



**SUPERIOR**  
**Hays,**  
**Kansas**

## DUAL INDUCTION LOG

|                              |                           |                     |                                           |
|------------------------------|---------------------------|---------------------|-------------------------------------------|
| Company                      | TETON ENERGY CORP.        |                     |                                           |
| Well                         | LACEY #3-20               |                     |                                           |
| Field                        | HOISINGTON SOUTHEAST      |                     |                                           |
| County                       | BARTON                    |                     |                                           |
| State                        | KANSAS                    |                     |                                           |
| Company                      | TETON ENERGY CORPORATION  |                     |                                           |
| Well                         | LACEY #3-20               |                     |                                           |
| Field                        | HOISINGTON SOUTHEAST      |                     |                                           |
| County                       | BARTON                    |                     |                                           |
| State                        | KANSAS                    |                     |                                           |
| Location:                    | API # : 15-009-25213-0000 |                     | Other Services<br>CDL/CNL/PE<br>MEL/SONIC |
| SEC 20 TWP 17S RGE 13W       |                           | Elevation           |                                           |
| Permanent Datum              | GROUND LEVEL              | Elevation           | 1911                                      |
| Log Measured From            | KELLY BUSHING 9' A.G.L.   |                     |                                           |
| Drilling Measured From       | KELLY BUSHING             |                     |                                           |
| Date                         | 6/5/08                    |                     |                                           |
| Run Number                   | CNE                       |                     |                                           |
| Depth Driller                | 3560                      |                     |                                           |
| Depth Logger                 | 3558                      |                     |                                           |
| Bottom Logged Interval       | 3556                      |                     |                                           |
| Top Log Interval             | 00                        |                     |                                           |
| Casing Driller               | 8 5/8"@940'               |                     |                                           |
| Casing Logger                | 937                       |                     |                                           |
| Bit Size                     | 7 7/8                     |                     |                                           |
| Type Fluid in Hole           | CHEMICAL MUD              | CHLORIDES 8,000 PPM |                                           |
| Density / Viscosity          | 9.2/58                    |                     |                                           |
| pH / Fluid Loss              | 11.5/8.8                  |                     |                                           |
| Source of Sample             | FLOWLINE                  |                     |                                           |
| Rm @ Meas. Temp              | 1.40@84F                  |                     |                                           |
| Rmf @ Meas. Temp             | 1.05@84F                  |                     |                                           |
| Rmc @ Meas. Temp             | 1.68@84F                  |                     |                                           |
| Source of Rmf / Rmc          | MEASUREMENT               |                     |                                           |
| Rm @ BHT                     | 1.05@112F                 |                     |                                           |
| Time Circulation Stopped     | 2 HOURS                   |                     |                                           |
| Time Logger on Bottom        |                           |                     |                                           |
| Maximum Recorded Temperature | 112F                      |                     |                                           |
| Equipment Number             | 0836                      |                     |                                           |
| Location                     | HAYS, KANSAS              |                     |                                           |
| Recorded By                  | JEFF LUEBBERS             |                     |                                           |
| Witnessed By                 | BRUCE ARD                 |                     |                                           |

<<< 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

THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785)628-6395  
DIRECTIONS  
(HWY 4 & 281 JUNCTION) GO E. ON HWY 4 TO CURVE, JOG N. THEN E. TO NEXT COUNTY RD. 1N.,  
1/4E. N. INTO



**SUPERIOR**  
**Hays,**  
**Kansas**

# MAIN SECTION

Database File: 001595pe.db  
Dataset Pathname: pass3.5  
Presentation Format: dil2  
Dataset Creation: Fri Jun 06 01:59:07 2008 by Calc Open-Cased 060407  
Charted by: Depth in Feet scaled 1:600

|      |                  |     |
|------|------------------|-----|
| 0    | Gamma Ray (GAPI) | 150 |
| -100 | SP (mV)          | 100 |

---

|   |                        |    |
|---|------------------------|----|
| 0 | RLL3 (Ohm-m)           | 50 |
| 0 | Deep Induction (Ohm-m) | 50 |

---

|      |               |   |
|------|---------------|---|
| 1000 | CILD (mmho-m) | 0 |
|------|---------------|---|

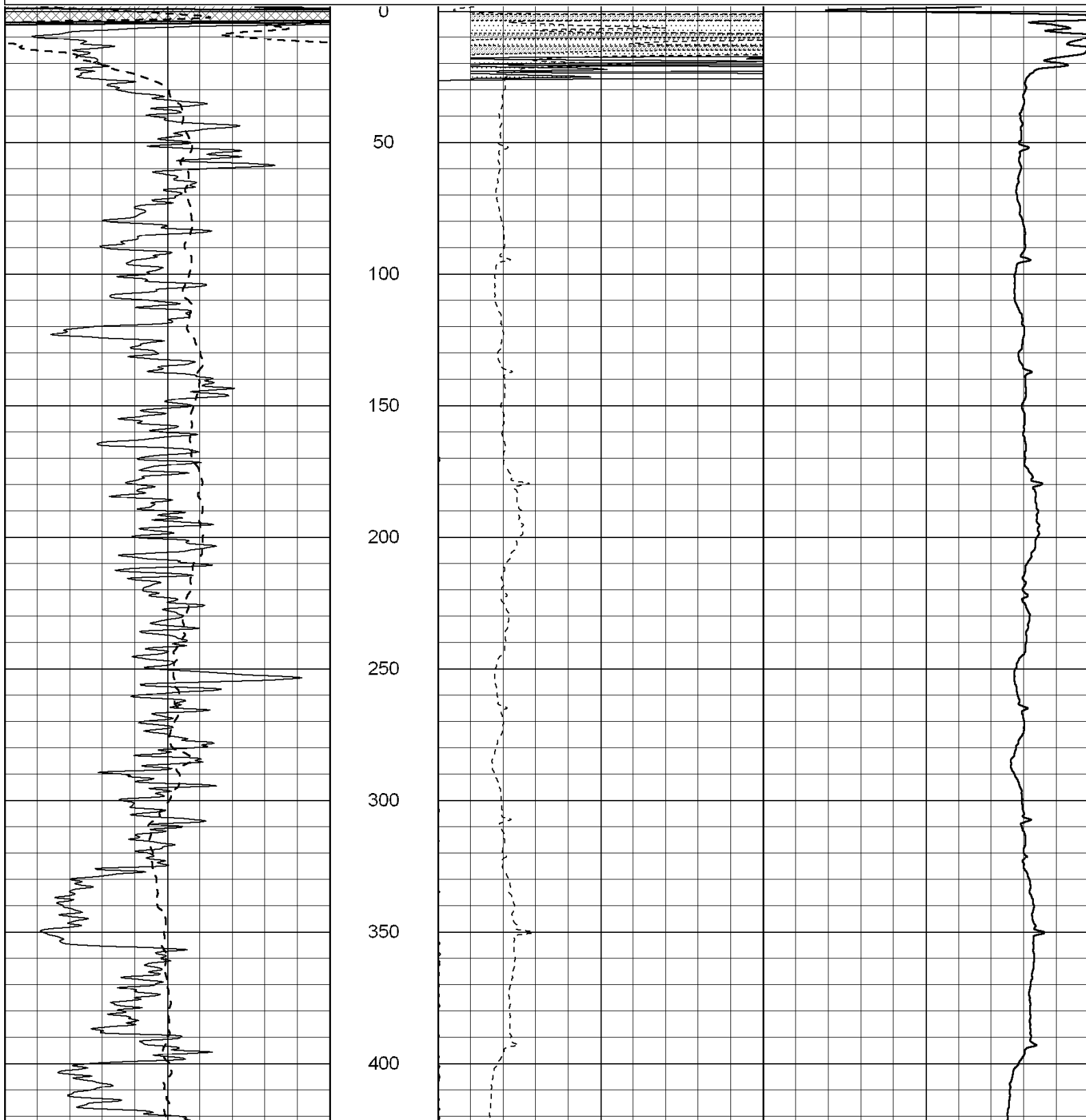
---

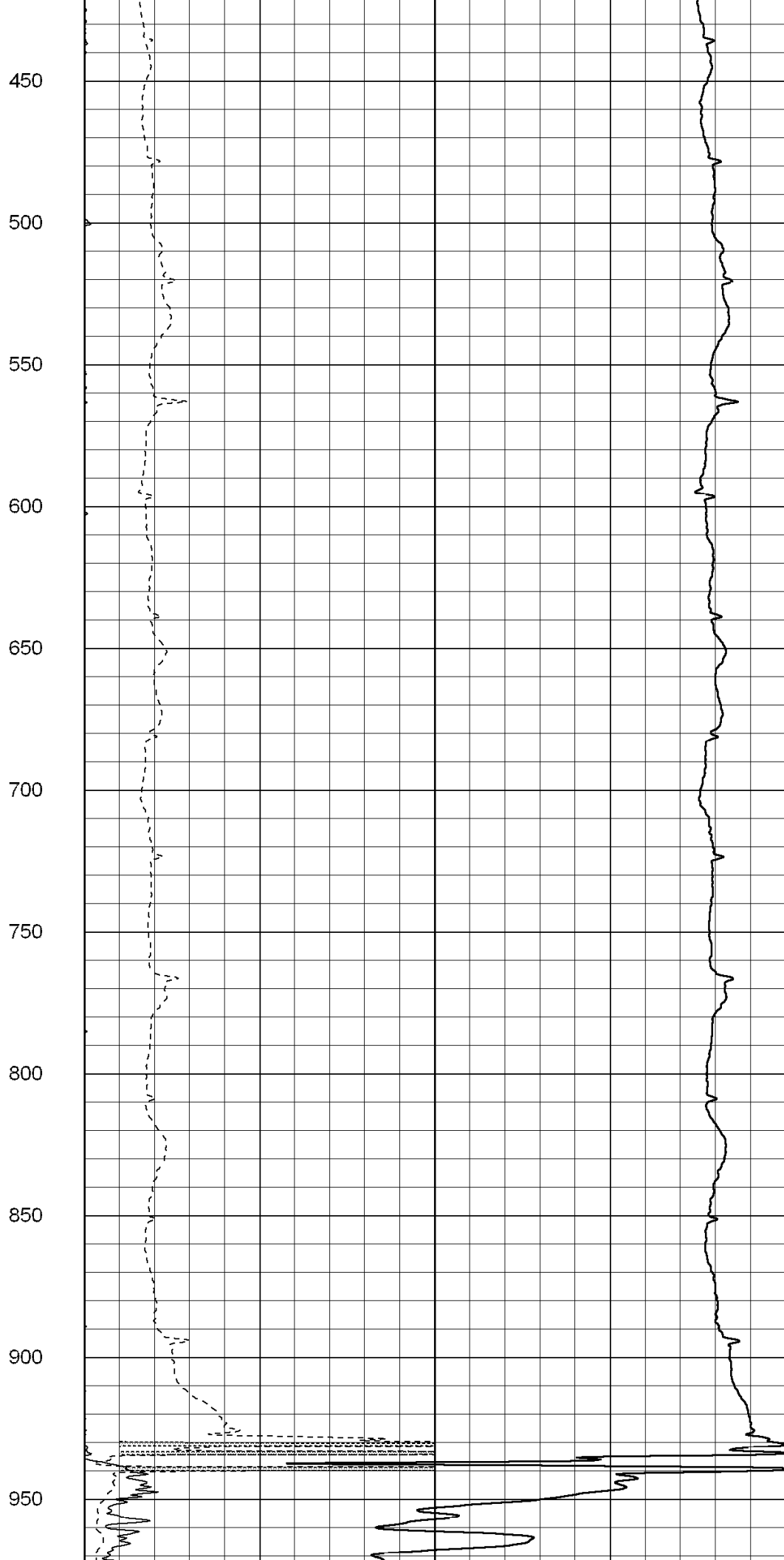
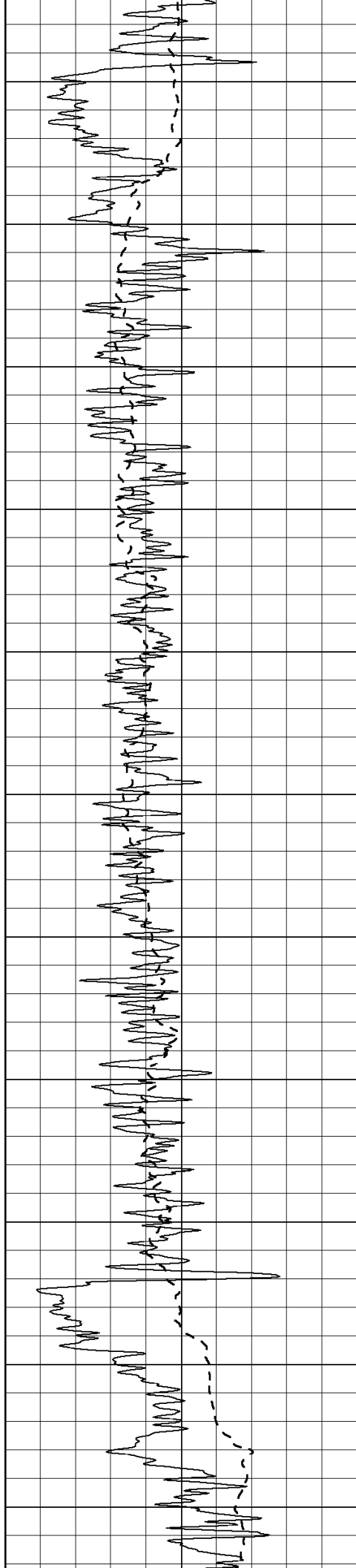
|    |                  |     |
|----|------------------|-----|
| 50 | RILD X10 (Ohm-m) | 500 |
|----|------------------|-----|

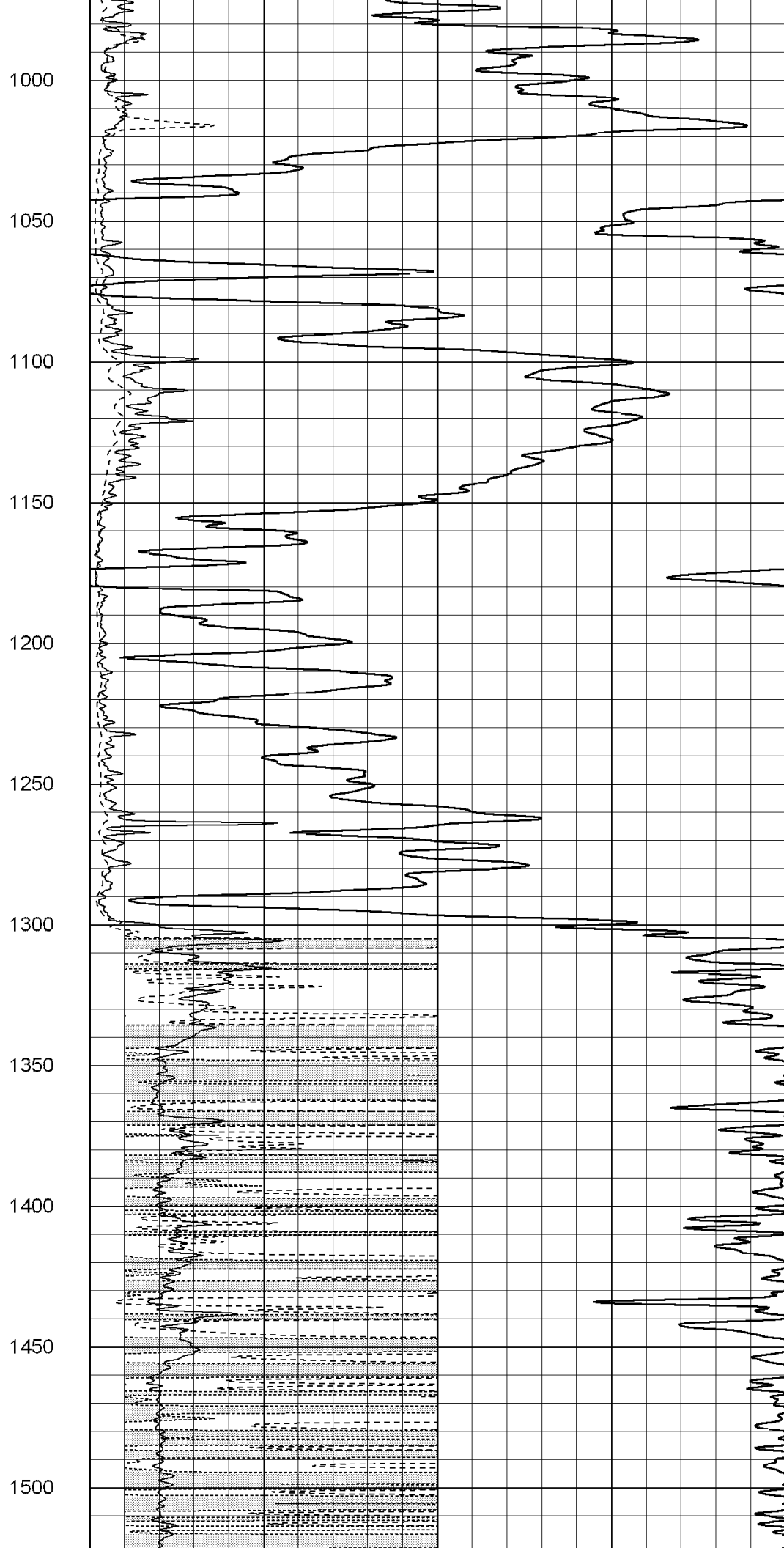
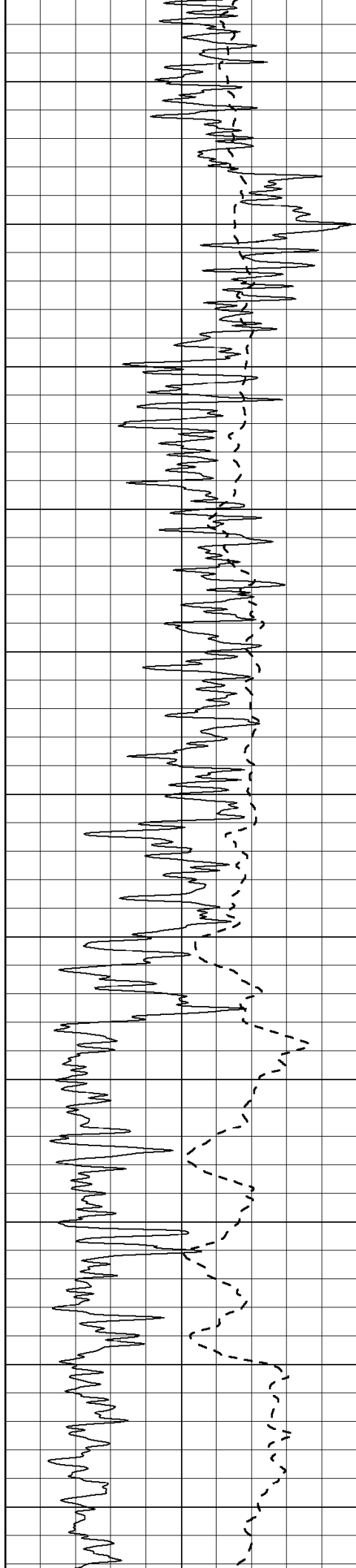
---

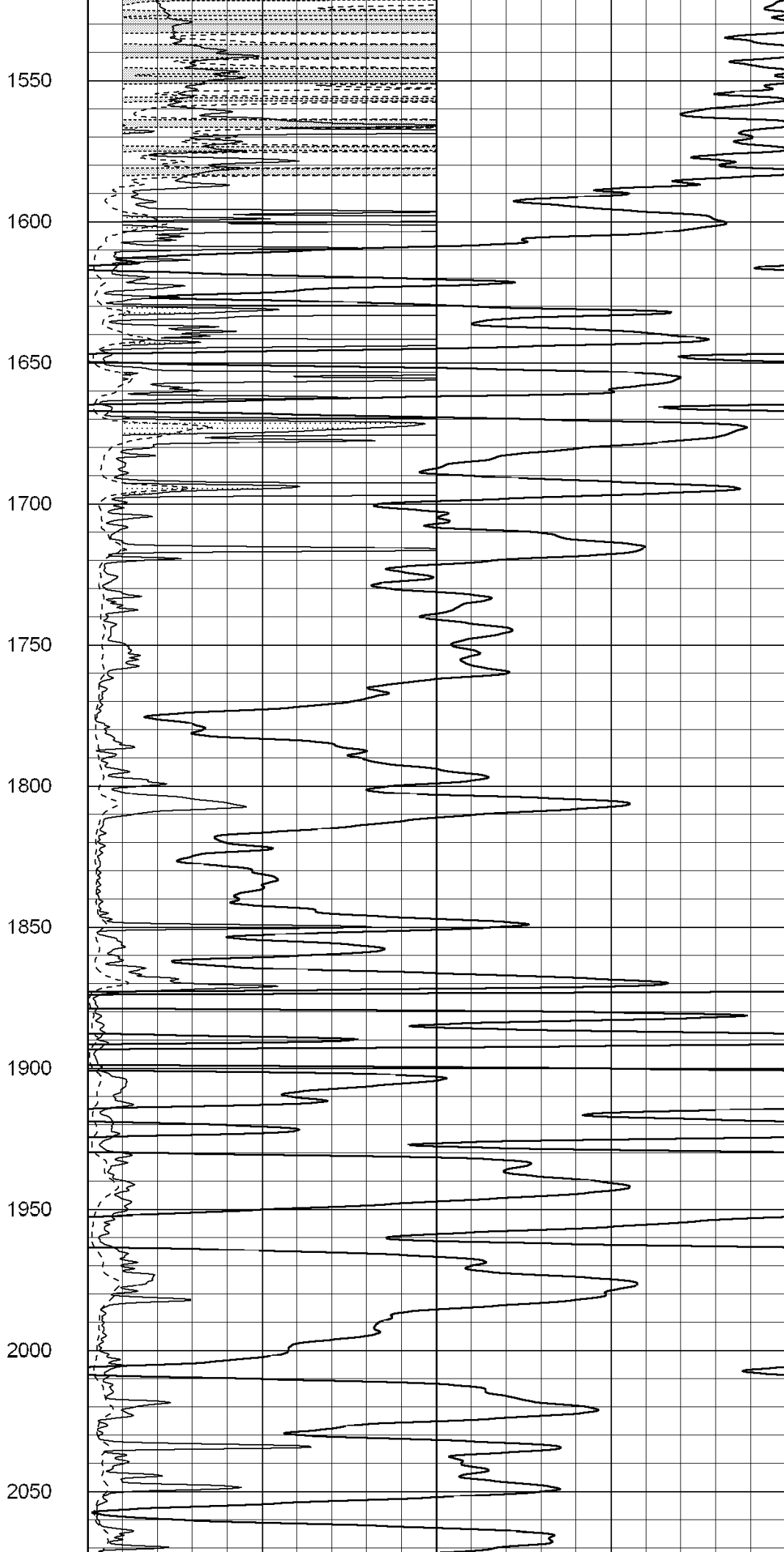
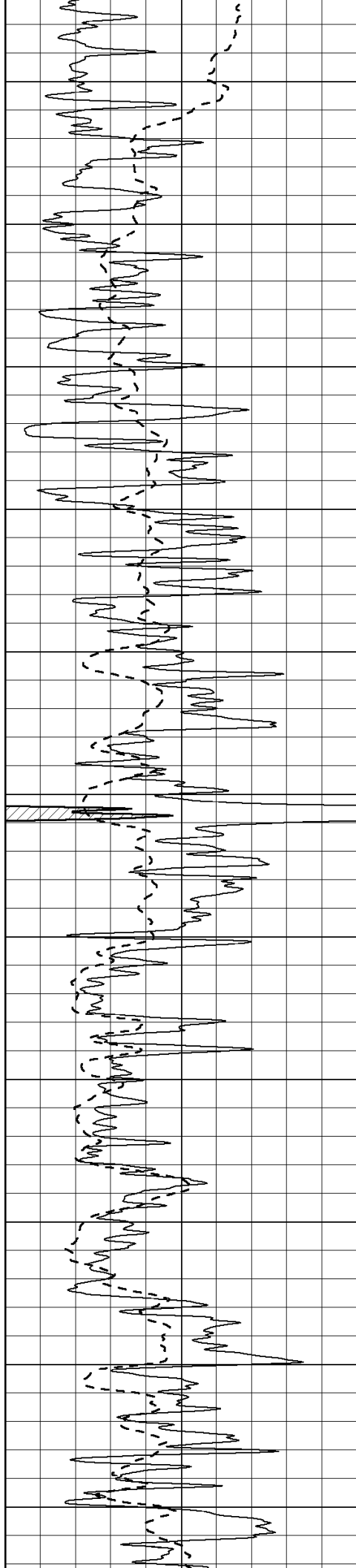
|    |                  |     |
|----|------------------|-----|
| 50 | RLL3 X10 (Ohm-m) | 500 |
|----|------------------|-----|

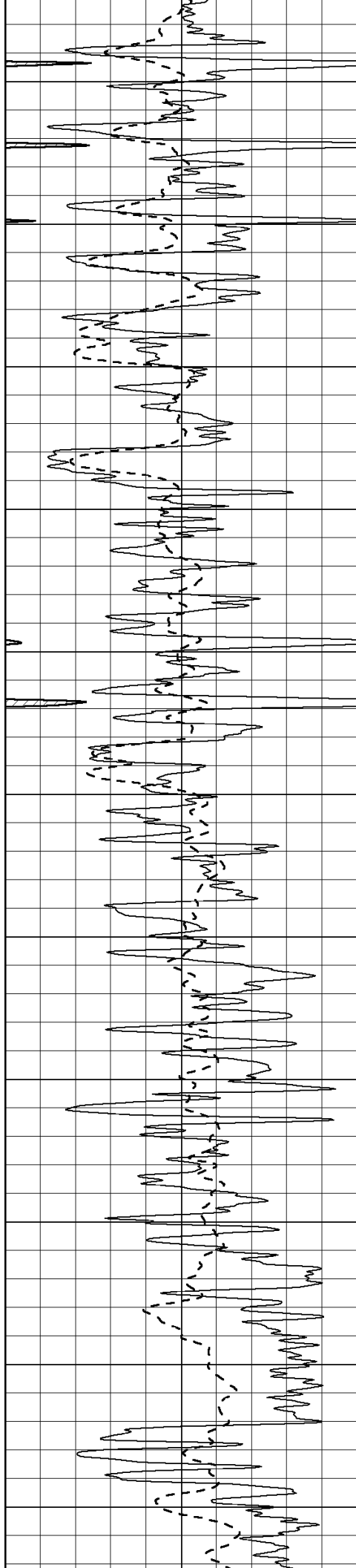
---











2100

2150

2200

2250

2300

2350

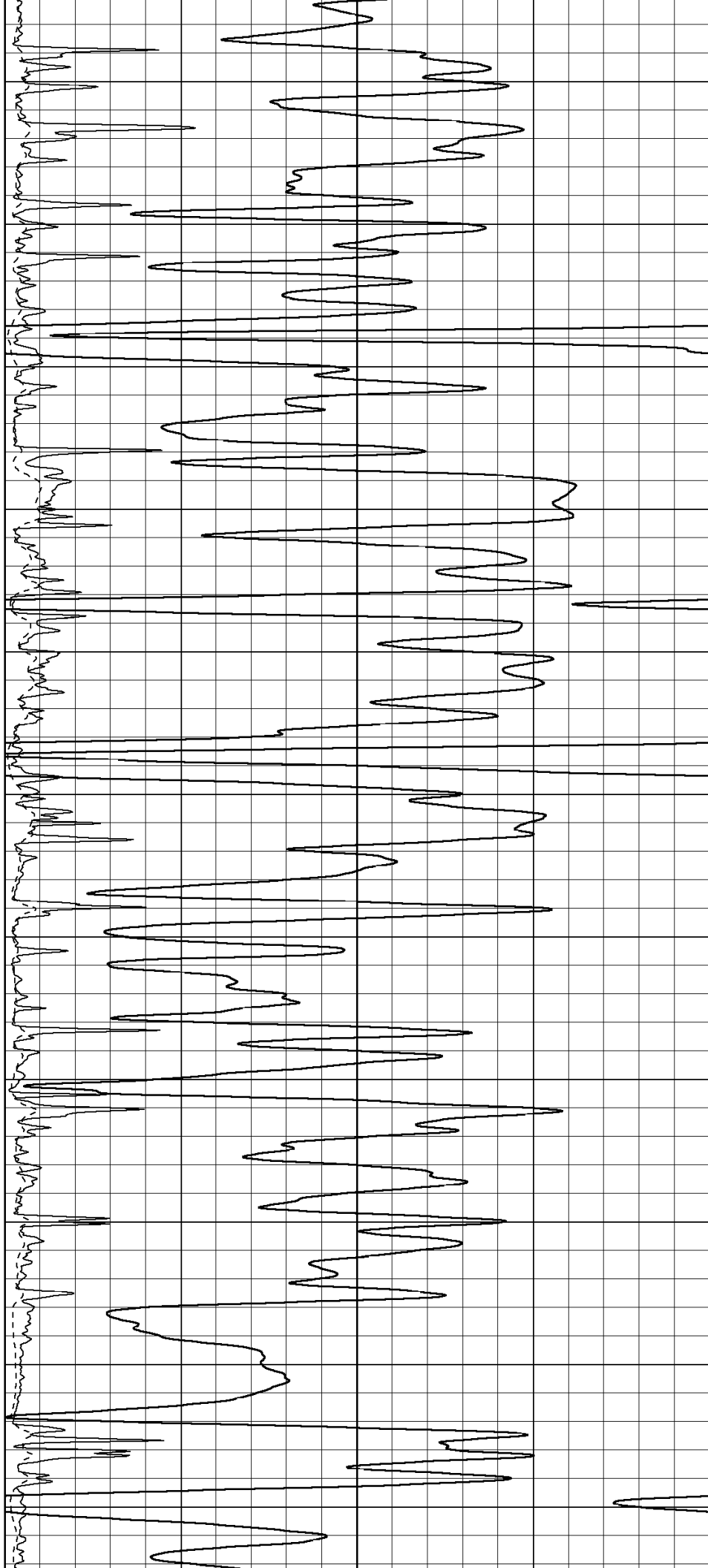
2400

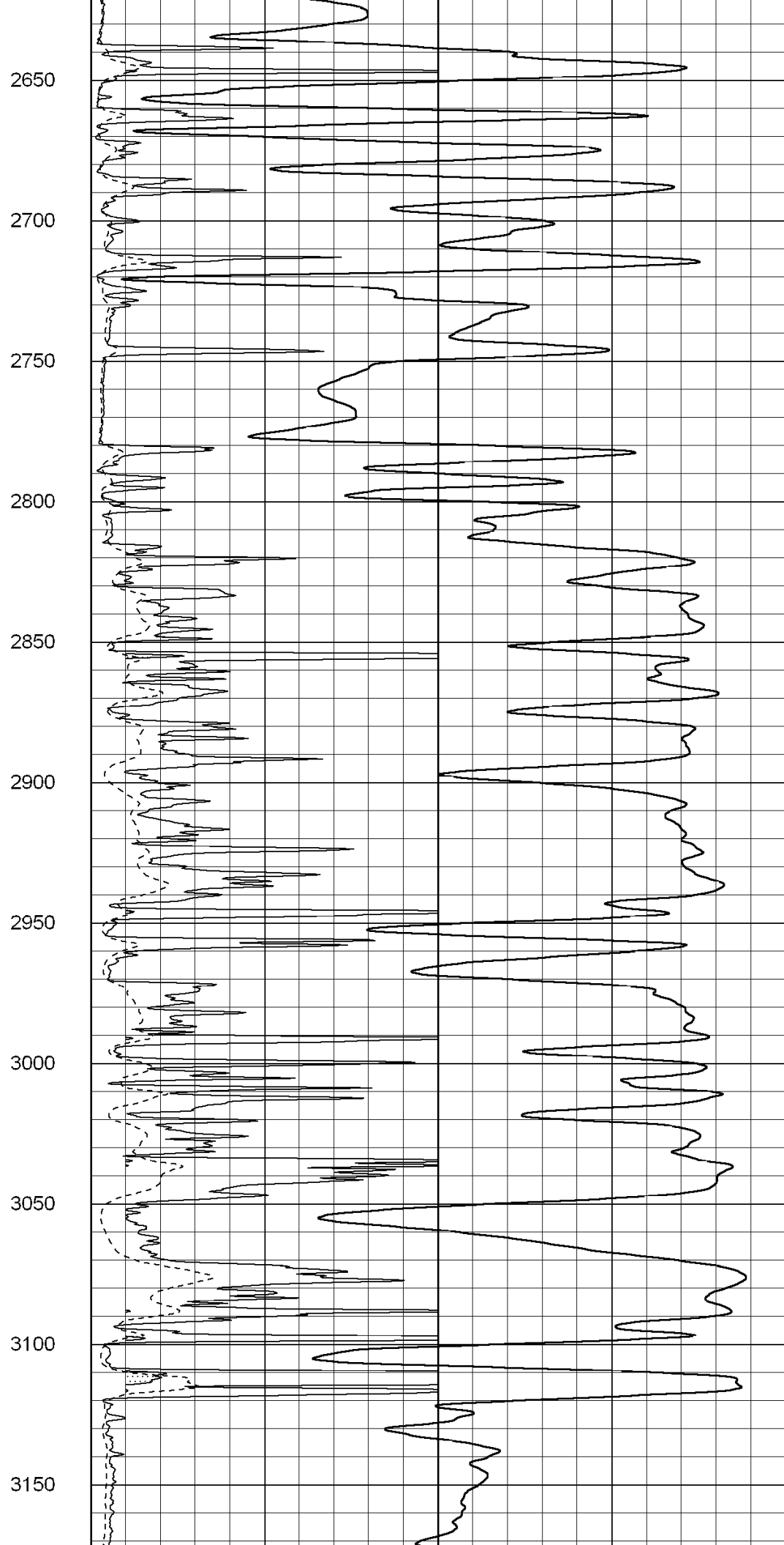
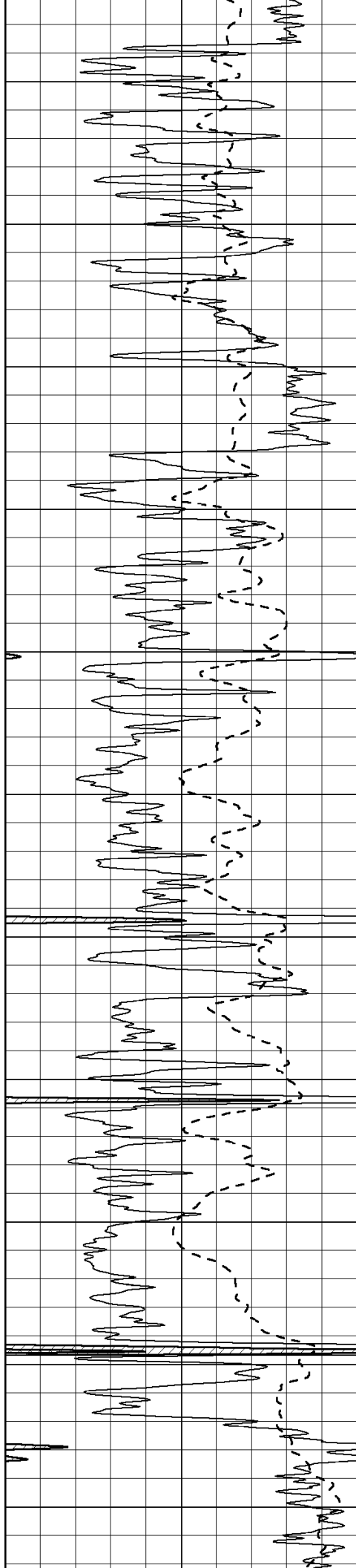
2450

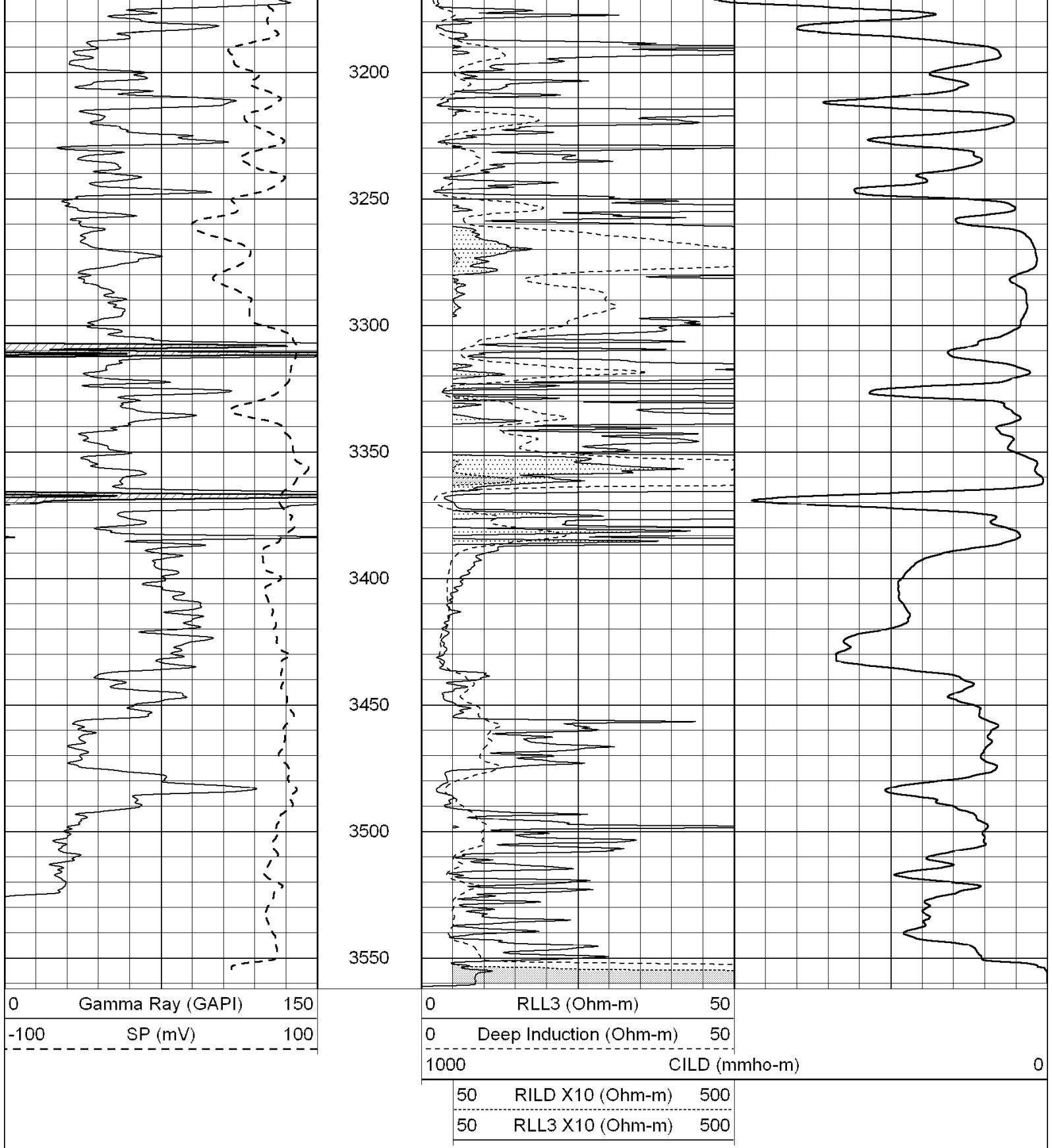
2500

2550

2600







SUPERIOR  
Hays,  
Kansas

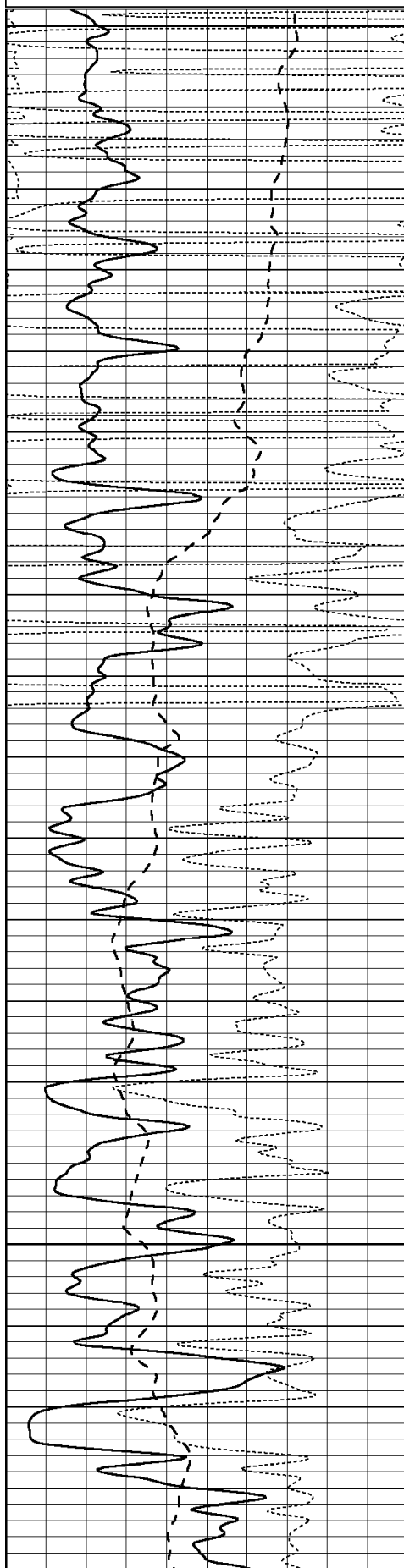
# MAIN SECTION

Database File: 001595pe.db  
Dataset Pathname: pass3.5  
Presentation Format: dil  
Dataset Creation: Fri Jun 06 01:50:07 2008 by Gale Open Coord 060407

Depth in Feet scaled 1:240

|      |                  |     |
|------|------------------|-----|
| 0    | GAMMA RAY (GAPI) | 150 |
| -100 | SP (mV)          | 100 |
| -250 | Rxo/Rt           | 50  |

|     |                          |      |
|-----|--------------------------|------|
| 0.2 | RLL3 (Ohm-m)             | 2000 |
| 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |
| 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |

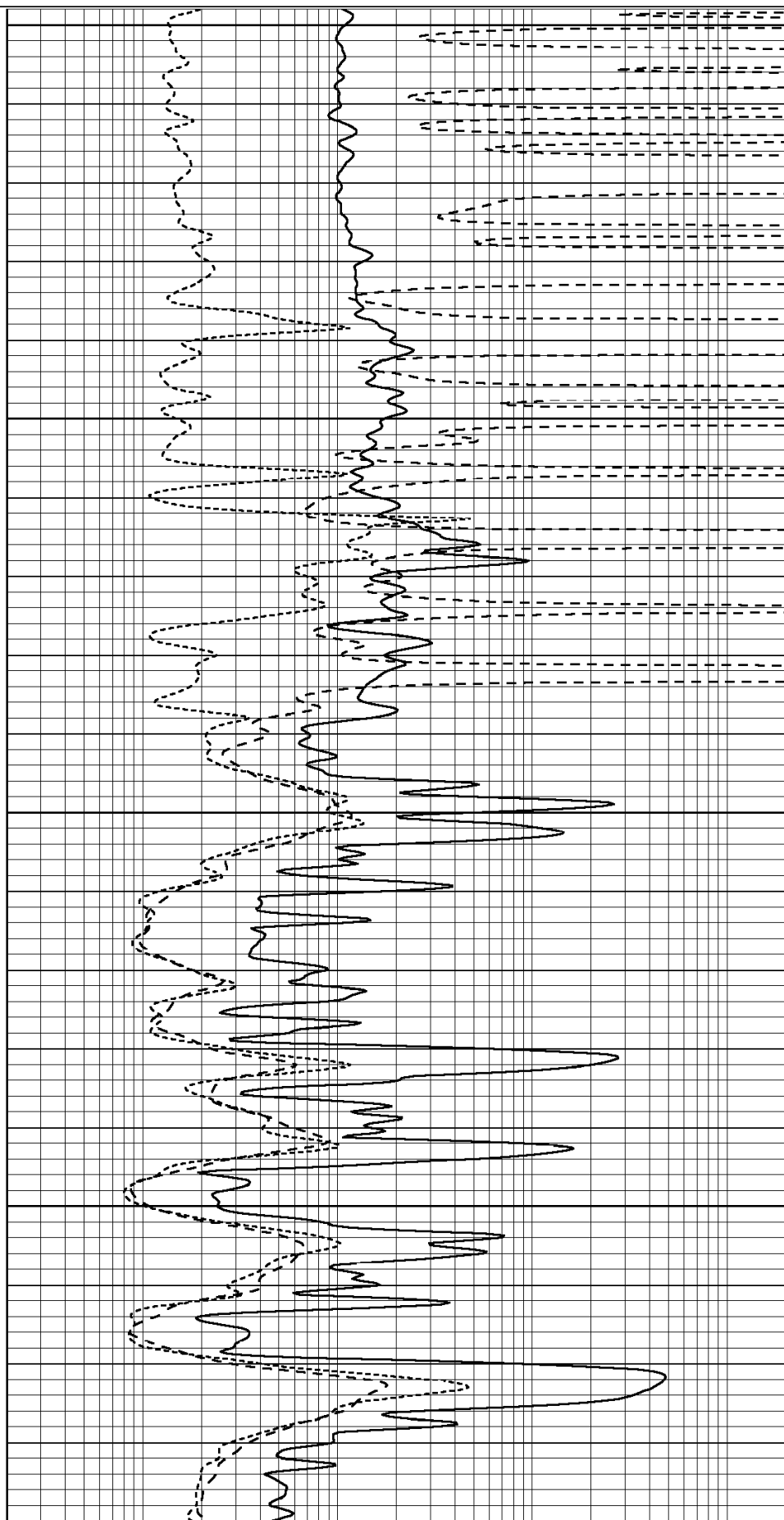


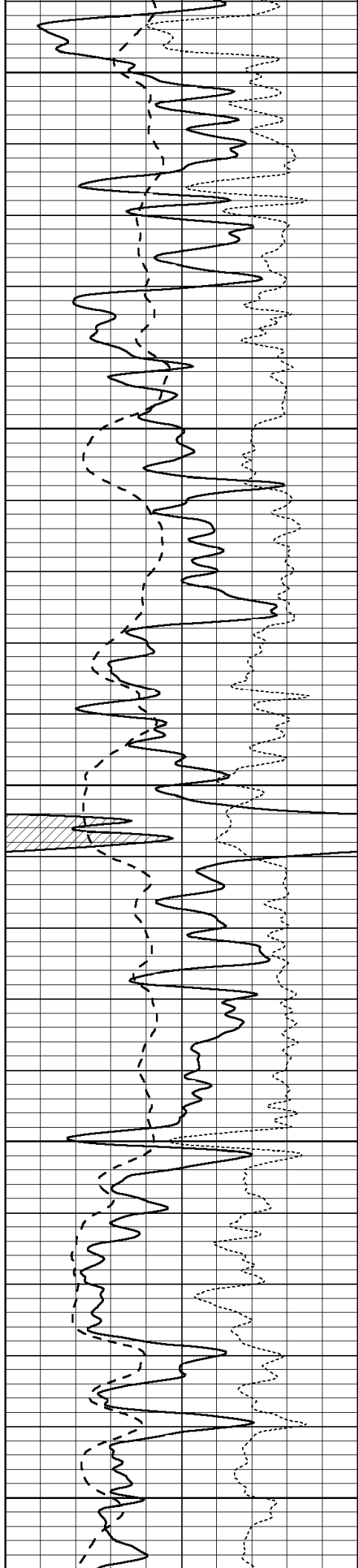
1500

1550

1600

1650





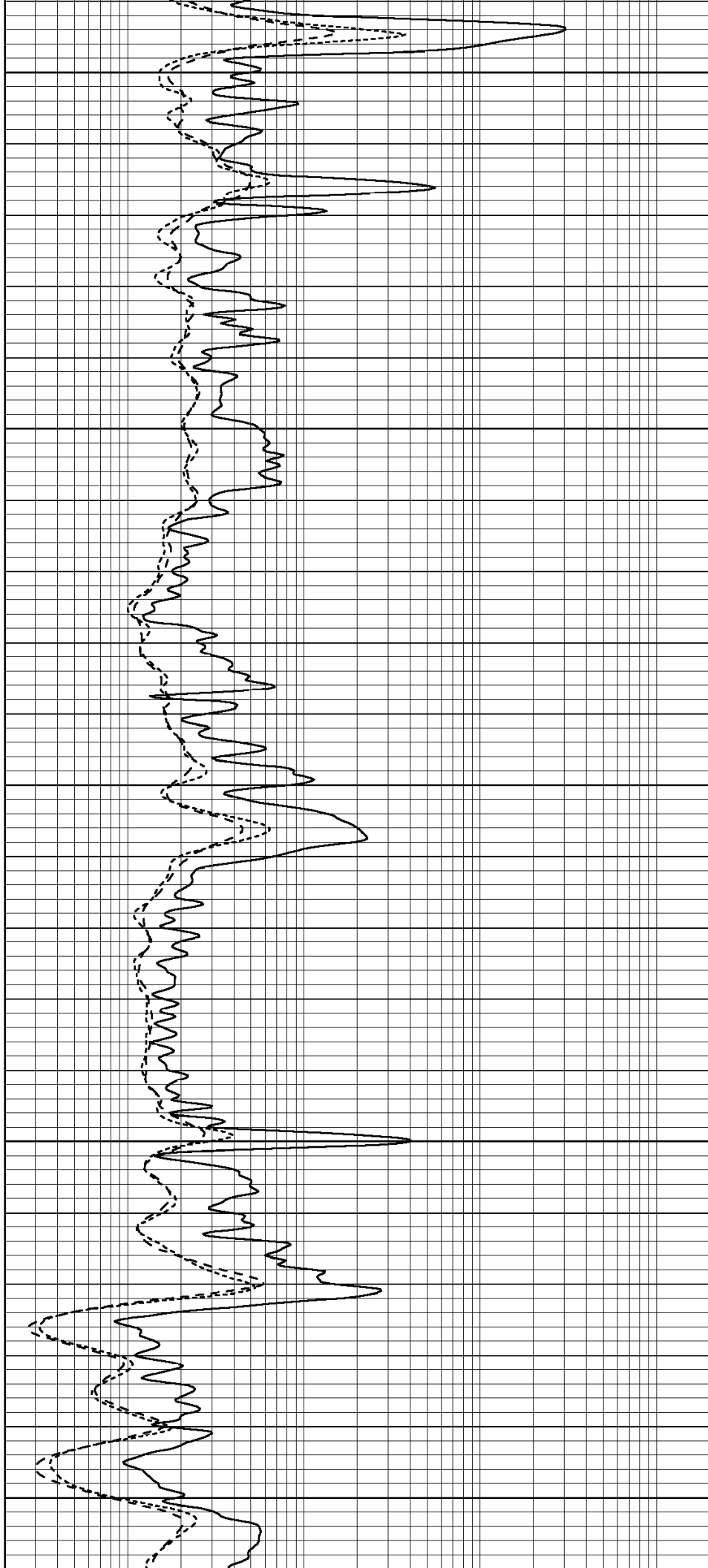
1700

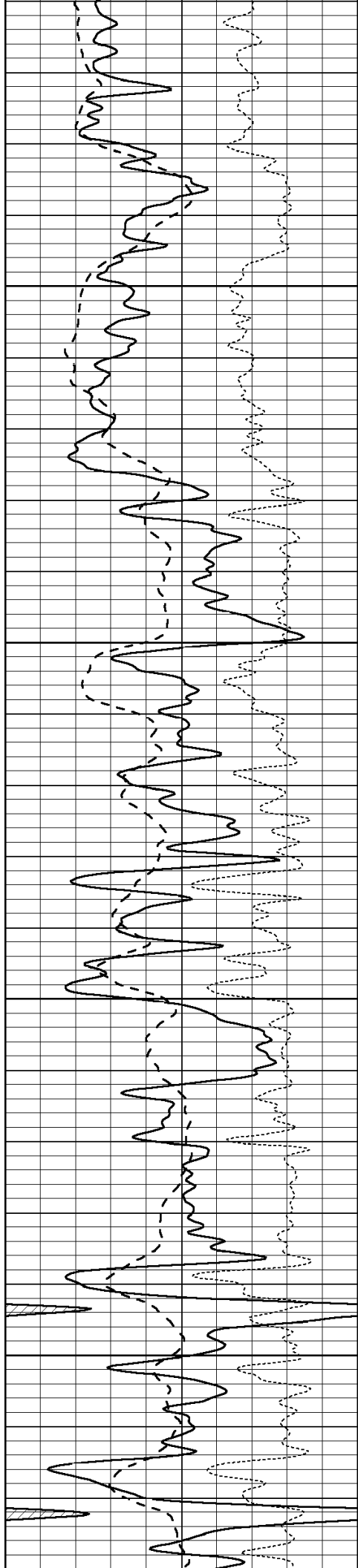
1750

1800

1850

1900



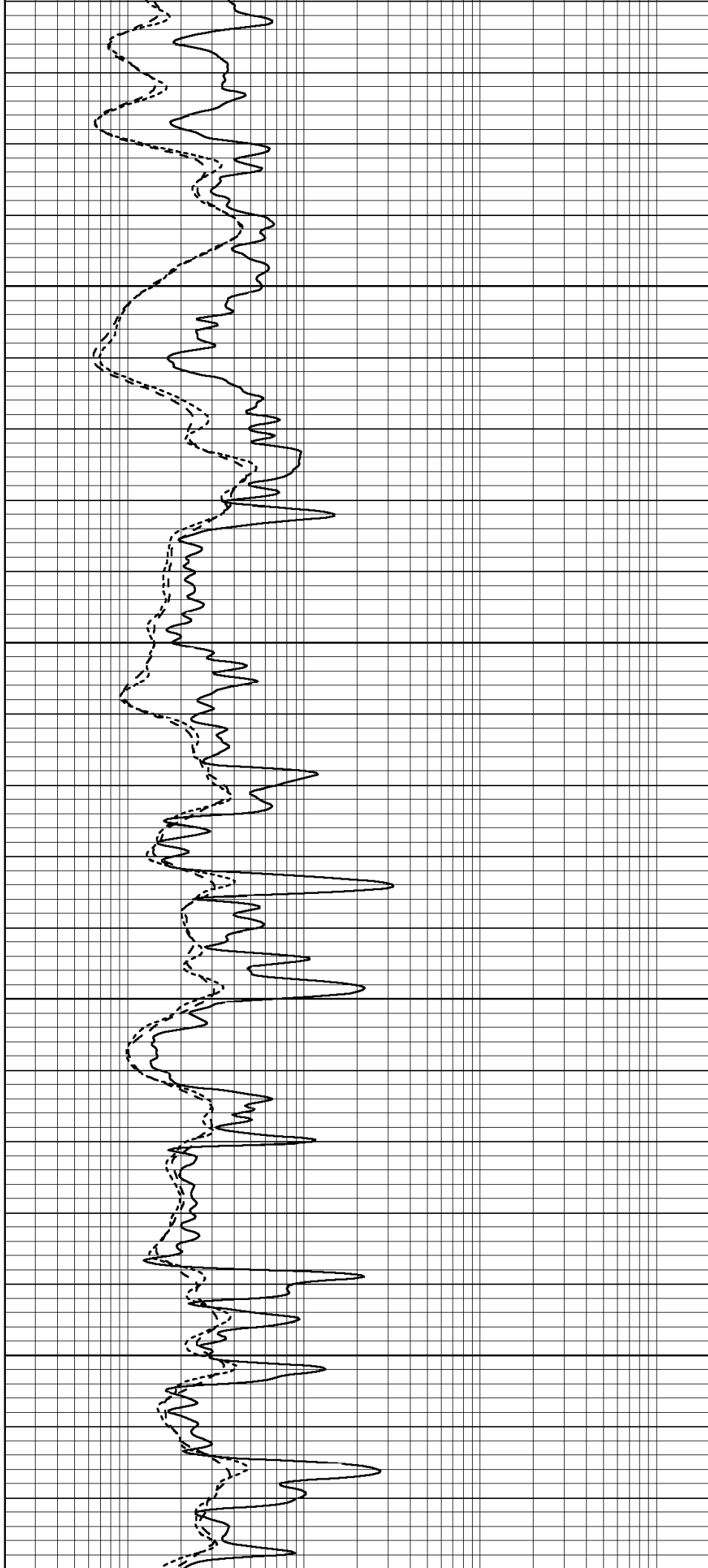


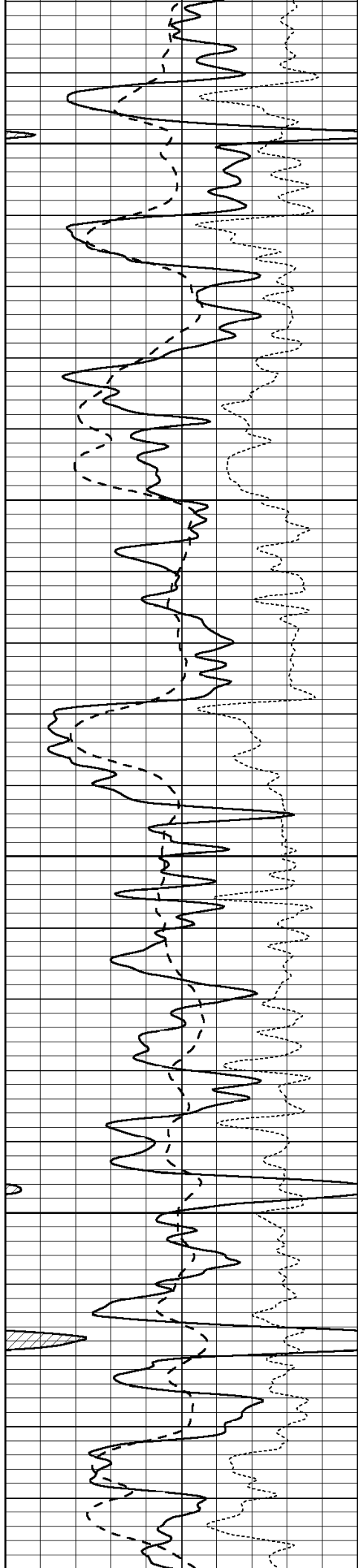
1950

2000

2050

2100





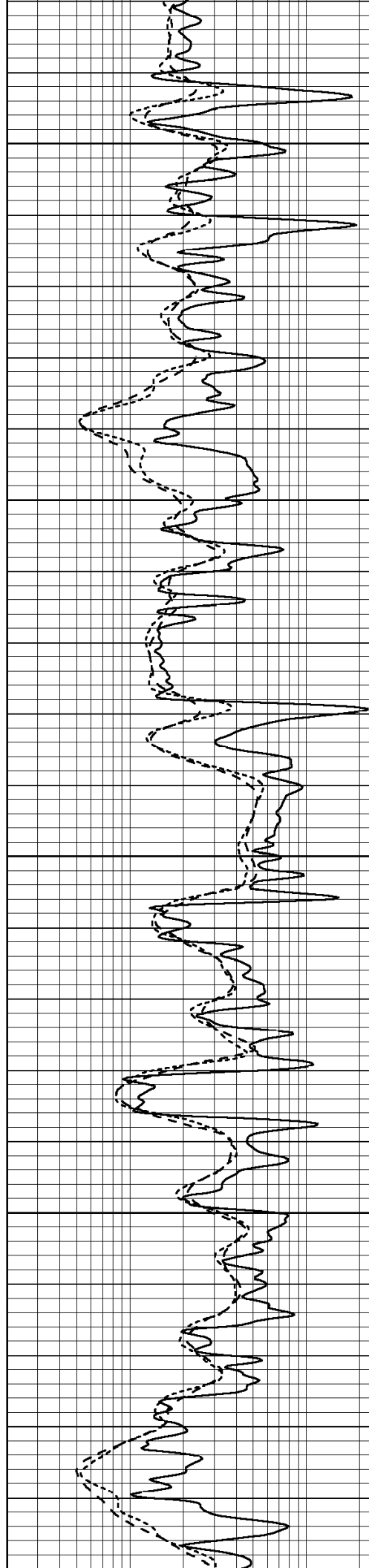
2150

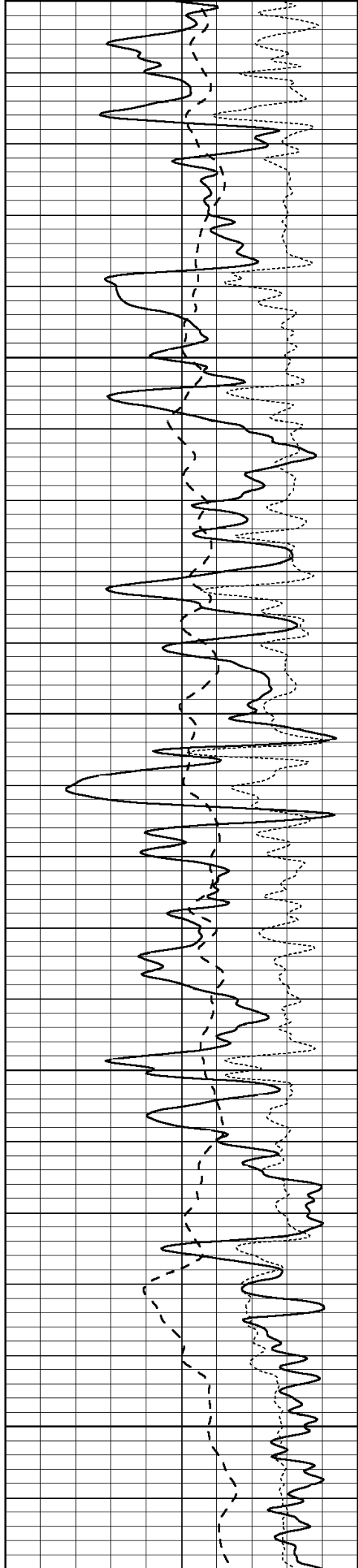
2200

2250

2300

2350





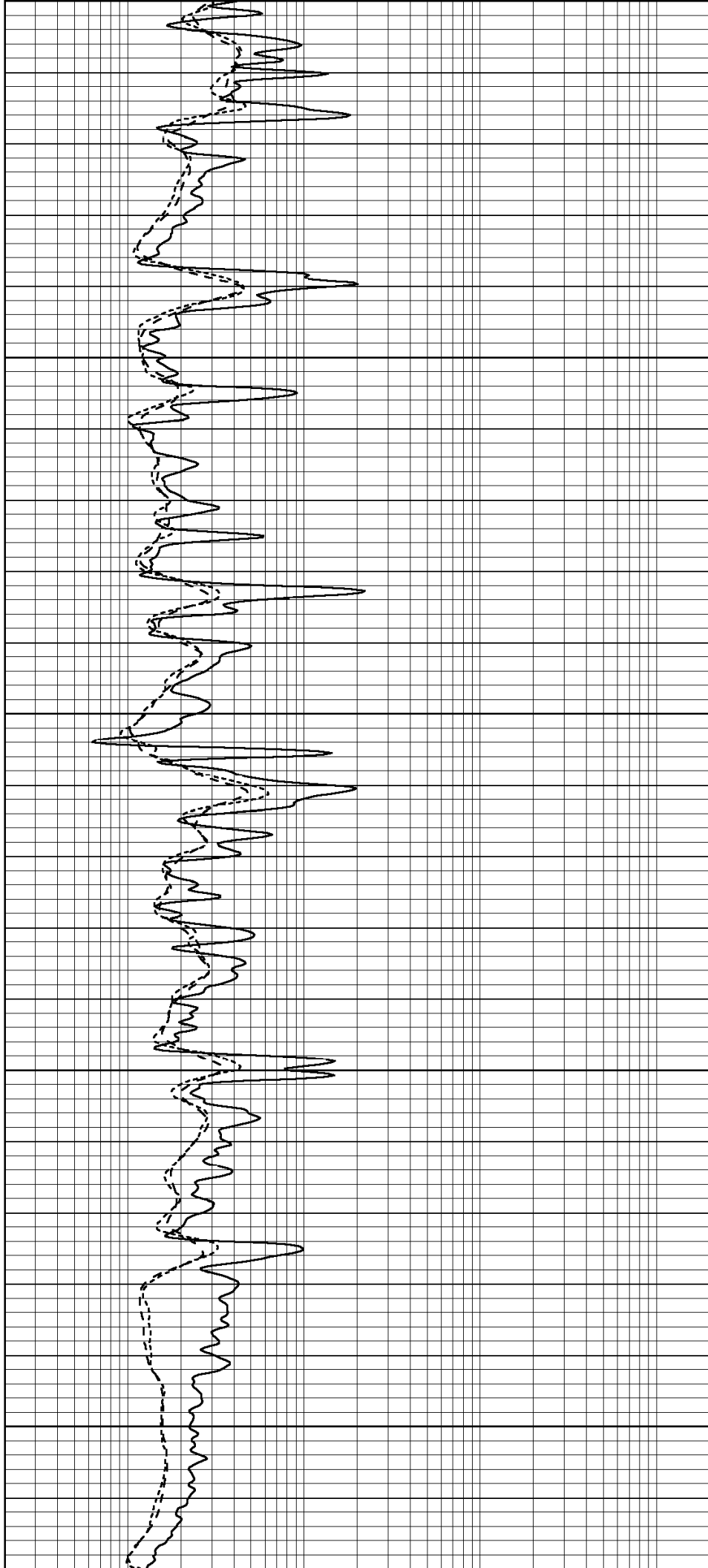
2550

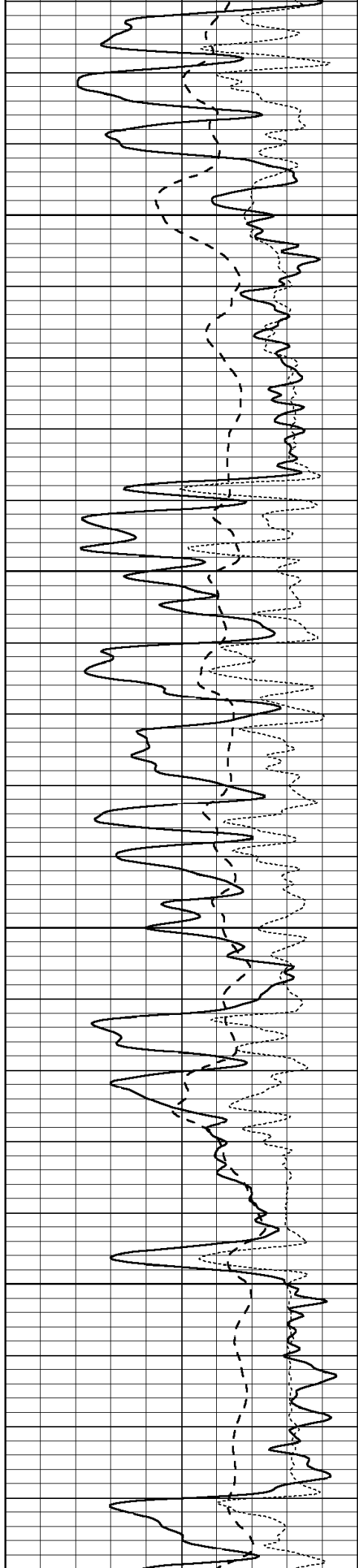
2400

2450

2500

2550



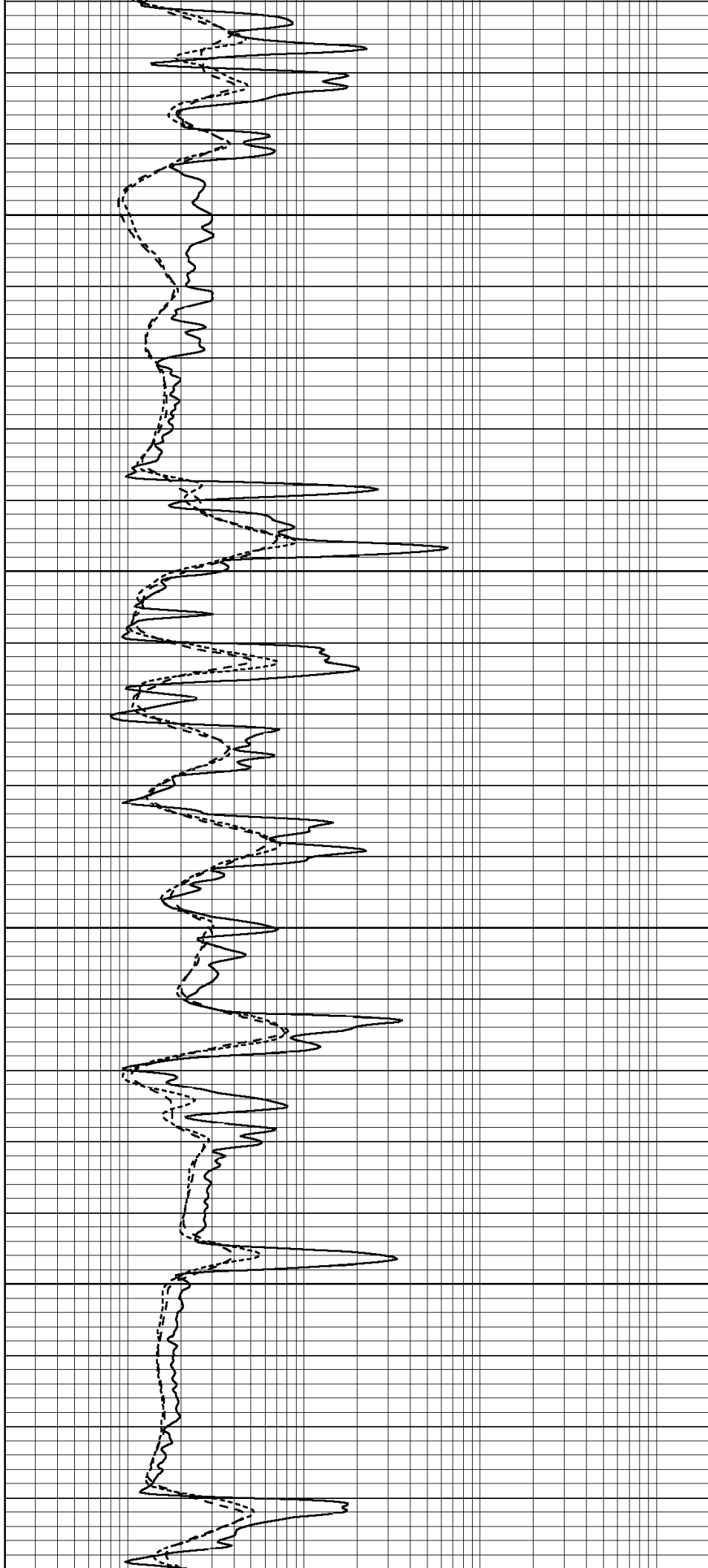


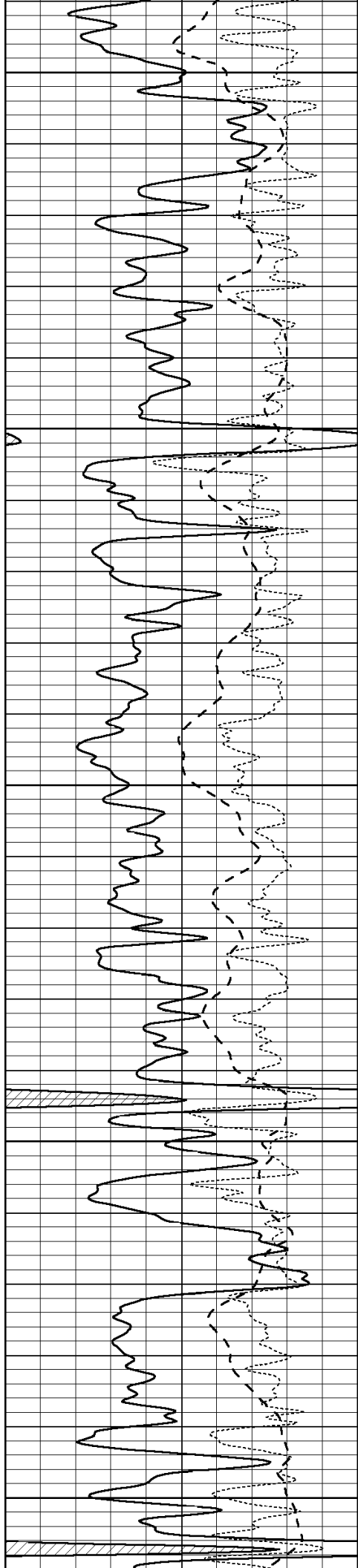
2600

2650

2700

2750





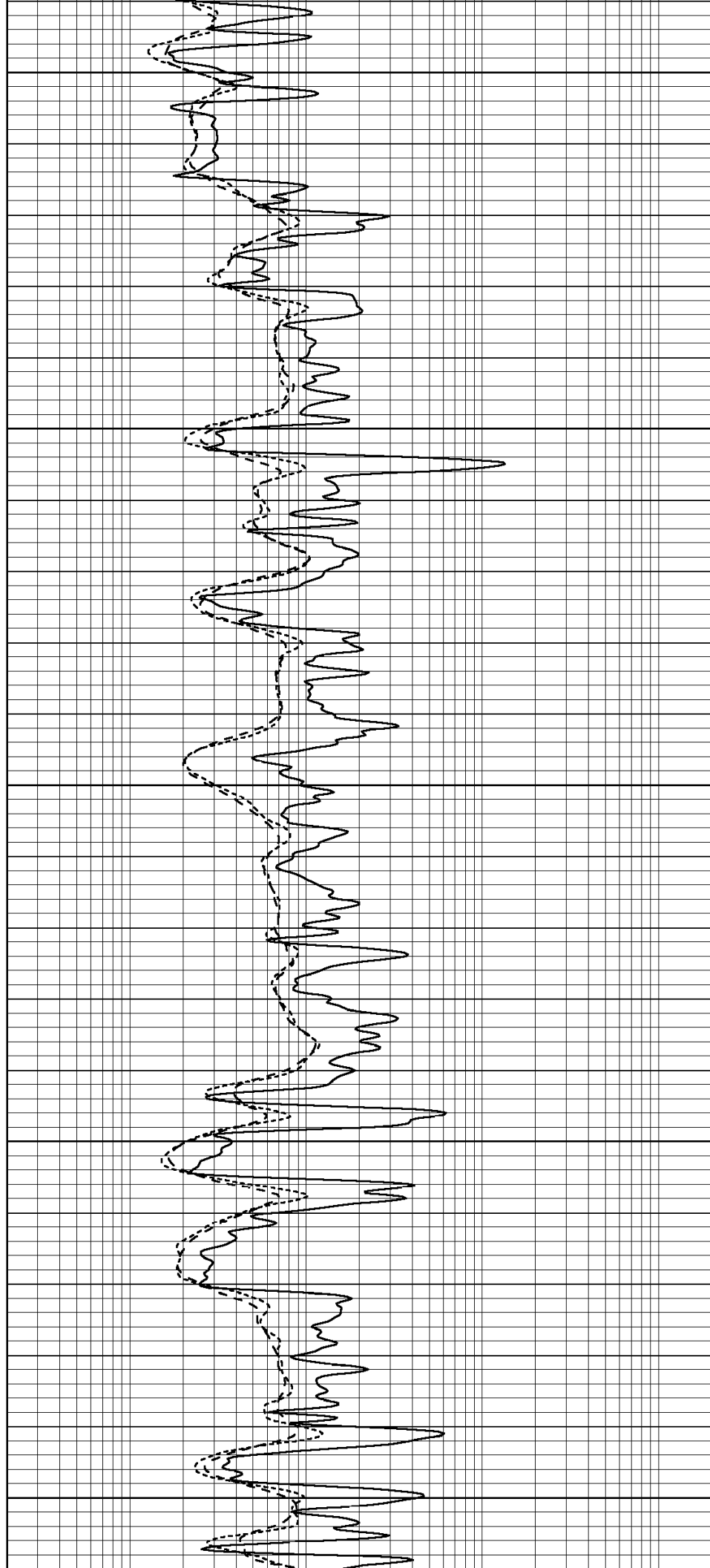
2800

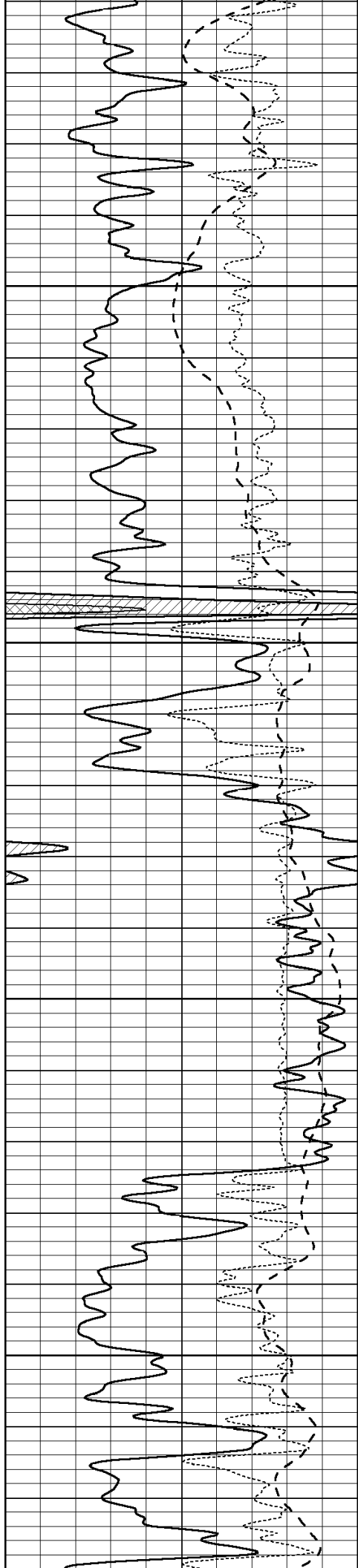
2850

2900

2950

3000



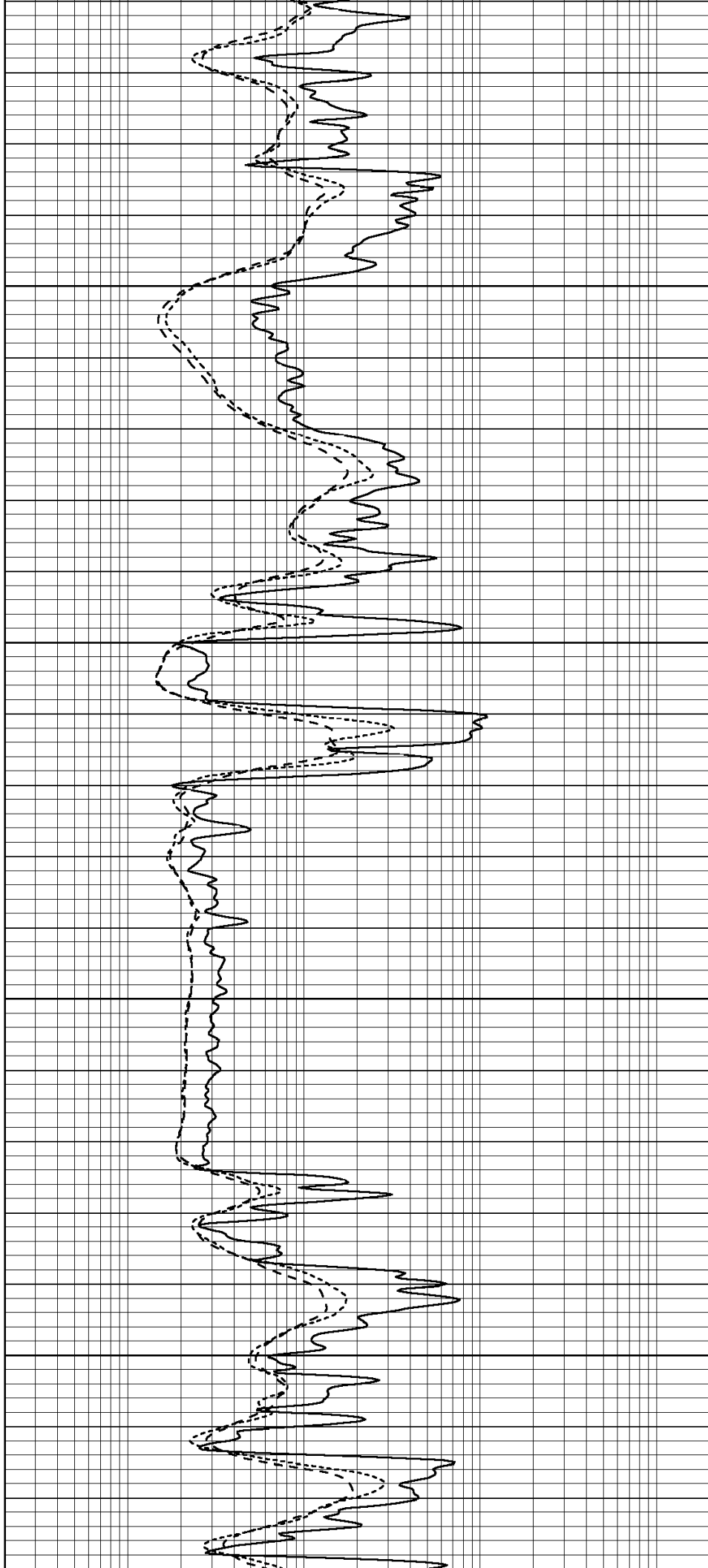


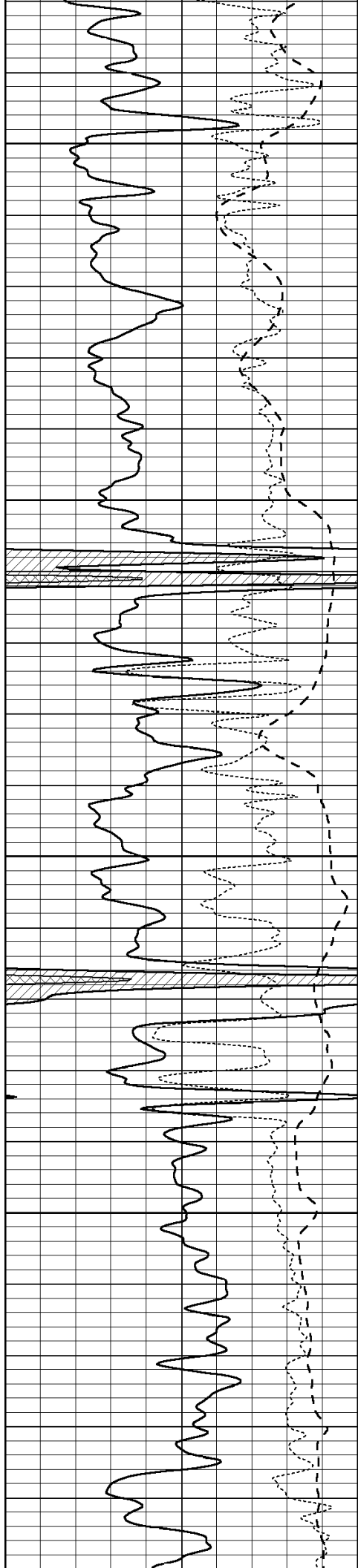
3050

3100

3150

3200





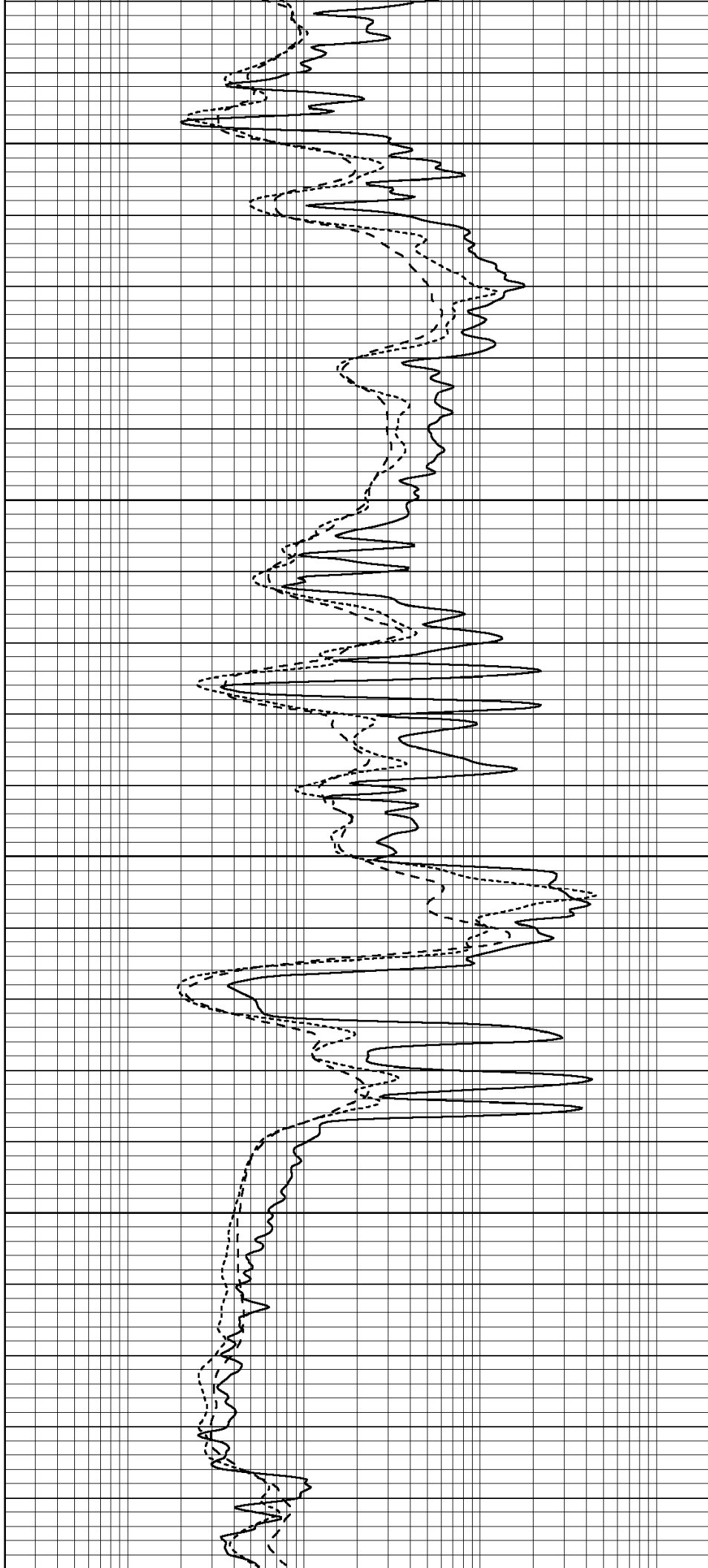
3250

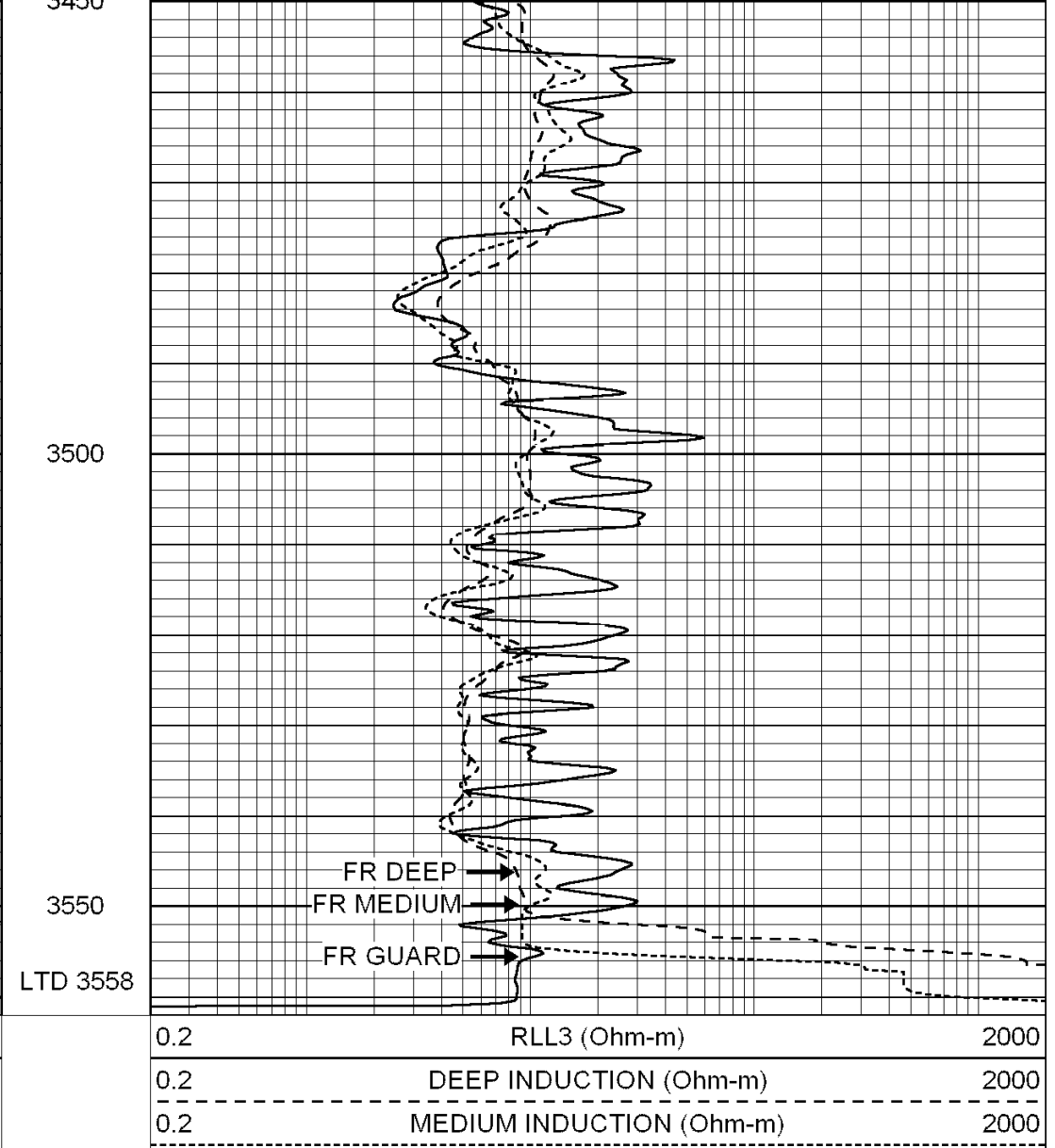
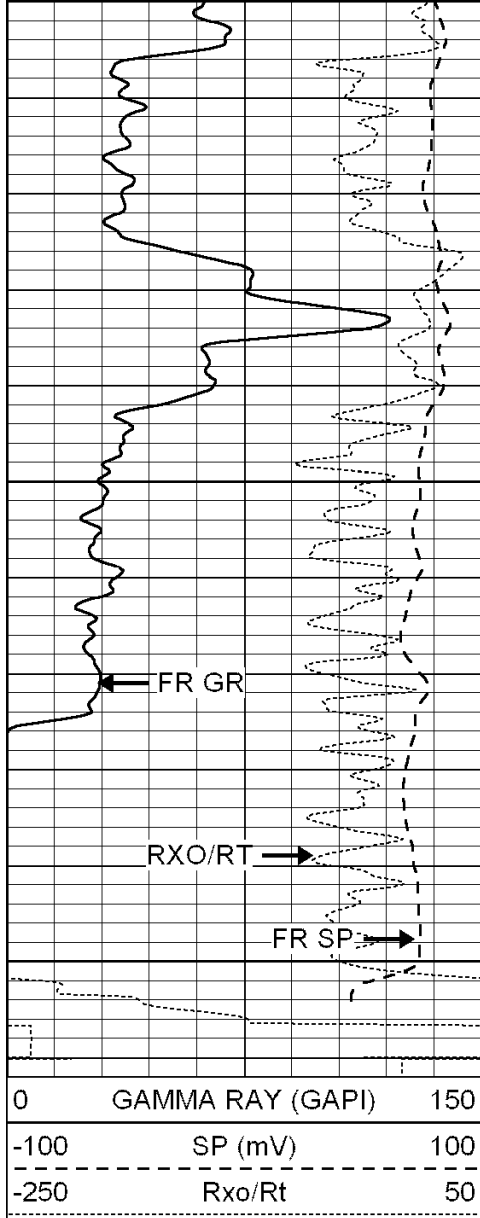
3300

3350

3400

3450

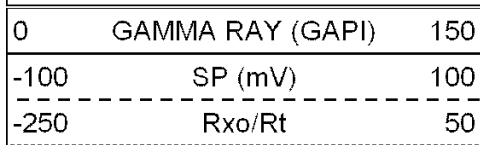




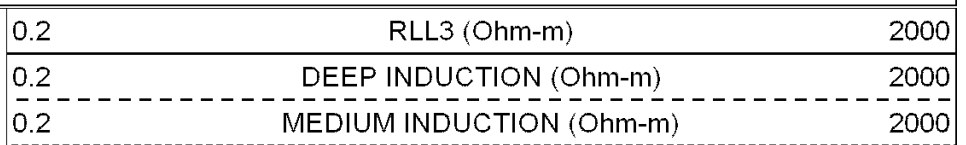
SUPERIOR  
Hays,  
Kansas

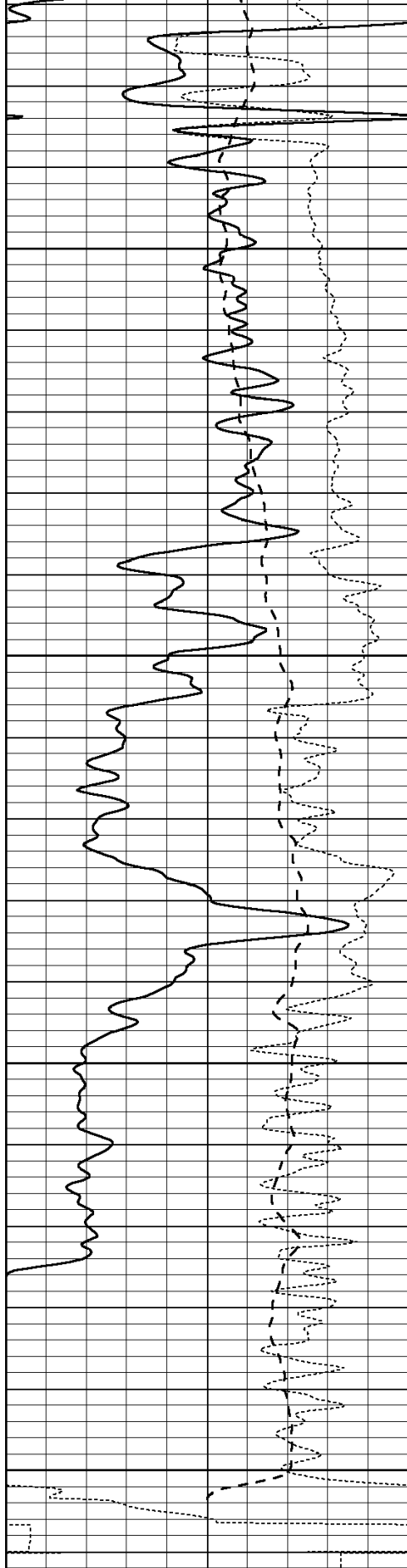
# REPEAT SECTION

Database File: 001595pe.db  
 Dataset Pathname: pass2.8  
 Presentation Format: dil  
 Dataset Creation: Fri Jun 06 01:10:54 2008 by Calc Open-Cased 060407  
 Charted by: Depth in Feet scaled 1:240



3350





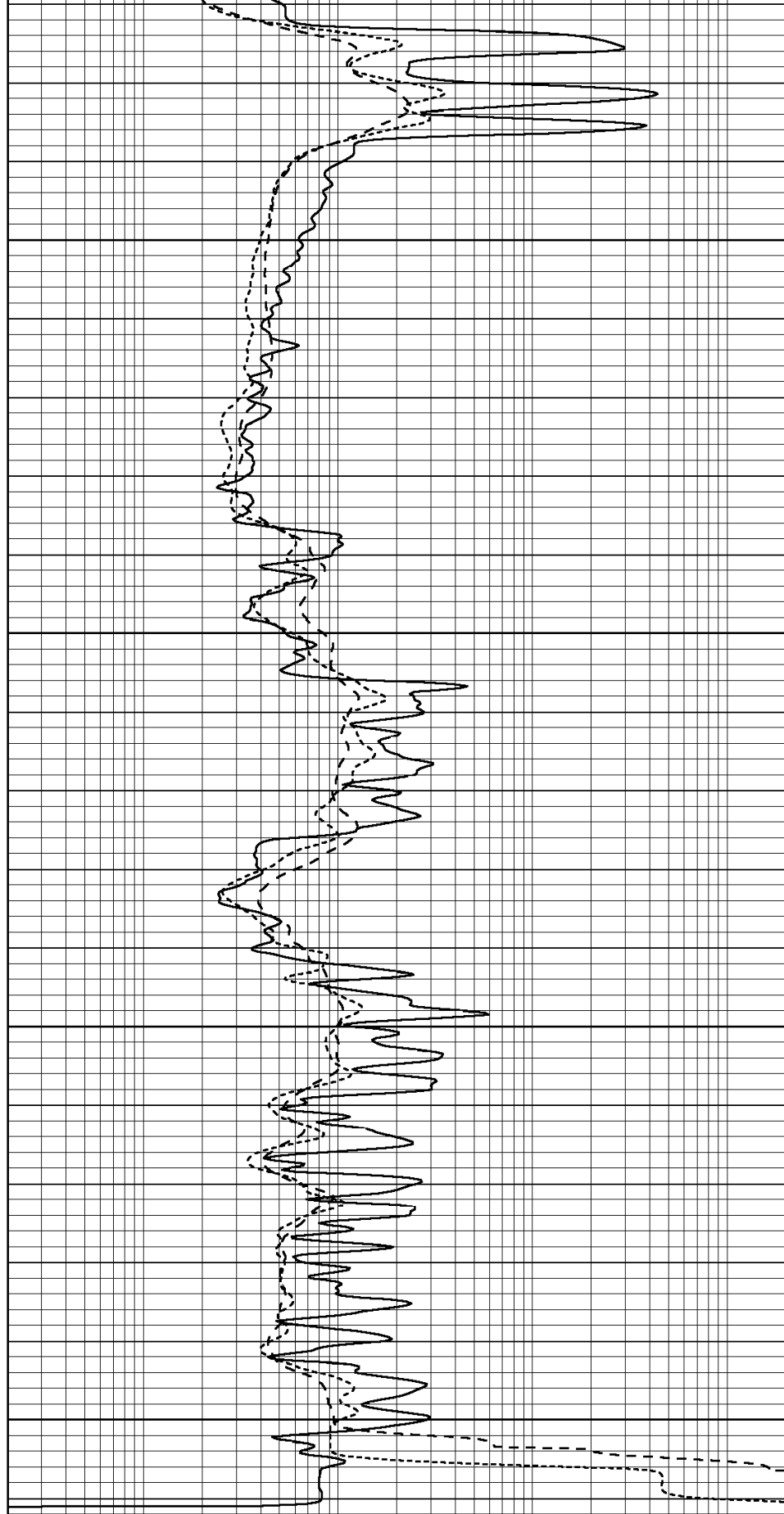
|      |                  |     |
|------|------------------|-----|
| 0    | GAMMA RAY (GAPI) | 150 |
| -100 | SP (mV)          | 100 |
| -250 | Rxo/Rt           | 50  |

3400

3450

3500

3550



|     |                          |      |
|-----|--------------------------|------|
| 0.2 | RLL3 (Ohm-m)             | 2000 |
| 0.2 | DEEP INDUCTION (Ohm-m)   | 2000 |
| 0.2 | MEDIUM INDUCTION (Ohm-m) | 2000 |

# Calibration Report

Database File: 001595pe.db  
 Dataset Pathname: pass3.5  
 Dataset Creation: Fri Jun 06 01:59:07 2008 by Calc Open-Cased 060407

## Dual Induction Calibration Report

Serial-Model: DIL2-GEAR  
 Performed: Fri Jun 06 00:32:53 2008

| Readings  |        |       |   | References |         |        | Results |        |
|-----------|--------|-------|---|------------|---------|--------|---------|--------|
| Loop:     | Air    | Loop  |   | Air        | Loop    |        | m       | b      |
| Deep      | 0.002  | 0.667 | V | 0.000      | 400.000 | mmho-m | 680.000 | 10.000 |
| Medium    | -0.003 | 0.739 | V | 0.000      | 462.500 | mmho-m | 720.000 | 1.000  |
| Internal: | Zero   | Cal   |   | Zero       | Cal     |        | m       | b      |
| Deep      | 0.001  | 0.658 | V | 0.000      | 400.000 | mmho-m | 609.010 | -0.700 |
| Medium    | 0.015  | 0.761 | V | 0.000      | 462.500 | mmho-m | 620.392 | -9.326 |

## Litho Density Calibration Report

Serial: 003 Model: PRB  
 Performed Sun May 27 14:00:47 2007

### Litho Density Calibration

|             | Background | Magnesium   | Aluminum | Sandstone           |         |
|-------------|------------|-------------|----------|---------------------|---------|
| Window 1    | 2129.3     | 13425.5     | 4493.9   | 14622.8             | cps     |
| Window 2    | 1911.5     | 10435.8     | 3706.5   | 11076.3             | cps     |
| Window 3    | 1670.1     | 6774.1      | 2736.9   | 7064.4              | cps     |
| Window 4    | 493.6      | 496.3       | 490.8    | 497.3               | cps     |
| Long Space  | 0.0        | 8524.3      | 1795.1   | 9164.8              | cps     |
| Short Space | 2.1        | 3478.4      | 2258.5   | 3656.0              | cps     |
| Rho         |            | 1.7100      | 2.5900   | 1.3800              | g/cc    |
| Pe          |            |             | 2.5700   | 1.5500              |         |
| Rib Angle   | : 44.5     | Rib Slope   | : 0.983  | Density/Spine Ratio | : 0.544 |
| Spine Angle | : 74.5     | Spine Slope | : 3.607  | Spine Intercept     | : -20.4 |

### Caliper

|           | Readings | Reference   |
|-----------|----------|-------------|
| Low Ref   | 2.2      | 6.8         |
| High Ref  | 4.5      | 14.0        |
| Gain: 3.0 |          | Offset: 0.2 |

## Compensated Neutron Calibration Report

Serial Number: NEU\_3I  
 Tool Model: G

### CALIBRATION

| Detector    | Readings   | Target      | Normalization |
|-------------|------------|-------------|---------------|
| Short Space | 997.00 cps | 1000.00 cps | 1.0000        |
| Long Space  | 986.00 cps | 1000.00 cps | 1.0000        |

## Gamma Ray Calibration Report

Serial Number: GR3  
 Tool Model: OPEN  
 Performed: Fri Jun 06 00:32:22 2008

Calibrator Value: 200.0 GAPI

Background Reading:

3.0

cps

Calibrator Reading:

186.0

cps

Sensitivity:

1.0000

GAPI/cps