



DUAL RECEIVER CEMENT BOND LOG

Company	GRAND MESA OPERATING COMPANY		
Well	MILLER #2-10		
Field	ZENITH-PEACE CREEK		
County	RENO		
State	KANSAS	Country	U.S.A.
Location:	API # : 15-155-21759-0000		Other Services
1950' FSL & 1273' FWL			
SEC 10 TWP 23S RGE 10W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	1765
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B. 1770	
Drilling Measured From	KELLY BUSHING	D.F. 1768	
		G.L. 1765	
Date	10-1-18		
Run Number	ONE		
Depth Driller	3860		
Depth Logger	3804		
Bottom Logged Interval	3802		
Top Log Interval	2650		
Open Hole Size	WATER		
Type Fluid			
Density / Viscosity			
Max. Recorded Temp.	2760		
Estimated Cement Top			
Time Well Ready			
Time Logger on Bottom			
Equipment Number	3362		
Location	HAYS, KANSAS		
Recorded By	JEREMY SEIB		
Witnessed By	JOHN JOHNSON		
Borehole Record			
Run Number	Bit	From	To
1	12 1/4"	0	168
2	7 7/8"	168	3860
Tubing Record			
Casing Record	Size	Wgt/Ft	Top
Surface String	8 5/8"		0
Prot. String	5 1/2		0
Production String			
Liner			

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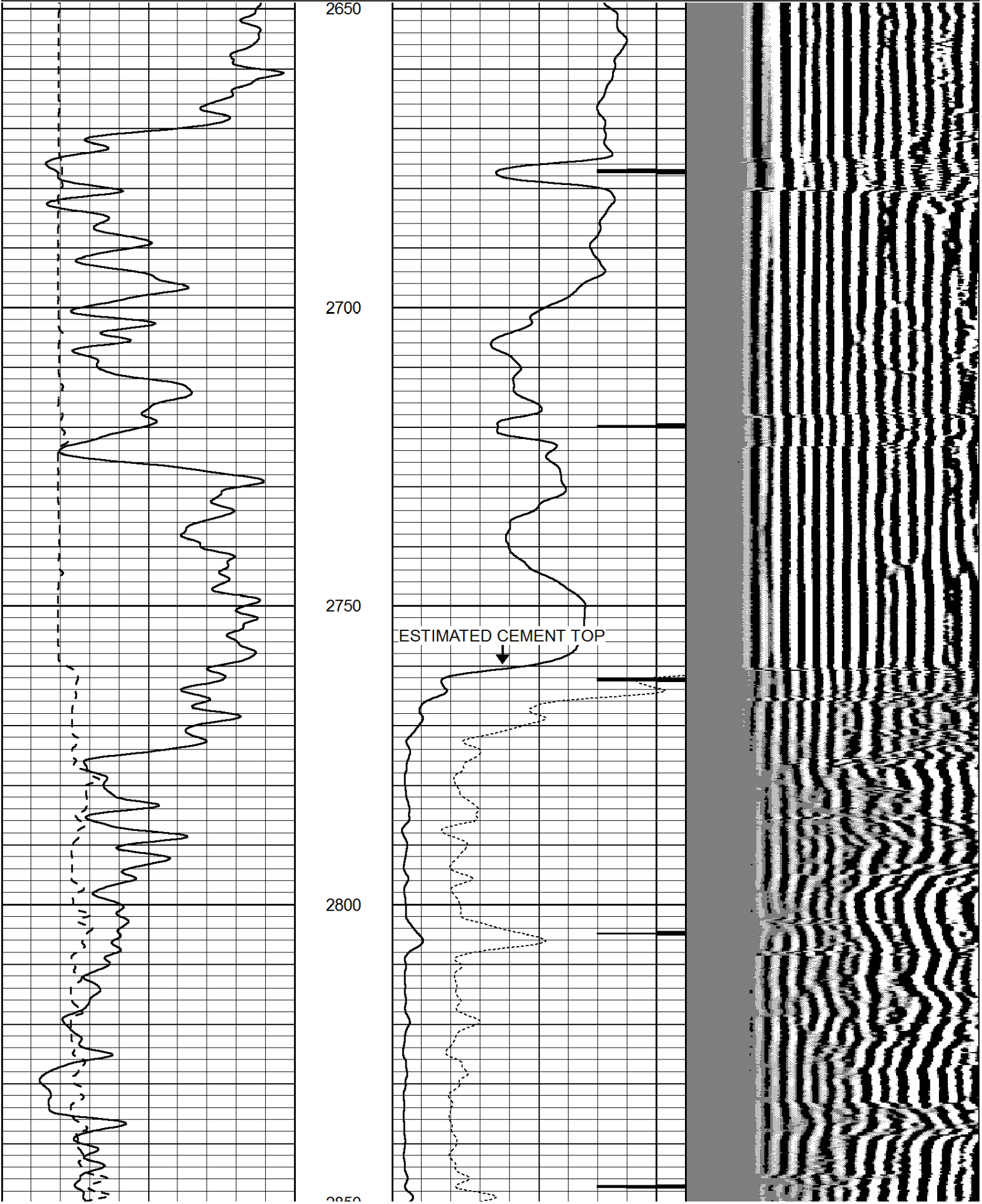
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

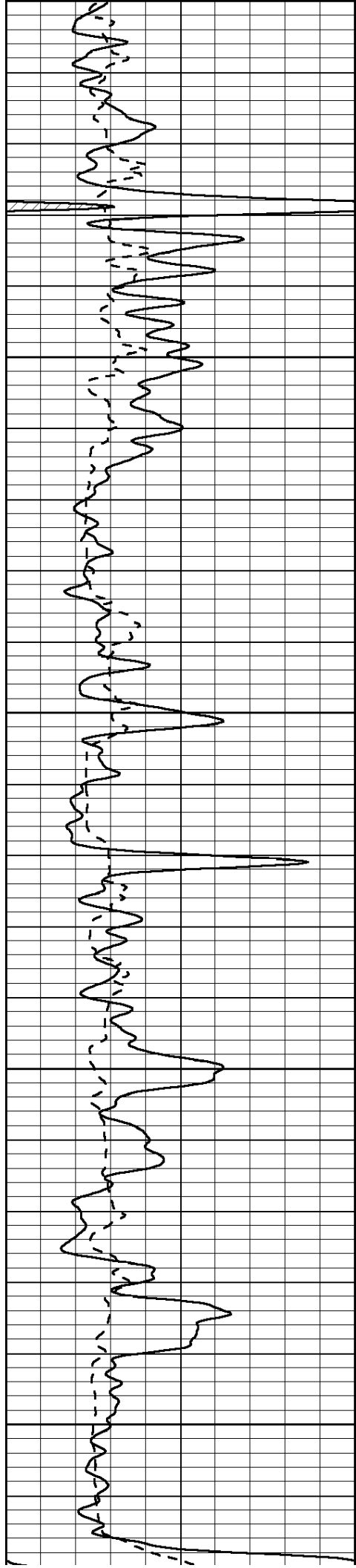
Comments

THANK YOU FOR USING E.L.I. WIRELINE SERVICES HAYS, KANSAS (785)628-6395
DIRECTIONS: ST. JOHN, KS - 5 NORTH TO 70TH RD.(4TH STREET) - 18 MILES EAST TO SYLVIA RD. -
1/2 MILE EAST - NORTH AND WEST INTO

Database File: 2969.db
Dataset Pathname: pass2.3
Presentation Format: dcbl02
Dataset Creation: Mon Oct 01 10:22:02 2018
Charted by: Depth in Feet scaled 1:240

Charted by: _____ Depth in Feet scaled 1:2.15								
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			





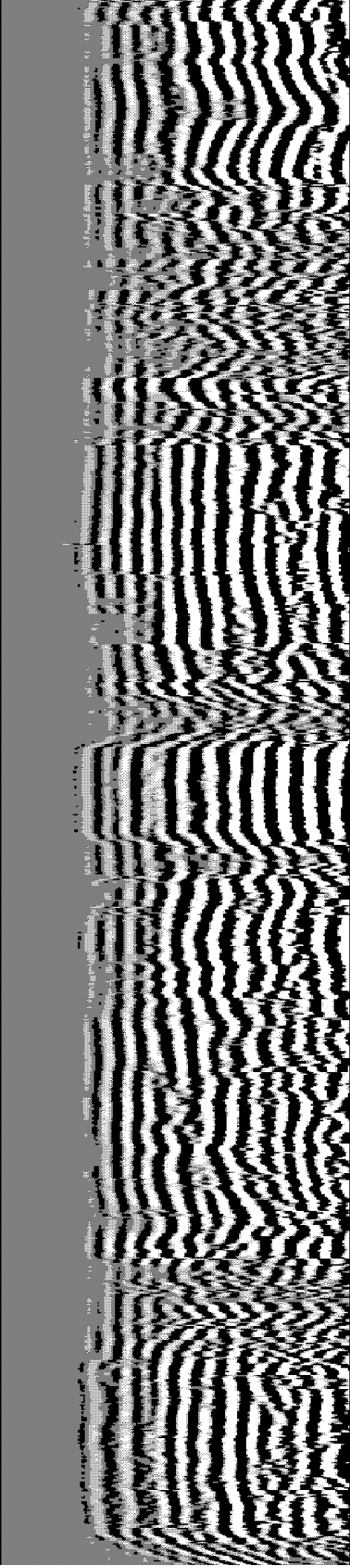
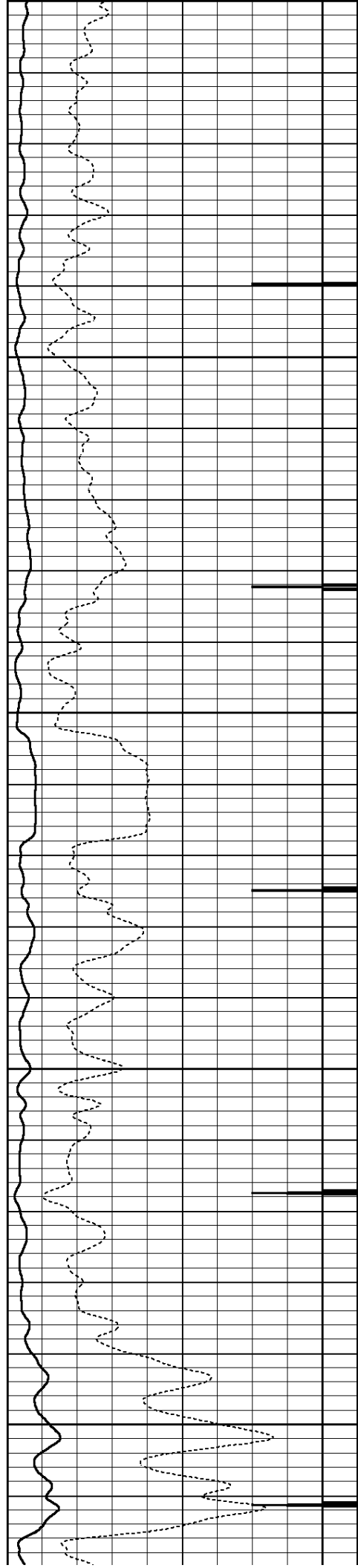
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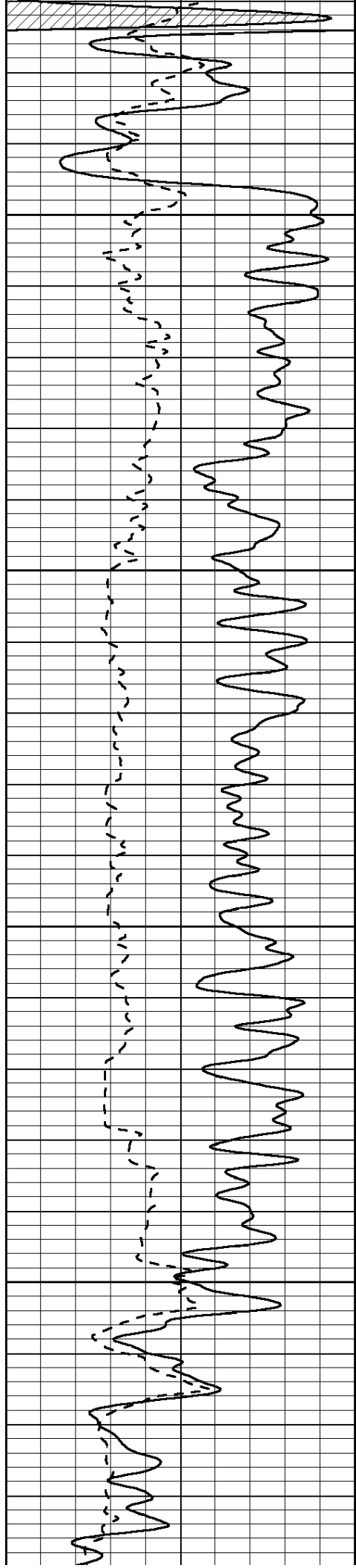
2900

2950

3000

3050



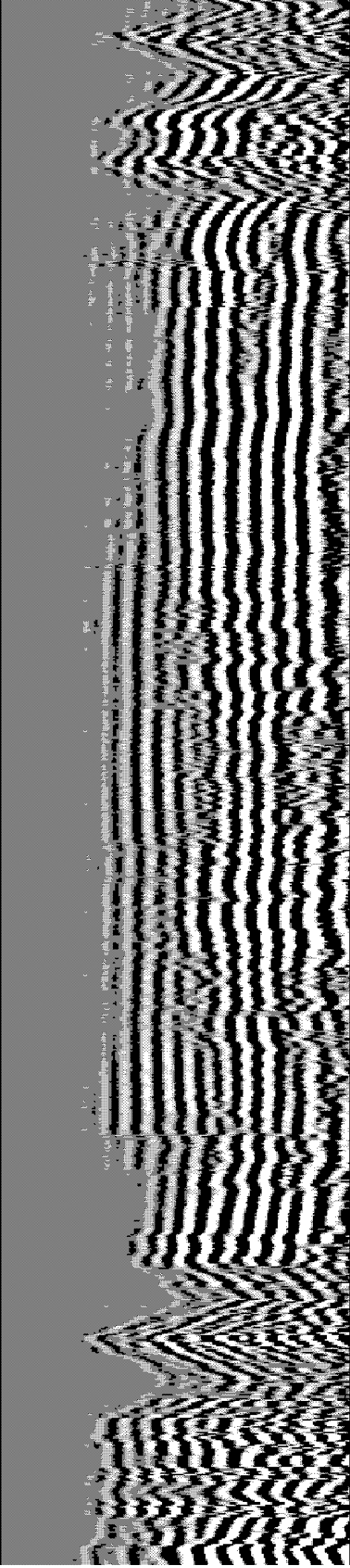
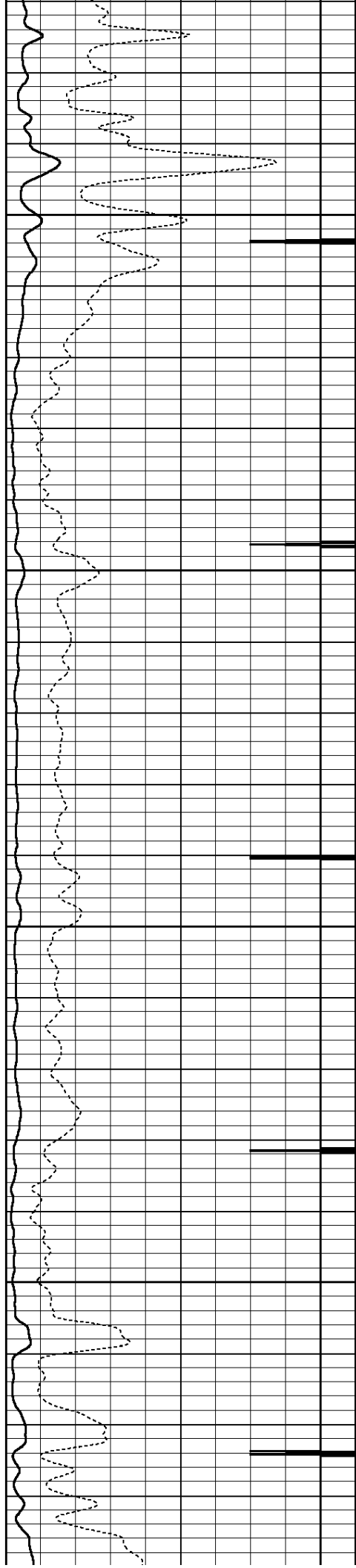


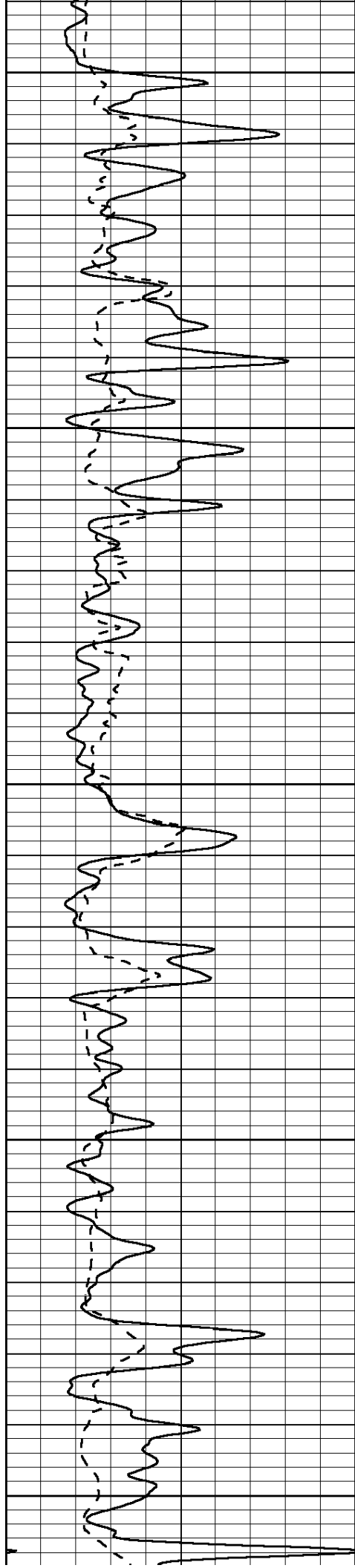
3100

3150

3200

3250





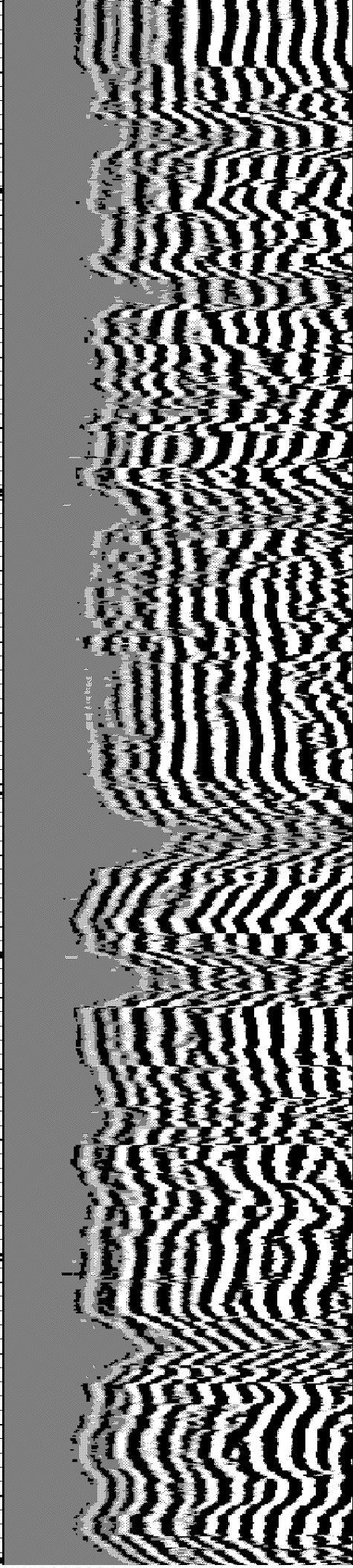
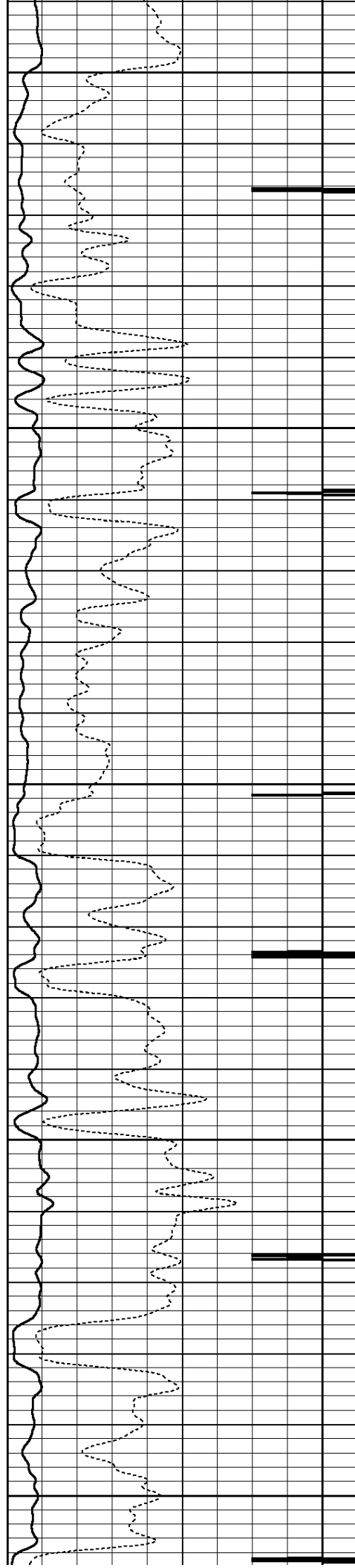
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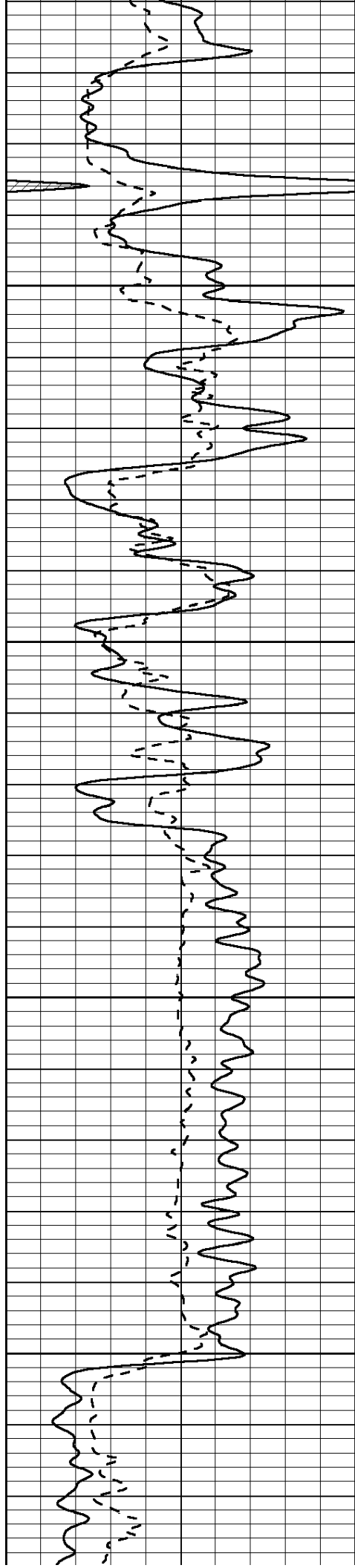
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3400

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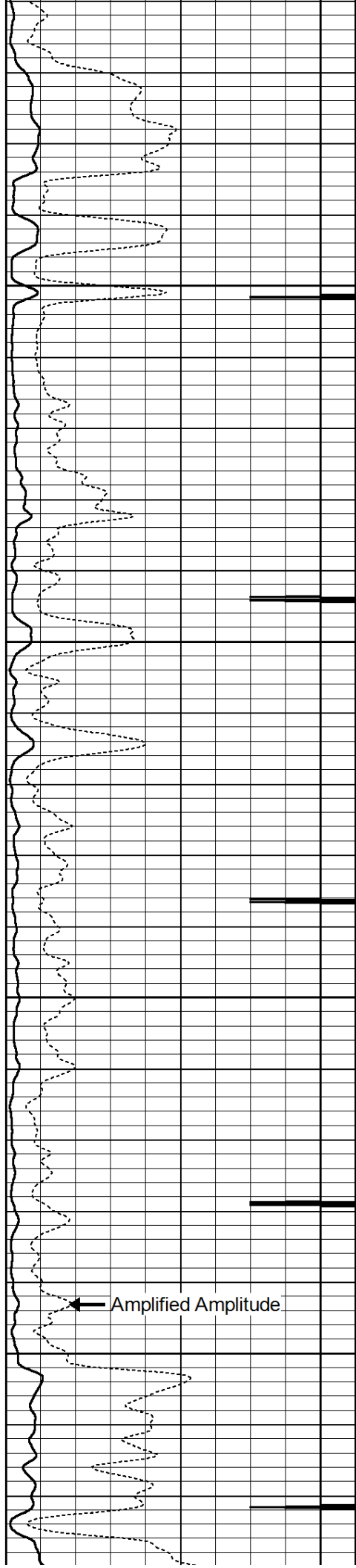


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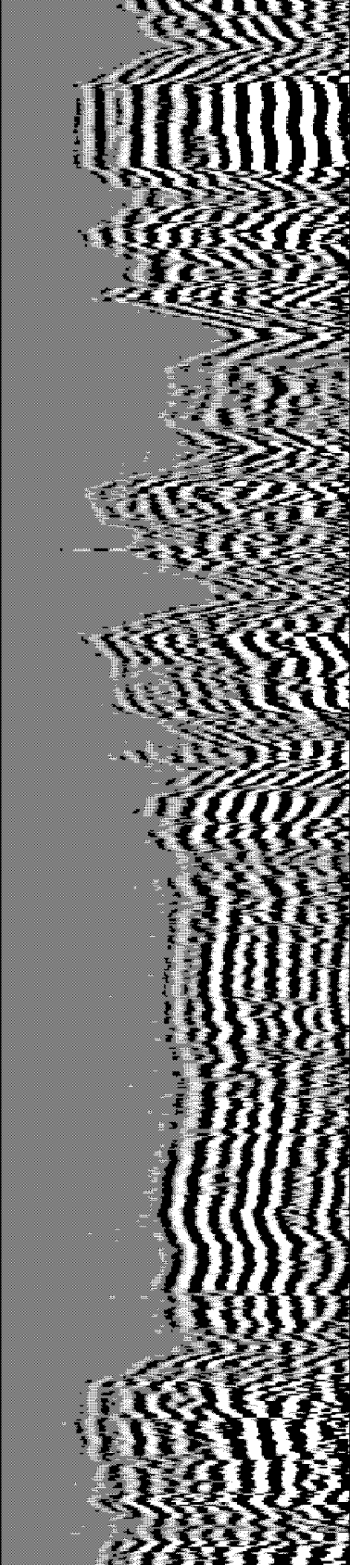
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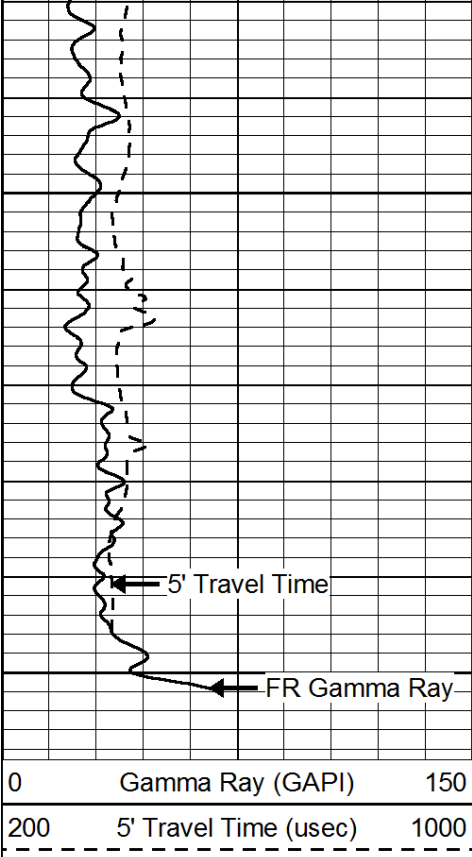
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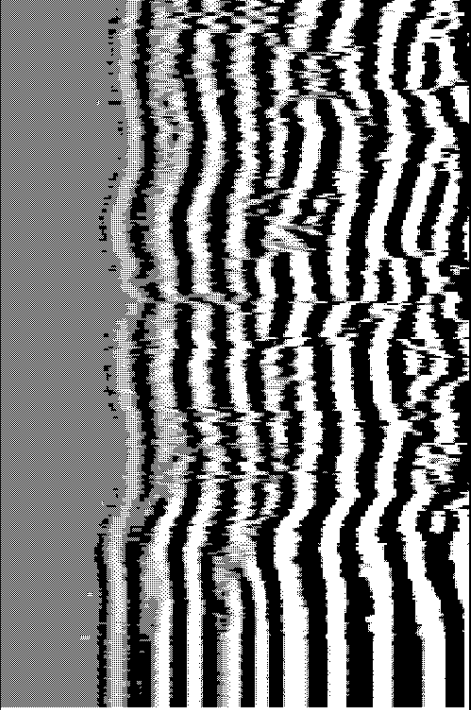
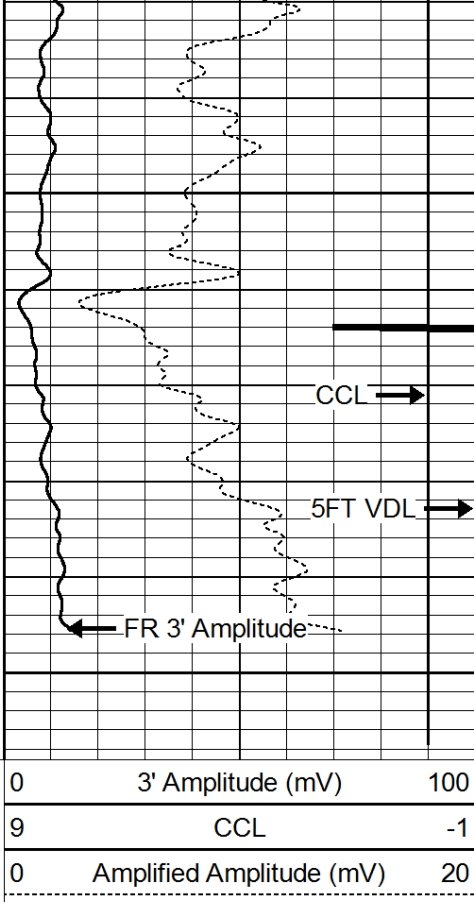
Amplified Amplitude





3750

3800
TD 3804



200 5FT VDL 1000