



All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

[illegible]

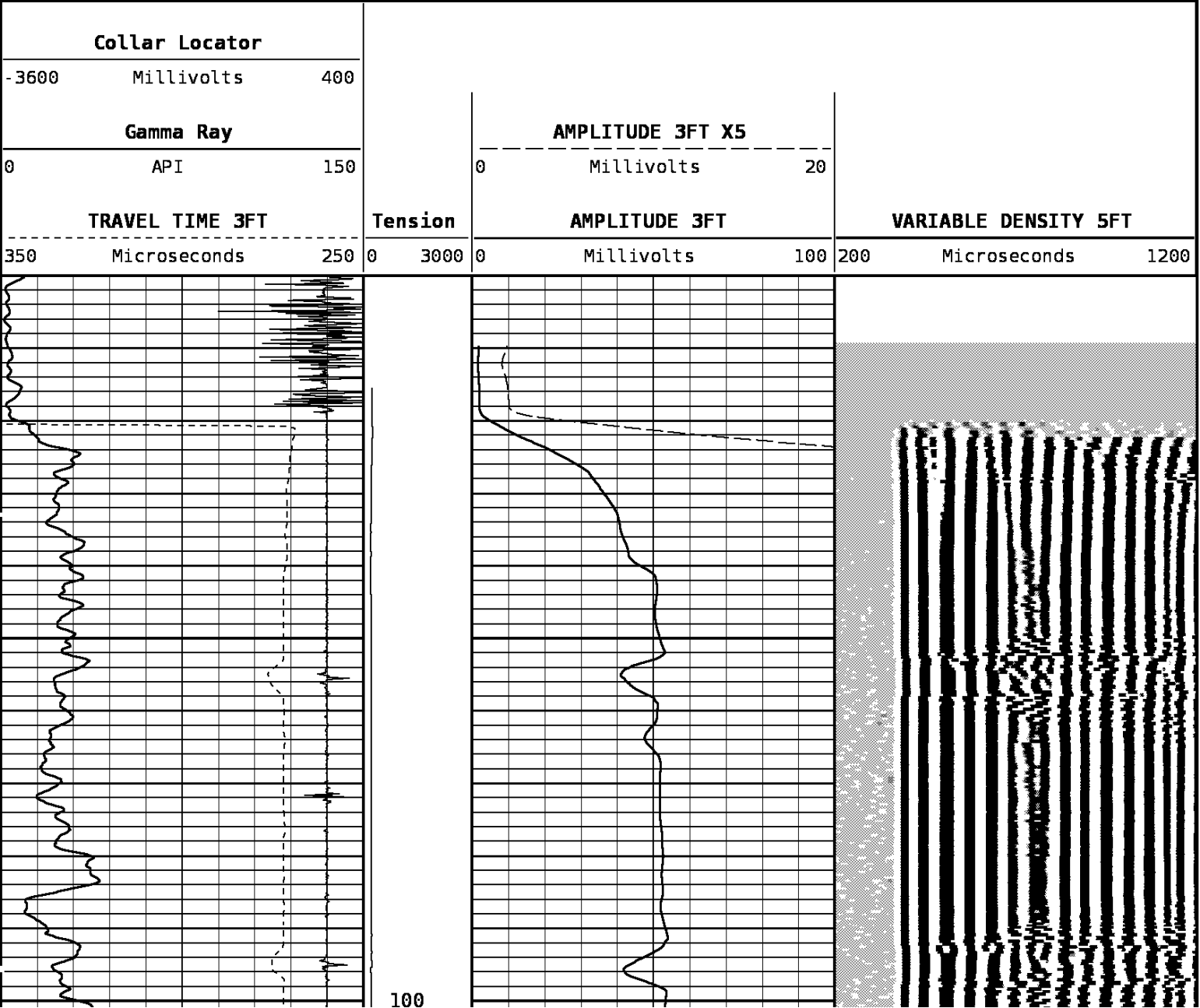
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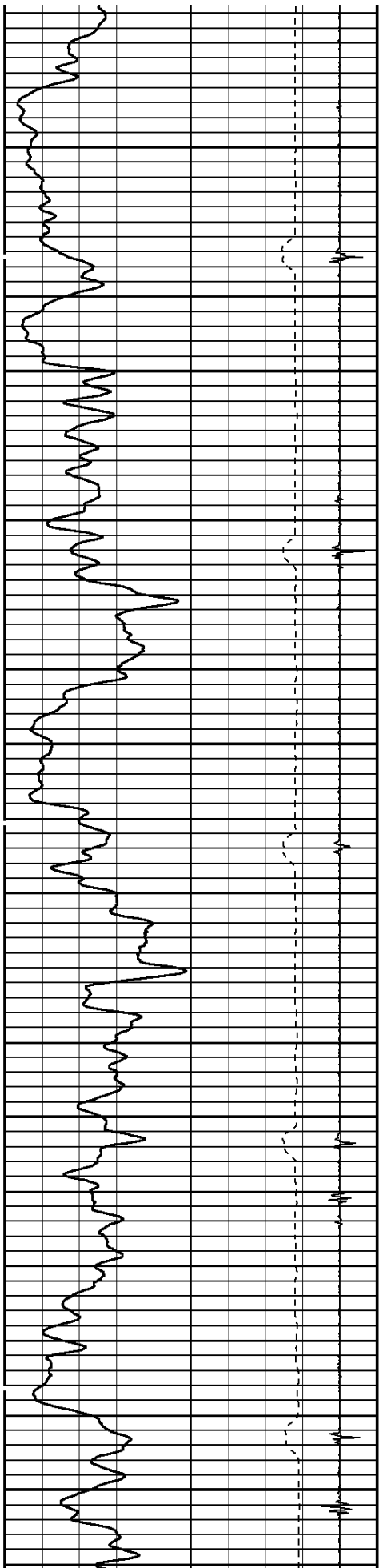
PROCESSED VERSION: 2012.07.18.162"

MAIN PASS

CBLMAINFF

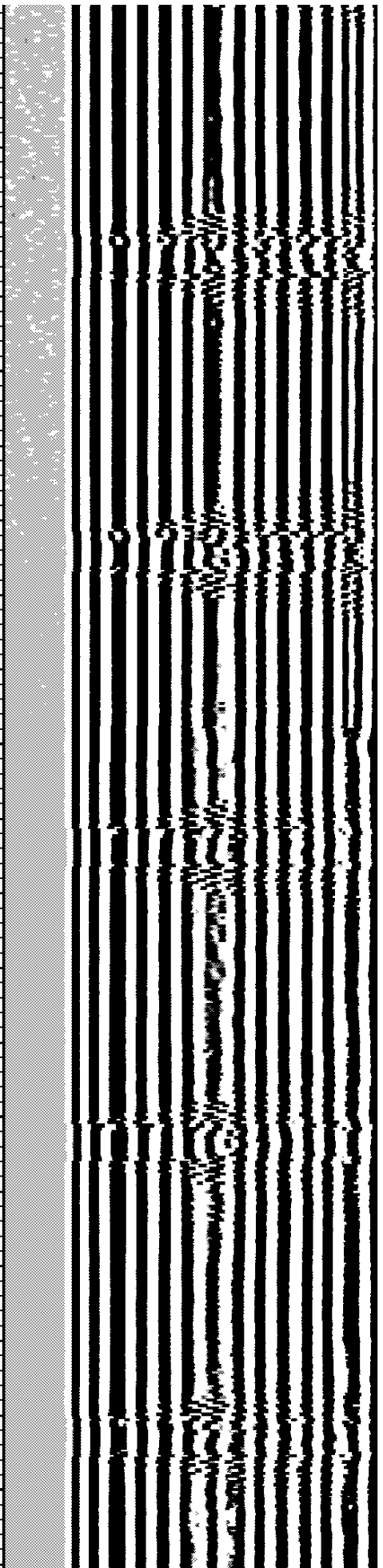
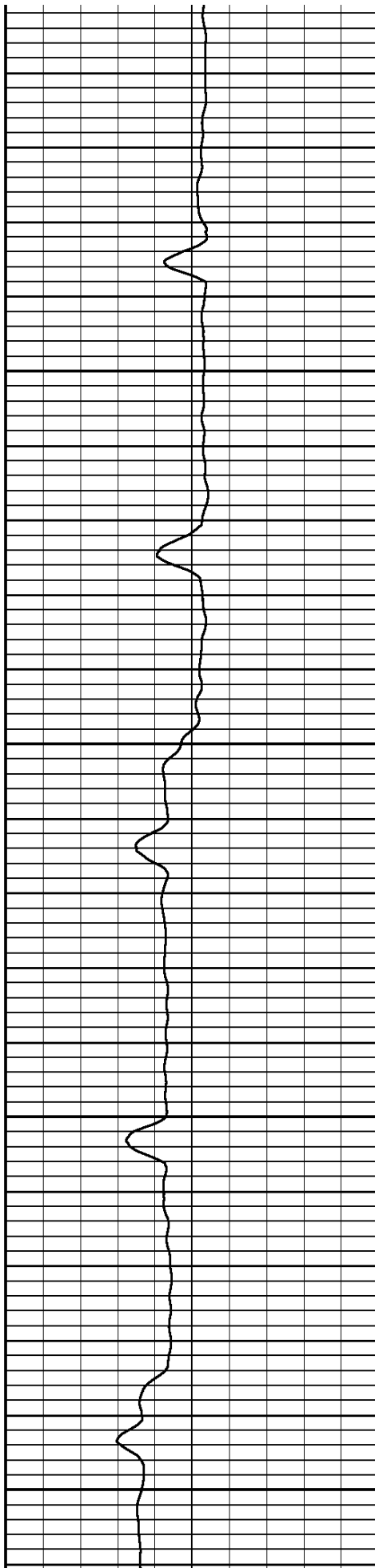
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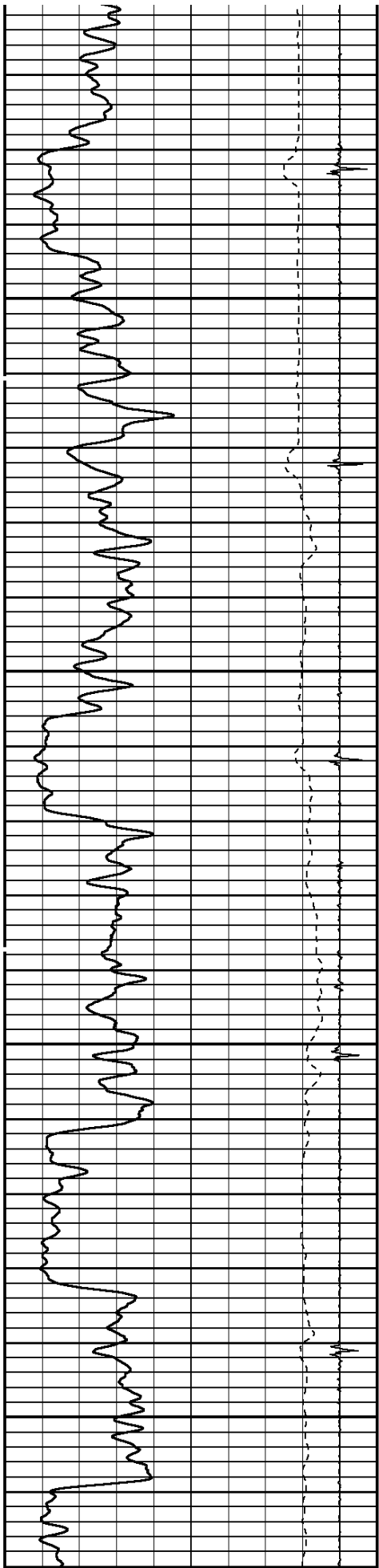




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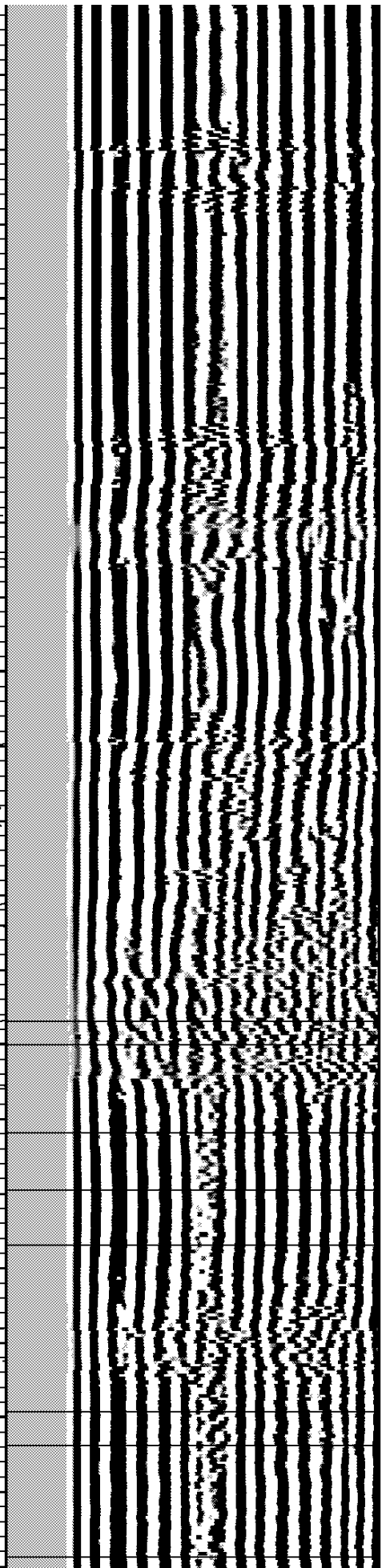
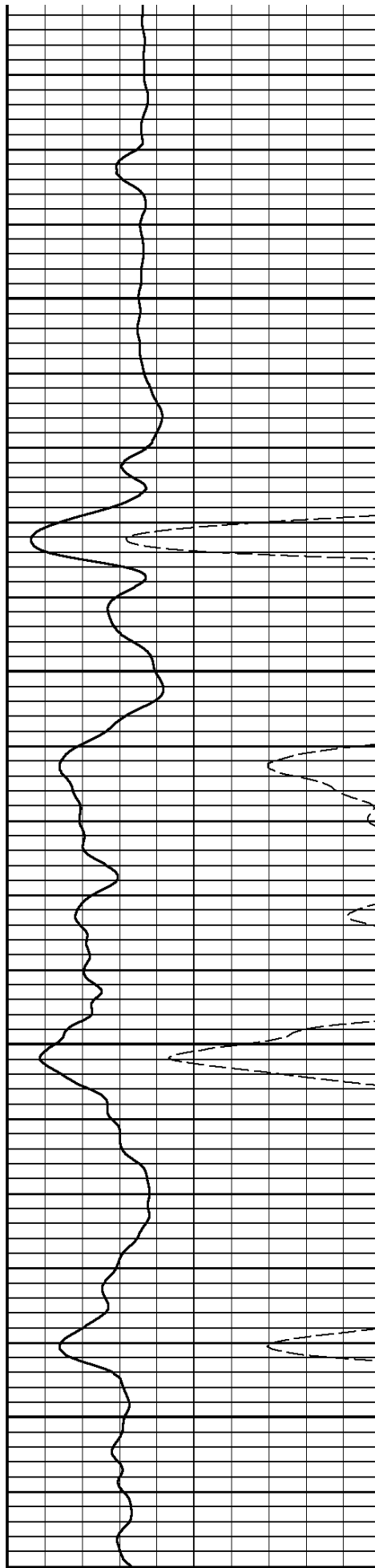
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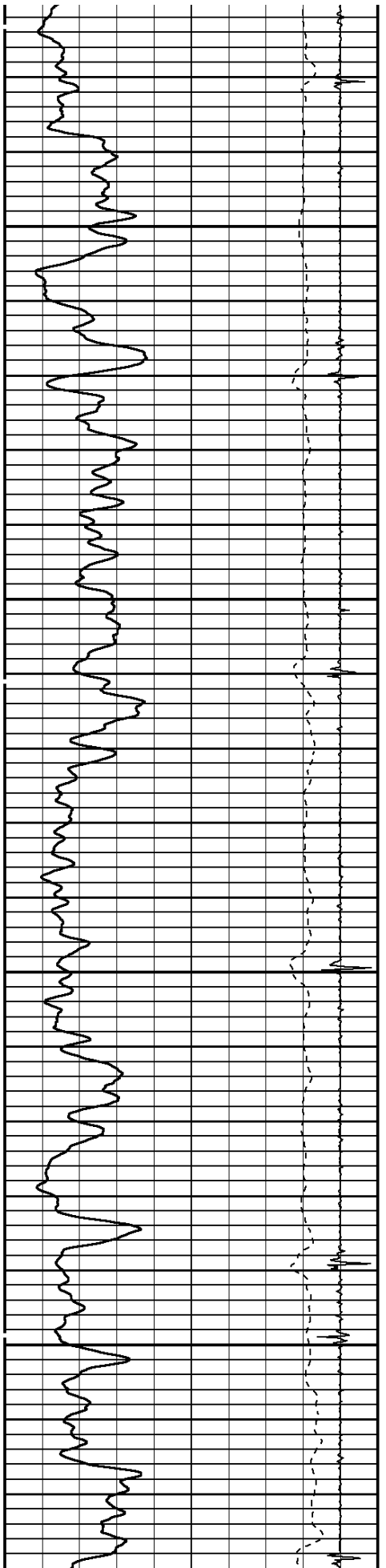




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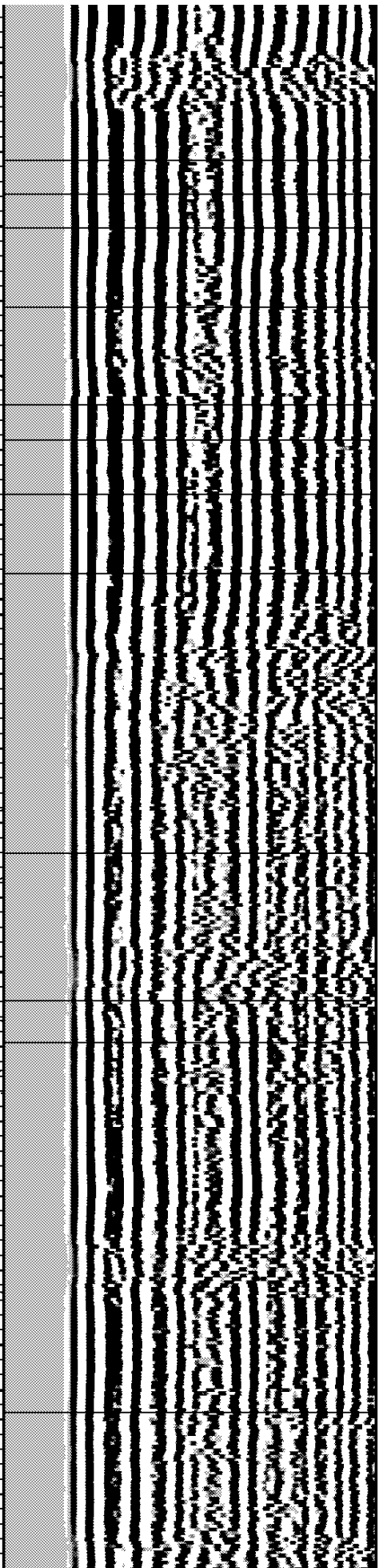
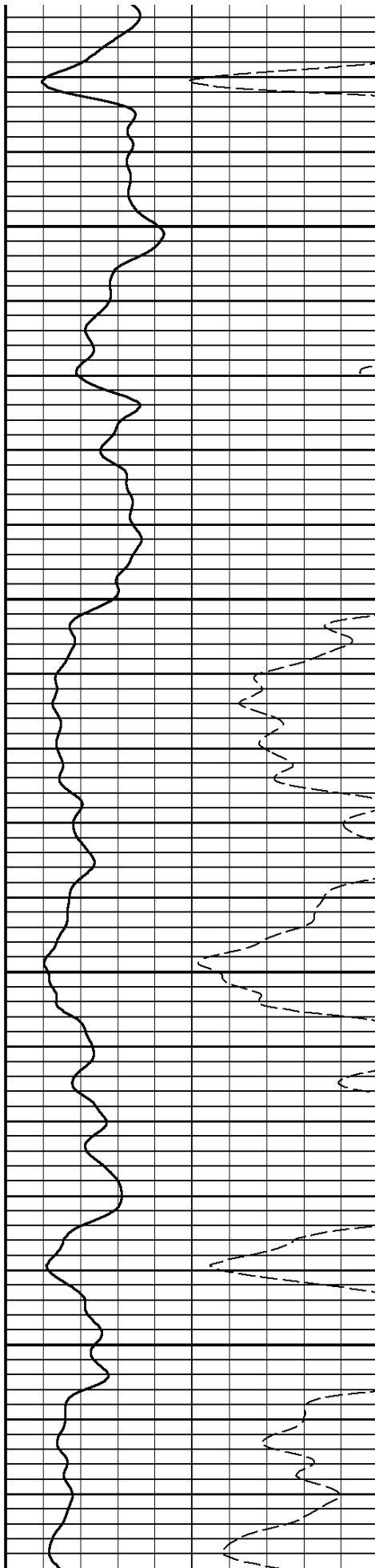
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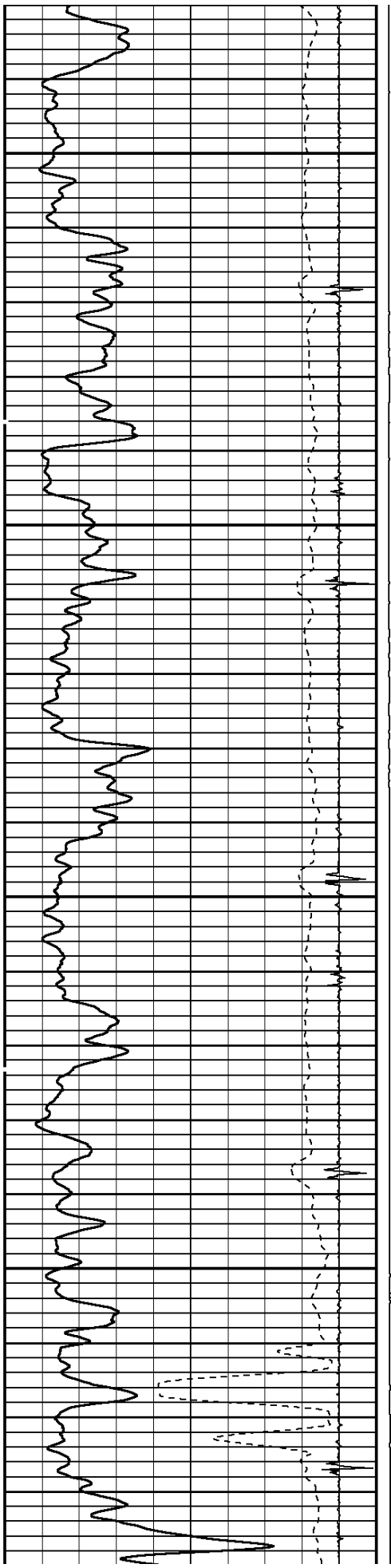




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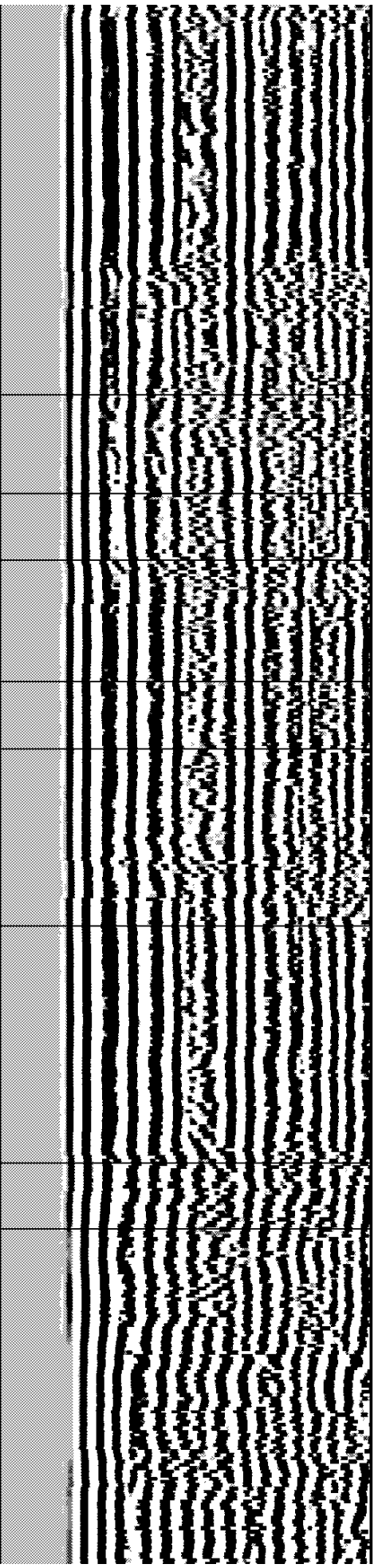
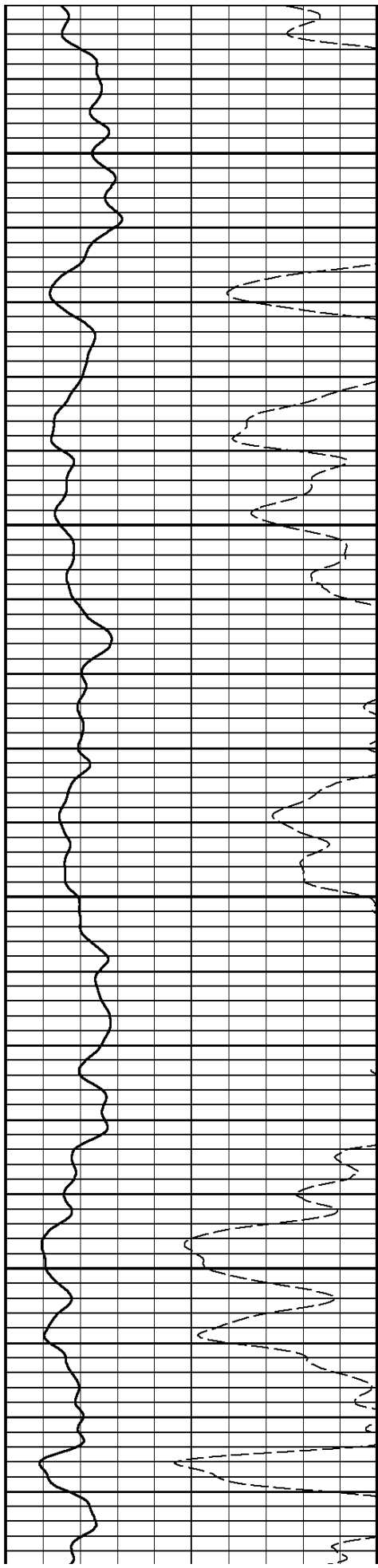
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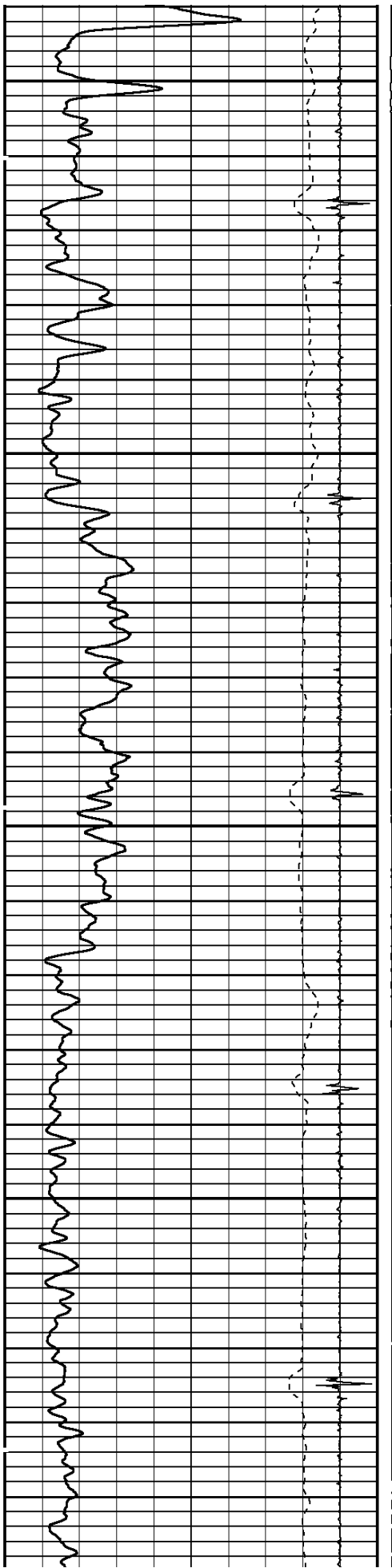




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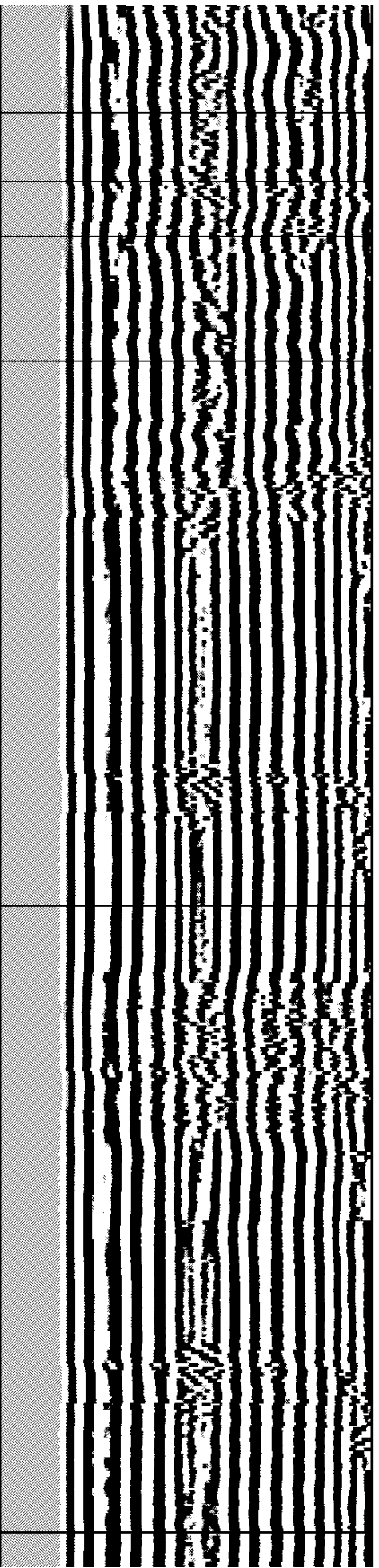
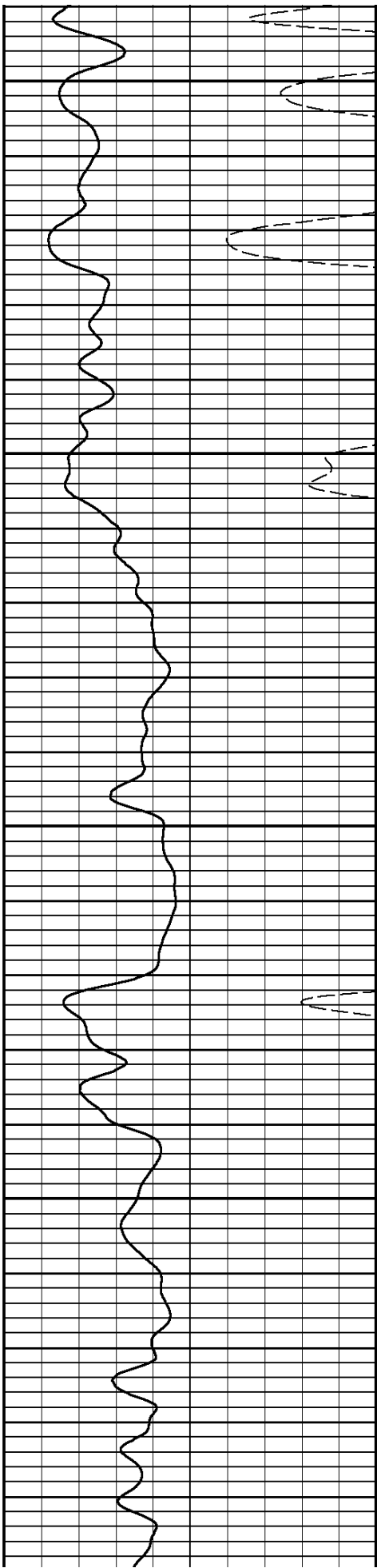
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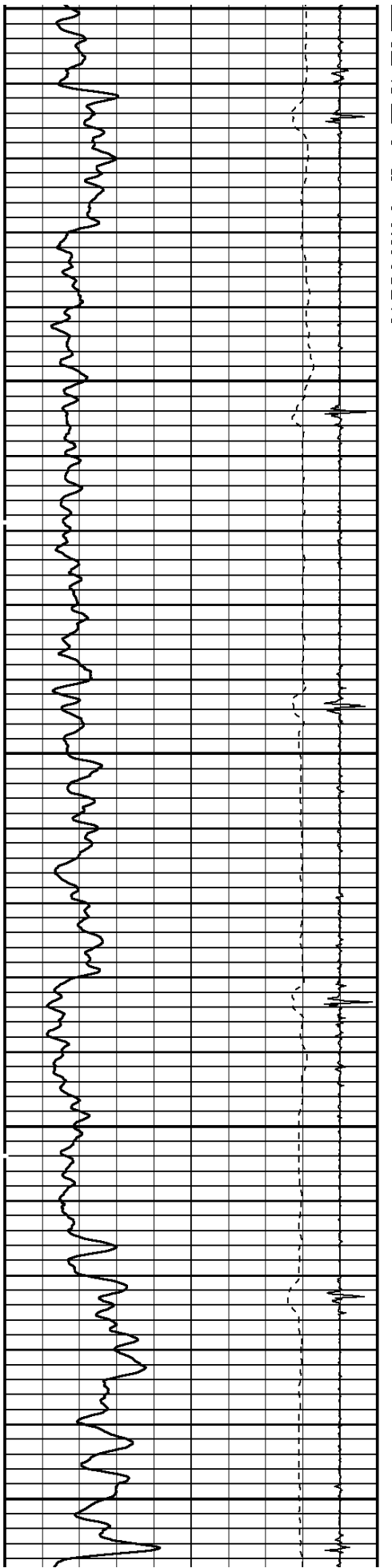




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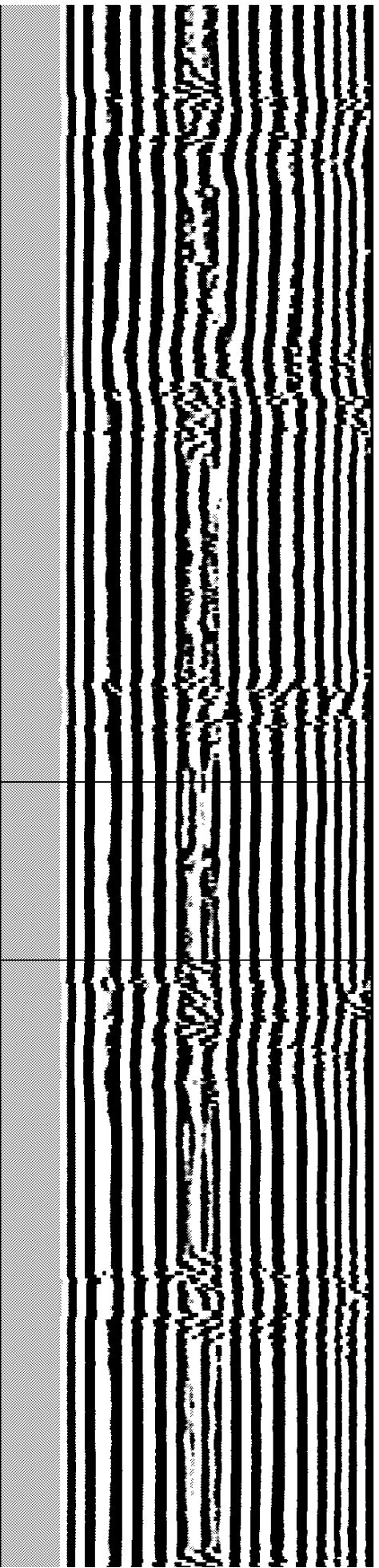
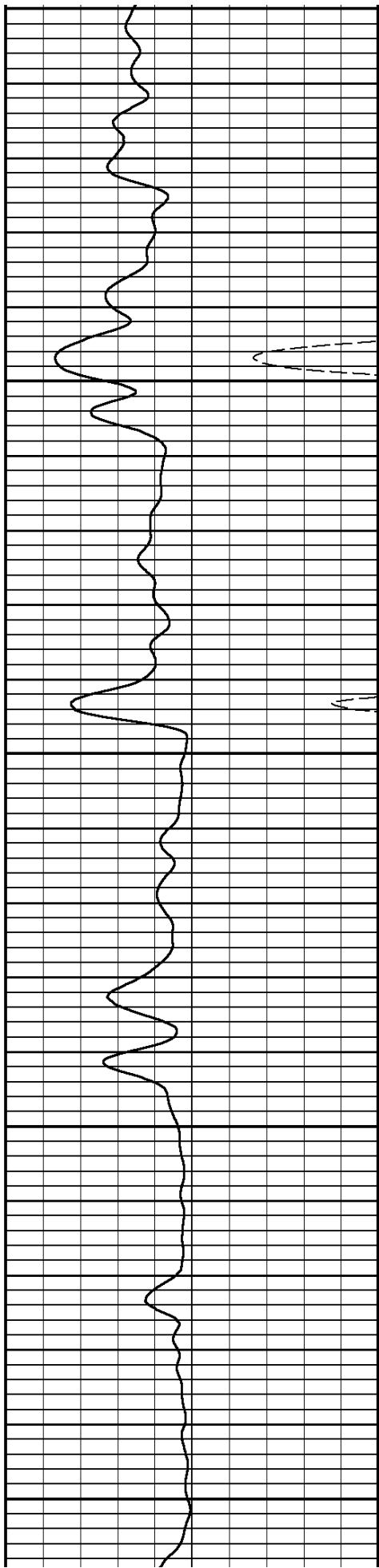
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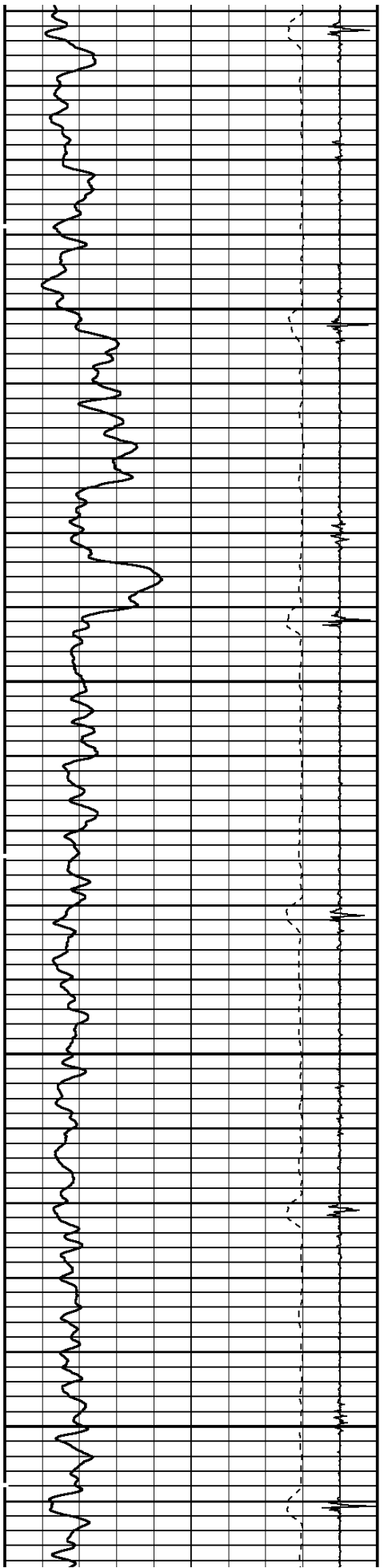




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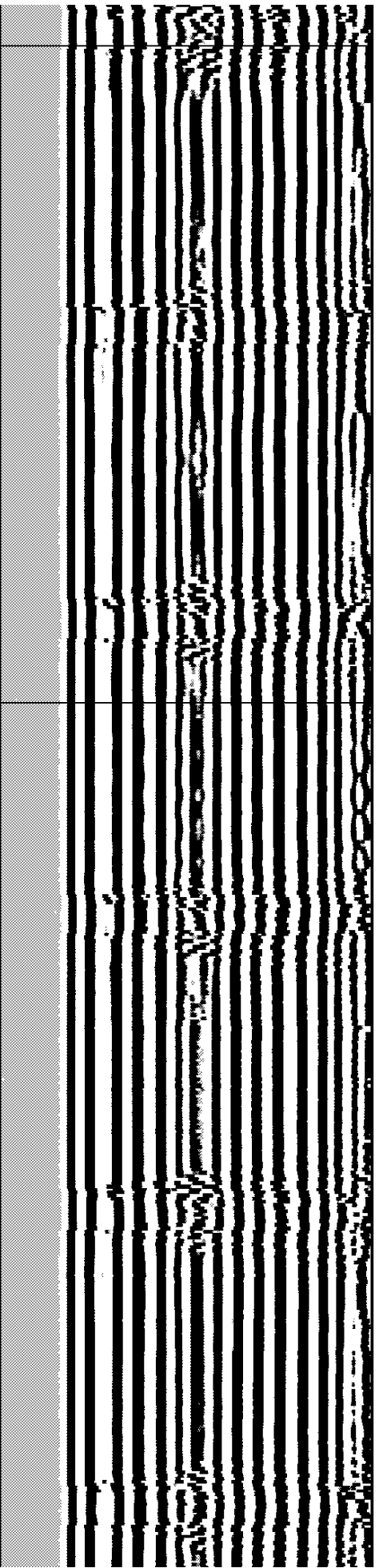
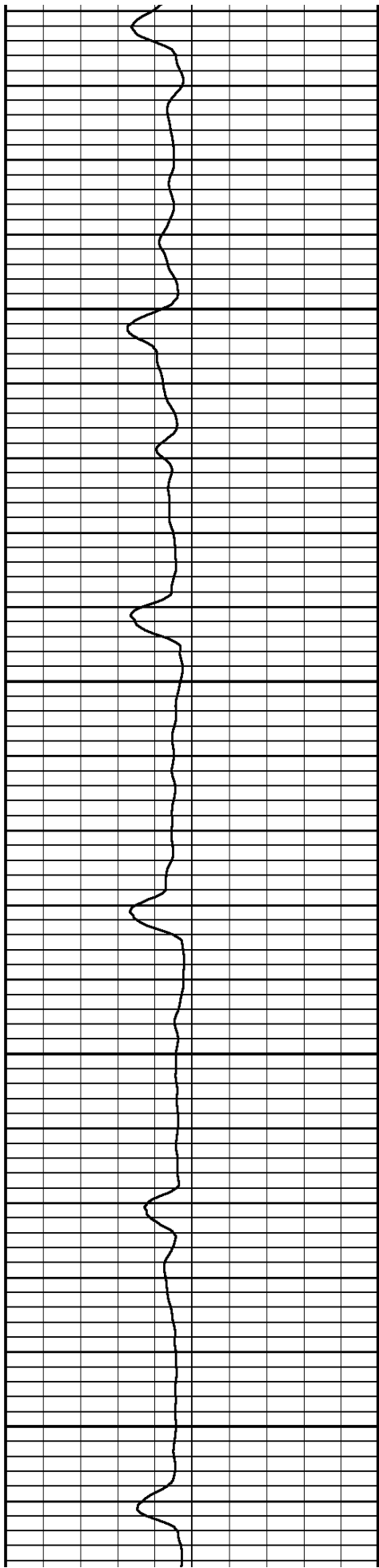
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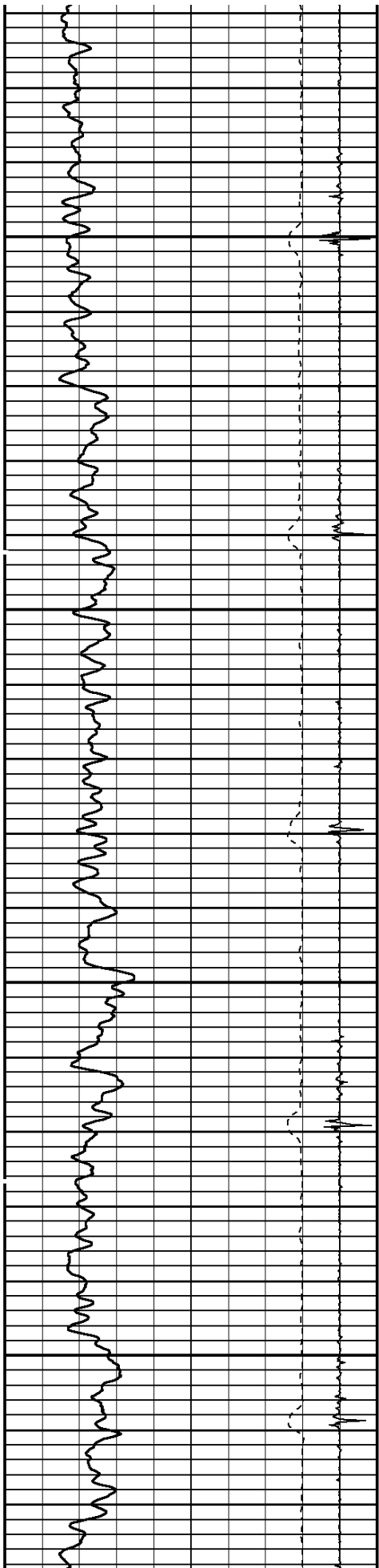




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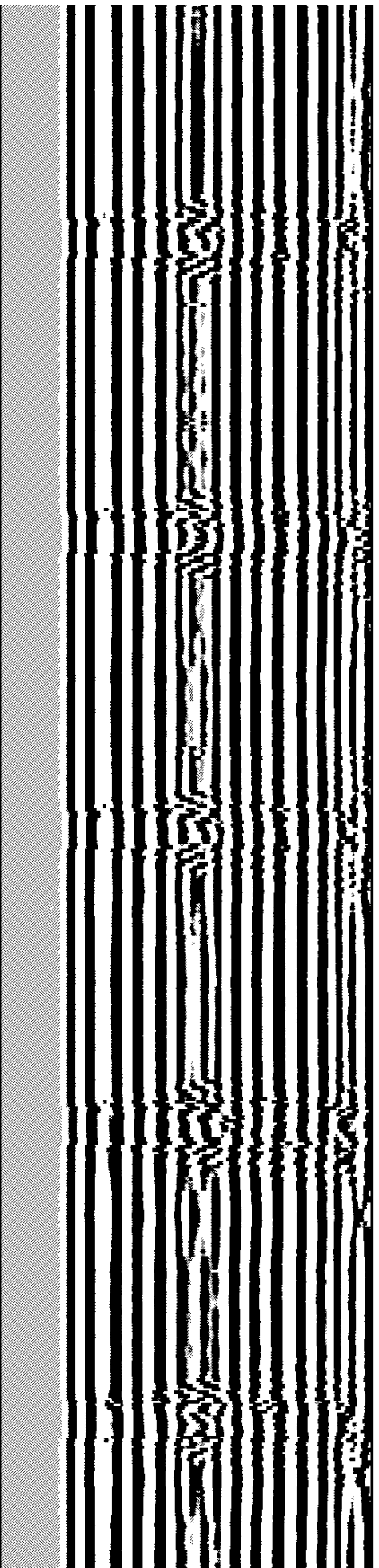
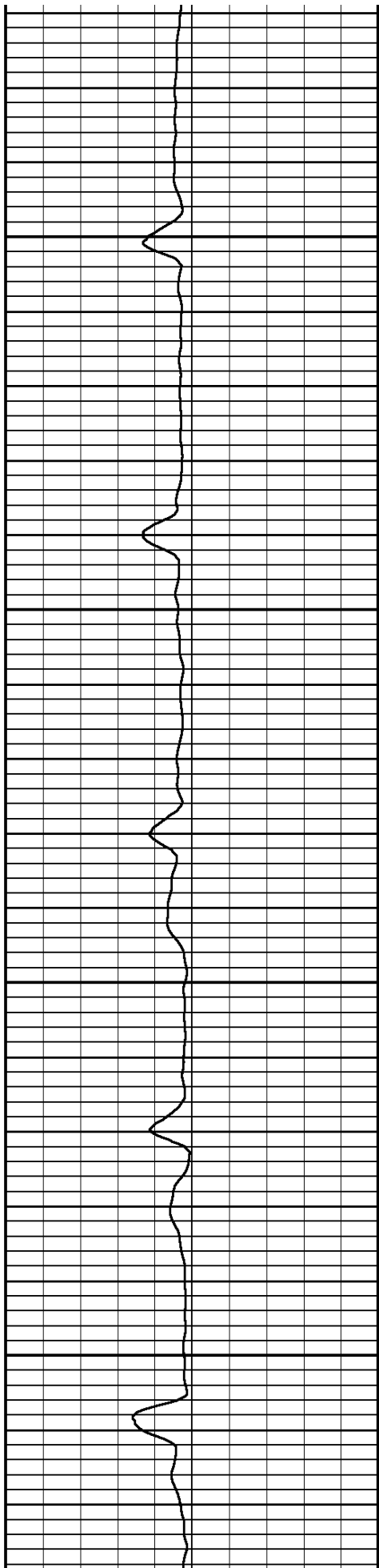
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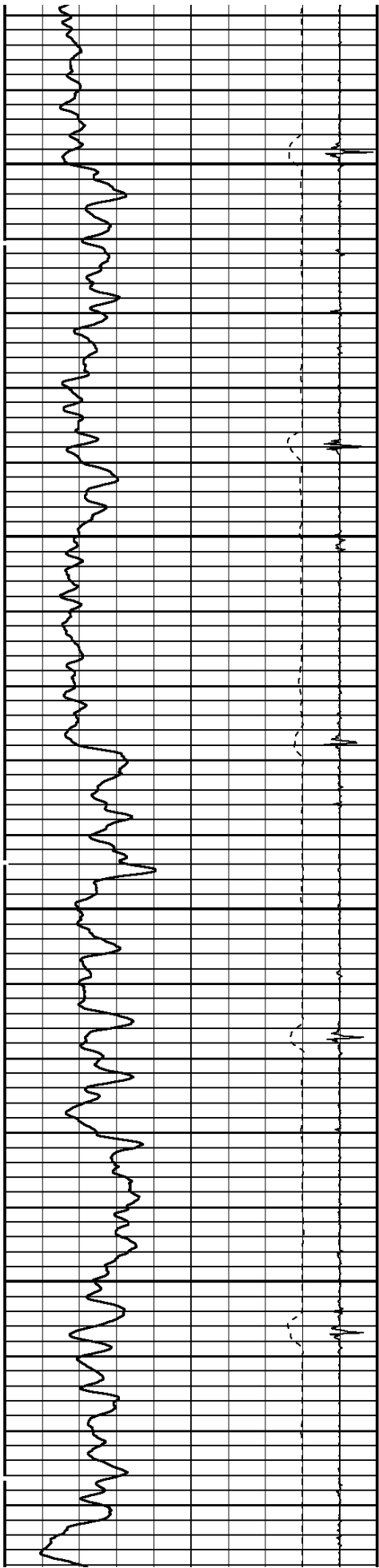




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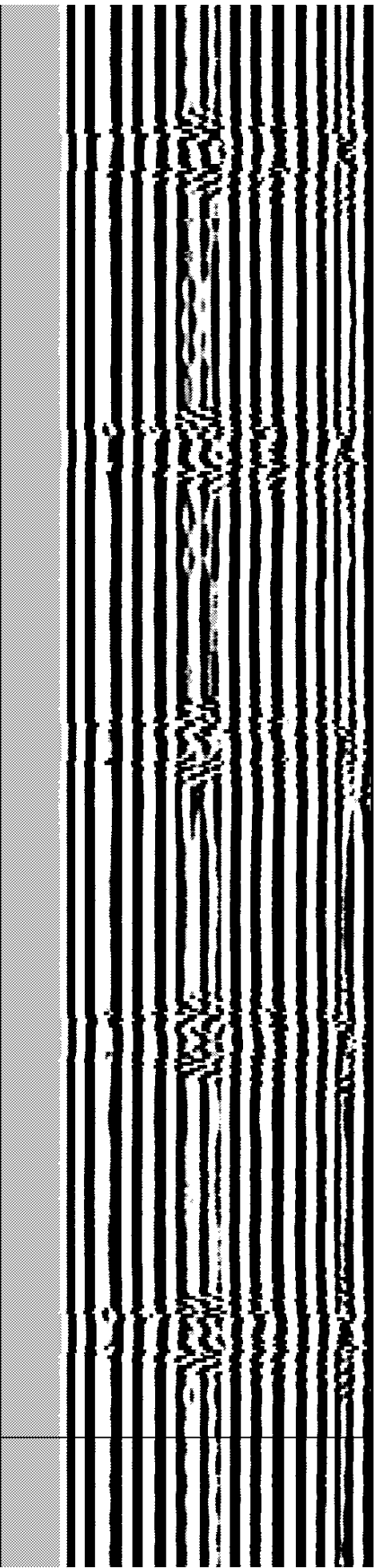
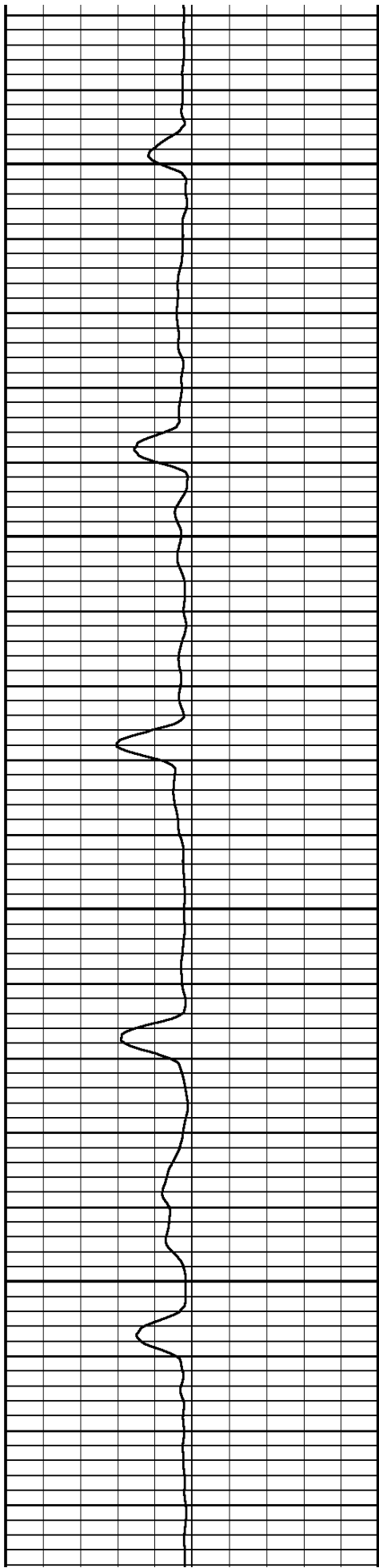
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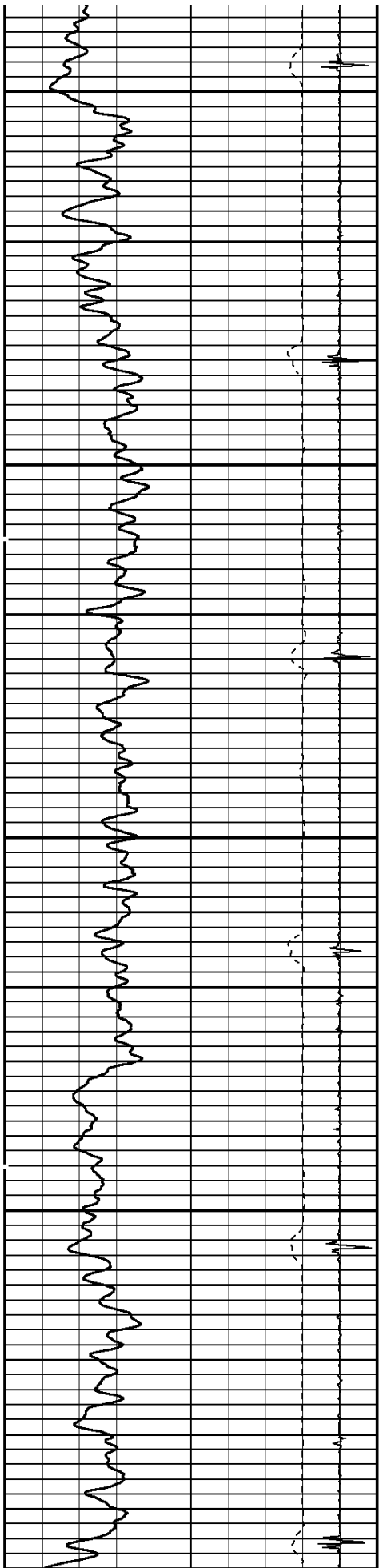




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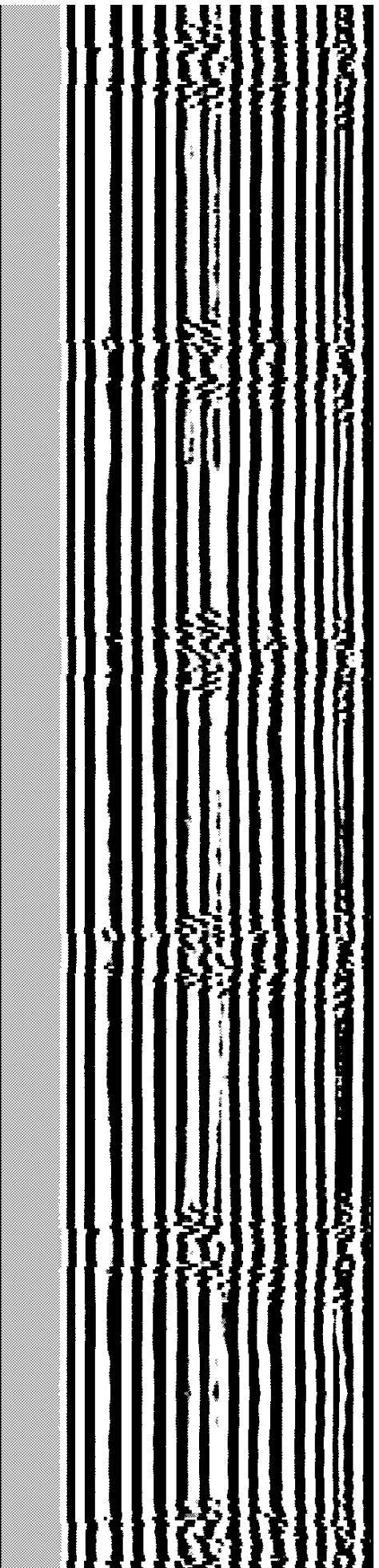
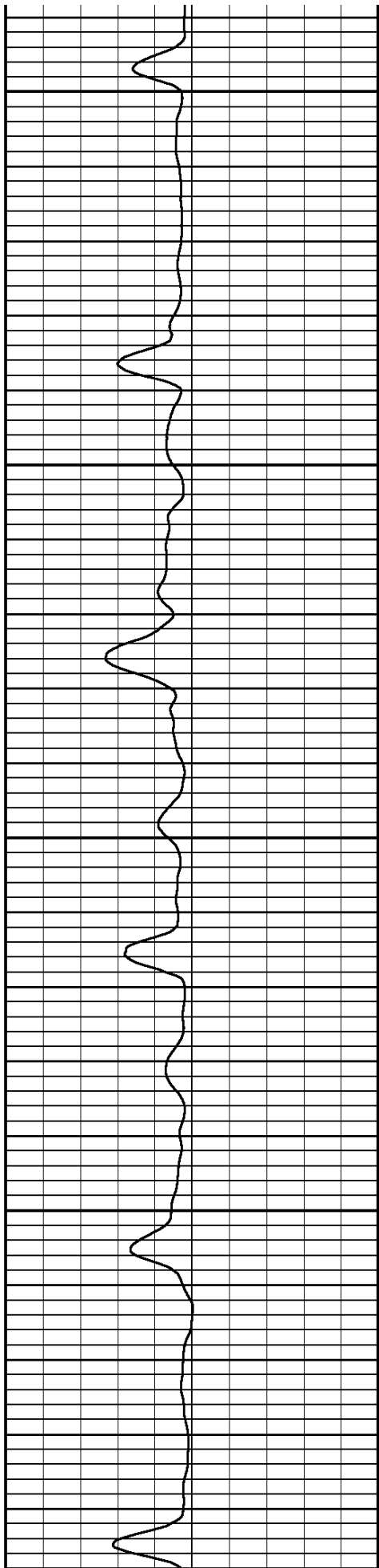
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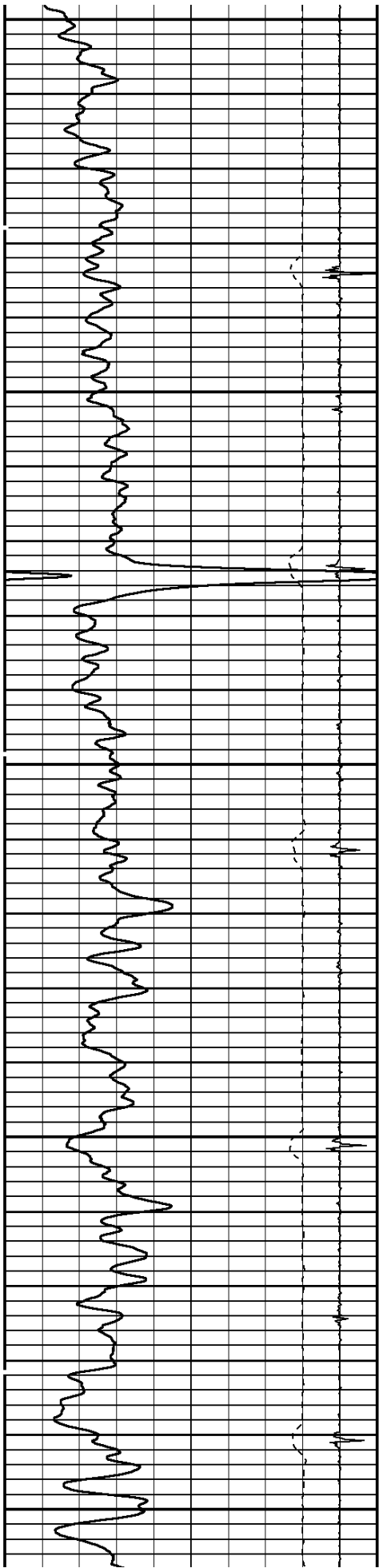




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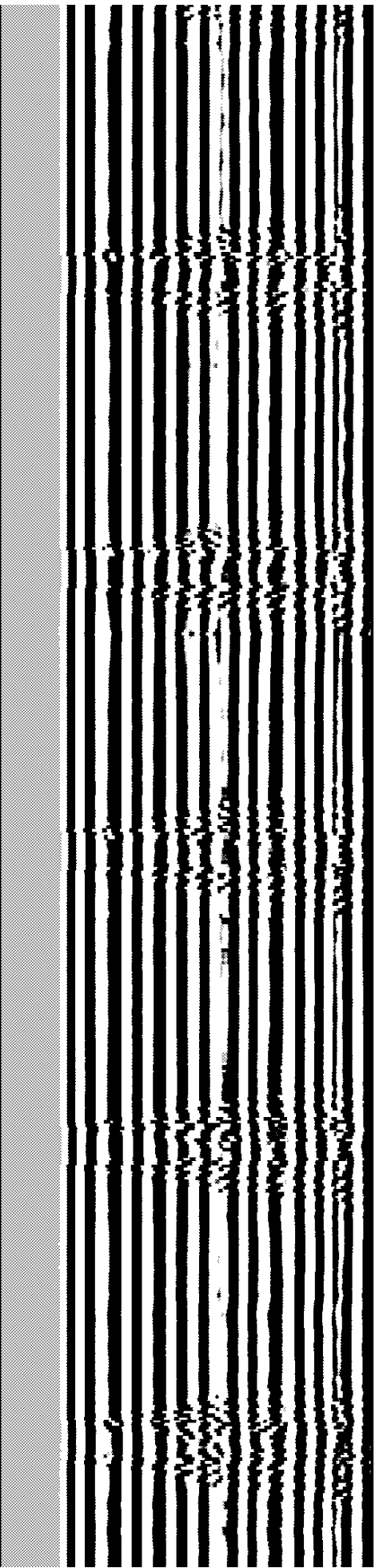
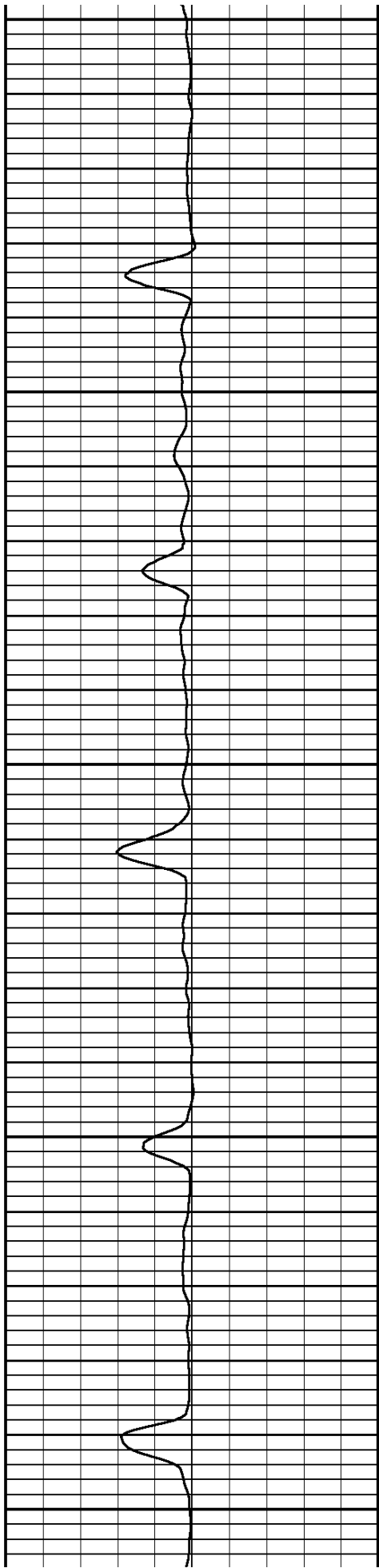


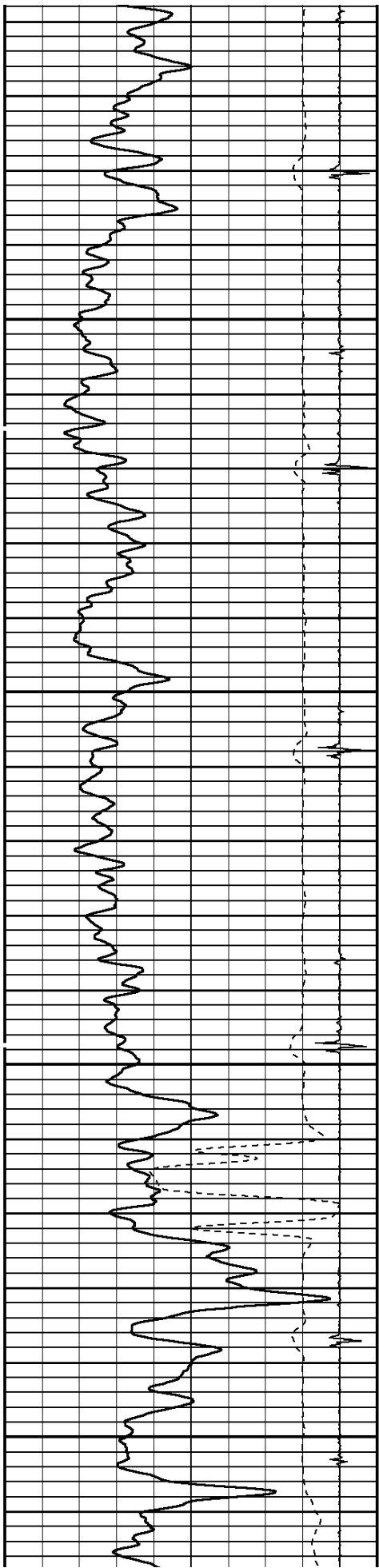


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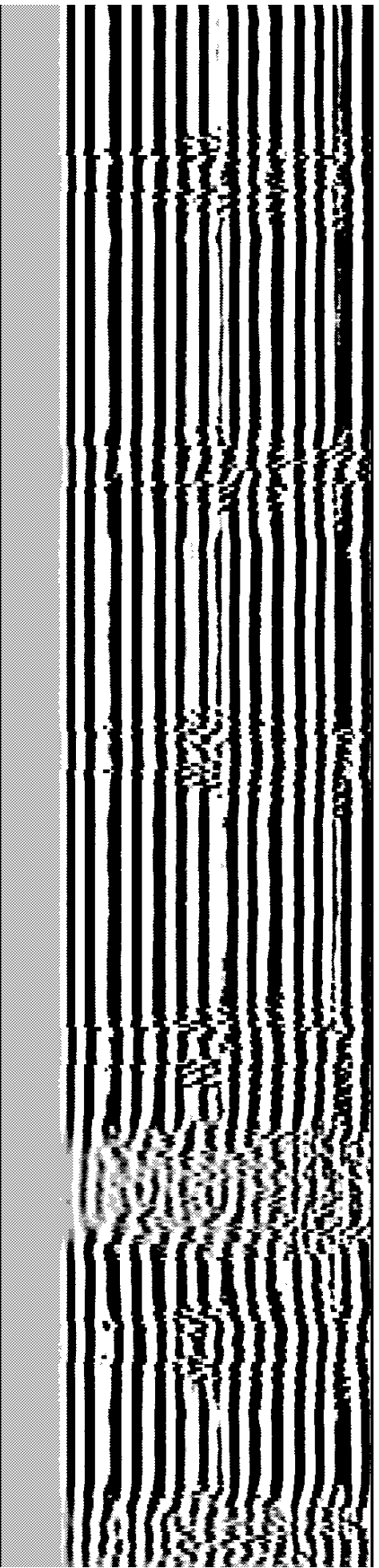
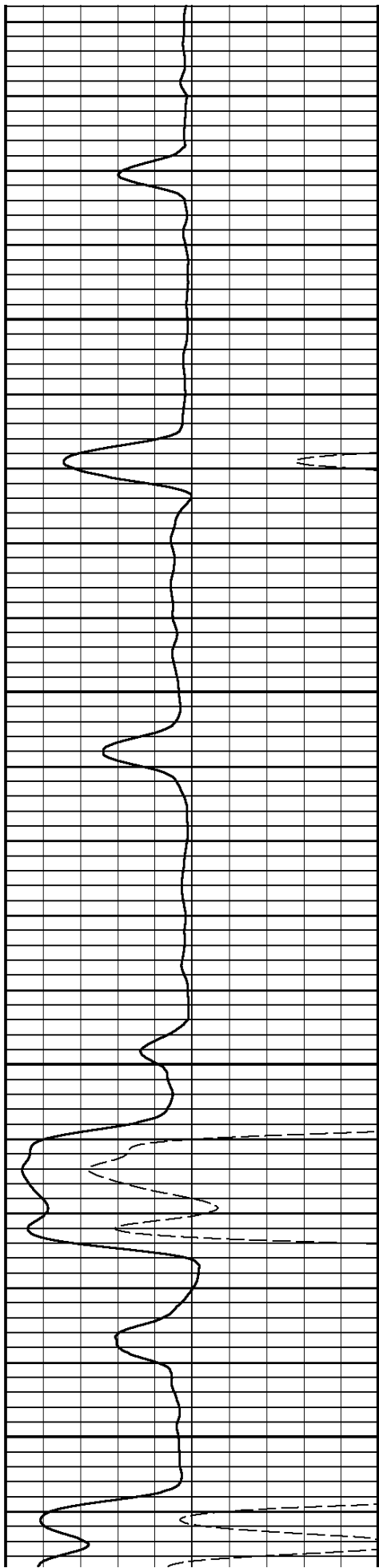
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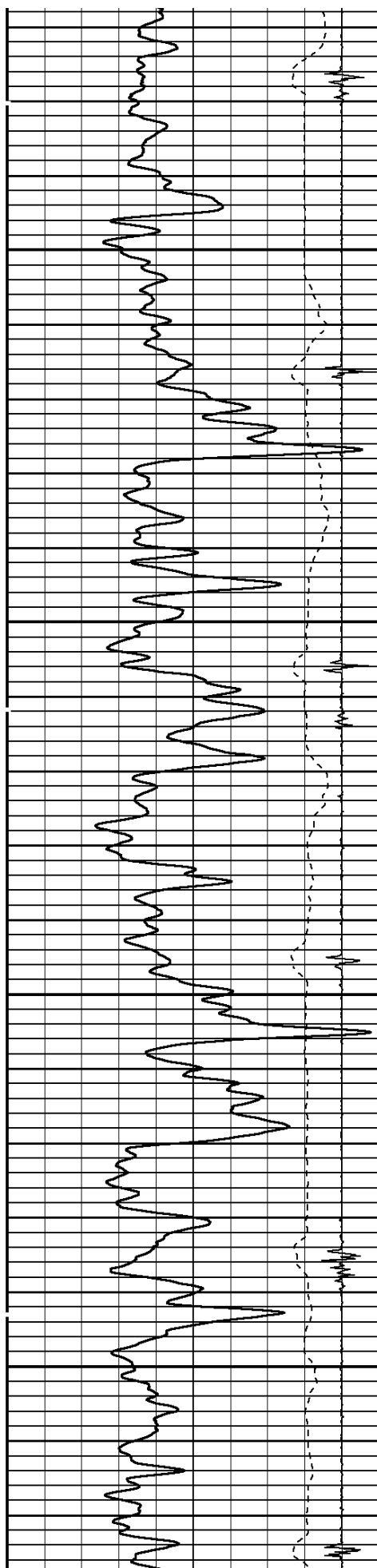




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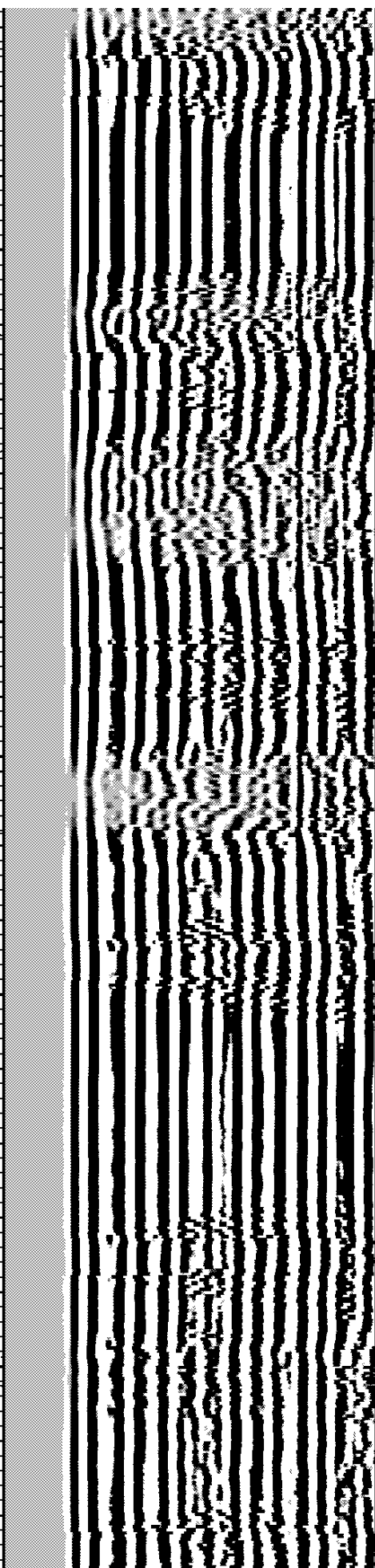
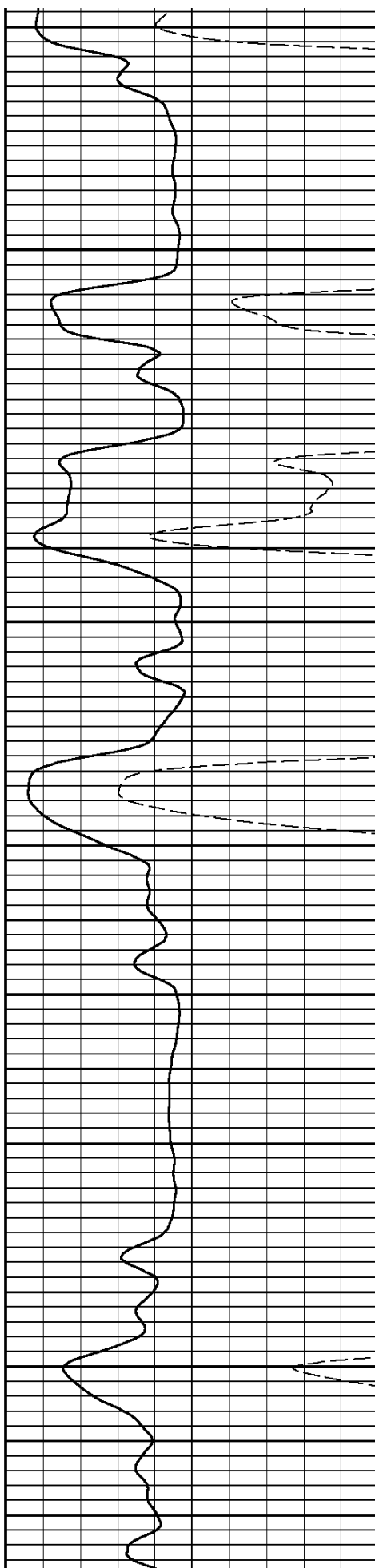
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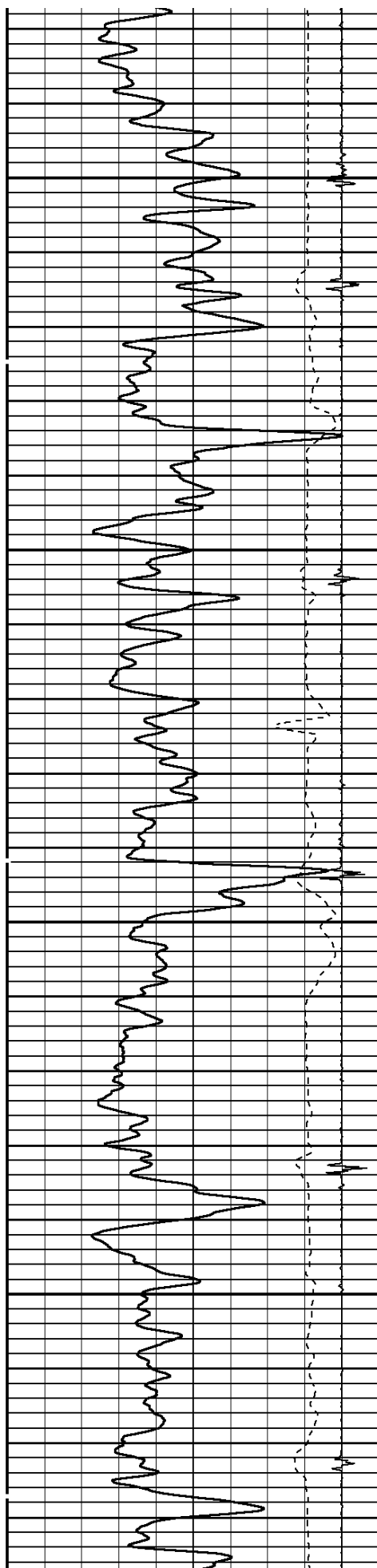




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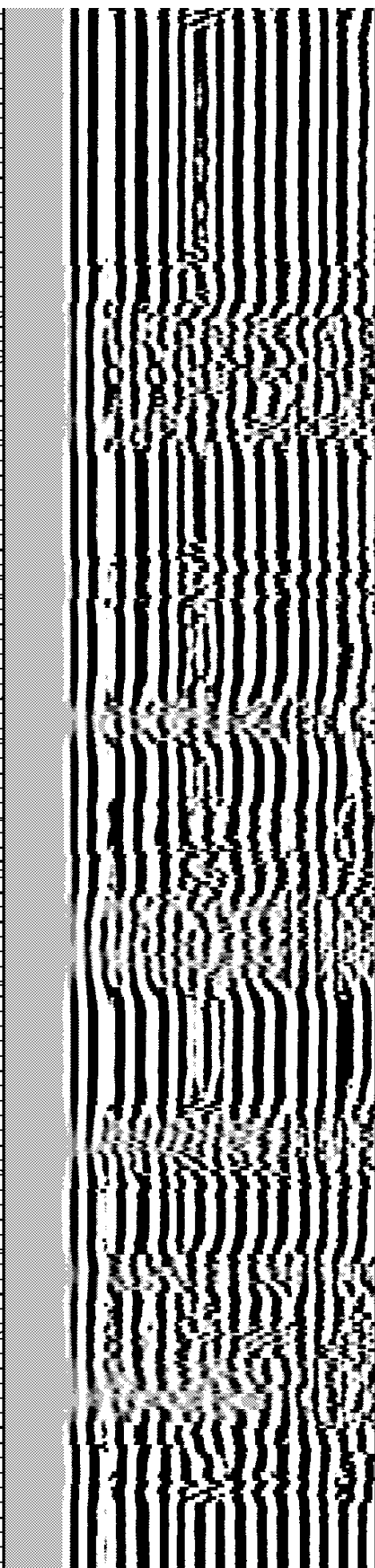
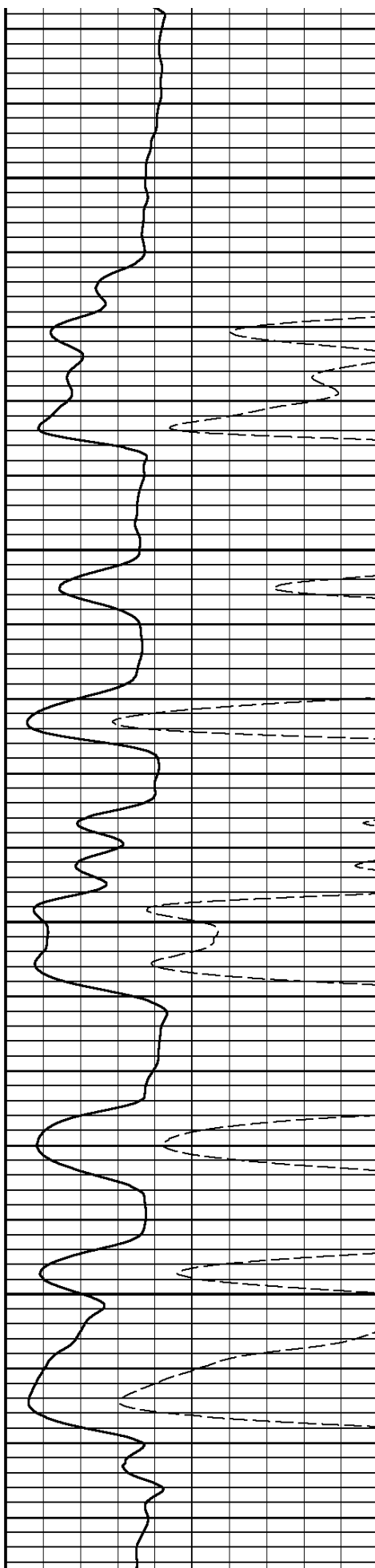
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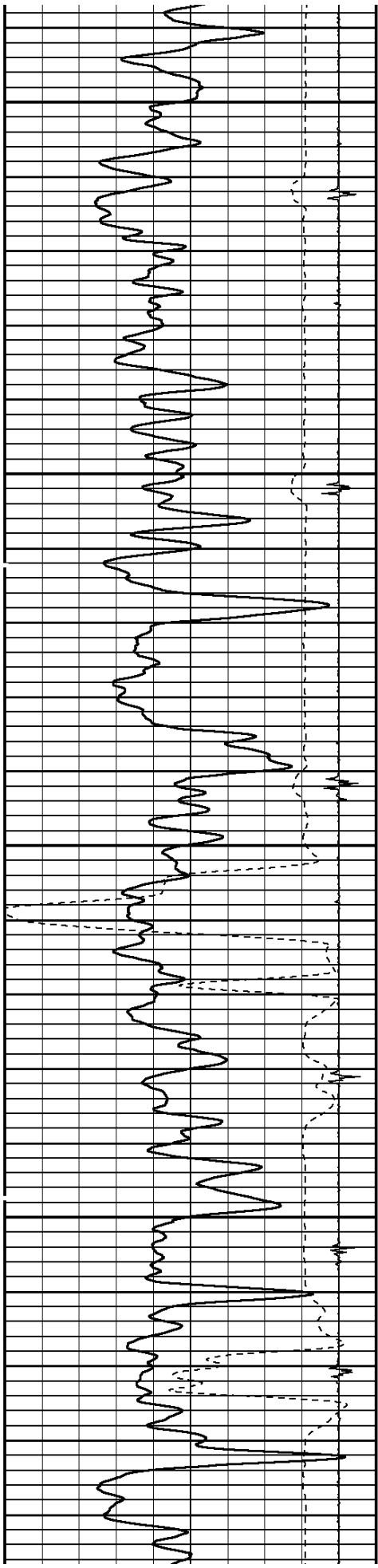




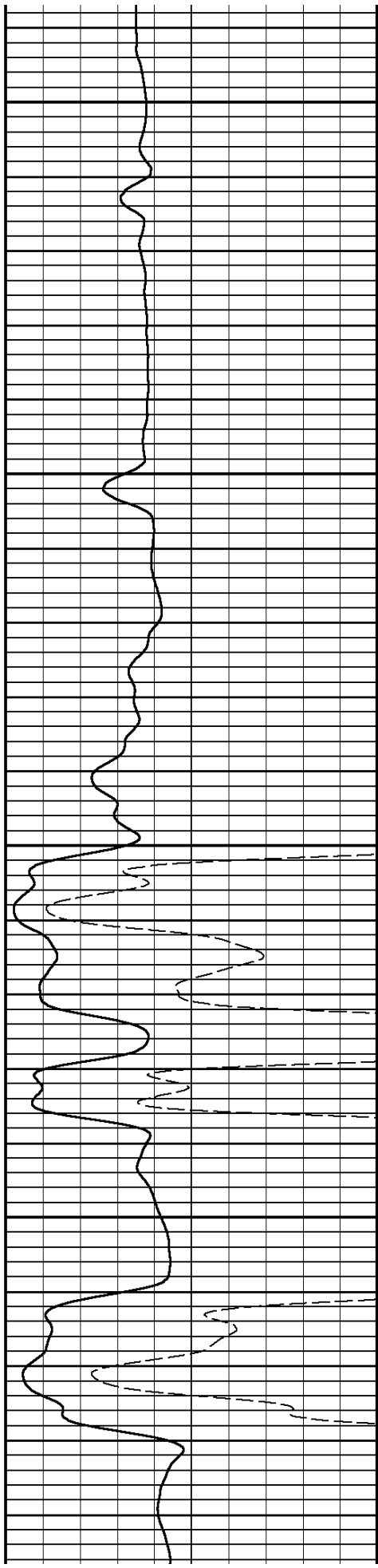
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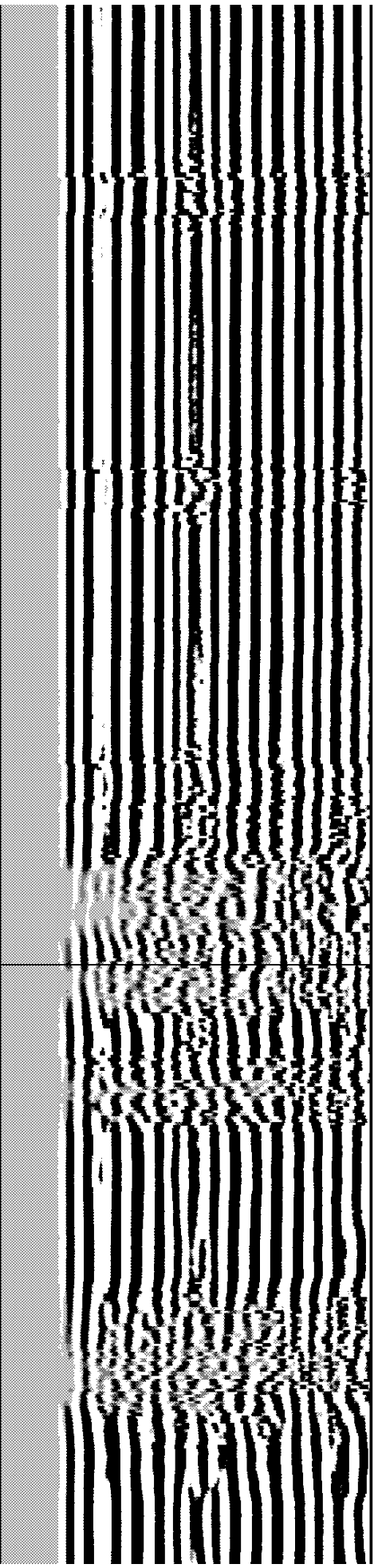


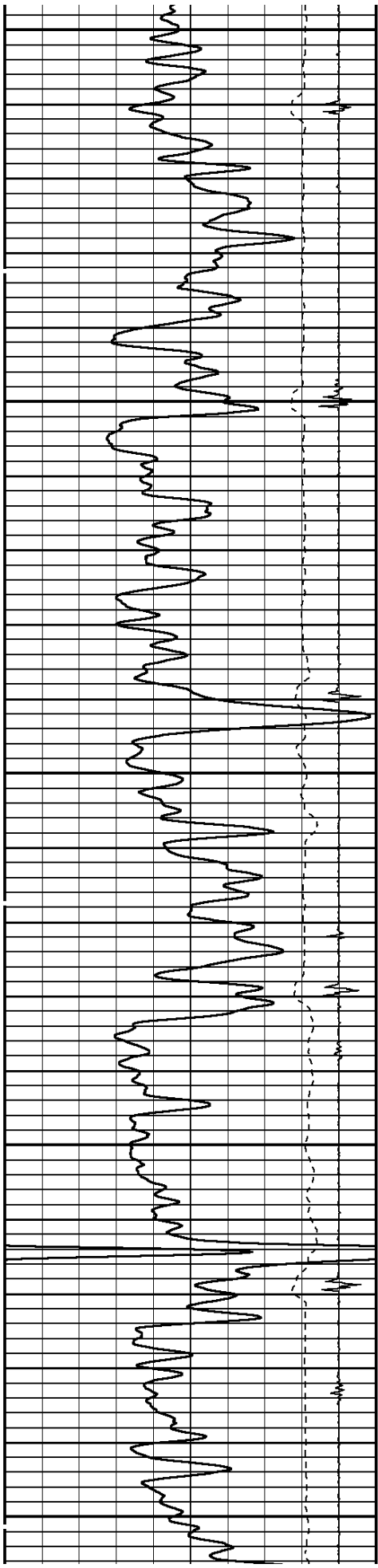


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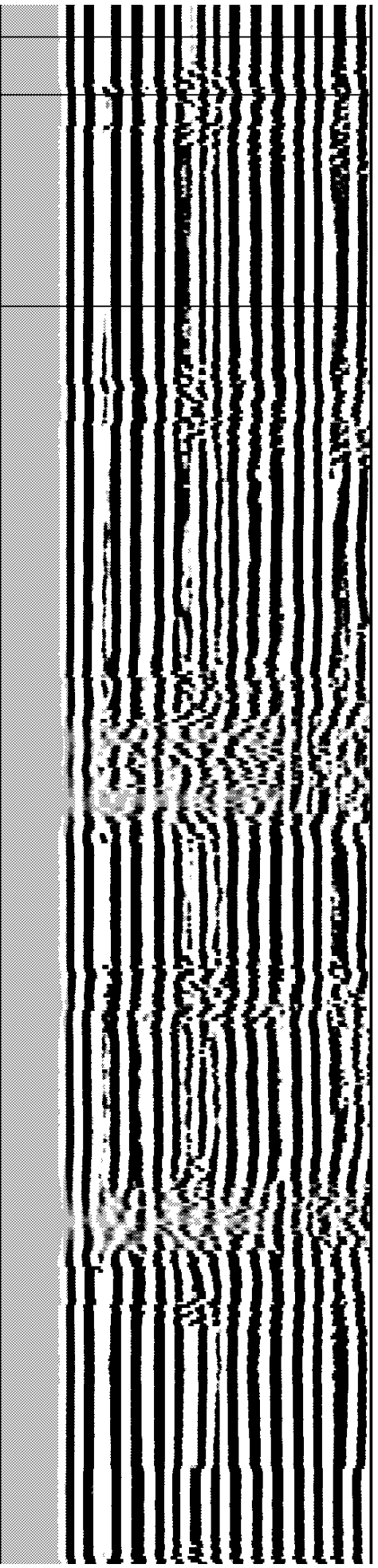
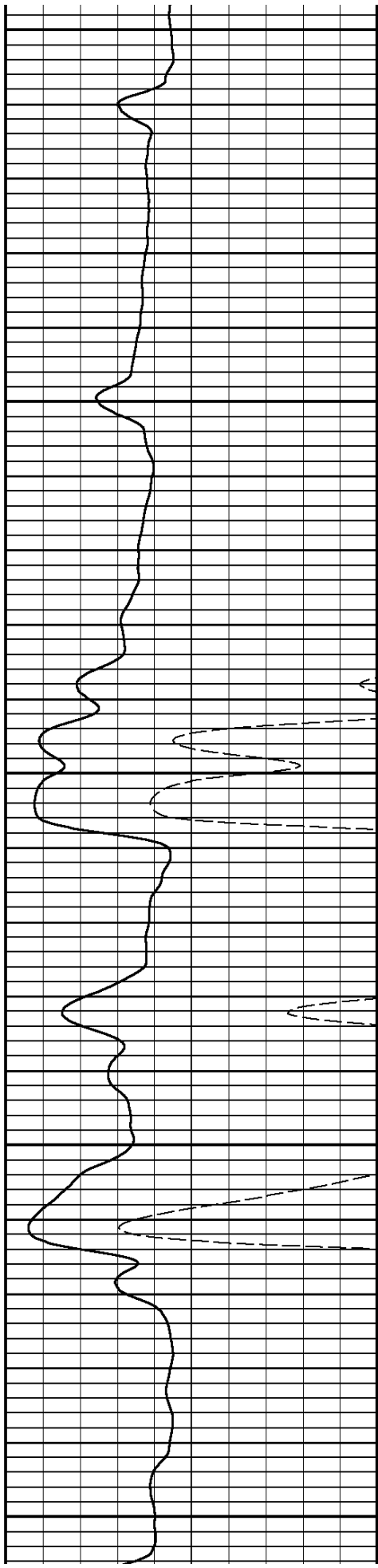
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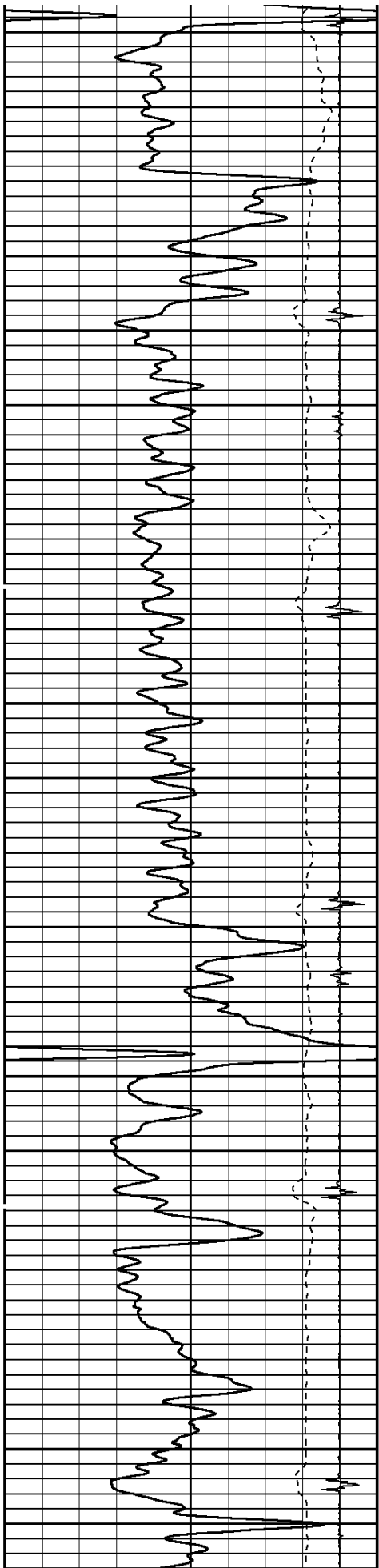




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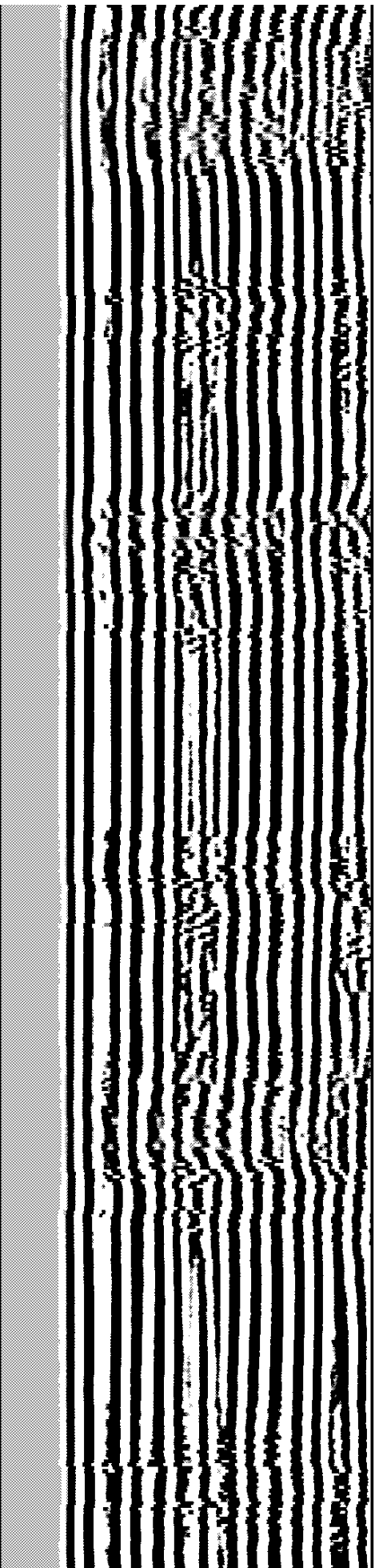
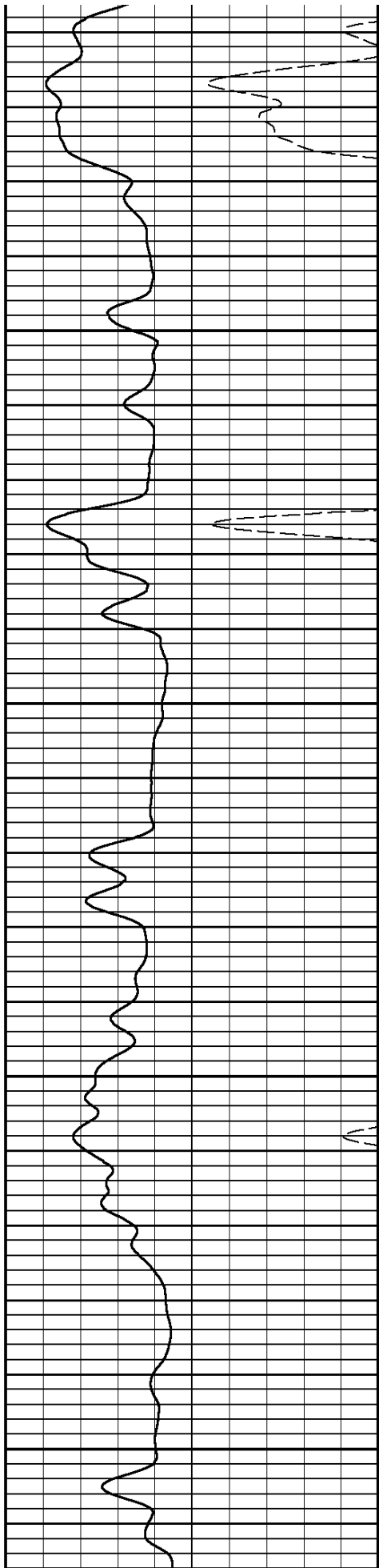
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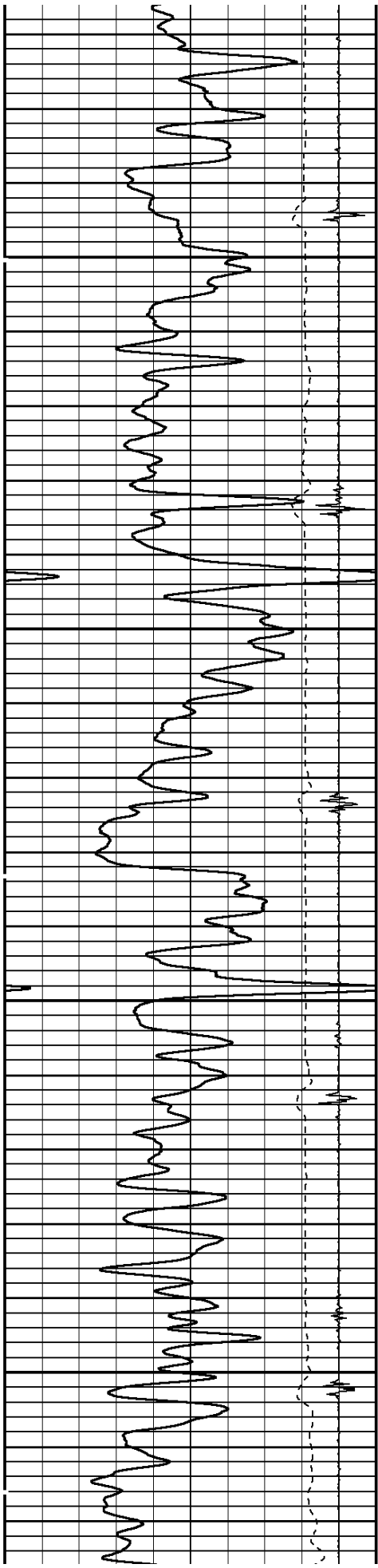




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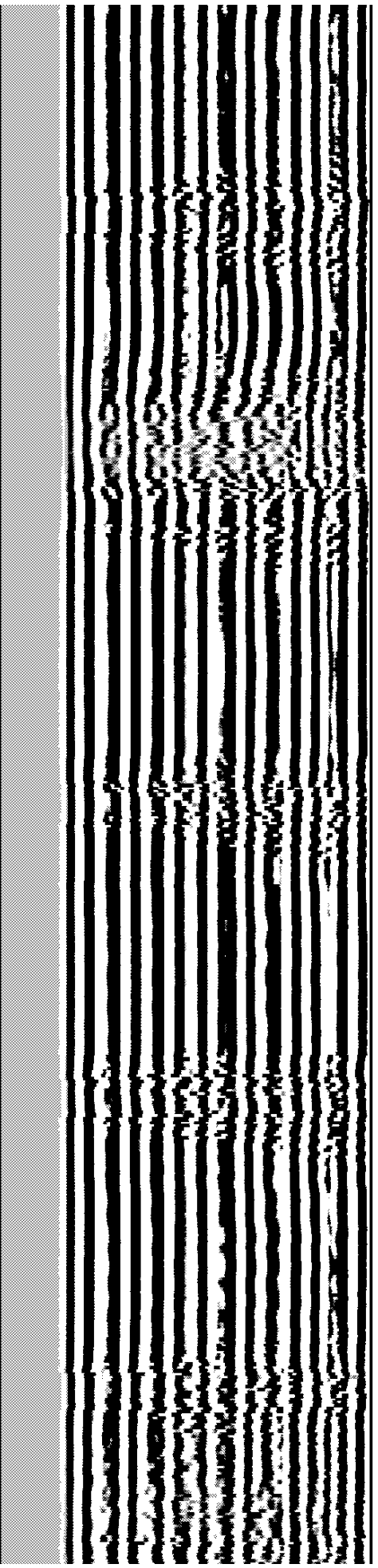
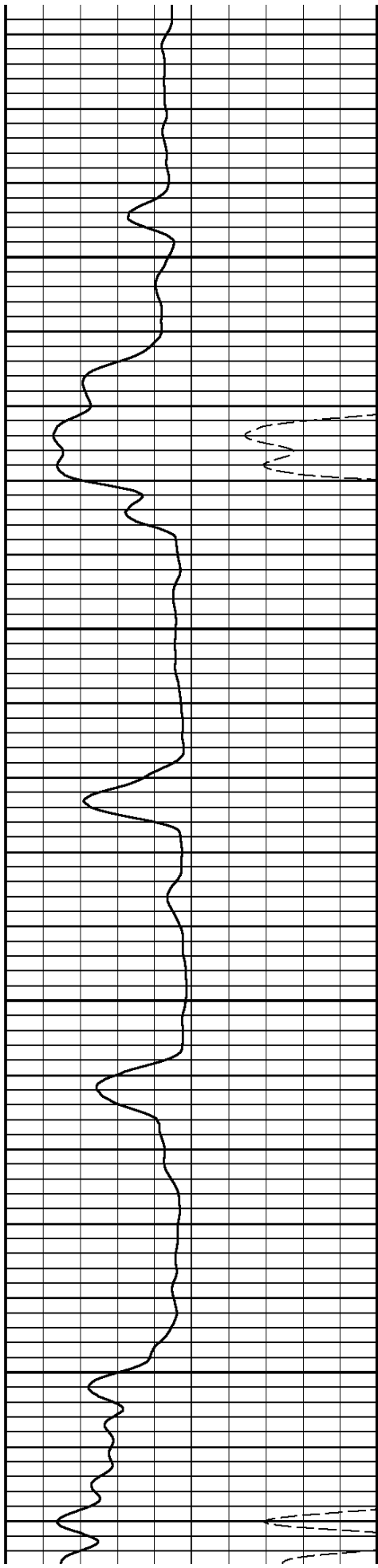
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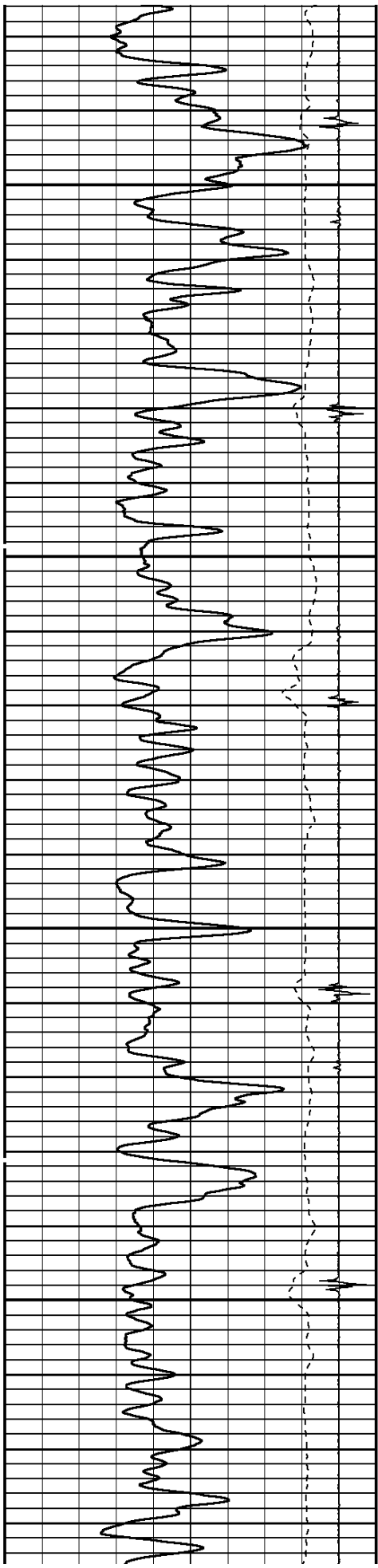




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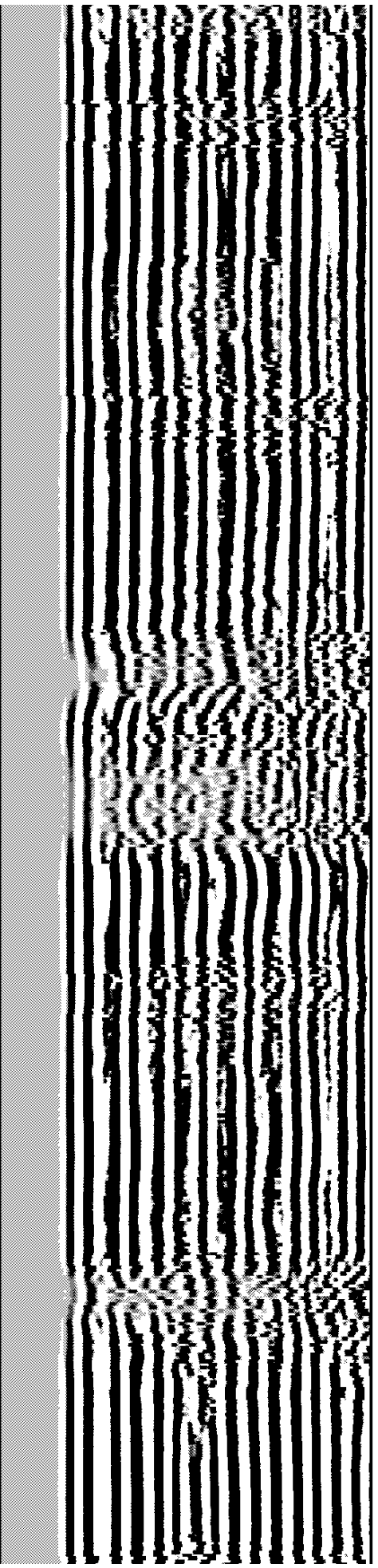
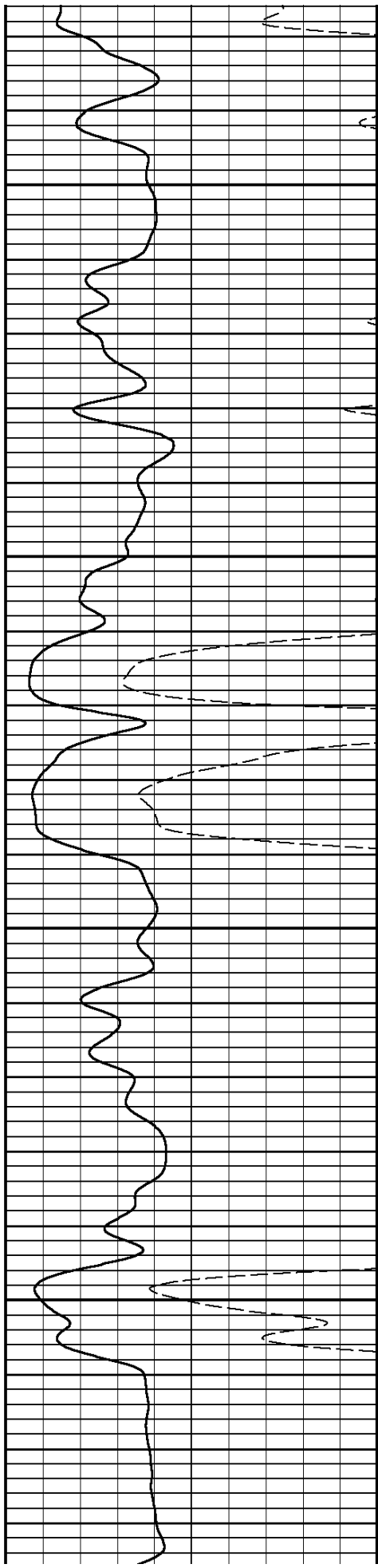
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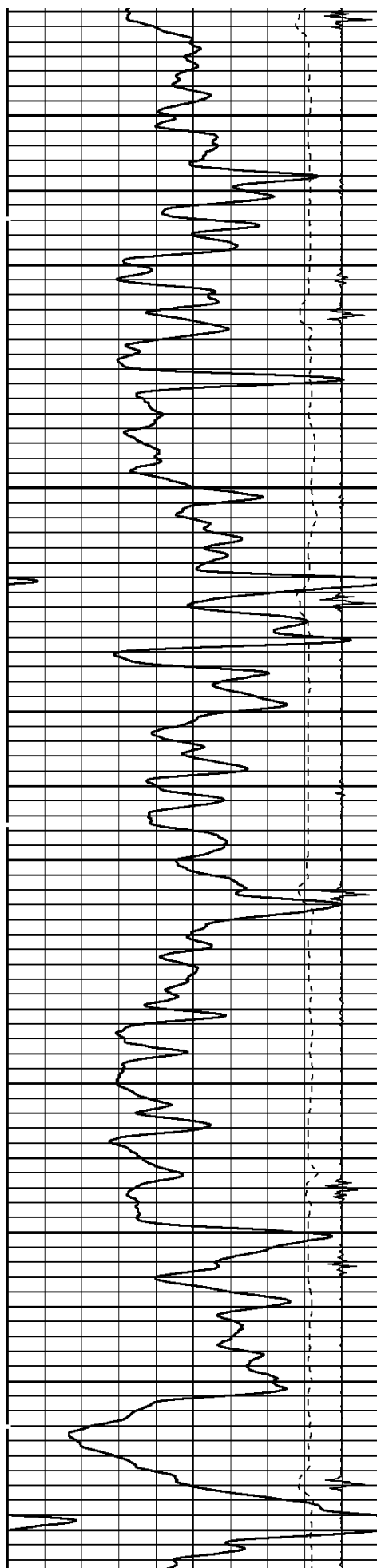




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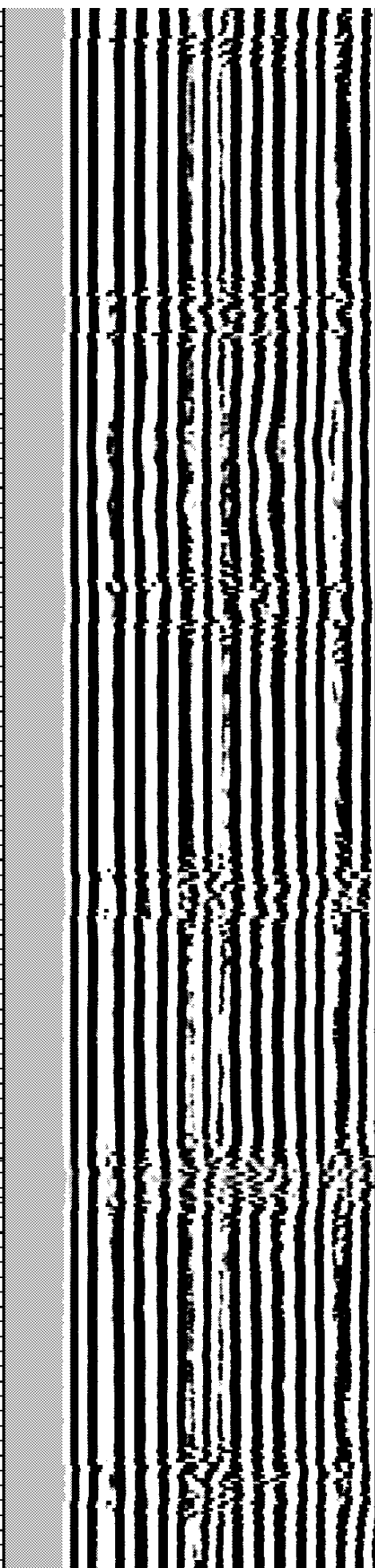
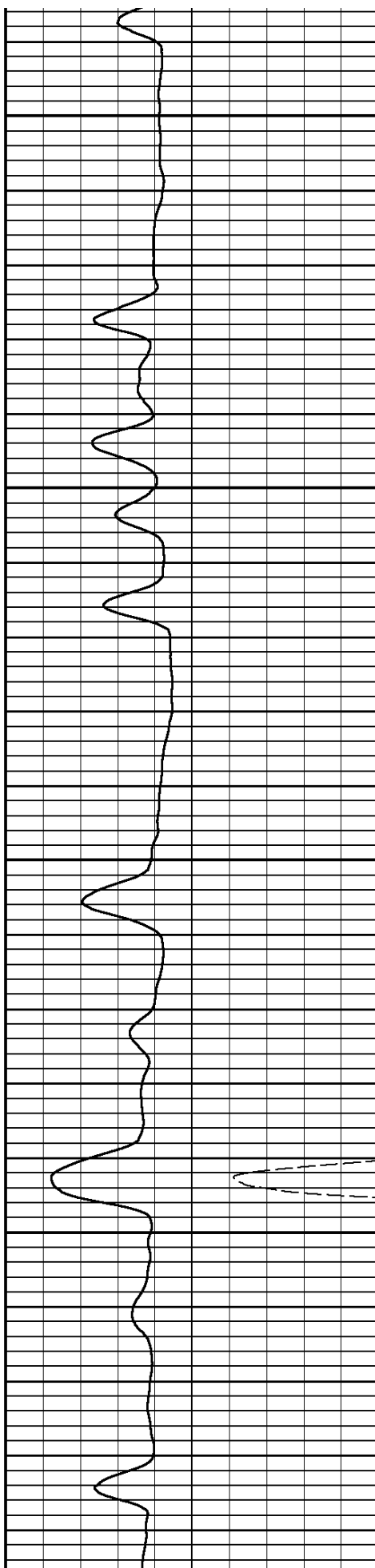
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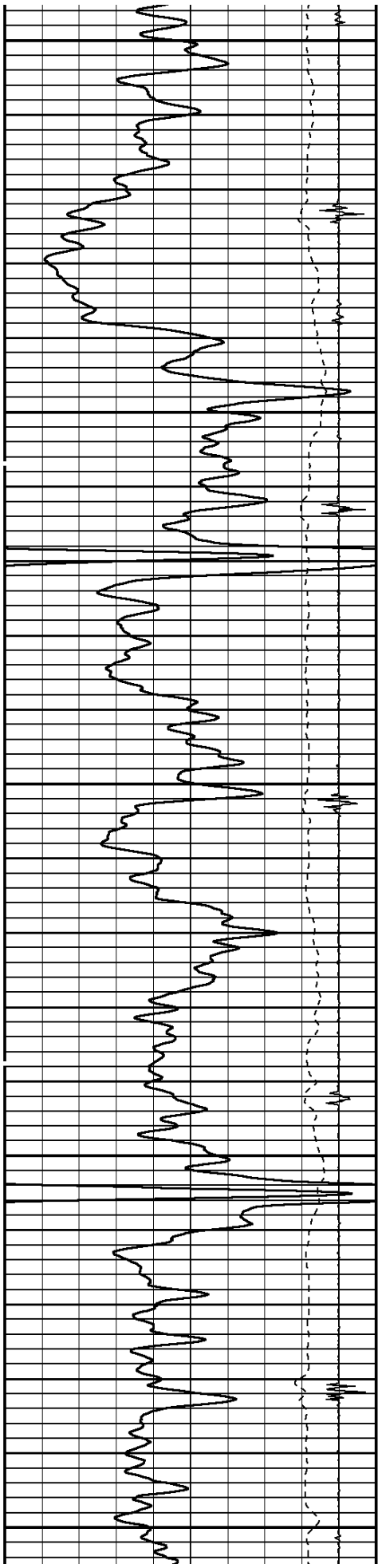




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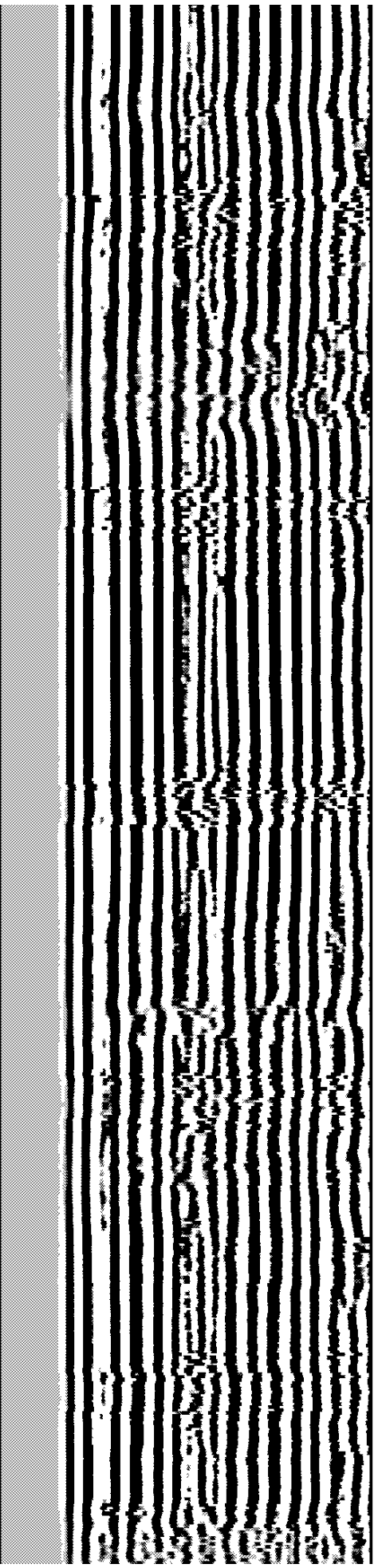
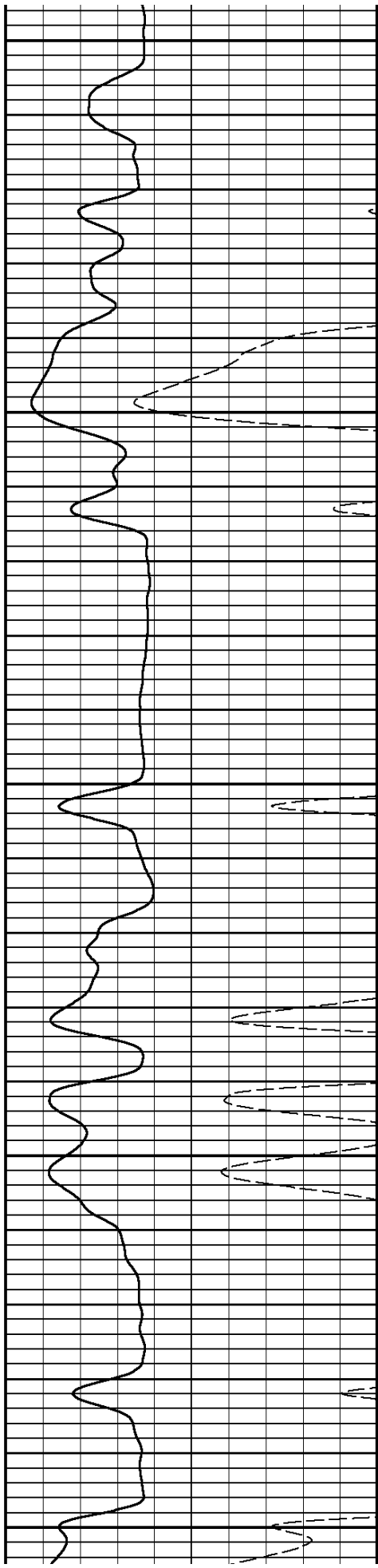


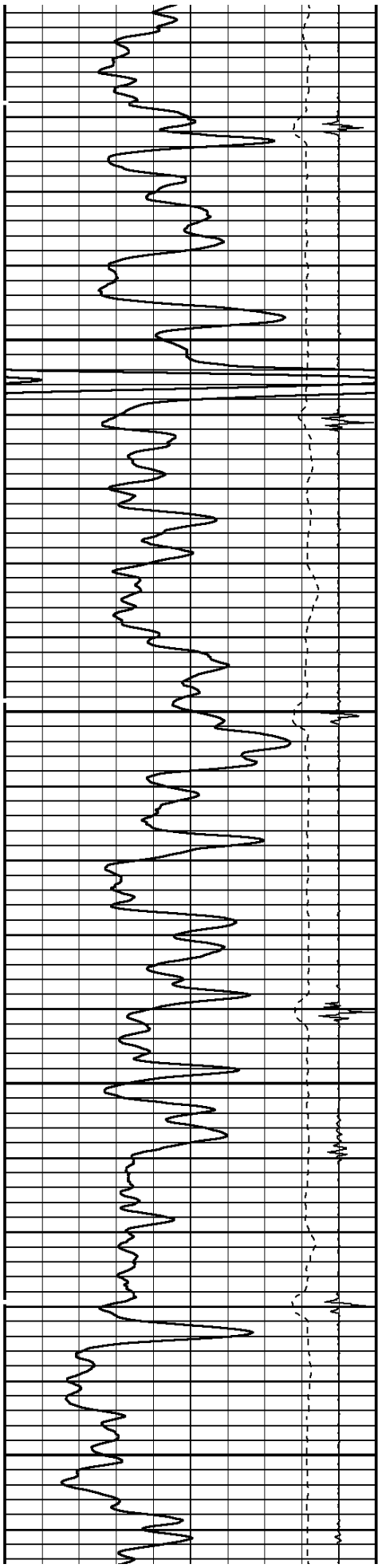


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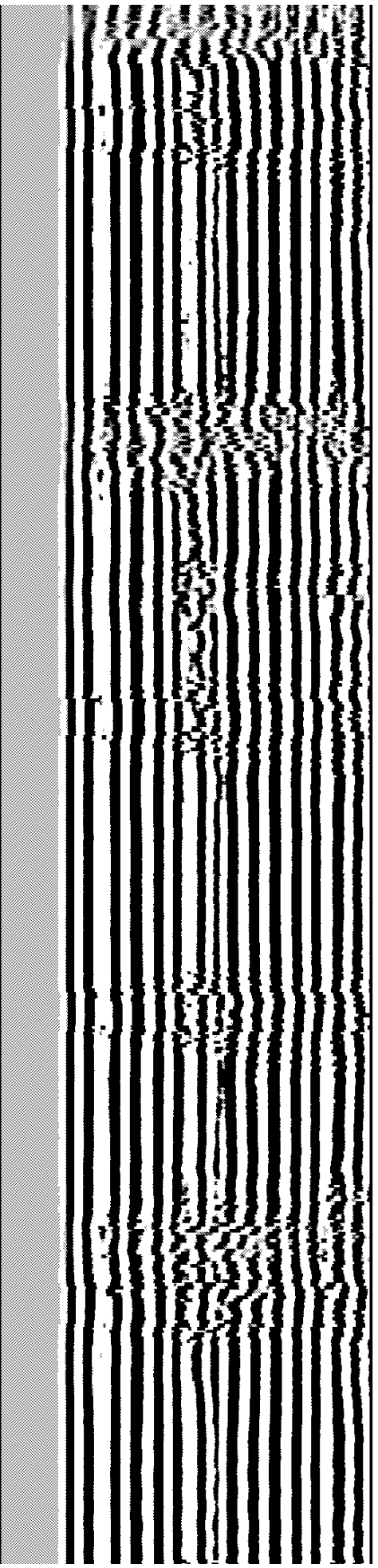
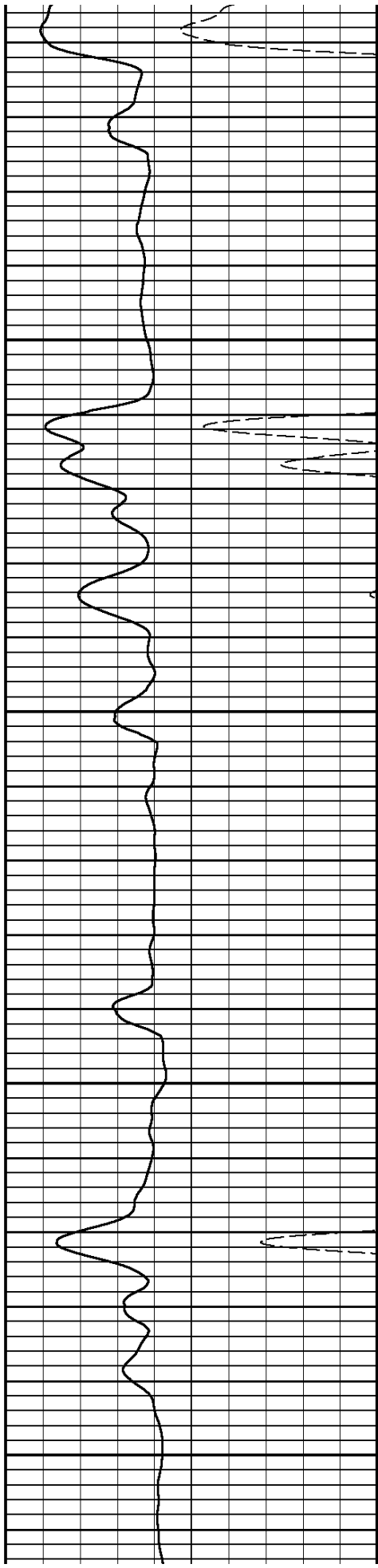
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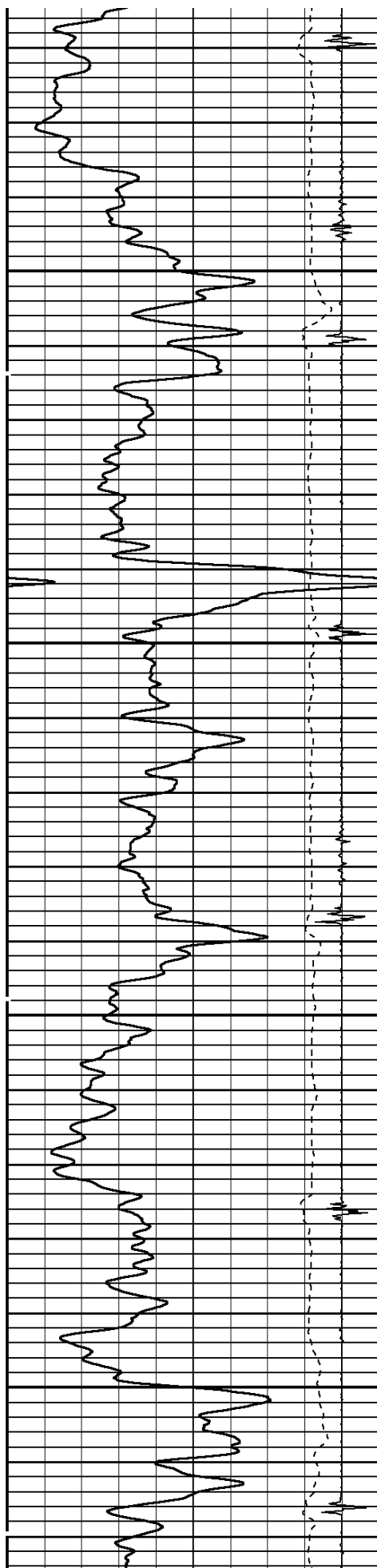




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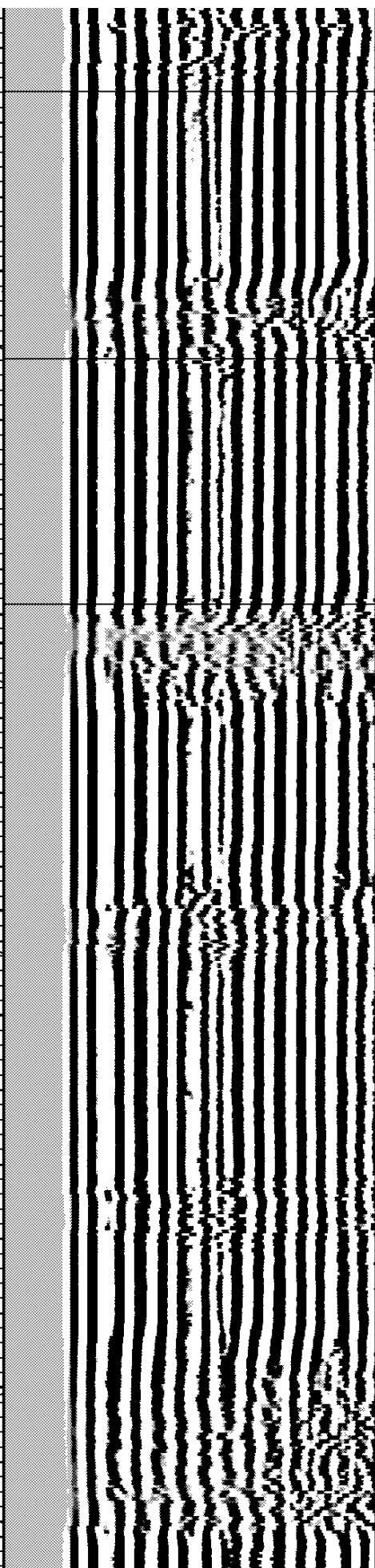
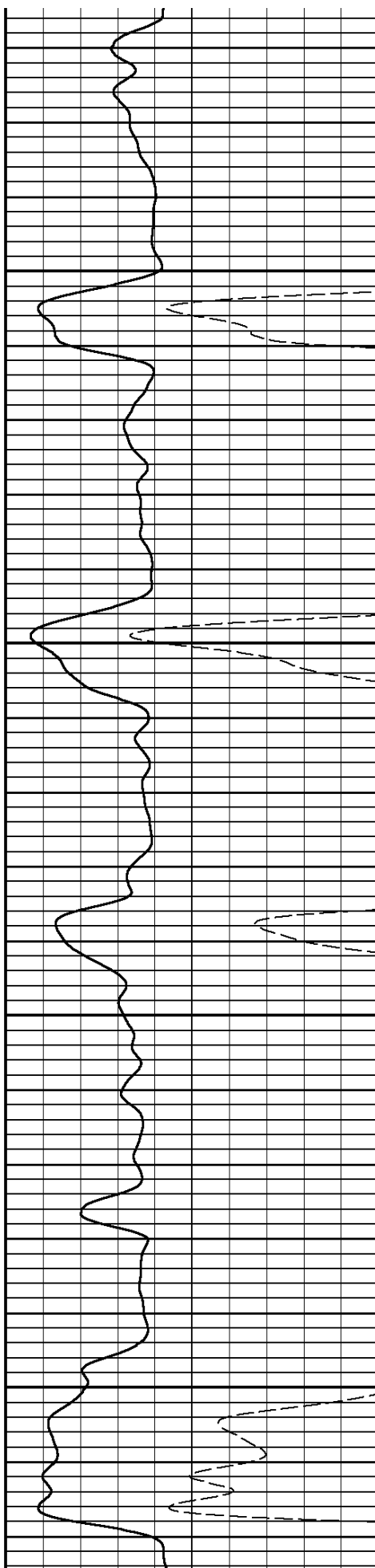
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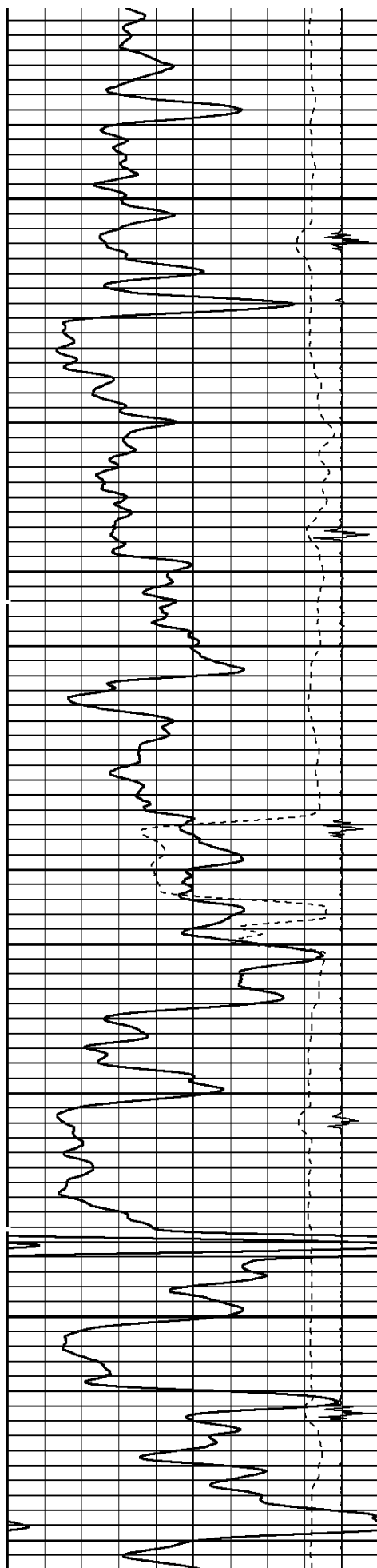




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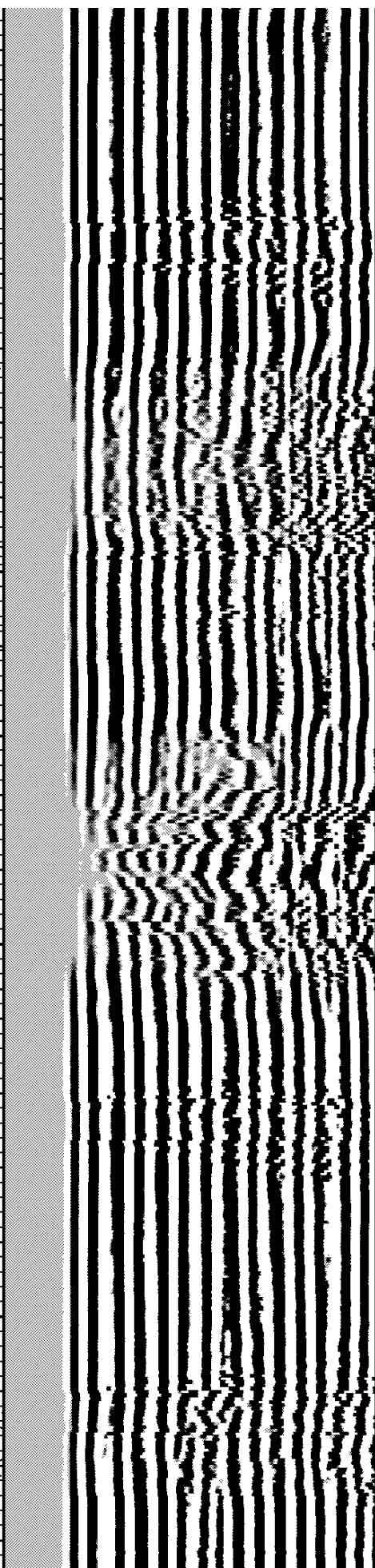
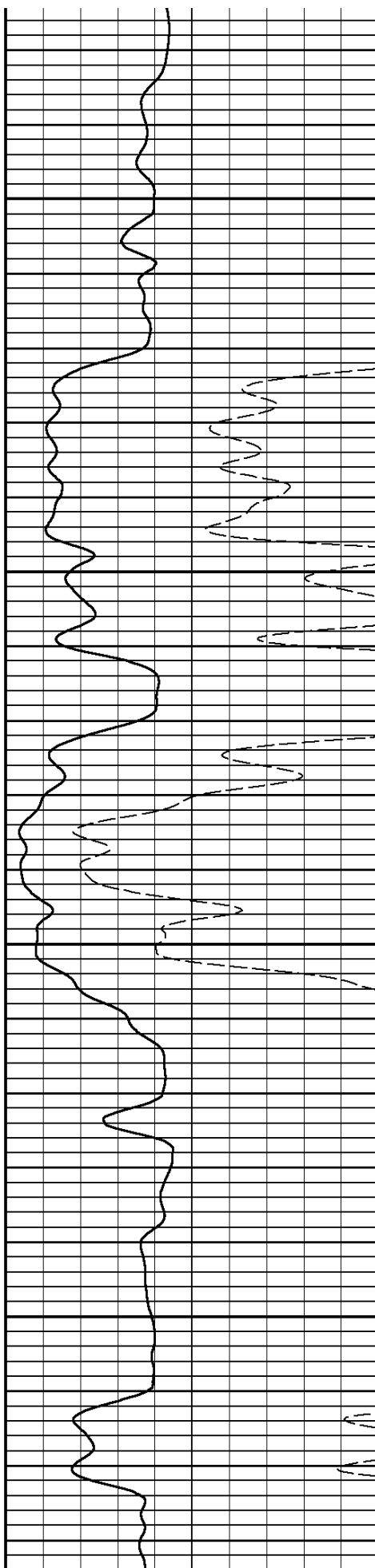
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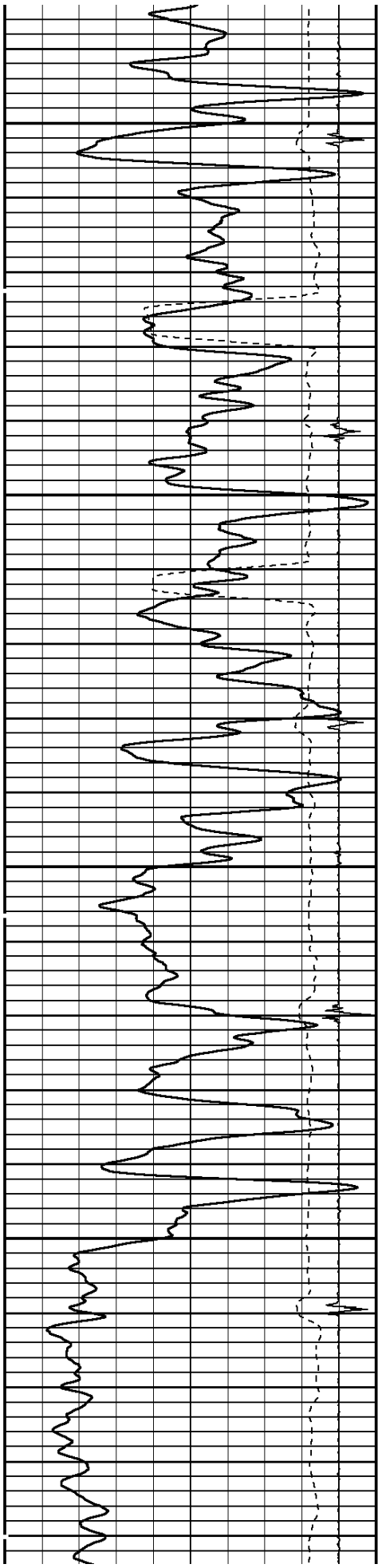




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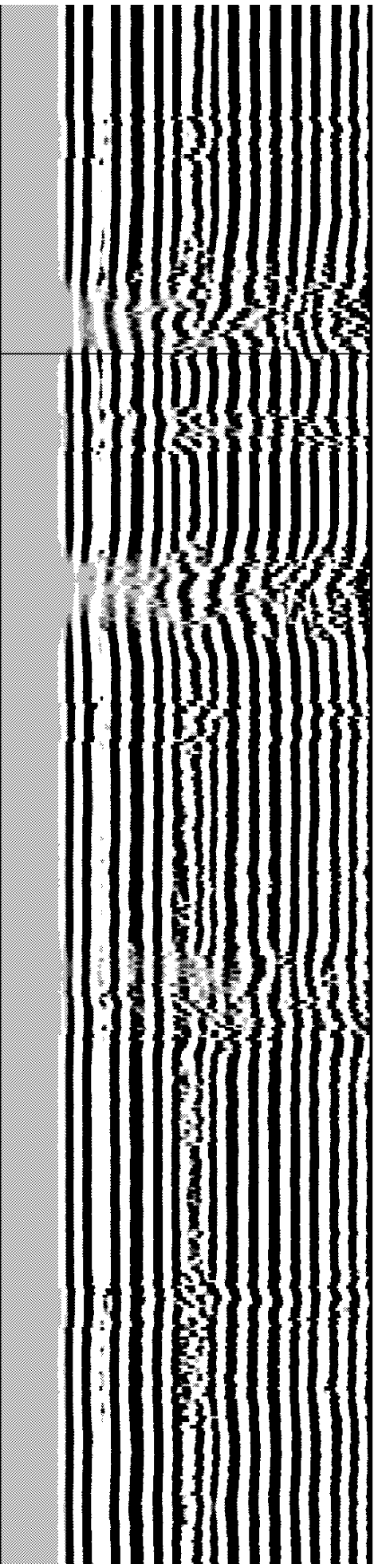
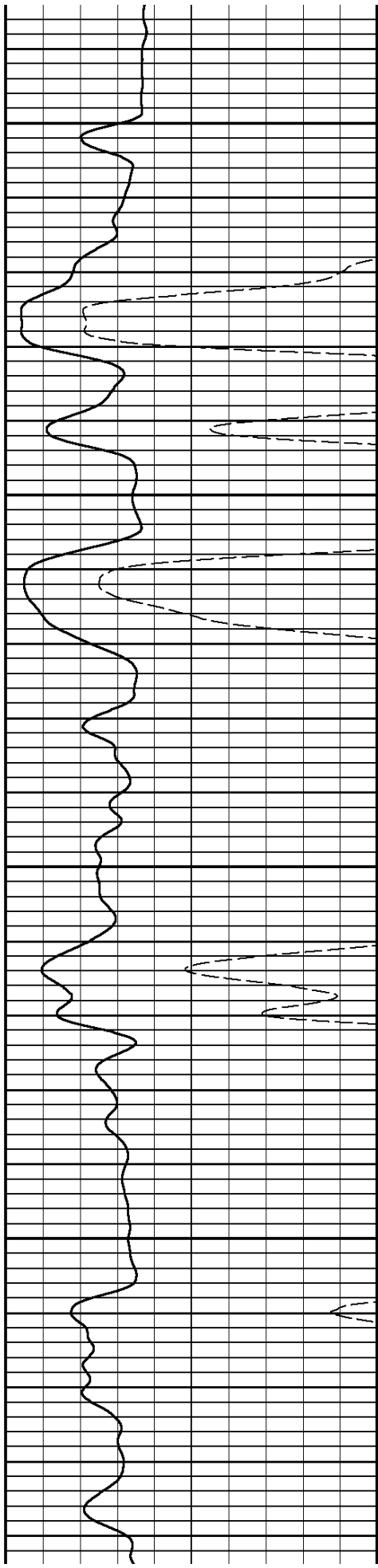
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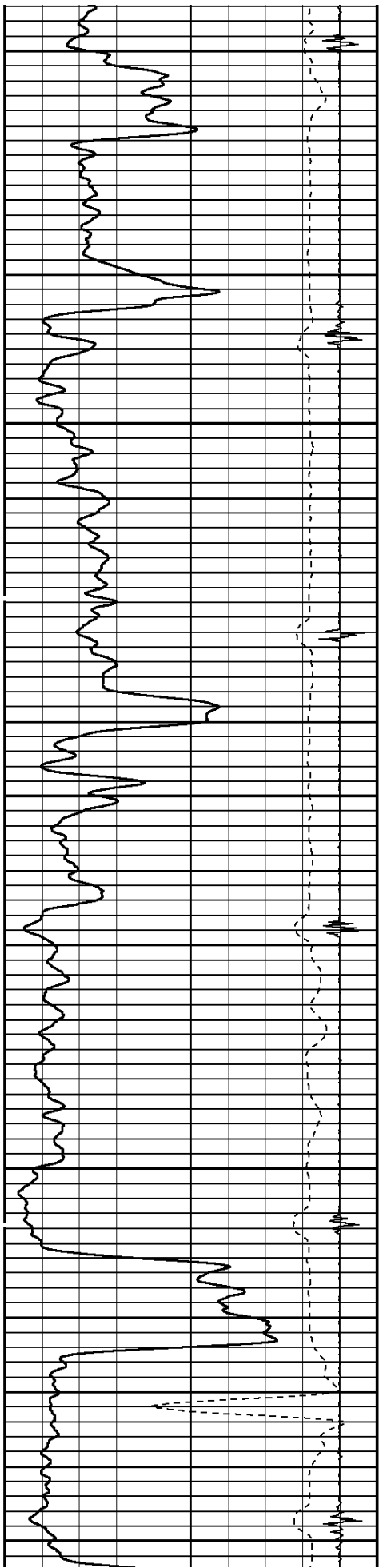




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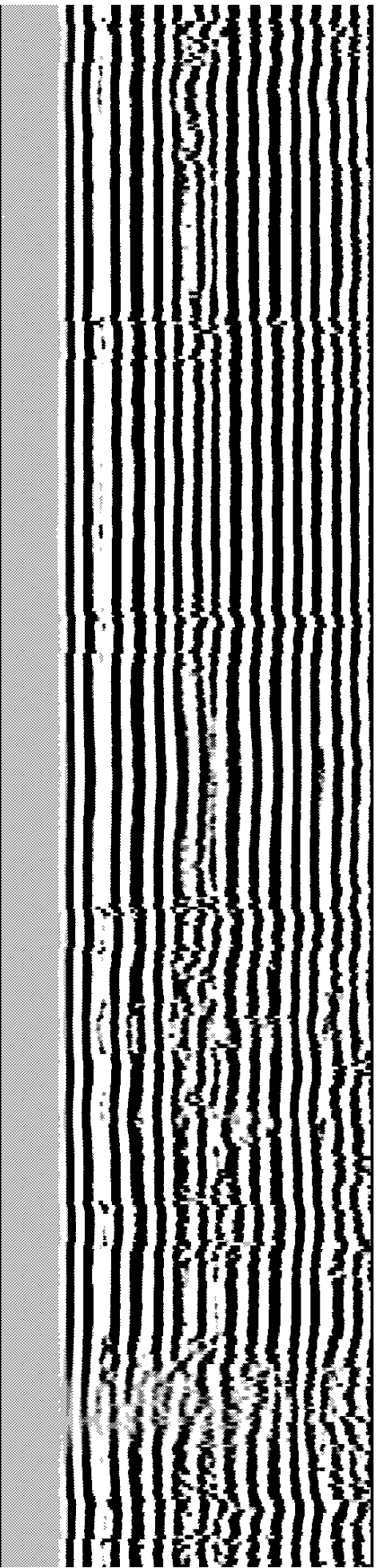
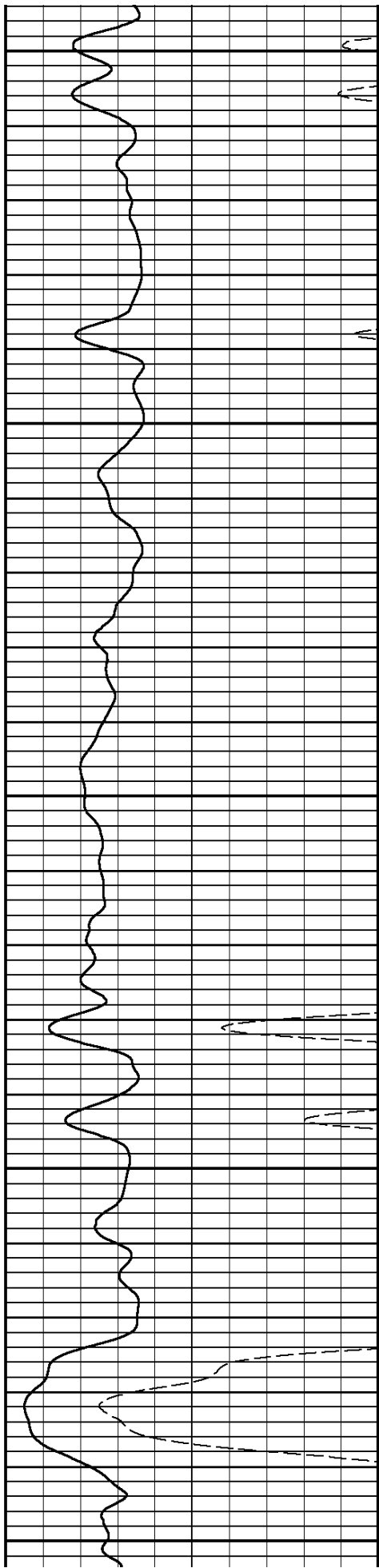
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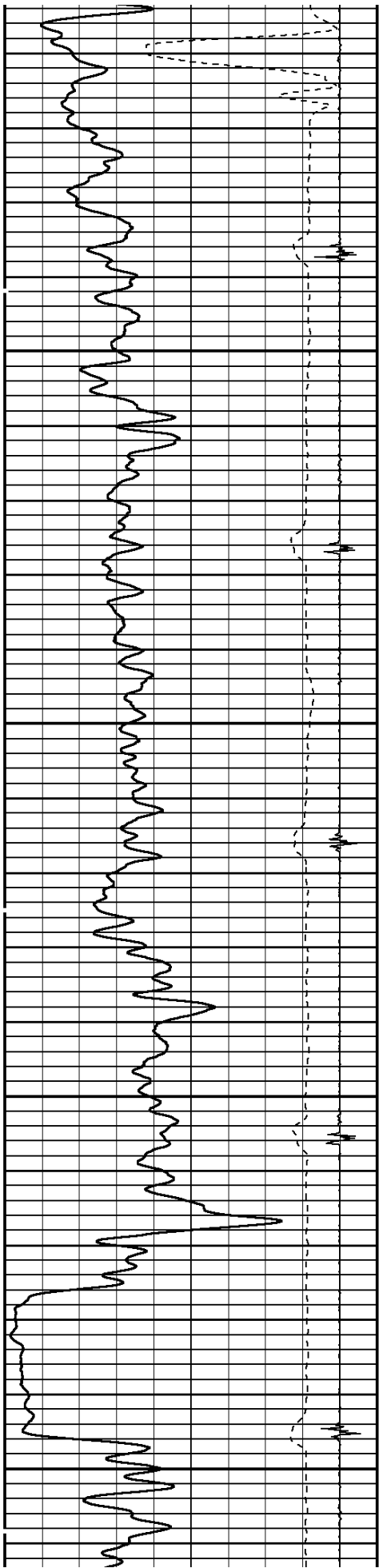




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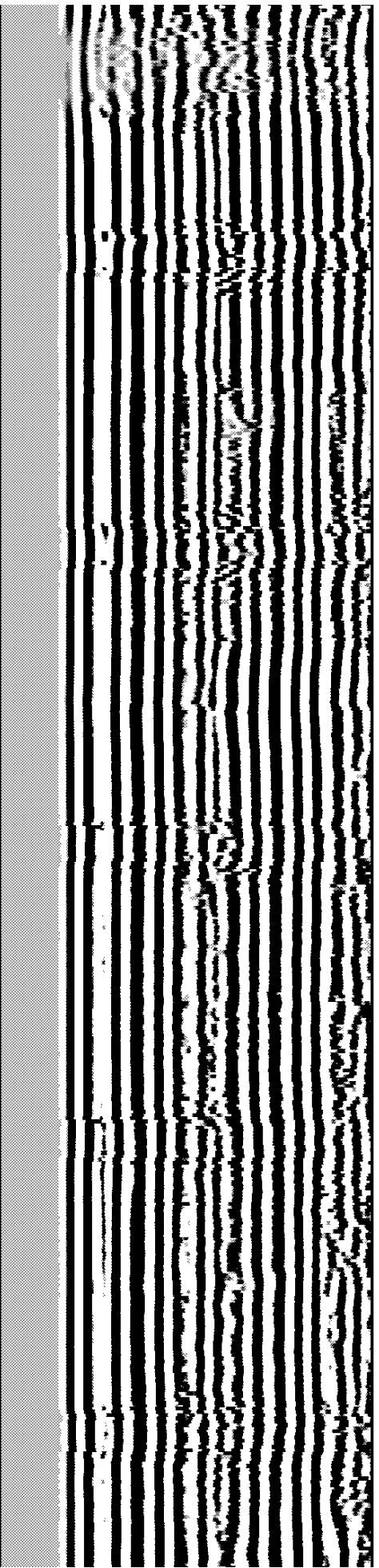
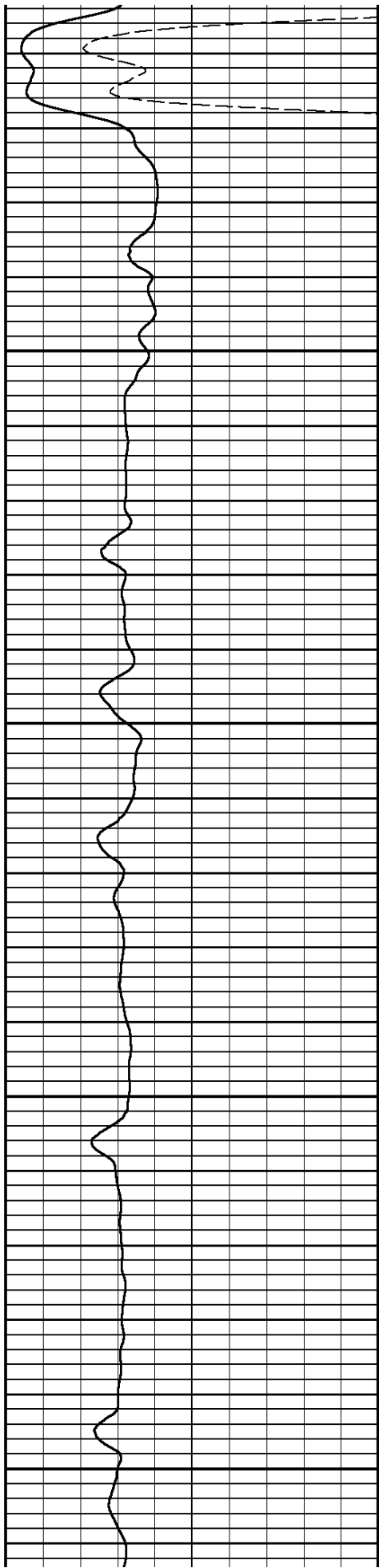
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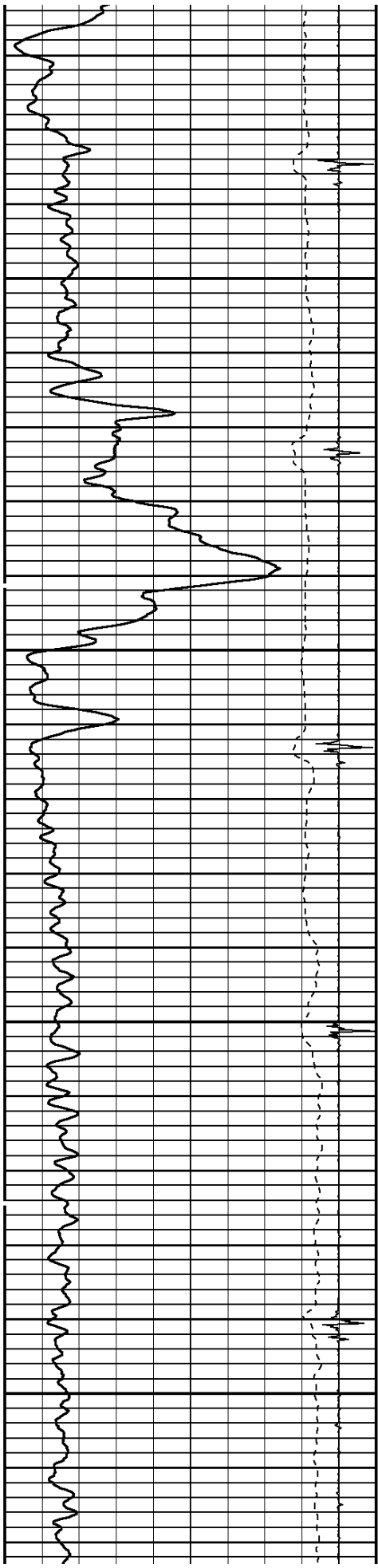




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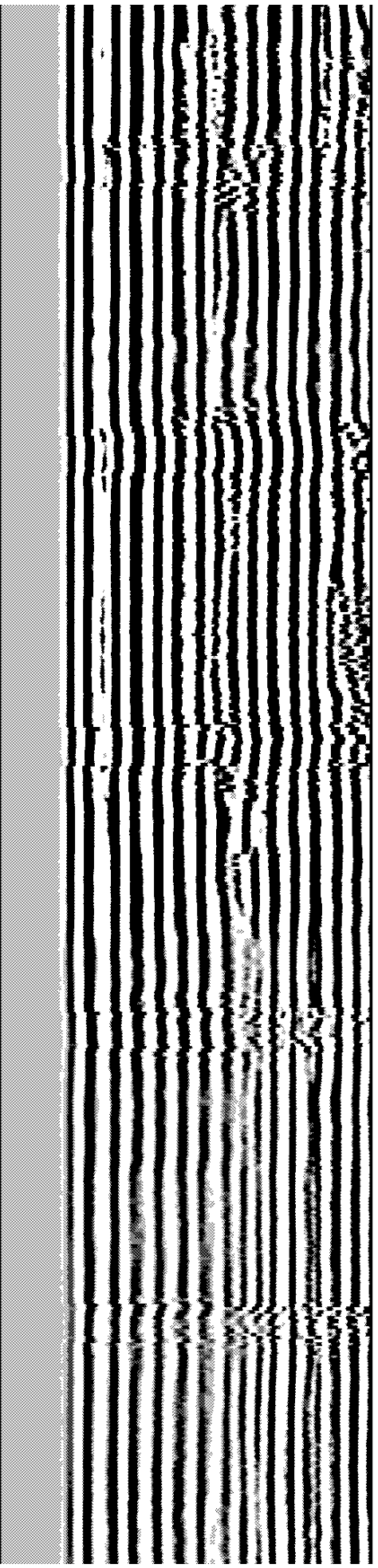
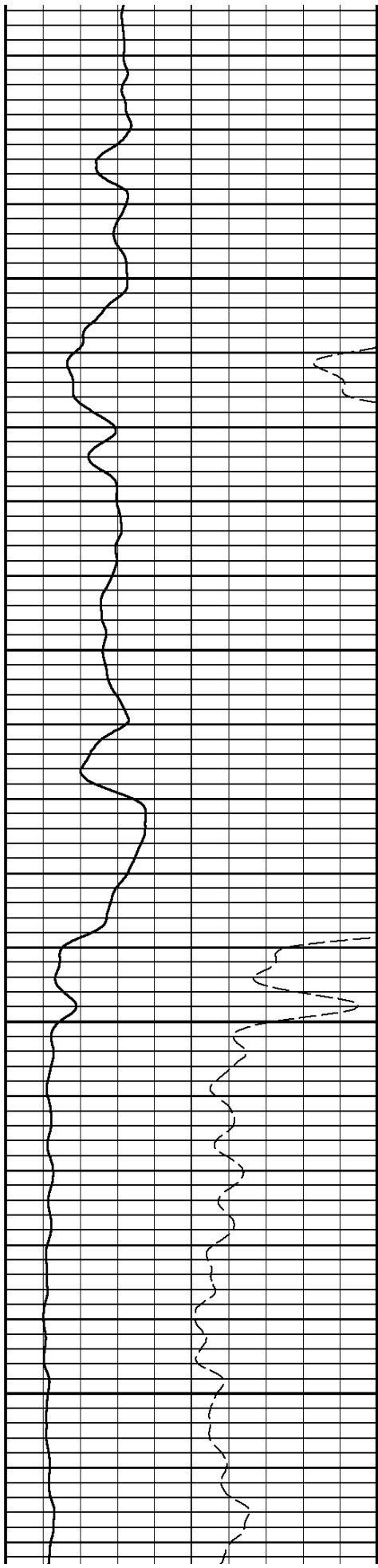
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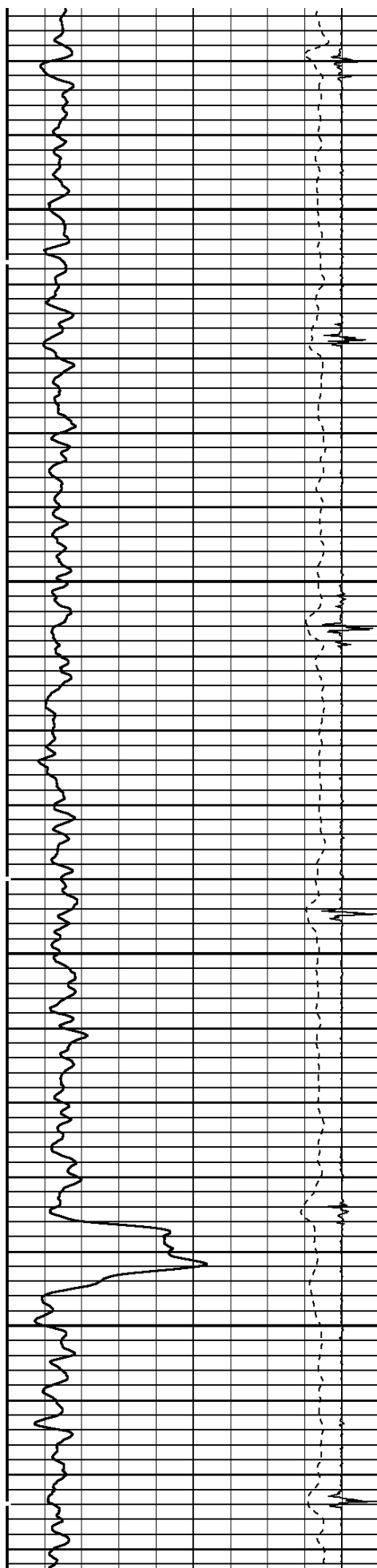




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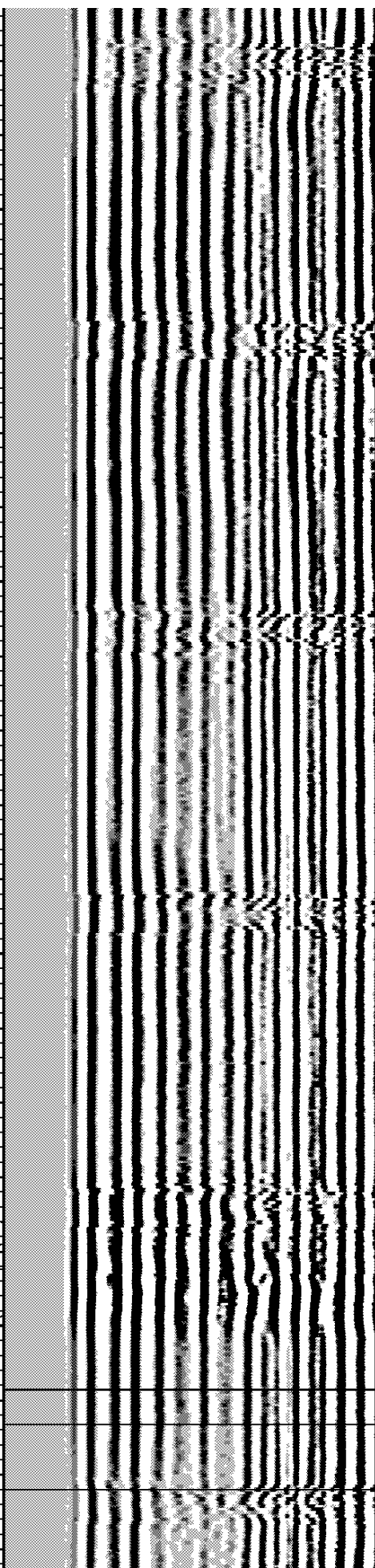
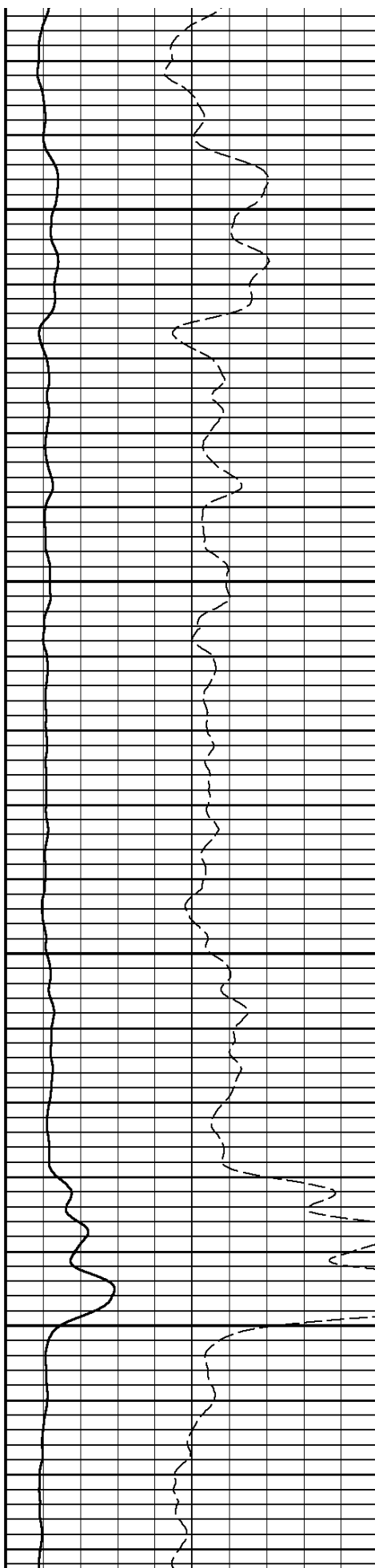
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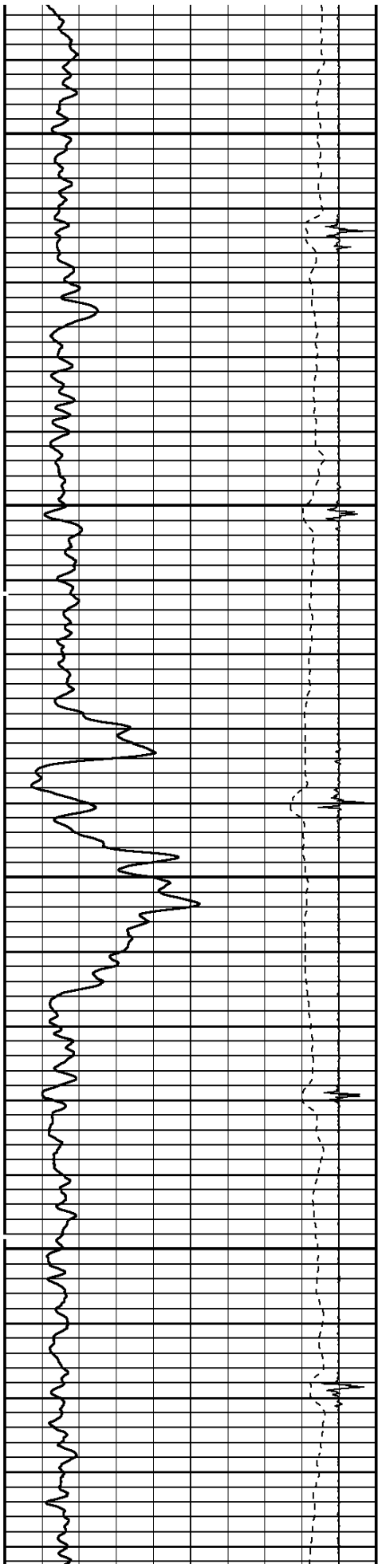




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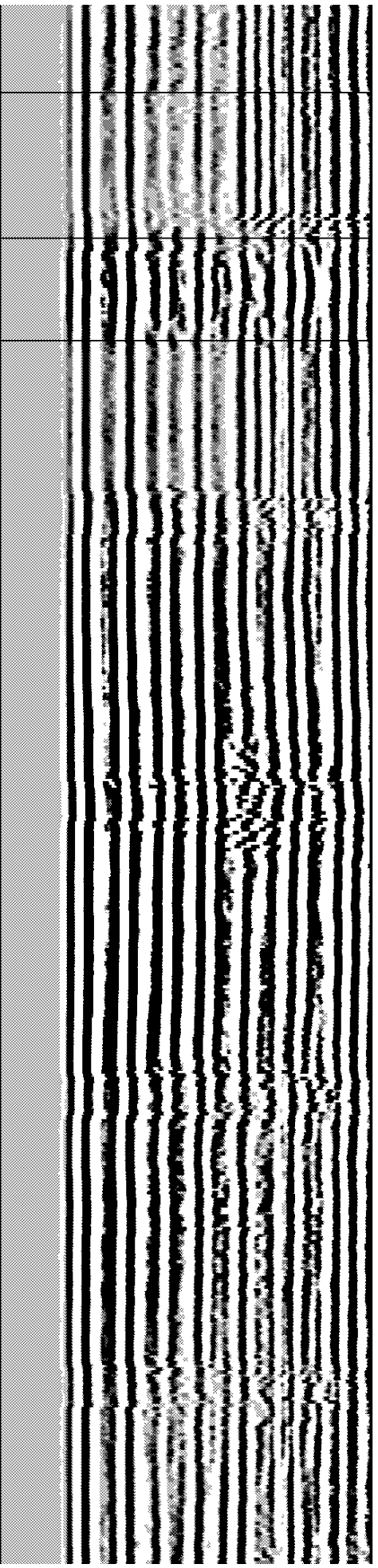
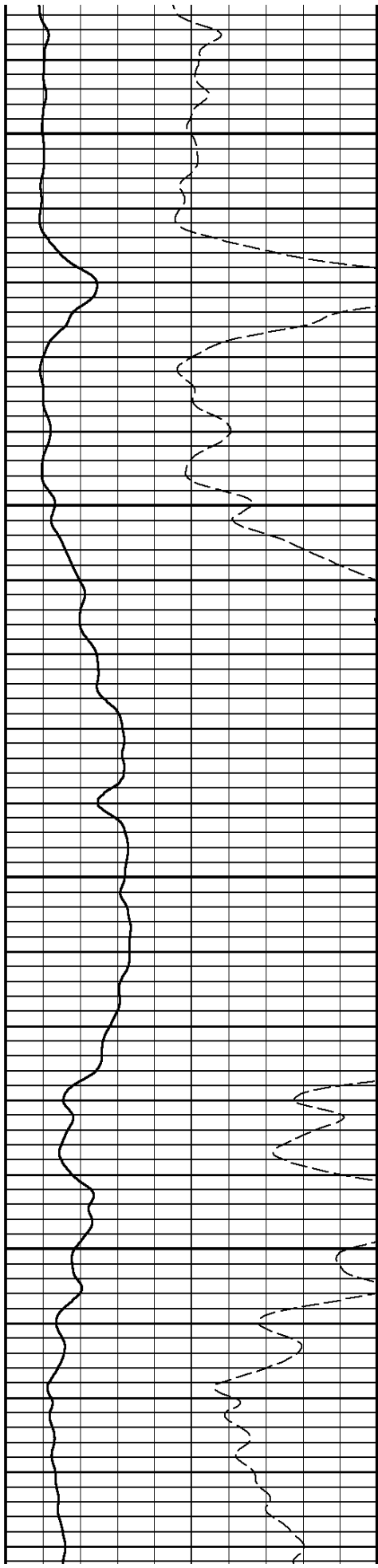
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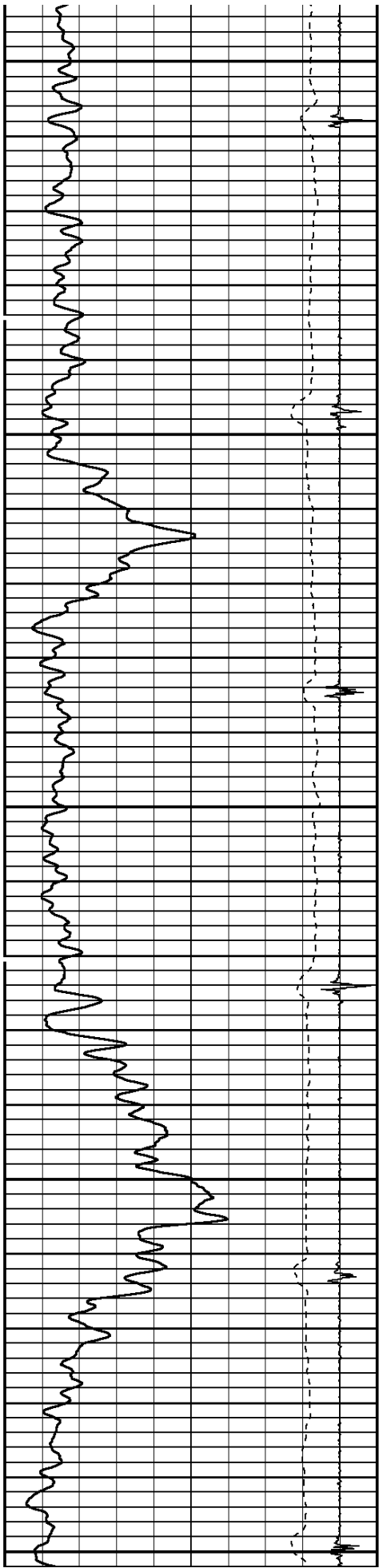




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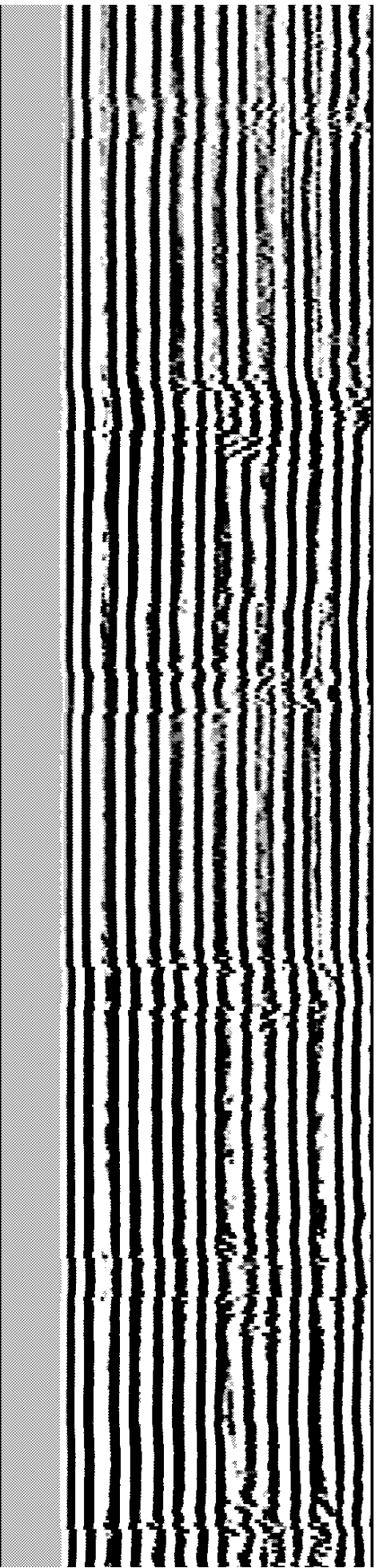
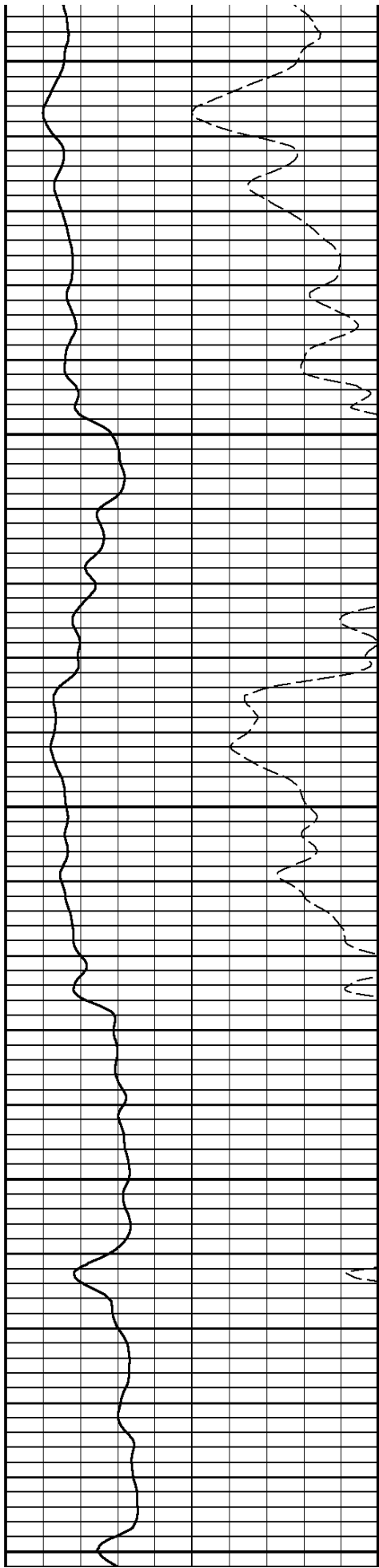


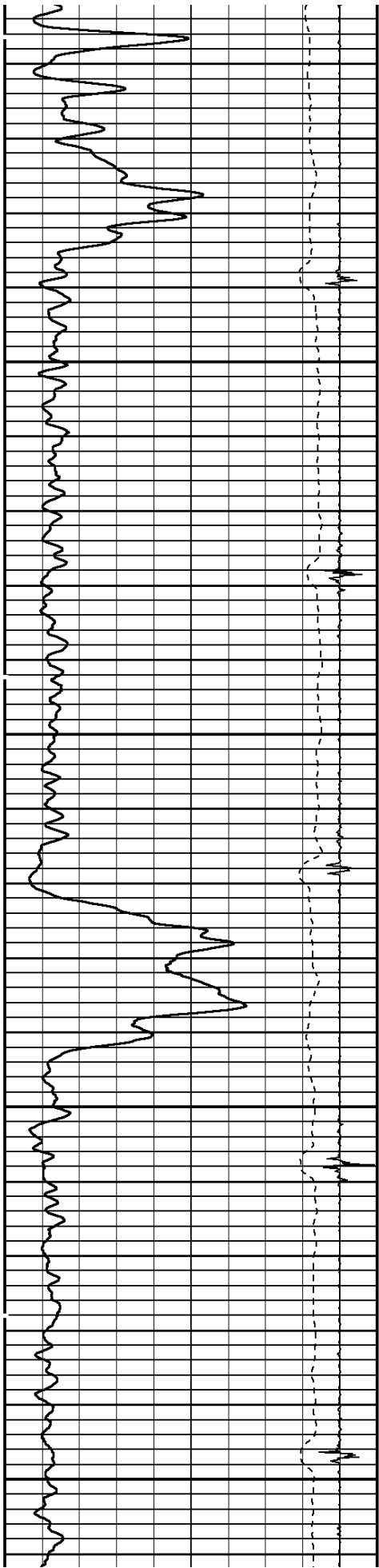


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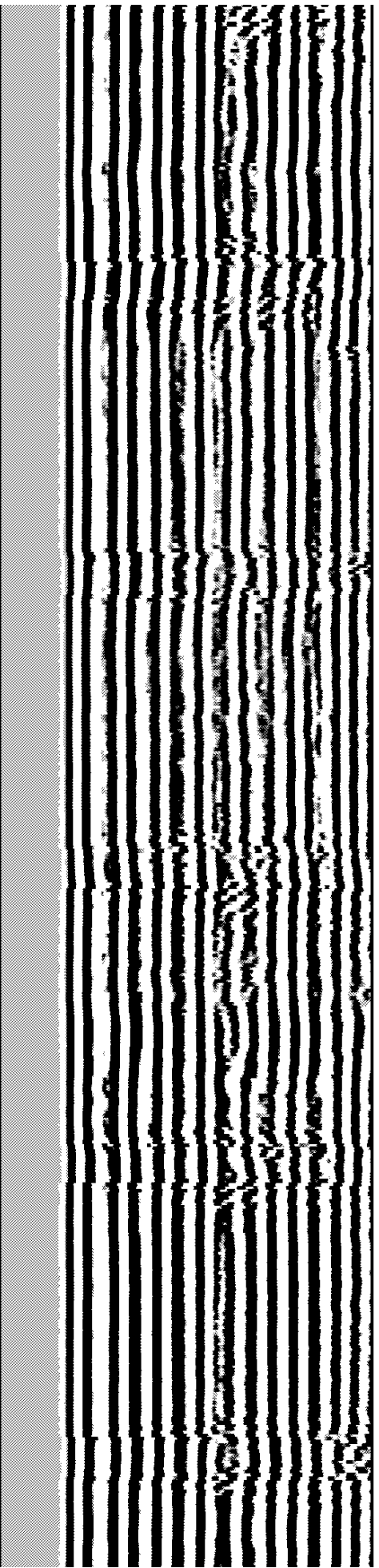
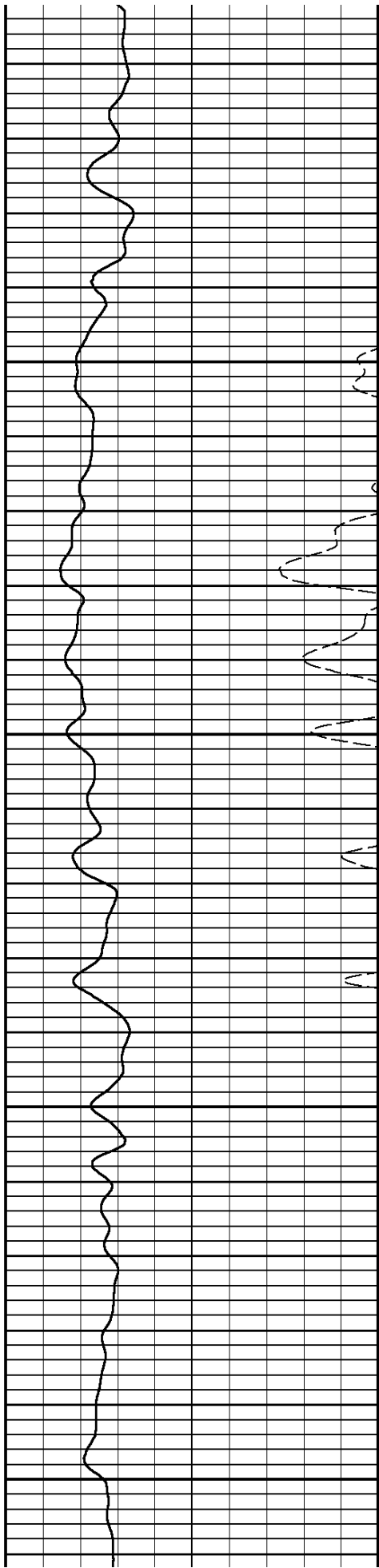
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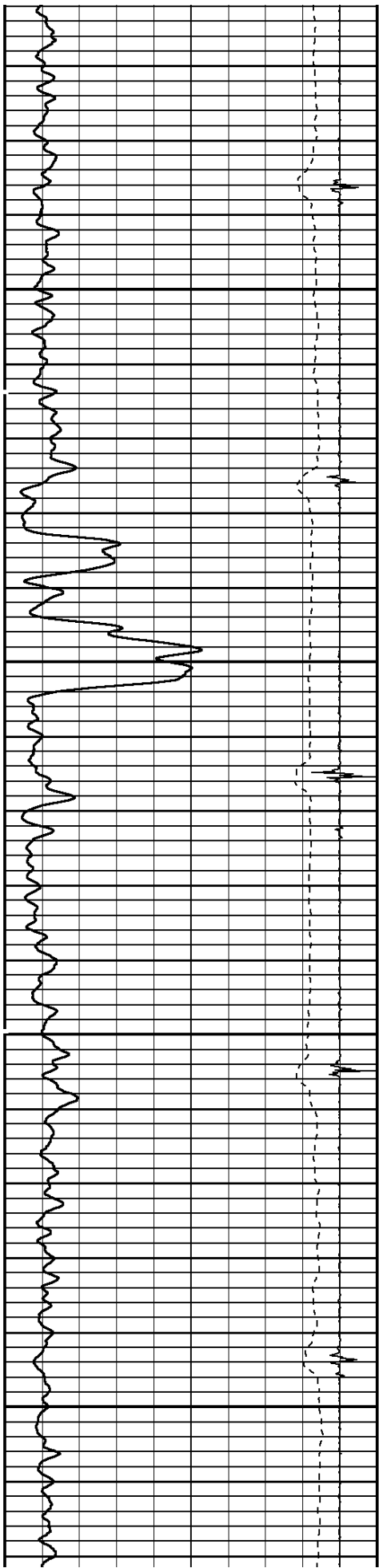




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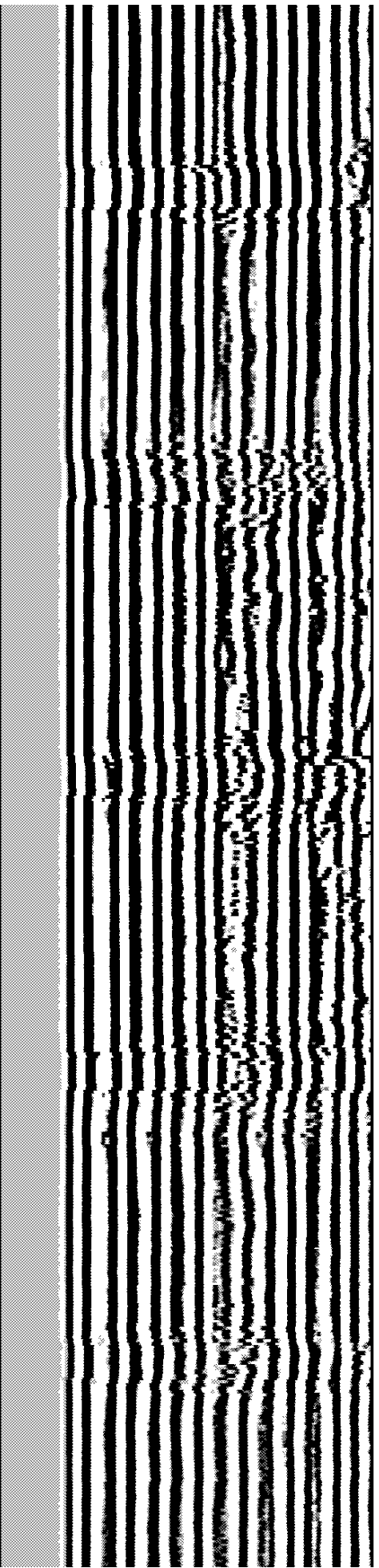
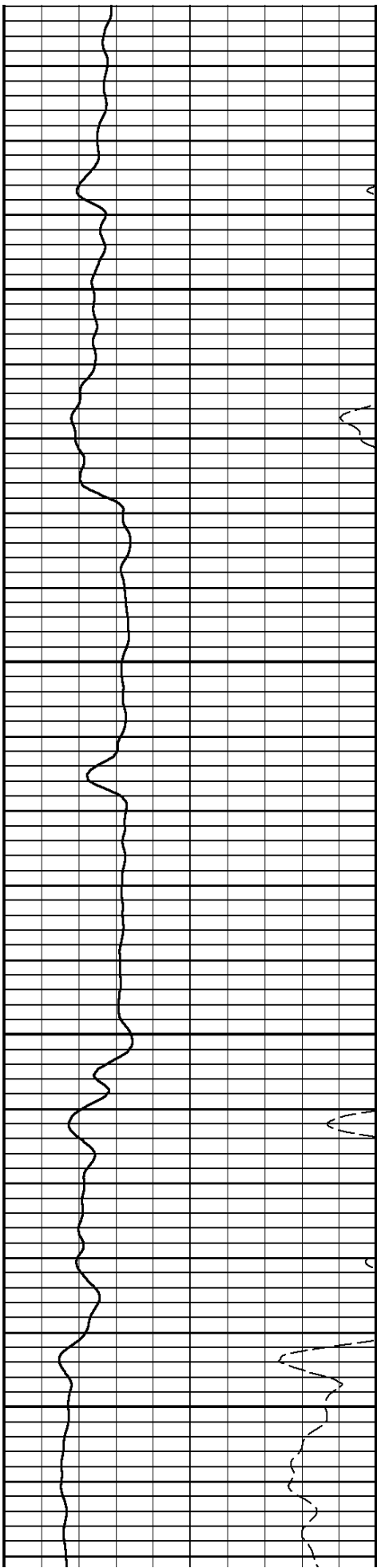
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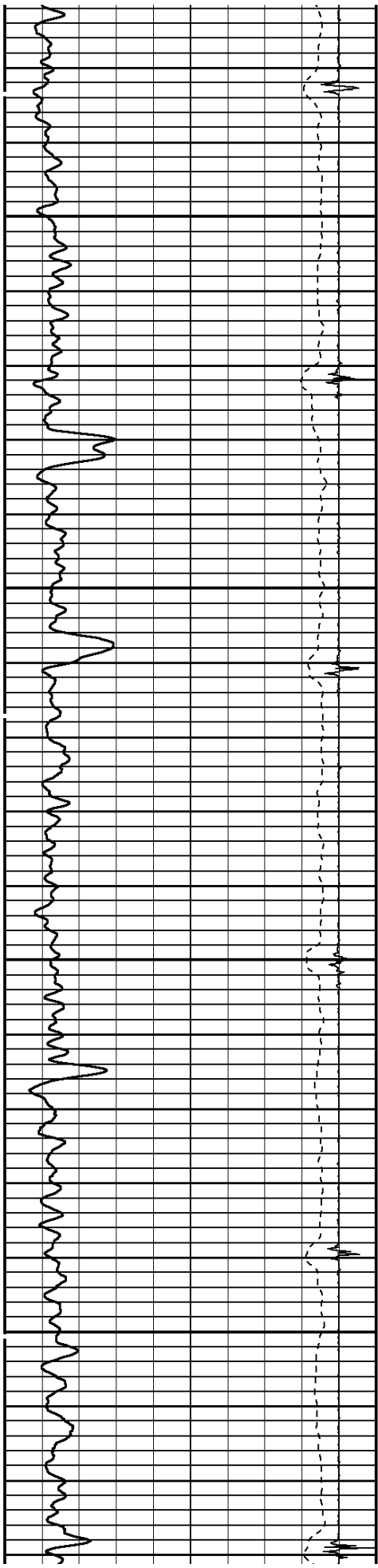




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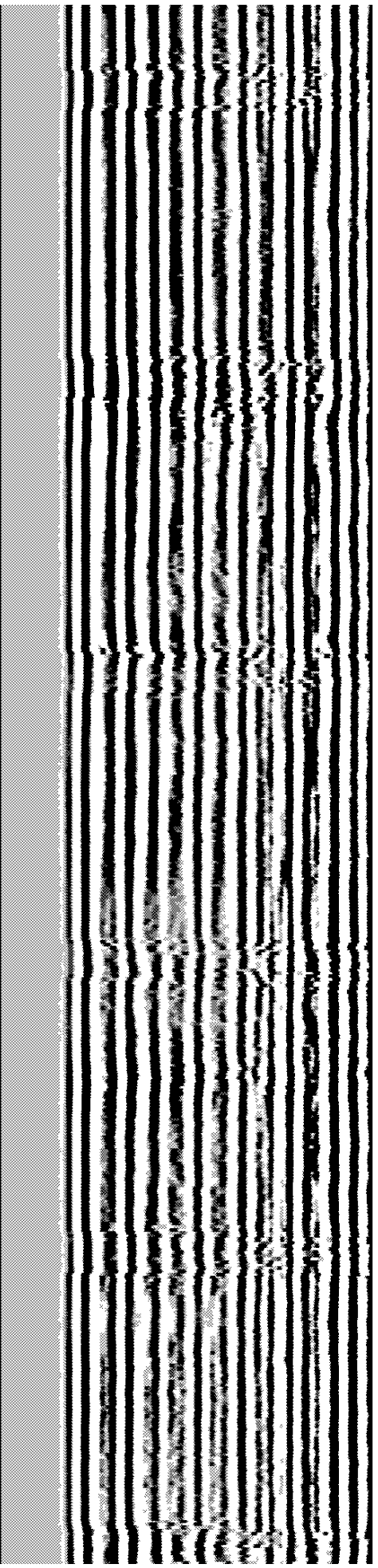
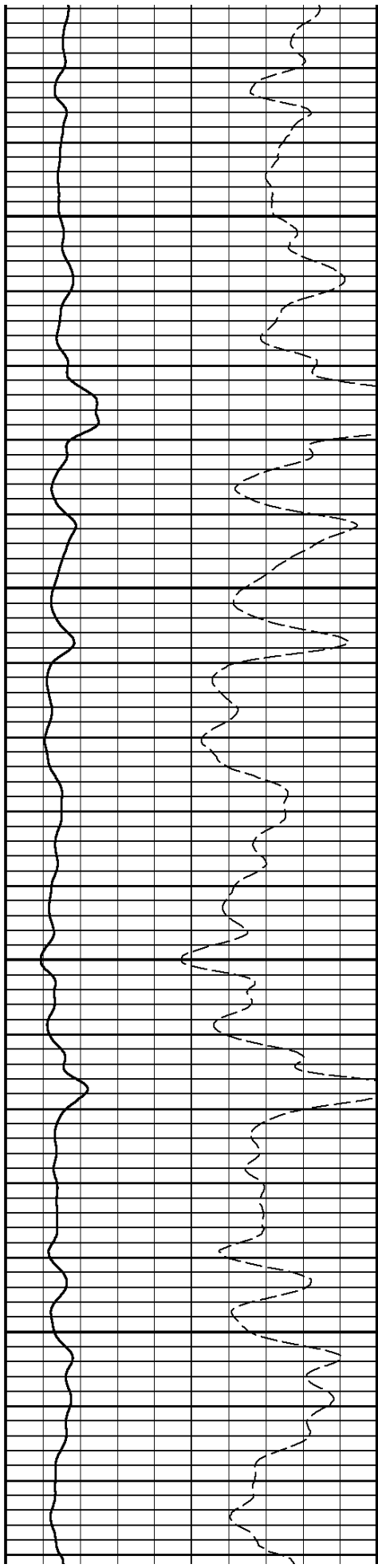
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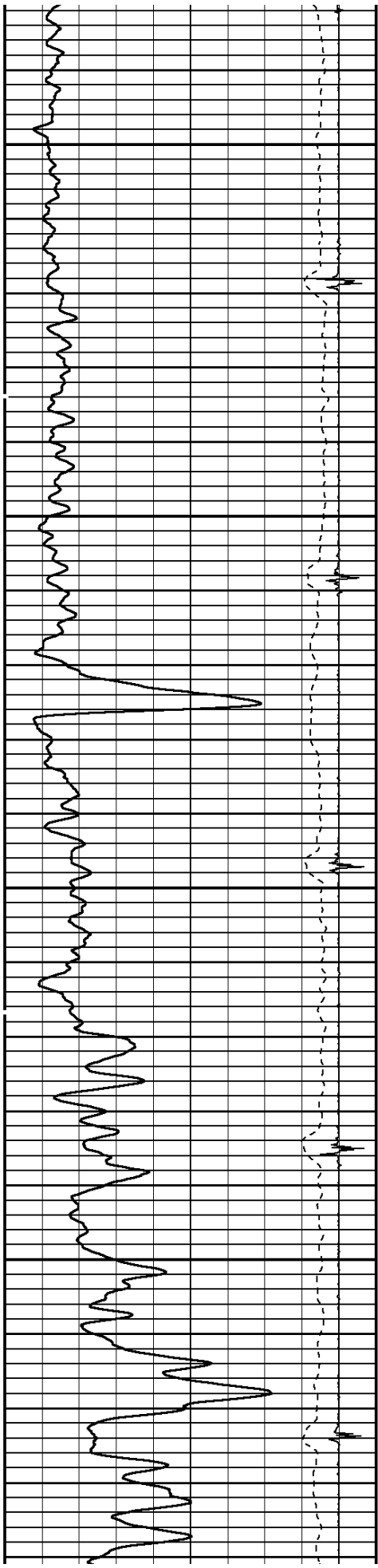




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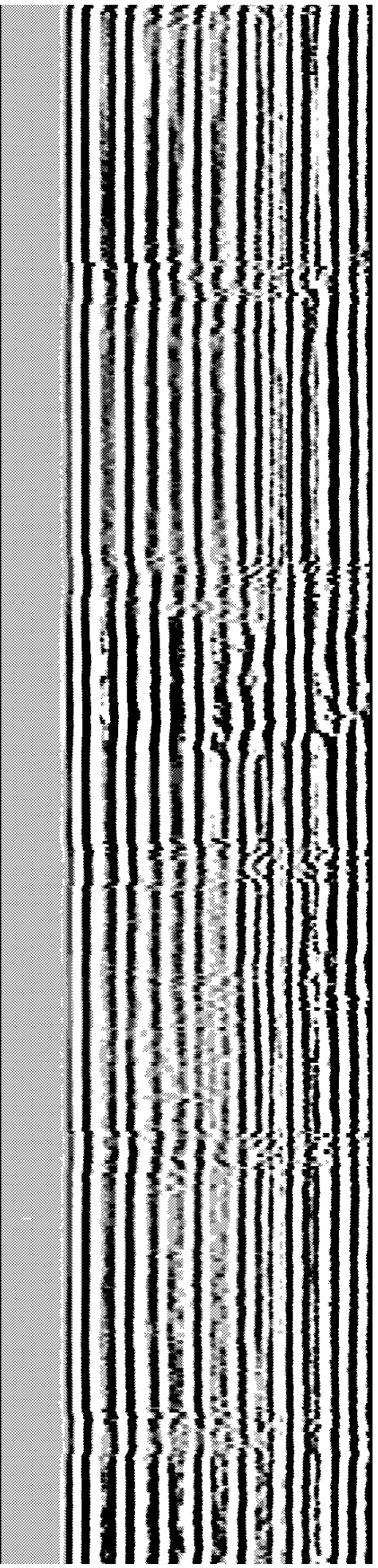
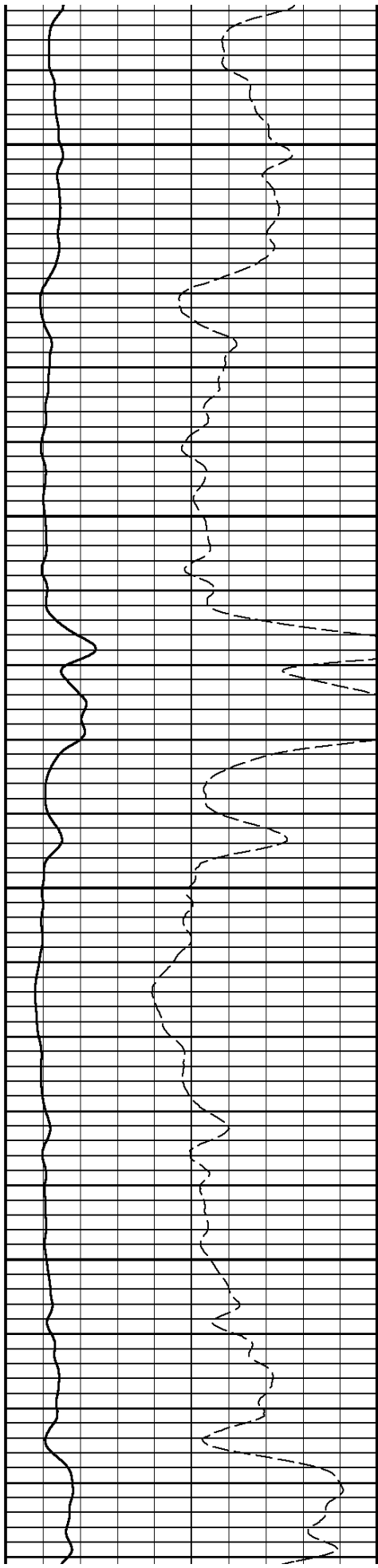
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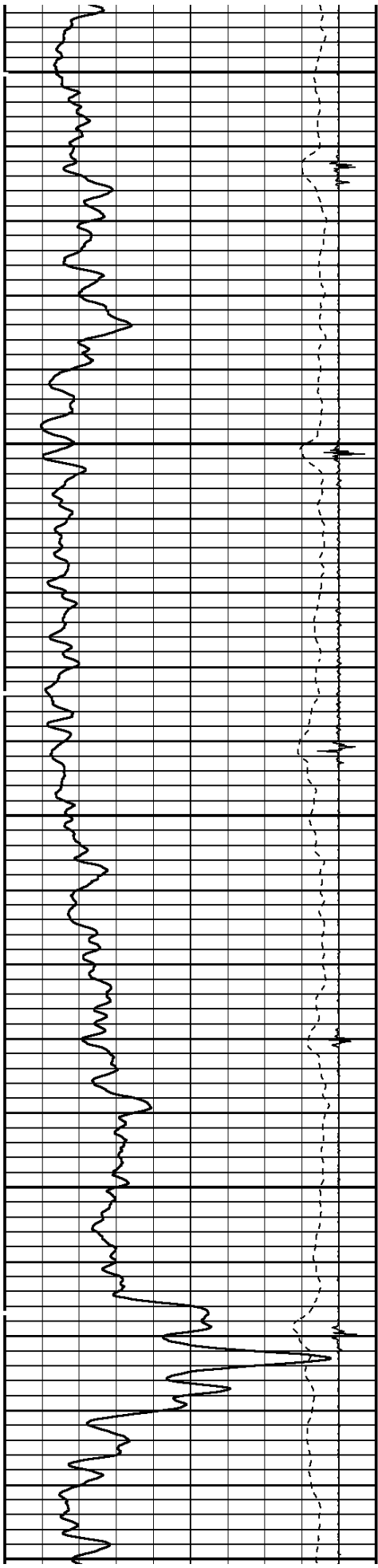




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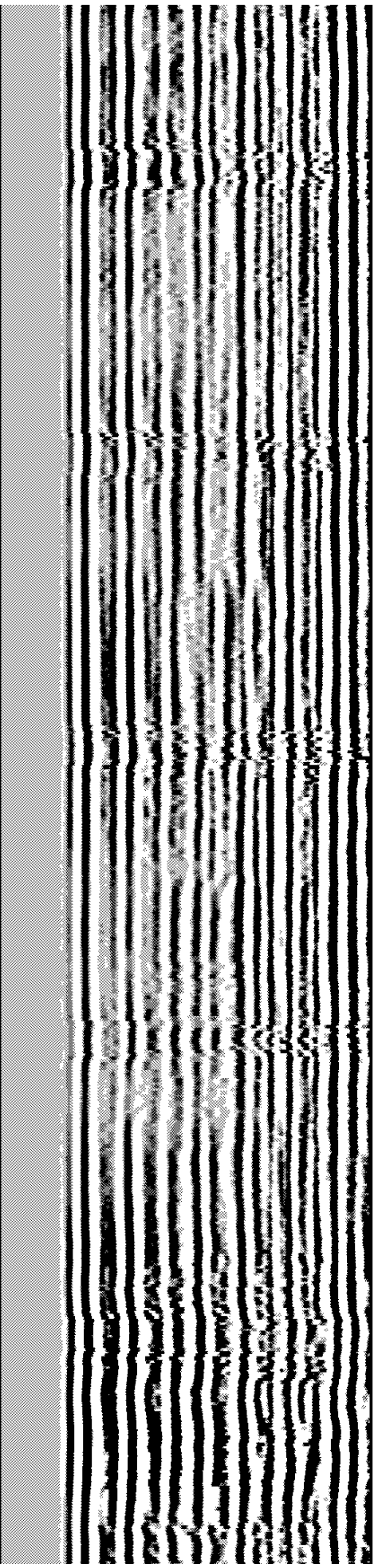
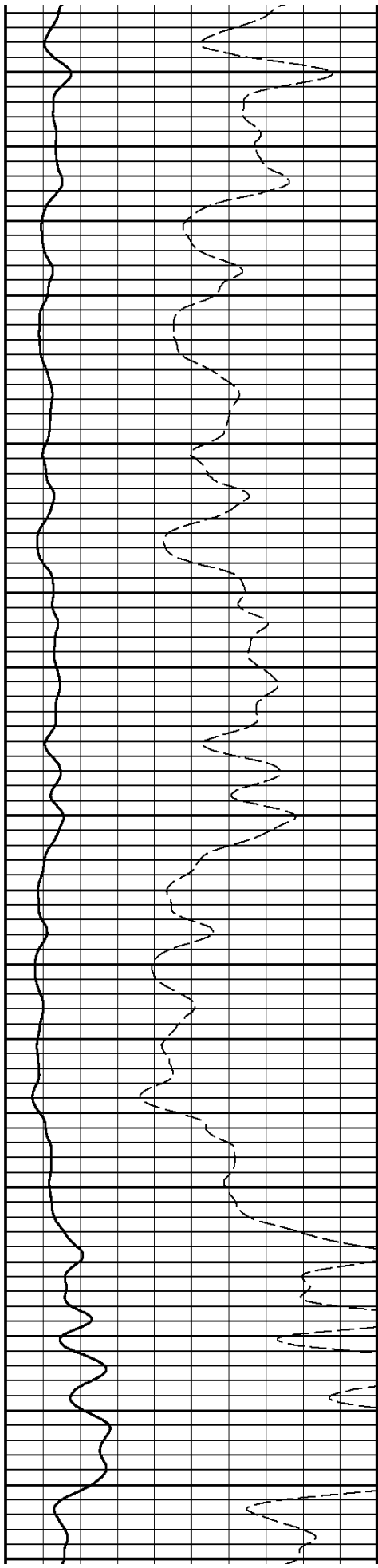
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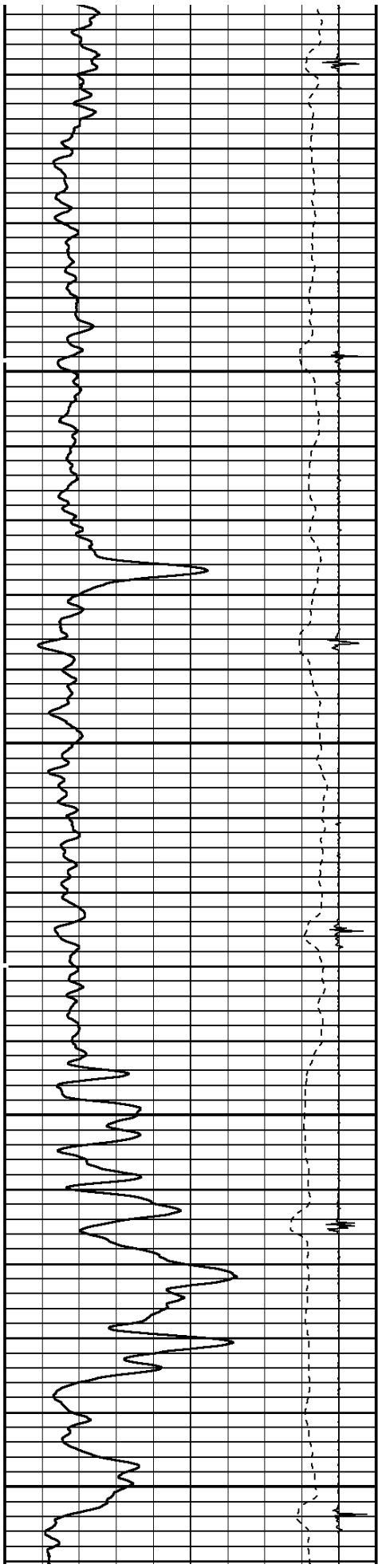




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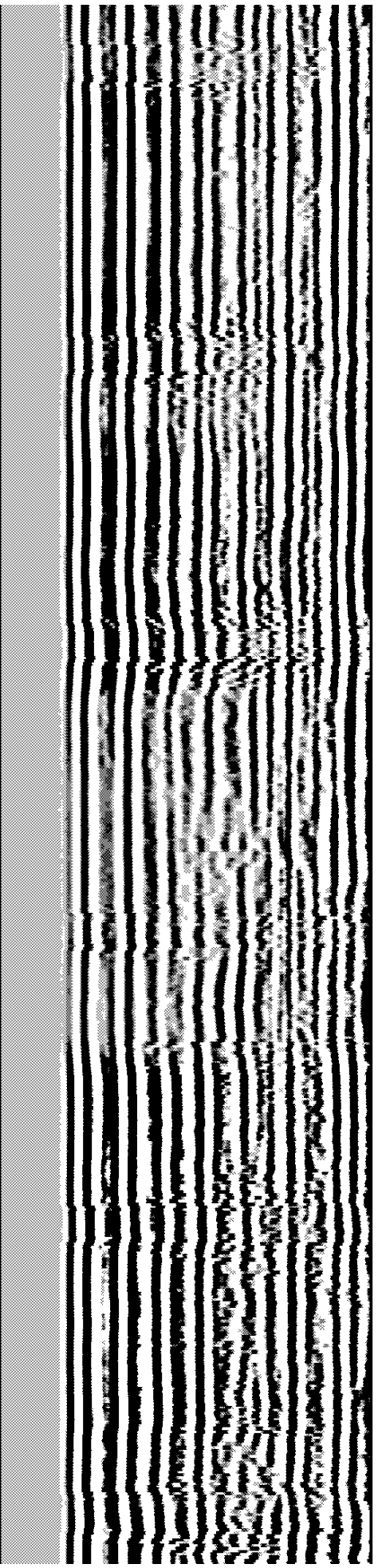
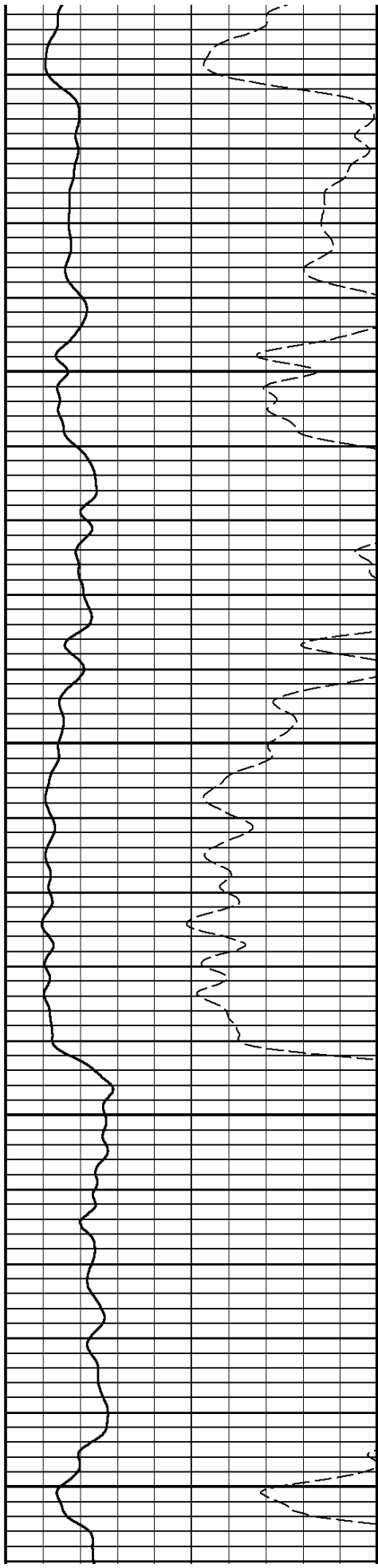
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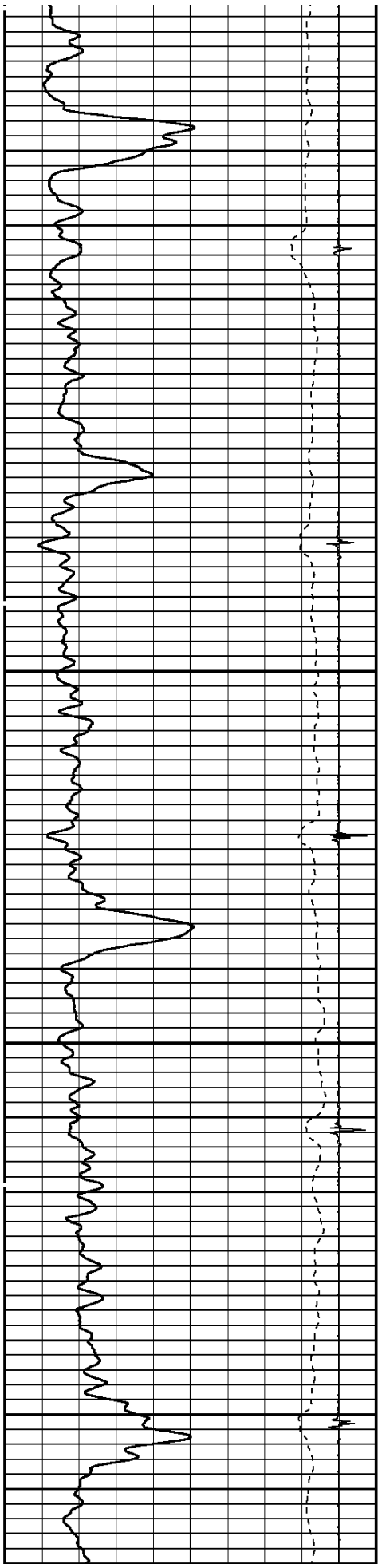




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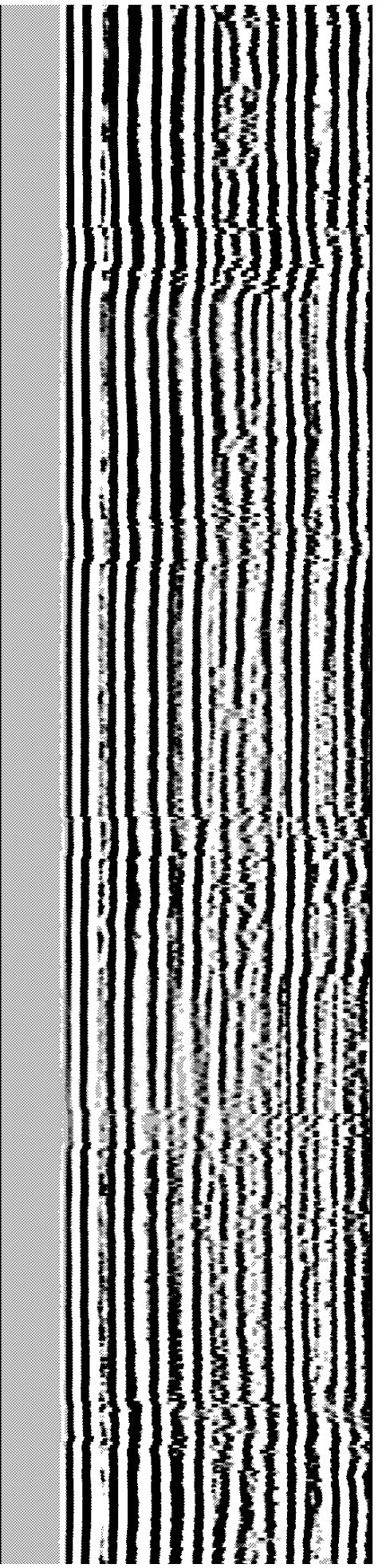
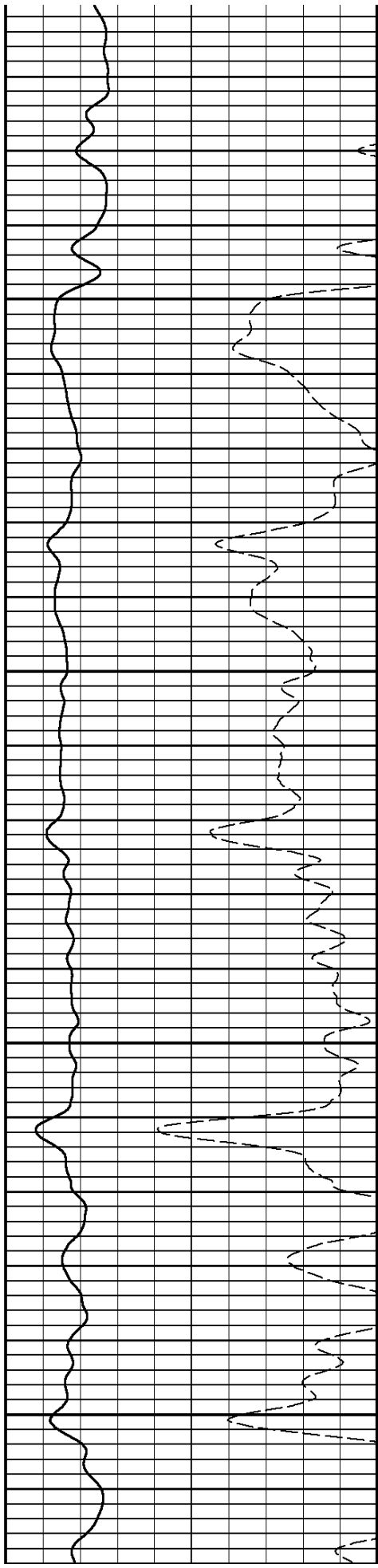
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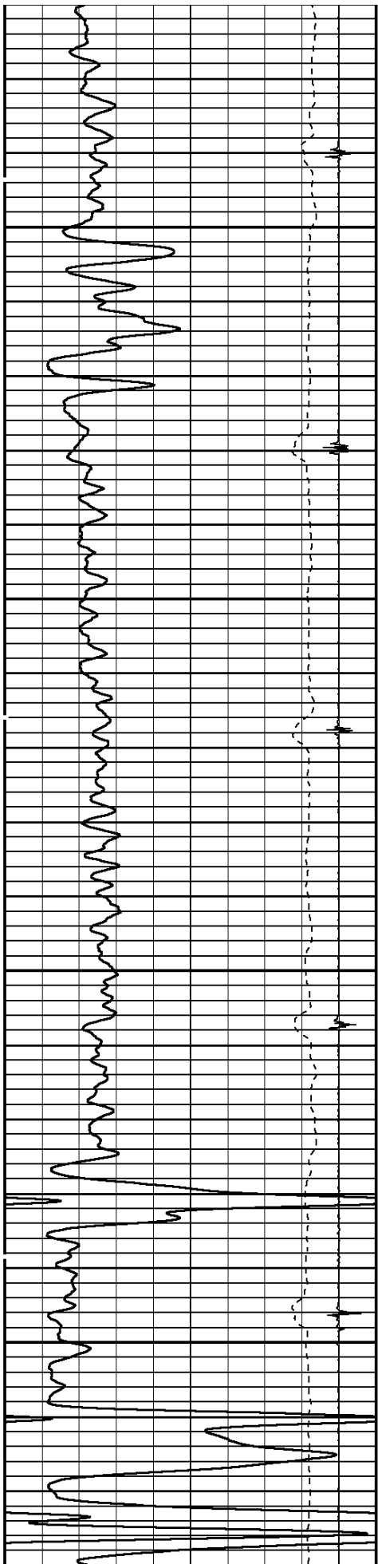




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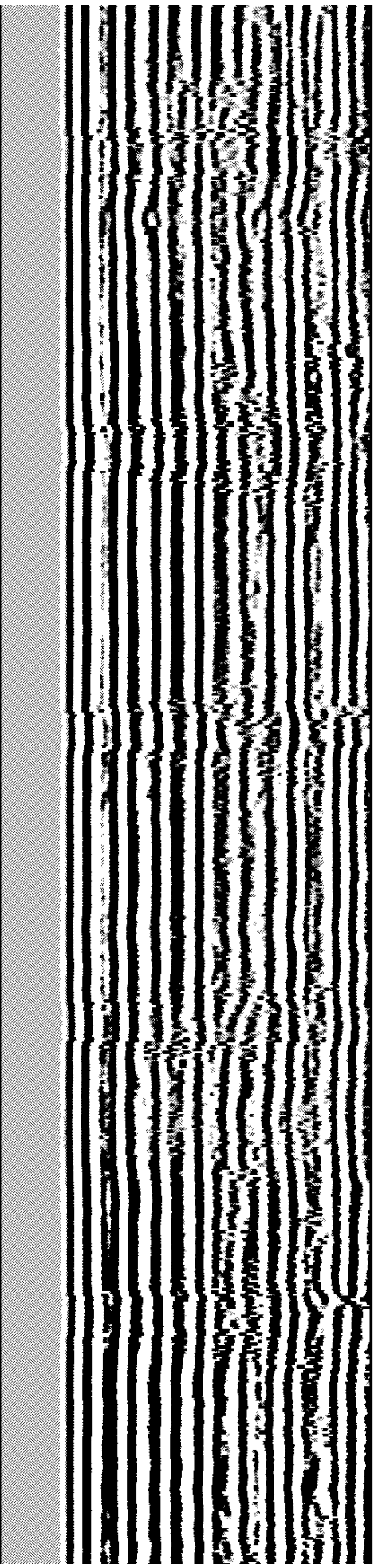
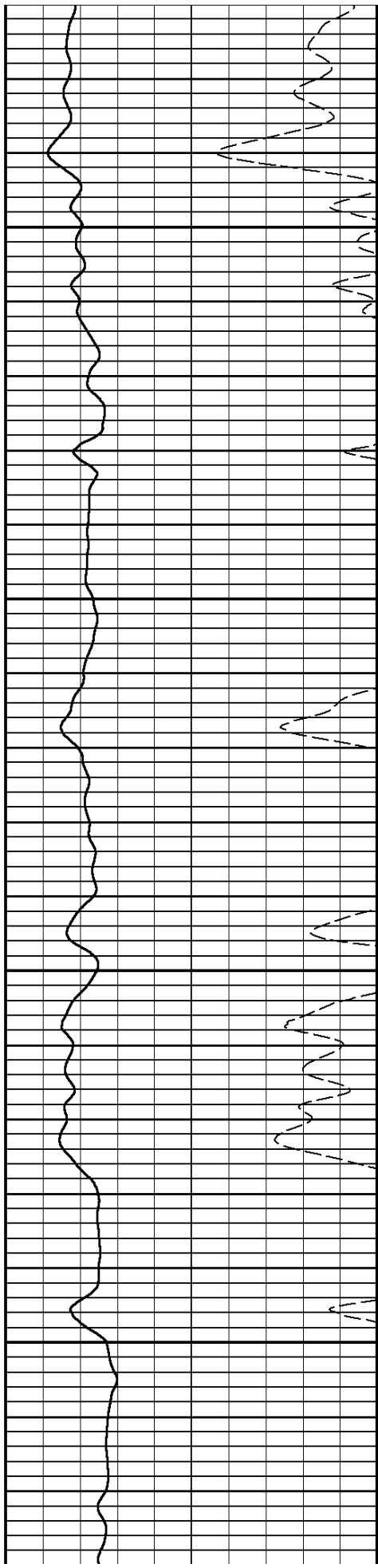
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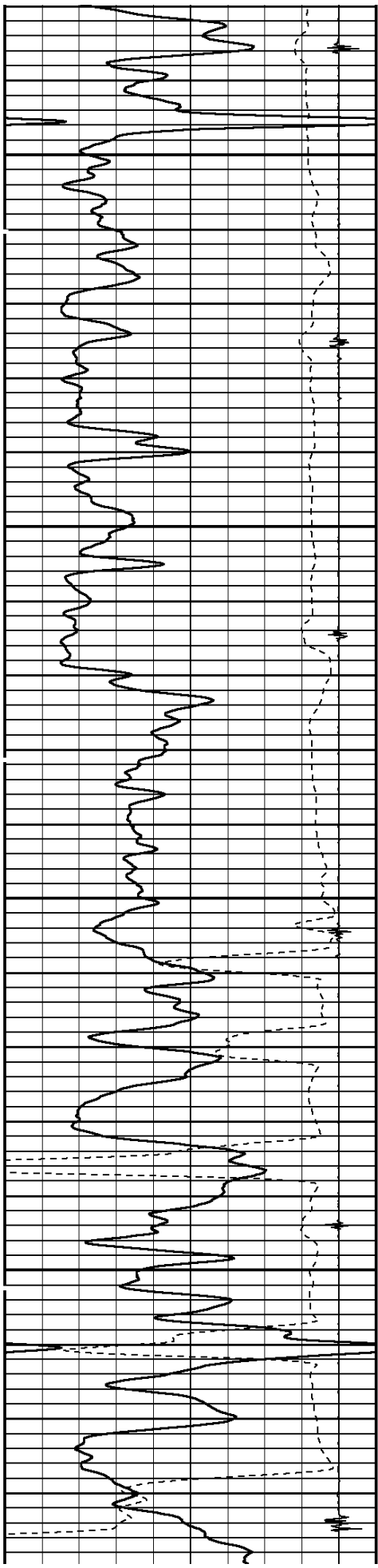




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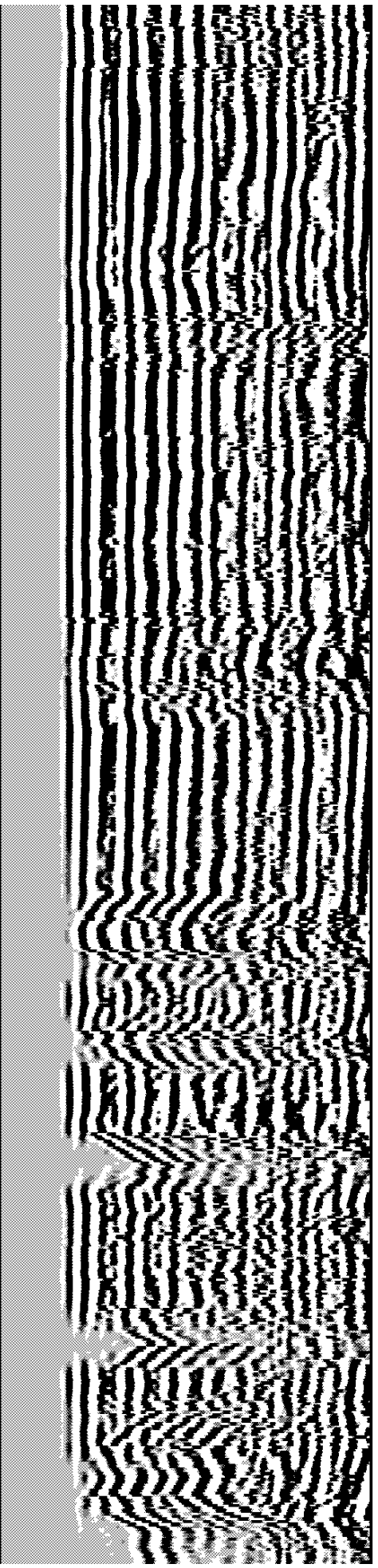
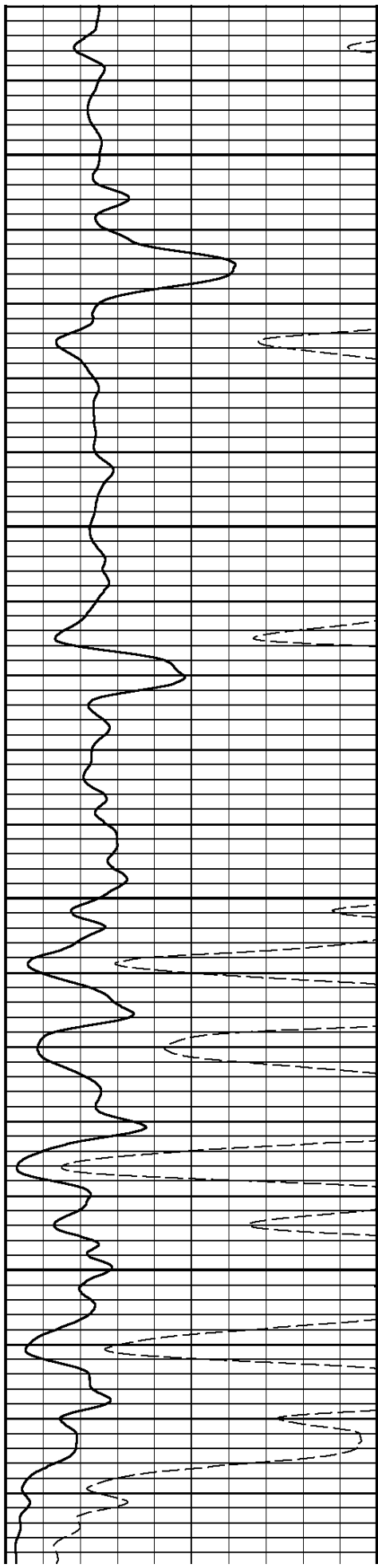
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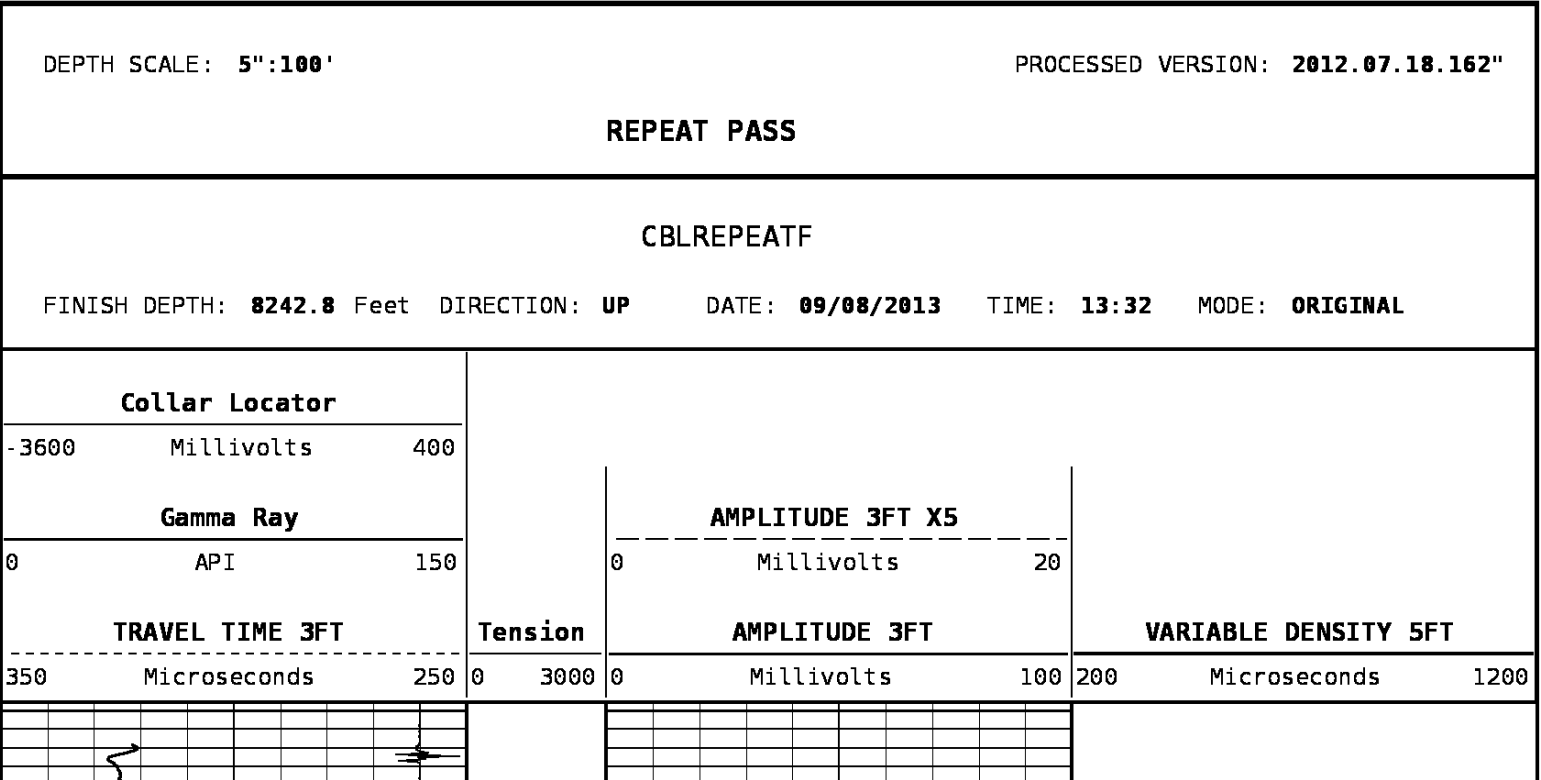
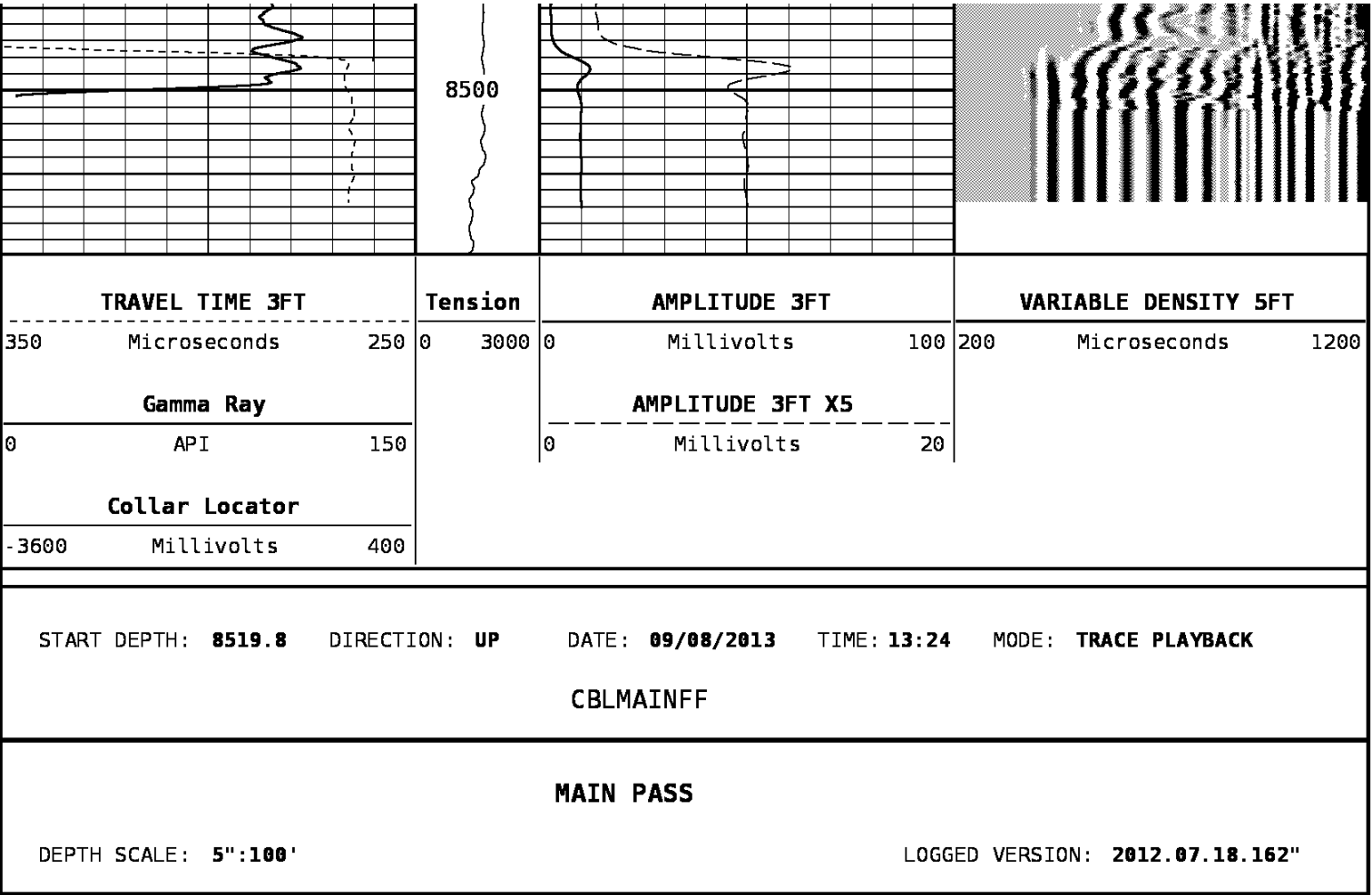


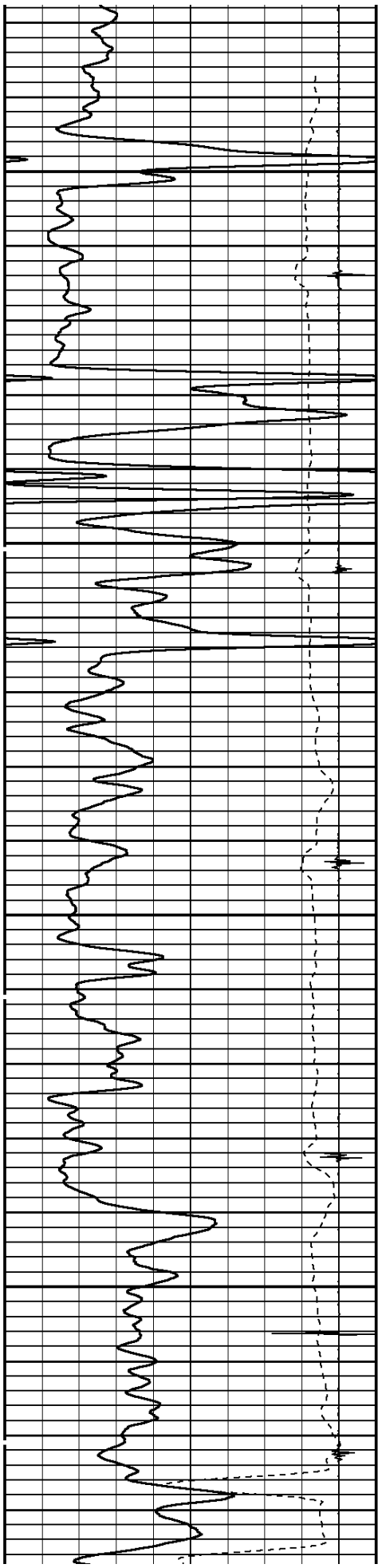


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8400

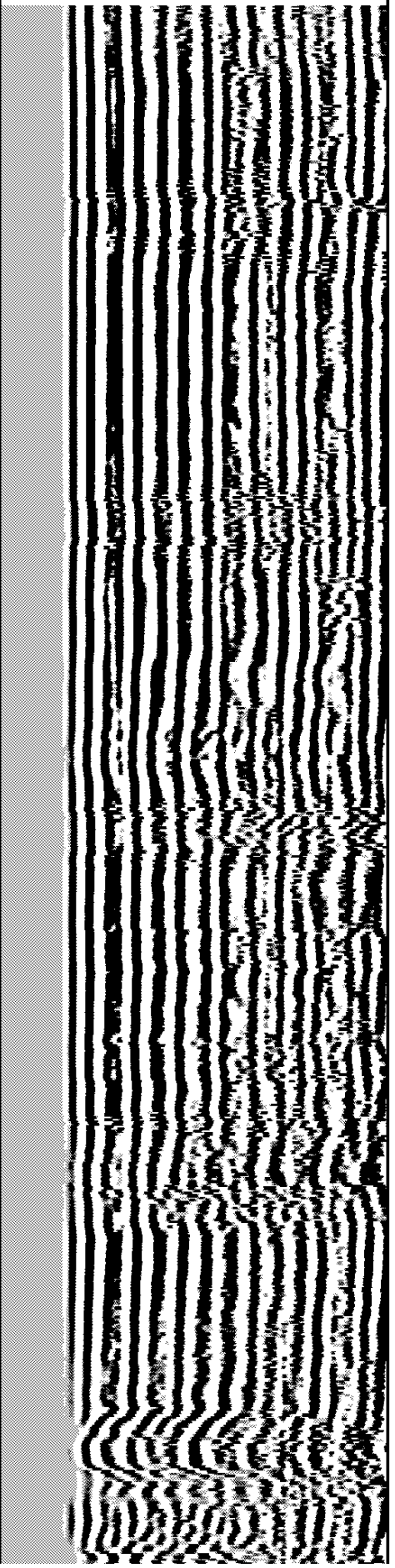
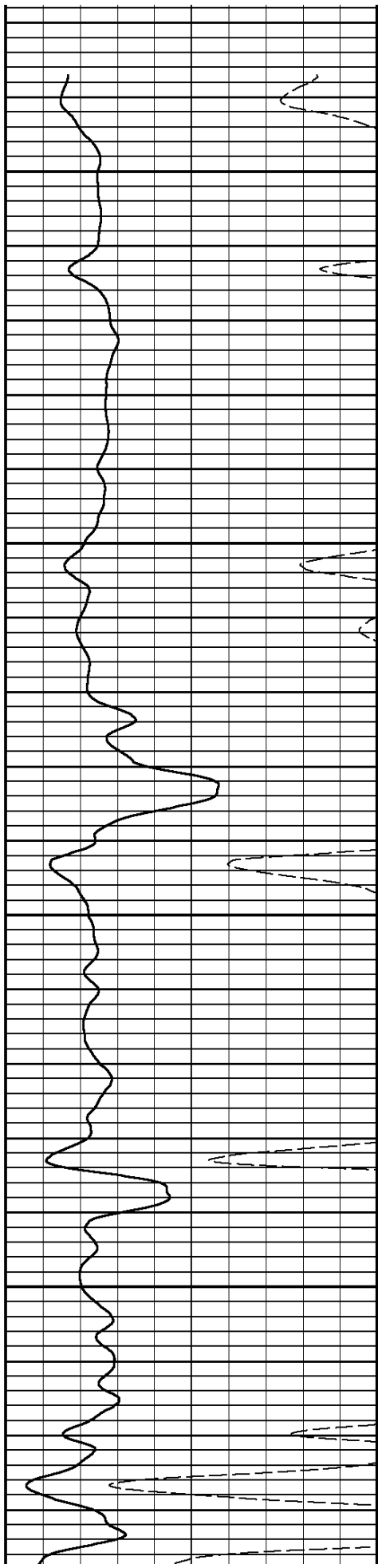


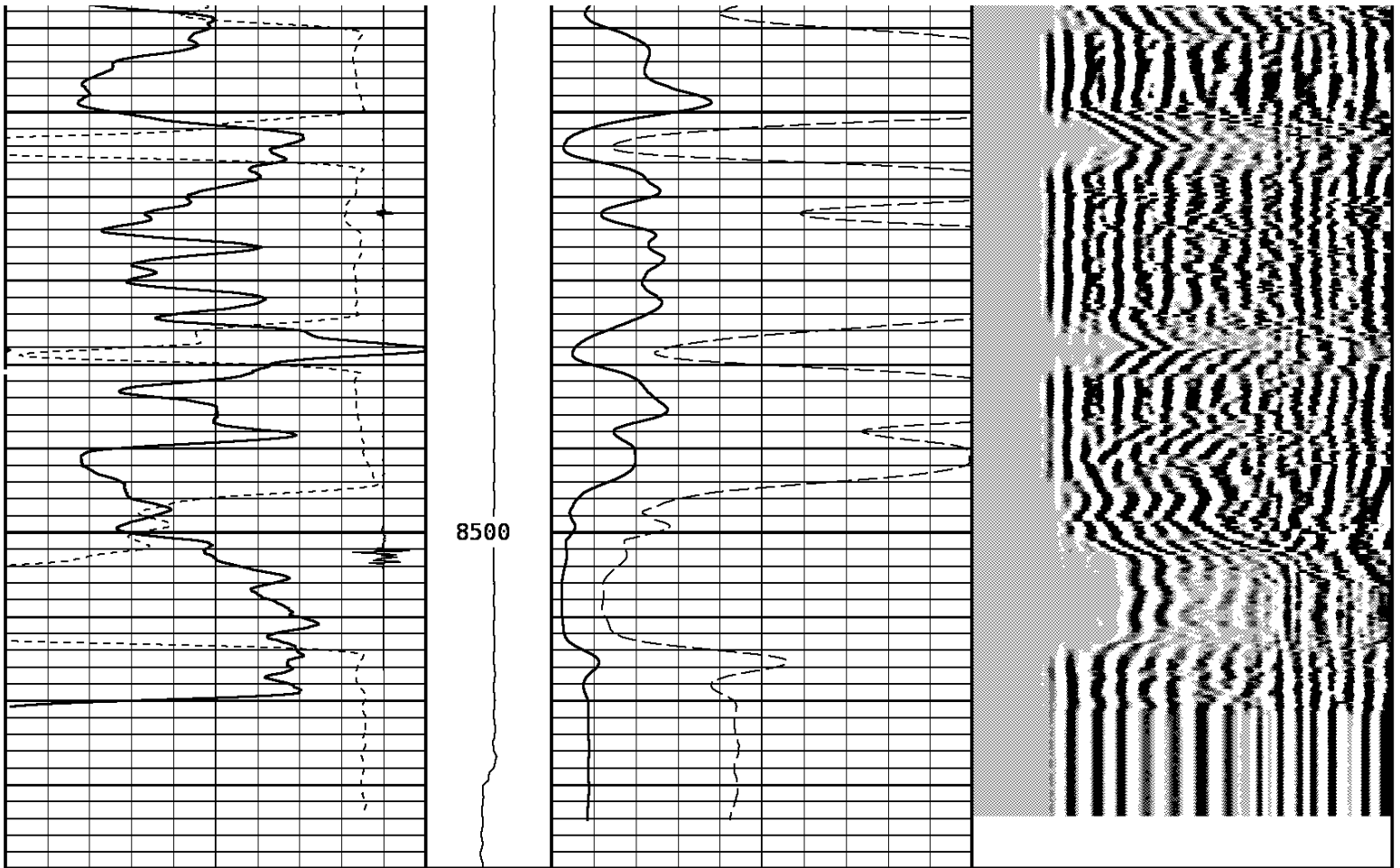




8300

8400





TRAVEL TIME 3FT			Tension	AMPLITUDE 3FT		VARIABLE DENSITY 5FT					
350	Microseconds	250		0	3000	0	Millivolts	100	200	Microseconds	1200
Gamma Ray											
0	API	150		0	Millivolts	20					
Collar Locator											
-3600	Millivolts	400									

START DEPTH: 8540.0 DIRECTION: UP DATE: 09/08/2013 TIME: 13:32 MODE: ORIGINAL

CBLREPEATF

REPEAT PASS

DEPTH SCALE: 5":100' LOGGED VERSION: 2012.07.18.162"

1 7/16 Adapter Head

Weight 2.2 LB.
Length 2.54

Length
Max. Diameter
Total Stack Weight
Total Stack Length 27.83 FT. in air

Slim Hole Centralizer

Weight 15 lbs
Length 2.49 FT.
Max. Diameter 2.750 IN.

Collar Locator

Weight 39.8 LBS.
Length 3.40 FT.
Max. Diameter 2.75 IN.

Slim Hole Gamma Ray

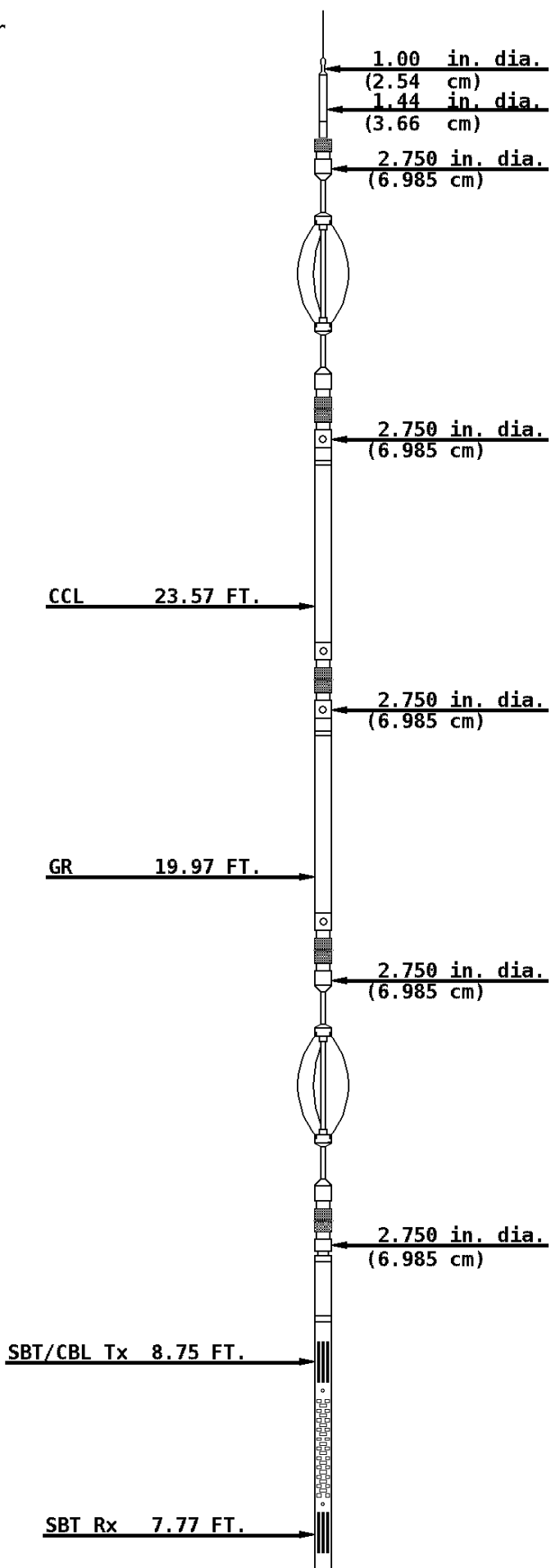
Weight 39.8 LBS.
Length 4.71 FT.
Max. Diameter 2.750 IN.

Slim Hole Centralizer

Weight 22 LBS.
Length 3.08 FT.
Max. Diameter 2.750 IN.

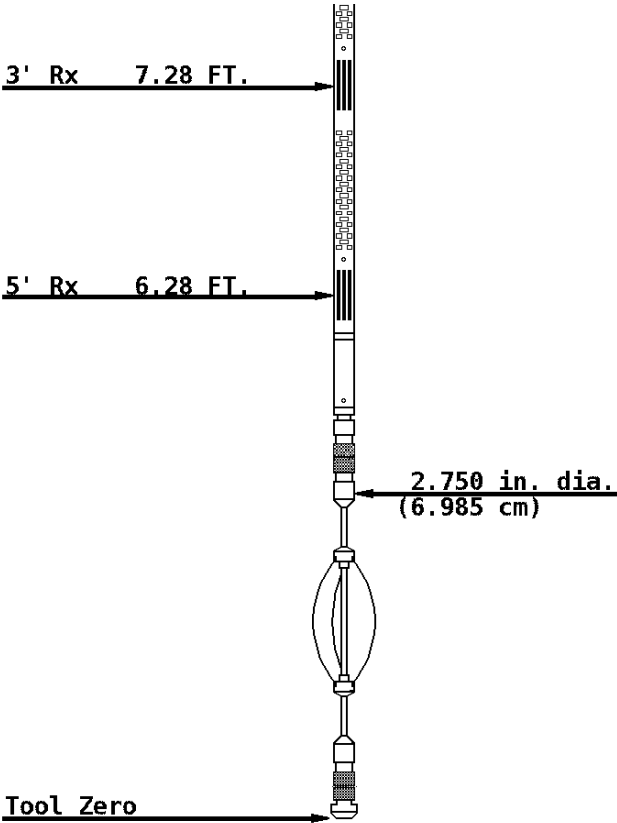
Sector Bond

Weight 89.2 LBS.
Length 10.32 FT.
Max. Diameter 2.750 IN.



Slim Hole Centralizer

Weight 15.0 LBS.
Length 2.82 FT.
Max. Diameter 2.750 IN.



COMPANY KINDER MORGAN CO2 Co. L.P.
WELL DOE CANYON #15
FIELD DOE CANYON
COUNTY DOLORES STATE COLORADO

