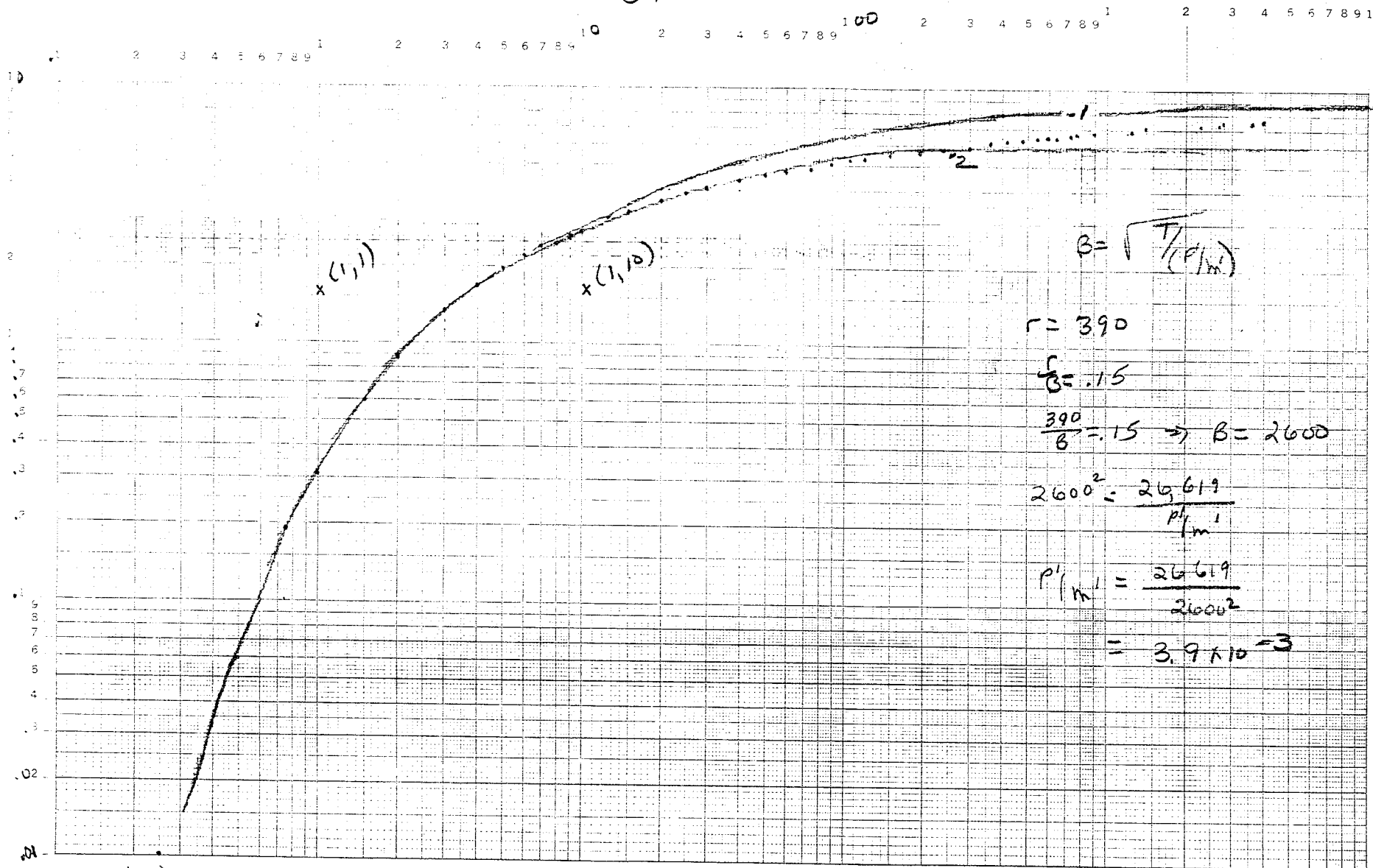


14-M-123 $Q = 367 \text{ g cm}$
 $r = 390'$



$A_m = 7.6'$

$$B = \sqrt{\frac{T}{(P/m)}}$$

$$r = 390$$

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

$$\frac{390}{B} = .15 \Rightarrow B = 2600$$

$$2600^2 = \frac{26,619}{P/m}$$

$$P/m = \frac{26,619}{2600^2}$$

$$= 3.9 \times 10^{-3}$$

$$\begin{aligned} w(u) &= 1 \\ \frac{1}{u} &= 1 \\ t &= 1.02 \\ Q &= 1.58 \end{aligned}$$

$$T = \frac{114.6(367)}{1.58}(1) = 26,619$$

$$S = \frac{(1)(26,619)(1.02)}{1.58} = 6.6 \times 10^{-5}$$

(3)

WELL H-M-123

TIME AND DRAWDOWN DATA, NORTH SITE AQUIFER TEST
TURNER CORPORATION

<u>TIME (minutes)</u>	<u>DRAWDOWN (feet)</u>
.25	.01
.5	.06
.75	.19
1	.31
1.5	.60
2	.88
3	1.33
4	1.69
5	1.98
6	2.20
7	2.40
8	2.49
9	2.63
10	2.76
12.5	3.10
15	3.29
20	3.62
25	3.94
30	4.09
40	4.38
50	4.59
60	4.74
75	4.92
90	5.08
105	5.22
120	5.32
150	5.485
193	5.66
240	5.79
300	5.94
364	6.155
420	6.24
480	6.33
554	6.43
600	6.50
650	6.56
730	6.63
786	6.67
845	6.72
900	6.76

WELL H-M-123

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

<u>TIME (minutes)</u>	<u>DRAWDOWN (feet)</u>
1228	6.92
1405	7.14
1735	7.13
1920	7.06
2280	7.23
2700	7.37
2880	7.50
3150	7.51
3385	7.54
3745	7.57
4105	7.59