



Radial Bond Log
Gamma Ray/CCL

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

Location: API #: 05-123-40966
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'

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

Date 23-July-2015

| | |
|------------------------|--------------|
| Run Number | One |
| Depth Driller | 17,016' |
| Depth Logger | 7200' |
| Bottom Logged Interval | 7190' |
| Top Log Interval | Surface |
| Open Hole Size | N/A |
| Type Fluid | Water |
| Density / Viscosity | N/A |
| Max. Recorded Temp. | N/A |
| Estimated Cement Top | 0' |
| Time Well Ready | Upon Arrival |
| Time Logger on Bottom | 14:45 |
| 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# | 6564' | 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 e-4-9hn.db
Dataset Pathname: pass3
Dataset Creation: Thu Jul 23 13:57:56 2015 by Log 7.0 B1

Gamma Ray Calibration Report

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 |
|--|---------|----------------|---------|
|--|---------|----------------|---------|

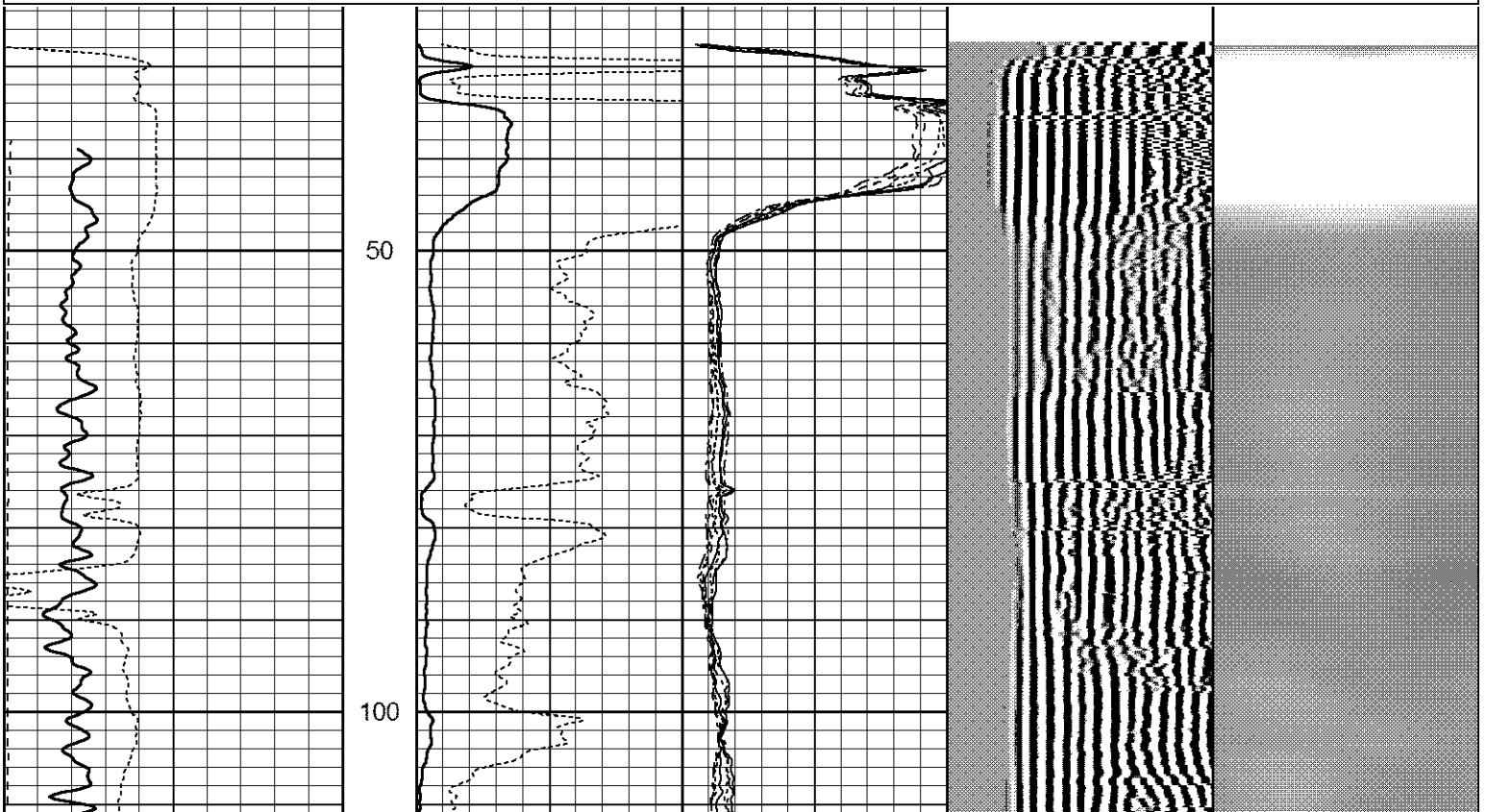
| | Raw (v) | Calibrated (v) | Results |
|-----|---------|----------------|---------|
| | Zero | Zero | Offset |
| 3' | 0.000 | 0.000 | 0.000 |
| 5' | 0.000 | 0.000 | 0.000 |
| SUM | | | |
| S1 | 0.000 | 0.000 | 0.000 |
| S2 | 0.000 | 0.000 | 0.000 |
| S3 | 0.000 | 0.000 | 0.000 |
| S4 | 0.000 | 0.000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

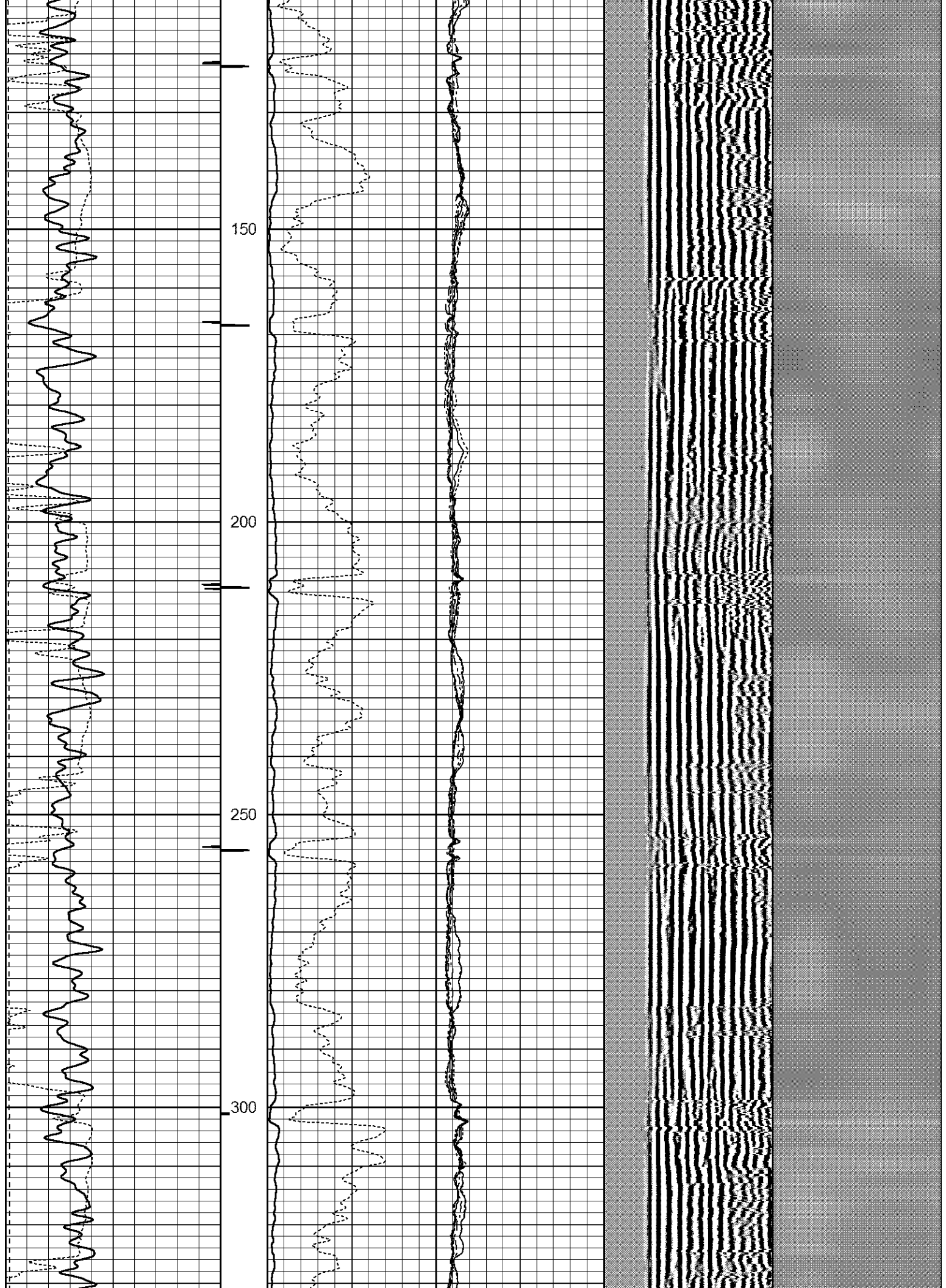


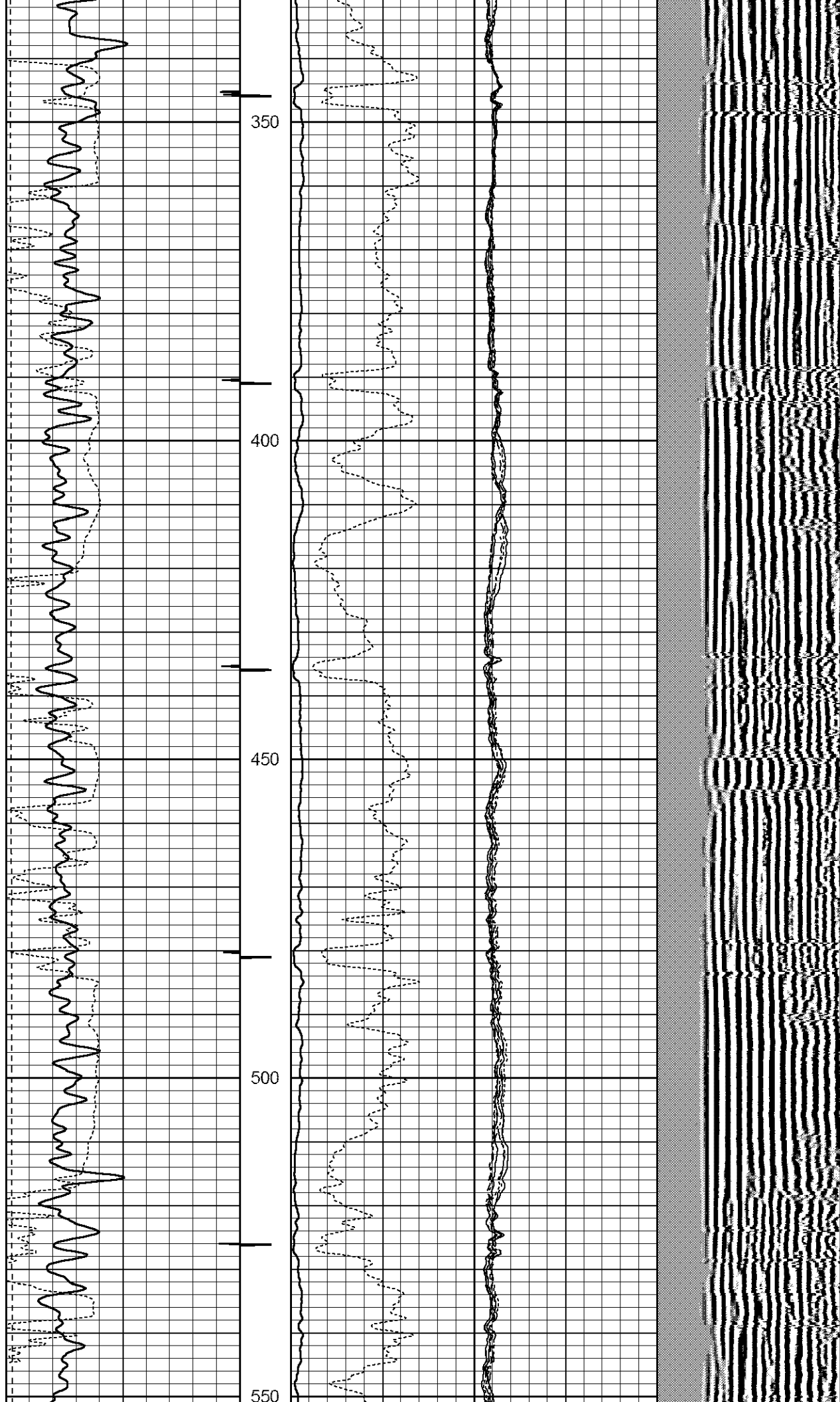
MAIN PASS @ 1000 PSI

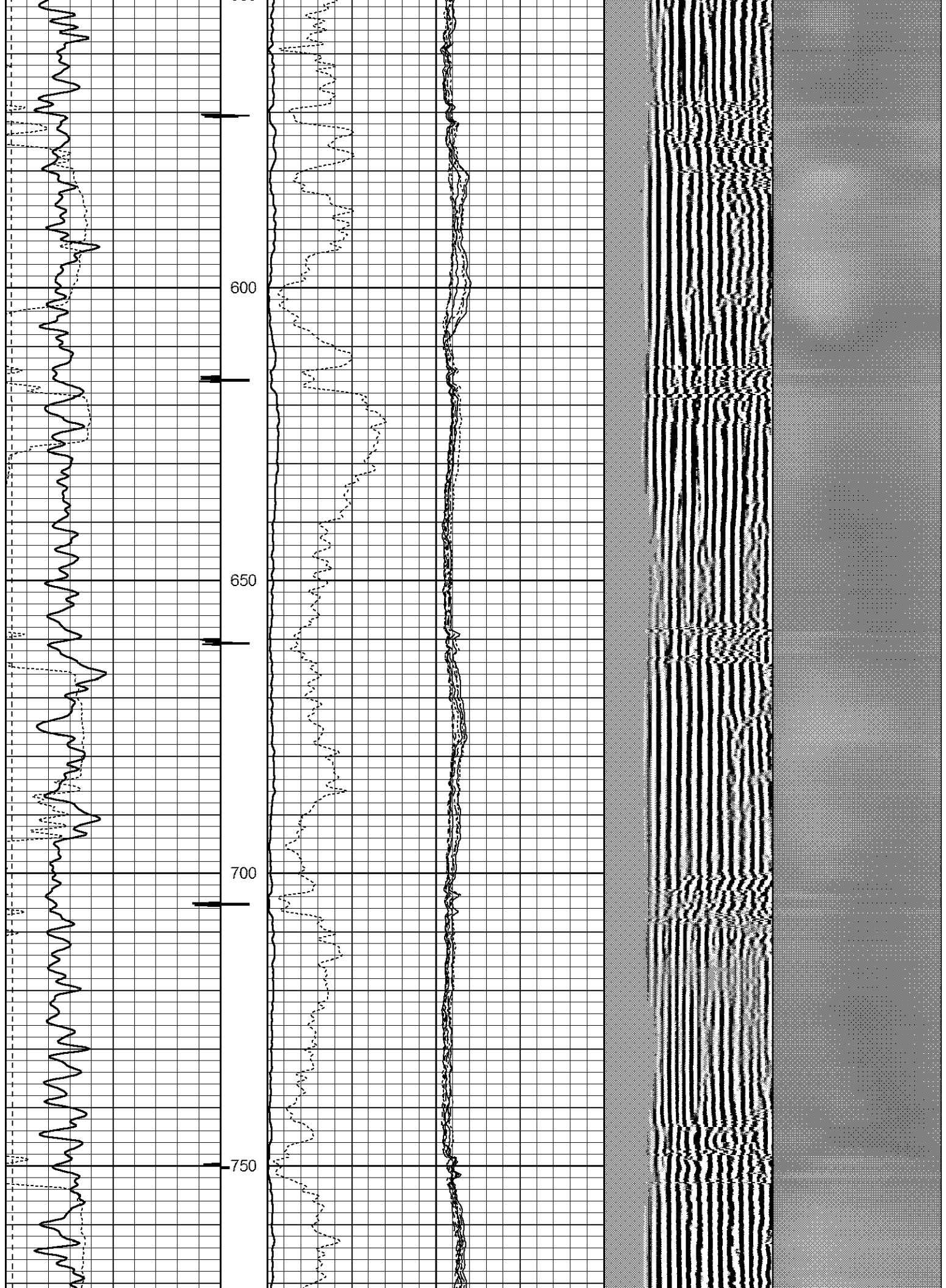
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 Dataset Pathname: pass4
 Presentation Format: anadarko
 Dataset Creation: Thu Jul 23 14:12:04 2015 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

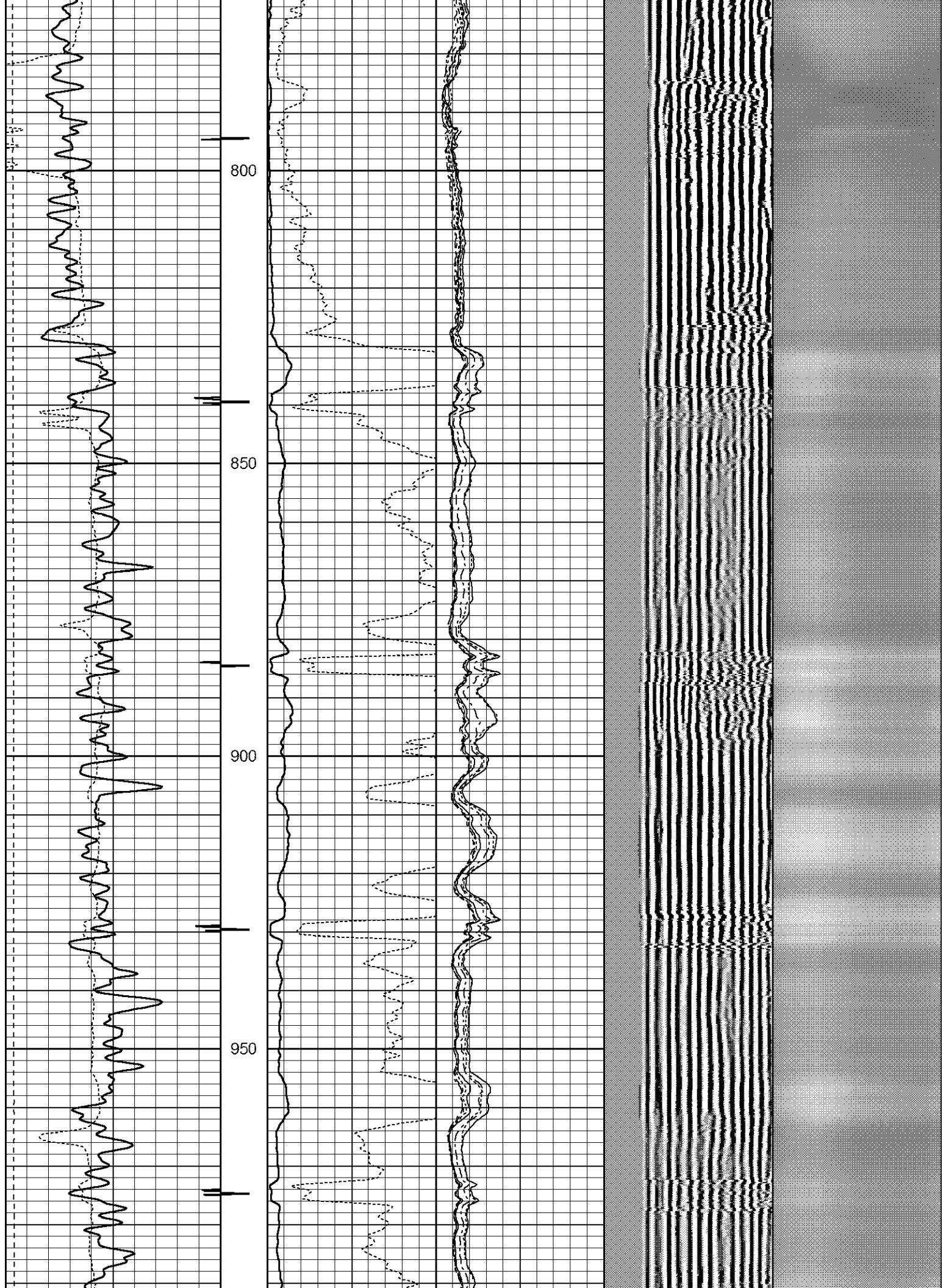
| | | | | | | | | | | | | | |
|-----|-----------|------|----------------|---|---------------------|----|-------|-----|-------------|-----|------|------------|----|
| 325 | TT (usec) | 225 | <div>CCL</div> | 0 | Amplitude (mV)100 | -5 | AMPS2 | 150 | 200 | VDL | 1200 | Cement Map | |
| 0 | GR (GAPI) | 150 | | | Amplified Amplitude | -5 | AMPS3 | 150 | <div></div> | | | 1 | 80 |
| 0 | LTEN (lb) | 4000 | | 0 | (mV) 10 | -5 | AMPS4 | 150 | | | | | |
| | | | | | | -5 | AMPS5 | 150 | | | | | |
| | | | | | | -5 | AMPS6 | 150 | | | | | |
| | | | | | | -5 | AMPS7 | 150 | | | | | |
| | | | | | | -5 | AMPS8 | 150 | | | | | |
| | | | | | | -5 | AMPS1 | 150 | | | | | |

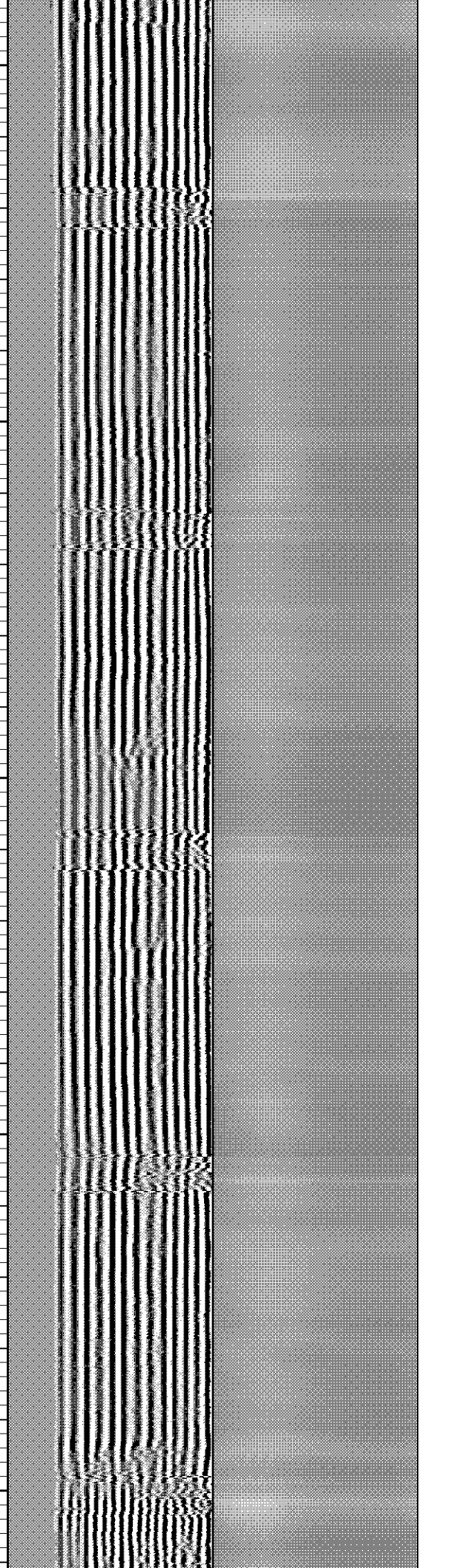
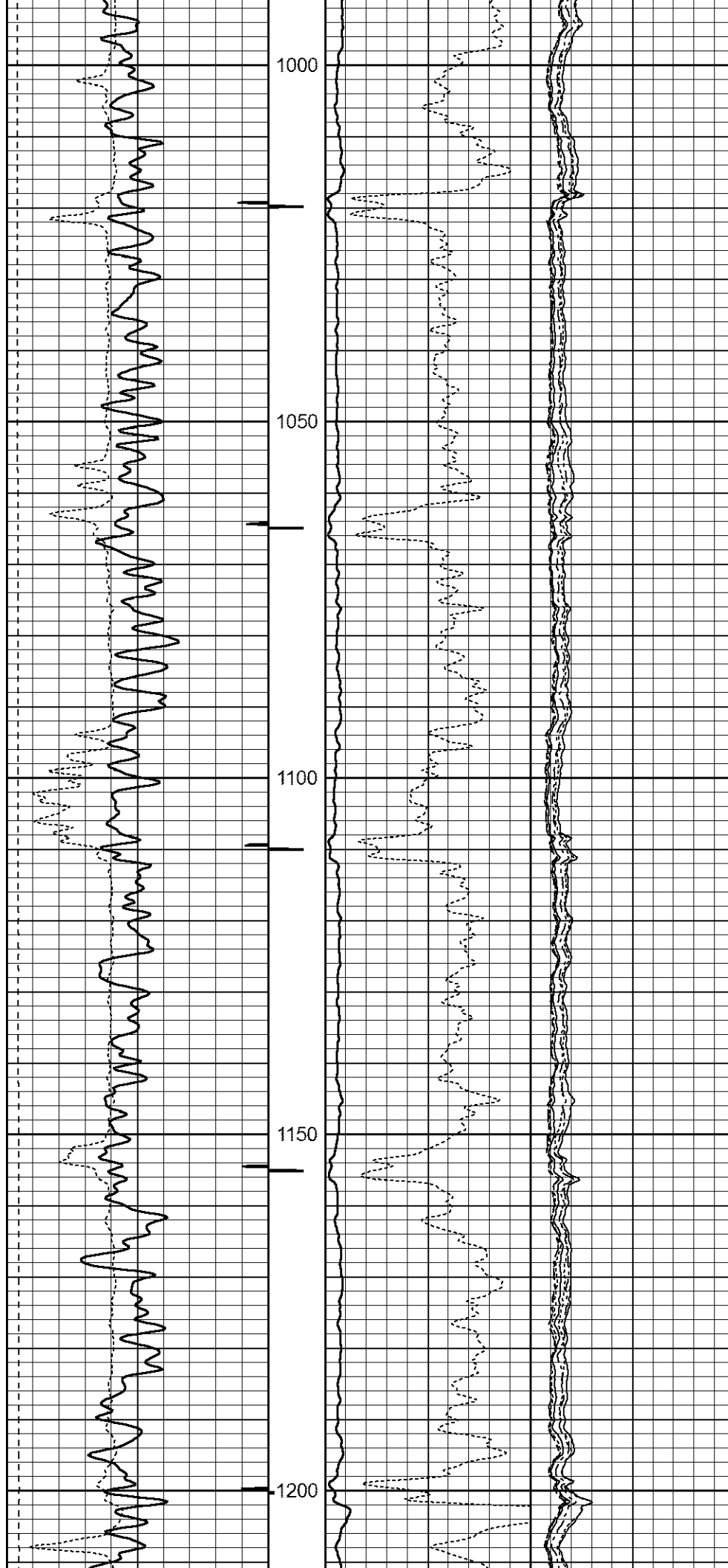


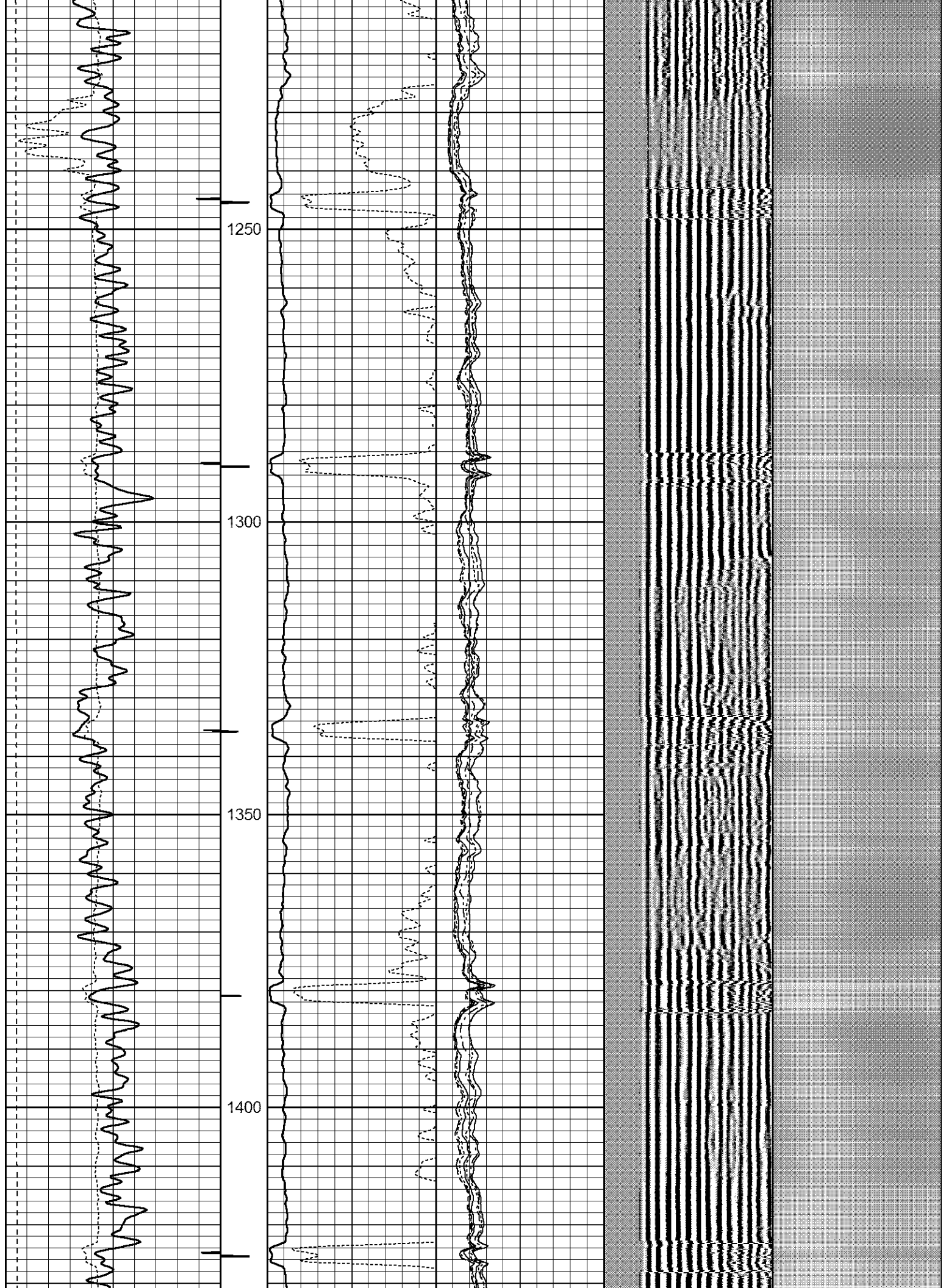


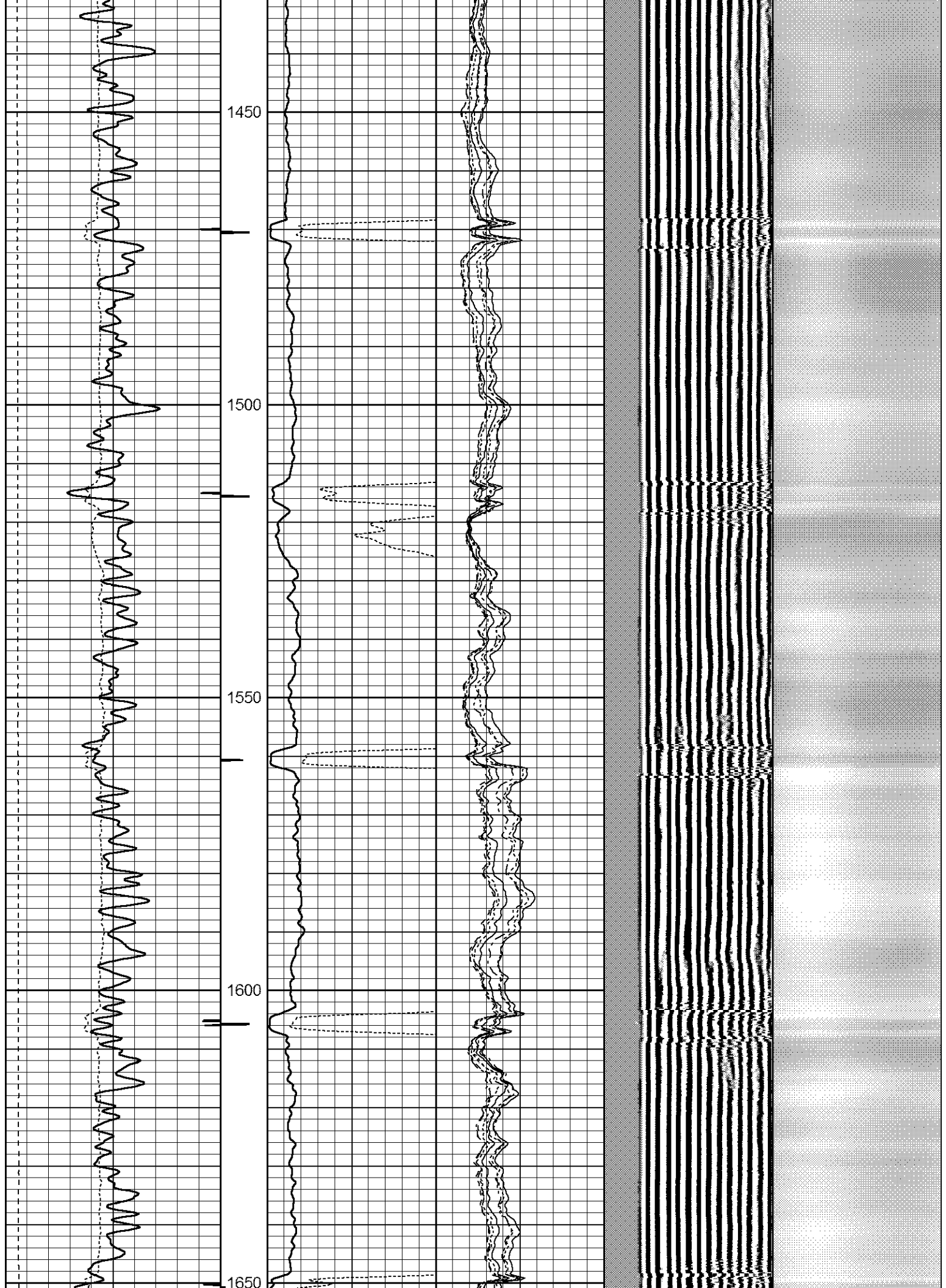




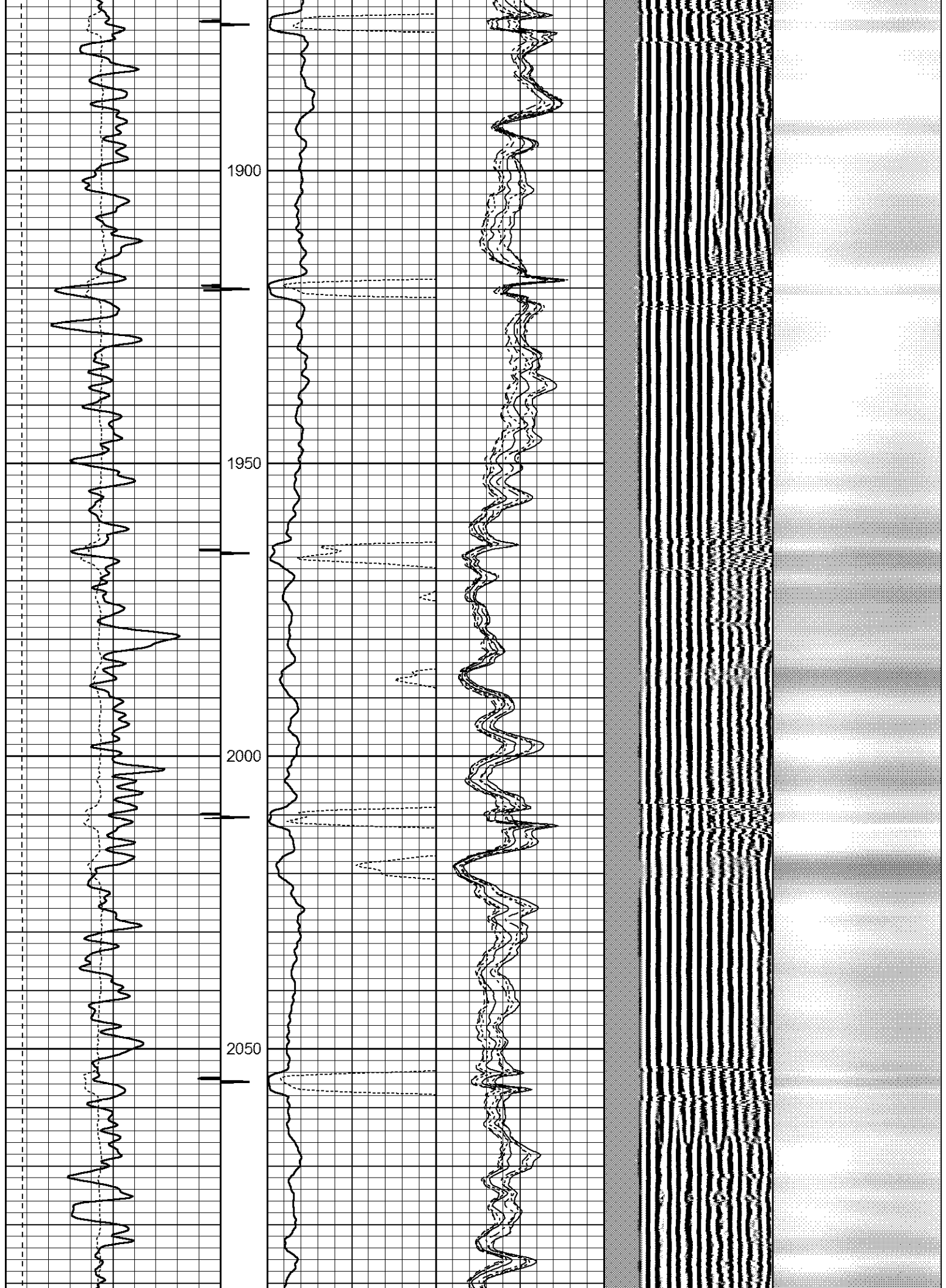


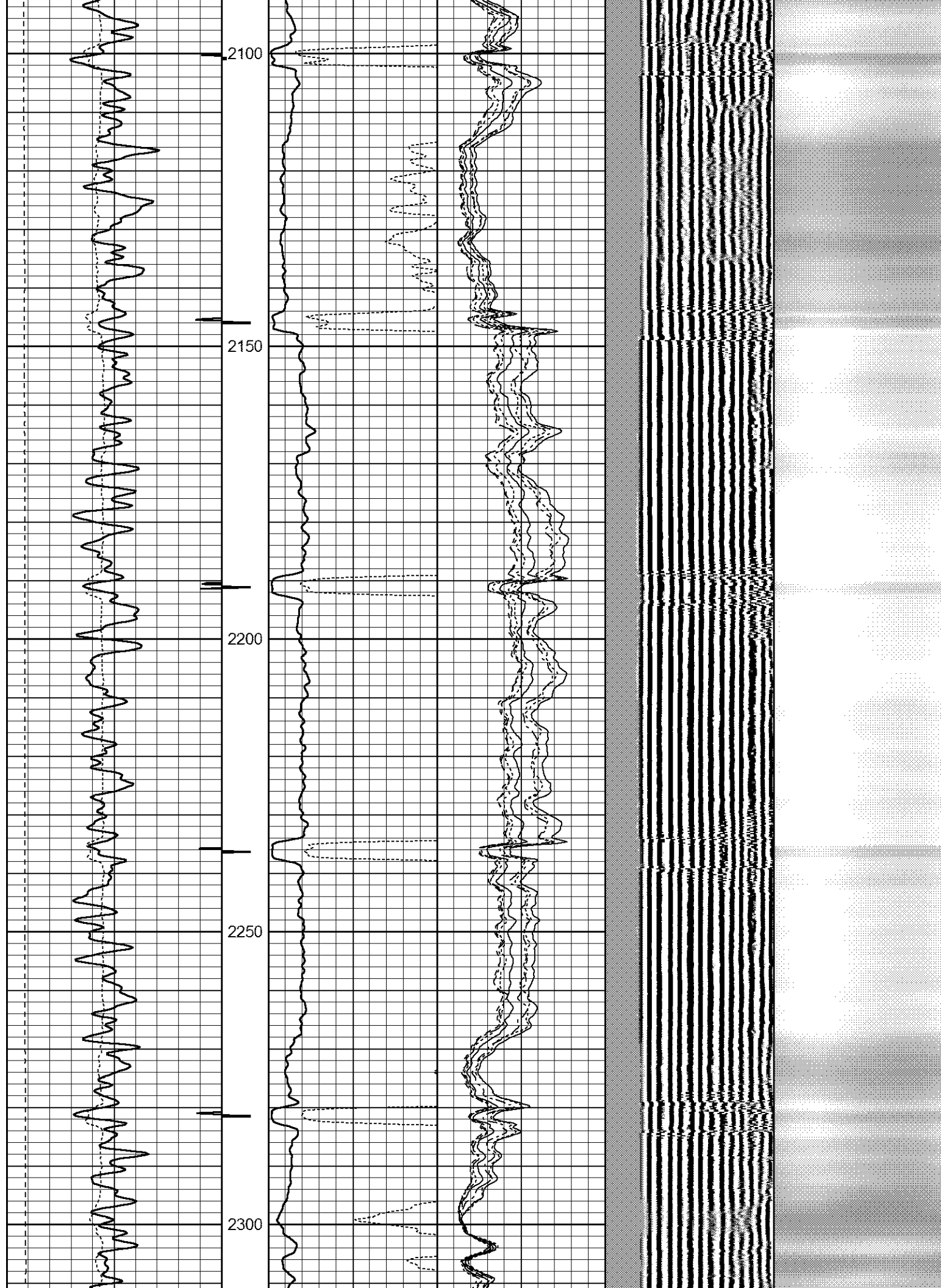


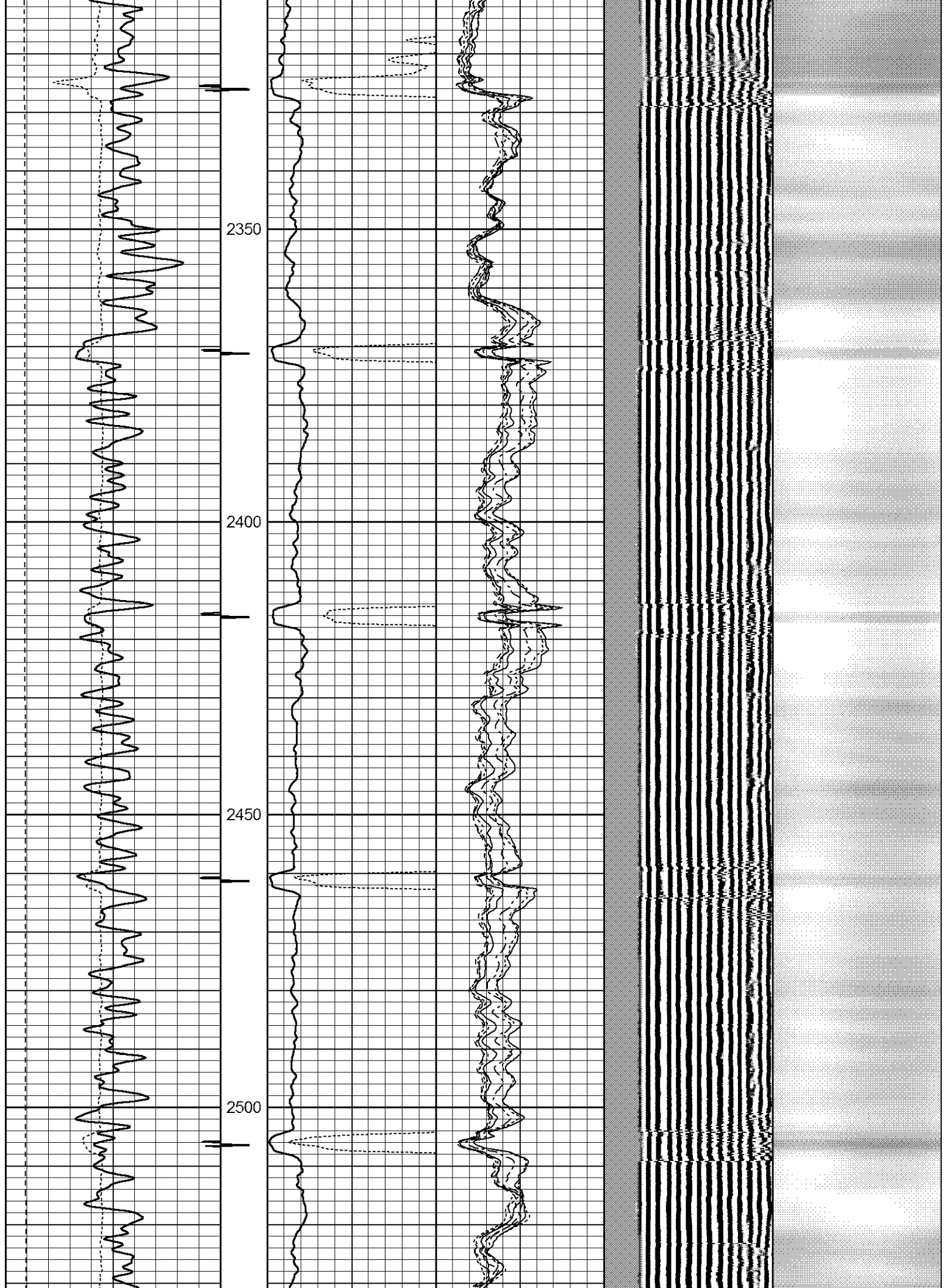


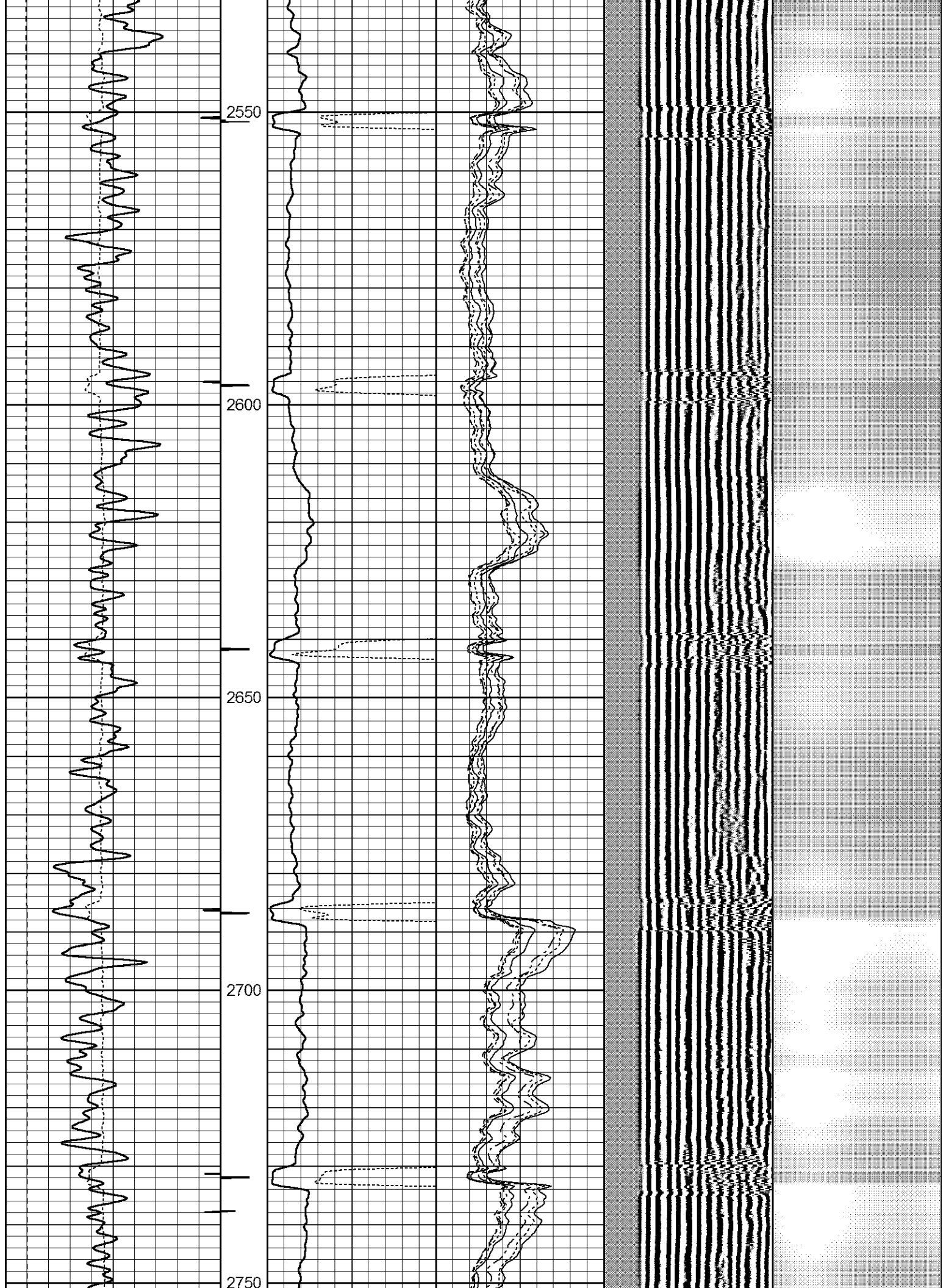


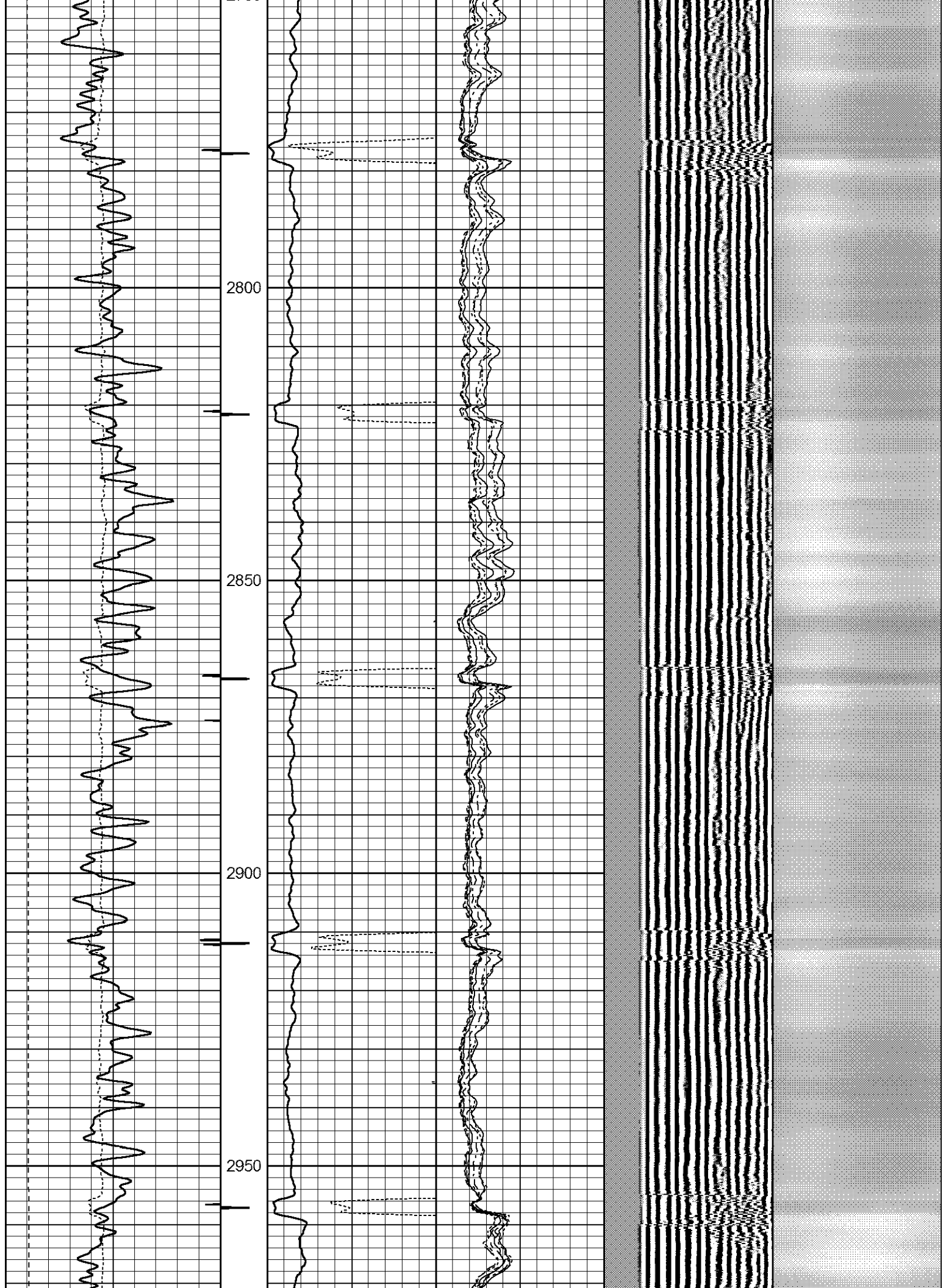


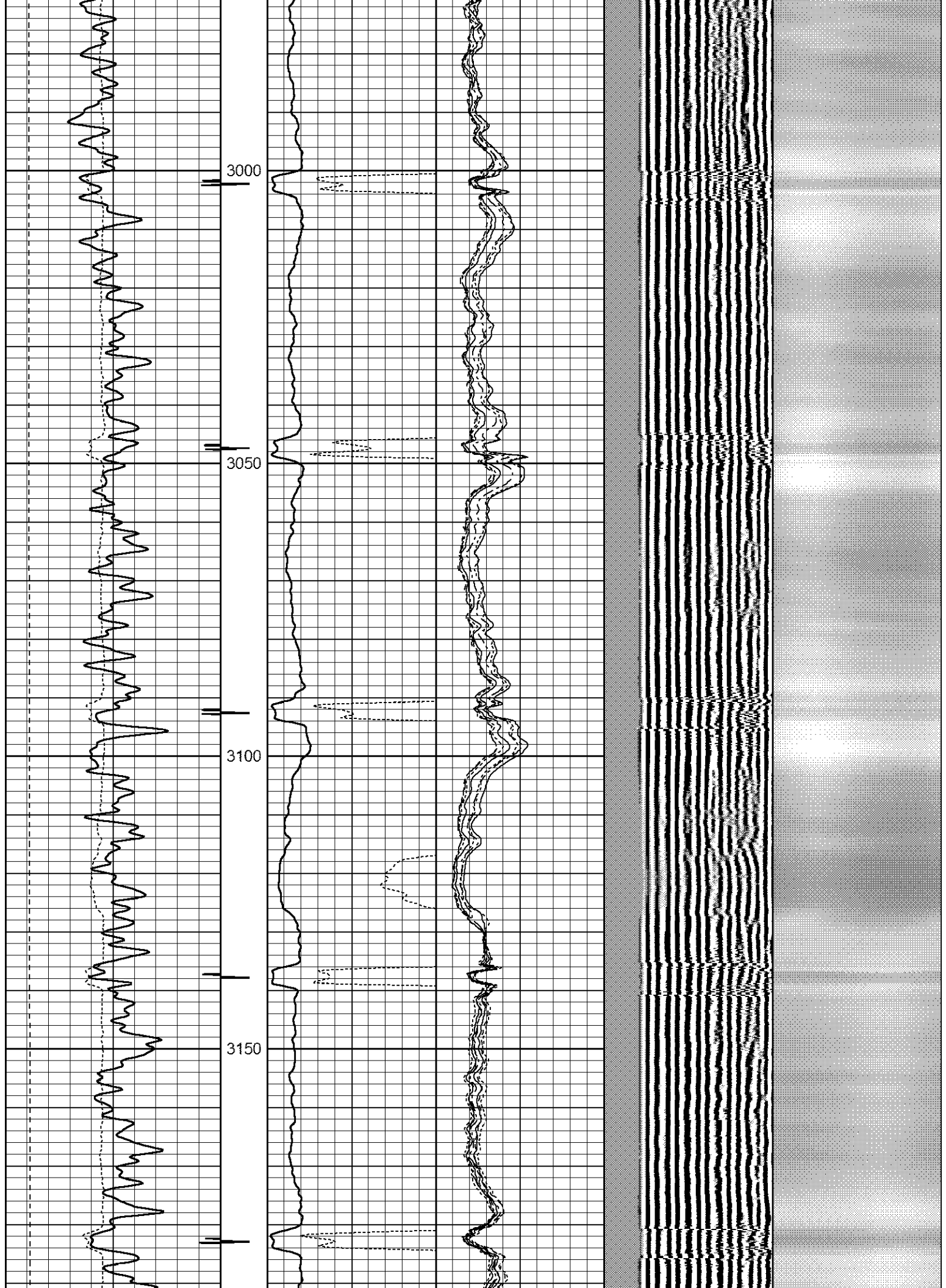


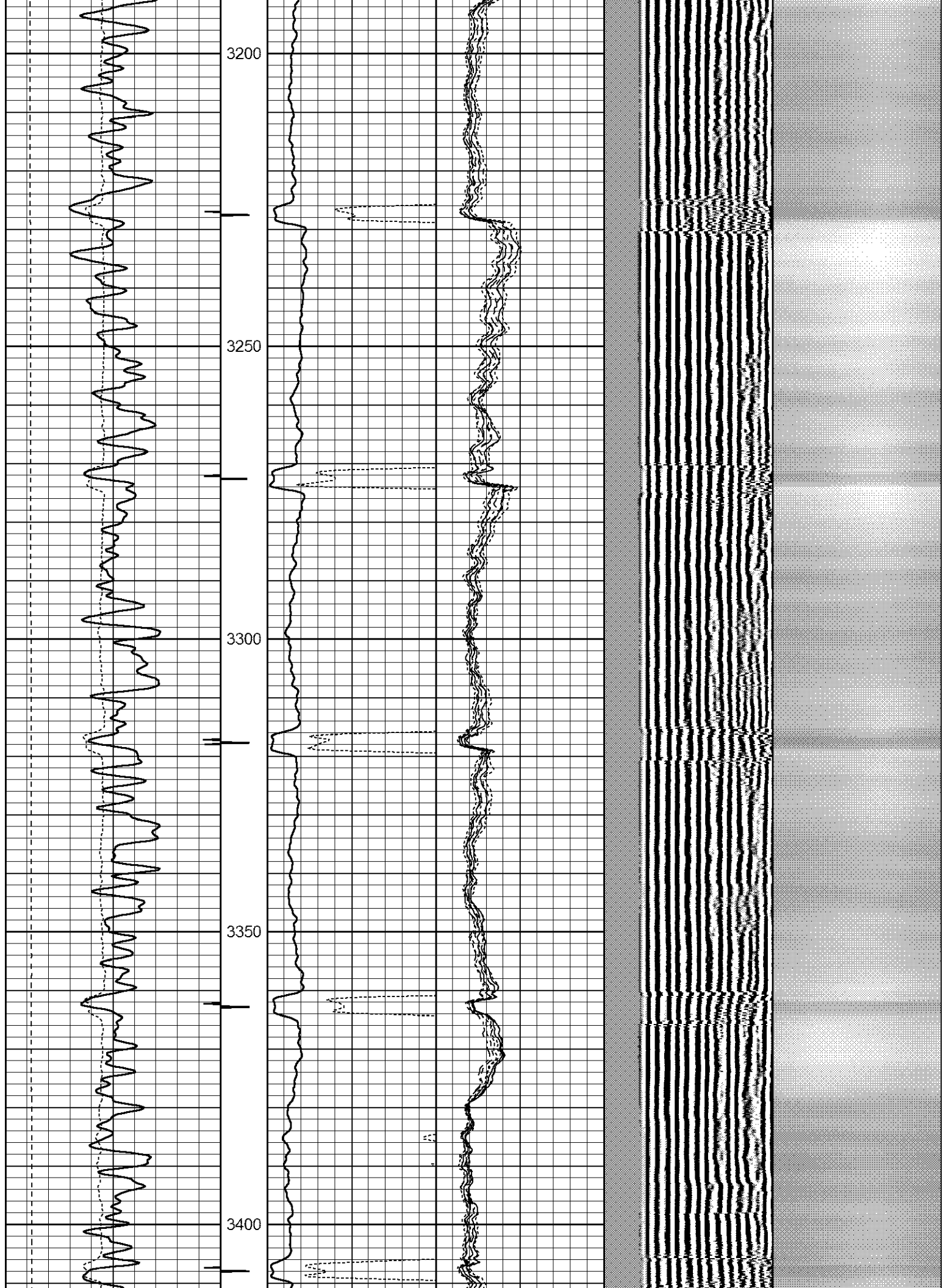


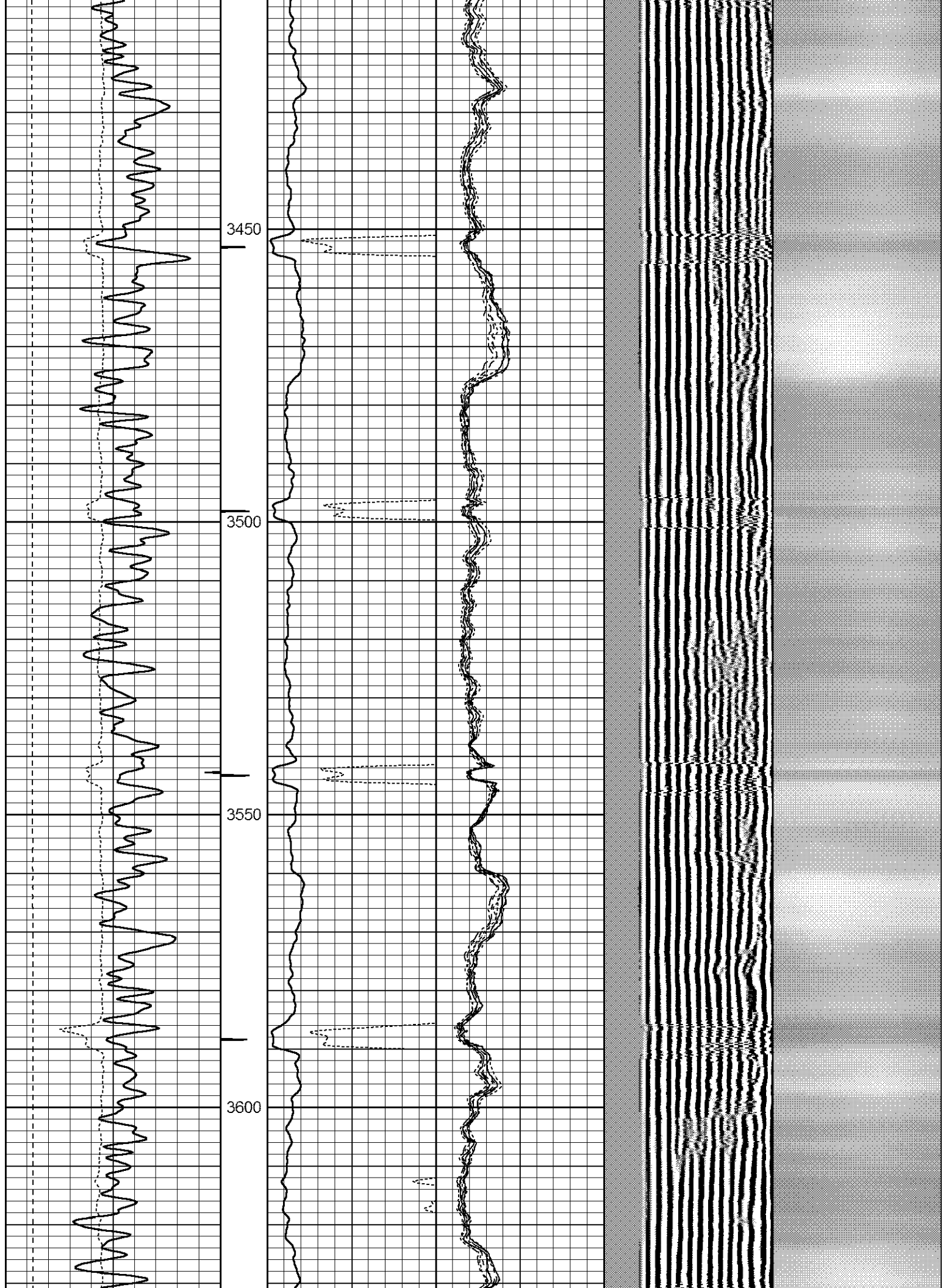


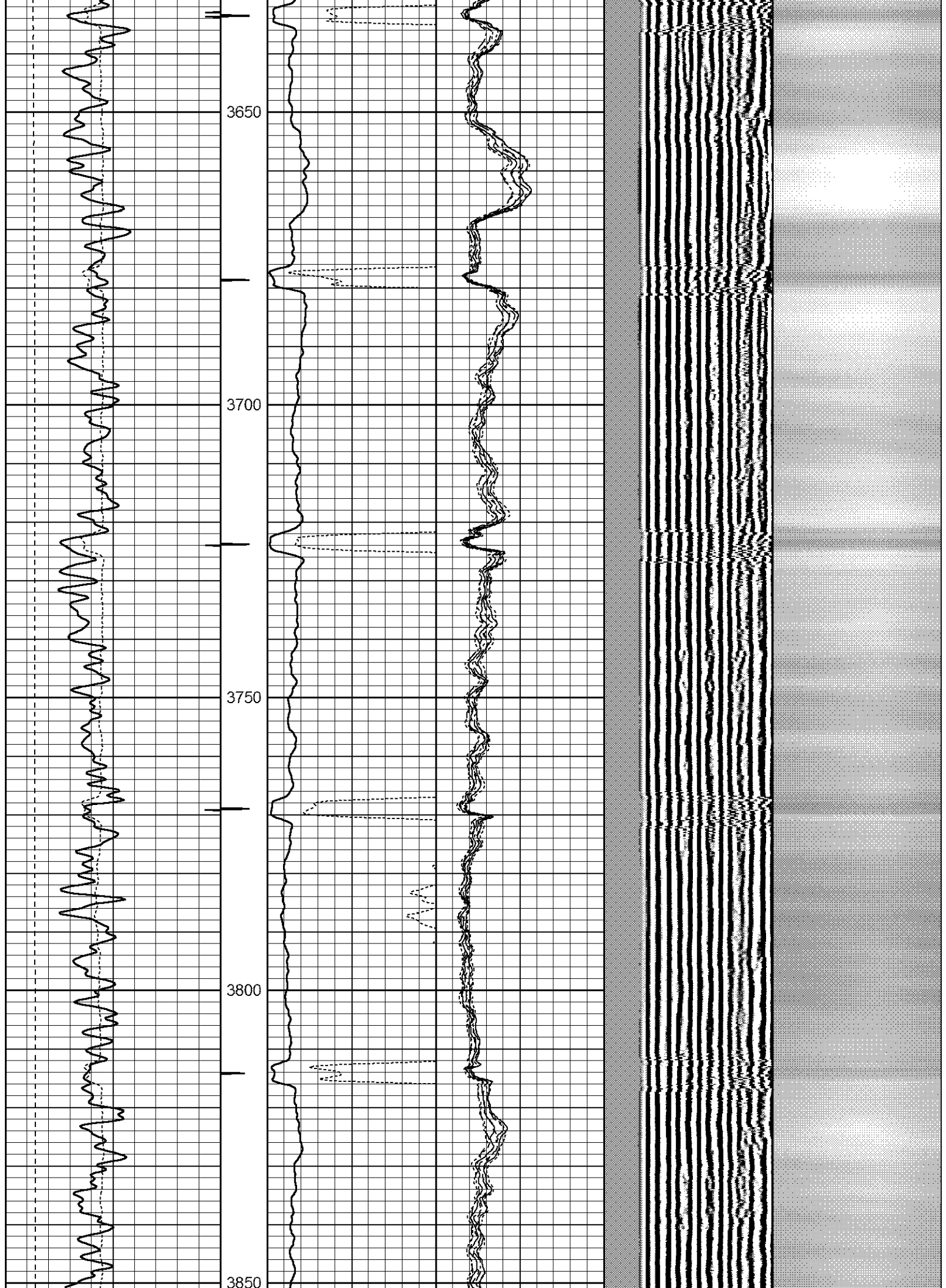


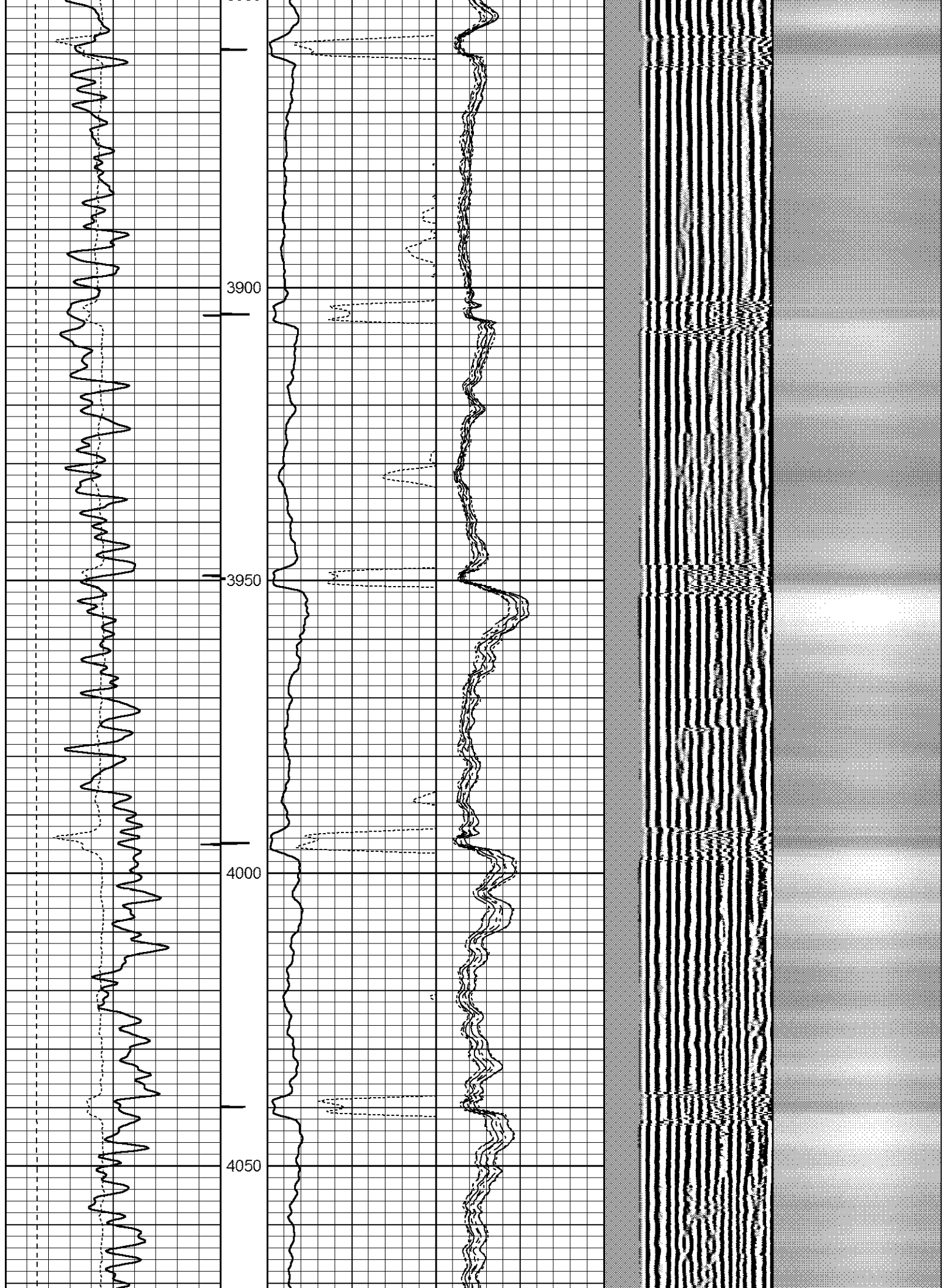


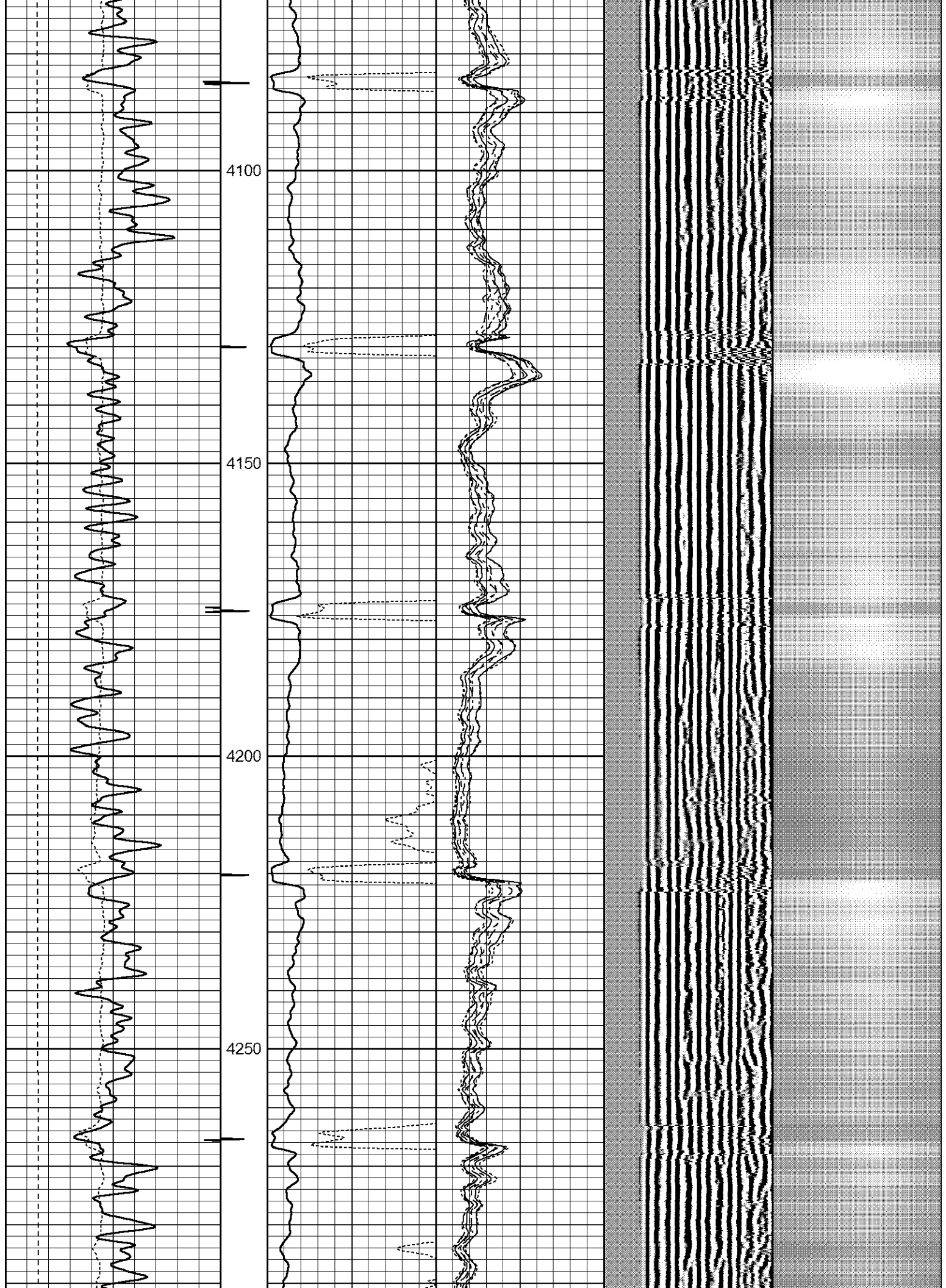


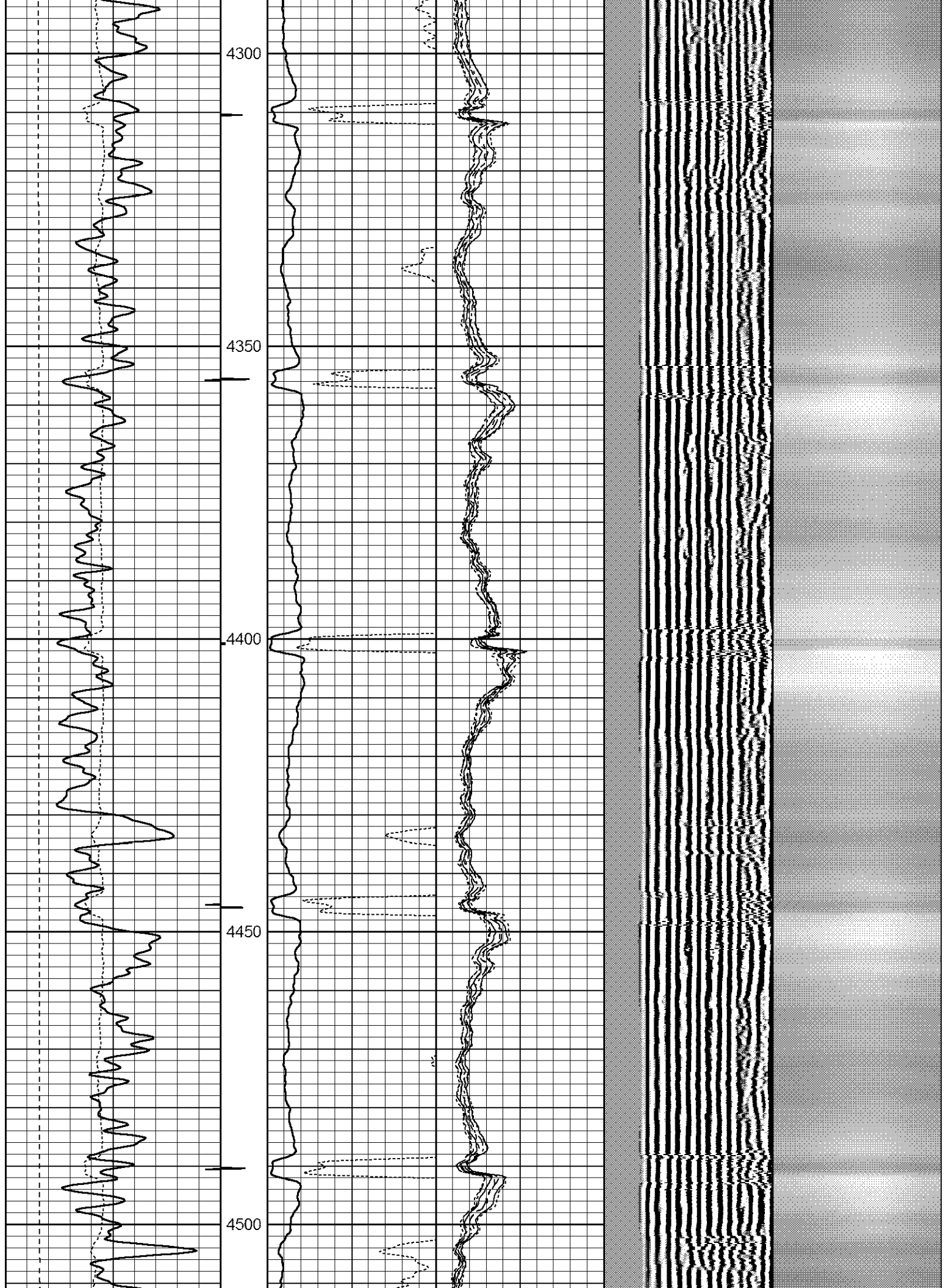


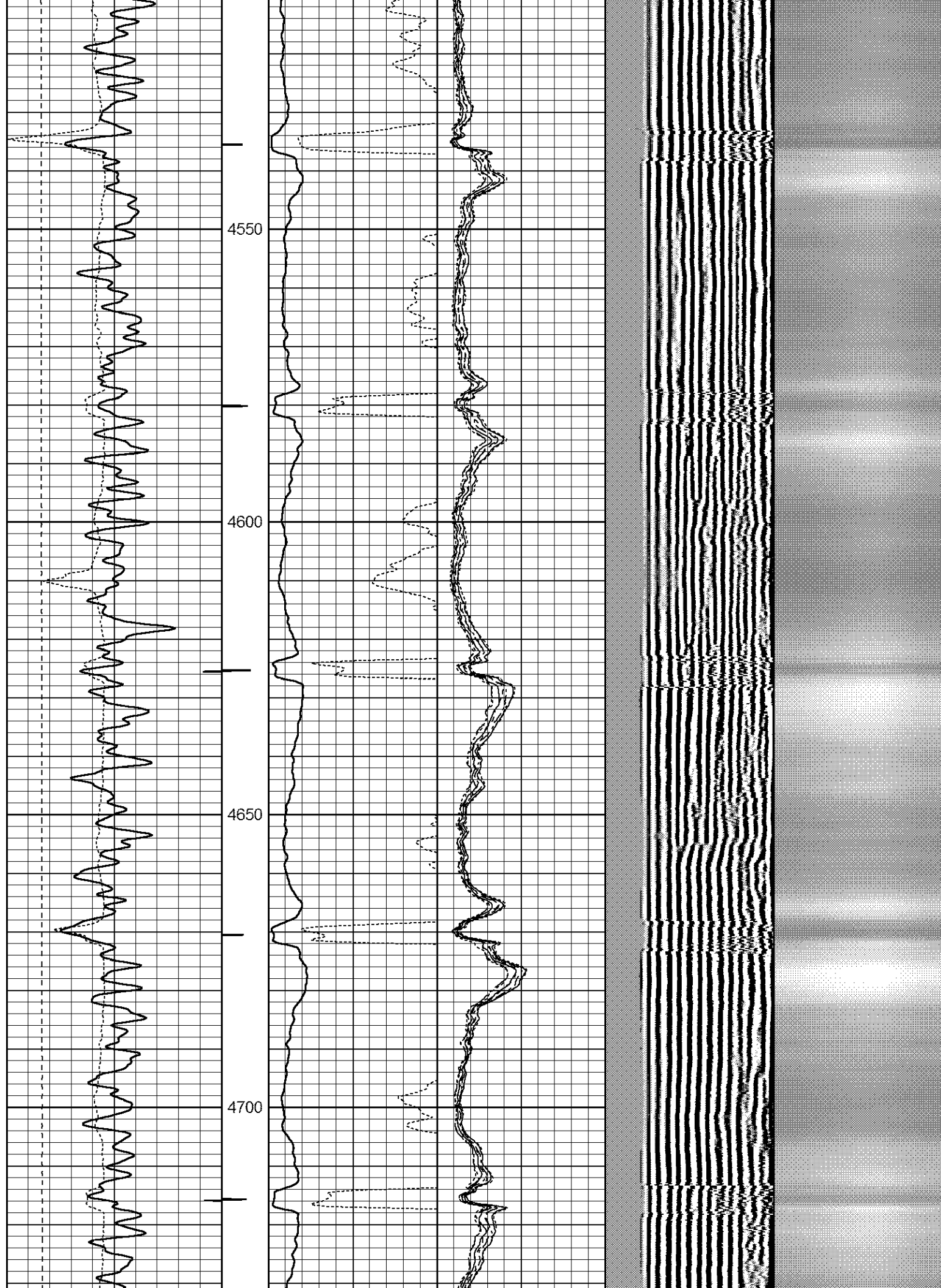


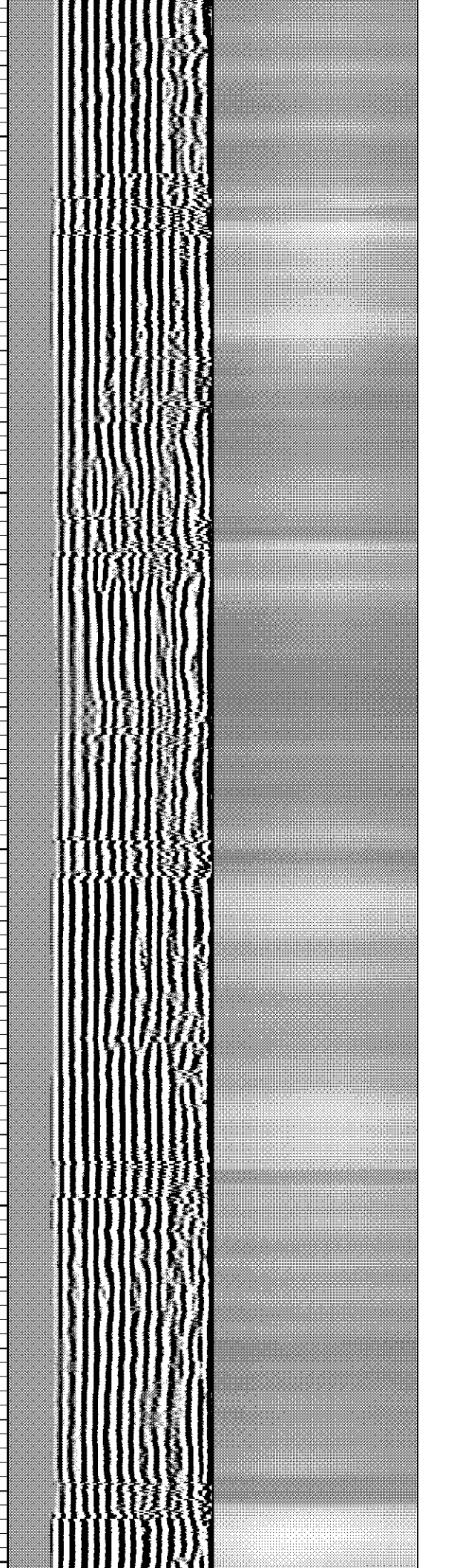
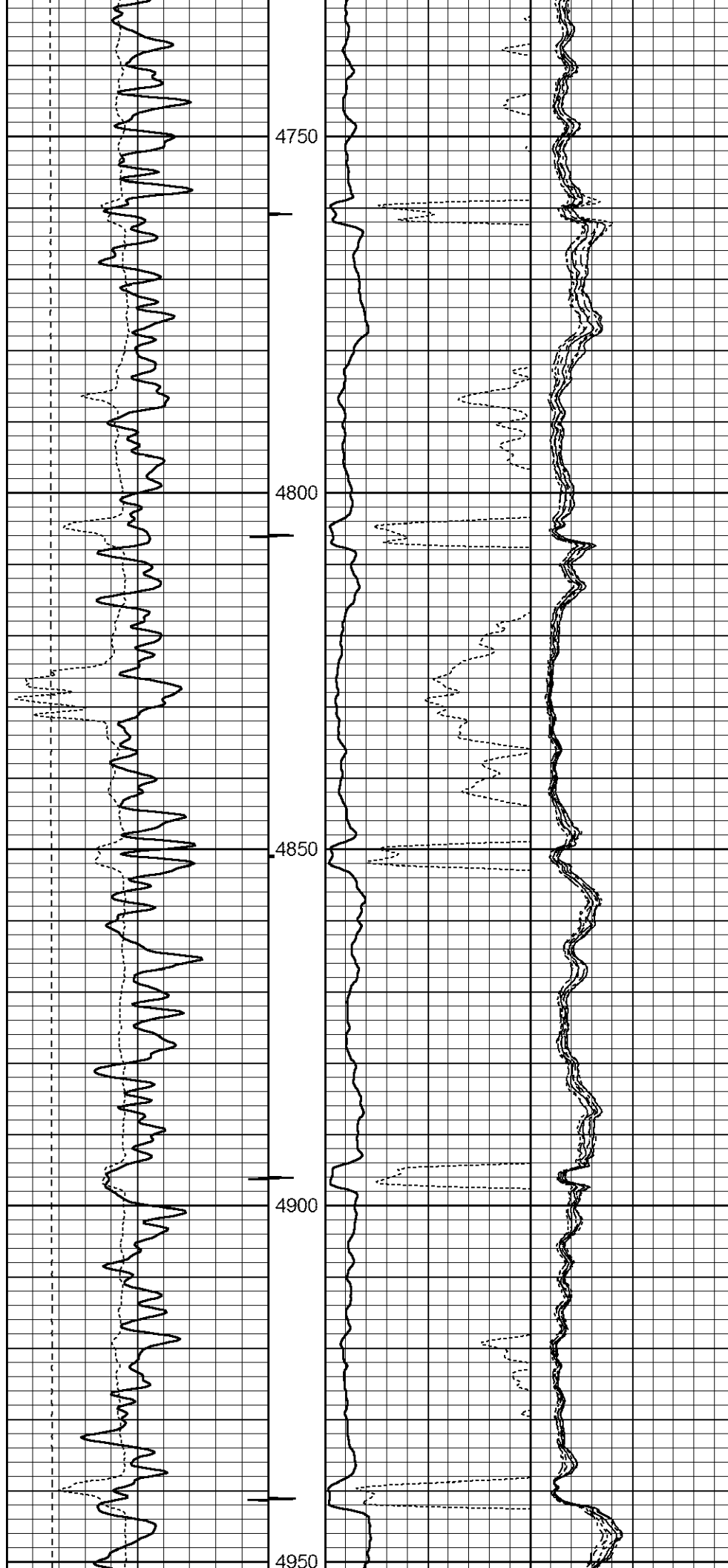


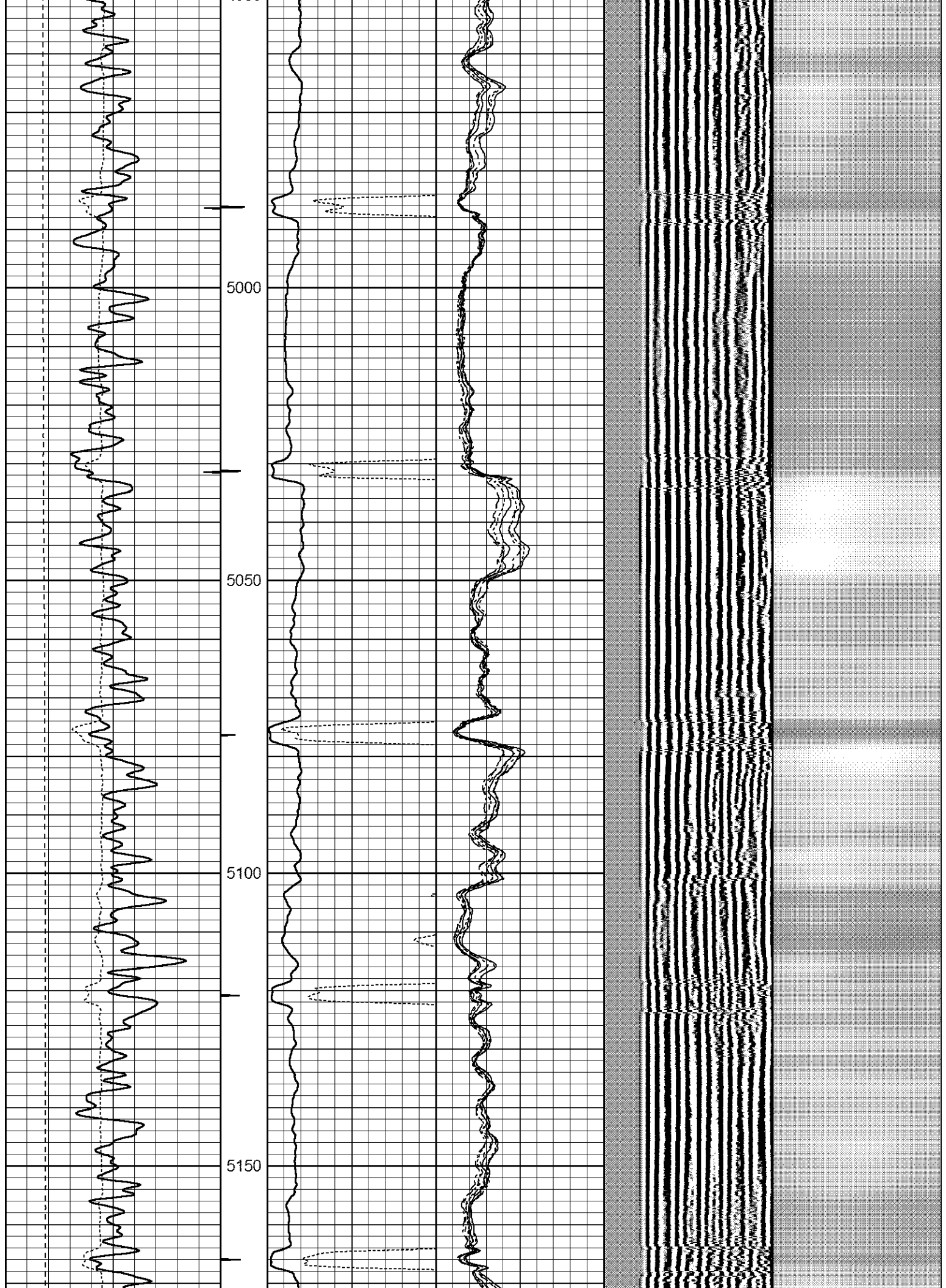


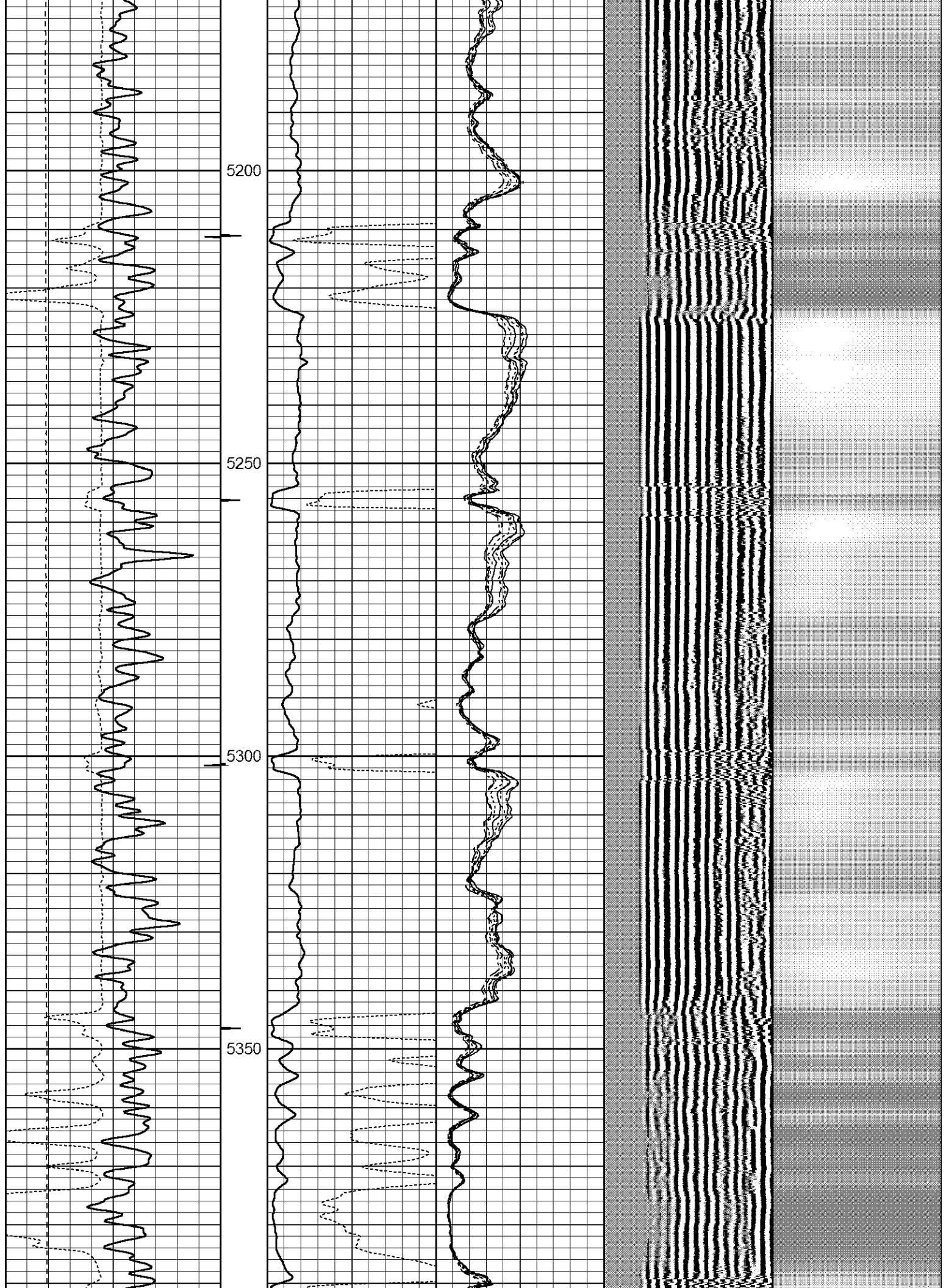


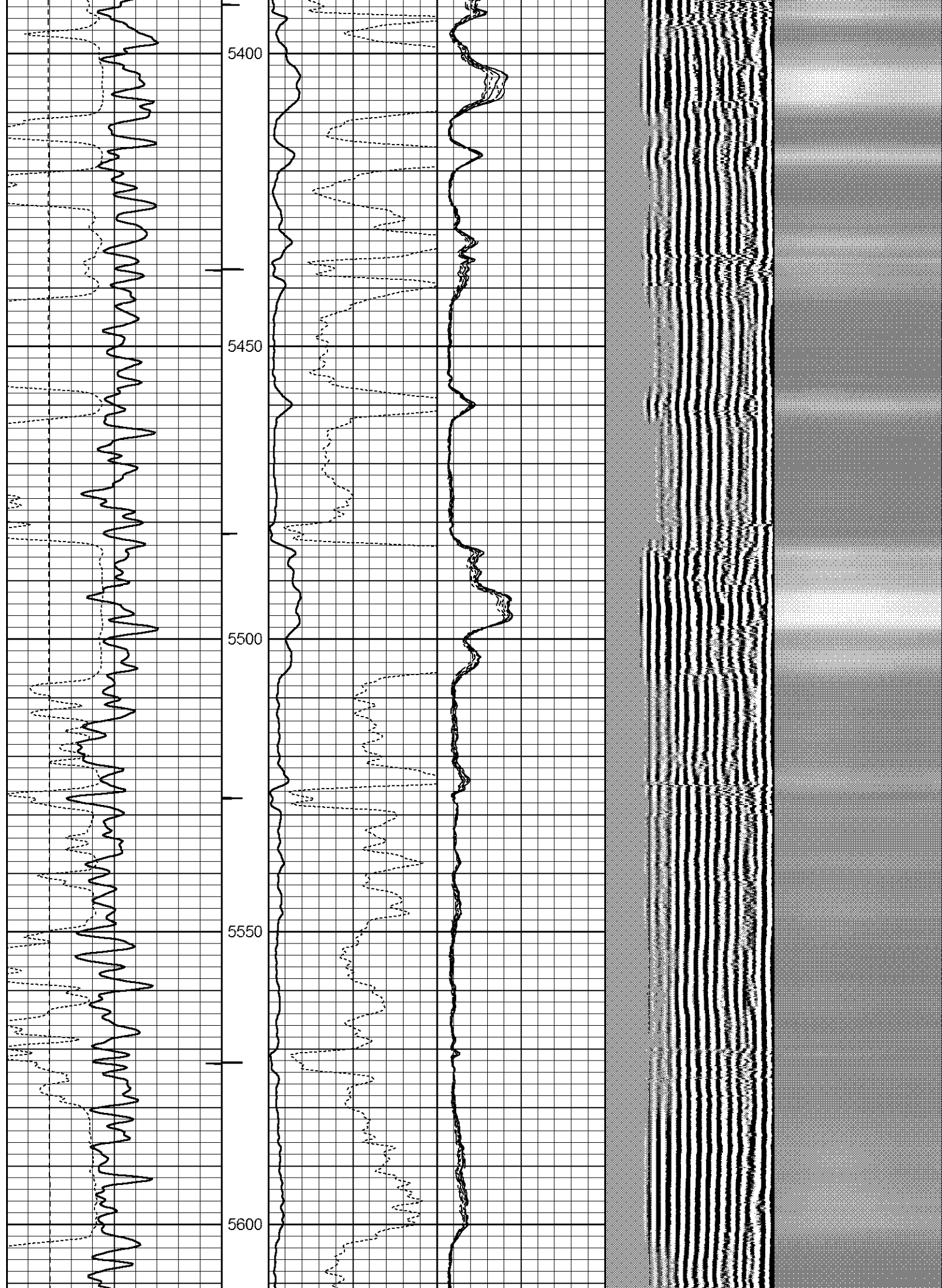


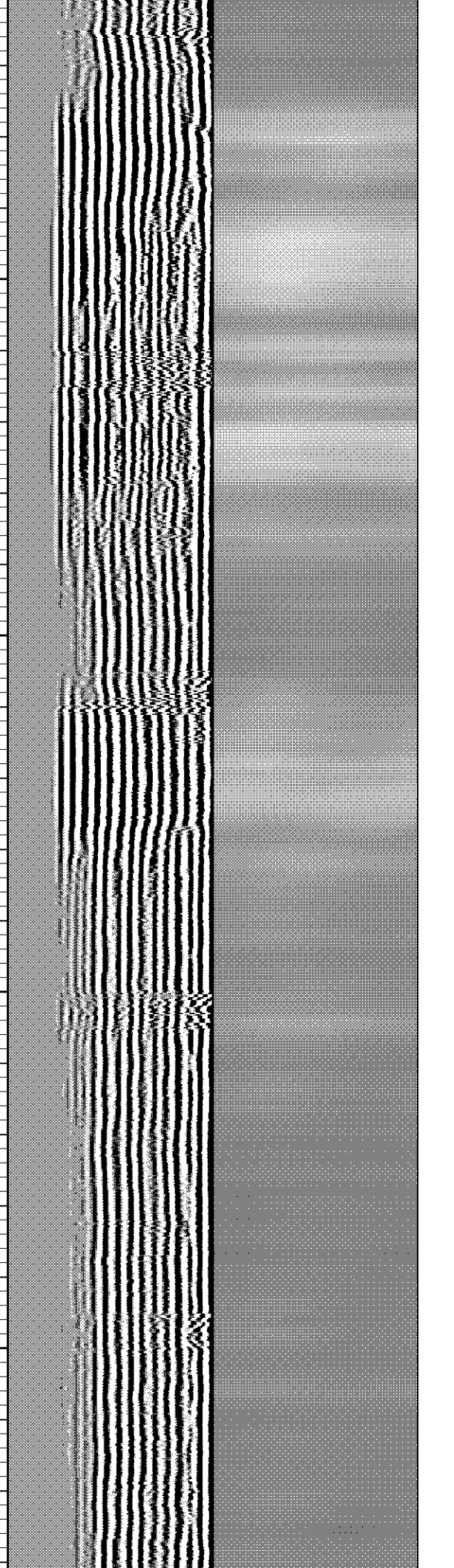
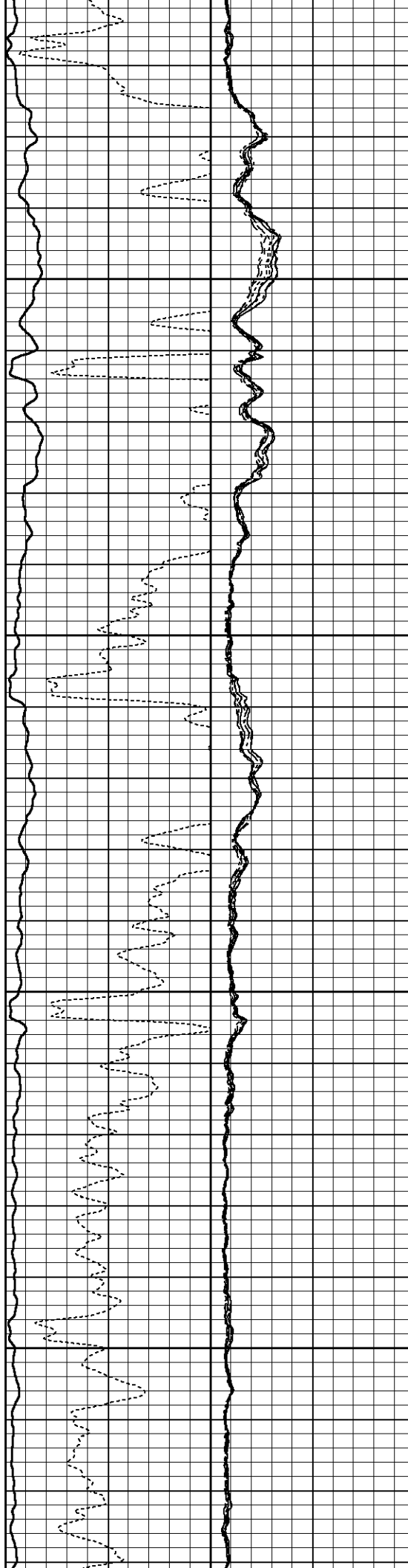
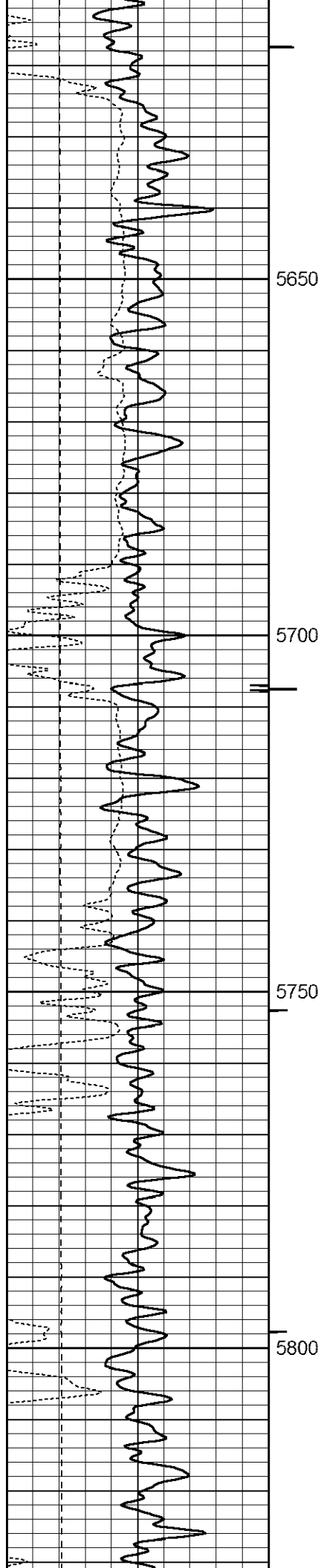


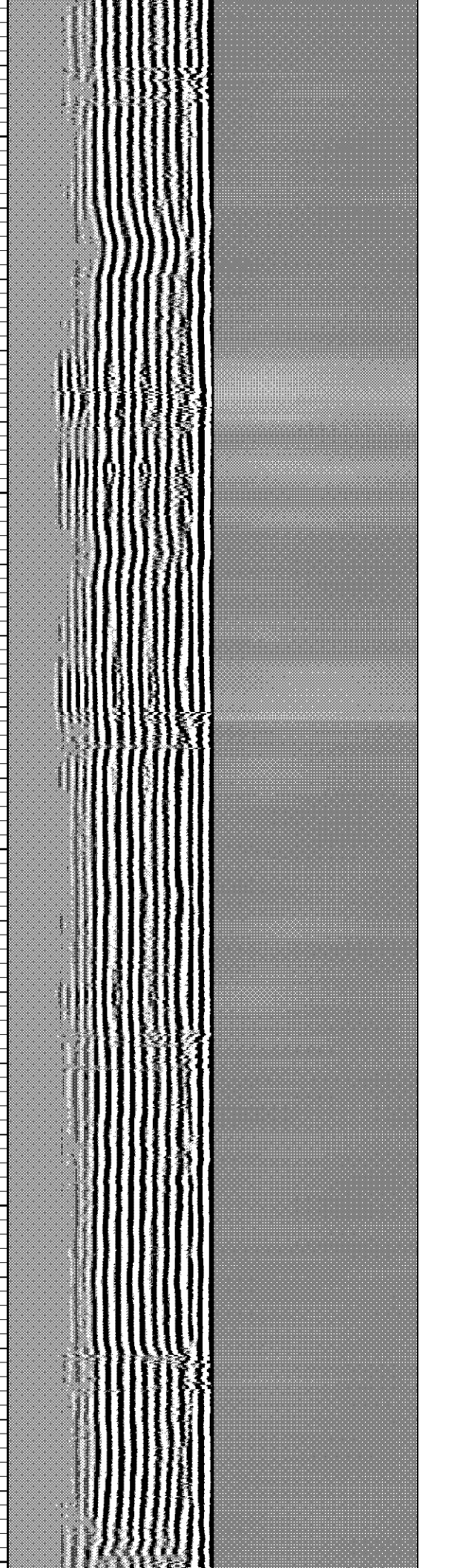
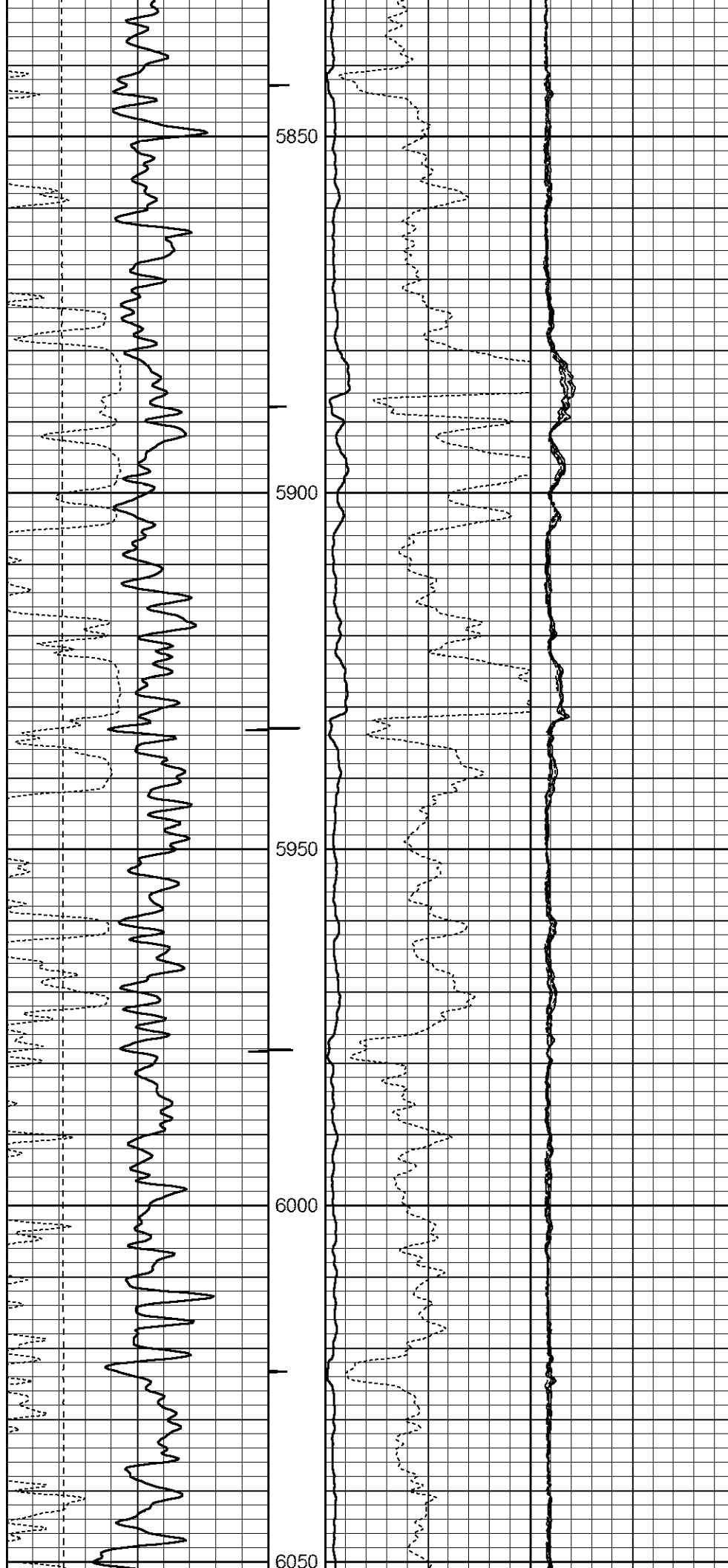


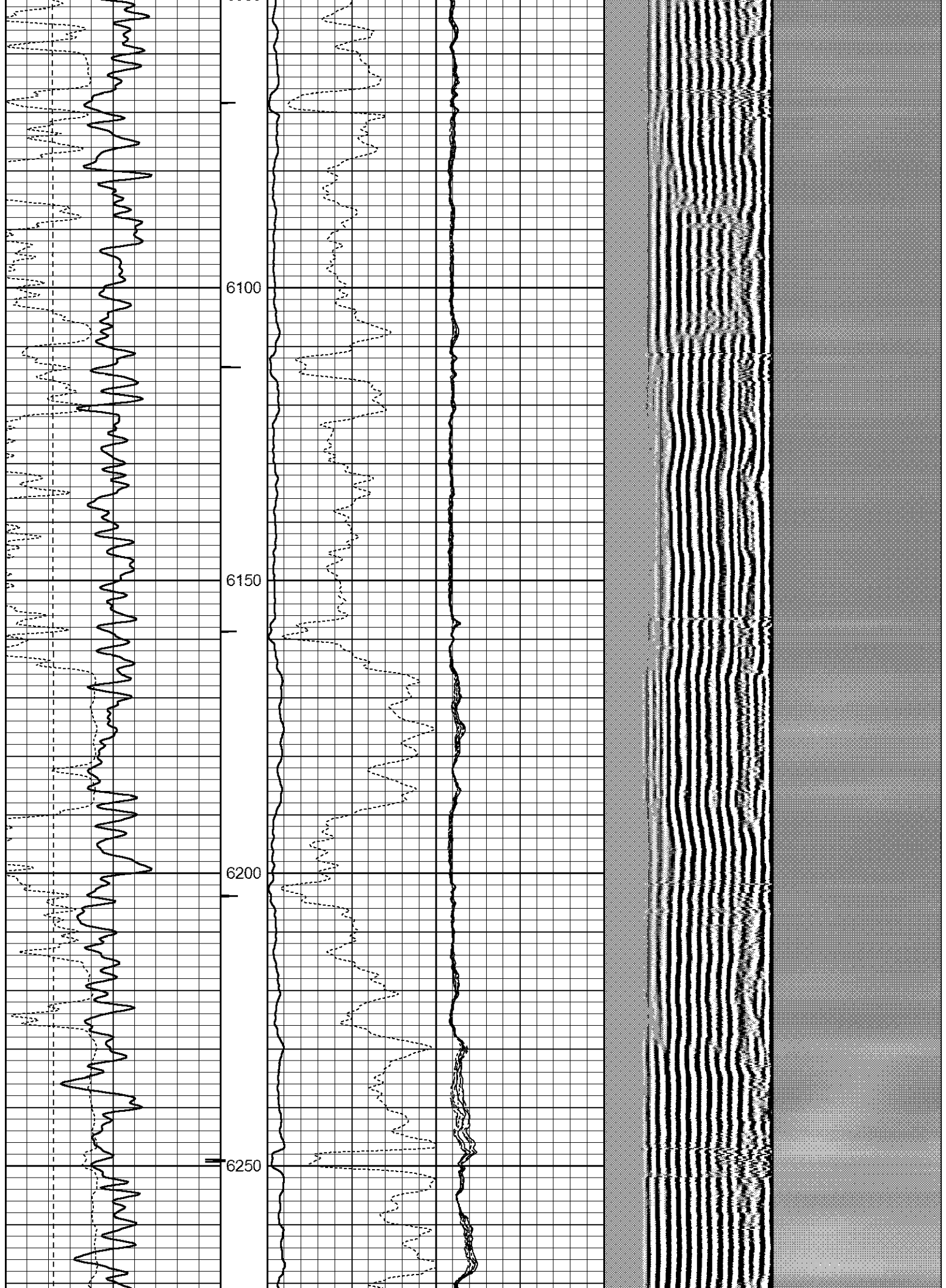


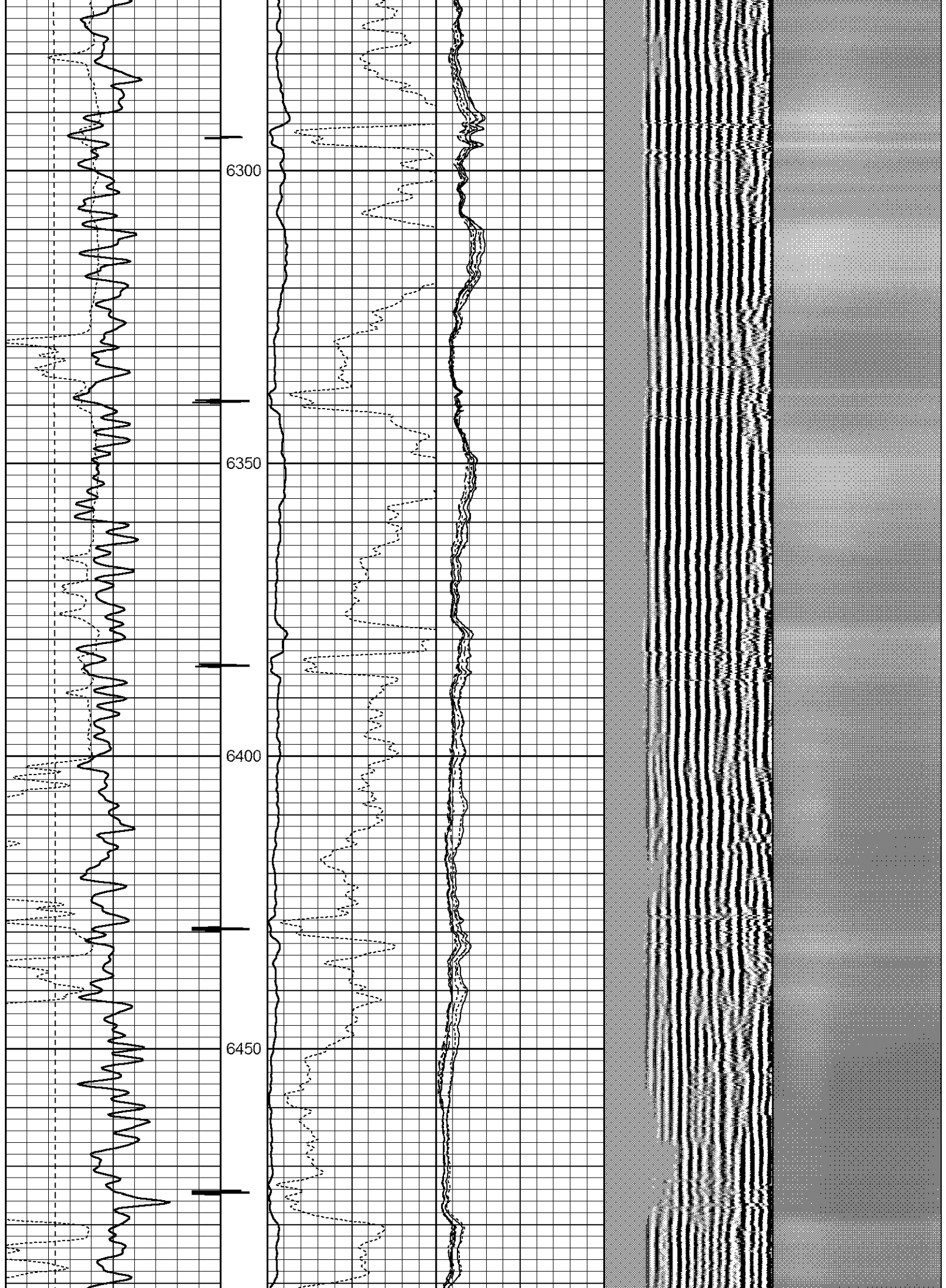


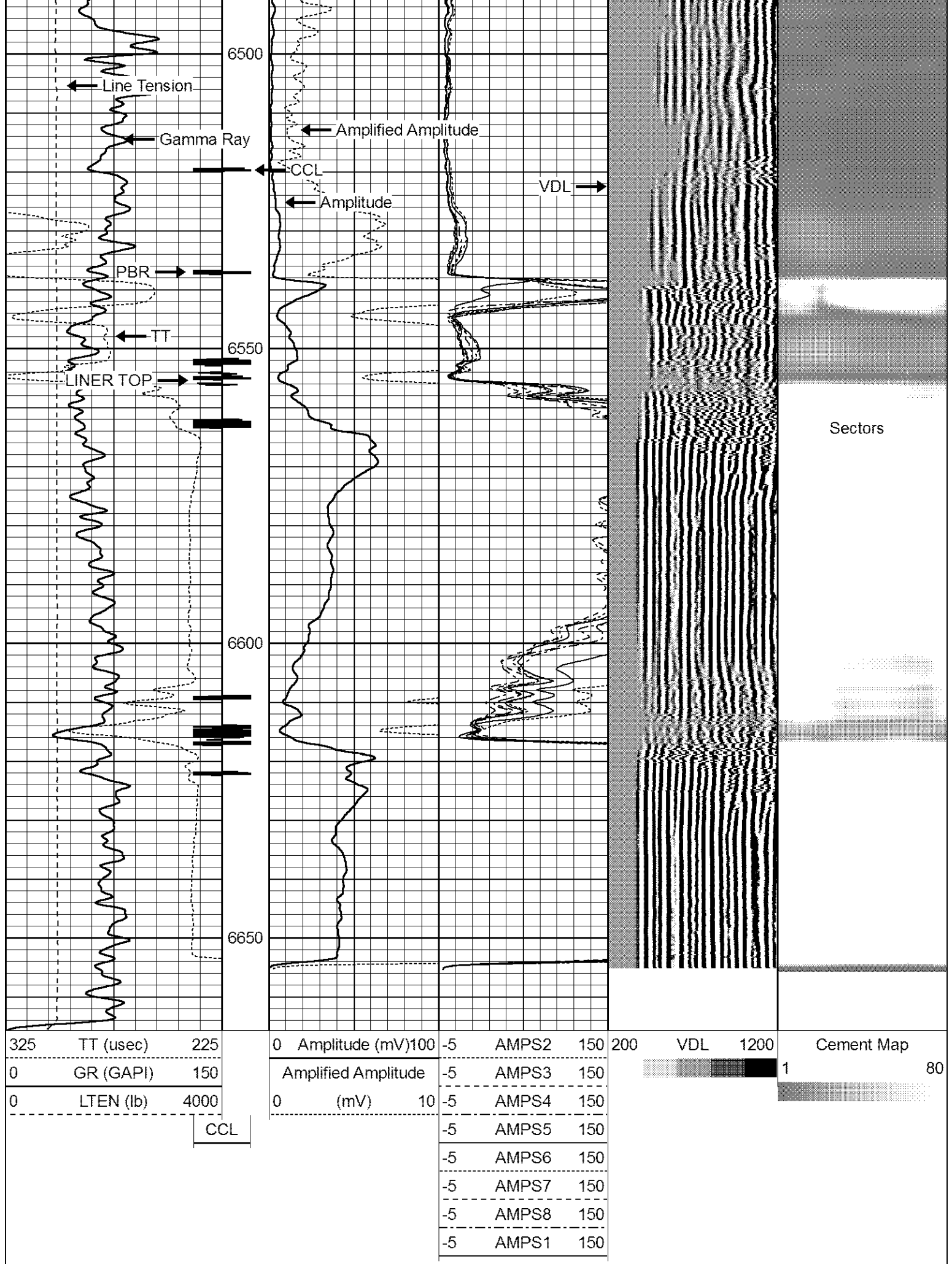












Database File: bayswater sherley e-4-9hn.db
Dataset Pathname: pass3
Presentation Format: anadarko
Dataset Creation: Thu Jul 23 13:57:56 2015 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

325 TT (usec) 225
0 GR (GAPI) 150
0 LTEN (lb) 4000

CCL

0 Amplitude (mV) 100
Amplified Amplitude
0 (mV) 10

-5 AMPS2 150
-5 AMPS3 150
-5 AMPS4 150
-5 AMPS5 150
-5 AMPS6 150
-5 AMPS7 150
-5 AMPS8 150
-5 AMPS1 150

200 VDL 1200

Cement Map

