



**YOUNGQUIST BROTHERS, Inc**  
GEOPHYSICAL LOGGING DIVISION

**TEMPERATURE LOG**

Company WATER RESOURCE SLTS.  
Well IW #1  
Field NCWRF  
County COLLIER  
State FL

Company WATER RESOURCE SOLUTIONS, INC.  
Well IW #1  
Field NCWRF  
County COLLIER  
State FLORIDA  
Location SE 1/4 S27 T48S R25E  
Permanent Datum PAD  
Log Measured From GROUND LEVEL  
Drilling Measured From  
Elevation 15'  
Other Services SEE COMMENTS  
Elevation K.B. N/A  
D.F. 20.5'  
G.L. 15'

Date 10-FEB-2003  
Run Number THREE  
Depth Driller 1450'  
Depth Logger 1456'  
Bottom Logged Interval 1456'  
Top Log Interval CASING  
Open Hole Size 12.25"  
Type Fluid WATER  
Density / Viscosity N/A  
Max. Recorded Temp. 87 DEGF  
Estimated Cement Top N/A  
Time Well Ready 1200  
Time Logger on Bottom 1245  
Equipment Number 103  
Location FT MYERS  
Recorded By DENISON/BARRETT  
Witnessed By N. KUGLER

| Borehole Record |          | Tubing Record |       |      |        |      |    |
|-----------------|----------|---------------|-------|------|--------|------|----|
| Run Number      | Bit Size | From          | To    | Size | Weight | From | To |
| ONE             | 59.5"    | SURFACE       | 415'  |      |        |      |    |
| TWO             | 12.25"   | CASING        | 1450' |      |        |      |    |

| Casing Record |           | Surface String |        | Prot. String |           | Production String |        |
|---------------|-----------|----------------|--------|--------------|-----------|-------------------|--------|
| Size          | Wgt/ft    | Top            | Bottom | Size         | Wgt/ft    | Top               | Bottom |
| 60"           | 3.75 W.T. | SURFACE        | 8'     | 48"          | 3.75 W.T. | SURFACE           | 410'   |

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

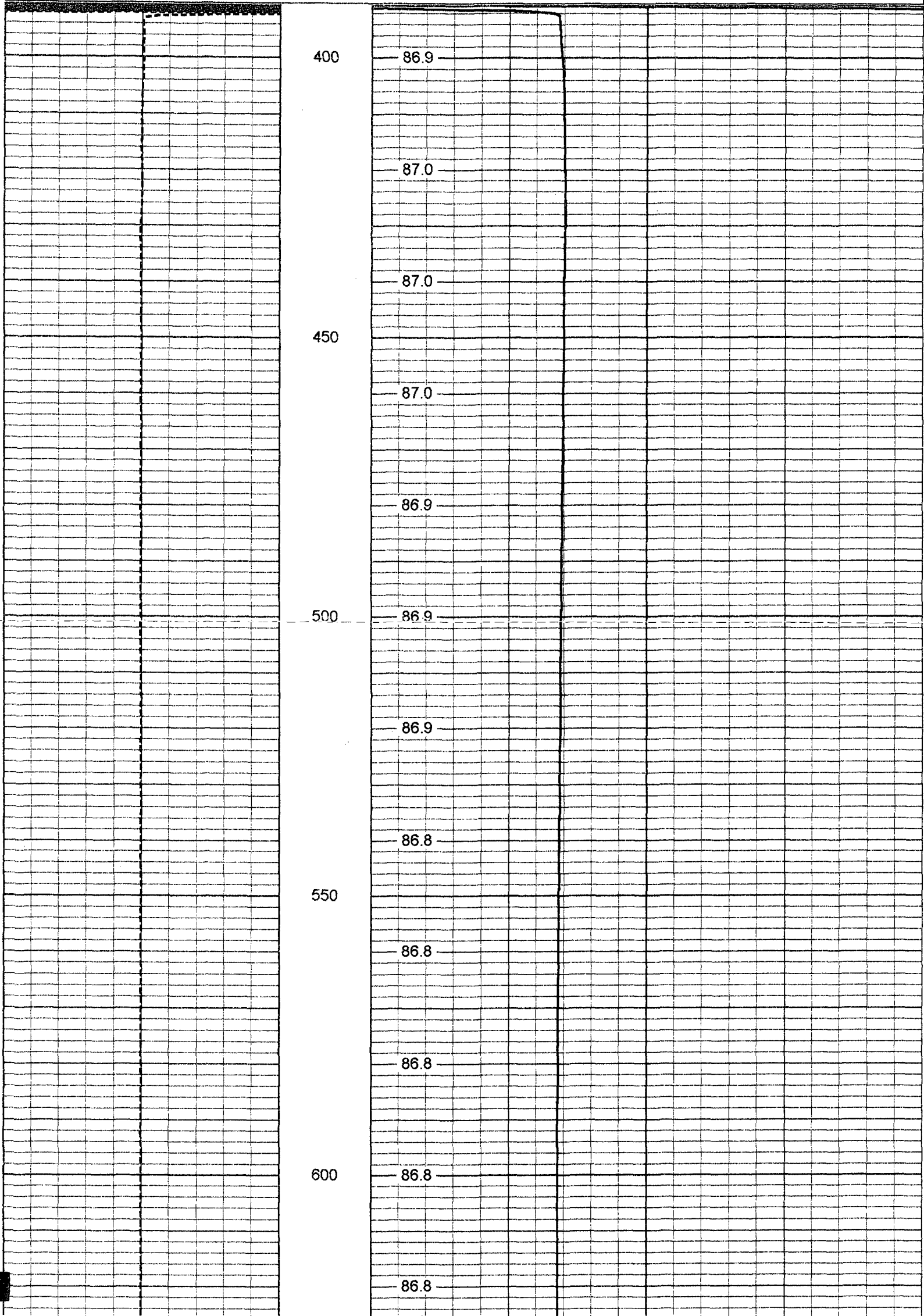
**Comments**

OTHER SERVICES:  
SONIC  
DIL/LL3/SP  
X-Y CALIPER  
FLOWMETER



**TEMPERATURE**

Database File: ncolliw1.db  
Dataset Pathname: run3/pass7  
Presentation Format: temp  
Dataset Creation: Mon Feb 10 12:10:40 2003 by Log 6.2\_B4



650

86.8

86.7

86.7

700

86.7

86.7

86.7

750

86.7

86.7

800

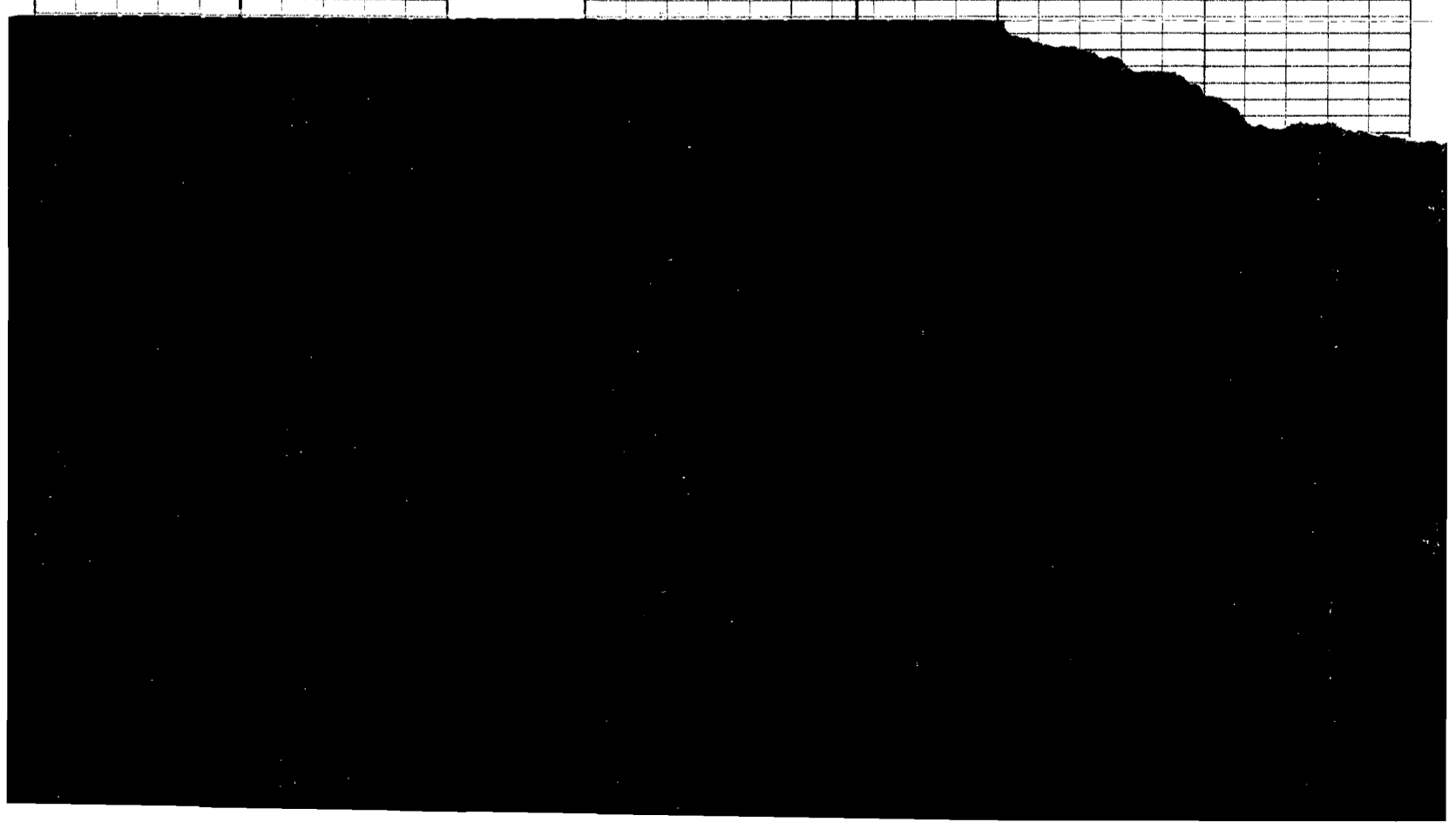
86.7

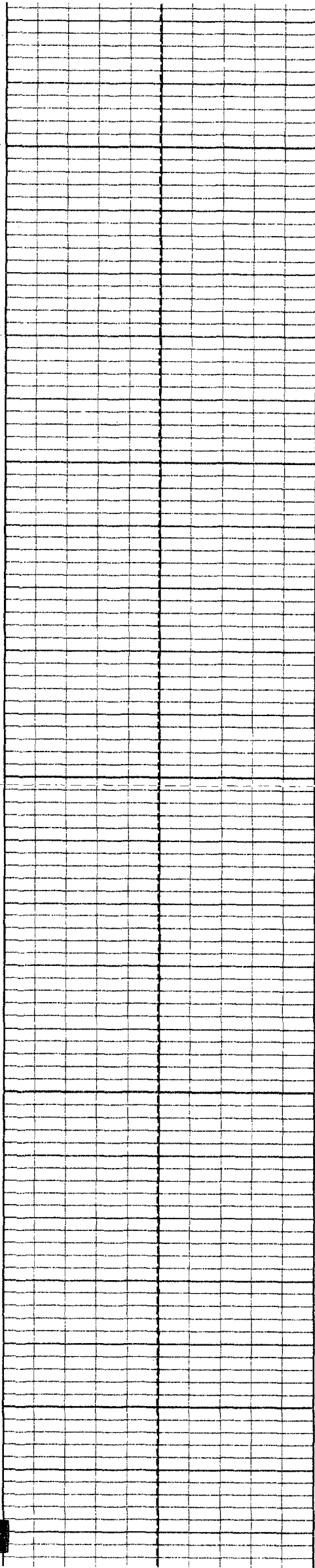
86.6

86.6

850

86.6





900

950

1000

1050

1100

86.6

86.6

86.6

86.6

86.6

86.5

86.5

86.5

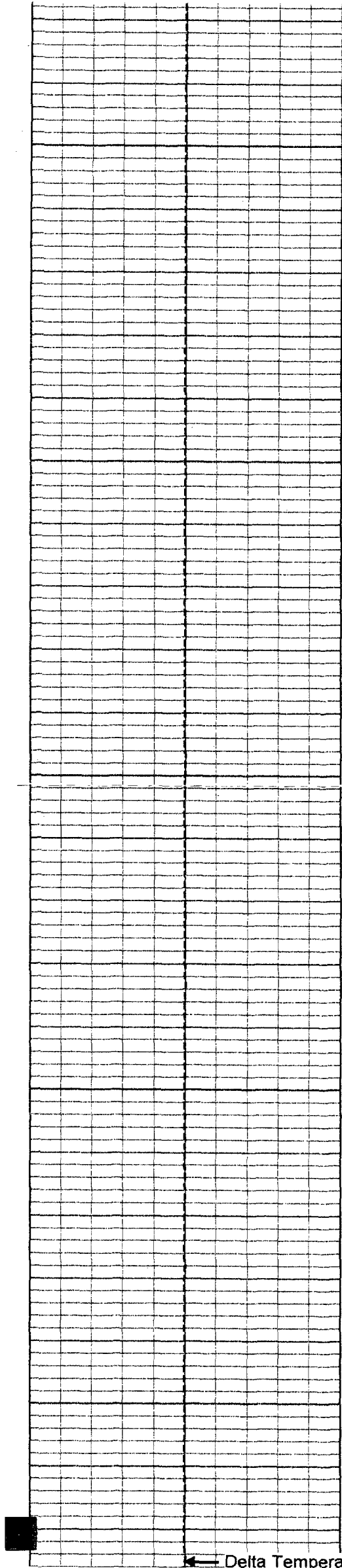
86.5

86.6

86.5

86.6

86.6



1150

86.6

86.5

86.5

1200

86.5

86.5

86.5

1250

86.5

86.6

1300

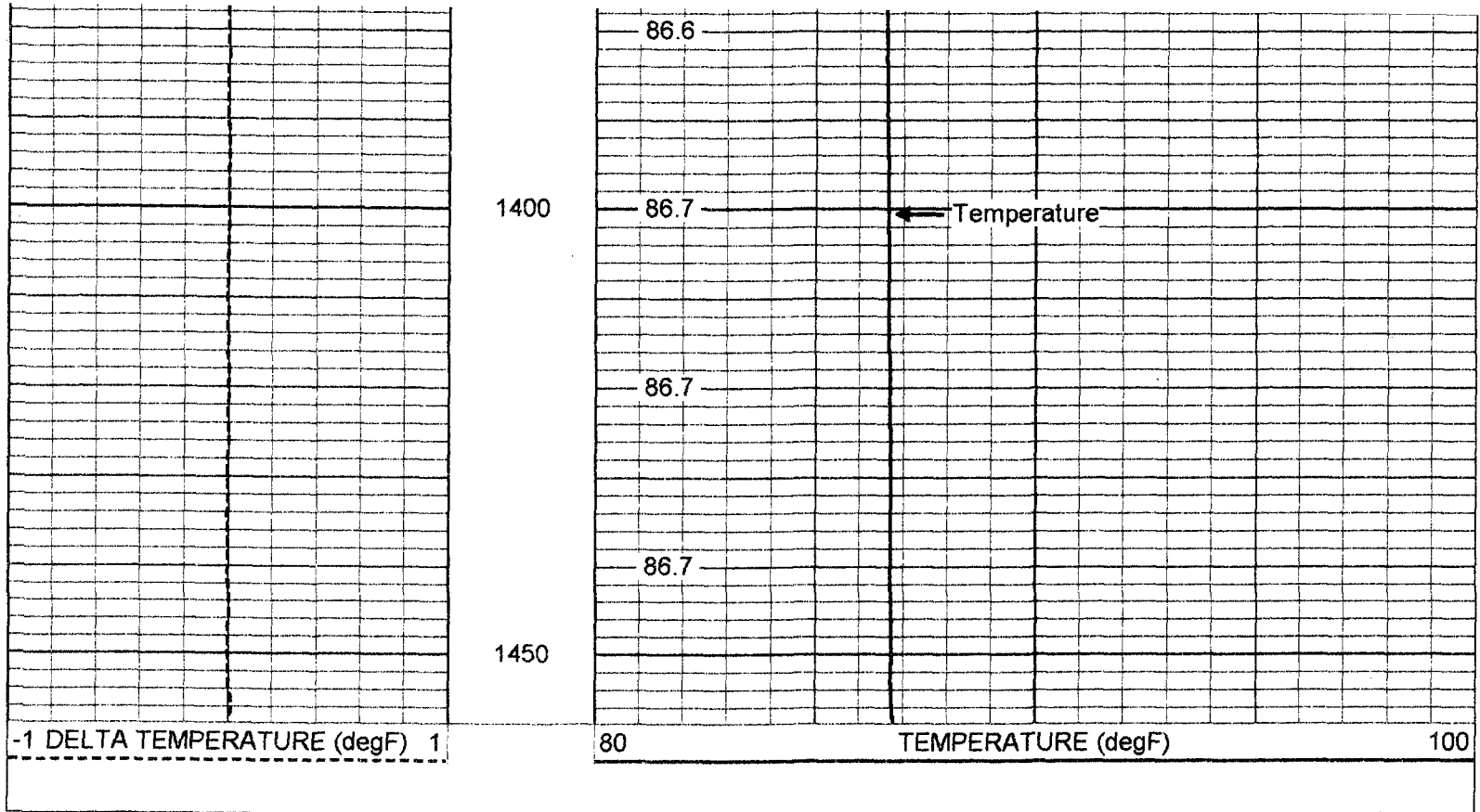
86.6

86.6

86.6

1350

86.6 ← Temperature



**Temperature Calibration Report**

|  |                |                          |  |
|--|----------------|--------------------------|--|
|  | Serial Number: | 16                       |  |
|  | Tool Model:    | MLS                      |  |
|  | Performed:     | Wed Aug 30 10:29:15 2000 |  |

| Point # | Reading |     | Reference    |
|---------|---------|-----|--------------|
| 1       | 320     | cps | 32      degF |
| 2       | 700     | cps | 70      degF |
| 3       | 2000    | cps | 200     degF |

