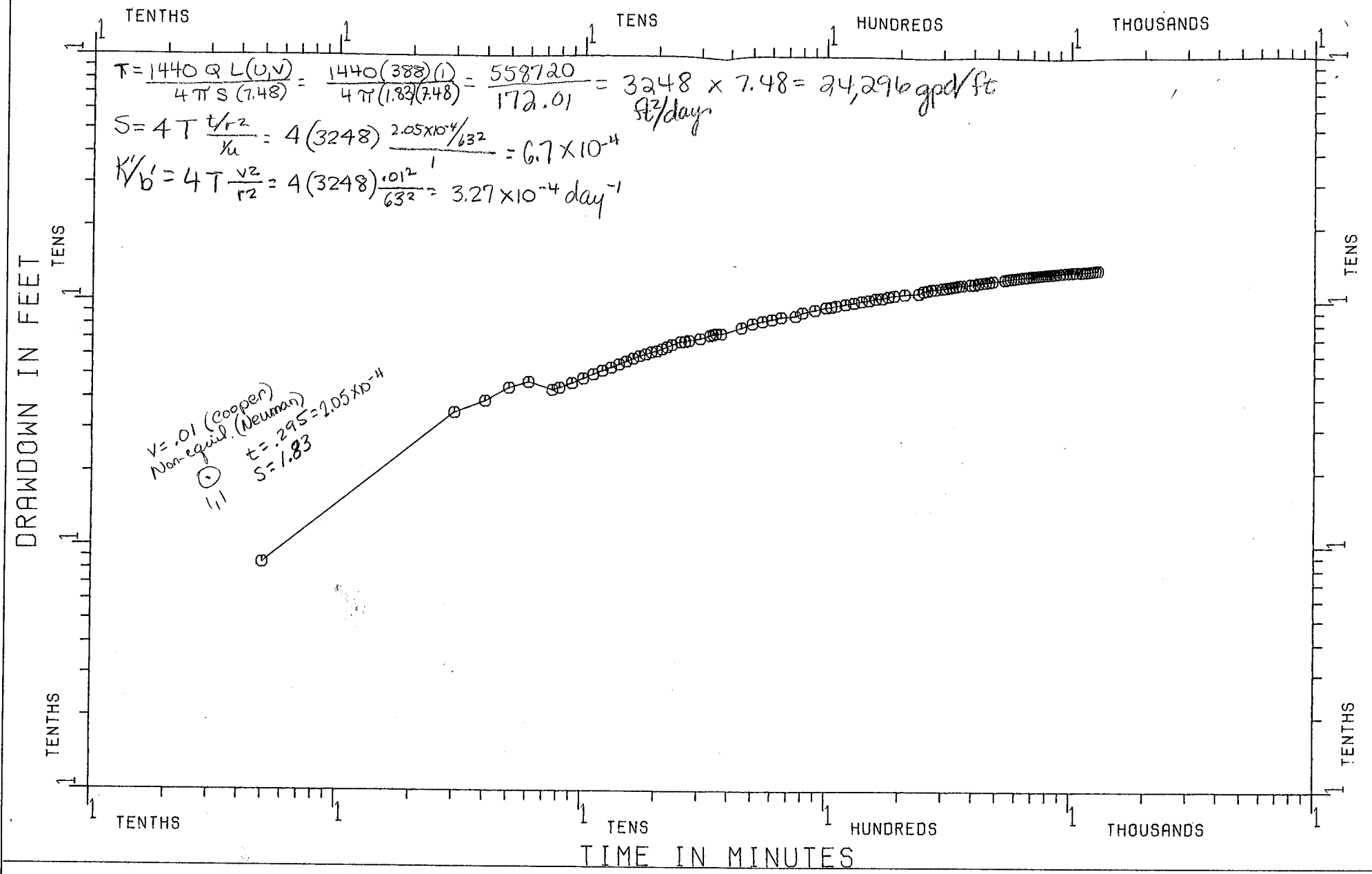


Caper

OBSERVATION WELL: BTW-30BS (DATA LOGGER)

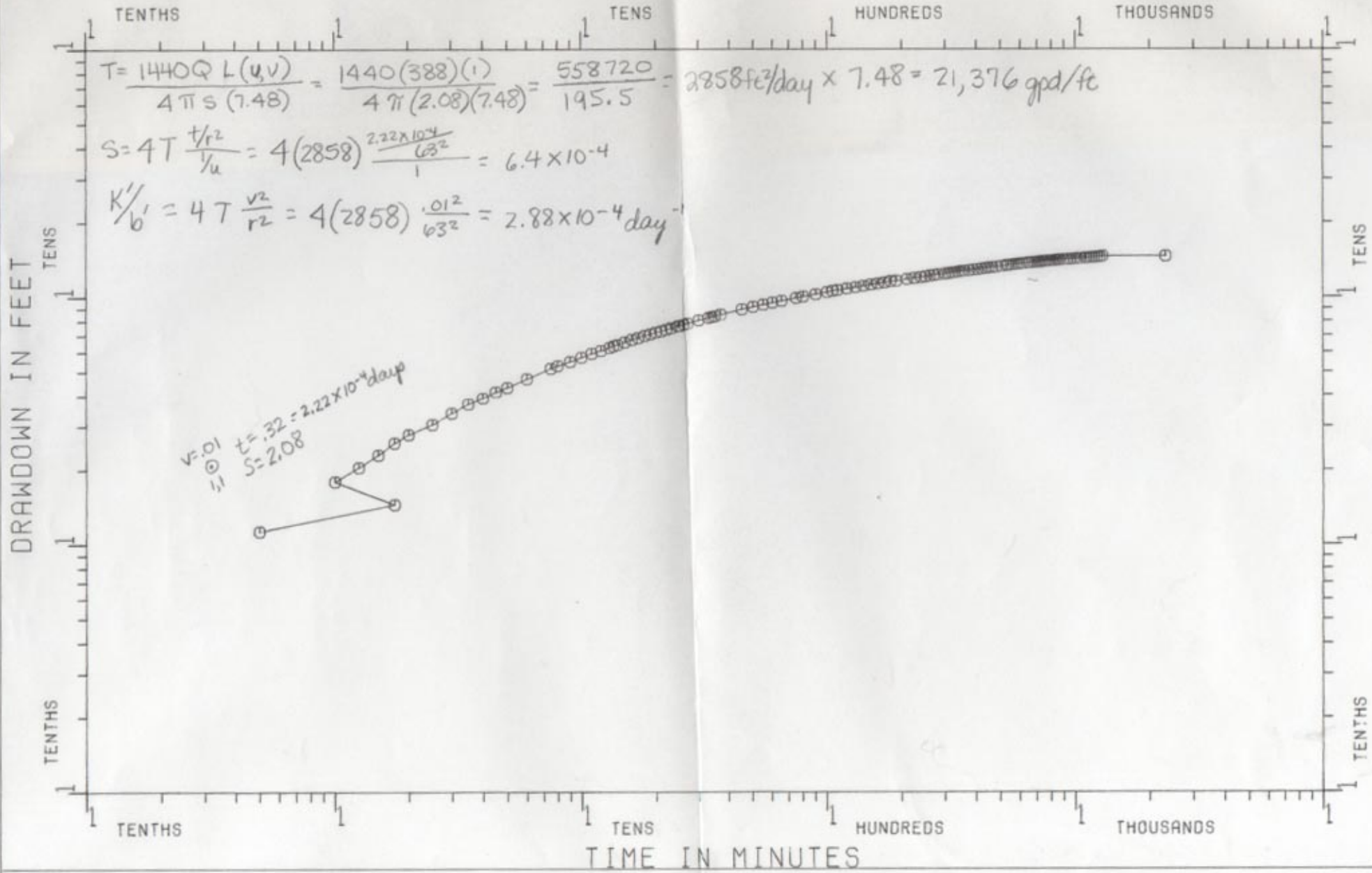
R=63.0 Q= 388



FP&L COAL GASSIFICATION SITE

OBSERVATION WELL: TW-30BS (ELEC. TAPE)

R=63.0 Q= 388



FP&L COAL GASSIFICATION SITE B



AQUIFER PUMPING TEST OBSERVATION WELL

PROJECT RPL MARTINI CC/CC JOB No. 19720-016

TEST TYPE CONSTANT RATE DATE TEST BEGUN 4/18/89
 PUMPING WELL _____ DIST. TO PPG WELL _____ (_____)
 SCREEN DEPTH (____): PPG WELL _____ OBS. WELL _____
 FLOW MEAS. METHOD ORIFICE 4" X 6" PIPE PUMP _____
 PUMPING RATE / HISTORY _____

REFERENCE POINT TOP of 8" PVC PIPE 2' above SS stratic l.c. PUMPING PERIOD 1100 4/18/89 - 0900
 ELEVATION _____ 4/9/89

LOCATION DINA LOBERIC VALUES OBSERVER _____

DINA DOWNS PUMPING WELL BYU-3 ~~DINA~~ DRAWDOWN Sheet of 4

4/18/89
10:51
5:31

TIME (24 HR DAY)	TIME-AFTER PUMP ON (____)	DEPTH-TO WATER (____)	DRAW DOWN (____)	DISCHARGE (____)	TIME (24 HR DAY)	TIME-AFTER PUMP ON (____)	DEPTH-TO WATER (____)	DRAW DOWN (____)	DISCHARGE (____)
10:46	—	55.50							
10:48		55.64		corrected					
10:50		55.64		↓					
10:51	5 min	55.64	00.55.50	00.55.50					3.80
11:00:10	10	46.50	9.0	9.14					
	40s	37.32	17.18	17.32					
	50	37.62	17.88	18.02					
	1 M.0	37.28	18.22	18.36					
	15	38.69	18.85	18.99					
	30	36.98	19.12	19.24					
	40	38.10	19.40	19.54					
	50	35.96	19.54	19.68					
11:02	2	35.82	19.68	19.82					
	15	35.55	19.95	20.09					
	30	35.20	20.30	20.44					
	45	35.15	20.37	20.51					
11:03	3M	34.99	20.51	20.65					
	3 1/2	34.58	20.92	21.06					
	4 1/2	34.09	21.41	21.55					
	5 1/2	33.67		21.97					
11:07	7	33.05		22.39					
30	7 1/2	33.05		22.59					
11:08	8	32.91		22.67					
	8 1/2	32.77		22.87					
11:09	9	32.70		22.94					
	9 1/2	32.50		23.14					
11:10	10	32.59		23.07					
	11	32.36		23.28					
11:12	12	32.15		23.49					

550



AQUIFER PUMPING TEST OBSERVATION WELL BTW-3
PROJECT EPL MARTIN C/CG **JOB No. PUMPING WELL 197M-014**

TEST TYPE CONSTANT RATE DATE TEST BEGUN 4/18/89 - 4/19/89
 PUMPING WELL BTW-3 DIST. TO PPG WELL ()
 SCREEN DEPTH (): PPG WELL OBS. WELL
 FLOW MEAS. METHOD PUMP
 PUMPING RATE / HISTORY

REFERENCE POINT PUMPING PERIOD
 LOCATION DATA LOGGER VALUES ELEVATION
 OBSERVER

PUMPING WELL BTW-3

2 of 4

TIME (24 HR DAY)	TIME-AFTER PUMP ON ()	DEPTH TO WATER ()	DRAW DOWN ()	DISCHARGE ()	TIME (24 HR DAY)	TIME-AFTER PUMP ON ()	DEPTH TO WATER ()	DRAW DOWN ()	DISCHARGE ()
	13	31.67	23.97			41	28.96	26.68	
	14	31.53	24.11			42	28.89	26.75	
	15	31.46	24.18			43	28.96	26.94	26.68
	16	31.32	24.32			44	28.69	26.95	
	17	31.04	24.60			45	28.96	26.68	
	18	30.97	24.67			46	28.75	26.89	
	19	30.90	24.74			47	28.89	26.75	
11:20	20	30.63	25.01			48	28.69	26.95	
	21	30.56	25.08			49	28.62	27.02	
	22	30.49	25.15		11:50	50	28.69	26.95	
	23	30.49	25.15			51	28.62	27.02	
	24	30.49	25.15			52	28.55	27.09	
	25	30.35	25.29			53	28.55	27.09	
	26	30.35	25.29			54	28.20	27.44	
	27	30.07	25.57			55	28.48	27.14	
	28	30.14	25.50			56	28.34	27.3	
	29	29.72	25.92			57	28.20	27.44	
11:30	30	29.72	25.92			58	28.20	27.44	
	31	29.79	25.85			59	28.27	27.37	
	32	29.72	25.92		12:00	60	28.41	27.23	
	33	29.62	26.12		12:05	65	27.92	27.72	
	34	29.59	26.05		12:10	70	27.85	27.79	
	35	29.31	26.33		12:15	75	27.72	27.92	
	36	29.45	26.19		12:20	80	27.51	28.13	
	37	29.38	26.26		12:25	85	27.38	28.26	
	38	29.52	26.12		12:30	90	27.16	28.48	
	39	29.98	26.24		12:35	95	27.09	28.55	
11:40	40	29.03	26.61		12:40	100	27.02	28.62	
	41				12:45	105	26.74	28.90	

2 Turns on valve →



PROJECT EPAL MARTIN 446

JOB No. 19720-016

BTW-3

TEST TYPE CONSTANT RATE DATE TEST BEGUN _____

PUMPING WELL BTW-3 DIST. TO PPG WELL _____ (____)

SCREEN DEPTH (____): PPG WELL _____ OBS. WELL _____

FLOW MEAS. METHOD _____ PUMP _____

PUMPING RATE / HISTORY _____

PUMPING PERIOD _____

REFERENCE POINT _____ ELEVATION _____

LOCATION DATA LOGGER VALUES OBSERVER _____

Pump Test 55.50 static 52.64 static

3 of 4

TIME (24 HR DAY)	TIME-AFTER PUMP ON (____)	DEPTH TO WATER (____)	DRAW DOWN (____)	DISCHARGE (____)	TIME (24 HR DAY)	TIME-AFTER PUMP ON (____)	DEPTH TO WATER (____)	DRAW DOWN (____)	DISCHARGE (____)
12:50	115	26.54	29.13		17:00	360	23.70	31.94	
12:55	115	26.40	29.24		17:10	370	23.83	31.81	
13:00	120	26.26	29.30		17:20	380	23.76	31.85	
13:05	125	26.40	29.29		17:30	390	23.70	31.94	
13:10	130	26.26	29.38		17:45	405	23.56	32.08	
13:15	135	26.19	29.45		18:00	420	22.93	32.71	
13:20	140	26.12	29.52		18:15	435	23.14	32.50	
13:25	145	26.05	29.59		18:30	450	22.93	32.71	
13:30	150	25.84	29.80		18:45	465	22.86	32.78	
13:40	160	25.59	30.07		19:00	480	22.86	32.78	
13:50	170	25.64	30.00		19:15	485	22.66	32.98	
14:00	180	25.43	30.21		19:30	530	22.79	32.85	
14:10	190	25.36	30.28		19:45	525	22.86	32.78	
14:20	200	25.15	30.49		20:00	540	22.45	32.78	33.19
14:30	210	25.08	30.56		20:15	555	22.45	33.19	
14:40	220	24.94	30.70		20:30	570	22.38	33.26	
14:50	230	24.94	30.70		20:45	585	22.45	33.19	
15:10	240	24.87	30.77		21:00	600	22.10	33.54	
15:10	250	24.74	30.90		21:15	615	22.17	33.47	
15:20	260	24.60	31.04		21:30	630	22.17	33.47	
15:30	270	24.53	31.11		21:45	645	22.03	33.61	
15:40	280	24.32	31.32		22:00	660	21.96	33.68	
15:50	290	24.39	31.25		22:15	675	22.10	33.54	
16:00	300	24.25	31.39		22:30	690	22.03	33.61	
16:10	310	23.97	31.67		22:45	705	21.89	33.75	
16:20	320	24.18	31.46		23:00	720	21.89	33.75	
16:30	330	23.82	31.81		23:15	735	21.82	33.82	
16:40	340	23.76	31.88		23:30	750	21.82	33.82	
16:50	350	23.90	31.74		23:45	765	21.82	33.82	

START
LOWERING
BACKLOG →

↑
RPM →

Adv ↑
valv
16:24



CALCULATION SHEET

BEP-2706 Rev. 6/86 (ED-67)

JOB NO. 19726-016	CALC. NO. MARTIN CC/CG	REV. NO.	SHEET NO. 1 of 2
ORIGINATOR B3W-3 AQUIFER TEST	DATE ORIFICE READINGS	CHECKED 4" x 6" ORIFICE	DATE

24"

1	DATE/TIME	IN. ON TUBE	FLOW	DATE/TIME	IN. ON TUBE	FLOW
2	4/15 11:00			4/15 13:20	35 1/4 - 35 1/2	
3	30%	36"		1323-1326	35 1/2 - 36	↑ Adjust
4	11:01	36"		1340	35 1/2 - 36	
5	11:02	35 1/2		1406	35 1/4 - 35 1/2	
6	11:03	35 1/2		1410	35 1/2 - 35 3/4	↑ Adjust
7	11:04	35 1/2		1436	35 1/2 - 35 3/4	
8	11:05	35 1/2		1452	35 1/2	388
9	11:06	35 1/2		1533	35 1/2	↑ Adjust
10	11:07	35 1/2	388	1612	35 1/2	
11	11:08	35 1/2		1620	35 - 35 1/4	
12	11:09	35 1/2		1623	35 1/2	↑ Adjust
13	11:10	35 1/2		1650	35 1/2 - 35 3/4	
14	11:12	35	Value up ↑	1730	35 1/4 - 35 1/2	
15	11:14	35 1/2		1735-37	35 1/2 - 36	↑ Adjust
16	11:16	35 1/2		18:03	35 1/2 - 36	
17	11:18	35 1/2		18:17	35 1/2 - 35 3/4	
18	11:20	35 1/2		18:32	35 1/2 - 36 1/4	
19	11:25	35 1/2		18:46	35 1/2 - 35 3/4	
20	11:28	35	Value up ↑	19:02	35 1/2 - 35 3/4	
21	11:30	35 1/2		19:28	35 3/4	
22	11:35	35 1/2		19:54	35 3/4	↑ Adjust
23	11:40	35 - 35 1/2	VALUE ↑	20:01	35 3/4	
24	11:45	35 - 35 1/4	VALUE ↑	20:16	35 7/8	
25	11:50	35 1/2		20:31	35 7/8	
26	11:55	35 1/2		20:45	35 7/8	
27	12:00	35 1/2		21:02	35 3/4	
28	12:05	35 1/4 - 35 1/2		21:17	35 7/8	
29	12:08	35 1/2		21:46	35 7/8	
30	12:15	35 1/4 - 35 1/2		22:03	35 3/4	
31	12:23	35 - 35 1/4		22:17	35 5/8	
32	12:25	35 1/2		22:31	35 5/8	
33	12:34	35 1/4 - 35 1/2		22:51	35 3/4	↑ Adjust
34	12:40	35 - 35 1/4		23:00	35 3/4	
35	12:43	36"		23:15	35 3/4	
36	12:49	35 5/8		23:32	35 3/4	



CALCULATION SHEET

BEP-2786 Rev. 8/86 (ED-87)

JOB NO.	CALC. NO.	REV. NO.	SHEET NO. 2 of 2
ORIGINATOR ORIFICE READINGS	DATE	CHECKED 4" x 6" BTU-3 AQUIFER TEST	DATE

	DATE/TIME	IN. ON TUBE	FLOW (gpm)	DATE/TIME	IN. ON TUBE	FLOW (gpm)
1						
2	23:46	35 5/8				
3	4/19/80 0:08	35 7/8	↑ Adjust			
4	0:17	35 3/4				
5	0:29	35 3/4				
6	0:48	35 3/4				
7	1:01	35 3/4				
8	1:14	35 7/8				
9	1:29	35 7/8				
10	2:06	35 3/4	↑ Adjust			
11	2:29	35 3/4				
12	2:59	35 3/4				
13	3:28	35 3/4				
14	3:59	35 3/4				
15	4:31	36	↑ Adjust			
16	4:58	35 3/4				
17	5:29	35 5/8				
18	5:58	35 5/8				
19	6:29	35 3/4				
20	6:56	35 3/4	↑ Adjust			
21	7:28	35 3/4				
22	8:02	35 3/4				
23	8:35	35 3/4				
24	0857	35 7/8				
25	0900	Pump off				
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						

Pumping

	AQUIFER RECOVERY TEST	CONFINED WELL #3
	PROJECT <u>FPL MARTIN CC/CC</u>	JOB NO. <u>19720-016</u>

SCREENED INTERVAL (FT.) _____ TO _____ PUMPING WELL BTW-1
 MEASURING POINT TOP OF 2" PVC PIPE REFERENCE ELEV. (FT. AMSL) _____
 STATIC WATER LEVEL (FT.) _____ AVG. PUMPING RATE (GPM) 388
 PUMPING PERIOD (MIN.) 1320 55.64 DATA LOGGERS VALUES

4/19/89
Pump off

DATE/TIME (24 hr DAY)	TIME AFTER PUMP ON (MIN)	DEPTH TO WATER (FT)	RESIDUAL DRAWDOWN (FT)	TIME SINCE PUMPING STOPPED (MIN)	RATIO		REMARKS
					1/1'	1/1'	
8:59	38.48						M-scope manual
9:00	38.98			0	6/10	21.6	M-scope
9:09	1329 9.0	47.03	12.47	9	148	21.05	CONTRACT NO. 12.61 55.64
9:09:50	1329.5 9.5	43.17	12.33	9.5	140	21.19	12.47
9:10	1330 10	43.31	12.19	10	133	21.37	12.33
9:10:50	1330.5 10.5	43.38	12.12	10.5	127	21.90	12.26
9:11	1331 11.0	43.52	11.98	11	121	21.54	12.12
9:11:50	1331.5 11.5	43.65	11.85	11.5	116	21.67	11.99
9:12	1332 12.0	43.72	11.78	12.0	111	21.74	11.93
9:12:50	1332.5 12.5	43.79	11.71	12.5	107	21.81	11.85
9:13	1333 13.0	43.93	11.57	13	103	21.95	11.71
9:13:50	1333.5 13.5	44.00	11.50	13.5	99	22.02	11.64
9:14	1334 14.0	44.07	11.43	14.0	95	22.09	11.57
9:14:50	1334.5 14.5	44.21	11.29	14.5	92	22.23	11.43
9:15	1335 15.0	44.21	11.29	15	89	22.23	11.43
9:15:50	1335.5 15.5	44.35	11.15	15.5	86	22.37	11.29
9:16	1336 16.0			16	83		
9:16:50	1336.5 16.5	44.49	11.01	16.5	81	22.51	11.15
9:17	1337 17.0	44.55	10.95	17	79	22.57	11.09
9:17:50	1337.5 17.5	44.62	10.88	17.5	76	22.64	11.02
9:18	1338 18.0	44.69	10.81	18	74	22.71	10.95
9:18:50	1338.5 18.5	44.76	10.74	18.5	72	22.78	10.88
9:19	1339 19.0	44.83	10.67	19	70	22.85	10.81
9:19:50	1339.5 19.5	44.90	10.60	19.5	69	22.92	10.74
9:20	1340 20	44.90	10.60	20	67	22.92	(MIN) Realigning
9:21	1341 21	45.04	10.56	21	69	23.06	10.60
9:22	1342 22	45.18	10.32	22	61	23.20	10.46
9:23	1343 23	45.32	10.18	23	58	23.34	10.32
9:24	1344 24	45.39	10.11	24	56	23.41	10.25
9:25	1345 25	45.53	9.97	25	54	23.56	10.11
9:26	1346 26	45.59	9.91	26	52	23.62	10.05
9:27	1347 27	45.73	9.77	27	50	23.76	9.91

SCREENED INTERVAL (FT.) _____ TO _____ PUMPING WELL BTW-3
 MEASURING POINT _____ REFERENCE ELEV. (FT. AMSL) _____
 STATIC WATER LEVEL (FT.) _____ AVG. PUMPING RATE (GPM) _____
 PUMPING PERIOD (MIN.) 1320 DATA LOGGER RECOVERY

DATE/TIME (24 hr DAY)	TIME AFTER PUMP ON (MIN)	DEPTH TO WATER (FT)	RESIDUAL DRAWDOWN (FT)	TIME SINCE PUMPING STOPPED (MIN)	RATIO 1/1 2/2 1/1 3/3	Residual DD REMARKS 55.64 static
9:28	1348	46.80	9.70	28	48	23.83 9.84
9:29	1349	45.87	9.63	29	48.5	23.90 9.77
9:30	1350	45.94	9.56	30	45	23.97 9.70
9:31	1351	46.01	9.49	31	43.6	24.04 9.63
9:32	1352	46.08	9.42	32	42	24.11 9.56
9:33	1353	46.22	9.28	33	41	24.25 9.42
9:34	1354	46.29	9.21	34	40	24.32 9.35
9:35	1355	46.29	9.21	35	39	24.32 9.35
9:36	1356	46.43	9.07	36	38	24.46 9.21
9:37	1357	46.43	9.07	37	37	24.46 9.21
9:38	1358	46.56	8.94	38	36	24.59 9.08
9:39	1359	46.63	8.87	39	35	24.60 9.01
9:40	1360	46.70	8.80	40	34	24.73 8.94
9:41	1361	46.77	8.73	41	33.2	24.80 8.87
9:42	1362	46.77	8.73	42	32.9	24.80 8.87
9:43	1363	46.84	8.66	43	31.7	24.87 8.80
9:44	1364	46.91	8.59	44	32.0	24.94 8.73
9:45	1365	46.98	8.52	45	30.3	25.01 8.66
9:46	1366	46.98	8.52	46	29.7	25.01 8.66
9:47	1367	47.05	8.45	47	29.1	25.08 8.59
9:48	1368	47.12	8.38	48	28.5	25.15 8.52
9:49	1369	47.19	8.31	49	27.9	25.22 8.45
9:50	1370	47.26	8.24	50	27.4	25.29 8.38
9:51	1371	47.26	8.24	51	26.9	25.29 8.38
9:52	1372	47.33	8.17	52	26.4	25.36 8.31
9:53	1373	47.40	8.10	53	25.9	25.43 8.24
9:54	1374	47.40	8.10	54	25.4	25.43 8.24
9:55	1375	47.47	8.03	55	25.0	25.50 8.17
9:56	1376	47.47	8.03	56	24.6	25.50 8.17
9:57	1377	47.53	7.97	57	24.2	25.56 8.11
9:58	1378	47.60	7.90	58	23.8	25.63 8.04
9:59	1379	47.67	7.83	59	23.4	25.70 7.97

BEGHTEL	AQUIFER RECOVERY TEST	OBSERVATION WELL BTO# 3
PROJECT <u>FPL MARTIN C/16</u>		JOB NO. <u>19720-016</u>

SCREENED INTERVAL (FT.) _____ TO _____ PUMPING WELL BTW-3
 MEASURING POINT _____ REFERENCE ELEV. (FT. AMSL) _____
 STATIC WATER LEVEL (FT.) _____ AVG. PUMPING RATE (GPM) _____
 PUMPING PERIOD (MIN.) 1320 DATA LOGGERS

DATE/TIME (24 hr DAY)	TIME AFTER PUMP ON ↑ (MIN)	DEPTH TO WATER (FT)	RESIDUAL DRAWDOWN (FT)	TIME SINCE PUMPING STOPPED ↑ (MIN)	RATIO		REMARKS 55.64 static
					11' E/E'	11' R/R'	
10:00	1380	47.67	7.83	60	23.0	25.70	7.97
10:05	1385	47.88	7.62	65	21.3	25.91	7.76
10:10	1390	48.09	7.41	70	19.9	26.12	7.55
10:15	1395	48.30	7.20	75	18.6	26.34	7.34
10:20	1400	48.44	7.06	80	17.5	26.48	7.20
10:25	1405	48.57	6.93	85	16.5	26.61	7.07
10:30	1410	49.78	6.72	90	15.7	26.82	6.86
10:35	1415	48.92	6.50	95	14.9	26.96	6.72
10:40	1420	48.99	6.41	100	14.2	27.07	6.65
10:45	1425	49.20	6.30	105	13.6	27.24	6.44
10:50	1430	49.27	6.23	110	13.0	27.31	6.37
10:55	1435	49.34	6.16	115	12.5	27.38	6.30
11:00	1440	49.48	6.02	120	12.0	27.57	6.16
11:05	1445	49.61	5.89	125	11.6	27.66	6.03
11:10	1450	49.68	5.92	130	11.1	27.73	5.96
11:15	1455	49.75	5.75	135	10.8	27.80	5.89
11:20	1460	49.89	5.61	140	10.4	27.94	5.75
11:25	1465	49.96	5.54	145	10.1	28.01	5.68
11:30	1470	50.10	5.40	150	9.8	28.15	5.54
11:35	1475	50.17	5.33	155	9.5	28.32	5.37
11:40	1480	50.24	5.26	160	9.2	28.27	5.40
11:45	1485	50.31	5.19	165	9.0	28.35	5.33
11:50	1490	50.38	5.12	170	8.8	28.43	5.26
11:55	1495	50.51	4.99	175	8.5	28.57	5.13
12:00	1500	50.51	4.79	180	8.3	28.57	5.13
12:20	1520	9.90	4.58	200			M/SCOPE
12:31	1531	9.71	4.39	221			
12:41	1541	9.60	4.28	221			
12:51	1551	9.53	4.21	241			
13:00	1560	51.07	4.43	240		4.57	Complete
13:01	1561	9.40	4.08	241			Structure

STARTED
11:32

13:01 - 6.4

TEST TYPE CONSTANT RATE DATE TEST BEGUN 4/18/89 - 4/19/89
 PUMPING WELL B TW - 3 DIST. TO PPG WELL ()
 SCREEN DEPTH (): PPG WELL () OBS. WELL ()
 FLOW MEAS. METHOD () PUMP ()
 PUMPING RATE / HISTORY ()

REFERENCE POINT MARK ON B "PVC CASING 2.0' ABOVE 6.5" PUMPING PERIOD ()
 LOCATION ELECTRIC TAPE READINGS AS BACKUP TO DATA LOGGING ELEVATION ()
ELECTRIC TAPE READINGS DIRECTIONAL & 125 COUNTY OBSERVER ()

TIME (24 HR DAY)	TIME-AFTER PUMP ON ()	DEPTH TO WATER ()	DRAW DOWN ()	DISCHARGE ()	TIME (24 HR DAY)	TIME-AFTER PUMP ON ()	DEPTH TO WATER ()	DRAW DOWN ()	DISCHARGE ()
4/18 0817		5.33'		2388 gpd	1220	1520/200	9.90	4.58	
0939		5.28'			1231	1530/211	9.71	4.39	
1021		5.32			1241	1540/221	9.60	4.28	
1051		5.31			1251	1551/231	9.53	4.21	
1059		5.32			1301	1561/241	9.40	4.08	
1139	29	30.32	25.00		1311	1571/251	9.33	4.01	
		30.49			1321	1581/261	9.23	3.91	
1314	64	32.57	27.19		1337	1580/271	9.15	3.85	
1404	183	34.69	29.37		1341	1600/281	9.03	3.71	
1701	361	36.26	30.94		1351	1611/291	8.98	3.66	
1837	457	36.90	31.58		1401	1620/301	8.87	3.55	
19:33	513	37.21	31.80		1411	1631/311	8.78	3.46	
20:33	573	37.45	32.13		1427	1641/321	8.70	3.38	
21:48	648	37.70	32.38		1431	1651/331	8.63	3.31	
22:32	692	37.81	32.49		1441	1660/340	8.57	3.25	
23:31	751	37.97	32.65		1501	1701/361	8.43	3.11	
4/19 0:31	811	38.12	32.80		1516	1716/376	8.35	3.03	
1:31	871	38.25	32.93		1531	1731/391	8.27	2.92	
2:31	931	38.38	33.06		1546	1746/406	8.17	2.85	
3:31	991	38.42	33.10		1601	1761/421	8.09	2.77	
4:31	1051	38.52	33.20		1616	1776/436	7.98	2.66	
5:31	1111	38.58	33.26		1631	1790/451	7.91	2.59	
6:31	1171	38.64	33.32		1646	1806/466	7.85	2.53	
7:31	1231	38.79	33.47		1701	1821/481	7.77	2.45	
8:31		38.97	33.65		1716	1836/496	7.69	2.37	
0859	1319	38.98	33.66		1731	1851/511	7.64	2.32	
0900	1320	38.98	33.66	PUMP off	1801	1881/541	7.55	2.23	
1047	1427/405	11.40	6.08		1831	1910/570	7.41	2.09	
					1901	1941/601	7.30	1.98	
					1931	1971/631	7.20	1.88	
					2001	2001/661	7.15	1.81	

4/18

START 1100

4/19

	AQUIFER RECOVERY TEST	OBSERVATION WELL <u>B70-3</u>
PROJECT <u>FPH M/M/M/IC/CA</u>		JOB NO. <u>19720-016</u>

SCREENED INTERVAL (FT.) _____ TO _____ PUMPING WELL B70-3
 MEASURING POINT TOP 8" PDC CASING REFERENCE ELEV. (FT. AMSL) _____
 STATIC WATER LEVEL (FT.) 5.32 ^{13:10} AVG. PUMPING RATE (GPM) _____
 PUMPING PERIOD (MIN.) 1300 ^{TOP OF PIPE} 5.22 ^{3:30} ELECTRIC ^{TA/717} 24/2

DATE/TIME (24 hr DAY)	TIME AFTER PUMP ON ↑ (MIN)	DEPTH TO WATER (FT)	RESIDUAL DRAWDOWN (FT)	TIME SINCE PUMPING STOPPED ↑ (MIN)	RATIO ↑/↑	REMARKS
1931	1971	7.20	1.88	431		
2001	2001	7.13	1.81	461	←	
0730		5.95	0.63	1350		
0824		5.92	.60	1410		
0924		5.86	.54	1470		
1012		5.83	.51	1518		

9/20

PUMPING TEST OF BTW-3 OBSERVATION WELL BTW-3obs

ELECTRIC TAPE
READINGS

Land Surface Elev. (Feet) _____ Reference Point Elev. (Feet) _____

Well Depth (Feet) _____ Perforated Interval _____ Aquifer Zone SHALLOW

R.P. of well for test at 6200.0 SURFACE - CASING CUT AT 6.5.

Time and Date	Depth to Water Below Ref. Ft. (Ft.)	Drawdown Water Level Elev. (Ft.)	Remarks	TIME Date	Depth to Water Below Ref. Ft. (Ft.)	Drawdown Water Level Elev. (Ft.)	Remarks
4/16/81 08:10	3.83'			1117/6	10.64	6.84	35.5-36
09:41	3.78'			1118/6	10.77	6.97	388-391 PM
10:23	3.79'			1119/6	10.88	7.08	
START 11:00	3.80'			1120/6	10.99	7.19	
11:00 2.5	4.93	1.13		1121/6	11.07	7.27	
4.5 11.5	5.25	1.45		1122/6	11.18	7.38	
11:01 1	5.60	1.80		1123/6	11.28	7.48	
1.5 1.25	5.85	2.05		1124 30 4.5	11.42	7.62	
3.0 1.5	6.10	2.30		1125 25	11.45	7.65	
4.5 1.25	6.37	2.57		1126 20	11.52	7.72	
11:02 1/2	6.58	2.78		1127 15	11.61	7.81	1129 30.32 PM well
3.0 1.5	6.85	3.05		1128 10	11.85	8.05	
11:03 1/3	7.19	3.39		1129 5	12.03	8.23	
11:03 30 1.5	7.48	3.69		1134 14	12.10	8.30	
11:04 1/4	7.70	3.90		1135 10	12.15	8.35	
11:04 30 1.5	7.94	4.14		1137 15	12.27	8.47	
11:05 5	8.12	4.32		1140 10	12.69	8.89	
11:06 6	8.48	4.68	35.5-36	1150 10	12.90	9.10	
11:07 30 1.5	8.95	5.15	388-391 PM	1155 10	13.09	9.29	
11:08 8	9.08	5.28		1200 10	13.28	9.46	
11:09 9	9.29	5.49		1205 30 1.5	13.43	9.63	
11:10 10	9.51	5.71		1215 15	13.70	9.90	1214 32.51 PM well
11:11 11	9.72	5.92		1220 10	13.82	10.02	
11:12 12	9.88	6.08		1230 10	14.05	10.25	
11:13 13	10.05	6.25	11230 1.40 A	1240 10	14.25	10.45	
11:13 30 1.5	10.14	6.34		1245 10 1.5	14.36	10.56	
11:14 14	10.22	6.42		1250 1200 1.5	14.45	10.65	
11:15 15	10.37	6.57		1300 10	14.61	10.81	
11:16 16	10.52	6.72		1310 10	14.74	10.94	

OBSERVATION WELL BTW-3065

ELECTRIC TAPE
READINGS

Land Surface Elev. (Feet) _____

Reference Point Elev. (Feet) _____

Well Depth (Feet) _____

Perforated Interval _____

Aquifer Zone Shallow

STATIC AT START 3.80'
of colt 4/19

Time and Date	Depth to Water Below Ref. Ft. (Ft.)	Drawdown Water Level Elev. (Ft.)	Remarks	Date	Depth to Water Below Ref. Ft. (Ft.)	Drawdown Water Level Elev. (Ft.)	Remarks
4/18/84 1330/40	14.88	11.08	1325-20 Adj ↑	1999 520	17.20	13.90	
1330/50	15.02	11.22		2000 540	17.23	13.93	
1340/60	15.13	11.33		2015 555	17.28	13.98	
1350/60	15.24	11.44		2030 570	17.33	13.53	
1402/60	15.37	11.57		2045 585	17.36	13.56	
1410/60	15.41	11.61		2100 600	17.40	13.60	
1430/60	15.61	11.81		2115 615	17.44	13.64	
1445/65	15.72	11.92		2145 635	17.50	13.71	
1500/65	15.82	12.02		2200 660	17.54	13.74	
1570/350	15.87	12.07		2215 675	17.58	13.78	
1520/60	15.97	12.17	Adjust 1/100 UP @ 1615	2230 690	17.60	13.80	
1630/50	16.03	12.23		2245 705	17.62	13.82	
1540/60	16.11	12.30		2300 720	17.65	13.85	
1600/60	16.21	12.41		2315 735	17.70	13.90	
1610/60	16.27	12.47		2330 750	17.71	13.91	
1620/60	16.32	12.52	NDJ UP 1/100	2345 765	17.74	13.94	
1630/60	16.37	12.57		2400 780	17.76	13.96	
1640/60	16.44	12.64	4/19/85	2416 796	17.79	13.99	
1650/60	16.50	12.70		2430 810	17.81	14.02	
1700/60	16.53	12.73		047 827	17.85	14.05	
1715/60	16.59	12.79		1100 840	17.86	14.06	
1730/60	16.66	12.86		1115 855	17.88	14.08	
1745/60	16.72	12.92		1130 870	17.90	14.10	
1800/60	16.79	12.99		2100 900	17.93	14.13	
1816/60	16.86	13.06	1812 20.00 3	2130 930	17.97	14.17	
1830/60	16.92	13.12		2100 960	18.00	14.20	
1845/60	16.96	13.16		2130 990	18.02	14.22	
1900/60	17.01	13.21		2100 1020	18.07	14.27	
1926/60	17.11	13.31		430 1050	18.10	14.30	

PROJECT F-241 MARIPIANJOB No. 19720-016

TEST TYPE CONSTANT RATE DATE TEST BEGUN 4/18/82 - 4/19/82
 PUMPING WELL BTW-3 DIST. TO PPG WELL 63.0' ()
 SCREEN DEPTH (): PPG WELL OBS. WELL
 FLOW MEAS. METHOD PUMP
 PUMPING RATE / HISTORY

PUMPING PERIOD

REFERENCE POINT ELEVATION
 LOCATION (TRENDS DATA LOGGER VALVES) OBSERVER

Draw DownData LoggerSheet 1 of 3

TIME (24 HR DAY)	TIME-AFTER PUMP ON ()	DEPTH TO WATER ()	DRAW DOWN ()	DISCHARGE ()	TIME (24 HR DAY)	TIME-AFTER PUMP ON ()	DEPTH TO WATER ()	DRAW DOWN ()	DISCHARGE ()
10:50	—	20.76	1		11:25	25	13.90	6.86	
10:52	M/Scpa	3.80			11:26	26	13.90	6.86	
10:52		20.76			11:27	27	13.81	6.95	
11:00	Pump on				11:28	28	13.72	7.04	
	30	19.91	.85		11:29	29	13.67	7.09	
11:03	3 min	17.25	3.51		11:30	30	13.67	7.09	
11:04	4 min	16.86	3.90		11:31	31	13.58	7.18	
11:05	5 min	16.35	4.41		11:32	32	13.53	7.23	
11:06	6	16.10	4.66		11:33	33	13.44	7.32	
11:07	7	16.35	4.41		11:34	34	13.32	7.40	7.44
	7 1/2	16.42	4.34		11:35	35	13.25	7.47	7.48
11:08	8	16.33	4.43		11:36	36	13.23	7.49	7.53
	8 1/2	16.23	4.53		11:37	37	13.23	7.49	7.53
11:09	9	16.12	4.64		11:38	38	13.14	7.58	7.62
					11:39	39	13.05	7.67	7.71
11:10	10	15.91	4.85		11:40	40	13.02	7.70	7.74
11:11	11	15.70	5.06		11:41	41	12.98	7.74	7.78
11:12	12	15.52	5.24		11:42	42	12.98	7.74	7.78
11:13	13	15.36	5.40		11:43	43	12.88	7.84	88
11:14	14	15.19	5.57		11:44	44	12.86	7.86	90
11:15	15	15.03	5.73		11:45	45	12.84	7.88	92
11:16	16	14.87	5.89		11:46	46	12.84	7.88	92
11:17	17	14.73	6.03		11:47	47	12.77	7.99	
11:18	18	14.64	6.12		11:48	48	12.72	8.09	
11:19	19	14.52	6.24		11:49	49	12.65	8.10	
11:20	20	14.46	6.30		11:50	50	12.58	8.18	
11:21	21	14.34	6.42		11:51	51	12.47	8.28	
11:22	22	14.22	6.54		11:52	52	12.45	8.28	
11:23	23	14.09	6.67		11:53	53	12.42	8.34	



PROJECT FPL MARTIN CC/CC JOB No. 19720-016

TEST TYPE CONSTANT RATE DATE TEST BEGUN 4/18/89-4/18/89

PUMPING WELL BFW-3 DIST. TO PPG WELL 63.0' ()

SCREEN DEPTH (): PPG WELL OBS. WELL

FLOW MEAS. METHOD PUMP

PUMPING RATE / HISTORY

PUMPING PERIOD

REFERENCE POINT ELEVATION

LOCATION OBSERVER

DRAW DOWN DATA LOGGERS Sheet 2 of 3

No
70000
Reading

TIME (24 HR DAY)	TIME-AFTER PUMP ON ()	DEPTH TO WATER ()	DRAW DOWN ()	DISCHARGE ()	TIME (24 HR DAY)	TIME-AFTER PUMP ON ()	DEPTH TO WATER ()	DRAW DOWN ()	DISCHARGE ()
	54	12.45	8.34		14:30	210	9.96	10.81	
	55	12.42	8.34		14:40	220	9.79	10.97	
	56	12.42	8.34		14:50	230	9.77	10.99	
	57	12.38	8.38		15:00	240	9.77	10.99	
	58	12.26	8.50		15:10	250	9.63	11.13	
	59	12.26	8.50	22 m	15:20	260	9.56	11.20	
12:00	60	12.28	8.48		15:30	270	9.44	11.32	
	65	12.10	8.66		15:40	280	9.42	11.34	
	75	11.88	8.78		15:50	290	9.35	11.41	
	80	11.68	9.08		16:00	300	9.30	11.46	
	85	11.57	9.19		16:10	310	9.26	11.50	
	90	11.45	9.31		16:20	320	9.19	11.57	
	95	11.41	9.35		16:30	330	9.14	11.62	
	100	11.20	9.56		16:40	340	9.10	11.66	
	105	11.15	9.61		16:50	350	9.00	11.76	
	110	11.04	9.72		17:00	360	8.98	11.78	
	115	10.99	9.77		17:10	370	8.93	11.83	
13:00	120	10.90	9.86		17:20	380	8.91	11.85	
	125	10.85	9.91		17:30	390	8.87	11.89	
	130	10.76	10.00		17:45	405	8.88	11.95	
	135	10.74	10.02		18:00	420	8.73	12.03	
	140	10.62	10.14		18:15	435	8.66	12.10	
	145	10.57	10.19		18:30	450	8.63	12.17	
13:30	150	10.51	10.25		18:45	465	8.57	12.19	
13:40	160	10.37	10.39		19:05	480	8.50	12.26	
13:50	170	10.32	10.44		19:15	495	8.45	12.31	
14:00	180	10.16	10.60		19:30	510	8.40	12.36	
14:10	190	10.07	10.69		19:45	525	8.36	12.40	
14:20	200	10.00	10.76		20:00	540	8.31	12.45	



AQUIFER PUMPING TEST OBSERVATION WELL

PROJECT FYLL MARCHM C/KG JOB No. 19720-016

TEST TYPE CONSTANT RATE DATE TEST BEGUN 4/18/04 - 4/19/04
 PUMPING WELL _____ DIST. TO PPG WELL 63.0' (_____)
 SCREEN DEPTH (_____) : PPG WELL _____ OBS. WELL _____
 FLOW MEAS. METHOD _____ PUMP _____
 PUMPING RATE / HISTORY _____

_____ PUMPING PERIOD _____
 REFERENCE POINT _____ ELEVATION _____
 LOCATION _____ OBSERVER _____

Monitor well

DATA LOGGERS 3 of 3

*one extra
Reading*

TIME (24 HR DAY)	TIME-AFTER PUMP ON (_____)	DEPTH TO WATER (_____)	DRAW DOWN (_____)	DISCHARGE (_____)	TIME (24 HR DAY)	TIME-AFTER PUMP ON (_____)	DEPTH TO WATER (_____)	DRAW DOWN (_____)	DISCHARGE (_____)
20:15	555	8.24	12.54	✓	5:30	1110	7.89	13.37	✓
20:30	570	8.20	12.56	✓	6:00	1140	7.36	13.40	✓
20:45	585	8.15	12.61	✓	6:30	1170	7.34	13.42	✓
21:00	600	8.13	12.63	✓	7:00	1200	7.32	13.44	✓
21:15	615	8.08	12.68	✓	7:30	1230	7.25	13.51	✓
21:30	630	8.03	12.73	✓	8:00	1260	7.23	13.53	✓
21:45	645	8.01	12.75	✓	8:30	1290	7.20	13.56	✓
22:00	660	7.99	12.77	✓	9:00	1320			
22:15	675	7.94	12.82	✓	9:30	1350			
22:30	690	7.92	12.84	✓	10:00	1380			
22:45	705	7.90	12.86	✓	10:30	1410			
23:00	720	7.85	12.91	✓	11:00	1440			
23:15	735	7.83	12.93	✓					
23:30	750	7.80	12.96	✓					
23:45	765	7.78	12.98	✓					
0:00	780	7.76	13.00	✓					
0:15	795	7.73	13.03	✓					
0:30	810	7.71	13.05	✓					
0:45	825	7.69	13.07	✓					
1:00	840	7.66	13.10	✓					
1:15	855	7.64	13.12	✓					
1:30	870	7.62	13.14	✓					
2:00	900	7.59	13.17	✓					
2:30	930	7.53	13.23	✓					
3:00	960	7.50	13.26	✓					
3:30	990	7.50	13.26	✓					
4:00	1020	7.43	13.33	✓					
4:30	1050	7.41	13.35	✓					
5:00	1080	7.39	13.37	✓					

RECHTEL	AQUIFER (RECOVERY) TEST	OBSERVATION WELL <i>BTW-3</i>
	PROJECT <i>FPL MARTIN CC/C6</i>	JOB NO. <i>19720-016</i>

SCREENED INTERVAL (FT.) _____ TO _____ PUMPING WELL BTW-3

MEASURING POINT *BLACK MARK ON TOP OF CASING* REFERENCE ELEV. (FT. AMSL) _____

STATIC WATER LEVEL (FT.) _____ AVG. PUMPING RATE (GPM) _____

PUMPING PERIOD (MIN.) 1320 *ELECTRIC TAPPE RISERINGS*

*PUMP
off - OFF
0900.10
SW*

DATE/TIME (24 hr DAY)	TIME AFTER PUMP ON (MIN)	DEPTH TO WATER (FT)	RESIDUAL DRAWDOWN (FT)	TIME SINCE PUMPING STOPPED † (MIN)	RATIO 1/1'	REMARKS
0859 ³⁰	1319.5	18.39	14.59			<i>Calculated</i>
0900	1320	18.38 ✓	14.58	0		<i>Recovery</i>
15	1320.25	18.10	14.30 ✓	.25	525 520	0.28 ✓
30	1320.5	17.68	13.88 ✓	.50	269 260	0.70 ✓
45	1320.75	17.33	13.53 ✓	.75	170 161	1.05 ✓
0901	1321	17.02	13.22 ✓	1.0	132 121	1.36 ✓
15	1321.25	16.70	12.9 ✓	1.25	105 104	1.68
30	1321.5	16.49	12.69	1.50	81 80	1.99
45	1321.75	16.27	12.47	1.75	61 55.5	2.11
0902	1322.0	16.00	12.20 ✓	2.0	46 46	2.38 ✓
15	1322.25	15.87	12.07	2.25	38 38	2.51
30	1322.5	15.72	11.92	2.50	29 529	2.66
45	1322.75	15.57	11.77	2.75	21 481	2.81
0903	1323	15.40	11.60 ✓	3.0	14 440 491	2.98 ✓
30	1323.5	15.16	11.36	3.5	7 378	3.22
0904	1324.0	14.92	11.12 ✓	4.0	3 381	3.46 ✓
30	1324.5	14.72	10.92	4.5	2 297	3.66
0905	1325.0	14.51	10.71 ✓	5.0	1 264 265	3.87 ✓
20	1325.5	14.32	10.52	5.5	0 240 291	4.06
0906	1326	14.16	10.36	6.0	0 220 221	4.22
30	1326.5	14.01	10.21	6.5	0 207 204	4.37
0907	1327	13.87	10.07 ✓	7.0	0 180 190	4.51 ✓
30	1327.5	13.72	9.92	7.5	0 174 177	4.66
0908	1328	13.61	9.81	8.0	0 165 166	4.77
30	1328.5	13.48	9.68	8.5	0 150 156	4.90
0909	1329	13.36	9.56	9.0	0 144 148	5.02
30	1329.5	13.26	9.46	9.5	0 130 140	5.13
0910	1330	13.16	9.36 ✓	10.0	0 120 133	5.23
0910 ³⁰	1330.5	13.05	9.25	10.5	0 107 127	5.39
0911	1331	12.96	9.16	11.0	0 100 121	5.43
0911 ³⁰	1331.5	12.87	9.07	11.5	0 114 116	5.52
0912	1332.0	12.80	9.00 ✓	12.0	0 110 111	5.59

	AQUIFER RECOVERY TEST	OBSERVATION WELL <u>BTW-3 old</u>
	PROJECT <u>FPL MATERIAL C/166</u>	JOB NO. <u>19720-016</u>

SCREENED INTERVAL (FT.) _____ TO _____ PUMPING WELL BTW-3
 MEASURING POINT _____ REFERENCE ELEV. (FT. AMSL) _____
 STATIC WATER LEVEL (FT.) _____ AVG. PUMPING RATE (GPM) _____
 PUMPING PERIOD (MIN.) 1320

4/16/89

DATE/TIME (24 hr DAY)	TIME AFTER PUMP ON (MIN)	DEPTH TO WATER (FT)	RESIDUAL DRAWDOWN (FT)	TIME SINCE PUMPING STOPPED † (MIN)	RATIO 1/1'	REMARKS Calc. Rec.
0913	1333	12.63	8.83	13	103 103	5.76
0914	1334	12.47	8.67	14	95 95	5.92
0915	1335	12.34	8.54	15	89 89	6.05
0916	1336	12.22	8.42	16	83.5 83.5	6.17
0917	1337	12.07	8.27	17	79 79	6.32
0918	1338	11.97	8.17	18	74 74	6.42
0919	1339	11.87	8.07	19	70 70	6.52
0920	1340	11.75	7.95	20	67 67	6.64
0921	1341	11.65	7.85	21	64 64	6.74
0922	1342	11.55	7.75	22	61 61	6.84
0923	1343	11.45	7.65	23	58 58	6.94
0924	1344	11.37	7.57	24	56 56	7.02
0925	1345	11.29	7.49	25	54 54	7.10
0926	1346	11.19	7.39	26	52 52	7.20
0927	1347	11.13	7.33	27	50 50	7.26
0928	1348	11.04	7.24	28	48 48	7.36
0929	1349	10.99	7.19	29	46.5 46.5	7.41
0930	1350	10.92	7.12	30	45 45	7.48
0931	1351	10.84	7.04	31	43.6 43.6	7.56
0932	1352	10.79	6.99	32	42.3 42.3	7.61
0933	1353	10.71	6.91	33	41.0 41.0	7.69
0934	1354	10.65	6.85	34	39.8 39.8	7.75
0935	1355	10.61	6.81	35	38.7 38.7	7.79
0936	1356	10.55	6.75	36	37.7 37.7	7.85
0937	1357	10.49	6.69	37	36.7 36.7	7.91
0938	1358	10.44	6.64	38	35.7 35.7	7.96
0939	1359	10.39	6.59	39	34.8 34.8	8.01
0940	1360	10.32	6.52	40	34.0 34.0	8.08
0941	1361	10.28	6.48	41	33.2 33.2	8.12
0942	1362	10.23	6.43	42	32.4 32.4	8.17
0943	1363	10.19	6.39	43	31.7 31.7	8.21
0944	1364	10.15	6.35	44	31.0 31.0	8.25

	AQUIFER RECOVERY TEST	OBSERVATION WELL <u>B7W-306</u>
	PROJECT <u>EPL MARTIN CC/C6</u>	JOB NO. <u>19720-016</u>

SCREENED INTERVAL (FT.) _____ TO _____ PUMPING WELL B7W-3
 MEASURING POINT _____ REFERENCE ELEV. (FT. AMSL) _____
 STATIC WATER LEVEL (FT.) _____ AVG. PUMPING RATE (GPM) 388
 PUMPING PERIOD (MIN.) _____

DATE/TIME (24 hr DAY)	TIME AFTER PUMP ON (MIN)	DEPTH TO WATER (FT)	RESIDUAL DRAWDOWN (FT)	TIME SINCE PUMPING STOPPED (MIN)	RATIO 1/1'	REMARKS
4/19/09 0945	1365	10.10	6.3 ✓	45	20.3 30.3	8.30
0946	1366	10.05	6.25	46	20.7 29.7	8.35
0947	1367	10.01	6.21	47	20.1 20.1	8.40
0948	1368	9.97	6.17	48	20.5 25.5	8.44
0950	1370	9.89	6.09 ✓	50	20.4 27.4	8.52
0952	1372	9.81	6.01	52	20.4 26.4	8.60
0954	1374	9.73	5.93	54	20.4 25.4	8.68
0956	1376	9.66	5.86	56	20.4 24.6	8.75
0958	1378	9.61	5.81	58	20.8 23.8	8.80
1000	1380	9.53	5.73 ✓	60	20.2 23.0	8.88
1002	1382	9.45	5.65	62	20.3 22.3	8.96
1004	1384	9.40	5.60	64	20.6 21.6	9.01
1006	1386	9.34	5.54	66	20.0 21.0	9.08
1008	1388	9.28	5.48	68	19.9 20.4	9.14
1010	1390	9.24	5.44 ✓	70	19.9 19.9	9.18
1015	1395	9.10	5.30	75	19.6 19.6	9.32
1020	1400	8.98	5.18 ✓	80	19.5 17.5	9.44
1025	1405	8.86	5.06	85	19.5 16.5	9.57
1030	1410	8.75	4.95 ✓	90	19.7 15.7	9.68
1035	1415	8.63	4.83	95	19.9 14.9	9.80
1040	1420	8.55	4.75 ✓	100	19.2 14.2	9.88
1045	1425	8.46	4.66	105	19.6 13.6	9.98
1050	1430	8.37	4.57	110	19.2 13.0	10.07
1053 1057	1437	8.26	4.46	117	19.3 12.3	10.18
1100	1440	8.21	4.41 ✓	120	19.0 12.0	10.23
1105	1445	8.12	4.32	125	19.4 11.6	10.33
1110	1450	8.06	4.26	130	19.2 11.2	10.39
1115	1455	7.98	4.18	135	19.5 10.8	10.47
1120	1460	7.91	4.11 ✓	140	19.7 10.4	10.55
1125	1465	7.85	4.05	145	19.7 10.1	10.61
1130	1470	7.80	4.0	150	19.8 9.8	10.66
1135	1475	7.73	3.93	155	19.5 9.5	10.73

RECHTEL	AQUIFER RECOVERY TEST	OBSERVATION WELL <u>BW-3de</u>
	PROJECT <u>FPL MARTIN UICG</u>	JOB NO. <u>19720-01A</u>

SCREENED INTERVAL (FT.) _____ TO _____ PUMPING WELL BW-3
 MEASURING POINT _____ REFERENCE ELEV. (FT. AMSL) _____
 STATIC WATER LEVEL (FT.) 3.80 AVG. PUMPING RATE (GPM) _____
 PUMPING PERIOD (MIN.) _____ 55.64 ELECTRIC METER READINGS

DATE/TIME (24 hr DAY)	TIME AFTER PUMP ON ↑ (MIN)	DEPTH TO WATER (FT)	RESIDUAL DRAWDOWN (FT)	TIME SINCE PUMPING STOPPED ↑ (MIN)	RATIO ↑/↓	REMARKS
1140	1480	7.68	3.88 ✓	160	8.3 9.3	10.79
1145	1485	7.61	3.81	165	8.9 9.0	10.86
1150	1490	7.55	3.75	170	8.5 8.9	10.92
1155	1495	7.51	3.71	175	8.5 8.5	10.96
1200	1500	7.46	3.66 ✓	180	8.3 8.3	11.02
1210	1510	7.36	3.56	190	7.9 7.9	11.12
1220	1520	7.26	3.46 ✓	200	7.6 7.6	11.23
1230	1530	7.12	3.32	210	7.3 7.3	11.37
1240	1540	7.09	3.29	220	7.0 7.0	11.41
1250	1550	7.01	3.21	230	6.7 6.7	11.49
1300	1560	6.92	3.12 ✓	240	6.5 6.5	11.59
1310	1570	6.85	3.05	250	6.3 6.3	11.64 (BW-3 de)
1320	1580	6.77	2.97	260	6.1 6.1	11.75 ↓
1330	1590	6.72	2.92	270	5.9 5.9	11.80 (331 - 8.15)
1340	1600	6.66	2.86 ✓	280	5.7 5.7	11.87 (341 8.03)
1350	1610	6.60	2.80	290	5.6 5.6	11.94 (404/351) 8.98
1400	1620	6.54	2.74	300	5.5 5.5	12.01 (289/401) 8.87
1410	1630	6.47	2.67	310	5.3 5.3	12.08 (244) 8.78
1420	1640	6.42	2.62 ✓	320	5.1 5.1	12.15 (242) 8.70
1430	1650	6.37	2.57	330	5.0 5.0	12.21 (431) 8.63
1440	1660	6.32	2.52	340	4.9 4.9	12.28 (441) 8.57
1500	1680 1690	6.22	2.42 ✓	360	4.7 4.7	12.39 (501) 8.43
1515	1695 1715	6.15	2.35	380	4.5 4.5	12.49 (576) 8.35
1530	1710 1730	6.07	2.27	390	4.9 4.9	12.54 (531) 8.24
1545	1735 1745	6.02	2.22	405	4.3 12.58	1546 8.17
1600	1740 1760	5.96	2.16 ✓	420	7.1 12.65	1601 8.09
1615	1755 1775	5.90	2.1	435	4.0 12.71	1616 7.98
1630	1760 1780	5.84	2.04 ✓	450	3.9 12.78	1631 7.91
1645	1785 1805	5.78	1.98	465	3.8 12.85	1646 7.83
1700	1800 1820	5.73	1.93 ✓	480	3.7 12.91	1701 7.77
1715	1815 1835	5.68	1.88	495	3.6 12.97	1716 7.69
1730	1830 1850	5.65	1.85 ✓	510	3.5 13.00	1731 7.61

