

Well 4 Step Drawdown Pumping Test

Depth: 301m

Step: One

Type of Well: Flowing

Date: 04.11.94

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Reading	Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
0.00	63.00	0.00	4424.70		
1.00	58.00	3.50	4425.60	15.00	1296
2.00	58.00	3.50	4427.40	30.00	2592
3.00	58.00	3.50	4429.00	26.67	2304
4.00	57.00	4.20	4430.80	30.00	2592
6.00	57.00	4.20	4432.20	11.67	1008
10.00	56.00	4.90	4437.80	23.33	2016
20.00	54.00	6.30	4451.90	23.50	2030.4
30.00	53.00	7.00	4465.90	23.33	2016
40.00	53.00	7.00	4481.00	25.17	2174.4
50.00	52.00	7.70	4494.80	23.00	1987.2
60.00	52.00	7.70	4507.00	20.33	1756.8
90.00	51.00	8.40	4549.10	23.39	2020.8

Average Discharge Rate= 1982.8 m³/day

Well 4 Step Drawdown Pumping Test

Depth: 301m

Step: Two

Type of Well: Flowing

Date: 04.11.94

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Reading	Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
90.00	51.00	8.40	4549.10		
95.00	51.00	8.40	4557.10	26.67	2304
100.00	50.50	8.75	4565.90	29.33	2534.4
105.00	50.50	8.75	4574.20	27.67	2390.4
110.00	50.00	9.10	4582.70	28.33	2448
115.00	50.00	9.10	4591.10	28.00	2419.2
120.00	50.00	9.10	4600.10	30.00	2592
125.00	50.00	9.10	4607.90	26.00	2246.4

Average Discharge Rate= 2419.2 m³/day

Well 4 Step Drawdown Pumping Test

Depth: 301m

Step: Three

Type of Well: Flowing

Date: 04.11.92

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Reading	Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
125.00	50.00	9.10	4607.90		
130.00	50.00	9.10	4616.00	27.00	2332.8
135.00	47.00	11.20	4626.00	33.33	2880
140.00	47.00	11.20	4638.00	40.00	3456
145.00	46.00	11.90	4649.00	36.67	3168
150.00	46.00	11.90	4659.20	34.00	2937.6
155.00	46.00	11.90	4670.20	36.67	3168
160.00	46.00	11.90	4681.60	37.33	3225.6

Average Discharge Rate= 3024 m³/day

Well 4 Step Drawdown Pumping Test

Depth: 301m

Step: Four

Type of Well: Flowing

Date: 04.11.92

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Reading	Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
165.00	46.00	11.90	4681.60		
170.00	46.00	11.90	4701.00	64.67	5587.2
175.00	30.00	23.10	4721.00	66.67	5760
180.00	29.00	23.80	4739.00	60.00	5184
185.00	28.00	24.50	4758.00	63.33	5472
190.00	27.00	25.20	4776.00	60.00	5184
195.00	27.00	25.20	4794.00	60.00	5184
200.00	27.00	25.20	4812.00	60.00	5184

Average Discharge Rate= 5365.0286 m³/day

Well 4 Step Drawdown Pumping Test

Depth: 301m

Step: Five

Type of Well: Flowing

Date: 04.11.92

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Reading	Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
200.00	27.00	25.20	4812.00		
205.00	27.00	25.20	4834.00	73.33	6336
210.00	17.00	32.20	4857.00	76.67	6624
215.00	17.00	32.20	4880.00	76.67	6624
220.00	16.00	32.90	4902.20	74.00	6393.6
225.00	16.00	32.90	4923.60	71.33	6163.2
230.00	15.00	33.60	4948.00	81.33	7027.2
235.00	15.00	33.60	4966.60	71.67	6192

Average Discharge Rate= 6480 m³/day

Well 4 CONSTANT RATE PUMPING TEST

Depth=301m

Type of Well : Flowing

Date	T(min)	P(psi)	DD(m)	Discharge Rate(m ³ /d)		Spec. Cap. m ² /day	Discharge Rate(Field)	
				Weir tank	Flowmeter		300mm-over weir	Flowmeter(s/500L)
10.11.94	0	64.00	0.00					
	1	58.00	4.20	2692.74	2710.16	641.13	149.00	15.94
	2	56.50	5.25	2692.74	2474.23	512.90	149.00	17.46
	3	55.50	5.95	2666.19	2363.24	448.10	150.00	18.28
	4	55.00	6.30	2666.19	2597.71	423.20	150.00	16.63
	5	54.50	6.65	2719.37	2542.67	408.93	148.00	16.99
	6	54.00	7.00	2692.74	2318.84	384.68	149.00	18.63
	7	54.00	7.00	2692.74	2129.13	384.68	149.00	20.29
	8	53.50	7.35	2666.19	2311.40	362.75	150.00	18.69
	9	53.50	7.35	2692.74	2718.69	366.36	149.00	15.89
	10	53.00	7.70	2692.74	2414.76	349.71	149.00	17.89
	12	52.50	8.05	2666.19	2388.06	331.20	150.00	18.09
	14	52.50	8.05	2666.19	2705.07	331.20	150.00	15.97
	16	52.00	8.40	2692.74	2495.67	320.56	149.00	17.31
	18	51.50	8.75	2692.74	2464.35	307.74	149.00	17.53
	20	51.50	8.75	2666.19	2751.59	304.71	150.00	15.70
	25	50.50	9.45	2639.73	2547.17	279.34	151.00	16.96
	30	50.00	9.80	2639.73	2306.46	269.36	151.00	18.73
	35	49.50	10.15	2613.37	2311.40	257.47	152.00	18.69
	40	49.00	10.50	2613.37	2359.37	248.89	152.00	18.31
	45	49.00	10.50	2587.09	2358.08	246.39	153.00	18.32
	50	48.50	10.85	2613.37	2397.34	240.86	152.00	18.02
	55	48.00	11.20	2666.19	2862.82	238.05	150.00	15.09
	60	47.50	11.55	2666.19	2536.70	230.84	150.00	17.03
	70	46.50	12.25	2666.19	2448.98	217.65	150.00	17.64
	80	46.00	12.60	2639.73	2301.55	209.50	151.00	18.77
	90	45.50	12.95	2639.73	2516.02	203.84	151.00	17.17
	100	45.50	12.95	2613.37	2306.46	201.80	152.00	18.73
	110	45.00	13.30	2587.09	2484.19	194.52	153.00	17.39
	120	44.50	13.65	2613.37	2209.72	191.46	152.00	19.55
	150	44.00	14.00	2587.09	2454.55	184.79	153.00	17.60
	180	43.00	14.70	2560.90	2619.77	174.21	154.00	16.49
	210	42.00	15.40	2560.90	2306.46	166.29	154.00	18.73
	240	41.00	16.10	2560.90	2498.55	159.06	154.00	17.29
	300	40.00	16.80	2560.90	2389.38	152.43	154.00	18.08
	360	38.50	17.85	2587.09	2679.90	144.93	153.00	16.12
	420	37.25	18.73	2560.90	2576.03	136.76	154.00	16.77
	480	36.10	19.53	2613.37	2358.08	133.81	152.00	18.32
	540	35.00	20.30	2639.73	2504.35	130.04	151.00	17.25
	600	34.35	20.76	2613.37	2602.41	125.92	152.00	16.60
	660	34.00	21.00	2639.73	2308.93	125.70	151.00	18.71
	720	33.50	21.35	2639.73	2373.63	123.64	151.00	18.20
11.11.94	780	33.25	21.53	2639.73	2355.51	122.64	151.00	18.34
	840	33.00	21.70	2613.37	2261.78	120.43	152.00	19.10
	900	32.25	22.23	2613.37	2465.75	117.59	152.00	17.52
	960	32.50	22.05	2639.73	2392.03	119.72	151.00	18.06
	1020	32.00	22.40	2613.37	2461.54	116.67	152.00	17.55
	1080	31.00	23.10	2613.37	2497.11	113.13	152.00	17.30
	1140	30.50	23.45	2639.73	2819.84	112.57	151.00	15.32
	1200	29.75	23.98	2666.19	2615.01	111.21	150.00	16.52
	1260	29.00	24.50	2666.19	2843.98	108.82	150.00	15.19

Date	T(min)	P(psi)	DD(m)	Discharge Rate(m ³ /d)		Spec.Cap. m ² /day	Discharge Rate(Field)	
				Weir tank	Flowmeter		300mm-over weir	Flowmeter(s/500L)
	1320	28.80	24.64	2666.19	2539.68	108.21	150.00	17.01
	1380	28.50	24.85	2613.37	2562.28	105.17	152.00	16.86
	1440	28.25	25.03	2666.19	2358.08	106.54	150.00	18.32
	1500	28.00	25.20	2613.37	2530.76	103.71	152.00	17.07
	1560	27.75	25.38	2639.73	2557.73	104.03	151.00	16.89
	1620	27.50	25.55	2666.19	2396.01	104.35	150.00	18.03
	1680	27.50	25.55	2666.19	2597.71	104.35	150.00	16.63
	1740	27.00	25.90	2666.19	2367.12	102.94	150.00	18.25
	1800	26.90	25.97	2613.37	2288.14	100.63	152.00	18.88
	1860	26.75	26.08	2613.37	2428.33	100.22	152.00	17.79
	1920	26.60	26.18	2587.09	2586.83	98.82	153.00	16.70
	1980	26.45	26.29	2639.73	2431.06	100.43	151.00	17.77
	2040	26.25	26.43	2587.09	2547.17	97.90	153.00	16.96
	2100	29.19	24.37	2508.78	2478.49	102.96	156.00	17.43
	2160	26.00	26.60	2560.90	2554.70	96.27	154.00	16.91
12.11.94	2220	25.85	26.71	2534.79	2420.17	94.92	155.00	17.85
	2280	25.70	26.81	2587.09	2385.42	96.50	153.00	18.11
	2340	25.50	26.95	2613.37	2569.90	96.97	152.00	16.81
	2400	25.05	27.27	2613.37	2611.85	95.85	152.00	16.54
	2460	25.25	27.13	2639.73	2487.05	97.32	151.00	17.37
	2520	25.10	27.23	2587.09	2374.93	95.01	153.00	18.19
	2580	25.05	27.27	2613.37	2478.49	95.85	152.00	17.43
	2640	25.00	27.30	2560.90	2377.55	93.81	154.00	18.17
	2700	25.00	27.30	2613.37	2355.51	95.73	152.00	18.34
	2760	24.90	27.37	2613.37	2497.11	95.48	152.00	17.30
	2820	24.85	27.41	2587.09	2514.55	94.40	153.00	17.18
	2880	24.65	27.55	2587.09	2384.11	93.92	153.00	18.12
	2940	24.30	27.79	2560.90	2514.55	92.15	154.00	17.18
	3000	23.70	28.21	2587.09	2523.36	91.71	153.00	17.12
	3060	23.50	28.35	2534.79	2467.16	89.41	155.00	17.51
	3120	23.40	28.42	2613.37	2322.58	91.96	152.00	18.60
	3180	23.30	28.49	2613.37	2508.71	91.73	152.00	17.22
	3240	23.25	28.53	2639.73	2526.32	92.54	151.00	17.10
	3300	23.10	28.63	2639.73	2341.46	92.20	151.00	18.45
	3360	23.10	28.63	2613.37	2389.38	91.28	152.00	18.08
	3420	23.00	28.70	2613.37	2410.71	91.06	152.00	17.92
	3480	22.80	28.84	2613.37	2489.91	90.62	152.00	17.35
	3540	22.75	28.88	2587.09	2668.31	89.60	153.00	16.19
	3600	22.60	28.98	2613.37	2295.43	90.18	152.00	18.82
13.11.94	3660	22.50	29.05	2613.37	2380.17	89.96	152.00	18.15
	3720	22.50	29.05	2639.73	2647.06	90.87	151.00	16.32
	3780	22.40	29.12	2613.37	2367.12	89.74	152.00	18.25
	3840	22.25	29.23	2613.37	2520.42	89.42	152.00	17.14
	3900	22.20	29.26	2613.37	2461.54	89.32	152.00	17.55
	3960	22.00	29.40	2613.37	2602.41	88.89	152.00	16.60
	4020	22.00	29.40	2613.37	2420.17	88.89	152.00	17.85
	4080	22.00	29.40	2613.37	2560.76	88.89	152.00	16.87
	4140	21.85	29.51	2639.73	2526.32	89.47	151.00	17.10
	4200	21.70	29.61	2666.19	2576.03	90.04	150.00	16.77
	4260	21.55	29.72	2692.74	2413.41	90.62	149.00	17.90
	4320	21.40	29.82	2534.79	2342.73	85.00	155.00	18.44
	4380	20.60	30.38	2666.19	2390.70	87.76	150.00	18.07
	4440	20.65	30.35	2639.73	2412.06	86.99	151.00	17.91

Date	T(min)	P(psi)	DD(m)	Discharge Rate(m ³ /d)		Spec.Cap. m ² /day	Discharge Rate(Field)	
				Weir tank	Flowmeter		300mm-over weir	Flowmeter(s/500L)
	4500	20.75	30.28	2560.90	2336.40	84.59	154.00	18.49
	4560	20.65	30.35	2639.73	2425.60	86.99	151.00	17.81
	4620	20.50	30.45	2639.73	2335.14	86.69	151.00	18.50
	4680	20.50	30.45	2639.73	2586.83	86.69	151.00	16.70
	4740	20.30	30.59	2639.73	2583.73	86.29	151.00	16.72
	4800	20.25	30.63	2639.73	2426.97	86.20	151.00	17.80
	4860	20.25	30.63	2613.37	2373.63	85.33	152.00	18.20
	4920	20.20	30.66	2639.73	2461.54	86.10	151.00	17.55
	4980	20.20	30.66	2639.73	2358.08	86.10	151.00	18.32
	5040	20.10	30.73	2613.37	2510.17	85.04	152.00	17.21
14.11.94	5100	20.05	30.77	2639.73	2565.32	85.80	151.00	16.84
	5160	20.00	30.80	2639.73	2332.61	85.71	151.00	18.52
	5220	20.00	30.80	2613.37	2388.06	84.85	152.00	18.09
	5280	19.90	30.87	2639.73	2479.91	85.51	151.00	17.42
	5340	19.90	30.87	2639.73	2358.08	85.51	151.00	18.32
	5400	19.85	30.91	2639.73	2461.54	85.41	151.00	17.55
	5460	19.80	30.94	2639.73	2436.55	85.32	151.00	17.73
	5520	19.75	30.98	2613.37	2373.63	84.37	152.00	18.20
	5580	19.50	31.15	2613.37	2507.25	83.90	152.00	17.23
	5640	19.50	31.15	2613.37	2384.11	83.90	152.00	18.12
	5700	19.50	31.15	2639.73	2342.73	84.74	151.00	18.44
	5760	19.50	31.15	2613.37	2410.71	83.90	152.00	17.92
	5820	19.50	31.15	2613.37	2378.85	83.90	152.00	18.16
	5880	19.50	31.15	2613.37	2345.28	83.90	152.00	18.42
	5940	19.50	31.15	2613.37	2589.93	83.90	152.00	16.68
	6000	19.40	31.22	2613.37	2588.38	83.71	152.00	16.69
	6060	19.25	31.33	2613.37	2605.55	83.43	152.00	16.58
	6120	19.25	31.33	2613.37	2562.28	83.43	152.00	16.86
	6180	19.20	31.36	2613.37	2385.42	83.33	152.00	18.11
	6240	19.10	31.43	2613.37	2428.33	83.15	152.00	17.79
	6300	19.10	31.43	2587.09	2373.63	82.31	153.00	18.20
	6360	19.00	31.50	2587.09	2345.28	82.13	153.00	18.42
	6420	19.00	31.50	2587.09	2371.02	82.13	153.00	18.22
	6480	18.90	31.57	2587.09	2390.70	81.95	153.00	18.07
15.11.94	6540	18.90	31.57	2587.09	2374.93	81.95	153.00	18.19
	6600	18.90	31.57	2587.09	2359.37	81.95	153.00	18.31
	6660	18.90	31.57	2587.09	2402.67	81.95	153.00	17.98
	6720	18.80	31.64	2587.09	2385.42	81.77	153.00	18.11
	6780	18.80	31.64	2587.09	2161.08	81.77	153.00	19.99
	6840	18.75	31.68	2587.09	2398.67	81.68	153.00	18.01
	6900	18.75	31.68	2587.09	2485.62	81.68	153.00	17.38
	6960	18.75	31.68	2560.90	2369.72	80.85	154.00	18.23
	7020	18.75	31.68	2560.90	2396.01	80.85	154.00	18.03
	7080	18.70	31.71	2560.90	2516.02	80.76	154.00	17.17
	7140	18.70	31.71	2560.90	2315.11	80.76	154.00	18.66
	7200	17.50	32.55	2639.73	2488.48	81.10	151.00	17.36
	7260	17.25	32.73	2666.19	2580.65	81.47	150.00	16.74
	7320	17.00	32.90	2666.19	2597.71	81.04	150.00	16.63
	7380	17.00	32.90	2666.19	2536.70	81.04	150.00	17.03
	7440	16.85	33.01	2639.73	2465.75	79.98	151.00	17.52
	7500	16.75	33.08	2639.73	2513.09	79.81	151.00	17.19
	7560	16.70	33.11	2639.73	2497.11	79.73	151.00	17.30
	7620	16.60	33.18	2666.19	2385.42	80.36	150.00	18.11

Date	T(min)	P(psi)	DD(m)	Discharge Rate(m3/d)		Spec.Cap. m2/day	Discharge Rate(Field)	
				Weir tank	Flowmeter		300mm-over weir	Flowmeter(s/500L)
	7680	16.55	33.22	2639.73	2429.70	79.47	151.00	17.78
	7740	16.50	33.25	2639.73	2481.33	79.39	151.00	17.41
	7800	16.50	33.25	2639.73	2414.76	79.39	151.00	17.89
	7860	16.25	33.43	2639.73	2397.34	78.97	151.00	18.02
	7920	16.25	33.43	2639.73	2382.79	78.97	151.00	18.13
16.11.94	7980	16.20	33.46	2639.73	2404.01	78.89	151.00	17.97
	8040	16.00	33.60	2639.73	2418.81	78.56	151.00	17.86
	8100	16.00	33.60	2639.73	2396.01	78.56	151.00	18.03
	8160	15.90	33.67	2639.73	2382.79	78.40	151.00	18.13
	8220	15.80	33.74	2639.73	2442.06	78.24	151.00	17.69
	8280	15.60	33.88	2639.73	2424.24	77.91	151.00	17.82
	8340	15.50	33.95	2639.73	2516.02	77.75	151.00	17.17
	8400	15.50	33.95	2639.73	2420.17	77.75	151.00	17.85
	8460	15.50	33.95	2639.73	2413.41	77.75	151.00	17.90
	8520	15.30	34.09	2639.73	2414.76	77.43	151.00	17.89
	8580	15.20	34.16	2639.73	2523.36	77.28	151.00	17.12
	8640	15.00	34.30	2692.74	2472.81	78.51	149.00	17.47
	8700	15.00	34.30	2692.74	2621.36	78.51	149.00	16.48
	8760	15.00	34.30	2692.74	2482.76	78.51	149.00	17.40
	8820	15.00	34.30	2692.74	2529.27	78.51	149.00	17.08
	8880	15.00	34.30	2666.19	2554.70	77.73	150.00	16.91
	8940	14.95	34.34	2666.19	2523.36	77.65	150.00	17.12
	9000	14.90	34.37	2666.19	2481.33	77.57	150.00	17.41
	9060	14.90	34.37	2666.19	2562.28	77.57	150.00	16.86
	9120	14.90	34.37	2666.19	2485.62	77.57	150.00	17.38
	9180	14.85	34.41	2666.19	2481.33	77.49	150.00	17.41
	9240	14.85	34.41	2639.73	2550.18	76.73	151.00	16.94
	9300	14.85	34.41	2639.73	2539.68	76.73	151.00	17.01
	9360	14.85	34.41	2639.73	2527.79	76.73	151.00	17.09
17.11.94	9420	14.75	34.48	2639.73	2554.70	76.57	151.00	16.91
	9480	14.75	34.48	2639.73	2565.32	76.57	151.00	16.84
	9540	14.75	34.48	2613.37	2498.55	75.80	152.00	17.29
	9600	14.65	34.55	2639.73	2574.49	76.41	151.00	16.78
	9660	14.65	34.55	2639.73	2569.90	76.41	151.00	16.81
	9720	14.60	34.58	2613.37	2511.63	75.57	152.00	17.20
	9780	14.60	34.58	2613.37	2477.06	75.57	152.00	17.44
	9840	14.55	34.62	2639.73	2388.06	76.26	151.00	18.09
	9900	14.50	34.65	2639.73	2495.67	76.18	151.00	17.31
	9960	14.50	34.65	2613.37	2579.10	75.42	152.00	16.75
	10020	14.50	34.65	2613.37	2599.28	75.42	152.00	16.62
	10080	14.50	34.65	2613.37	2602.41	75.42	152.00	16.60

The Average Discharge Rate= 2545.76 m3/day

WELL 4 RECOVERY TEST

Depth=301 m		Date: 17.11.94			
t'(MIN)	t(MIN)	l/l'	P(psi)	WL(m)	s'(m)
0.00	10080.00	0.00	14.50	10.15	34.65
1.00	10081.00	10081.00	20.00	14.00	30.80
2.00	10082.00	5041.00	21.00	14.70	30.10
3.00	10083.00	3361.00	21.50	15.05	29.75
4.00	10084.00	2521.00	22.25	15.58	29.23
5.00	10085.00	2017.00	22.60	15.82	28.98
6.00	10086.00	1681.00	23.00	16.10	28.70
7.00	10087.00	1441.00	23.25	16.28	28.53
8.00	10088.00	1261.00	23.40	16.38	28.42
9.00	10089.00	1121.00	23.75	16.63	28.18
10.00	10090.00	1009.00	24.00	16.80	28.00
12.00	10092.00	841.00	24.50	17.15	27.65
14.00	10094.00	721.00	25.10	17.57	27.23
16.00	10096.00	631.00	25.60	17.92	26.88
18.00	10098.00	561.00	25.90	18.13	26.67
20.00	10100.00	505.00	26.25	18.38	26.43
25.00	10105.00	404.20	27.00	18.90	25.90
30.00	10110.00	337.00	27.30	19.11	25.69
35.00	10115.00	289.00	27.90	19.53	25.27
40.00	10120.00	253.00	28.75	20.13	24.68
45.00	10125.00	225.00	29.30	20.51	24.29
50.00	10130.00	202.60	29.70	20.79	24.01
55.00	10135.00	184.27	30.00	21.00	23.80
60.00	10140.00	169.00	30.20	21.14	23.66
70.00	10150.00	145.00	31.00	21.70	23.10
80.00	10160.00	127.00	32.00	22.40	22.40
90.00	10170.00	113.00	32.25	22.58	22.23
100.00	10180.00	101.80	32.70	22.89	21.91
110.00	10190.00	92.64	33.10	23.17	21.63
120.00	10200.00	85.00	33.30	23.31	21.49
150.00	10230.00	68.20	35.00	24.50	20.30
180.00	10260.00	57.00	36.20	25.34	19.46
210.00	10290.00	49.00	36.90	25.83	18.97
240.00	10320.00	43.00	37.60	26.32	18.48
300.00	10380.00	34.60	38.75	27.13	17.68
360.00	10440.00	29.00	39.90	27.93	16.87
420.00	10500.00	25.00	40.70	28.49	16.31
480.00	10560.00	22.00	41.50	29.05	15.75
540.00	10620.00	19.67	42.30	29.61	15.19
600.00	10680.00	17.80	43.00	30.10	14.70
660.00	10740.00	16.27	43.70	30.59	14.21
720.00	10800.00	15.00	44.30	31.01	13.79
780.00	10860.00	13.92	44.80	31.36	13.44
840.00	10920.00	13.00	45.30	31.71	13.09
900.00	10980.00	12.20	45.75	32.03	12.78
960.00	11040.00	11.50	46.20	32.34	12.46
1020.00	11100.00	10.88	46.60	32.62	12.18
1080.00	11160.00	10.33	47.10	32.97	11.83
1140.00	11220.00	9.84	47.50	33.25	11.55
1200.00	11280.00	9.40	47.95	33.57	11.24
1260.00	11340.00	9.00	48.40	33.88	10.92
1320.00	11400.00	8.64	48.80	34.16	10.64

t'(MIN)	t(MIN)	t/t'	P(psi)	WL(m)	s'(m)
1380.00	11460.00	8.30	49.25	34.48	10.33
1440.00	11520.00	8.00	49.75	34.83	9.98
1500.00	11580.00	7.72	50.00	35.00	9.80
1560.00	11640.00	7.46	50.20	35.14	9.66
1620.00	11700.00	7.22	50.50	35.35	9.45
1680.00	11760.00	7.00	50.60	35.42	9.38
1740.00	11820.00	6.79	50.75	35.53	9.28
1800.00	11880.00	6.60	51.25	35.88	8.93
1860.00	11940.00	6.42	51.25	35.88	8.93
1920.00	12000.00	6.25	51.60	36.12	8.68
1980.00	12060.00	6.09	51.90	36.33	8.47
2040.00	12120.00	5.94	52.25	36.58	8.23
2100.00	12180.00	5.80	52.40	36.68	8.12
2160.00	12240.00	5.67	52.50	36.75	8.05
2220.00	12300.00	5.54	52.75	36.93	7.88
2280.00	12360.00	5.42	53.00	37.10	7.70
2340.00	12420.00	5.31	53.15	37.21	7.60
2400.00	12480.00	5.20	53.35	37.35	7.46
2460.00	12540.00	5.10	53.50	37.45	7.35
2520.00	12600.00	5.00	53.60	37.52	7.28
2580.00	12660.00	4.91	53.75	37.63	7.18
2640.00	12720.00	4.82	54.00	37.80	7.00
2700.00	12780.00	4.73	54.25	37.98	6.83
2760.00	12840.00	4.65	54.50	38.15	6.65
2820.00	12900.00	4.57	54.75	38.33	6.48
2880.00	12960.00	4.50	55.00	38.50	6.30
3120.00	13200.00	4.23	55.25	38.68	6.13
3605.00	13685.00	3.80	56.25	39.38	5.43
4400.00	14480.00	3.29	58.00	40.60	4.20
4440.00	14520.00	3.27	58.10	40.67	4.13
4600.00	14680.00	3.19	58.35	40.85	3.96
5670.00	15750.00	2.78	59.60	41.72	3.08

WELL 4 RECOVERY TEST					
Depth = 301 m			Date : 14.3.95		
t'(MIN)	t(MIN)	t/t'	P(psi)	P(Kg/cm ²)	s'(Kg/cm ²)
0.00	118080.00	0.00	33.00	2.31	2.17
1.00	118081.00	118081.00	34.00	2.38	2.10
2.00	118082.00	59041.00	34.00	2.38	2.10
3.00	118083.00	39361.00	34.50	2.42	2.07
4.00	118084.00	29521.00	34.50	2.42	2.07
5.00	118085.00	23617.00	34.50	2.42	2.07
6.00	118086.00	19681.00	35.00	2.45	2.03
7.00	118087.00	16869.57	35.00	2.45	2.03
8.00	118088.00	14761.00	35.00	2.45	2.03
9.00	118089.00	13121.00	35.00	2.45	2.03
10.00	118090.00	11809.00	35.00	2.45	2.03
12.00	118092.00	9841.00	36.00	2.52	1.96
14.00	118094.00	8435.29	36.00	2.52	1.96
16.00	118096.00	7381.00	37.00	2.59	1.89
18.00	118098.00	6561.00	37.00	2.59	1.89
20.00	118100.00	5905.00	38.00	2.66	1.82
25.00	118105.00	4724.20	38.00	2.66	1.82
30.00	118110.00	3937.00	39.00	2.73	1.75
35.00	118115.00	3374.71	39.00	2.73	1.75
40.00	118120.00	2953.00	40.00	2.80	1.68
45.00	118125.00	2625.00	40.00	2.80	1.68
50.00	118130.00	2362.60	40.00	2.80	1.68
55.00	118135.00	2147.91	40.00	2.80	1.68
60.00	118140.00	1969.00	41.00	2.87	1.61
70.00	118150.00	1687.86	41.00	2.87	1.61
80.00	118160.00	1477.00	41.00	2.87	1.61
90.00	118170.00	1313.00	41.00	2.87	1.61
100.00	118180.00	1181.80	41.00	2.87	1.61
110.00	118190.00	1074.45	41.00	2.87	1.61
120.00	118200.00	985.00	41.00	2.87	1.61
150.00	118230.00	788.20	41.00	2.87	1.61
180.00	118260.00	657.00	41.00	2.87	1.61
300.00	10380.00	34.60	41.00	2.87	1.61
1440.00	11520.00	8.00	47.00	3.29	1.19
2880.00	12960.00	4.50	52.00	3.64	0.84

WELL NO.4

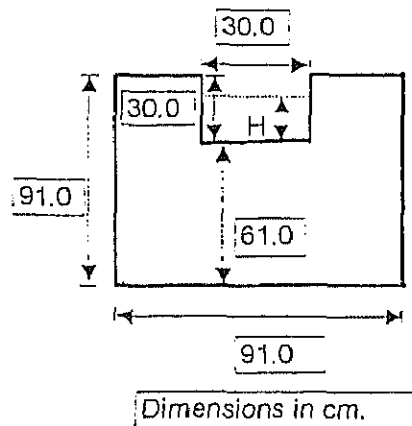
Rating Table for Flow Rate Measurement Using the Weir shown in the Figure.

H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)
1.00	0.04	53.00	6.59	105.00	18.14	157.00	33.03
2.00	0.08	54.00	6.77	106.00	18.40	158.00	33.34
3.00	0.13	55.00	6.96	107.00	18.66	159.00	33.66
4.00	0.18	56.00	7.15	108.00	18.92	160.00	33.98
5.00	0.24	57.00	7.34	109.00	19.18	161.00	34.29
6.00	0.30	58.00	7.53	110.00	19.44	162.00	34.61
7.00	0.37	59.00	7.72	111.00	19.71	163.00	34.93
8.00	0.44	60.00	7.91	112.00	19.97	164.00	35.25
9.00	0.52	61.00	8.11	113.00	20.24	165.00	35.57
10.00	0.60	62.00	8.31	114.00	20.50	166.00	35.89
11.00	0.68	63.00	8.51	115.00	20.77	167.00	36.22
12.00	0.77	64.00	8.71	116.00	21.04	168.00	36.54
13.00	0.86	65.00	8.91	117.00	21.31	169.00	36.87
14.00	0.96	66.00	9.11	118.00	21.58	170.00	37.19
15.00	1.06	67.00	9.32	119.00	21.86	171.00	37.52
16.00	1.16	68.00	9.52	120.00	22.13	172.00	37.85
17.00	1.26	69.00	9.73	121.00	22.41	173.00	38.18
18.00	1.37	70.00	9.94	122.00	22.68	174.00	38.51
19.00	1.48	71.00	10.15	123.00	22.96	175.00	38.84
20.00	1.59	72.00	10.36	124.00	23.24	176.00	39.17
21.00	1.71	73.00	10.58	125.00	23.52	177.00	39.50
22.00	1.83	74.00	10.79	126.00	23.80	178.00	39.83
23.00	1.95	75.00	11.01	127.00	24.08	179.00	40.17
24.00	2.07	76.00	11.23	128.00	24.36	180.00	40.50
25.00	2.20	77.00	11.45	129.00	24.65	181.00	40.84
26.00	2.32	78.00	11.67	130.00	24.93	182.00	41.18
27.00	2.45	79.00	11.89	131.00	25.22	183.00	41.52
28.00	2.59	80.00	12.11	132.00	25.51	184.00	41.85
29.00	2.72	81.00	12.34	133.00	25.79	185.00	42.19
30.00	2.86	82.00	12.57	134.00	26.08	186.00	42.53
31.00	3.00	83.00	12.79	135.00	26.37	187.00	42.88
32.00	3.14	84.00	13.02	136.00	26.67	188.00	43.22
33.00	3.29	85.00	13.26	137.00	26.96	189.00	43.56
34.00	3.43	86.00	13.49	138.00	27.25	190.00	43.91
35.00	3.58	87.00	13.72	139.00	27.55	191.00	44.25
36.00	3.73	88.00	13.96	140.00	27.84	192.00	44.60
37.00	3.89	89.00	14.19	141.00	28.14	193.00	44.95
38.00	4.04	90.00	14.43	142.00	28.44	194.00	45.29
39.00	4.20	91.00	14.67	143.00	28.74	195.00	45.64
40.00	4.36	92.00	14.91	144.00	29.04	196.00	45.99
41.00	4.52	93.00	15.15	145.00	29.34	197.00	46.34
42.00	4.68	94.00	15.39	146.00	29.64	198.00	46.70
43.00	4.84	95.00	15.64	147.00	29.94	199.00	47.05
44.00	5.01	96.00	15.88	148.00	30.25	200.00	47.40
45.00	5.18	97.00	16.13	149.00	30.55	201.00	47.76
46.00	5.35	98.00	16.37	150.00	30.86	202.00	48.11
47.00	5.52	99.00	16.62	151.00	31.17	203.00	48.47
48.00	5.69	100.00	16.87	152.00	31.47	204.00	48.82
49.00	5.87	101.00	17.13	153.00	31.78	205.00	49.18
50.00	6.05	102.00	17.38	154.00	32.09	206.00	49.54
51.00	6.23	103.00	17.63	155.00	32.40	207.00	49.90
52.00	6.41	104.00	17.89	156.00	32.72	208.00	50.26

H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)
209.00	50.62	263.00	71.36
210.00	50.98	264.00	71.77
211.00	51.35	265.00	72.18
212.00	51.71	266.00	72.58
213.00	52.08	267.00	72.99
214.00	52.44	268.00	73.40
215.00	52.81	269.00	73.81
216.00	53.18	270.00	74.22
217.00	53.54	271.00	74.63
218.00	53.91	272.00	75.04
219.00	54.28	273.00	75.46
220.00	54.65	274.00	75.87
221.00	55.02	275.00	76.29
222.00	55.40	276.00	76.70
223.00	55.77	277.00	77.12
224.00	56.14	278.00	77.53
225.00	56.52	279.00	77.95
226.00	56.90	280.00	78.37
227.00	57.27	281.00	78.79
228.00	57.65	282.00	79.21
229.00	58.03	283.00	79.63
230.00	58.41	284.00	80.05
231.00	58.79	285.00	80.47
232.00	59.17	286.00	80.89
233.00	59.55	287.00	81.32
234.00	59.93	288.00	81.74
235.00	60.31	289.00	82.16
236.00	60.70	290.00	82.59
237.00	61.08	291.00	83.02
238.00	61.47	292.00	83.44
239.00	61.85	293.00	83.87
240.00	62.24	294.00	84.30
241.00	62.63	295.00	84.73
242.00	63.02	296.00	85.16
243.00	63.41	297.00	85.59
244.00	63.80	298.00	86.02
245.00	64.19	299.00	86.45
246.00	64.58	300.00	86.89
247.00	64.97		
248.00	65.37		
249.00	65.76		
250.00	66.16		
251.00	66.55		
252.00	66.95		
253.00	67.35		
254.00	67.74		
255.00	68.14		
256.00	68.54		
257.00	68.94		
258.00	69.35		
259.00	69.75		
260.00	70.15		
261.00	70.55		
262.00	70.96		

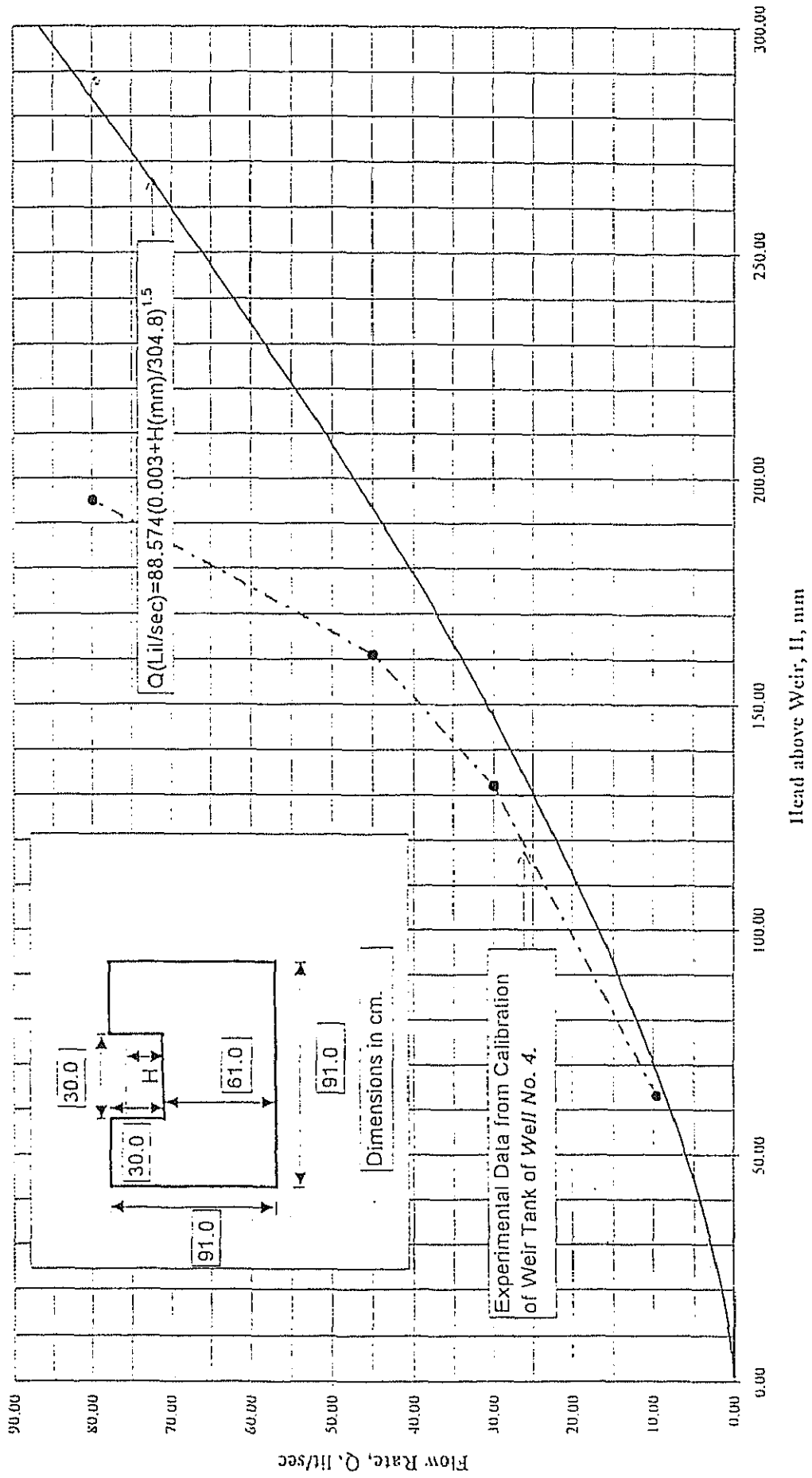
H(mm)*	Q(lit/sec)*
63.00	9.60
132.00	30.00
161.00	45.00
195.00	80.00

Experimental Data from Calibration of Weir Tank of Well No. 4.



Dimensions in cm.

WELL NO.4 Rating Curve for Measuring Flow Rate by Weir



Well 5 Step Drawdown Pumping Test

Depth: 395m

Step: One

Type of Well: Flowing

Date: 17.01.95

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Discharge Rate(l/sec)	Weir Tank Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
0.00	107.00	0.00	0.00	0.00	0
1.00	99.00	5.60	50.00	61.12	5280.346
2.00	98.00	6.30	50.00	61.12	5280.346
3.00	98.00	6.30	50.00	61.12	5280.346
4.00	97.50	6.65	50.00	60.60	5235.639
5.00	97.00	7.00	50.00	60.60	5235.639
6.00	97.00	7.00	50.00	60.60	5235.639
8.00	97.00	7.00	50.00	60.60	5235.639
10.00	97.00	7.00	50.00	61.12	5280.346
15.00	97.00	7.00	50.00	60.60	5235.639
20.00	96.50	7.35	49.26	60.08	5191.059
25.00	96.50	7.35	49.50	60.08	5191.059
30.00	96.00	7.70	49.26	60.08	5191.059
40.00	96.00	7.70	49.75	60.60	5235.639
50.00	95.50	8.05	49.02	60.08	5191.059
60.00	95.50	8.05	49.26	60.60	5235.639
90.00	95.50	8.05	49.02	60.60	5235.639
120.00	95.50	8.05	49.02	60.60	5235.639

Average Discharge Rate= 5235.6686 m³/day

Well 5 Step Drawdown Pumping Test

Depth: 395m

Step: Two

Type of Well: Flowing

Date: 17.01.95

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Discharge Rate(l/sec)	Weir Tank Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
120.00	95.50	8.05	49.02	60.60	5235.84
121.00	86.00	14.70	70.42	80.69	6971.482
122.00	86.00	14.70	70.92	80.69	6971.482
123.00	86.00	14.70	70.92	80.69	6971.482
124.00	85.70	14.91	70.92	80.69	6971.482
125.00	85.50	15.05	70.42	80.69	6971.482
126.00	85.50	15.05	70.92	81.26	7020.655
128.00	85.00	15.40	71.43	81.26	7020.655
130.00	84.50	15.75	71.43	80.69	6971.482
135.00	84.50	15.75	71.43	80.12	6922.425
140.00	84.00	16.10	71.43	80.12	6922.425
145.00	84.00	16.10	71.43	80.12	6922.425
150.00	84.00	16.10	70.92	80.69	6971.482
160.00	83.50	16.45	70.92	80.69	6971.482
170.00	83.50	16.45	70.42	80.69	6971.482
180.00	83.00	16.80	70.42	80.69	6971.482
210.00	83.00	16.80	70.92	80.69	6971.482
240.00	83.00	16.80	71.43	80.69	6971.482

Average Discharge Rate= 6968.6103 m³/day

Well 5 Step Drawdown Pumping Test

Depth: 395m

Step: Three

Type of Well: Flowing

Date: 17.01.95

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Discharge Rate(l/sec)	Weir Tank Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
240.00	83.00	16.80	71.43	80.69	6971.616
241.00	80.00	18.90	75.76	90.54	7822.883
242.00	79.50	19.25	75.76	90.54	7822.883
243.00	79.20	19.46	75.76	90.54	7822.883
244.00	79.10	19.53	75.76	90.54	7822.883
245.00	79.00	19.60	75.76	90.54	7822.883
246.00	79.00	19.60	75.76	90.54	7822.883
248.00	79.00	19.60	75.76	90.54	7822.883
250.00	79.00	19.60	75.76	90.54	7822.883
255.00	78.80	19.74	75.76	90.54	7822.883
260.00	78.60	19.88	75.76	90.54	7822.883
265.00	78.40	20.02	73.53	90.54	7822.883
270.00	78.00	20.30	75.76	90.54	7822.883
280.00	77.70	20.51	74.63	90.54	7822.883
290.00	77.30	20.79	74.63	90.54	7822.883
300.00	77.00	21.00	76.92	90.54	7822.883
330.00	77.00	21.00	76.92	90.54	7822.883
360.00	77.00	21.00	76.92	90.54	7822.883

Average Discharge Rate= 7822.8832 m³/day

Well 5 Step Drawdown Pumping Test

Depth: 395m

Step: Four

Type of Well: Flowing

Date: 17.01.95

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Discharge Rate(l/sec)	Weir Tank Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
360.00	77.00	21.00	76.92	90.54	7822.656
361.00	68.00	27.30	90.91	98.33	8495.667
362.00	68.00	27.30	90.91	98.33	8495.667
363.00	67.50	27.65	90.91	97.72	8443.26
364.00	67.30	27.79	90.91	97.72	8443.26
365.00	67.00	28.00	90.91	98.94	8548.182
366.00	66.80	28.14	90.91	98.33	8495.667
368.00	66.50	28.35	90.91	98.94	8548.182
370.00	66.00	28.70	90.91	98.33	8495.667
375.00	65.00	29.40	90.91	98.33	8495.667
380.00	64.50	29.75	90.91	97.72	8443.26
385.00	64.00	30.10	90.91	97.72	8443.26
390.00	63.70	30.31	90.91	97.72	8443.26
400.00	63.50	30.45	90.91	98.94	8548.182
410.00	63.30	30.59	90.91	98.94	8548.182
420.00	63.00	30.80	90.91	98.33	8495.667
450.00	62.20	31.36	90.91	98.33	8495.667
480.00	61.50	31.85	90.91	98.33	8495.667

Average Discharge Rate= 8492.6096 m³/day

Well 5 Step Drawdown Pumping Test

Depth: 395m

Step: Five

Type of Well: Flowing

Date: 17.01.95

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Flowmeter Discharge Rate(l/sec)	Weir Tank Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
480.00	61.50	31.85	90.91	98.33	8495.712
481.00	53.00	37.80	100.00	115.17	9950.77
482.00	52.00	38.50	98.04	114.53	9895.521
483.00	51.50	38.85	98.04	114.53	9895.521
484.00	51.50	38.85	98.04	114.53	9895.521
485.00	51.50	38.85	98.04	114.85	9923.133
486.00	51.50	38.85	98.04	115.17	9950.77
488.00	51.50	38.85	99.01	114.53	9895.521
490.00	51.10	39.13	98.04	115.17	9950.77
495.00	50.80	39.34	98.04	115.17	9950.77
500.00	50.25	39.73	98.04	114.53	9895.521
505.00	50.15	39.80	98.04	114.53	9895.521
510.00	50.00	39.90	97.09	115.17	9950.77
520.00	50.00	39.90	97.09	115.17	9950.77
530.00	50.00	39.90	97.09	115.17	9950.77
540.00	50.00	39.90	97.09	114.53	9895.521
570.00	49.50	40.25	95.79	113.89	9840.376
600.00	49.50	40.25	93.98	113.89	9840.376

Average Discharge Rate= 9913.407 m³/day

Well 5 CONSTANT RATE PUMPING TEST

Depth=395m

Type of Well : Flowing

Date	T(min)	P(psi)	DD(m)	Discharge Rate(m ³ /d)		Spec.Cap. m ² /day	Discharge Rate(Field)	
				Weir tank	Flowmeter		309mm-over weir	Flowmeter(s/500L)
19.01.95	0	107.00	0:00					
	1	75.00	22.40	6582.28	6306.57	293.85	105.00	6.85
	2	74.00	23.10	6486.15	6813.88	280.79	107.00	6.34
	3	73.00	23.80	6342.84	6760.56	266.51	110.00	6.39
	4	72.50	24.15	6486.15	6739.47	268.58	107.00	6.41
	5	72.00	24.50	6678.88	6846.28	272.61	103.00	6.31
	6	72.00	24.50	6438.26	6739.47	262.79	108.00	6.41
	7	72.00	24.50	6727.36	6615.62	274.59	102.00	6.53
	8	72.00	24.50	6390.49	6666.67	260.84	109.00	6.48
	9	71.50	24.85	6534.15	6750.00	262.94	106.00	6.40
	10	71.50	24.85	6486.15	6803.15	261.01	107.00	6.35
	12	71.50	24.85	6775.95	6506.02	272.67	101.00	6.64
	14	71.00	25.20	6438.26	6615.62	255.49	108.00	6.53
	16	71.00	25.20	6727.36	6676.97	266.96	102.00	6.47
	18	70.50	25.55	6534.15	6771.16	255.74	106.00	6.38
	20	70.00	25.90	6486.15	6803.15	250.43	107.00	6.35
	25	69.50	26.25	6438.26	6846.28	245.27	108.00	6.31
	30	69.00	26.60	6438.26	6555.39	242.04	108.00	6.59
	35	68.50	26.95	6486.15	6781.79	240.67	107.00	6.37
	40	68.00	27.30	6486.15	6868.04	237.59	107.00	6.29
	45	67.00	28.00	6390.49	6887.31	228.23	109.00	6.46
	50	67.00	28.00	6582.28	6760.56	235.08	105.00	6.39
	55	66.50	28.35	6486.15	6739.47	228.79	107.00	6.41
	60	66.00	28.70	6534.15	6868.04	227.67	106.00	6.29
	70	65.50	29.05	6486.15	6803.15	223.28	107.00	6.35
	80	65.00	29.40	6438.26	6428.57	218.99	108.00	6.72
	90	65.00	29.40	6390.49	6325.04	217.36	109.00	6.83
	100	64.50	29.75	6390.49	6486.49	214.81	109.00	6.66
	110	64.50	29.75	6438.26	6400.00	216.41	108.00	6.75
	120	64.00	30.10	6438.26	6718.51	213.90	108.00	6.43
	150	63.30	30.59	6390.49	6371.68	208.91	109.00	6.78
	180	62.50	31.15	6438.26	6419.02	206.69	108.00	6.73
	210	62.00	31.50	6438.26	6555.39	204.39	108.00	6.59
	240	62.00	31.50	6438.26	6615.62	204.39	108.00	6.53
	300	61.00	32.20	6678.88	6535.55	207.42	103.00	6.61
	360	60.00	32.90	6534.15	6371.68	198.61	106.00	6.78
	420	59.50	33.25	6486.15	6687.31	195.07	107.00	6.46
	480	58.50	33.95	6630.52	6760.56	195.30	104.00	6.39
20.01.95	540	57.50	34.65	6438.26	6813.88	185.81	108.00	6.34
	600	56.50	35.35	6390.49	6666.67	180.78	109.00	6.48
	660	55.00	36.40	6342.84	6739.47	174.25	110.00	6.41
	720	54.50	36.75	6342.84	6625.77	172.59	110.00	6.52
	780	54.00	37.10	6295.31	6467.07	169.68	111.00	6.68
	840	53.00	37.80	6390.49	6438.15	169.06	109.00	6.71
	900	52.00	38.50	6247.89	6585.37	162.28	112.00	6.56
	960	51.00	39.20	6295.31	6545.45	160.59	111.00	6.60
	1020	50.00	39.90	6153.43	6656.39	154.22	114.00	6.49
	1080	48.00	41.30	6295.31	6676.97	152.43	111.00	6.47
	1140	47.00	42.00	6438.26	6666.67	153.29	108.00	6.48
	1200	46.00	42.70	6247.89	6666.67	146.32	112.00	6.48
	1260	44.70	43.61	6200.60	6585.37	142.18	113.00	6.56

Date	T(min)	P(psi)	DD(m)	Discharge Rate(m ³ /d)		Spec.Cap. m ² /day	Discharge Rate(Field)	
				Weir tank	Flowmeter		309mm-over weir	Flowmeter(s/500L)
	1320	44.50	43.75	6200.60	6555.39	141.73	113.00	6.59
	1380	44.00	44.10	6342.84	6575.34	143.83	110.00	6.57
	1440	43.00	44.80	6295.31	6515.84	140.52	111.00	6.63
	1500	42.50	45.15	6438.26	6545.45	142.60	108.00	6.60
	1560	41.00	46.20	6390.49	6467.07	138.32	109.00	6.68
	1620	40.00	46.90	6200.60	6535.55	132.21	113.00	6.61
	1680	40.00	46.90	6200.60	6535.55	132.21	113.00	6.61
	1740	39.50	47.25	6247.89	6419.02	132.23	112.00	6.73
	1800	39.00	47.60	6153.43	6371.68	129.27	114.00	6.78
	1860	38.50	47.95	6390.49	6476.76	133.27	109.00	6.67
	1920	38.00	48.30	6200.60	6615.62	128.38	113.00	6.53
21.01.95	1980	37.60	48.58	6106.38	6666.67	125.70	115.00	6.48
	2040	37.10	48.93	6059.44	6419.02	123.84	116.00	6.73
	2100	36.70	49.21	6438.26	6343.61	130.83	108.00	6.81
	2160	36.30	49.49	6486.15	6306.57	131.06	107.00	6.85
	2220	35.90	49.77	6390.49	6362.30	128.40	109.00	6.79
	2280	35.30	50.19	6200.60	6334.31	123.54	113.00	6.82
	2340	35.00	50.40	6106.38	6381.09	121.16	115.00	6.77
	2400	34.60	50.68	6200.60	6297.38	122.35	113.00	6.86
	2460	34.00	51.10	6153.43	6251.81	120.42	114.00	6.91
	2520	33.60	51.38	6059.44	6206.90	117.93	116.00	6.96
	2580	29.00	54.60	6630.52	6781.79	121.44	104.00	6.37
	2640	28.50	54.95	6582.28	6615.62	119.79	105.00	6.53
	2700	28.00	55.30	6534.15	6687.31	118.16	106.00	6.46
	2760	28.00	55.30	6438.26	6956.52	116.42	108.00	6.21
	2820	28.00	55.30	6486.15	6676.97	117.29	107.00	6.47
	2880	27.80	55.44	6534.15	6615.62	117.86	106.00	6.53
	2940	27.80	55.44	6438.26	6506.02	116.13	108.00	6.64
	3000	27.50	55.65	6342.84	6400.00	113.98	110.00	6.75
	3060	27.50	55.65	6342.84	6371.68	113.98	110.00	6.78
	3120	27.00	56.00	6295.31	6362.30	112.42	111.00	6.79
	3180	27.00	56.00	6295.31	6362.30	112.42	111.00	6.79
	3240	26.75	56.18	6295.31	6352.94	112.07	111.00	6.80
	3300	26.50	56.35	6247.89	6343.61	110.88	112.00	6.81
	3360	26.25	56.53	6247.89	6325.04	110.53	112.00	6.83
22.01.95	3420	26.00	56.70	6200.60	6297.38	109.36	113.00	6.86
	3480	26.00	56.70	6153.43	6288.21	108.53	114.00	6.87
	3540	25.75	56.88	6059.44	6288.21	106.54	116.00	6.87
	3600	25.50	57.05	6059.44	6260.87	106.21	116.00	6.90
	3660	25.25	57.23	6059.44	6251.81	105.89	116.00	6.91
	3720	25.00	57.40	6059.44	6233.77	105.57	116.00	6.93
	3780	24.75	57.58	6012.63	6215.83	104.43	117.00	6.95
	3840	24.40	57.82	6012.63	6171.43	103.99	117.00	7.00
	3900	24.00	58.10	5965.94	6008.34	102.68	118.00	7.19
	3960	19.00	61.60	6438.26	6545.45	104.52	108.00	6.60
	4020	18.50	61.95	6295.31	6545.45	101.62	111.00	6.60
	4080	18.50	61.95	6438.26	6457.40	103.93	108.00	6.69
	4140	18.50	61.95	6295.31	6447.76	101.62	111.00	6.70
	4200	18.00	62.30	6342.84	6288.21	101.81	110.00	6.87
	4260	17.70	62.51	6390.49	6352.94	102.23	109.00	6.80
	4320	17.20	62.86	6390.49	6343.61	101.66	109.00	6.81
	4380	17.00	63.00	6390.49	6371.68	101.44	109.00	6.78
	4440	16.80	63.14	6390.49	6390.53	101.21	109.00	6.76
	4500	16.60	63.28	6390.49	6362.30	100.99	109.00	6.79

WELL 5 RECOVERY TEST

Depth=395 m

Date : 23.01.95

t'(MIN)	t(MIN)	t/t'	P(psi)	WL(m)	s'(m)
0.00	5760.00		35.00	24.50	50.40
1.00	5761.00	5761.00	35.40	24.78	50.12
2.00	5762.00	2881.00	35.80	25.06	49.84
3.00	5763.00	1921.00	36.00	25.20	49.70
4.00	5764.00	1441.00	36.15	25.31	49.60
5.00	5765.00	1153.00	36.30	25.41	49.49
6.00	5766.00	961.00	36.45	25.52	49.39
7.00	5767.00	823.86	36.60	25.62	49.28
8.00	5768.00	721.00	36.80	25.76	49.14
9.00	5769.00	641.00	37.00	25.90	49.00
10.00	5770.00	577.00	37.20	26.04	48.86
12.00	5772.00	481.00	37.40	26.18	48.72
14.00	5774.00	412.43	37.50	26.25	48.65
16.00	5776.00	361.00	37.75	26.43	48.48
18.00	5778.00	321.00	38.00	26.60	48.30
20.00	5780.00	289.00	38.15	26.71	48.20
25.00	5785.00	231.40	38.30	26.81	48.09
30.00	5790.00	193.00	38.50	26.95	47.95
35.00	5795.00	165.57	38.90	27.23	47.67
40.00	5800.00	145.00	39.40	27.58	47.32
45.00	5805.00	129.00	39.70	27.79	47.11
50.00	5810.00	116.20	40.00	28.00	46.90
55.00	5815.00	105.73	40.40	28.28	46.62
60.00	5820.00	97.00	40.80	28.56	46.34
70.00	5830.00	83.29	41.00	28.70	46.20
80.00	5840.00	73.00	41.50	29.05	45.85
90.00	5850.00	65.00	42.00	29.40	45.50
100.00	5860.00	58.60	42.20	29.54	45.36
110.00	5870.00	53.36	42.35	29.65	45.26
120.00	5880.00	49.00	42.50	29.75	45.15
150.00	5910.00	39.40	43.00	30.10	44.80
180.00	5940.00	33.00	43.50	30.45	44.45
210.00	5970.00	28.43	43.50	30.45	44.45
240.00	6000.00	25.00	44.00	30.80	44.10
300.00	6060.00	20.20	45.00	31.50	43.40
360.00	6120.00	17.00	46.00	32.20	42.70
420.00	6180.00	14.71	47.50	33.25	41.65
480.00	6240.00	13.00	49.00	34.30	40.60
540.00	6300.00	11.67	50.00	35.00	39.90
600.00	6360.00	10.60	51.50	36.05	38.85
660.00	6420.00	9.73	53.00	37.10	37.80
720.00	6480.00	9.00	54.00	37.80	37.10
780.00	6540.00	8.38	55.00	38.50	36.40
840.00	6600.00	7.86	56.00	39.20	35.70
900.00	6660.00	7.40	57.00	39.90	35.00
960.00	6720.00	7.00	58.00	40.60	34.30
1020.00	6780.00	6.65	59.00	41.30	33.60
1080.00	6840.00	6.33	60.00	42.00	32.90
1140.00	6900.00	6.05	60.50	42.35	32.55
1200.00	6960.00	5.80	61.00	42.70	32.20
1260.00	7020.00	5.57	61.40	42.98	31.92
1320.00	7080.00	5.36	61.80	43.26	31.64
1380.00	7140.00	5.17	62.20	43.54	31.36
1440.00	7200.00	5.00	62.50	43.75	31.15

WELL 5 RECOVERY TEST

Depth=395 m			Date : 13.3.95		
t'(MIN)	t(MIN)	t/t'	P(psi)	P(Kg/cm ²)	s'(Kg/cm ²)
0.00	61920.00		55.00	3.85	3.64
1.00	61921.00	61921.00	55.00	3.85	3.64
2.00	61922.00	30961.00	56.00	3.92	3.57
3.00	61923.00	20641.00	56.00	3.92	3.57
4.00	61924.00	15481.00	56.00	3.92	3.57
5.00	61925.00	12385.00	57.00	3.99	3.50
6.00	61926.00	10321.00	57.00	3.99	3.50
7.00	61927.00	8846.71	57.00	3.99	3.50
8.00	61928.00	7741.00	57.00	3.99	3.50
9.00	61929.00	6881.00	57.00	3.99	3.50
10.00	61930.00	6193.00	57.00	3.99	3.50
12.00	61932.00	5161.00	57.00	3.99	3.50
14.00	61934.00	4423.86	57.00	3.99	3.50
16.00	61936.00	3871.00	57.00	3.99	3.50
18.00	61938.00	3441.00	57.50	4.03	3.47
20.00	61940.00	3097.00	57.50	4.03	3.47
25.00	61945.00	2477.80	57.50	4.03	3.47
30.00	61950.00	2065.00	57.50	4.03	3.47
35.00	61955.00	1770.14	58.00	4.06	3.43
40.00	61960.00	1549.00	58.00	4.06	3.43
45.00	61965.00	1377.00	58.00	4.06	3.43
50.00	61970.00	1239.40	58.00	4.06	3.43
55.00	61975.00	1126.82	58.00	4.06	3.43
60.00	61980.00	1033.00	58.00	4.06	3.43
70.00	61990.00	885.57	58.00	4.06	3.43
80.00	62000.00	775.00	58.00	4.06	3.43
90.00	62010.00	689.00	58.00	4.06	3.43
100.00	62020.00	620.20	58.00	4.06	3.43
110.00	62030.00	563.91	58.00	4.06	3.43
120.00	62040.00	517.00	58.00	4.06	3.43
150.00	62070.00	413.80	58.00	4.06	3.43
180.00	62100.00	345.00	58.00	4.06	3.43
210.00	62130.00	295.86	58.00	4.06	3.43
1440.00	63360.00	44.00	62.00	4.34	3.15
2880.00	64800.00	22.50	64.00	4.48	3.01

WELL NO.5

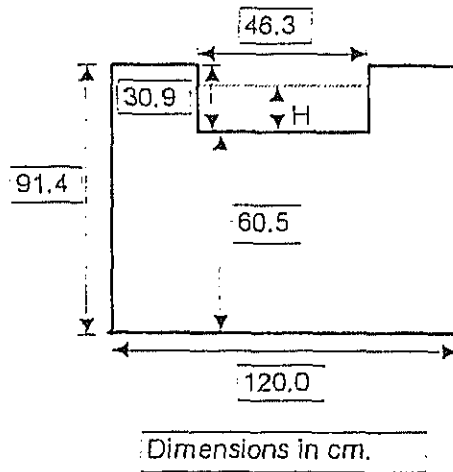
Rating Table for Flow Rate Measurement Using the Weir shown in the Figure.

H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)
1.00	0.07	53.00	10.19	105.00	28.05	157.00	51.07
2.00	0.13	54.00	10.47	106.00	28.45	158.00	51.55
3.00	0.20	55.00	10.76	107.00	28.85	159.00	52.04
4.00	0.28	56.00	11.05	108.00	29.25	160.00	52.53
5.00	0.37	57.00	11.34	109.00	29.65	161.00	53.02
6.00	0.47	58.00	11.64	110.00	30.06	162.00	53.51
7.00	0.57	59.00	11.93	111.00	30.47	163.00	54.00
8.00	0.68	60.00	12.23	112.00	30.88	164.00	54.50
9.00	0.80	61.00	12.54	113.00	31.29	165.00	54.99
10.00	0.93	62.00	12.84	114.00	31.70	166.00	55.49
11.00	1.06	63.00	13.15	115.00	32.11	167.00	55.99
12.00	1.19	64.00	13.46	116.00	32.53	168.00	56.49
13.00	1.34	65.00	13.77	117.00	32.95	169.00	57.00
14.00	1.48	66.00	14.09	118.00	33.37	170.00	57.50
15.00	1.63	67.00	14.40	119.00	33.79	171.00	58.00
16.00	1.79	68.00	14.72	120.00	34.21	172.00	58.51
17.00	1.95	69.00	15.04	121.00	34.64	173.00	59.02
18.00	2.12	70.00	15.37	122.00	35.07	174.00	59.53
19.00	2.29	71.00	15.69	123.00	35.50	175.00	60.04
20.00	2.46	72.00	16.02	124.00	35.93	176.00	60.55
21.00	2.64	73.00	16.35	125.00	36.36	177.00	61.07
22.00	2.82	74.00	16.69	126.00	36.79	178.00	61.58
23.00	3.01	75.00	17.02	127.00	37.23	179.00	62.10
24.00	3.20	76.00	17.36	128.00	37.67	180.00	62.62
25.00	3.39	77.00	17.70	129.00	38.10	181.00	63.14
26.00	3.59	78.00	18.04	130.00	38.55	182.00	63.66
27.00	3.80	79.00	18.38	131.00	38.99	183.00	64.18
28.00	4.00	80.00	18.73	132.00	39.43	184.00	64.71
29.00	4.21	81.00	19.08	133.00	39.88	185.00	65.23
30.00	4.42	82.00	19.43	134.00	40.33	186.00	65.76
31.00	4.64	83.00	19.78	135.00	40.77	187.00	66.29
32.00	4.86	84.00	20.14	136.00	41.23	188.00	66.82
33.00	5.08	85.00	20.49	137.00	41.68	189.00	67.35
34.00	5.31	86.00	20.85	138.00	42.13	190.00	67.88
35.00	5.54	87.00	21.21	139.00	42.59	191.00	68.42
36.00	5.77	88.00	21.57	140.00	43.05	192.00	68.95
37.00	6.01	89.00	21.94	141.00	43.50	193.00	69.49
38.00	6.25	90.00	22.31	142.00	43.96	194.00	70.03
39.00	6.49	91.00	22.68	143.00	44.43	195.00	70.57
40.00	6.73	92.00	23.05	144.00	44.89	196.00	71.11
41.00	6.98	93.00	23.42	145.00	45.36	197.00	71.65
42.00	7.23	94.00	23.80	146.00	45.82	198.00	72.19
43.00	7.49	95.00	24.17	147.00	46.29	199.00	72.74
44.00	7.75	96.00	24.55	148.00	46.76	200.00	73.28
45.00	8.01	97.00	24.93	149.00	47.23	201.00	73.83
46.00	8.27	98.00	25.32	150.00	47.71	202.00	74.38
47.00	8.53	99.00	25.70	151.00	48.18	203.00	74.93
48.00	8.80	100.00	26.09	152.00	48.66	204.00	75.48
49.00	9.07	101.00	26.48	153.00	49.14	205.00	76.04
50.00	9.35	102.00	26.87	154.00	49.62	206.00	76.59
51.00	9.63	103.00	27.26	155.00	50.10	207.00	77.15
52.00	9.90	104.00	27.65	156.00	50.58	208.00	77.70

H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)
209.00	78.26	263.00	110.33
210.00	78.82	264.00	110.96
211.00	79.38	265.00	111.58
212.00	79.95	266.00	112.21
213.00	80.51	267.00	112.85
214.00	81.08	268.00	113.48
215.00	81.64	269.00	114.11
216.00	82.21	270.00	114.75
217.00	82.78	271.00	115.38
218.00	83.35	272.00	116.02
219.00	83.92	273.00	116.66
220.00	84.49	274.00	117.30
221.00	85.07	275.00	117.94
222.00	85.64	276.00	118.58
223.00	86.22	277.00	119.22
224.00	86.80	278.00	119.87
225.00	87.38	279.00	120.51
226.00	87.96	280.00	121.16
227.00	88.54	281.00	121.81
228.00	89.13	282.00	122.45
229.00	89.71	283.00	123.10
230.00	90.30	284.00	123.76
231.00	90.88	285.00	124.41
232.00	91.47	286.00	125.06
233.00	92.06	287.00	125.72
234.00	92.65	288.00	126.37
235.00	93.24	289.00	127.03
236.00	93.84	290.00	127.69
237.00	94.43	291.00	128.34
238.00	95.03	292.00	129.00
239.00	95.63	293.00	129.67
240.00	96.22	294.00	130.33
241.00	96.82	295.00	130.99
242.00	97.43	296.00	131.66
243.00	98.03	297.00	132.32
244.00	98.63	298.00	132.99
245.00	99.24	299.00	133.66
246.00	99.84	300.00	134.33
247.00	100.45	301.00	135.00
248.00	101.06	302.00	135.67
249.00	101.67	303.00	136.34
250.00	102.28	304.00	137.01
251.00	102.89	305.00	137.69
252.00	103.50	306.00	138.36
253.00	104.12	307.00	139.04
254.00	104.73	308.00	139.72
255.00	105.35	309.00	140.40
256.00	105.97		
257.00	106.59		
258.00	107.21		
259.00	107.83		
260.00	108.45		
261.00	109.08		
262.00	109.70		

H(mm)*	Q(lit/sec)*
75.00	12.00
117.00	24.00
184.00	54.00
230.00	98.20

*Experimental Data from Calibration of Weir Tank of Well No. 5..

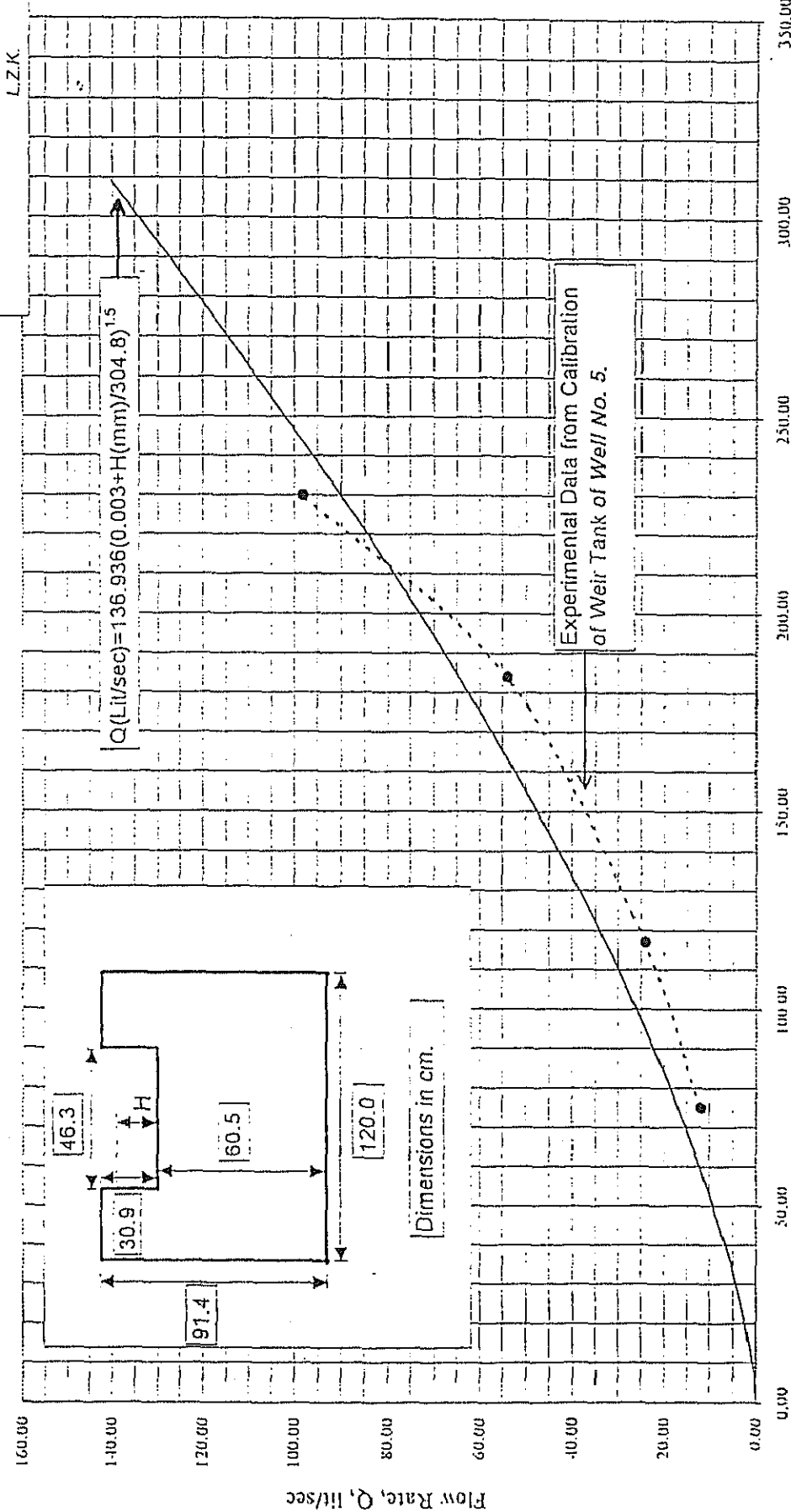


WELL NO. 5

Rating Curve for Measuring Flow Rate by Weir

IMPORTANT:

- Q = 75 lit/sec used for the constant rate pumping test and its analysis.



Head above Weir, H, mm

Well 6 Step Drawdown Pumping Test

Depth: 298 m

Step: One Type of Well: Flowing

Date: 19.02.95

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Weir Tank Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
0.00	97.00	0.00	0.00	0
5.00	82.70	10.01	9.44	815.227
10.00	82.50	10.15	9.44	815.227
15.00	82.30	10.29	9.44	815.227
20.00	82.30	10.29	9.44	815.227
25.00	82.20	10.36	9.44	815.227
30.00	82.20	10.36	9.44	815.227
40.00	82.00	10.50	9.44	815.227
50.00	82.00	10.50	9.16	791.3277
60.00	82.00	10.50	9.16	791.3277
90.00	82.00	10.50	9.16	791.3277
120.00	82.00	10.50	9.16	791.3277
150.00	82.00	10.50	9.16	791.3277
180.00	82.00	10.50	9.16	791.3277
210.00	82.00	10.50	9.16	791.3277
240.00	82.00	10.50	9.16	791.3277

Average Discharge Rate= 802.48069 m³/day

Well 6 Step Drawdown Pumping Test

Depth: 298 m

Step: Two Type of Well: Flowing

Date: 19.02.95

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Weir Tank Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
0.00	82.00	10.50	0.00	0
5.00	81.50	10.85	24.40	2107.867
10.00	81.50	10.85	24.40	2107.867
15.00	81.50	10.85	24.40	2107.867
20.00	81.50	10.85	24.40	2107.867
25.00	81.50	10.85	24.40	2107.867
30.00	81.50	10.85	24.40	2107.867
40.00	81.50	10.85	24.40	2107.867
50.00	81.50	10.85	24.40	2107.867
60.00	81.50	10.85	24.40	2107.867
90.00	81.50	10.85	24.40	2107.867
120.00	81.50	10.85	24.40	2107.867
150.00	81.50	10.85	24.40	2107.867
180.00	81.50	10.85	24.40	2107.867
210.00	81.50	10.85	24.40	2107.867
240.00	81.50	10.85	24.40	2107.867

Average Discharge Rate= 2107.8675 m³/day

Well 6 Step Drawdown Pumping Test

Depth: 298 m

Step: Three Type of Well: Flowing

Date: 19.02.95

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Weir Tank Discharge Rate (l/sec)	Discharge Rate (m ³ /d)
0.00	81.50	10.85	0.00	0
5.00	79.00	12.60	38.90	3361.234
10.00	79.00	12.60	38.90	3361.234
15.00	79.00	12.60	38.90	3361.234
20.00	79.00	12.60	38.90	3361.234
25.00	79.00	12.60	38.90	3361.234
30.00	79.00	12.60	38.90	3361.234
40.00	79.00	12.60	38.90	3361.234
50.00	79.00	12.60	38.90	3361.234
60.00	79.00	12.60	38.90	3361.234
90.00	79.00	12.60	38.90	3361.234
120.00	79.00	12.60	38.90	3361.234
150.00	79.00	12.60	38.90	3361.234
180.00	79.00	12.60	38.90	3361.234
210.00	79.00	12.60	38.90	3361.234
240.00	79.00	12.60	38.90	3361.234

Average Discharge Rate= 3361.2337 m³/day

Well 6 Step Drawdown Pumping Test

Depth: 298 m

Step: Four Type of Well: Flowing

Date: 20.02.95

Time (minute)	Pressure Gauge Reading (psi)	Water Level DrawDown (m)	Weir Tank Discharge Rate (l/sec)	Discharge Rate (m ³ /d)
0.00	79.00	12.60	0.00	0
5.00	70.00	18.90	58.03	5014.014
10.00	70.00	18.90	58.03	5014.014
15.00	70.00	18.90	58.03	5014.014
20.00	70.00	18.90	58.03	5014.014
25.00	70.00	18.90	58.03	5014.014
30.00	70.00	18.90	58.03	5014.014
40.00	70.00	18.90	58.03	5014.014
50.00	70.00	18.90	58.03	5014.014
60.00	70.00	18.90	58.03	5014.014
90.00	70.00	18.90	58.03	5014.014
120.00	70.00	18.90	58.03	5014.014
150.00	70.00	18.90	58.03	5014.014
180.00	70.00	18.90	58.03	5014.014
210.00	70.00	18.90	58.03	5014.014
240.00	70.00	18.90	58.03	5014.014

Average Discharge Rate= 5014.0143 m³/day

Well 6 Step Drawdown Pumping Test

Depth: 298 m

Step: Five Type of Well: Flowing

Date: 20.02.95

Time (minute)	Pressure Gauge Reading (psi)*	Water Level DrawDown (m)	Weir Tank Discharge Rate (L/sec)	Discharge Rate(m ³ /d)
0.00	70.00	18.90	0.00	0
5.00	47.00	35.00	79.55	6873.484
10.00	45.00	36.40	79.55	6873.484
15.00				
20.00	60.00	25.90	55.50	4795.608
25.00				
30.00	62.00	24.50	50.56	4368.647
40.00				
50.00				
60.00				
90.00				
120.00				
150.00				
180.00				
210.00				
240.00				

* Pressure fluctuation at this step as a natural result of open hole behavior under high discharge rate conditions.

Average Discharge Rate= 5727.8058 m³/day

Well 6 CONSTANT RATE PUMPING TEST

Depth=298m

Type of Well:Flowing

Date	T(min)	P(psi)	DD(m)	Discharge Rate(m ³ /d)	Spec.Cap. m ² /day	Discharge Rate(Field) H above weir(mm)
21.2.95	0	99.00	0.00	* Weir tank		
	1	88.00	7.70	4326.68	561.91	154.00
	2	87.00	8.40	4284.86	510.10	153.00
	3	87.00	8.40	4284.86	510.10	153.00
	4	87.00	8.40	4284.86	510.10	153.00
	5	86.00	9.10	4243.17	466.28	152.00
	6	86.00	9.10	4284.86	470.86	153.00
	7	85.00	9.80	4243.17	432.98	152.00
	8	85.00	9.80	4243.17	432.98	152.00
	9	84.00	10.50	4284.86	408.08	153.00
	10	84.00	10.50	4284.86	408.08	153.00
	12	83.00	11.20	4243.17	378.85	152.00
	14	83.00	11.20	4243.17	378.85	152.00
	16	83.00	11.20	4243.17	378.85	152.00
	18	82.50	11.55	4284.86	370.98	153.00
	20	82.50	11.55	4243.17	367.37	152.00
	25	82.00	11.90	4243.17	356.57	152.00
	30	82.00	11.90	4243.17	356.57	152.00
	35	81.00	12.60	4243.17	336.76	152.00
	40	81.00	12.60	4284.86	340.07	153.00
	45	80.00	13.30	4284.86	322.17	153.00
	50	80.00	13.30	4243.17	319.04	152.00
	55	80.00	13.30	4284.86	322.17	153.00
	60	80.00	13.30	4243.17	319.04	152.00
	70	79.00	14.00	4284.86	306.06	153.00
	80	78.50	14.35	4243.17	295.69	152.00
	90	78.00	14.70	4284.86	291.49	153.00
	100	78.00	14.70	4284.86	291.49	153.00
	110	78.00	14.70	4284.86	291.49	153.00
	120	77.50	15.05	4284.86	284.71	153.00
	150	77.00	15.40	4326.68	280.95	154.00
	180	77.00	15.40	4284.86	278.24	153.00
	210	77.00	15.40	4284.86	278.24	153.00
	240	77.00	15.40	4284.86	278.24	153.00
	300	76.00	16.10	4284.86	266.14	153.00
	360	76.00	16.10	4243.17	263.55	152.00
	420	75.00	16.80	4243.17	252.57	152.00
	480	75.00	16.80	4243.17	252.57	152.00
	540	75.00	16.80	4284.86	255.05	153.00
	600	74.50	17.15	4284.86	249.85	153.00
22.2.95	660	74.50	17.15	4284.86	249.85	153.00
	720	74.00	17.50	4284.86	244.85	153.00
	780	74.00	17.50	4284.86	244.85	153.00
	840	74.00	17.50	4284.86	244.85	153.00
	900	73.50	17.85	4284.86	240.05	153.00
	960	73.50	17.85	4243.17	237.71	152.00
	1020	73.00	18.20	4243.17	233.14	152.00
	1080	73.00	18.20	4243.17	233.14	152.00
	1140	72.50	18.55	4284.86	230.99	153.00
	1200	72.50	18.55	4284.86	230.99	153.00
	1260	72.00	18.90	4284.86	226.71	153.00

Date	T(min)	P(psi)	DD(m)	Discharge Rate(m3/d)	Spec.Cap. m2/day	Discharge Rate(Field) H above weir(mm)
				* Weir tank		
	1320	72.00	18.90	4326.68	228.93	154.00
	1380	72.00	18.90	4326.68	228.93	154.00
	1440	72.00	18.90	4284.86	226.71	153.00
	1500	72.00	18.90	4284.86	226.71	153.00
	1560	72.00	18.90	4284.86	226.71	153.00
	1620	71.50	19.25	4243.17	220.42	152.00
	1680	71.50	19.25	4243.17	220.42	152.00
	1740	71.50	19.25	4326.68	224.76	154.00
	1800	71.50	19.25	4284.86	222.59	153.00
	1860	71.00	19.60	4284.86	218.62	153.00
	1920	71.00	19.60	4284.86	218.62	153.00
	1980	71.00	19.60	4326.68	220.75	154.00
	2040	71.00	19.60	4284.86	218.62	153.00
23.2.95	2100	71.00	19.60	4284.86	218.62	153.00
	2160	70.50	19.95	4284.86	214.78	153.00
	2220	70.50	19.95	4243.17	212.69	152.00
	2280	70.50	19.95	4243.17	212.69	152.00
	2340	70.50	19.95	4243.17	212.69	152.00
	2400	70.50	19.95	4284.86	214.78	153.00
	2460	70.00	20.30	4284.86	211.08	153.00
	2520	70.00	20.30	4284.86	211.08	153.00
	2580	69.50	20.65	4284.86	207.50	153.00
	2640	69.50	20.65	4243.17	205.48	152.00
	2700	69.50	20.65	4243.17	205.48	152.00
	2760	69.50	20.65	4243.17	205.48	152.00
	2820	69.00	21.00	4326.68	206.03	154.00
	2880	69.00	21.00	4284.86	204.04	153.00
	2940	69.00	21.00	4284.86	204.04	153.00
	3000	69.00	21.00	4284.86	204.04	153.00
	3060	69.00	21.00	4284.86	204.04	153.00
	3120	68.50	21.35	4284.86	200.70	153.00
	3180	68.50	21.35	4243.17	198.74	152.00
	3240	68.50	21.35	4243.17	198.74	152.00
	3300	68.50	21.35	4284.86	200.70	153.00
	3360	68.50	21.35	4284.86	200.70	153.00
	3420	68.50	21.35	4243.17	198.74	152.00
	3480	68.00	21.70	4243.17	195.54	152.00
24.2.95	3540	68.00	21.70	4243.17	195.54	152.00
	3600	68.00	21.70	4243.17	195.54	152.00
	3660	67.50	22.05	4243.17	192.43	152.00
	3720	67.50	22.05	4243.17	192.43	152.00
	3780	67.50	22.05	4243.17	192.43	152.00
	3840	67.50	22.05	4243.17	192.43	152.00
	3900	67.50	22.05	4284.86	194.32	153.00
	3960	67.00	22.40	4284.86	191.29	153.00
	4020	67.00	22.40	4284.86	191.29	153.00
	4080	67.00	22.40	4243.17	189.43	152.00
	4140	66.50	22.75	4243.17	186.51	152.00
	4200	66.50	22.75	4243.17	186.51	152.00
	4260	65.50	23.45	4243.17	180.95	152.00
	4320	65.50	23.45	4243.17	180.95	152.00
	4380	65.00	23.80	4243.17	178.28	152.00
	4440	65.00	23.80	4243.17	178.28	152.00

WELL 6 RECOVERY TEST

Depth=300 m			Date : 25.2.95		
t'(MIN)	l(MIN)	l/l'	P(psi)	WL(m)	s'(m)
0.00	5760.00		62.00	43.40	25.90
1.00	5761.00	5761.00	88.50	61.95	7.35
2.00	5762.00	2881.00	89.00	62.30	7.00
3.00	5763.00	1921.00	90.00	63.00	6.30
4.00	5764.00	1441.00	90.50	63.35	5.95
5.00	5765.00	1153.00	91.00	63.70	5.60
6.00	5766.00	961.00	91.00	63.70	5.60
7.00	5767.00	823.86	91.50	64.05	5.25
8.00	5768.00	721.00	91.50	64.05	5.25
9.00	5769.00	641.00	92.00	64.40	4.90
10.00	5770.00	577.00	92.00	64.40	4.90
15.00	5775.00	385.00	92.50	64.75	4.55
20.00	5780.00	289.00	93.00	65.10	4.20
25.00	5785.00	231.40	93.00	65.10	4.20
30.00	5790.00	193.00	93.50	65.45	3.85
40.00	5800.00	145.00	94.00	65.80	3.50
50.00	5810.00	116.20	94.50	66.15	3.15
60.00	5820.00	97.00	95.00	66.50	2.80
90.00	5850.00	65.00	95.50	66.85	2.45
120.00	5880.00	49.00	95.50	66.85	2.45
150.00	5910.00	39.40	96.00	67.20	2.10
180.00	5940.00	33.00	96.00	67.20	2.10
240.00	6000.00	25.00	96.50	67.55	1.75
300.00	6060.00	20.20	96.50	67.55	1.75
360.00	6120.00	17.00	97.00	67.90	1.40
420.00	6180.00	14.71	97.00	67.90	1.40
480.00	6240.00	13.00	97.50	68.25	1.05
540.00	6300.00	11.67	97.50	68.25	1.05
600.00	6360.00	10.60	98.00	68.60	0.70
660.00	6420.00	9.73	98.00	68.60	0.70
720.00	6480.00	9.00	98.50	68.95	0.35

WELL NO.6

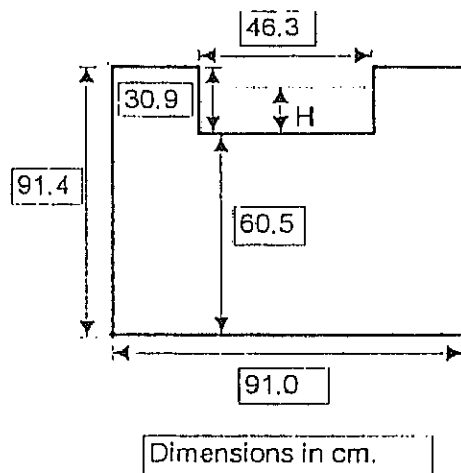
Rating Table for Flow Rate Measurement Using the Weir shown in the Figure.

H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)
1.00	0.07	53.00	10.31	105.00	28.38	157.00	51.67
2.00	0.13	54.00	10.60	106.00	28.78	158.00	52.16
3.00	0.20	55.00	10.89	107.00	29.19	159.00	52.65
4.00	0.28	56.00	11.18	108.00	29.59	160.00	53.15
5.00	0.37	57.00	11.48	109.00	30.00	161.00	53.64
6.00	0.47	58.00	11.77	110.00	30.41	162.00	54.14
7.00	0.58	59.00	12.07	111.00	30.83	163.00	54.64
8.00	0.69	60.00	12.38	112.00	31.24	164.00	55.14
9.00	0.81	61.00	12.68	113.00	31.66	165.00	55.64
10.00	0.94	62.00	12.99	114.00	32.07	166.00	56.15
11.00	1.07	63.00	13.30	115.00	32.49	167.00	56.65
12.00	1.21	64.00	13.62	116.00	32.91	168.00	57.16
13.00	1.35	65.00	13.93	117.00	33.34	169.00	57.67
14.00	1.50	66.00	14.25	118.00	33.76	170.00	58.18
15.00	1.65	67.00	14.57	119.00	34.19	171.00	58.69
16.00	1.81	68.00	14.90	120.00	34.62	172.00	59.20
17.00	1.97	69.00	15.22	121.00	35.05	173.00	59.71
18.00	2.14	70.00	15.55	122.00	35.48	174.00	60.23
19.00	2.31	71.00	15.88	123.00	35.91	175.00	60.75
20.00	2.49	72.00	16.21	124.00	36.35	176.00	61.27
21.00	2.67	73.00	16.55	125.00	36.79	177.00	61.79
22.00	2.86	74.00	16.88	126.00	37.23	178.00	62.31
23.00	3.04	75.00	17.22	127.00	37.67	179.00	62.83
24.00	3.24	76.00	17.56	128.00	38.11	180.00	63.36
25.00	3.43	77.00	17.91	129.00	38.55	181.00	63.88
26.00	3.64	78.00	18.25	130.00	39.00	182.00	64.41
27.00	3.84	79.00	18.60	131.00	39.45	183.00	64.94
28.00	4.05	80.00	18.95	132.00	39.90	184.00	65.47
29.00	4.26	81.00	19.30	133.00	40.35	185.00	66.00
30.00	4.48	82.00	19.66	134.00	40.80	186.00	66.53
31.00	4.69	83.00	20.01	135.00	41.26	187.00	67.07
32.00	4.92	84.00	20.37	136.00	41.71	188.00	67.60
33.00	5.14	85.00	20.73	137.00	42.17	189.00	68.14
34.00	5.37	86.00	21.10	138.00	42.63	190.00	68.68
35.00	5.60	87.00	21.46	139.00	43.09	191.00	69.22
36.00	5.84	88.00	21.83	140.00	43.55	192.00	69.76
37.00	6.08	89.00	22.20	141.00	44.02	193.00	70.31
38.00	6.32	90.00	22.57	142.00	44.48	194.00	70.85
39.00	6.57	91.00	22.94	143.00	44.95	195.00	71.40
40.00	6.81	92.00	23.32	144.00	45.42	196.00	71.94
41.00	7.07	93.00	23.70	145.00	45.89	197.00	72.49
42.00	7.32	94.00	24.08	146.00	46.36	198.00	73.04
43.00	7.58	95.00	24.46	147.00	46.84	199.00	73.59
44.00	7.84	96.00	24.84	148.00	47.31	200.00	74.15
45.00	8.10	97.00	25.23	149.00	47.79	201.00	74.70
46.00	8.37	98.00	25.61	150.00	48.27	202.00	75.26
47.00	8.64	99.00	26.00	151.00	48.75	203.00	75.81
48.00	8.91	100.00	26.39	152.00	49.23	204.00	76.37
49.00	9.18	101.00	26.79	153.00	49.72	205.00	76.93
50.00	9.46	102.00	27.18	154.00	50.20	206.00	77.49
51.00	9.74	103.00	27.58	155.00	50.69	207.00	78.06
52.00	10.02	104.00	27.98	156.00	51.18	208.00	78.62

H(mm)	Q(lit/sec)	H(mm)	Q(lit/sec)
209.00	79.18	263.00	111.63
210.00	79.75	264.00	112.26
211.00	80.32	265.00	112.90
212.00	80.89	266.00	113.54
213.00	81.46	267.00	114.18
214.00	82.03	268.00	114.82
215.00	82.60	269.00	115.46
216.00	83.18	270.00	116.10
217.00	83.75	271.00	116.74
218.00	84.33	272.00	117.39
219.00	84.91	273.00	118.03
220.00	85.49	274.00	118.68
221.00	86.07	275.00	119.33
222.00	86.65	276.00	119.98
223.00	87.24	277.00	120.63
224.00	87.82	278.00	121.28
225.00	88.41	279.00	121.93
226.00	89.00	280.00	122.59
227.00	89.59	281.00	123.24
228.00	90.18	282.00	123.90
229.00	90.77	283.00	124.55
230.00	91.36	284.00	125.21
231.00	91.95	285.00	125.87
232.00	92.55	286.00	126.53
233.00	93.15	287.00	127.20
234.00	93.74	288.00	127.86
235.00	94.34	289.00	128.52
236.00	94.94	290.00	129.19
237.00	95.55	291.00	129.86
238.00	96.15	292.00	130.52
239.00	96.75	293.00	131.19
240.00	97.36	294.00	131.86
241.00	97.97	295.00	132.53
242.00	98.57	296.00	133.21
243.00	99.18	297.00	133.88
244.00	99.79	298.00	134.55
245.00	100.40	299.00	135.23
246.00	101.02	300.00	135.91
247.00	101.63	301.00	136.59
248.00	102.25	302.00	137.26
249.00	102.86	303.00	137.95
250.00	103.48	304.00	138.63
251.00	104.10	305.00	139.31
252.00	104.72	306.00	139.99
253.00	105.34	307.00	140.68
254.00	105.97	308.00	141.36
255.00	106.59	309.00	142.05
256.00	107.22		
257.00	107.84		
258.00	108.47		
259.00	109.10		
260.00	109.73		
261.00	110.36		
262.00	110.99		

H(mm)*	Q(lit/sec)*
64.50	10.91
114.00	26.20
164.00	38.08
179.00	42.95

*Experimental Data from Calibration of Weir Tank of Well No. 6.



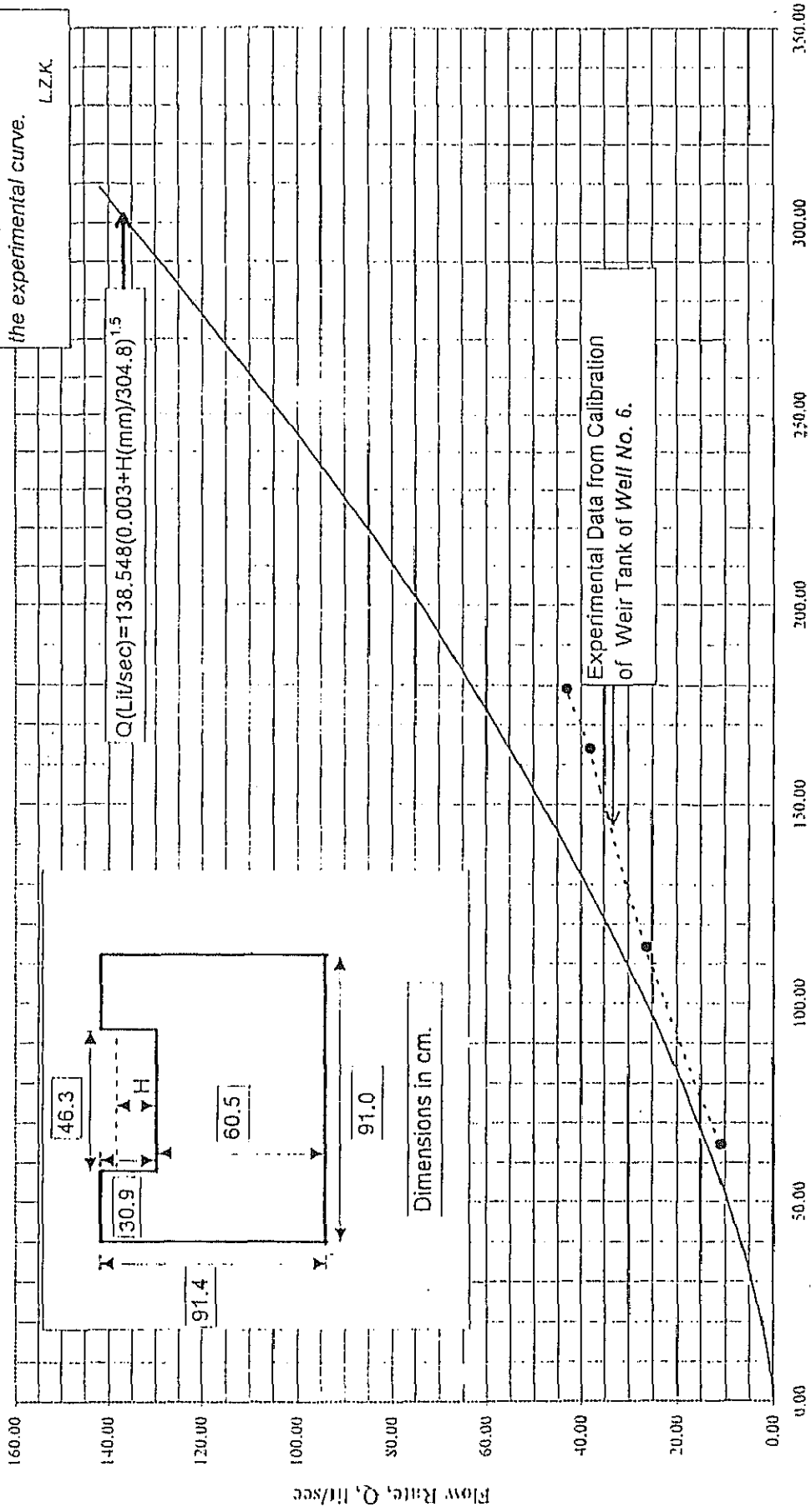
WELL NO. 6

Rating Curve for Measuring Flow Rate by Weir

IMPORTANT:

- Q(exp.) = 35 lit/sec used for the constant rate pumping test and its analysis, obtained from the experimental curve.

L.Z.K.



Flow Rate, Q, lit/sec

Head above Weir, H, mm

