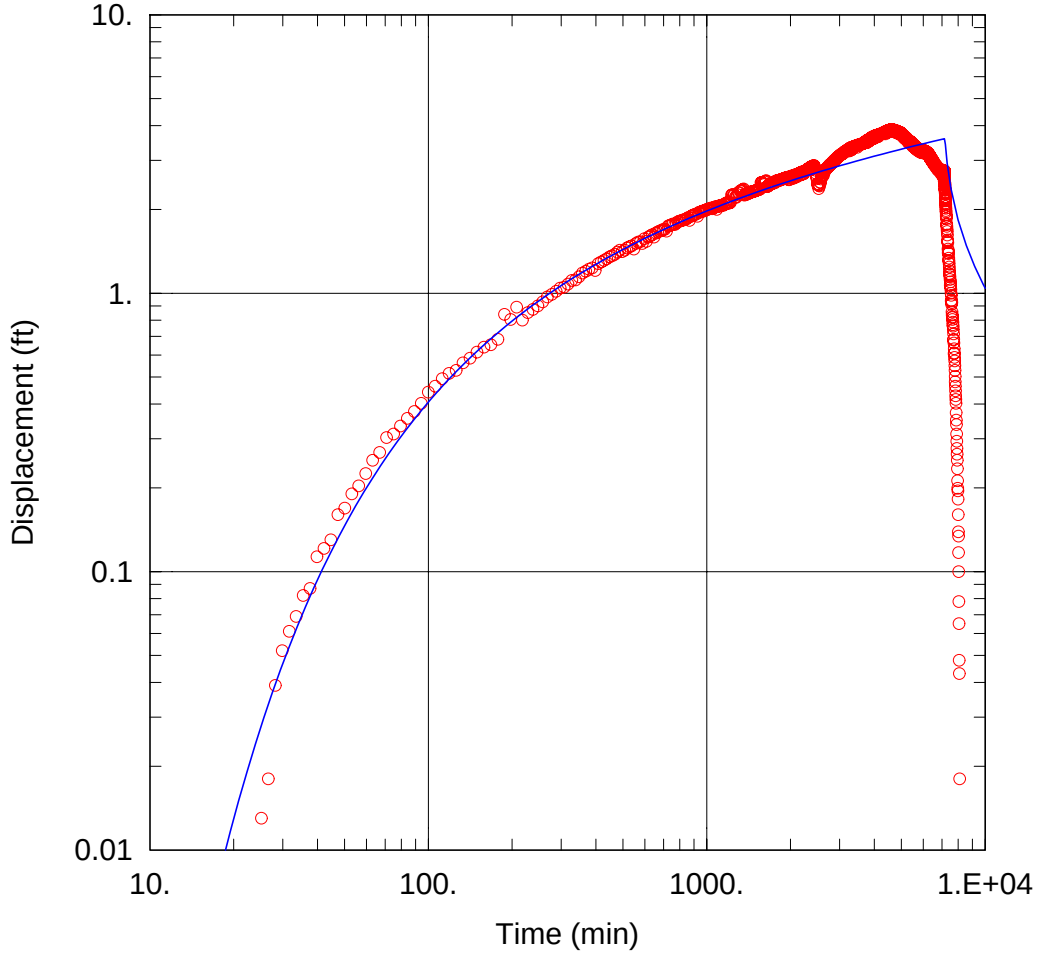
MW-14C Response To EW-1 Pumping - Uncorrected Data

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



Data Set: J:\...\MW-14C TO EW-1.aqt
Date: 02/07/04 Time: 01:35:46

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.732E+04 ft^2/day
S = 0.000721
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

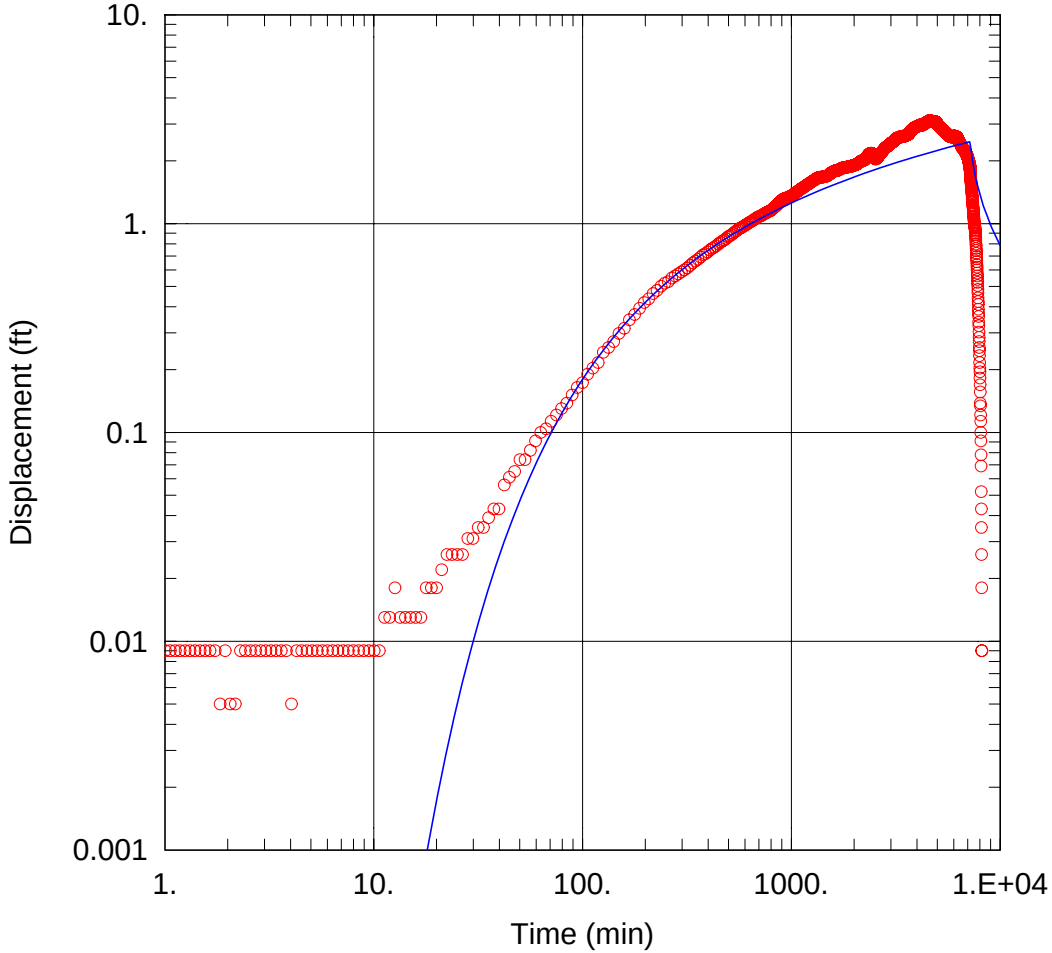
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

MW-15A Response to EW-1 Pumping - Uncorrected Data

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



Data Set: J:\...\MW-15A TO EW-1.aqt
Date: 02/07/04 Time: 01:36:04

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.919E+04 ft^2/day
S = 0.0005666
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

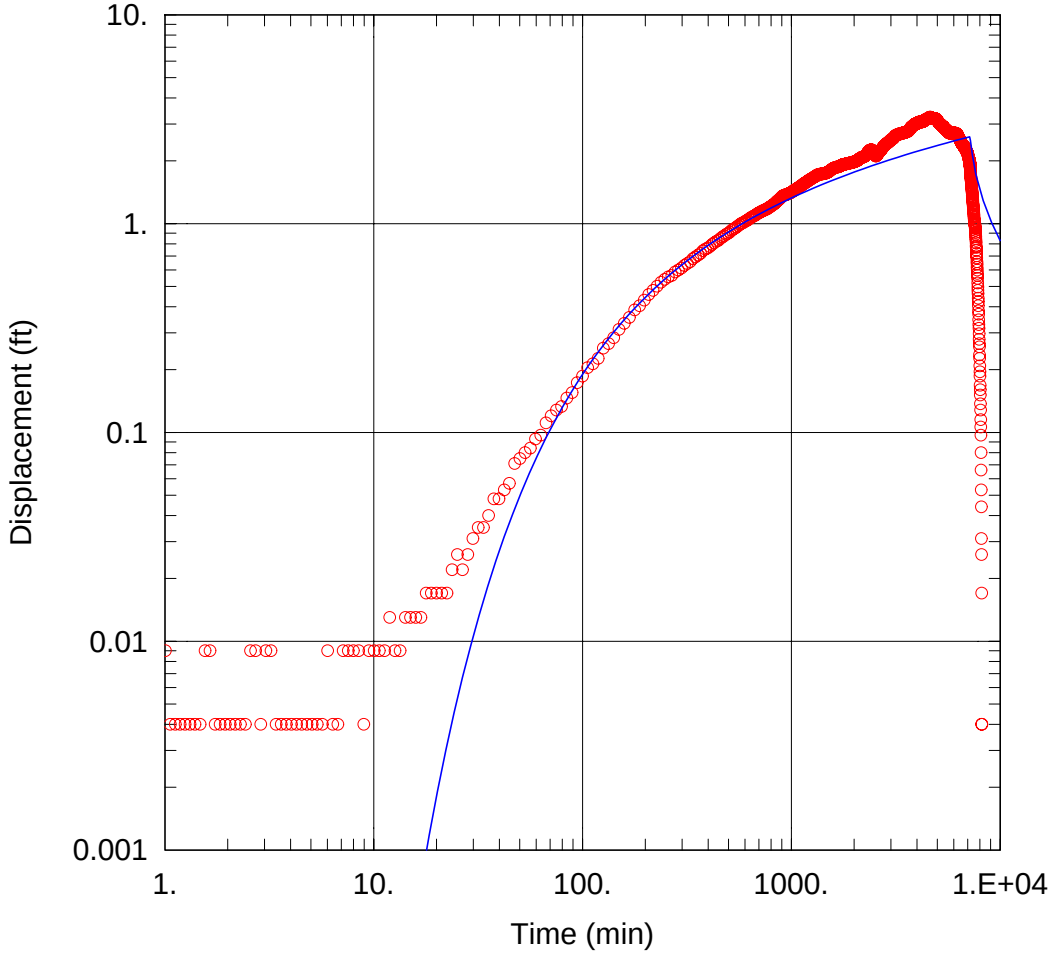
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

MW-15B Response to EW-1 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-1.aqt
Date: 02/07/04 Time: 01:36:28

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.657E+04 ft^2/day
S = 0.0005365
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

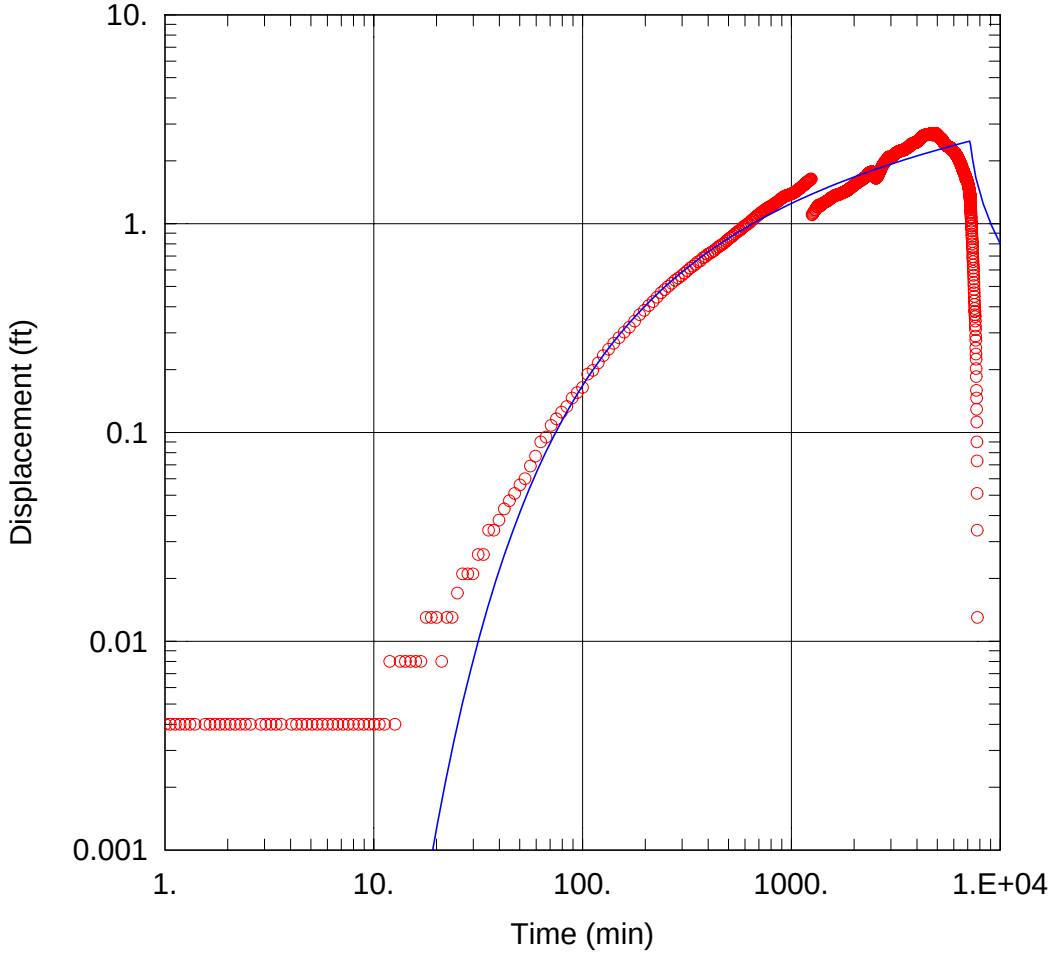
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

MW-15C Response to EW-1 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-1.aqt
Date: 02/07/04 Time: 01:36:45

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.81E+04 ft^2/day
S = 0.0005879
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

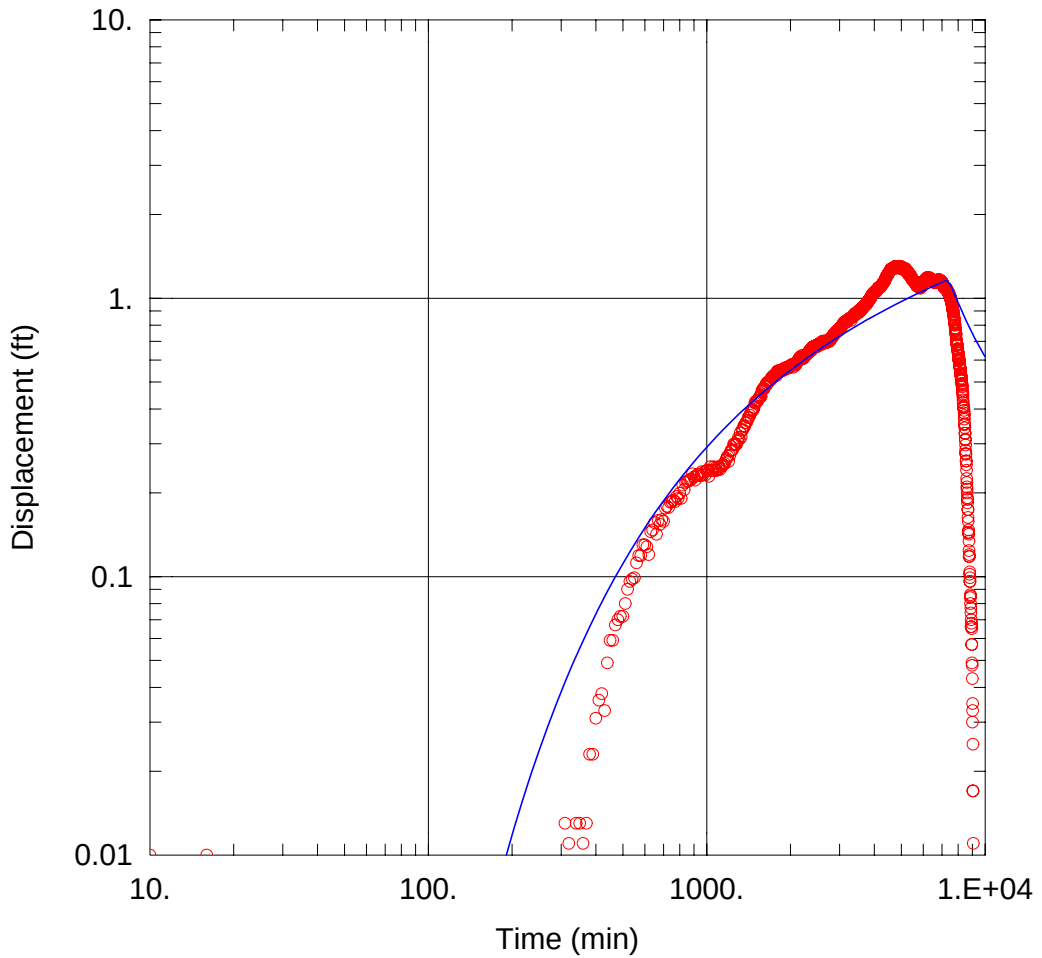
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

MW-128C Response to EW-1 - Uncorrected Data

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



Data Set: J:\...\MW-128C TO EW-1.aqt
Date: 02/07/04 Time: 01:37:09

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.767E+04 ft^2/day
S = 0.0008336
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

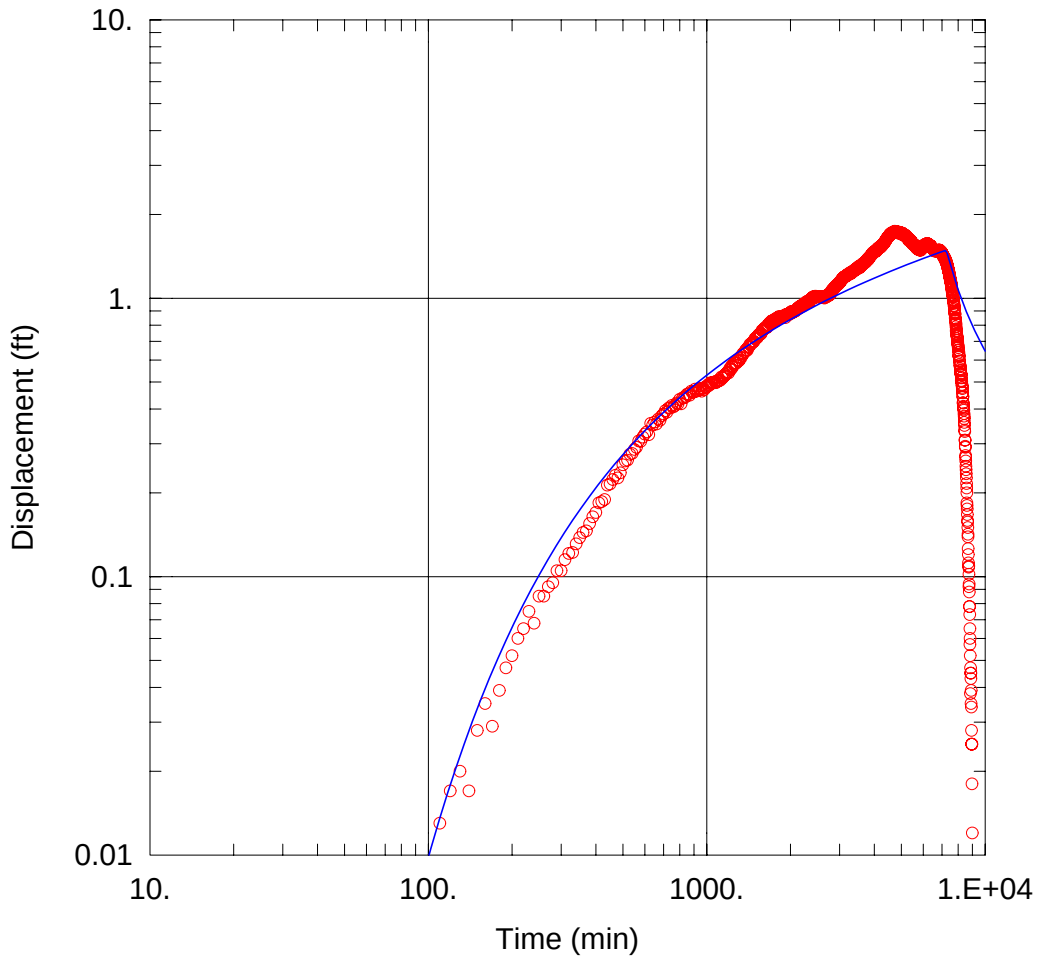
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-128C	6768012.1	1873207.2

MW-130C Response to EW-1 - Uncorrected Data

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



Data Set: J:\...\MW-130C TO EW-1.aqt
Date: 02/07/04 Time: 01:37:29

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.767E+04 ft^2/day
S = 0.0008336
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

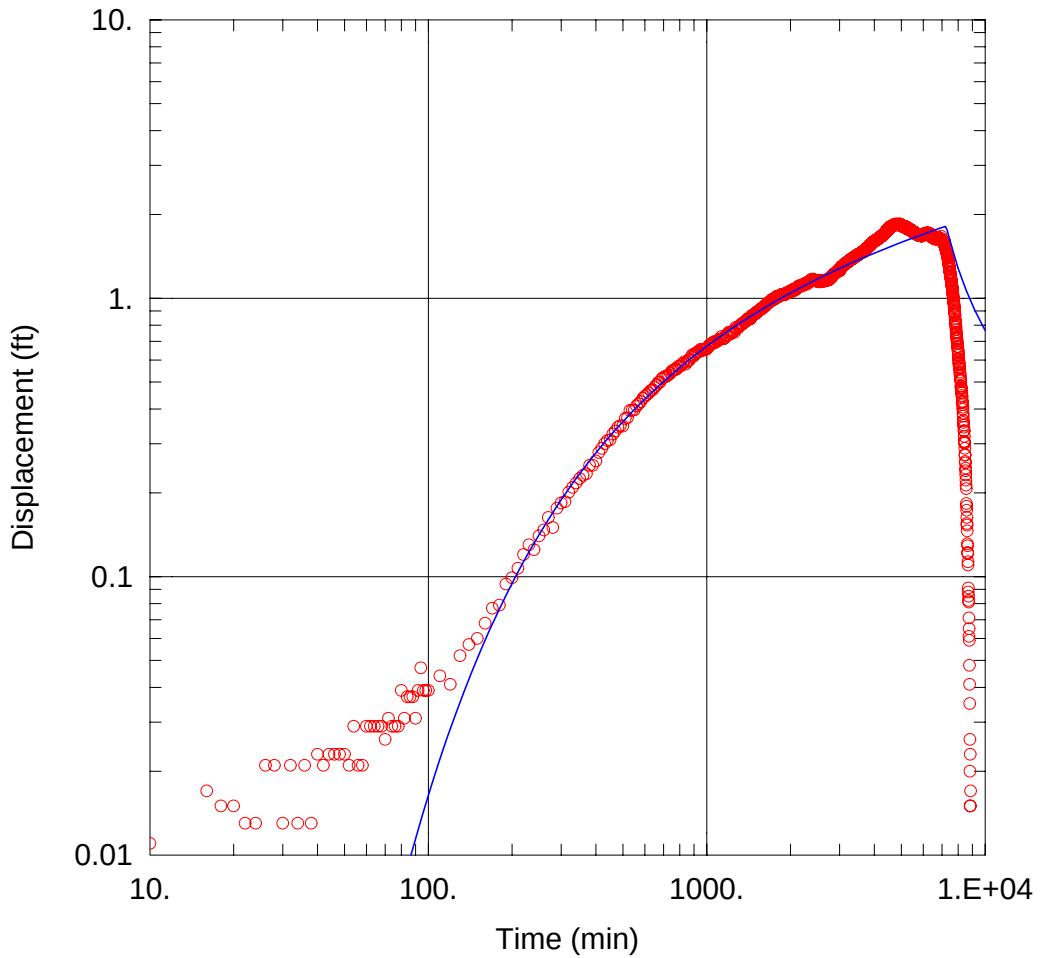
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-130C	6770220	1871568.4

MW-135B Response to EW-1 - Uncorrected Data

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



Data Set: J:\...\MW-135B TO EW-1.aqt
Date: 02/07/04 Time: 01:37:49

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.889E+04 ft^2/day
S = 0.005447
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

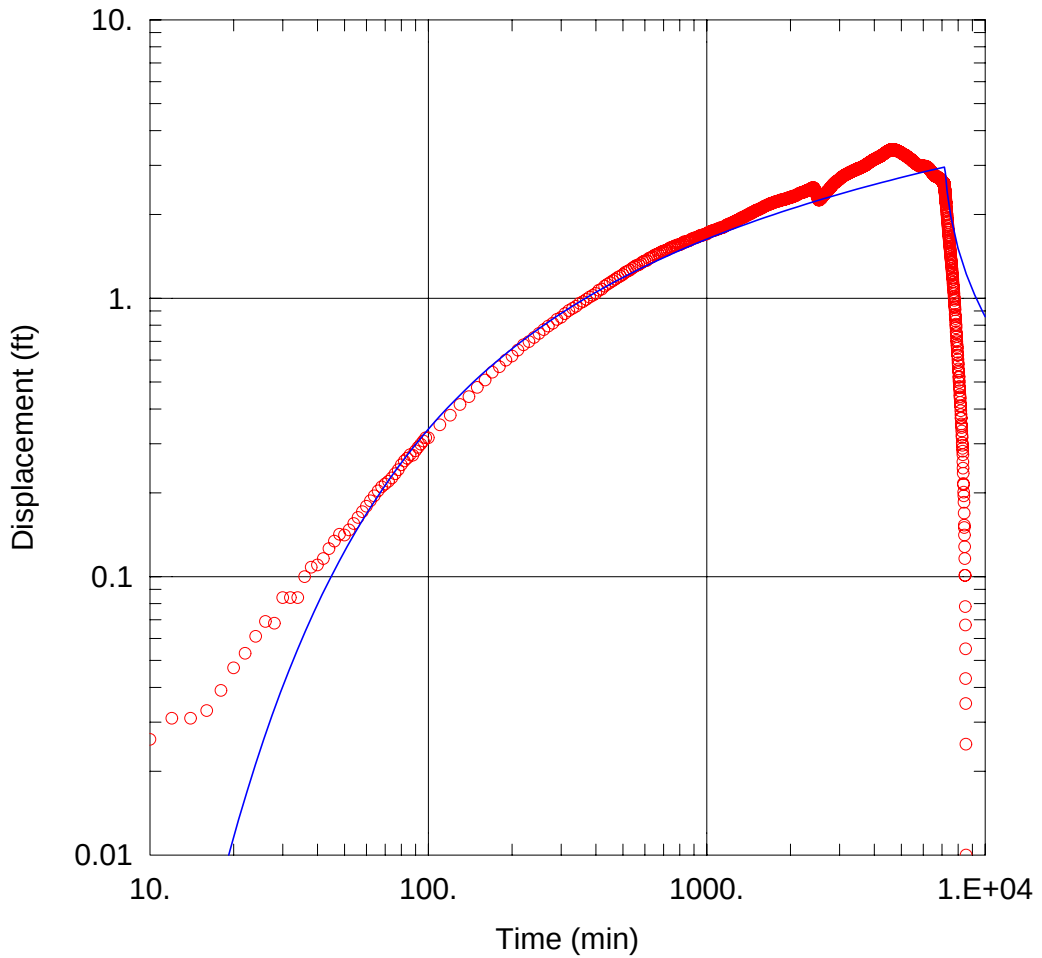
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

MW-135C Response to EW-1 - Uncorrected Data

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



Data Set: J:\...\MW-135C TO EW-1.aqt
Date: 02/07/04 Time: 01:38:06

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.535E+04 ft^2/day
S = 0.001143
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

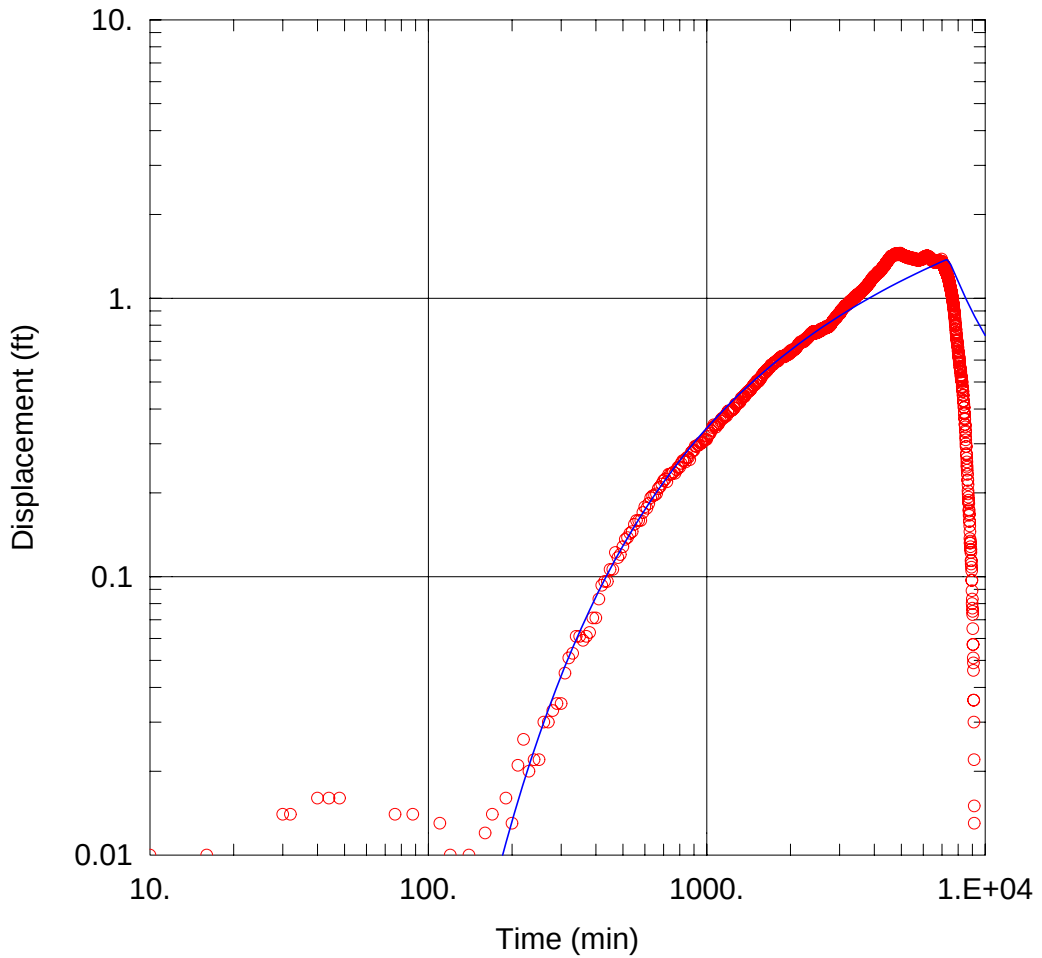
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

MW-136C Response to EW-1 - Uncorrected Data

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



Data Set: J:\...\MW-136C TO EW-1.aqt
Date: 02/07/04 Time: 01:38:27

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.816E+04 ft^2/day
S = 0.003799
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

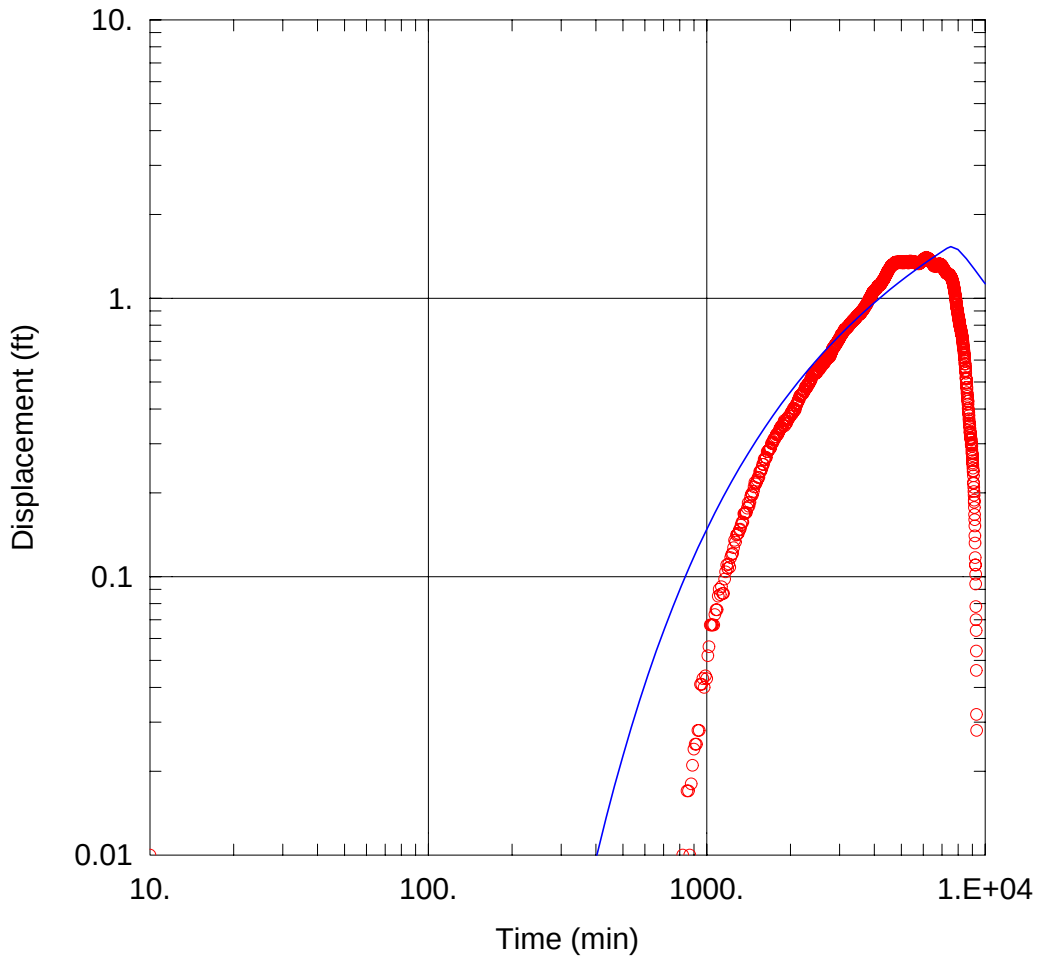
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-136C	6771196	1866639.5

MW-138C Response to EW-1 - Uncorrected Data

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



Data Set: J:\...\MW-138C TO EW-1.aqt
Date: 02/07/04 Time: 01:38:48

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 2.681E+04 ft^2/day
S = 0.001663
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

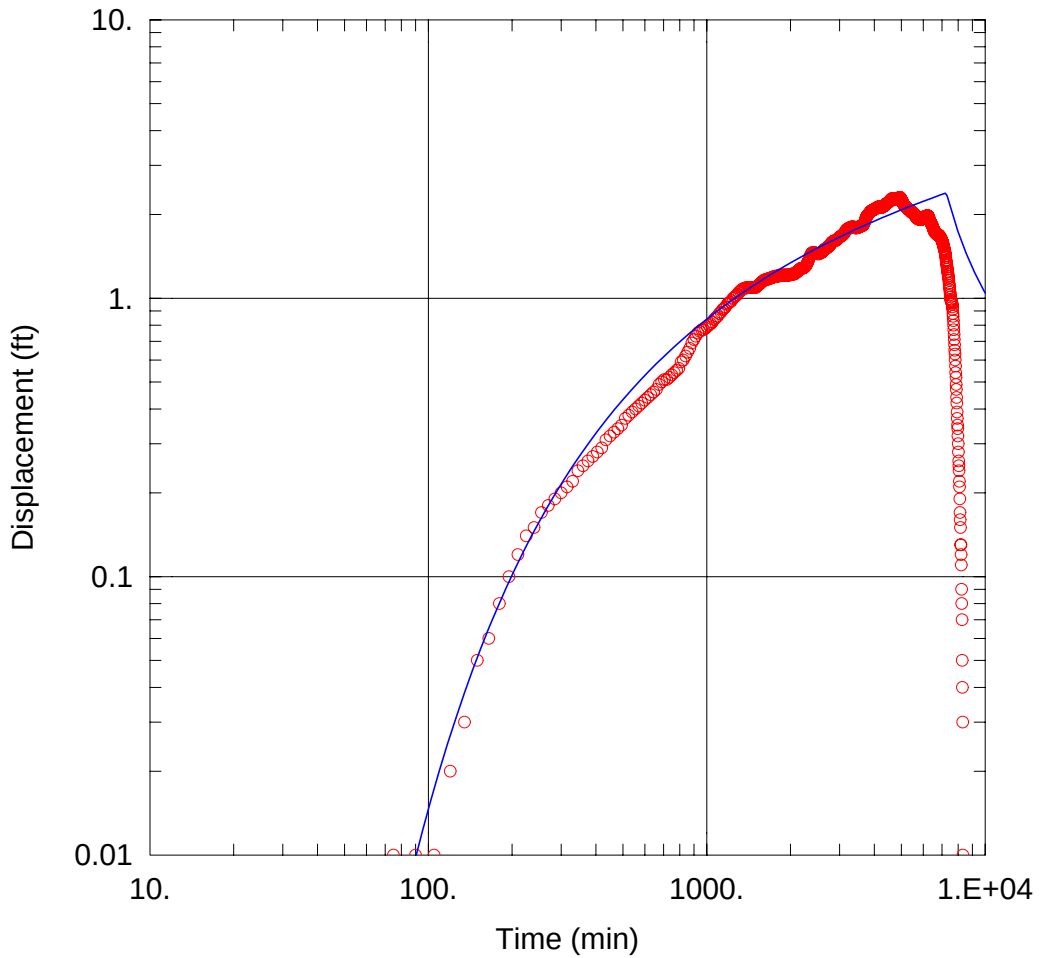
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-138C	6767776.7	1867135.3

Sierra School B Response to EW-1 - Uncorrected 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-1.aqt
Date: 02/07/04 Time: 01:39:08

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.564E+04 ft^2/day
S = 0.0008367
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

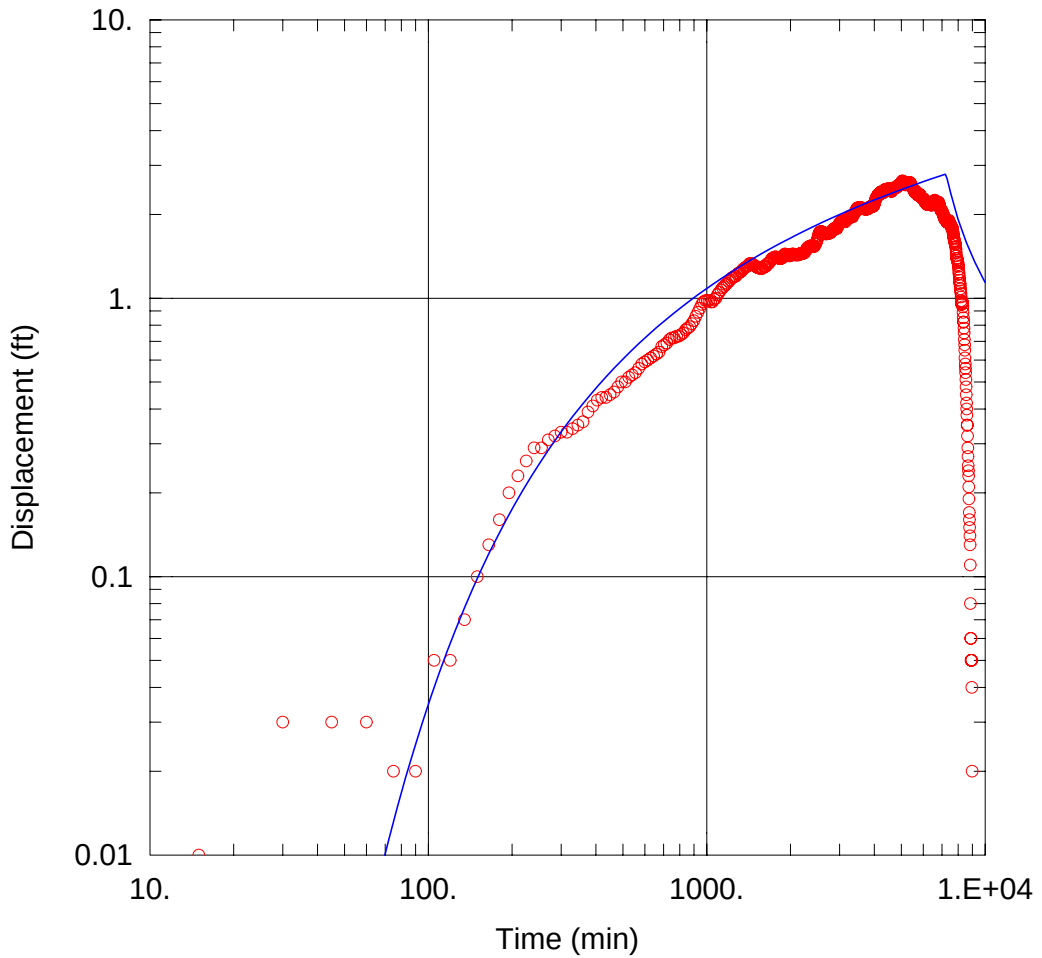
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

Sierra School C Response to EW-1 - Uncorrected 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-1.aqt
Date: 02/07/04 Time: 01:39:35

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3.307E+04 ft^2/day
S = 0.0006104
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

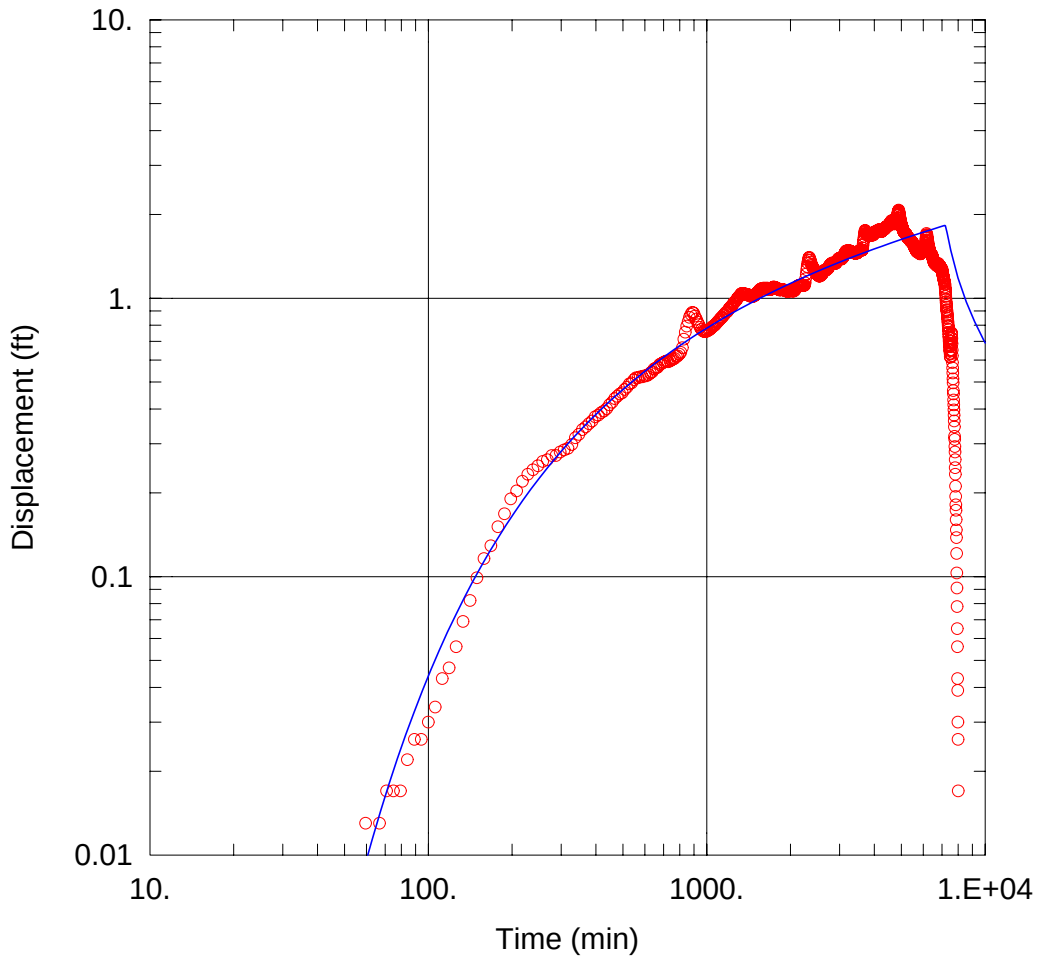
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

Gilbert St Response to EW-1 - Uncorrected Data

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



Data Set: J:\...\Gilbert St TO EW-1.aqt
Date: 02/07/04 Time: 01:32:05

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 5.51E+04 ft^2/day
S = 0.0009578
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

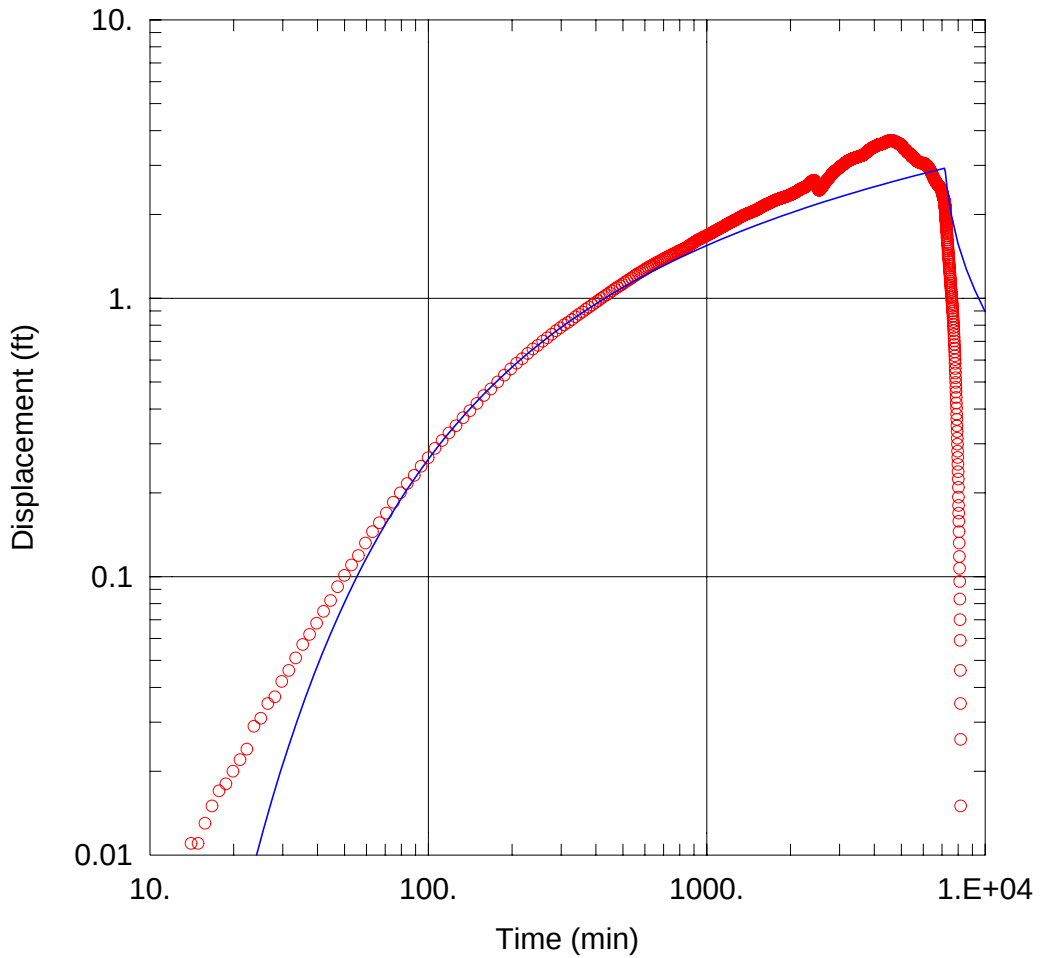
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

7th St Response to EW-1 - 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-1.aqt
Date: 02/07/04 Time: 01:28:56

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 4.333E+04 ft^2/day
S = 0.00048
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

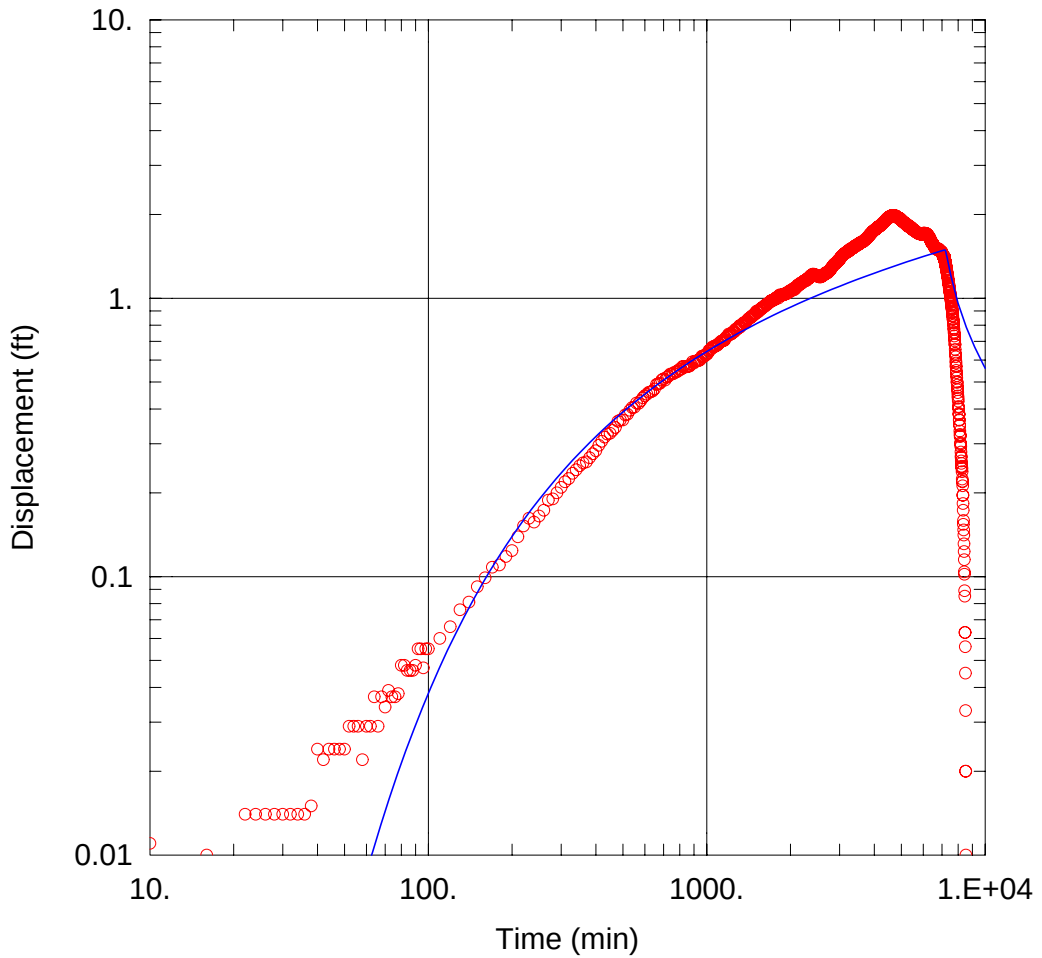
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

10th & J Response to EW-1 - Uncorrected Data

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



Data Set: J:\...\10th & J TO EW-1.aqt
Date: 02/07/04 Time: 01:29:15

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 6.799E+04 ft^2/day
S = 0.002188
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

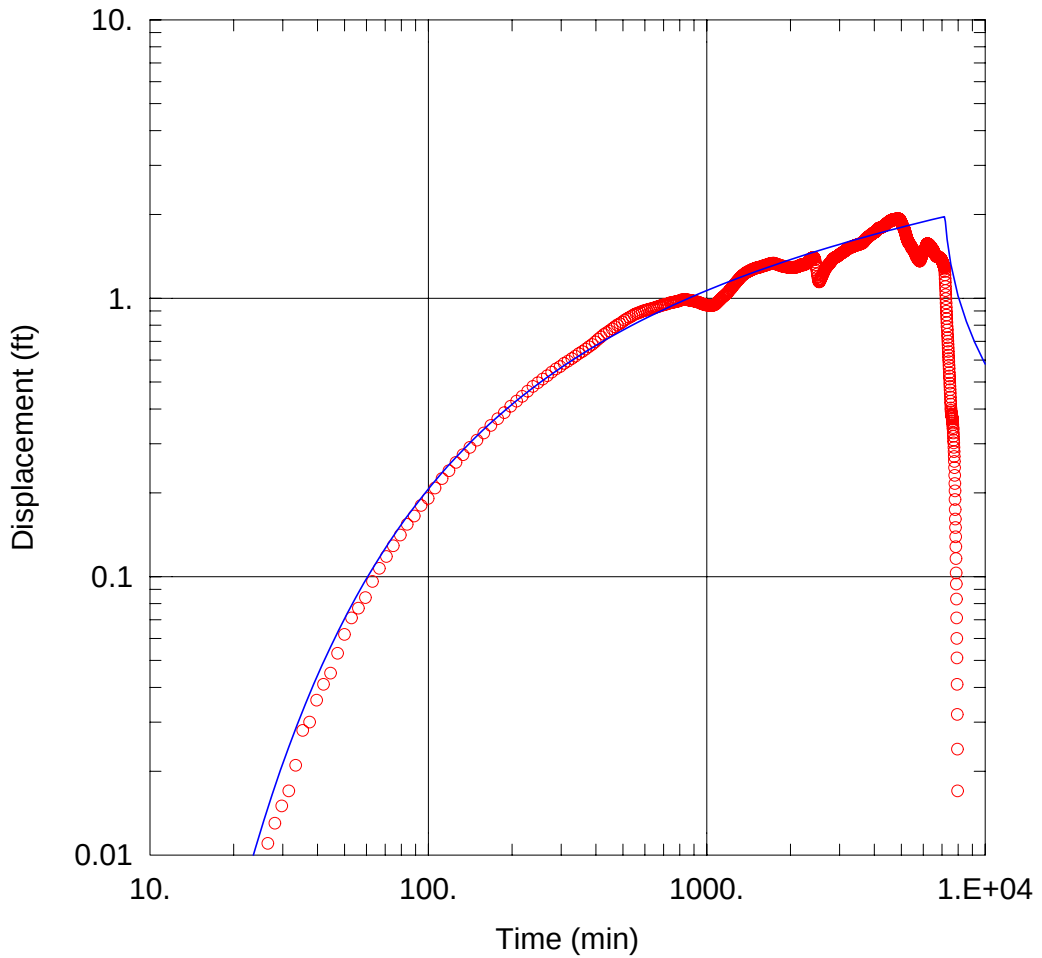
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

Well Name	X (ft)	Y (ft)
○ 10th & J	6771806.3	1866061

16th St Response to EW-1 - 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-1.aqt
Date: 02/07/04 Time: 01:29:34

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 6.697E+04 ft^2/day
S = 0.000812
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

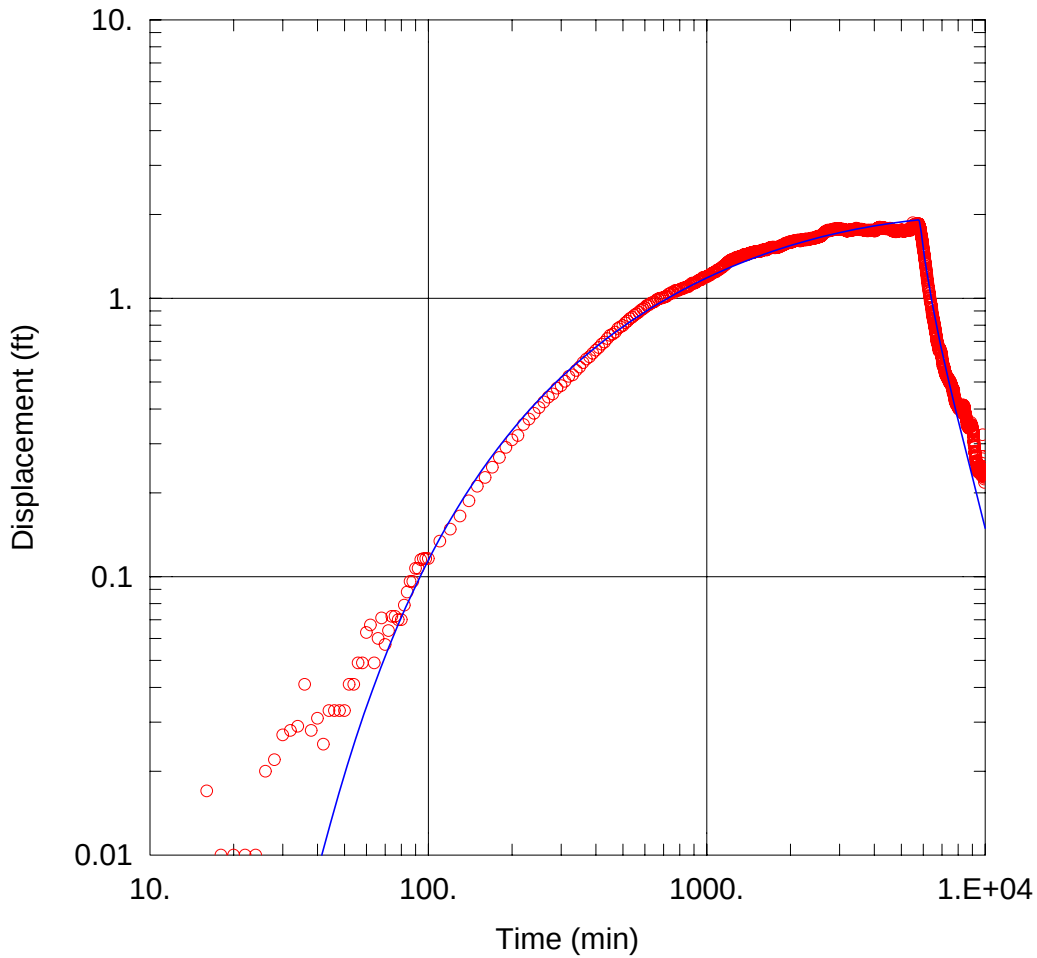
Well Name	X (ft)	Y (ft)
EW-1	6775521.8	1866594.1

Observation Wells

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

MW-139A Response to WD#15 - Uncorrected Data

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



Data Set: J:\...\MW-139A TO WD#15.aqt
Date: 02/06/04 Time: 04:46:01

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush-Jacob

T = 3.613E+04 ft^2/day
S = 0.00178
r/B = 0.3444
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

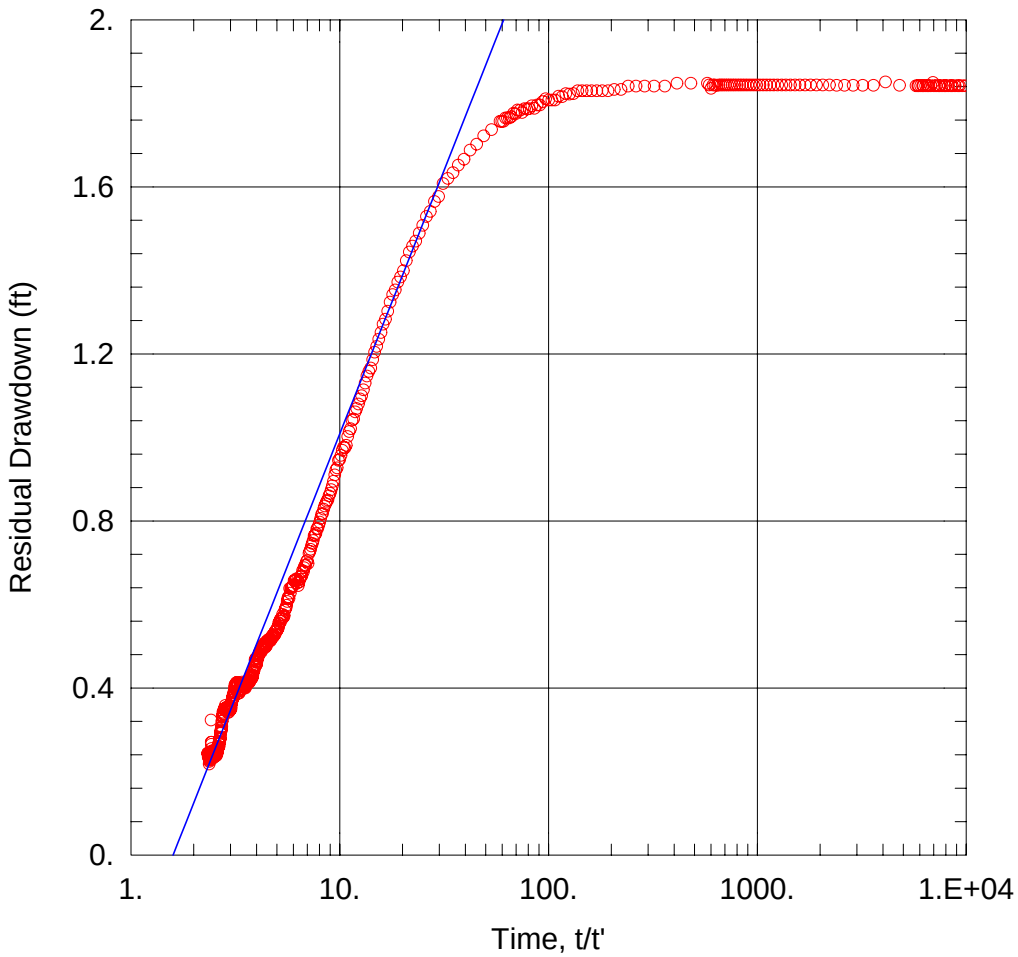
Well Name	X (ft)	Y (ft)
WD#15	6764508.4	1864813.9

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-139A	6766119.2	1866934

MW-139A Response to WD#15 - Uncorrected Data

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



Data Set: J:\...\MW-139A TO WD#15 (REC).aqt
Date: 02/06/04 Time: 04:45:35

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 5.305E+04 ft^2/day
S/S' = 1.592

AQUIFER DATA

Saturated Thickness: 710. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

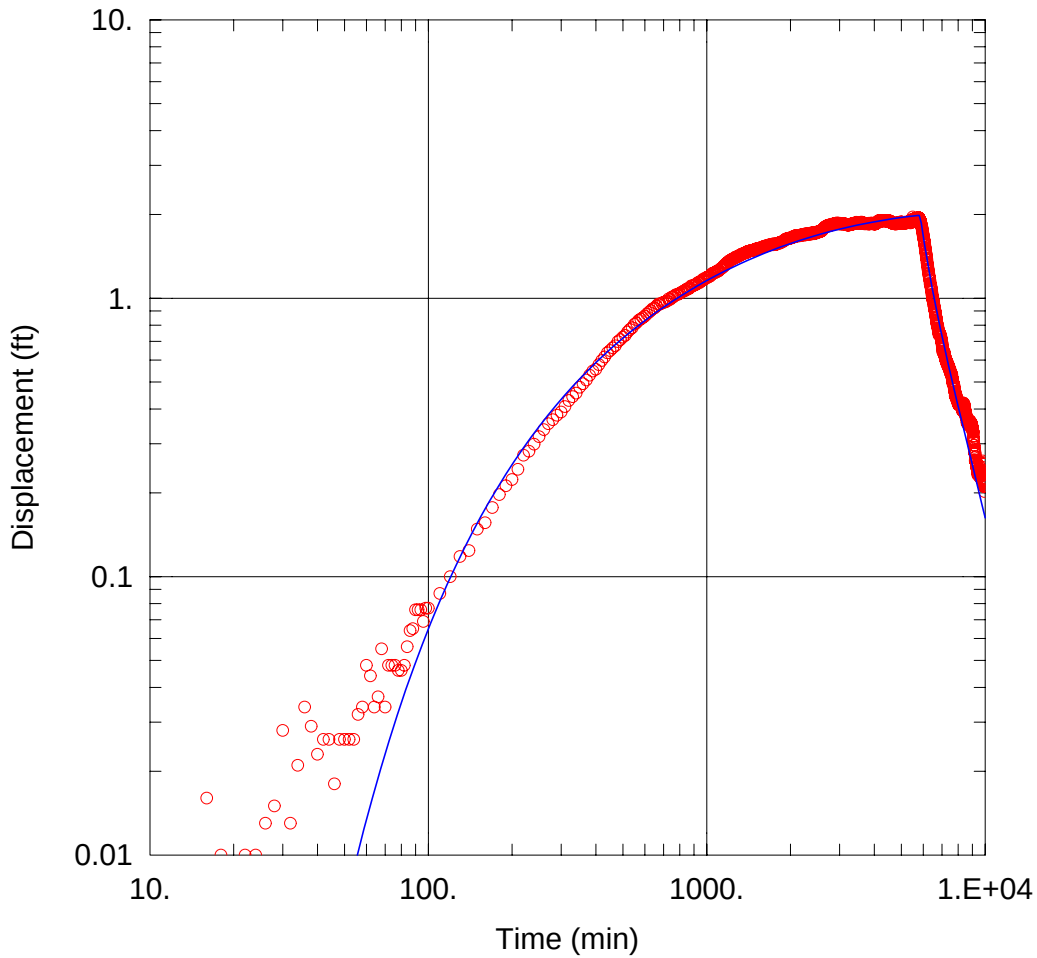
Well Name	X (ft)	Y (ft)
WD#15	6764508.4	1864813.9

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-139A	6766119.2	1866934

MW-139B Response to WD#15 - Uncorrected Data

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



Data Set: J:\...\MW-139B TO WD#15.aqt
Date: 02/06/04 Time: 04:46:49

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush-Jacob

T = 2.976E+04 ft^2/day
S = 0.002063
r/B = 0.4225
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

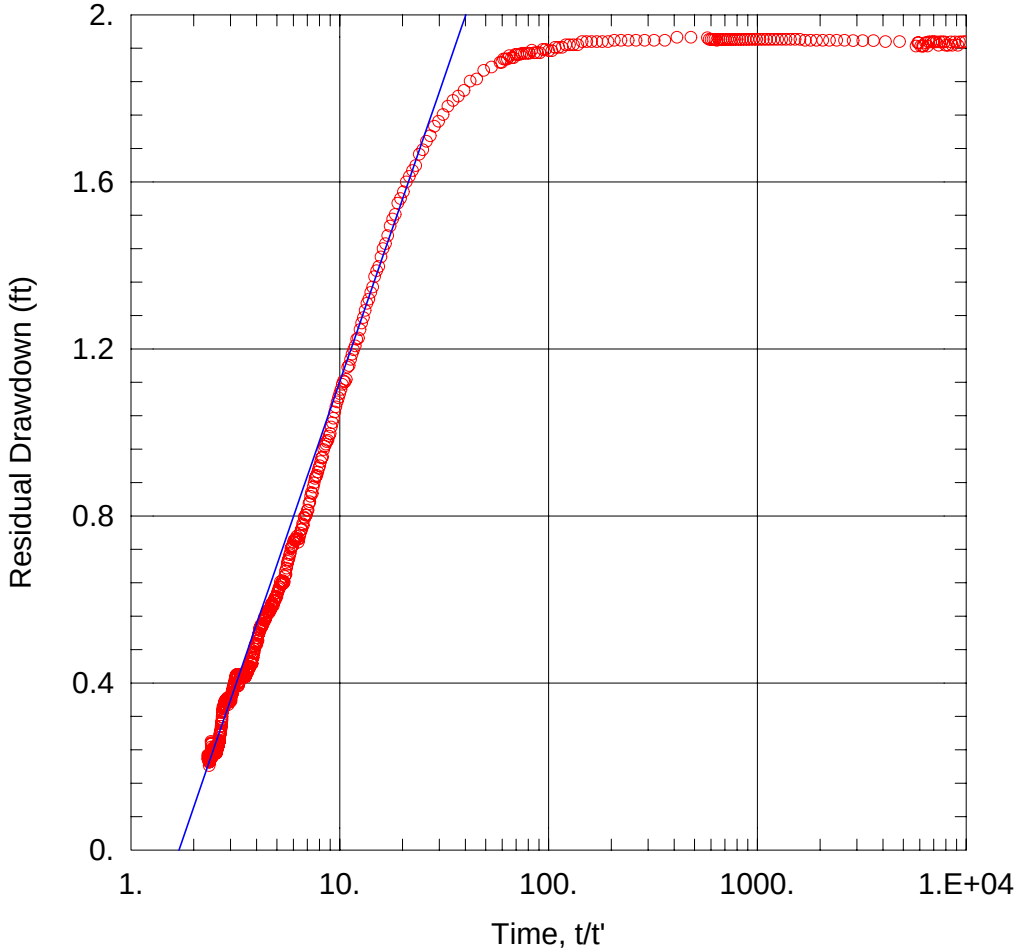
Well Name	X (ft)	Y (ft)
WD#15	6764508.4	1864813.9

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-139B	6766119.2	1866934

MW-139B Response to WD#15 - Uncorrected Data

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



Data Set: J:\...\MW-139B TO WD#15 (REC).aqt
Date: 02/06/04 Time: 04:46:24

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 4.604E+04 ft^2/day
S/S' = 1.698

AQUIFER DATA

Saturated Thickness: 710. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

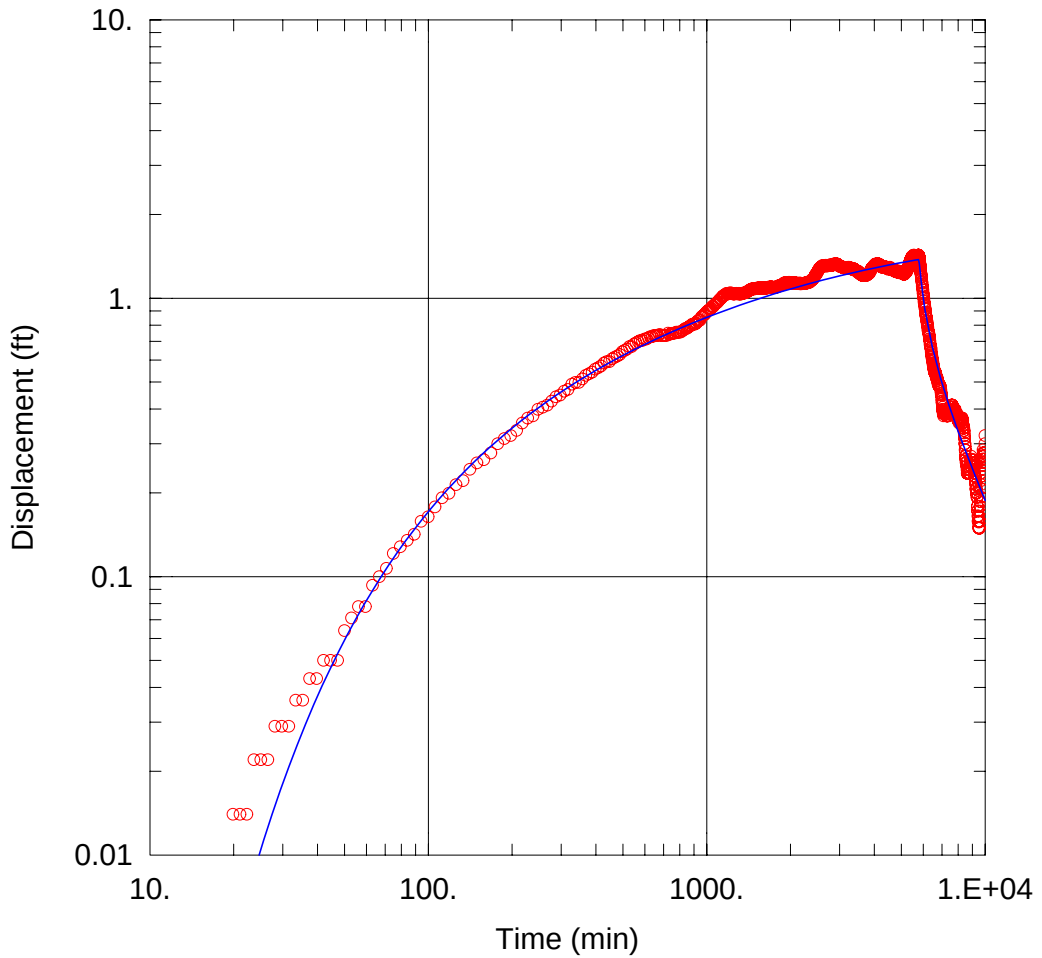
Well Name	X (ft)	Y (ft)
WD#15	6764508.4	1864813.9

Observation Wells

Well Name	X (ft)	Y (ft)
○ MW-139B	6766119.2	1866934

Baseline & California Well Response to WD#15 - Uncorrected Data

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



Data Set: J:\...\Base & Cal TO WD#15.aqt
Date: 02/06/04 Time: 04:42:37

SOLUTION

Aquifer Model: Leaky
Solution Method: Hantush-Jacob

T = 7.562E+04 ft^2/day
S = 0.001522
r/B = 0.143
Kz/Kr = 0.1
b = 710. ft

WELL DATA

Pumping Wells

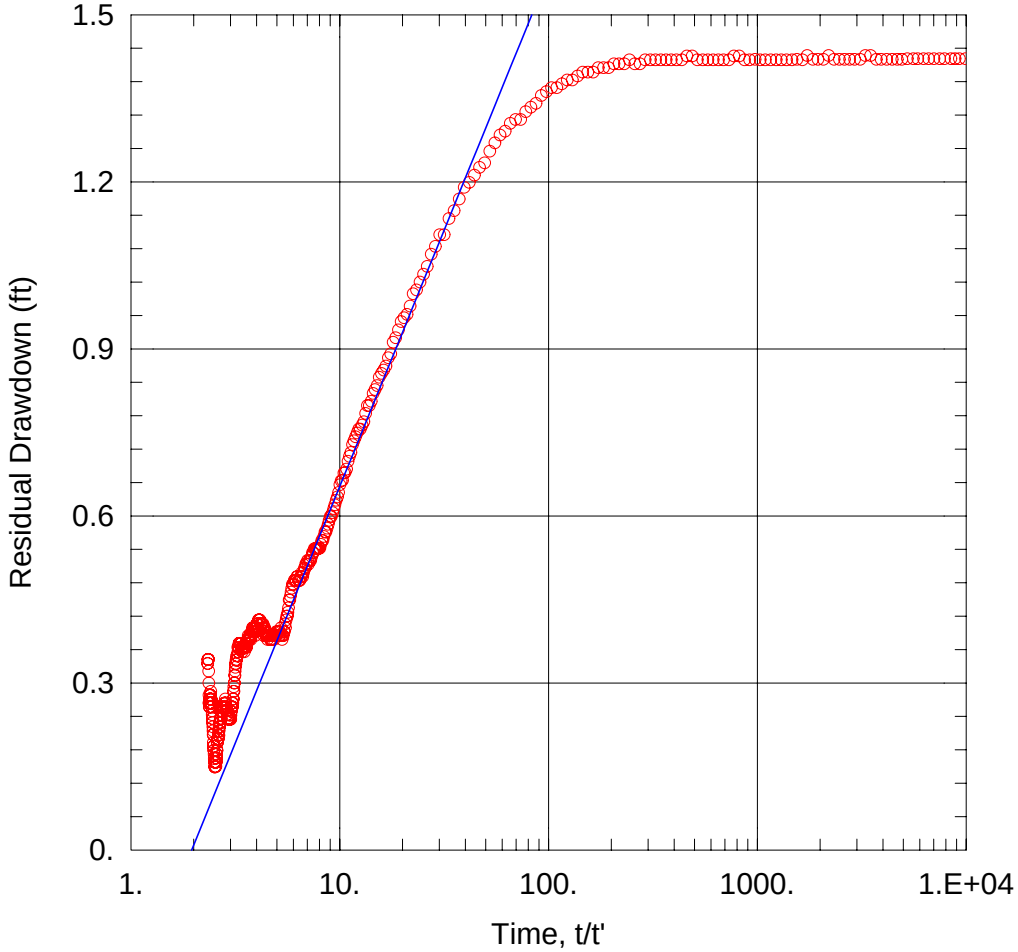
Well Name	X (ft)	Y (ft)
WD#15	6764508.4	1864813.9

Observation Wells

Well Name	X (ft)	Y (ft)
○ Base & Cal	6764296	1867704.3

Baseline & California Well Response to WD#15 - Uncorrected Data

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



Data Set: J:\...\Base & Cal TO WD#15 (REC).aqt
Date: 02/06/04 Time: 04:36:15

SOLUTION

Aquifer Model: Confined
Solution Method: Theis (Recovery)

T = 7.279E+04 ft^2/day
S/S' = 1.955

AQUIFER DATA

Saturated Thickness: 710. ft
Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
WD#15	6764508.4	1864813.9

Observation Wells

Well Name	X (ft)	Y (ft)
○ Base & Cal	6764296	1867704.3