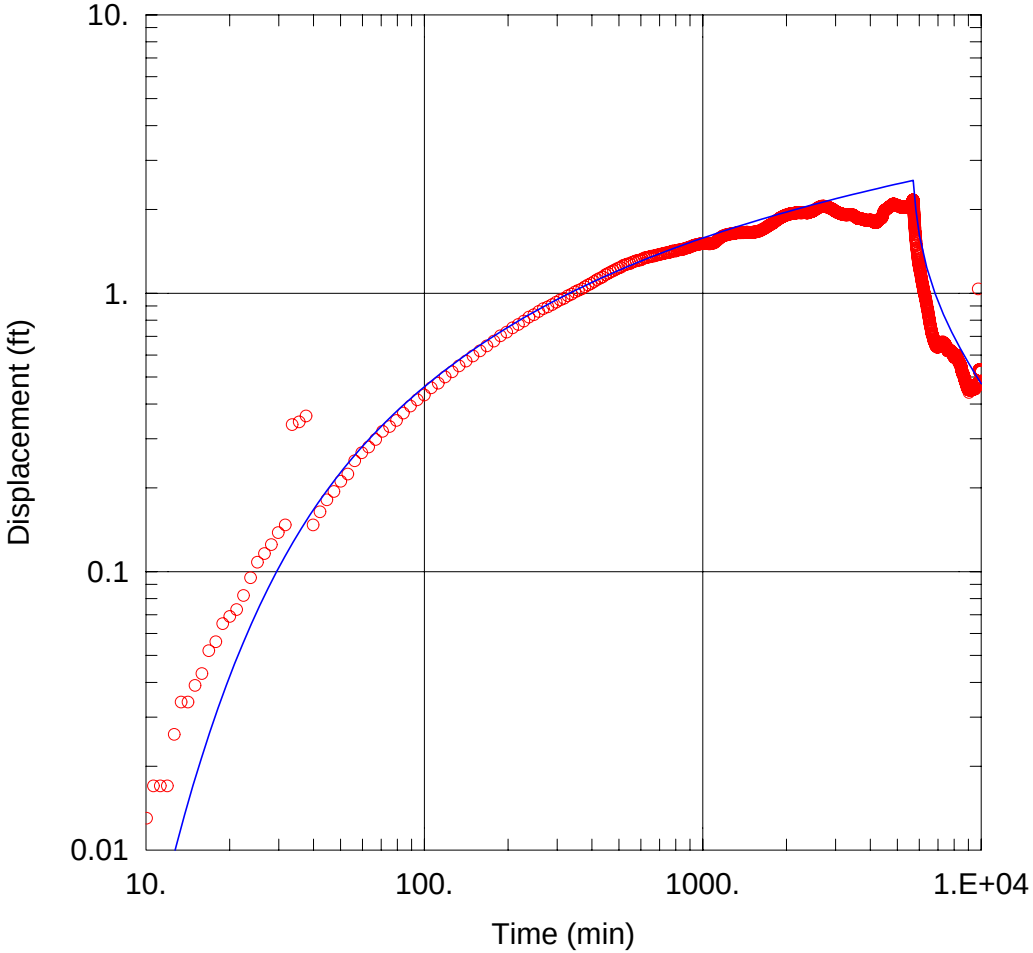
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-10B Response to EW-3 - Uncorrected Data

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



Data Set: J:\...\MW-10B TO EW-3.aqt
Date: 02/06/04 Time: 23:25:55

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.752E+04 ft^2/day
S = 0.0008764
Kz/Kr = 0.1
b = 970. ft

WELL DATA

Pumping Wells

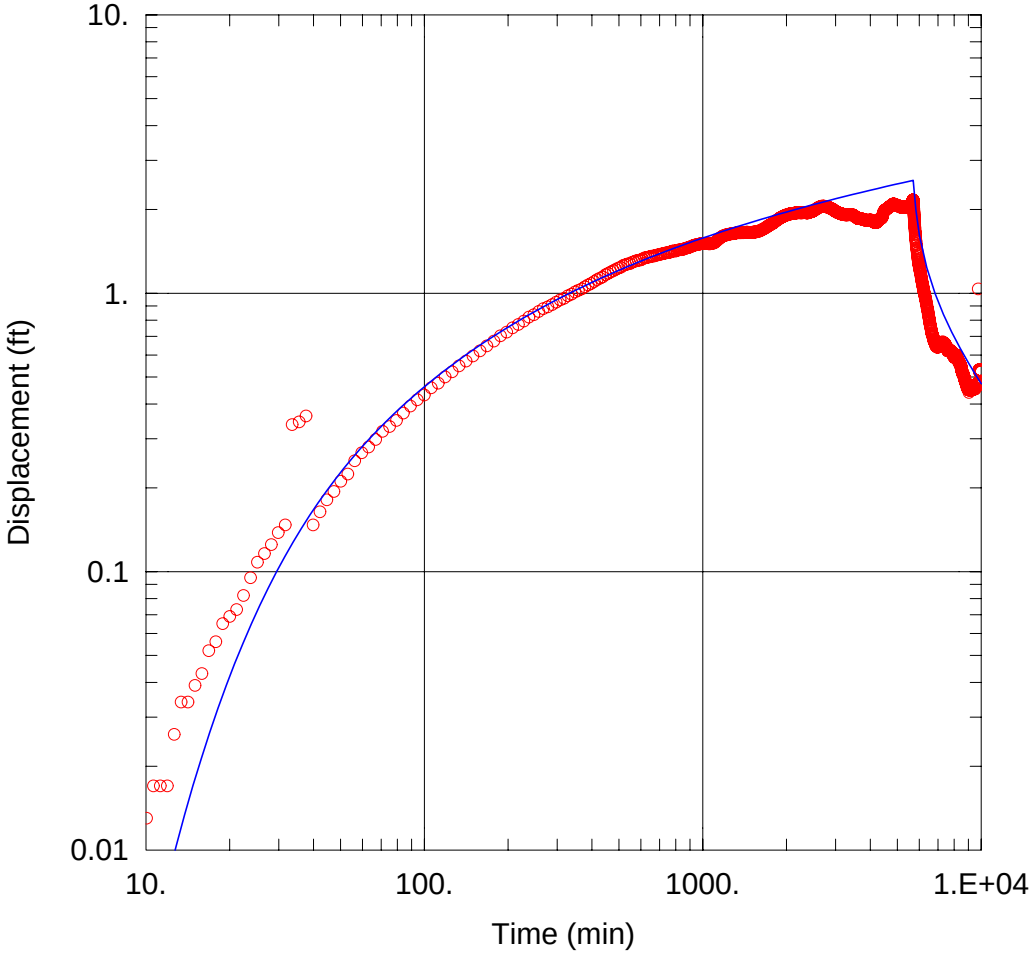
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-10B Response to EW-3 - Uncorrected Data

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



Data Set: J:\...\MW-10B TO EW-3.aqt
Date: 02/06/04 Time: 23:25:55

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.752E+04 ft^2/day
S = 0.0008764
Kz/Kr = 0.1
b = 970. ft

WELL DATA

Pumping Wells

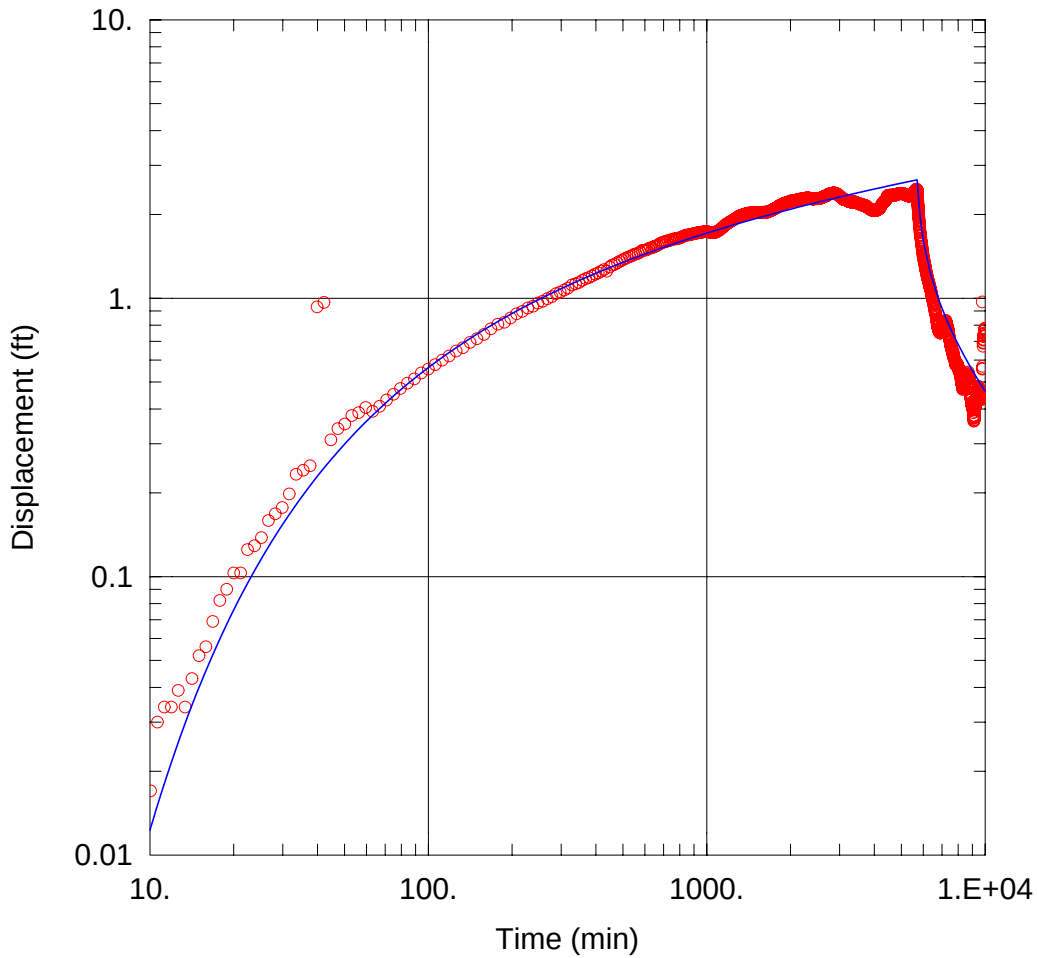
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-10C Response to EW-3 - Uncorrected Data

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



Data Set: J:\...\MW-10C TO EW-3.aqt
Date: 02/06/04 Time: 23:26:32

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.87E+04 ft^2/day
S = 0.0005679
Kz/Kr = 0.1
b = 970. ft

WELL DATA

Pumping Wells

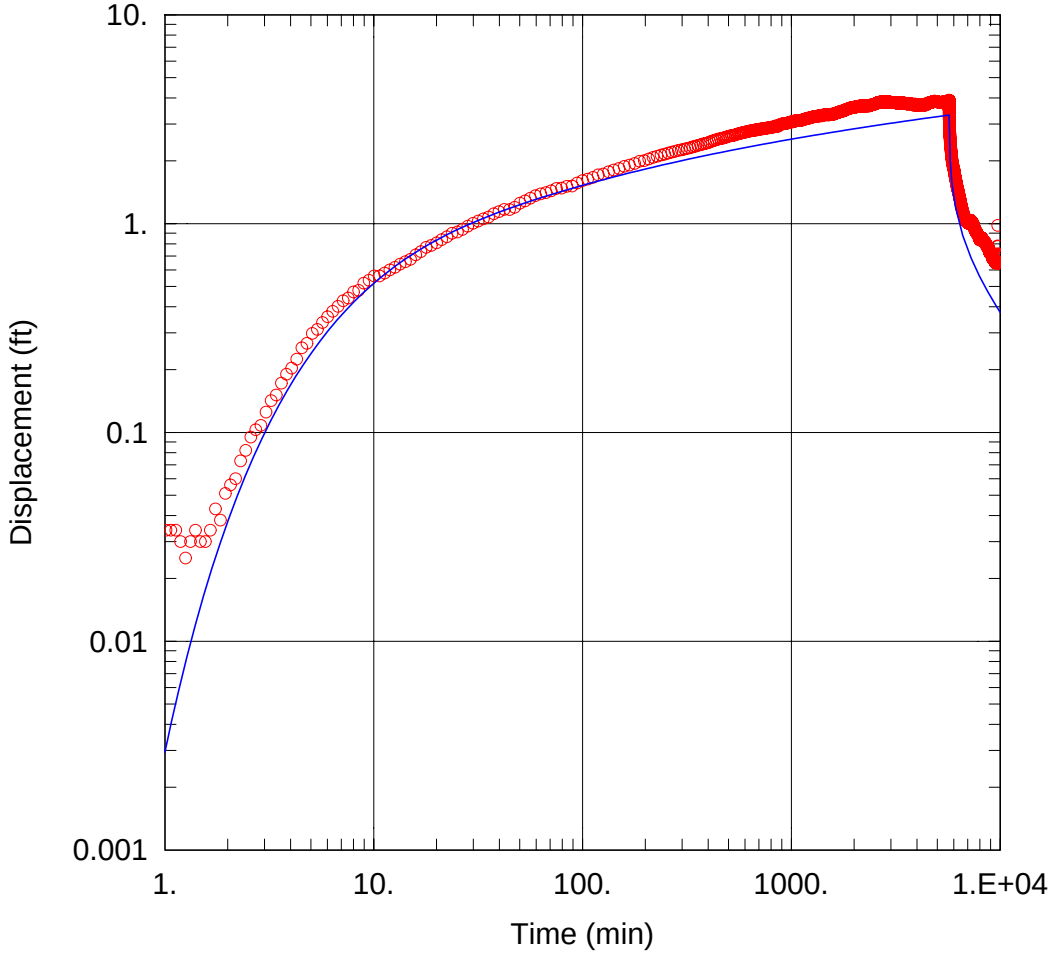
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-11A Response to EW-3 Pumping - Uncorrected 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-3 PP.aqt
Date: 02/06/04 Time: 23:26:59

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 6.017E+04 ft^2/day
S = 0.0008754
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

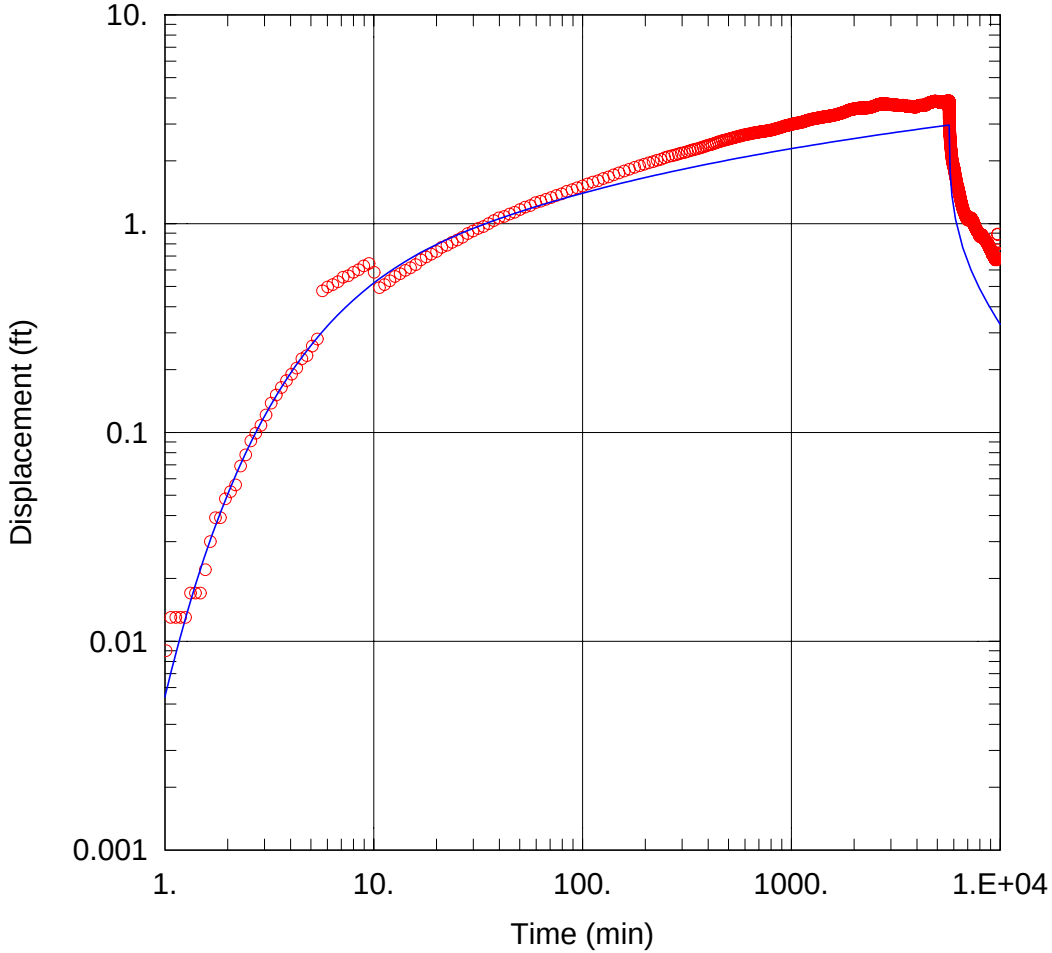
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-11B Response to EW-3 Pumping - Uncorrected Data - W/ Partial Penetration

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



Data Set: J:\...\MW-11B TO EW-3 PP.aqt
Date: 02/06/04 Time: 23:27:22

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 6.873E+04 ft^2/day
S = 0.0008466
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

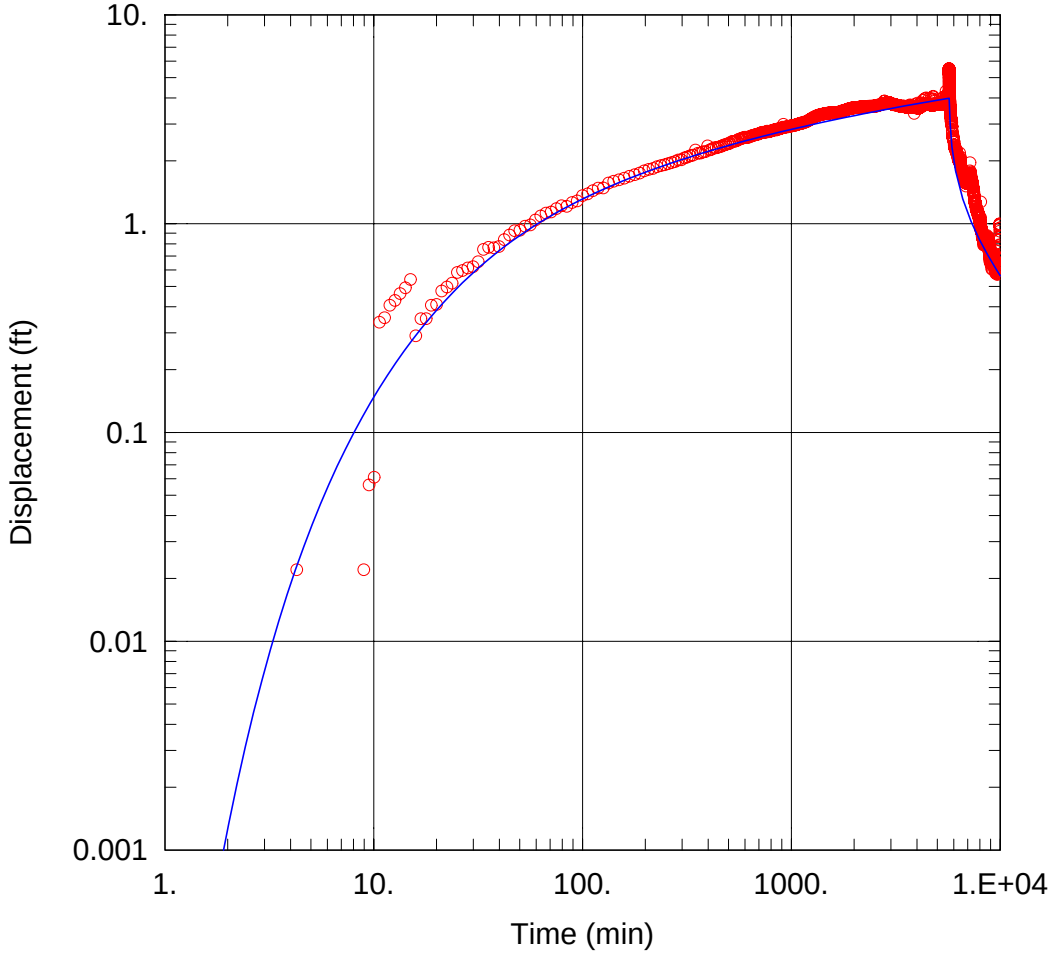
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-11C Response to EW-3 Pumping - Uncorrected Data - W/ Partial Penetration

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



Data Set: J:\...\MW-11C TO EW-3 PP.aqt
Date: 02/06/04 Time: 23:27:47

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.018E+04 ft^2/day
S = 0.0005772
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

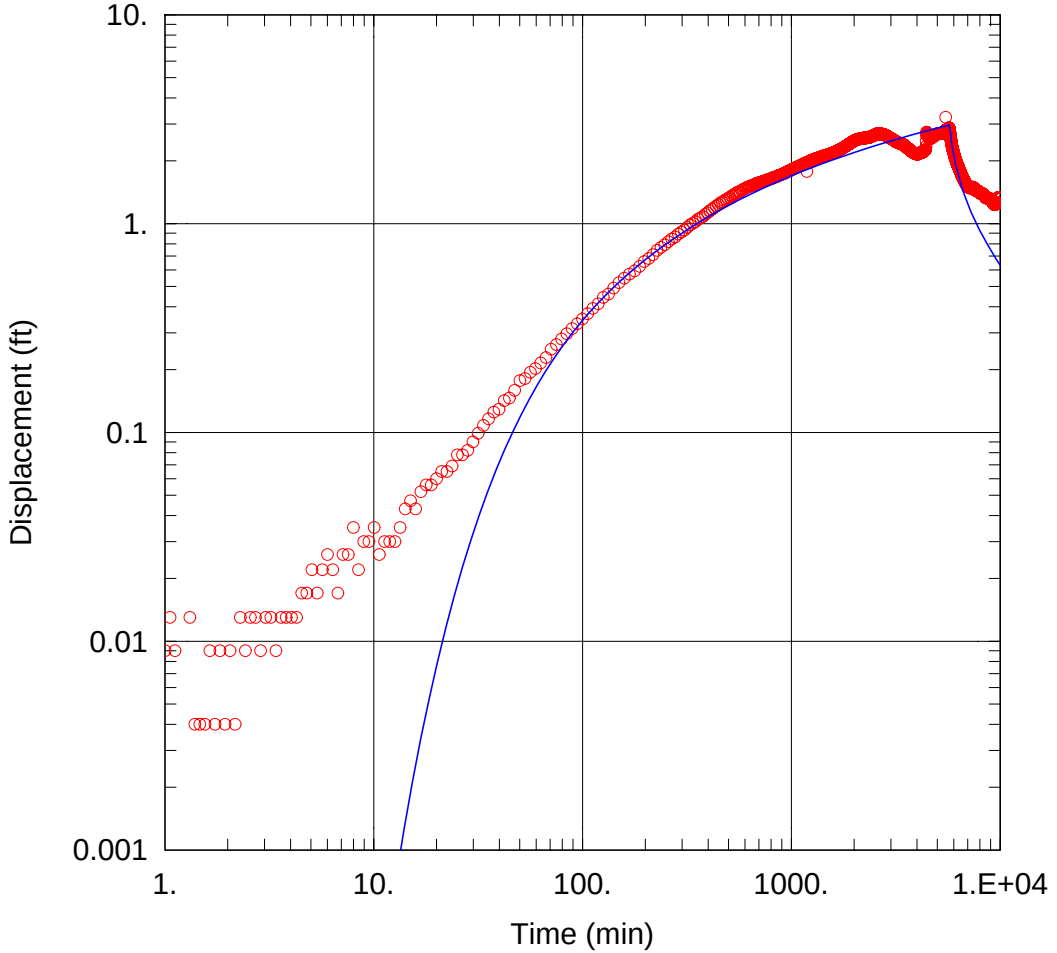
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-12B Response to EW-3 Pumping - Uncorrected Data - w/Partial Penetration

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



Data Set: J:\...\MW-12B TO EW-3 PP.aqt
Date: 02/06/04 Time: 23:28:26

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.549E+04 ft^2/day
S = 0.001243
Kz/Kr = 0.1
b = 970. ft

WELL DATA

Pumping Wells

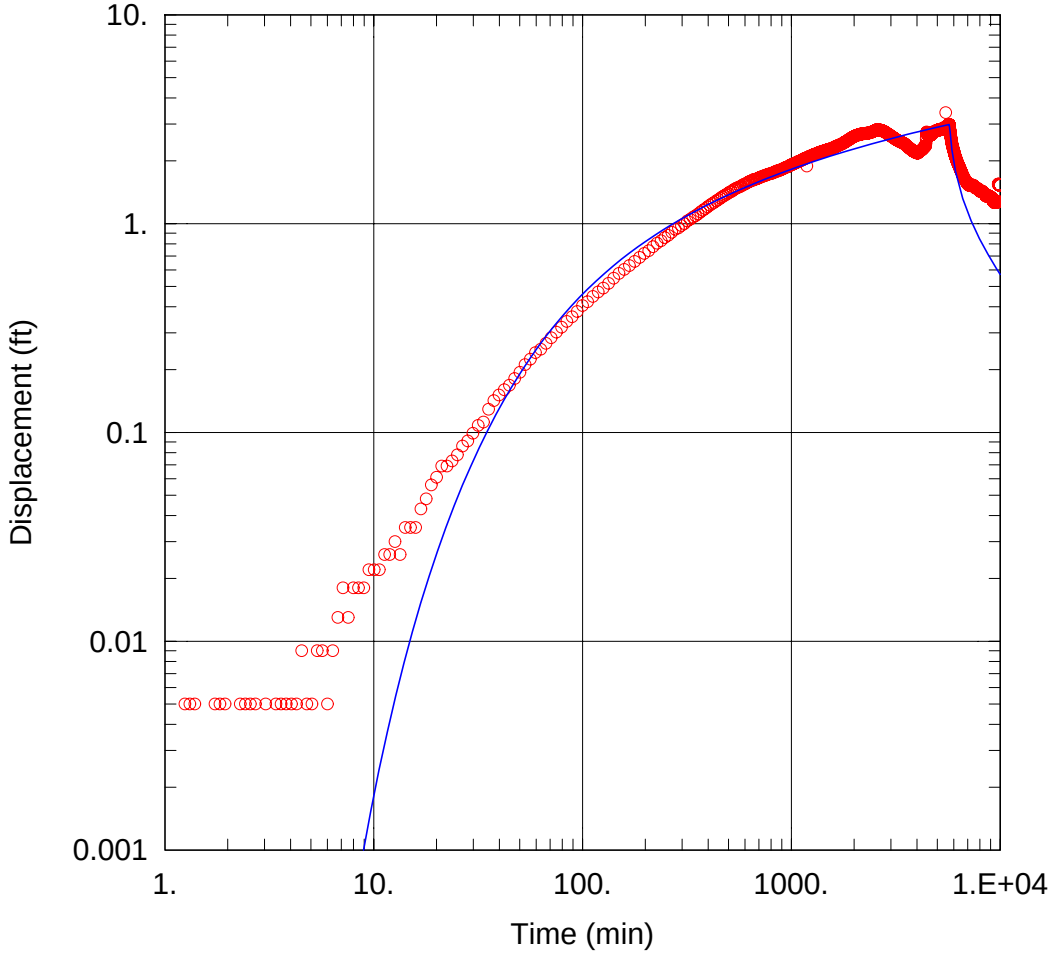
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-12C Response to EW-3 Pumping - Uncorrected Data - w/Partial Penetration

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



Data Set: J:\...\MW-12C TO EW-3 PP.aqt
Date: 02/06/04 Time: 23:29:00

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.944E+04 ft^2/day
S = 0.0006985
Kz/Kr = 0.1
b = 970. ft

WELL DATA

Pumping Wells

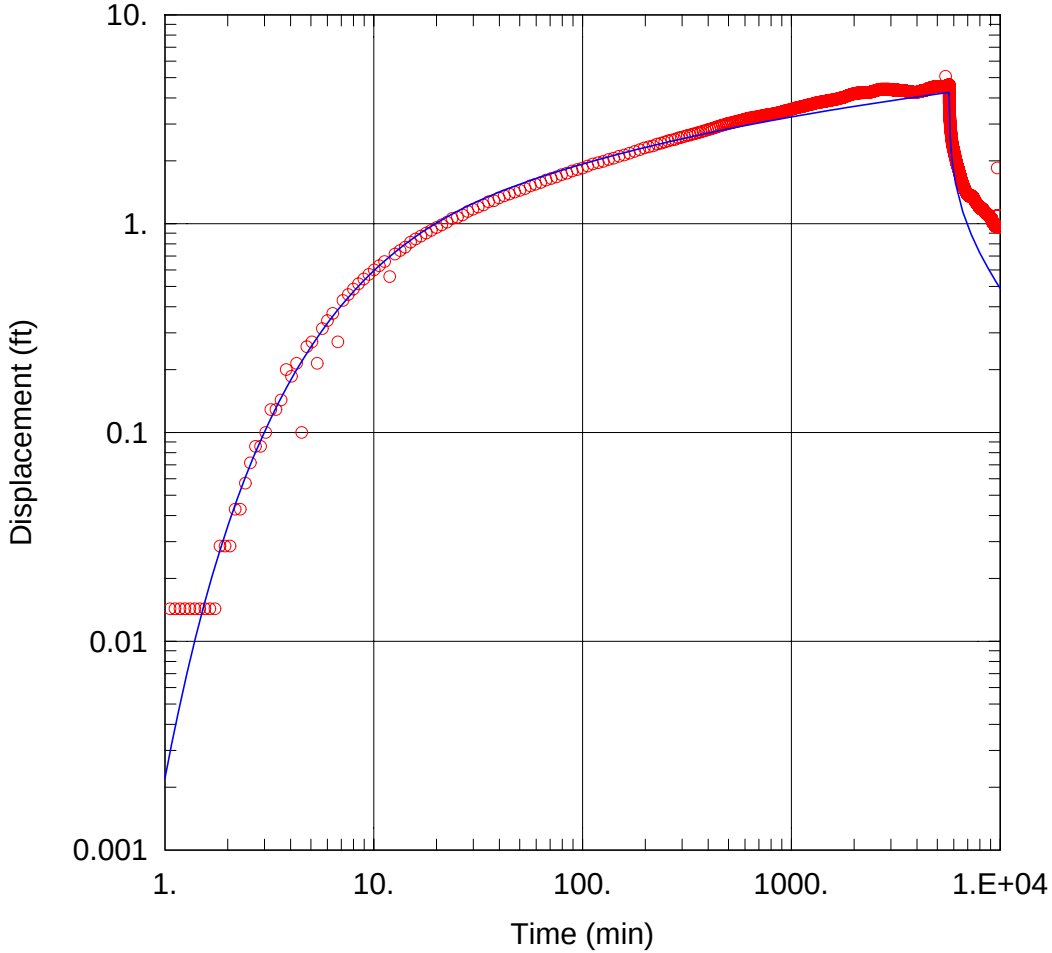
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-13B Response to EW-3 Pumping - Uncorrected Data - w/ Partial Penetration

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



Data Set: J:\...\MW-13B TO EW-3 PP.aqt
Date: 02/06/04 Time: 23:29:43

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.623E+04 ft^2/day
S = 0.0009262
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

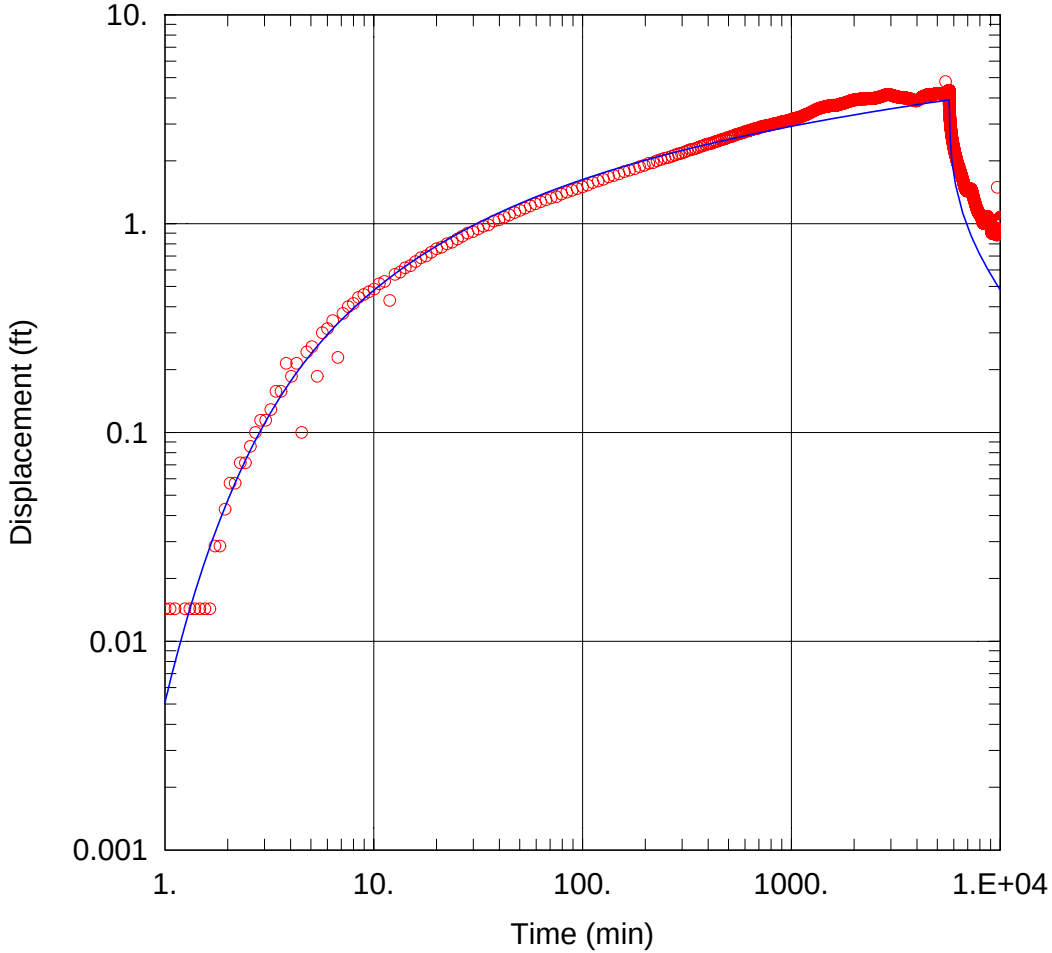
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-13C Response to EW-3 Pumping - Uncorrected Data - w/ Partial Penetration

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



Data Set: J:\...\MW-13C TO EW-3 PP.aqt
Date: 02/06/04 Time: 23:30:04

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.703E+04 ft^2/day
S = 0.000653
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

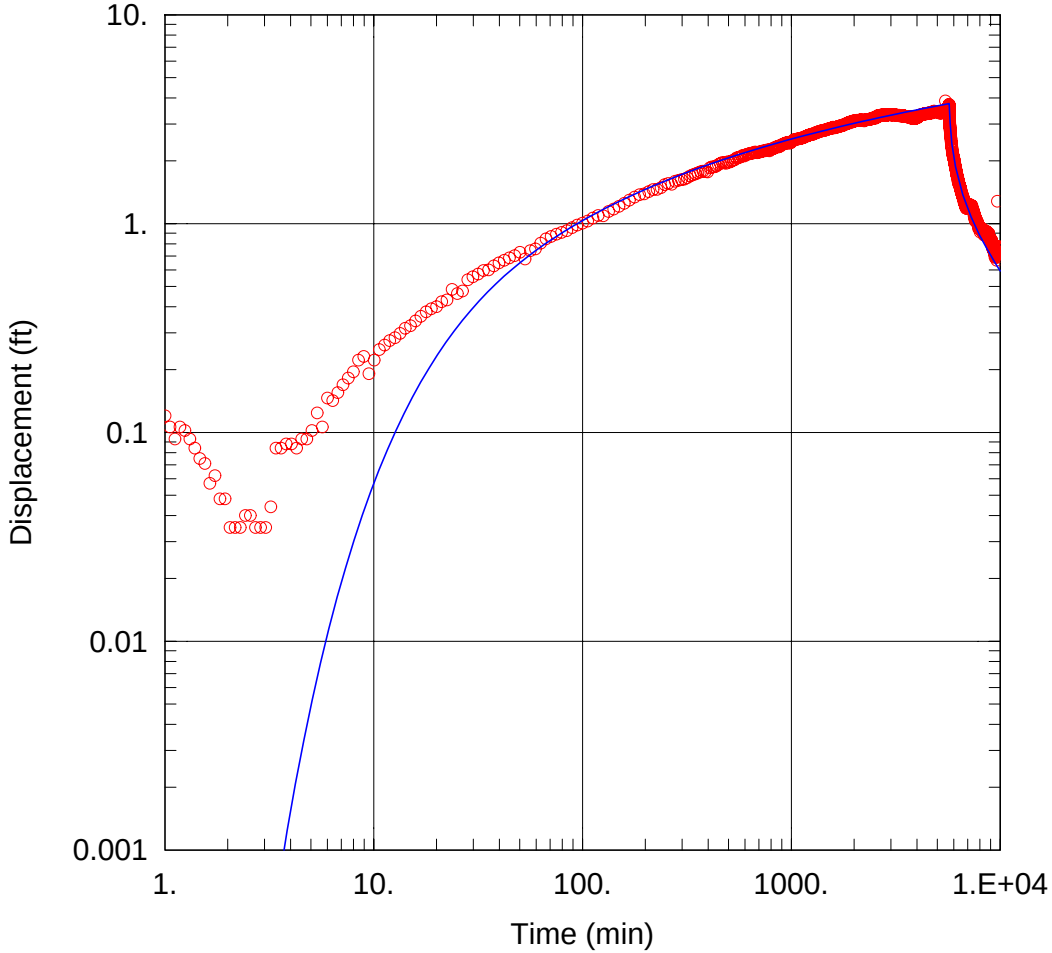
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-14B Response To EW-3 Pumping - Uncorrected Data w/ Partial Penetration

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



Data Set: J:\...\MW-14B TO EW-3 PP.aqt
Date: 02/06/04 Time: 23:30:34

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.802E+04 ft^2/day
S = 0.001046
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

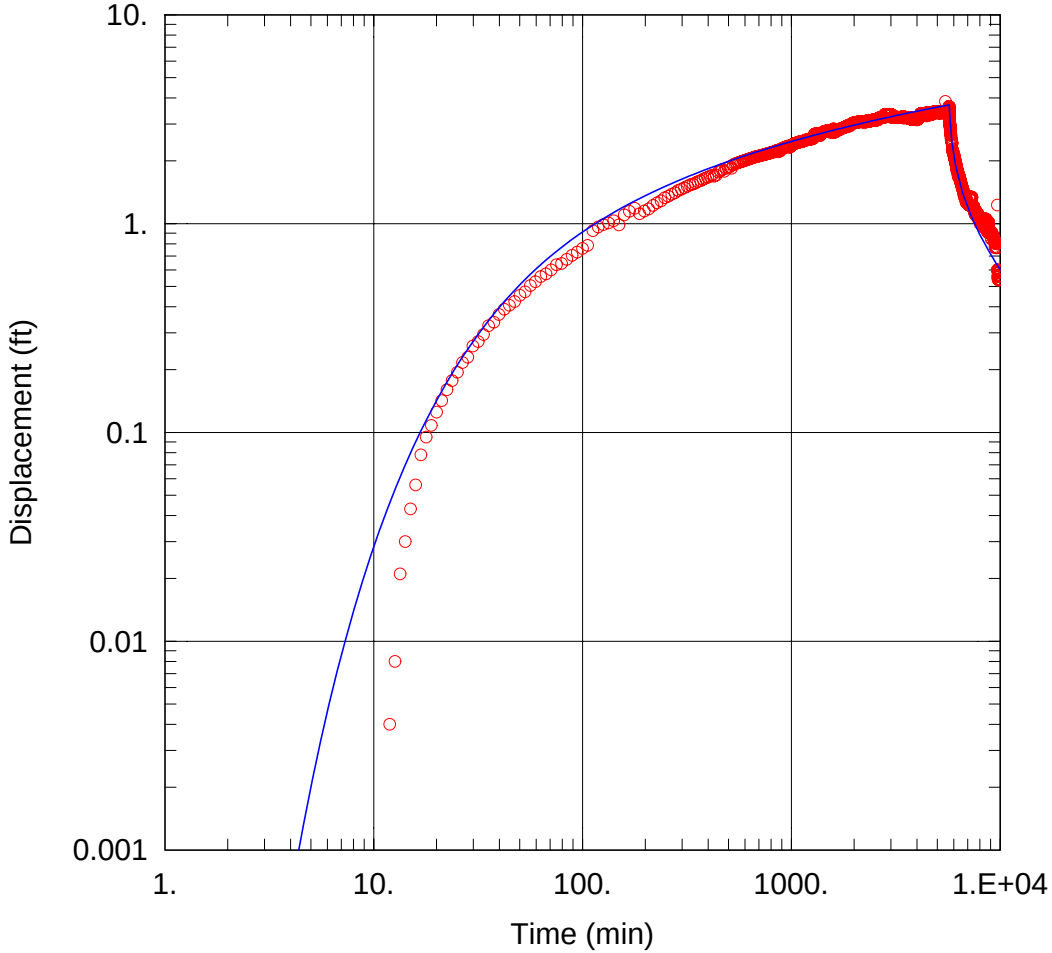
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-14C Response To EW-3 Pumping - Uncorrected Data w/ Partial Penetration

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



Data Set: J:\...\MW-14C TO EW-3 PP.aqt
Date: 02/06/04 Time: 23:30:58

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.761E+04 ft^2/day
S = 0.0006796
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

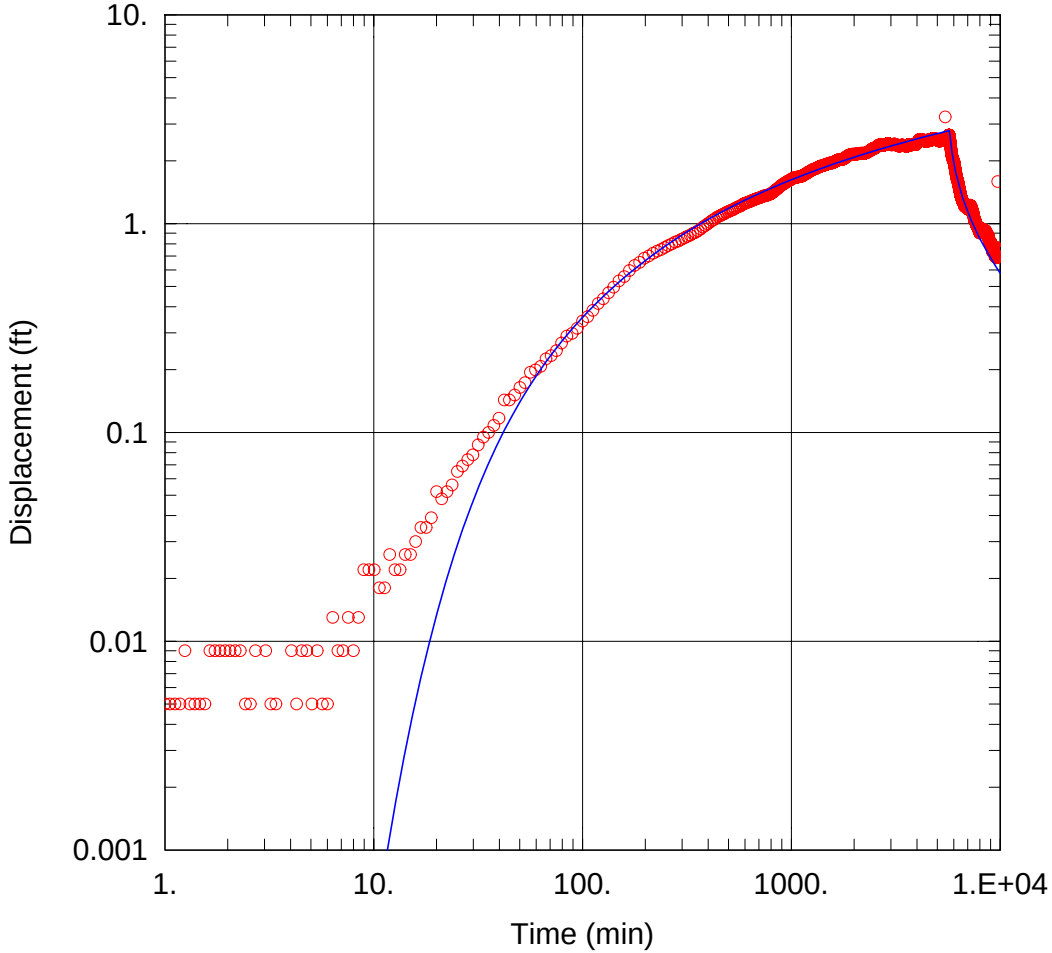
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-15A Response to EW-3 Pumping - Uncorrected 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-3 PP.aqt
Date: 02/06/04 Time: 23:31:21

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.882E+04 ft^2/day
S = 0.0007472
Kz/Kr = 0.1
b = 970. ft

WELL DATA

Pumping Wells

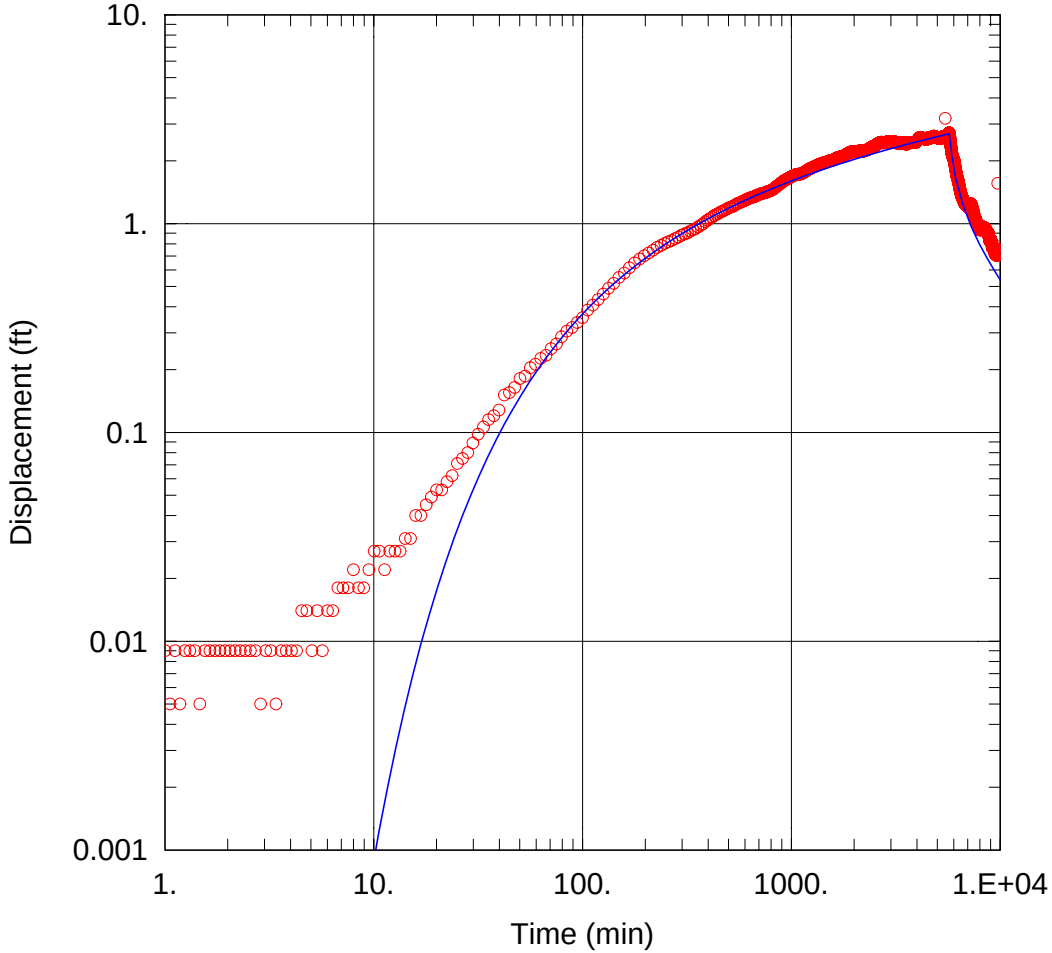
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-15B Response to EW-3 Pumping - Uncorrected Data

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



Data Set: J:\...\MW-15B TO EW-3.aqt
Date: 02/06/04 Time: 23:31:43

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.176E+04 ft^2/day
S = 0.000632
Kz/Kr = 0.1
b = 970. ft

WELL DATA

Pumping Wells

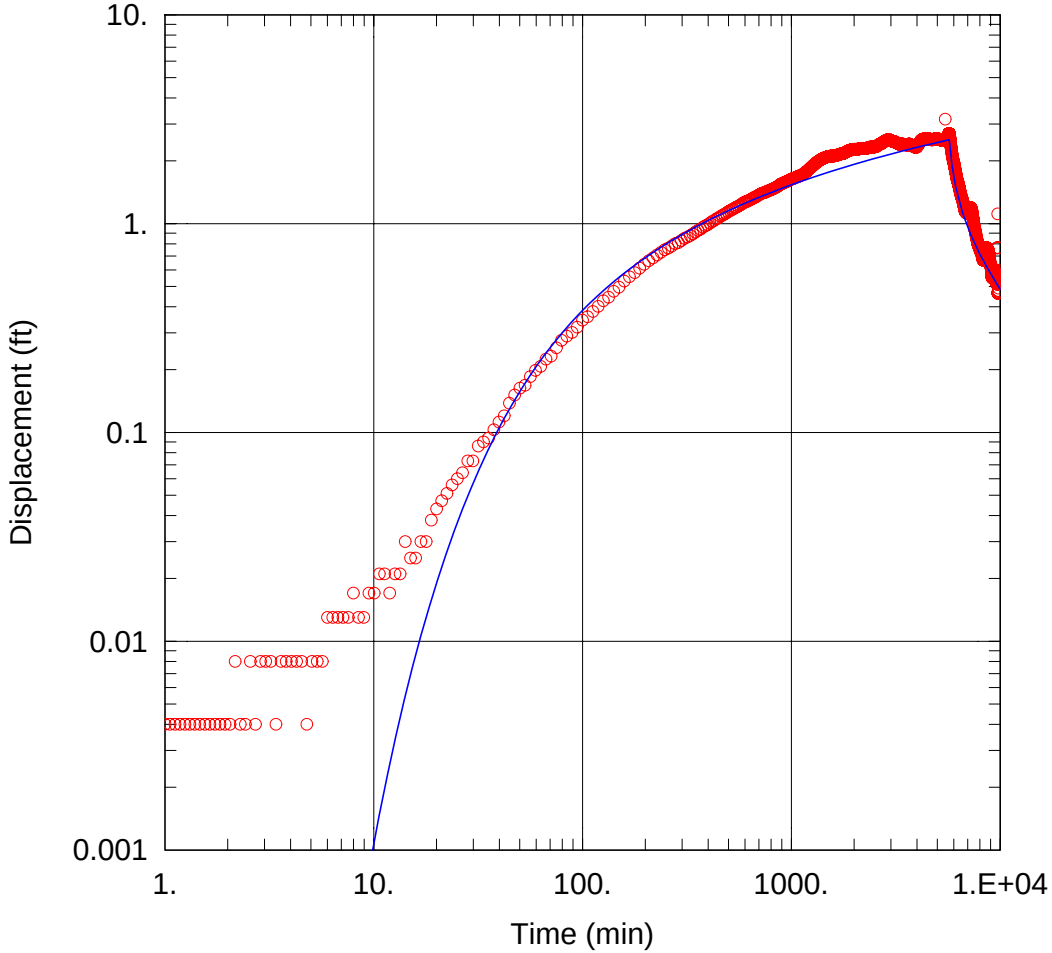
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

MW-15C Response to EW-3 Pumping - Uncorrected Data

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



Data Set: J:\...\MW-15C TO EW-3.aqt
Date: 02/06/04 Time: 23:32:14

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.641E+04 ft^2/day
S = 0.0005569
Kz/Kr = 0.1
b = 970. ft

WELL DATA

Pumping Wells

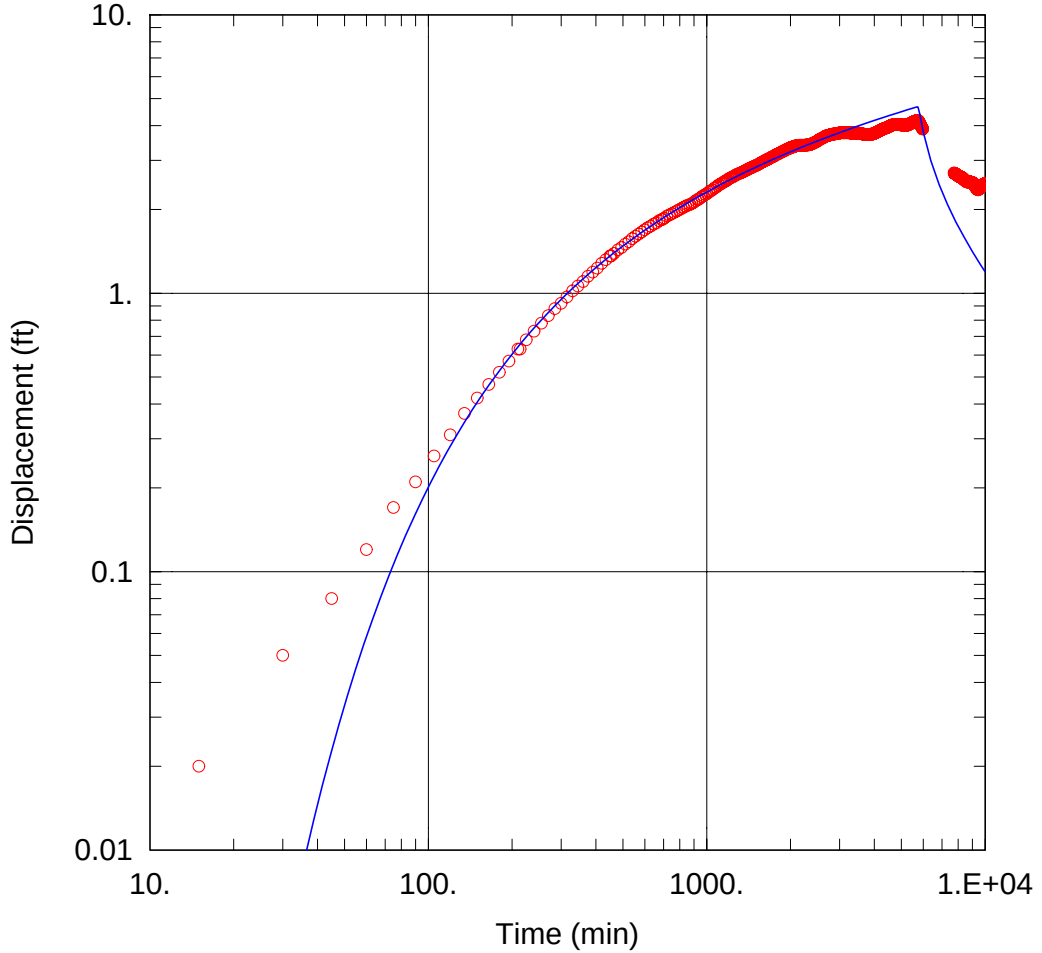
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

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

Meadowbrook Park C Response to EW-3 Pumping - Uncorrected Data

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



Data Set: J:\...\Meadow C TO EW-3.aqt
Date: 02/06/04 Time: 23:25:08

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1.862E+04 ft^2/day
S = 0.0002005
Kz/Kr = 0.1
b = 970. ft

WELL DATA

Pumping Wells

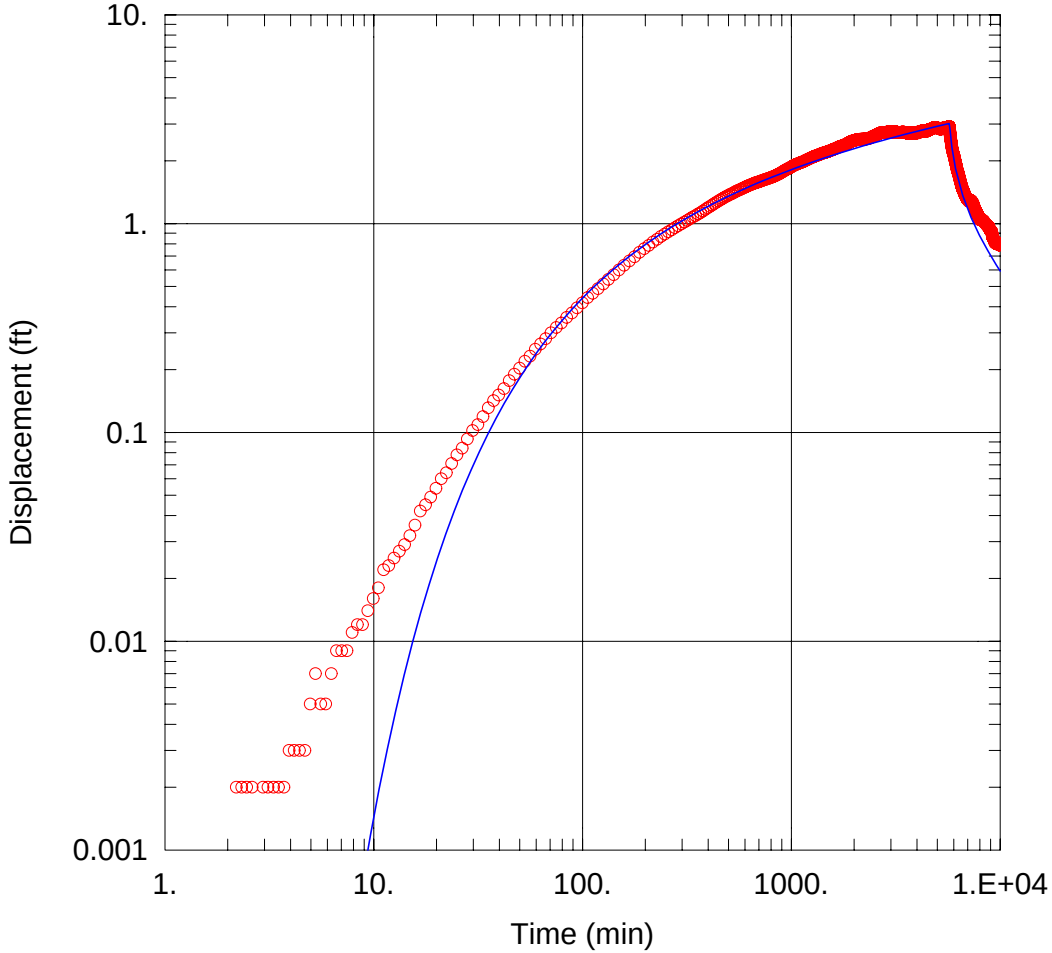
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

Well Name	X (ft)	Y (ft)
○ MBP C	6777674	1861051

7th St Response to EW-3 - Uncorrected Data

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



Data Set: J:\...\7th St TO EW-3.aqt
Date: 02/06/04 Time: 19:20:42

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.796E+04 ft^2/day
S = 0.0005128
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

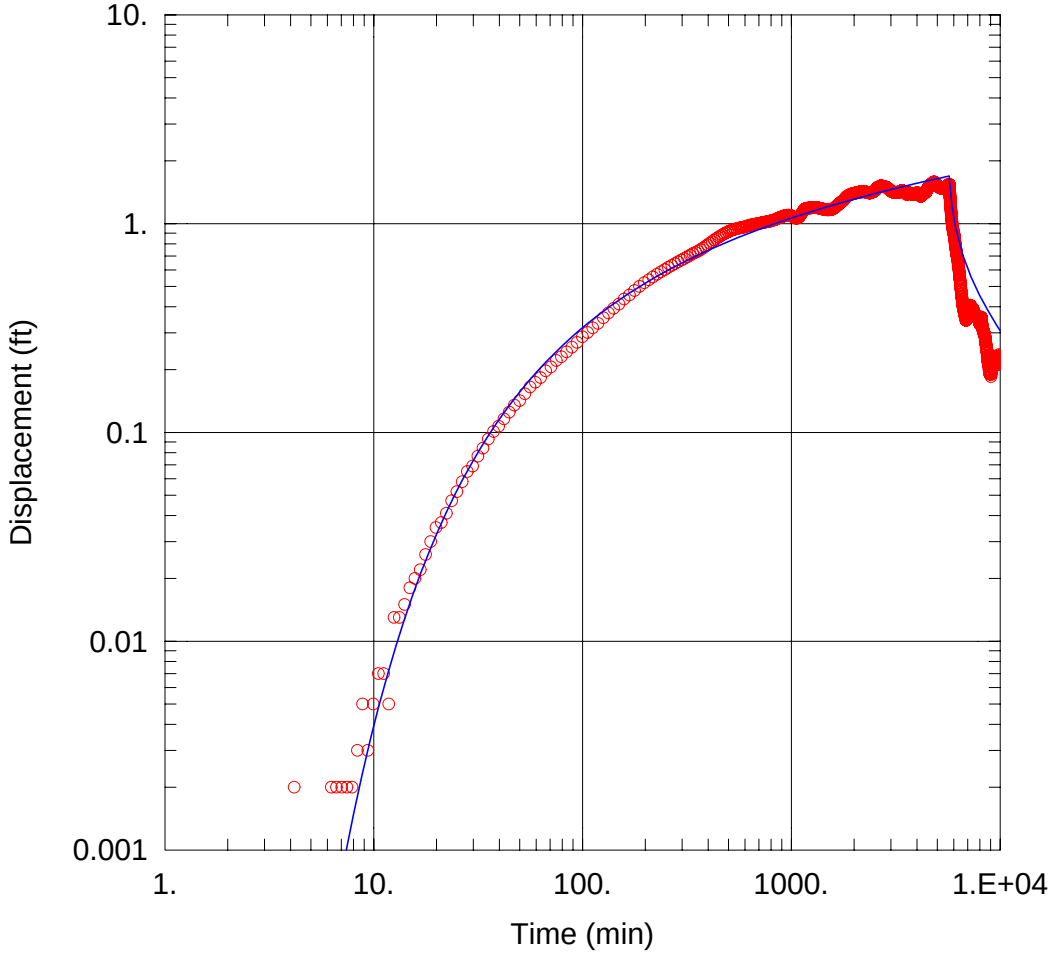
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

Well Name	X (ft)	Y (ft)
○ 7th St	6779216.6	1864532

16th St Response to EW-3 - Uncorrected Data

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



Data Set: J:\...\16th St TO EW-3.aqt
Date: 02/06/04 Time: 23:21:53

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 7.35E+04 ft^2/day
S = 0.0006924
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

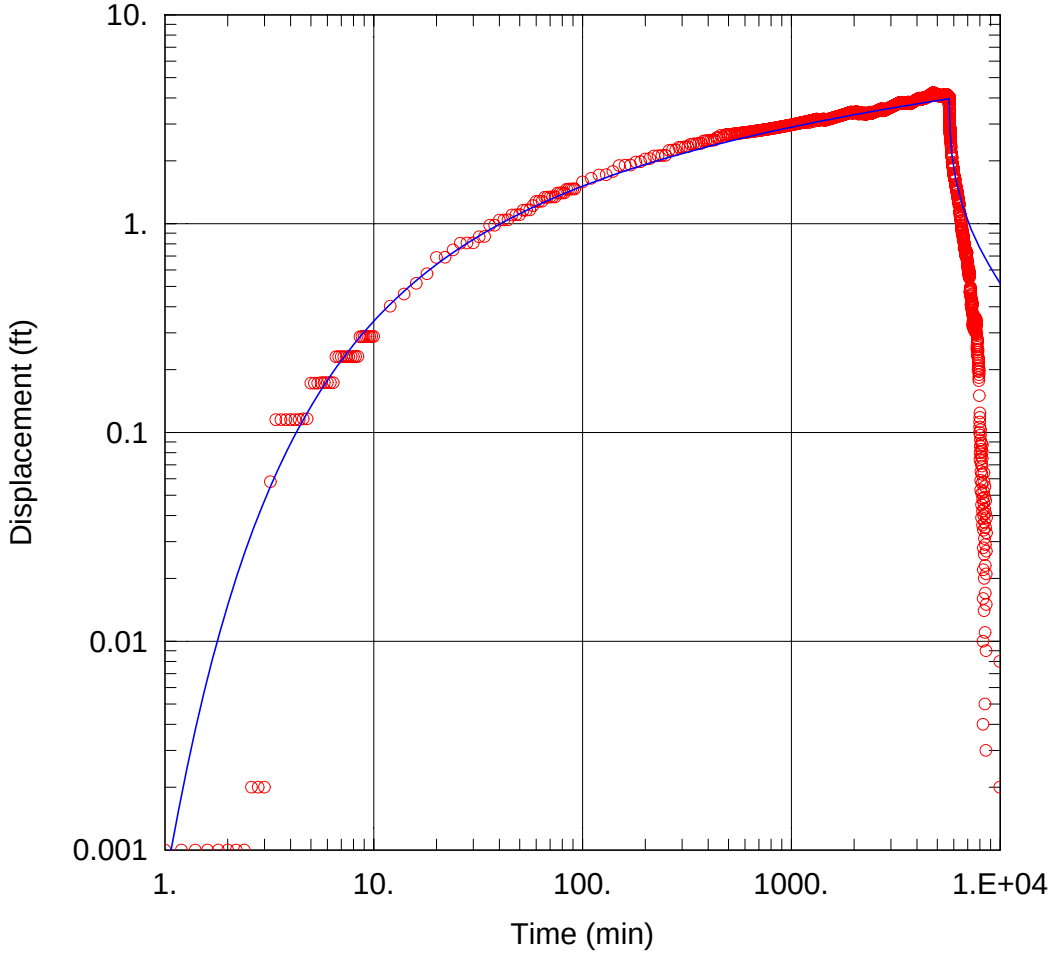
Well Name	X (ft)	Y (ft)
EW-3	6777151.5	1866775.6

Observation Wells

Well Name	X (ft)	Y (ft)
○ 16th St	6779216.6	1864532

EW-1B Response to EW-2 Pumping - w/Partial Penetration

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



Data Set: J:\...\EW-1B TO EW-2(TC) PP.AQT
Date: 02/07/04 Time: 01:25:34

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.933E+04 ft^2/day
S = 0.0007465
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

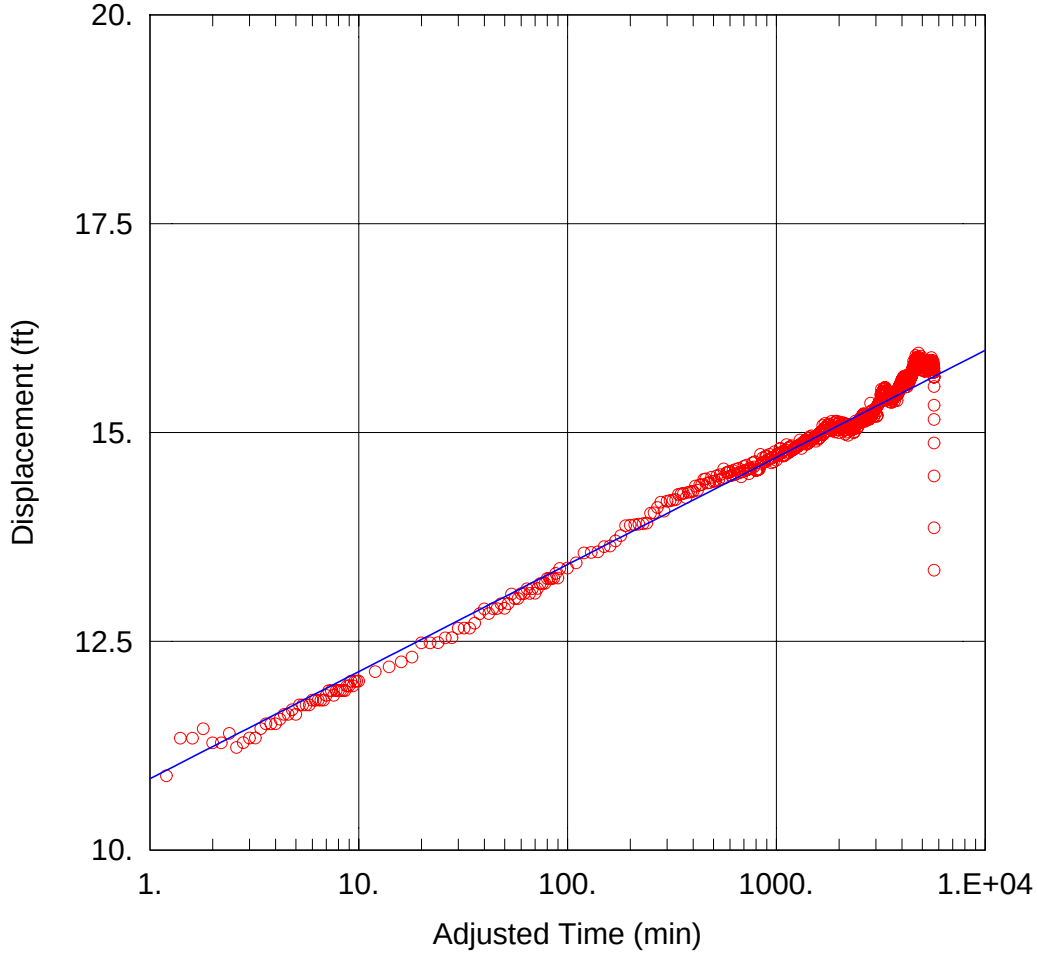
Well Name	X (ft)	Y (ft)
EW-2	6776471.8	1866741.9

Observation Wells

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

EW-2B Response to EW-2 Pumping - Trend-Corrected Data

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



Data Set: J:\...\EW-2B TO EW-2(TC).AQT
Date: 02/07/04 Time: 01:24:27

SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Jacob

T = 5.437E+04 ft^2/day
S = 2.5E-07

AQUIFER DATA

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

WELL DATA

Pumping Wells

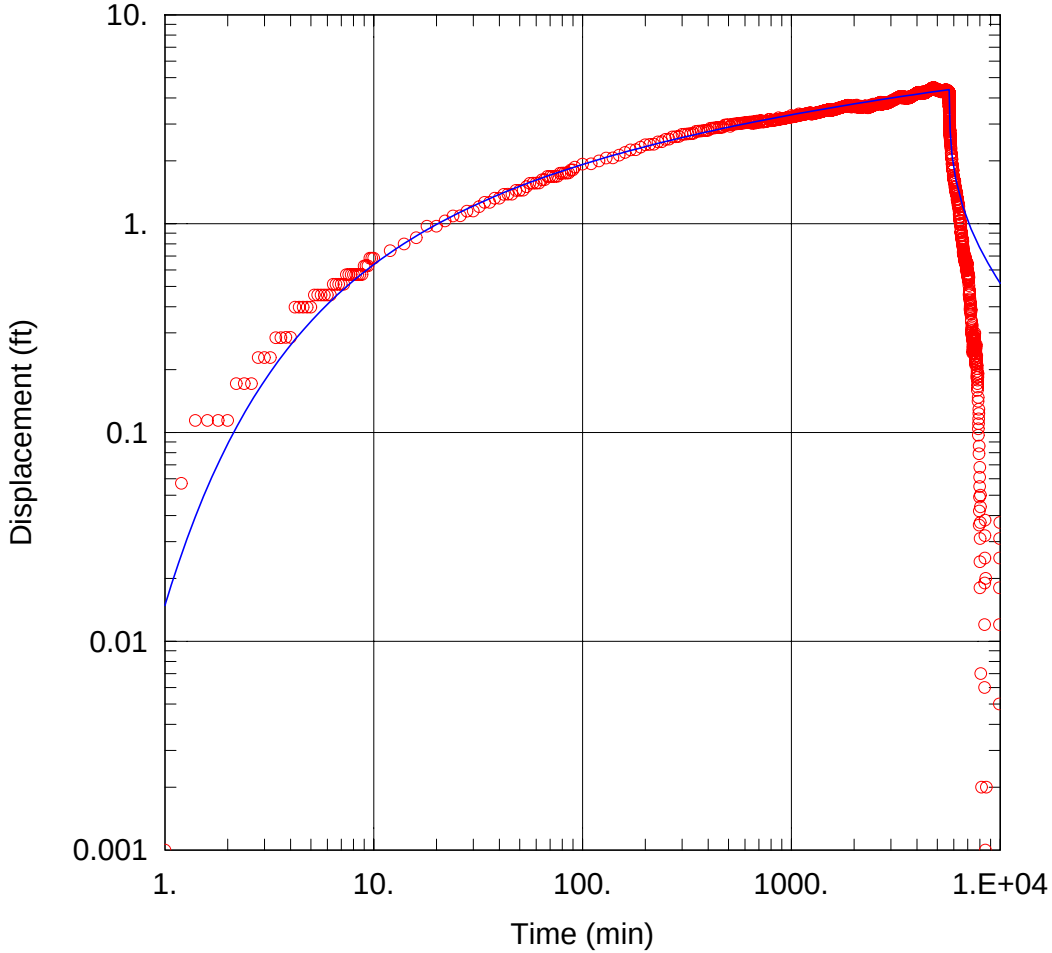
Well Name	X (ft)	Y (ft)
EW-2	6776471.8	1866741.9

Observation Wells

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

EW-3B Response to EW-2 Pumping - w/Partial Penetration

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



Data Set: J:\...\EW-3B TO EW-2(TC) PP.AQT
Date: 02/07/04 Time: 01:24:07

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.933E+04 ft^2/day
S = 0.0007465
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

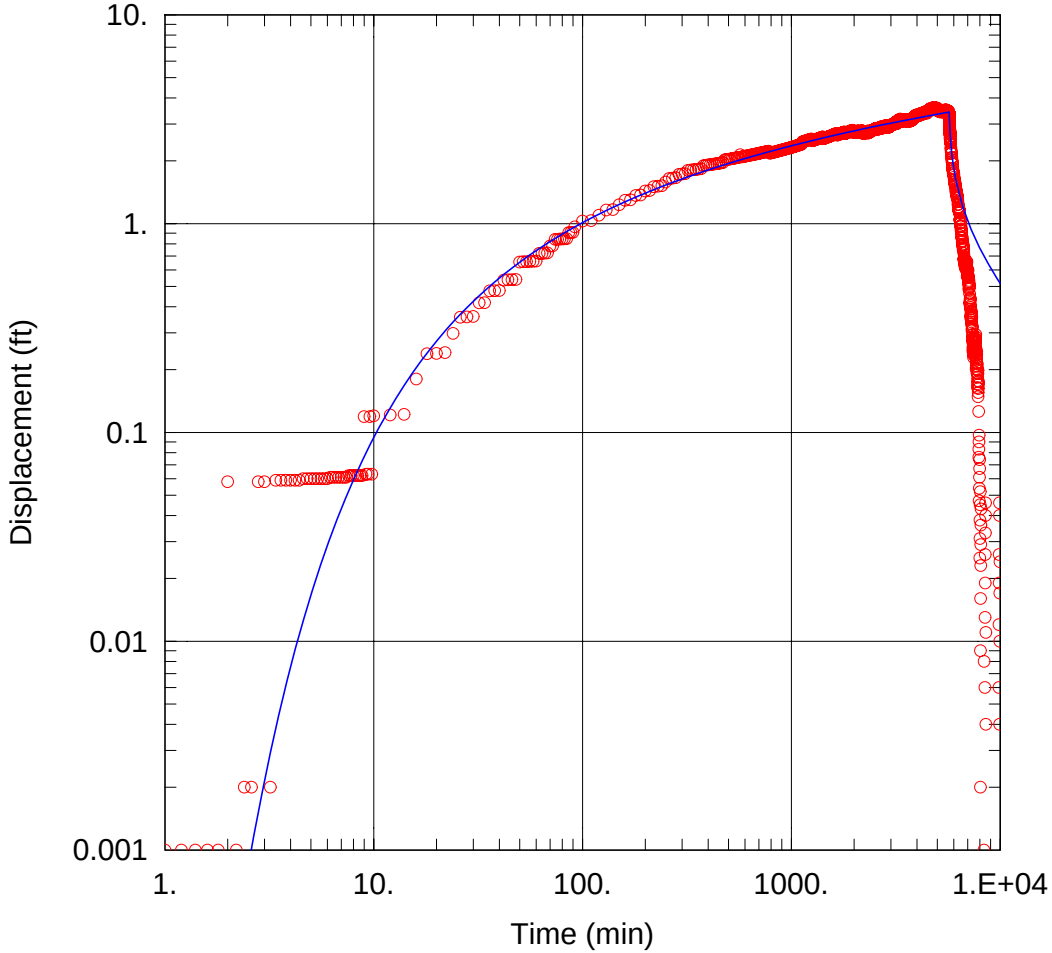
Well Name	X (ft)	Y (ft)
EW-2	6776471.8	1866741.9

Observation Wells

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

EW-4B Response to EW-2 Pumping - w/Partial Penetration

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



Data Set: J:\...\EW-4B TO EW-2(TC) PP.AQT
Date: 02/07/04 Time: 01:23:05

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.933E+04 ft^2/day
S = 0.0007465
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

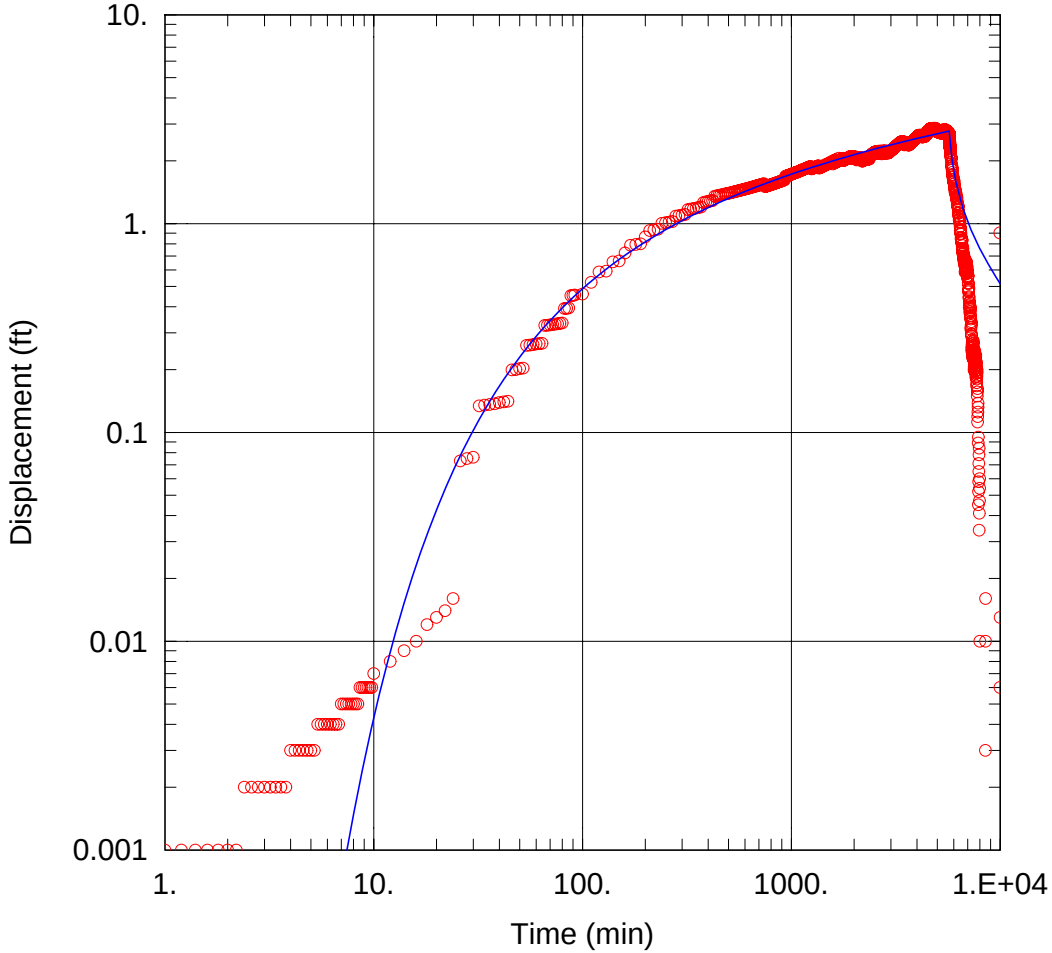
Well Name	X (ft)	Y (ft)
EW-2	6776471.8	1866741.9

Observation Wells

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

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

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



Data Set: J:\...\EW-5B TO EW-2(TC).AQT
Date: 02/07/04 Time: 01:21:42

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.933E+04 ft^2/day
S = 0.0007465
Kz/Kr = 0.1
b = 780. ft

WELL DATA

Pumping Wells

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

Observation Wells

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