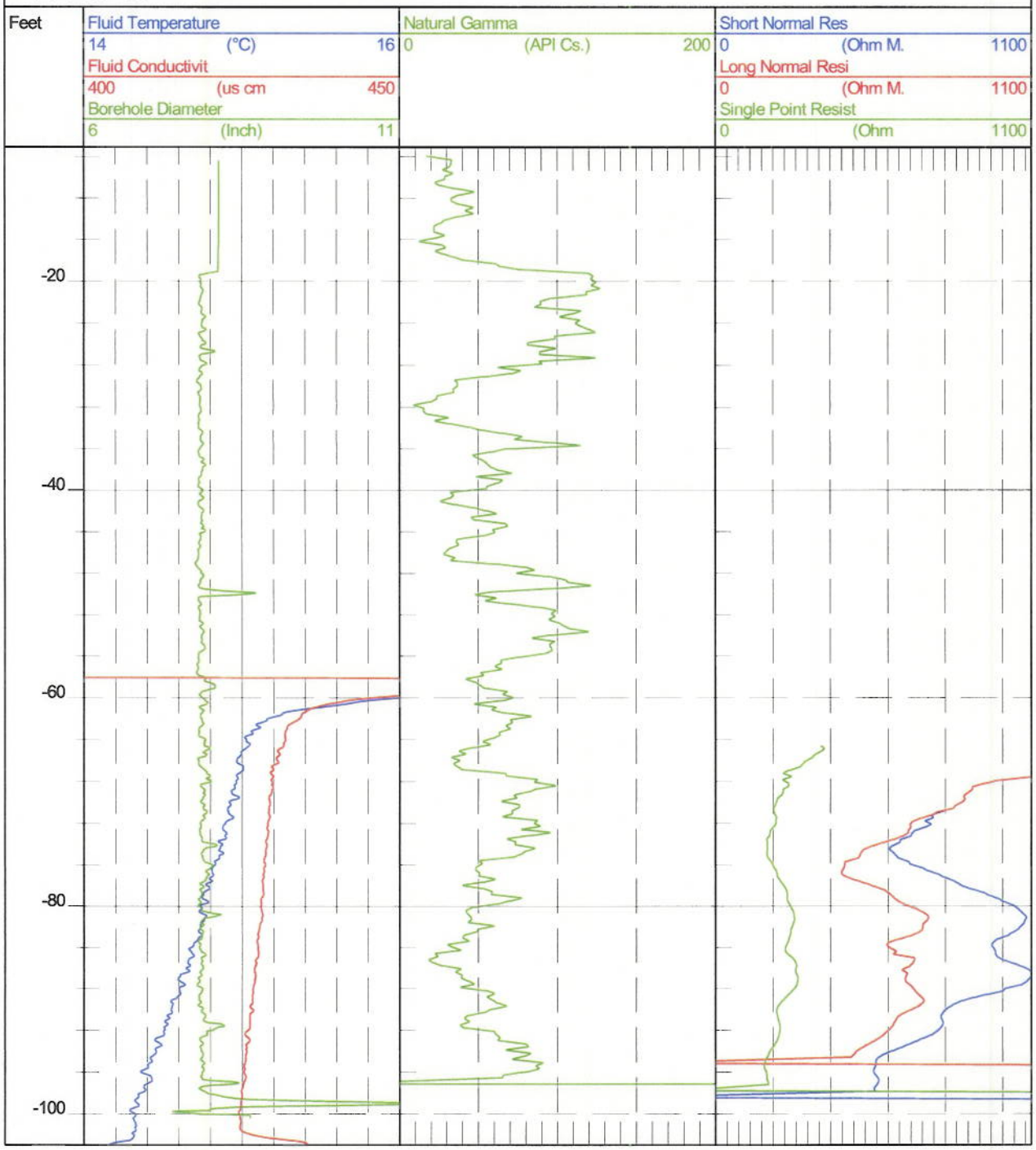
8/23/104	11:22:57	32.00	67.37
8/23/104	11:23:12	31.94	66.36
8/23/104	11:23:27	31.93	65.49
8/23/104	11:23:42	31.94	64.81
8/23/104	11:23:57	31.93	64.23
8/23/104	11:24:12	31.91	63.67
8/23/104	11:24:27	31.96	63.29
8/23/104	11:24:42	31.93	62.87
8/23/104	11:24:57	31.89	62.45
8/23/104	11:25:12	31.98	61.99
8/23/104	11:25:27	31.97	61.60
8/23/104	11:25:42	31.97	61.26
8/23/104	11:25:57	31.85	60.83
8/23/104	11:26:12	31.90	60.49
8/23/104	11:26:27	31.96	59.99
8/23/104	11:26:42	31.97	58.69
8/23/104	11:26:57	31.91	57.63
8/23/104	11:27:12	31.95	56.89
8/23/104	11:27:27	31.93	56.41
8/23/104	11:27:42	31.94	56.13
8/23/104	11:27:57	31.89	55.81
8/23/104	11:28:12	31.94	55.63
8/23/104	11:28:27	31.94	55.32
8/23/104	11:28:42	31.91	55.24
8/23/104	11:28:57	31.89	55.08
8/23/104	11:29:12	31.93	54.94
8/23/104	11:29:27	31.90	54.88
8/23/104	11:29:42	31.95	54.72
8/23/104	11:29:57	31.95	54.61
8/23/104	11:30:12	32.01	54.61
8/23/104	11:30:27	31.98	54.57
8/23/104	11:30:42	31.91	54.39
8/23/104	11:30:57	31.94	54.33
8/23/104	11:31:12	31.86	54.30
8/23/104	11:31:27	31.93	54.27
8/23/104	11:31:42	31.93	54.21
8/23/104	11:31:57	31.93	54.13
8/23/104	11:32:12	31.94	54.04
8/23/104	11:32:27	31.92	53.95
8/23/104	11:32:42	31.99	53.95
8/23/104	11:32:57	31.89	53.90
8/23/104	11:33:12	31.90	53.92
8/23/104	11:33:27	31.94	53.83
8/23/104	11:33:42	31.92	53.82
8/23/104	11:33:57	31.86	53.69
8/23/104	11:34:12	31.90	53.76
8/23/104	11:34:27	31.92	53.65
8/23/104	11:34:42	31.94	53.61
8/23/104	11:34:57	31.89	53.59
8/23/104	11:35:12	31.95	53.57
8/23/104	11:35:27	31.91	53.52
8/23/104	11:35:42	31.91	53.50

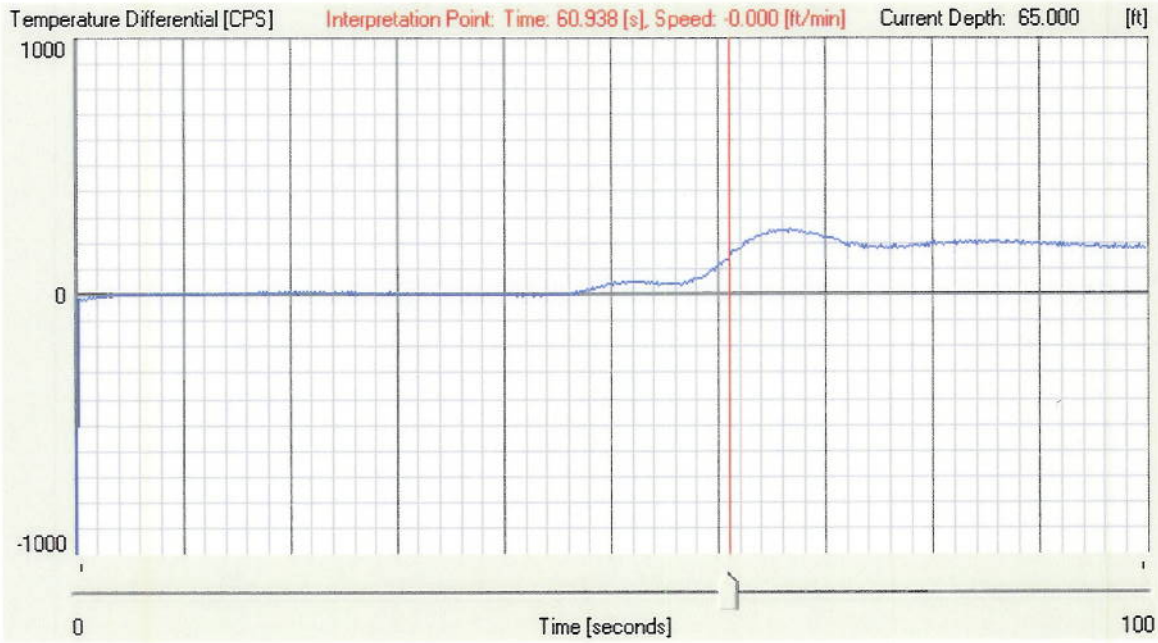
8/23/104	11:35:57	31.84	53.51
8/23/104	11:36:12	31.86	53.47
8/23/104	11:36:27	31.96	53.36
8/23/104	11:36:42	31.90	53.30
8/23/104	11:36:57	31.96	53.33
8/23/104	11:37:12	31.96	53.35
8/23/104	11:37:27	31.91	53.27
8/23/104	11:37:42	31.91	53.29
8/23/104	11:37:57	31.84	53.27
8/23/104	11:38:12	32.02	53.18
8/23/104	11:38:27	31.97	53.20
8/23/104	11:38:42	31.93	53.18
8/23/104	11:38:57	31.91	53.17
8/23/104	11:39:12	31.90	53.12
8/23/104	11:39:27	31.93	53.17
8/23/104	11:39:42	31.93	53.13
8/23/104	11:39:57	31.88	53.04
8/23/104	11:40:12	31.93	53.01
8/23/104	11:40:27	31.86	53.03
8/23/104	11:40:42	31.93	53.04
8/23/104	11:40:57	31.95	52.99
8/23/104	11:41:12	31.90	52.97
8/23/104	11:41:27	31.92	52.91
8/23/104	11:41:42	31.93	53.01
8/23/104	11:41:57	31.94	52.96
8/23/104	11:42:12	31.92	52.95
8/23/104	11:42:27	31.92	52.86

APPENDIX C

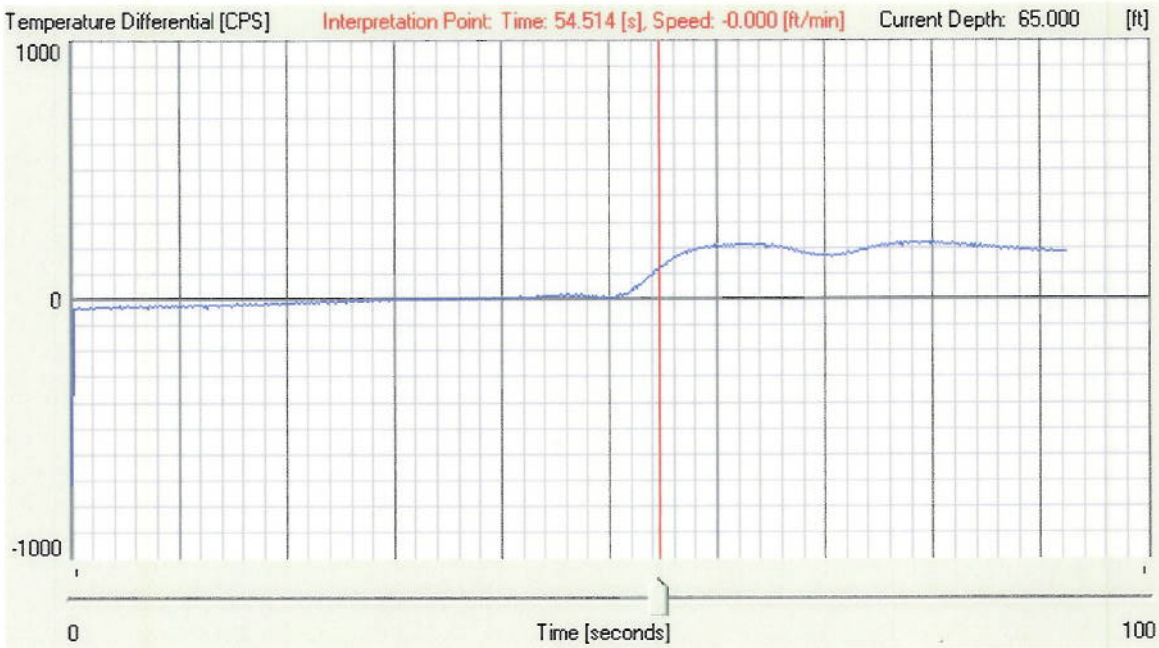
Mw-03

Well Name: mw-03
Location: LEA- Reading
Reference: toc




Temperature Differential [CPS]
Interpretation Point: Time: 60.938 [s], Speed: -0.000 [ft/min]
Current Depth: 65.000
[ft]
1000
0
-1000
0
Time [seconds]
100

65.1


Temperature Differential [CPS]
Interpretation Point: Time: 54.514 [s], Speed: -0.000 [ft/min]
Current Depth: 65.000
[ft]
1000
0
-1000
0
Time [seconds]
100

65.2

Temperature Differential [CPS]
Interpretation Point: Time: 53.993 [s], Speed: -0.000 [ft/min]
Current Depth: 73.000
[ft]
1000
0
-1000
0
Time [seconds]
100

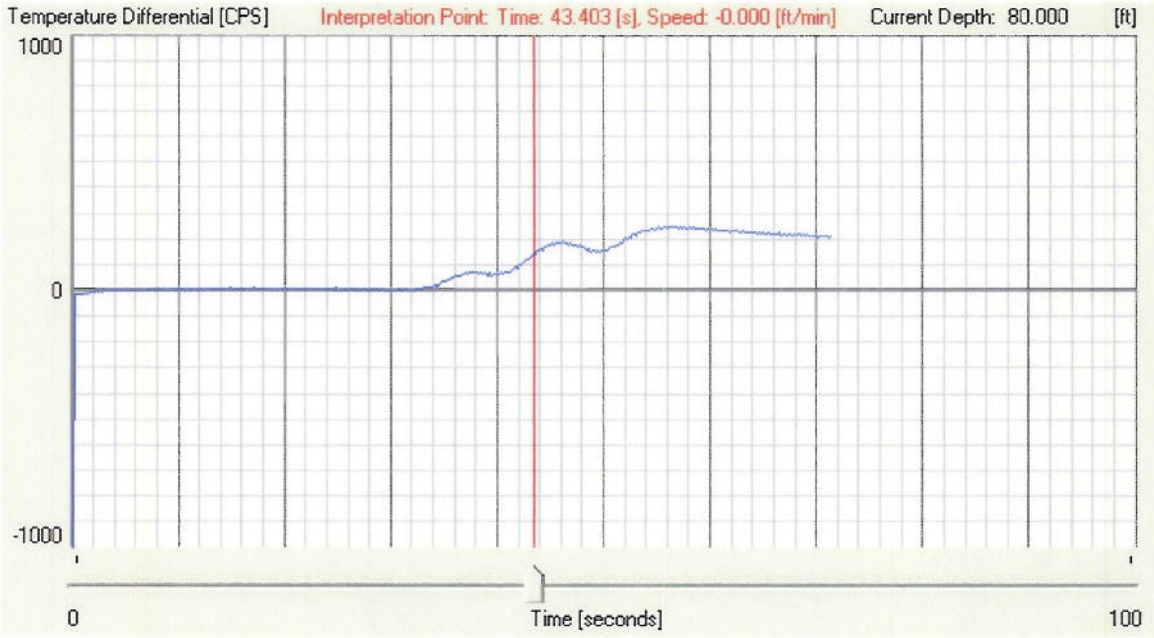
73.1

Temperature Differential [CPS]
Interpretation Point: Time: 47.743 [s], Speed: -0.000 [ft/min]
Current Depth: 73.000
[ft]
1000
0
-1000
0
Time [seconds]
100

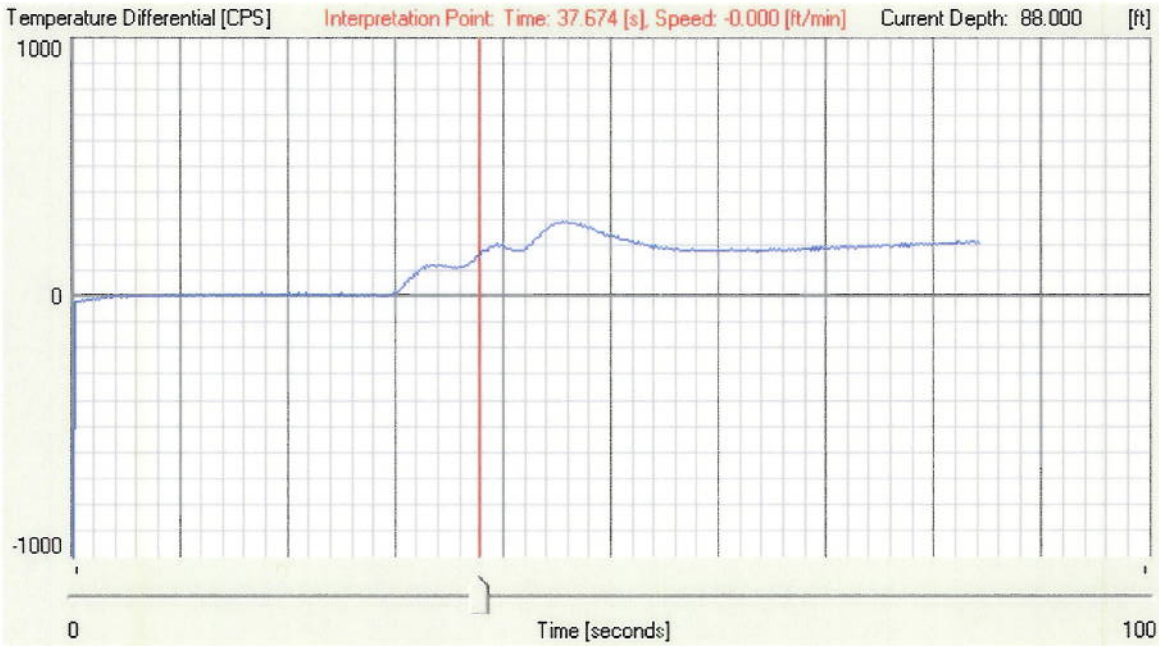
73.2

Temperature Differential [CPS]
Interpretation Point: Time: 47.743 [s], Speed: -0.000 [ft/min]
Current Depth: 80.000
[ft]
1000
0
-1000
0
Time [seconds]
100

80.1


Temperature Differential [CPS]
Interpretation Point: Time: 43.403 [s], Speed: -0.000 [ft/min]
Current Depth: 80.000
[ft]
1000
0
-1000
0
Time [seconds]
100

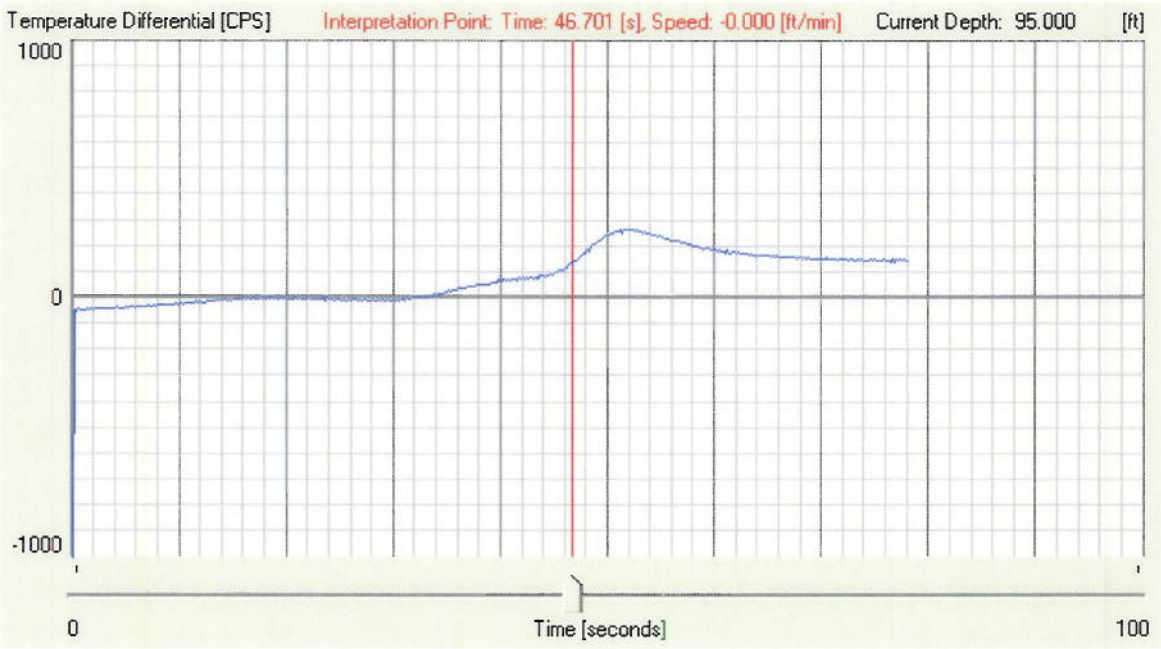
80.2


Temperature Differential [CPS]
Interpretation Point: Time: 37.674 [s], Speed: -0.000 [ft/min]
Current Depth: 88.000
[ft]
1000
0
-1000
0
Time [seconds]
100

88.1

Temperature Differential [CPS]
Interpretation Point: Time: 45.139 [s], Speed: -0.000 [ft/min]
Current Depth: 88.000
[ft]
1000
0
-1000
0
Time [seconds]
100

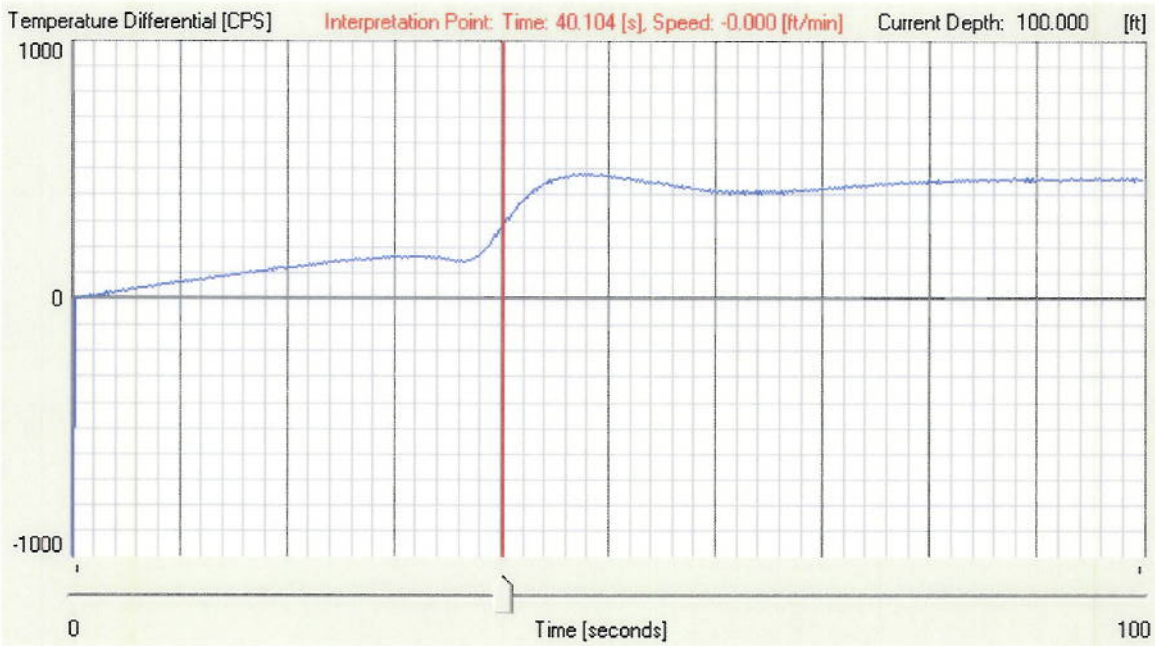
88.2


Temperature Differential [CPS]
Interpretation Point: Time: 46.701 [s], Speed: -0.000 [ft/min]
Current Depth: 95.000
[ft]
1000
0
-1000
0
Time [seconds]
100

95.1

Temperature Differential [CPS]
Interpretation Point: Time: 45.833 [s], Speed: -0.000 [ft/min]
Current Depth: 95.000
[ft]
1000
0
-1000
0
Time [seconds]
100

95.2


Temperature Differential [CPS]
Interpretation Point: Time: 40.104 [s], Speed: -0.000 [ft/min]
Current Depth: 100.000 [ft]
1000
0
-1000
0
Time [seconds]
100

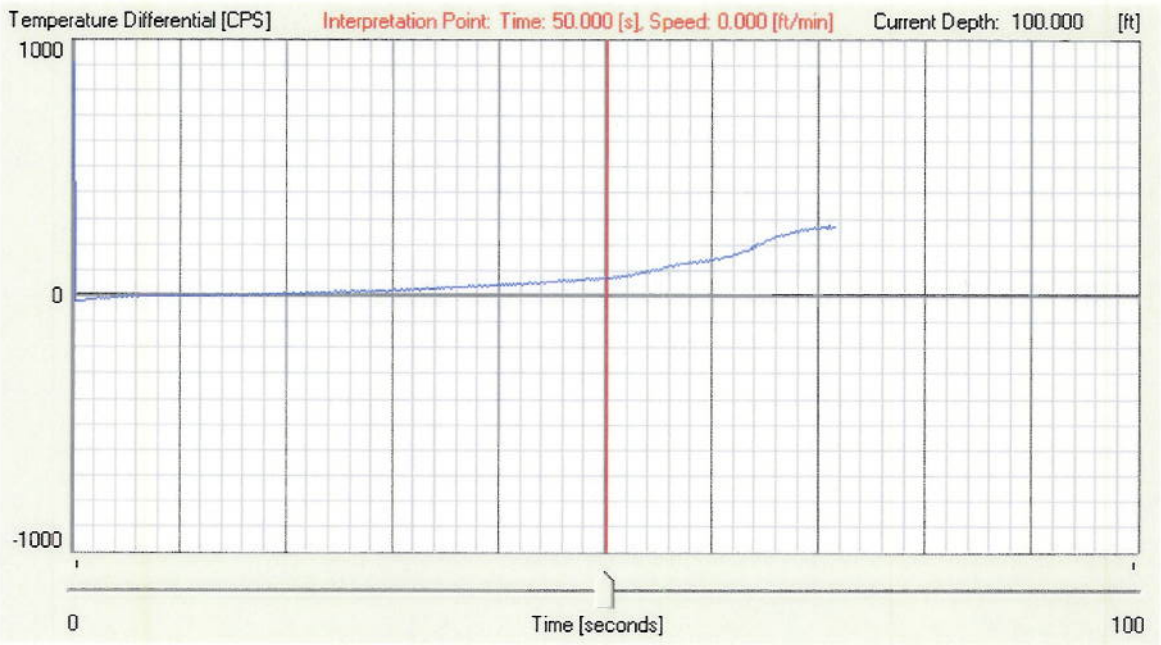
100.1

Temperature Differential [CPS]
Interpretation Point: Time: 54.688 [s], Speed: -0.000 [ft/min]
Current Depth: 100.000 [ft]
1000
0
-1000
0
Time [seconds]
100

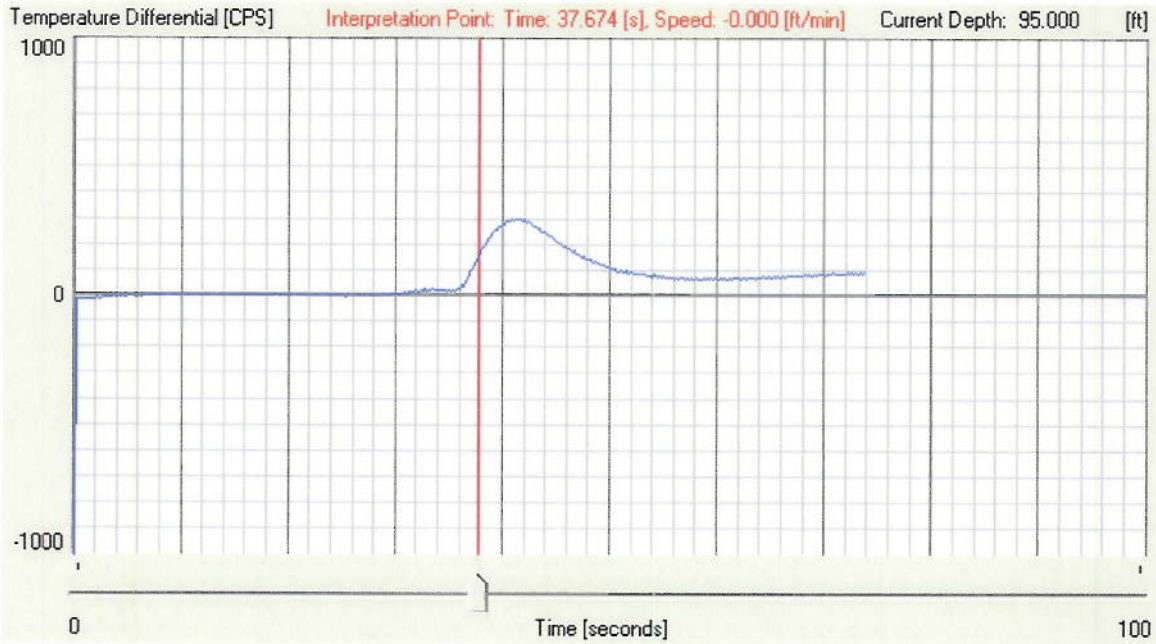
100.2

100.1 pumping at .75 gpm

rate increased to 1 gpm



100.2


Temperature Differential [CPS]
Interpretation Point: Time: 37.674 [s], Speed: -0.000 [ft/min]
Current Depth: 95.000
[ft]
1000
0
-1000
0
Time [seconds]
100

95.1

Temperature Differential [CPS]
Interpretation Point: Time: 34.201 [s], Speed: -0.000 [ft/min]
Current Depth: 95.000
[ft]
1000
0
-1000
0
Time [seconds]
100

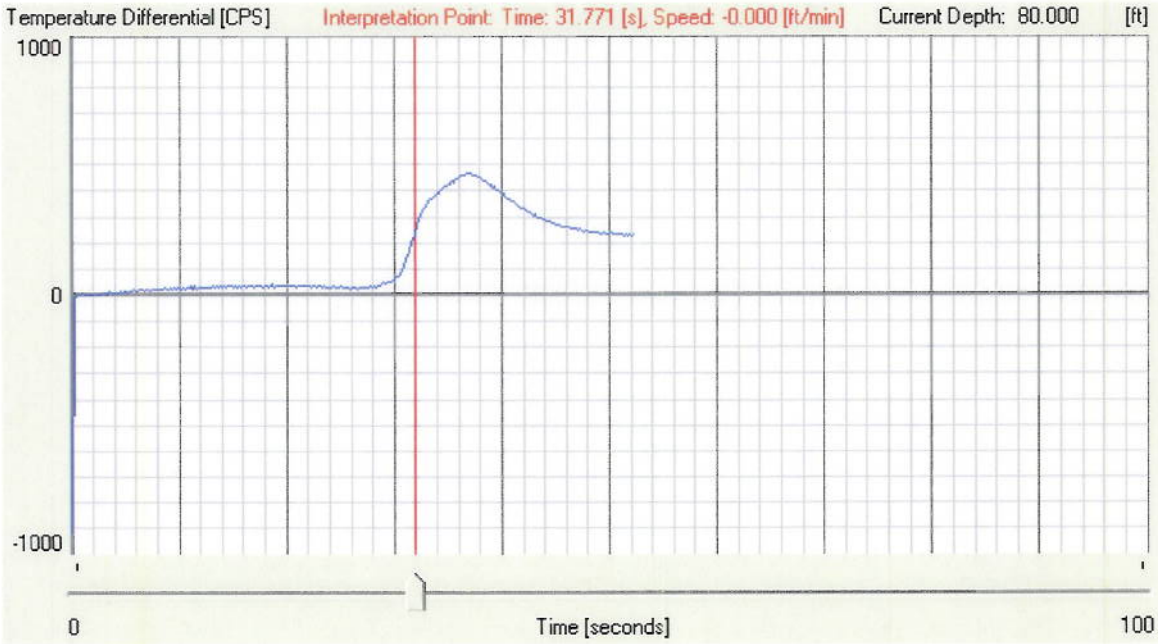
95.2

Temperature Differential [CPS]
Interpretation Point: Time: 34.722 [s], Speed: -0.000 [ft/min]
Current Depth: 88.000
[ft]
1000
0
-1000
0
Time [seconds]
100

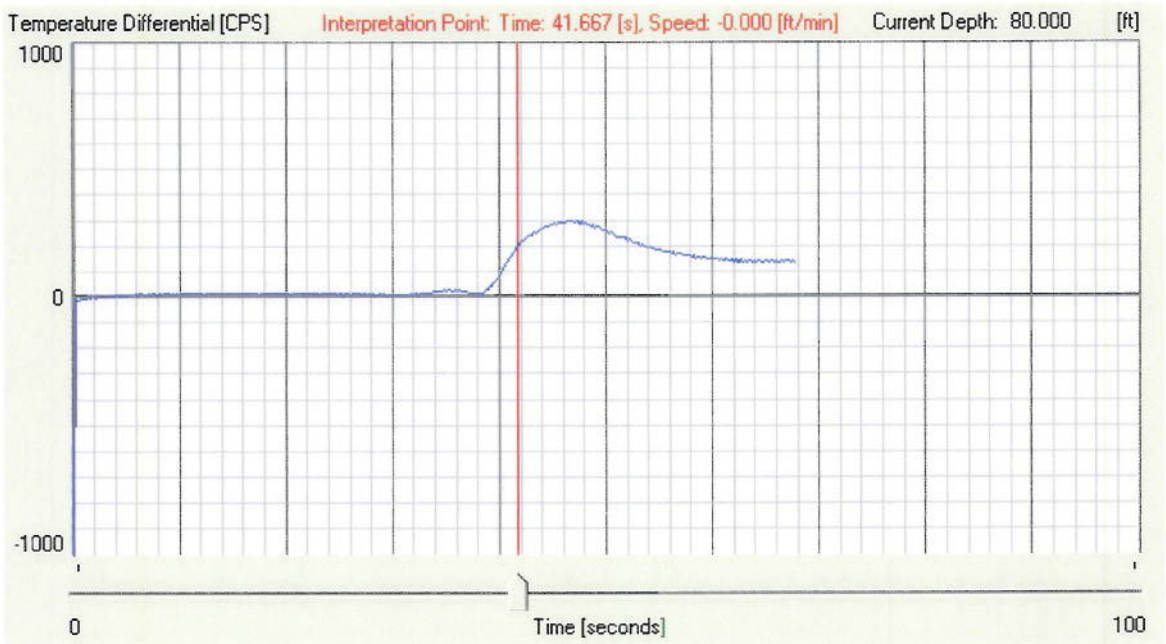
88.1

Temperature Differential [CPS]
Interpretation Point: Time: 34.722 [s], Speed: -0.000 [ft/min]
Current Depth: 88.000
[ft]
1000
0
-1000
0
Time [seconds]
100

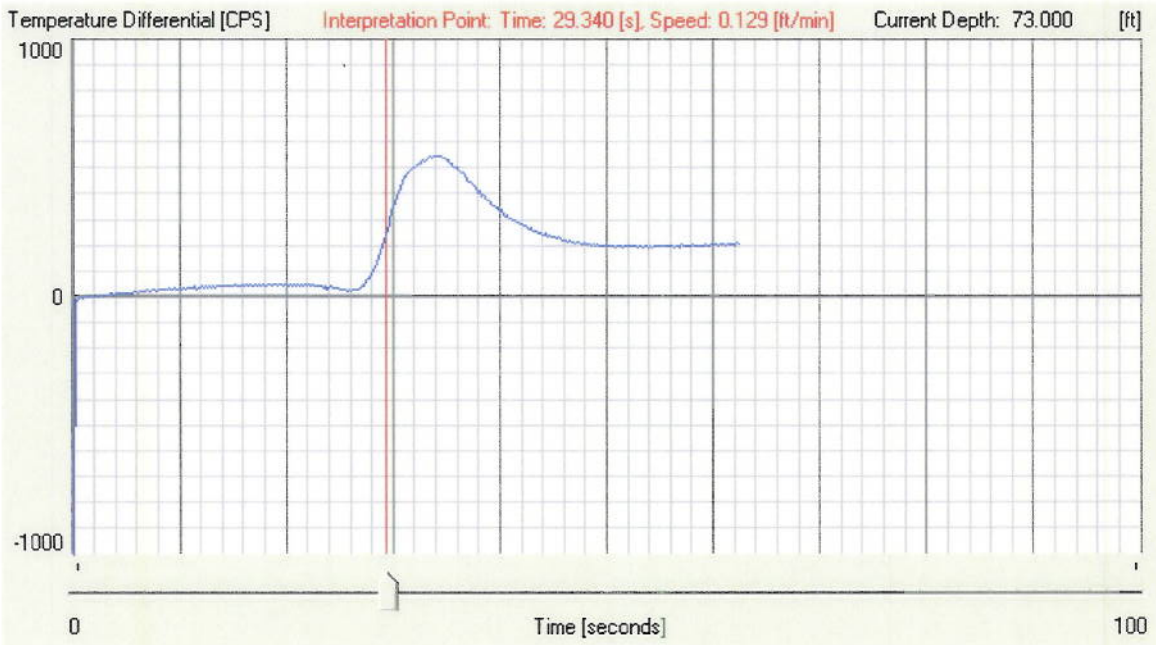
88.2


Temperature Differential [CPS]
Interpretation Point: Time: 31.771 [s], Speed: -0.000 [ft/min]
Current Depth: 80.000
[ft]
1000
0
-1000
0
Time [seconds]
100

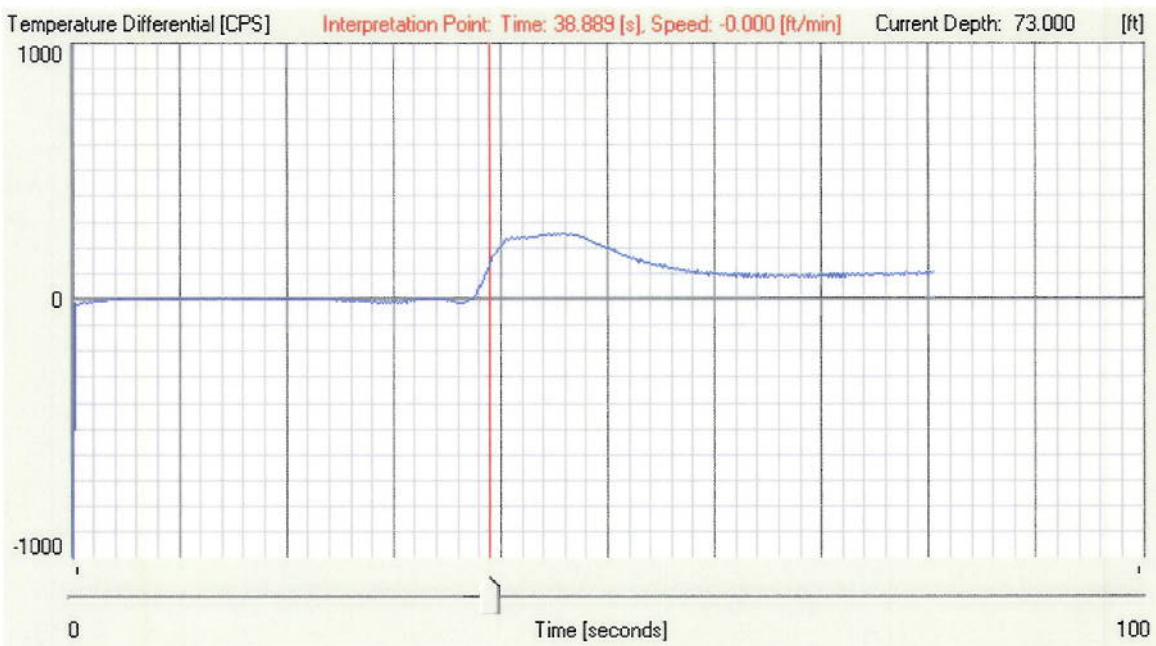
80.1


Temperature Differential [CPS]
Interpretation Point: Time: 41.667 [s], Speed: -0.000 [ft/min]
Current Depth: 80.000
[ft]
1000
0
-1000
0
Time [seconds]
100

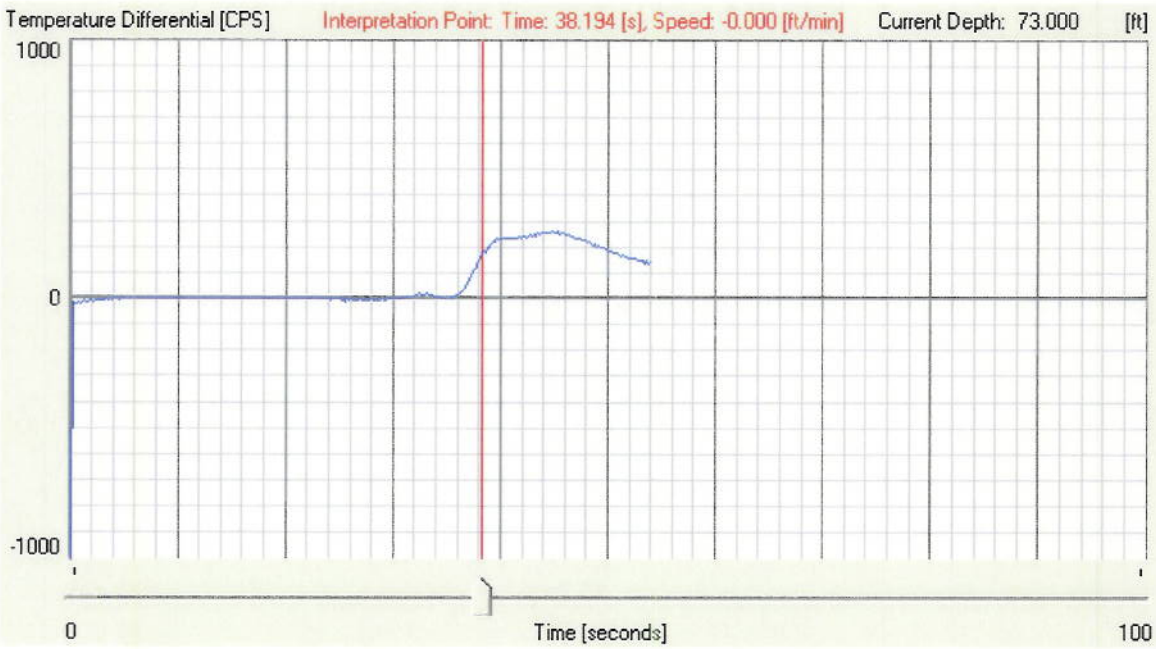
80.2


Temperature Differential [CPS]
Interpretation Point: Time: 29.340 [s], Speed: 0.129 [ft/min]
Current Depth: 73.000
[ft]
1000
0
-1000
0
Time [seconds]
100

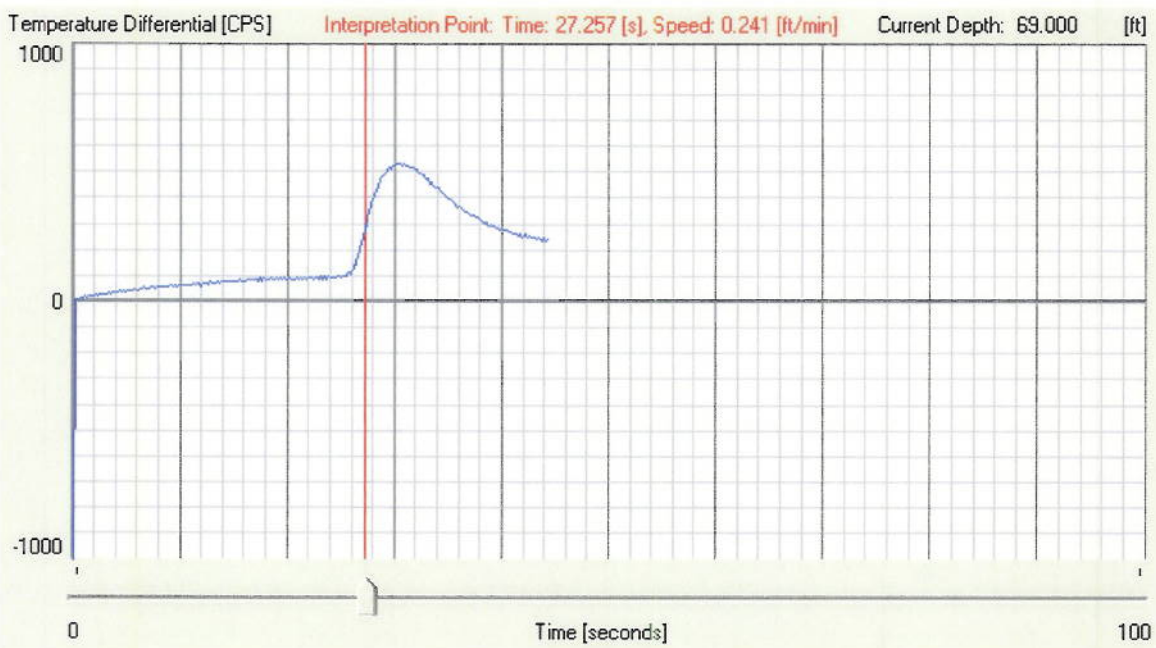
73.1


Temperature Differential [CPS]
Interpretation Point: Time: 38.889 [s], Speed: -0.000 [ft/min]
Current Depth: 73.000
[ft]
1000
0
-1000
0
Time [seconds]
100

73.2


Temperature Differential [CPS]
Interpretation Point: Time: 38.194 [s], Speed: -0.000 [ft/min]
Current Depth: 73.000
[ft]
1000
0
-1000
0
Time [seconds]
100

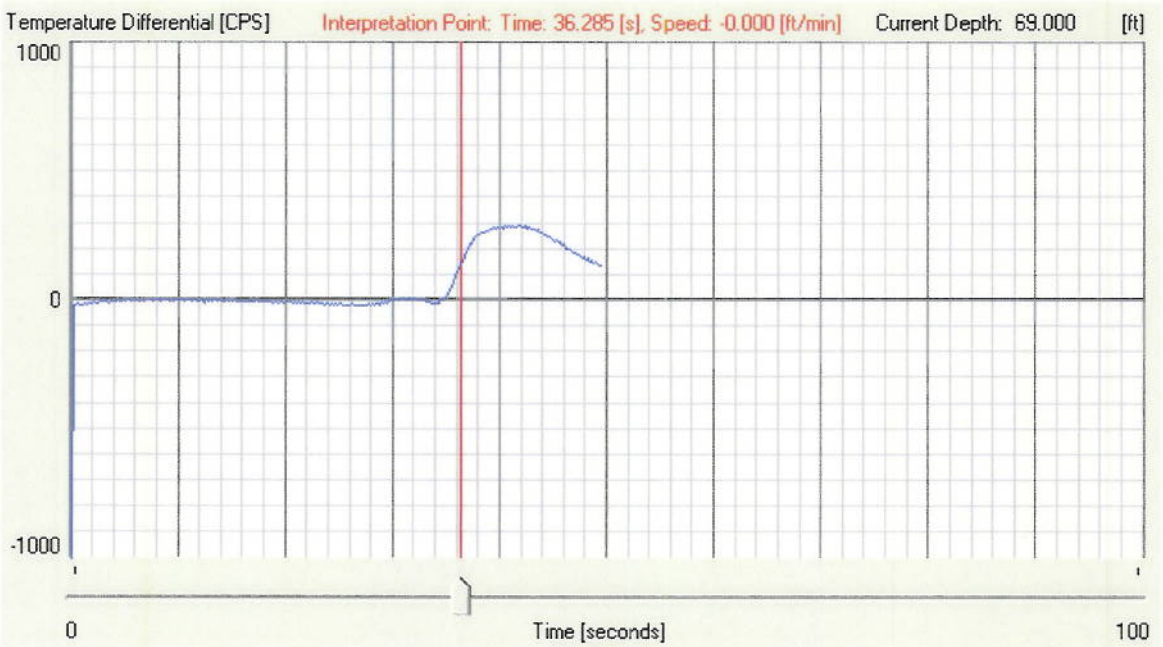
73.3


Temperature Differential [CPS]
Interpretation Point: Time: 27.257 [s], Speed: 0.241 [ft/min]
Current Depth: 69.000
[ft]
1000
0
-1000
0
Time [seconds]
100

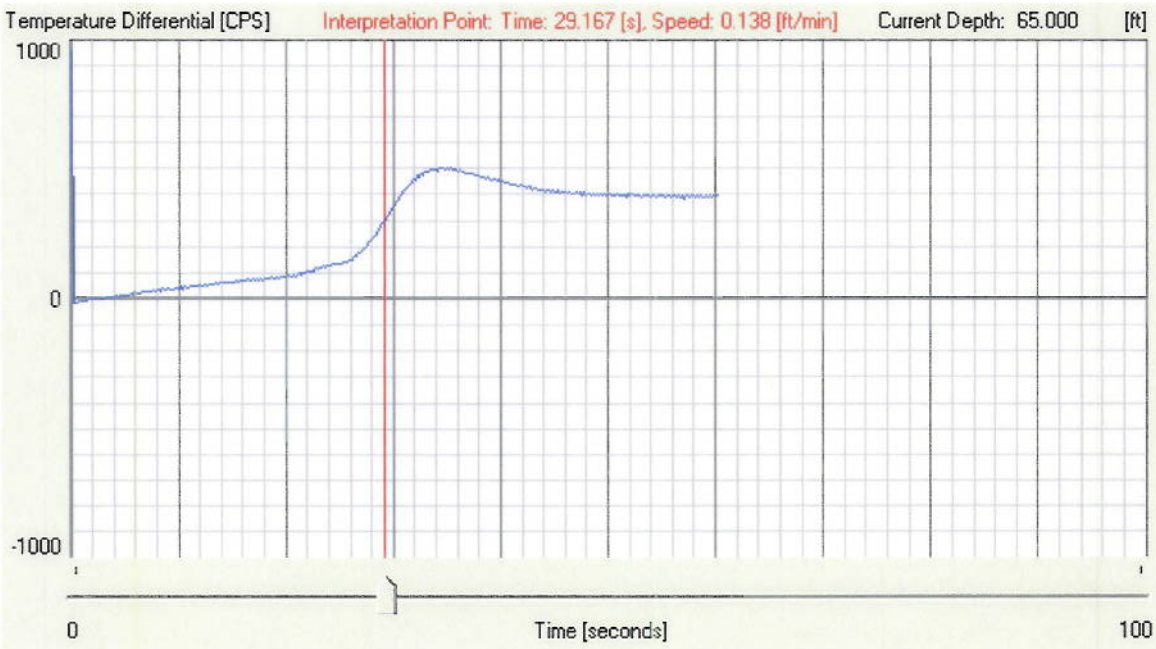
69.1

Temperature Differential [CPS]
Interpretation Point: Time: 46.701 [s], Speed: -0.000 [ft/min]
Current Depth: 69.000
[ft]
1000
0
-1000
0
Time [seconds]
100

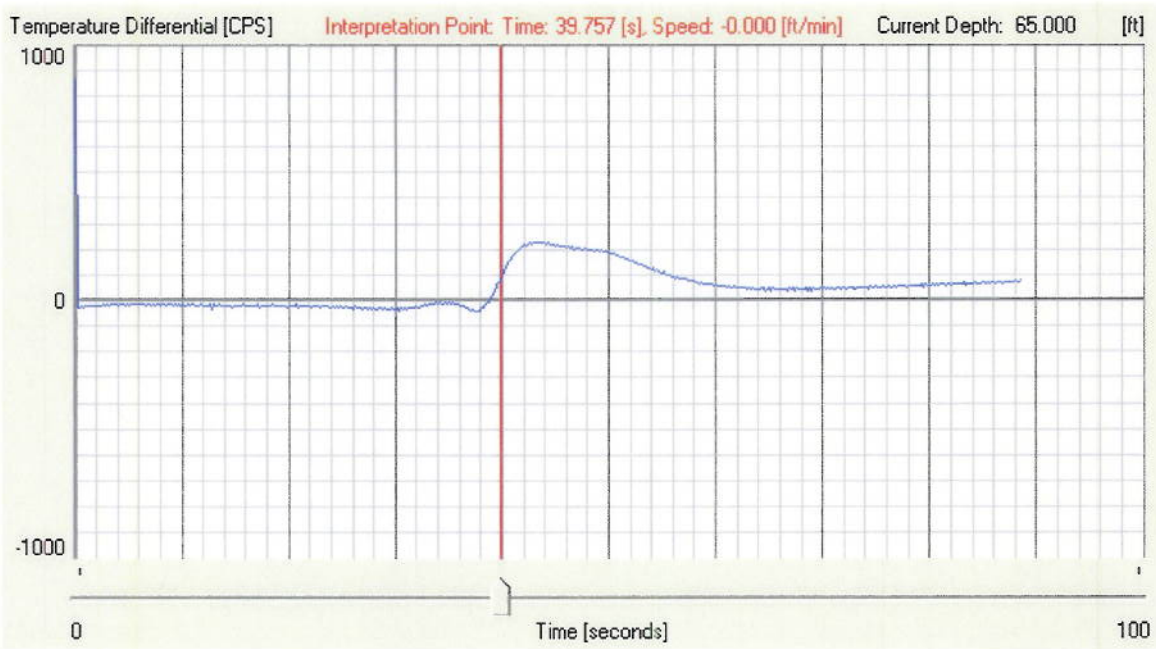
69.2


Temperature Differential [CPS]
Interpretation Point: Time: 36.285 [s], Speed: -0.000 [ft/min]
Current Depth: 69.000
[ft]
1000
0
-1000
0
Time [seconds]
100

69.3


Temperature Differential [CPS]
Interpretation Point: Time: 29.167 [s], Speed: 0.138 [ft/min]
Current Depth: 65.000
[ft]
1000
0
-1000
0
Time [seconds]
100

65.1


Temperature Differential [CPS]
Interpretation Point: Time: 39.757 [s], Speed: -0.000 [ft/min]
Current Depth: 65.000
[ft]
1000
0
-1000
0
Time [seconds]
100

65.2

EARTH DATA
NORTHEAST, INC.

PAKER TESTING
ADMINISTRATIVE SHEET

WELL: MW-03

PROJECT: Loureiro - Reading - Baldwin

W.O.# F50257

PURPOSE OF TESTING: Hydrologic Properties & Discrete Sampling

HISTORY OF TESTING: -

DESCRIPTION OF MEASURING POINT: Casing

G.S. TO M.P.:

ELEVATION: -

PRE-TEST OPEN HOLE WATER LEVEL: 57.76

PUMPING EQUIPMENT

PUMP MODEL # Goulds 18E154

PUMP S/N:

HP: 1.5 VOLTS: 220 PHASE: single STARTER: (Y) or N

NOMINAL DIAMETER OF LIFT PIPE: 2"

TYPE OF PIPE: Galvanized

METHOD OF FLOW MEASUREMENT: Digital Flowmeter & Analog Flowmeter

DISPOSITION OF DISCHARGE:

TIME MEASUREMENT

HOW MEASURED: computer clock

DATE START: -

DATE END: -

PACKER EQUIPMENT

FOR WELLS: 8 INS. IN DIA.

UNINFLATED DIAM: 5.4 INS.

MAX INFLATED DIAM. 10.5"

LENGTH OF BLADDER: 5'

SPREAD: - FT

BLADDER MATERIAL: Vulcanized Rubber

NITROGEN PRESSURE START: 47

PSI STOP: -

PSI AMOUNT USED: -

TRANSDUCER AND DATA LOGGER

DATA LOGGER: Databack Datalogger w/ DASYLab Software

TRANSDUCERS	UPPER (1)	MIDDLE (2)	LOWER (3)
RANGE	0-200	0-200	0-200
REMARKS			

INTERVALS TESTED

ZONE	FROM	TO	SWL	PWL	GPM	SPECIFIC CAPACITY	REMARKS SAMPLED
OPEN HOLE							
1	SWL	83	57.76	71.37	0.65	0.05	Yes
2	87.1	TD	57.01	62.48	5.0	0.65	Yes
3							
4							
5							
6							
7							
8							

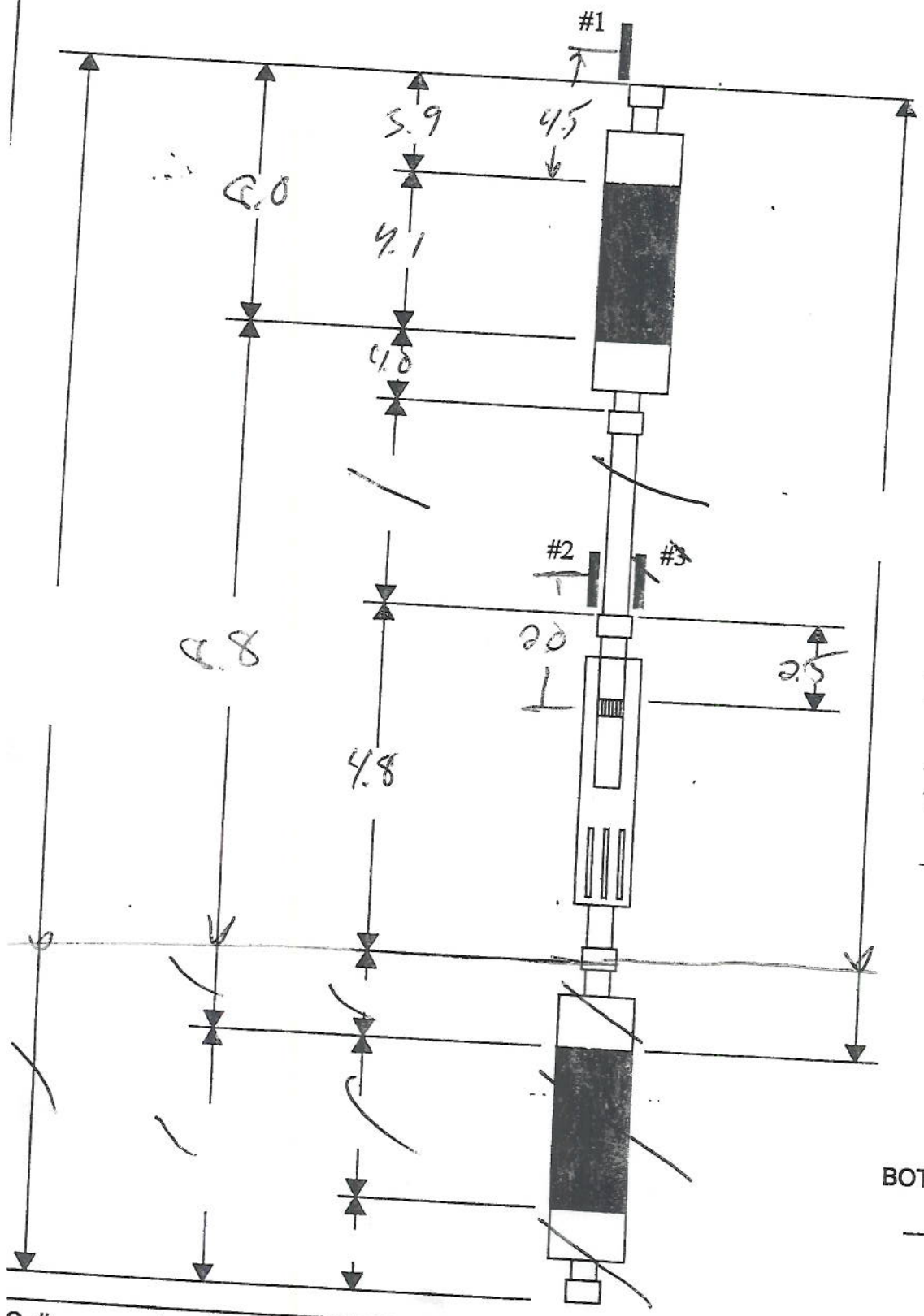
PERSONNEL ON TEST: DP, GS

HOIST: Sweil

GENERATOR: Honda KW

SUPPORT VEHICLE: F250 Supercab & F550

STRADDLE PACKER DIMENSIONS
(UNINFLATED)



TOP PACKER SERIAL #
58.46

TRANSDUCER #1
4DC4

TRANSDUCER #2
4265

TRANSDUCER #3

BOTTOM PACKER SERIAL #
—

O. # 156287	WELL # MW-03	DIAMETER OF PACKERS 5.4 in.	EARTH DATA NORTHEAST, INC.
3 NAME Lowvir	WELL DEPTH 100 ft	DIAMETER OF PUMP 3.5 in.	
TES FROM 8/24/04 TO 8/24/04	WELL DIAMETER 8 in	DIAMETER OF LIFT PIPE 2 in.	

EARTH DATA
NORTHEAST, INC.

PACKER TESTING FIELD INFORMATION

WELL: MW-03 ZONE: 1 DATE: 8/24/04
PROJECT: Baldwin-Reading CLIENT: Louveiro
PERSONNEL: DP GS W.O.#: FS0287

SETTING DEPTHS

Point A:	79.1
Upper Packer - Top:	83
Upper Packer - Bottom:	87.1
Pump Intake	93.6
Lower Packer - Top:	—
Lower Packer - Bottom:	—
Assembly Bottom:	95.9

PACKER INFLATION

TOP	BOTTOM
47	—

DATA COLLECTION CALIBRATION

Configuration Filename: MW03 zn1
ASC Filename: MW03 zn1
Current V = static water level (ft)
Open Air V = transducer depth (ft)

CHANNEL 1	CHANNEL 2	CHANNEL 3
-0.495 V = 57.76	-0.528 V = 57.76	— V = —
-0.433 V = 78.5	-0.429 V = 91.6	— V = —

Additional Calibration Notes:

TEST SEQUENCE

Begin Logging	8 24 46
Start Inflation	8 28 13
Begin Pumping	8 40 35
End Pumping	9 29 20
Totalizer Prior	-2.7
Totalizer Post	56.6
End Logging	9 40 28

HYDRAULIC HEAD DISTRIBUTION (ft)

Open Hole Static Water Level: 57.76

	PRE-INFLATION	POST-INFLATION	PRE-PUMPING	PUMPING LEVEL	RECOVERY
1	57.76	56.60	56.97	71.37	67.63
2	57.78	57.36	57.68	58.47	57.03
3					
4					

Miscellaneous Notes: Redi Flow @ 75', in @ 8:37

PUMPING RECORD

Pumping Zone:	SWL-83
Pumping Rate:	0.65 gpm
Pumping Duration:	48:45
Maximum Drawdown:	14.4
Specific Capacity:	0.05
Nature of Discharge:	Tank
Time of Recovery:	11:08

SLUG TEST SEQUENCE

	TIME	WATER LEVEL (ft)
Start		
Peak		
Recovery		

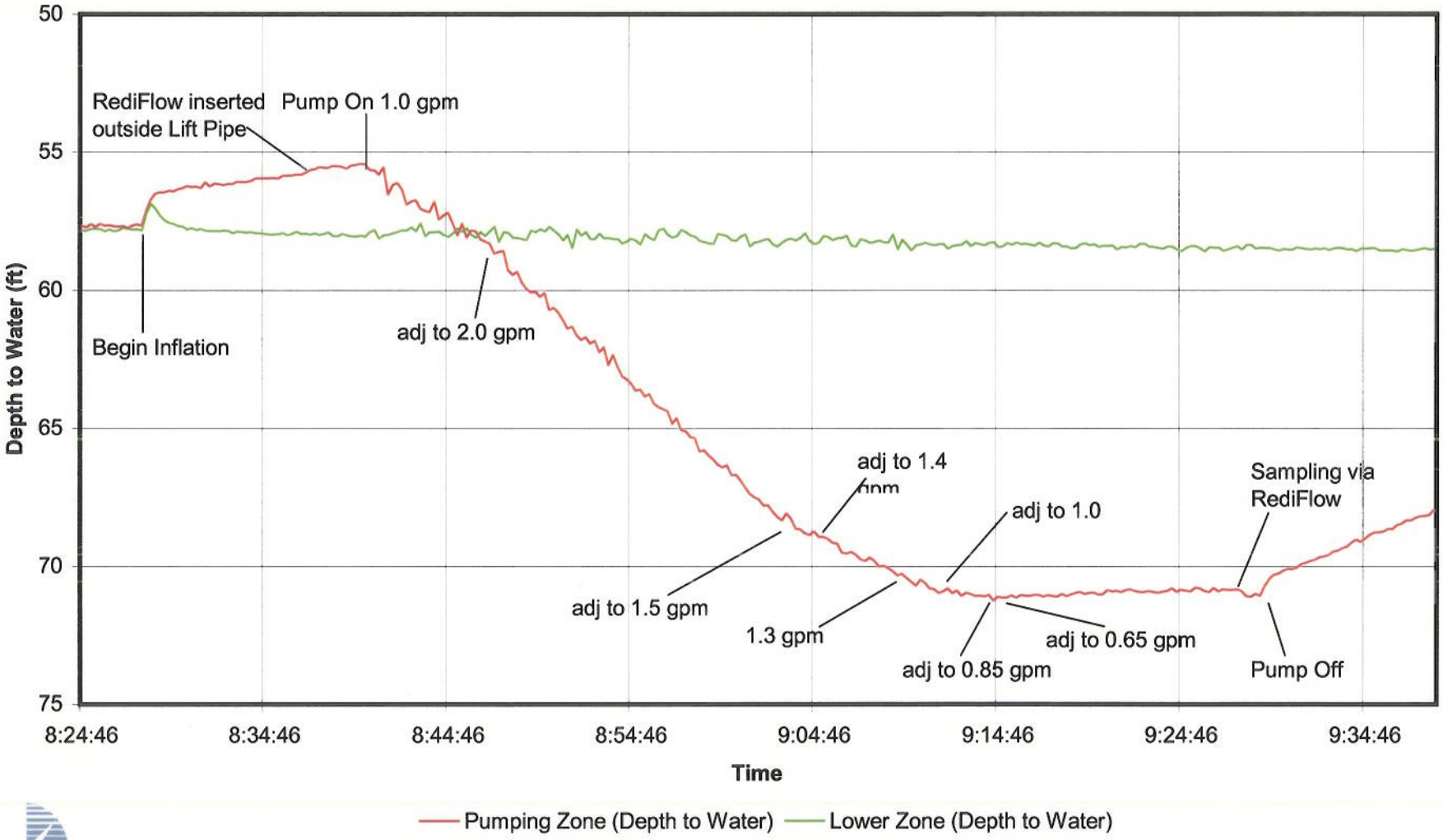
RATE ADJUSTMENTS initial rate - 1.0gpm / 2.0 gpm @ 8:47 / 9:02 - 1.5gpm / 1.4gpm @ 9:05 / 1.3 @ 9:09 1.0gpm @ 9:12 / 0.85gpm @ 9:14 / 0.65gpm @ 9:15

SUMMARY

MW - 03 Zone 1 (SWL-83')

Baldwin Mfg. TCE Site

August 23, 2004



EARTH DATA

Earth Data Northeast, Inc.

Loureiro, Baldwin TCE Site
Well: MW-03
Zone 1 (SWL-83')
Testing Date: 8/24/2004

Data recorded at 15 second intervals

Date	Time	Pumping Zone (Depth to Water)	Lower Zone (Depth to Water)	
8/24/104	8:24:46	57.69	57.85	
8/24/104	8:25:01	57.73	57.85	
8/24/104	8:25:16	57.62	57.80	
8/24/104	8:25:31	57.72	57.78	
8/24/104	8:25:46	57.61	57.80	
8/24/104	8:26:01	57.68	57.88	
8/24/104	8:26:16	57.66	57.82	
8/24/104	8:26:31	57.70	57.88	
8/24/104	8:26:46	57.71	57.84	
8/24/104	8:27:01	57.68	57.74	
8/24/104	8:27:16	57.76	57.79	
8/24/104	8:27:31	57.67	57.82	
8/24/104	8:27:46	57.63	57.80	
8/24/104	8:28:01	57.68	57.85	Begin Inflation
8/24/104	8:28:16	57.14	57.24	
8/24/104	8:28:31	56.74	56.88	
8/24/104	8:28:46	56.51	57.05	
8/24/104	8:29:01	56.47	57.31	
8/24/104	8:29:16	56.47	57.48	
8/24/104	8:29:31	56.41	57.57	
8/24/104	8:29:46	56.43	57.61	
8/24/104	8:30:01	56.35	57.69	
8/24/104	8:30:16	56.31	57.71	
8/24/104	8:30:31	56.23	57.81	
8/24/104	8:30:46	56.27	57.77	
8/24/104	8:31:01	56.25	57.83	
8/24/104	8:31:16	56.31	57.79	
8/24/104	8:31:31	56.10	57.86	
8/24/104	8:31:46	56.26	57.87	
8/24/104	8:32:01	56.15	57.87	
8/24/104	8:32:16	56.17	57.87	
8/24/104	8:32:31	56.20	57.85	
8/24/104	8:32:46	56.15	57.87	
8/24/104	8:33:01	56.15	57.94	
8/24/104	8:33:16	56.08	57.89	
8/24/104	8:33:31	56.09	57.91	
8/24/104	8:33:46	56.09	57.93	
8/24/104	8:34:01	56.05	57.90	
8/24/104	8:34:16	55.96	57.95	
8/24/104	8:34:31	55.95	57.94	
8/24/104	8:34:46	55.96	57.98	

8/24/104	8:35:01	55.96	57.99	
8/24/104	8:35:16	55.95	58.00	
8/24/104	8:35:31	55.97	57.98	
8/24/104	8:35:46	55.86	57.95	
8/24/104	8:36:01	55.86	58.03	
8/24/104	8:36:16	55.85	57.98	
8/24/104	8:36:31	55.82	57.89	
8/24/104	8:36:46	55.83	57.98	
8/24/104	8:37:01	55.76	57.97	
8/24/104	8:37:16	55.66	58.00	
8/24/104	8:37:31	55.63	57.95	
8/24/104	8:37:46	55.56	58.01	
8/24/104	8:38:01	55.57	57.97	
8/24/104	8:38:16	55.57	57.92	
8/24/104	8:38:31	55.50	58.05	
8/24/104	8:38:46	55.51	58.06	
8/24/104	8:39:01	55.54	57.97	
8/24/104	8:39:16	55.60	58.02	
8/24/104	8:39:31	55.50	58.06	
8/24/104	8:39:46	55.46	58.07	
8/24/104	8:40:01	55.43	58.03	
8/24/104	8:40:16	55.45	58.08	
8/24/104	8:40:31	55.65	57.91	Pump On
8/24/104	8:40:46	55.67	57.83	
8/24/104	8:41:01	55.82	58.15	
8/24/104	8:41:16	55.56	58.02	
8/24/104	8:41:31	56.54	58.00	
8/24/104	8:41:46	56.20	57.95	
8/24/104	8:42:01	56.12	57.90	
8/24/104	8:42:16	56.37	57.84	
8/24/104	8:42:31	56.91	57.84	
8/24/104	8:42:46	56.80	57.74	
8/24/104	8:43:01	56.75	57.88	
8/24/104	8:43:16	57.05	57.58	
8/24/104	8:43:31	57.14	58.06	
8/24/104	8:43:46	57.17	57.91	
8/24/104	8:44:01	56.80	57.90	
8/24/104	8:44:16	57.45	57.89	
8/24/104	8:44:31	57.30	58.01	
8/24/104	8:44:46	57.21	58.08	
8/24/104	8:45:01	57.61	57.95	
8/24/104	8:45:16	58.03	57.77	
8/24/104	8:45:31	57.60	57.88	
8/24/104	8:45:46	58.11	57.77	
8/24/104	8:46:01	57.85	58.00	
8/24/104	8:46:16	57.89	58.11	
8/24/104	8:46:31	58.17	57.91	
8/24/104	8:46:46	58.25	58.04	
8/24/104	8:47:01	58.32	57.88	
8/24/104	8:47:16	58.68	57.71	
8/24/104	8:47:31	58.63	58.26	
8/24/104	8:47:46	58.59	57.91	

8/24/104	8:48:01	59.28	57.93
8/24/104	8:48:16	59.45	58.11
8/24/104	8:48:31	59.35	58.12
8/24/104	8:48:46	59.75	58.16
8/24/104	8:49:01	59.97	58.20
8/24/104	8:49:16	60.09	57.85
8/24/104	8:49:31	60.07	57.90
8/24/104	8:49:46	60.25	57.80
8/24/104	8:50:01	60.12	57.87
8/24/104	8:50:16	60.74	57.71
8/24/104	8:50:31	60.66	57.85
8/24/104	8:50:46	60.83	57.99
8/24/104	8:51:01	61.10	58.21
8/24/104	8:51:16	61.41	58.01
8/24/104	8:51:31	61.34	58.49
8/24/104	8:51:46	61.64	57.80
8/24/104	8:52:01	61.82	58.03
8/24/104	8:52:16	61.73	57.91
8/24/104	8:52:31	61.95	58.16
8/24/104	8:52:46	61.85	58.16
8/24/104	8:53:01	62.26	57.96
8/24/104	8:53:16	62.09	58.13
8/24/104	8:53:31	62.73	58.12
8/24/104	8:53:46	62.36	58.16
8/24/104	8:54:01	62.78	58.15
8/24/104	8:54:16	63.13	58.32
8/24/104	8:54:31	63.24	58.24
8/24/104	8:54:46	63.39	58.14
8/24/104	8:55:01	63.65	58.21
8/24/104	8:55:16	63.62	58.36
8/24/104	8:55:31	63.86	57.98
8/24/104	8:55:46	63.78	58.11
8/24/104	8:56:01	64.12	58.20
8/24/104	8:56:16	64.25	57.84
8/24/104	8:56:31	64.32	57.78
8/24/104	8:56:46	64.40	58.00
8/24/104	8:57:01	64.85	58.11
8/24/104	8:57:16	64.66	58.05
8/24/104	8:57:31	65.08	57.83
8/24/104	8:57:46	65.14	57.91
8/24/104	8:58:01	65.34	58.03
8/24/104	8:58:16	65.40	58.08
8/24/104	8:58:31	65.86	58.22
8/24/104	8:58:46	65.83	58.27
8/24/104	8:59:01	66.01	58.32
8/24/104	8:59:16	66.15	58.34
8/24/104	8:59:31	66.34	57.97
8/24/104	8:59:46	66.44	58.01
8/24/104	9:00:01	66.36	58.06
8/24/104	9:00:16	66.70	58.20
8/24/104	9:00:31	66.71	58.23
8/24/104	9:00:46	66.91	58.07

8/24/104	9:01:01	67.17	58.00
8/24/104	9:01:16	67.39	58.43
8/24/104	9:01:31	67.51	58.29
8/24/104	9:01:46	67.59	58.26
8/24/104	9:02:01	67.81	58.20
8/24/104	9:02:16	67.80	58.16
8/24/104	9:02:31	68.04	58.36
8/24/104	9:02:46	68.23	58.44
8/24/104	9:03:01	68.36	58.30
8/24/104	9:03:16	68.10	58.18
8/24/104	9:03:31	68.28	58.14
8/24/104	9:03:46	68.65	58.22
8/24/104	9:04:01	68.68	58.12
8/24/104	9:04:16	68.82	57.96
8/24/104	9:04:31	68.88	58.24
8/24/104	9:04:46	68.76	58.35
8/24/104	9:05:01	68.95	58.30
8/24/104	9:05:16	68.95	58.05
8/24/104	9:05:31	69.02	58.09
8/24/104	9:05:46	69.17	58.21
8/24/104	9:06:01	69.19	58.13
8/24/104	9:06:16	69.52	58.11
8/24/104	9:06:31	69.55	58.04
8/24/104	9:06:46	69.49	58.40
8/24/104	9:07:01	69.59	58.44
8/24/104	9:07:16	69.75	58.16
8/24/104	9:07:31	69.82	58.21
8/24/104	9:07:46	69.70	58.30
8/24/104	9:08:01	69.83	58.27
8/24/104	9:08:16	70.03	58.21
8/24/104	9:08:31	69.99	58.28
8/24/104	9:08:46	70.08	58.28
8/24/104	9:09:01	70.19	57.99
8/24/104	9:09:16	70.34	58.54
8/24/104	9:09:31	70.28	58.19
8/24/104	9:09:46	70.44	58.37
8/24/104	9:10:01	70.57	58.58
8/24/104	9:10:16	70.72	58.38
8/24/104	9:10:31	70.49	58.36
8/24/104	9:10:46	70.61	58.30
8/24/104	9:11:01	70.81	58.36
8/24/104	9:11:16	70.84	58.38
8/24/104	9:11:31	70.97	58.35
8/24/104	9:11:46	70.91	58.34
8/24/104	9:12:01	70.82	58.51
8/24/104	9:12:16	70.99	58.42
8/24/104	9:12:31	70.88	58.38
8/24/104	9:12:46	71.08	58.36
8/24/104	9:13:01	70.97	58.24
8/24/104	9:13:16	71.01	58.41
8/24/104	9:13:31	71.08	58.30
8/24/104	9:13:46	71.07	58.35

8/24/104	9:14:01	71.10	58.38
8/24/104	9:14:16	71.05	58.30
8/24/104	9:14:31	71.24	58.27
8/24/104	9:14:46	71.11	58.46
8/24/104	9:15:01	71.15	58.43
8/24/104	9:15:16	71.14	58.30
8/24/104	9:15:31	71.06	58.37
8/24/104	9:15:46	71.15	58.29
8/24/104	9:16:01	71.05	58.35
8/24/104	9:16:16	71.07	58.33
8/24/104	9:16:31	71.08	58.37
8/24/104	9:16:46	71.04	58.40
8/24/104	9:17:01	71.05	58.29
8/24/104	9:17:16	71.11	58.40
8/24/104	9:17:31	71.05	58.43
8/24/104	9:17:46	71.09	58.31
8/24/104	9:18:01	71.11	58.32
8/24/104	9:18:16	71.01	58.43
8/24/104	9:18:31	71.09	58.42
8/24/104	9:18:46	71.03	58.50
8/24/104	9:19:01	70.97	58.48
8/24/104	9:19:16	70.93	58.36
8/24/104	9:19:31	71.01	58.31
8/24/104	9:19:46	70.97	58.39
8/24/104	9:20:01	70.97	58.35
8/24/104	9:20:16	71.03	58.44
8/24/104	9:20:31	71.02	58.41
8/24/104	9:20:46	70.87	58.42
8/24/104	9:21:01	70.91	58.39
8/24/104	9:21:16	70.90	58.55
8/24/104	9:21:31	70.94	58.45
8/24/104	9:21:46	70.87	58.46
8/24/104	9:22:01	70.84	58.42
8/24/104	9:22:16	70.91	58.45
8/24/104	9:22:31	70.93	58.33
8/24/104	9:22:46	70.93	58.33
8/24/104	9:23:01	70.90	58.43
8/24/104	9:23:16	70.93	58.45
8/24/104	9:23:31	70.96	58.48
8/24/104	9:23:46	70.93	58.52
8/24/104	9:24:01	70.90	58.43
8/24/104	9:24:16	70.80	58.43
8/24/104	9:24:31	70.93	58.54
8/24/104	9:24:46	70.86	58.60
8/24/104	9:25:01	70.88	58.48
8/24/104	9:25:16	70.92	58.41
8/24/104	9:25:31	70.78	58.41
8/24/104	9:25:46	70.81	58.49
8/24/104	9:26:01	70.89	58.61
8/24/104	9:26:16	70.94	58.46
8/24/104	9:26:31	70.79	58.46
8/24/104	9:26:46	70.92	58.47

8/24/104	9:27:01	70.84	58.59	
8/24/104	9:27:16	70.86	58.53	
8/24/104	9:27:31	70.86	58.48	
8/24/104	9:27:46	70.84	58.42	
8/24/104	9:28:01	70.90	58.54	
8/24/104	9:28:16	71.09	58.38	
8/24/104	9:28:31	71.11	58.37	
8/24/104	9:28:46	71.00	58.51	
8/24/104	9:29:01	71.07	58.48	
8/24/104	9:29:16	70.73	58.49	Pump Off
8/24/104	9:29:31	70.46	58.48	
8/24/104	9:29:46	70.31	58.53	
8/24/104	9:30:01	70.27	58.58	
8/24/104	9:30:16	70.17	58.52	
8/24/104	9:30:31	70.10	58.54	
8/24/104	9:30:46	70.11	58.54	
8/24/104	9:31:01	70.05	58.45	
8/24/104	9:31:16	69.93	58.50	
8/24/104	9:31:31	69.88	58.52	
8/24/104	9:31:46	69.81	58.54	
8/24/104	9:32:01	69.76	58.51	
8/24/104	9:32:16	69.67	58.53	
8/24/104	9:32:31	69.65	58.50	
8/24/104	9:32:46	69.59	58.56	
8/24/104	9:33:01	69.47	58.51	
8/24/104	9:33:16	69.44	58.47	
8/24/104	9:33:31	69.35	58.49	
8/24/104	9:33:46	69.29	58.54	
8/24/104	9:34:01	69.15	58.53	
8/24/104	9:34:16	69.05	58.60	
8/24/104	9:34:31	69.13	58.50	
8/24/104	9:34:46	69.01	58.51	
8/24/104	9:35:01	68.87	58.50	
8/24/104	9:35:16	68.79	58.49	
8/24/104	9:35:31	68.78	58.57	
8/24/104	9:35:46	68.75	58.57	
8/24/104	9:36:01	68.66	58.57	
8/24/104	9:36:16	68.66	58.58	
8/24/104	9:36:31	68.51	58.61	
8/24/104	9:36:46	68.47	58.53	
8/24/104	9:37:01	68.34	58.56	
8/24/104	9:37:16	68.35	58.59	
8/24/104	9:37:31	68.25	58.56	
8/24/104	9:37:46	68.19	58.52	
8/24/104	9:38:01	68.18	58.49	
8/24/104	9:38:16	68.15	58.54	
8/24/104	9:38:31	67.97	58.52	

EARTH DATA
NORTHEAST, INC.

PACKER TESTING FIELD INFORMATION

WELL: MW-03 ZONE: 2 DATE: 8/29/04
PROJECT: Baldwin - Reading CLIENT: Lourein
PERSONNEL: DP GS W.O.#: FS0287

SETTING DEPTHS

Point A:	79.1
Upper Packer - Top:	83
Upper Packer - Bottom:	87.1
Pump Intake	93.6
Lower Packer - Top:	–
Lower Packer - Bottom:	–
Assembly Bottom:	95.9

PACKER INFLATION

TOP	BOTTOM
47	–

DATA COLLECTION CALIBRATION

Configuration Filename: MW 03 m2
ASC Filename: MW 03 m2
Current V = static water level (ft)
Open Air V = transducer depth (ft)

CHANNEL 1	CHANNEL 2	CHANNEL 3
-0.486 V = 57.01	-0.51 V = 57.01	– V = –
-0.433 V = 78.5	-0.429 V = 91.6	– V = –

Additional Calibration Notes:

TEST SEQUENCE

Begin Logging	9 48 17
Start Inflation	9 51 19
Begin Pumping	9 57 39
End Pumping	10 21 37
Totalizer Prior	0.1
Totalizer Post	110.1
End Logging	10 34 02

HYDRAULIC HEAD DISTRIBUTION (ft)

Open Hole Static Water Level: 57.01

	PRE-INFLATION	POST-INFLATION	PRE-PUMPING	PUMPING LEVEL	RECOVERY
1	55.10	53.53	52.45	50.72	50.06
2	55.76	54.43	54.82	62.48	56.54
3					
4					

Miscellaneous Notes:

PUMPING RECORD

Pumping Zone:	87.1 - TD
Pumping Rate:	5.0 gpm
Pumping Duration:	25:58
Maximum Drawdown:	7.66
Specific Capacity:	~~[illegible]~~ 0.65
Nature of Discharge:	Tank
Time of Recovery:	12:25

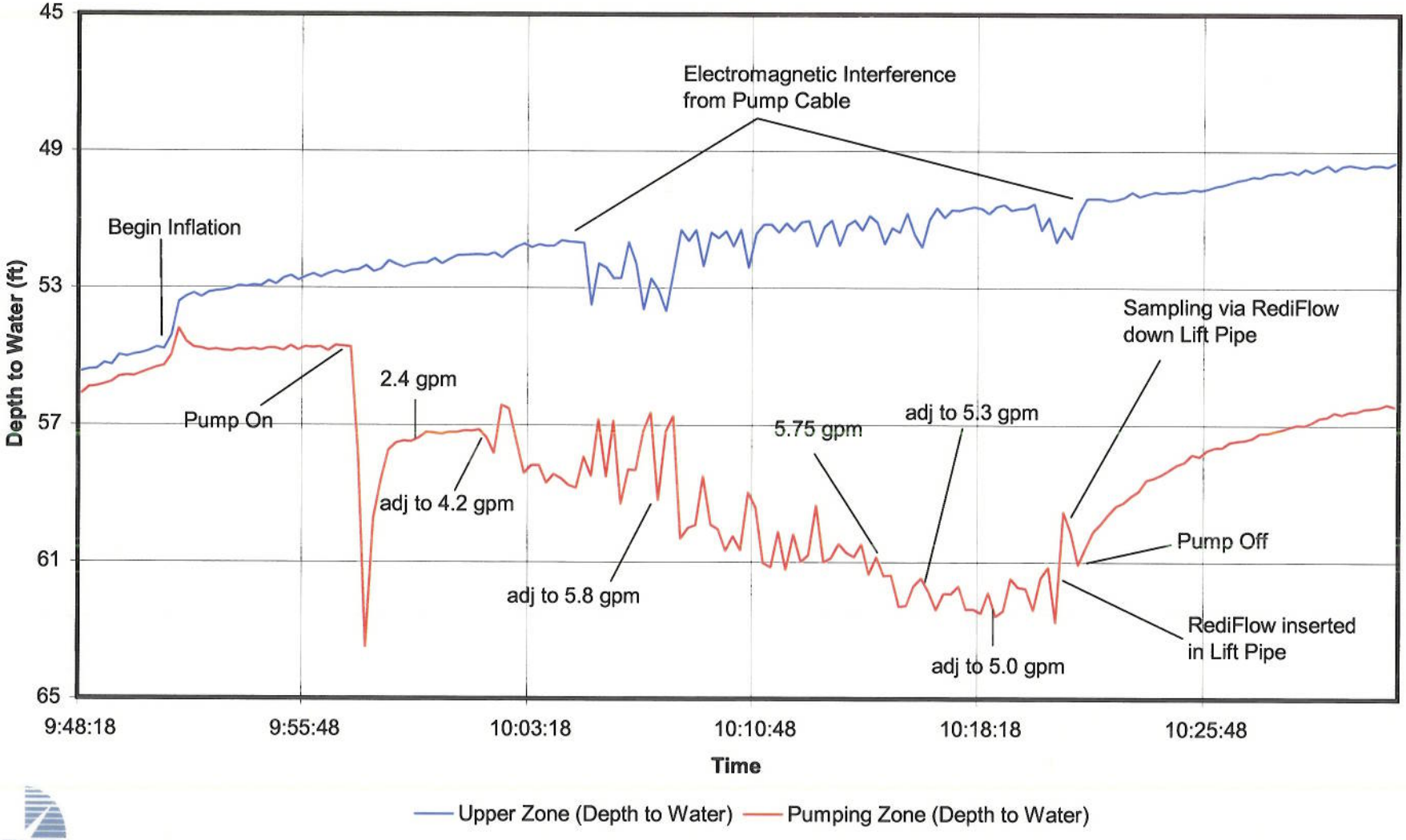
SLUG TEST SEQUENCE

	TIME	WATER LEVEL (ft)
Start		
Peak		
Recovery		

RATE ADJUSTMENTS initial rate - 0.9gpm / 2.4gpm @ 9:59 / 4.2gpm @ 10:02 / 5.8gpm @ 10:07
5.75 @ 10:15 / 5.3 @ 10:16 / 5.0gpm @ 10:18

SUMMARY

MW - 03 Zone 2 (87'-TD)
Baldwin Mfg. TCE Site
August 24, 2004



EARTH DATA