



Radial Bond Log Gamma Ray/CCL

Company Bayswater Exploration
Well Sherley I-4-9HN
Field Wattenberg
County Weld State Colorado

Location: API #: 05-123-40899
NE 1/4 & SE 1/4
SEC 4 TWP 5N RGE 65W
Permanent Datum Ground Level Elevation 4,641'
Log Measured From Ground Level
Drilling Measured From 22 Above Permanent Datum
Other Services
N/A
Elevation
K.B. 4,619'
D.F. 4,620'
G.L. 4,641'

Date 22-July-2015

| | |
|------------------------|--------------|
| Run Number | One |
| Depth Driller | 17,016' |
| Depth Logger | 7250' |
| Bottom Logged Interval | 7240' |
| Top Log Interval | Surface |
| Open Hole Size | N/A |
| Type Fluid | Water |
| Density / Viscosity | N/A |
| Max. Recorded Temp. | N/A |
| Estimated Cement Top | 55' |
| Time Well Ready | Upon Arrival |
| Time Logger on Bottom | |
| Equipment Number | 202 |
| Location | Ault, CO |
| Recorded By | Kevin Keener |
| Witnessed By | Caleb Brewer |

| Borehole Record | | | | Tubing Record | | | |
|-----------------|-----|------|----|---------------|--------|------|----|
| Run Number | Bit | From | To | Size | Weight | From | To |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| | | | | |
|-------------------|--------|--------|---------|---------|
| Casing Record | Size | Mgt/Ft | Top | Bottom |
| Surface String | 9 5/8" | 36# | Surface | 830' |
| Prod. String | 7" | 29# | Surface | 7,225' |
| Production String | | | | |
| Liner | 4 1/2" | 13.5# | 6792' | 17 016' |

>>> 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 Cutters Wireline Services.

Calibration Report

Database File: bayswater sherley i-4-9hn.db
Dataset Pathname: Wattenber/well/run1/pass6
Dataset Creation: Wed Jul 22 08:44:05 2015 by Log 7.0 B1

| | | |
|---------------------|--------------------------|----------|
| Serial Number: | 275D_with_INC | |
| Tool Model: | 275D_INC | |
| Performed: | Tue Jan 15 11:42:10 2013 | |
| Calibrator Value: | 300.0 | GAPI |
| Background Reading: | 0.0 | cps |
| Calibrator Reading: | 400.0 | cps |
| Sensitivity: | 0.7375 | GAPI/cps |

Inclinometer Calibration Report

| | | | | | |
|-----------------|--------------------------|------------|----------|-----------|-----|
| Performed: | Fri Apr 04 16:42:15 2008 | | | | |
| | Low Read. | High Read. | Low Ref. | High Ref. | |
| X Accelerometer | -3579.00 | 3617.00 | -1.00 | 1.00 | gee |
| Y Accelerometer | -3671.40 | 3529.80 | -1.00 | 1.00 | gee |
| Z Accelerometer | -20.40 | 3584.00 | 0.00 | 1.00 | gee |

Segmented Cement Bond Log Calibration Report

| | | |
|------------------------------|----------|----|
| Serial Number: | 110217 | |
| Tool Model: | Probe | |
| Calibration Casing Diameter: | 7.000 | in |
| Calibration Depth: | 4528.059 | ft |

Master Calibration, performed Tue Jul 21 07:42:17 2015:

| | Raw (v) | | Calibrated (mv) | | Results | |
|-----|---------|-------|-----------------|---------|---------|--------|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| 3' | 0.007 | 0.639 | 1.000 | 72.000 | 112.202 | 0.251 |
| CAL | 0.540 | 0.604 | | | | |
| 5' | 0.011 | 0.676 | 1.000 | 72.000 | 106.914 | -0.223 |
| SUM | | | | | | |
| S1 | 0.006 | 0.614 | 0.250 | 100.000 | 164.238 | -0.801 |
| S2 | 0.009 | 0.623 | 0.250 | 100.000 | 162.427 | -1.180 |
| S3 | 0.007 | 0.627 | 0.250 | 100.000 | 160.920 | -0.870 |
| S4 | 0.007 | 0.634 | 0.250 | 100.000 | 159.112 | -0.877 |
| S5 | 0.008 | 0.645 | 0.250 | 100.000 | 156.561 | -1.029 |
| S6 | 0.009 | 0.640 | 0.250 | 100.000 | 158.060 | -1.149 |
| S7 | 0.006 | 0.632 | 0.250 | 100.000 | 159.444 | -0.748 |
| S8 | 0.005 | 0.616 | 0.250 | 100.000 | 163.283 | -0.611 |

Internal Reference Calibration, performed Wed Jul 15 08:33:35 2015:

| | Raw (v) | | Calibrated (v) | | Results | |
|-----|---------|-------|----------------|-------|---------|--------|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| CAL | 0.000 | 0.000 | 0.540 | 0.604 | 1.000 | 0.000 |

Air Zero Calibration, performed Fri Jul 17 07:14:29 2015:

| | Raw (v) | Calibrated (v) | Results |
|--|---------|----------------|---------|
|--|---------|----------------|---------|

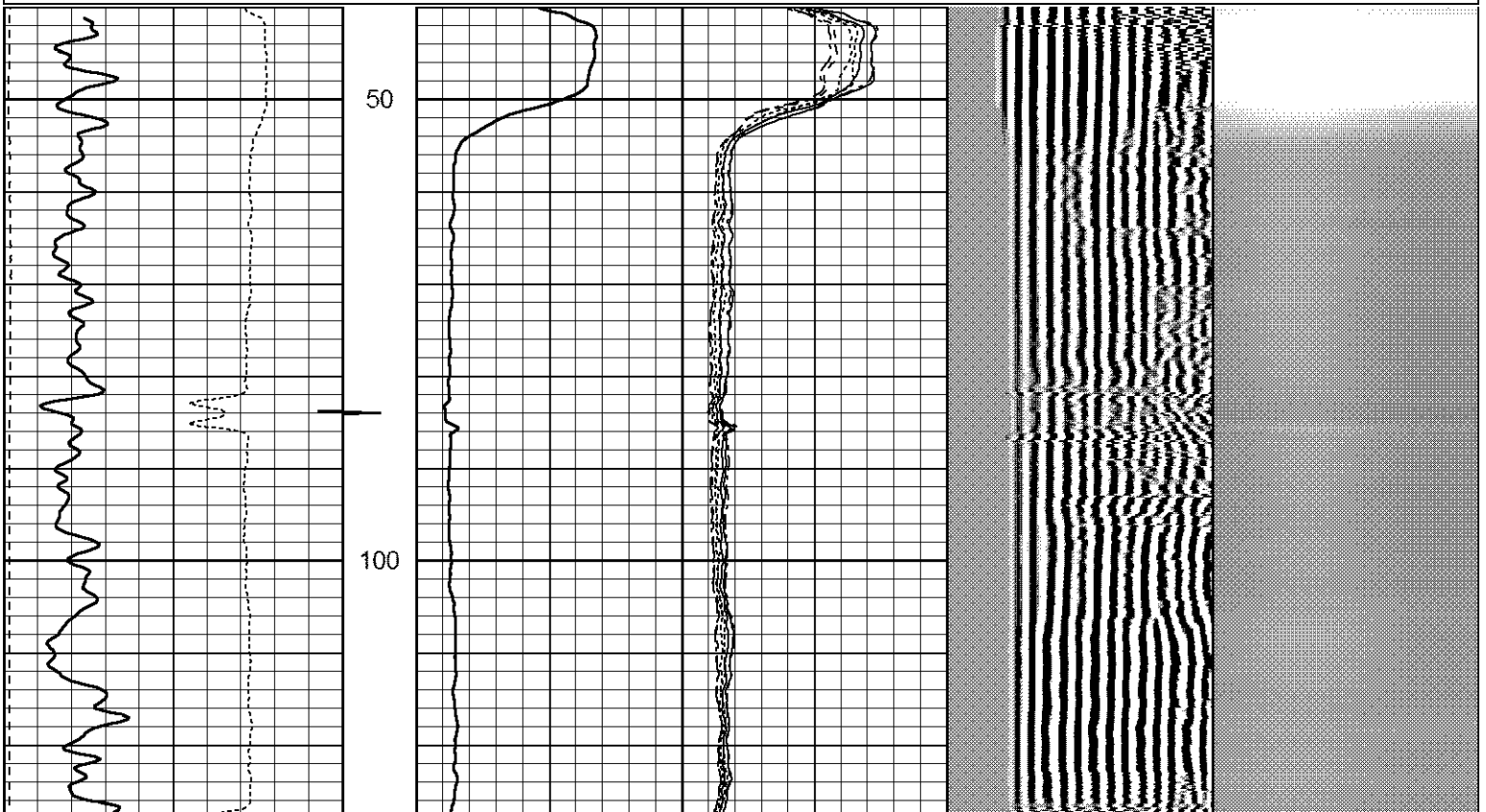
| | Raw (v) | Calibrated (v) | Results |
|-----|---------|----------------|---------|
| | Zero | Zero | Offset |
| 3' | 0.000 | 0.000 | 0.000 |
| 5' | 0.000 | 0.000 | 0.000 |
| SUM | | | |
| S1 | 0.000 | 0.000 | 0.000 |
| S2 | 0.000 | 0.000 | 0.000 |
| S3 | 0.000 | 0.000 | 0.000 |
| S4 | 0.000 | 0.000 | 0.000 |
| S5 | 0.000 | 0.000 | 0.000 |
| S6 | 0.000 | 0.000 | 0.000 |
| S7 | 0.000 | 0.000 | 0.000 |
| S8 | 0.000 | 0.000 | 0.000 |

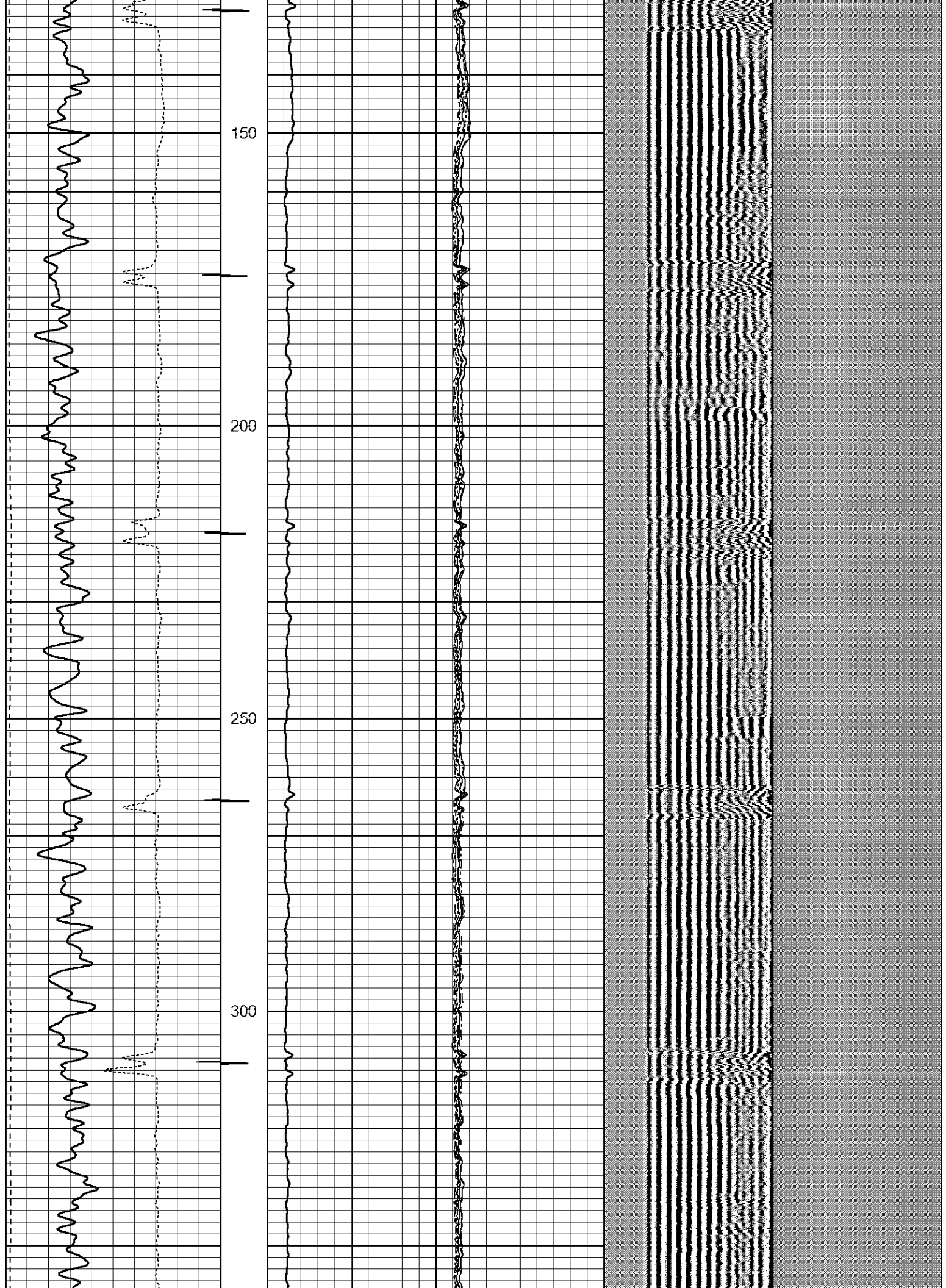


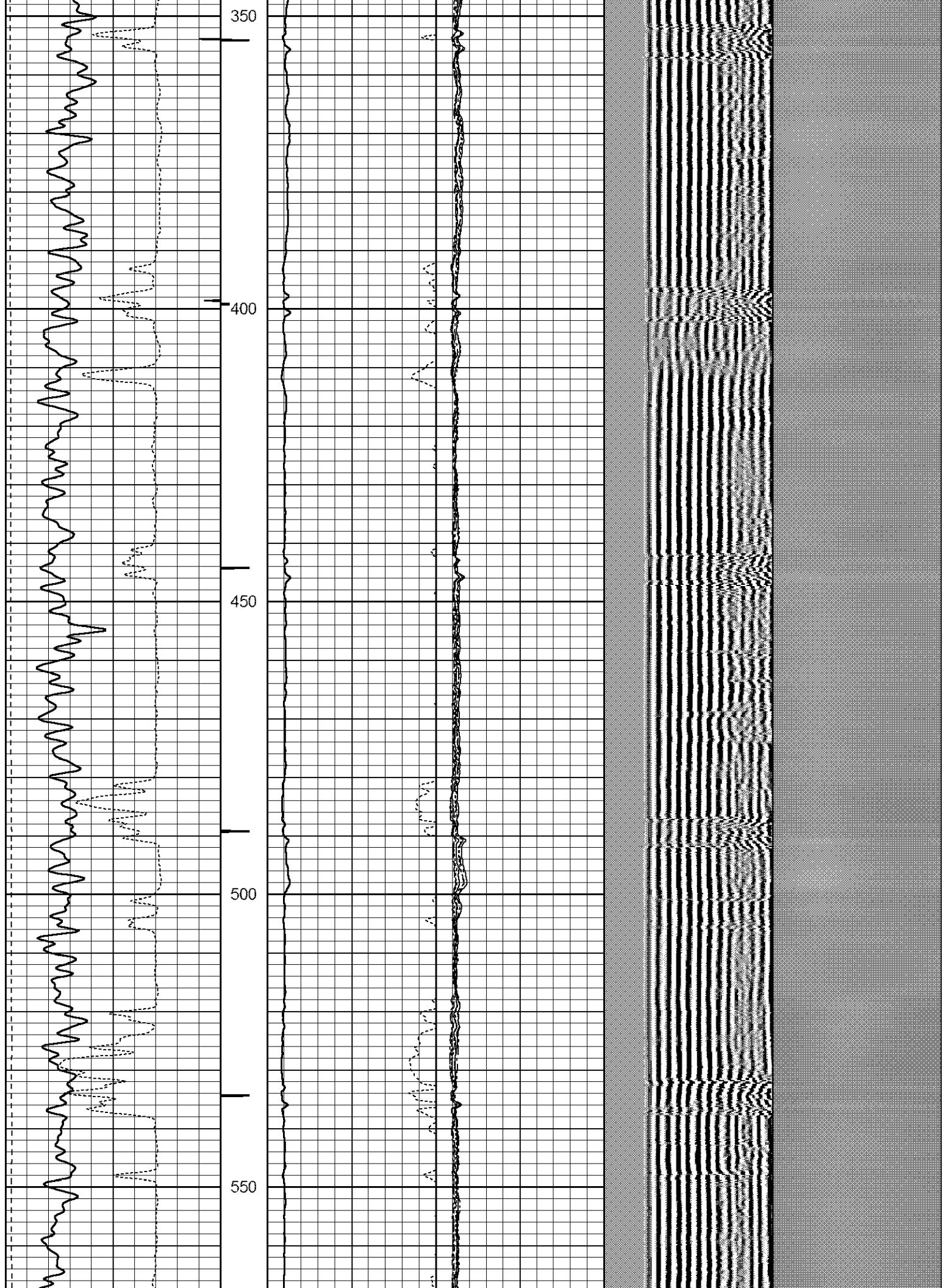
MAIN PASS @ 1000PSI

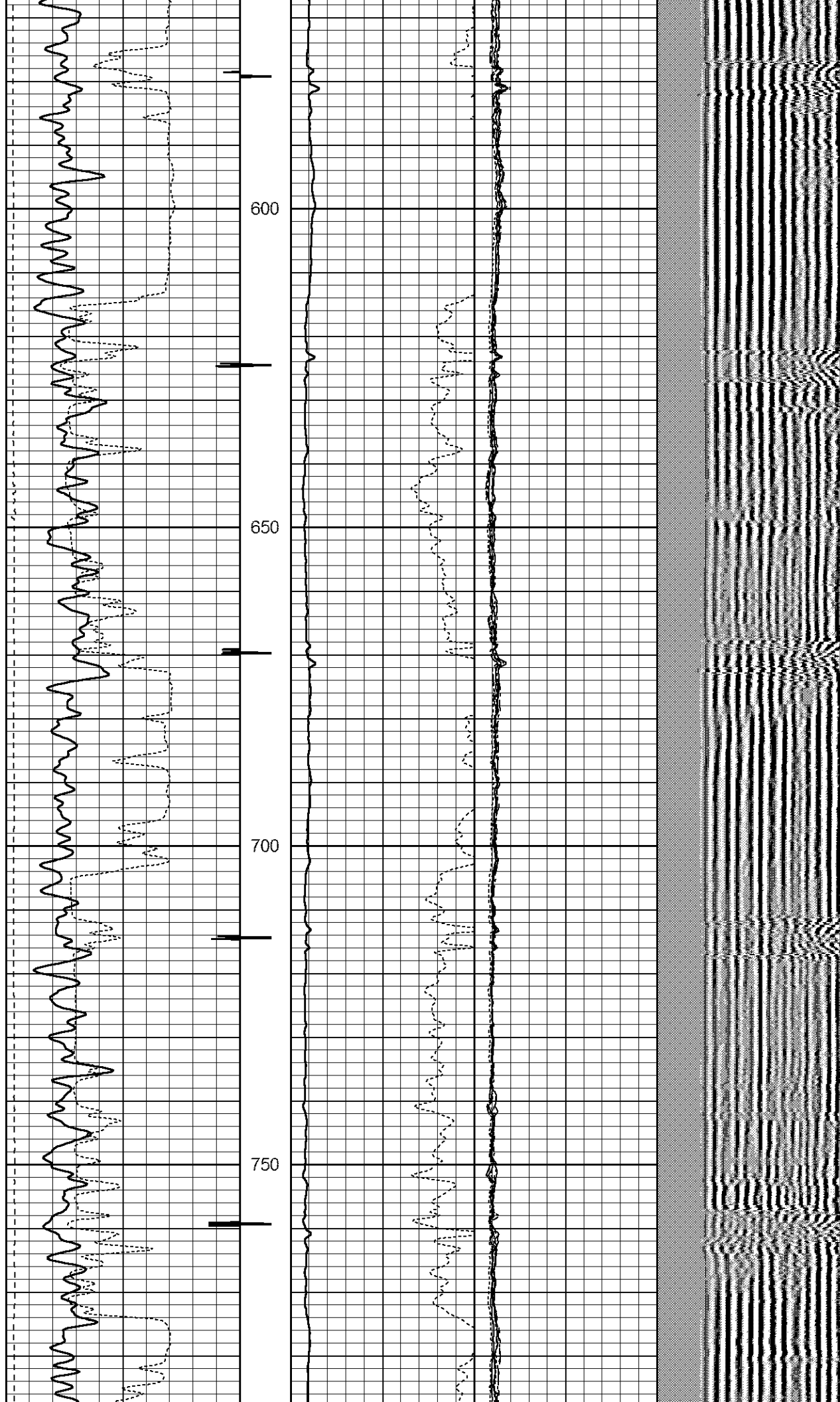
Database File: bayswater sherley i-4-9hn.db
 Dataset Pathname: Wattenber/well/run1/pass6
 Presentation Format: anadarko
 Dataset Creation: Wed Jul 22 08:44:05 2015 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

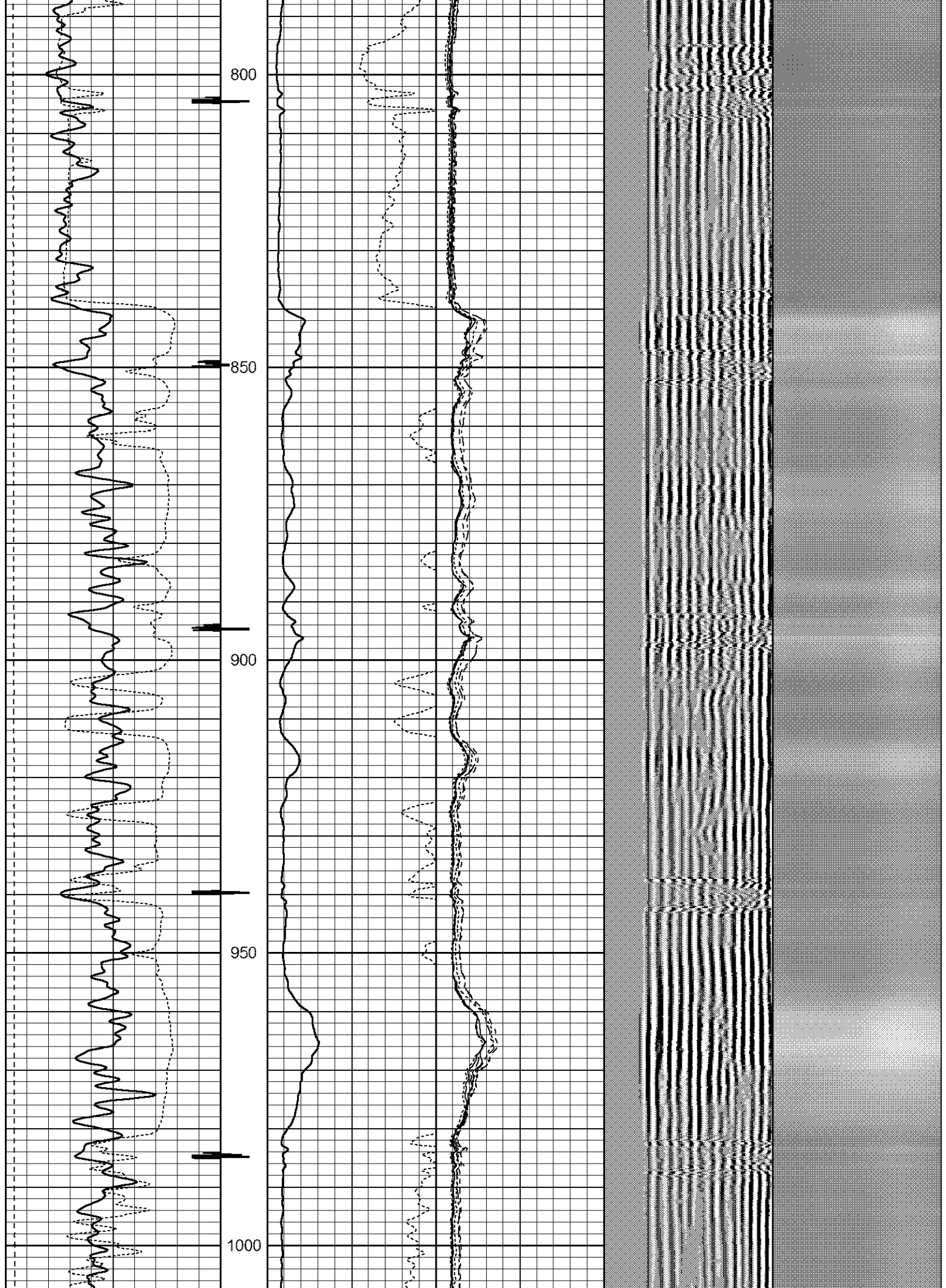
| | | | | | | | | | | | |
|-----|-----------|------|---|---------------------|----|-------|-----|-----|-----|------|------------|
| 360 | TT (usec) | 260 | 0 | Amplitude (mV)100 | -5 | AMPS2 | 150 | 200 | VDL | 1200 | Cement Map |
| 0 | GR (GAPI) | 150 | | Amplified Amplitude | -5 | AMPS3 | 150 | | | | 1 |
| 0 | LTEN (lb) | 4000 | 0 | (mV) 10 | -5 | AMPS4 | 150 | | | | 80 |
| | | | | | -5 | AMPS5 | 150 | | | | |
| | | | | | -5 | AMPS6 | 150 | | | | |
| | | | | | -5 | AMPS7 | 150 | | | | |
| | | | | | -5 | AMPS8 | 150 | | | | |
| | | | | | -5 | AMPS1 | 150 | | | | |

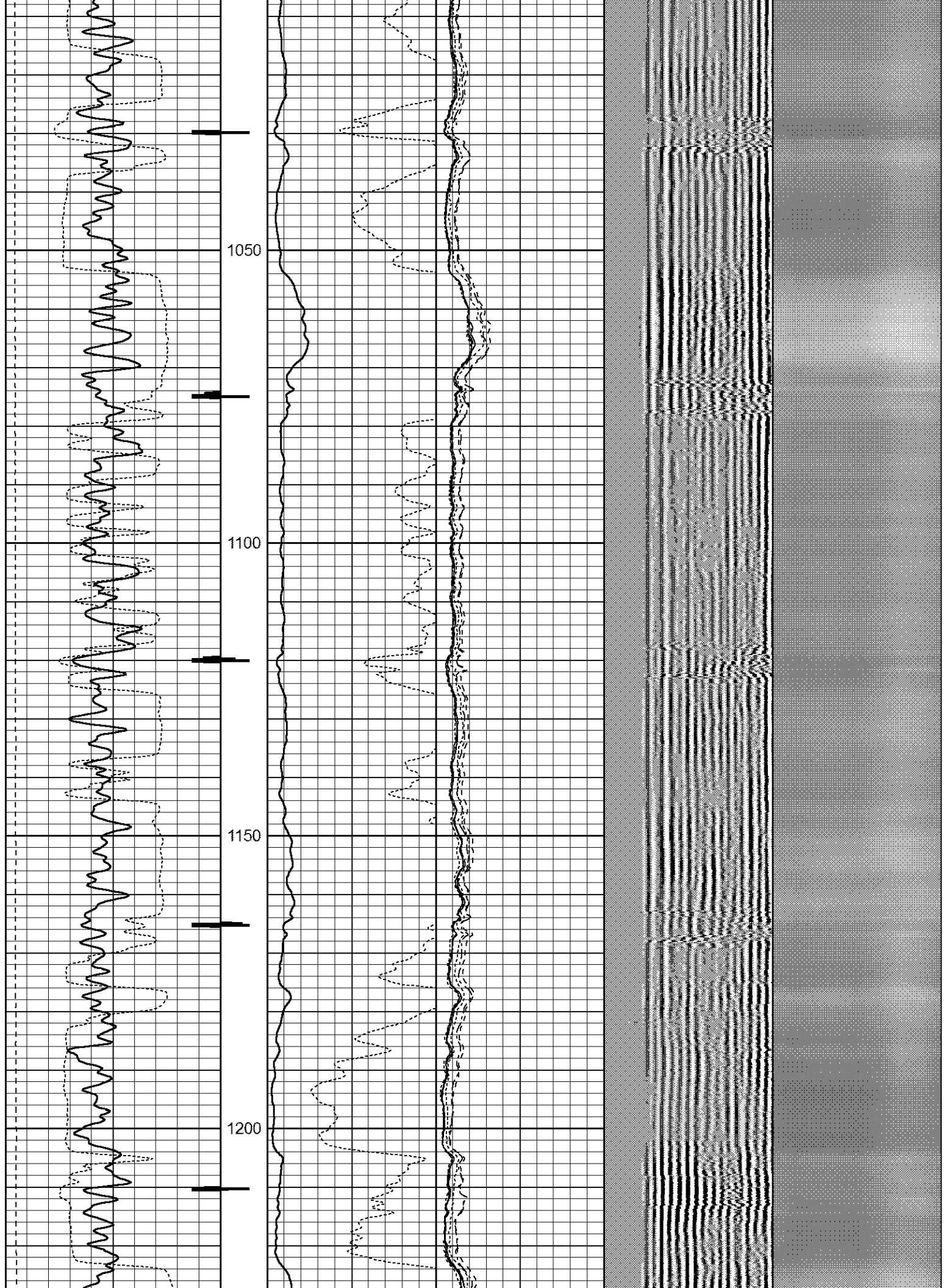


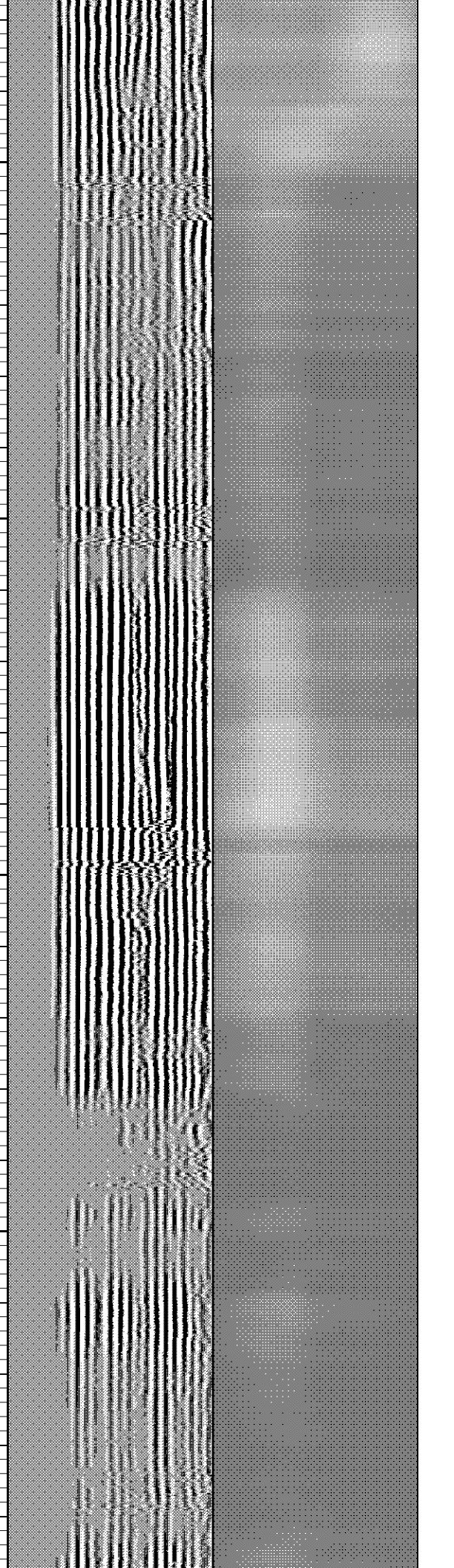
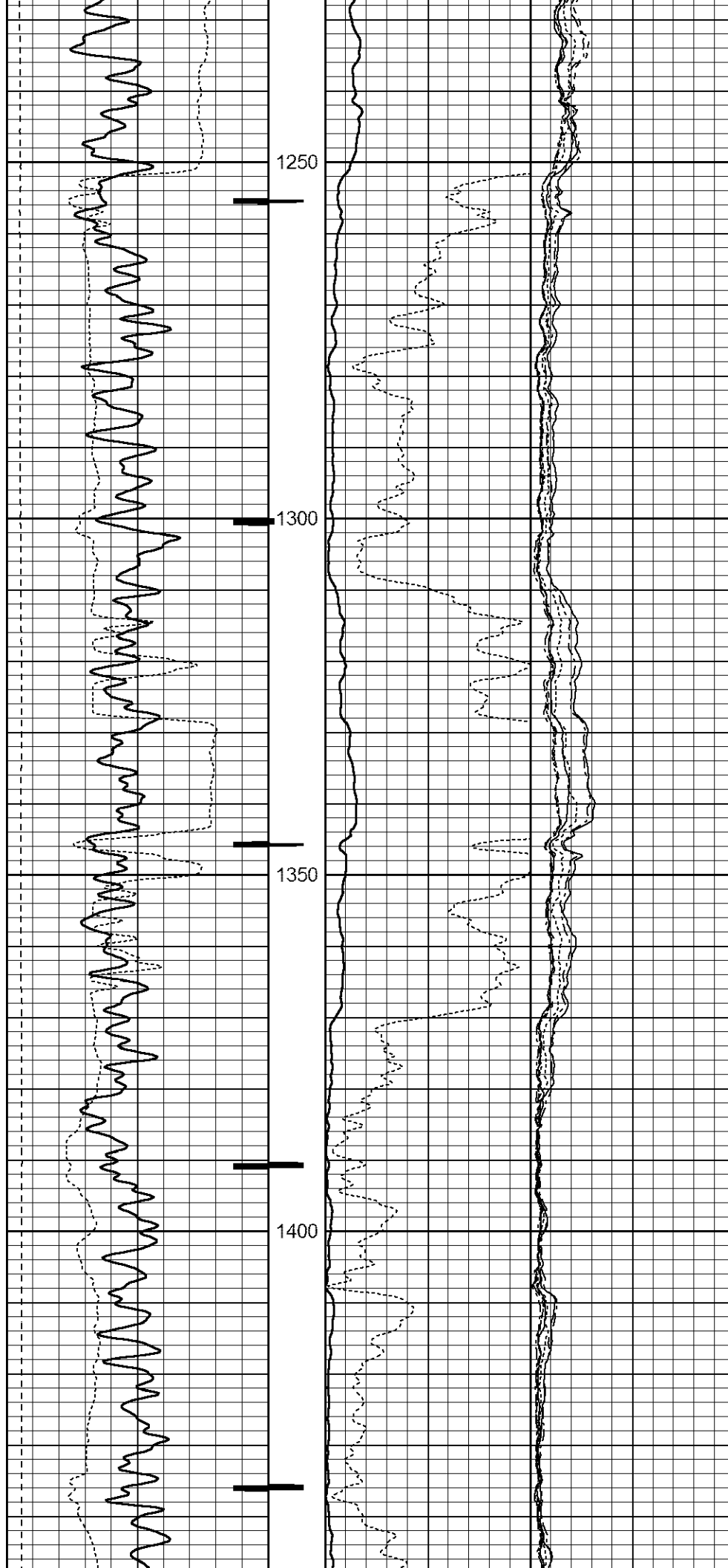


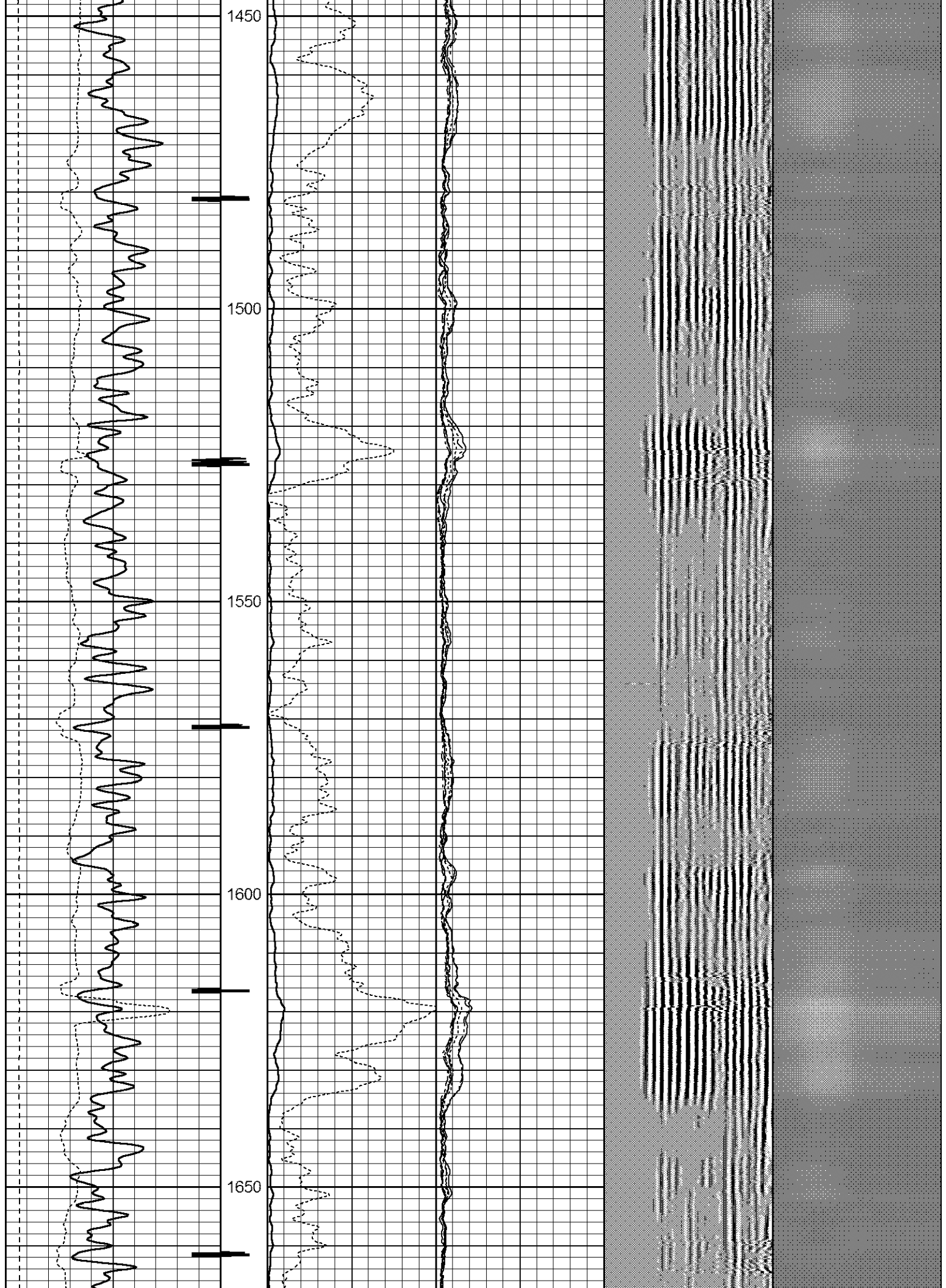


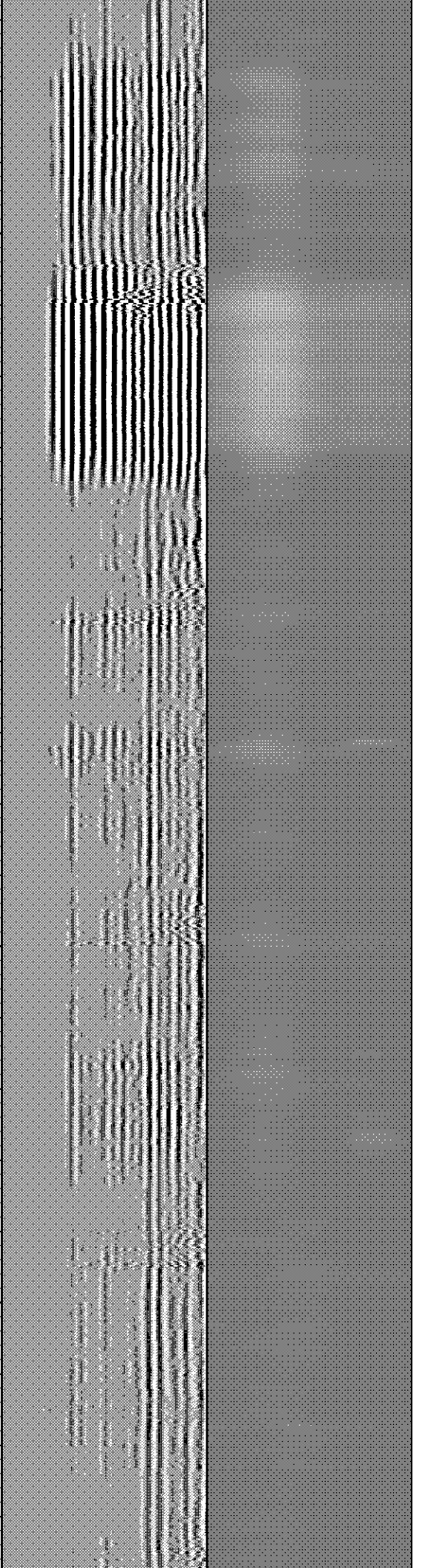
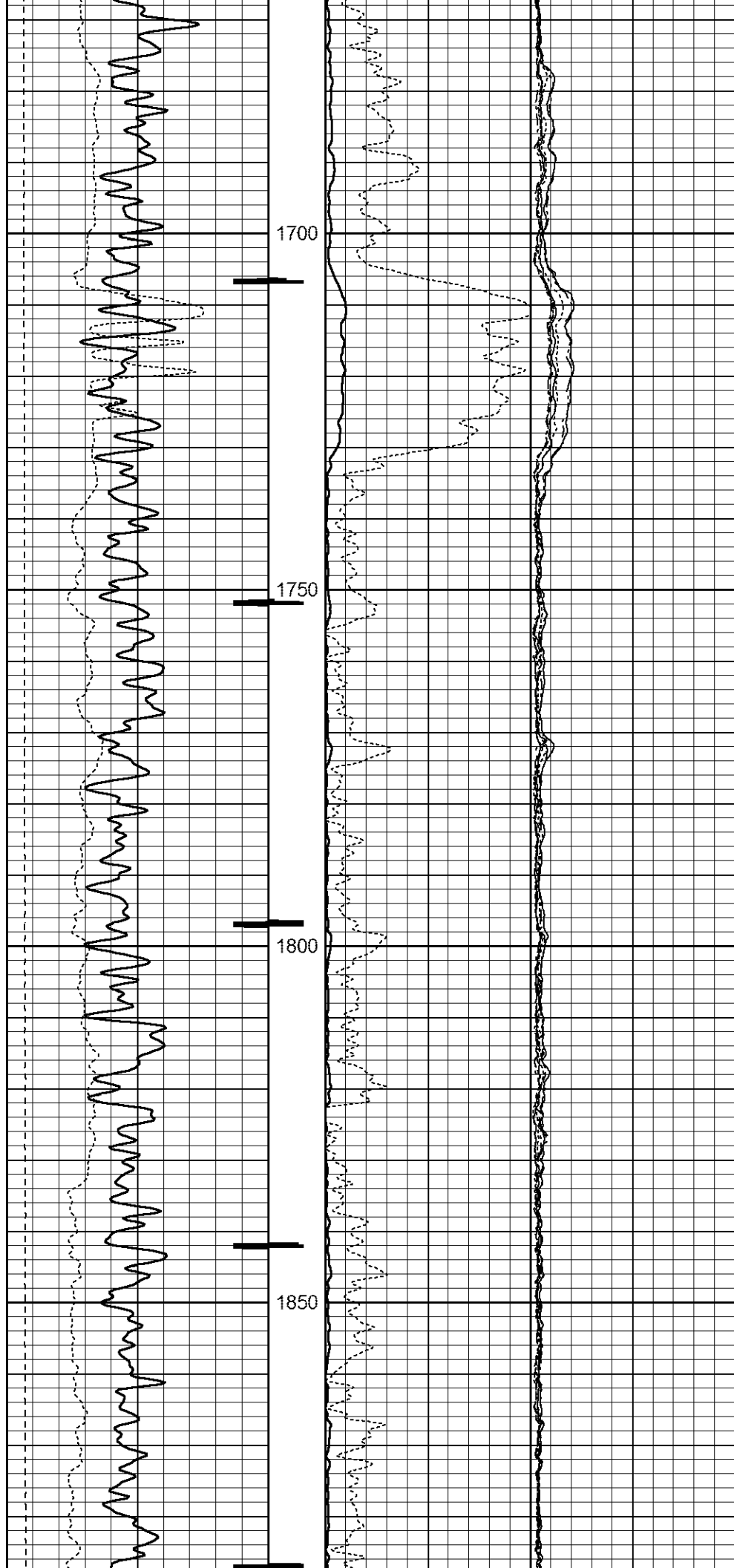


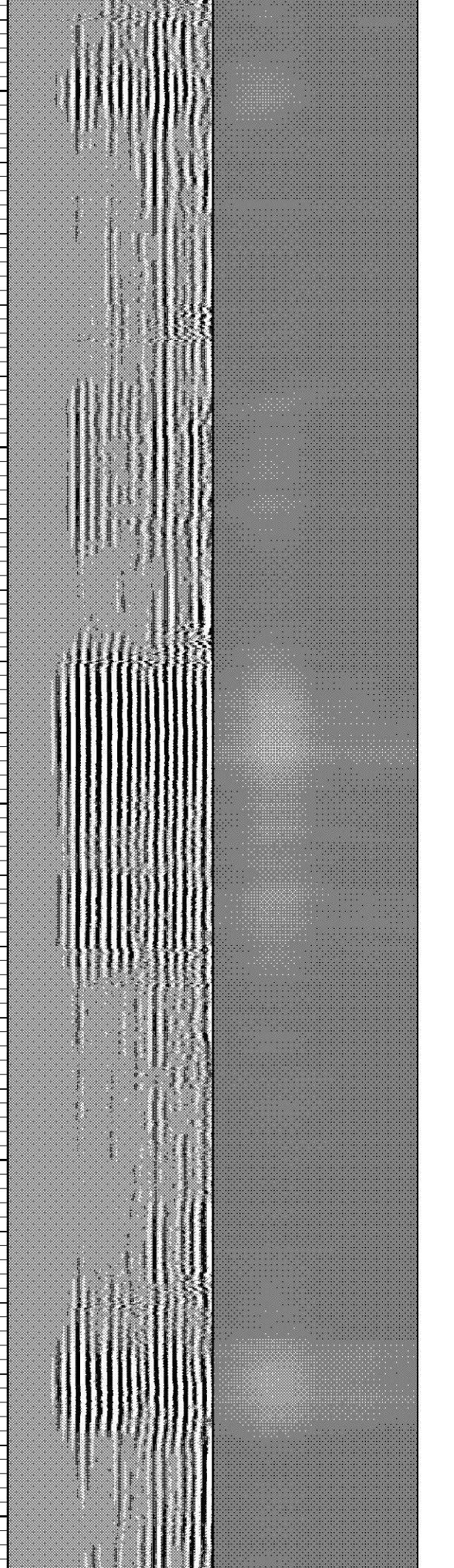
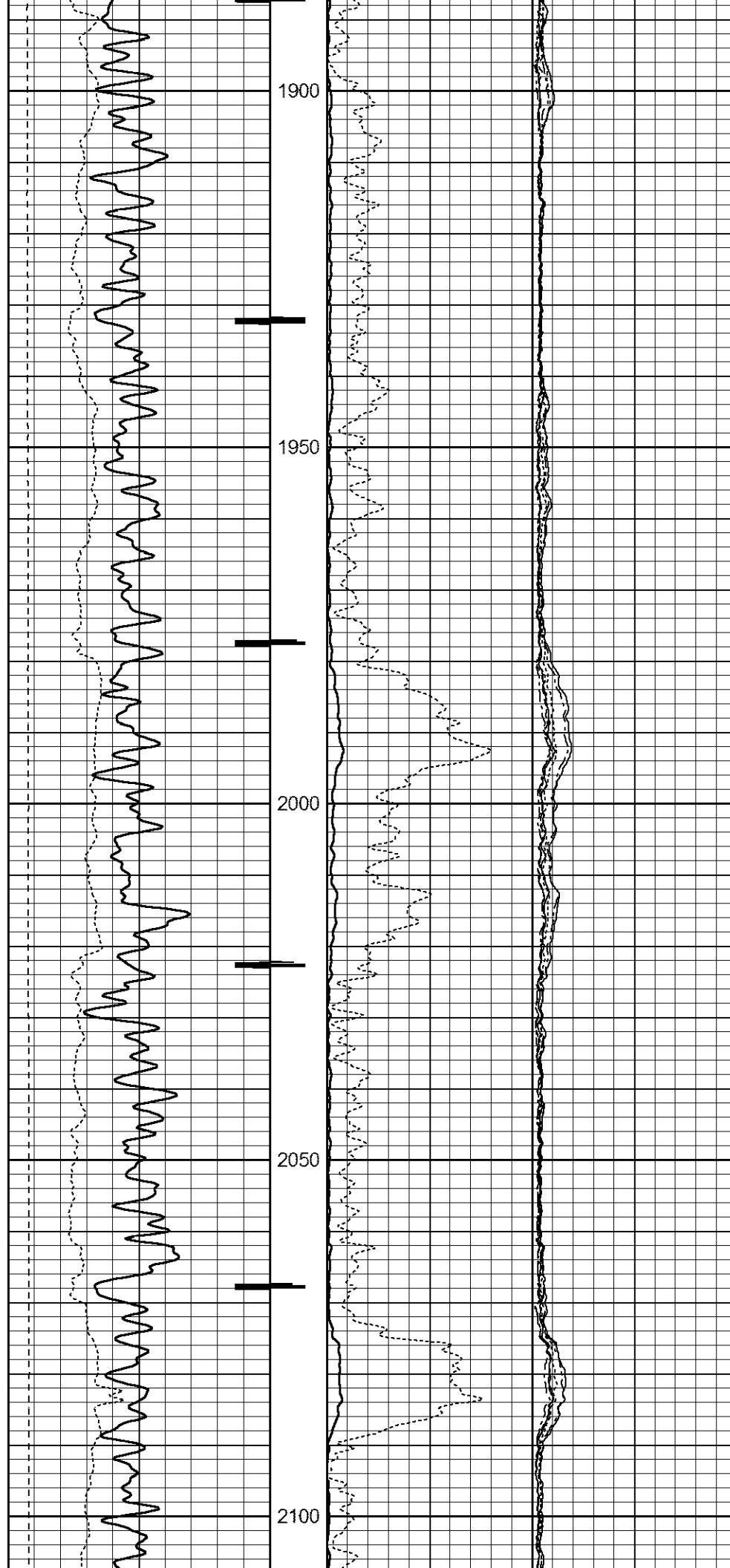


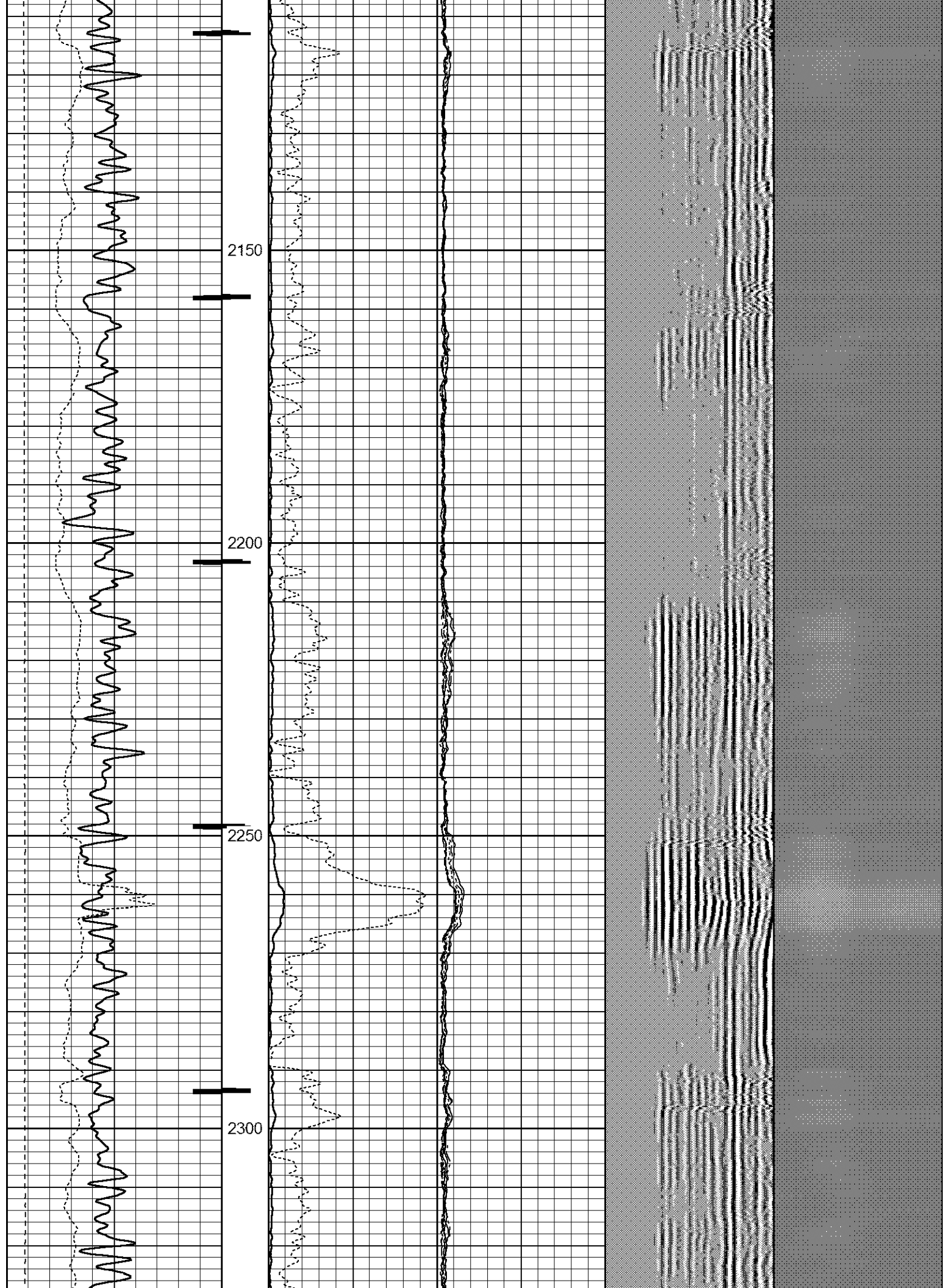


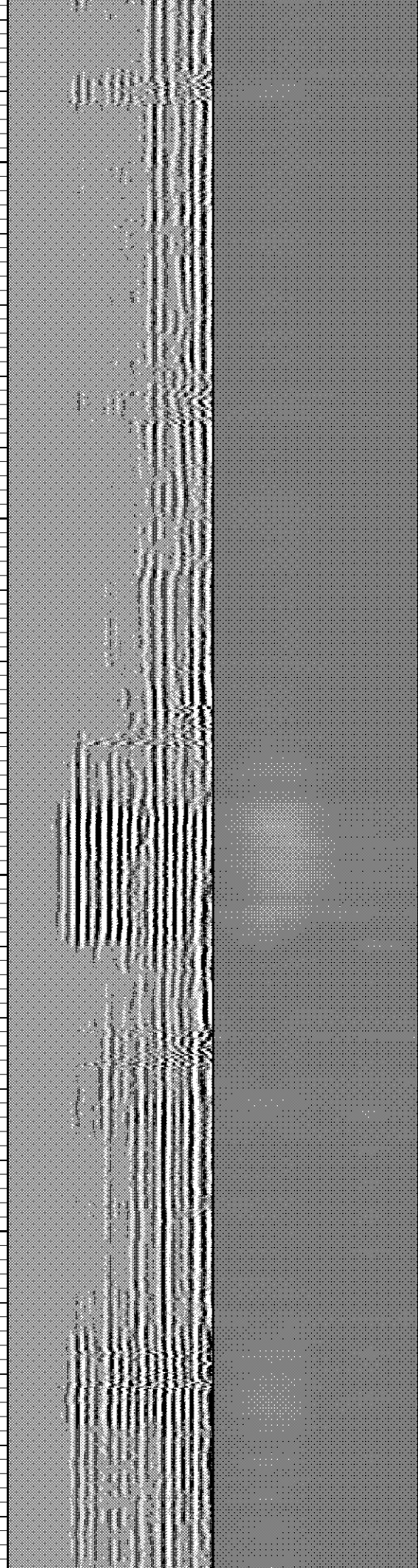
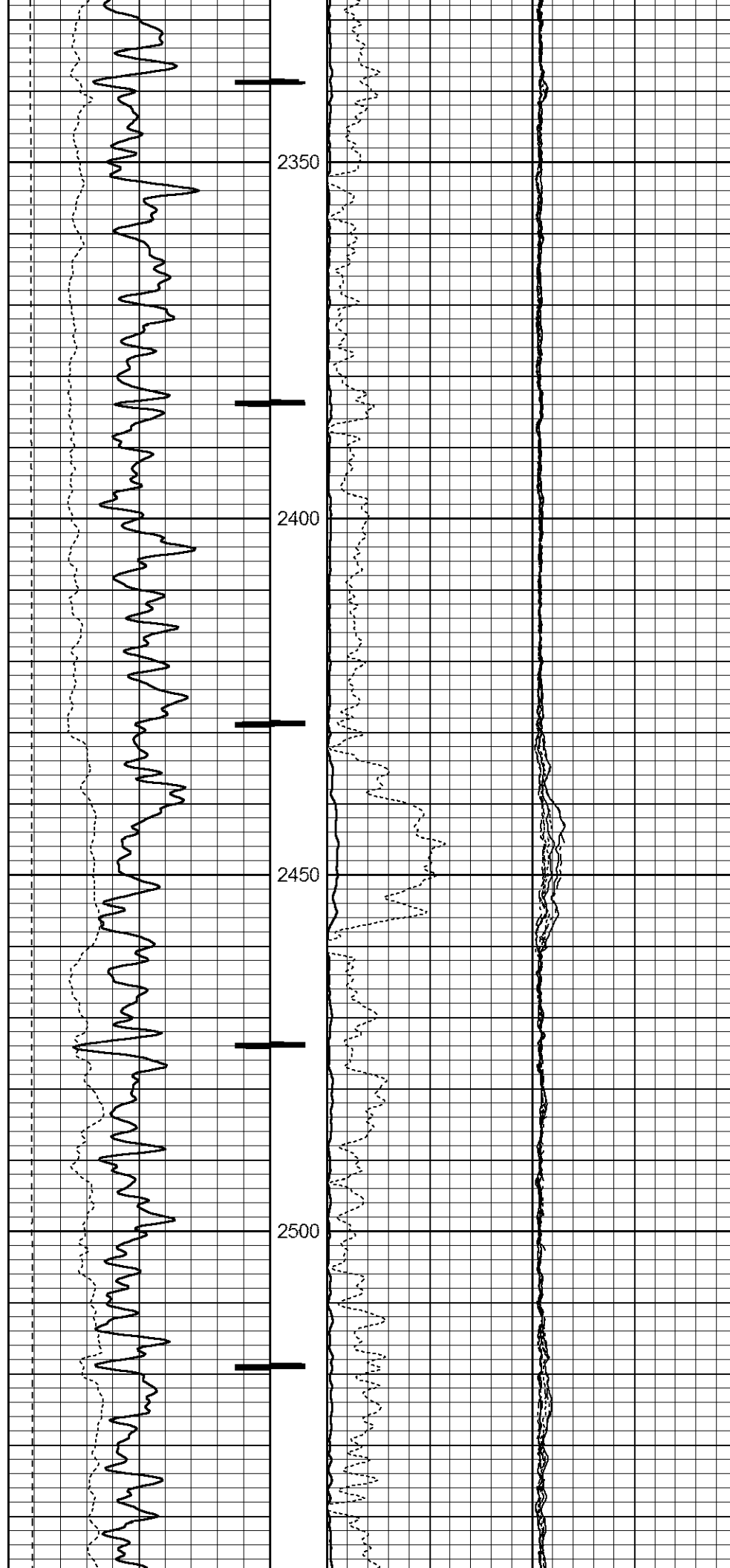


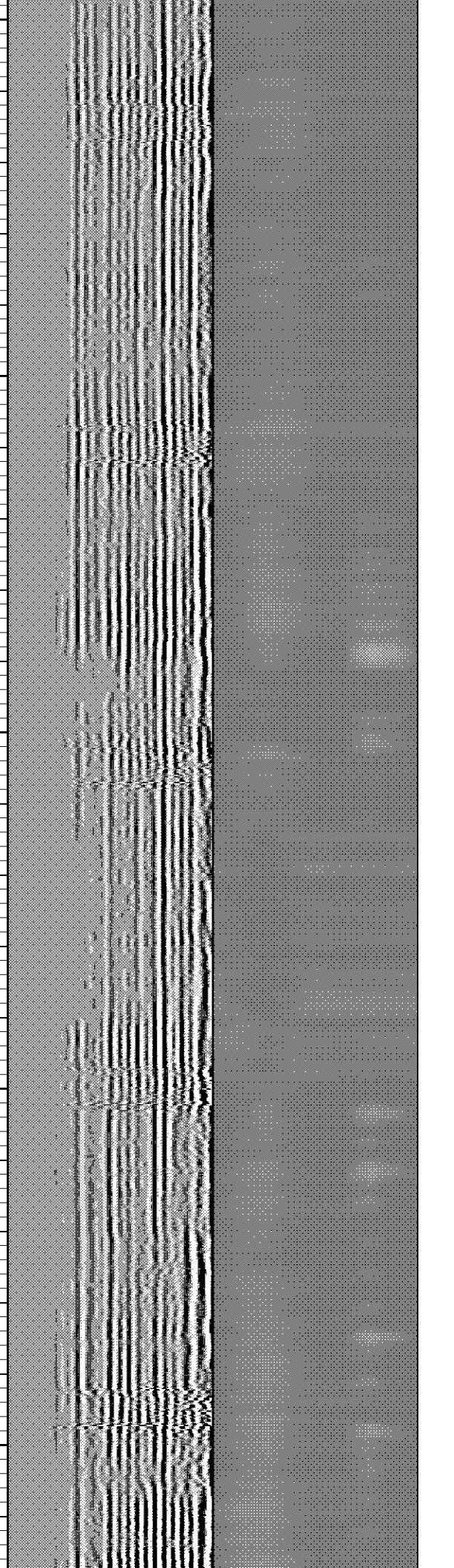


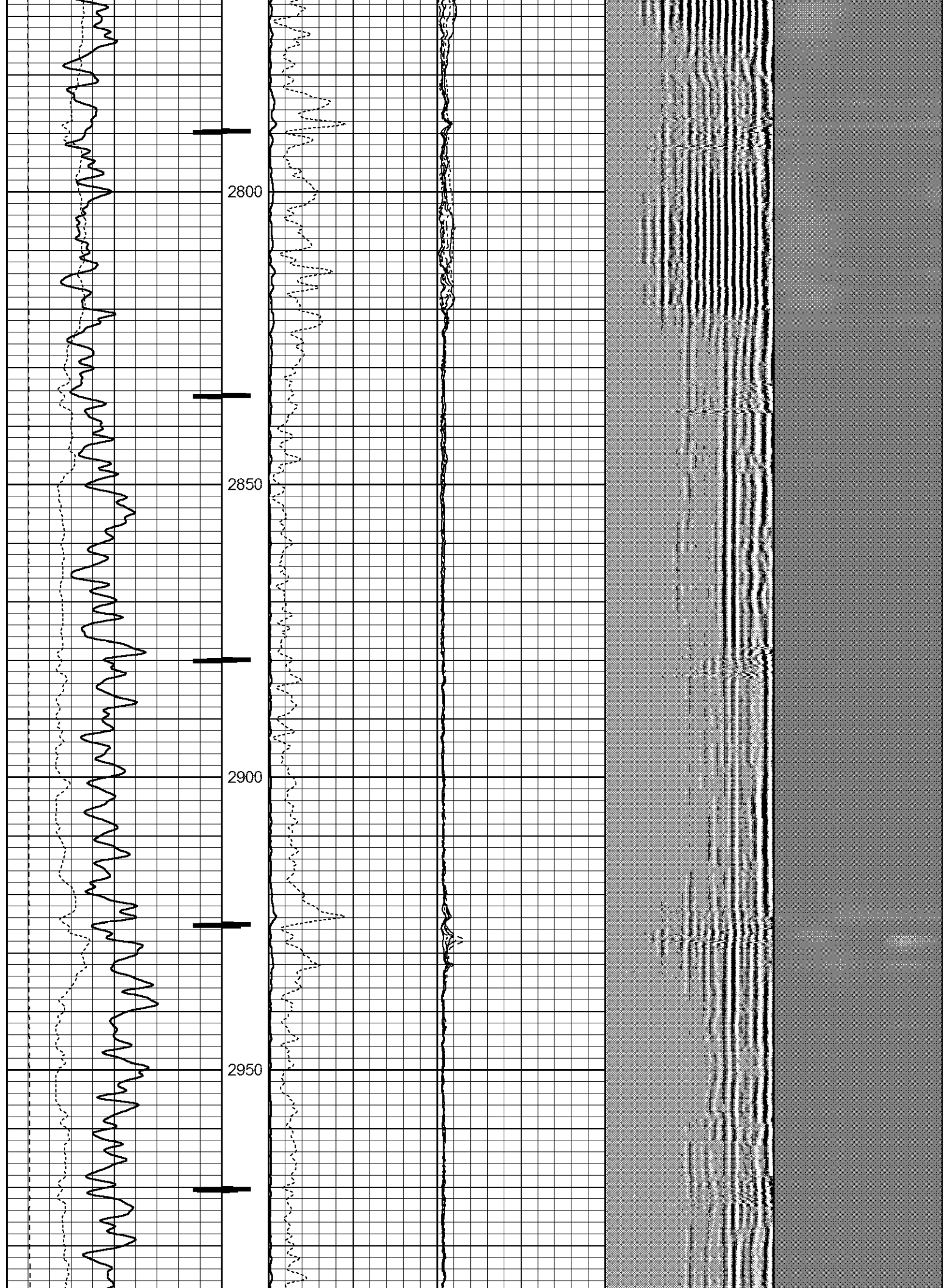


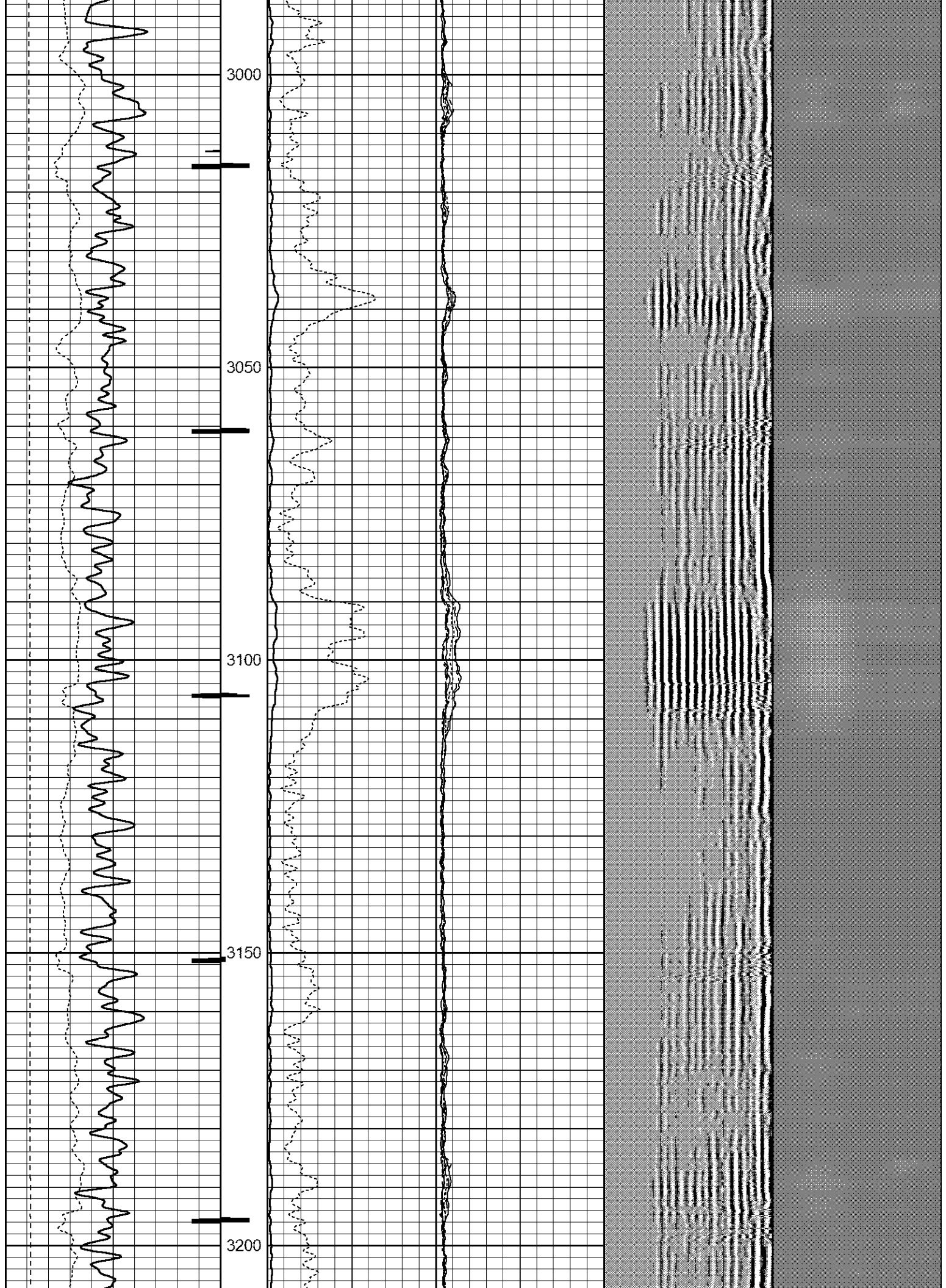






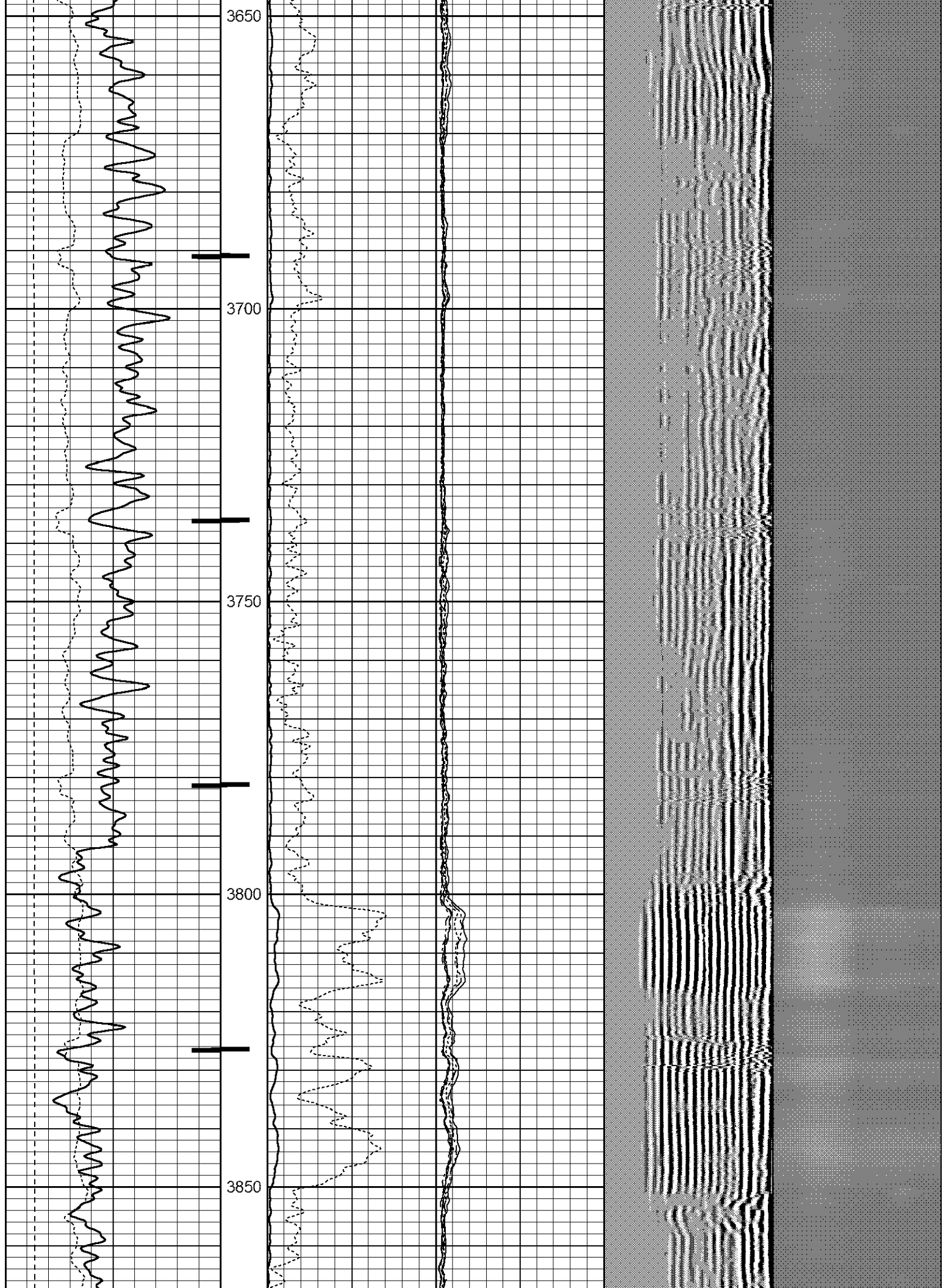


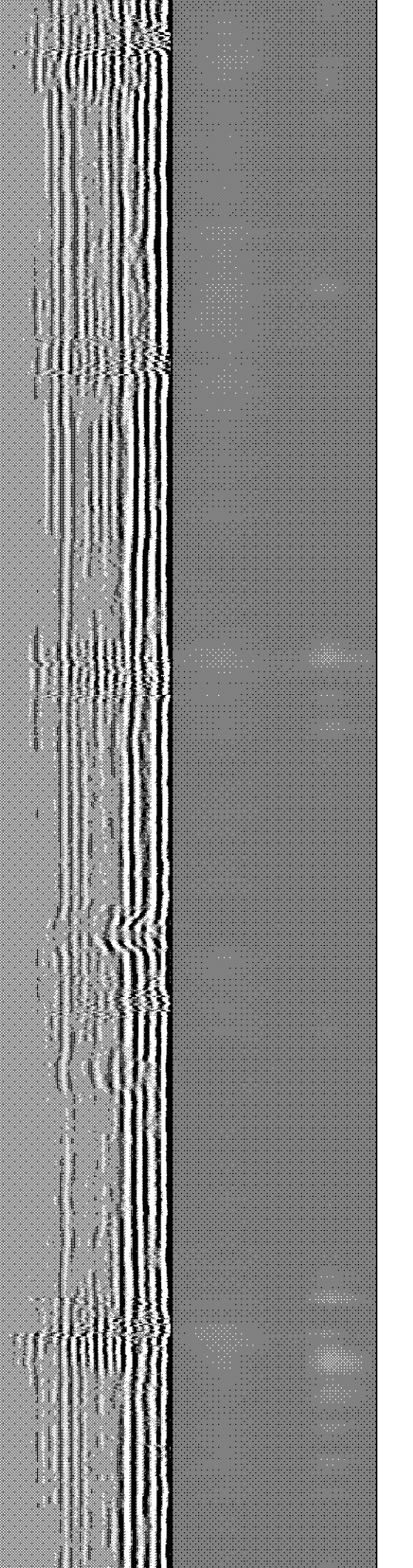
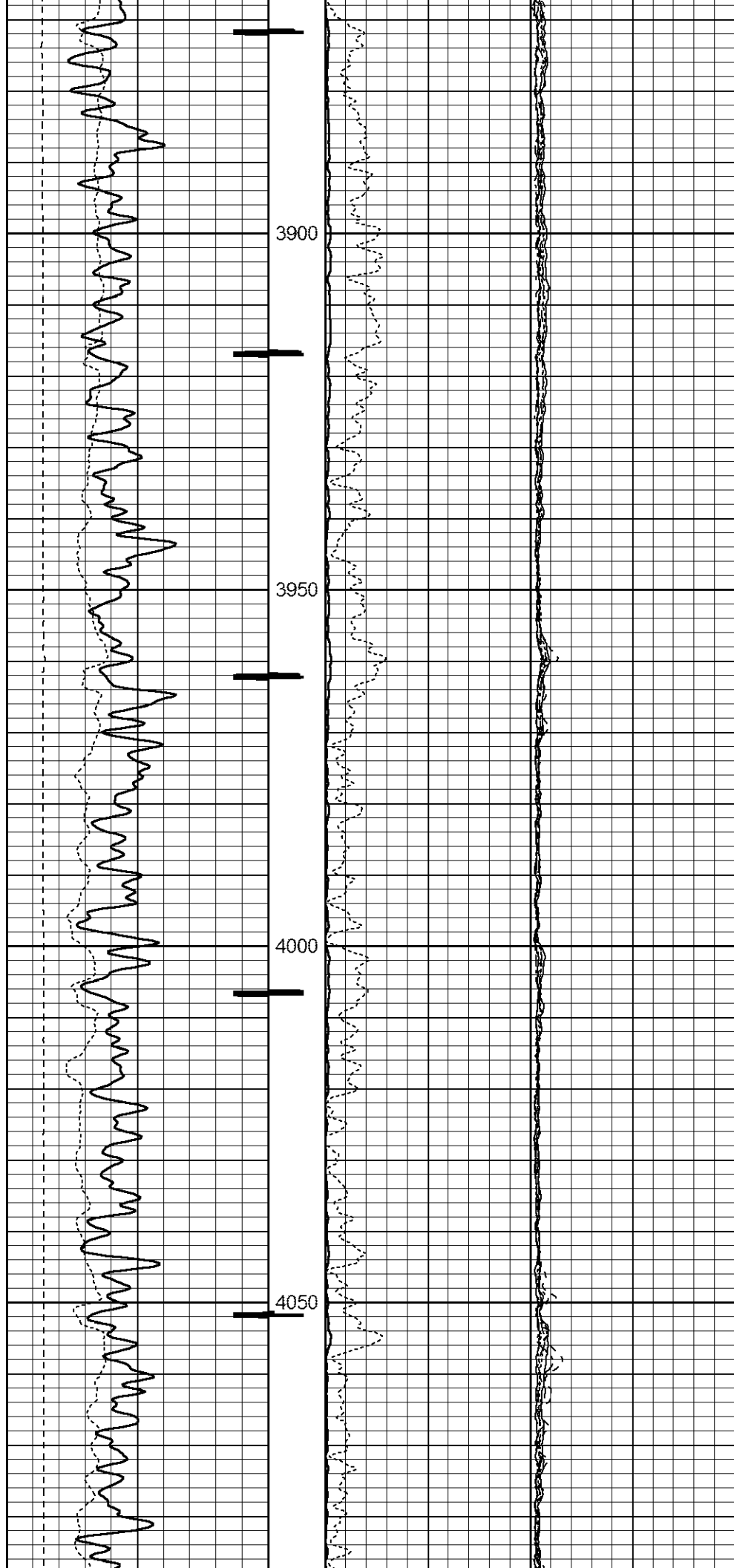




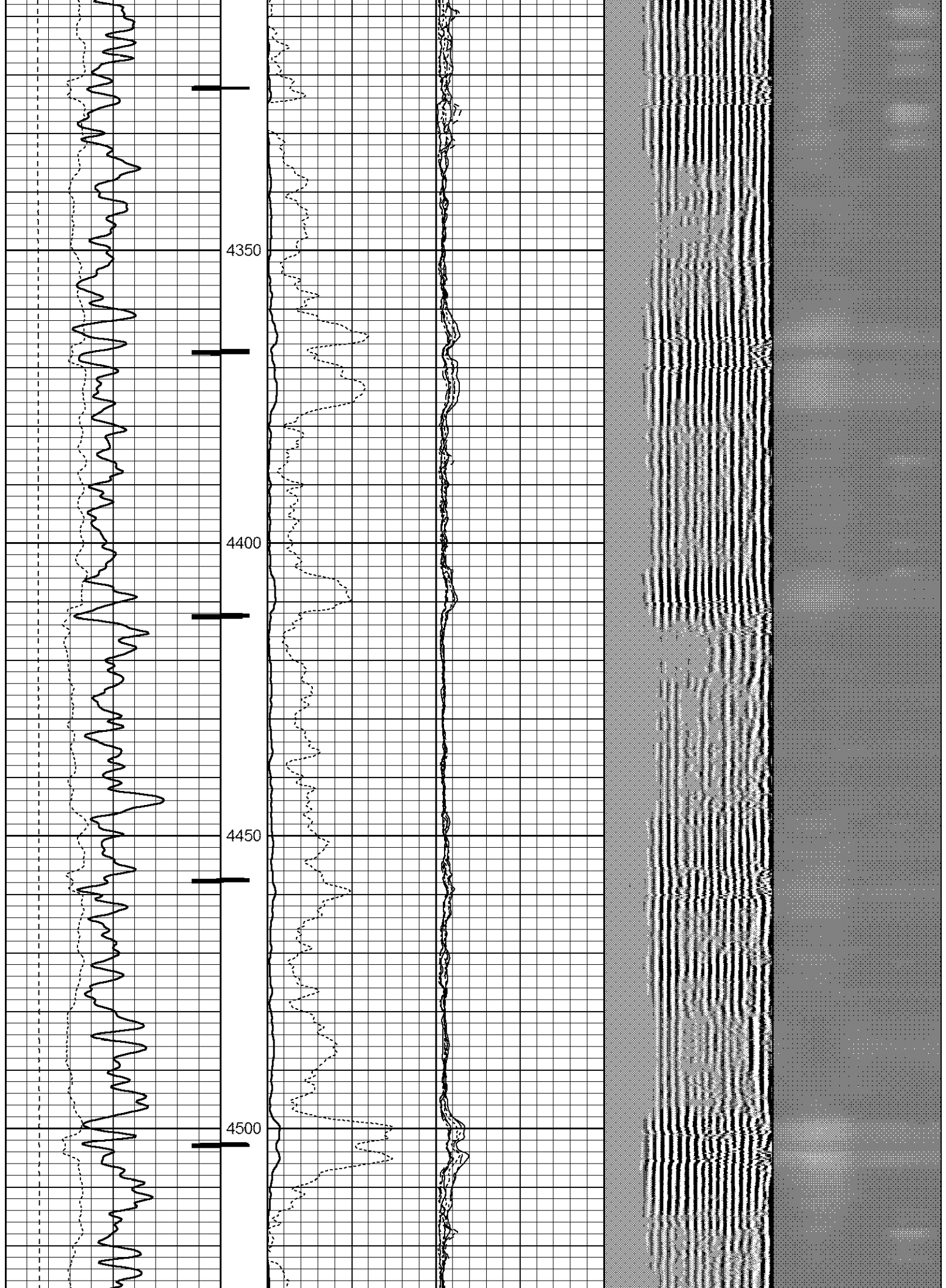


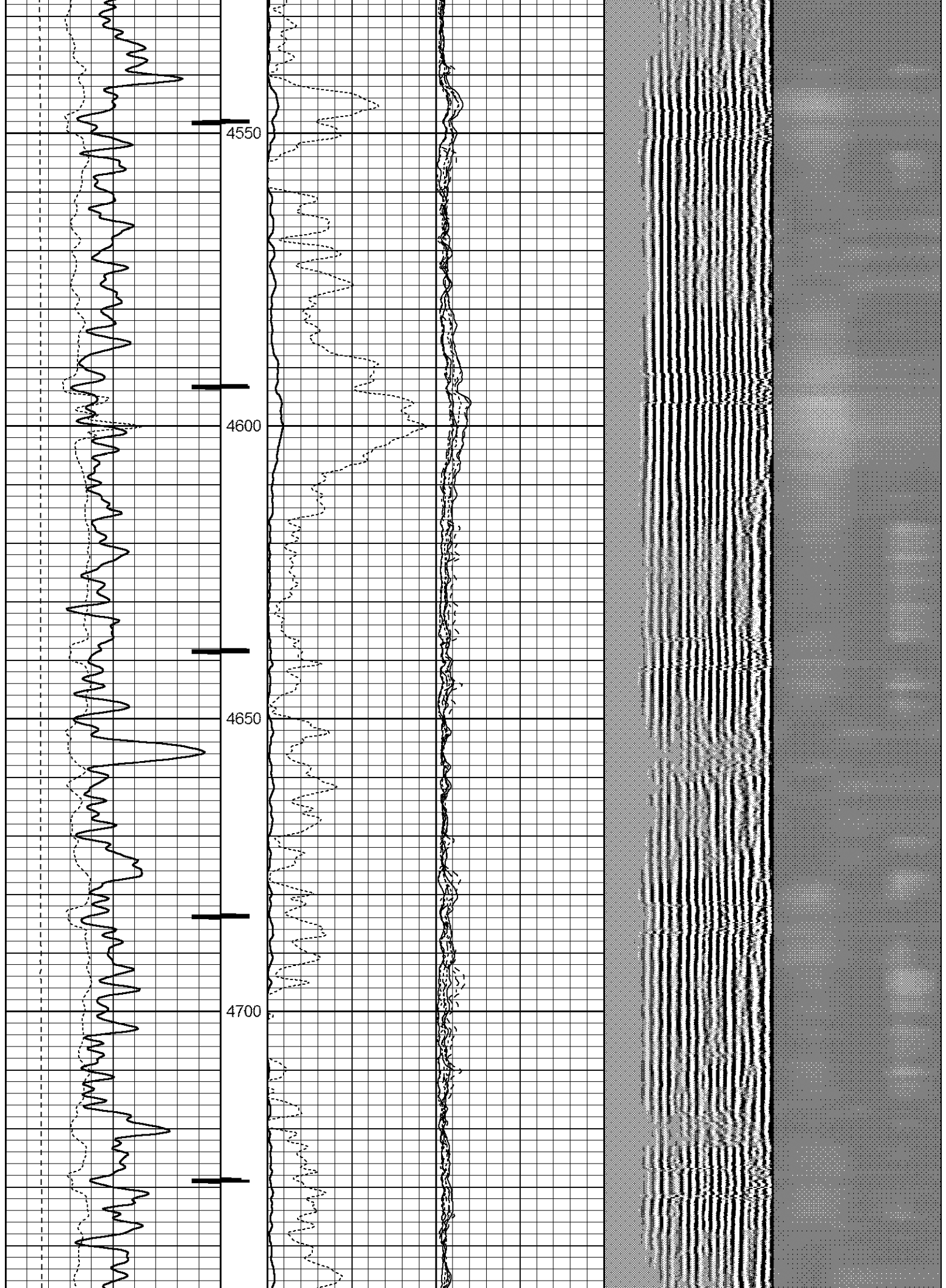


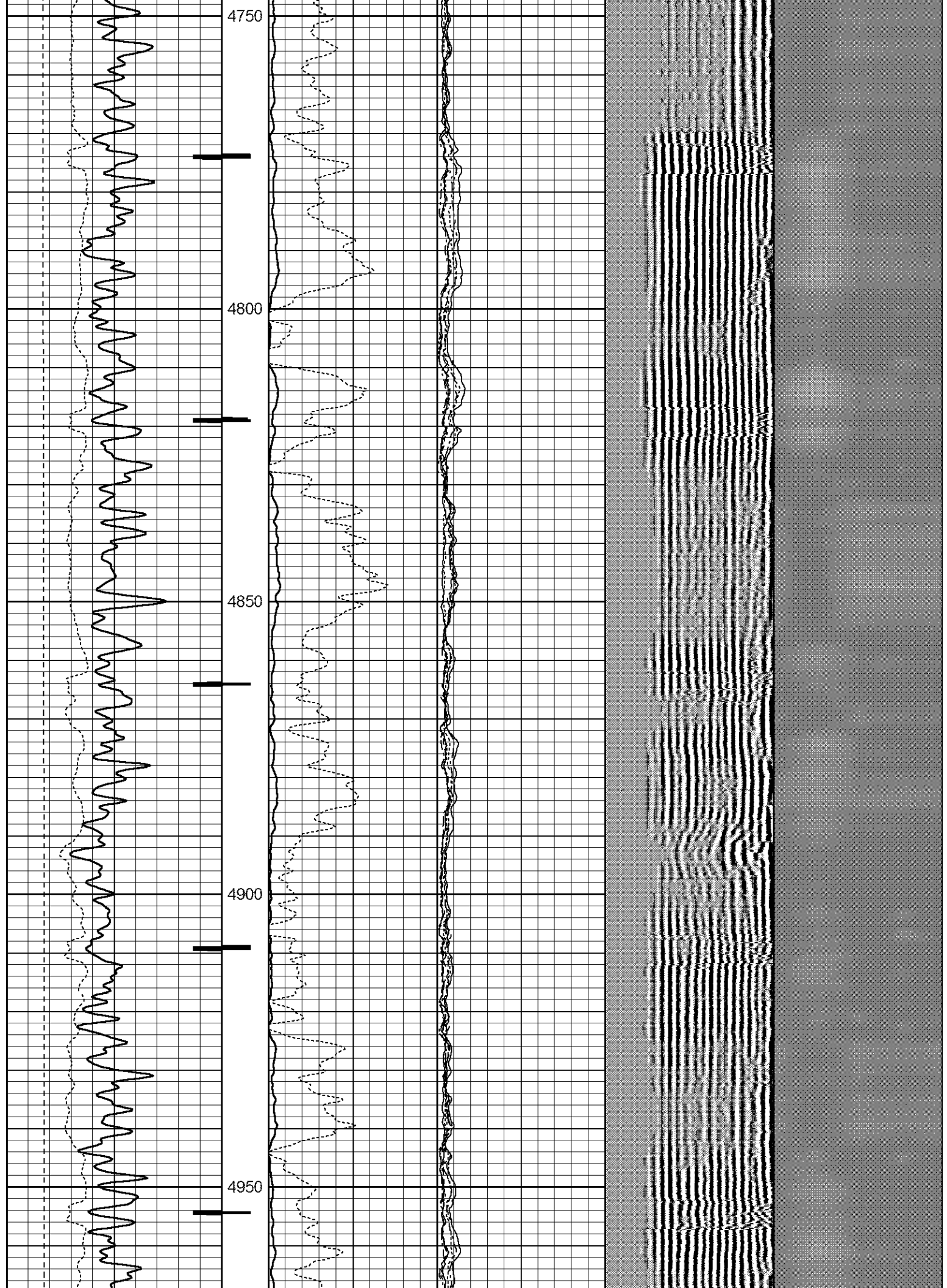


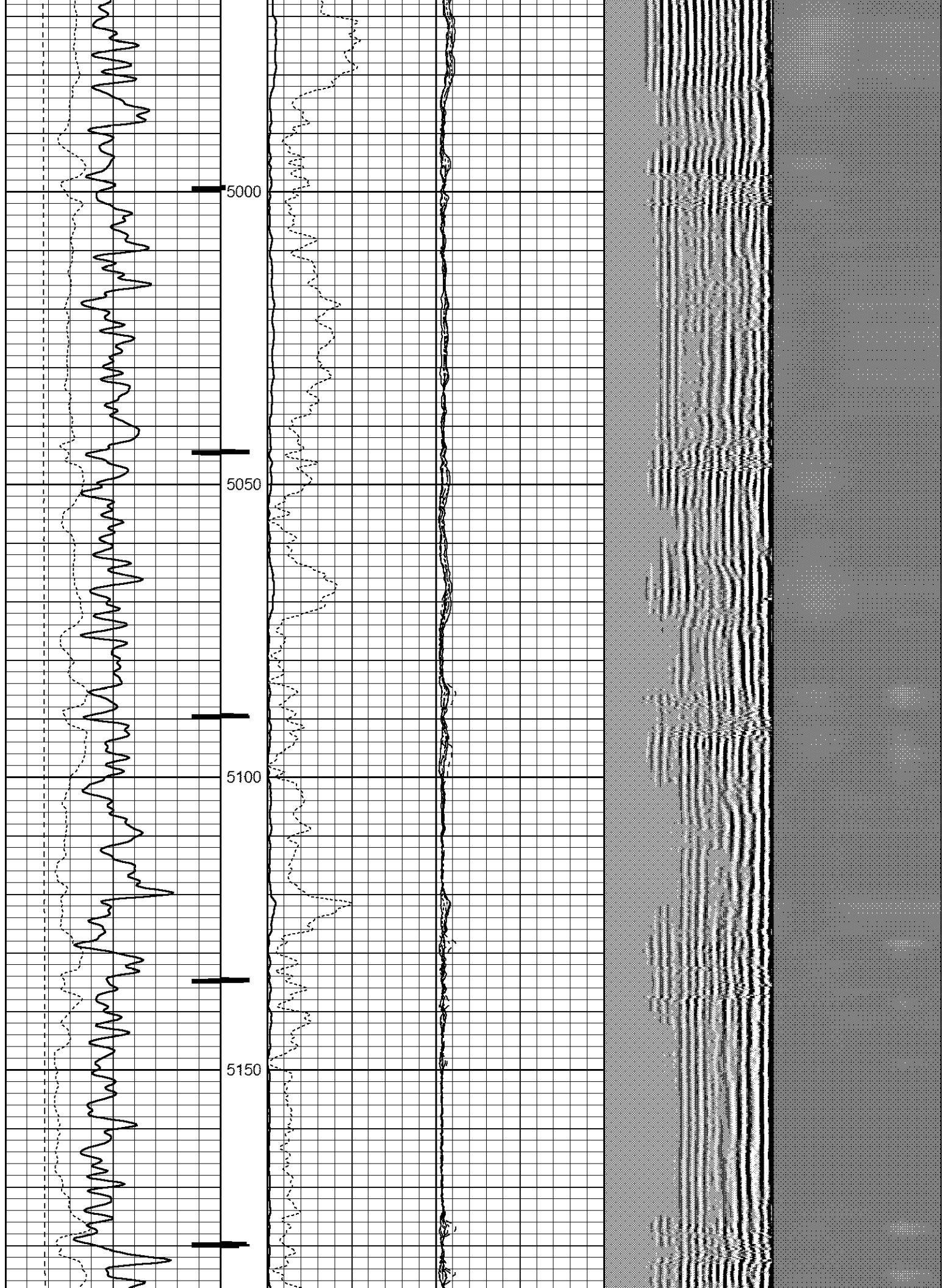


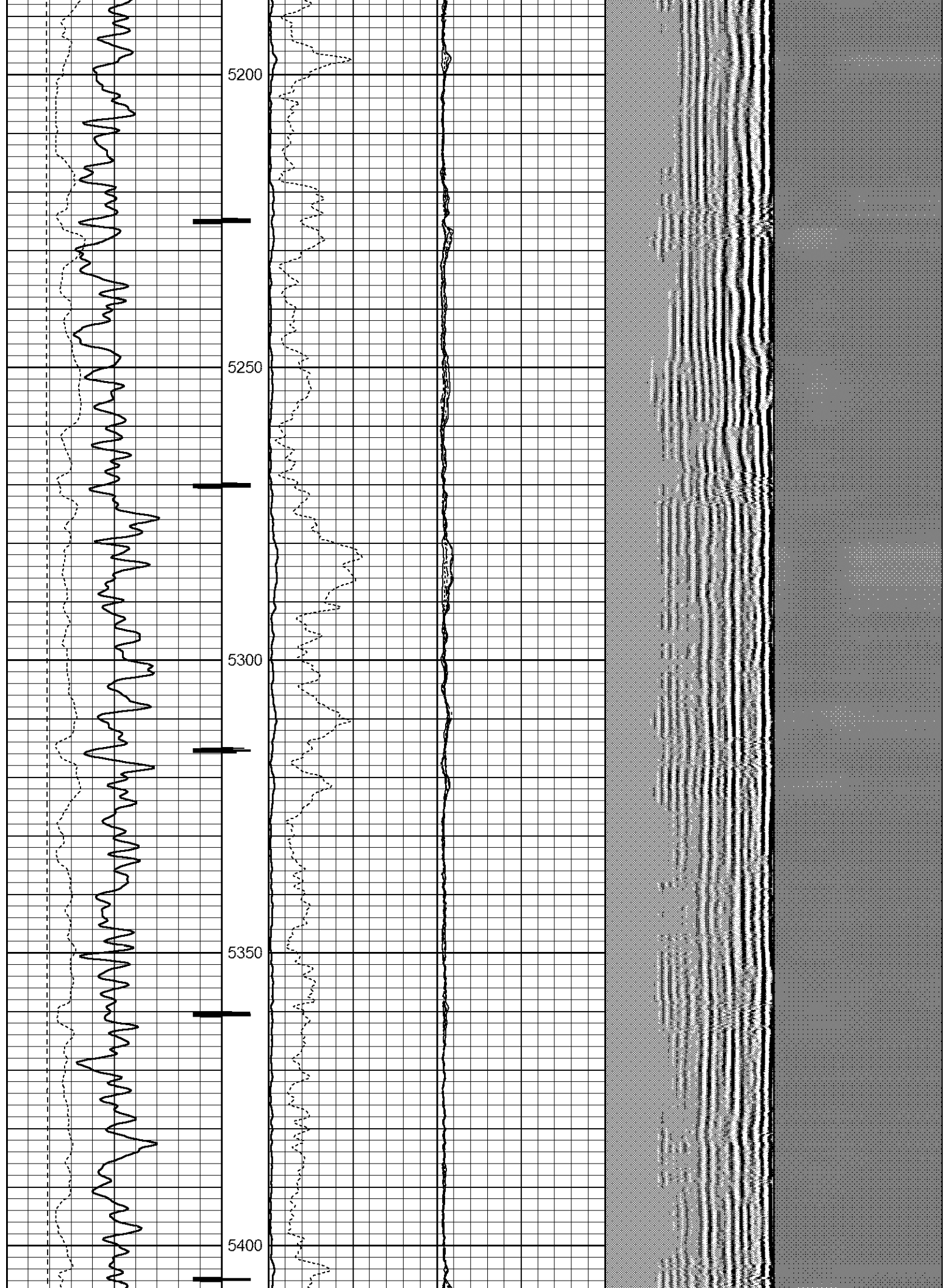


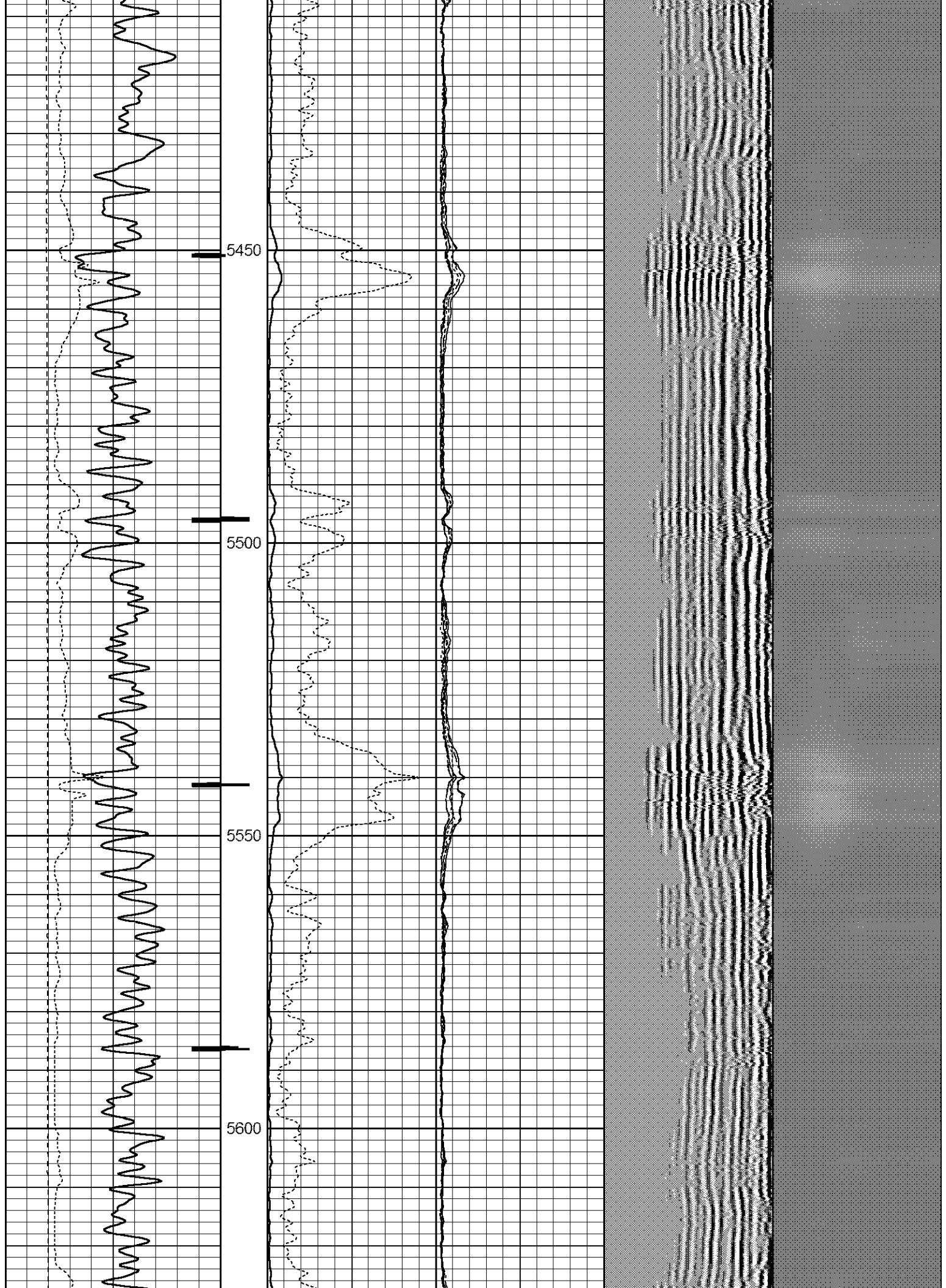


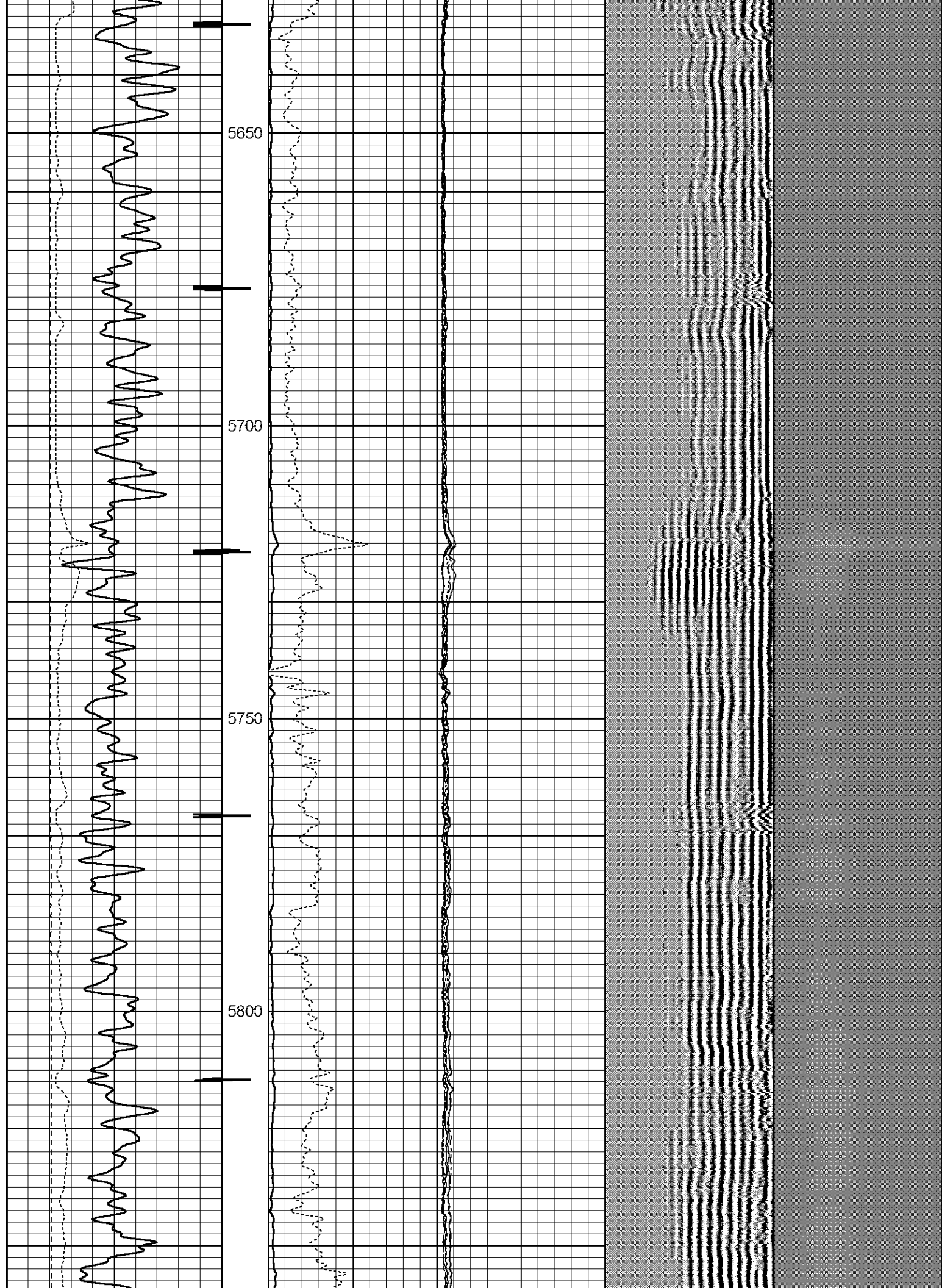


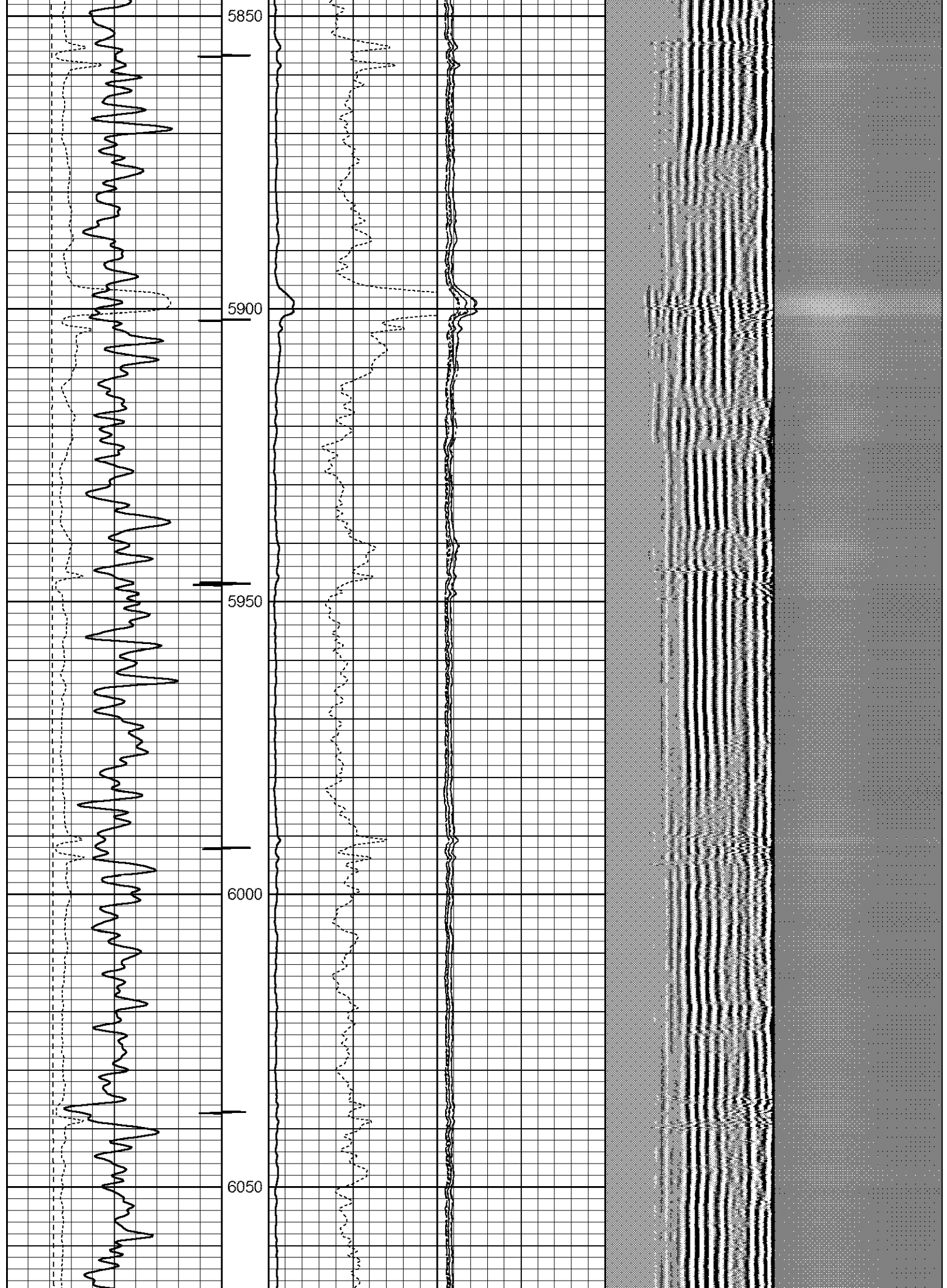


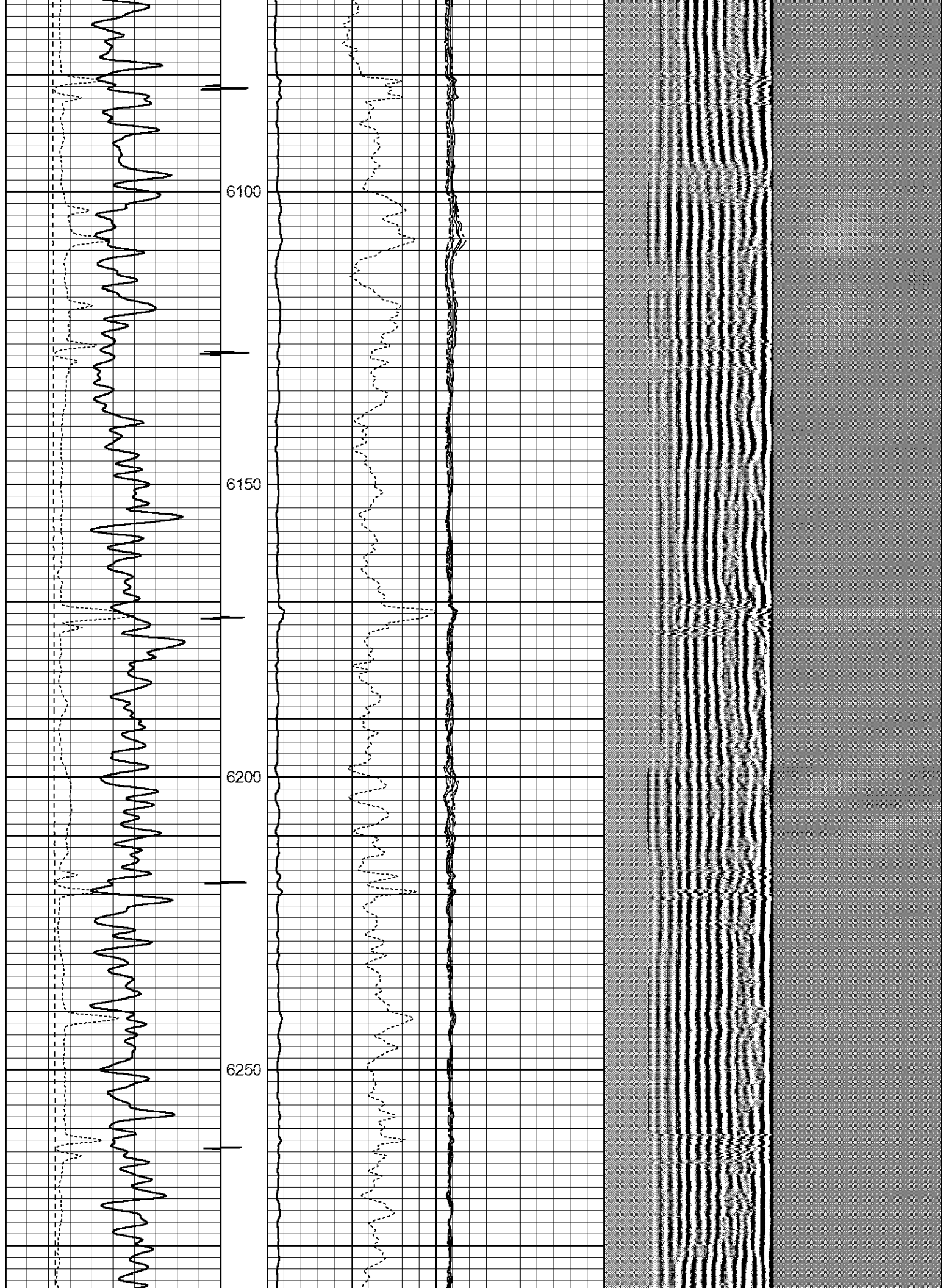


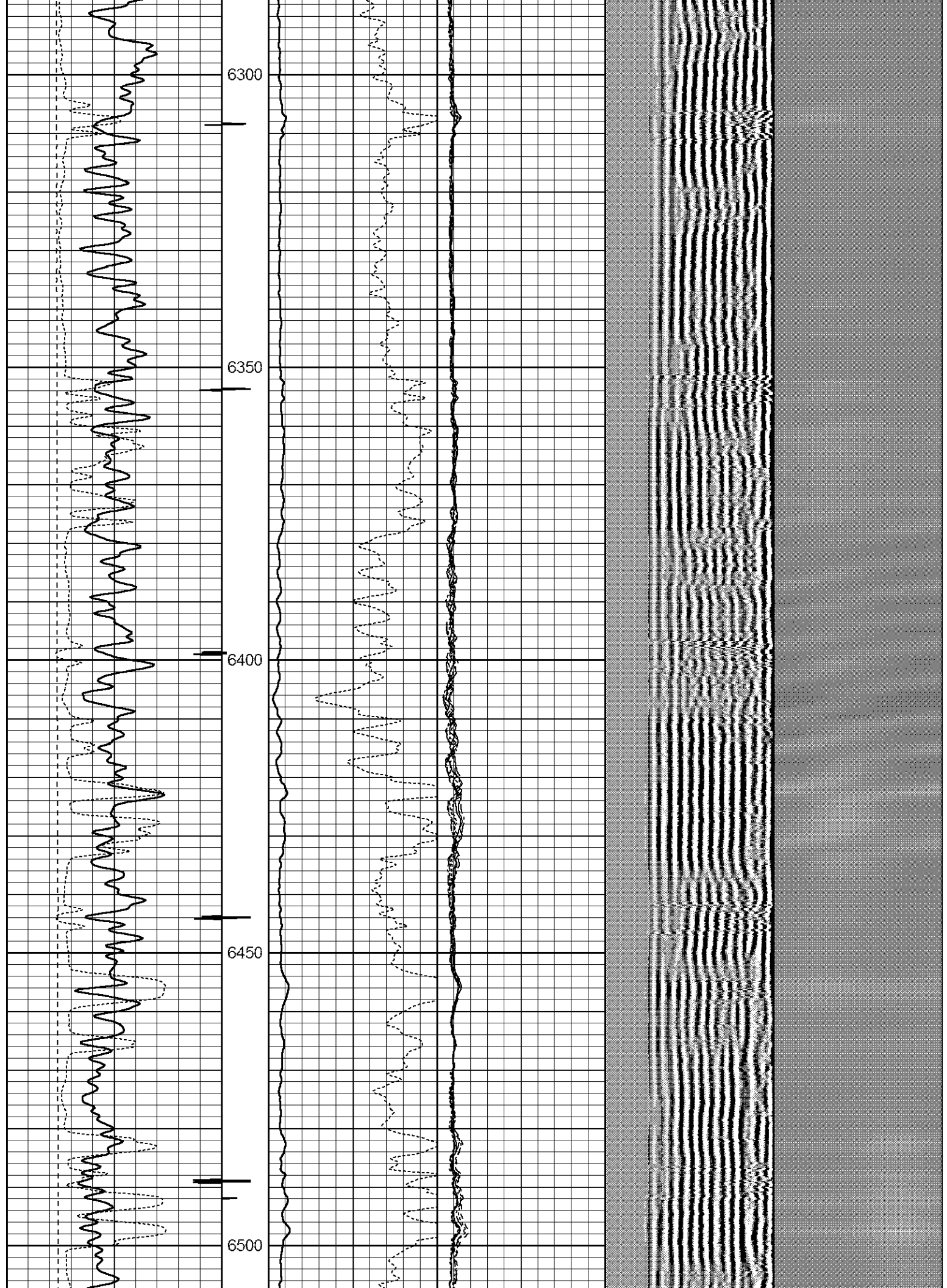




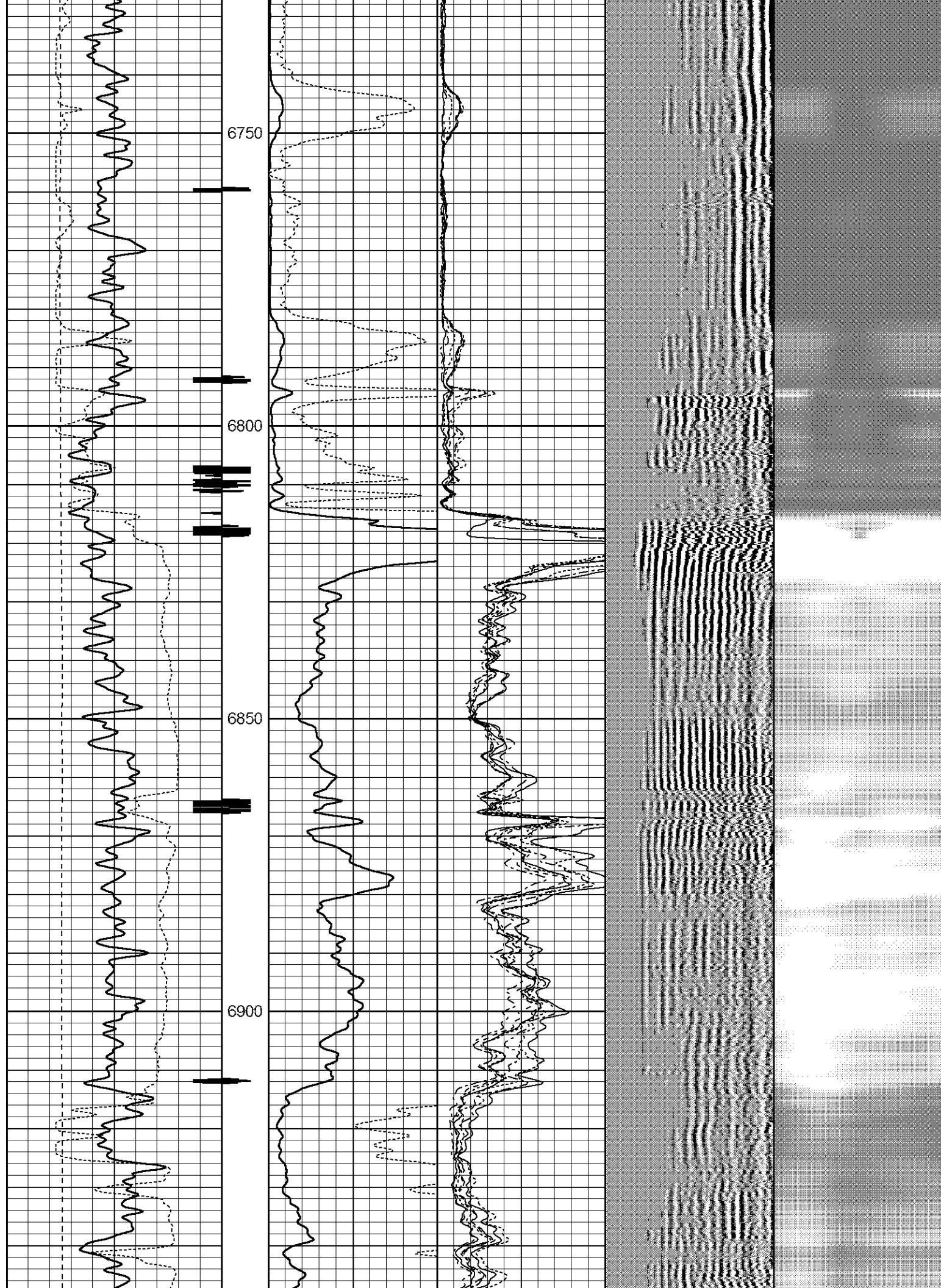


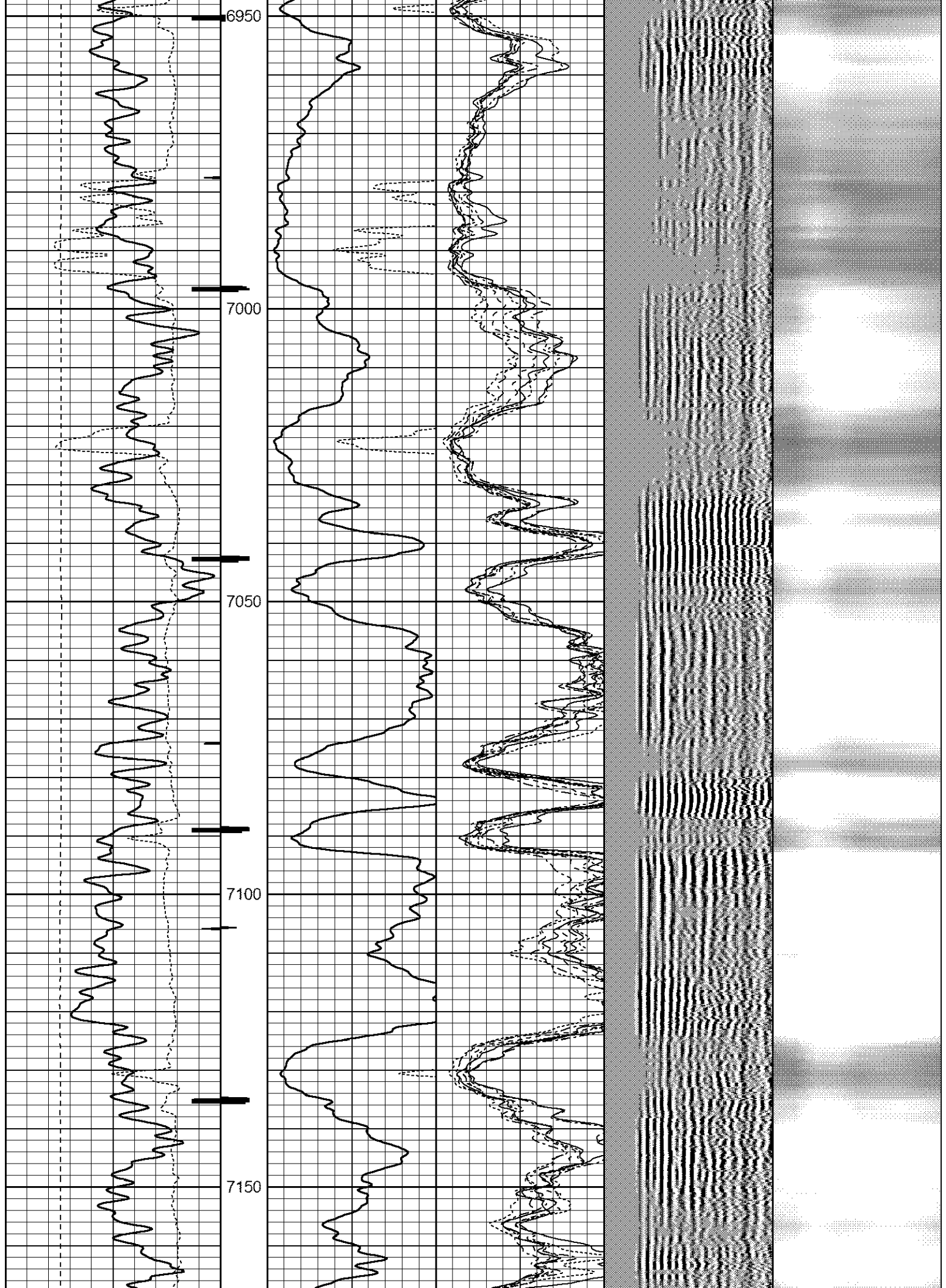


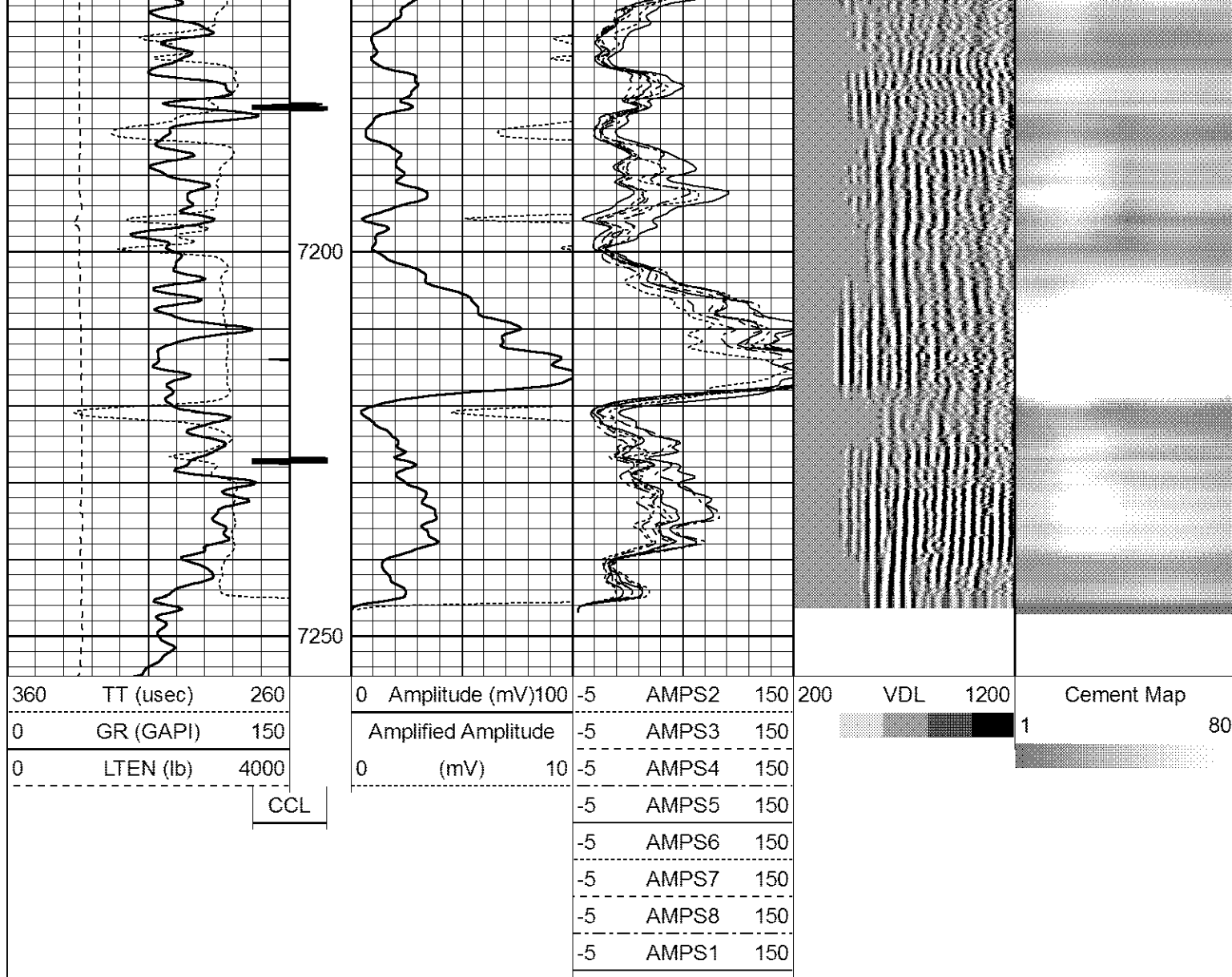












REPEAT PASS @ 0 PSI

Database File: bayswater sherley i-4-9hn.db
 Dataset Pathname: Wattenber/well/run1/pass5
 Presentation Format: anadarko
 Dataset Creation: Wed Jul 22 08:37:29 2015 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

