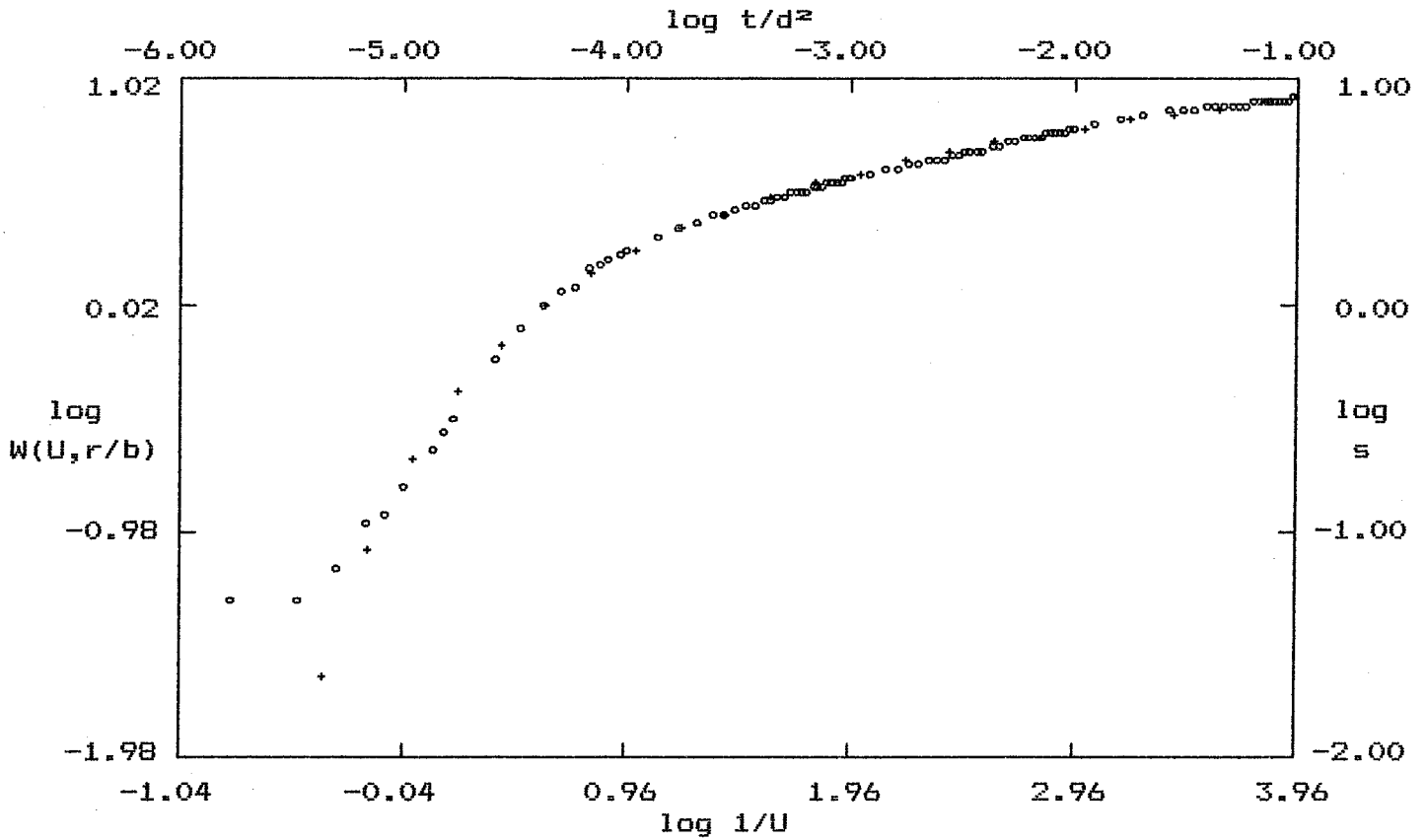


PUMP TEST DATA



o - Data  
 + - Type Curve  
 Confined Leaky:  $r/B = \text{Theis}$

SOLUTION

Transmissivity =  $5.904E-01$  ft.<sup>2</sup>/min. = *6355 gpd/ft*  
 Storativity =  $2.589E-05$

*BTA 7*

OPTIMIZATION BY LEVENBERG-MARQUARDT MINIMIZATION ALGORITHM

ITER	FUNCTION	TRANSMISS	STORTIVTY
1	.465E-01	856.2	.2551E-04
3	.418E-01	883.4	.2131E-04
5	.415E-01	881.6	.2100E-04

TERMINATION DUE TO PARAMETER CONVERGENCE

FINAL RESULTS

ITER	FUNCTION	TRANSMISS	STORTIVTY
5	.415E-01	882.0	.2098E-04

FRACTIONAL COMPONENTS OF FUNCTION VALUE

WELL # 1  
1.000

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

R7A7  
 $T = 6597 \text{ gpd/ft}$   
 $S = 2.098 \times 10^{-5}$

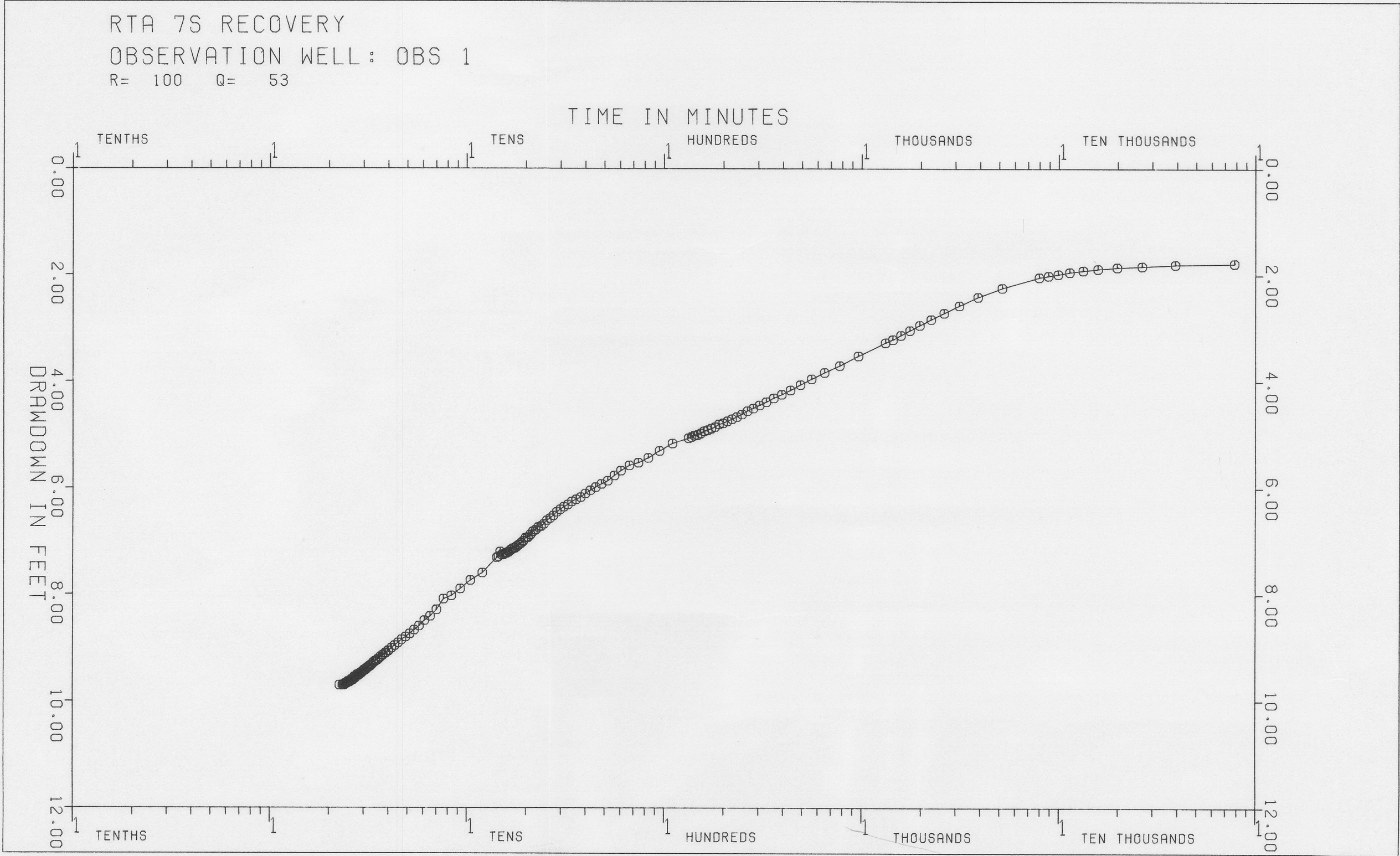
SENSITIVITY ANALYSIS

TWO STANDARD DEVIATION CONFIDENCE INTERVALS

PARAMETER	VALUE	LOWER LIMIT	UPPER LIMIT
TRANSMISS	882.0	880.9	883.2
STORTIVTY	.2098E-04	0.0000	0.5652E-04

TO CONTINUE ENTER "RETURN"

WMD TAPENO 6022 PLOT NO 0004 TIME 21:12  
USER NO KADAMS DATE 88/03/07





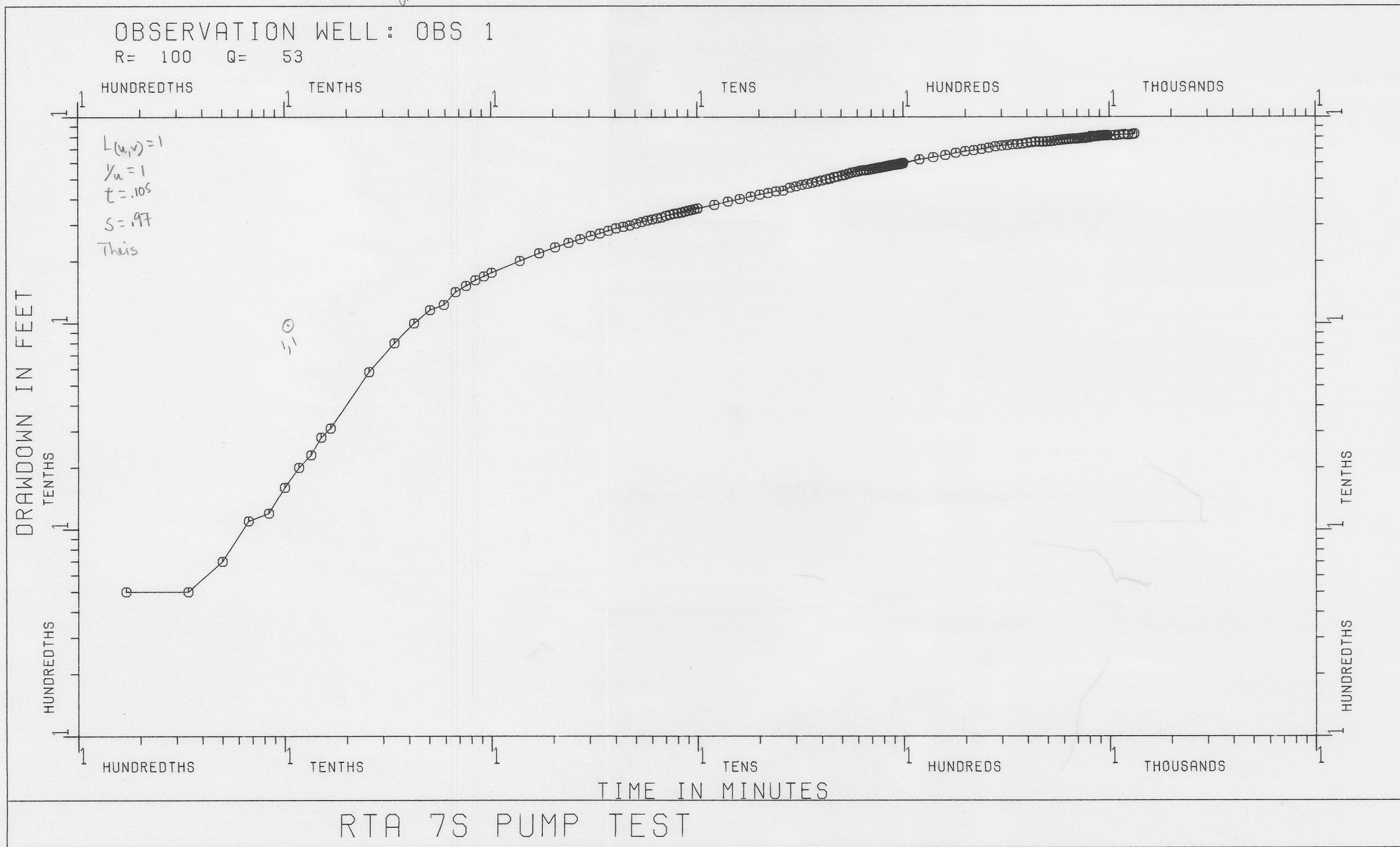
TAPENO 6022 PLOT NO 0001  
USER NO KADAMS DATE 88/03/07 TIME 21:11

WMD

RTA 7S PUMP TEST

$$T = \frac{1440 Q L_{uv}}{4\pi s (7.48)}$$
$$= \frac{1440 (53)(1)}{4\pi (.97)(7.48)} = 837 \text{ ft}^2/\text{day}$$
$$= 6261 \text{ gpd/ft}$$

$$S = \frac{4T t/r^2}{y_u}$$
$$= \frac{4(837) \left(\frac{.105}{1440}\right)}{1}$$
$$= 2.44 \times 10^{-5}$$





RTA-78/GLADES CO.  
Run 1  
06/04/84

SE200A DATA  
constant rate test

### TRANSDUCER TABLE

Input 1: OBSERVATION  
Transducer s/n: 38  
Scale factor: 9.96  
Initial level: 3.9 feet

### FAST DATA

Input 2: PUMPED  
Transducer s/n: 171  
Scale factor: 49.83  
Initial level: 7.06 feet

### PUMP SCHEDULE

Drawdown for 1800 min  
Pump at 70 GPM

Recovery for 1800 min

### SAMPLING SCHEDULE

0-10	sec	@	1	sec
10-60	sec	@	5	sec
1-10	min	@	20	sec
10-100	min	@	2	min
100-1000	min	@	20	min
1000-10000	min	@	60	min
10000-99999	min	@	200	min

-----DRAWDOWN REPORT-----

Started at 1656  
Lasted 1329.4 min

Input 1 (feet):

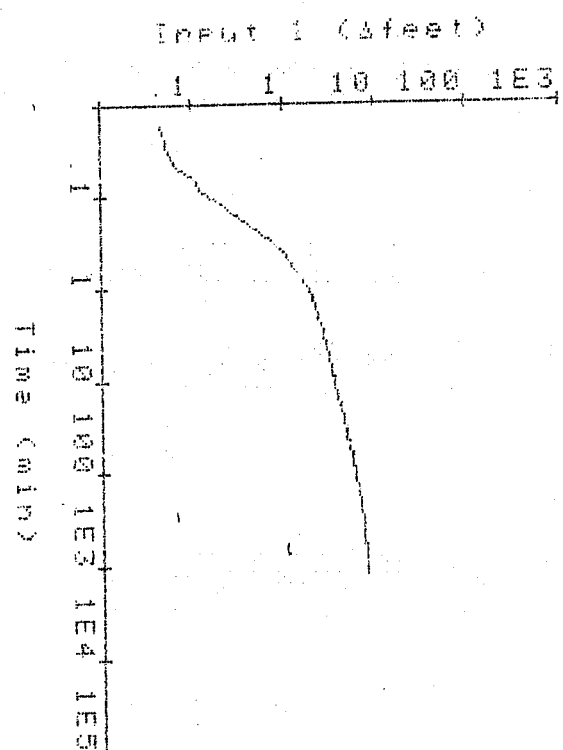
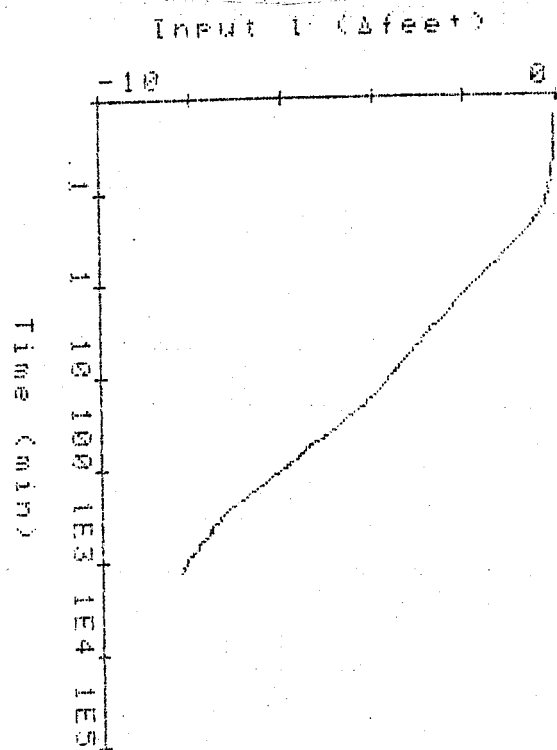
Time	ET (min)	level	Δlevel
1656	0.000	3.80	0.00
1656	0.017	3.85	-0.05
1656	0.034	3.85	-0.05
1656	0.050	3.87	-0.07
1656	0.067	3.91	-0.11
1656	0.084	3.92	-0.12
1656	0.100	3.96	-0.16
1656	0.117	4.00	-0.20
1656	0.134	4.03	-0.23
1656	0.150	4.06	-0.26
1656	0.167	4.11	-0.31
1656	0.257	4.38	-0.58
1656	0.346	4.69	-1.09
1656	0.434	4.89	-1.06
1656	0.587	4.96	-1.16
1656	0.599	5.03	-1.23
1656	0.674	5.22	-1.42
1657	0.757	5.32	-1.52
1657	0.840	5.43	-1.62
1657	0.924	5.49	-1.69
1657	1.007	5.56	-1.76
1657	1.375	5.81	-2.01
1657	1.709	5.99	-2.19
1658	2.042	6.14	-2.34
1658	2.375	6.26	-2.46
1658	2.709	6.36	-2.56
1658	3.042	6.46	-2.66
1658	3.375	6.53	-2.73
1658	3.709	6.61	-2.81
1700	4.042	6.69	-2.89
1700	4.375	6.74	-2.94
1700	4.709	6.79	-2.99
1701	5.042	6.85	-3.05
1701	5.375	6.90	-3.10
1701	5.709	6.95	-3.15
1702	6.042	6.99	-3.19
1702	6.375	7.03	-3.23
1702	6.709	7.06	-3.26
1703	7.042	7.12	-3.32
1703	7.375	7.16	-3.36
1703	7.709	7.20	-3.40
1704	8.042	7.22	-3.42
1704	8.375	7.25	-3.45
1704	8.709	7.29	-3.49
1705	9.042	7.32	-3.52
1705	9.375	7.35	-3.55
1705	9.709	7.38	-3.58
1706	10.042	7.41	-3.61
1708	12.129	7.56	-3.76
1710	14.129	7.70	-3.90
1712	16.129	7.81	-4.01
1714	18.128	7.92	-4.12
1716	20.128	8.01	-4.21
1718	22.128	8.09	-4.29
1720	24.128	8.17	-4.37

1724	26.128	8.25	-4.45
1726	30.128	8.42	-4.62
1728	32.577	8.59	-4.79
1730	34.860	8.75	-4.95
1732	36.162	8.91	-5.11
1734	38.130	9.07	-5.27
1736	40.138	9.23	-5.43
1738	42.420	9.39	-5.59
1740	44.123	9.54	-5.74
1742	46.123	9.69	-5.89
1744	48.123	9.85	-6.05
1746	50.123	9.99	-6.19
1748	52.123	10.16	-6.36
1750	54.123	10.32	-6.52
1752	56.123	10.48	-6.68
1754	58.123	10.62	-6.82
1756	60.123	10.75	-6.95
1758	62.123	10.89	-7.09
1800	64.053	10.99	-7.19
1802	66.053	11.09	-7.29
1804	68.053	11.16	-7.36
1806	70.053	11.29	-7.49
1808	72.053	11.40	-7.60
1810	74.053	11.49	-7.69
1812	76.053	11.58	-7.78
1814	78.053	11.66	-7.86
1816	80.053	11.73	-7.93
1818	82.053	11.76	-7.96
1820	84.078	11.80	-8.00
1822	86.078	11.82	-8.02
1824	88.078	11.85	-8.05
1826	90.078	11.86	-8.06
1828	92.078	11.89	-8.09
1830	94.063	11.91	-8.11
1832	96.063	11.93	-8.13
1834	98.063	11.96	-8.16
1836	100.060	11.97	-8.17
1856	120.200	12.04	-8.23
1916	140.200	12.19	-8.39
1936	160.170	12.35	-8.55
1956	180.170	12.51	-8.71
2016	200.170	12.63	-8.83
2036	220.170	12.71	-8.91
2056	240.170	12.80	-9.00
2116	260.170	12.91	-9.11
2136	280.170	13.01	-9.21
2156	300.120	13.07	-9.27
2216	320.180	13.11	-9.31
2236	340.180	13.17	-9.37
2256	360.180	13.20	-9.40
2316	380.180	13.24	-9.44
2336	400.270	13.30	-9.50
2356	420.230	13.35	-9.55
0016	440.230	13.40	-9.60
0036	460.230	13.39	-9.59
0056	480.230	13.39	-9.59
0116	500.230	13.42	-9.62
0136	520.230	13.44	-9.64
0156	540.230	13.47	-9.67
0216	560.230	13.51	-9.71
0236	580.230	13.53	-9.73
0256	600.230	13.57	-9.77
0316	620.150	13.60	-9.80
0336	640.150	13.61	-9.81
0356	660.150	13.65	-9.85
0416	680.150	13.65	-9.85
0436	700.150	13.65	-9.85
0456	720.150	13.68	-9.88
0516	740.150	13.71	-9.91
0536	760.150	13.70	-9.90
0556	780.150	13.75	-9.95



0616	800.150	11.75	-7.95
0636	820.150	11.80	-8.00
0656	840.150	11.82	-8.02
0716	860.150	11.86	-8.06
0736	880.150	11.87	-8.07
0756	900.150	11.92	-8.12
0816	920.270	11.91	-8.11
0836	940.270	11.93	-8.13
0856	960.270	11.93	-8.13
0916	980.220	11.95	-8.14
1036	1050.200	11.94	-8.14
1136	1120.200	11.98	-8.18
1236	1180.200	12.03	-8.23
1336	1240.100	12.01	-8.20
1436	1300.100	12.04	-8.24
1505	1329.400	12.08	-8.28

Average level: 11.34



Input 2 (feet):

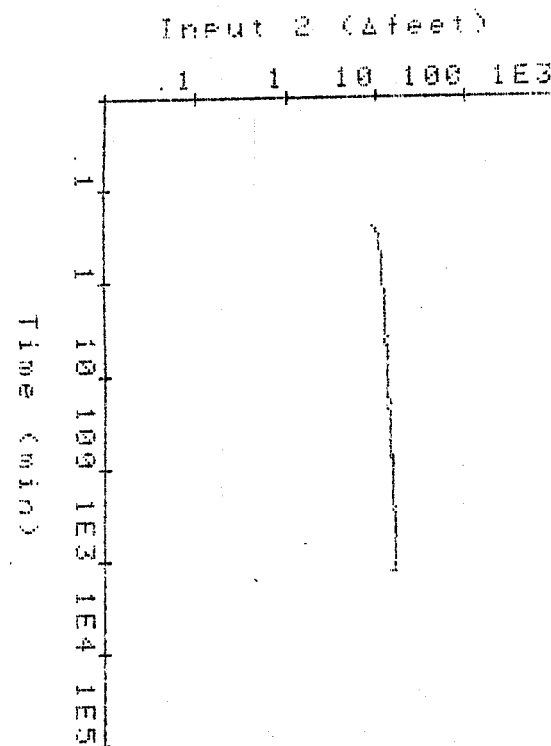
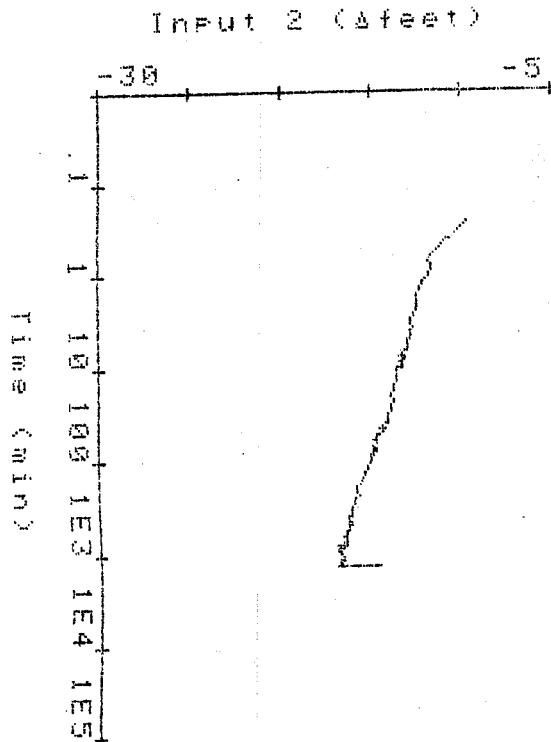
Time	ET (min)	level	Δlevel	1884	68.053	21.86	-14.80
1656	0.000	7.06	0.00	1886	70.053	21.86	-14.80
1656	0.257	16.70	-9.64	1888	72.053	21.87	-14.81
1656	0.340	17.45	-10.36	1910	74.053	21.96	-14.90
1656	0.424	18.04	-10.98	1812	76.053	21.82	-14.76
1656	0.507	18.48	-11.42	1814	78.053	21.79	-14.73
1656	0.590	18.73	-11.57	1816	80.053	21.95	-14.89
1656	0.674	18.87	-11.81	1918	82.053	22.02	-14.96
1657	0.757	18.77	-11.71	1820	84.070	21.95	-14.89
1657	0.840	18.81	-11.75	1822	86.070	22.03	-14.97
1657	0.924	18.93	-11.87	1824	88.070	21.96	-14.96
1657	1.007	18.94	-11.88	1826	90.070	22.00	-14.94
1657	1.075	19.43	-12.37	1828	92.070	22.06	-15.00
1657	1.709	19.55	-12.49	1830	94.063	22.10	-15.04
1658	2.042	19.52	-12.46	1832	96.063	22.06	-15.00
1658	2.375	19.52	-12.46	1834	98.063	22.00	-14.94
1658	2.709	19.70	-12.64	1836	100.060	22.12	-15.06
1659	3.042	19.86	-12.80	1856	120.200	22.28	-15.22
1659	3.375	19.83	-12.77	1916	140.200	22.38	-15.32
1659	3.709	19.73	-12.67	1936	160.170	22.48	-15.42
1700	4.042	20.09	-13.03	1956	180.170	22.69	-15.63
1700	4.375	19.91	-12.85	2016	200.170	22.79	-15.73
1700	4.709	19.91	-12.85	2036	220.170	22.81	-15.75
1701	5.042	20.03	-12.97	2056	240.170	22.66	-15.60
1701	5.375	20.01	-12.95	2116	260.170	22.99	-15.93
1701	5.709	19.99	-12.93	2136	280.170	23.04	-15.98
1702	6.042	20.06	-13.00	2156	300.120	23.01	-15.95
1702	6.375	20.09	-13.03	2216	320.180	23.17	-16.11
1702	6.709	20.32	-13.36	2236	340.180	23.14	-16.08
1703	7.042	20.32	-13.36	2256	360.180	23.11	-16.05
1703	7.375	20.15	-13.19	2316	380.180	23.15	-16.09
1703	7.709	20.47	-13.41	2336	400.270	23.28	-16.22
1704	8.042	20.22	-13.16	2356	420.230	23.27	-16.21
1704	8.375	20.41	-13.35	0016	440.230	23.38	-16.32
1704	8.709	20.48	-13.42	0036	460.230	23.10	-16.04
1705	9.042	20.41	-13.35	0056	480.230	23.30	-16.24
1705	9.375	20.35	-13.29	0116	500.230	23.21	-16.15
1705	9.709	20.39	-13.33	0136	520.230	23.30	-16.24
1706	10.042	20.61	-13.55	0156	540.230	23.20	-16.22
1708	12.129	20.70	-13.64	0216	560.230	23.44	-16.38
1710	14.129	20.72	-13.66	0236	580.230	23.38	-16.32
1712	16.129	20.78	-13.72	0256	600.230	23.51	-16.45
1714	18.128	20.74	-13.68	0316	620.150	23.51	-16.45
1716	20.128	20.95	-13.89	0336	640.150	23.51	-16.45
1718	22.128	20.70	-13.72	0356	660.150	23.60	-16.54
1720	24.128	20.85	-13.79	0416	680.150	23.47	-16.41
1722	26.128	20.93	-13.87	0436	700.150	23.43	-16.37
1724	28.128	20.98	-13.92	0456	720.150	23.44	-16.38
1726	30.128	20.95	-13.89	0516	740.150	23.61	-16.55
1728	32.577	21.17	-14.11	0536	760.150	23.47	-16.41
1730	34.050	21.14	-14.08	0556	780.150	23.81	-16.75
1732	36.162	21.13	-14.07	0616	800.150	23.45	-16.39
1734	38.130	21.18	-14.12	0636	820.150	23.87	-16.81
1736	40.130	21.23	-14.17	0656	840.150	23.67	-16.61
1738	42.420	21.44	-14.38	0716	860.150	23.87	-16.81
1740	44.123	21.34	-14.28	0736	880.150	23.81	-16.75
1742	46.123	21.62	-14.56	0756	900.150	23.76	-16.70
1744	48.123	21.46	-14.40	0816	920.270	23.89	-16.83
1746	50.123	21.50	-14.44	0836	940.270	23.91	-16.85
1748	52.123	21.67	-14.61	0856	960.270	23.93	-16.87
1750	54.123	21.72	-14.66	0916	980.220	23.73	-16.67
1752	56.123	21.76	-14.70	1036	1060.200	23.58	-16.52
1754	58.123	21.74	-14.68	1136	1120.200	23.66	-16.60
1756	60.123	21.74	-14.68	1236	1180.200	23.83	-16.77
1758	62.123	21.89	-14.83	1336	1240.100	23.83	-16.77
1800	64.053	21.70	-14.64	1436	1300.100	23.89	-16.83
				1505	1329.400	21.57	-14.51

Average level: 23.23



-----RECOVERY REPORT-----

Started at 1505  
Lasted 1046.6 min

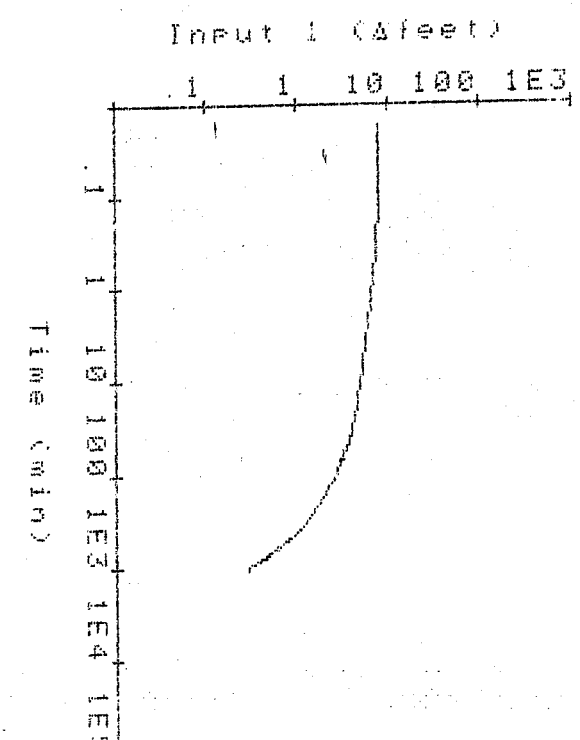
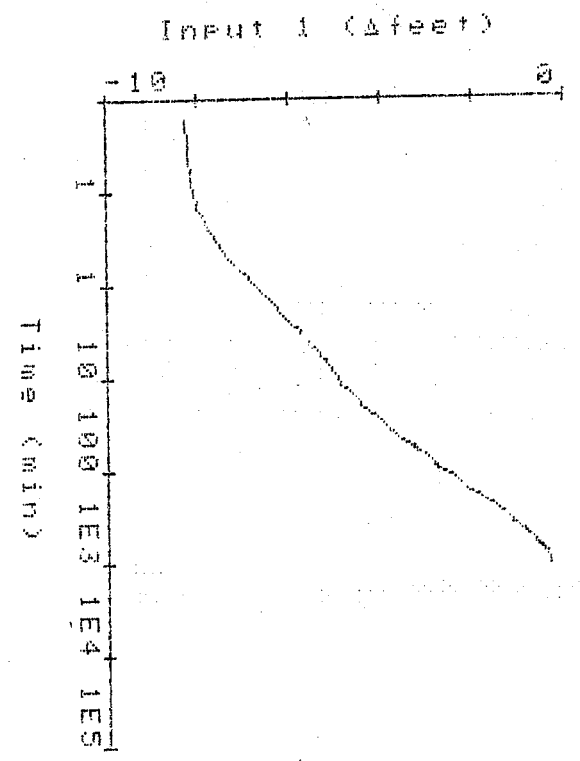


Input 1 (feet):

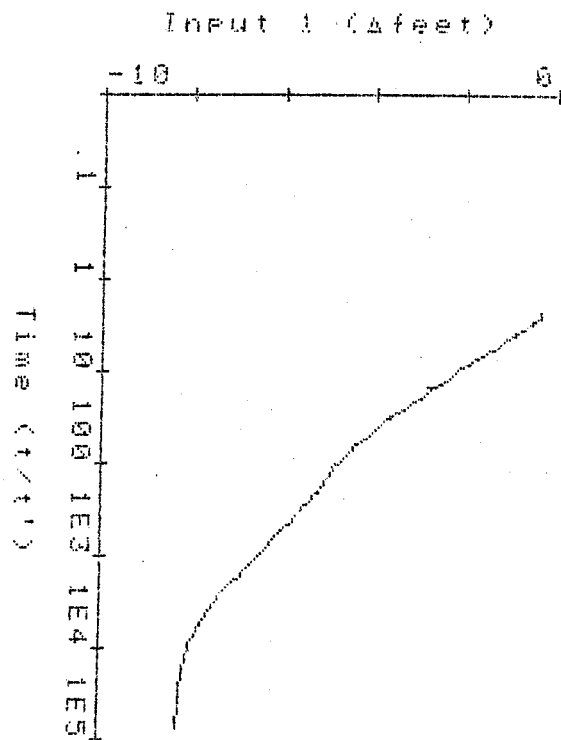
Time	ET (min)	level	Δlevel
1505	0.017	12.02	-0.22
1505	0.034	12.00	-0.20
1505	0.050	11.97	-0.17
1505	0.067	11.95	-0.15
1505	0.084	11.92	-0.12
1505	0.100	11.89	-0.09
1505	0.117	11.86	-0.06
1505	0.134	11.82	-0.02
1505	0.150	11.79	-7.99
1505	0.167	11.75	-7.96
1505	0.257	11.56	-7.76
1505	0.340	11.39	-7.59
1506	0.424	11.23	-7.43
1506	0.507	11.09	-7.29
1506	0.590	10.97	-7.17
1506	0.674	10.86	-7.06
1506	0.757	10.76	-6.96
1506	0.840	10.67	-6.87
1506	0.924	10.59	-6.79
1506	1.007	10.53	-6.73
1507	1.375	10.28	-6.48
1507	1.708	10.10	-6.30
1507	2.042	9.97	-6.17
1508	2.375	9.85	-6.05
1508	2.708	9.74	-5.94
1508	3.041	9.64	-5.84
1509	3.375	9.56	-5.76
1509	3.708	9.49	-5.69
1509	4.041	9.42	-5.62
1510	4.375	9.36	-5.56
1510	4.708	9.30	-5.50
1510	5.041	9.25	-5.45
1511	5.375	9.19	-5.39
1511	5.708	9.14	-5.34
1511	6.041	9.10	-5.30
1512	6.375	9.06	-5.26
1512	6.708	9.02	-5.22
1512	7.042	9.00	-5.20
1513	7.375	8.95	-5.15
1513	7.708	8.92	-5.12
1513	8.042	8.89	-5.09
1514	8.375	8.87	-5.07
1514	8.708	8.83	-5.03
1514	9.042	8.80	-5.00
1515	9.375	8.76	-4.96
1515	9.708	8.74	-4.94
1517	12.143	8.64	-4.84
1519	14.143	8.50	-4.70
1521	16.143	8.37	-4.57
1523	18.143	8.28	-4.48
1525	20.143	8.23	-4.43
1527	22.143	8.13	-4.33
1529	24.143	8.04	-4.24
1531	26.143	7.94	-4.14
1533	28.143	7.80	-4.00

1535	32	105	7	76	-	3	96
1537	32	105	7	76	-	3	96
1539	34	105	7	76	-	3	96
1541	36	105	7	63	-	3	96
1543	38	105	7	59	-	3	96
1545	40	105	7	55	-	3	96
1547	42	105	7	49	-	3	96
1549	44	105	7	45	-	3	96
1551	46	105	7	40	-	3	96
1553	48	105	7	35	-	3	96
1555	50	105	7	28	-	3	96
1557	52	105	7	23	-	3	96
1559	54	105	7	19	-	3	96
1601	56	105	7	12	-	3	96
1603	58	105	7	8	-	3	96
1605	60	105	7	6	-	3	96
1607	62	105	7	1	-	3	96
1609	64	105	6	98	-	3	18
1611	66	105	6	92	-	3	12
1613	68	105	6	87	-	3	17
1615	70	105	6	86	-	3	16
1617	72	105	6	83	-	3	16
1619	74	105	6	76	-	2	96
1621	76	105	6	73	-	2	96
1623	78	105	6	70	-	2	96
1625	80	105	6	67	-	2	96
1627	82	105	6	66	-	2	96
1629	84	105	6	63	-	2	96
1631	86	105	6	60	-	2	96
1633	88	105	6	58	-	2	96
1635	90	105	6	57	-	2	96
1637	92	105	6	55	-	2	96
1639	94	105	6	54	-	2	96
1641	96	105	6	60	-	2	96
1643	98	105	6	51	-	2	96
1645	100	110	6	49	-	2	96
1705	120	270	5	28	-	2	96
1725	140	270	5	26	-	2	96
1745	160	270	5	20	-	2	96
1805	180	270	5	17	-	1	96
1825	200	270	5	11	-	1	96
1845	220	270	5	11	-	1	96
1905	240	270	5	11	-	1	96
1925	260	270	5	11	-	1	96
1945	280	270	5	11	-	1	96
2005	300	270	5	13	-	1	96
2025	320	270	5	13	-	1	96
2045	340	270	5	10	-	1	96
2105	360	270	4	15	-	1	96
2125	380	270	4	19	-	1	96
2145	400	270	4	14	-	1	96
2205	420	270	4	19	-	1	96
2225	440	270	4	14	-	1	96
2245	460	270	4	18	-	1	96
2305	480	270	4	16	-	1	96
2325	500	270	4	12	-	1	96
2345	520	270	4	10	-	1	96
0005	540	320	4	15	-	1	96
0025	560	320	4	12	-	1	96
0045	580	320	4	18	-	1	96
0105	600	320	4	15	-	1	96
0125	620	320	4	12	-	1	96
0145	640	320	4	19	-	1	96
0205	660	320	4	17	-	1	96
0225	680	320	4	14	-	1	96
0245	700	320	4	12	-	1	96
0305	720	320	4	19	-	1	96
0325	740	320	4	15	-	1	96
0345	760	320	4	12	-	1	96
0405	780	320	4	15	-	1	96
0425	800	320	4	11	-	1	96

0505	840	320	4	18	-	1	96
0525	860	320	4	16	-	1	96
0545	880	320	4	16	-	1	96
0605	900	320	4	14	-	1	96
0625	920	320	4	13	-	1	96
0645	940	320	4	11	-	1	96
0705	960	320	4	11	-	1	96
0725	980	320	4	10	-	1	96
0832	1046	600	4	10	-	1	96





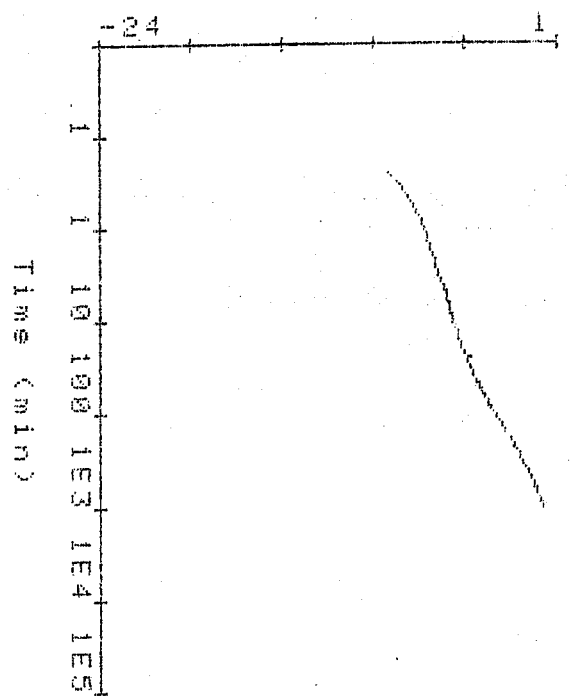


Input 2 (feet):

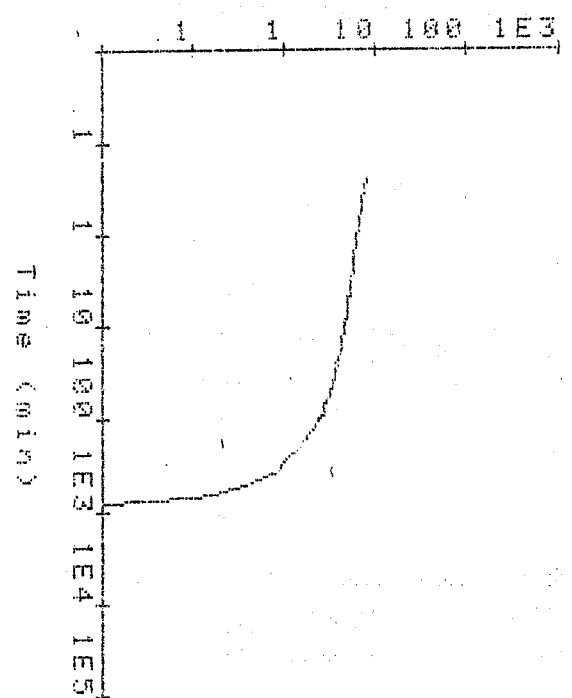
Time	ET (min)	level	Δlevel
1505	0.257	15.26	-8.26
1505	0.349	14.68	-7.61
1506	0.424	14.27	-7.21
1506	0.507	14.00	-6.94
1506	0.590	13.81	-6.75
1506	0.674	13.67	-6.61
1506	0.757	13.54	-6.48
1506	0.840	13.45	-6.39
1506	0.924	13.37	-6.31
1506	1.007	13.30	-6.24
1507	1.375	13.04	-5.98
1507	1.708	12.88	-5.82
1507	2.042	12.75	-5.69
1508	2.375	12.64	-5.57
1508	2.708	12.55	-5.49
1508	3.041	12.46	-5.40
1509	3.375	12.39	-5.33
1509	3.708	12.29	-5.23
1509	4.041	12.23	-5.17
1510	4.375	12.18	-5.11
1510	4.708	12.13	-5.07
1510	5.041	12.07	-5.01
1511	5.375	12.03	-4.97
1511	5.708	12.00	-4.94
1511	6.041	11.96	-4.90
1512	6.375	11.93	-4.87
1512	6.708	11.90	-4.84
1512	7.042	11.87	-4.81
1513	7.375	11.84	-4.78
1513	7.708	11.83	-4.77
1513	8.042	11.80	-4.74
1514	8.375	11.77	-4.71
1514	8.708	11.76	-4.70
1514	9.042	11.73	-4.67
1515	9.375	11.72	-4.66
1515	9.708	11.69	-4.63
1515	10.042	11.67	-4.61
1517	12.143	11.54	-4.48
1519	14.143	11.43	-4.37
1521	16.143	11.34	-4.28
1523	18.143	11.24	-4.18
1525	20.143	11.18	-4.12
1527	22.143	11.10	-4.04
1529	24.143	11.01	-3.95
1531	26.143	10.91	-3.85
1533	28.143	10.90	-3.84
1535	30.143	10.84	-3.78
1537	32.252	10.78	-3.72
1539	34.105	10.72	-3.66
1541	35.105	10.67	-3.61
1543	38.105	10.62	-3.56
1545	40.105	10.57	-3.51
1547	42.105	10.54	-3.48
1549	44.105	10.49	-3.43
1551	46.105	10.47	-3.41
1553	48.105	10.41	-3.35
1555	50.105	10.34	-3.28
1557	52.105	10.29	-3.23
1559	54.105	10.25	-3.19
1601	56.105	10.21	-3.15
1603	58.105	10.16	-3.10
1605	60.105	10.12	-3.06
1607	62.105	10.09	-3.03
1609	64.105	10.06	-3.00
1611	66.105	10.02	-2.96
1613	68.105	9.98	-2.92
1615	70.105	9.93	-2.87

1619	74	105	9	85	-2	79
1621	76	105	9	82	-2	76
1623	78	105	9	80	-2	74
1625	80	105	9	78	-2	72
1627	82	105	9	76	-2	72
1629	84	105	9	73	-2	67
1631	86	105	9	70	-2	64
1633	88	105	9	70	-2	64
1635	90	105	9	67	-2	61
1637	92	105	9	65	-2	59
1639	94	105	9	62	-2	56
1641	96	105	9	59	-2	56
1643	98	105	9	58	-2	44
1645	100	110	9	47	-2	41
1705	120	270	9	20	-2	14
1725	140	270	8	99	-1	93
1745	160	270	8	84	-1	78
1805	180	270	8	70	-1	64
1825	200	270	8	57	-1	51
1845	220	270	8	45	-1	39
1905	240	270	8	34	-1	26
1925	260	270	8	25	-1	19
1945	280	270	8	17	-1	11
2005	300	270	8	99	-1	93
2025	320	270	8	82	-0	76
2045	340	270	7	97	-0	91
2105	360	270	7	91	-0	85
2125	380	270	7	82	-0	76
2145	400	270	7	76	-0	70
2205	420	270	7	66	-0	60
2225	440	270	7	61	-0	55
2245	460	270	7	56	-0	50
2305	480	270	7	52	-0	46
2325	500	270	7	48	-0	42
2345	520	270	7	43	-0	37
0005	540	270	7	39	-0	33
0025	560	270	7	36	-0	30
0045	580	270	7	32	-0	26
0105	600	320	7	29	-0	23
0125	620	320	7	26	-0	20
0145	640	320	7	23	-0	17
0205	660	320	7	20	-0	14
0225	680	320	7	17	-0	11
0245	700	320	7	16	-0	10
0305	720	320	7	13	-0	07
0325	740	320	7	10	-0	04
0345	760	320	7	09	-0	03
0405	780	320	7	06	0	00
0425	800	320	7	05	0	01
0445	820	320	7	02	0	04
0505	840	320	7	00	0	06
0525	860	320	6	99	0	07
0545	880	320	6	96	0	10
0605	900	320	6	94	0	11
0625	920	320	6	93	0	13
0645	940	320	6	92	0	14
0705	960	320	6	90	0	15
0725	980	320	6	89	0	17
0802	1046	600	6	86	0	20

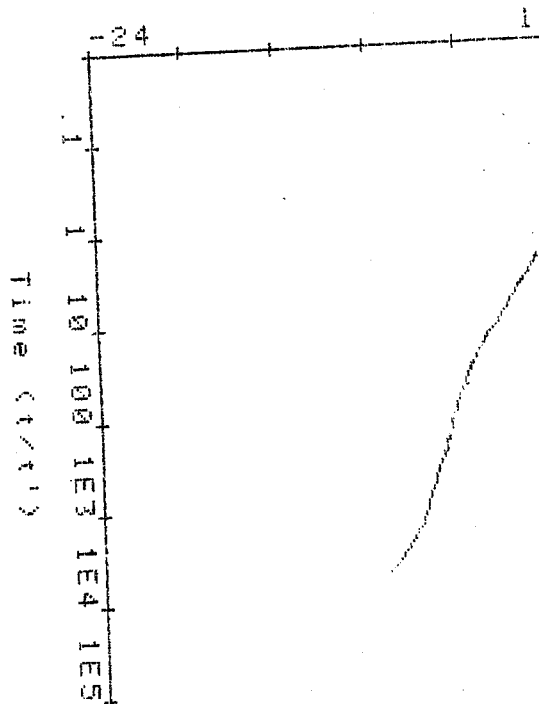
Input 2 (Δfeet)



Input 2 (Δfeet)



Input 2 (Δfeet)

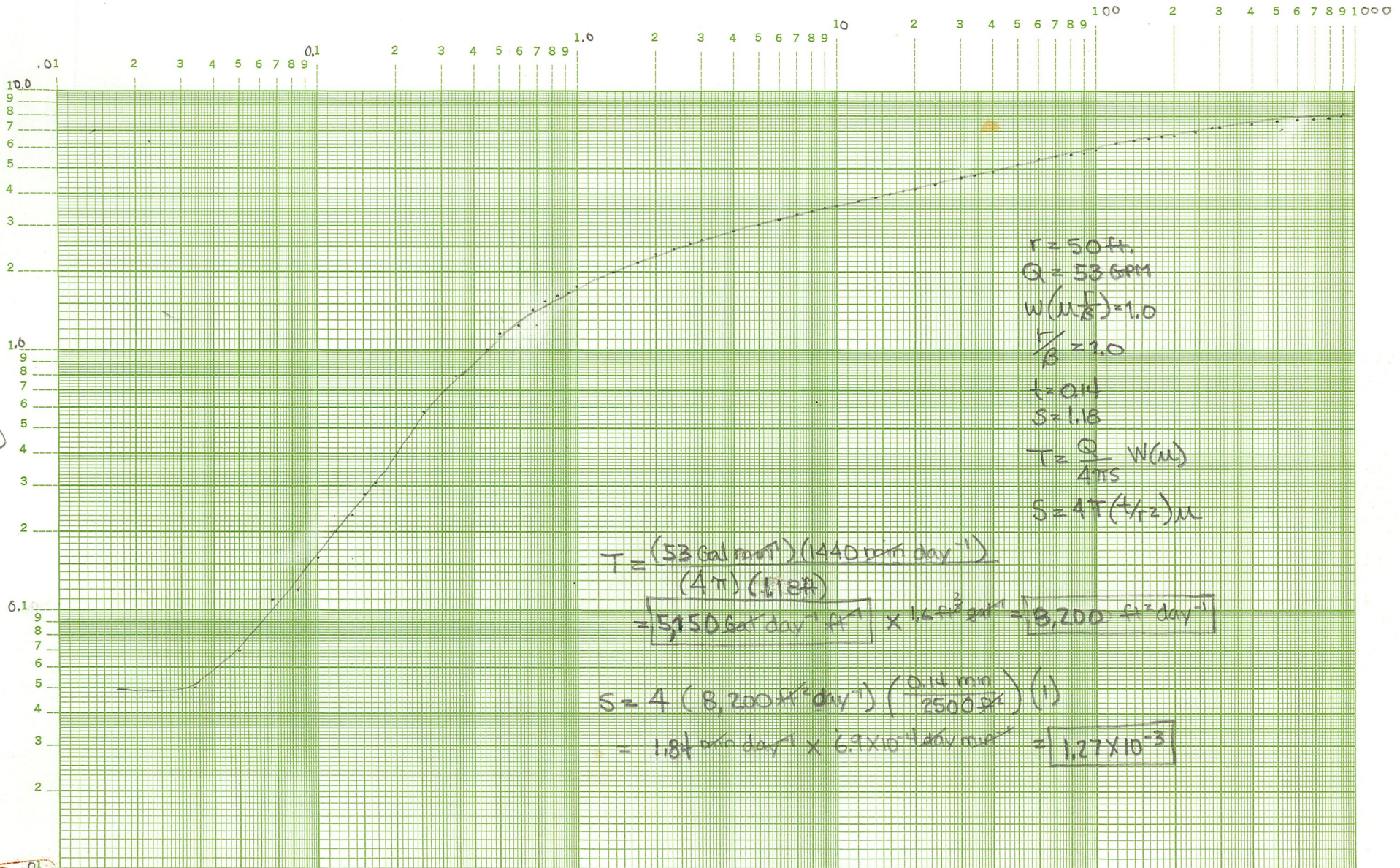


SE200A manufactured by  
In-situ, Inc.  
Laramie Wyoming



t (min)

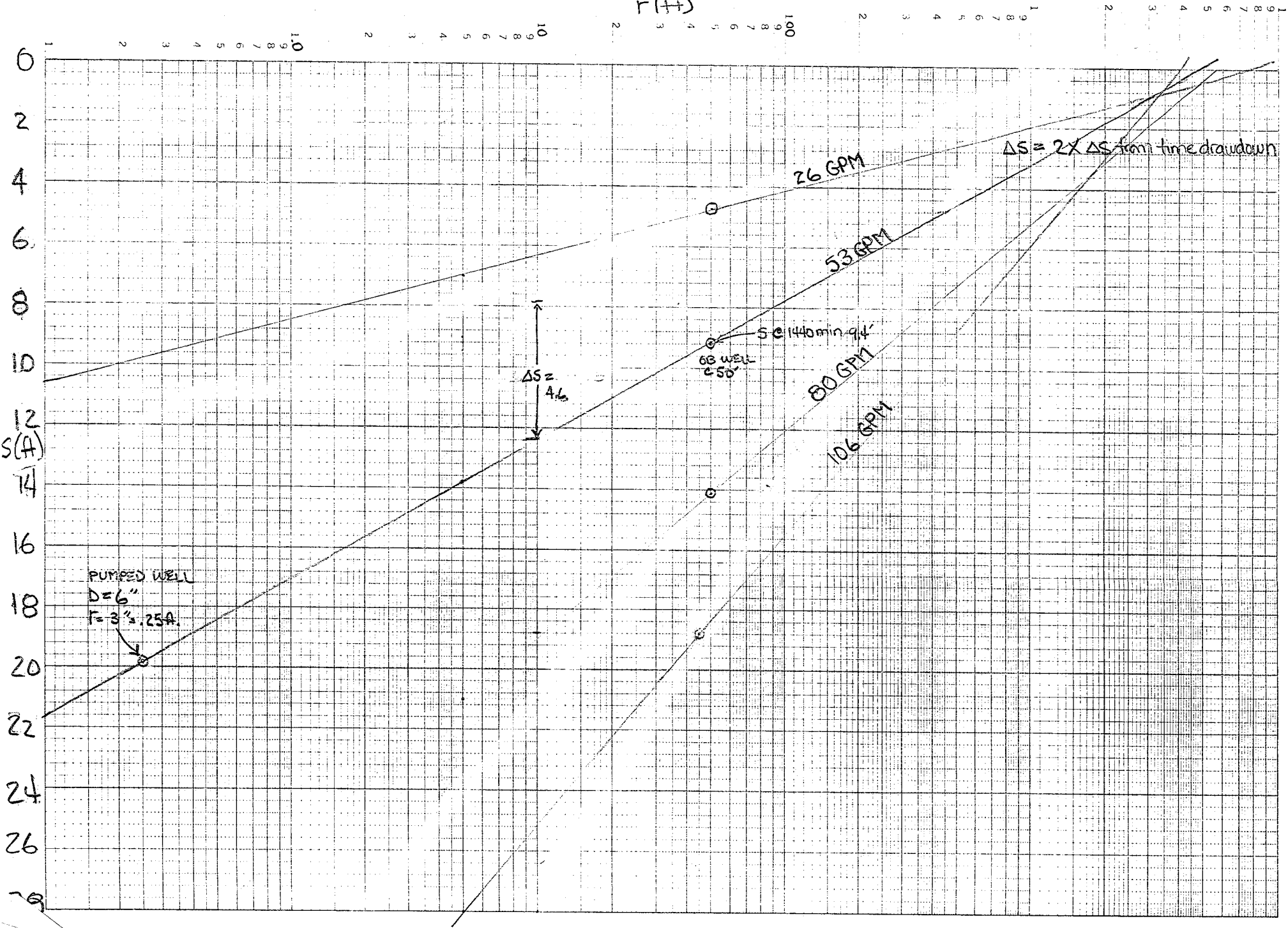
RTA-7S OB.



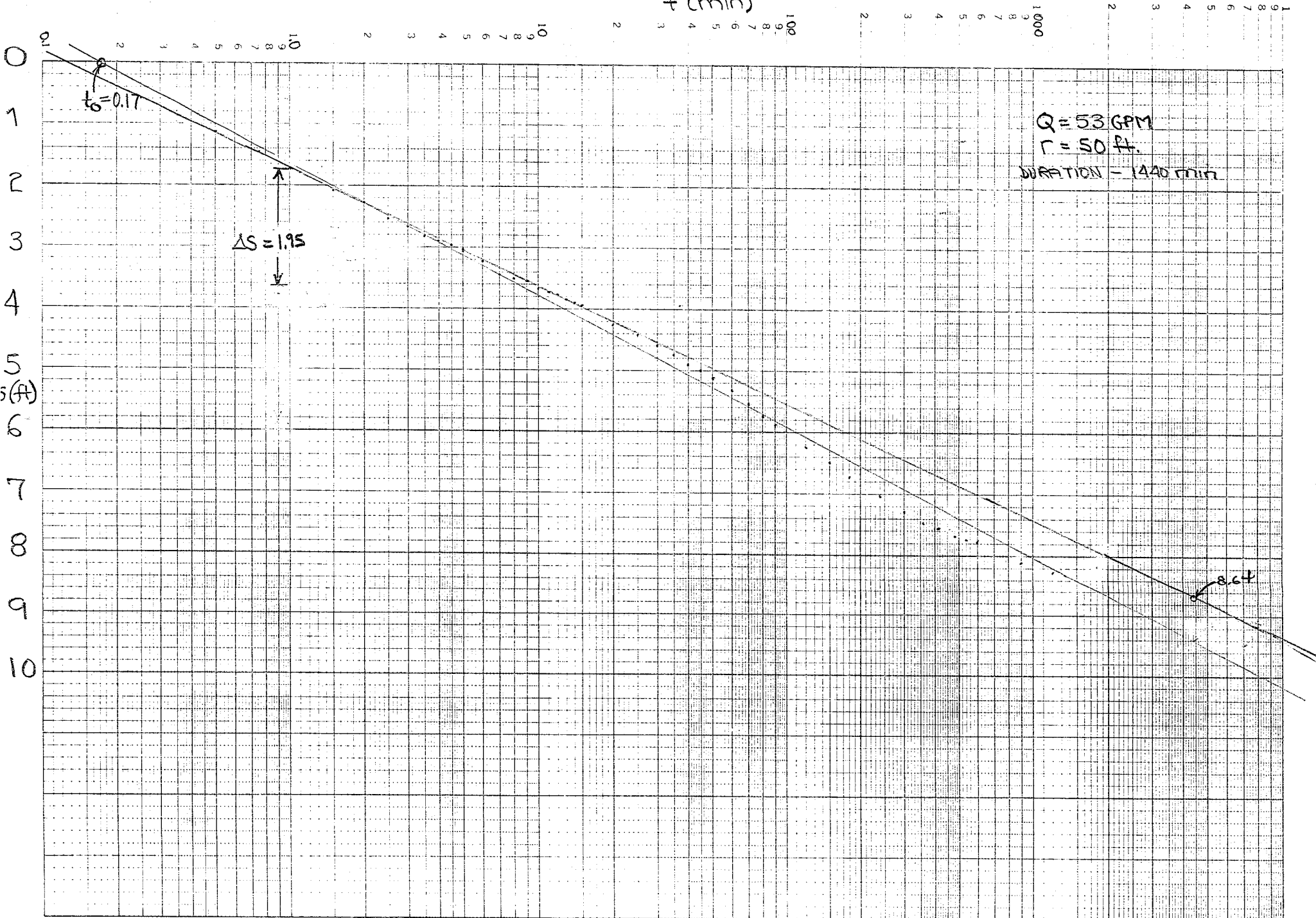
r = 50 ft.  
Q = 53 GPM  
W(u, r) = 1.0  
r/B = 1.0  
t = 0.14  
S = 1.18  
T =  $\frac{Q}{4\pi S} W(u)$   
S = 4T( $\frac{1}{r^2}$ )u



r(r)



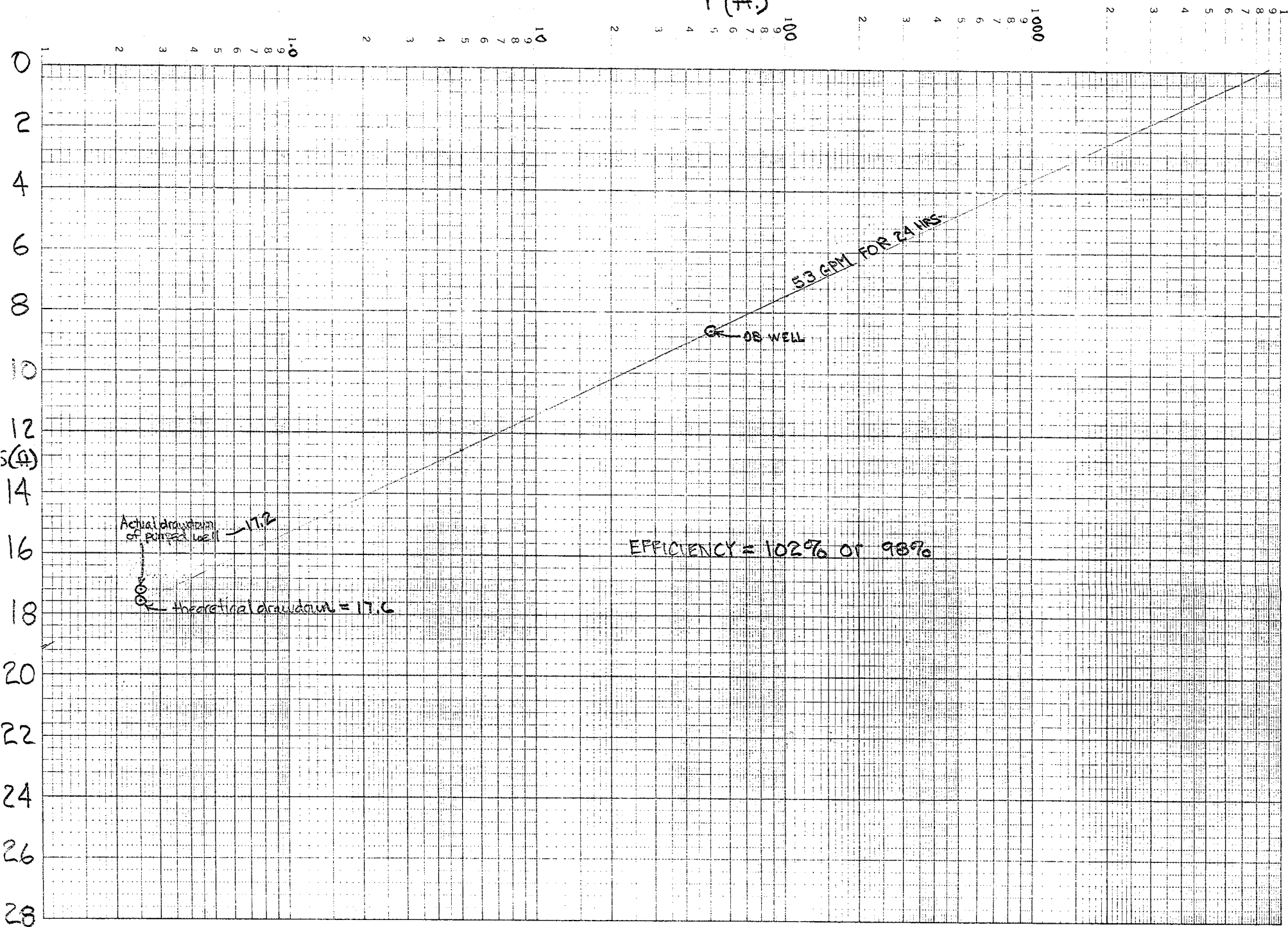
t (min)



RTA-

r(A)

46 6210



PUMPING TEST DATA

Location: RTA-75 Date: 6/14/84

Pumped Well:

Depth \_\_\_\_\_ ft. Casing To \_\_\_\_\_ ft. Diameter \_\_\_\_\_ in.  
 Casing \_\_\_\_\_ to \_\_\_\_\_ ft. Diameter \_\_\_\_\_ in.  
 Disc. Pipe Diameter \_\_\_\_\_ in. Orifice Diameter \_\_\_\_\_ in.  
 Q \_\_\_\_\_ gpm.

Observation Wells:

Depth: 1= \_\_\_\_\_ ft. 2= \_\_\_\_\_ ft. 3= \_\_\_\_\_ ft. 4= \_\_\_\_\_ ft.  
 Casing Diameter: 1= \_\_\_\_\_ in. 2= \_\_\_\_\_ in. 3= \_\_\_\_\_ in. 4= \_\_\_\_\_ in.  
 Casing To: 1= \_\_\_\_\_ ft. 2= \_\_\_\_\_ ft. 3= \_\_\_\_\_ ft. 4= \_\_\_\_\_ ft.  
 Dist. (r): 1= \_\_\_\_\_ ft. 2= \_\_\_\_\_ ft. 3= \_\_\_\_\_ ft. 4= \_\_\_\_\_ ft.  
 Screen: 1= \_\_\_\_\_ to \_\_\_\_\_ ft. 2= \_\_\_\_\_ to \_\_\_\_\_ ft. 3= \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Screen Diameter: 1= \_\_\_\_\_ in. 2= \_\_\_\_\_ in. 3= \_\_\_\_\_ in. 4= \_\_\_\_\_ in.

Time	Elapsed Time (t)	Manometer Reading (in.)		Drawdown or Recovery (ft.)				
				Pumped	Obs. 1	Obs. 2	<del>Obs. 3</del> <sup>recovery</sup>	Obs. 4
	0	In. H <sub>2</sub> O	Q gpm	7.05				
	.15			15.78				
	.30						14.35	
	.45			19.07			13.93	
	1.00			19.30			13.61	
	1.5			19.49			13.28	
	2.0			19.65			13.06	
	2.5			19.82			12.87	
	3.0	22 1/2		19.96			12.77	
	3.5			20.04			12.68	
	4.0			20.10			12.54	
	4.5			20.18			12.46	



Time	Elapsed Time (t)	Manometer Reading (in.)		Drawdown or Recovery (ft.)				
		in.	gpm	Pumped	Obs. 1	Obs. 2	<del>Obs. 3</del> <sup>recovery</sup>	Obs. 4
	5.00	in.	Q	20.23			12.38	
	6	22 1/2		20.34			12.26	
	7			20.44			12.16	
	8			20.52			12.12	
	9			20.65			12.04	
	10	22		20.70			11.95	
	11			20.75			11.90	
	12			20.77			11.86	
	13			20.87			11.80	
	14			20.91			11.77	
	15	21 1/2		20.92			11.71	
	20	20 1/2		21.00			11.51	
	25	20 1/2		21.17			11.31	
	30			21.30			11.16	
	35	20 1/2		21.45			11.01	
	40			21.57			10.87	
	45			21.73			10.75	
	50	20		21.78			10.64	
	60			22.18			10.44	
	70			22.19			10.26	
	80			22.20			10.09	
	90			22.23			9.95	
	120	19 1/2		22.57			9.61	
	150			22.76				
	180			23.05			9.10	
	240			23.07				
	300			23.50				
	360			23.42			8.32	
	420			23.67			8.16	
	480			23.54			8.02	
	540	17 1/2		23.58			7.92	
	600	18"		23.72			7.81	
	660			23.81			7.70	



PUMPING TEST DATA

Location: RTA-75 Date: 6/4

Pumped Well:

Depth        ft. Casing To        ft. Diameter        in.

Casing        to        ft. Diameter        in.

Disc. Pipe Diameter        in. Orifice Diameter        in.

Q <sup>~</sup> 70 gpm.

Observation Wells:

Depth: 1=        ft. 2=        ft. 3=        ft. 4=        ft.

Casing Diameter: 1=        in. 2=        in. 3=        in. 4=        in.

Casing To: 1=        ft. 2=        ft. 3=        ft. 4=        ft.

Dist. (r): 1=        ft. 2=        ft. 3=        ft. 4=        ft.

Screen: 1=        to        ft. 2=        to        ft. 3=        to        ft.

Screen Diameter: 1=        in. 2=        in. 3=        in. 4=        in.

Time	Elapsed Time (t)	Manometer Reading (in.)		Drawdown or Recovery (ft.)				
				Pumped	Obs. 1	<del>Obs. 2</del>	Obs. 3	<del>Obs. 4</del>
	0	In. H <sub>2</sub> O	Q gpm		3.80	0.0	12.07	
	.15				4.40	0.60	11.38	.69
	.30				4.95	1.15	10.98	1.09
	.45				5.26	1.46	10.68	1.39
	1.00				5.53	1.73	10.43	1.64
	1.50				5.88	2.08	10.16	1.91
	2.0				6.10	2.30	9.91	2.16
	2.5				6.33	2.53	9.75	2.32
	3.0				6.42	2.62	9.61	2.46
	3.5				6.61	2.81	9.49	2.58
	4.0				6.68	2.88	9.40	2.67
	4.5				6.75	2.95	9.30	2.77

Time	Elapsed Time (t)	Manometer Reading (in.)		gpm	Pumped	Drawdown or Recovery (ft)			
						Obs. 1	Obs. 2	Obs. 3	Obs. 4
	5.0	in.		Q					
	6					6.84	3.04	9.22	2.85
	7					7.01	3.21	9.09	2.98
	8					7.22	3.42	8.99	3.08
	9					7.30	3.50	8.88	3.19
	10					7.34	3.54	8.76	3.31
	11					7.47	3.67	8.71	3.36
	12					7.50	3.70	8.62	3.45
	13					7.58	3.78	8.57	3.50
	14					7.65	3.85	8.50	3.57
	15					7.71	3.91	8.44	3.63
	20					7.77	3.97	8.38	3.69
	25					8.03	4.23	8.14	3.93
	30					8.21	4.41	7.93	4.14
	35					8.40	4.60	7.78	4.29
	40					8.57	4.77	7.62	4.45
	45					8.70	4.90	7.45	4.62
	50					8.84	5.04	7.37	4.70
	60					8.96	5.16	7.26	4.81
	70					9.18	5.38	7.05	5.02
	80					9.36	5.56	6.87	5.20
	90					9.51	5.71	6.70	5.37
	120					9.67	5.87	6.65	5.42
	150					10.01	6.21		
	180					10.21	6.47		
	240					10.53	6.73	5.71	6.36
	300					10.82	7.02		
	304					11.10	7.30		
	360					11.23	7.43	4.93	7.14
	420					11.37	7.57	4.75	7.32
	480					11.43	7.63	4.64	7.43
	540					11.52	7.72	4.54	7.53
	600					11.60	7.80	4.43	7.64
	660					11.66	7.86	4.34	7.73

11.0  
7.80





PUMPING TEST DATA

Location: RTA-75 Date: 6/14/84

Pumped Well:

Depth \_\_\_\_\_ ft.      Casing To \_\_\_\_\_ ft.      Diameter \_\_\_\_\_ in.  
 Casing \_\_\_\_\_ to \_\_\_\_\_ ft.      Diameter \_\_\_\_\_ in.  
 Disc. Pipe Diameter \_\_\_\_\_ in.      Orifice Diameter \_\_\_\_\_ in.  
 Q \_\_\_\_\_ gpm.

Observation Wells:

Depth:    1= \_\_\_\_\_ ft.    2= \_\_\_\_\_ ft.    3= \_\_\_\_\_ ft.    4= \_\_\_\_\_ ft.  
 Casing Diameter:    1= \_\_\_\_\_ in.    2= \_\_\_\_\_ in.    3= \_\_\_\_\_ in.    4= \_\_\_\_\_ in.  
 Casing To:    1= \_\_\_\_\_ ft.    2= \_\_\_\_\_ ft.    3= \_\_\_\_\_ ft.    4= \_\_\_\_\_ ft.  
 Dist. (r):    1= \_\_\_\_\_ ft.    2= \_\_\_\_\_ ft.    3= \_\_\_\_\_ ft.    4= \_\_\_\_\_ ft.  
 Screen:    1= \_\_\_\_\_ to \_\_\_\_\_ ft.    2= \_\_\_\_\_ to \_\_\_\_\_ ft.    3= \_\_\_\_\_ to \_\_\_\_\_ ft.  
 Screen Diameter:    1= \_\_\_\_\_ in.    2= \_\_\_\_\_ in.    3= \_\_\_\_\_ in.    4= \_\_\_\_\_ in.

Time	Elapsed Time (t)	Manometer Reading (in.)		Drawdown or Recovery (ft.)				
				Pumped	Obs. 1	Obs. 2	<del>Obs. 3</del>	Obs. 4
	0	in. H <sub>2</sub> O	Q gpm	7.05				
	.15			15.78				
	.30						14.35	
	.45			19.07			13.93	
	1.00			19.30			13.61	
	1.5			19.49			13.28	
	2.0			19.65			13.06	
	2.5			19.82			12.87	
	3.0	22 1/2		19.96			12.77	
	3.5			20.04			12.68	
	4.0			20.10			12.54	
	4.5			20.18			12.46	

Time	Elapsed Time (t)	Manometer Reading (in.)		Drawdown or Recovery (ft.)				
		in.	gpm	Pumped	Obs. 1	Obs. 2	<del>Obs. 3</del> recovery	Obs. 4
	5.00	in.	Q	20.23			12.38	
	6	22 1/2		20.34			12.20	
	7			20.44			12.16	
	8			20.52			12.12	
	9			20.65			12.04	
	10	22		20.70			11.95	
	11			20.75			11.90	
	12			20.77			11.86	
	13			20.87			11.80	
	14			20.91			11.77	
	15	21 1/2		20.92			11.71	
	20	20 1/2		21.00			11.51	
	25	20 1/2		21.17			11.31	
	30			21.30			11.16	
	35	20 1/2		21.45			11.01	
	40			21.57			10.87	
	45			21.73			10.75	
	50	20		21.78			10.64	
	60			22.18			10.44	
	70			22.19			10.26	
	80			22.20			10.09	
	90			22.23			9.95	
	120	19 1/2		22.57			9.61	
	150			22.76				
	180			23.05			9.10	
	240			23.07				
	300			23.50				
	360			23.42			8.32	
	420			23.67			8.16	
	480			23.54			8.02	
	540	17 1/2		23.58			7.92	
	600	18		23.72			7.81	
	660			23.81			7.70	





PUMPING TEST DATA

Location: RTA-75 Date: 6/4

Pumped Well:

Depth \_\_\_\_\_ ft. Casing To \_\_\_\_\_ ft. Diameter \_\_\_\_\_ in.

Casing \_\_\_\_\_ to \_\_\_\_\_ ft. Diameter \_\_\_\_\_ in.

Disc. Pipe Diameter \_\_\_\_\_ in. Orifice Diameter \_\_\_\_\_ in.

Q <sup>~</sup> 70 gpm.

Observation Wells:

Depth: 1= \_\_\_\_\_ ft. 2= \_\_\_\_\_ ft. 3= \_\_\_\_\_ ft. 4= \_\_\_\_\_ ft.

Casing Diameter: 1= \_\_\_\_\_ in. 2= \_\_\_\_\_ in. 3= \_\_\_\_\_ in. 4= \_\_\_\_\_ in.

Casing To: 1= \_\_\_\_\_ ft. 2= \_\_\_\_\_ ft. 3= \_\_\_\_\_ ft. 4= \_\_\_\_\_ ft.

Dist. (r): 1= \_\_\_\_\_ ft. 2= \_\_\_\_\_ ft. 3= \_\_\_\_\_ ft. 4= \_\_\_\_\_ ft.

Screen: 1= \_\_\_\_\_ to \_\_\_\_\_ ft. 2= \_\_\_\_\_ to \_\_\_\_\_ ft. 3= \_\_\_\_\_ to \_\_\_\_\_ ft.

Screen Diameter: 1= \_\_\_\_\_ in. 2= \_\_\_\_\_ in. 3= \_\_\_\_\_ in. 4= \_\_\_\_\_ in.

Time	Elapsed Time (t)	Manometer Reading (in.)		Drawdown or Recovery (ft.)				Δ level
		In. H <sub>2</sub> O	Q gpm	Pumped	Obs. 1	<del>Obs. 2</del>	Obs. 1	
	0				3.50	0.0	12.07	
	<u>(.25)</u> .15				4.40	0.60	11.38	.69
	<u>(.50)</u> .30				4.95	1.15	10.98	1.09
	<u>(.75)</u> .45				5.26	1.46	10.68	1.39
	1.00				5.53	1.73	10.43	1.64
	1.50				5.88	2.08	10.16	1.91
	2.0				6.10	2.30	9.91	2.16
	2.5				6.33	2.53	9.75	2.32
	3.0				6.42	2.62	9.61	2.46
	3.5				6.61	2.81	9.49	2.58
	4.0				6.68	2.88	9.40	2.67
	4.5				6.75	2.95	9.30	2.77

Drawdown

Recovery

Δ level

use this

Time	Elapsed Time (t)	Manometer Reading (in.)		Pumped	Drawdown or Recovery (ft.)				Δ level
		in.	gpm		Obs. 1	Obs. 2	Obs. 3	Obs. 4	
	5.0	in.	Q		6.84	3.04	9.22	2.85	-5.42
	6				7.01	3.21	9.09	2.98	-5.29
	7				7.22	3.42	8.99	3.08	-5.19
	8				7.30	3.50	8.88	3.19	-5.08
	9				7.34	3.54	8.76	3.31	-4.96
	10				7.47	3.67	8.71	3.36	-4.91
	11				7.50	3.70	8.62	3.45	-4.82
	12				7.58	3.78	8.57	3.50	-4.77
	13				7.65	3.85	8.50	3.57	-4.70
	14				7.71	3.91	8.44	3.63	-4.64
	15				7.77	3.97	8.38	3.69	-4.58
	20				8.03	4.23	8.14	3.93	-4.34
	25				8.21	4.41	7.93	4.14	-4.13
	30				8.40	4.60	7.78	4.29	-3.98
	35				8.57	4.77	7.62	4.45	-3.82
	40				8.70	4.90	7.45	4.62	-3.65
	45				8.84	5.04	7.37	4.70	-3.57
	50				8.96	5.16	7.26	4.81	-3.46
	60				9.18	5.38	7.05	5.02	-3.25
	70				9.36	5.56	6.87	5.20	-3.07
	80				9.51	5.71	6.70	5.37	-2.90
	90				9.67	5.87	6.65	5.42	-2.85
	120				10.01	6.21			-
	150				10.21	6.47			-
	180				10.53	6.73	5.71	6.36	=1.91
	240				10.82	7.02			-
	<del>300</del> 304				11.10	7.20			-
	360				11.23	7.43	4.93	7.14	-1.13
	420				11.37	7.57	4.75	7.32	-.95
	480				11.43	7.63	4.64	7.43	-.84
	540				11.52	7.72	4.54	7.53	-.74
	600				11.60	7.80	4.43	7.64	-.63
	660				11.66	7.86	4.34	7.73	-.54

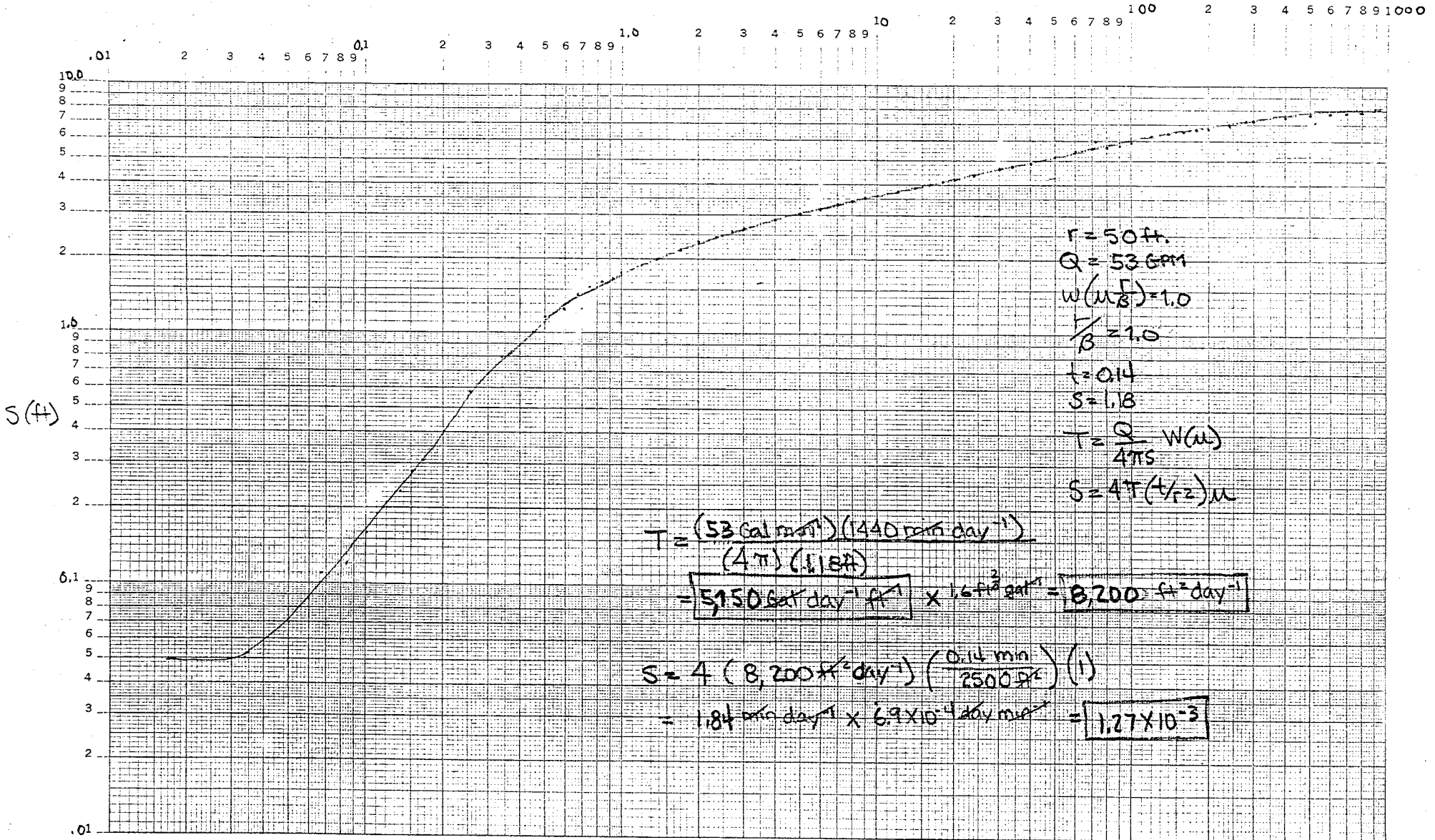
Recovery

~~300~~ 304



t (min)

RTA-75 OB.

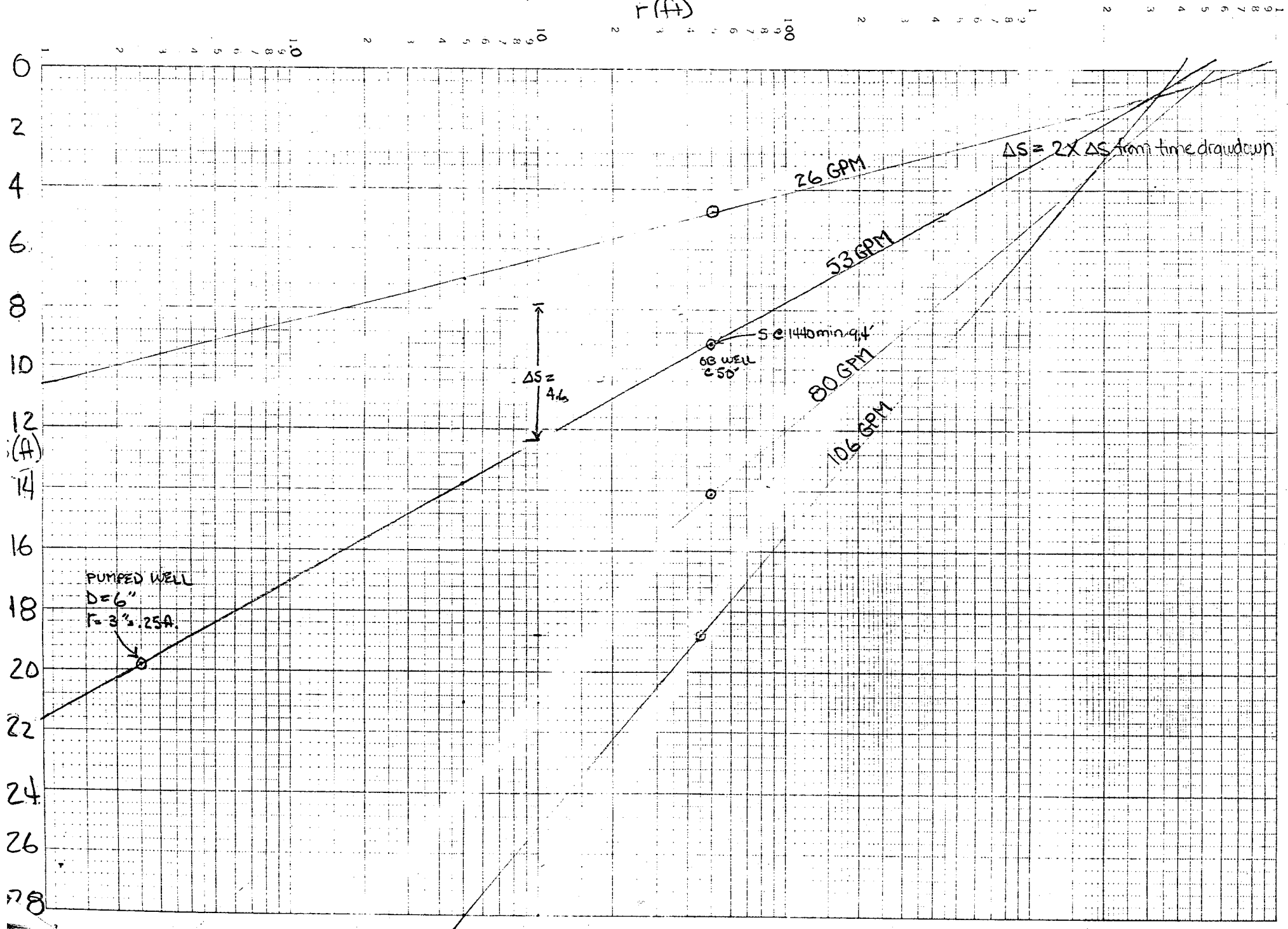


# DISTANCE-DRAWDOWN

46 6210

RTA-7S

F(F)



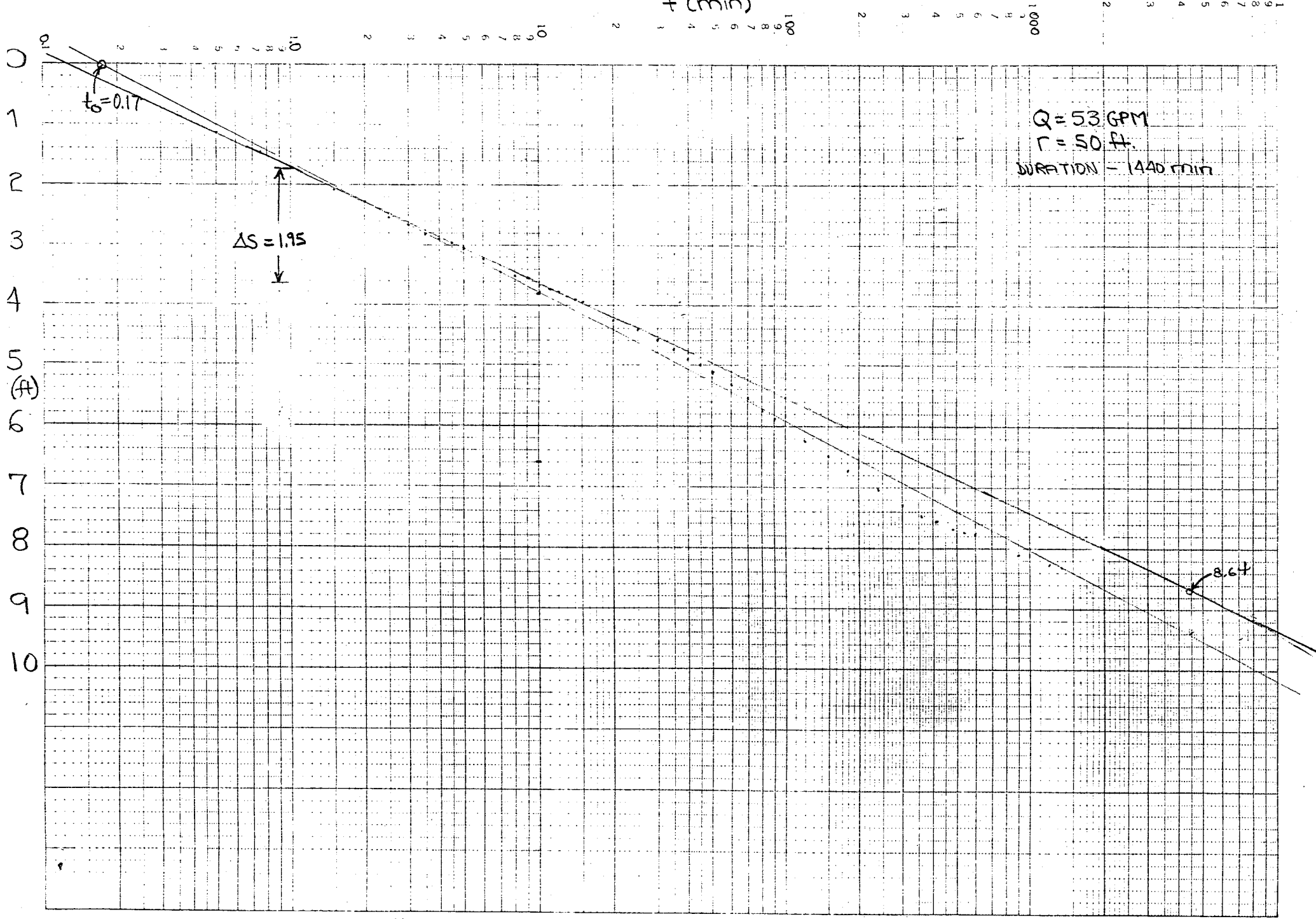
PUMPED WELL  
D=6"  
r=3 3/8".25A.

68 WELL  
r=50'  
S=1440 min. g.p.

$\Delta S = 4.6$

$\Delta S = 2X \Delta S$  from time drawdown

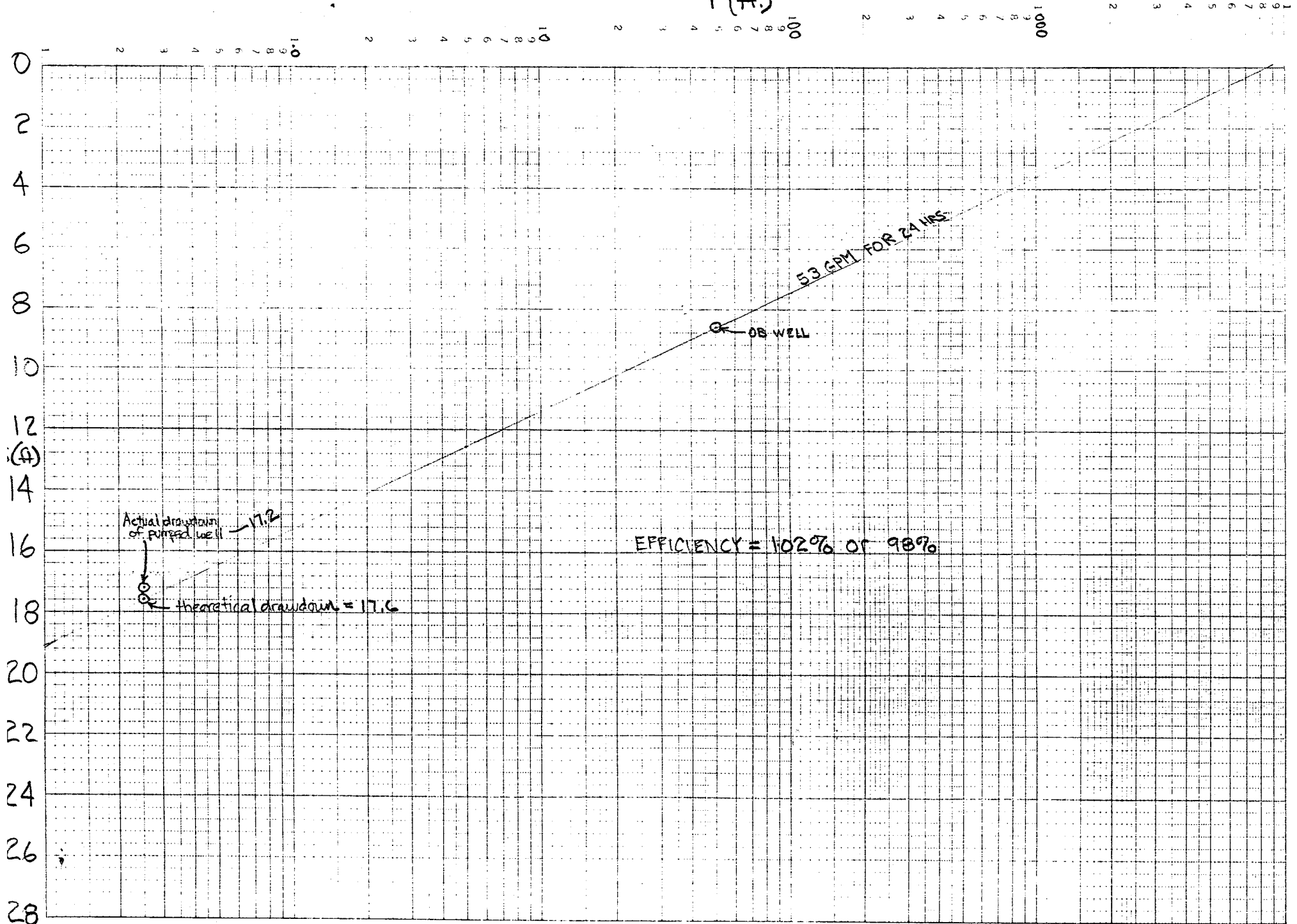
t (min)





r(A)

46 6210



RTA-7

6" 460 TD 400 Casy

2" same

$r \approx 750$  100 ft

6" 80 TD 65 Casy

2" same

$r \approx 100'$

1.5 mi west of 731 on 720

RTA-7

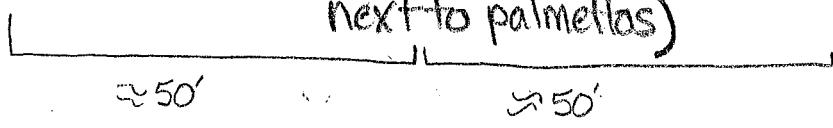
GLADES  
CR 720

DRIVEWAY

2" x 80' cased 60'  
2" nonflowing  
⊗  
⊗=I  
2" flowing  
2" x 460' cased 395'

① 6" nonflowing  
⊗  
(Ground level  
next to palmettas)

6" x 460' cased 395'  
② 6" flowing w/  
4" valve  
⊗  
⊕



3/19/84

1400

RTA-7

6" well - 400' casing - mid Hawthorn  
Flowing @ 45 GPM

76.1°F - Temp Cond - 815  $\frac{\mu\text{mhos}}{\text{cm}}$

2" well to 80' - 60' casing  
↓

1408 - 3.52' TOC / TOC = + 2' L.S.

\*Began letting 6" flow @ 45 GPM

1418 - 3.53' TOC

1428 - 3.51' TOC

1438 - 3.52' TOC

No significant drawdown w/in 1/2 hour

Finished 1440

specific capacity ?

1/30/84

Set up rig @ bend in C-720  
(Glades Co) - 12 mi W. of Lykes  
Fire Tower. - S. side of road

1/31/84

Dug mud pit - began drilling 0900  
Arrived on site 1130 - down to 220'

Bit getting hung up on clay - may  
have to trip out & use drag bit

ATA-7

ATA-7

0-10 Br - vf - fgr sandy clay

10-20' tan - wh sandy LS. w/  
some blue - wh - clay  
some shell

20-30 gray - gr clay, some white -  
mixed w/ abate

30-40 Same

40-50 same, but becoming greener

50-60 dk gr - becoming white toward  
bottom clay - some f-m grain  
S.S. - well cemented & fairly well  
sorted

60-70 same but less wh clay & more  
wh-tan LS. well fractured, along  
w/ some shell

70-80 same but a lot of mottled gray  
in LS - becoming more arg.

LEVEL

80-90 Lt gr - grey clay - very plastic

90-100 As above, but w/ more inter-  
mixed sand wh-tan-bk

100-110 same

110-120 same

120-130 same

130-140 same

140-150 same but becoming darker green

150-160 same; becoming almost dk grey

160-170 same; but w/ more blk fm  
grain sand intermixed - some phos

170-180 Becoming more phosphatic  
& more plastic

180-190 same, but not as much  
phosphate

190-200 same

200-210 same; w/ evidence some  
ref L.S. - small stringers

210-220 same

220-230 becoming darker & more  
plastic - same.

230-240 same

240-250 clay - w - br - gr - very soft

250-260 clay - becoming much  
whiter & softer.

260-270 same w/ occasional stringers  
of hard L.S. (grey thin beds)



- 270-280 Same -  
 (\* harder drilling due to  
 the dullness of bit)
- 280-290 Same; some hd. stringers
- 290-300 Same; again becoming  
 lighter in color
- Tripped out @ 1400 to change  
 bits. - finished @ 1440 -  
 Put on drag bit to cut through  
 clay - began drilling 1445
- 300-310 Same but increasingly  
 more wh-tan LS.
- 310-320 More LS. v hd - 0% porosity  
 (ls. stringers) w/ still a lot of clay
- 320-330 Clay same w/ some micritic  
 L.S. - drilling very fast
- 330-340 Same - more brown - phosphate
- 340-350 still present - no water!  
 same  
 still drilling fast w/ drag bit  
 50:50 L.S. - clay grey soft  
 clay w/ wh porous reef LS.
- 350-360 clay becoming harder - but  
 same as above - phosphate  
 becoming larger in size or  
 evidence of some pink dolomite  
 near bottom
- 360-370 same -
- 370-380 Drilling picked <sup>up</sup> speed - back in  
 to green-dark grey clay - very  
 hard & conning
- 380-390 Same
- 390-400 same - drilling much harder  
 @ bottom 5' or - lost circulation  
 a drinker!
- MID-HAWTHORN

2/1 Log well to 400' - set casing  
(6") to 395' - drill out until  
reach confining bed & produce  
from there.

Probably will produce a lot of water.

No S.S. aquifer to speak of -

2/1 Logged well

2/6 Setup on RTA-7

2/7 Beamed out RTA-7 to 400'  
Set casing 400' - 6"

2/8 Cemented casing in place  
Drilled to 80' - shallow monitoring  
Set casing to 60' well

2/9 Developed both wells  
Moved it into DOT yard

1/30/84

Set up rig @ bend in C-720  
(Glades Co) - 12 mi W. of Lykes  
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RTA-7

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some blue-wh clay  
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of hard L.S. (very thin beds)

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 (\* harder drilling due to  
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 lighter in color

Tripped out @ 1400 to change  
 bits. - finished @ 1440 -  
 Put on drag bit to cut through  
 clay - began drilling 1445

300-310 Same but increasingly  
 more wh-ten L.S.

310-320 More L.S. v hd - 0% porosity  
 (L.S. stringers) w/ still a lot of clay

320-330 Clay same w/ some micrite  
 L.S. - drilling very fast

330-340 Same - more brn - phosphate



still present - no water!

340-350 same  
 still drilling fast w/ drag bit  
 50:50 L.S. - clay grey soft  
 clay w/ wh porous reef L.S.

350-360 Clay becoming harder - but  
 same as above - phosphate  
 becoming larger in size, or  
 evidence of some pink dolomite  
 near bottom.

360-370 Same -

370-380 Drilling picked <sup>UP</sup> speed - back in  
 to green-dark grey clay - very  
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 a driller!

MID-HAWTHORN



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Drilled to 80' - shallow monitoring  
Set casing to 60' well

2/9 Developed both wells  
Moved it into DOT yard

MADE IN VANUATU  
R. 100% WATERPROOF

LEVEL





South Florida

John R. Maloy, Executive Director  
John R. Wodraska, Deputy Executive Director

## Water Management District

Post Office Box V 3301 Gun Club Road  
West Palm Beach, Florida 33402  
Telephone (305) 686-8800  
Florida WATS Line 1-800-432-2045

IN REPLY REFER TO:

February 28, 1984

Dave Whidden, Road Supervisor  
Glades County Road Department  
P. O. Box 395  
Moore Haven, FL 32471

Dear Mr. Whidden:

Enclosed please find the amended and signed permit for the wells that the South Florida Water Management District drilled during January and February of this year. The stated changes have been approved by Irene Quincey of the District's legal department.

These wells were installed on Glades County right-of-ways, and will be pumped and/or monitored during a series of investigative pump tests.

Attached to the permit are maps of the approximate location of each well along with the following information:

- 1) approximate well locations measured from the center of adjacent roads;
- 2) approximate location of FPL power lines;
- 3) approximate location of buried United Telephone lines;
- 4) adjacent property owners; and
- 5) other distinguishing landmarks.

In the future, if requested, these wells may be plugged with cement and cut off below surface. Until that time, they will be used as monitoring wells. Also, a road crew from Clewiston will clean the site of mud and grade it.

If you have any questions, please contact Scott Burns or myself.

Sincerely,

Tim S. Sharp, Hydrogeologist  
Groundwater Division  
Resource Planning Department

TSS:hm  
Enclosures

cc: Scott Burns

Robert L. Clark, Jr.  
Chairman - Fort Lauderdale

Stanley W. Hole  
Vice Chairman-Naples

J. Neil Gallagher  
St. Cloud

Nathaniel P. Reed  
Hobe Sound

Kathleen Shea Abrams  
Miami Shores

John F. Flanigan  
North Palm Beach

Tim E. Powers  
Indiantown

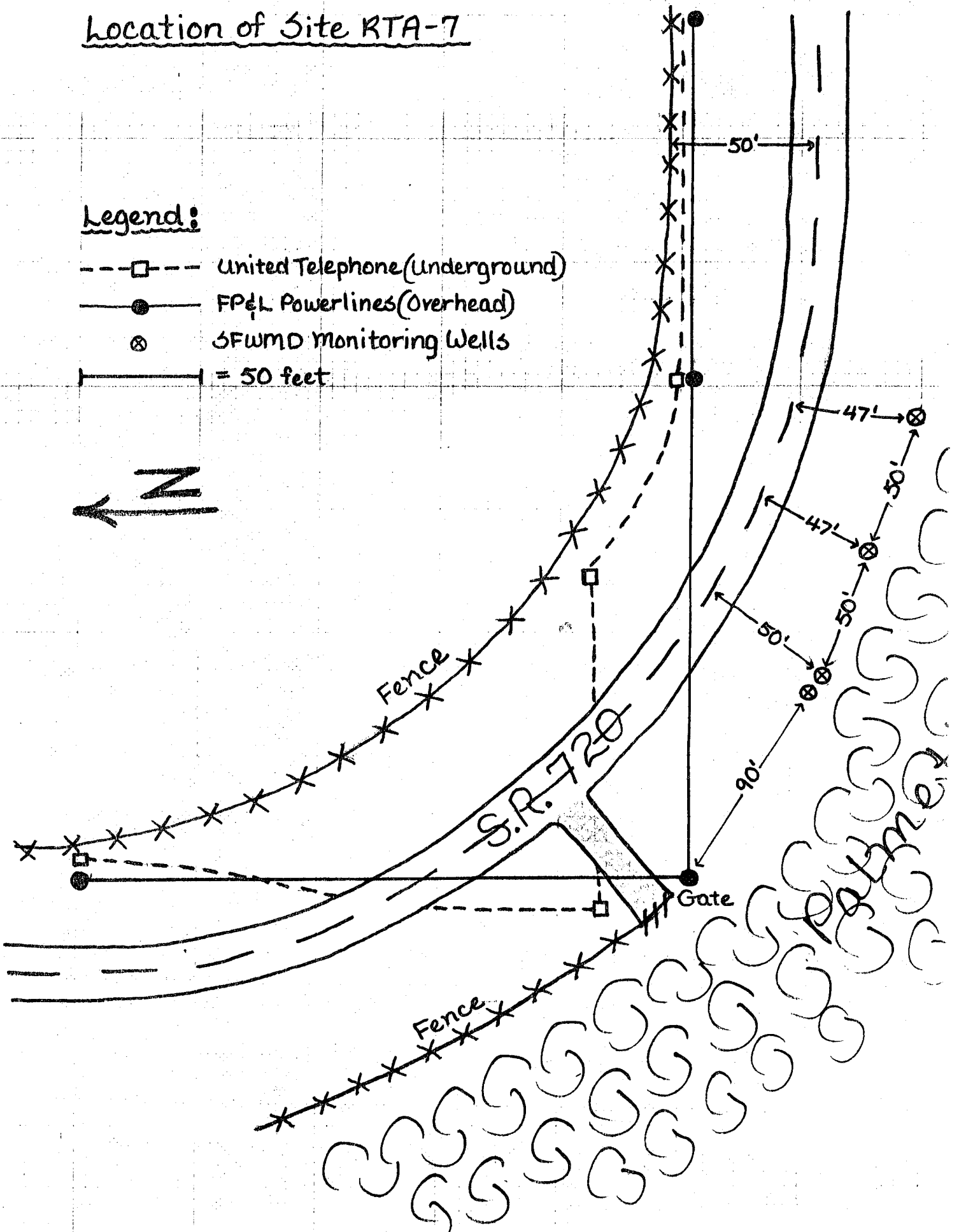
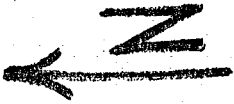
William E. Sadowski  
Miami

Kent Price  
Okechobee

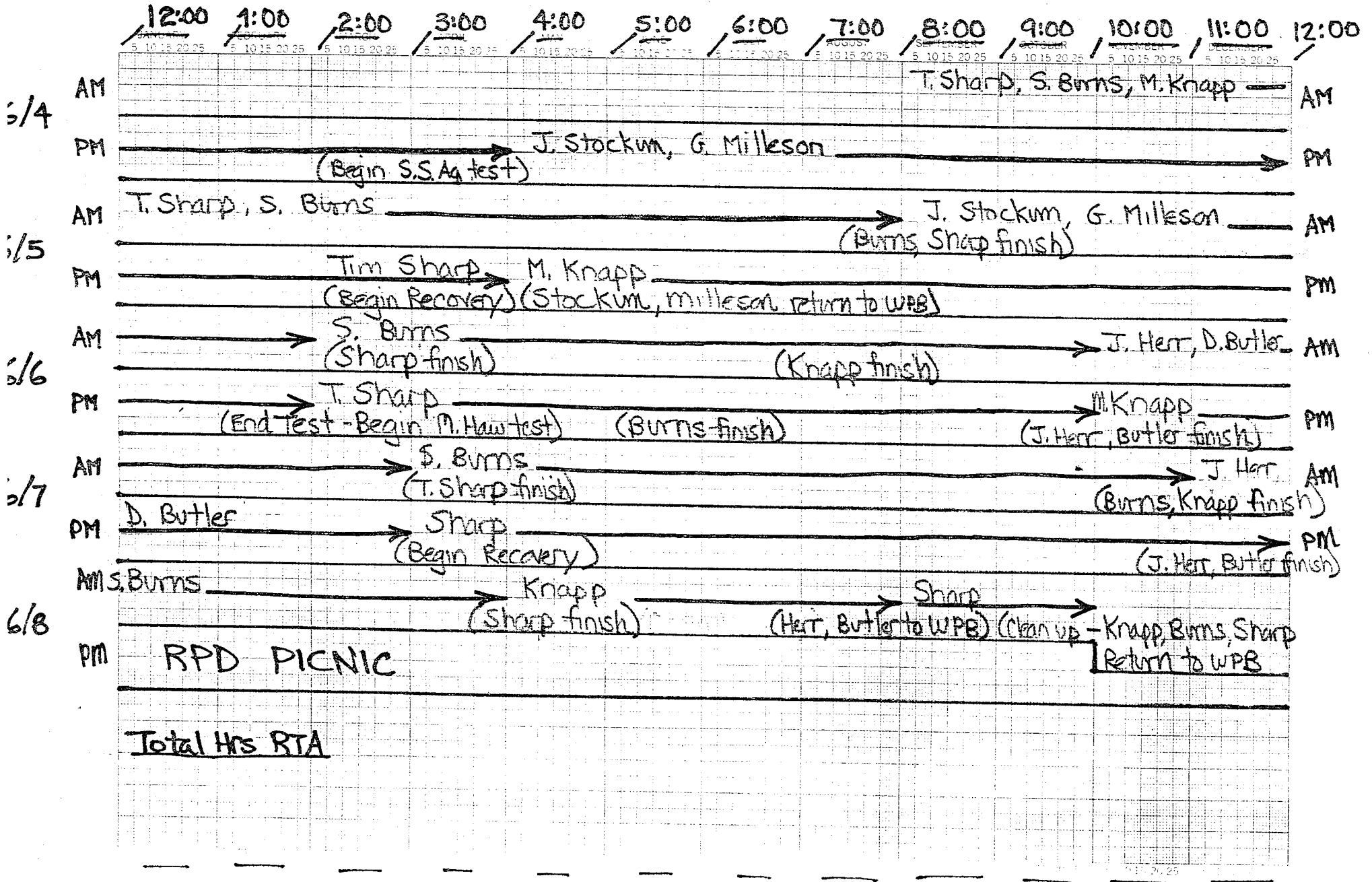
# Location of Site RTA-7

## Legend:

- - - □ - - - United Telephone (Underground)
- ● - FP&L Powerlines (Overhead)
- ⊗ SFWMD Monitoring Wells
- = 50 feet



# PUMP TEST SCHEDULE FOR RTA-7

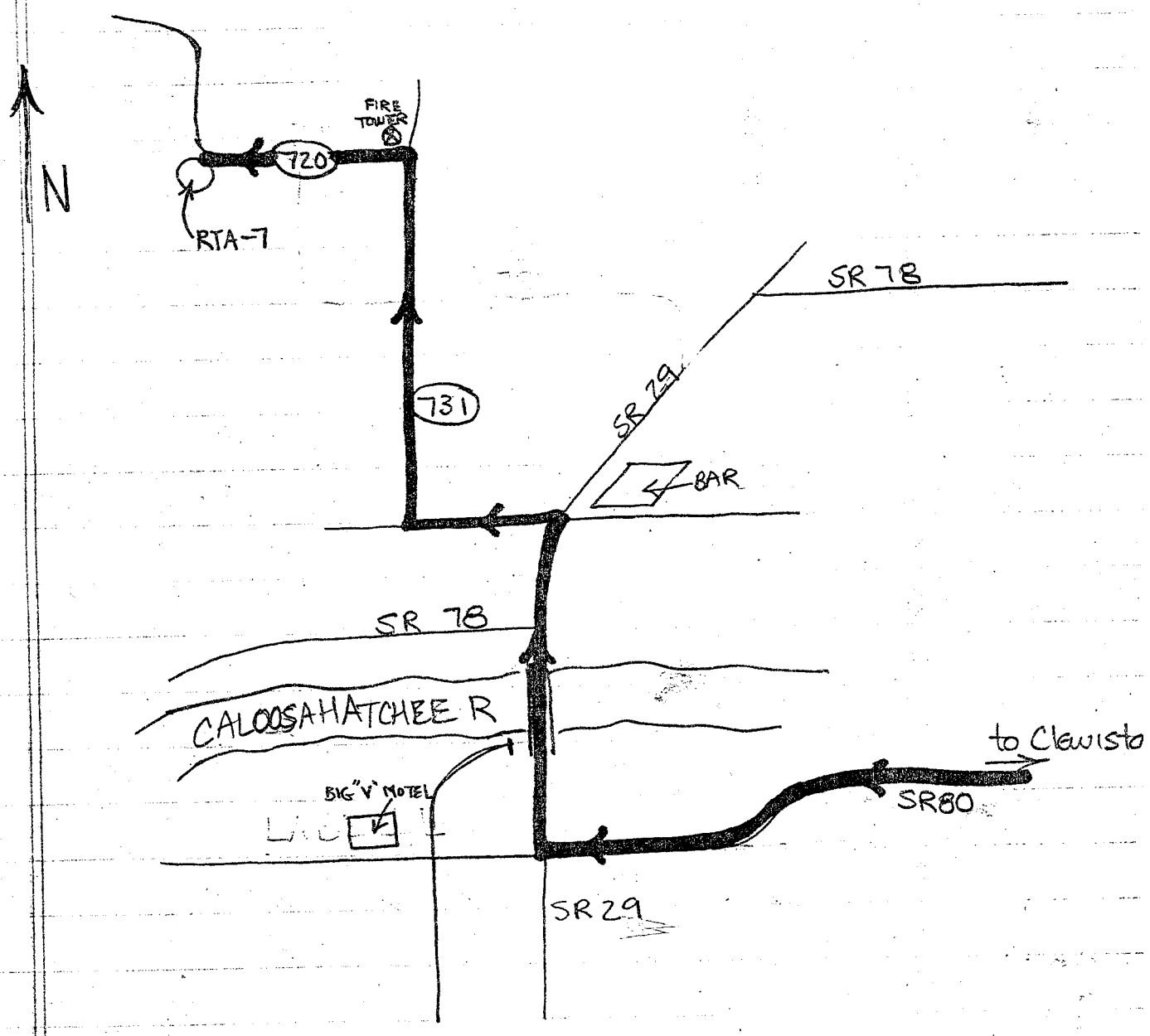


6/4 6/5 6/6 6/7

Transportation: 716 Burns, Knapp →  
 Pick up (carpool) Stockm → Herr →  
 241 Sharp →  
 Staff Car Milleson → Butler →

Lodging: — Big "V" motel — 1 Double \$33.60 (including tax)  
 1 Triple

MAP TO RTA-7 SITE



Note: Before beginning next test, check scale factors on transducers: (Set up pretest)

1. Lower transducer into to marked depth, equal to the range of transducer,
2. measure hydrostatic head level,
3. subtract 2 from 1, this is L,
4. record level indicated by insitu,
5. lower transducer to different level, (above 2x range)
6. subtract L from value in 5, this is  $\Delta W$ ,
7. plug values into formula

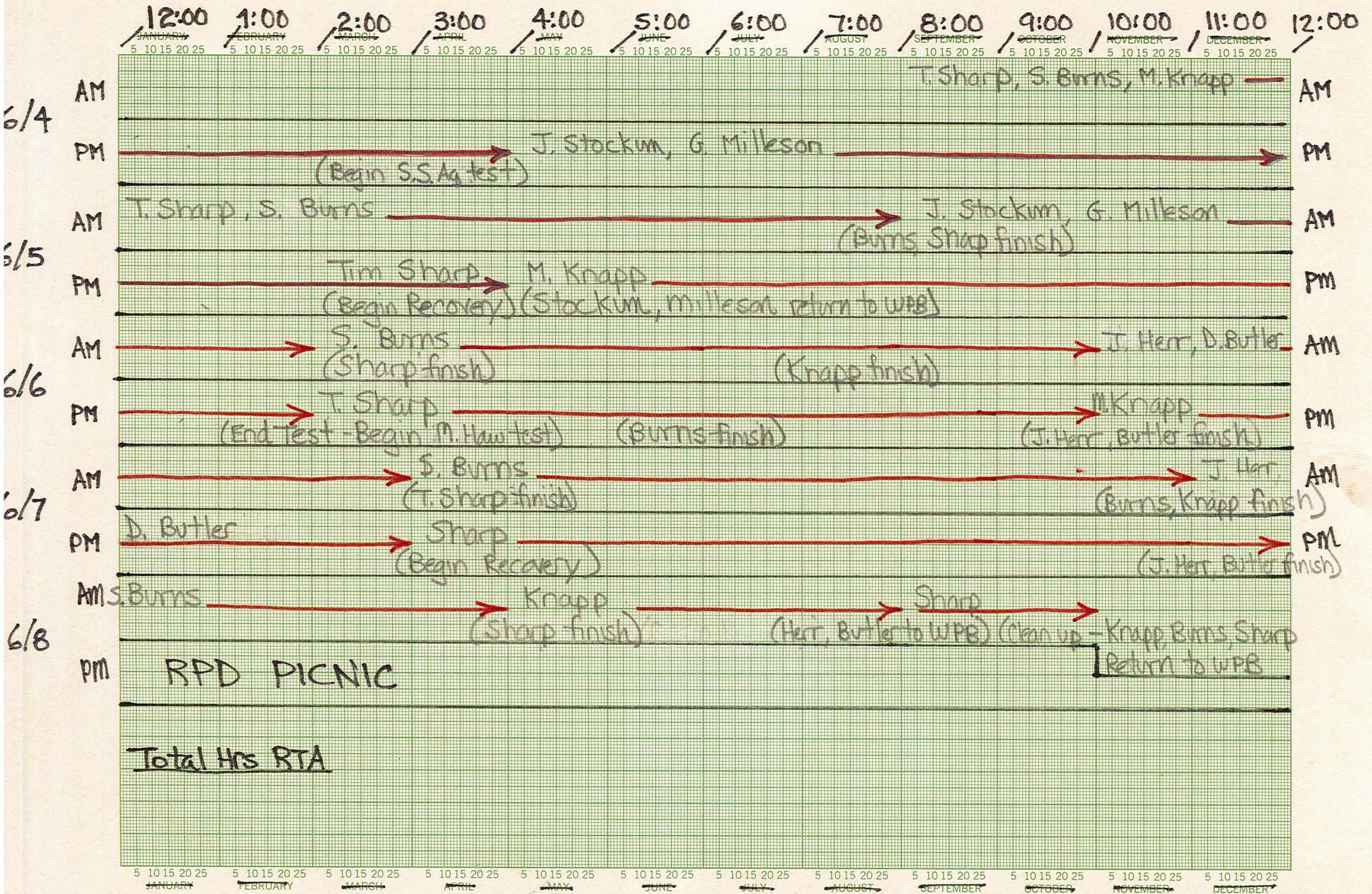
$SF_2 \rightarrow$  New scale factor

$$SF_2 = SF_1 \cdot \frac{L}{\Delta W}$$

For KXA values look on page — (4x2  $\rightarrow$  1.88)



# PUMP TEST SCHEDULE FOR RTA-7





<u>Transportation:</u>	716	Burns, Knapp	→
	Pick up (carpool)	Stockm	→ Herr →
	241	Sharp	→
	Staff Car	Milleson	→ Butler →

Lodging: — Big "V" motel — 1 Double \$33.60 (including tax)  
 Big V (313) 1 Triple

MAP TO RTA-7 SITE

