



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**DUAL RECEIVER
CEMENT BOND LOG**

Company	GRAND MESA OPERATING COMPANY		
Well	STOLL #1-32		
Field	WILDCAT		
County	SCOTT		
State	KANSAS	Country	USA
Location:	API # : 15-171-21097-0000		Other Services
Permanent Datum		1740' FSL & 220' FEL	Elevation
Log Measured From		NE - SE - NE - SE	
Drilling Measured From		SEC 32 TWP 16S RGE 33W	K.B. 3082 D.F. 3080 G.L. 3073
Date	11-25-14		
Run Number	ONE		
Depth Driller	4865		
Depth Logger	4621		
Bottom Logged Interval	4619		
Top Log Interval	3200		
Open Hole Size	7 7/8		
Type Fluid	WATER		
Density / Viscosity			
Max. Recorded Temp.	3316		
Estimated Cement Top			
Time Well Ready			
Time Logger on Bottom			
Equipment Number	3362		
Location	HAYS, KS		
Recorded By	JEREMY SEIB		
Witnessed By	JOHN JOHNSON		
Borehole Record			
Run Number	Bit	From	To
ONE	12 1/4	0	221
TWO	7 7/8	221	4865
Tubing Record			
Casing Record	Size	Wgt/Ft	Top
Surface String	8 5/8		0
Prot. String			
Production String	5 1/2		0
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 NABORS COMPLETION & PRODUCTION SERVICES, HAYS, KS (785) 628-6395
DIRECTIONS: JCT OF HWY 83 & HWY 4 - 4 MILES WEST TO HERFORD RD. - 1 1/2 MILES NORTH - WEST INTO

Database File:

26367.db

Dataset Pathname:

pass3.1

Presentation Format:

dcbl02

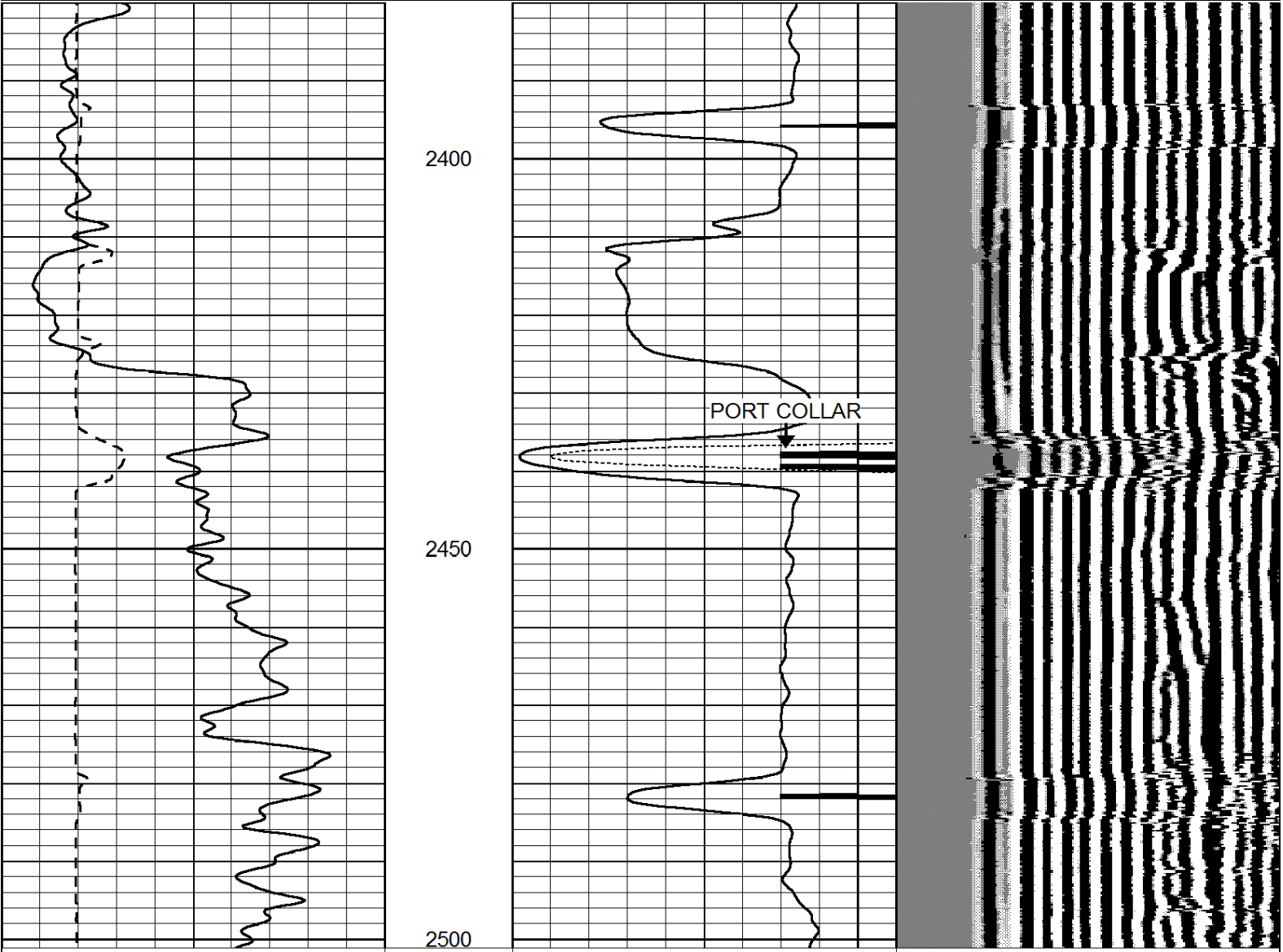
Dataset Creation:

Tue Nov 25 11:24:14 2014

Charted by:

Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	0	3' Amplitude (mV)	100	200	5FT VDL	1000
200	5' Travel Time (usec)	1000	9	CCL	-1			
			0	Amplified Amplitude (mV)	20			



0	Gamma Ray (GAPI)	150	0	3' Amplitude (mV)	100	200	5FT VDL	1000
200	5' Travel Time (usec)	1000	9	CCL	-1			
			0	Amplified Amplitude (mV)	20			

Database File:

26367.db

Dataset Pathname:

pass2.6

Presentation Format:

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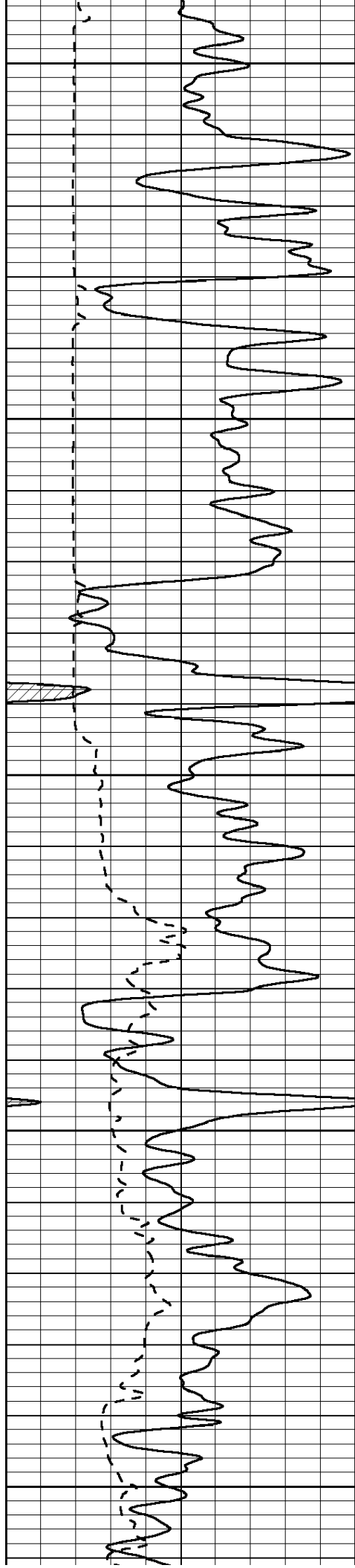
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Charted by:

Depth in Feet scaled 1:240

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200	5' Travel Time (usec)	1000	9	CCL	-1			
			0	Amplified Amplitude (mV)	20			



3200

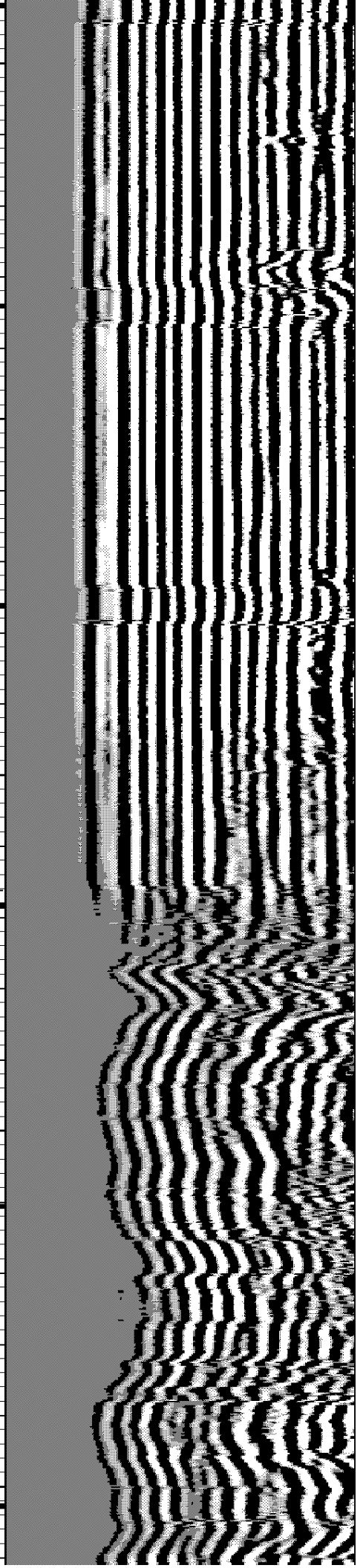
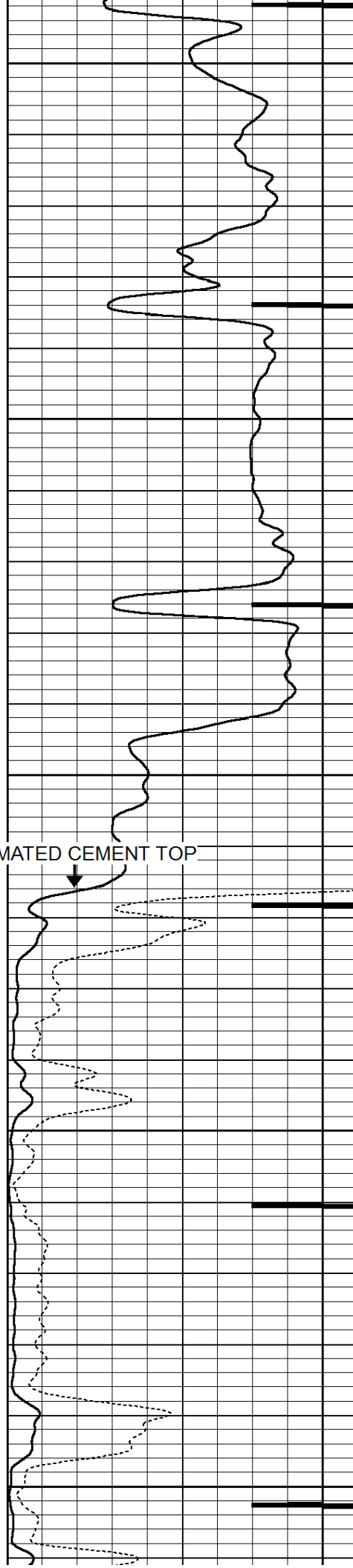
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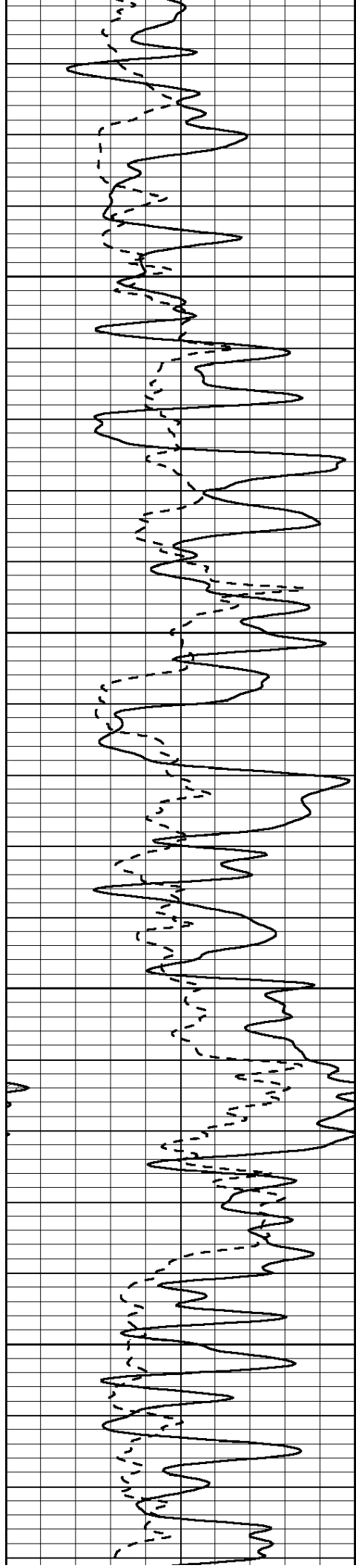
3300

ESTIMATED CEMENT TOP

3350

3400



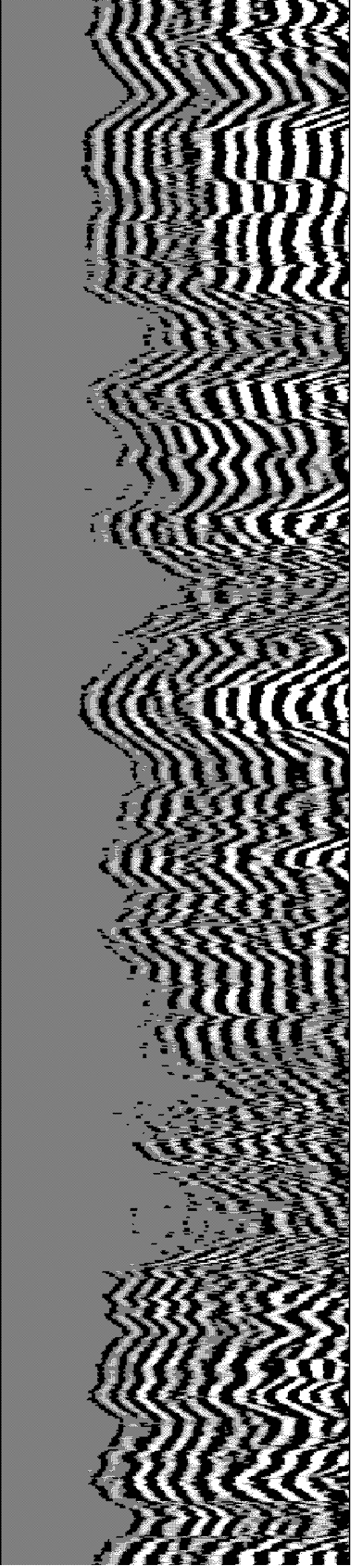
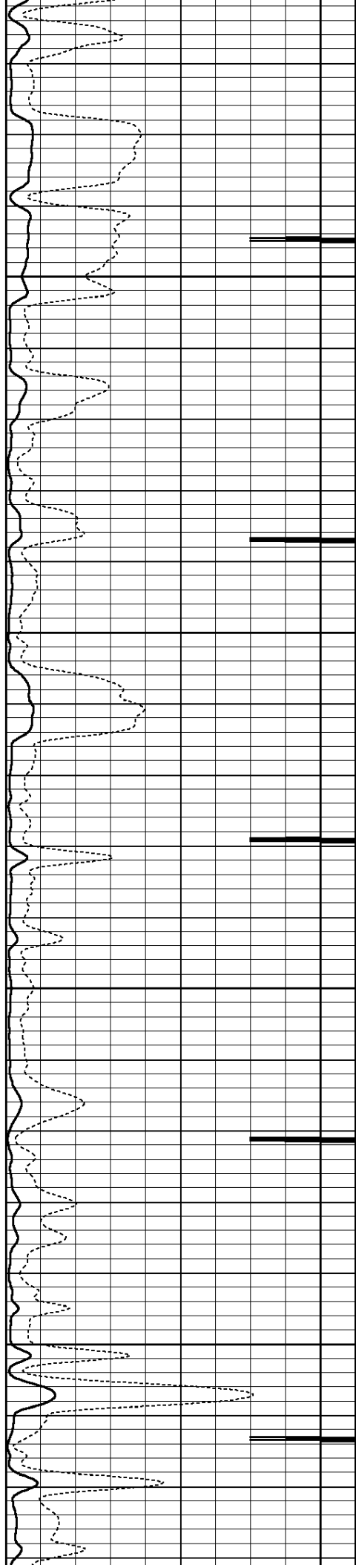


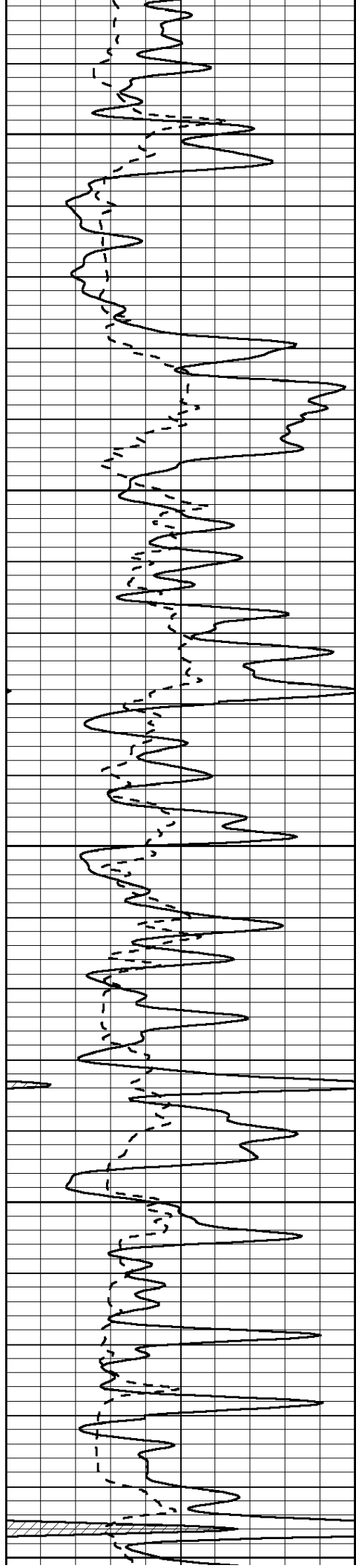
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3500

3550

3600





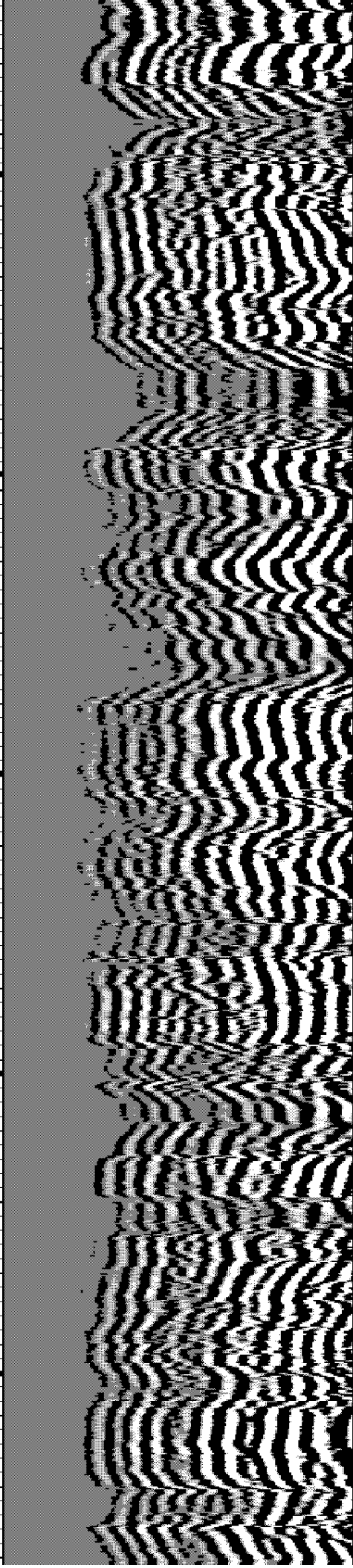
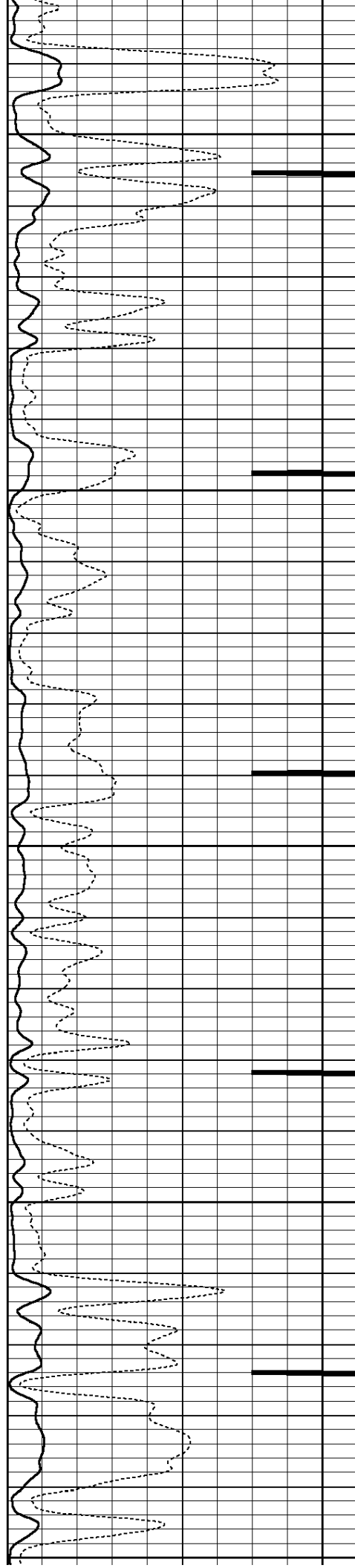
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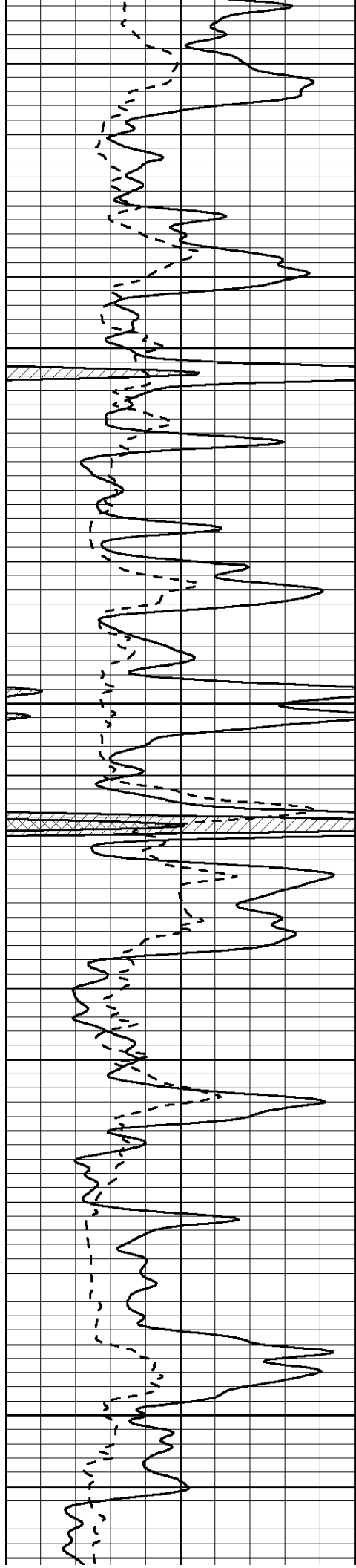
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3750

3800

3850



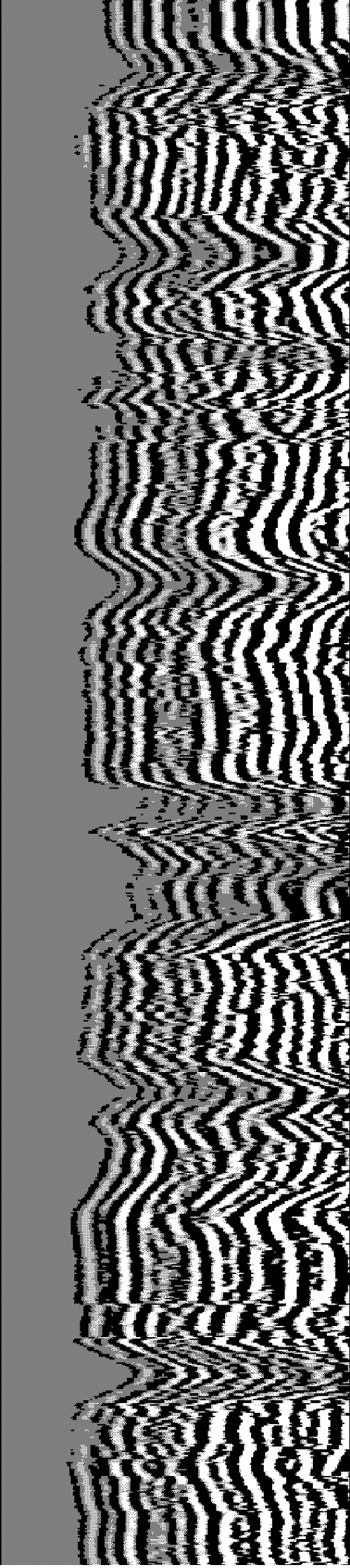
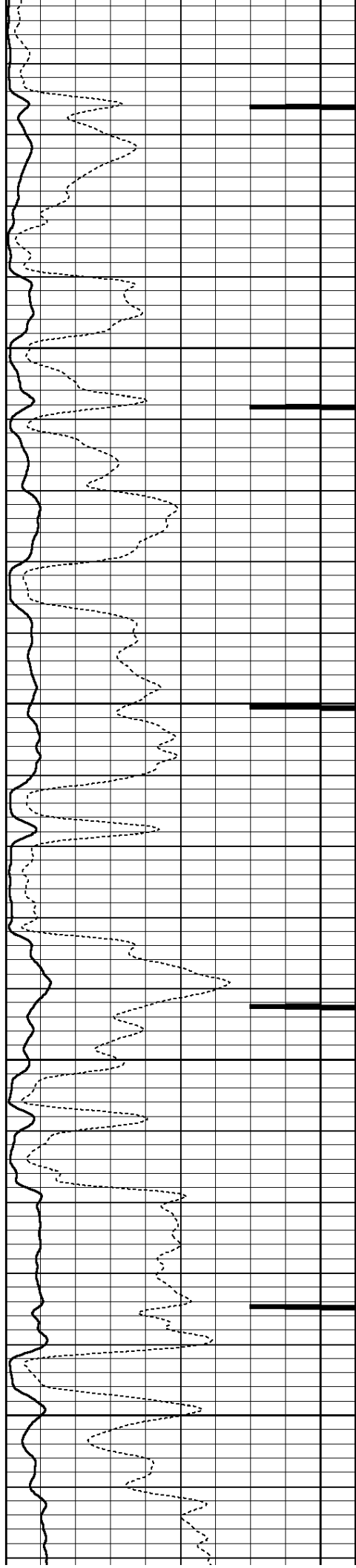


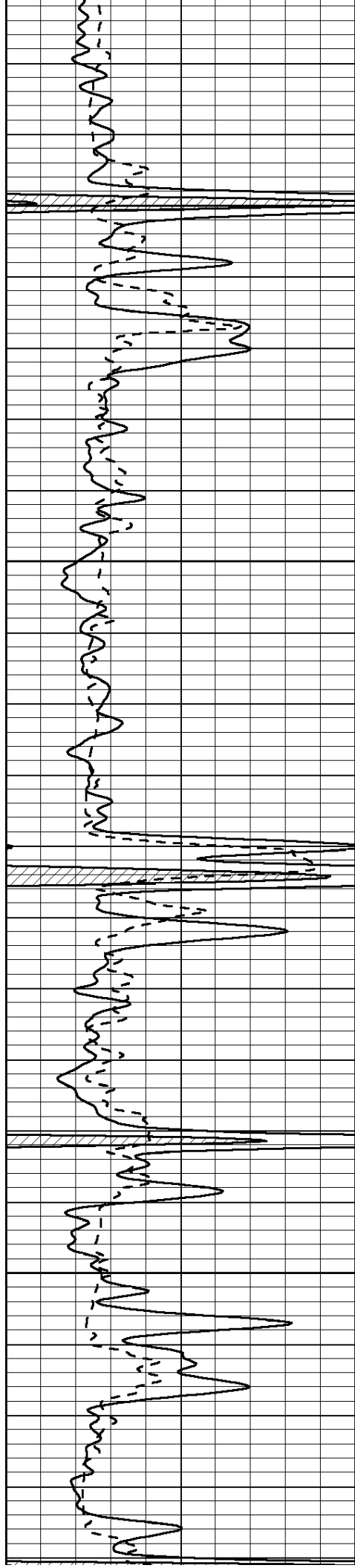
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3950

4000

4050



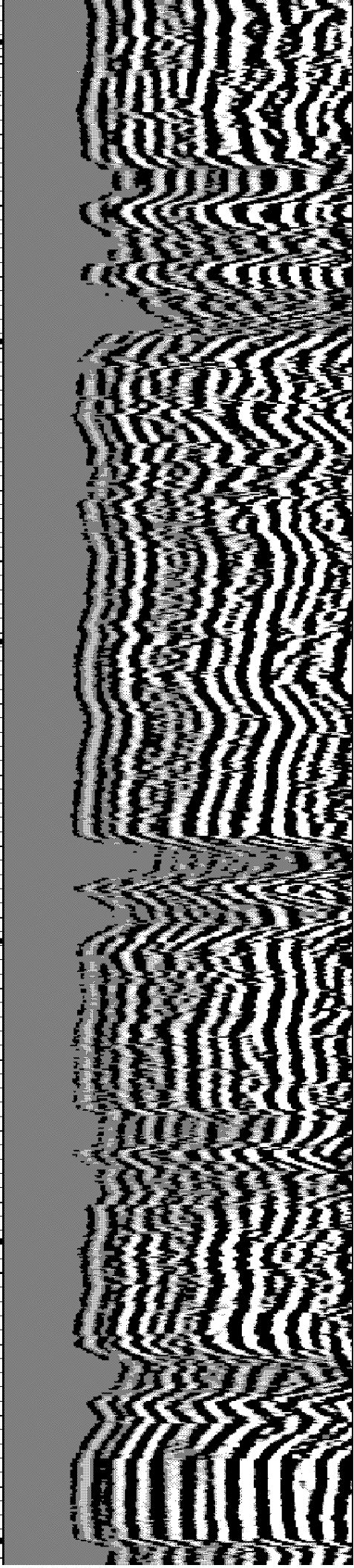
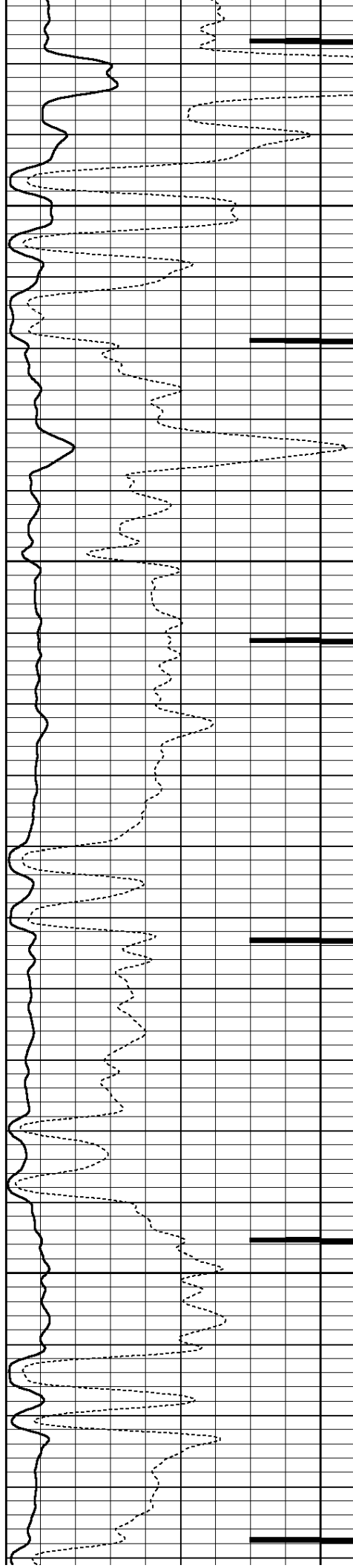


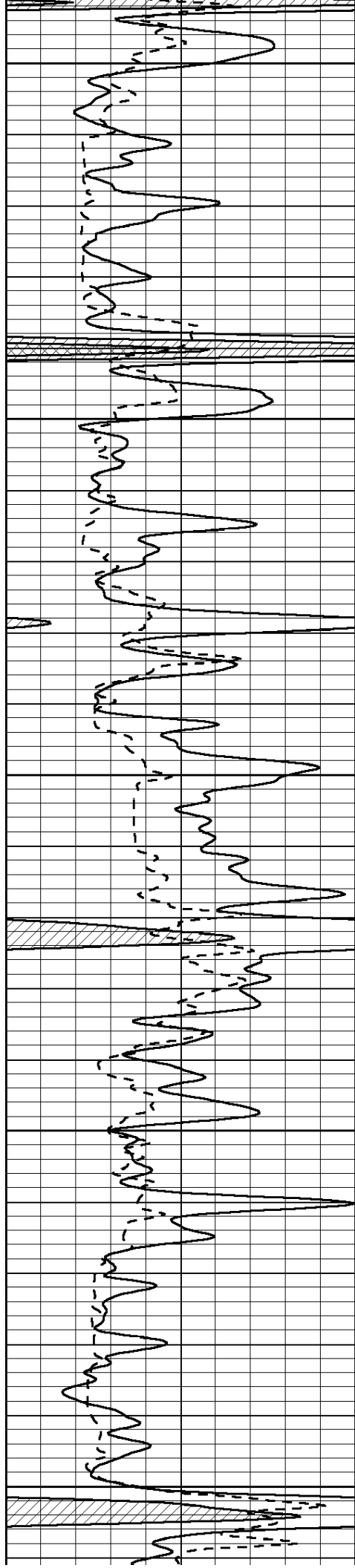
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4150

4200

4250





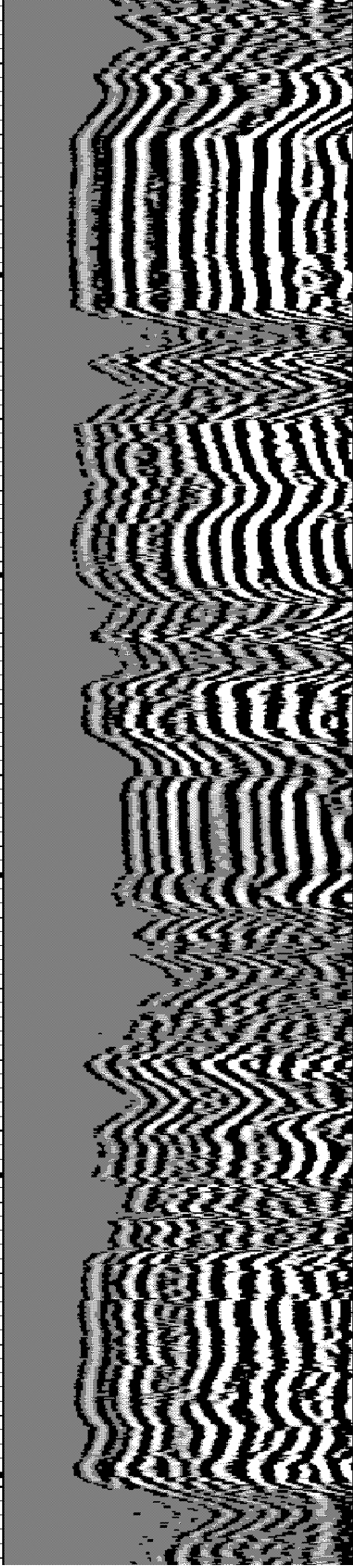
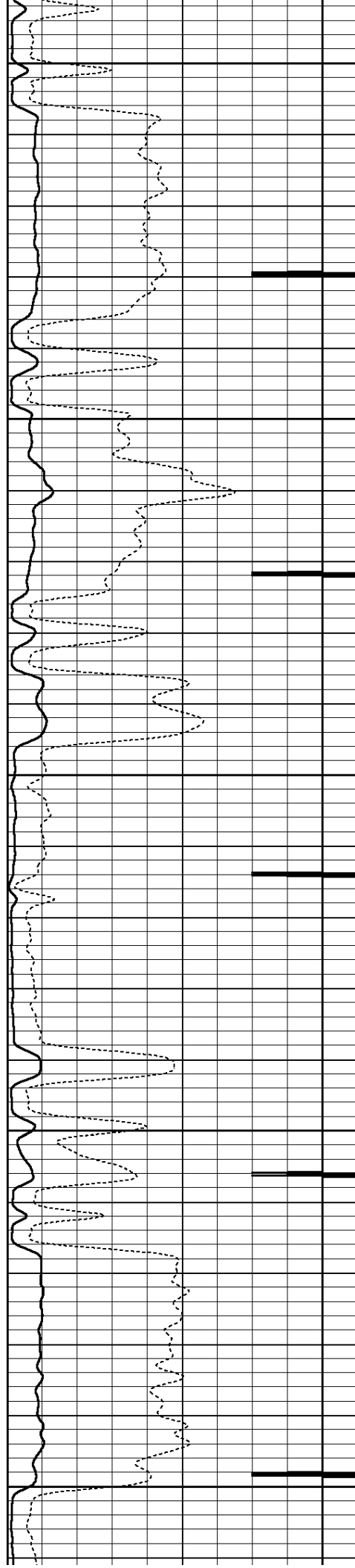
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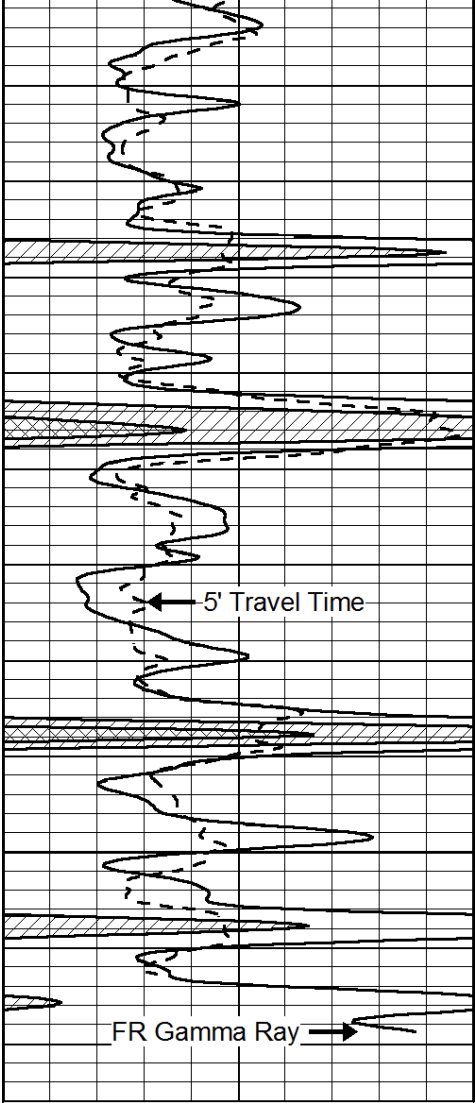
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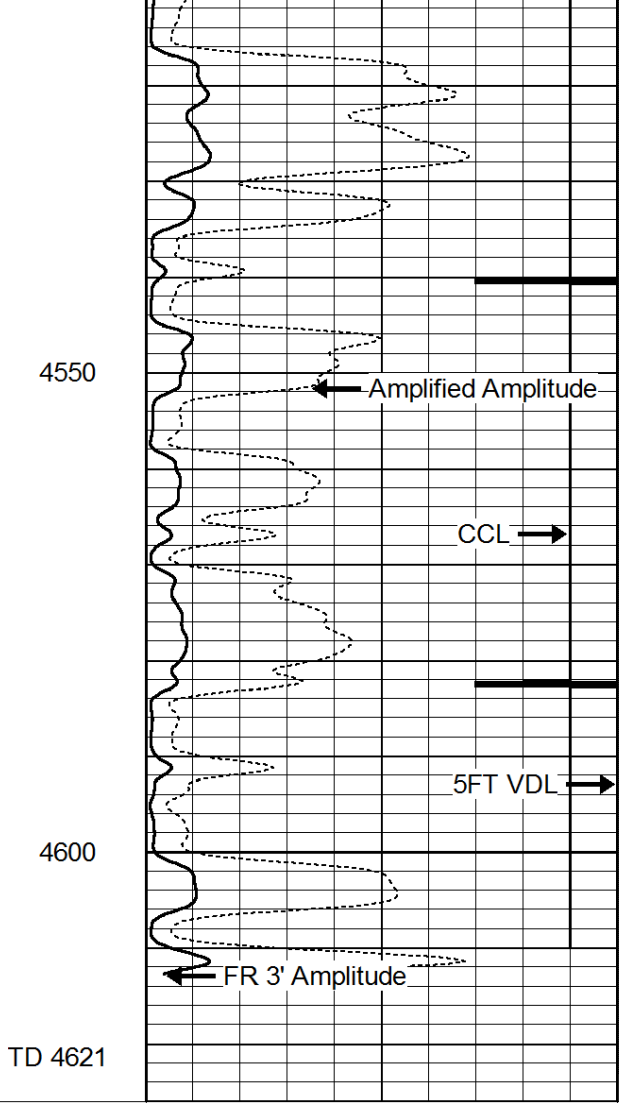
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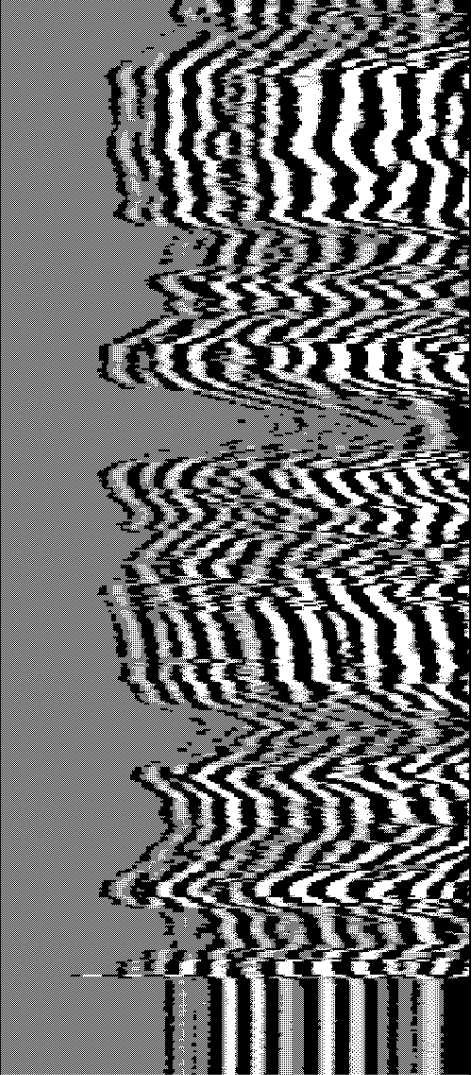




0	Gamma Ray (GAPI)	150
200	5' Travel Time (usec)	1000



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



200	5FT VDL	1000
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