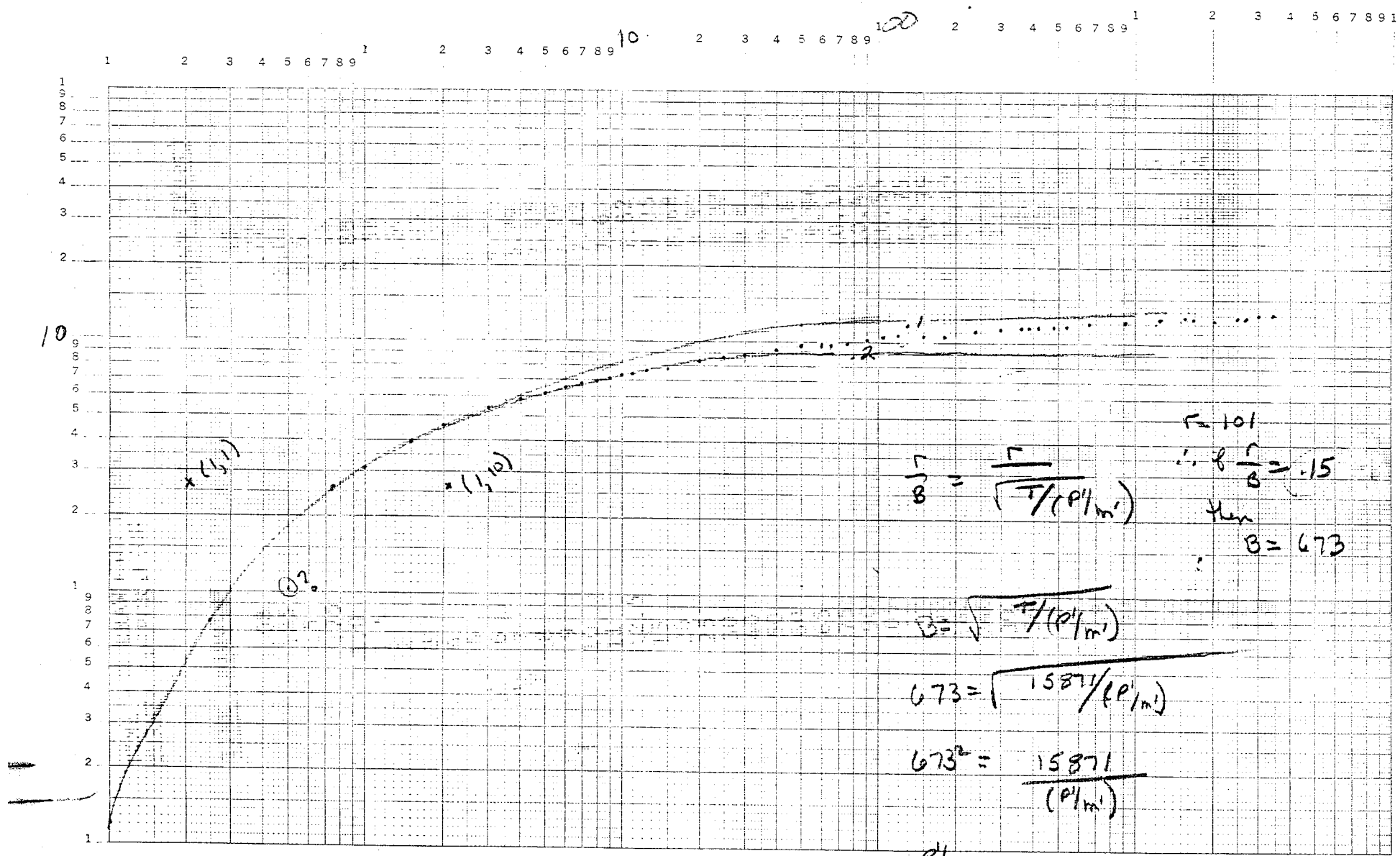
H-M-122 r = 101'

Q = 367



$\Delta h = 13.0'$

$\frac{r}{B} = \frac{r}{\sqrt{T/(P'/m')}}$

$r = 101$

$\therefore \beta \frac{r}{B} = .15$

then

$B = 673$

$B = \sqrt{T/(P'/m')}$

$673 = \sqrt{1587 / (P'/m')}$

$673^2 = \frac{1587}{(P'/m')}$

$P'/m' = \text{leakance} = 3.5 \times 10^{-2}$

$w(u) = 1$

$t_D = 1$

$t_D = .25$

$A = 2.65$

$T = \frac{(114.6)(367)}{2.65}(1) = 1587$

$S = \frac{(1)(1587)(.25)}{\quad} - 1.44 \times -4$

(2)

WELL H-M-122

TIME AND DRAWDOWN DATA, NORTH SITE AQUIFER TEST
TURNER CORPORATION

TIME (minutes)	DRAWDOWN (feet)
.08	.12
.25	.77
.5	1.01
.75	2.6
1.0	3.13
1.5	3.88
2	4.58
3	5.36
4	5.85
5	6.22
6	6.51
7	6.76
8	6.96
9	7.13
10	7.29
11	7.42
12.5	7.6
15	7.82
20	8.35
25	8.68
30	8.92
40	9.32
50	9.6
60	9.71
65	9.8
75	9.96
90	10.19
105	10.41
120	10.55
150	10.75
182	10.79
240	11.09
300	11.23
360	11.37
387	11.44
422	11.47
480	11.79
537	11.87
592	11.89
662	12.01
838	12.18
903	12.21
1212	12.34
1260	12.5

WELL H-M-122

TIME AND DRAWDOWN DATA, NORTH SITE AQUIFER TEST
TURNER CORPORATION - CONT'D

TIME (minutes)	DRAWDOWN (feet)
1560	12.75
1700	12.62
2040	12.42
2500	12.75
2700	12.87
3030	13.01
3390	13.08
3810	13.06
4110	13.08