ATTACHMENT C

Extraction Well Development Data

DRAFT

Layne Christensen Company
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Date: 1-26-05 Page 1

Customer: City of S.B. EPA 108 Job No. 27- 9537

Meter 12 X ___ Static level 216.5 Feet Hours/Day 7
Airline depth ___ Feet Total hours ___

Operator: T. Hammond

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments
12:55			216.5		1150		Meter Reading 002301.5 x 100 C.F
:40			218				
:45			218		1250		clear
:50	5.3	300	219	2.5	1250	120	clear
:55	1.06	300	219.2	2.7	1275	111.11	clear
1:00	1.06	600	220.8	4.3	1325	139.53	clear
:05	Trace	550	220.8	4.3	1325	127.90	clear
:10	Trace	550	220.8	4.3	1325	127.90	clear
:15	1.59	1100	224.7	8.2	1425	134.14	clear
:25	1.06	1100	225.0	8.5	1425	129.41	clear
:35	2.12	1500	228.5	12	1550	125	clear
:45	6.36	1750	231	14.5	1750	120.68	clear
:55	5.3	1950	233	16.5	1875	118.18	clear
			Surge x1				
			Resume pump				
:05	4.24	550	220.7	4.2	1325	130.95	clear
:15	1.06	550	220.9	4.4	1325	125	clear
:25	5.3	1100	224.8	8.3	1425	132.53	clear
:30	1.59	1100	224.8	8.3	1425	132.53	clear

Layne Christensen Company
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Date: 1-27-05 Page 2

Customer: City of S.B. EPA 108 Job No. 27- 9537

Meter 12" X gpm/100 Static level 217.8 Feet Airline depth ____ Feet

Hours/Day 2 Total hours 4

Operator: T. Maxwell

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments
815			217.8				
:20	2.12	525	221.5	3.7	1325	141.89	clear
:25	1.06	1000	224.8	7	1475	142.85	clear
:30	.74	1500	228.5	10.7	1625	140.18	clear
:35	2.12	2000	232.5	14.7	1875	136.05	clear
			Surge x1				
:40			Resume pumping				
:45	1.59	1000	225	7.2	1450	138.88	clear
:50	1.06	1500	228.8	11	1625	136.36	clear
:55	2.12	2000	232.5	14.7	1875	136.05	clear
			Surge x1				
9:00			Resume pumping				
:05	3.18	1550	229.5	11.7	1625	132.47	clear
:10	1.06	1550	229.8	12.0	1625	129.16	clear
:15	1.59	2000	233	15.2	1850	131.57	clear
:20	1.06	2000	233.3	15.5	1850	129.03	clear
			Surge x1				
:25			Resume pumping				
:30	1.59	1550	229.5	11.7	1650	132.47	clear
:35	1.06	1550	229.7	11.9	1650	130.25	clear
:40	1.59	2000	233.2	15.4	1850	129.87	clear
:45	1.06	2000	233.3	15.5	1850	129.03	clear
			Surge x1				
:50			Resume pumping				
:55	1.59	2000	233.	15.2	1850	131.57	clear
10:00	.53	2000	233.3	15.5	1850	129.03	clear
			Surge x1				
:05			Resume pumping				
:10	1.06	2000	233	15.2	1850	131.57	clear
:15	.63	2000	233.2	15.4	1850	129.87	clear

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Date: 11-4-03 Page 1

istomer: City of San Bernardino 109 Job No. 27- 7995

Meter 12" X 326 Static level 167.1 Feet Hours/Day 7.5
Airline depth _____ Feet Total hours 7.5

Operator: T. Nunwohl

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading
8:05			167.1				000245.25 Begin
:11		water to top			955		45.9
:15	31.8	146.7	187.5	20.4	955	7.19	47.7 Lt rust
:30	10.6	136.92	188.3	21.2	955	6.45	54 Lt rusty
	Temp 18.7°C	pH 7	Turbidity 3 FAU	TDS 309 mg/L	TSS 145 mg/L	Cl2 0	
:45	5.3	136.92	188.56	21.46	955 Q↑	6.38	60.3 Q↑ clear
9:00	5.3	206.46	199.2	32.1	1000	6.43	69.8 clear
:30	1.06	208.64	199.7	32.6	1000 Q↑	6.40	89 Q↑
:45	2.12	262.97	209.1	42.0	1025	6.26	301.1 clear
10:00	1.06	249.93	209.25	42.15	1025 Q↑	5.92	12.6 Q↑ clear
:15	4.24	328.87	227	59.9	1075	5.49	29.75 clear
:30	1.06	294.65	227.1	60.0	1075 Q↑	4.91	41.5 Q↑ Lt cloudy
:45	10.6	358.6	247.9	80.8	1125	4.43	58 cloudy / Lt Sparing 676
11:15	14.13	331.43	Cascading water		1125		88.5 Same 598
:30	17.66	328.17	"	"	1125		405.6 Same 311
:45	21.2	356.42	"	"	1125		20 Same
12:00	10.6	320.37	"	"	1125		34.25 Lt cleaning
:30	10.6	336.32	"	"	1125		65.2 284
1:00	8.83	341.21	"	"	1125		96.6 Cleaning
:30	5.3	335.78	"	"	1125		527.5 cloudy 211
2:00	8.39	335.78					58.4 165
:30	14.13	339.04					89.6 149
3:00	8.83	338.49					620.75 127
:30		332.52					46.25 186

Layne Christensen Company
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Date: 11-5-03 Page 2

Customer: City of S.B. #109 Job No. 27-7995

Meter 12 X 326 Static level 213.74 Feet Airline depth 363.31 Feet Hours/Day 7.5 Total hours 15

Operator: T. Marwell

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments
7:30			213.74		975		Meter Reading 000646.1 clear
8:00	79.2	135.29	242.61	28.87	975	4.68	50.25 cloudy / Lt brown
8:00	Temp. 15.7°C	pH 7+	TDS 310 mg/L	TSS 453 mg/L	Cl2 0	Turbidity 588 FNU	From pump
8:00	12.2	6.5	302 mg/L	62 mg/L	0	42 FNU	From Tanks
:15	14.13	163.0	243.19	29.45	975	5.53	57.75 cloudy
:45	Temp. 17.5°C	pH 7+	TDS 305 mg/L	TSS 185 mg/L	Cl2 0	Turbid. 153 FNU	From pump
:45	16.2	7	305 mg/L	54 mg/L	Cl2 0	47 FNU	From tank
:45	10.6	157.56	243.19	29.45	975	5.35	72.25 clearing
9:00	10.6	159.74	243.19	29.45	975	5.42	79.6 same
:15	7.42	160.82	243.19	29.45	975	5.46	87 Lt cloudy TSS 65
:30	5.3	157.56	243.19	29.45	975	5.35	94.25 same
:45	1.59	155.39	243.19	29.45	975 Q↑	5.27	101.4 Q↑ 29
10:00	15.9	192.34	248.38	34.64	1000	5.55	10.25 Vlt cloudy
:15	1.59	190.16	248.38	34.64	1000 Q↑	5.48	19 Q↑ clear 14
:30	8.83	266.23	261.09	47.35	1050	5.62	31.25
:45	5.3	251.02	261.09	47.35	1050 Q↑	5.30	42.8 Vlt cloudy 68
11:00	21.2	292.31	269.75	56.01	1075	5.21	56.25 cloudy
:15	10.6	285.93	269.75	56.01	1075	5.06	69.75 +.5 same
:45	15.9	281.79	269.75	56.01	1075	5.03	95.25 -.5 70
12:00	10.6	285.79	269.75	56.01	1075	5.10	888.4
:15	10.6	276.01	268.6	54.86	1075	5.03	21.1 45
:30	3.18	285.79	268.6	54.86	1075 Q↑	5.20	34.25
:45	10.6	326.0	278.99	65.25	1100	4.99	49.25 58
1:00	21.2	320.90	278.99	65.25	1100	4.91	65 41
:15	21.2	314.35	278.99	65.25	1100	4.81	78.5 -1 70
:30	17.66	315.13	279.57	65.83	1100	4.78	93
:45	21.2	320.56	279.57	65.83	1100	4.86	907.75 66
2:00	28.26	314.04	279.57	65.83	1100	4.77	22.2
:15	21.2	321.65	279.57	65.83	1100	4.88	37 61
:30	35.33	315.13	279.57	65.83	1100	4.78	51.5
:45	21.2	317.30	279.57	65.83	1100	4.81	66.1 58
3:00	28.26	319.48	279.57	65.83	1100	4.85	80.8

Layne Christensen Company
Fontana

Date: 10-5-03 Page 3

Customer: City of S.B. #109 Job No. 27- 7995

Meter 12 X 326

Static level 213.74 Feet
Airline depth 363.31 Feet

Hours/Day 8
Total hours 15.5

Operator: T. Nimwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Head
3:15	15.9	319.69	279.57	65.83	1100	4.85	96 47
:30	10.6	315.13	279.57	65.83	1100	4.78	1010.5

Layne Christensen Company
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Date: 11-6-03 Page 4

Customer: City of S.B. #109 Job No. 27- 1995

Meter 12" X 326 Static level 211.42 Feet Airline depth 363.31 Feet Hours/Day 8 Total hours 23.5

Operator: T. Markwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments		
7:40			211.42				Manifold 001010.25		Turbidity
:50	Temp 9.9°C	TDS 294 mg/L	TSS 59 mg/L	Cl2 0	pH 7	Flow 66 Flow			
8:00	29.15	173.59	243.19	31.77	983	5.46	20.9	cloudy	
:15	2.82	176.04	243.19	31.77	983	5.54	29		23
:30	Taking	Samples							
:45	5.3	173.86	243.19	31.77	983 QP	5.47	45	QP	36
9:00	15.9	277.1	260.51	49.09	1050	5.64	57.75	cloudy	
:15	10.6	266.23	260.51	49.09	1050	5.42	70	Same	58
:30	15.9	260.8	260.51	49.09	1050	5.31	82	Same	
:45	10.6	260.8	260.51	49.09	1050	5.31	94	Same	73
10:00	5.3	260.8	260.51	49.09	1050	5.31	106	Same	
:15	10.6	332.52	277.84	66.42	1050	5.00	21.3	Same	63
:30	21.2	319.48	277.84	66.42	1050	4.80	36	Same	
:45	15.9	309.7	277.84	66.42	1050	4.66	50.25	Same	69
11:00	10.6	309.7	277.84	66.42	1050	4.66	64.5	Same	
:15	15.9	315.13	277.84	66.42	1050	4.74	79	Same	62
:30	7.42	306.44	277.84	66.42	1050	4.61	93.1	Same	
:45	4.24	312.96	277.84	66.42	1050 QP	4.71	207.5	QP cloudy	38
12:00	7.42	389.02	296.32	84.9	1100	4.58	25.4	cloudy	
:15	17.66	366.20	298.05	86.63	1100	4.22	42.25	cloudy/Lt color	74
:30	35.33	368.38	298.05	86.63	1100	4.25	59.2	cloudy/Brown	
:45	35.33	362.94	298.05	86.63	1100	4.18	75.9	Same	85
1:00	42.4	360.77	298.05	86.63	1100	4.16	92.5	Same	
:15	28.26	358.6	298.05	86.63	1100	4.13	309	Same	148
:30	21.2	360.77	298.05	86.63	1100	4.16	25.6	Same	
:45	21.2	360.77	298.05	86.63	1100	4.16	42.2	Lt cloudy	162
2:15	35.33	361.86	298.05	86.63	1100	4.17	75.5	cloudy	144
:45	35.33	366.75	298.05	86.63	1100	4.23	409.25	Same	169
3:15	17.66	367.83	298.05	86.63	1100	4.24	43.1	Same	
:40	10.6	369.46	298.05	86.63	1100	4.26	63.5	Same	

Layne Christensen Company
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Date: 11-7-03 Page 5

Customer: City of S.B. #109 Job No. 27- 7995

Meter 12" X 326 Static level 216.00 Feet Airline depth 363.31 Feet Hours/Day _____ Total hours _____

Operator: T. Nanwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments	
7:30			216				Meter Reading 001463.25	Turbidity
:45	Temp 16.2°c	PH 7	TDS 303 mg/L	TSS 40 mg/L	Cl2 0	Turb. 105 FNU		105
:50	23.85	130.4	247.81	31.81	978	4.09	71.25 Cloudy / LA Known	
8.00	Taking Samples							
:15	5.3	138.87	247.81	31.81	978	4.36	81.9 Same	106
:45	2.12	134.14	247.81	31.81	978 Q*	4.23	94.3 Q↑ Cleaning	25
9:00	5.3	205.38	258.78	42.78	1025 Q↑	4.80	58.75 VLA cloudy	35
:30	10.6	380.33	299.20	83.20	1150	4.57	34 Cloudy	59
:45	31.8	358.6	298.63	82.63	1150	4.33	50.5 Same	
10:00	35.33	358.6	298.63	82.63	1150	4.33	67 Same	81
:15	42.4	360.77	298.63	82.63	1150	4.36	83.6 LA cleaning	
:30	28.26	367.29	298.63	82.63	1150	4.44	600.5 Same	99
:45	35.33	360.77	298.63	82.63	1150	4.36	17.1 Same	
11:00	28.26	367.29	298.63	82.63	1150	4.44	34 Same	117
:30	17.66	364.03	298.63	82.63	1150	4.40	67.5 Cloudy	55
12:00	21.2	364.03	297.47	81.47		4.46	701 Same	73
12:30	15.9	366.75				4.50	34.75 Same	75
1:00	12.36	366.75				4.50	68.5 Cleaning	70
:30	8.83	364.03				4.46	802	62
2:00	7.06	369.46				4.53	36	48
:30	5.3	369.46				4.53	70	40
3:00	5.3	367.29				4.50	903.8	35
:30	2.12	369.46				4.53	37.8	25

Layne Christensen Company
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Date: 11-10-03 Page 6

Customer: City of S.B. #109 Job No. 27- 7995

Meter 12" X 326 Static level 217.79 Feet Airline depth 363.31 Feet Hours/Day 6 Total hours 38

Operator: T. Nanwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading		
8:20			217.78				001937.4		
:30	31.8	215.16	259.36	41.58	1025	5.17	44	cloudy	
:30	Temp 16.9°C	TDS 282mg/L	TSS 57mg/L	pH 7	Cl2 0	Turbidity SS FAU			
:45	10.6	202.12	259.36	41.58	1027	4.86	53.3	Lt cleaning	
9:00	21.2	199.94	259.36	41.58	1027	4.80	62.5	Same	74
:15	15.9	198.65	259.36	41.58	1027	4.77	72.25	Same	72
:30	10.6	203.75	259.36	41.58	1027	4.90	81	Same	46
:45	5.3	201.03	259.36	41.58	1027	4.83	90.25	cleaning	30
10:00	5.3	239.40	263.98	46.2	1050	5.18	2002	Same	
:15	2.12	235.18	263.98	46.2	1050	5.09	12.1	clean	
:30	5.3	274.92	270.91	53.12	1075	5.17	24.75	Lt cloudy	32
:45	7.42	309.7	280.72	62.94	1100	4.91	39	Same	
11:00	21.2	339.04	289.39	71.61	1125	4.73	54.6	Lt cloudy	
:15	28.26	334.69	288.81	71.03	1125	4.71	70	Same	70
:30	17.31	328.17	288.81	71.03	1125	4.62	85.1	Same	
:45	31.8	330.34	288.81	71.04	1125	4.65	100.2	cloudy	
12:00	24.73	331.92	288.81	71.04	1125	4.67	17.1	Lt cleaning	
:15	7.42	335.65	288.81	71.04	1125	4.72	31	Allmost clean	22
:30	24.73	421.62	309.02	91.24	1175	4.62	50.4	cloudy	121
:45	42.4	398.86	309.02	91.24	1175	4.37	68.75	Same	
1:00	53	407.5	308.44	90.66	1175	4.45	87.5	Same	109
:15	24.73	402.06	307.87	90.09	1175	4.46	206	Same	
:30	17.31	407.5	307.87	90.09	1175	4.52	24.75	Lt cleaning	80
2:00	21.2	511.73	346.77	128.99	1250	3.96	63.5	cloudy	
			Surge x5						
:15			Resume pump				70.8		
:20	74.2	306.44	283.03	65.25	1100	4.69	75.5	cloudy	
:30	21.2	264.06	282.46	64.68	1100	4.08	83.8	cleaning	
			Surge x5						
:45			Resume pump				84.75		
3:00	53	456.4	284.77	66.99	1125	6.81	305.75	cloudy	
			Surge x5						

Layne Christensen Company
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Date: 11-10-03 Page 7

Customer: City of S.B. #109 Job No. 27- 2995

Meter 12" X 326

Static level 217.78 Feet
Airline depth 363.31 Feet

Hours/Day 8
Total hours 40

Operator: T. Nianwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Measurement	
3:15			Resume pumping				308.75	
:20	95.4	570.5	288.81	71.03	1150	8.03	17.5	cloudy
:30	37.1	505.3	291.7	73.92	1150	6.83	33	same
			Surge x5					
:45			Resume pumping				34.75	
:50	63.6	619.4	289.39	71.61	1150	8.64	44.25	cloudy
4:00	42.4	513.45	290.54	72.76	1150	7.05	60	same
			Surge x5					
4:15			Resume pumping				61.5	
:20	42.4	615.77	289.39	71.61	1151	8.59	70	cloudy
:30	42.4	521.6	290.54	72.76	1151	7.16	88	same

Layne Christensen Company
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Date: 11-11-03 Page 8

Customer: City of S.B. #109 Job No. 27- 7995

Meter 12" X 326 Static level 215.47 Feet Airline depth 363.31 Feet Hours/Day 6 Total hours 46

Operator: T. Nankwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments		
							Meter Reading		
8:50			215.47				0073856	Turbidity	
9:00	53	204.49	248.38	32.91	1000	6.21	92.5	Running for Sampling	
9:00	Temp 18.2	pH 7	Cl2 0	TDS 301 mg/L	TSS 37 mg/L	Turbidity 63 FAU			
:15	2.12	215.39	248.38	32.91	1000	6.54	401.25	VLY cloudy	65
:30	1.59	211.9	248.96	33.49	1000	6.32	11.5	clear	15
10:00	taking	samples							
			Surge x 5						
:15			Resume pumping				34.75		
:20	21.2	603.1	289.39	71.92	1150	8.38	44	cloudy	73
:30	31.8	505.3	292.85	77.38	1150	6.52	59.5	Same	
			Surge x 5						
:40			Resume pumping				67.75		
:45	53	700.9	291.7	76.23	1150	9.19	72.5	Cloudy	101
:55	31.8	534.64	292.85	77.38	1150	6.90	88.9	Same	65
			Surge x 5						
11:15			Resume pumping				88.75		
:20	31.8	544.42	291.7	76.23	1150	7.14	97.1	cloudy	63
:30	31.8	542.79	292.85	77.38	1150	7.01	513.25	Same	
			Surge x 5						
:45			Resume pumping				14.25		
:50	31.8	635.7	291.12	75.65	1150	8.40	24	cloudy	67
12:00	21.2	529.75	292.85	77.36	1150	6.86	40.25	Same	
			Surge x 5						
:15			Resume pumping				41		
:20	42.4	684.6	298.05	82.58	1175	8.28	51.5	Cloudy	90
:30	53	570.5	299.78	84.31	1175	6.76	69	Same	65
:45	74.2	543.33	300.36	84.89	1175	6.40	94	Same	
1:00	31.8	543.33	300.36	84.89	1175	6.40	619	Same	
			Surge x 5						
:15			Resume pumping				18.6		
:20	31.8	612.88	298.63	83.16	1175	7.36	28	cloudy	
:30	21.2	554.2	301.51	86.04	1175	6.44	45	Same	

Layne Christensen Company
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Date: 11-11-03 Page 9

Customer: City of S.B. #109 Job No. 27- 7995

Meter 12" X326 Static level 215.47 Feet Airline depth 363.31 Feet Hours/Day ____ Total hours ____

Operator: T. Nanwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading	
:45	15.9	521.6	301.51	86.04	1175	6.06	77	
			Surge x 5					
2:00			Resume Pump				76.75	
:05	21.2	603.1	303.25	87.78	1175	6.87	86	cloudy 72
:15	21.2	521.6	303.25	87.78	1175	5.94	702	Sure
:30	21.2	521.6	303.25	87.78	1175	5.94	26	Sure
				Surge x 5				
:45			Resume Pump				25.75	
:50	31.8	635.7	312.49	97.02	1200	6.55	35.5	cloudy 74
3:00	15.9	554.2	312.49	97.02	1200	5.71	52.5	
				Surge x 5				
:15				Resume Pump			52.75	
:20	31.8	554.2	313.64	98.17	1200	5.64	61.25	Cloudy
:30	15.9	554.2	313.64	98.17	1200	5.64	86	Sure 69
:50	10.6	546.48	313.64	98.17	1200	5.56		cloudy

Layne Christensen Company
Fontana

Date: 11-12-05 Page 10

Customer: City of S.B #104 Job No. 27- 7995

Meter 12" X 326 Static level 222.4 Feet Airline depth 363.31 Feet Hours/Day 8 Total hours 55

Operator: T Nanwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Meter Reading / Comments		
7:30			222.4				002776.25		Thousands
:45	21.2	427.87	296.32	73.92	1155	5.78	803	Running for Samples	
8:00	21.2	423.8	296.32	73.92	1155	5.73	16	Lt cloudy	
8:00	Temp 18.9°C	TDS 301 mg/L	TSS 37 mg/L	CL2 0	PH 7	Turbidity 36 FAU			
:15	10.6	421.62	296.32	73.92	1155	5.70		VLt cloudy	
			Surge x5						
:30			Resume pump				36.75		
:45	17.66	568.32	314.8	92.4	1200	6.15	62.9	cloudy	65
			Surge x5						
9:00			Resume pump				63.75		
:15	21.2	597.66	312.49	90.09	1200	6.63	91.25	cloudy	73
			Surge x5						
:30			Resume pump				93		
:45	53	597.66	324.04	101.64	1225	5.88	920.5	Cloudy	72
10:00	53	548.76	324.04	101.64	1225	5.39	45.75	Same	
:15	31.8	548.76	324.04	101.64	1225	5.39	71	Same	
:30	28.26	565.06	324.04	101.64	1225	5.55	97	Same	
			Surge x5						
:45			Resume pump				96.75		
11:00	31.8	554.2	326.35	103.95	1225	5.33	3022.25	Cloud	67
:15	35.33	543.33	326.35	103.95	1225	5.22	47.25	Same	
:30	21.8	543.33	326.35	103.95	1225	5.22	72.25	Same	
			Surge x5						
:45			Resume pump				72.25		
12:00	17.66	559.63	326.35	103.95	1225	5.38	98	cloudy	
			Surge x5						
:15			Resume pump				98		
:30	21.2	548.76	326.35	103.95	1225	5.27	123.25	cloudy	
1:00	15.9	554.70	326.35	103.95	1225	5.33	71.7	Same	
		mix in chems							
		Surge well all day							
3:30		Shut down							

Layne Christensen Company
Fontana

Date: 1-12-04 Page 1

Customer: SAN BERNARDINO #109 Job No. 27-7995

Meter 12 x 326 Static level 209.55 Feet Hours/Day 18
Airline depth _____ Feet Total hours 124.5

Operator: WEBER

Constant flow

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments	
14:01								34620
:05	10.6	2315	273.40'	63.85'	1653	36.3	C/R (FAU-13)	484
:10	0.11	2360	275.25'	65.70'	1653	35.9	C/R (3)	84.6
:20	0	2380	277.24'	67.69'	1653	35.2	C/R	756.7
:30	0.27	2324	279.00	69.45'	1655	33.5	C/R	828
:47	0	2278	277.10	67.55'	1655	33.7	C/R (30 p.s.i. LINE)	946.8
15:01	0	2258	282.84'	73.29'	1655	30.8	C/R	35043.8
:15	0.35	2298	284.11'	74.56'	1655	30.8	C/R	142.5
:30	0	2304	281.37'	71.82'	1655	32.1	C/R	248.5
1600	0	2295	281.88'	72.33'	1655	31.7	C/R	459.7
:30	0.16	2296	282.62'	73.07'	1655	31.4	C/R	671
17:00	0	2287	283.27'	73.72'	1655	31.0	C/R (T.SS 0)	035881.5
18:00	0	2254	284.05	74.50	1655	30.26	CLR	036365
19:00	0	2284	284.45	74.90	1655	30.49	CLR	715.25
20:00	0	2280	285.0	75.45	1655	30.22	CLR	037134.80
21:00	0	2276	285.38	75.83	1655	30.01	CLR	553.75
22:00	0	2274	285.68	76.13	1655	29.87	CLR	972.20
23:00	0	2273	285.83	76.28	1655	29.80	CLR	038390.5
24:00	0	2268	286.0	76.45	1655	29.67	CLR	808.0
1:00	0	2230	286.13	76.58	1655	29.12	CLR	039225.75
2:00	0	2266	286.33	76.78	1655	29.51	CLR	642.75
3:00	0	2253	286.51	76.96	1655	29.27	CLR	040059.50
4:00	0	2262	286.47	76.92	1655	29.41	CLR	475.75
5:00	0	2262	286.69	77.14	1655	29.32	CLR	892.0
6:00	0	2306	286.80	77.27'	1655	29.8	C/R	41316.5
7:00	0.09	2260	287.00'	77.45'	1655	29.2	C/R (T.SS-0)	732.5
8:00	0.09	2260	287.20'	77.65'	1655	29.1	C/R	42198.5

Layne Christensen Company
Fontana

Date: 1-13-04 Page

Customer: SAN BERNARDINO #109 Job No. 27- 7995

Meter 12 X 326 Static level 209.55 Feet Hours/Day 3.2
Airline depth Feet Total hours 1576.5

Operator: WEBER

Constant flow pg. 2

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments 42148.5
09:00	0	2262	287.25'	77.70'	1655	29.1	C/R (TSS-0) AIR 42564.9
10:00	0	2258	287.18'	77.63'	1655	29.1	C/R (Turbidity-0) 42980.5
11:00	0	2254	287.24'	77.69'	1655	29.0	C/R 43395.4
12:00	0	2255	287.37'	77.82'	1655	29.0	C/R 43810.5
13:00	0	2252	287.50'	77.95'	1655	28.9	C/R 44225
14:00	0	2255	287.52'	77.97'	1655	28.9	C/R 44640
15:00	0	2253	287.61	78.06	1655	28.9	C/R 45054.7
16:00	0	2251	287.70'	78.15'	1655	28.8	C/R 469
17:00	0	2255	287.88'	78.33'	1655	28.8	C/R 45884
18:00	0	2207	287.94	78.39	1655	28.2	CLR 46299.5
19:00	0	2252	287.99	78.44	1655	28.7	CLR 705.0
20:00	0	2252	288.00	78.45	1655	28.7	CLR 47119.5
21:00	0	2251	288.10	78.55	1655	28.7	CLR 533.75
22:00	0	2253	288.08	78.53	1655	28.7	CLR 948.50
23:00	0	2251	288.17	78.62	1655	28.6	CLR 48362.75
24:00	0	2251	288.25	78.70	1655	28.6	CLR 777.0
1:00	0	2252	288.30	78.75	1655	28.6	CLR 49191.50
2:00	0	2252	288.40	78.85	1655	28.6	CLR 606.0
3:00	0	2250	288.41	78.86	1655	28.5	CLR 50020.2
4:00	0	2251	288.48	78.93	1655	28.5	CLR 434.5
5:00	0	2251	288.49	78.94	1655	28.5	CLR 848.75
6:00	0	2294	288.53'	78.98'	1655	29.0	C/R 51271
7:00	0	2252	288.60'	79.05'	1655	28.5	C/R 685.5
8:00	0	2254	288.73'	79.20'	1655	28.5	C/R 52100.3
9:00	0	2251	288.74'	79.21'	1655	28.4	C/R 514.6
10:00	0	2250	288.60'	79.05'	1655	28.5	C/R 52928.7
11:00	0	2248	288.75'	79.20'	1655	28.4	C/R 53342.5
12:01	0	2247	288.76	79.21'	1655	28.4	C/R
13:00	0	2247	288.78'	79.23'	1653	28.4	C/R 54169.5
15:00	0	2245	288.82	79.27'	1653	28.3	C/R 54996
16:00	0	2246	288.90'	79.35'	1653	28.3	C/R 55409.4
17:02	0	2247	288.98	79.43'	1653	28.3	C/R 55836.8

Layne Christensen Company
Fontana

Date: 1-14-15-04 Page _____

Customer: San Bernardino 109 Job No. 27- 7995

Meter 12 X 326 Static level 209.55 Feet 32 Hours/Day 40
Airline depth _____ Feet 39 Total hours 196.5

Operator: Weber

Constant Flow pg. 3

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments 55836.8
18:00	Ø	2128	288.94	79.39	1655	26.8	56228.50
19:00	Ø	2246	289.10	79.55	1655	28.2	641.8
20:00	Ø	2247	289.11	79.56	1655	28.2	57055.4
21:00	Ø	2245	289.17	79.62	1655	28.2	468.75
22:00	Ø	2244	289.18	79.63	1655	28.2	881.8
23:00	Ø	2245	289.26	79.71	1655	28.2	58295.0
24:00	Ø	2247	289.31	79.76	1655	28.2	708.5
1:00	Ø	2246	289.34	79.79	1655	28.1	59121.8
2:00	Ø	2245	289.31	79.76	1655	28.1	535.0
3:00	Ø	2247	289.40	79.85	1655	28.1	948.5
4:00	Ø	2244	289.42	79.87	1656	28.1	60361.5
5:00	Ø	2245	289.45	79.90'	1655	28.1	60774.75
6:00	O	2289	289.55'	80.00	1655	28.6	61196
7:00	O	2245	289.67'	80.12'	1655	28.0	609.2
8:00	O	2247	289.71'	80.16'	1655	28.0	62022.7
10:04	O	2246	289.60	80.05	1655	28.1	628.77
11:00	O	2244	289.65'	80.10'	1655	28.0	63262.5
12:00	O	2245	289.65'	80.10'	1655	28.0	63675.6
13:00	O	2242	289.61'	80.06'	1653	28.0	64088.2
14:00	O	2244	289.67	80.12'	1653	28.0	64501.2
15:00	O	2242	289.72	80.17'	1653	28.0	913.9
17:11	O	2242	289.82	80.27'	1653	27.9	65814.7
19:00	O	2219			1653		66556.5
21:00	O	2242			1655		7381.9
23:00	O	2242			1655		8207.0
1:00	O	2243			1655		9032.5
3:00	O	2242			1655		9857.8
5:00	O	2240			1655		70682.5
6:00	O	2279	289.20	79.65'	1655	28.6	71102
7:08		2208			1655		562.5
8:00		2200	288.67'	79.12'	1655	27.8	973.5
9:00		2198			1655		72318

Layne Christensen Company
Fontana

Date: 1-16-03 Page _____

Customer: SAN BERNARDINO #109 Job No. 27- 7995

Meter 12 X 326 Static level 209.55 Feet Hours/Day 5
Airline depth _____ Feet Total hours 201.5

Operator: WEBER

Constant flow - pg #4

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments
10:00	0	2199			1653		C/R 72 722.7
11:00	0	2198	288.70'	79.15'	1653	27.8	73127.2
12:00	0	2202	288.82'	79.27'	1653	27.8	73532.4
1300	0	2201	288.78'	79.23'	1653	27.8	73937.5
1330	0	2201	288.88	79.33'	1653	27.8	74140
1400							END of TEST 74339.5