



DUAL RECEIVER CEMENT BOND LOG

Company	R.F. HEMBREE OIL, LLC.						
Well	SCHWARTZKOPF #3						
Field	NESS						
County	KANSAS						
State	Country U.S.A.						
Location:	API # : 15-135-25995-0000						
Permanent Datum	1160' FNL & 735' FWL						
Log Measured From	SW - SE - NW - NW						
Drilling Measured From	SEC 35 TWP 18S RGE 24W						
	GROUND LEVEL Elevation 2290						
	KELLY BUSHING 7' A.G.L.						
	KELLY BUSHING						
	Elevation						
	K.B. 2297						
	D.F. 2295						
	G.L. 2290						
Date	4-11-18						
Run Number	ONE						
Depth Driller	4327						
Depth Logger	4279						
Bottom Logged Interval	4277						
Top Log Interval	3150						
Open Hole Size	WATER						
Type Fluid							
Density / Viscosity							
Max. Recorded Temp.	3272						
Estimated Cement Top							
Time Well Ready							
Time Logger on Bottom							
Equipment Number	3362						
Location	HAYS, KANSAS						
Recorded By	JEREMY SEIB						
Witnessed By	P-MAST						
Run Number	Borehole Record						
1	Bit	From	To	Size	Weight	From	To
2	7 7/8"	216	4327				
Casing Record	Size	Wgt/Ft	Top	Bottom			
Surface String	8 5/8"		0	216			
Prot. String	5.5"		0	4321			
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 E.L.I. WIRELINE SERVICES HAYS, KANSAS (785)628-6395
DIRECTIONS: NESS CITY, KANSAS - 2 MILES WEST - 1/8 MILE SOUTH - EAST INTO



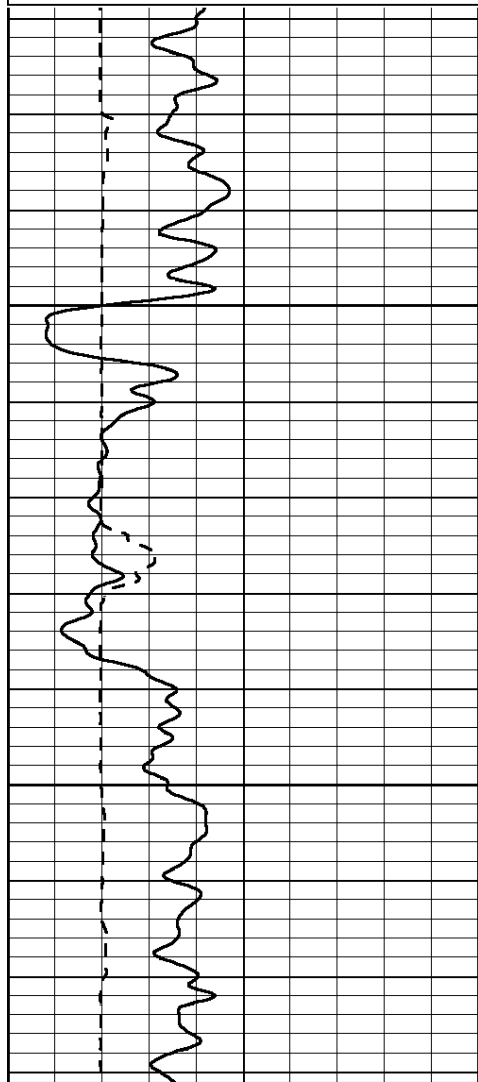
PORT COLLAR @ 1575

Database File: 2580.db
Dataset Pathname: pass3
Presentation Format: dcbl02
Dataset Creation: Wed Apr 11 15:08:41 2018
Charted by: Depth in Feet scaled 1:240

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

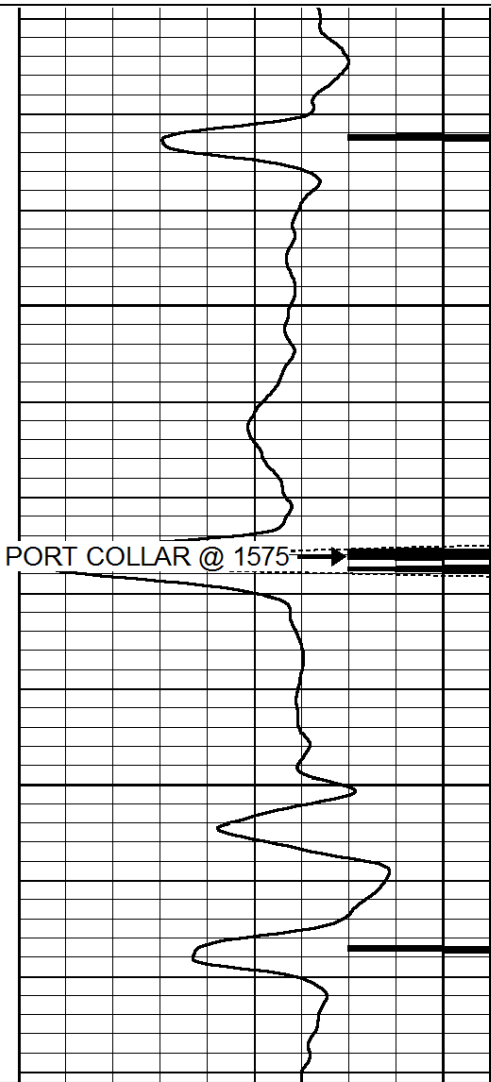
0	3' Amplitude (mV)	100
9	CCL	-1
0	Amplified Amplitude (mV)	20

200	5FT VDL	1000
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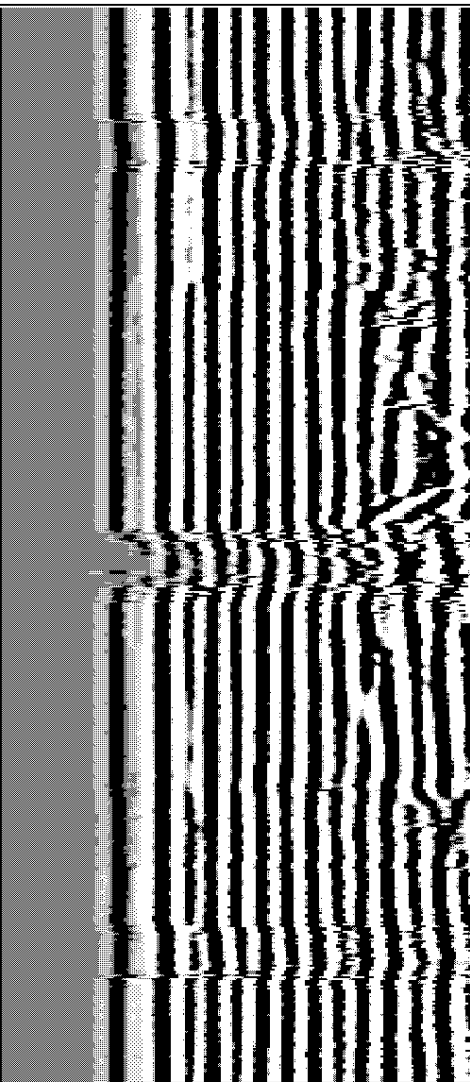


1550

1600



PORT COLLAR @ 1575



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

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

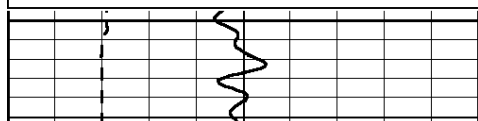
200	5FT VDL	1000
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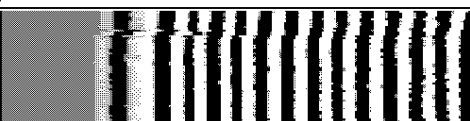
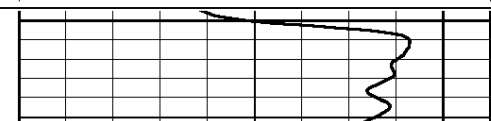
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200	5' Travel Time (usec)	1000

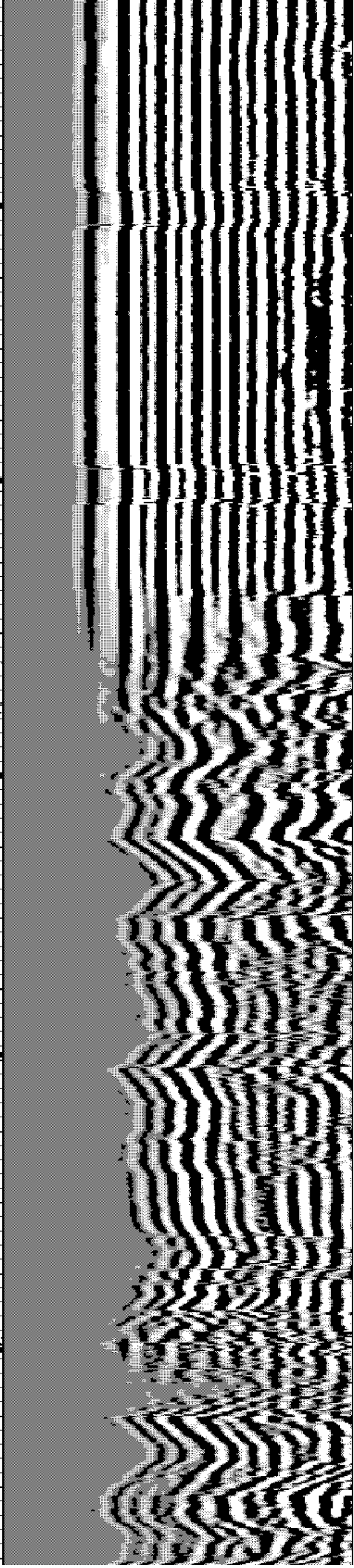
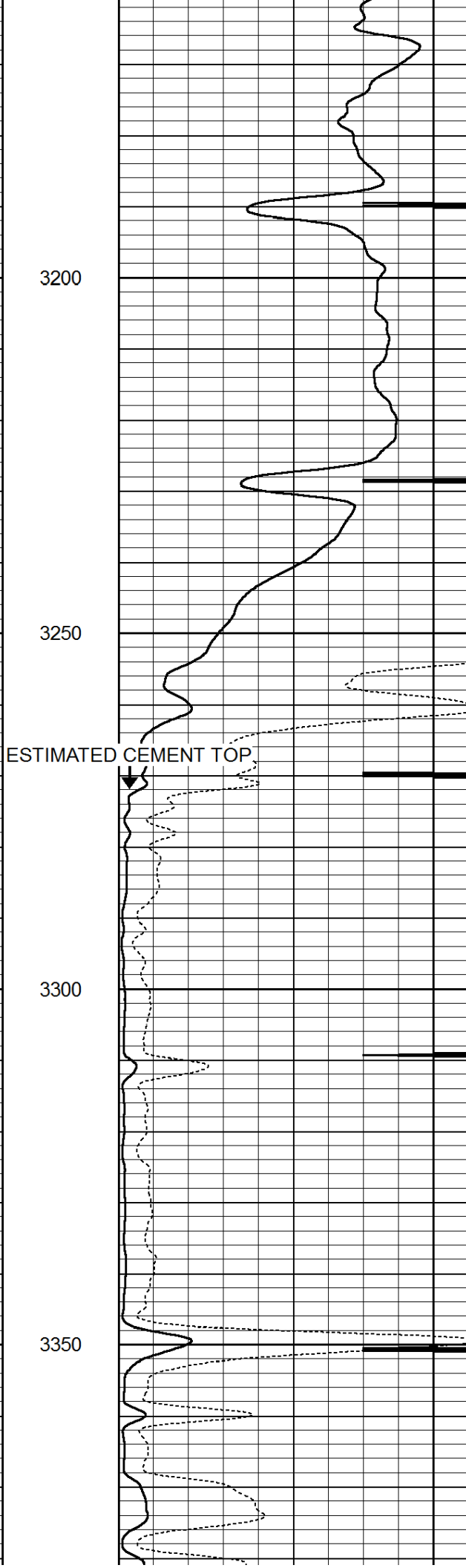
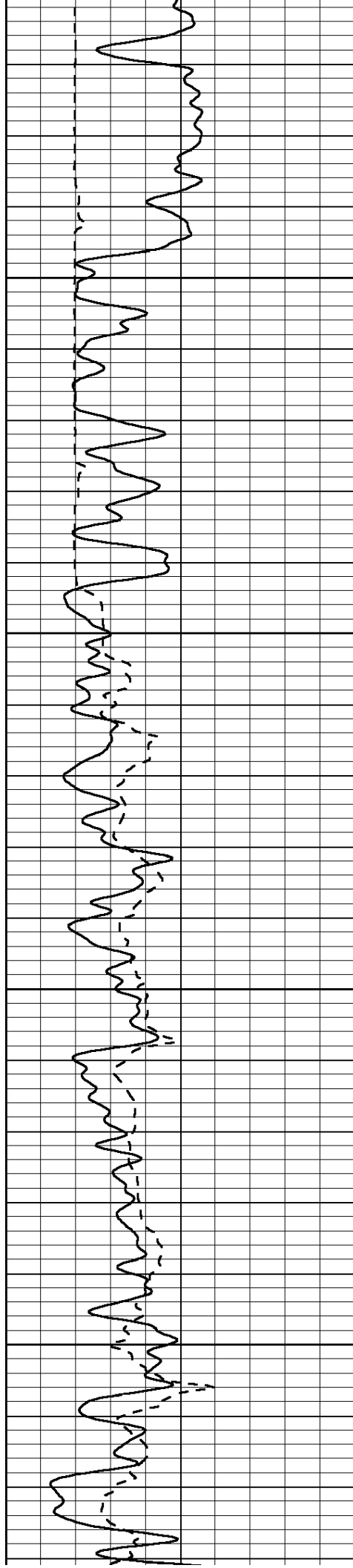
0	3' Amplitude (mV)	100
9	CCL	-1
0	Amplified Amplitude (mV)	20

200	5FT VDL	1000
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3150







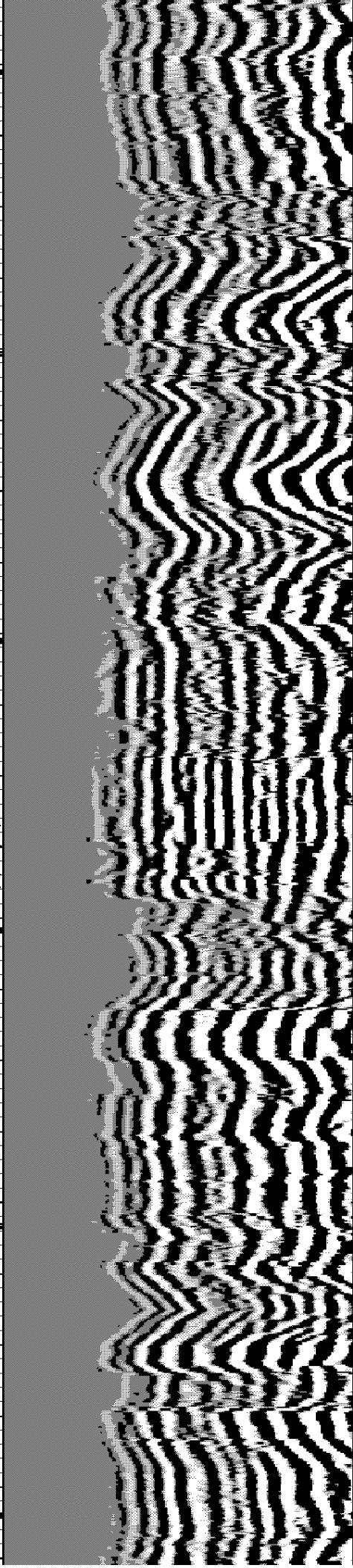
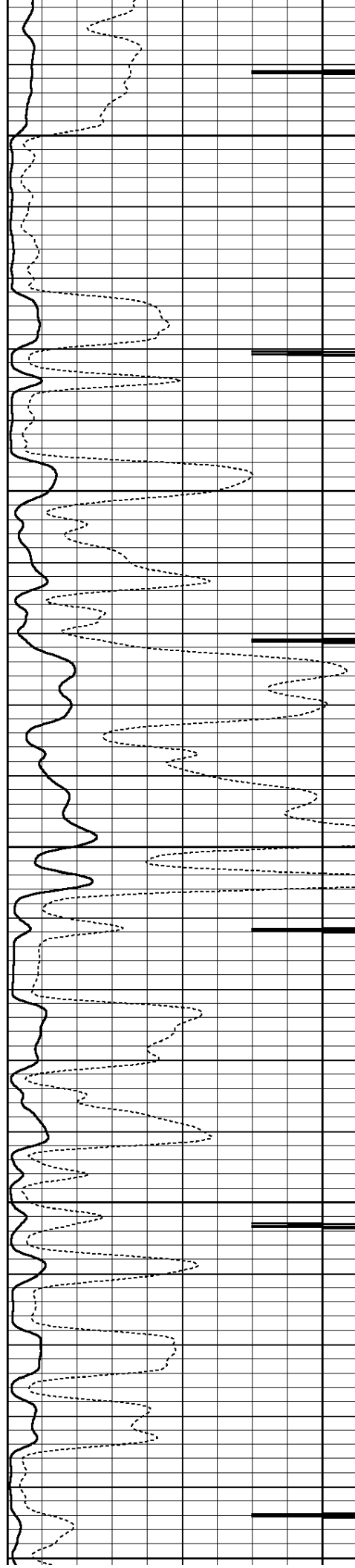
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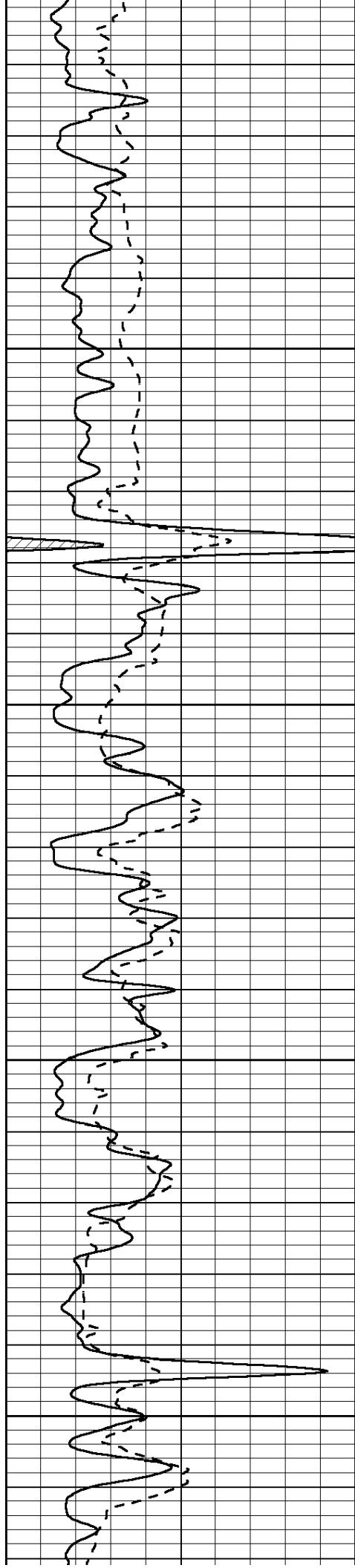
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3500

3550

3600



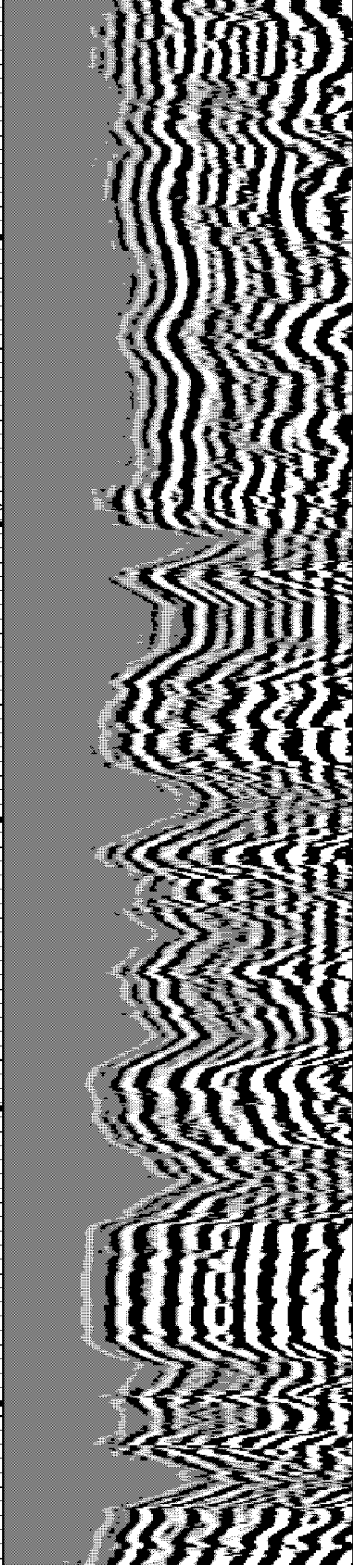
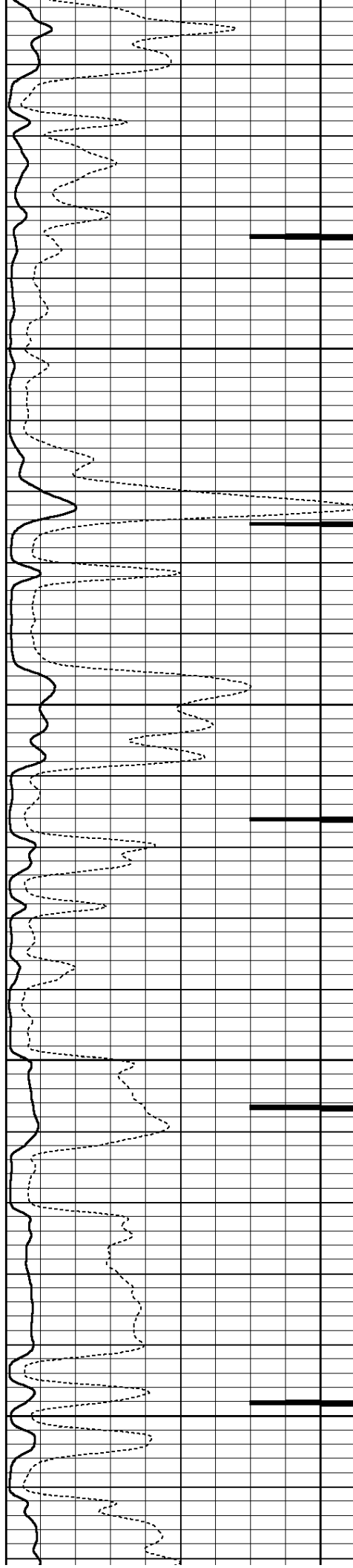


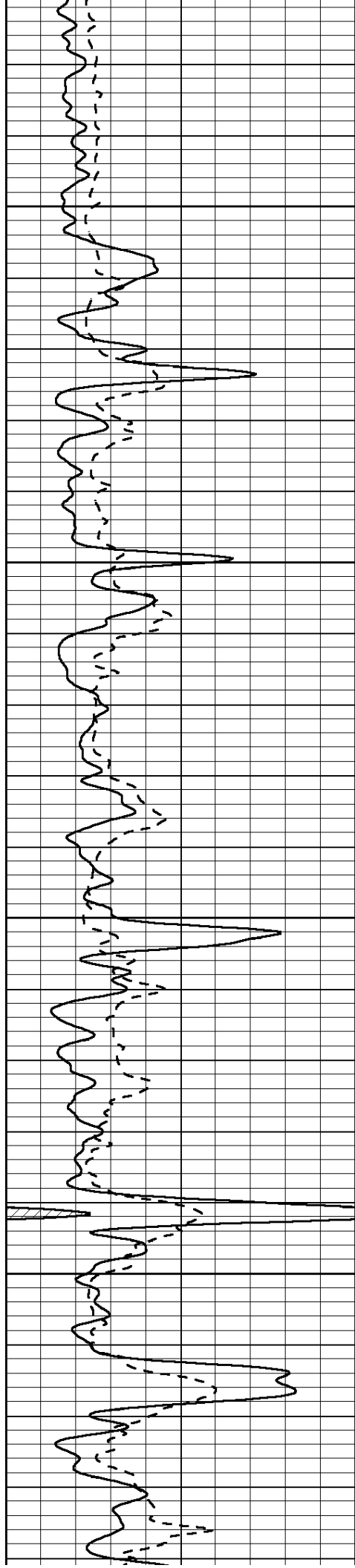
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3700

3750

3800



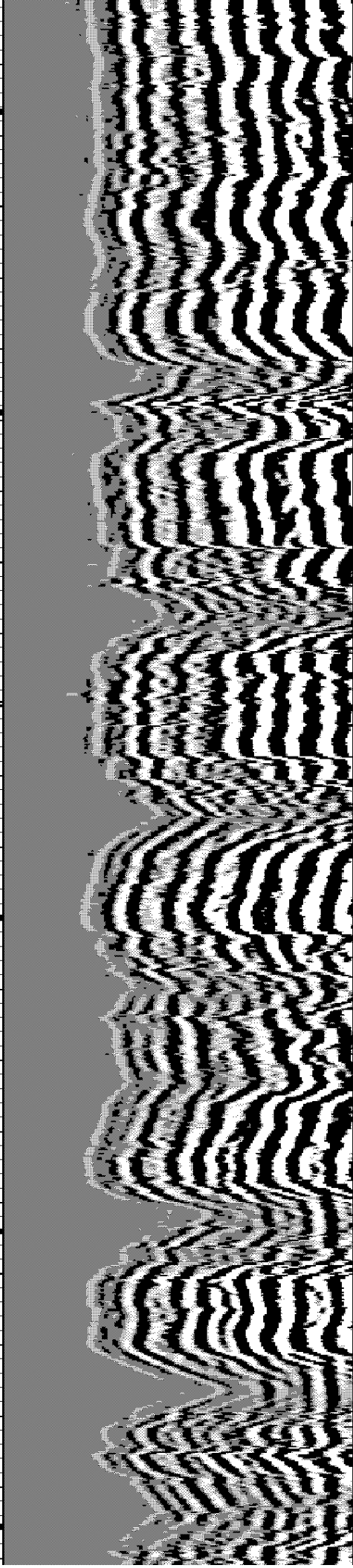
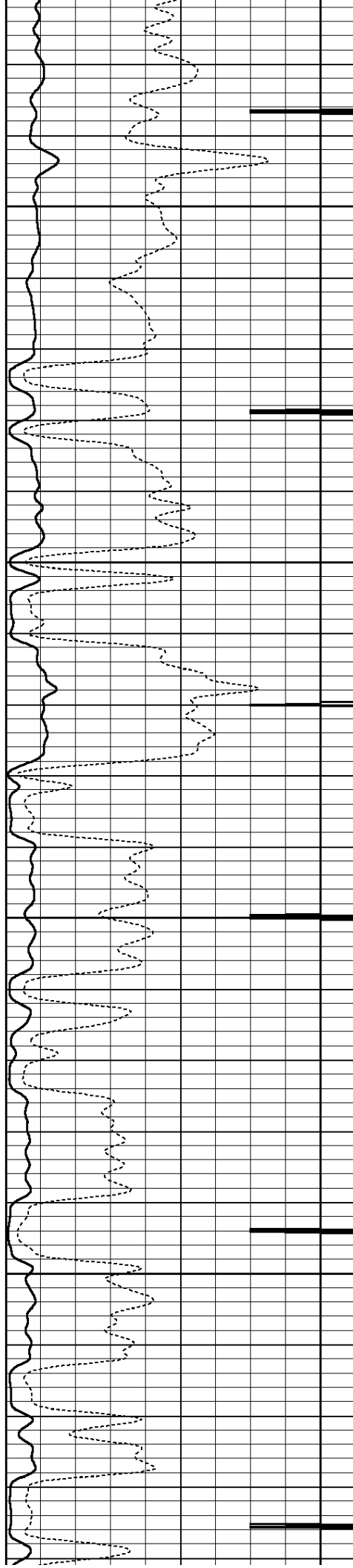


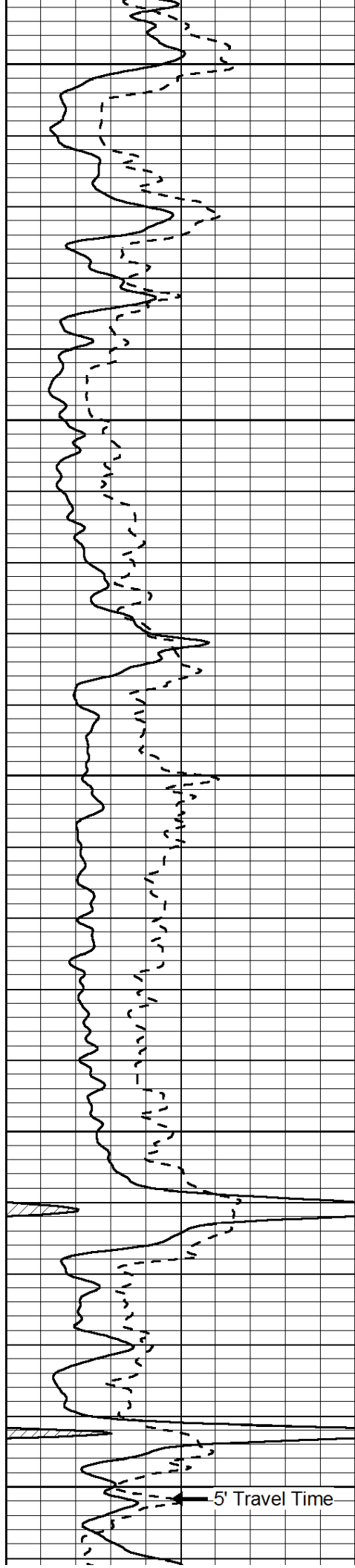
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3900

3950

4000





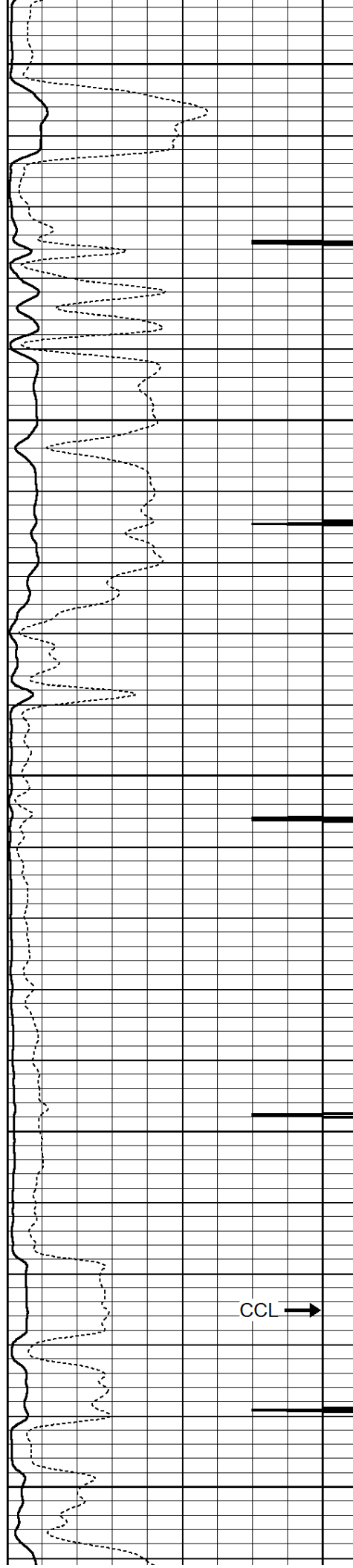
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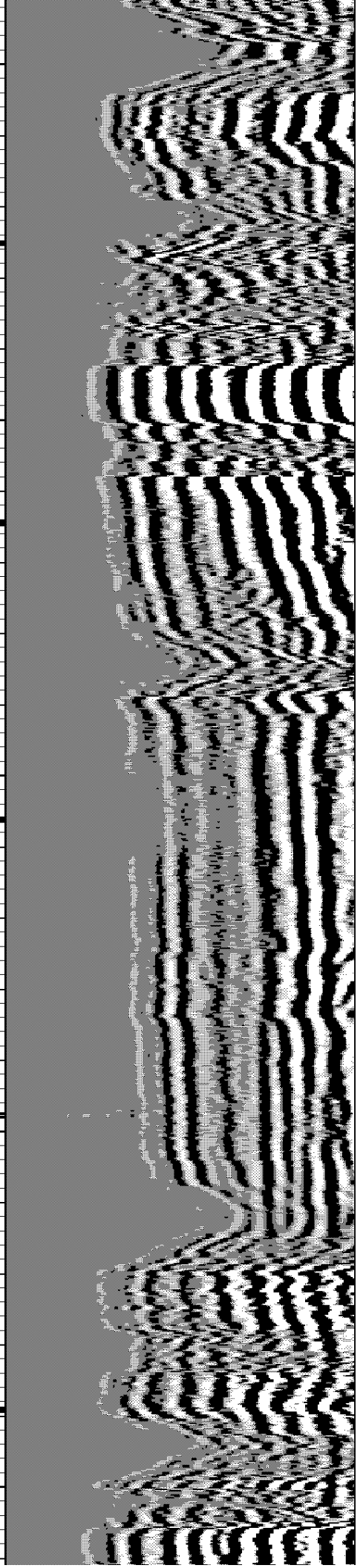
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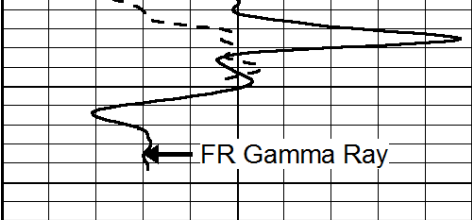
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4250



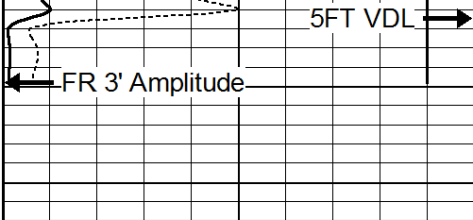
CCL →



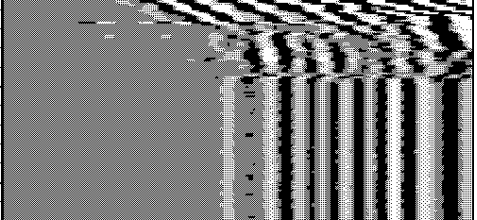


0	Gamma Ray (GAPI)	150
200	5' Travel Time (usec)	1000

TD 4279



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



200	5FT VDL	1000
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