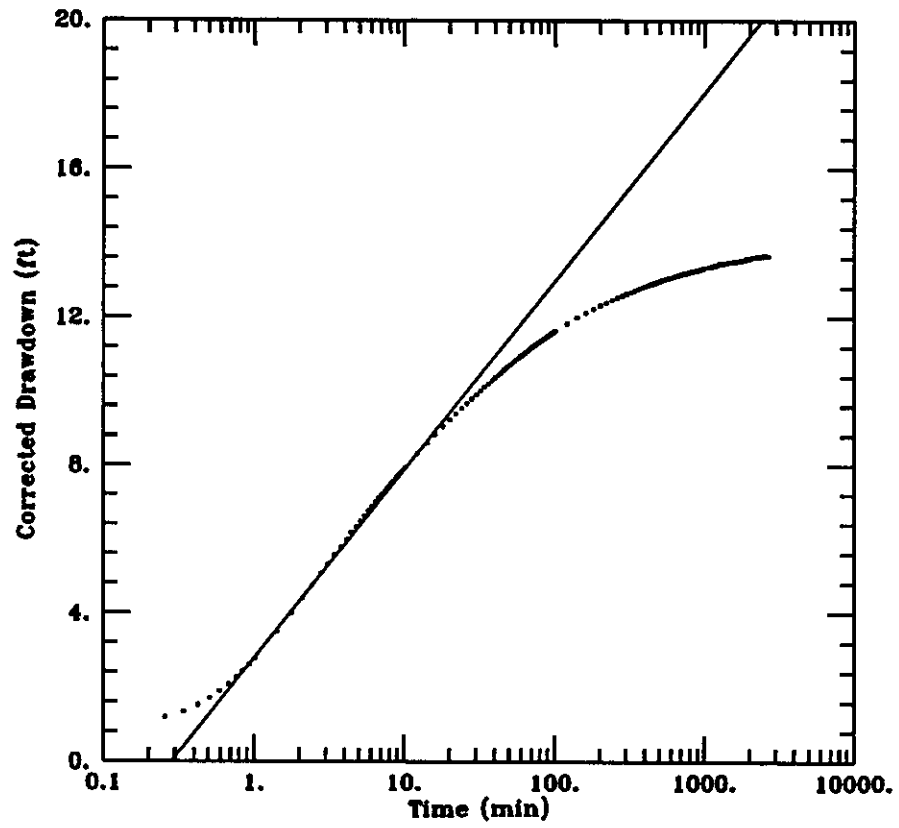
OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/10/96

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Cooper-Jacob

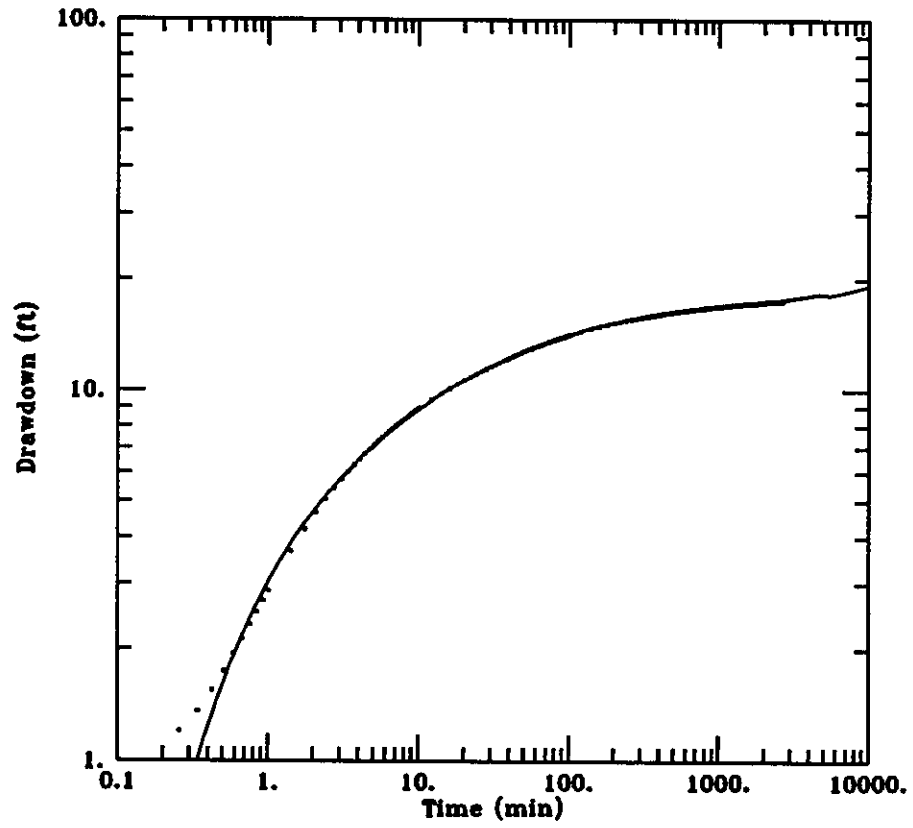
PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89D01

TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 4041.1 gal/day/ft
S = 4.893E-05

AQTESOLV

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/10/96

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Neuman (approx.)

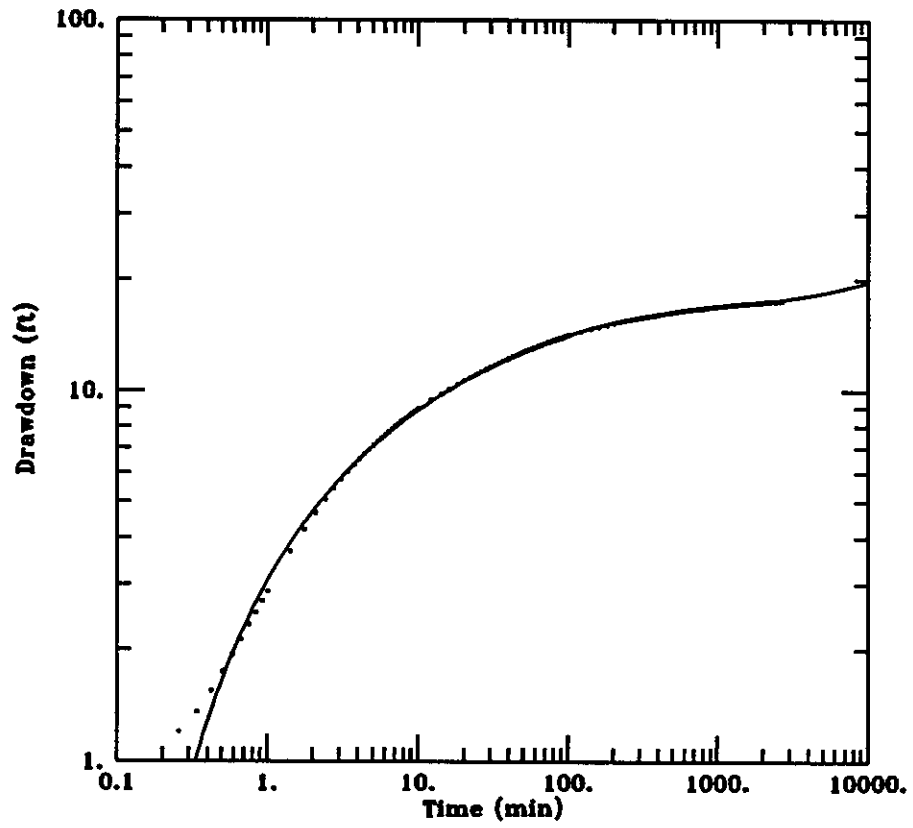
PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89D01

TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 2959.3 gal/day/ft
S = 5.739E-05
Sy = 0.002669
β = 0.001515

AQTESOLV

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/10/96

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Neuman

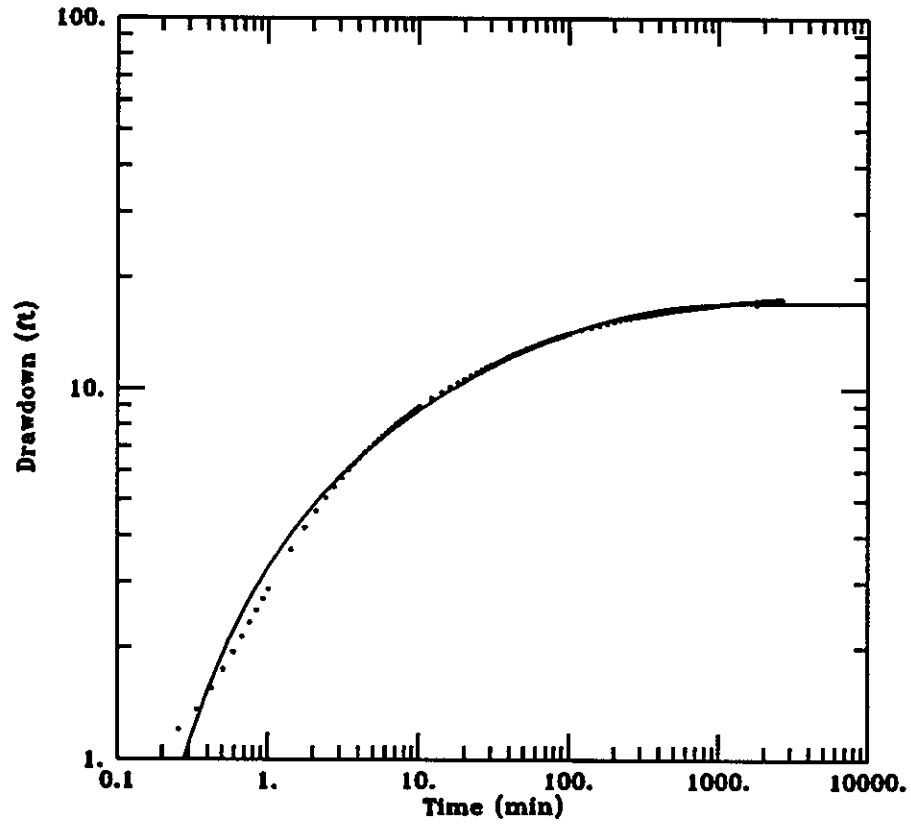
PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89D01

TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 2995.5 gal/day/ft
S = 5.632E-05
Sy = 0.002195
β = 0.001159

AQTESOLV

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/10/96

AQUIFER MODEL:
Leaky

SOLUTION METHOD:
Hantush (no stor.)

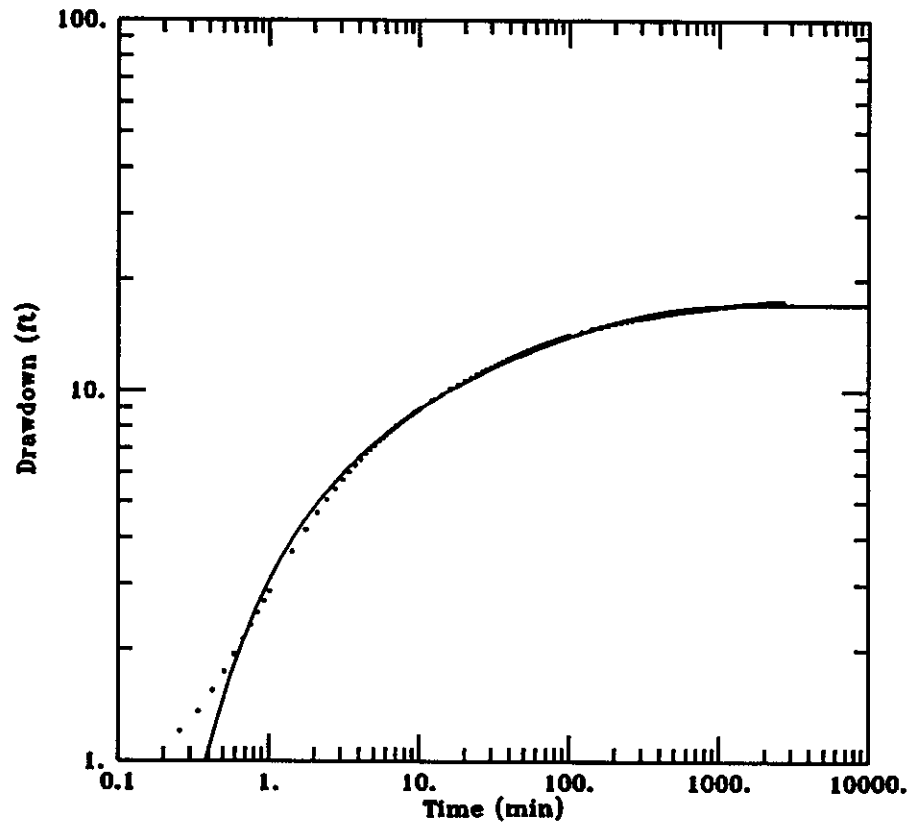
PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89001

TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 3478.2 gal/day/ft
S = 4.973E-05
r/B= 0.04051

AQTESOLV

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/10/96

AQUIFER MODEL:
Leaky

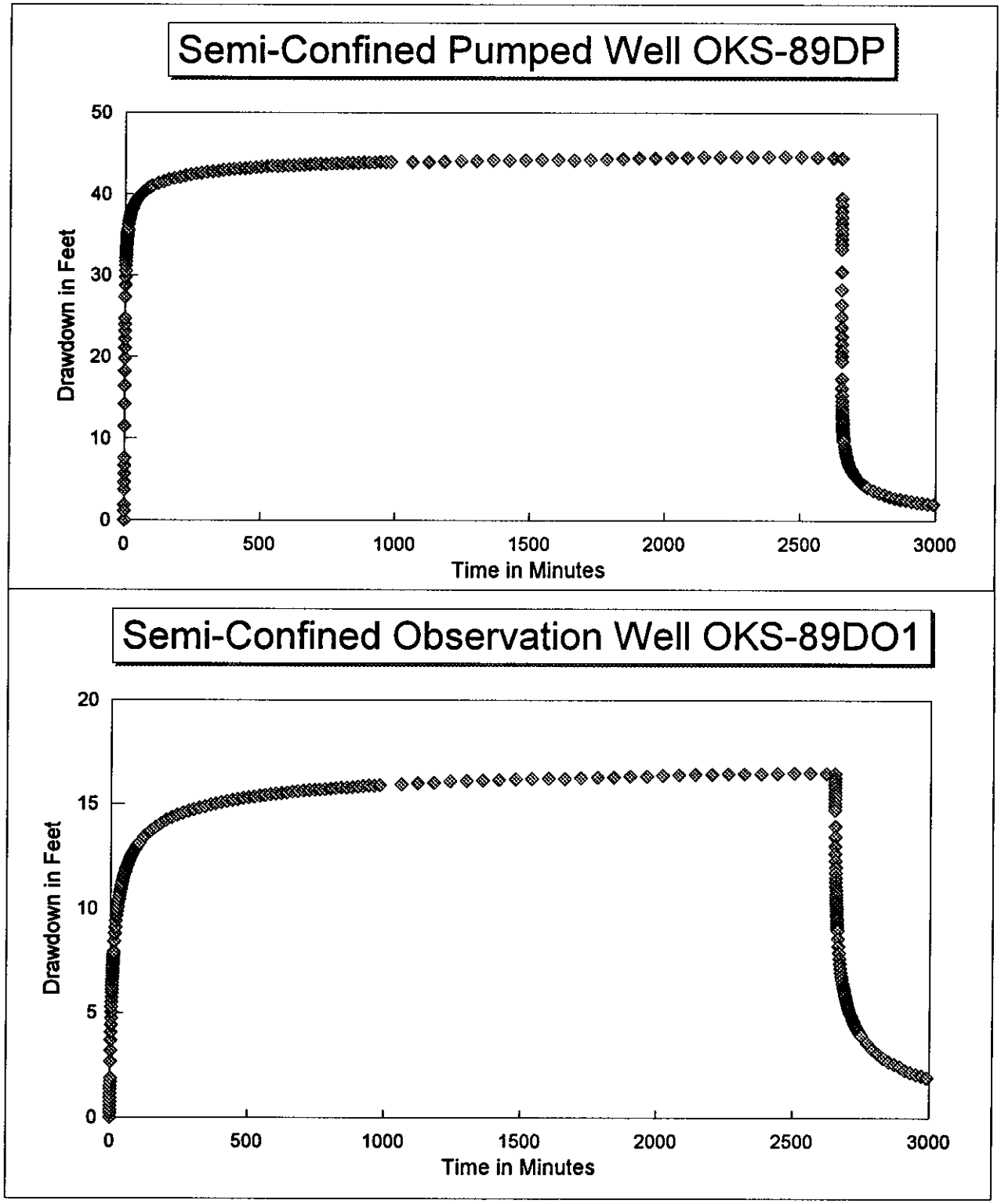
SOLUTION METHOD:
Moench

PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89OP
obs. well: OKS-89001

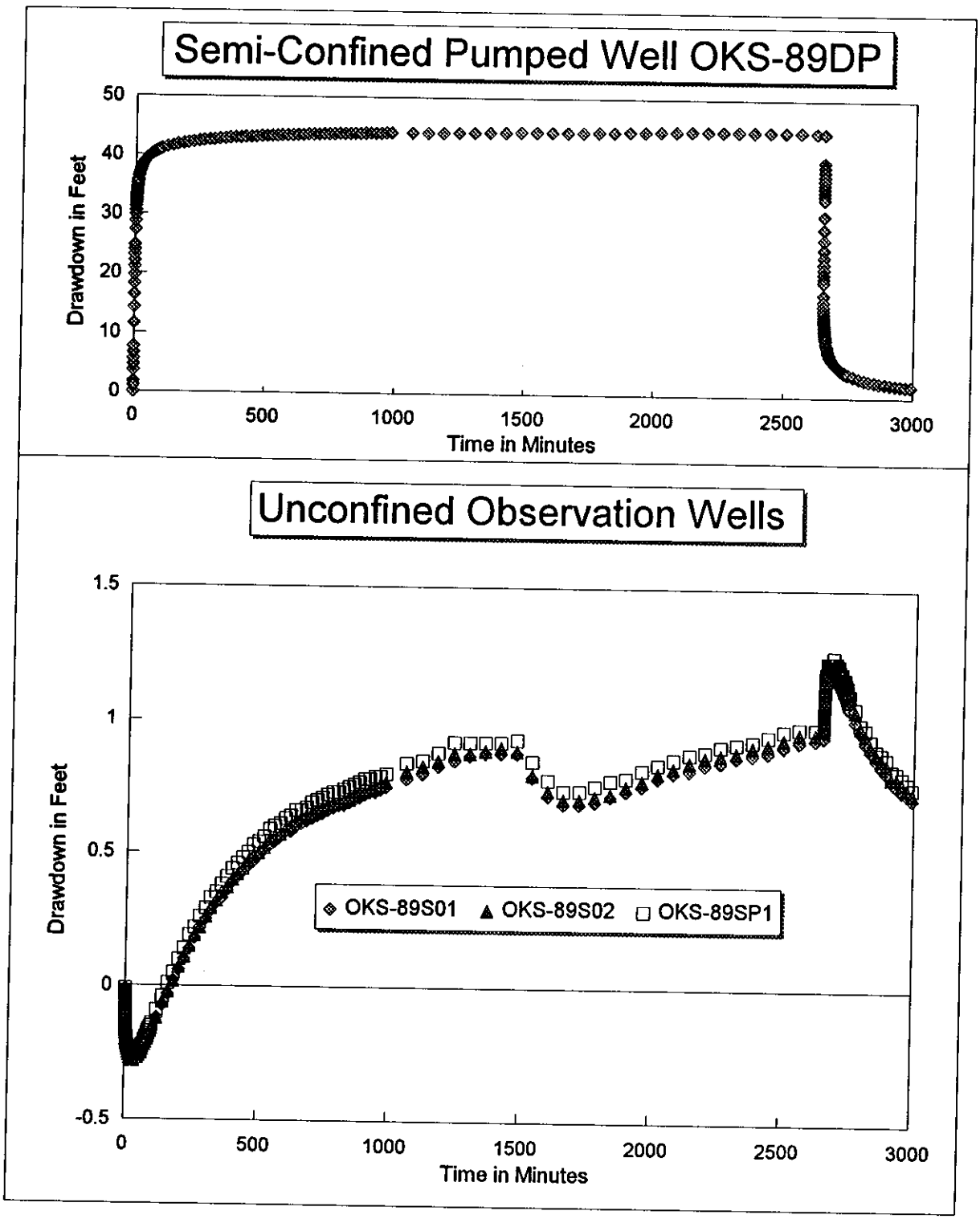
TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 3008.2 gal/day/ft
S = 4.368E-05
r/B= 0.06311
β = 0.02993
Sw = 0.
a = 0.0006965

AQTESOLV

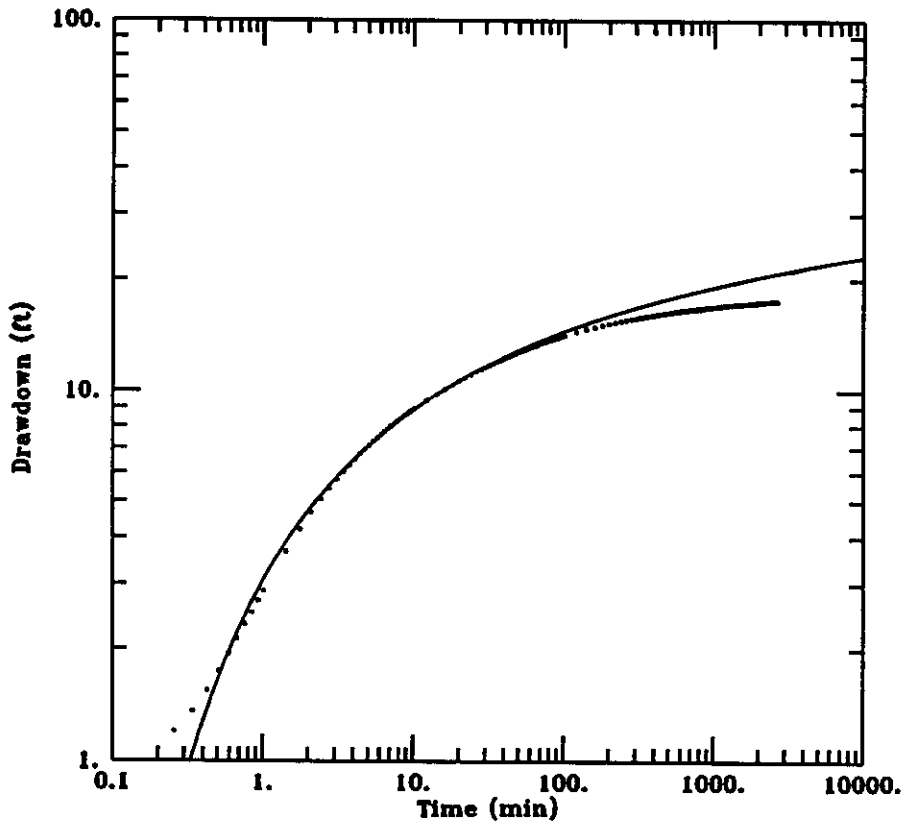


APT SITE OKS-89D, MIDDLE SAS PRODUCTION ZONE



APT SITE OKS-89D, MIDDLE SAS PRODUCTION ZONE

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/10/96

AQUIFER MODEL:
Leaky

SOLUTION METHOD:
Hantush (w/ stor.)

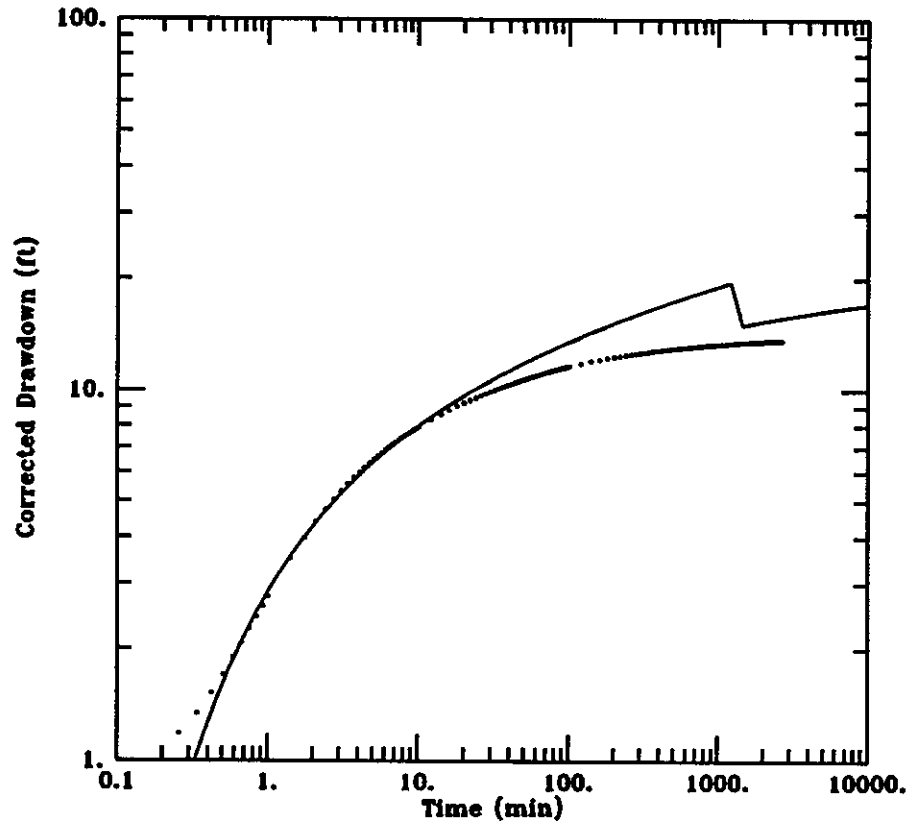
PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89D01

TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 2890. gal/day/ft
S = 5.425E-05
β = 0.02322

AQTESOLV

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/13/96

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Theis

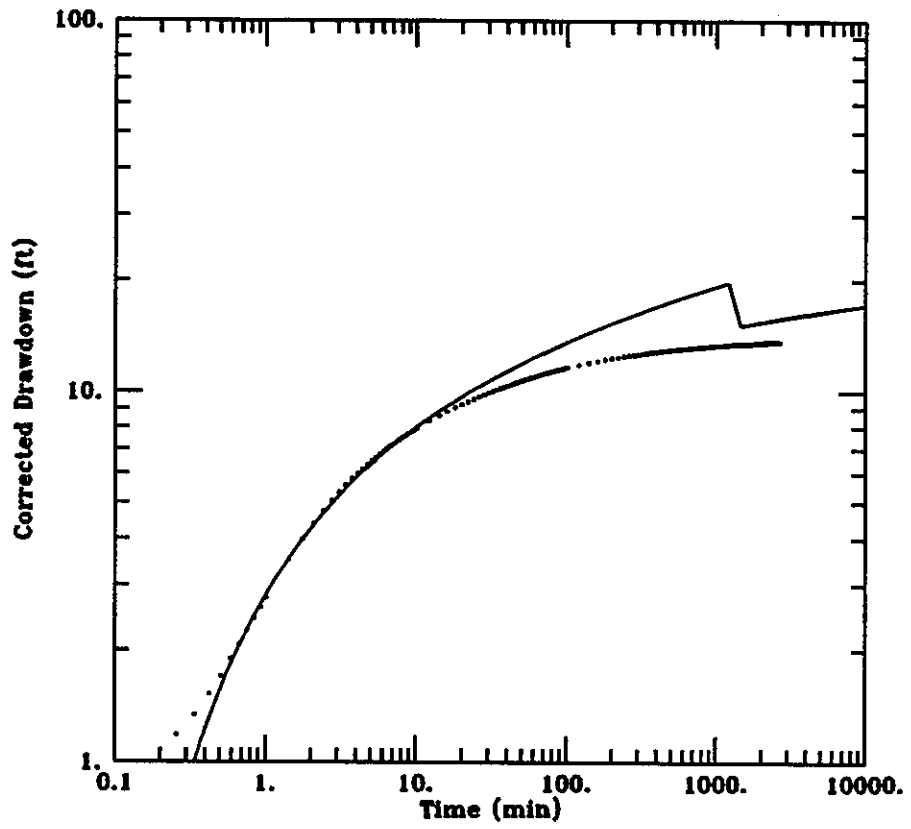
PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89D01

TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 3687.4 gal/day/ft
S = 5.973E-05

AQTESOLV

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
02/14/97

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Theis

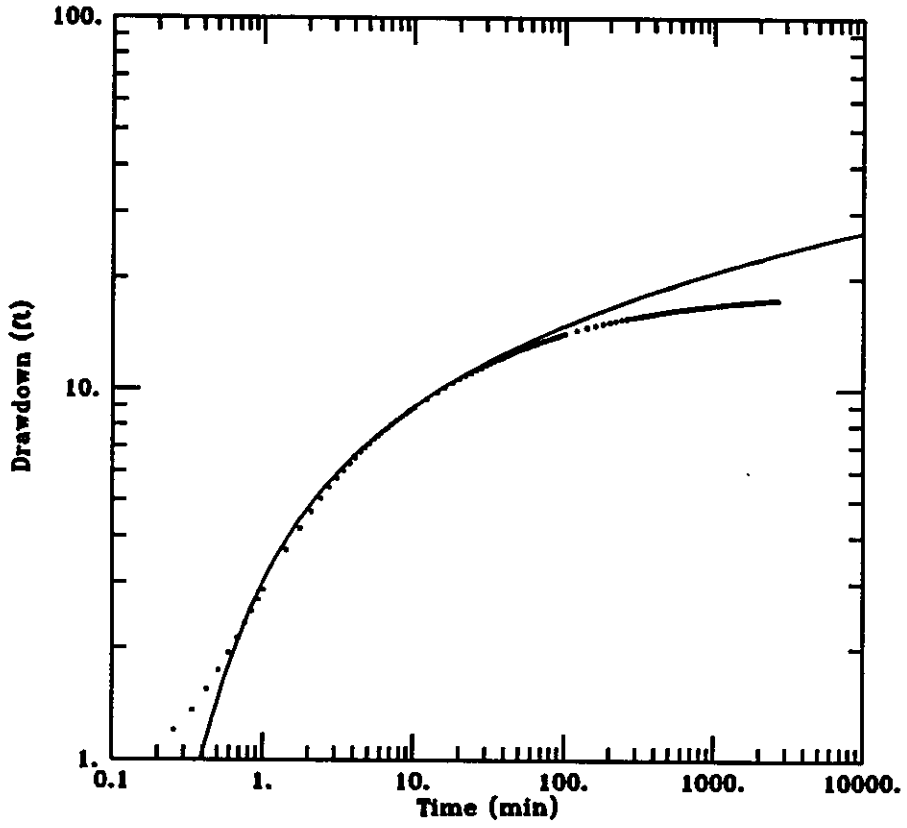
PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89D01

TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 3641.3 gal/day/ft
S = 6.114E-05

AQTESOLV

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/10/96

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Papadopulos-Cooper

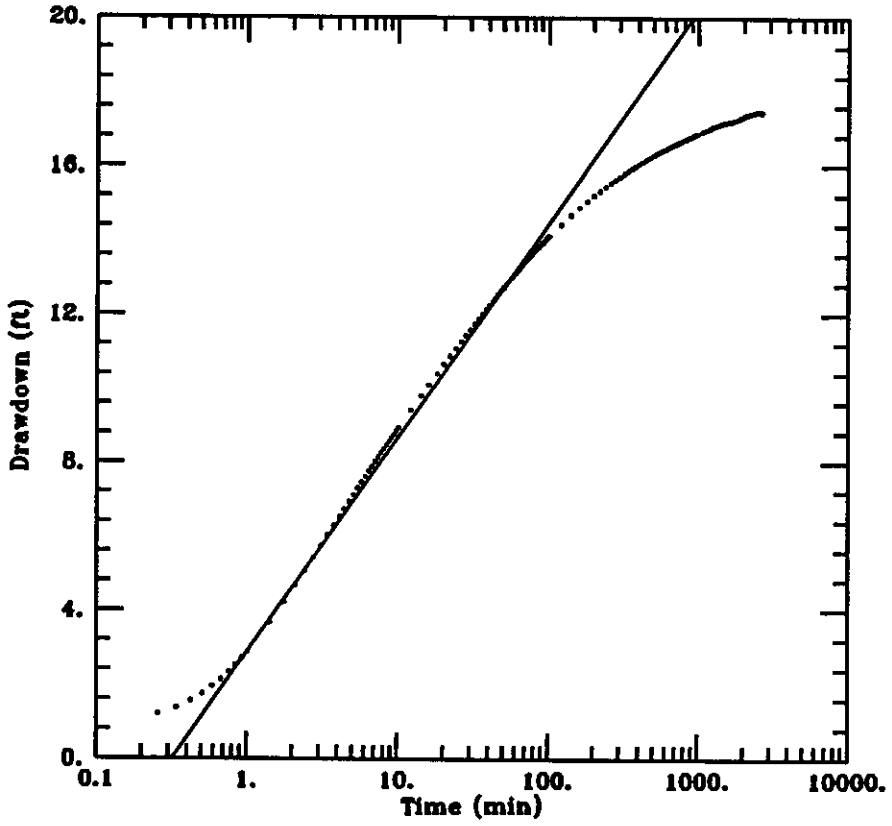
PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89D01

TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 3500. gal/day/ft
S = 4.434E-05
a = 0.0005

AQTESOLV

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/10/96

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper-Jacob

PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89D01

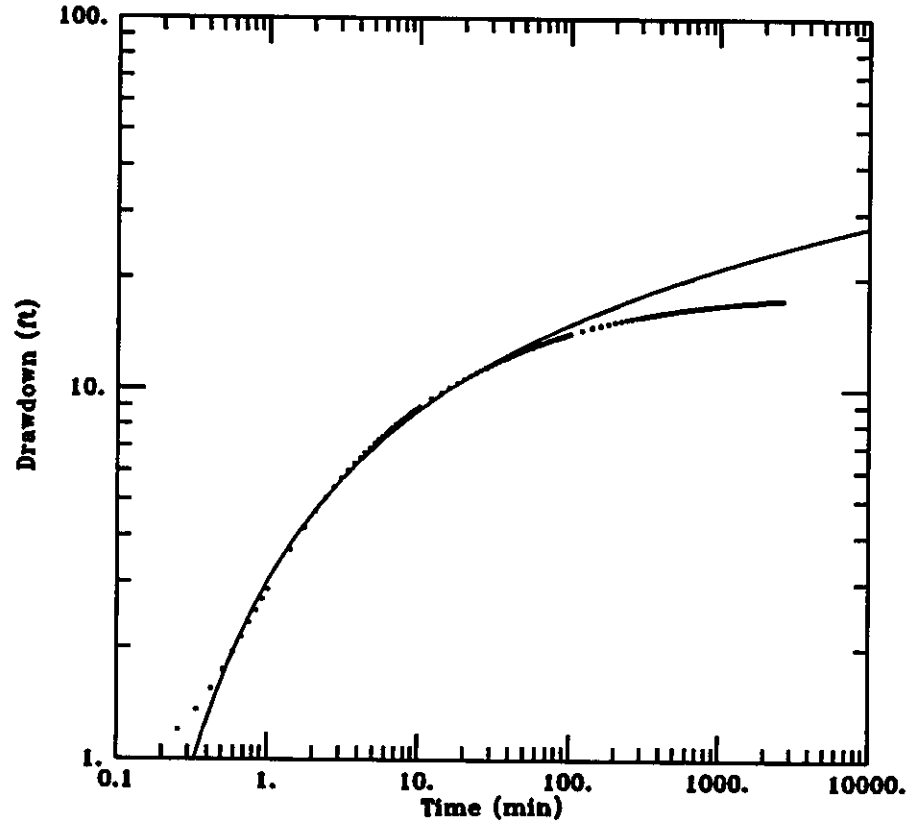
TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 3555.3 gal/day/ft
S = 4.847E-05

AQTESOLV

JH Match

OKS-89 MIDDLE PRODUCING ZONE APT



DATA SET:
S89APT2.DAT
12/10/96

AQUIFER MODEL:
Confined
SOLUTION METHOD:
Theis

PROJECT DATA:
test date: April 26-28, 1994
test well: OKS-89DP
obs. well: OKS-89D01

TEST DATA:
Q = 78. gal/min
r = 70. ft
r_c = 0.25 ft
r_w = 0.5 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 3286.4 gal/day/ft
S = 5.798E-05

AQTESOLV