



**GAMMA RAY CCL
CEMENT BOND
SECTOR VDL**

Company PDC ENERGY INC.

Well HENRY 5-1

Field WATTENBERG

County WELD State COLORADO

Location: API #: 05-123-13836

SE/NW

SEC 5 TWP 4N RGE 65W

Permanent Datum GL Elevation 4677

Log Measured From KB KB

Drilling Measured From KB KB

Other Services
Elevation
K.B. 4687
D.F.
G.L. 4677

MARCH 25, 2020

Date

Run Number

Depth Driller

Depth Logger

Bottom Logged Interval

Top Log Interval

Open Hole Size

Type Fluid

Density / Viscosity

Max. Recorded Temp.

Estimated Cement Top

Time Well Ready

Time Logger on Bottom

Equipment Number

Location

Recorded By

Witnessed By

GREG NOLAN
MATT MCGRAW

Run Number

Borehole Record
Bit From

To

Size

Tubing Record
Weight From

To

Casing Record

Size

Wgt/ft

Top

Bottom

Surface String

Prot. String

Production String

Liner

4-1/2

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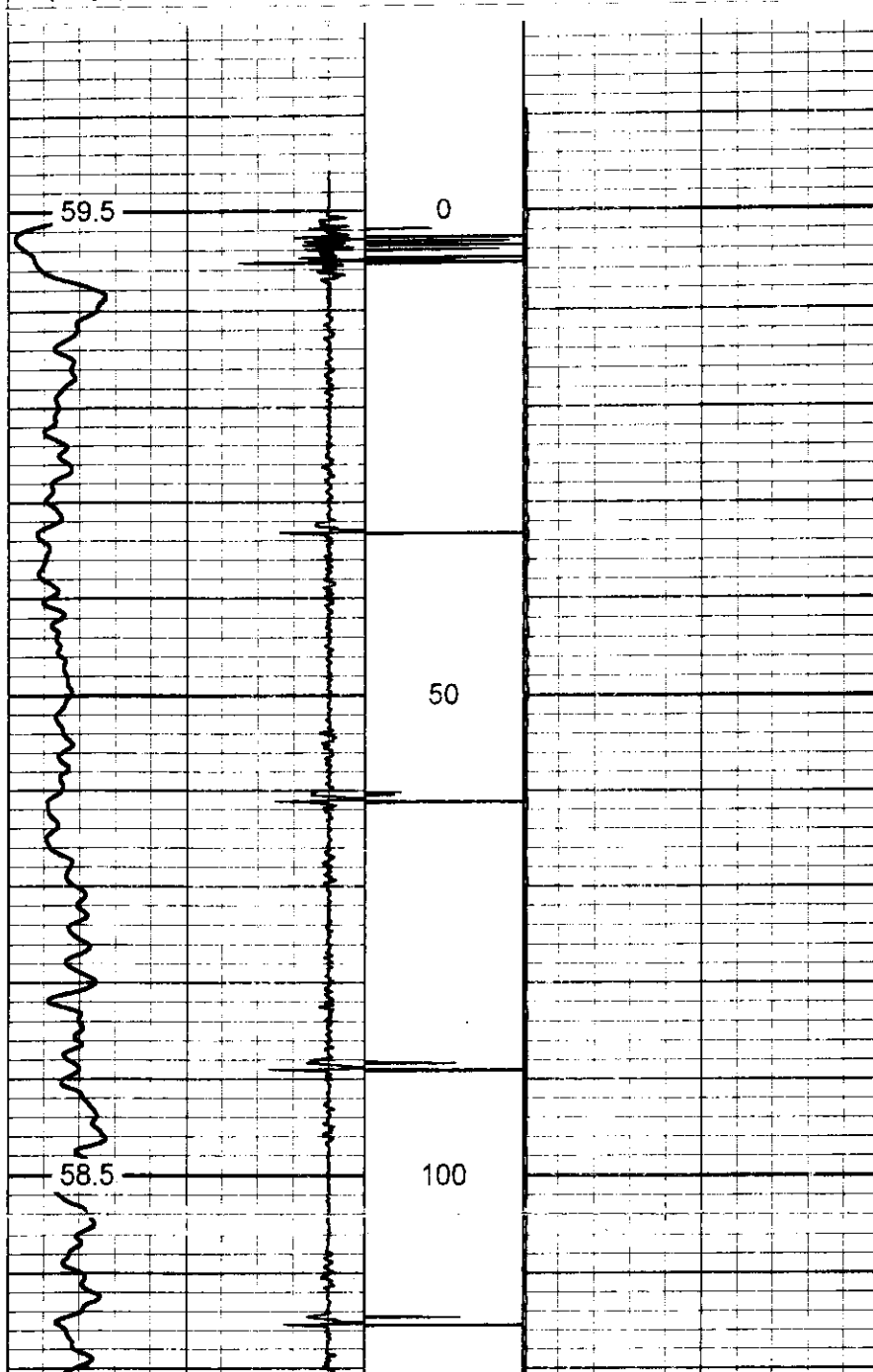
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

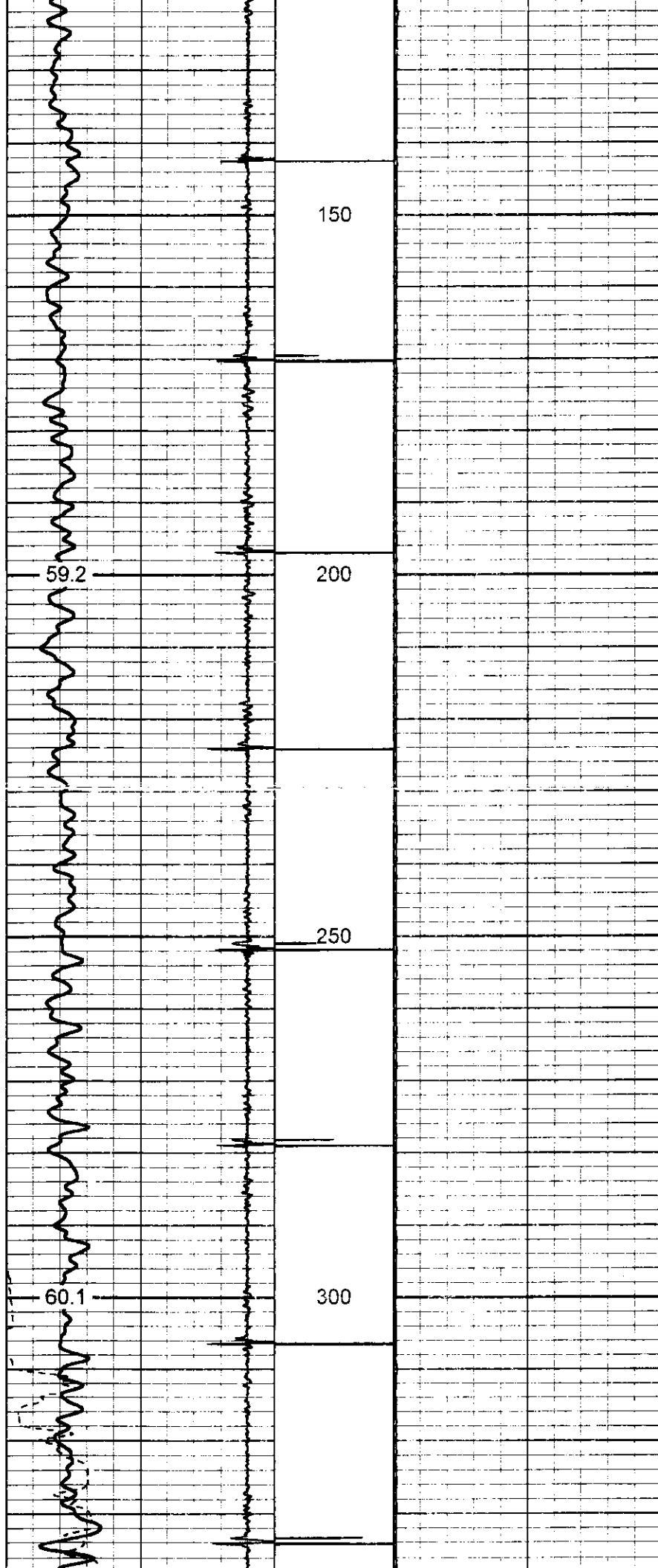
Comments

THANK YOU FOR CHOOSING SUREFIRE WIRELINE WEST!!!!
LOG NOT CORRELATED

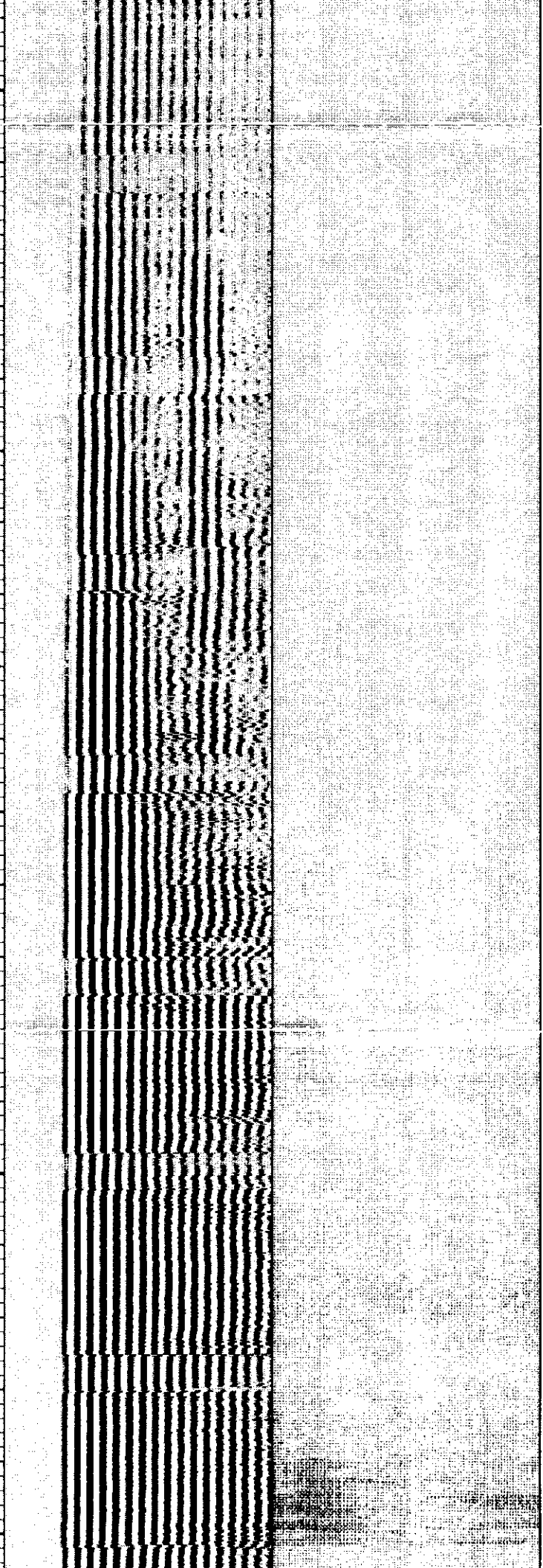
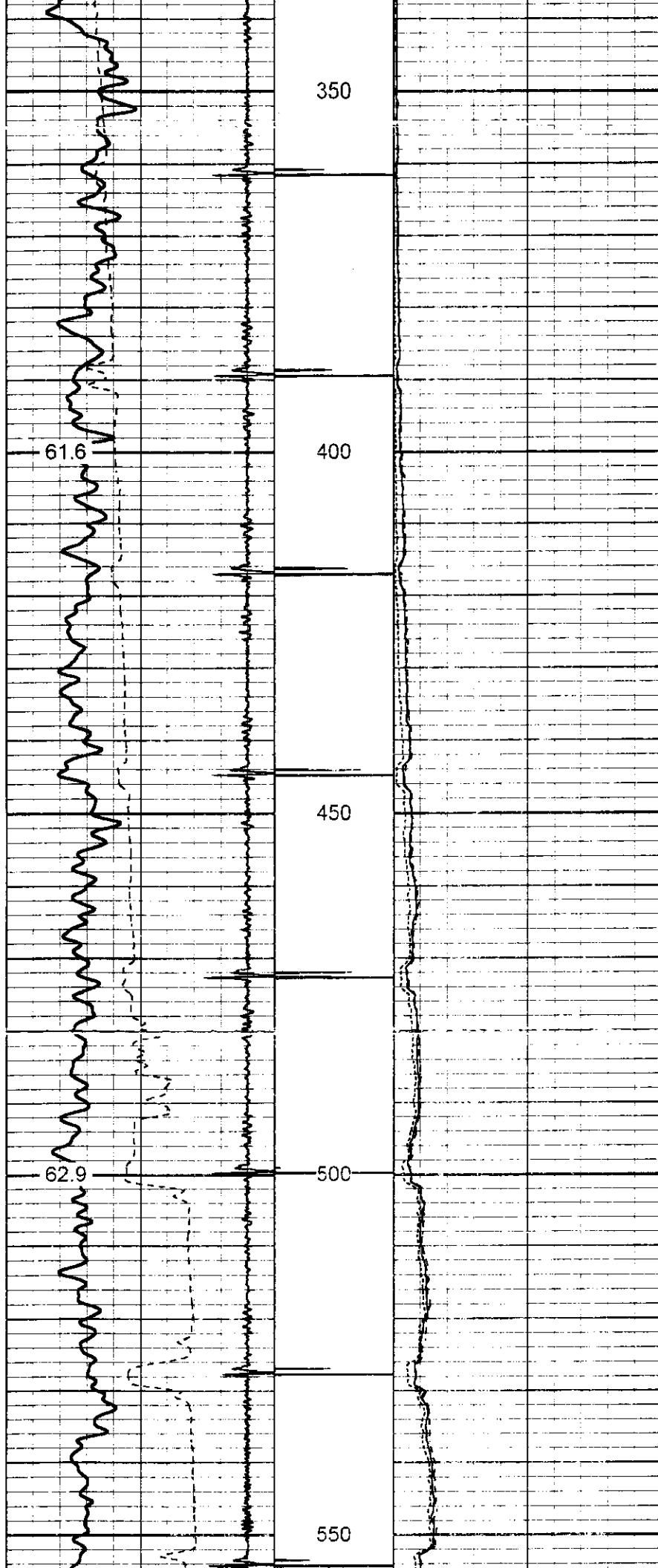
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 Dataset Pathname pass6
 Presentation Format pdc
 Dataset Creation Wed Mar 25 15:22:51 2020
 Charted by Depth in Feet scaled 1:240

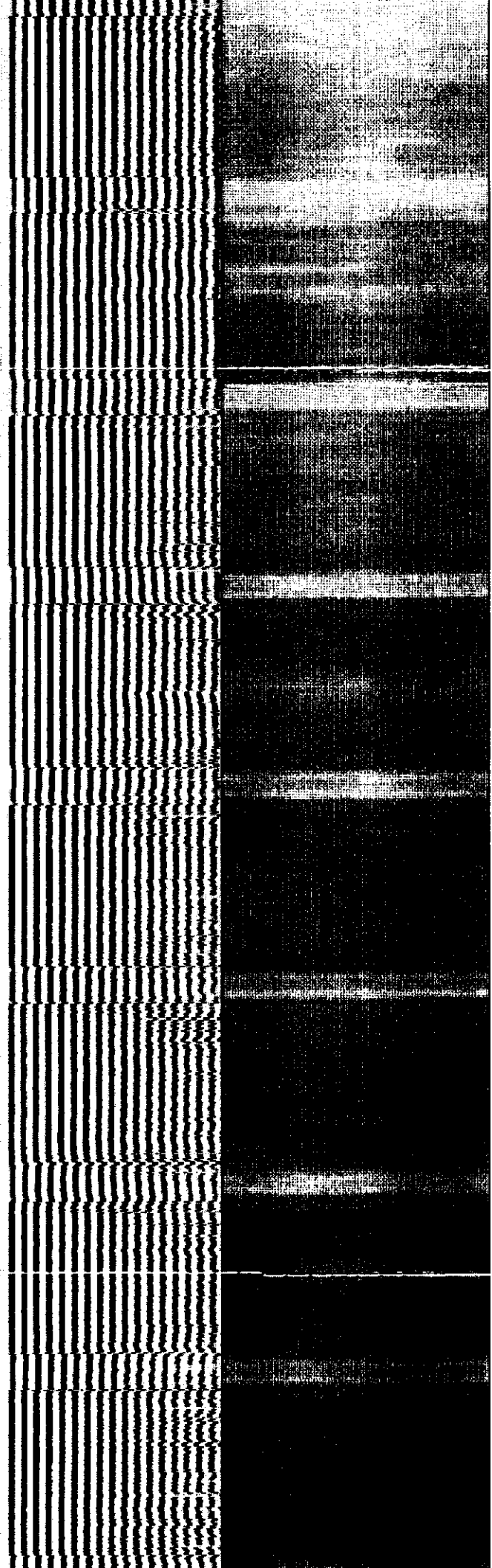
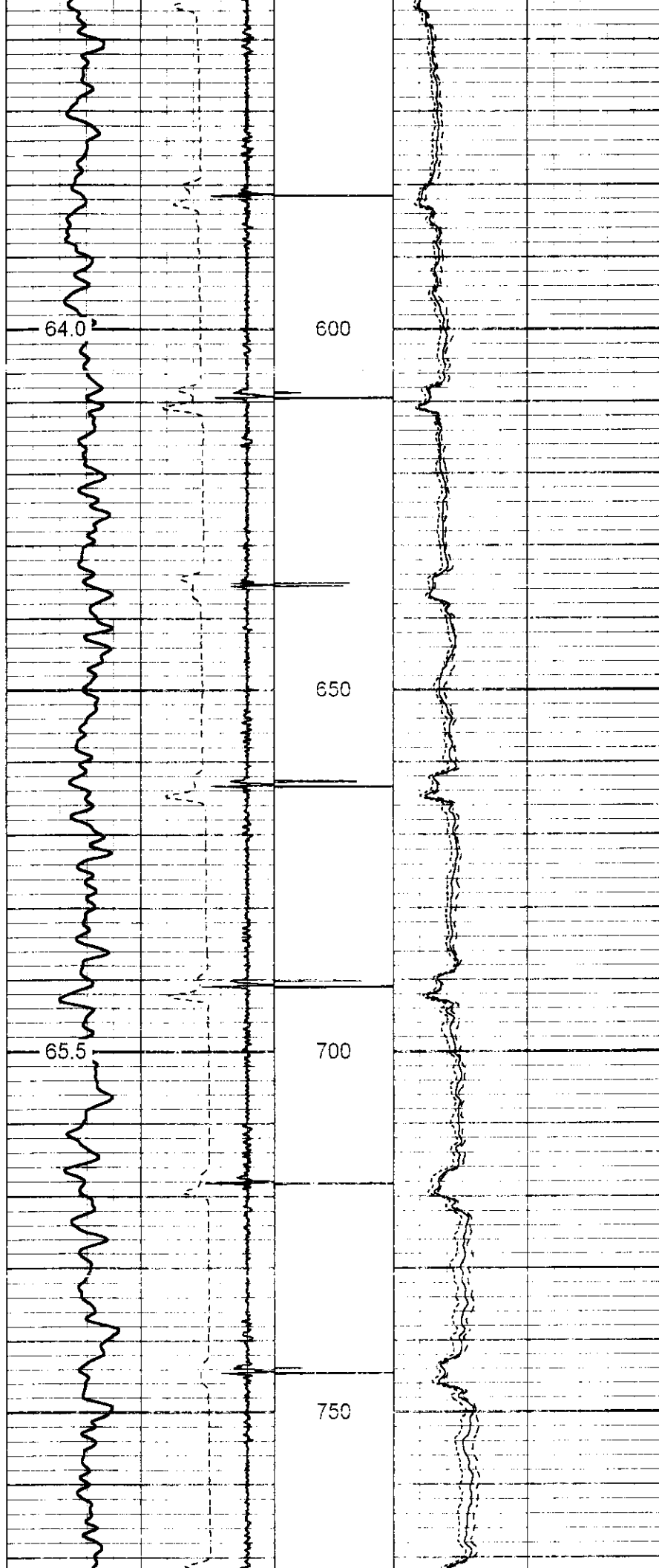
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10	CCL\$1	-1.1	0.5	0.8	0	AMPMAX	100					
400	TT3FT (usec)	200			0	AMP3FT (mV)	100					
GCT_Temp												
(degF)												

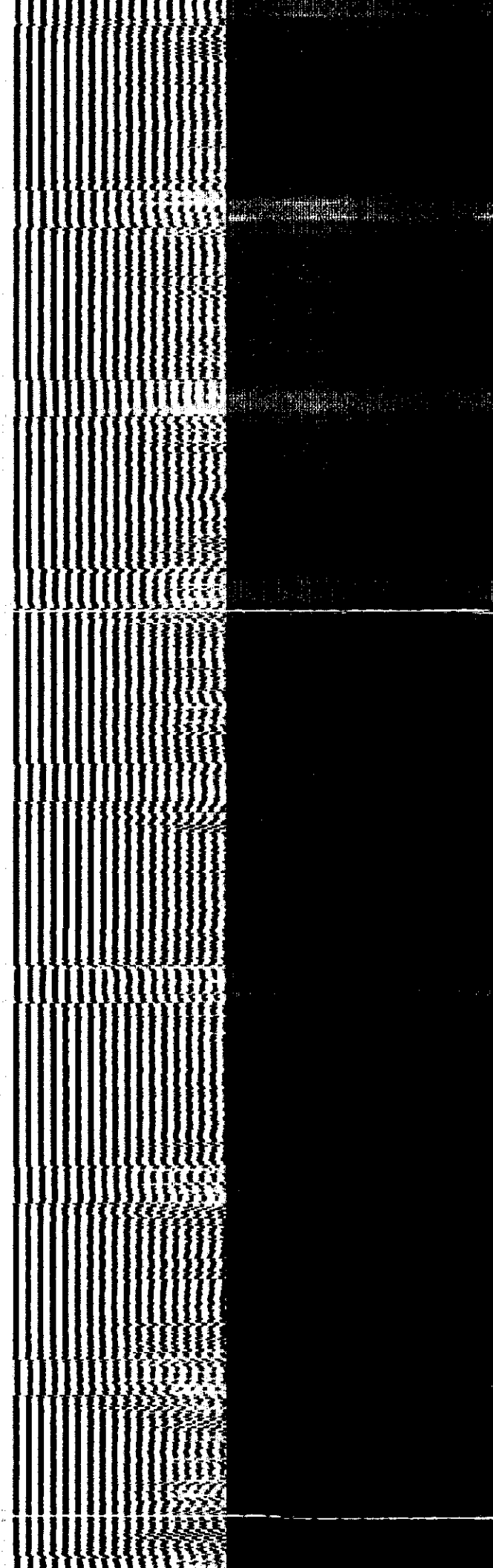
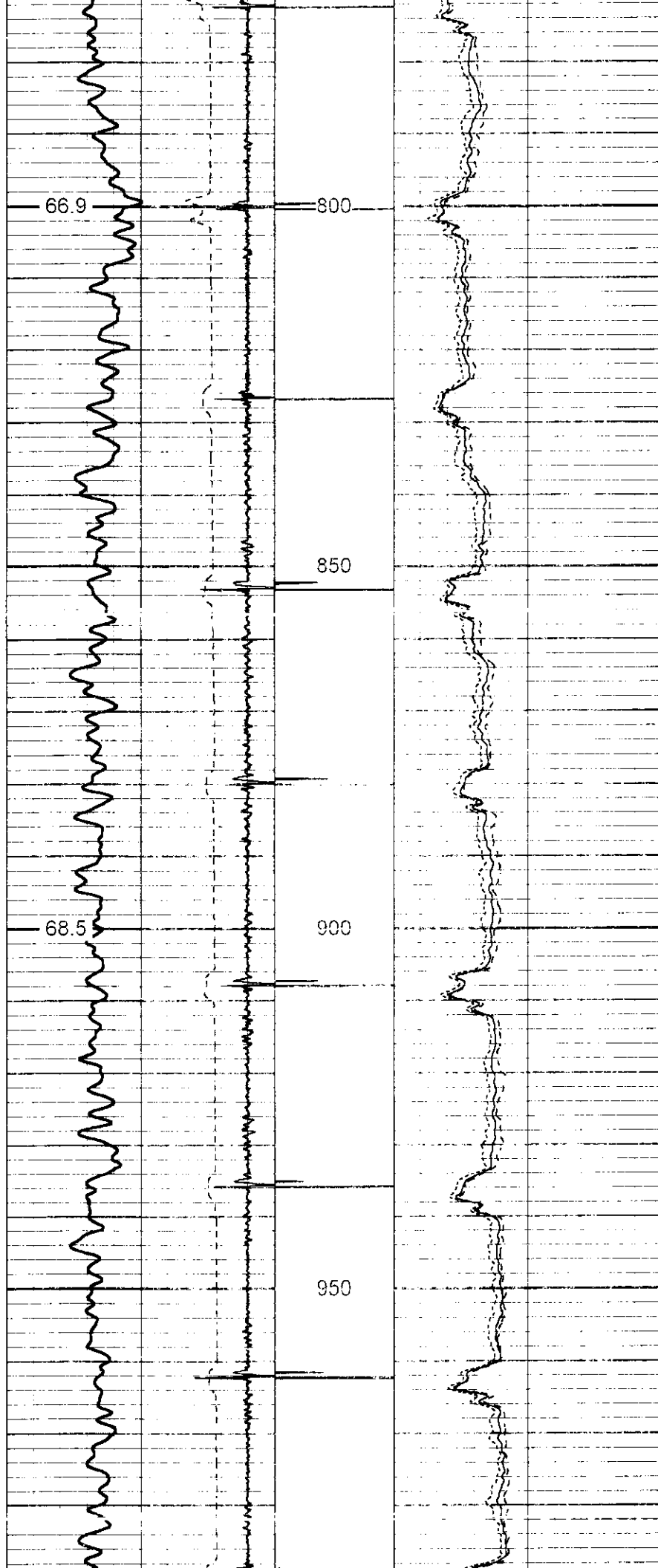


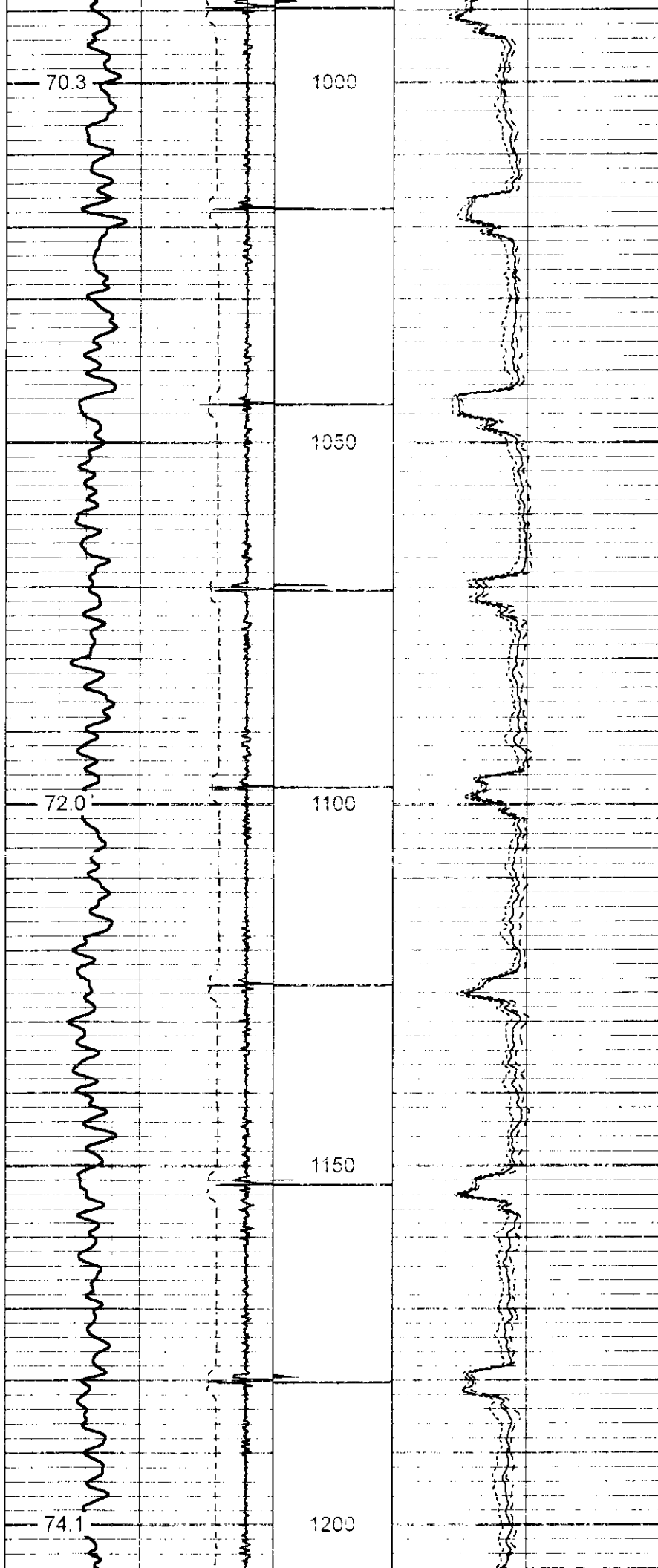


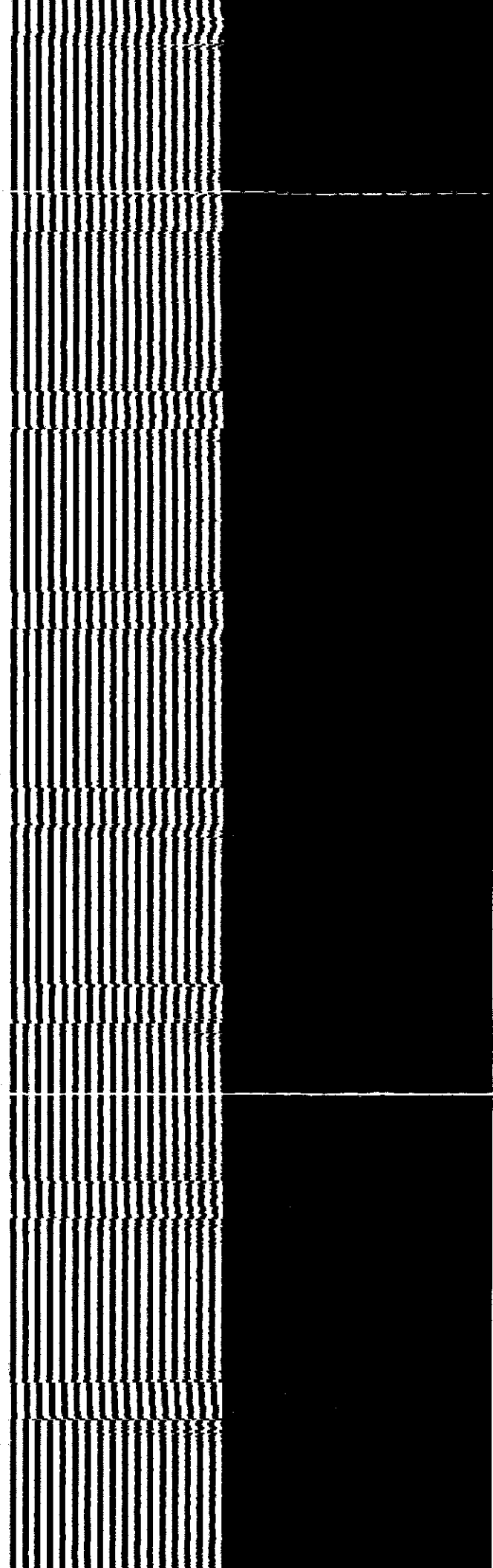
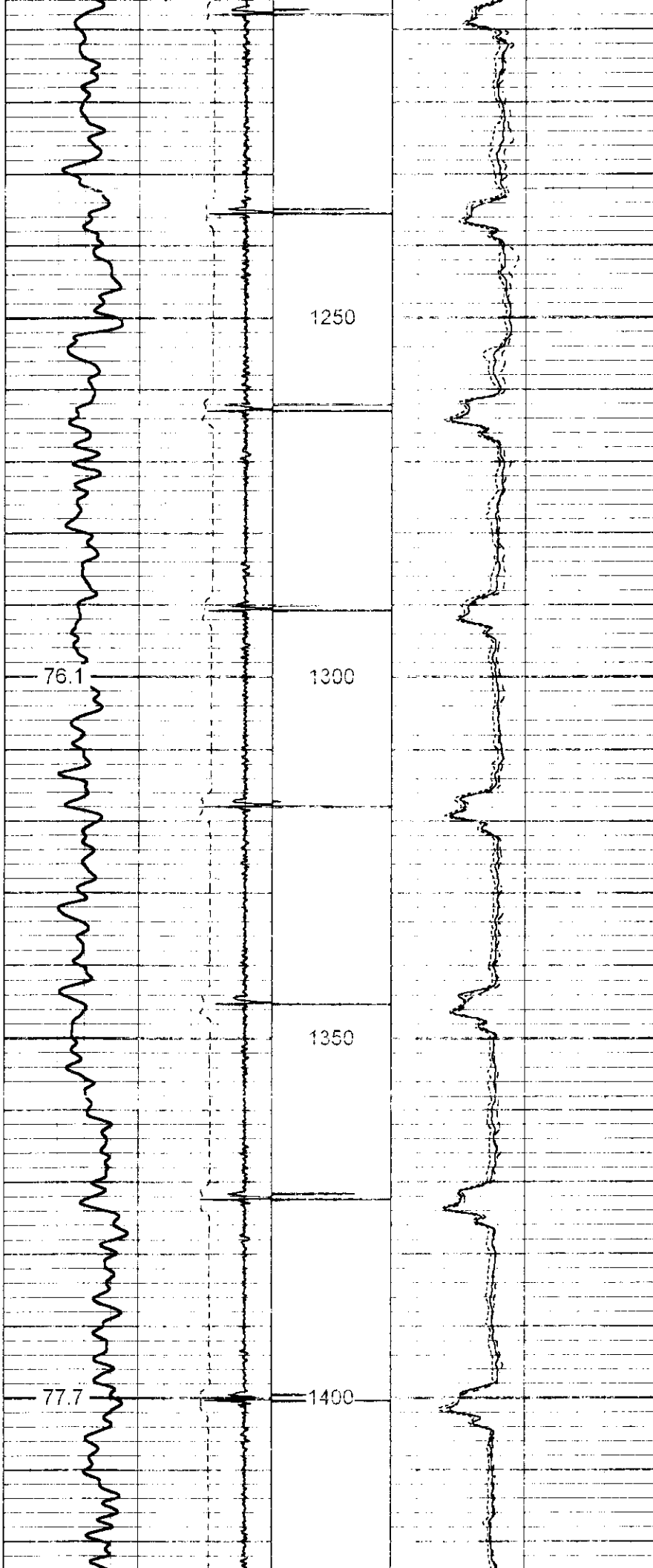
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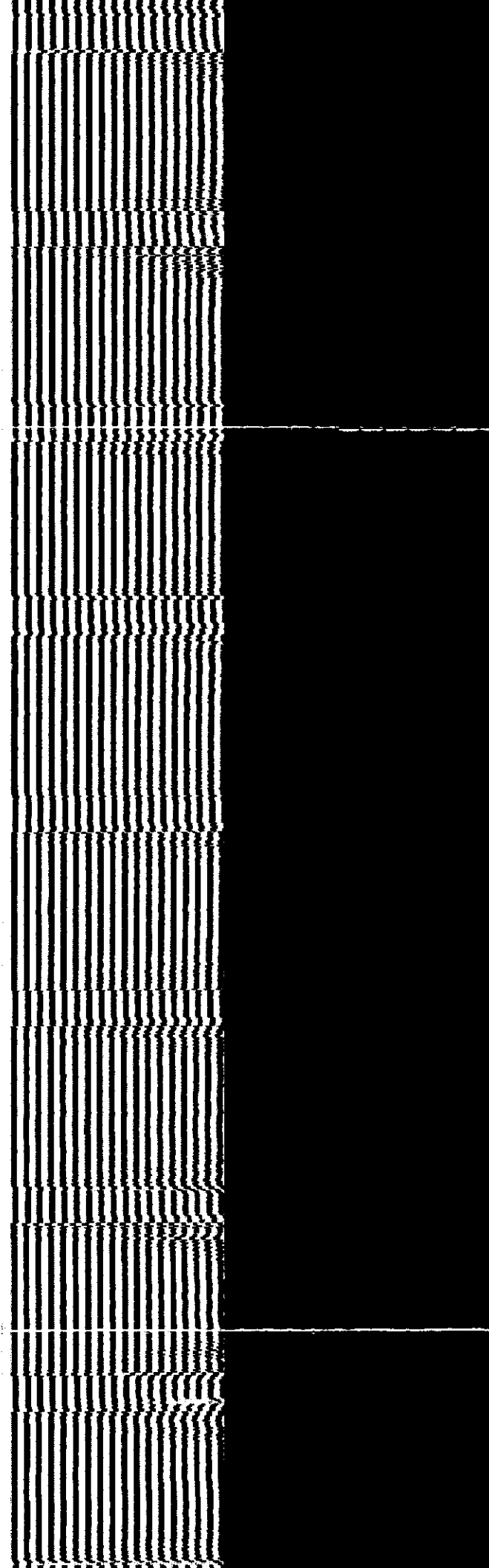
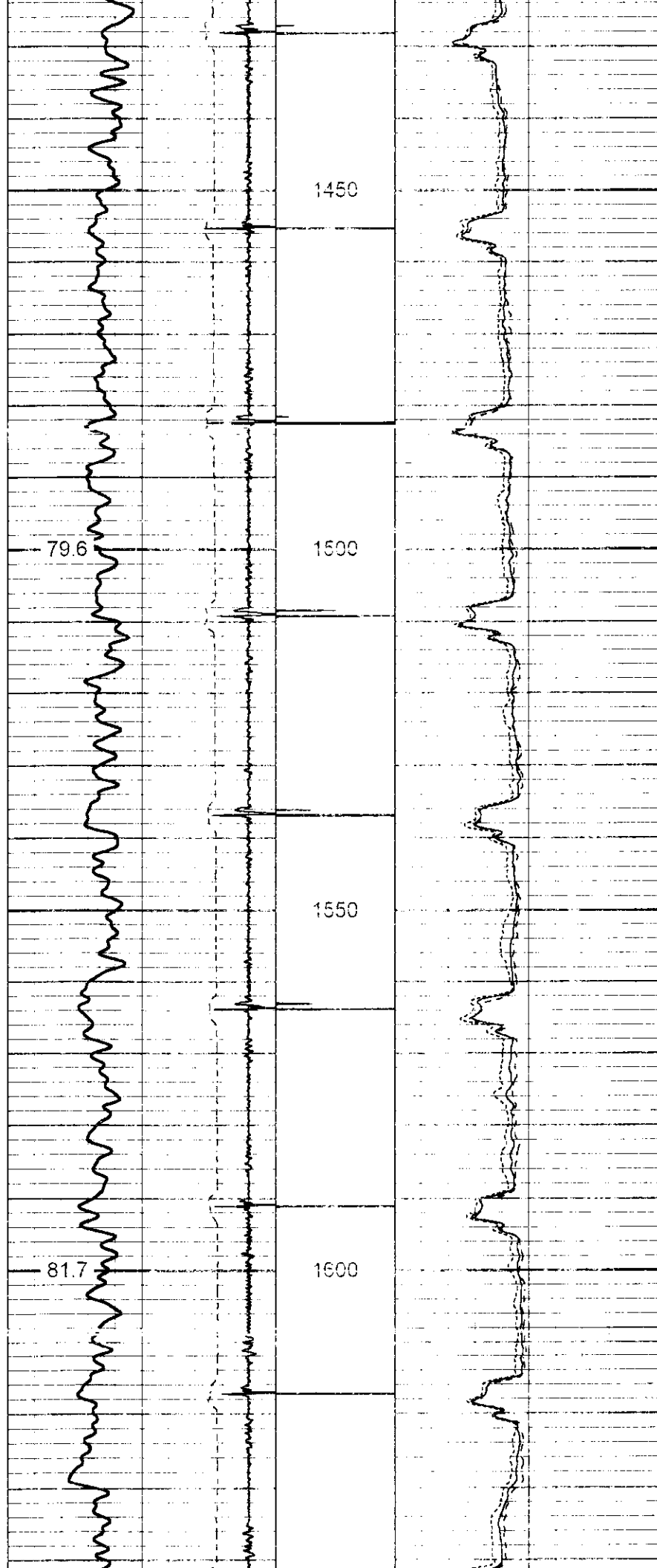


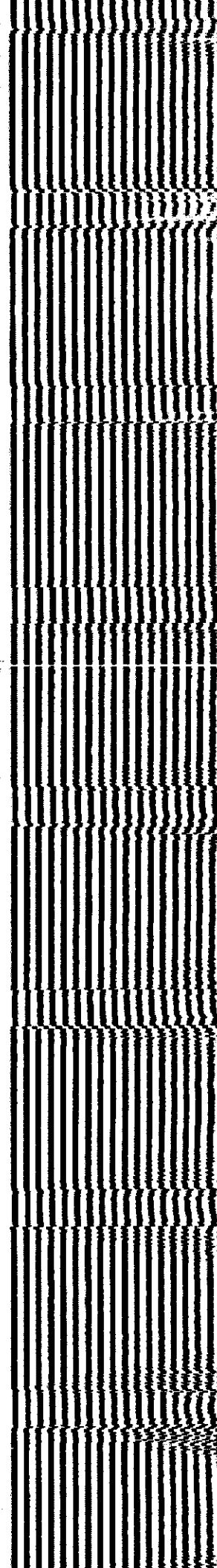
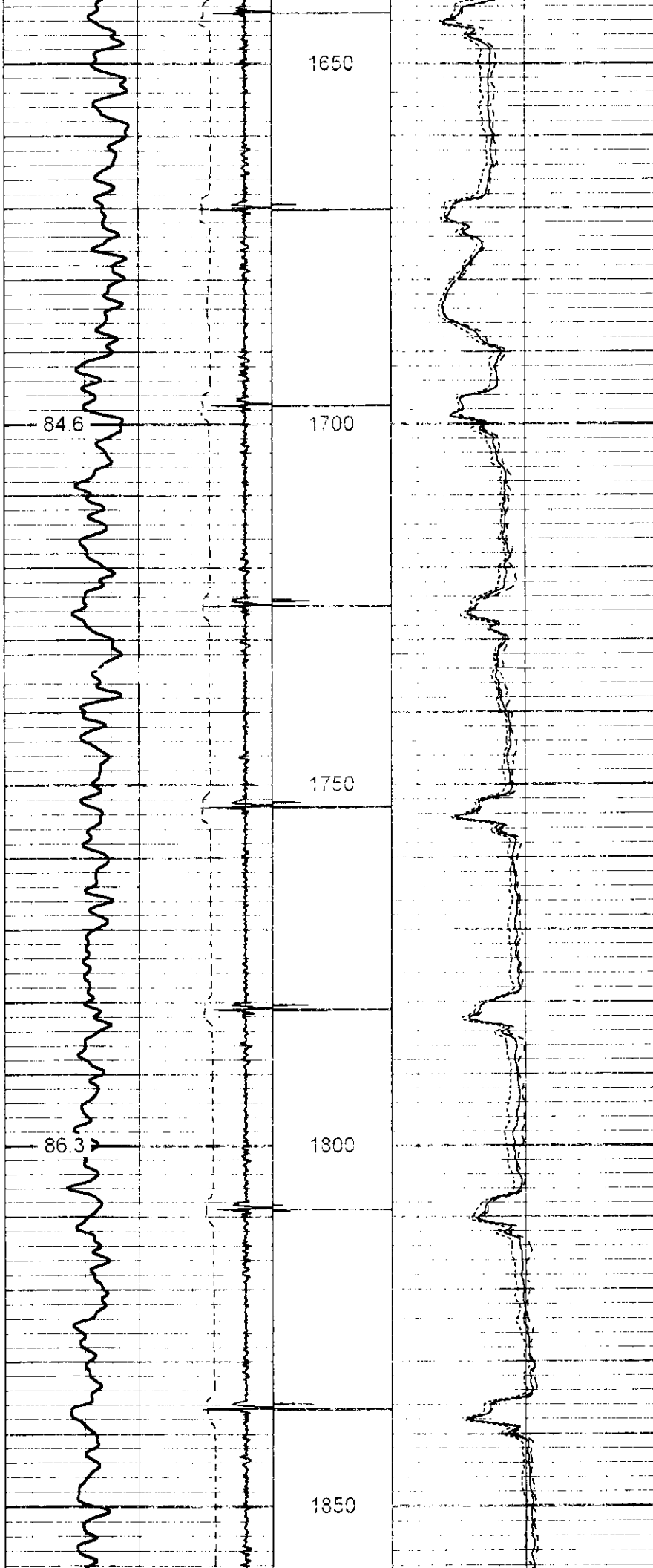


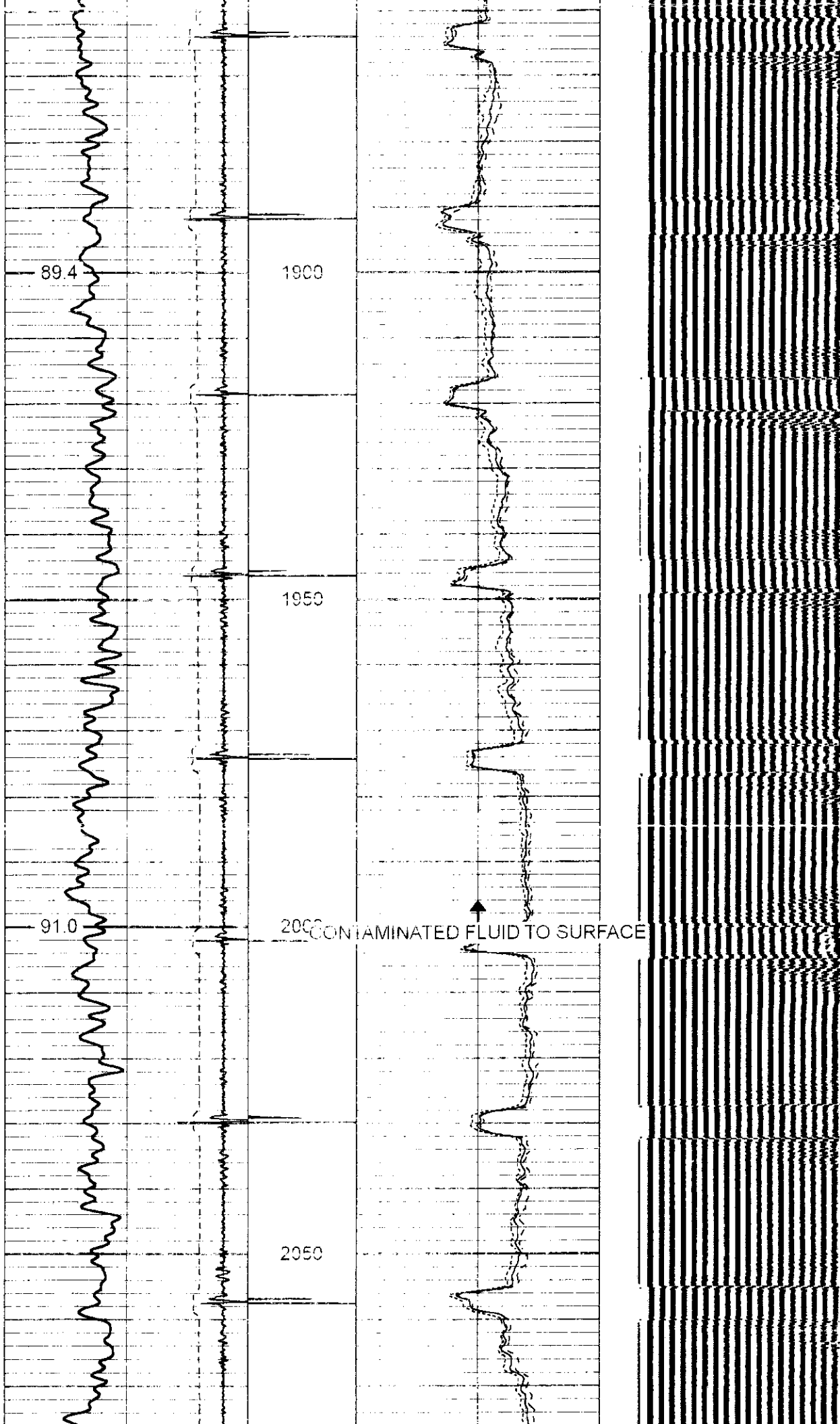


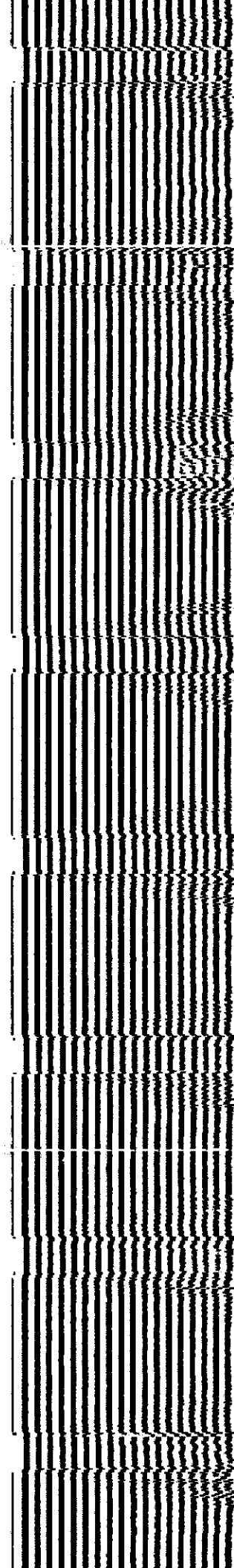
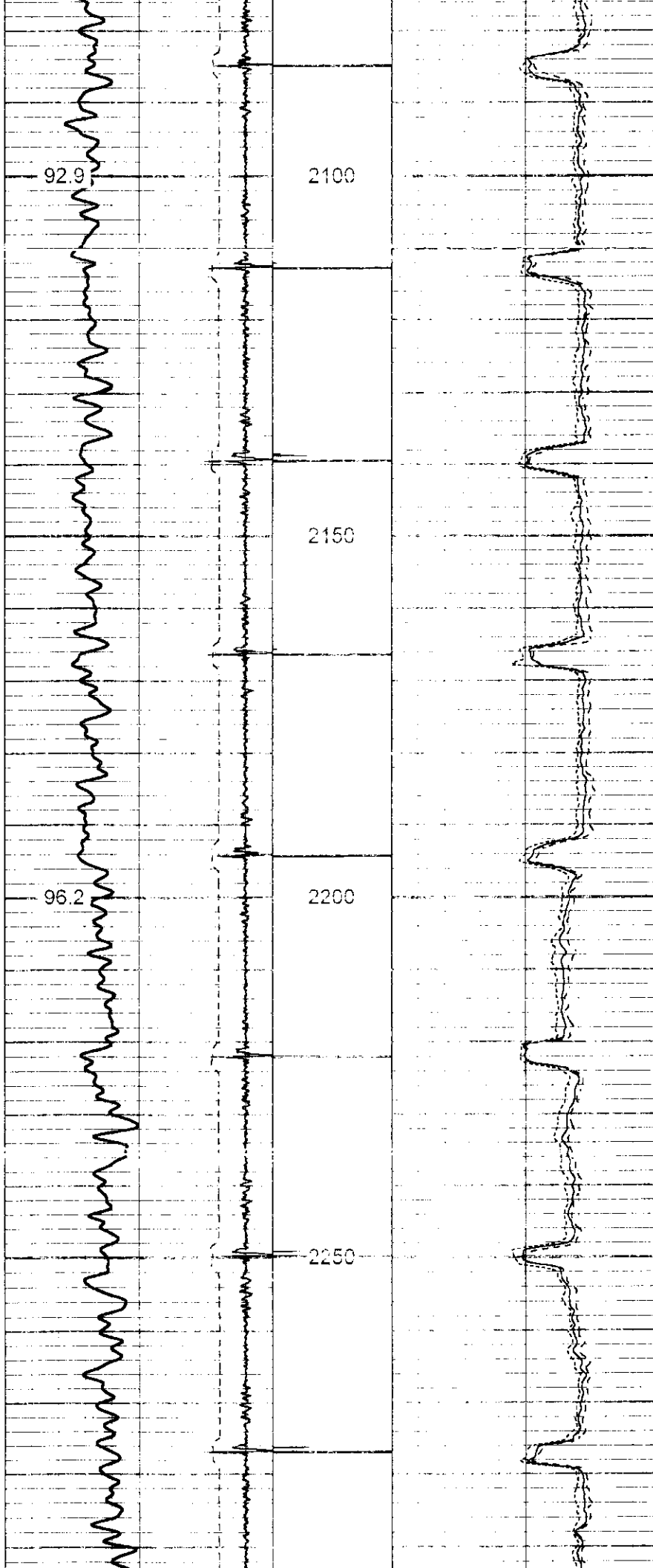


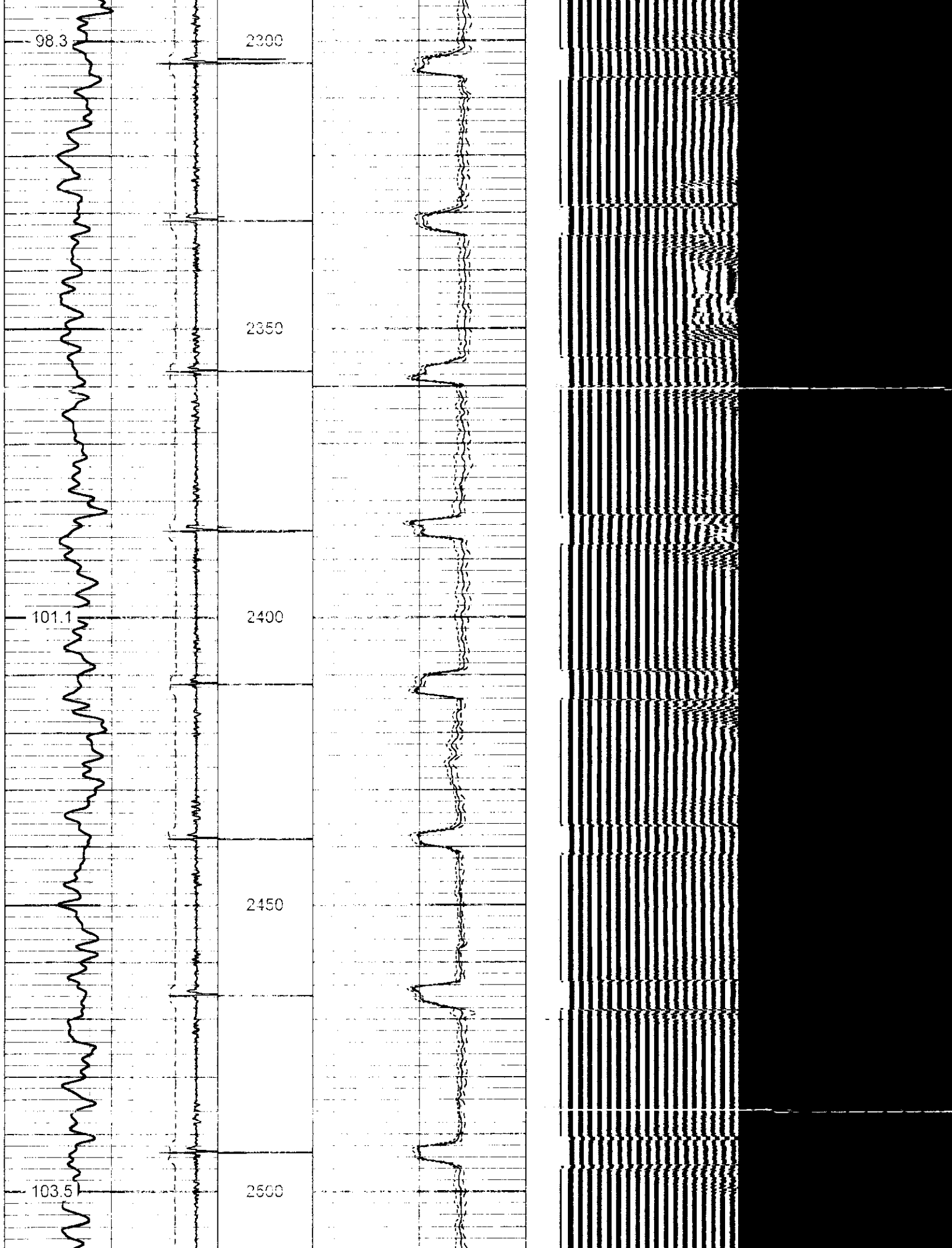


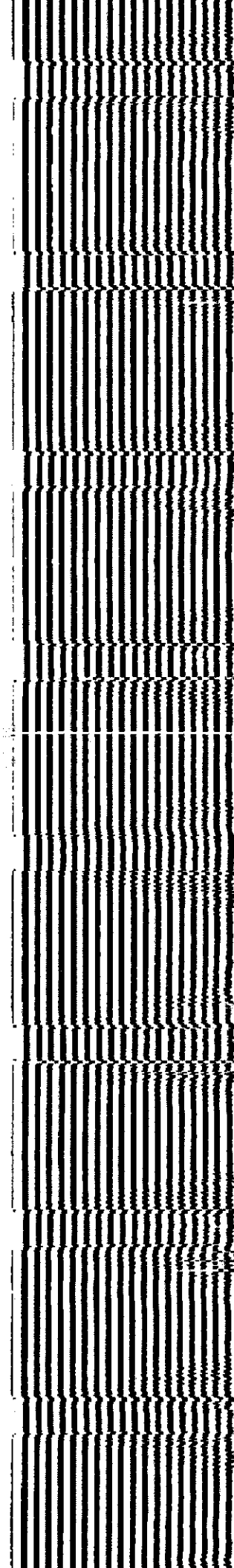
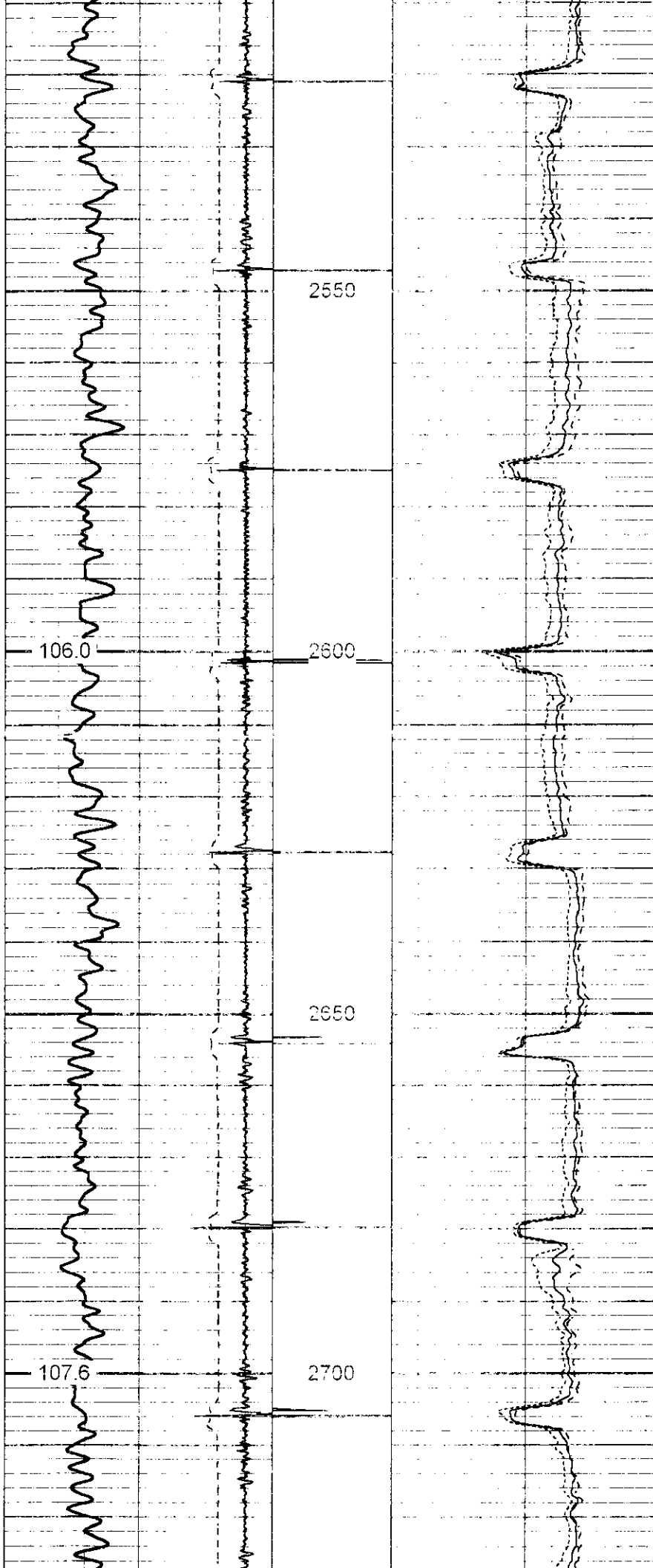


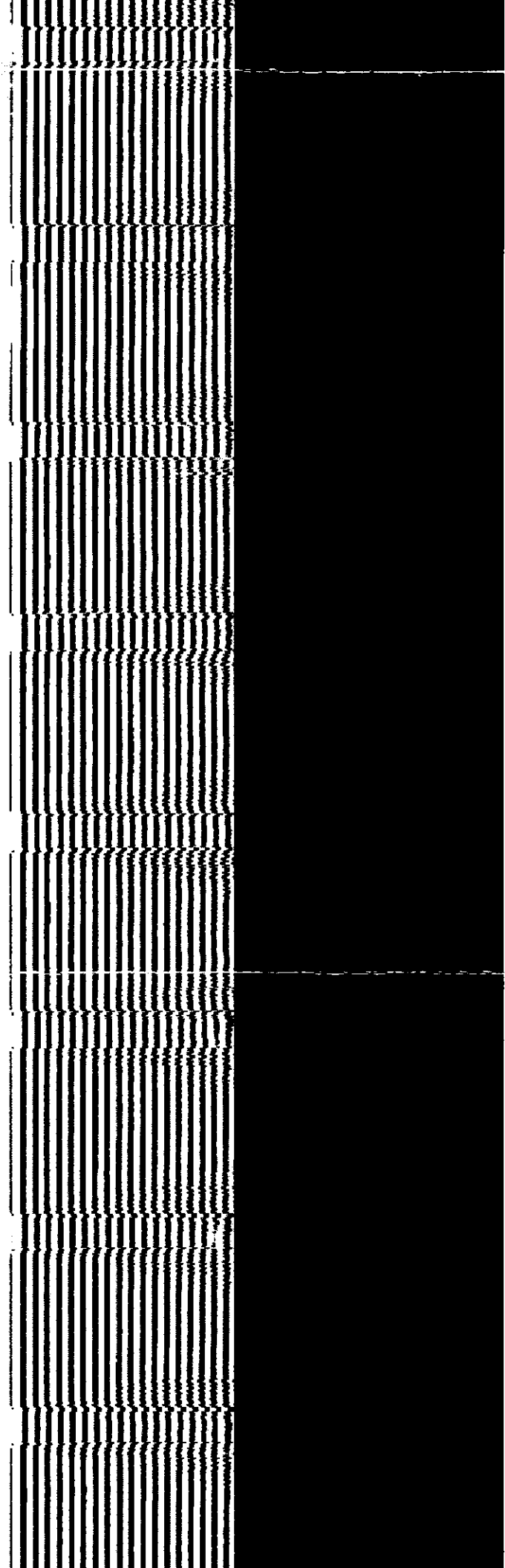
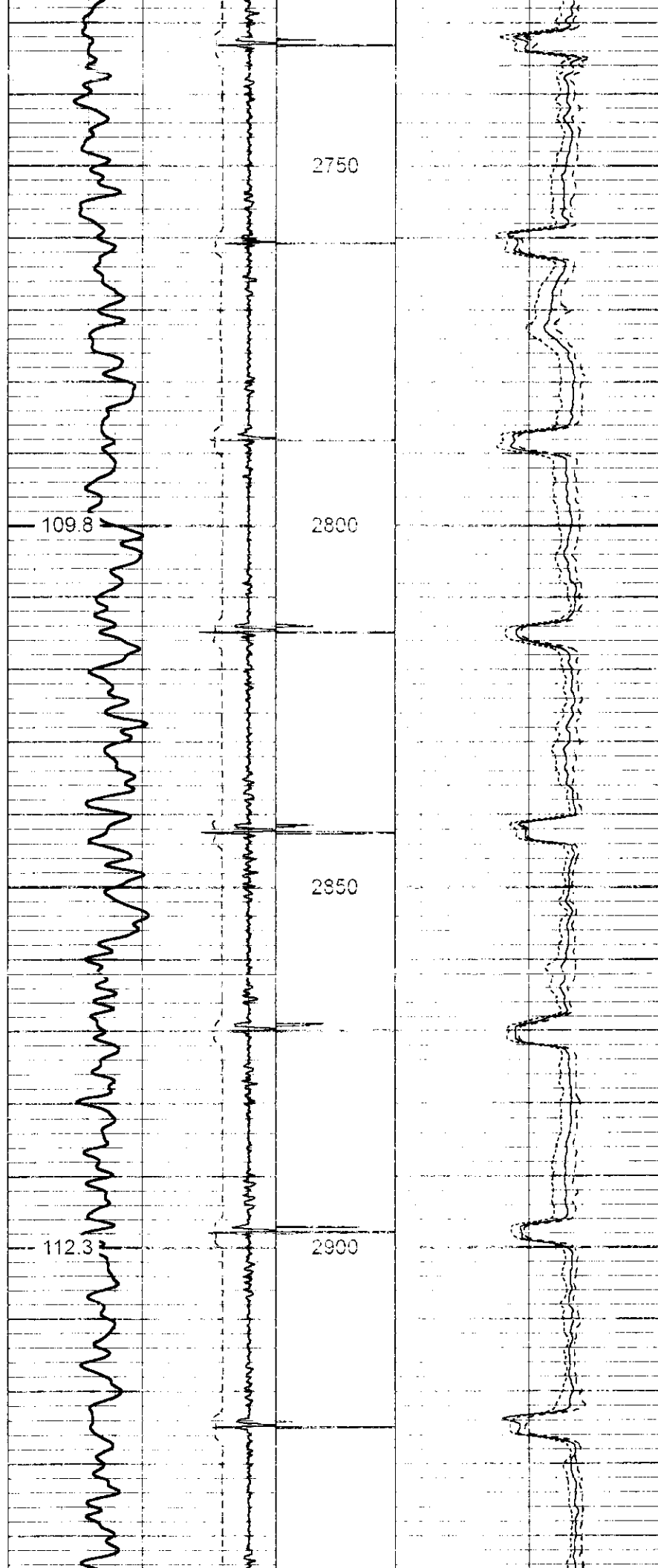


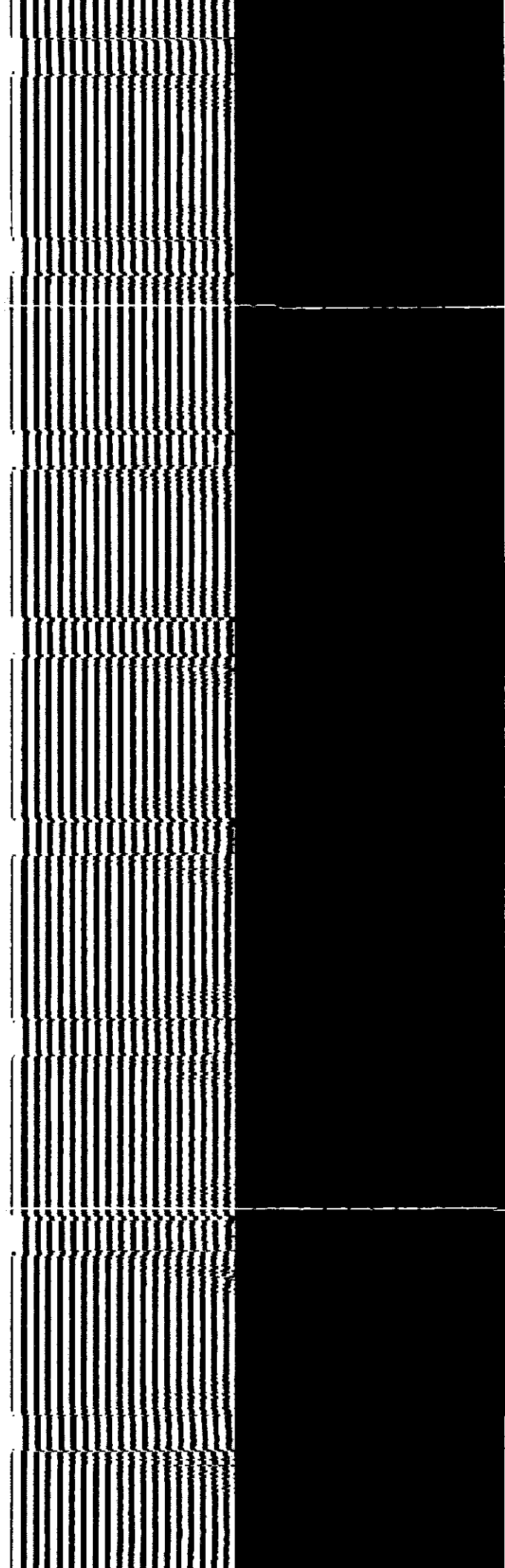
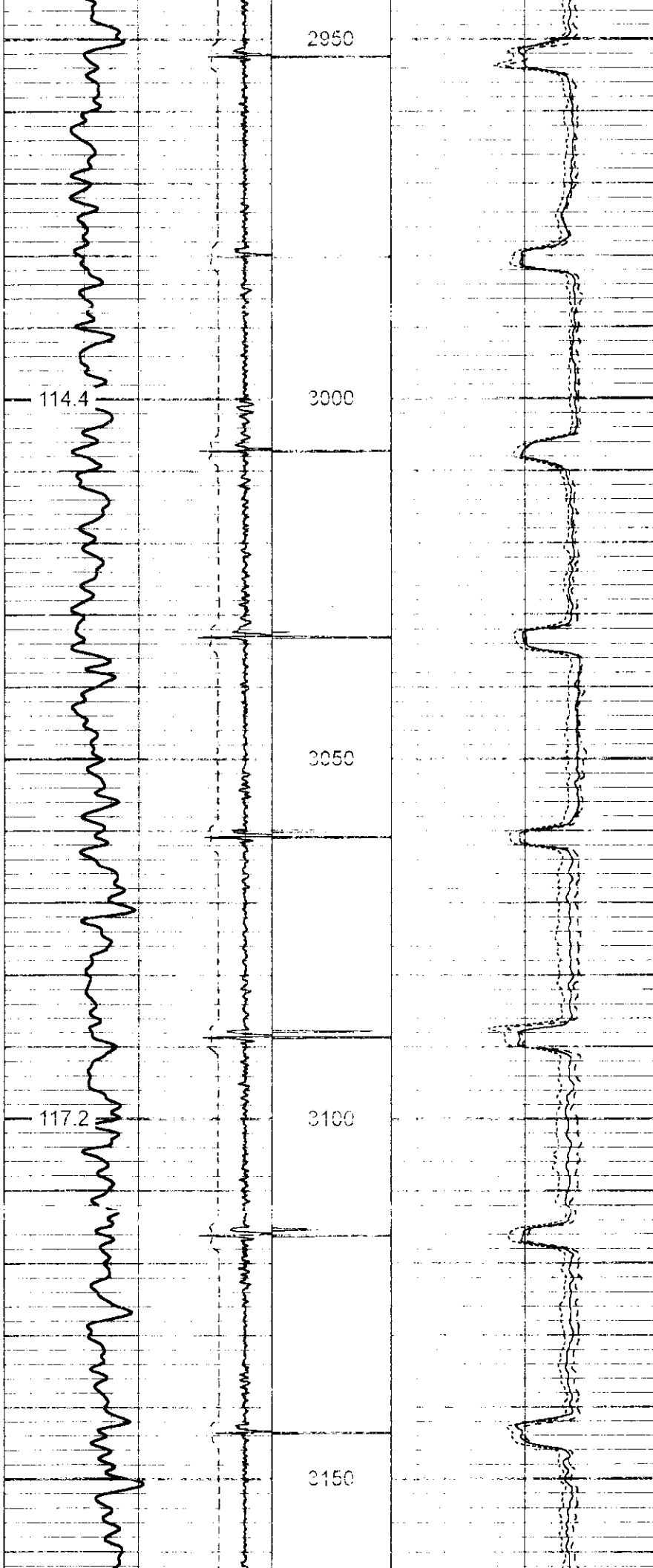


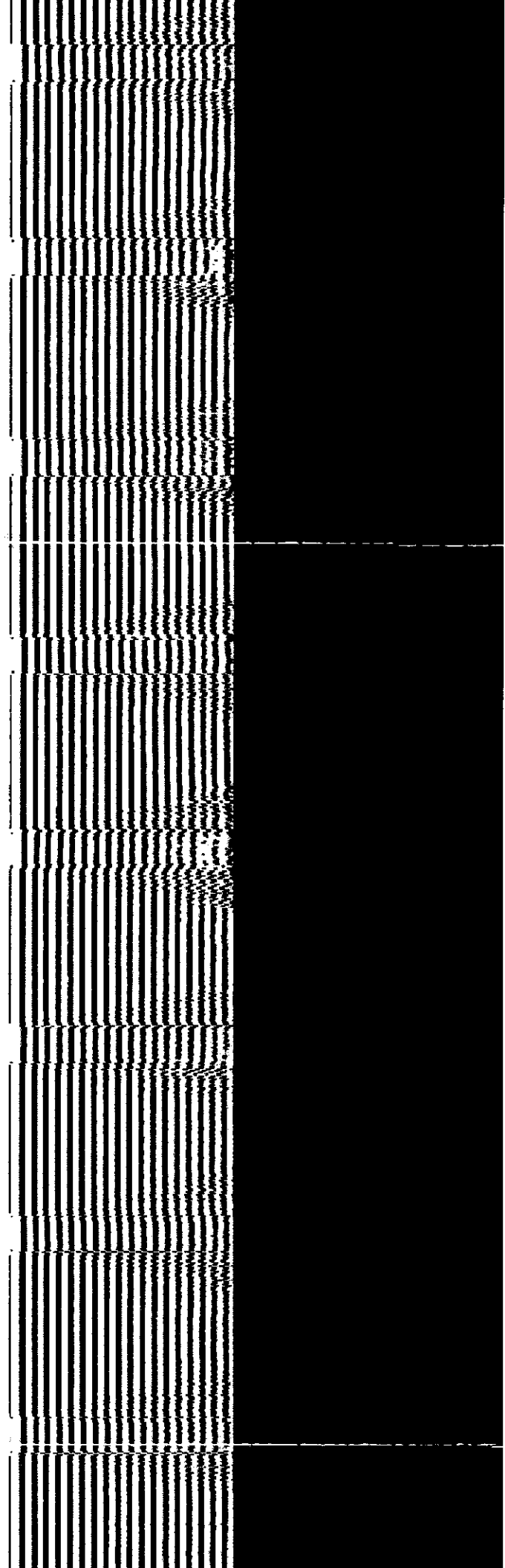
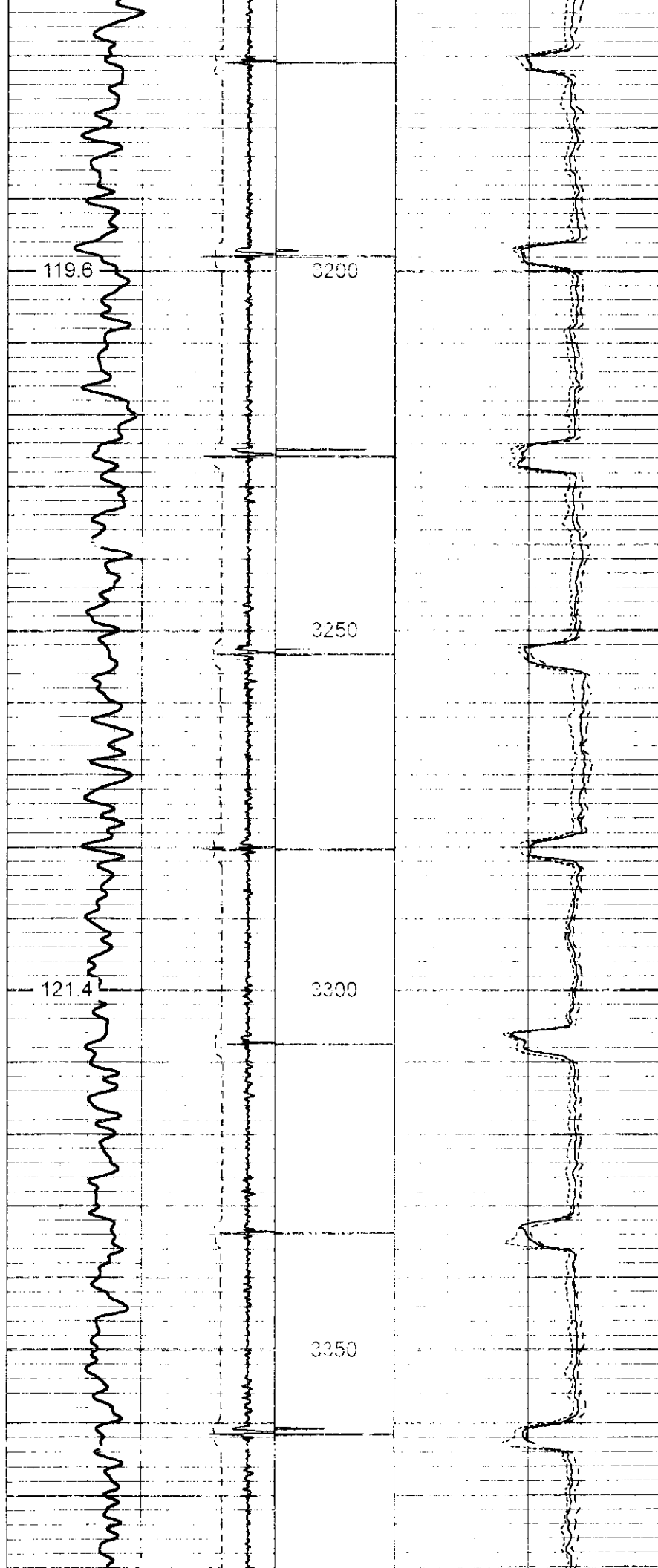


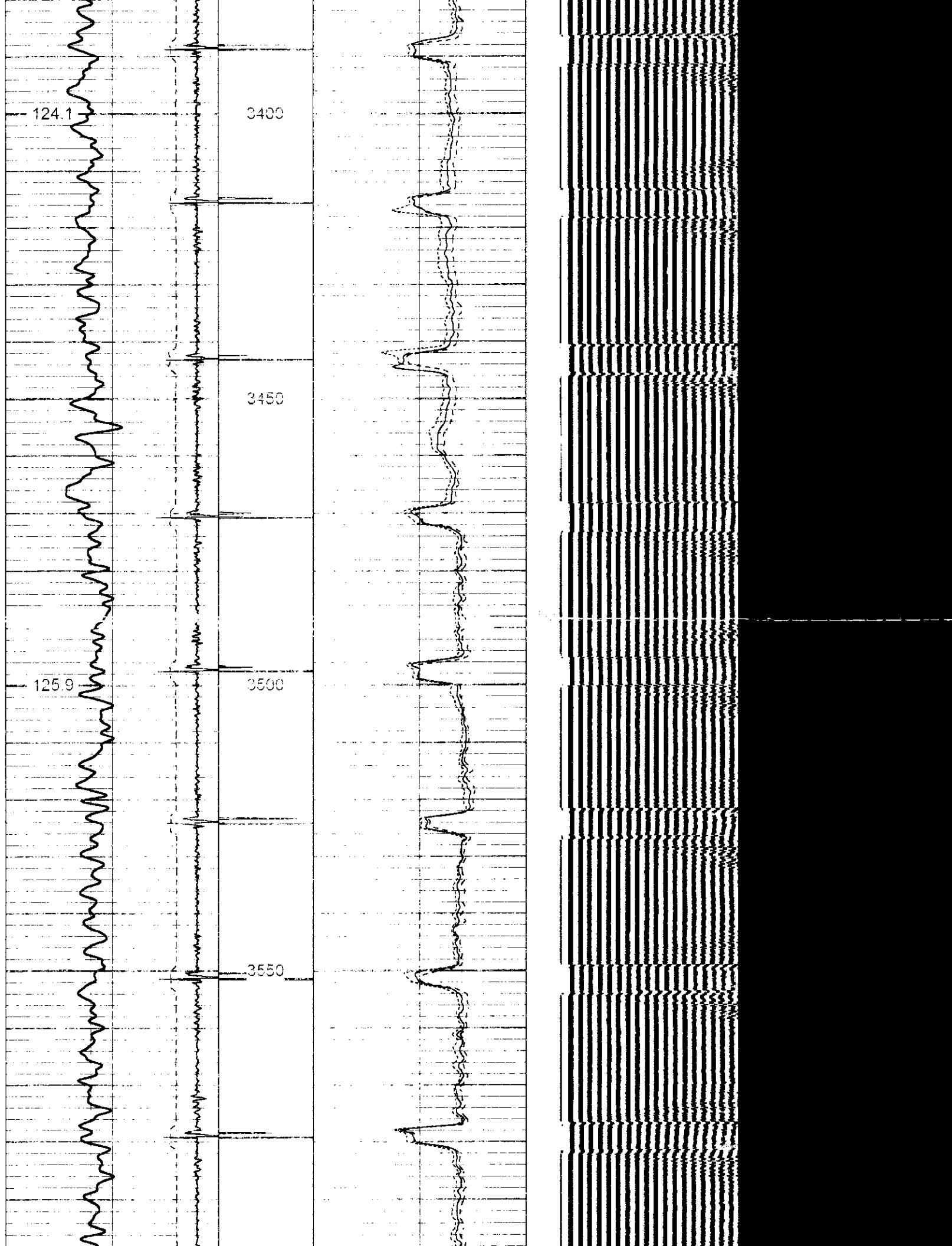


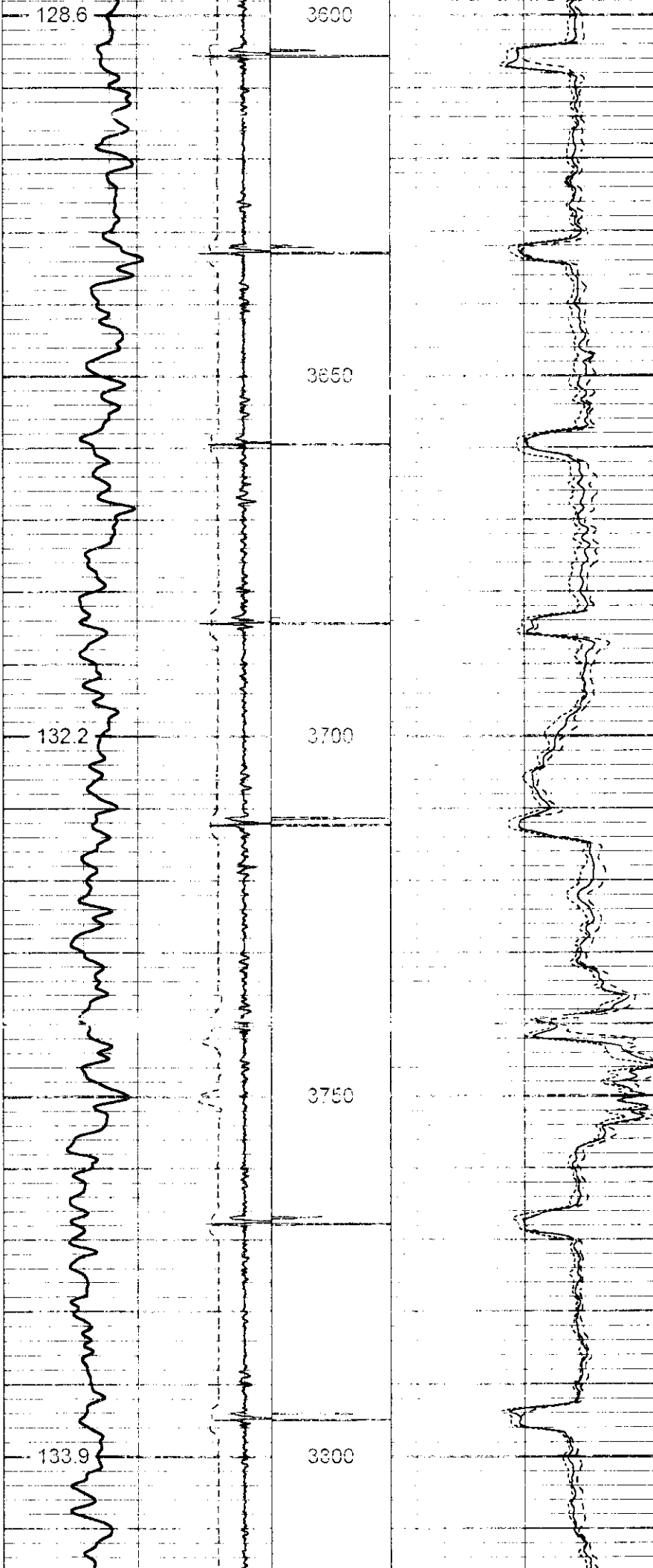


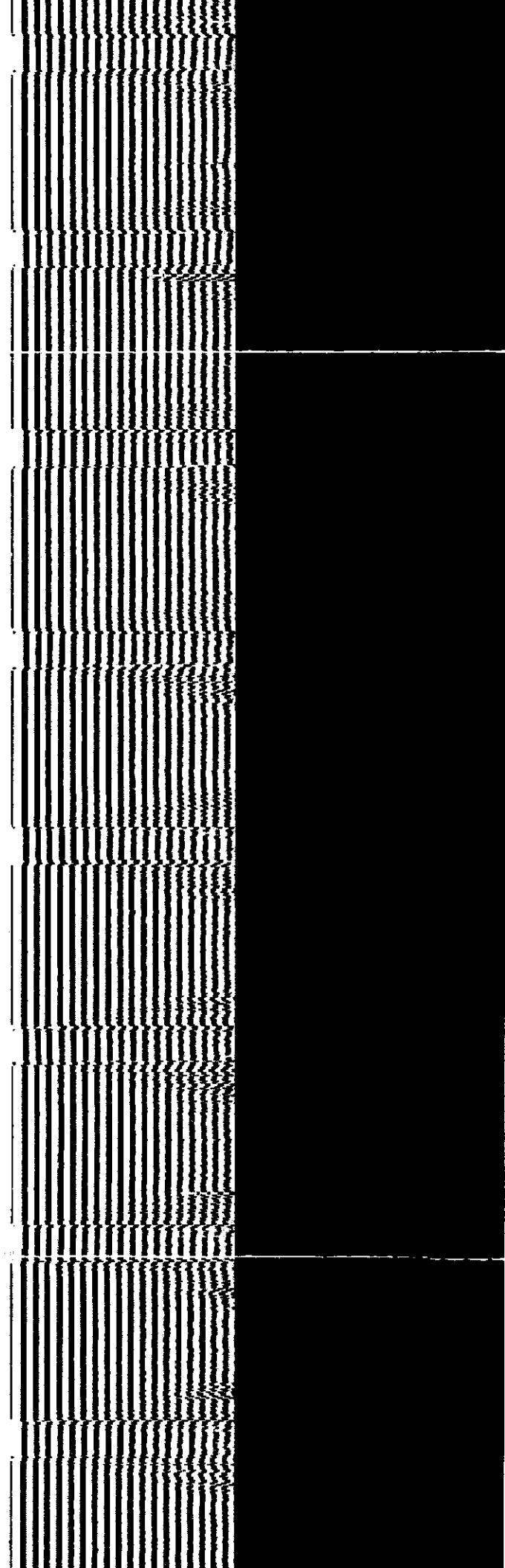
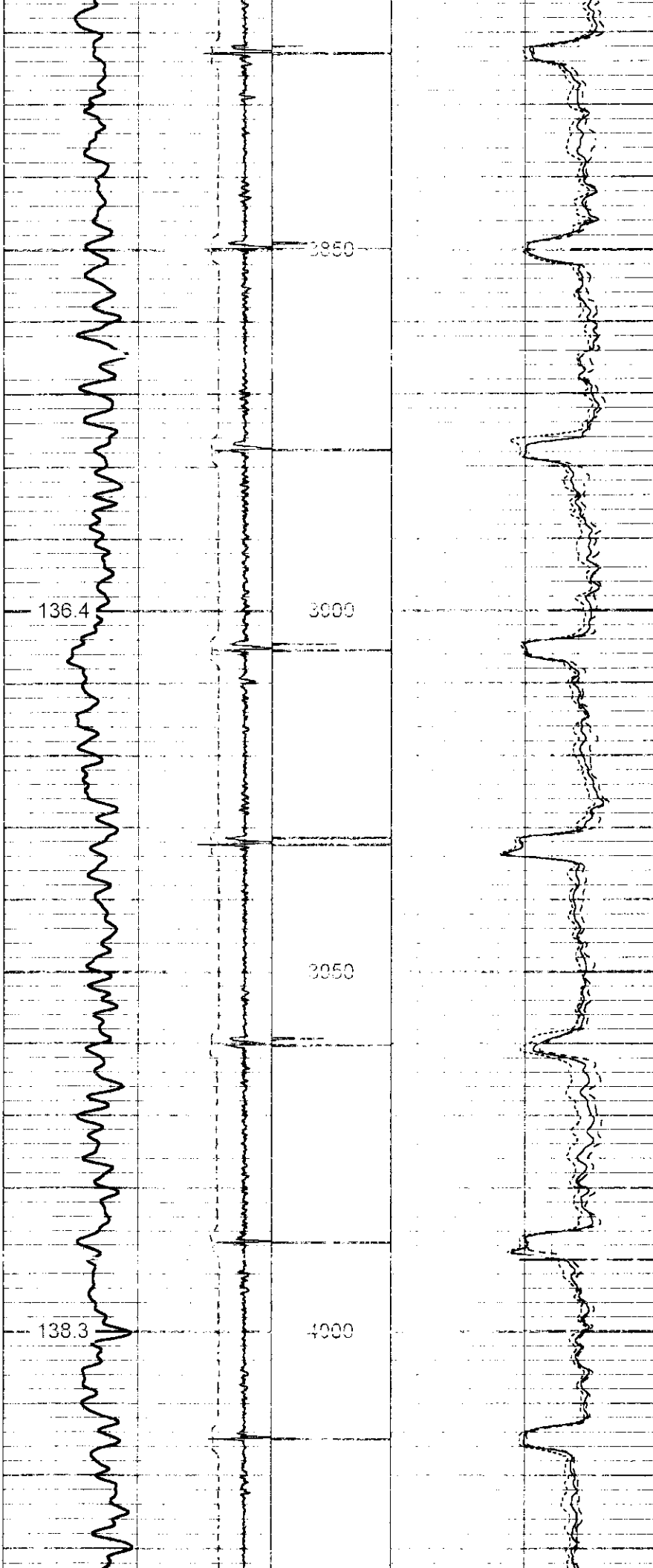


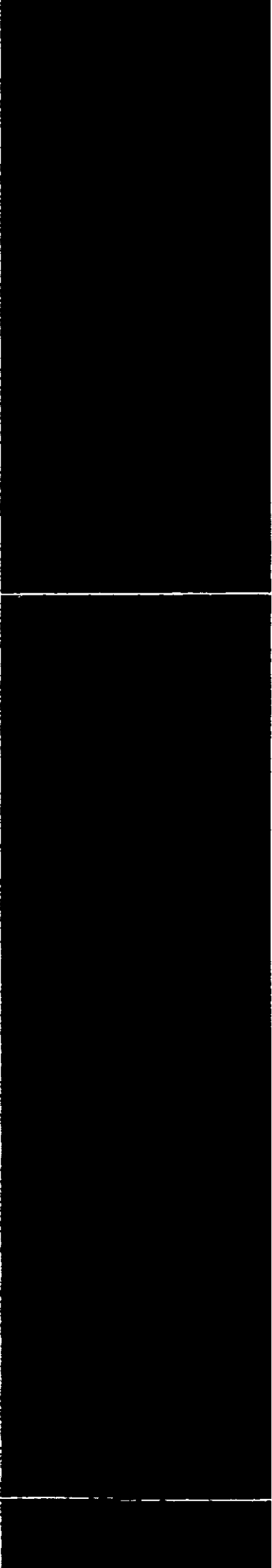
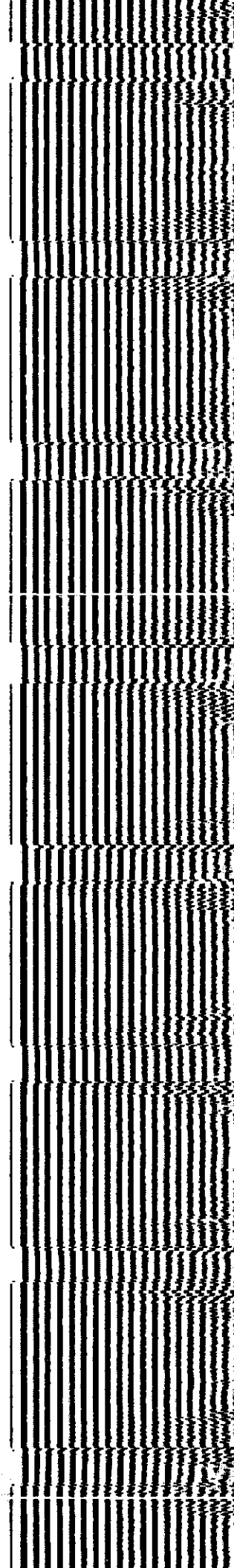
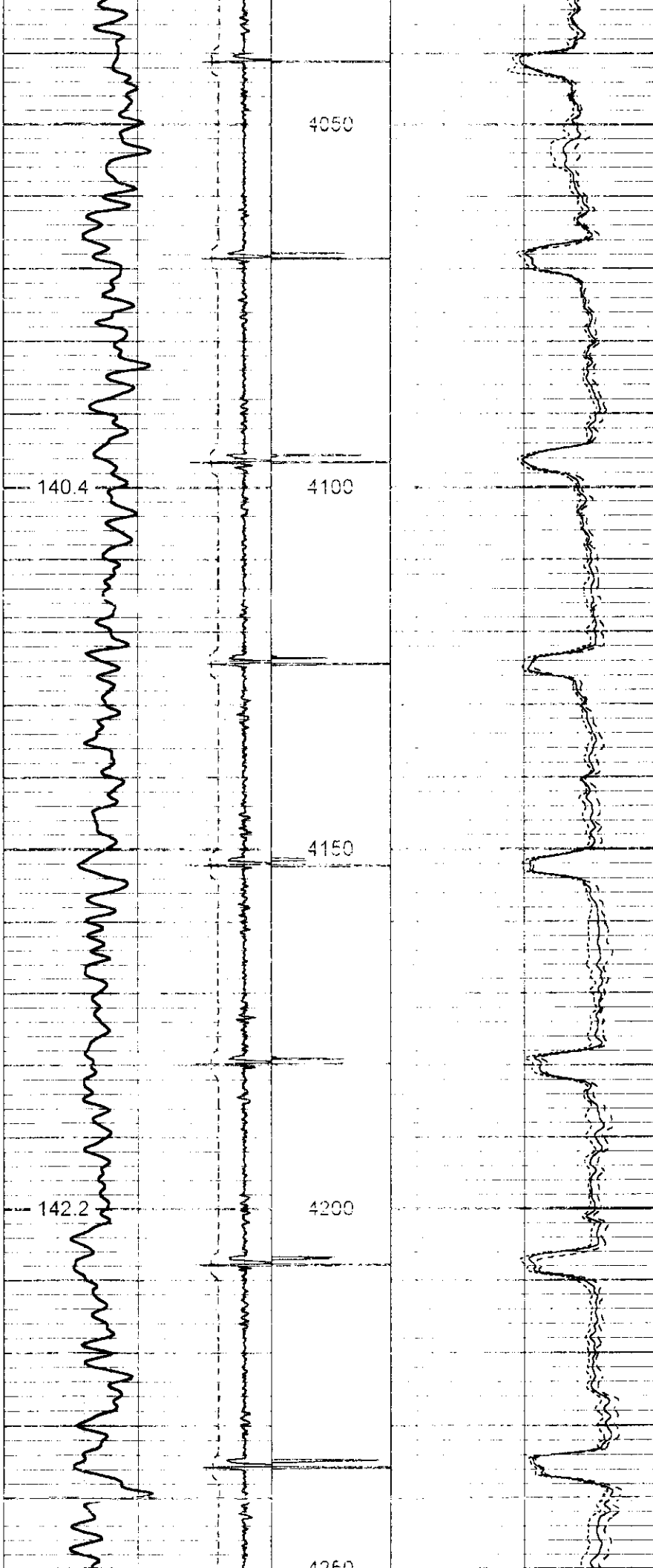


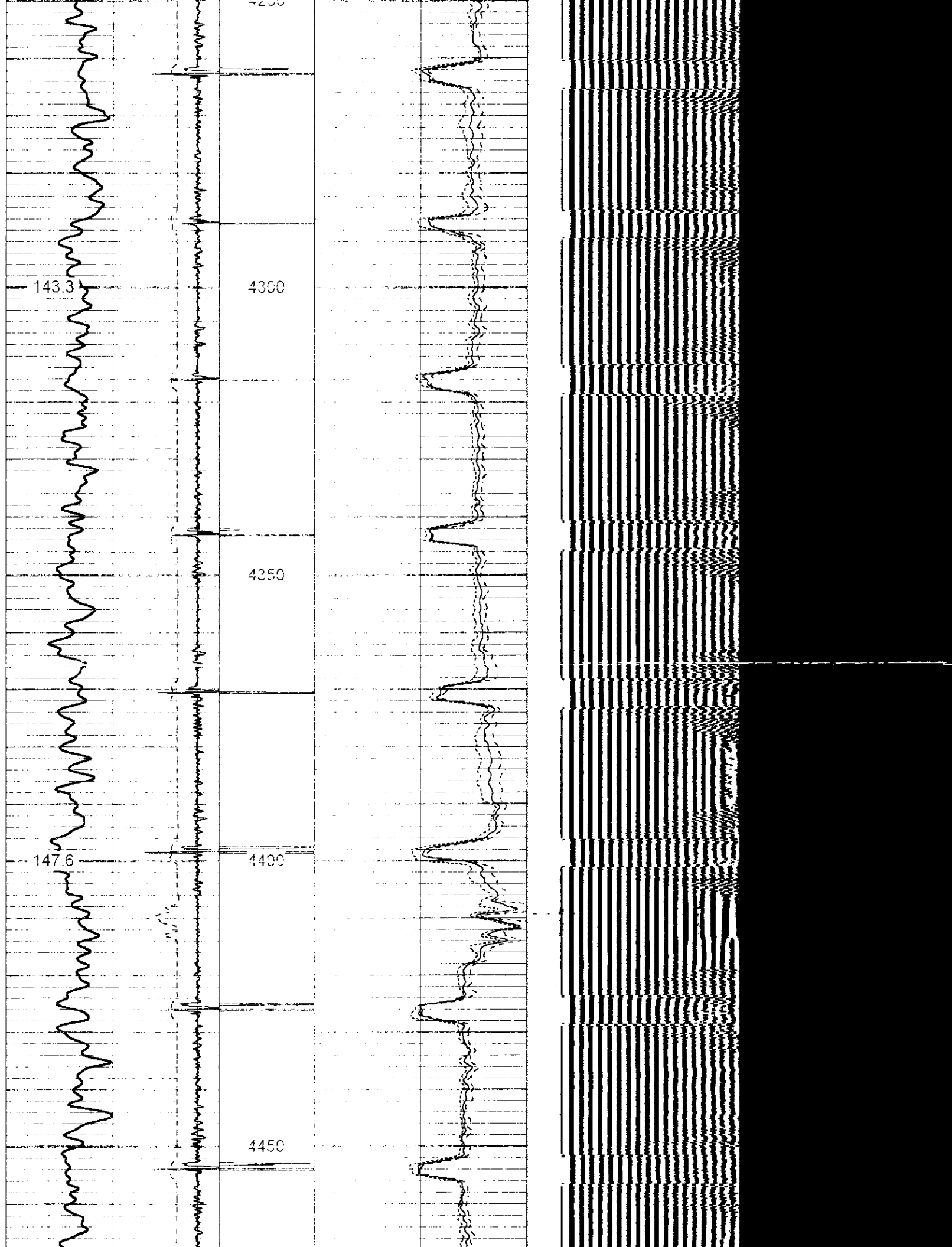


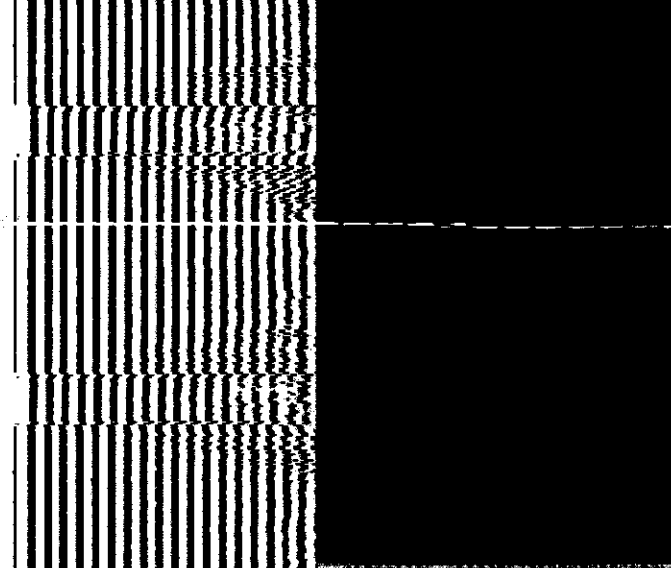












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