



SUPERIOR
Hays,
Kansas

DUAL RECEIVER CEMENT BOND LOG

Company GRAND MESA OPERATING, INC.
Well DALE #1-34
Field WILDCAT
County LOGAN
State KANSAS

Company GRAND MESA OPERATING, INC.
Well DALE #1-34
Field WILDCAT
County LOGAN State KANSAS

Location: API # : 15-109-20995-0000
2548' FSL & 352' FEL
SEC 34 TWP 12S RGE 32W
Permanent Datum GROUND LEVEL Elevation 2983
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
PERF
Elevation
K.B. 2983
D.F. 2986
G.L. 2983

Date 4-18-11

Run Number ONE
Depth Driller 4750
Depth Logger 4727
Bottom Logged Interval 4725
Top Log Interval 3550
Open Hole Size 7 7/8
Type Fluid WATER
Density / Viscosity
Max. Recorded Temp. 3700
Estimated Cement Top
Time Well Ready
Time Logger on Bottom
Equipment Number 788
Location HAYS, KS
Recorded By JEREMY SEIB
Witnessed By JOHN JOHNSON

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4	0	216				
TWO	7 7/8	216	4750				

Casing Record		Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8			0	216
Prot. String	5 1/2			0	
Production String					
Liner					

<<< 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 SERVICES HAYS, KS (785) 628-6395
DIRECTIONS: OAKELY, KS - 11 1/2 SOUTH ON HWY 83 (1/2 NORTH OF GOVE RD.) - WEST INTO



SUPERIOR
Hays,
Kansas

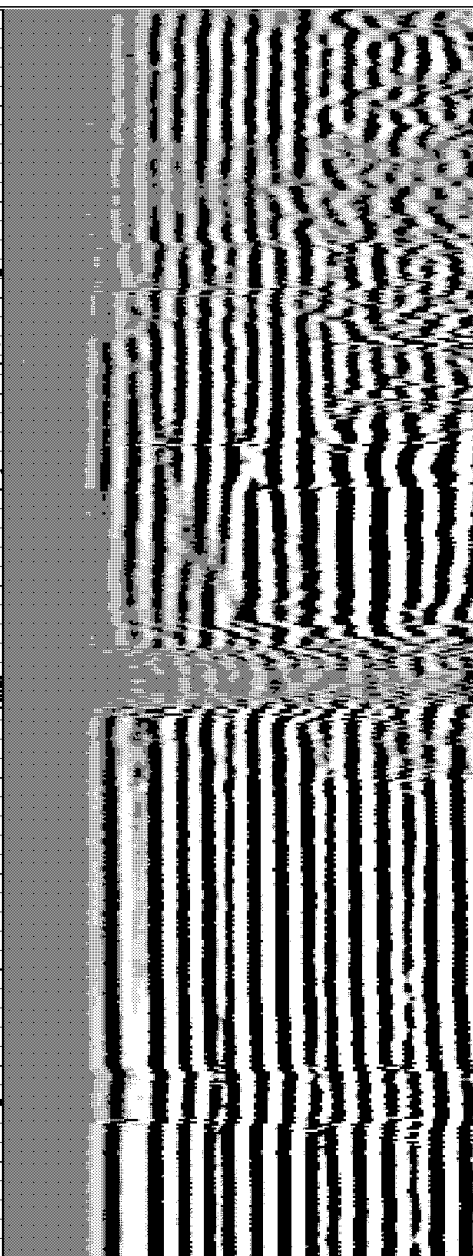
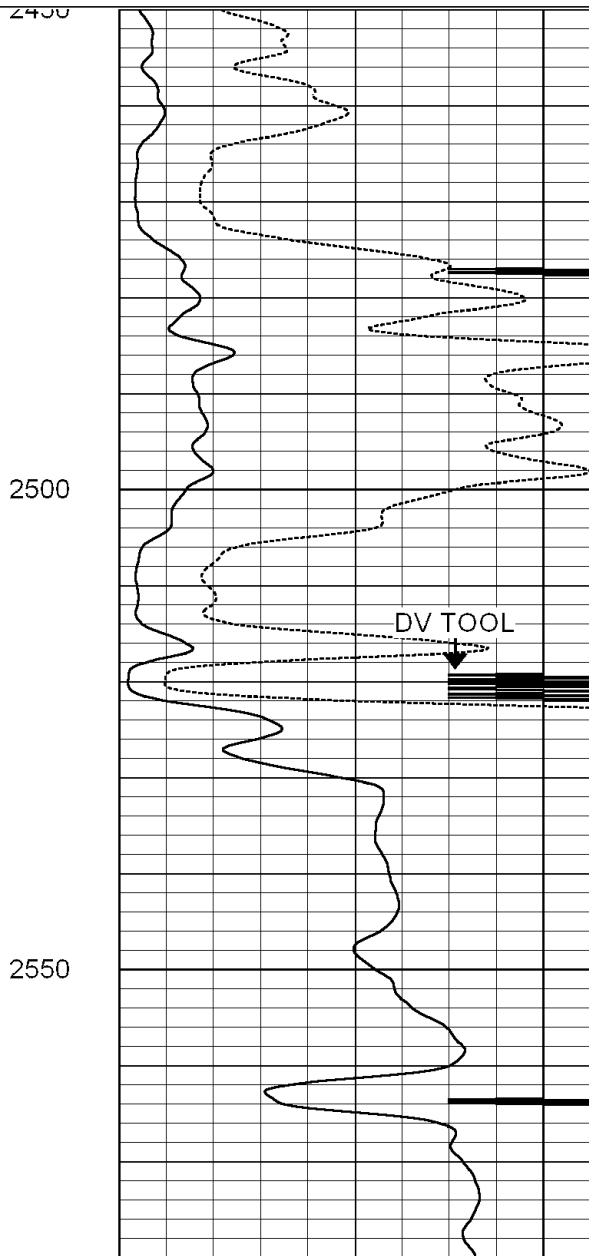
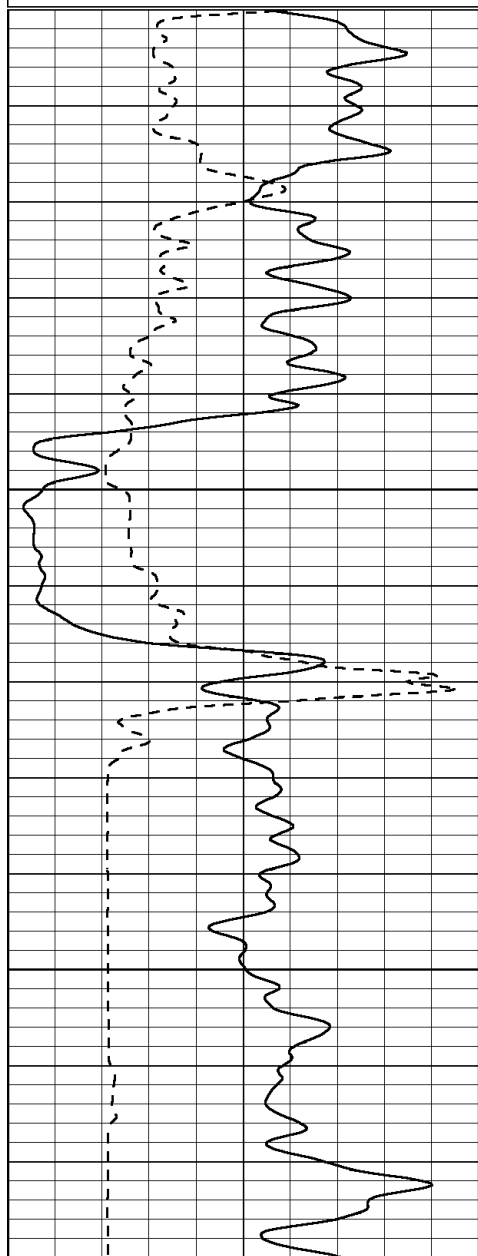
DV TOOL

Database File: 6875.db
 Dataset Pathname: pass3.1
 Presentation Format: dcbl02
 Dataset Creation: Mon Apr 18 10:03:16 2011 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
200	5' Travel Time (usec)	1000

0	3' Amplitude (mV)	100
9	CCL	-1
0	Amplified Amplitude (mV)	20

200	5FT VDL	1000
-----	---------	------



0	Gamma Ray (GAPI)	150
200	5' Travel Time (usec)	1000

0	3' Amplitude (mV)	100
9	CCL	-1
0	Amplified Amplitude (mV)	20

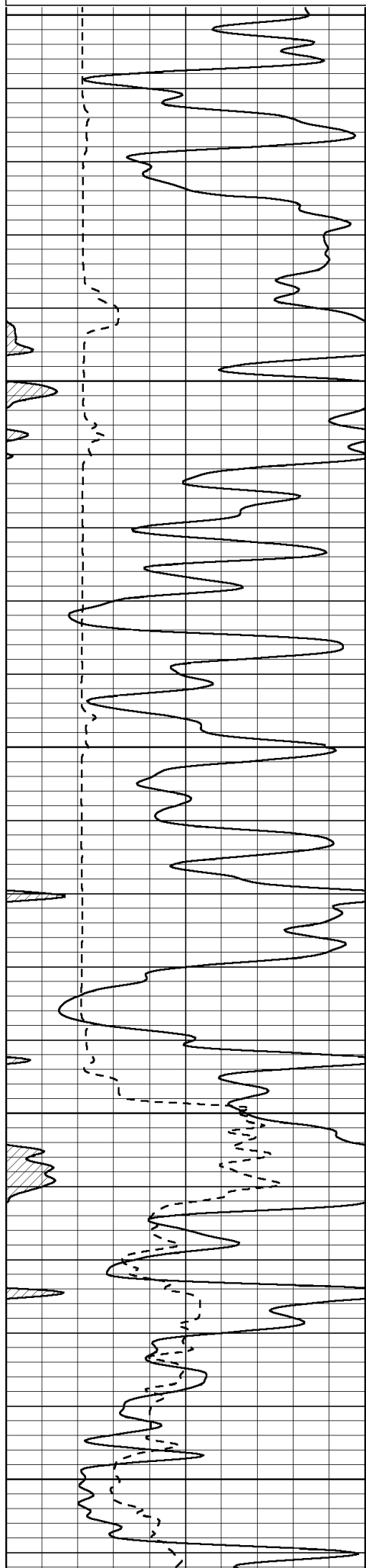
200	5FT VDL	1000
-----	---------	------

Database File: 6875.db
 Dataset Pathname: pass2.2
 Presentation Format: dcbl02
 Dataset Creation: Mon Apr 18 10:35:57 2011
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
200	5' Travel Time (usec)	1000

0	3' Amplitude (mV)	100
9	CCL	-1

200	5FT VDL	1000
-----	---------	------



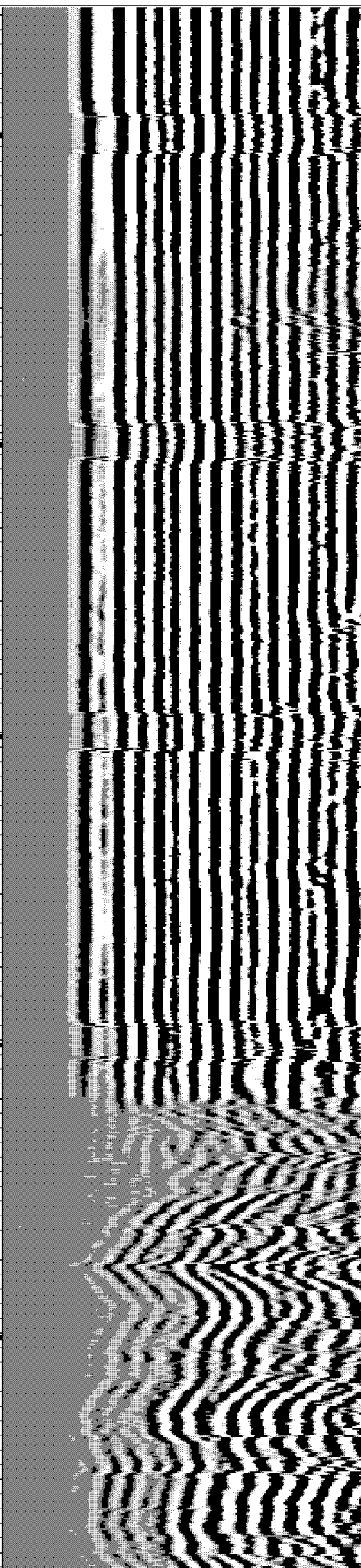
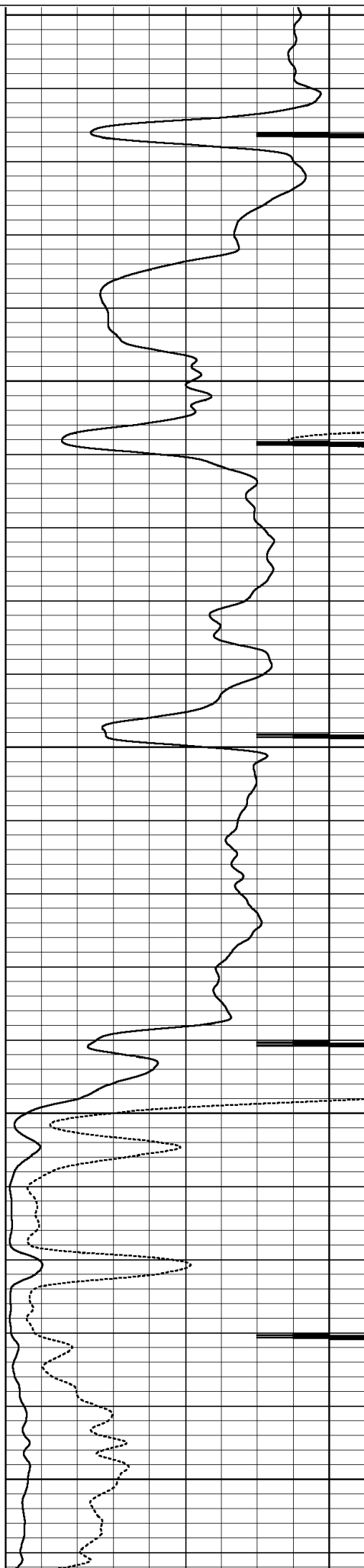
3550

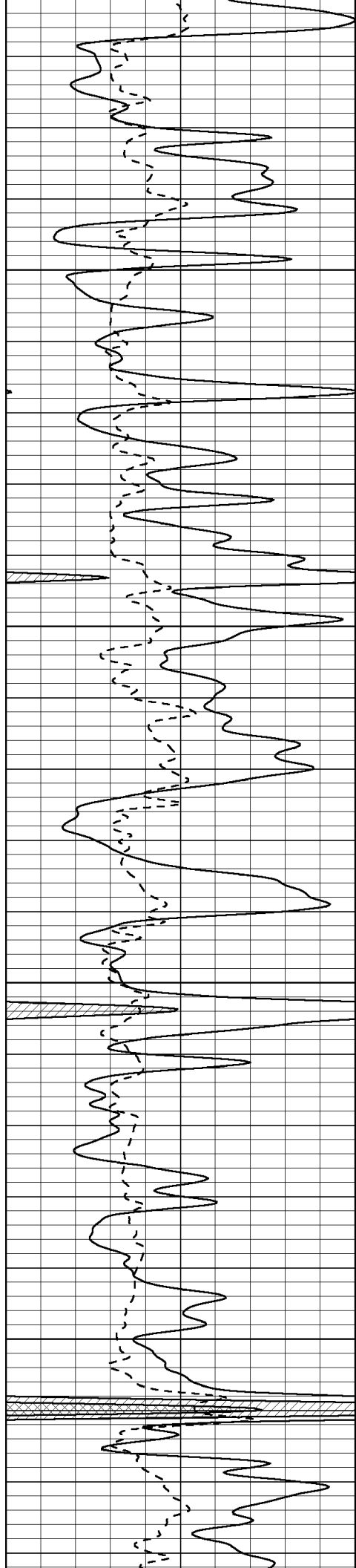
3600

3650

3700

3750



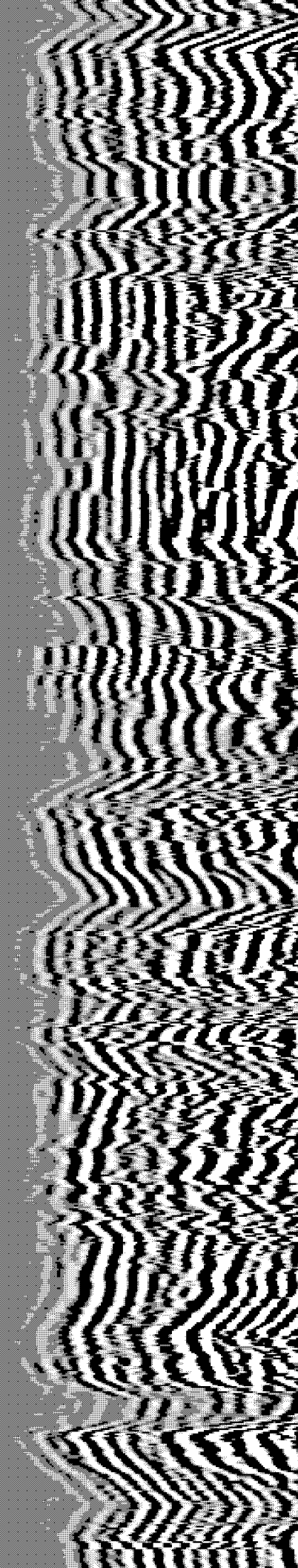
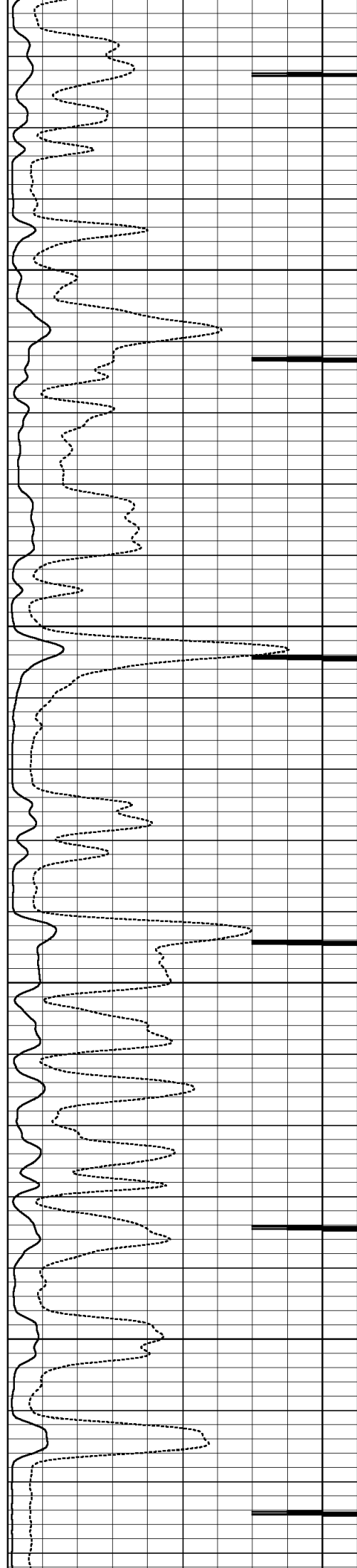


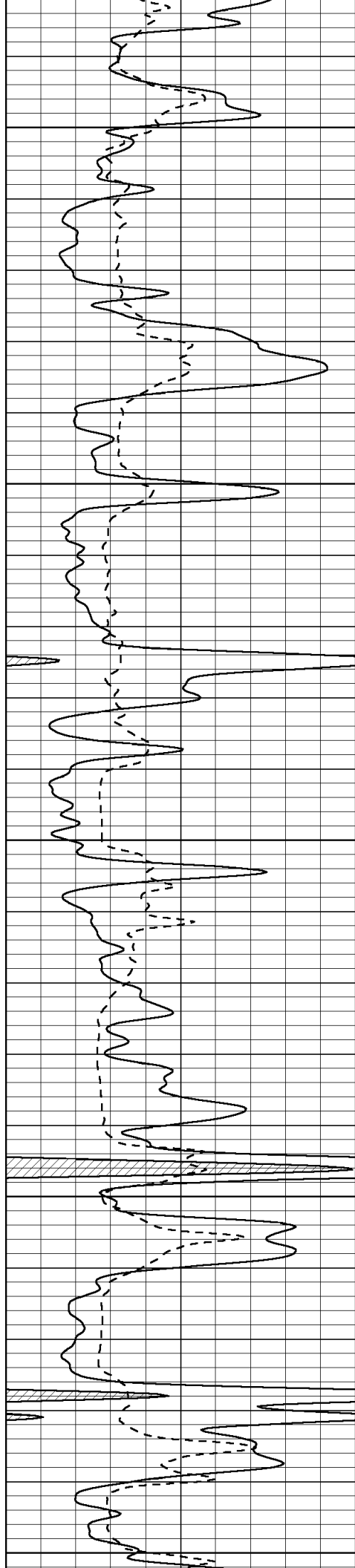
3800

3850

3900

3950





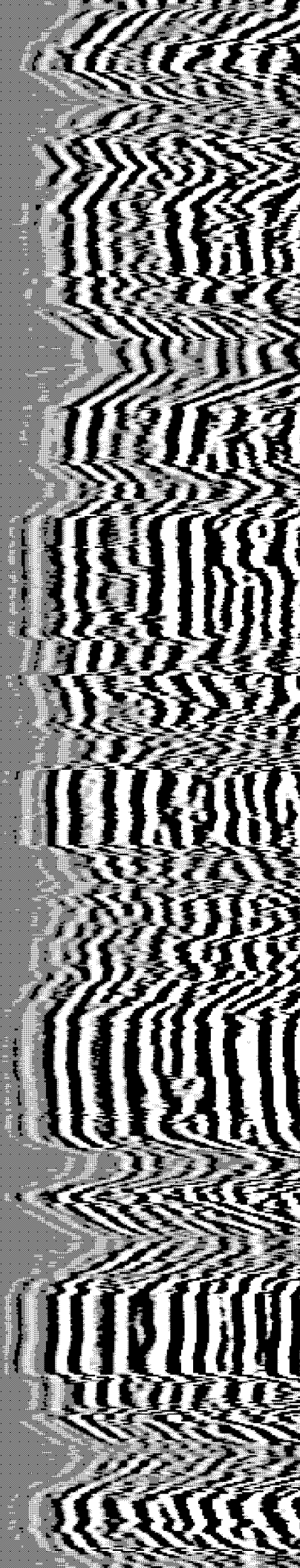
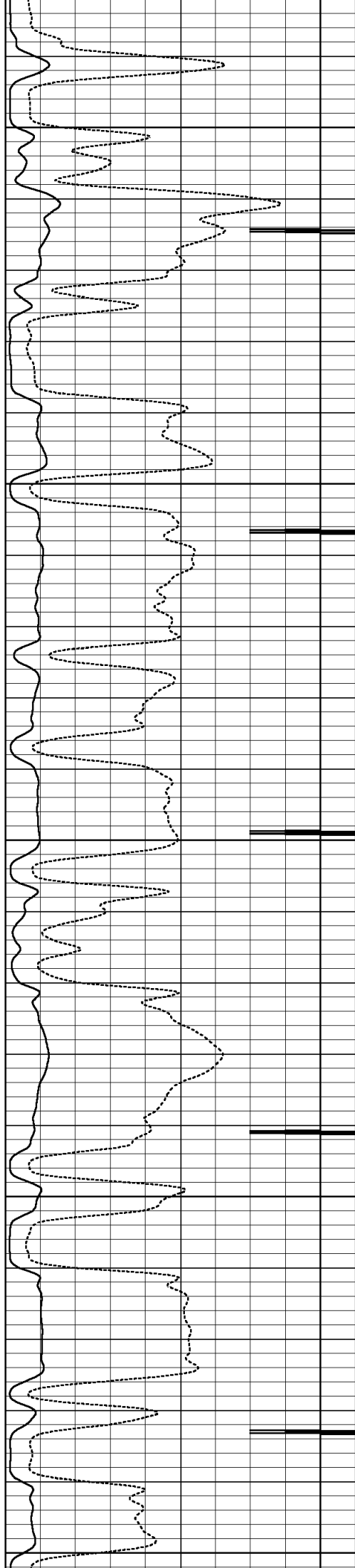
4000

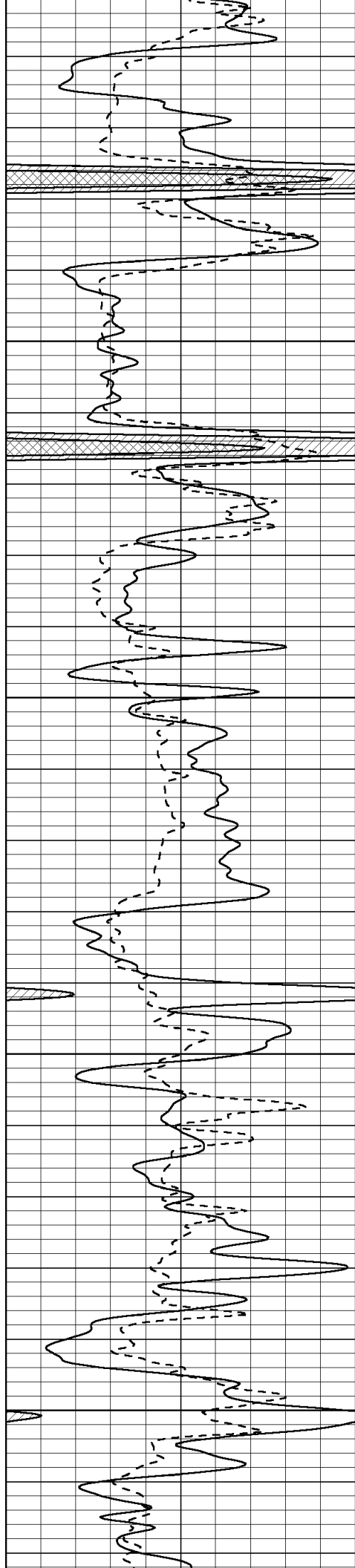
4050

4100

4150

4200



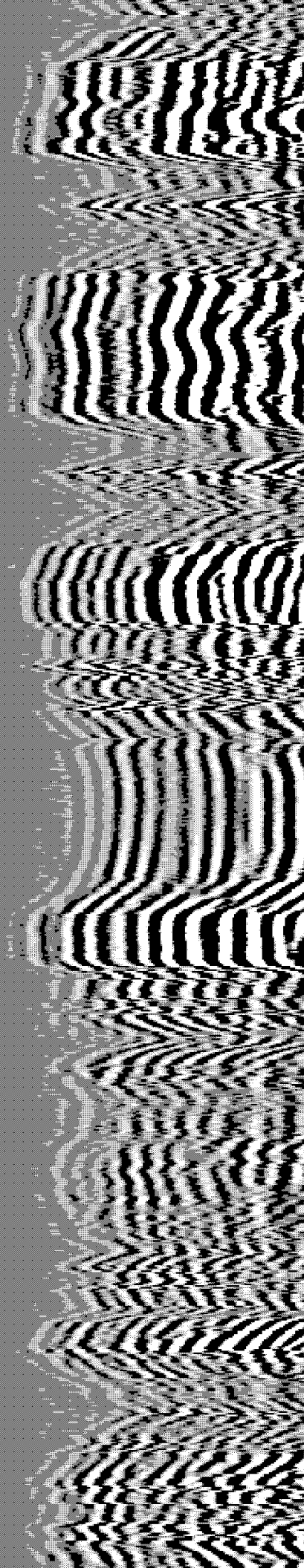
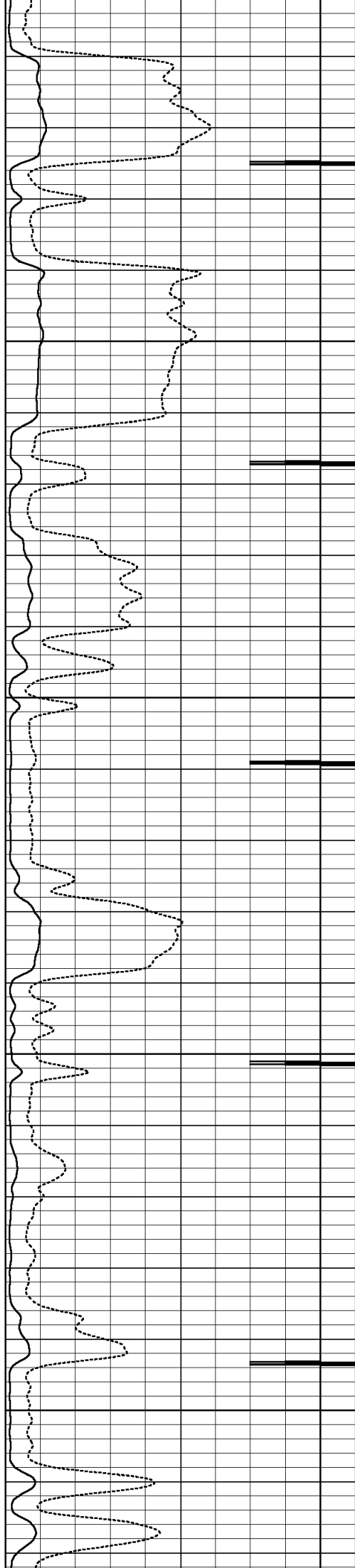


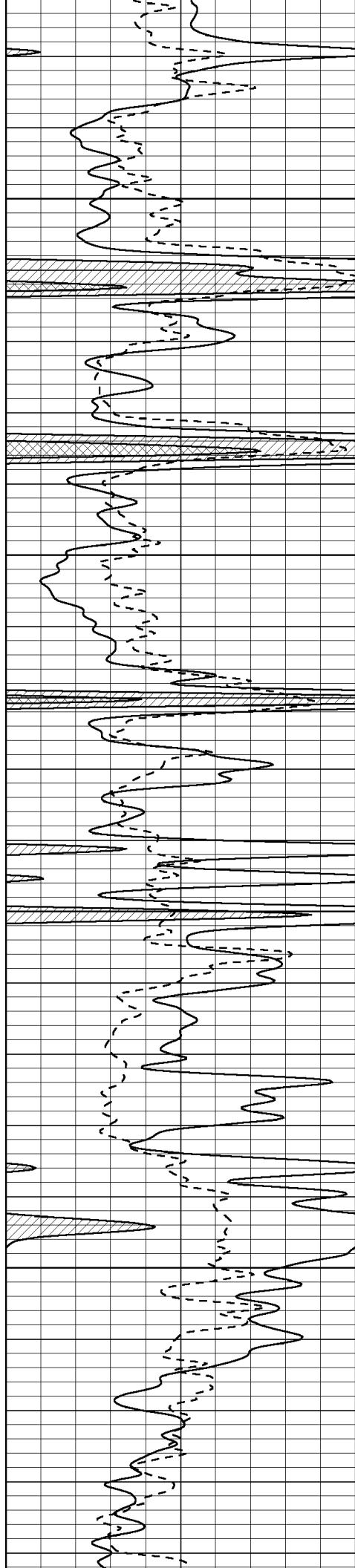
4250

4300

4350

4400





4450

4500

4550

4600

