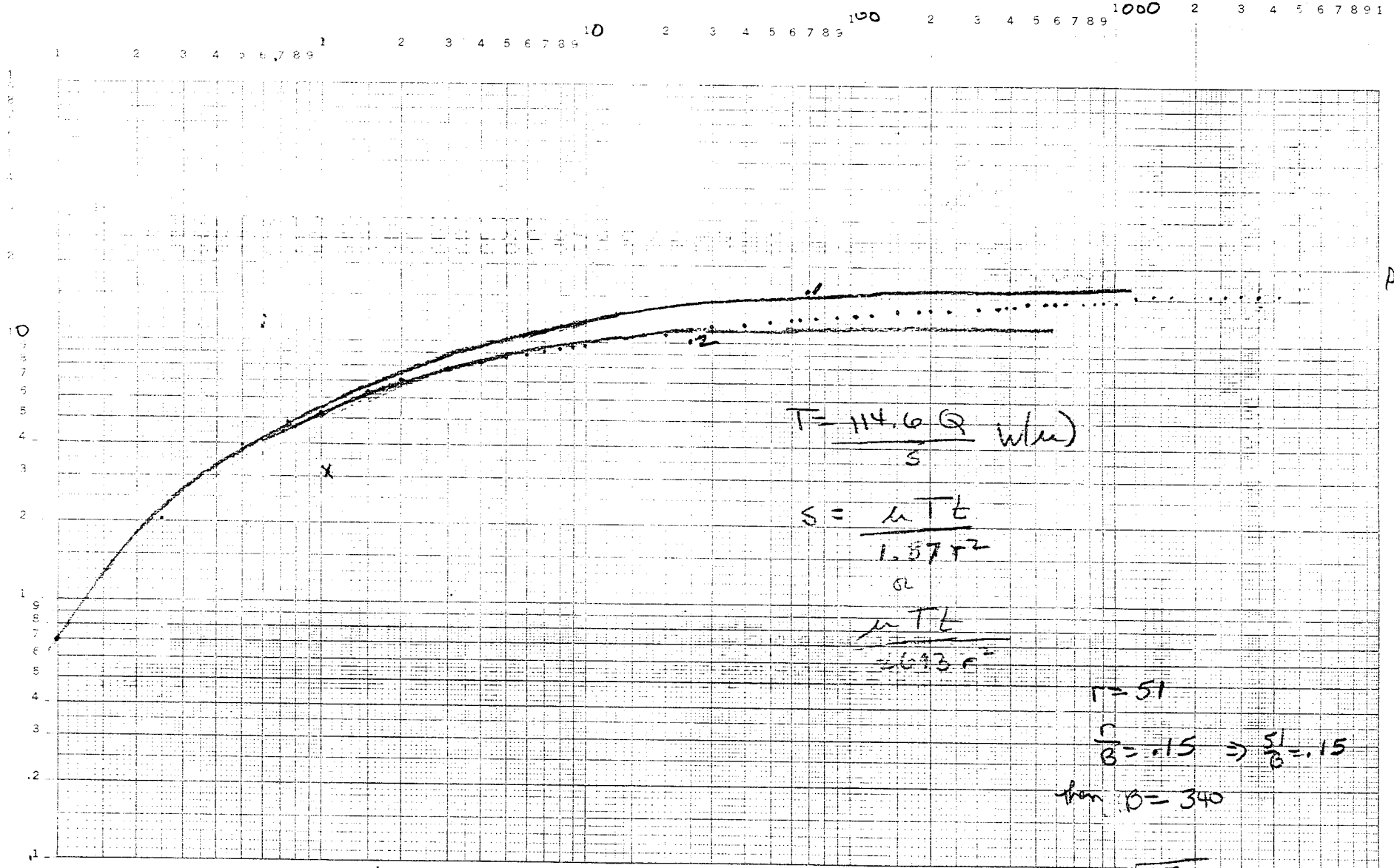


#-m-121

Q = 367 GPM

r = 51'



$P_m = 15.7$

$$T = \frac{114.6 (Q)}{S} \text{ w/m}$$

$$S = \frac{\mu T t}{1.57 r^2}$$

$$\mu T t = 2693 \text{ ft}^2$$

$$r = 51$$

$$\frac{r}{B} = 0.15 \Rightarrow \frac{51}{B} = 0.15$$

$$\text{then } B = 340$$

$$T = \frac{114.6 (367)}{3.1} (1) = 13567$$

t = minutes

$$S = \frac{(6.1)(13567)(1.05)}{(2693)(\text{ft})^2} = 2.03 \times 10^{-4}$$

$$340 = \sqrt{\frac{1}{(P'_m)}}$$

$$340^2 = \frac{13500}{(P'_m)}$$

$$P'_m = \frac{13500}{13500} = 1.16 \times 10^{-1}$$

$$\begin{aligned} \frac{1}{\beta} &= 1 \\ \frac{1}{\beta} &= 1.0 \\ t &= 1.05 \\ \Delta &= 3.1 \end{aligned}$$

WELL H-M-121

TIME AND DRAWDOWN DATA, NORTH SITE AQUIFER TEST
TURNER CORPORATION

<u>TIME (minutes)</u>	<u>DRAWDOWN (feet)</u>
.08	.70
.25	2.02
.5	3.97
.75	4.78
1.0	5.29
1.5	6.28
2	7.04
3	7.84
4	8.33
5	8.69
6	8.96
7	9.22
8	9.39
9	9.57
10	9.72
20	10.87
25	11.19
30	11.45
40	11.85
50	12.09
60	12.21
65	12.30
75	12.44
90	12.715
105	12.935
120	13.09
150	13.285
180	13.29
200	13.46
238	13.62
305	13.8
361	13.94
385	14.03
424	14.06
477	14.41
545	14.46
600	14.50
658	14.60
779	14.67
840	14.78
901	14.815
1020	14.78
1205	15.11

WELL H-M-121

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

<u>TIME (minutes)</u>	<u>DRAWDOWN (feet)</u>
1400	15.40
1660	15.55
2320	15.42
2690	15.54
3025	15.71
3565	15.71
4113	15.71