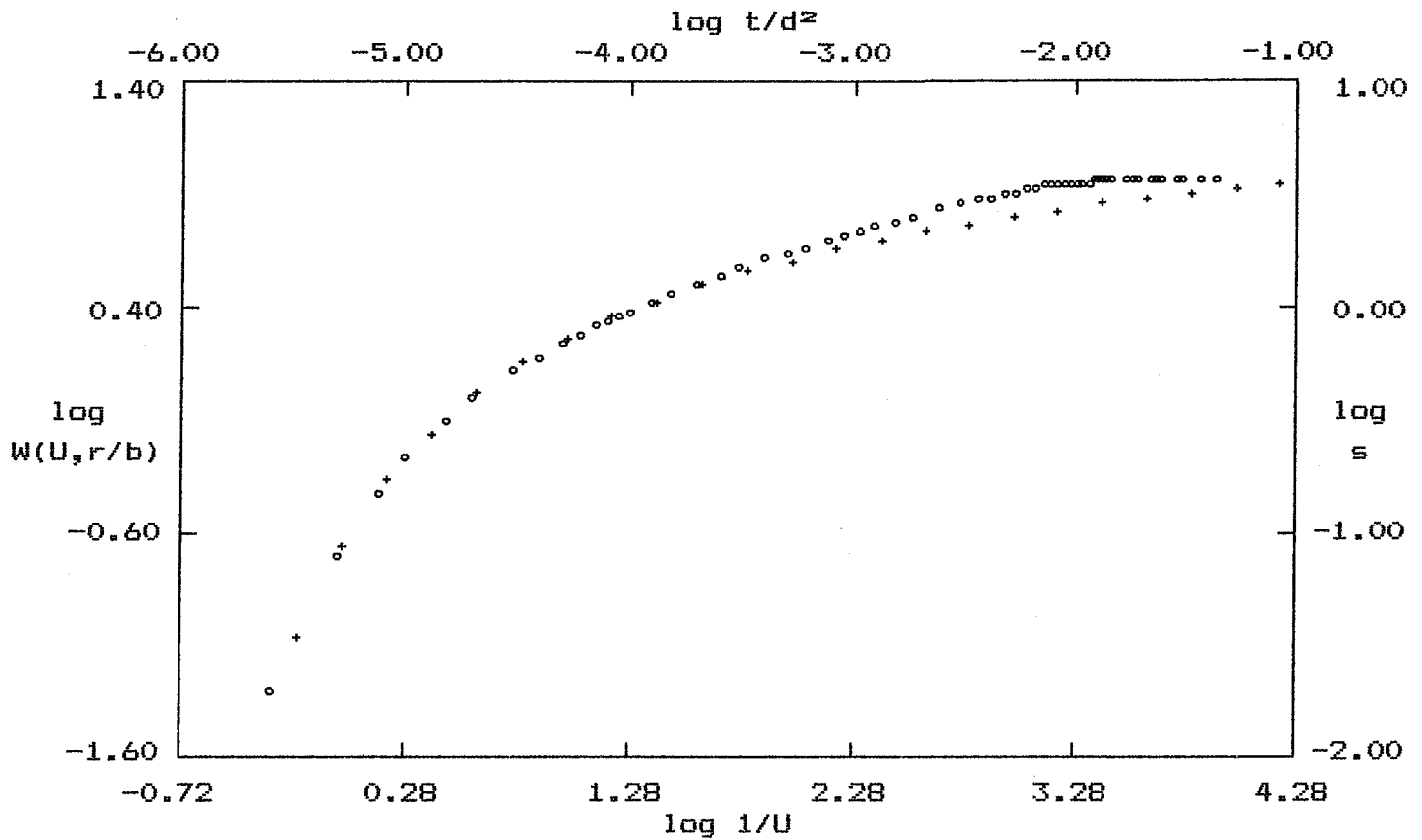


PUMP TEST DATA



o - Data

+ - Type Curve

Confined Leaky: $r/B = 0.01$

SOLUTION

Transmissivity = $1.269E+01$ ft.²/min. = 136,678 gpd/ft

Storativity = $2.664E-04$

Turner South H1184

6 .873E-02 .1294E+05 .3366E-03 .1863E-03
 7 .785E-02 .1273E+05 .3572E-03 .2108E-03
 8 .728E-02 .1253E+05 .3753E-03 .2349E-03
 9 .692E-02 .1238E+05 .3902E-03 .2562E-03
 10 .674E-02 .1226E+05 .4018E-03 .2734E-03
 11 .666E-02 .1218E+05 .4103E-03 .2859E-03
 12 .662E-02 .1212E+05 .4162E-03 .2944E-03
 13 .659E-02 .1209E+05 .4202E-03 .3004E-03
 14 .658E-02 .1206E+05 .4227E-03 .3043E-03
 15 .658E-02 .1205E+05 .4244E-03 .3068E-03
 16 .657E-02 .1204E+05 .4255E-03 .3084E-03
 17 .657E-02 .1203E+05 .4261E-03 .3094E-03
 18 .657E-02 .1203E+05 .4265E-03 .3100E-03
 19 .657E-02 .1203E+05 .4268E-03 .3104E-03

Turner South H484

TERMINATION DUE TO PARAMETER CONVERGENCE

FINAL RESULTS

ITER FUNCTION TRANSMISS STORTIVITY SPEC_LEAK

19 .657E-02 .1203E+05 .4270E-03 .3104E-03

FRACTIONAL COMPONENTS OF FUNCTION VALUE

WELL #	1	2
	.0000	1.000

$T = 89,984 \text{ gpd/ft}$

$S = 4.27 \times 10^{-4}$

$K'/b' = 3.104 \times 10^{-3} \text{ day}^{-1}$

DO YOU WANT A SENSITIVITY ANALYSIS ? (Y/N)

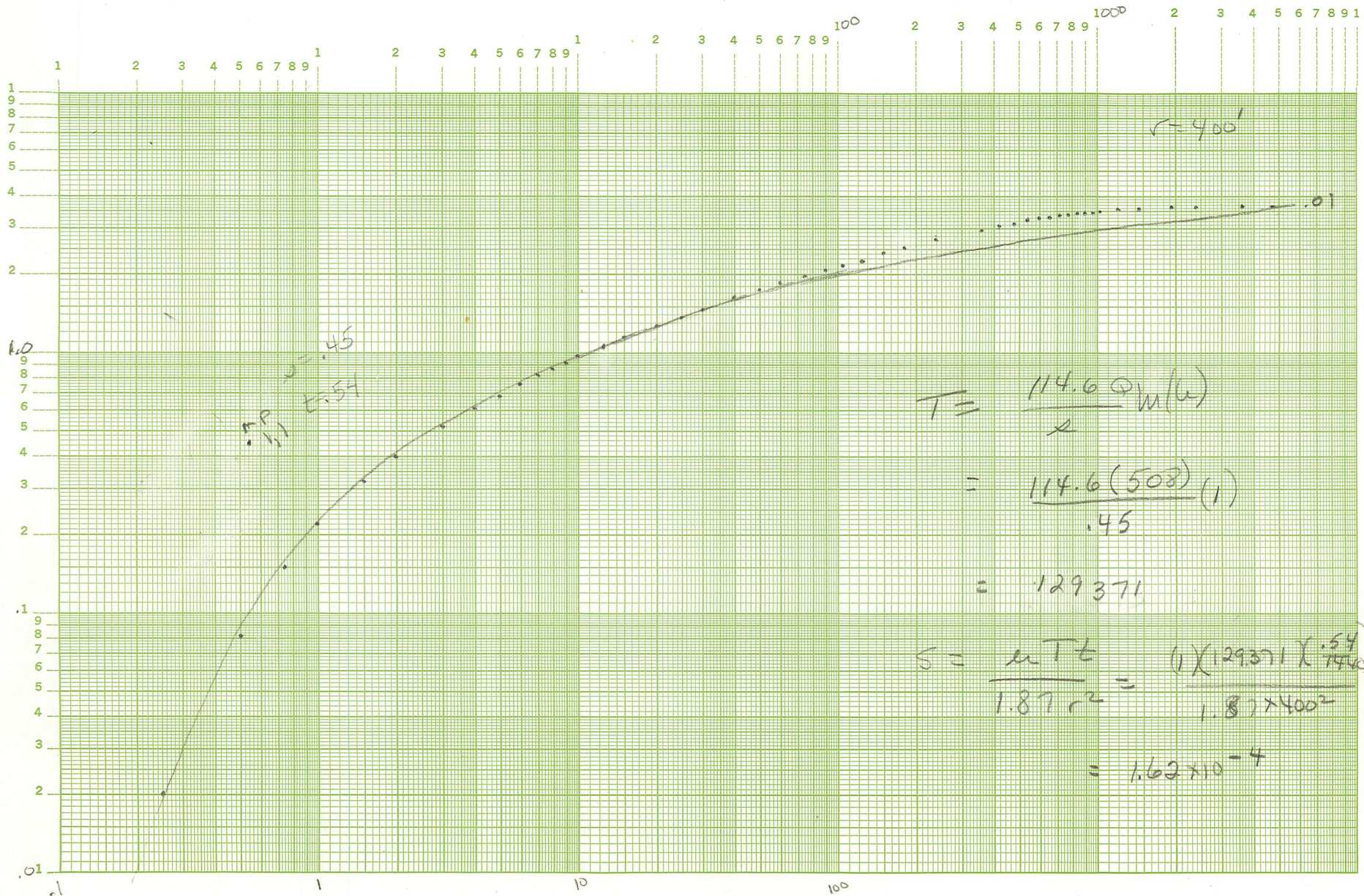
SENSITIVITY ANALYSIS

TWO STANDARD DEVIATION CONFIDENCE INTERVALS

PARAMETER	VALUE	LOWER LIMIT	UPPER LIMIT
TRANSMISS	.1203E+05	0.1198E+05	0.1207E+05
STORTIVITY	.4270E-03	0.0000	0.2037E-02
SPEC_LEAK	.3107E-03	0.0000	0.2449E-02

TO CONTINUE ENTER "RETURN"

South
46 7522
H-84
 $r = 400$



$$T = \frac{114.6 \phi_m(u)}{r}$$

$$= \frac{114.6(508)(1)}{.45}$$

$$= 129371$$

$$S = \frac{n T t}{1.87 r^2} = \frac{(1)(129371)(.54)}{1.87 \times 400^2}$$

$$= 1.62 \times 10^{-4}$$