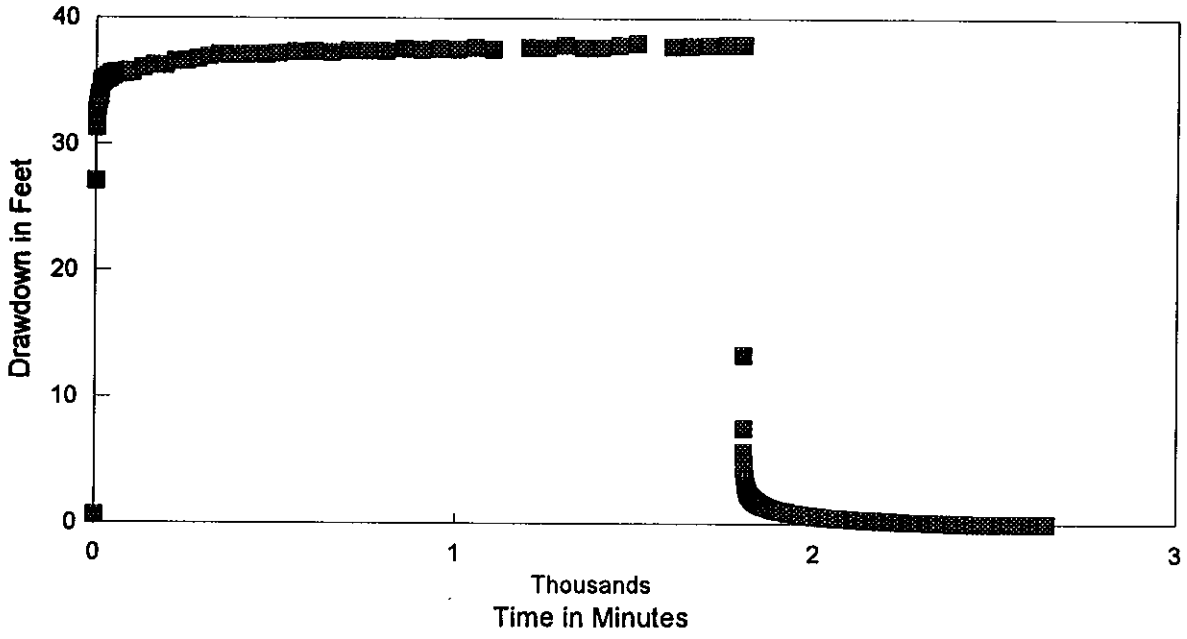
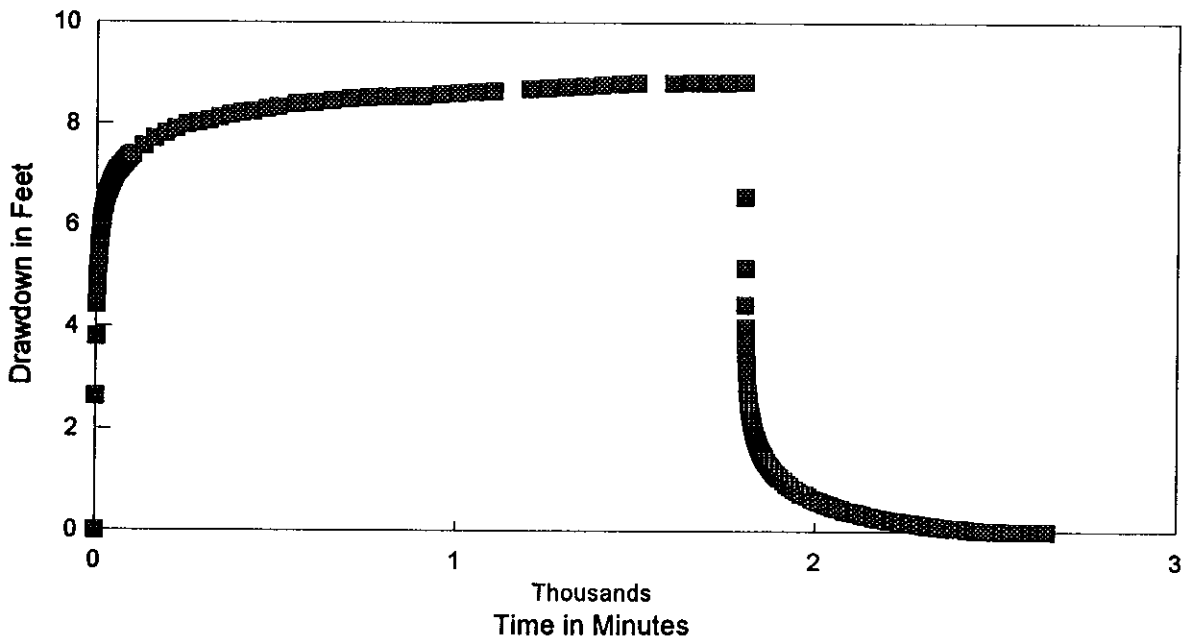
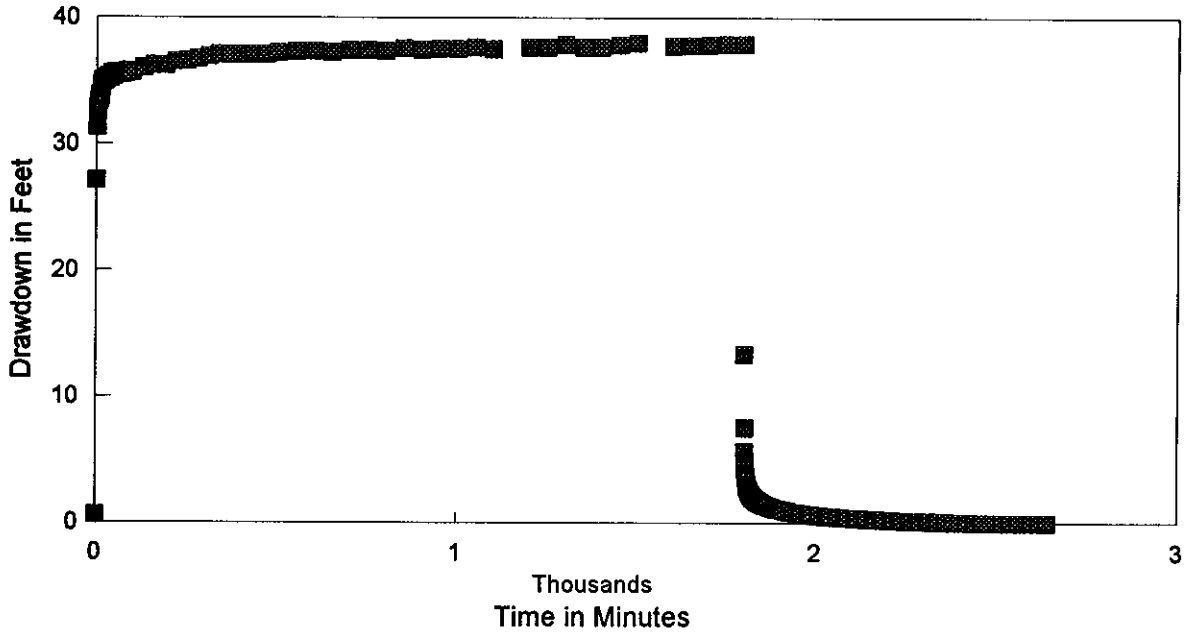
SEMI-CONFINED PRODUCTION WELL OKS-93P



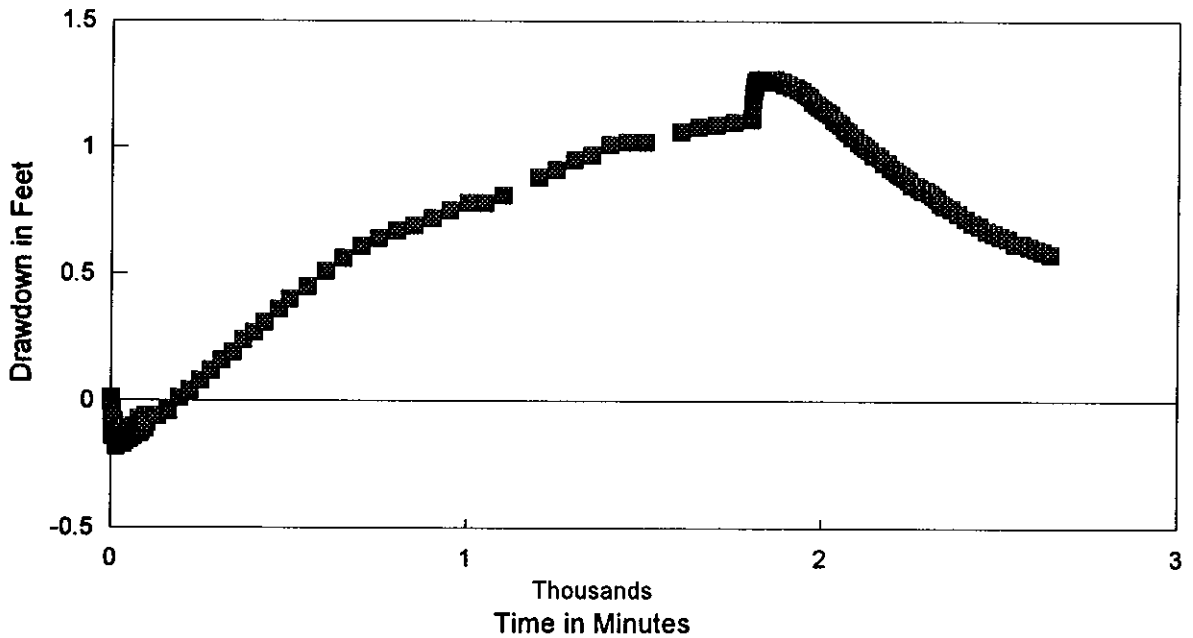
SEMI-CONFINED OBSERVATION WELL OKS-93D



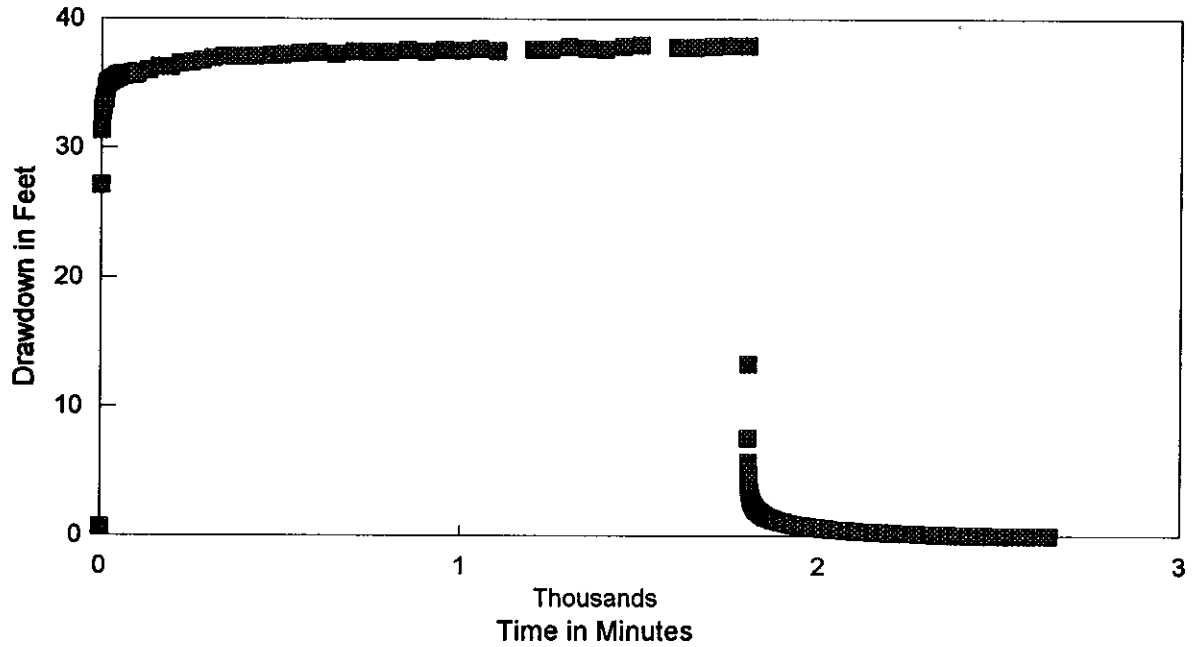
SEMI-CONFINED PRODUCTION WELL OKS-93P



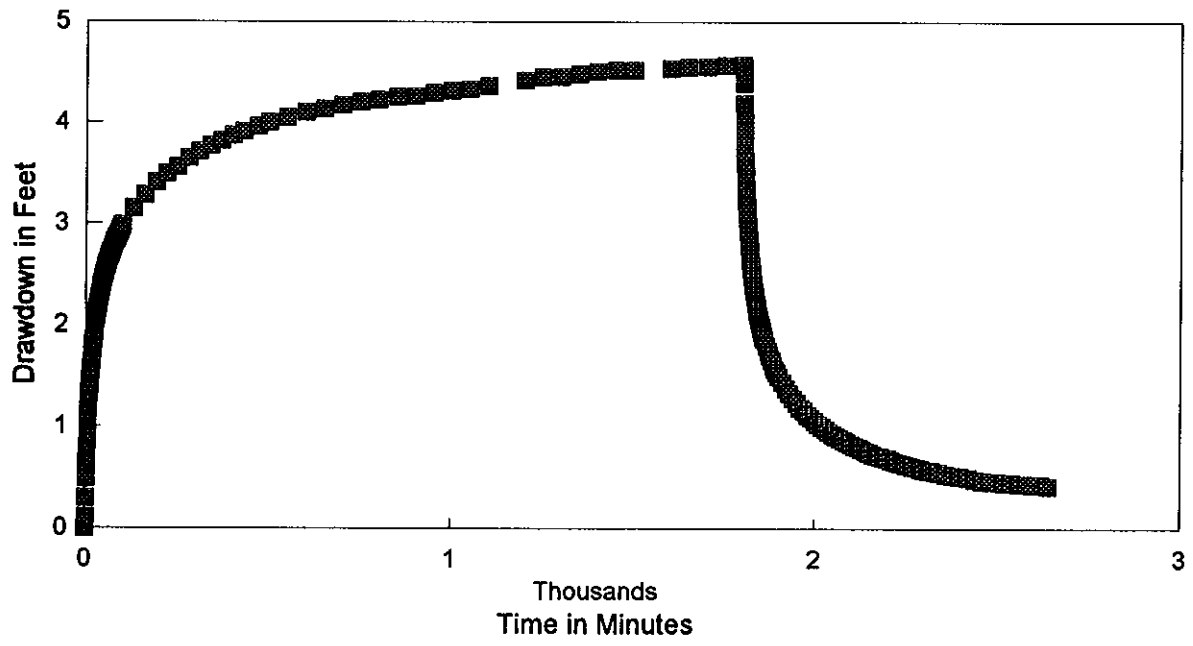
UN-CONFINED OBSERVATION WELL OKS-93S01



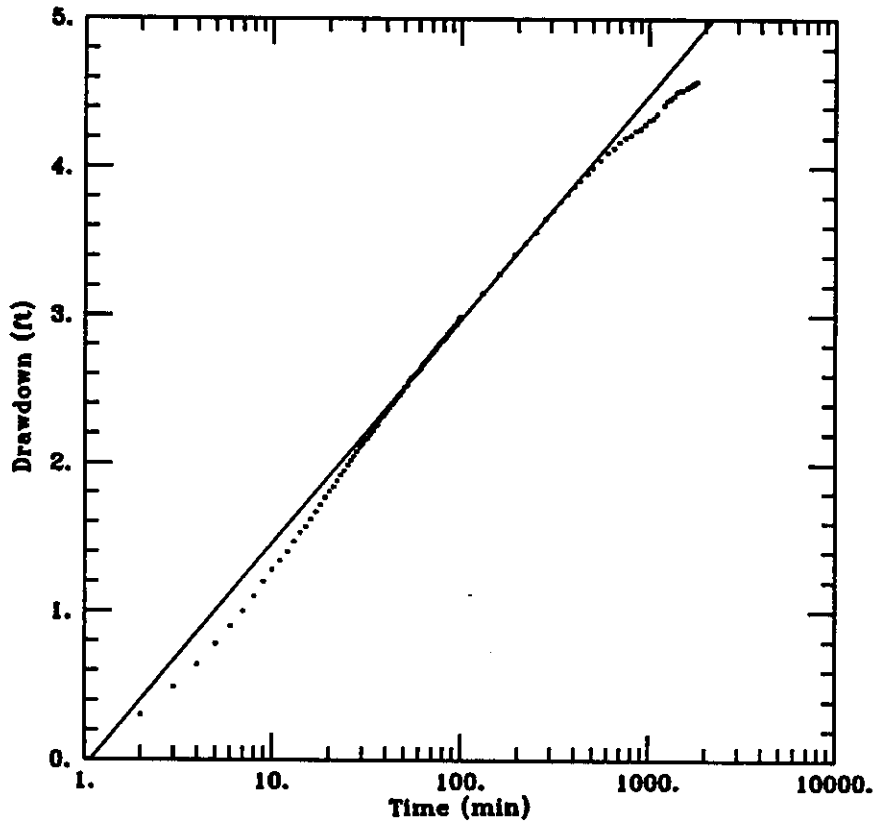
SEMI-CONFINED PRODUCTION WELL OKS-93P



SEMI-CONFINED OBSERVATION WELL OKS-93D



OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper-Jacob

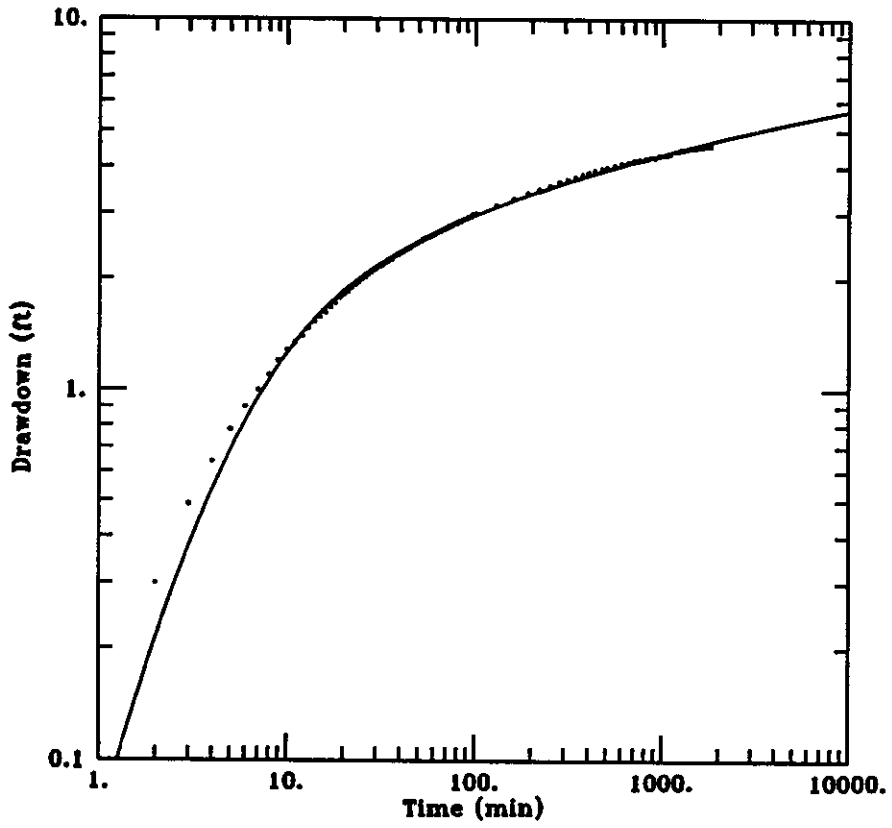
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D01

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.379E+04 gal/day/ft
S = 0.000686

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Papadopulos-Cooper

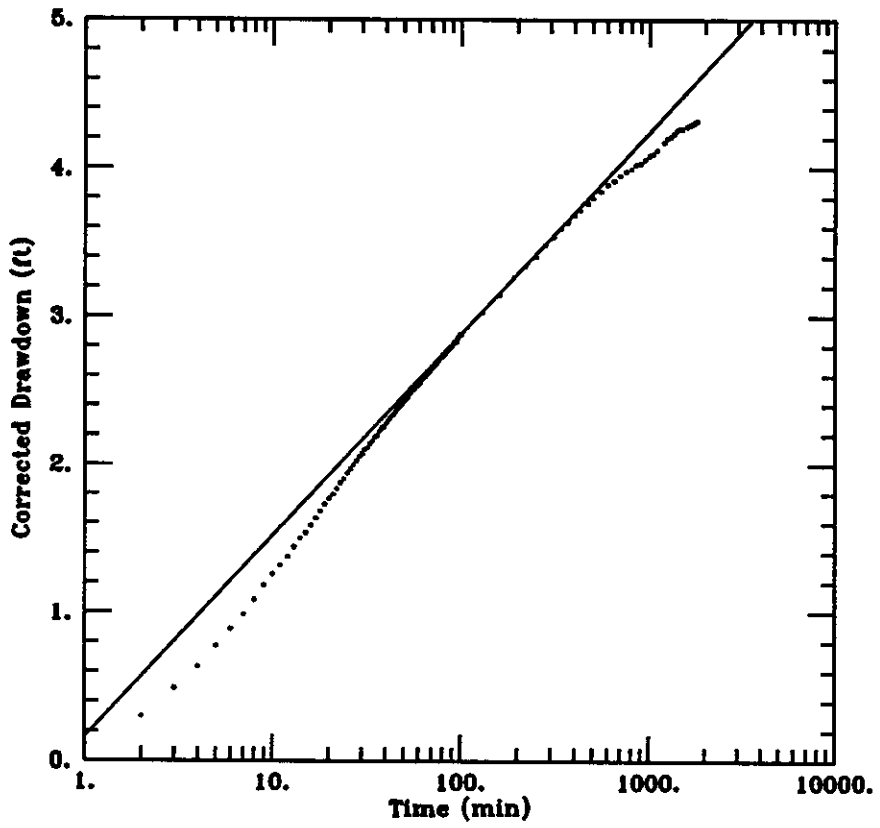
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D01

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.556E+04 gal/day/ft
S = 0.0004115
a = 2.355E-05

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Unconfined
SOLUTION METHOD:
Cooper-Jacob

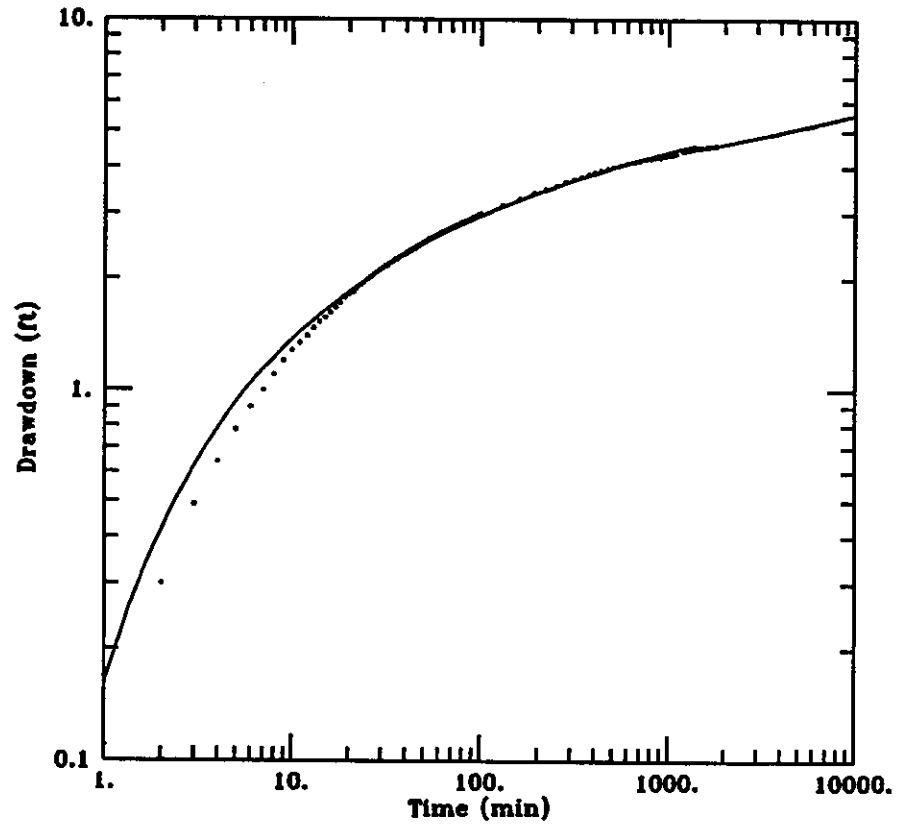
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D01

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.531E+04 gal/day/ft
S = 0.0005388

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Unconfined
SOLUTION METHOD:
Neuman (approx.)

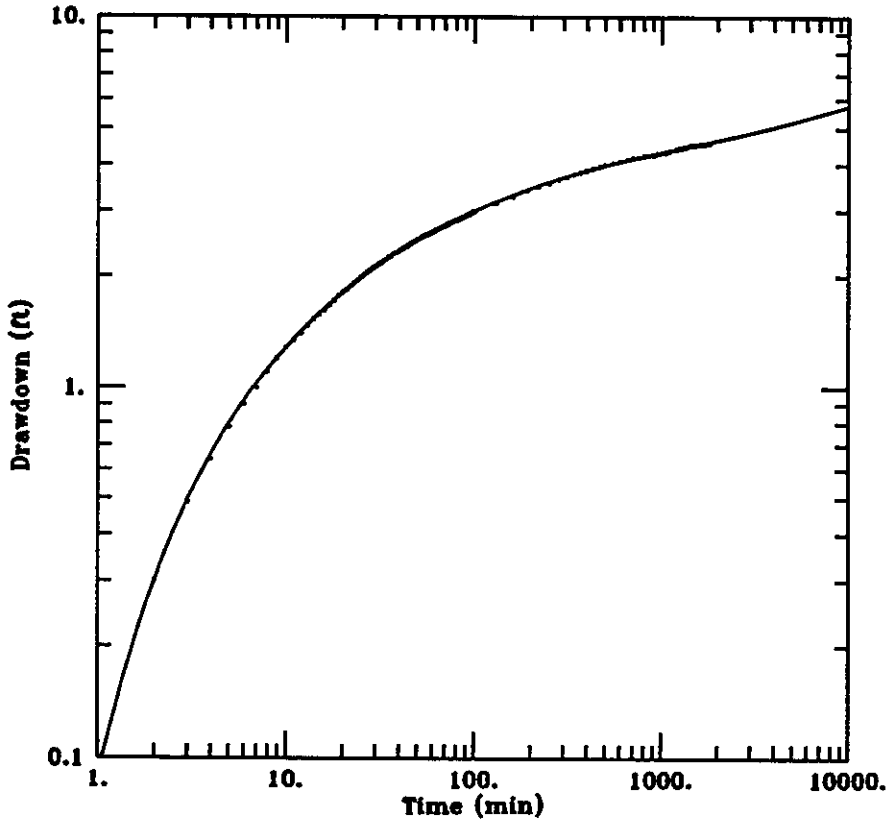
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D01

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.163E+04 gal/day/ft
S = 0.0009642
Sy = 0.003566
β = 0.001094

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93002.DAT
02/19/97

AQUIFER MODEL:
Unconfined
SOLUTION METHOD:
Neuman

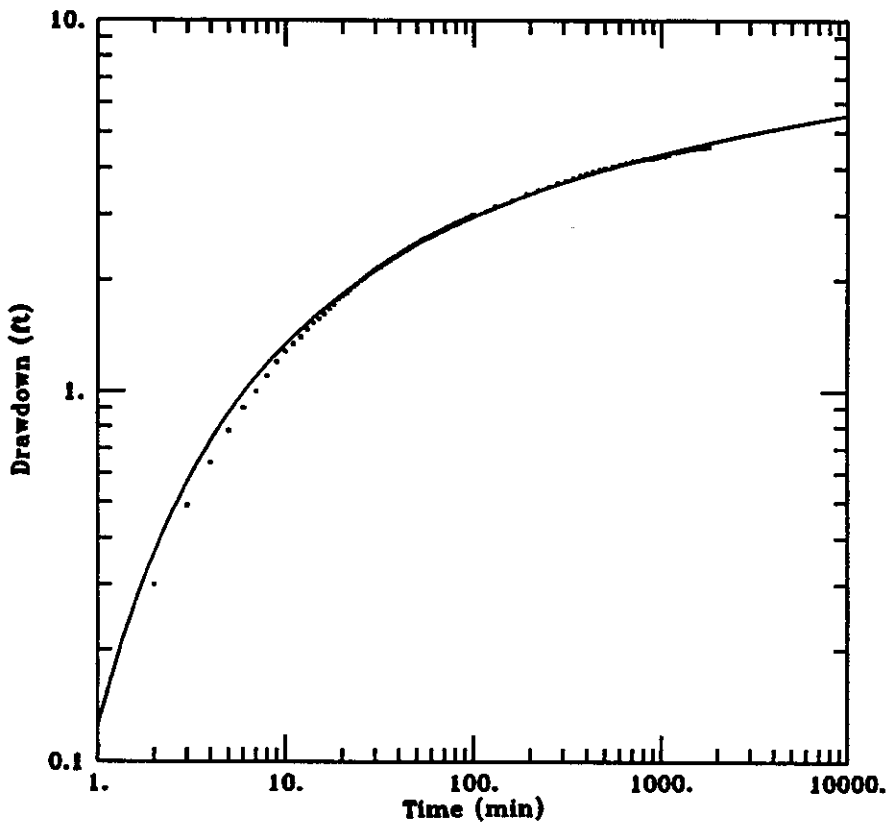
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D01

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 9695.8 gal/day/ft
S = 0.001206
Sy = 0.008582
β = 0.003573

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93002.DAT
02/19/97

AQUIFER MODEL:
Leaky
SOLUTION METHOD:
Hantush (w/ stor.)

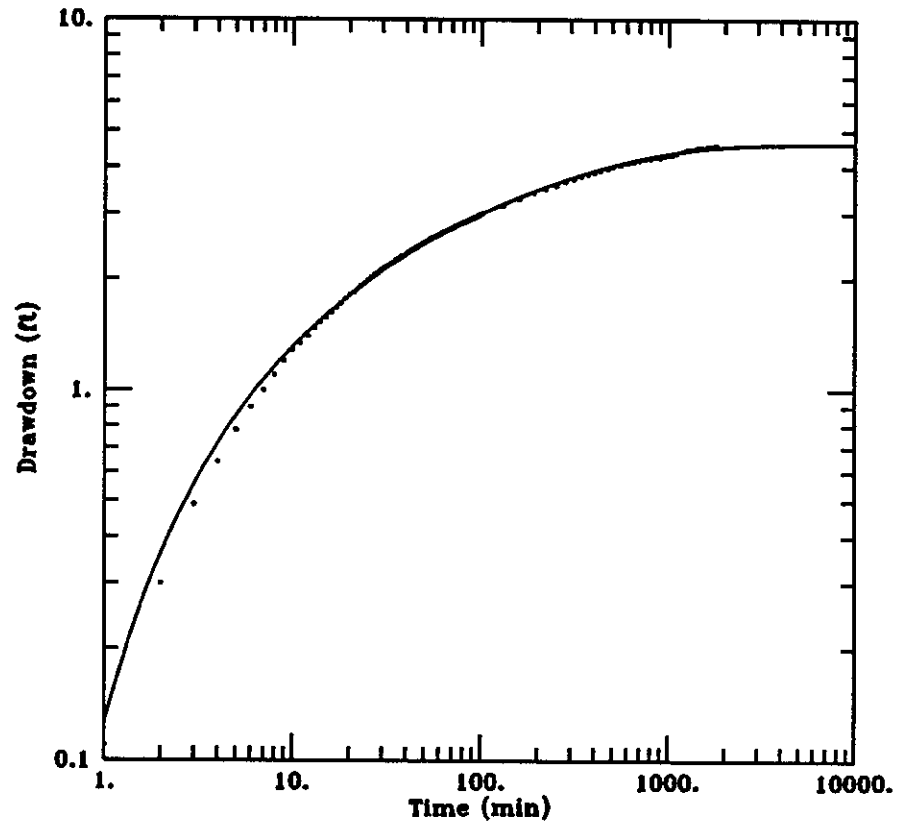
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D01

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 9581.7 gal/day/ft
S = 0.0009739
β = 0.0493

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93002.DAT
02/19/97

AQUIFER MODEL:
Leaky
SOLUTION METHOD:
Hantush (no stor.)

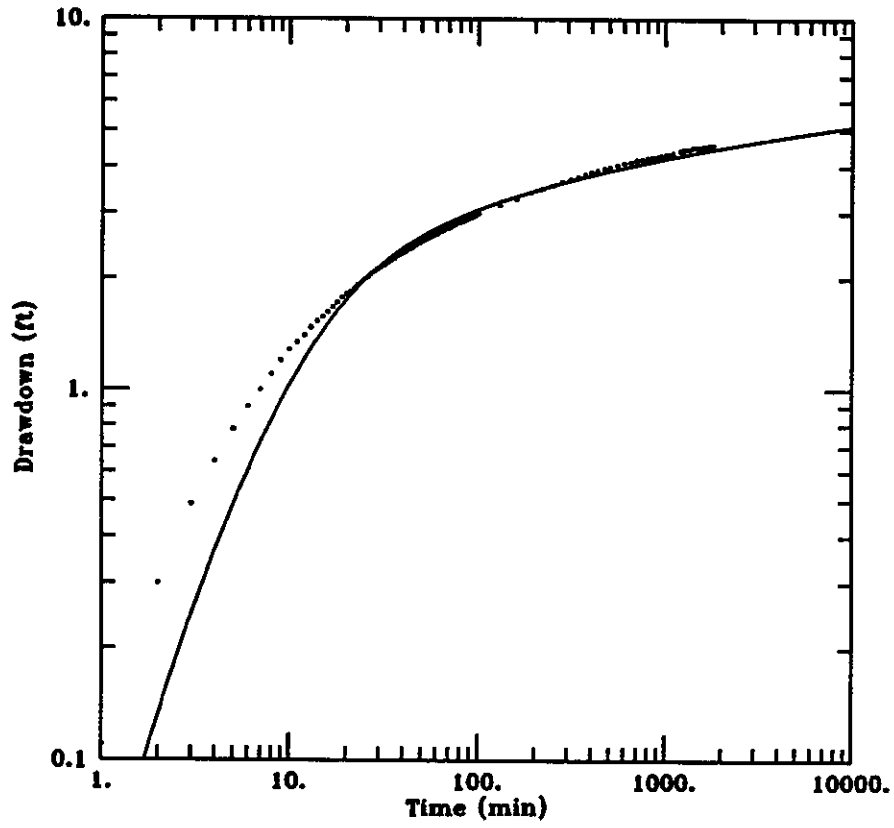
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93001

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.151E+04 gal/day/ft
S = 0.001117
r/B= 0.05972

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Leaky

SOLUTION METHOD:
Moench

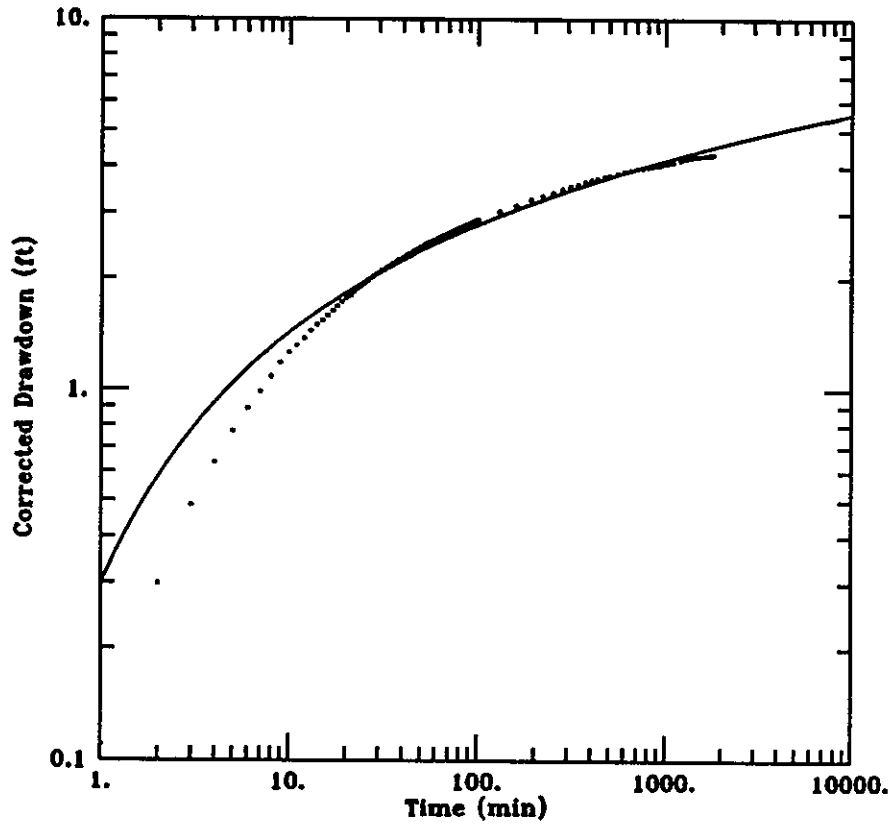
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D01

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.22E+04 gal/day/ft
S = 0.000372
r/B= 0.001
β = 0.03043
Sw = 0.
a = 1.41E-05

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Theis

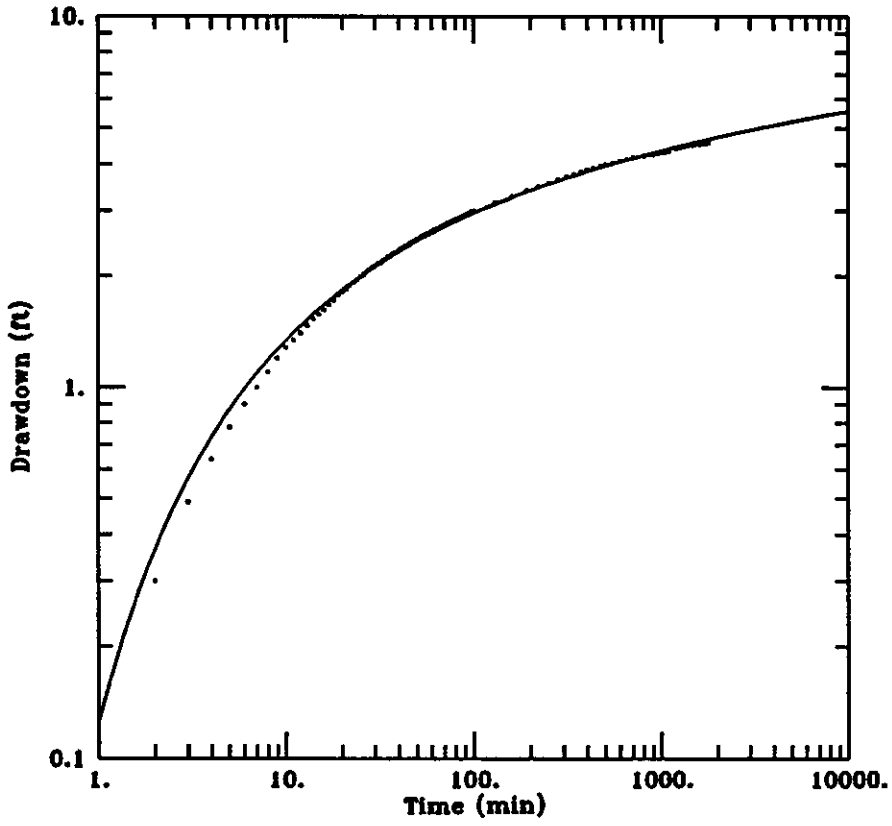
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D01

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.503E+04 gal/day/ft
S = 0.000682

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Leaky

SOLUTION METHOD:
Hantush (w/ stor.)

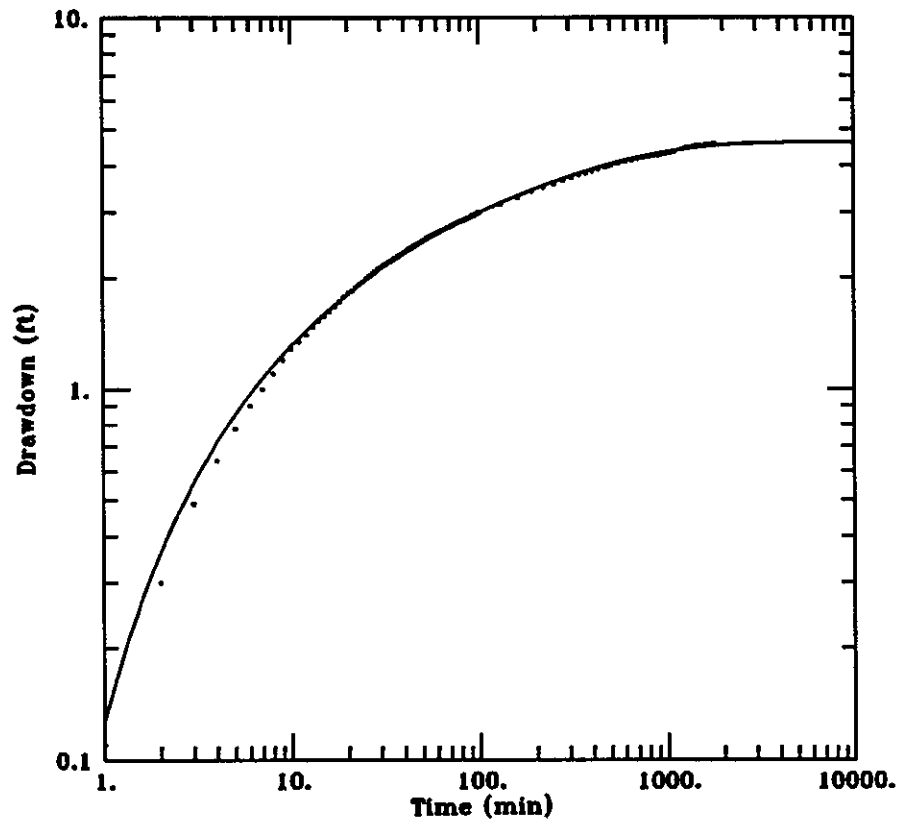
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D02

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 9581.6 gal/day/ft
S = 0.0009739
β = 0.0493

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93002.DAT
02/19/97

AQUIFER MODEL:
Leaky

SOLUTION METHOD:
Hantush (no stor.)

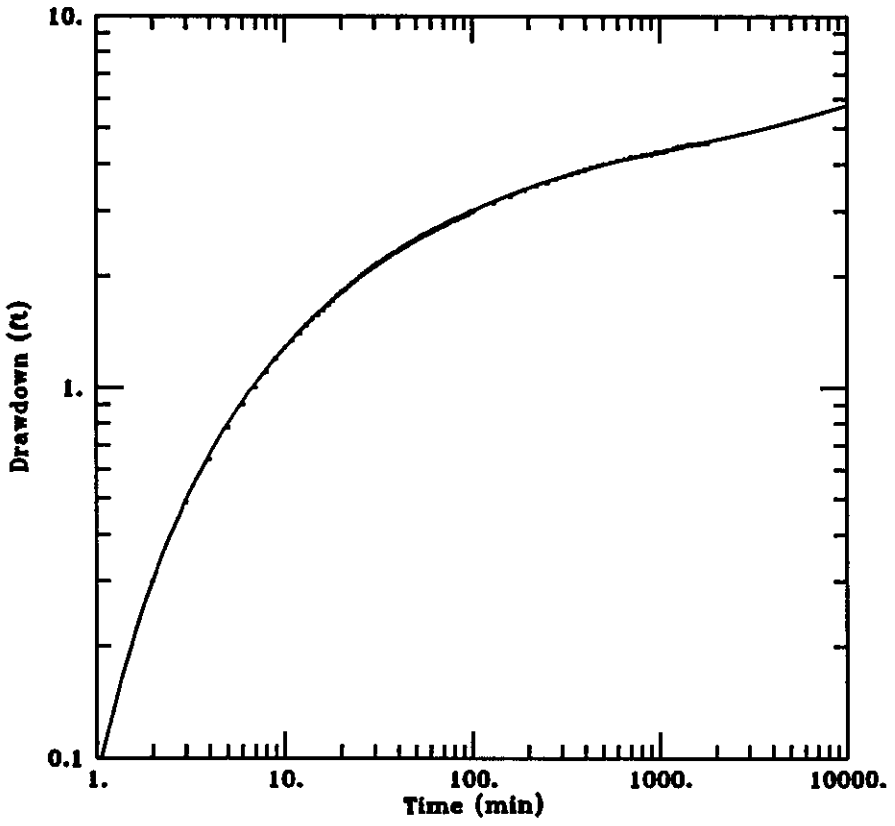
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93002

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.151E+04 gal/day/ft
S = 0.001117
r/B= 0.05972

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Neuman

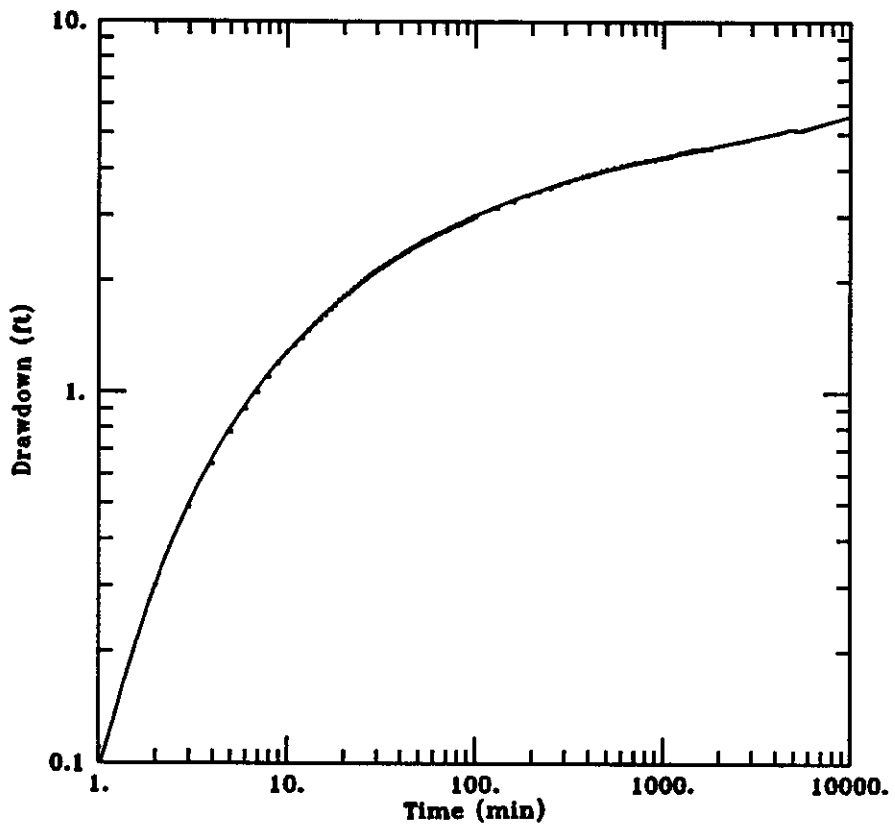
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D02

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 9695.8 gal/day/ft
S = 0.001206
Sy = 0.008582
β = 0.003573

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Unconfined
SOLUTION METHOD:
Neuman (approx.)

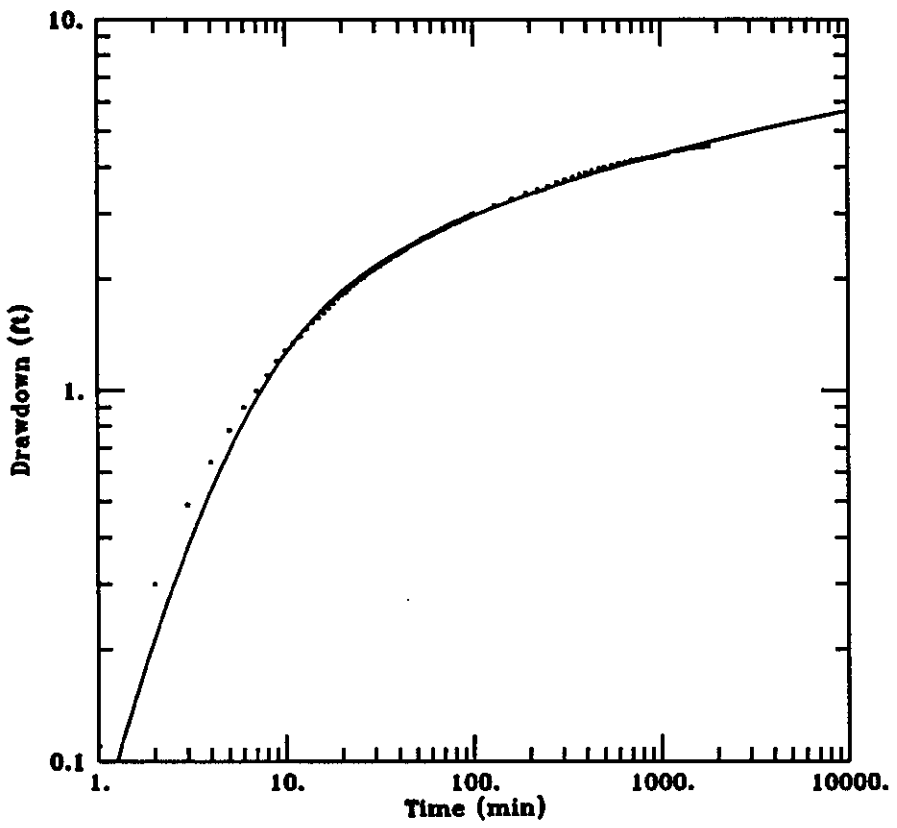
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D02

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 9799.5 gal/day/ft
S = 0.001198
Sy = 0.01008
β = 0.003845

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Papadopulos-Cooper

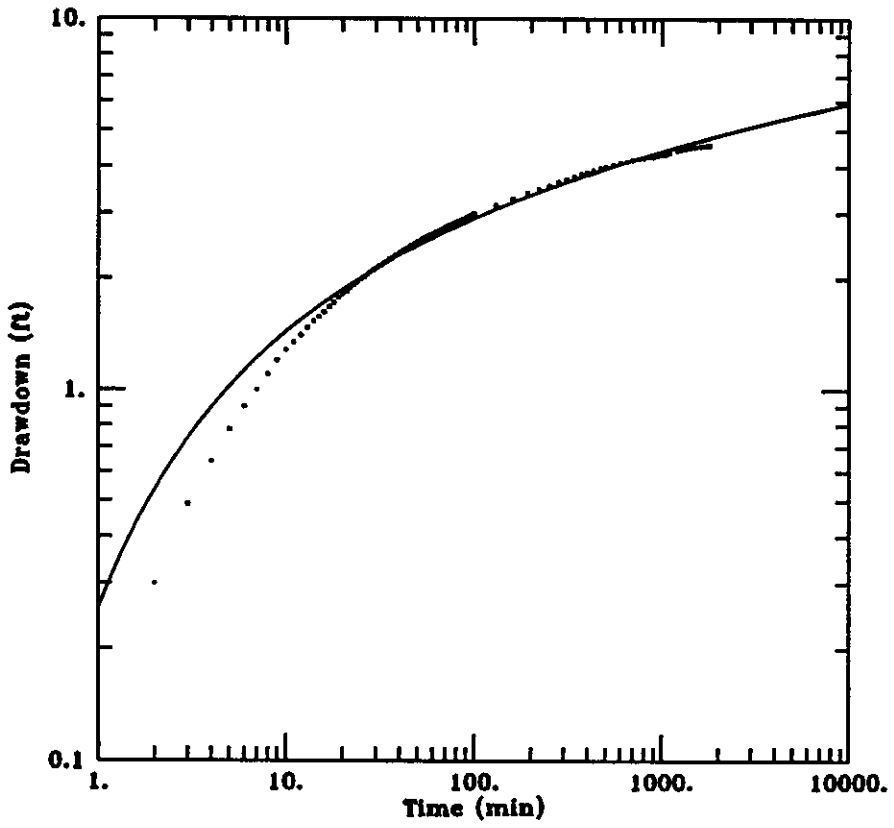
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D02

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.556E+04 gal/day/ft
S = 0.0004115
a = 2.355E-05

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93D02.DAT
02/19/97

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Theis

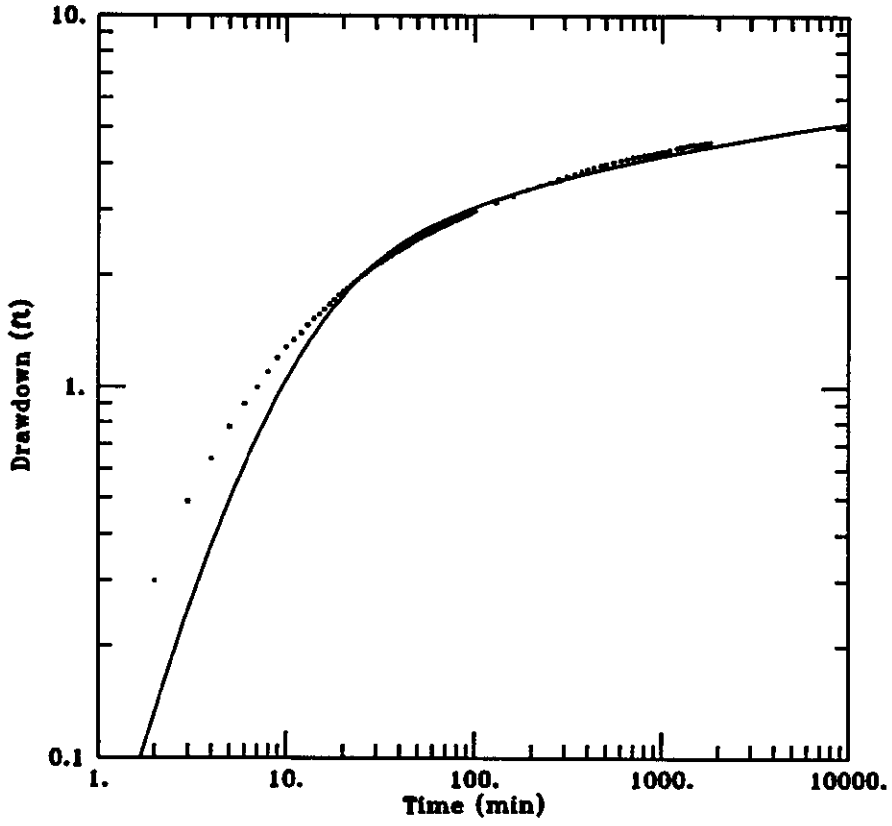
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93D02

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.382E+04 gal/day/ft
S = 0.0007612

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93002.DAT
02/19/97

AQUIFER MODEL:
Leaky

SOLUTION METHOD:
Moench

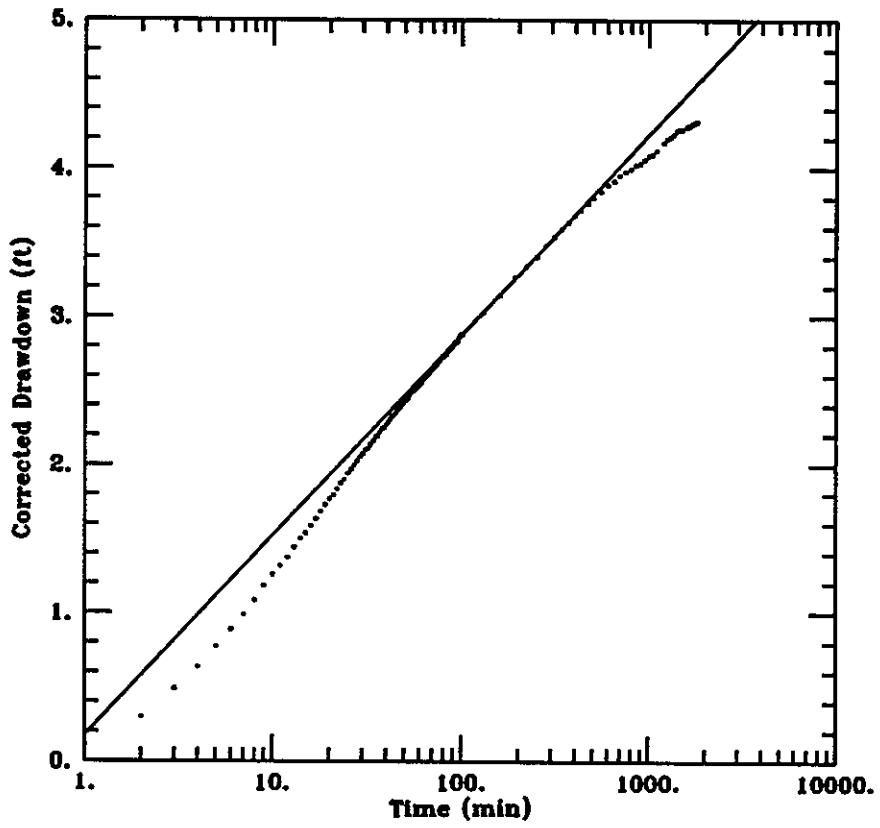
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93002

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.165E+04 gal/day/ft
S = 0.0003782
r/B = 0.005089
β = 0.04157
Sw = 0.
a = 1.571E-05

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93002.DAT
02/19/97

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Cooper-Jacob

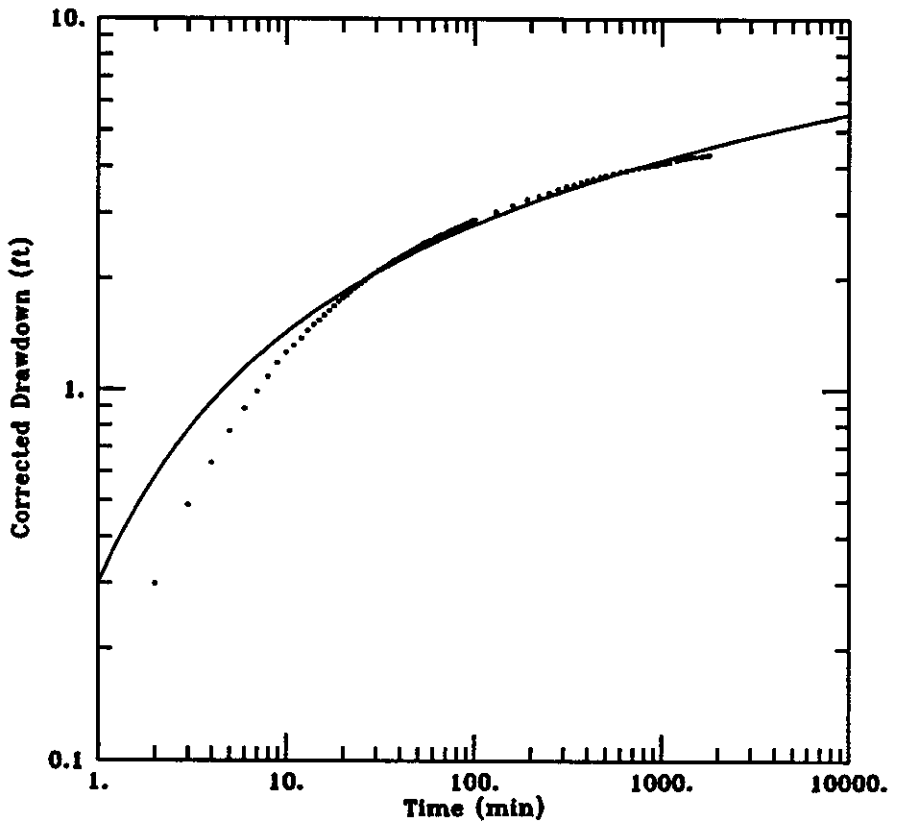
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93002

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.542E+04 gal/day/ft
S = 0.000529

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93002.DAT
02/19/97

AQUIFER MODEL:
Unconfined

SOLUTION METHOD:
Theis

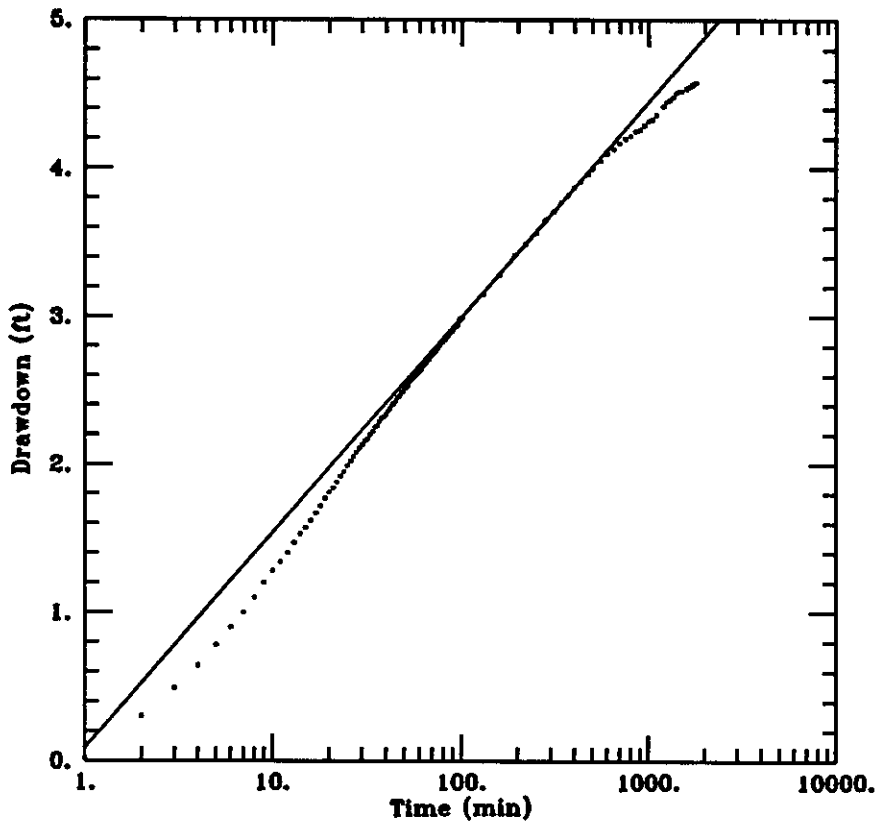
PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93002

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.503E+04 gal/day/ft
S = 0.000682

AQTESOLV

OKS-93 MIDDLE PRODUCING ZONE APT



DATA SET:
OKS93002.DAT
02/19/97

AQUIFER MODEL:
Confined

SOLUTION METHOD:
Cooper-Jacob

PROJECT DATA:
test date: March 28-30, 1994
test well: OKS-93P
obs. well: OKS-93002

TEST DATA:
Q = 79. gal/min
r = 67.4 ft
r_c = 0.25 ft
r_w = 0.33 ft
b = 40. ft

PARAMETER ESTIMATES:
T = 1.433E+04 gal/day/ft
S = 0.0005752

AQTESOLV