



SUPERIOR
Hays,
Kansas

DUAL RECEIVER CEMENT BOND LOG

Company GRAND MESA OPERATING, INC.
Well KLAUS-HESS #1-33
Field WILDCAT
County GOVE
State KANSAS

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Location: API # : 15-063-21889-0000 Other Services

332' FNL & 2551' FEL

SEC 33 TWP 13S RGE 31W

Permanent Datum GROUND LEVEL Elevation 2846
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Elevation
K.B. 2851
D.F. 2849
G.L. 2846

Date 3-1-11

Run Number	ONE
Depth Driller	4570
Depth Logger	4546
Bottom Logged Interval	4544
Top Log Interval	3080
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	3510
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	220				
TWO	7 7/8	220	4570				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8		0	220
Prot. String	5 1/2		0	
Production String				
Liner				

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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 USING SUPERIOR WELL SERVICES HAYS, KS (785) 628-6395
DIRECTIONS: OAKELY, KS - 12 SOUTH TO SENECA RD.(GOVE RD.) - 5 EAST - 5 SOUTH - WEST INT



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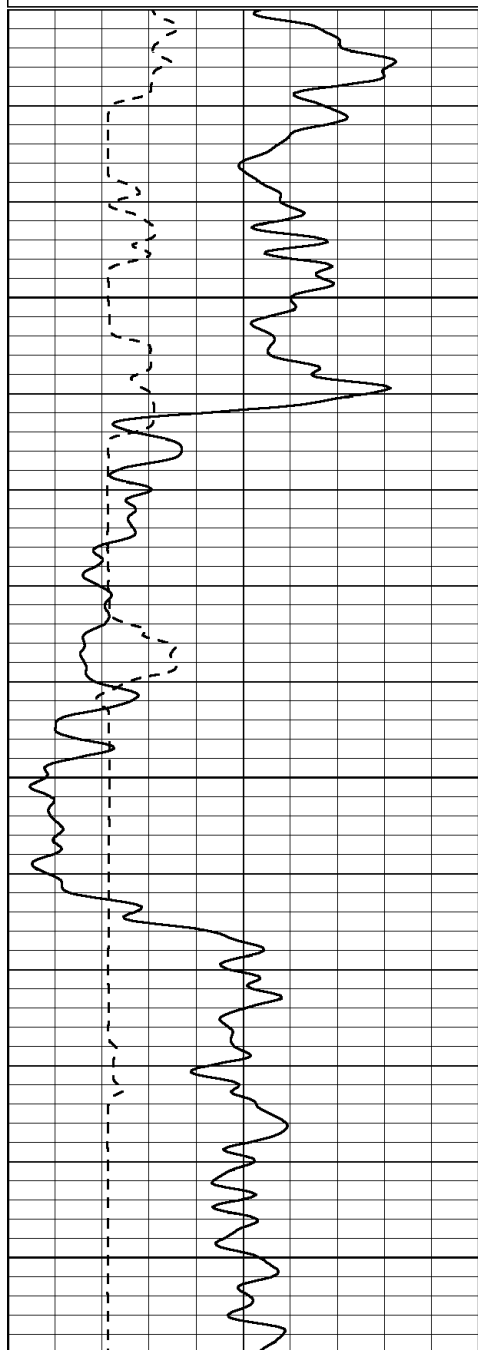
DV TOOL

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Presentation Format: dcbl02
Dataset Creation: Tue Mar 01 16:07:25 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

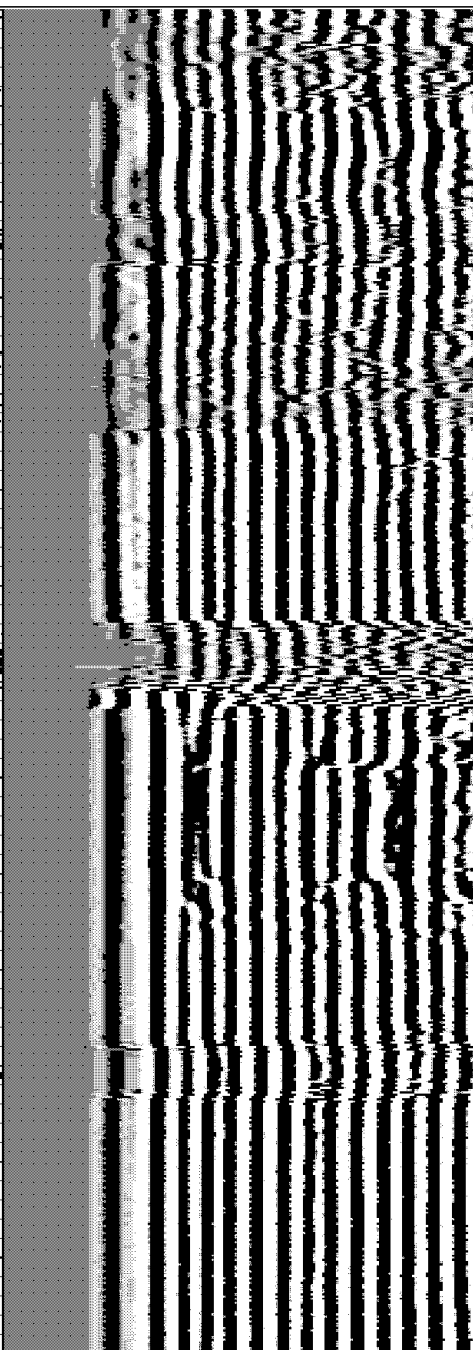
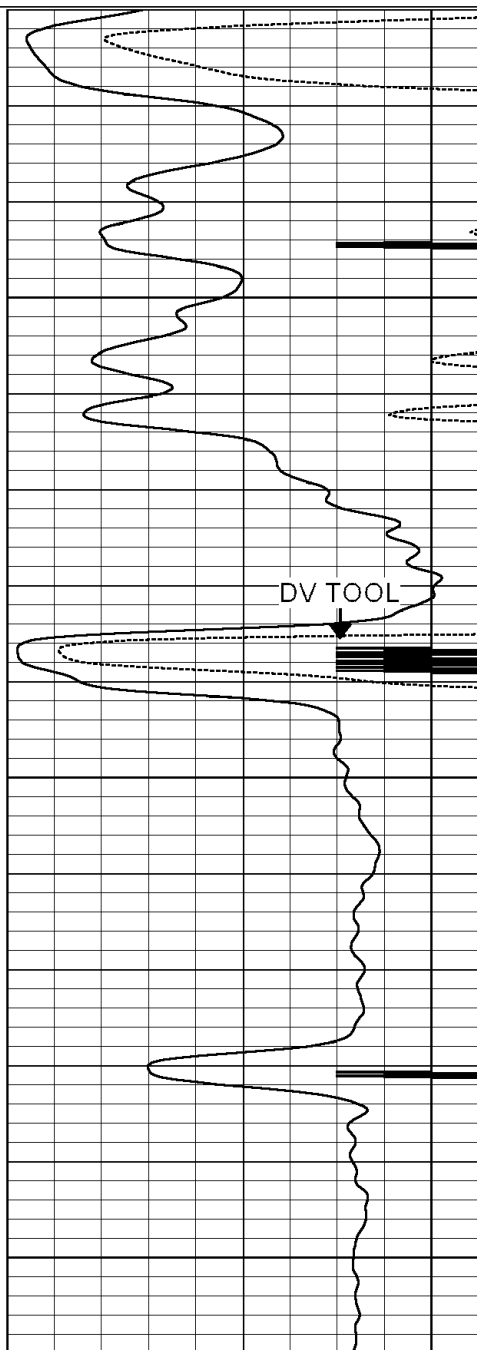
200 5FT VDL 1000



2300

2350

2400



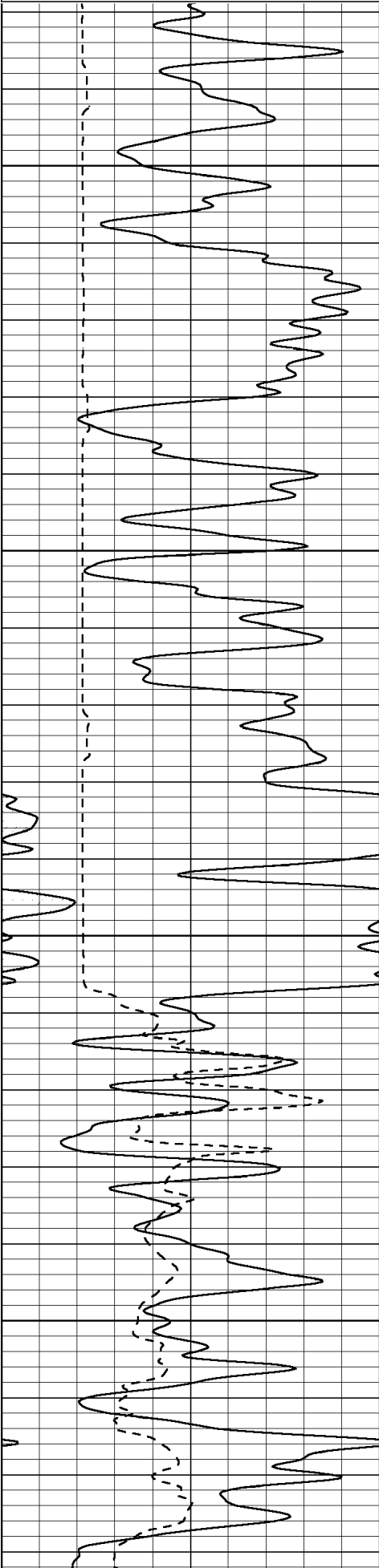
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9 CCL -1
0 Amplified Amplitude (mV) 20

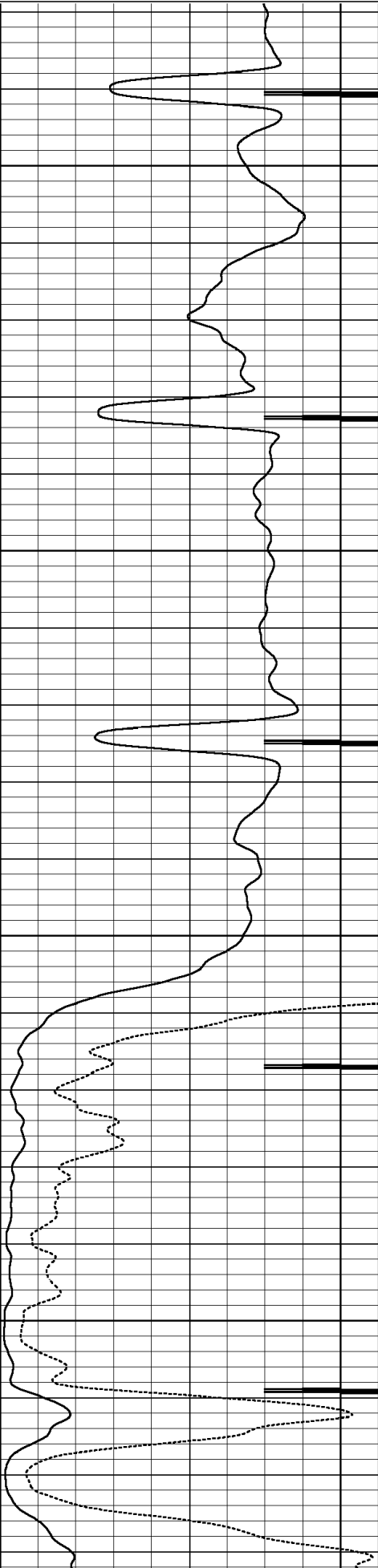
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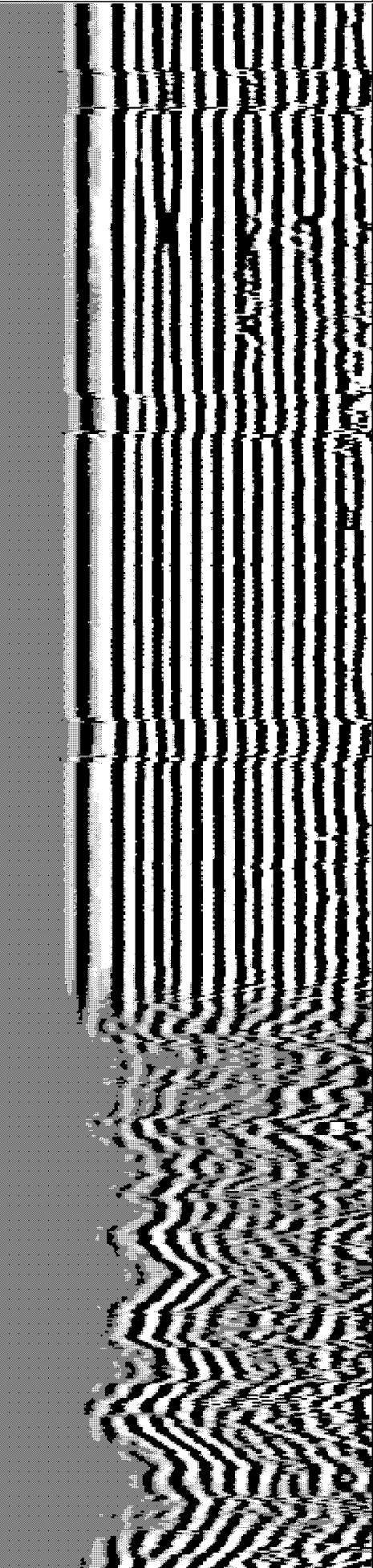
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200	5' Travel Time (usec)	1000

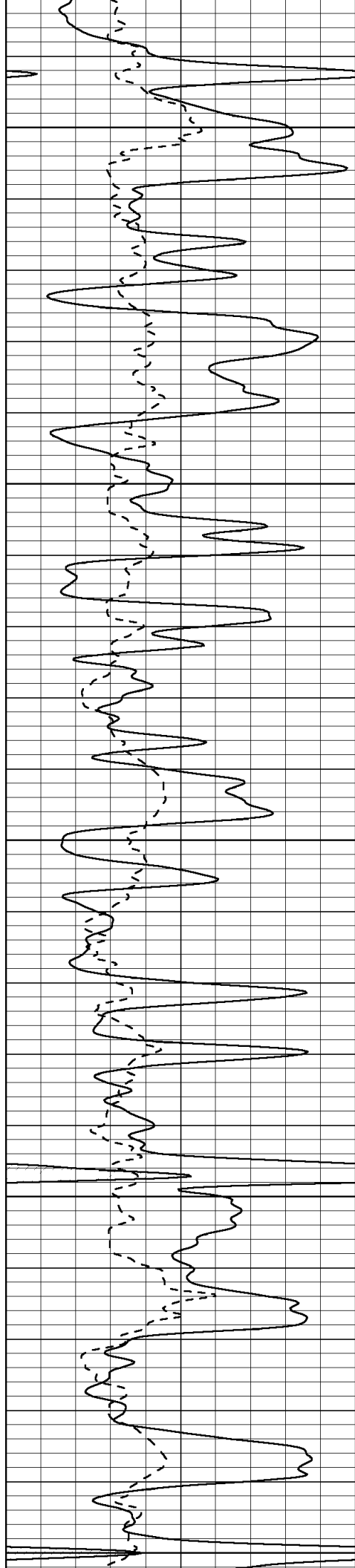


0	3' Amplitude (mV)	100
9	CCL	-1
0	Amplified Amplitude (mV)	20



200	5FT VDL	1000
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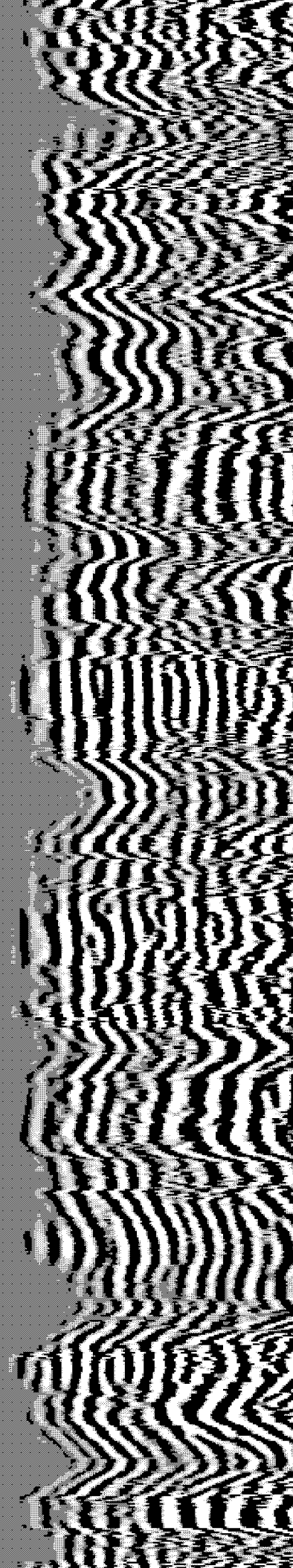
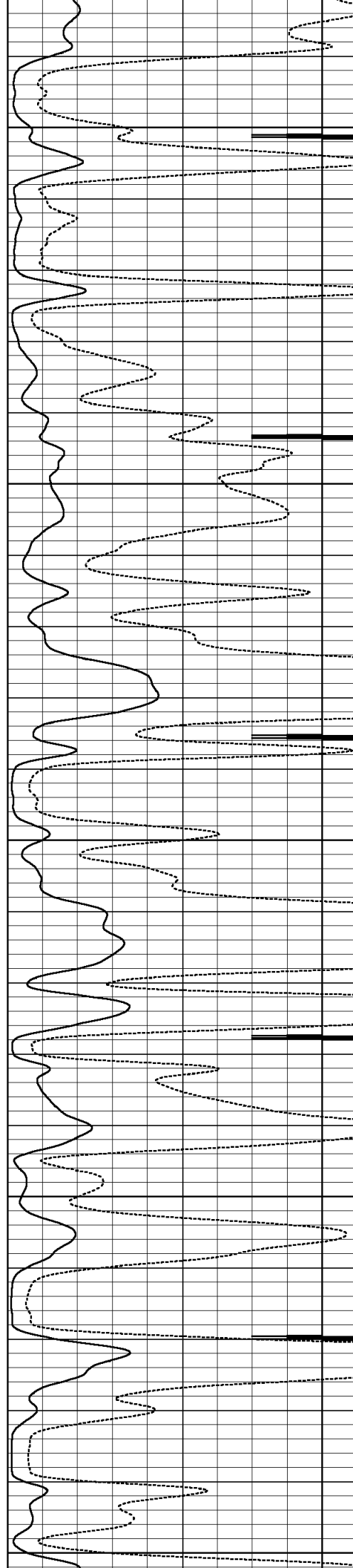
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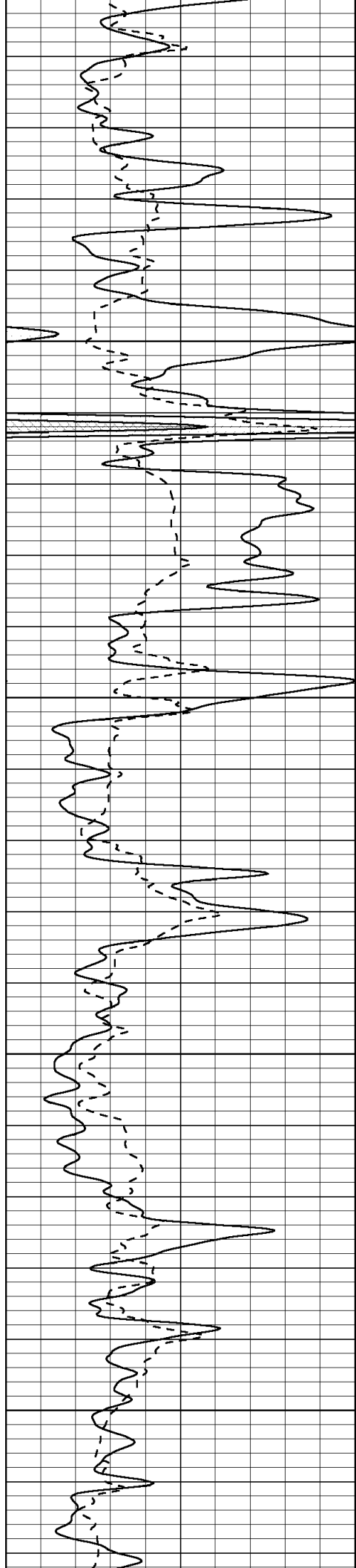
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3700

3750

3800



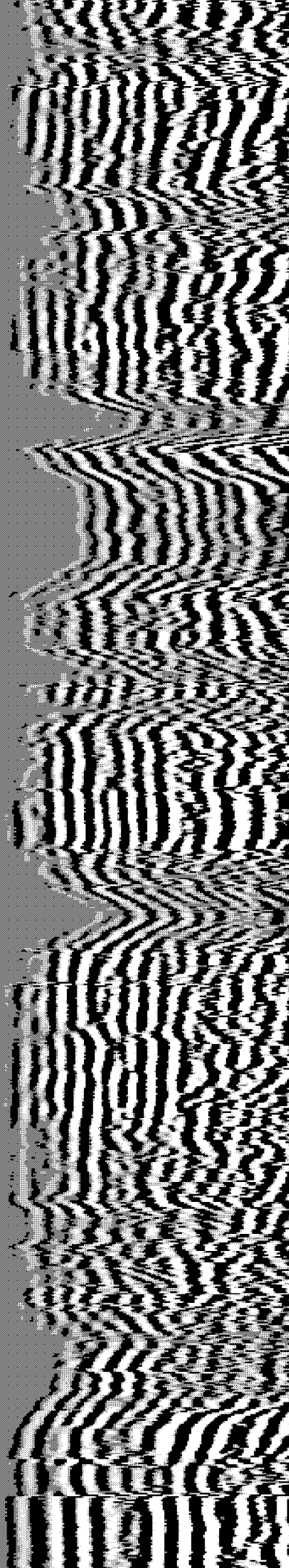
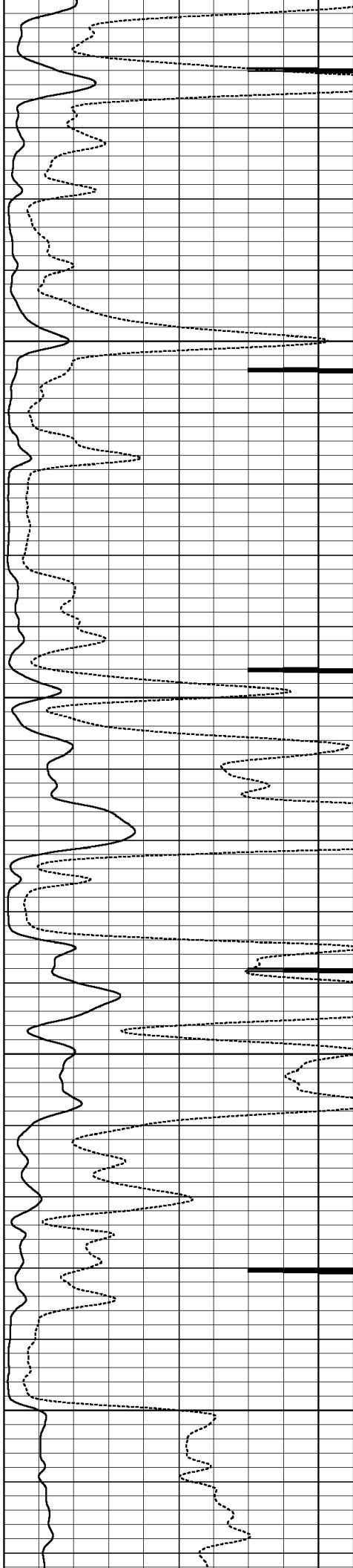


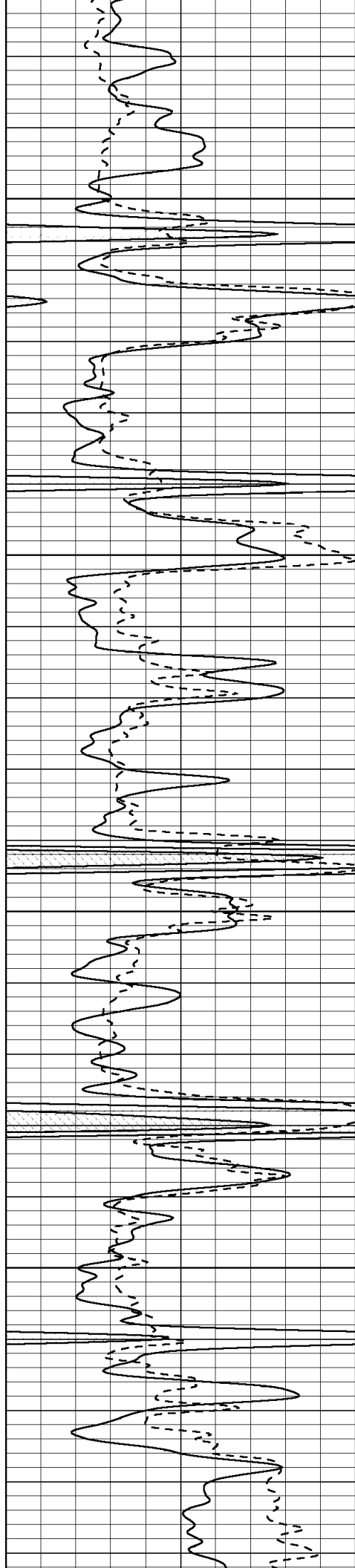
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3900

3950

4000



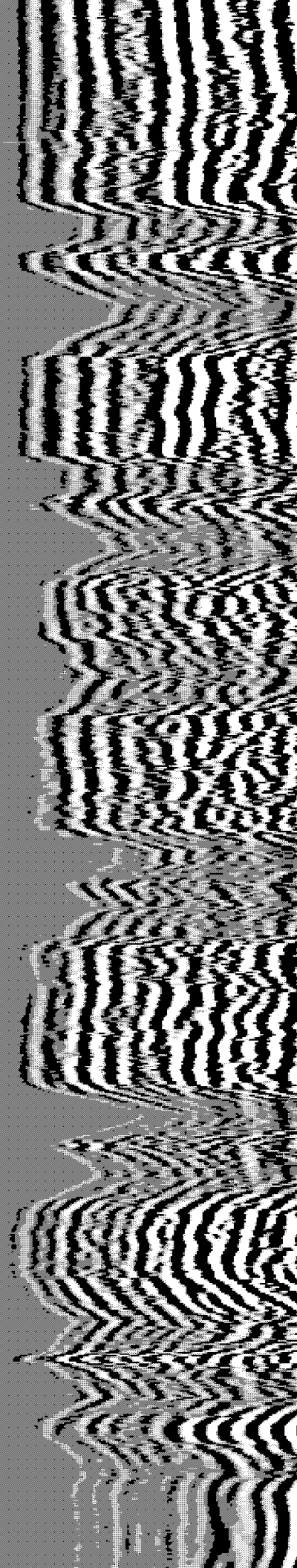
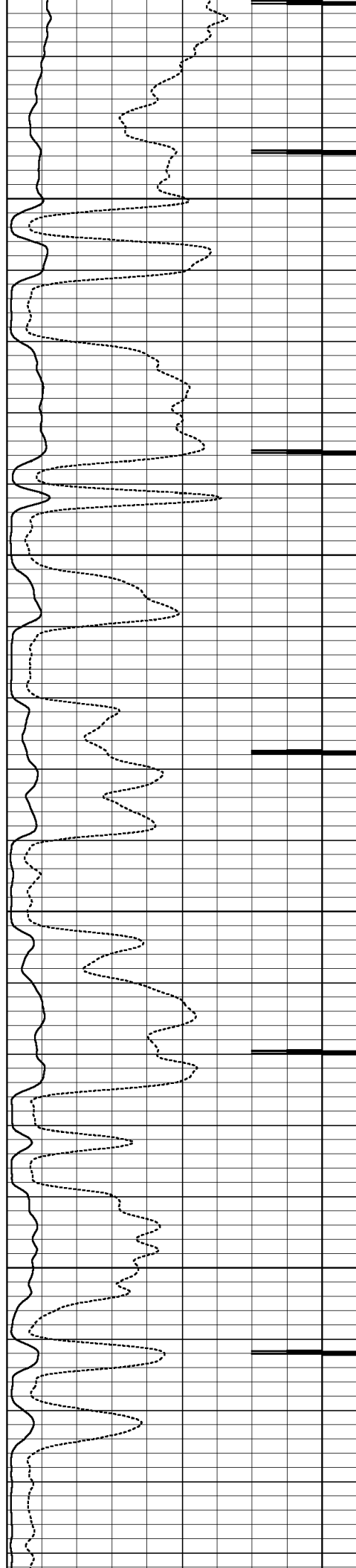


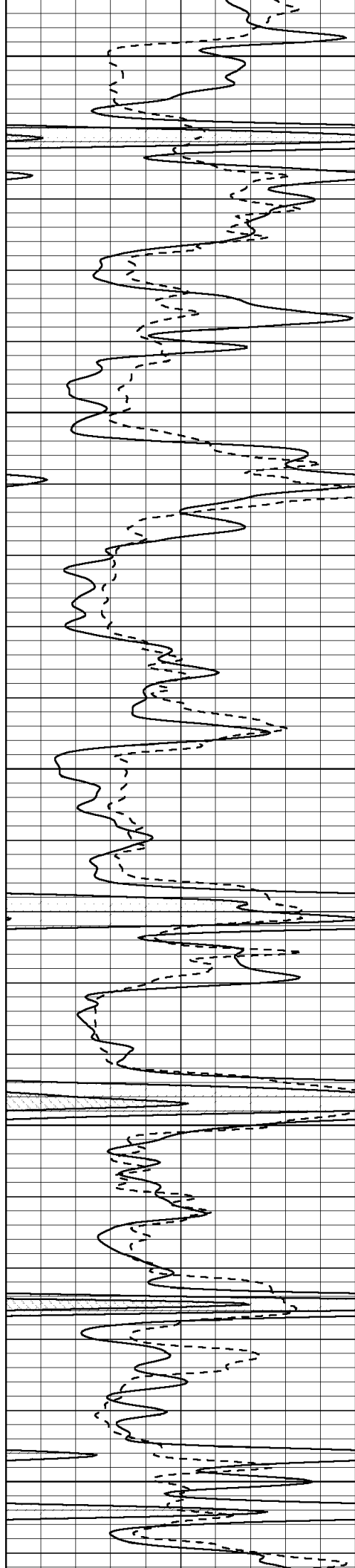
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4100

4150

4200





4250

4300

4350

4400

4450

