

DEPTH SCALE: 5":100'

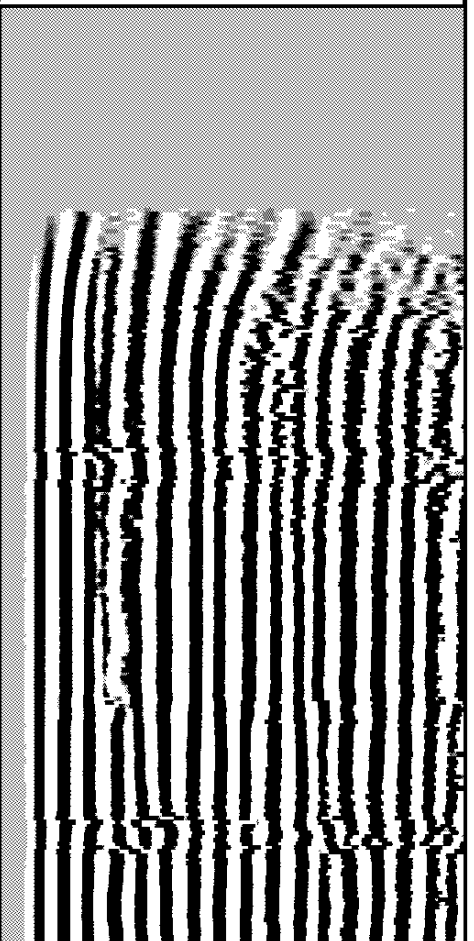
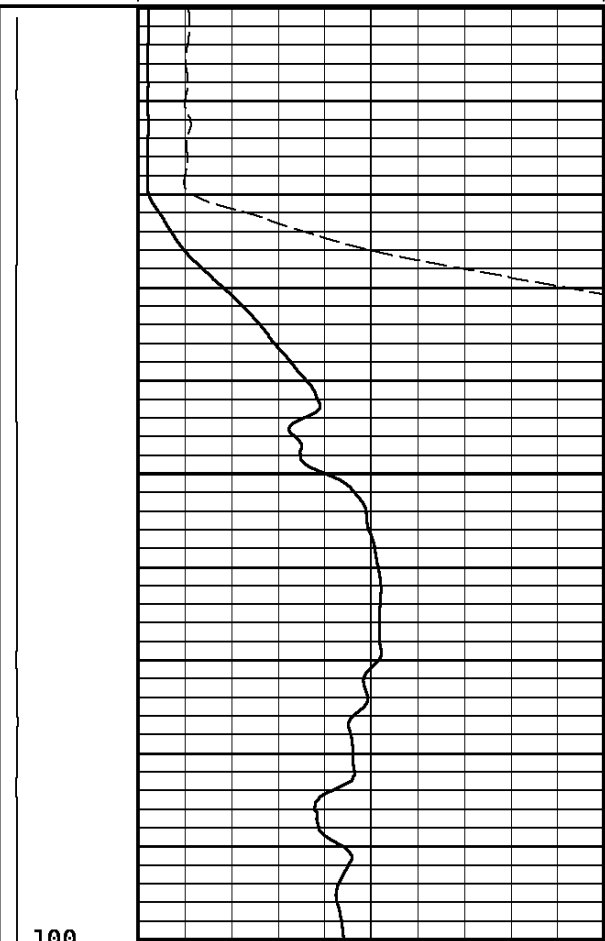
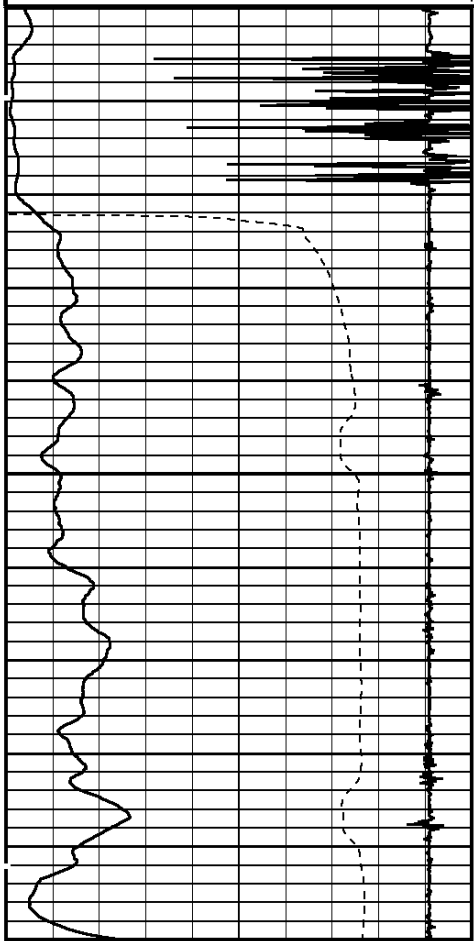
VERSION: 143R 2.0b"

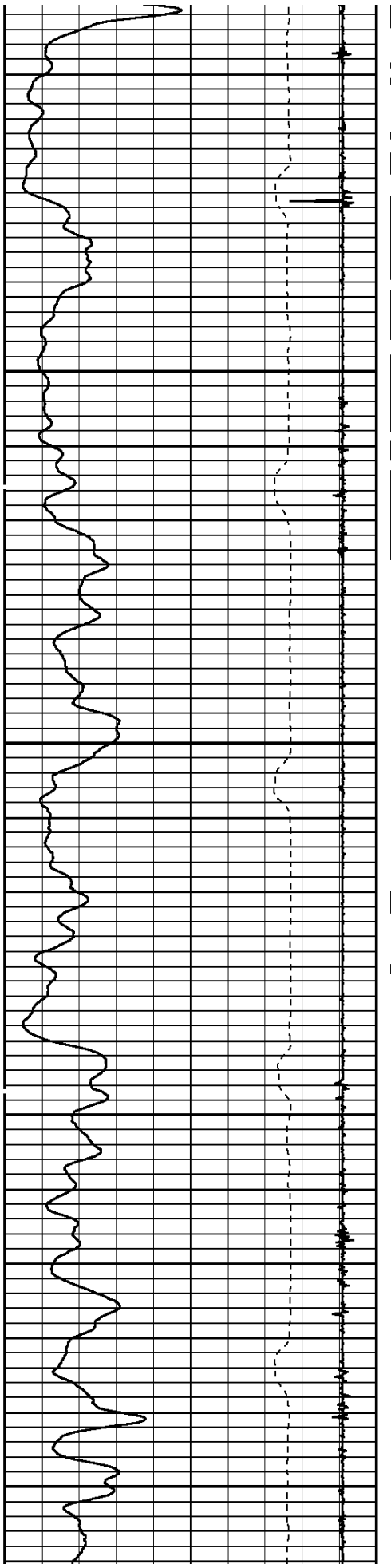
MAIN PASS

190704 CBLMAIN

FINISH DEPTH: -0.4 Feet DIRECTION: UP DATE: 02/25/2013 TIME: 17:50 MODE: ORIGINAL

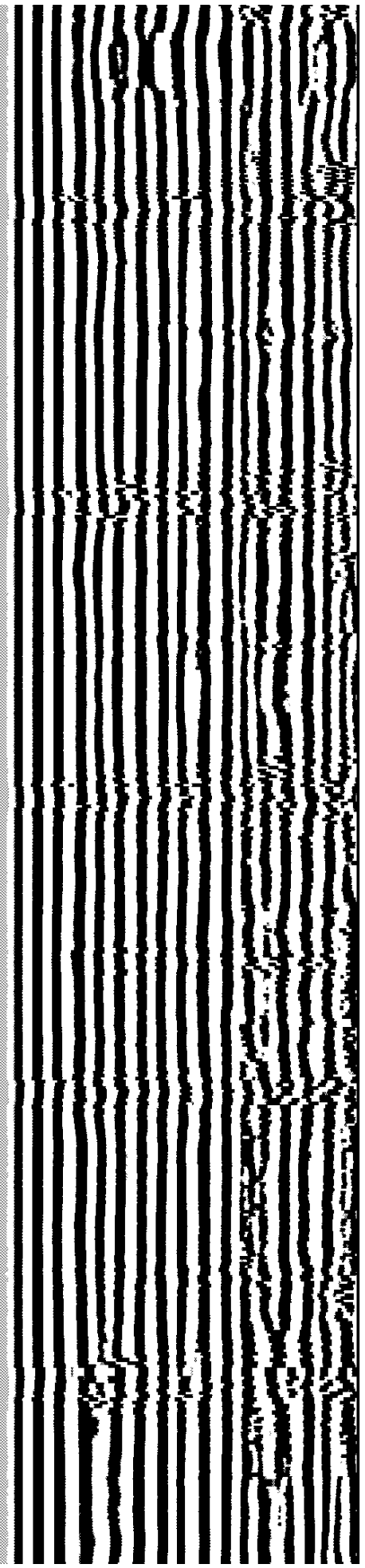
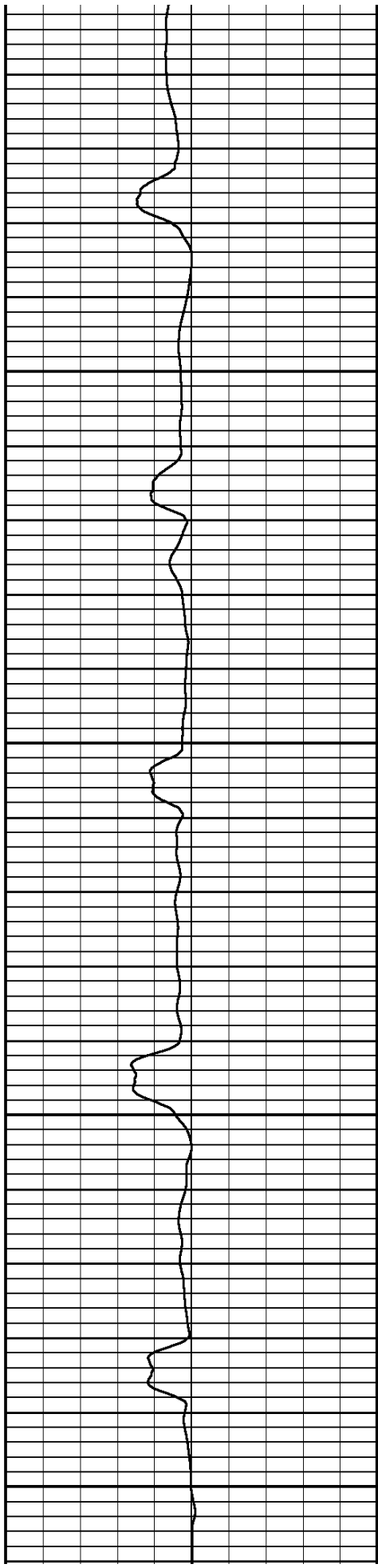
COLLAR LOCATOR							
-800	Millivolts	80					
GAMMA RAY				AMPLITUDE 3FT X5			
0	API	200		0	Millivolts	20	
TRAVEL TIME 3FT				AMPLITUDE 3FT		VARIABLE DENSITY 5FT	
458	Microseconds	358	0	1500	0	100	200
					Millivolts		Microseconds
							1200

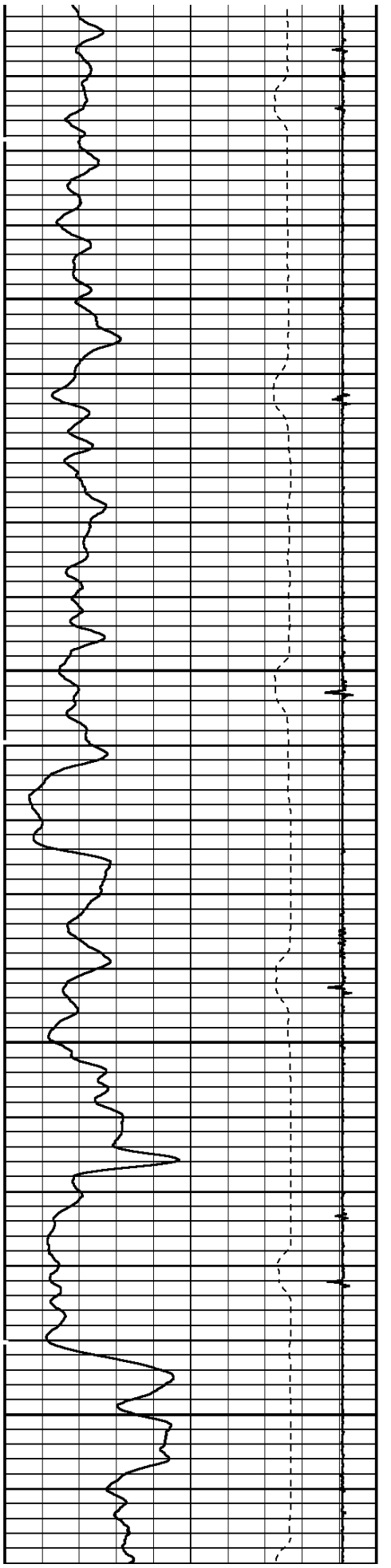




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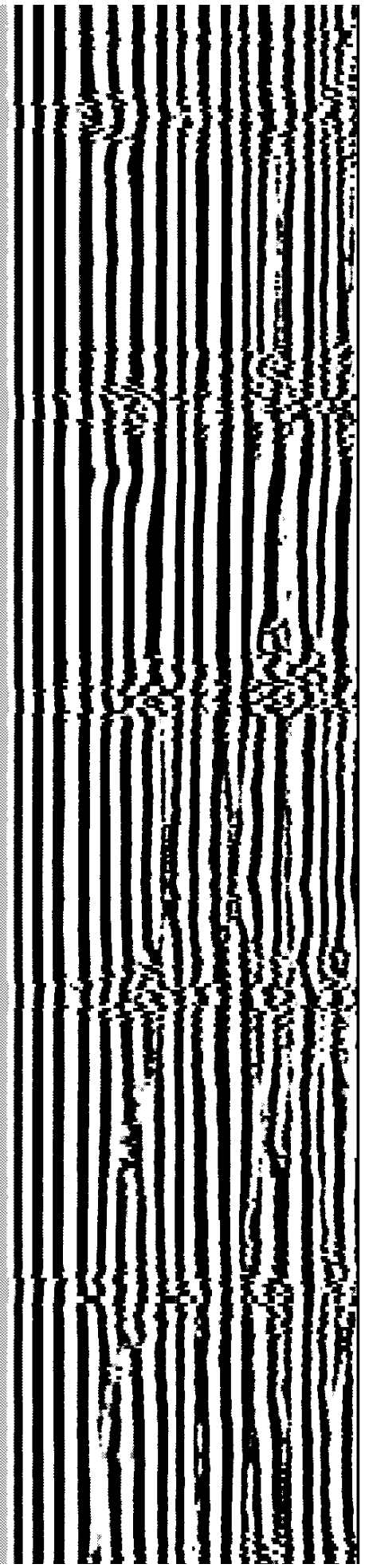
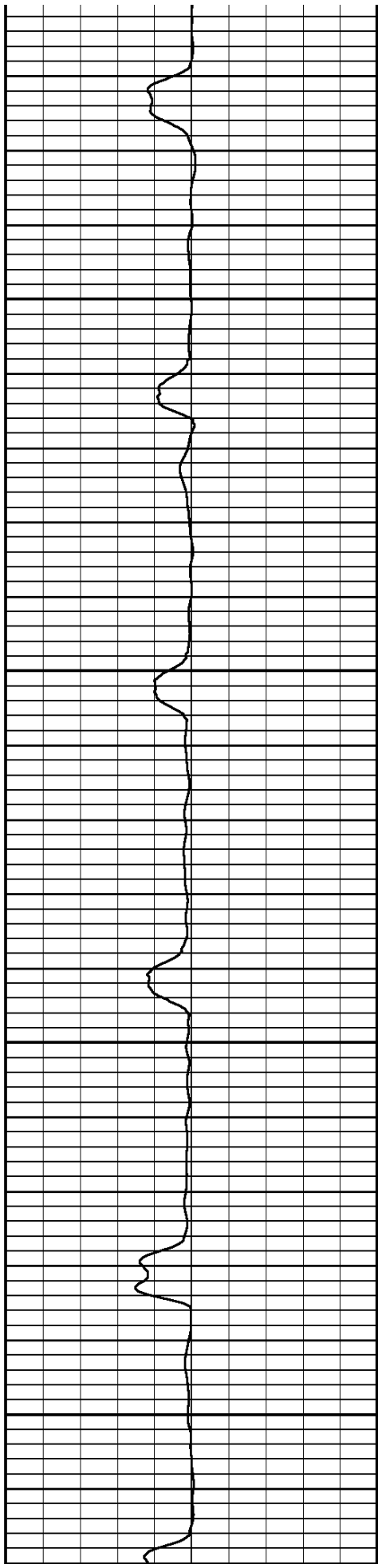
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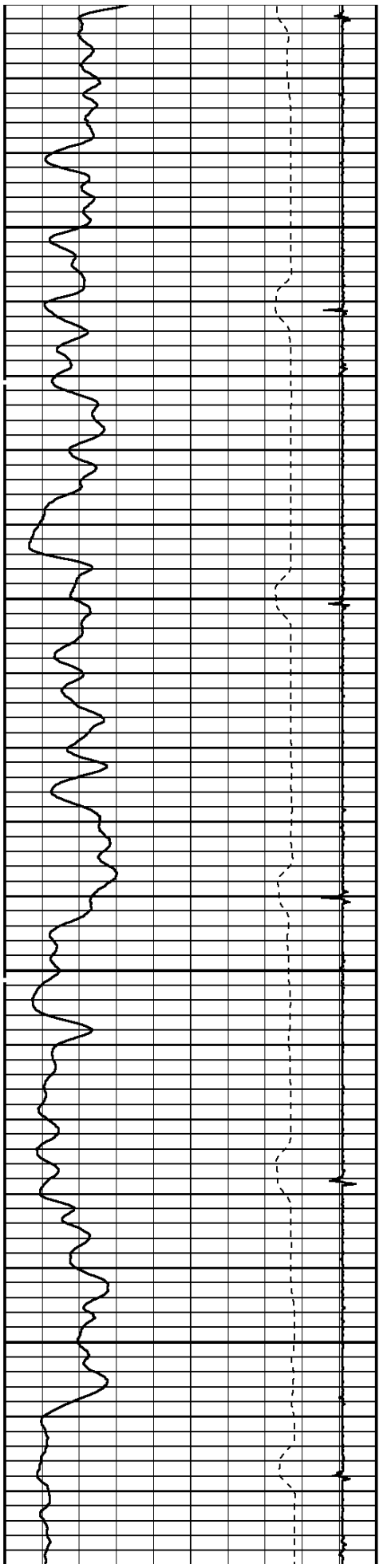




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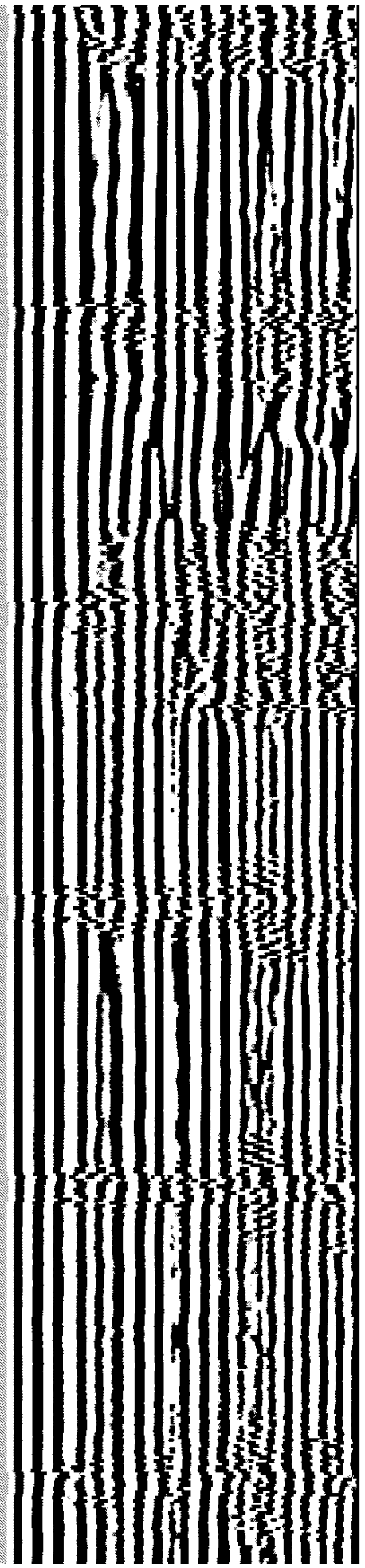
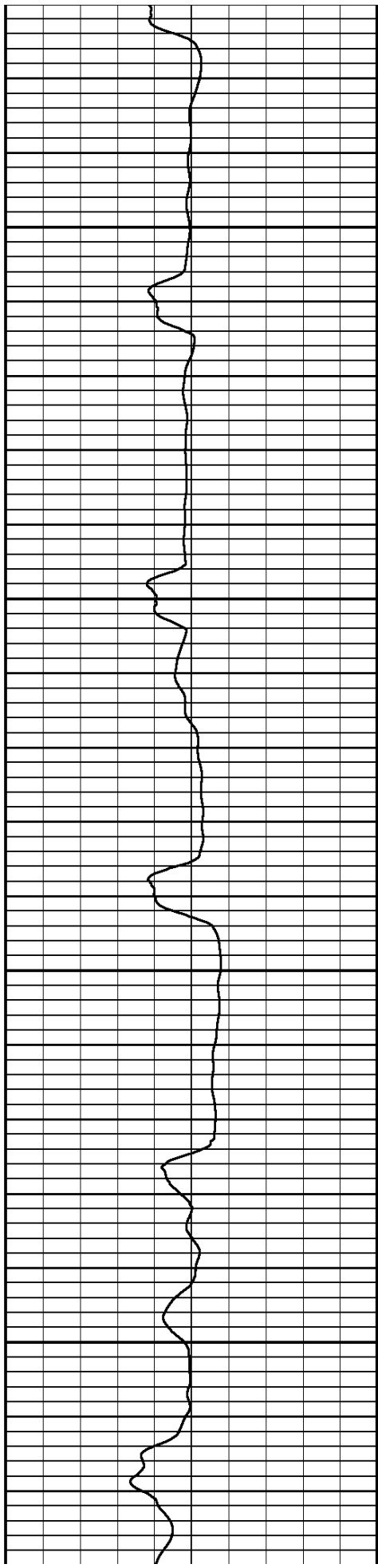
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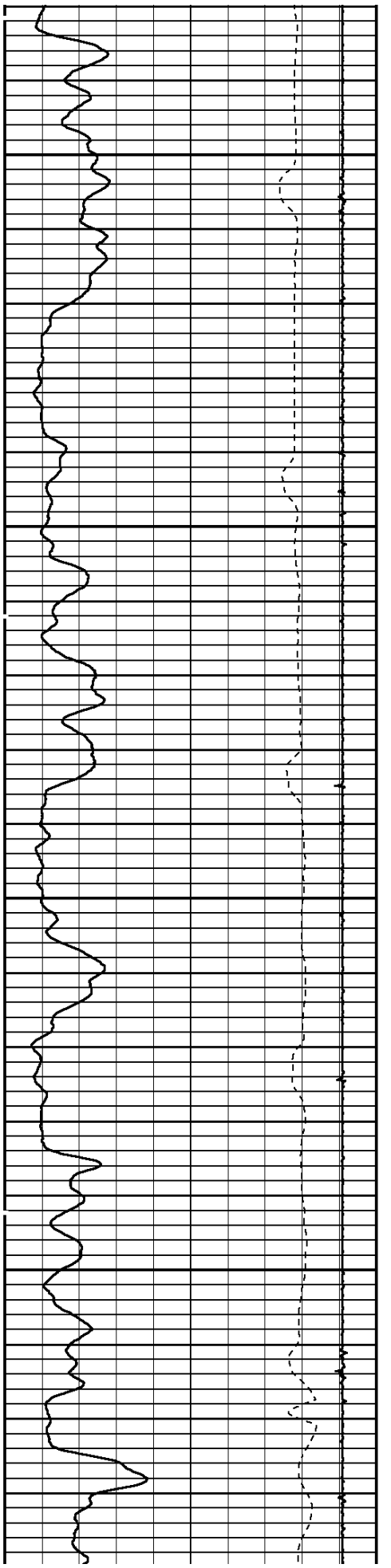




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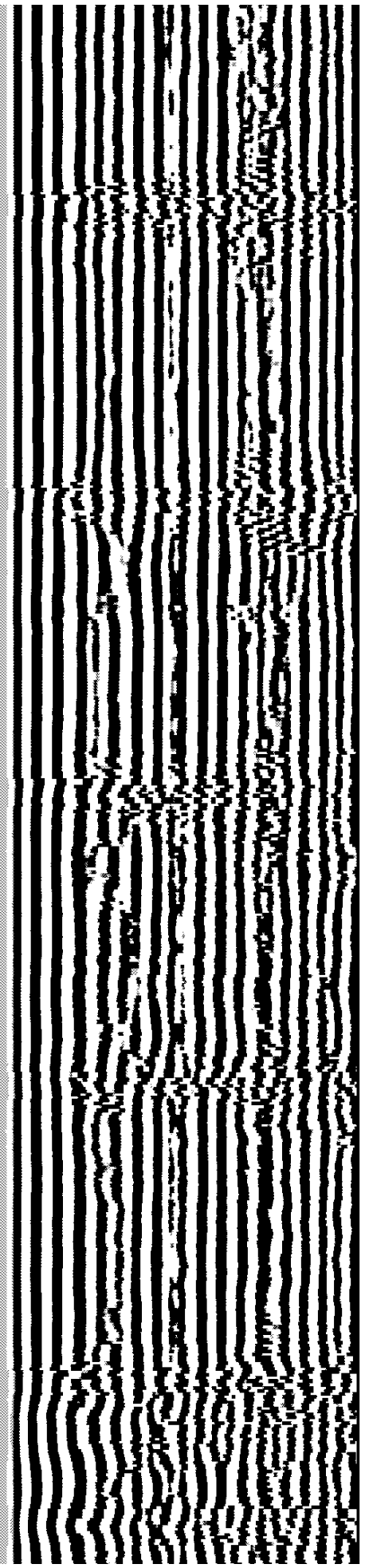
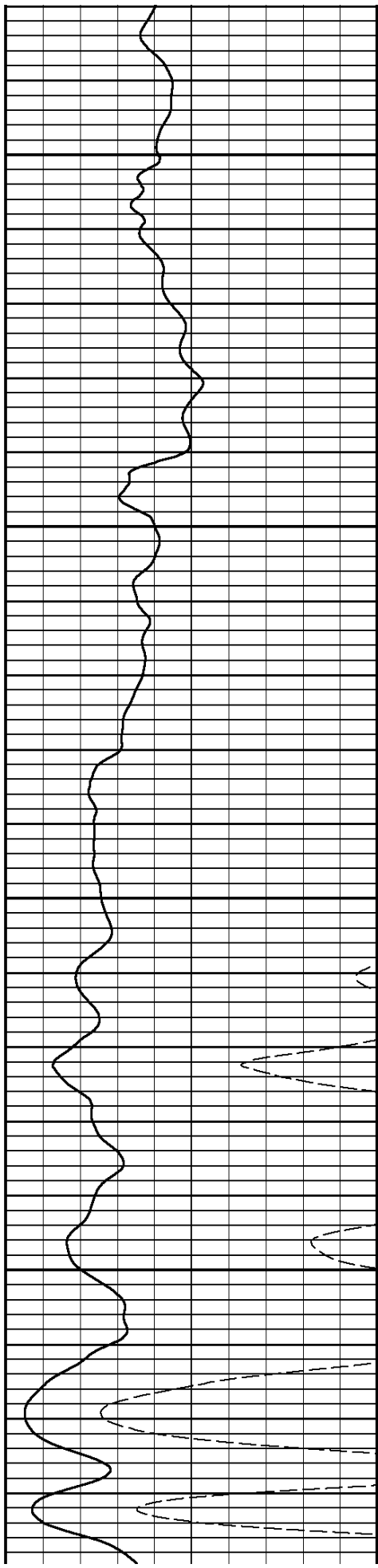
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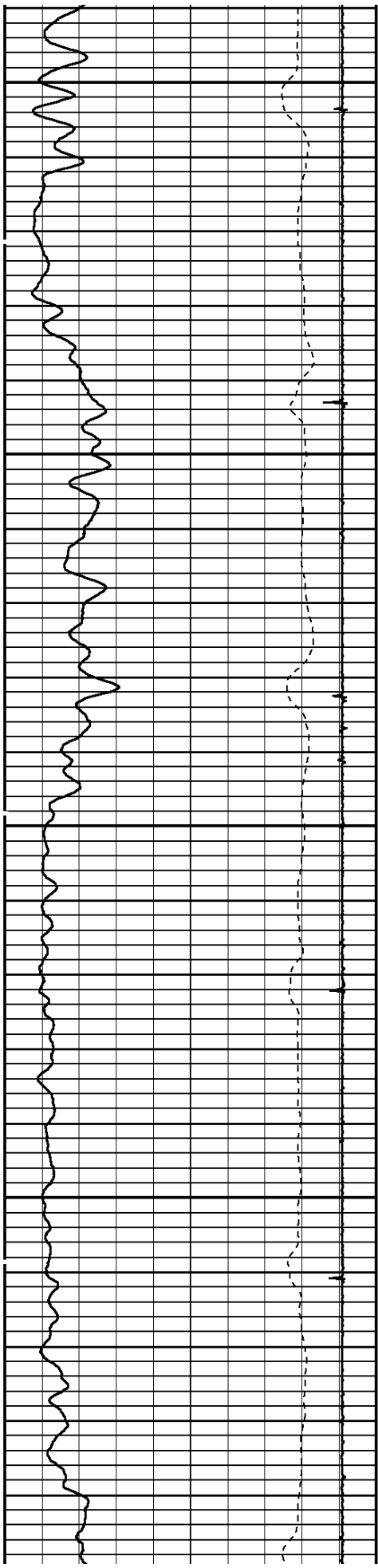




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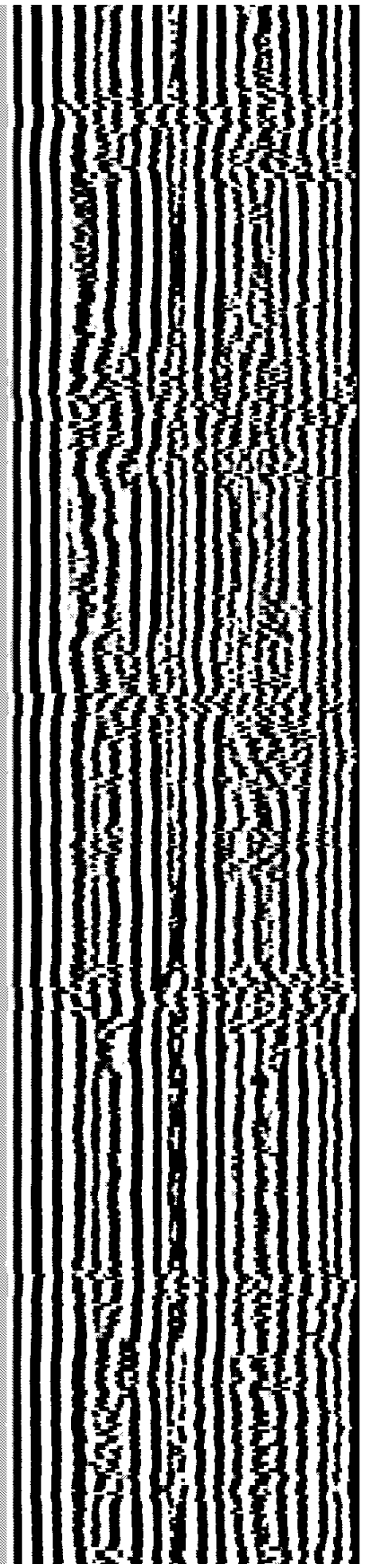
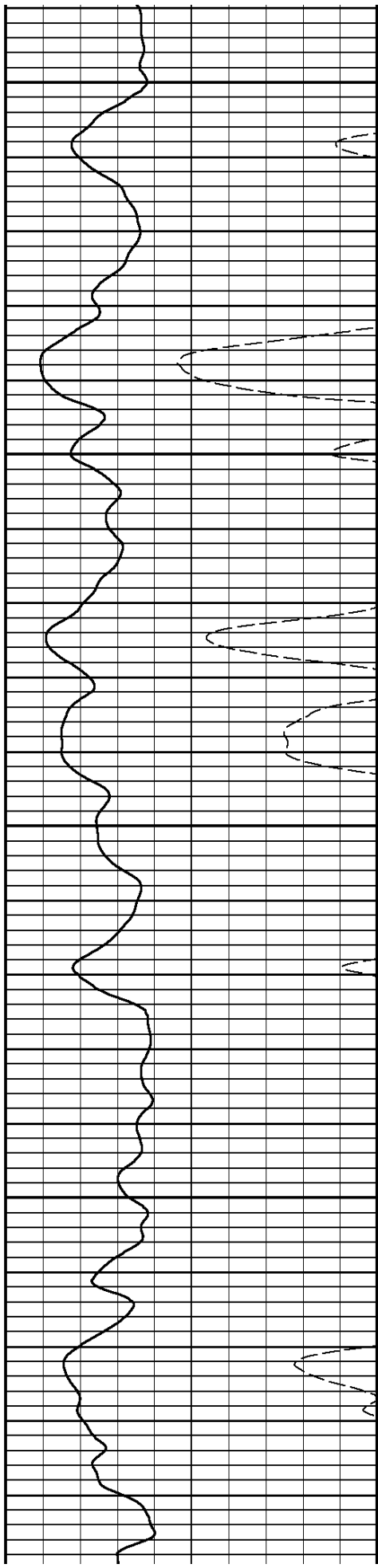
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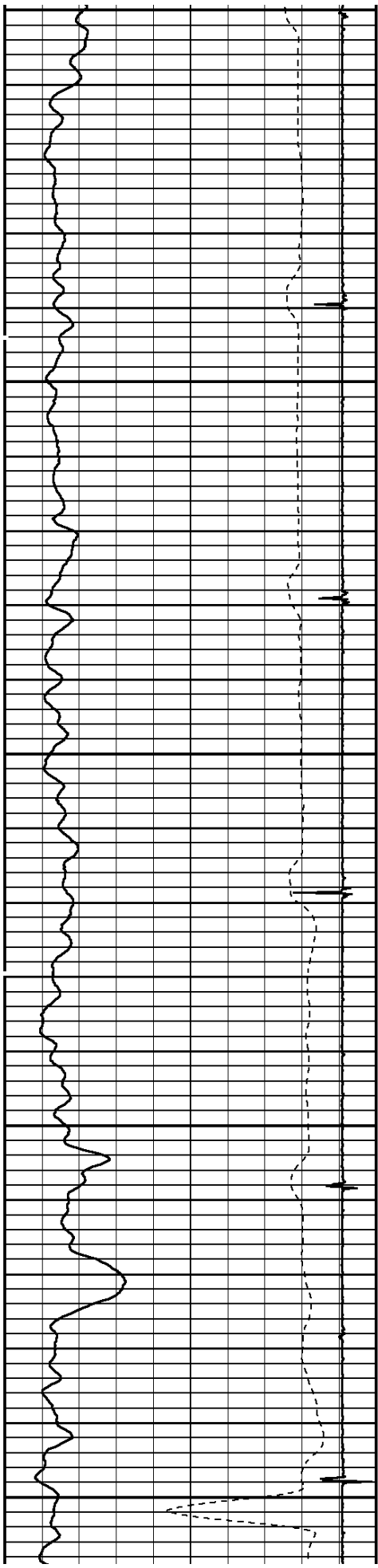




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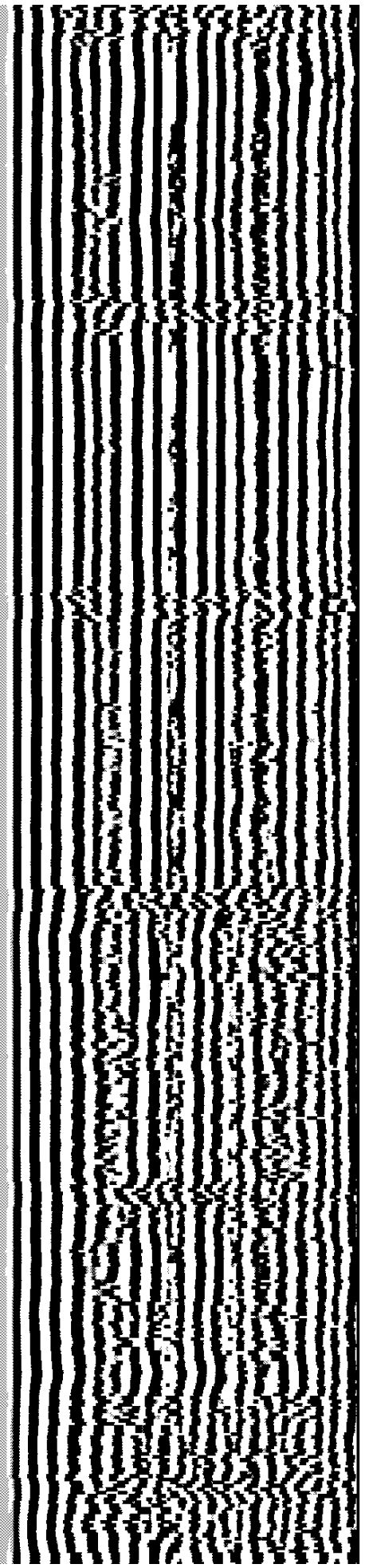
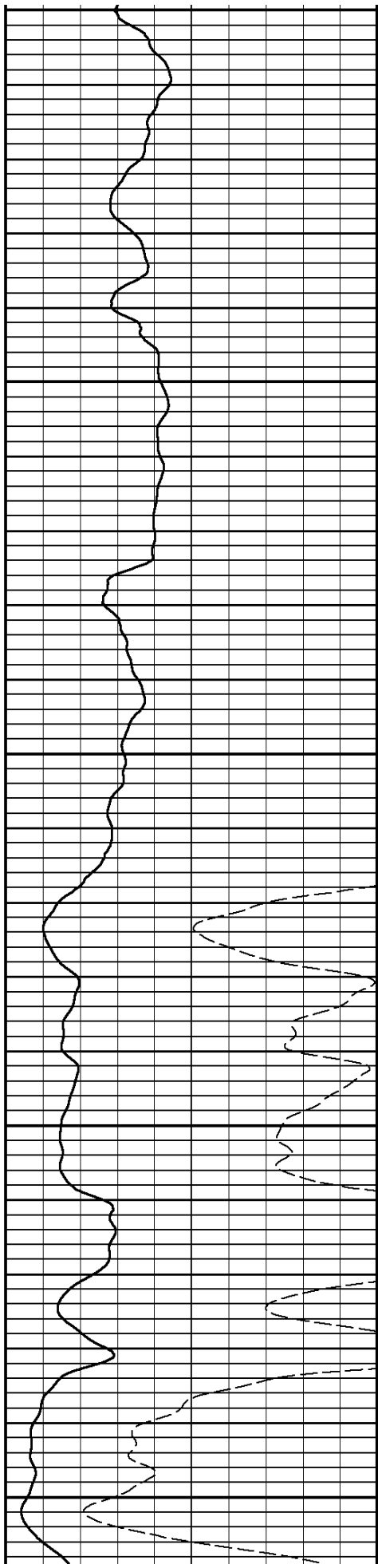
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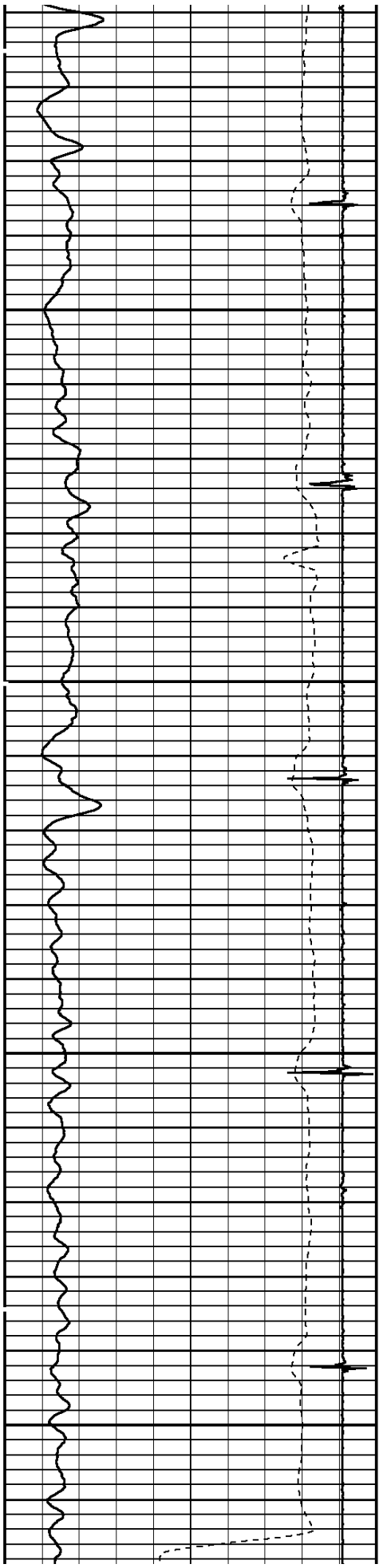




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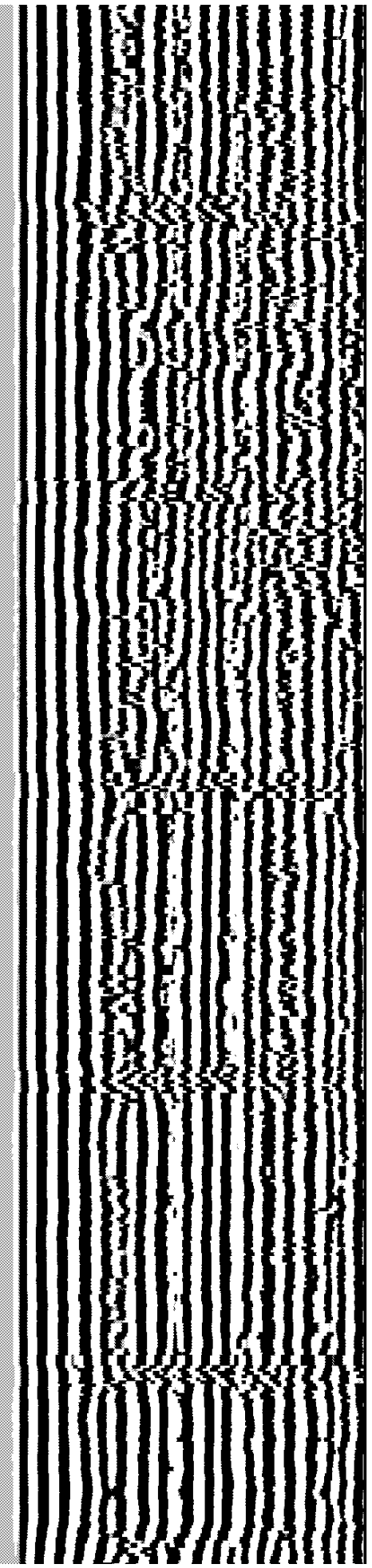
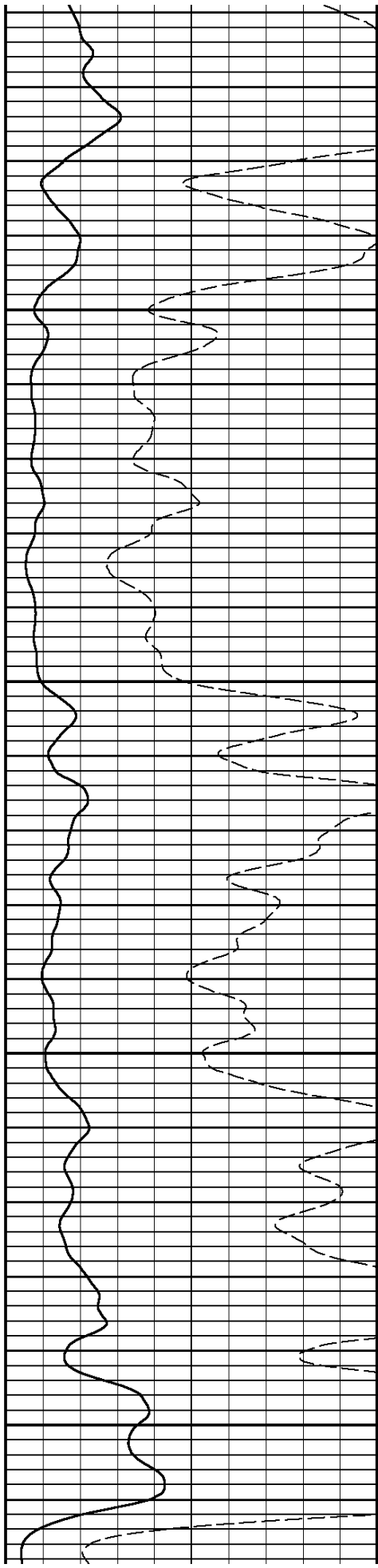
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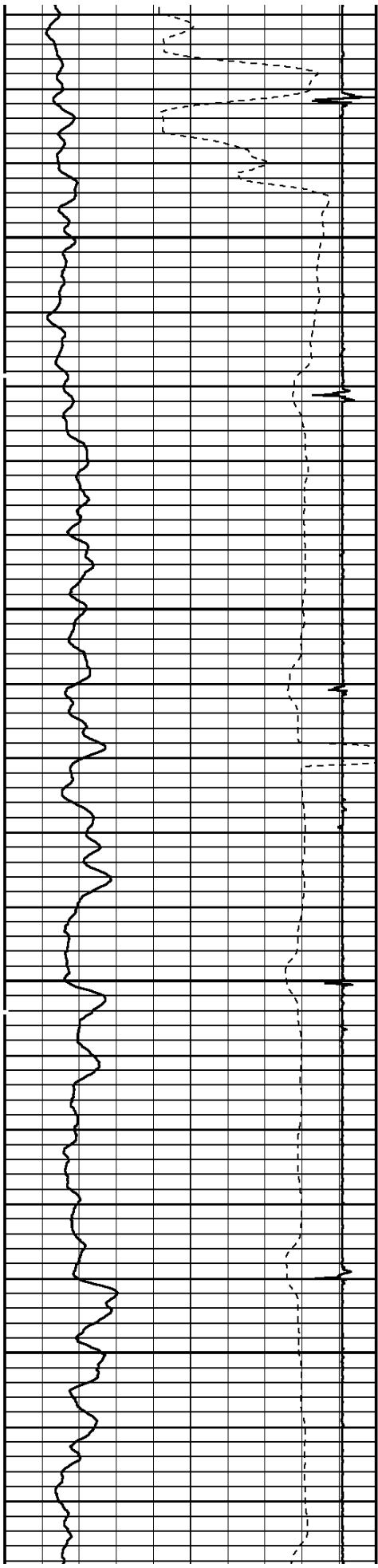




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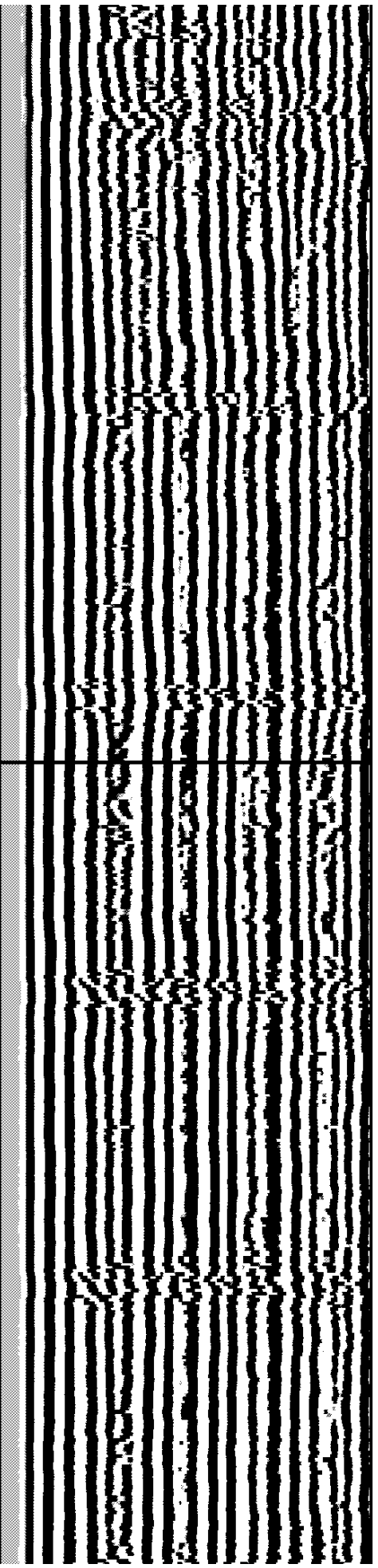
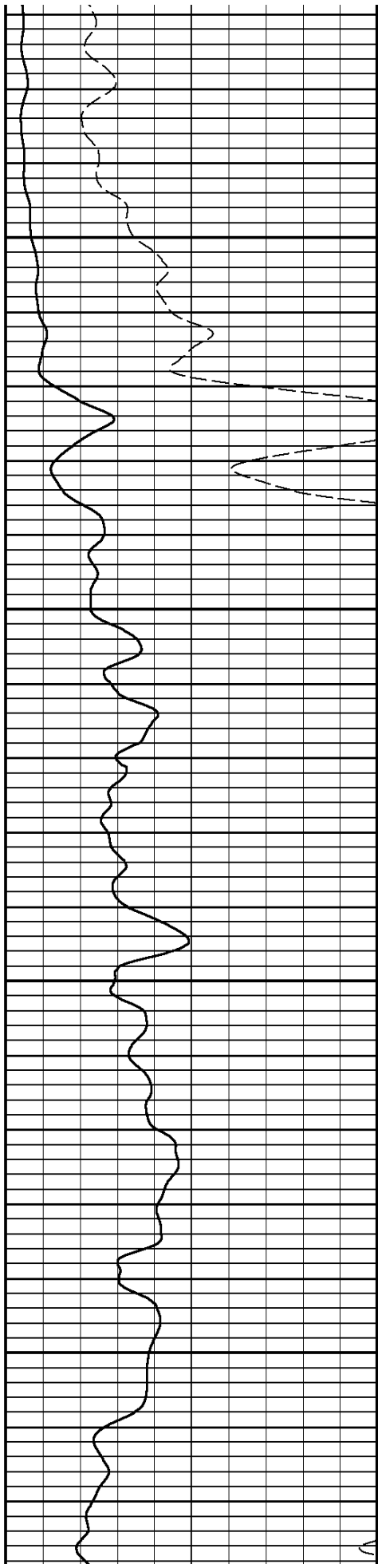
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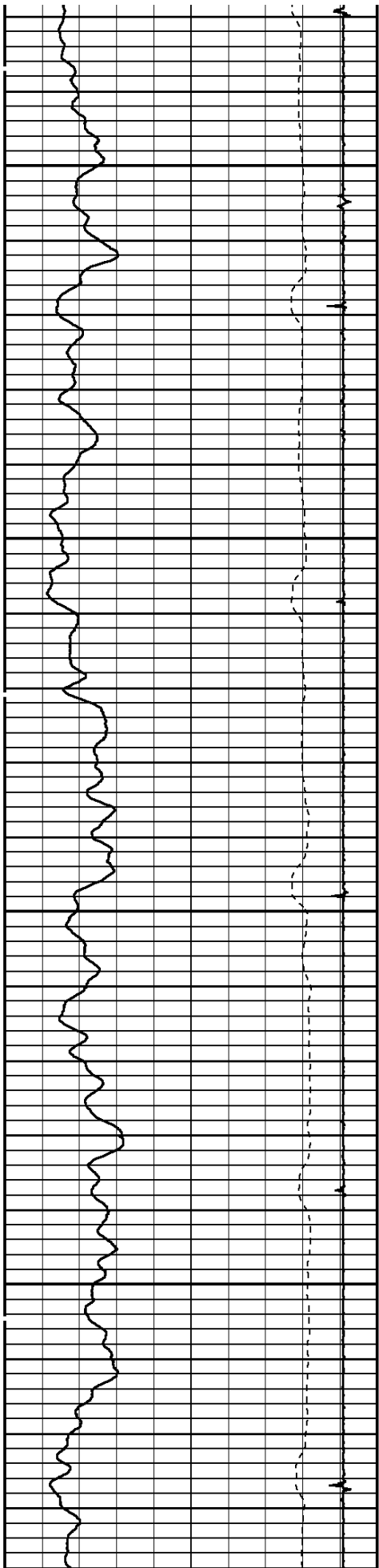




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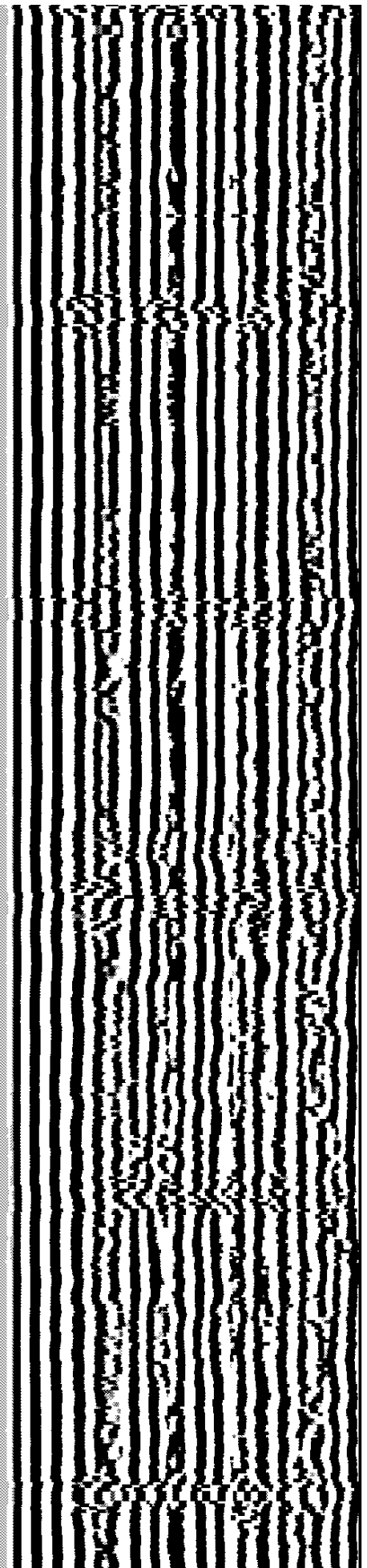
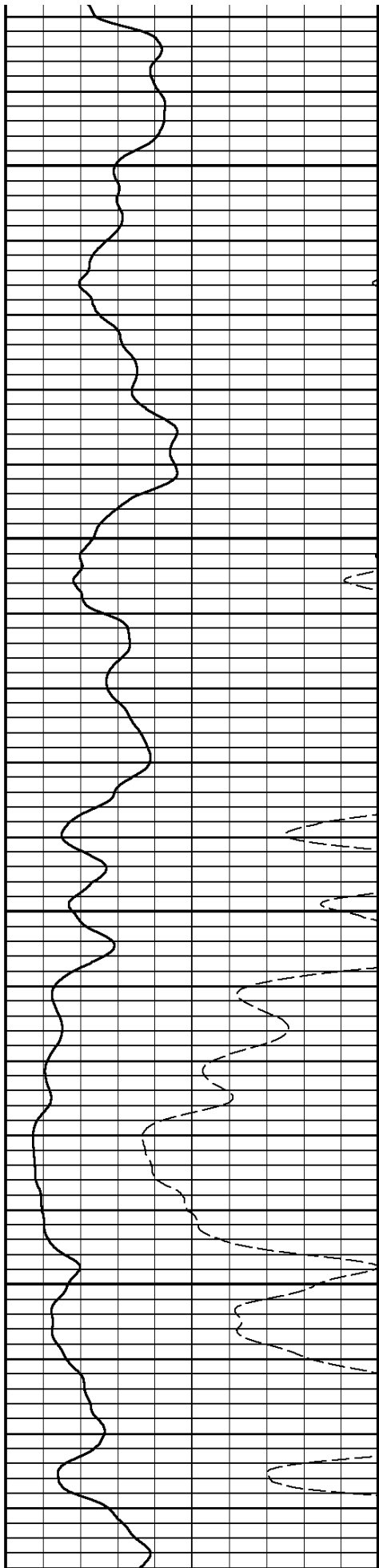
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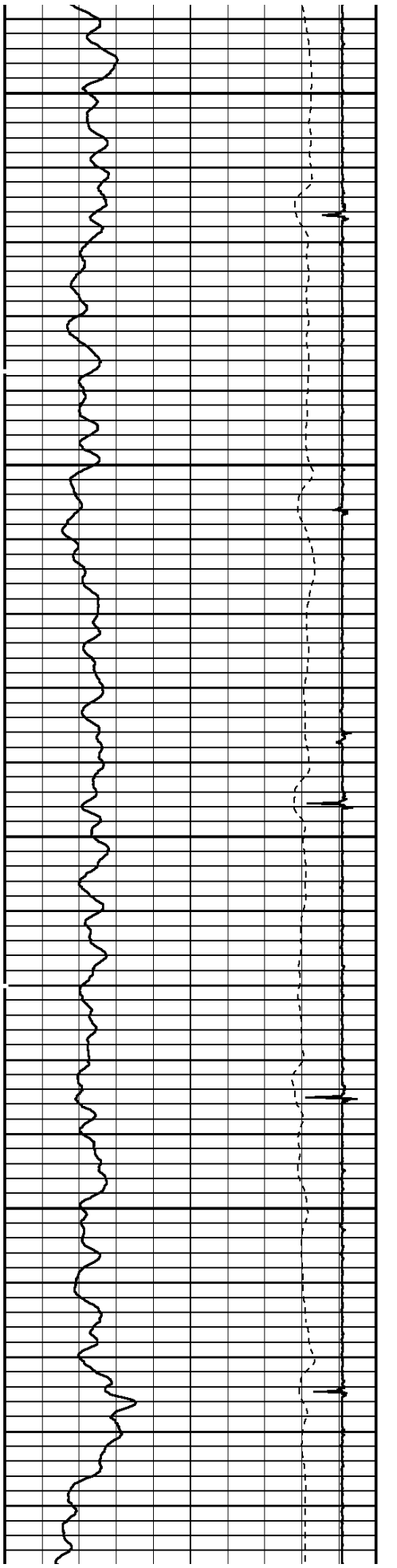




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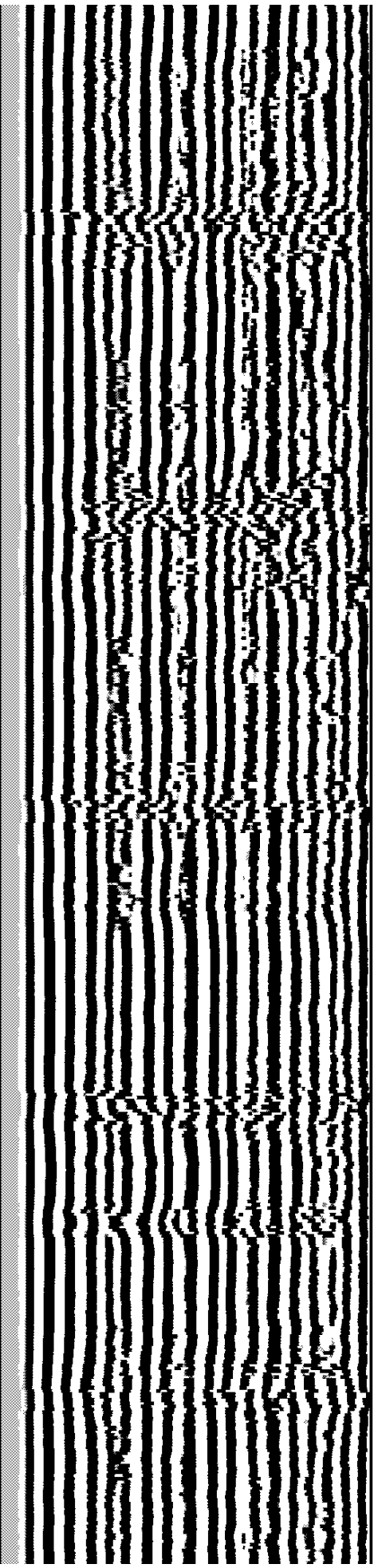
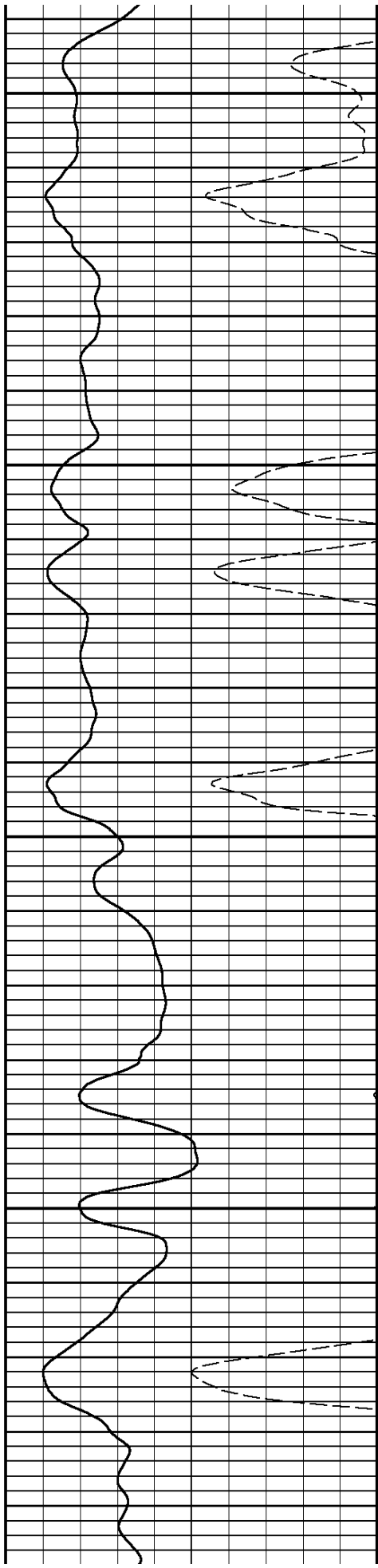
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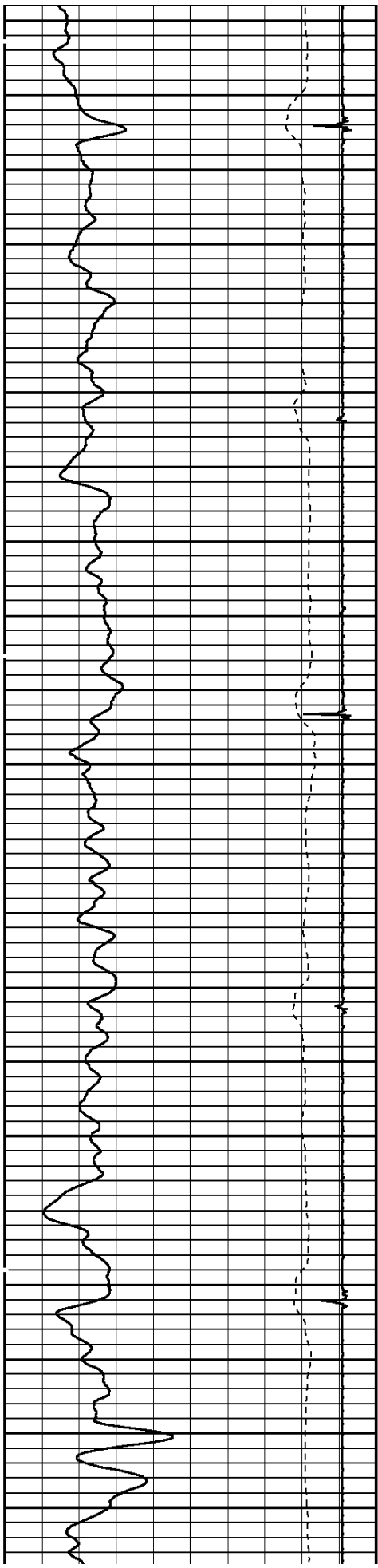




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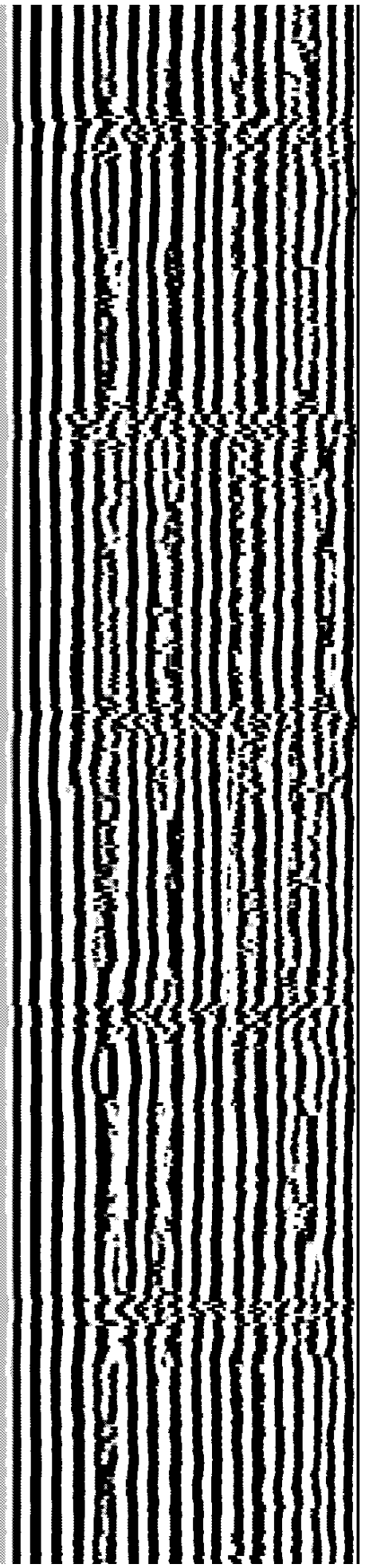
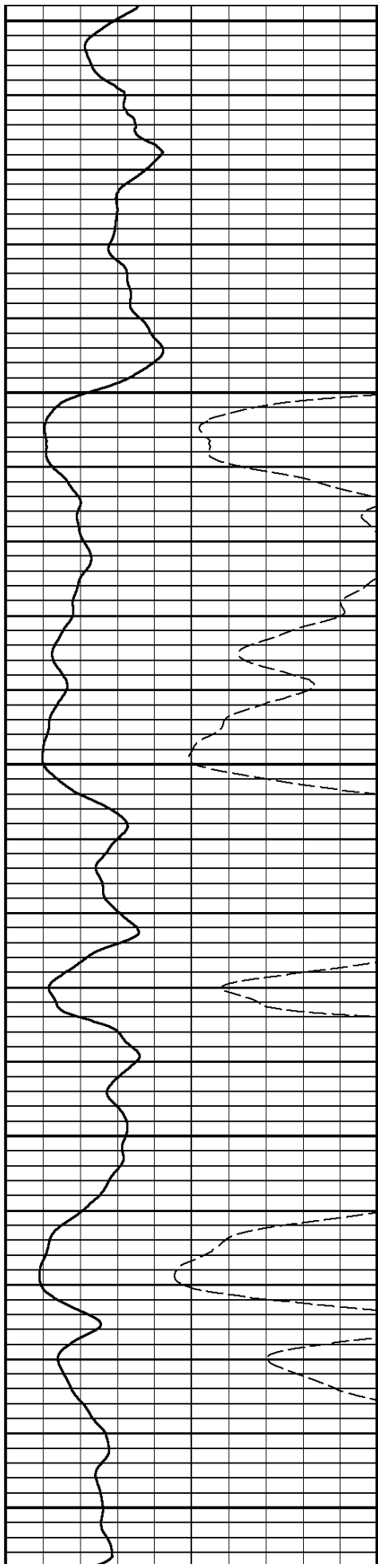


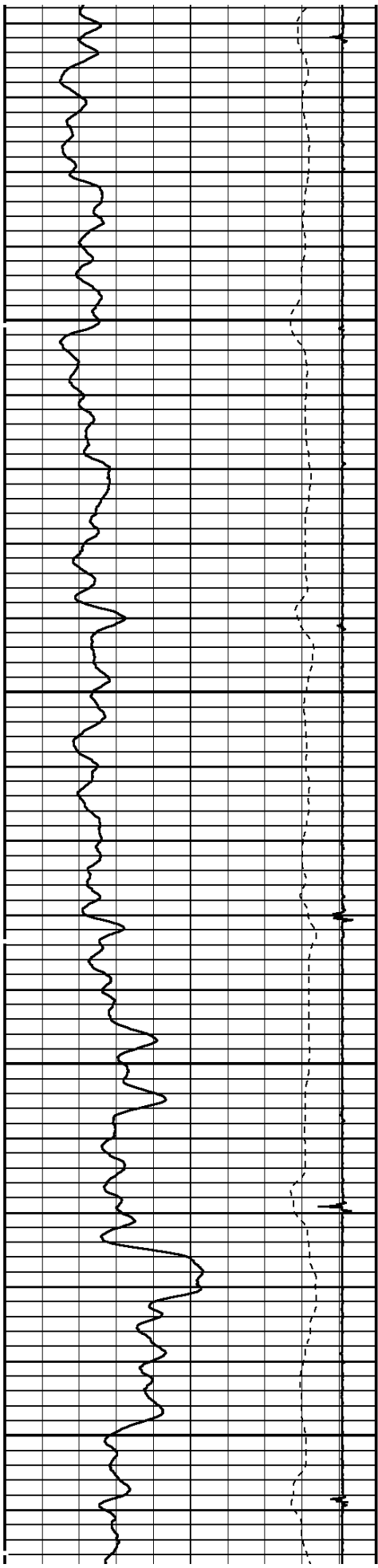


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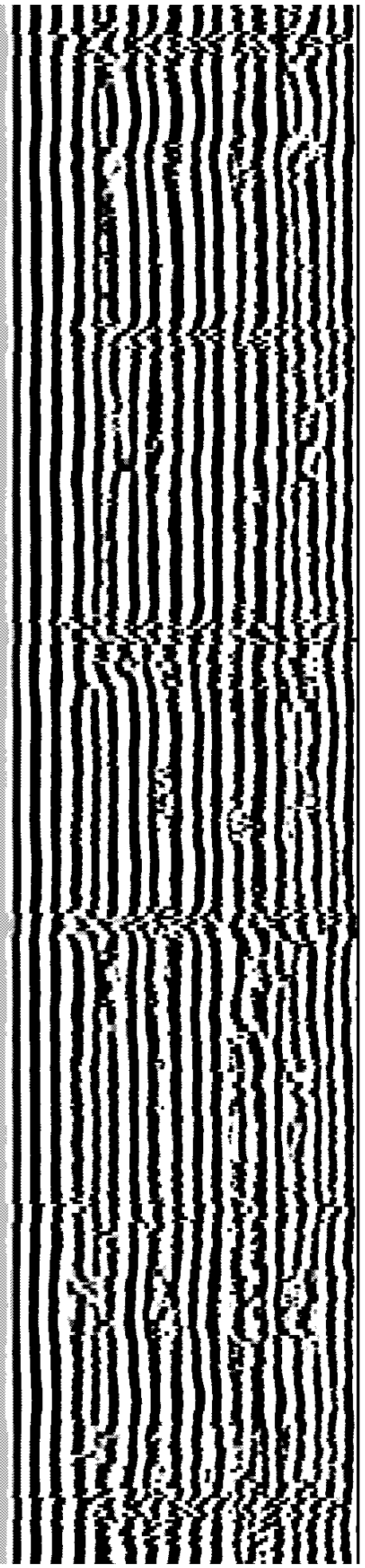
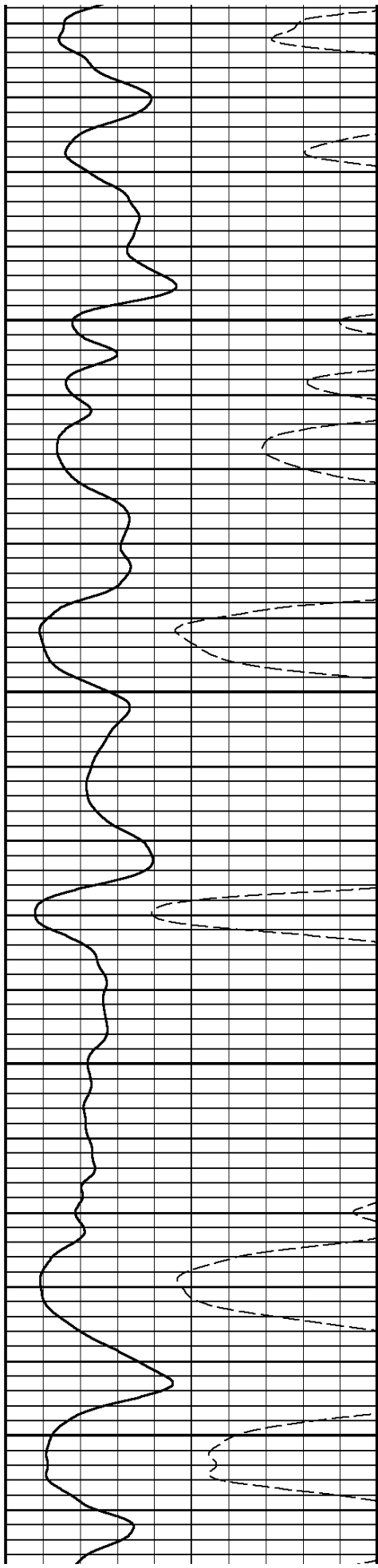
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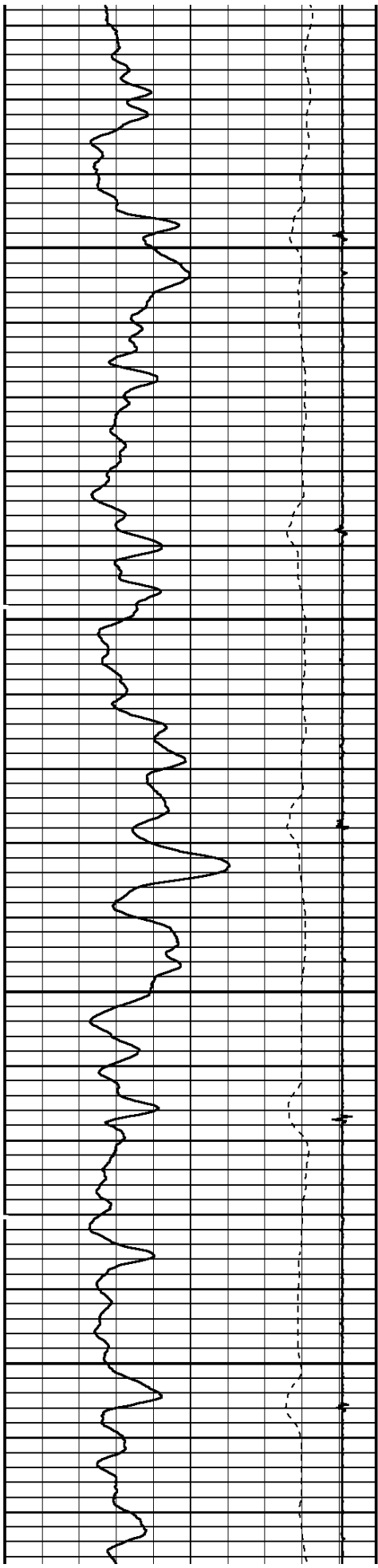




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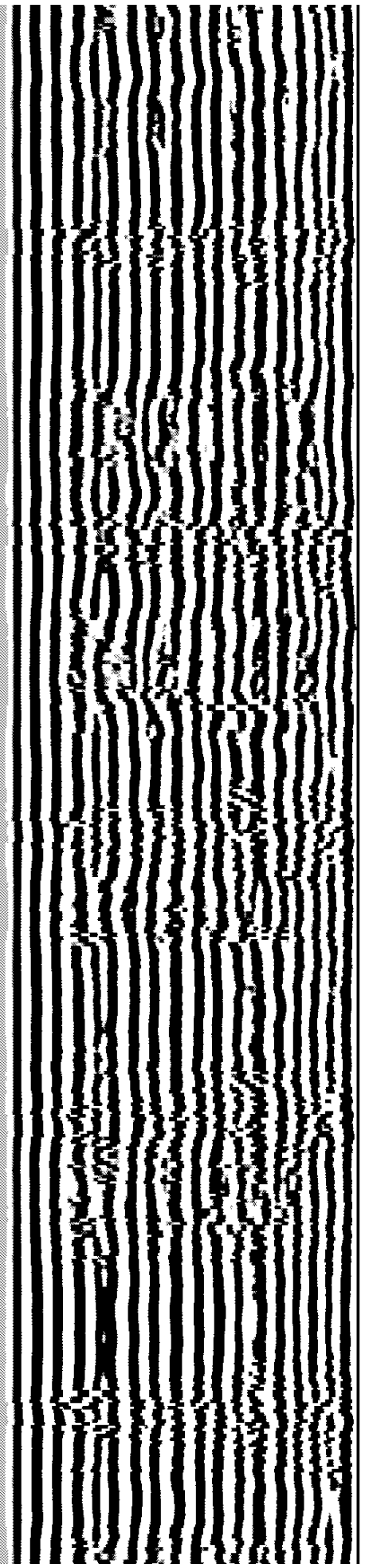
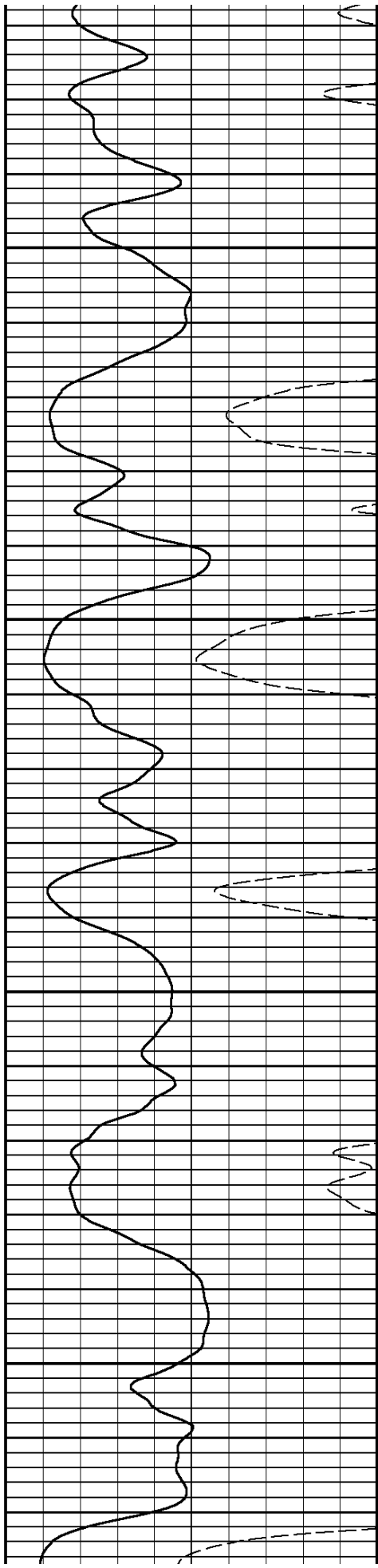
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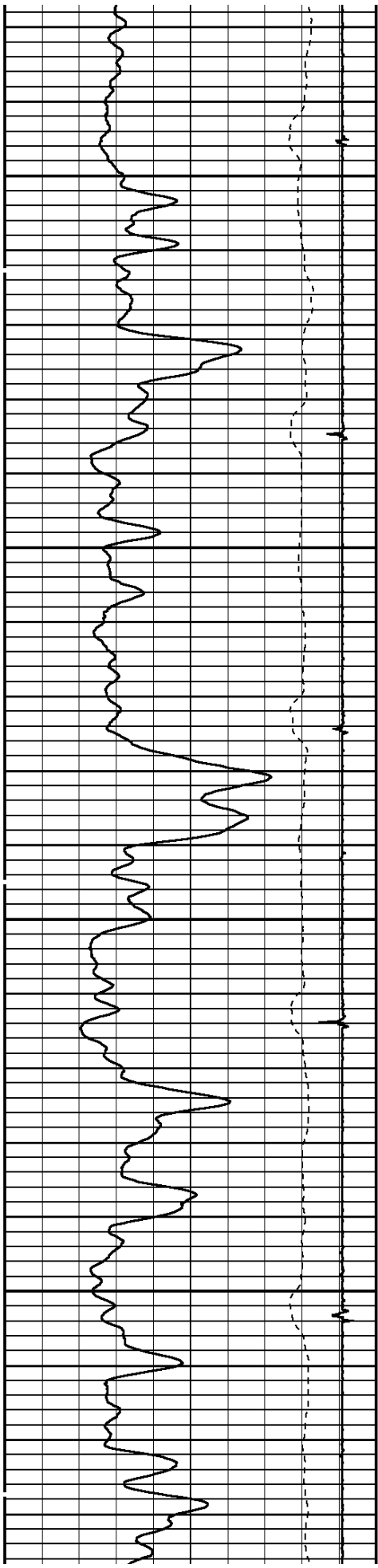




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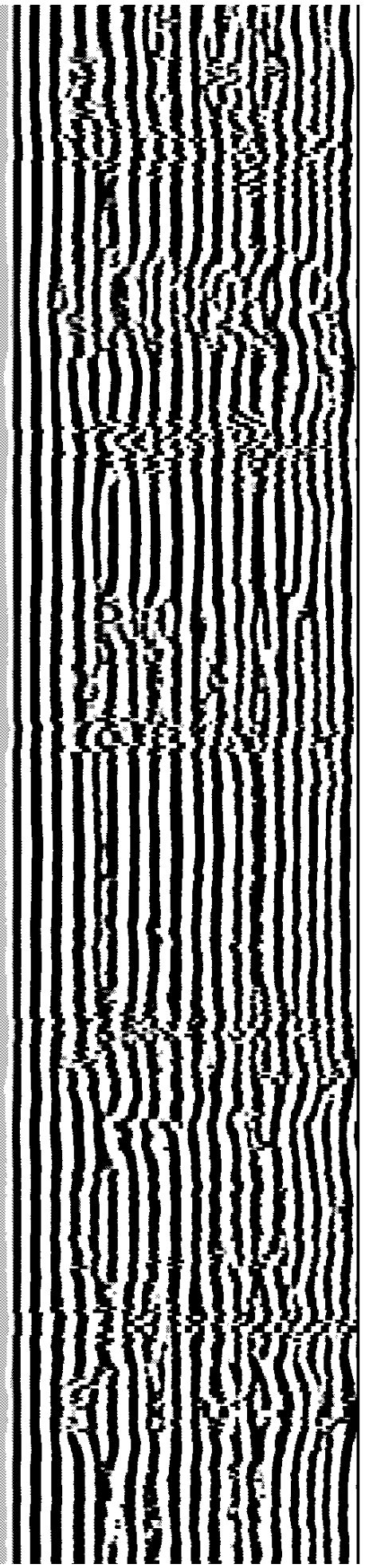
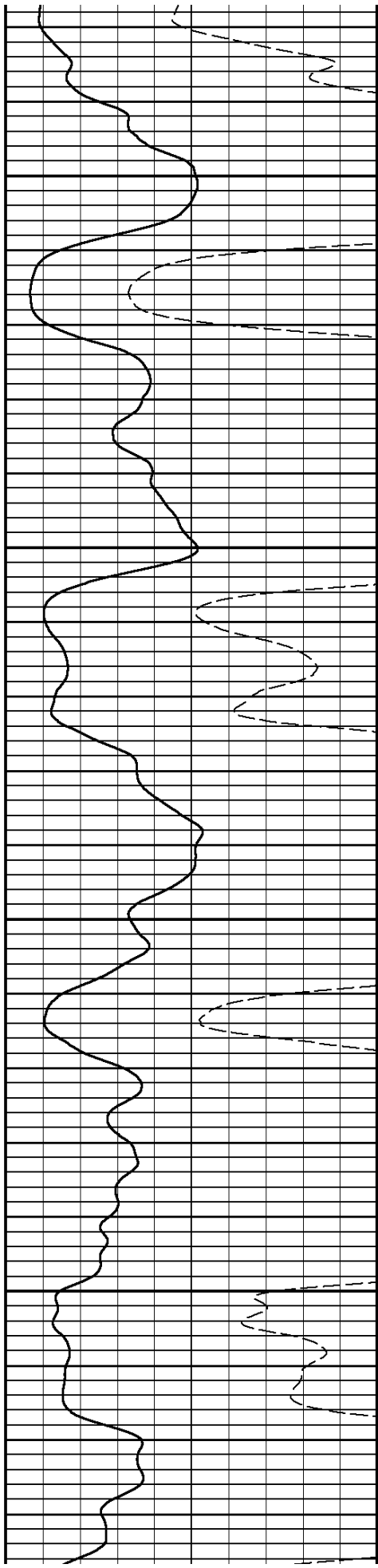
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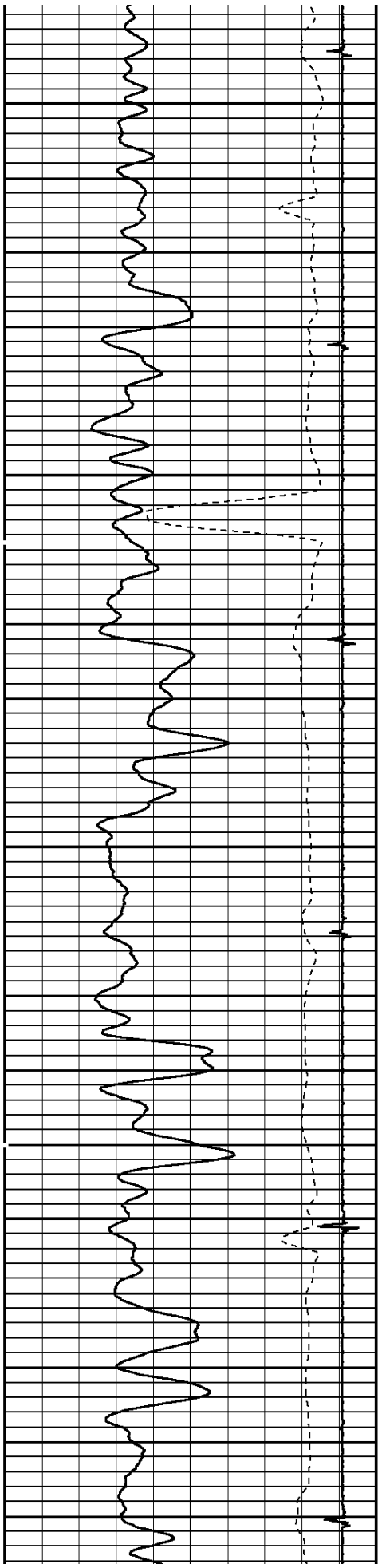




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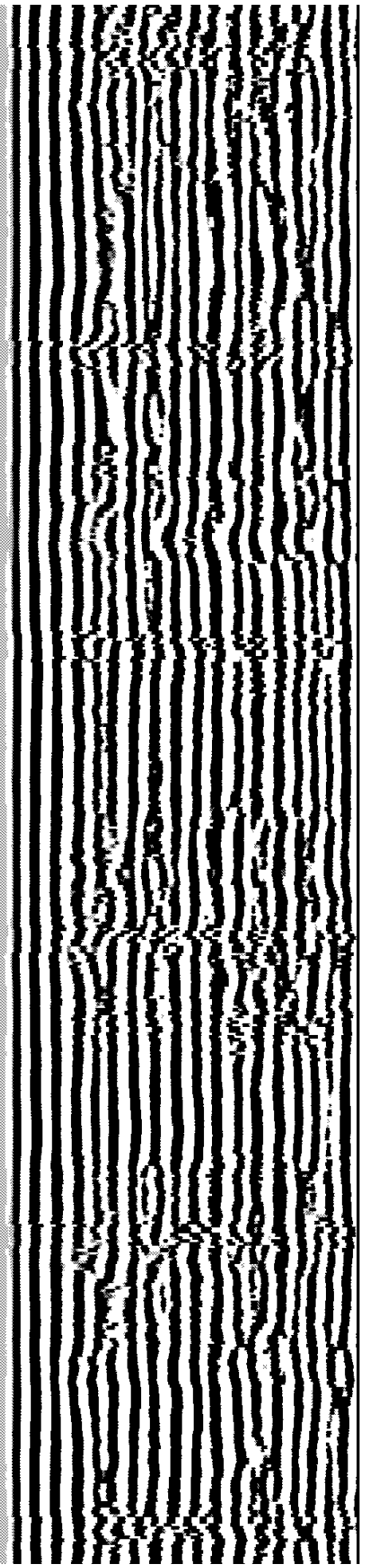
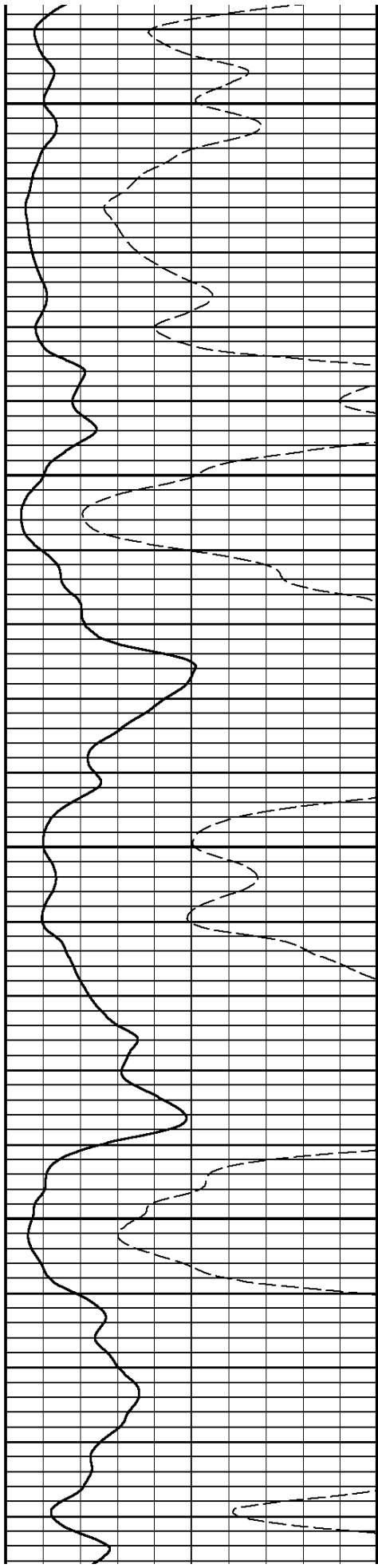
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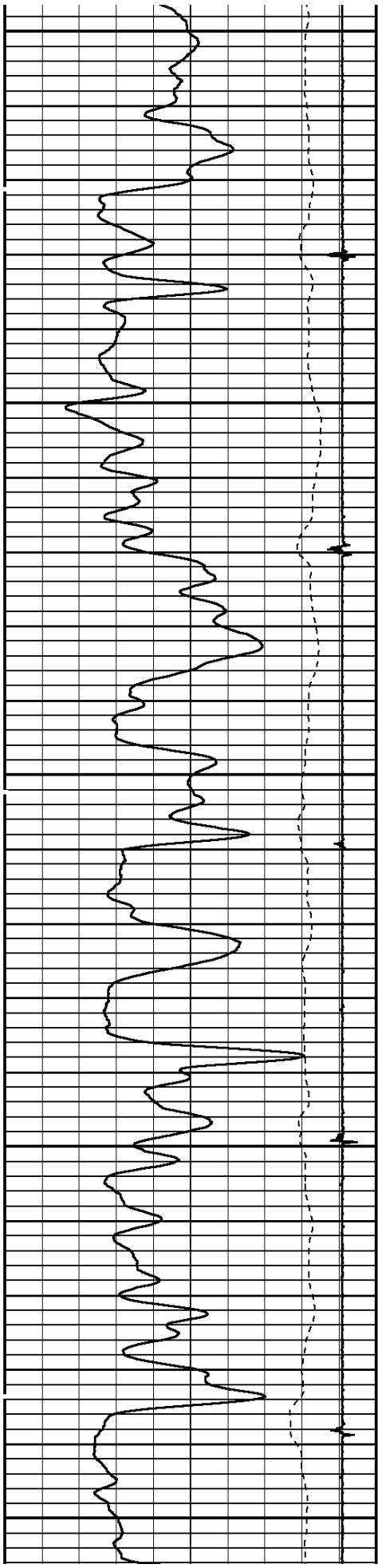




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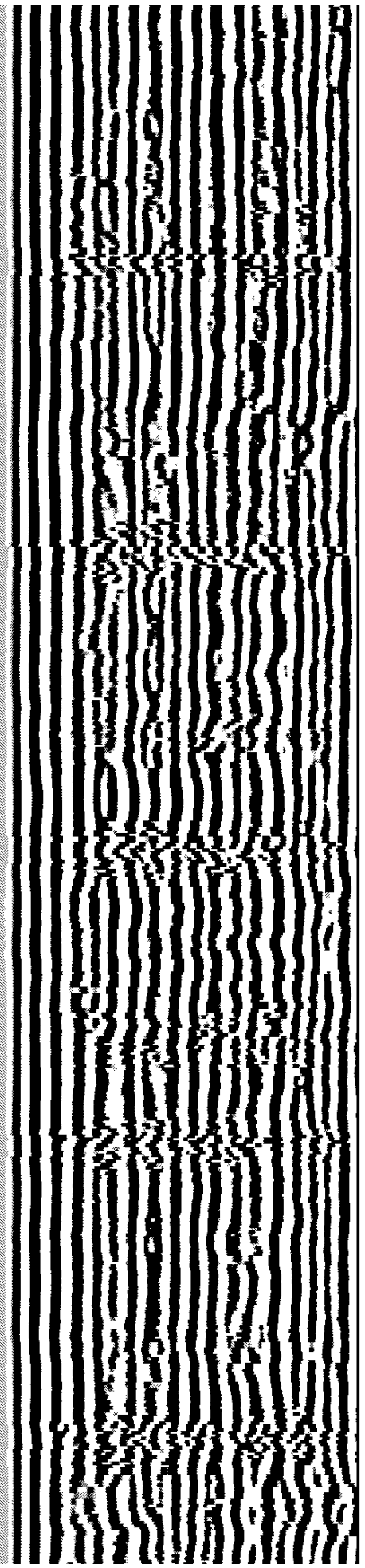
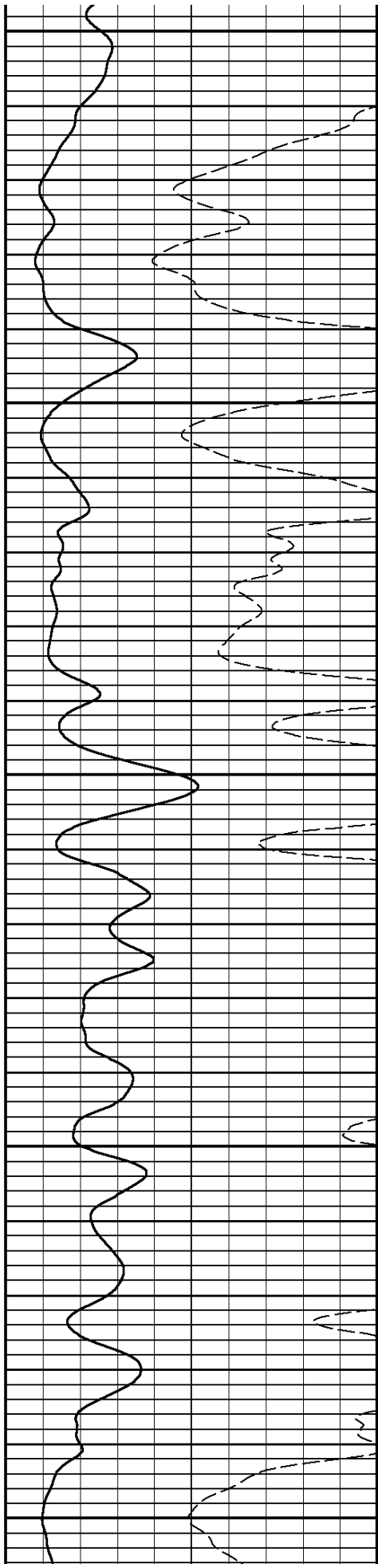
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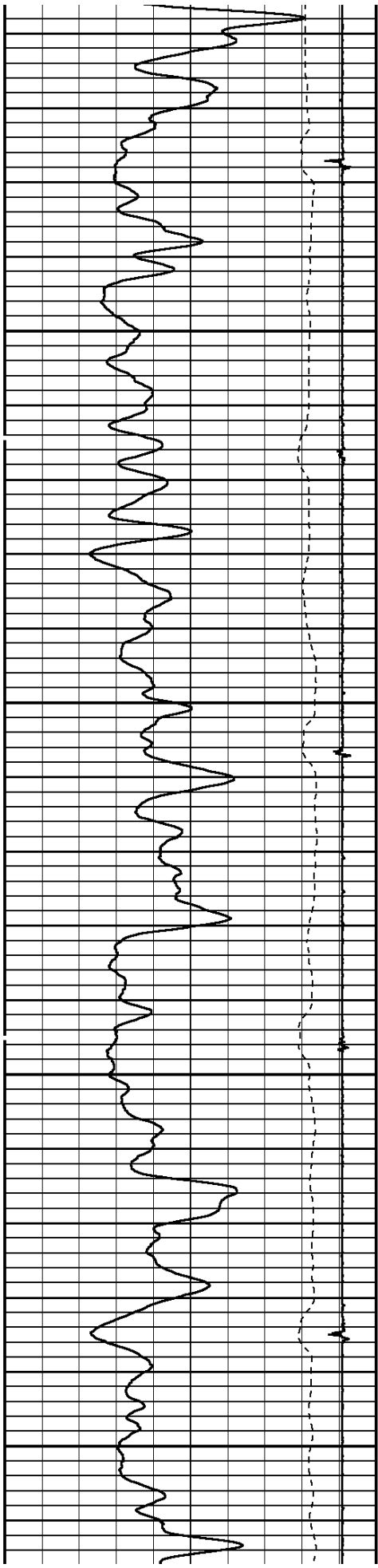




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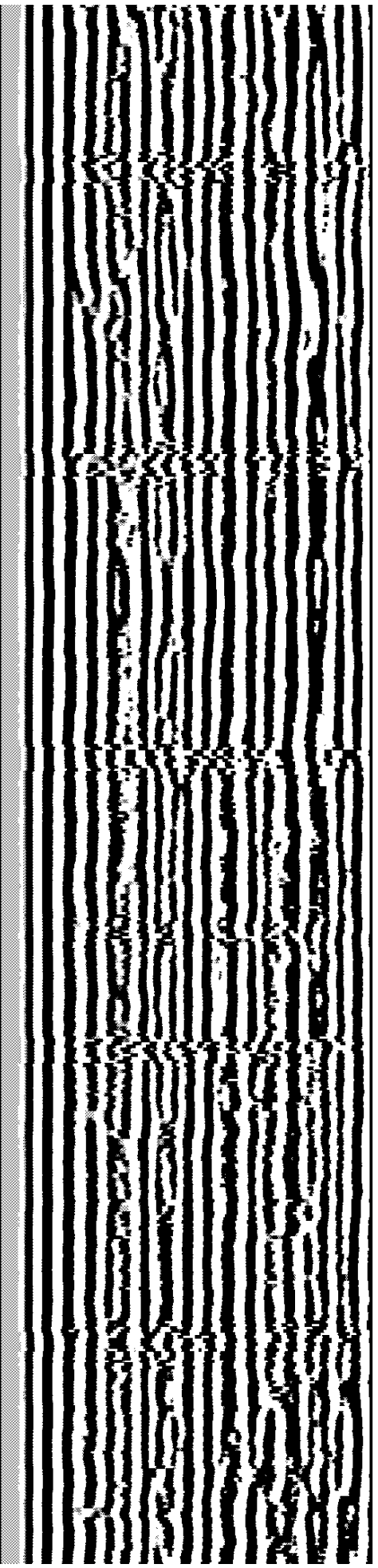
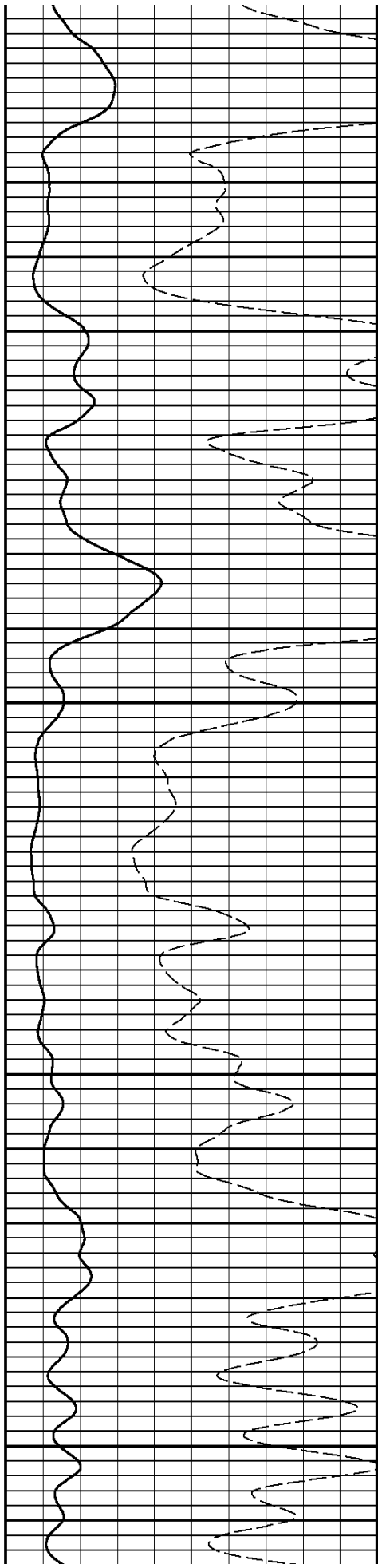
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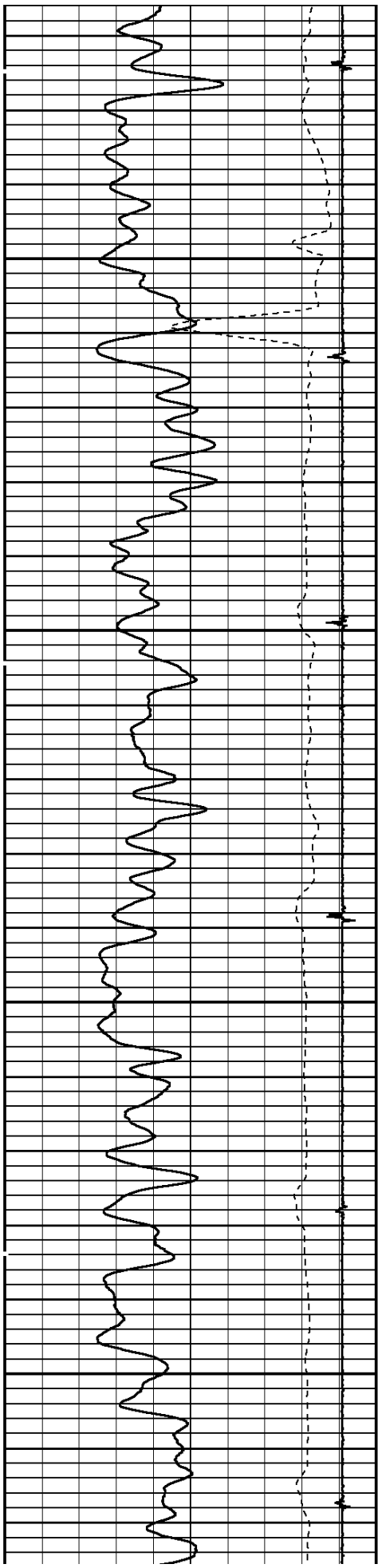




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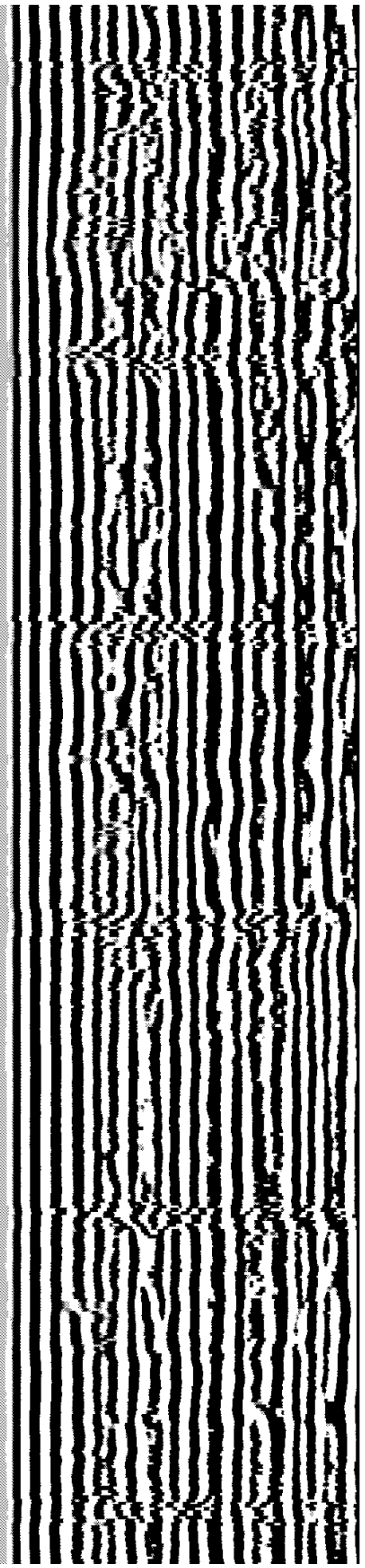
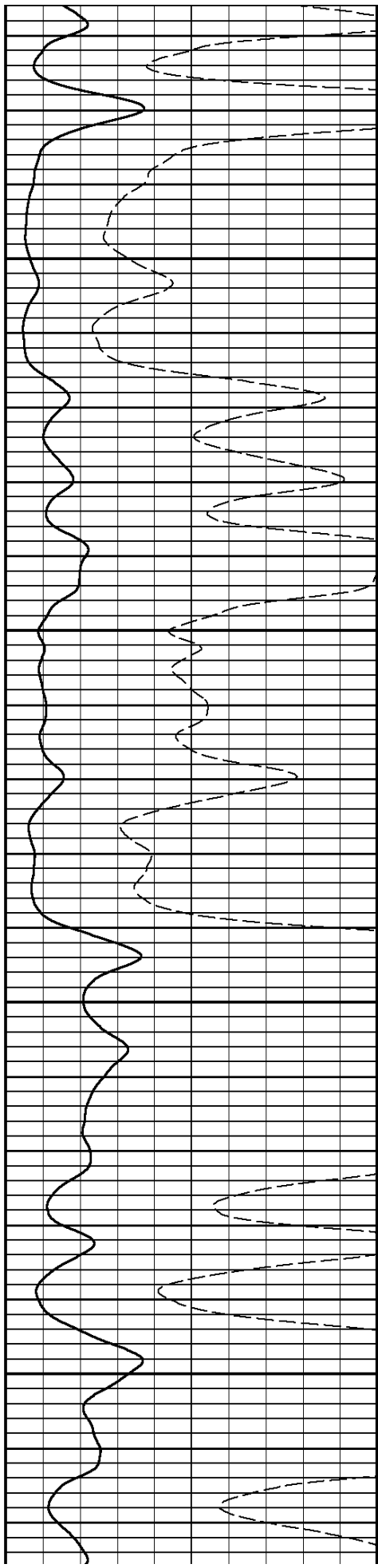
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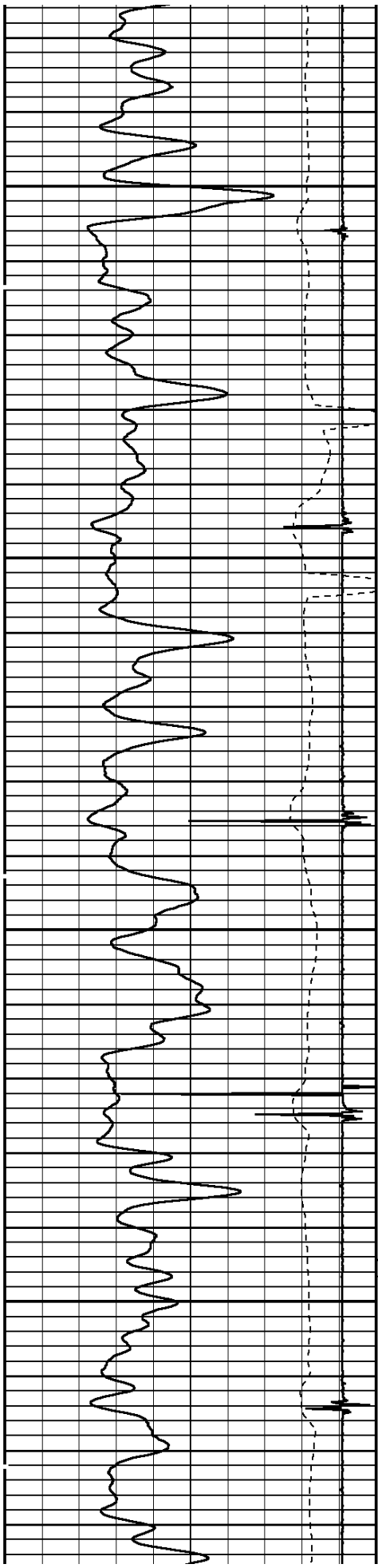




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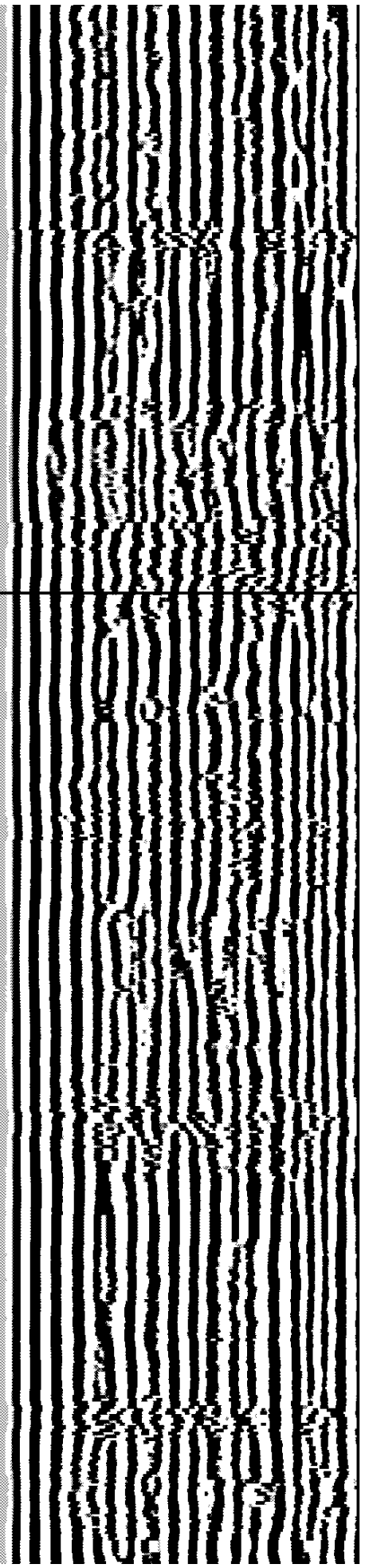
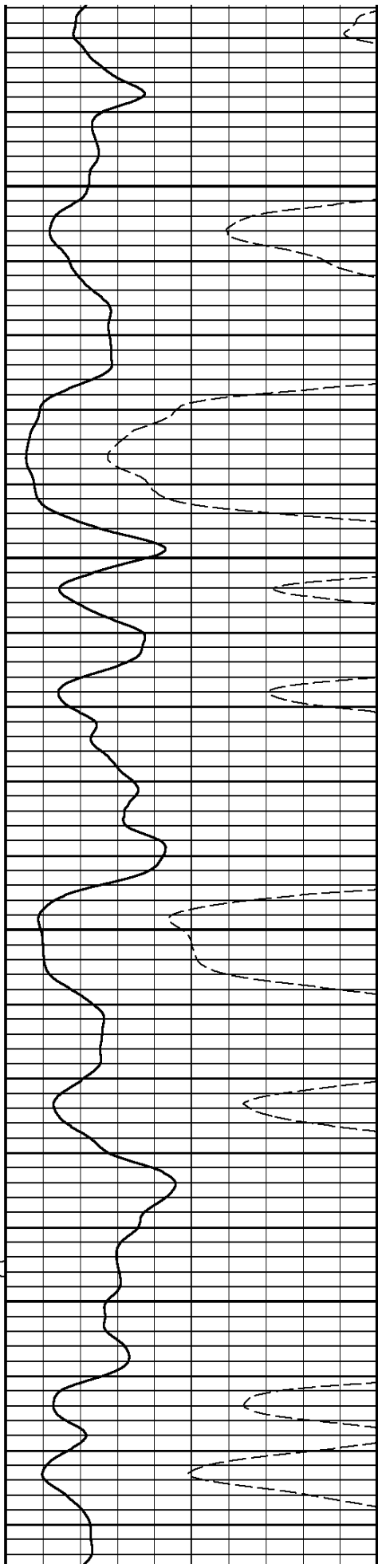
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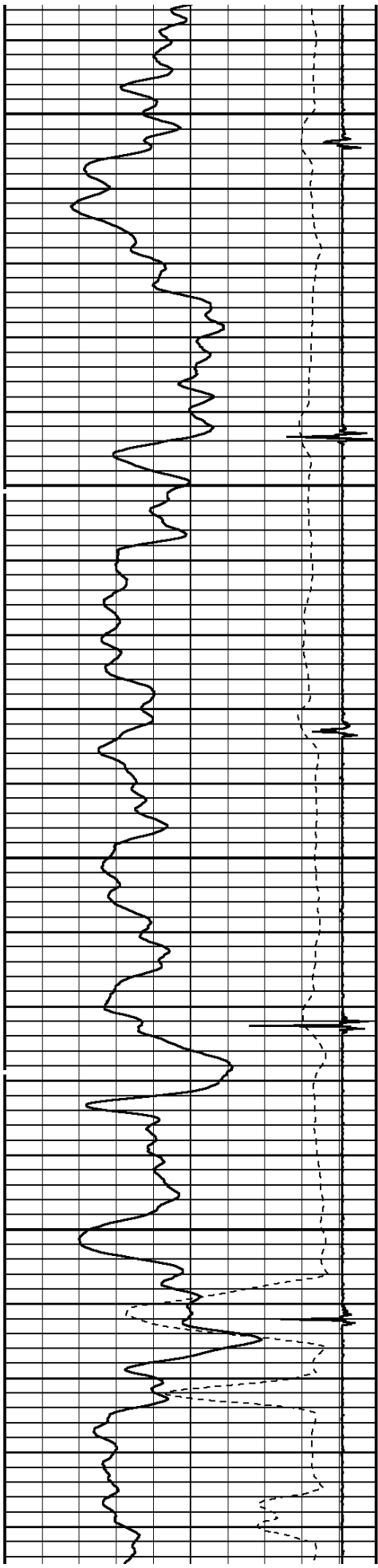




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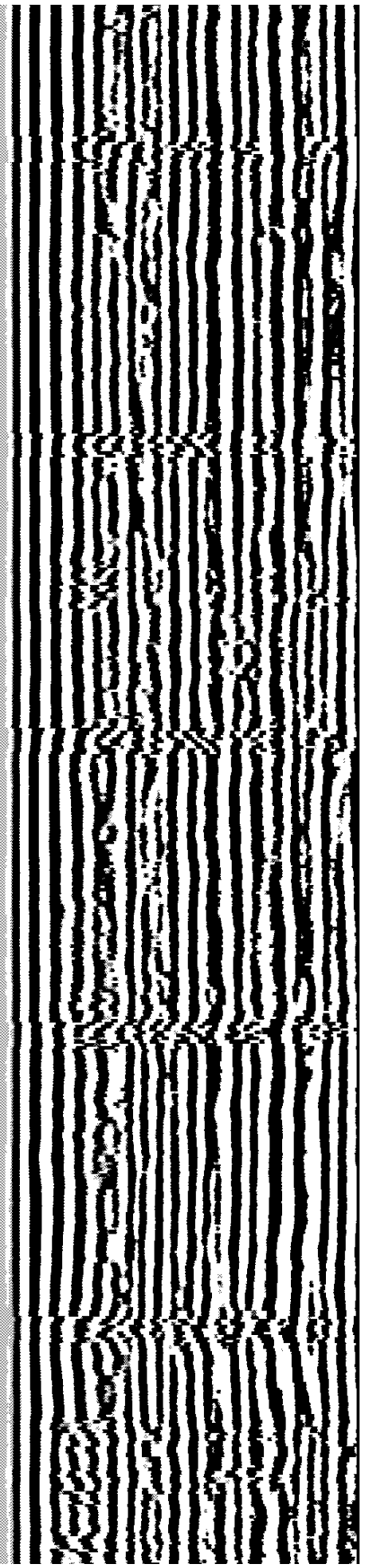
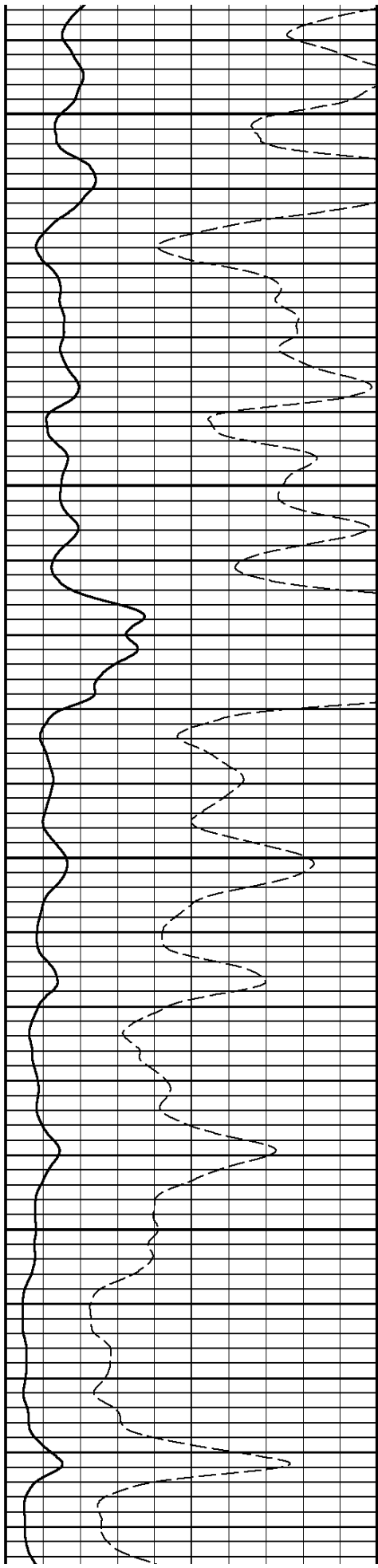
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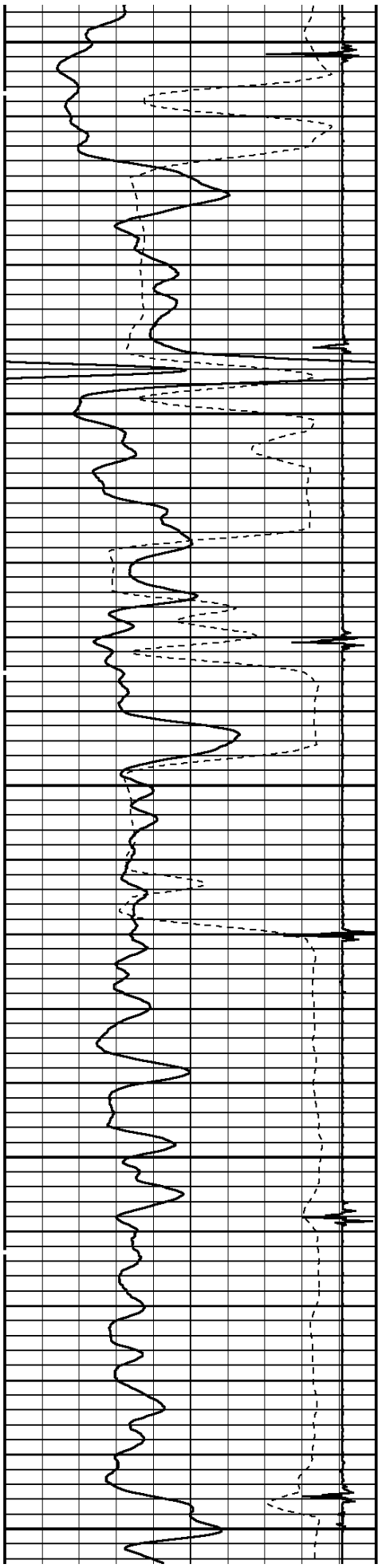




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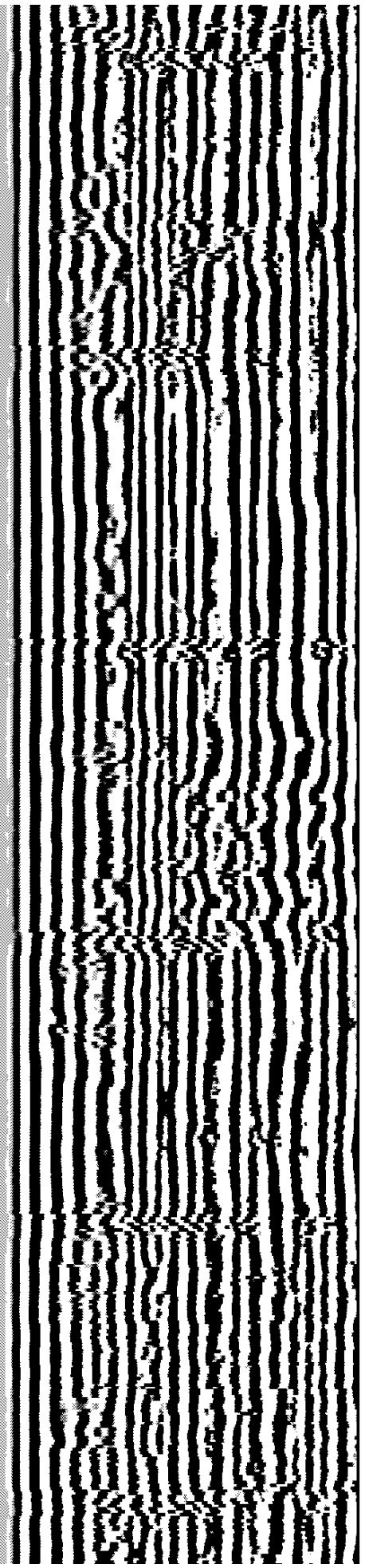
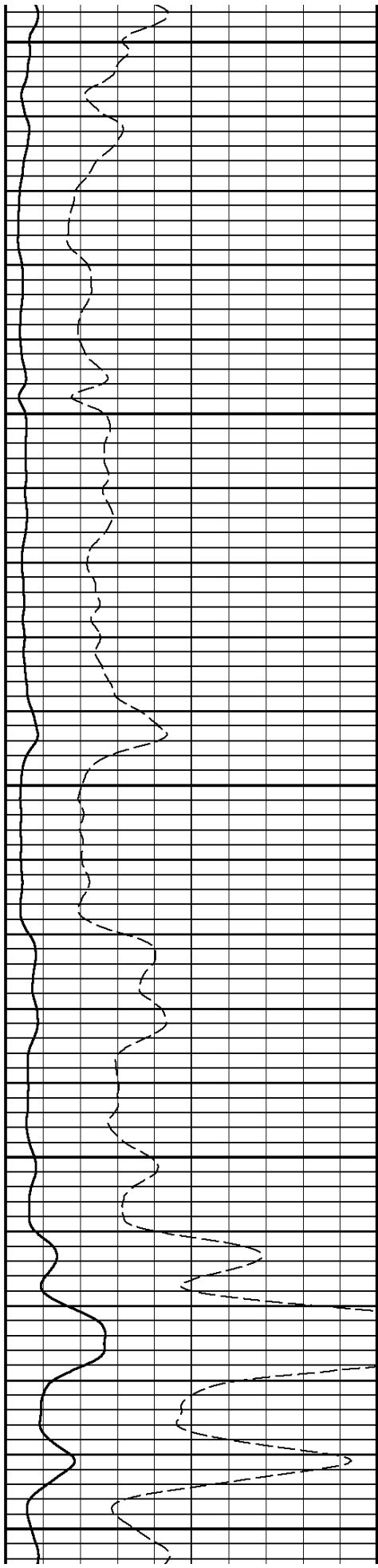


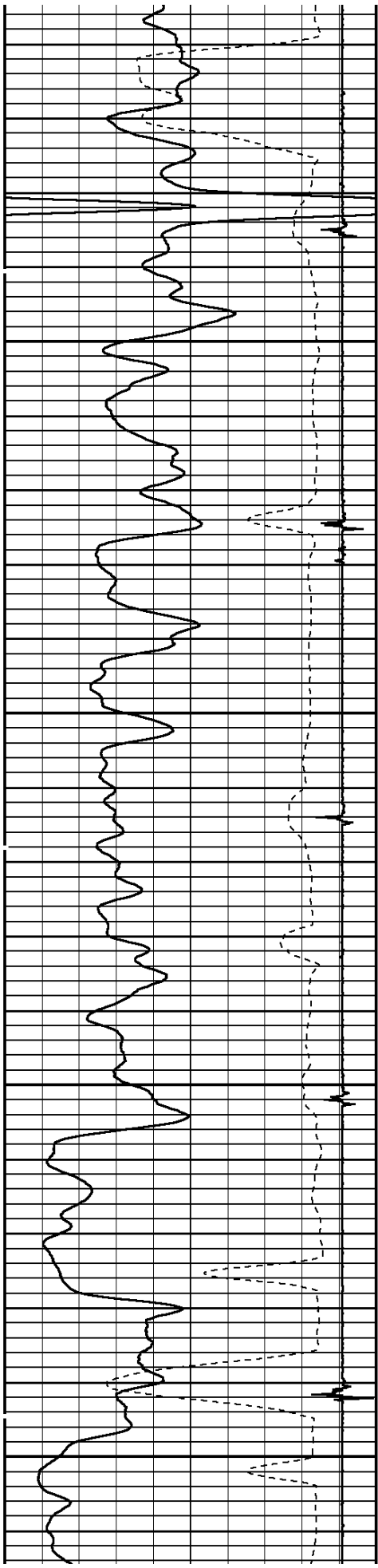


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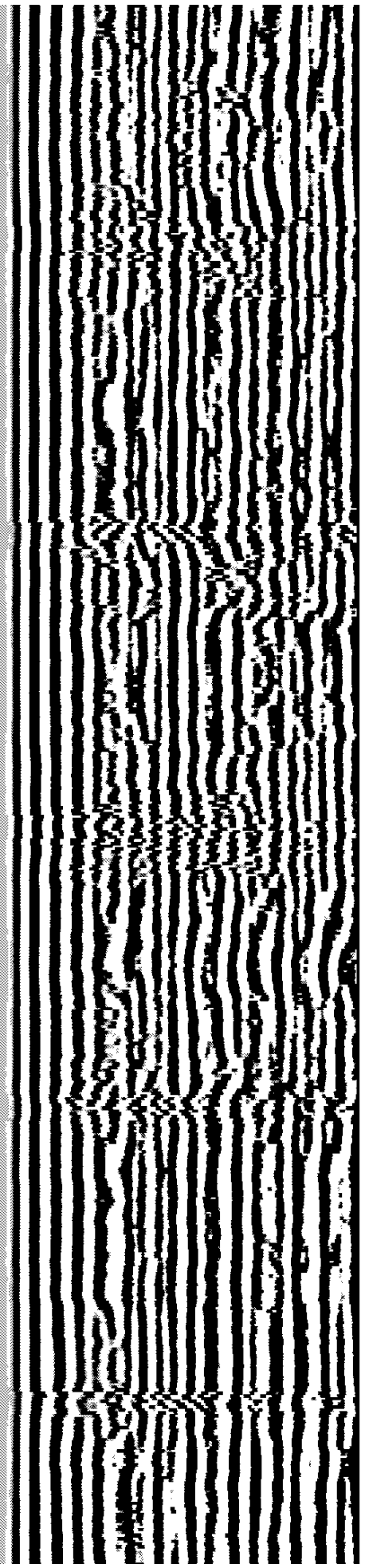
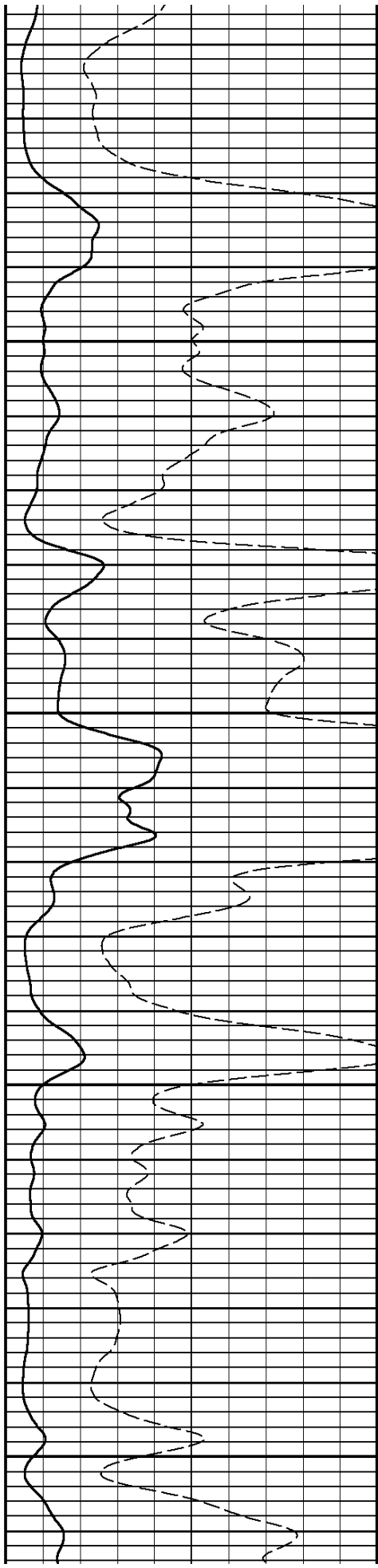
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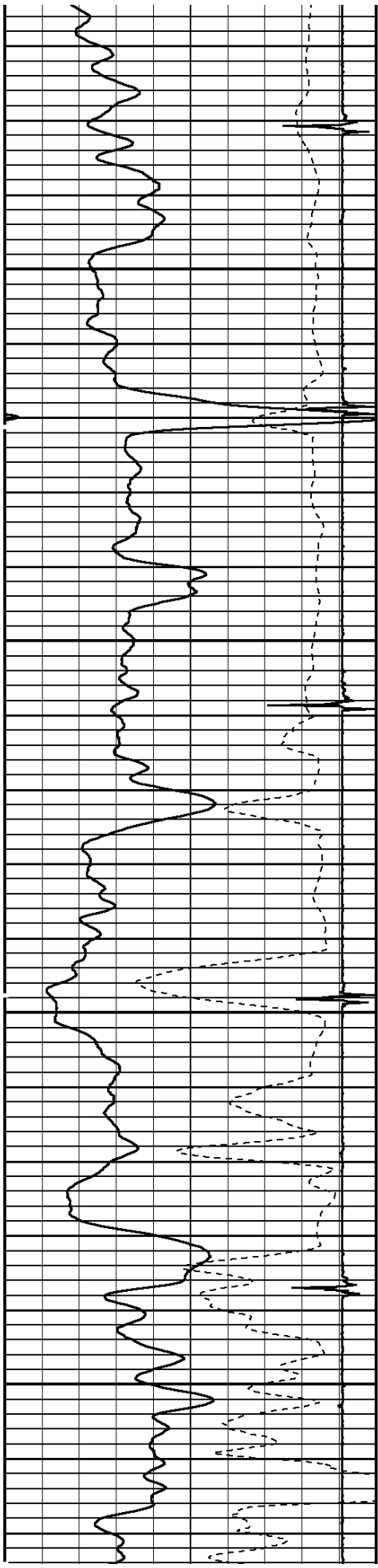




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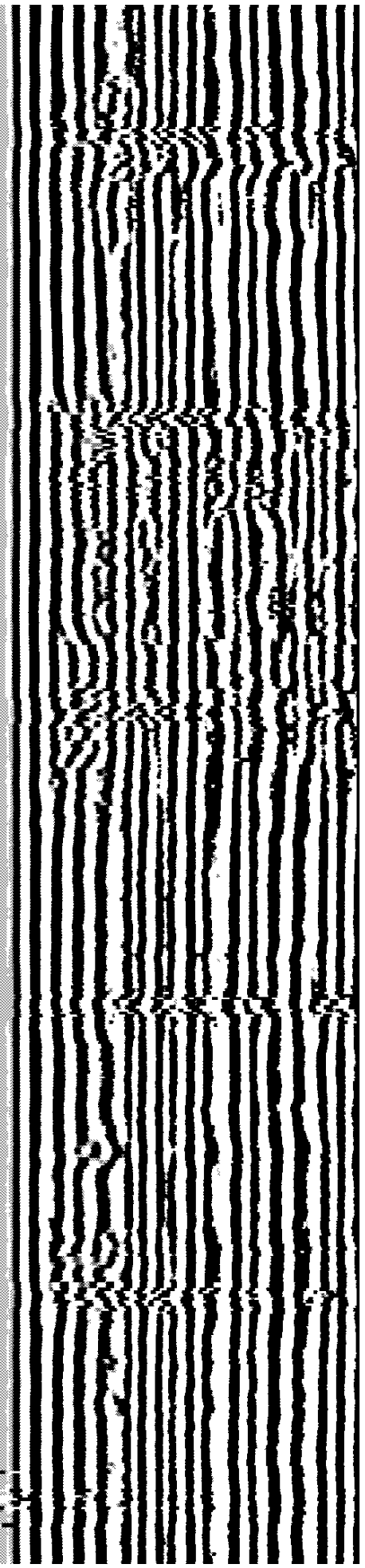
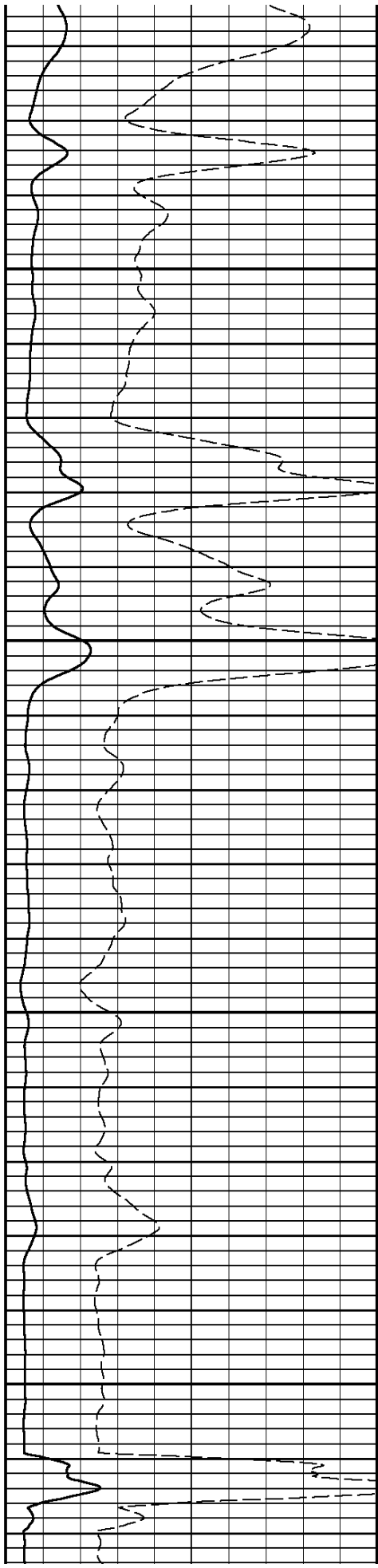
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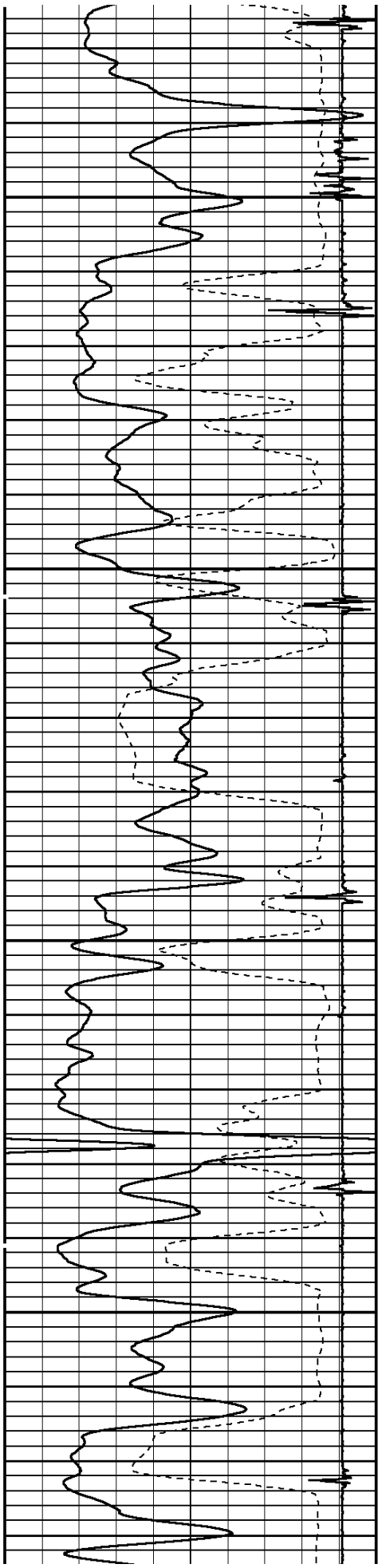




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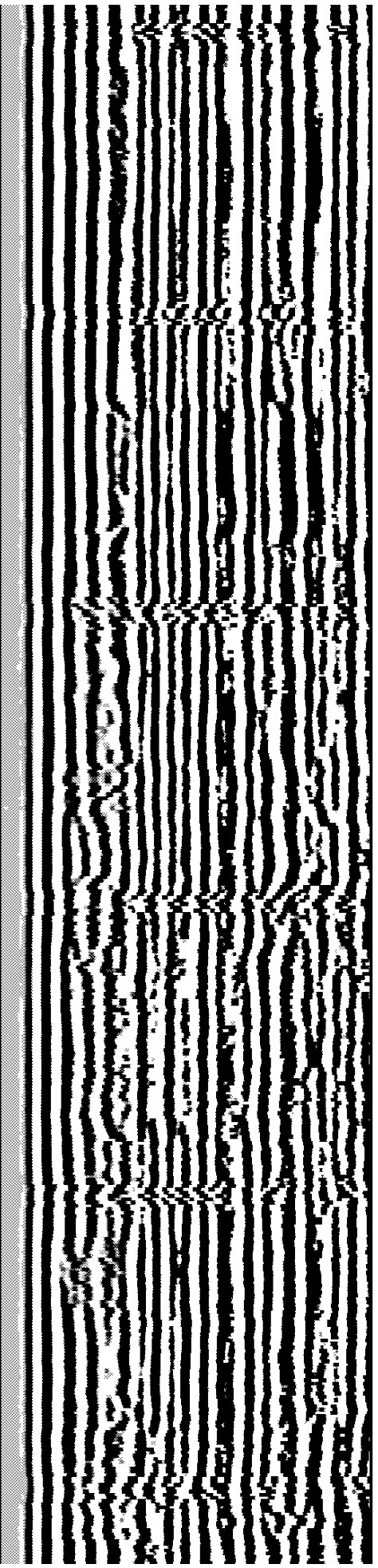
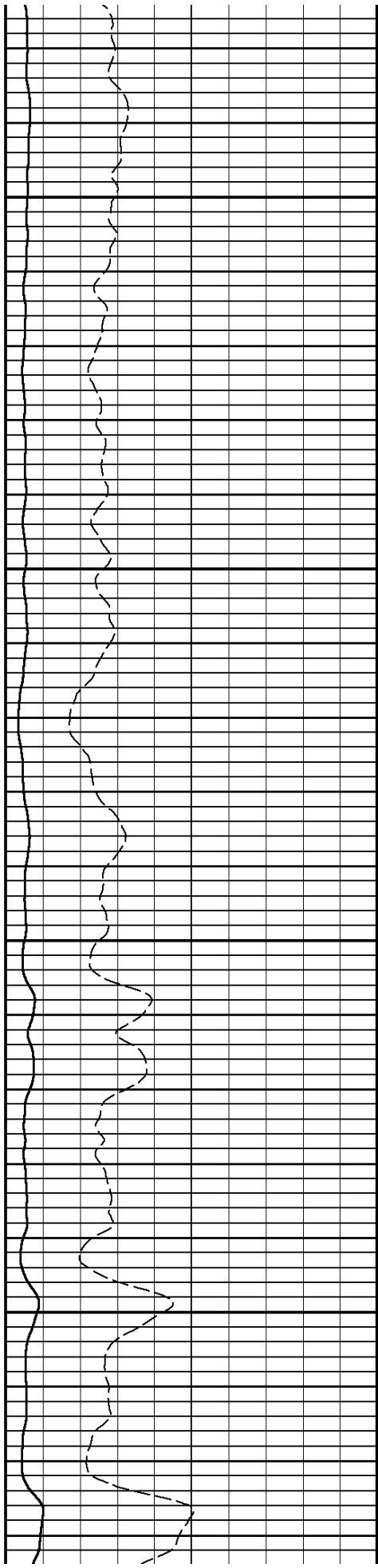
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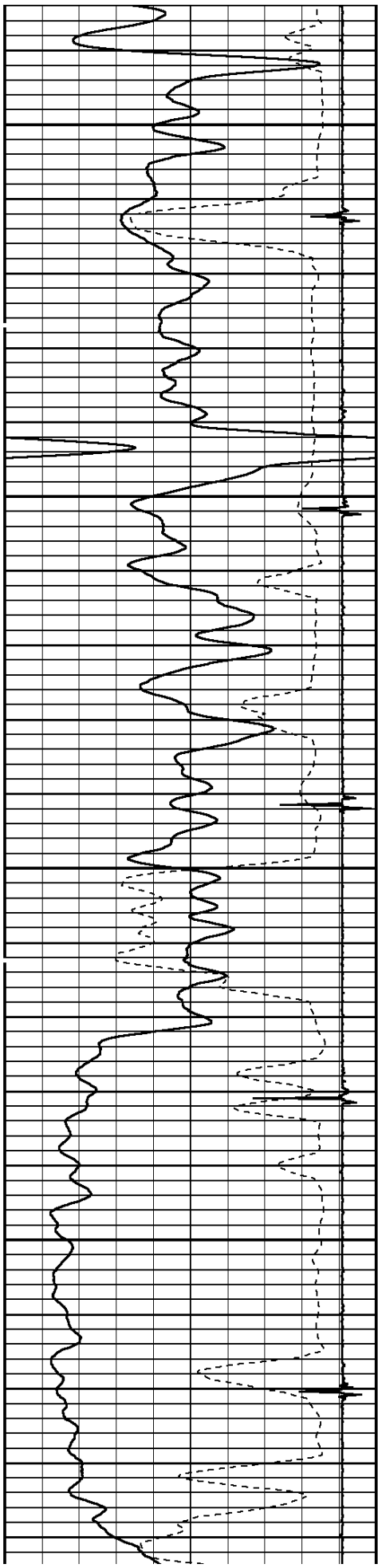




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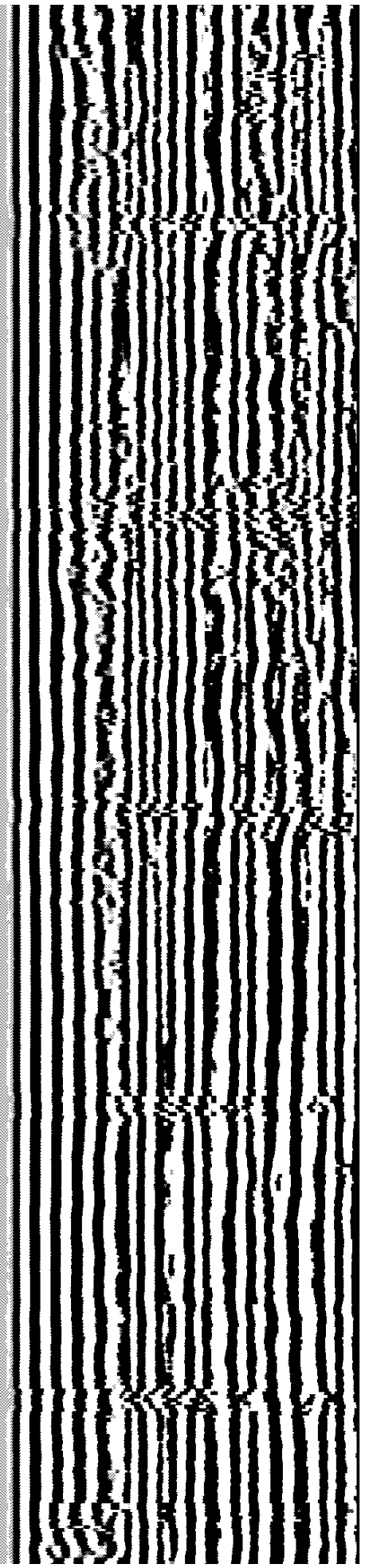
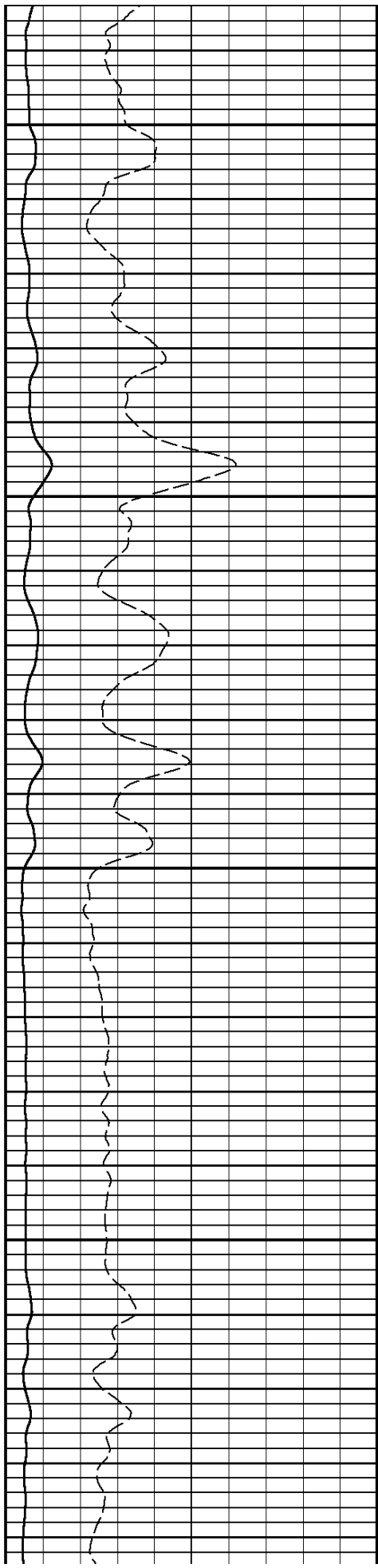
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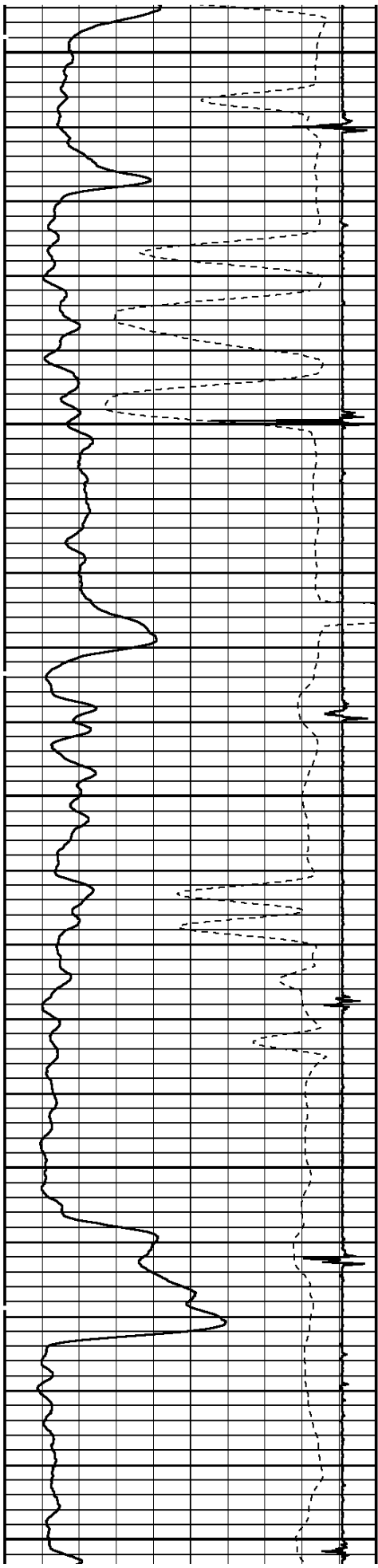




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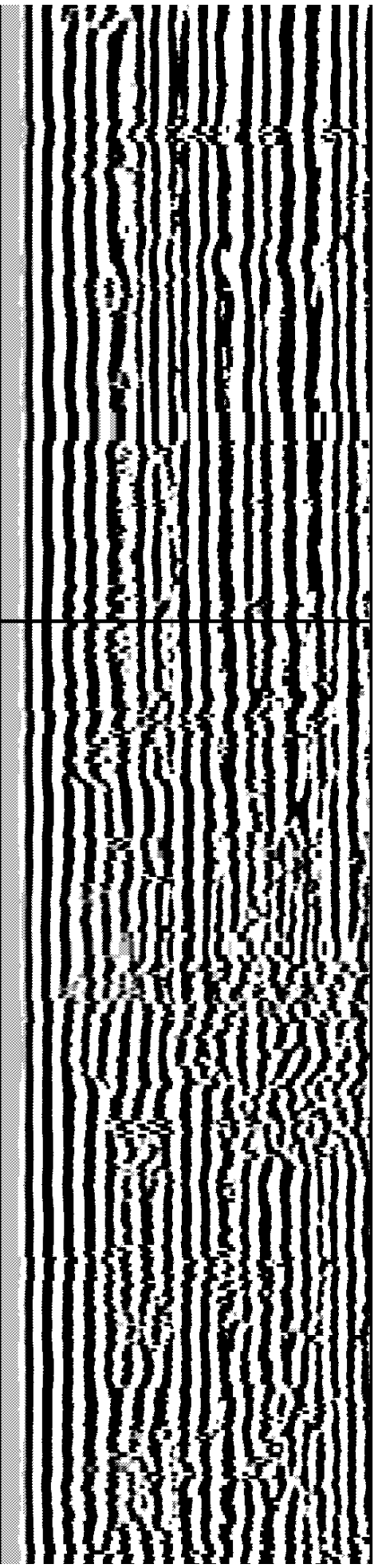
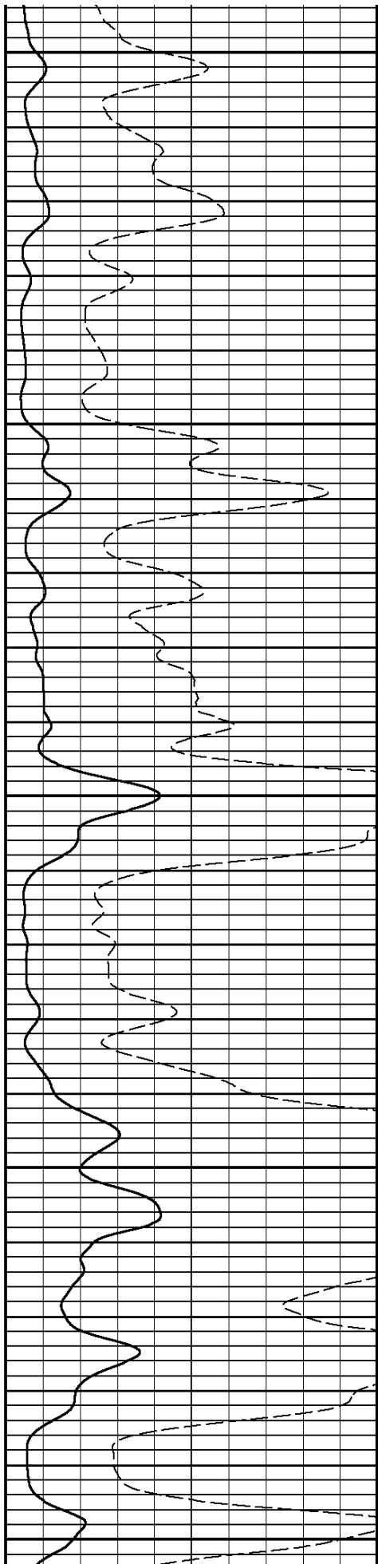
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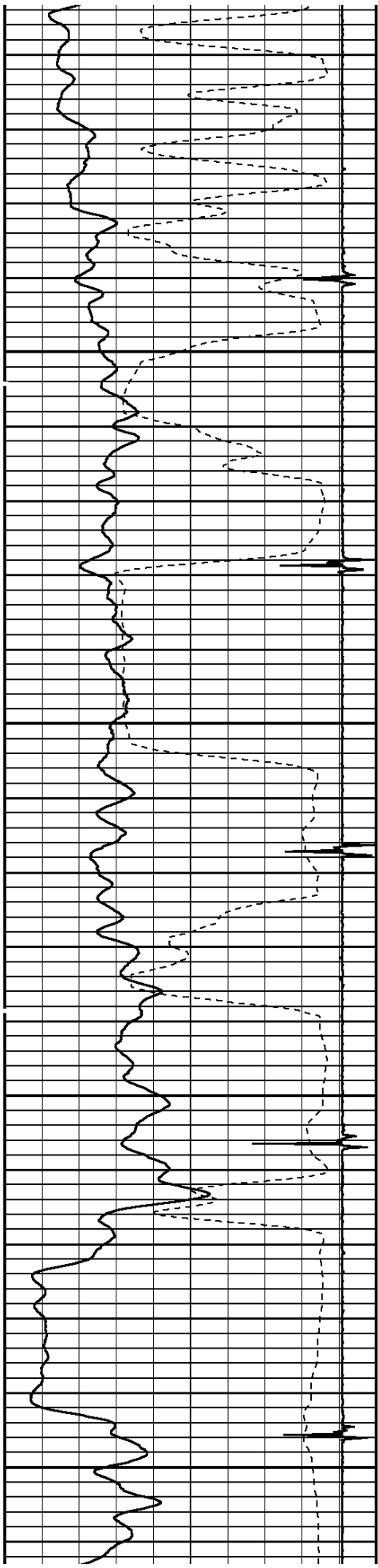




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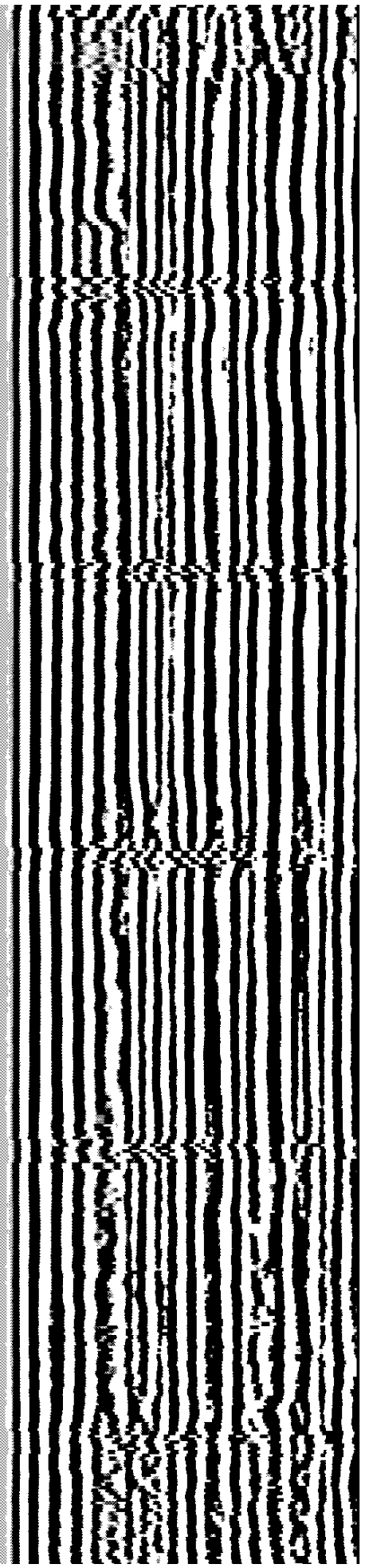
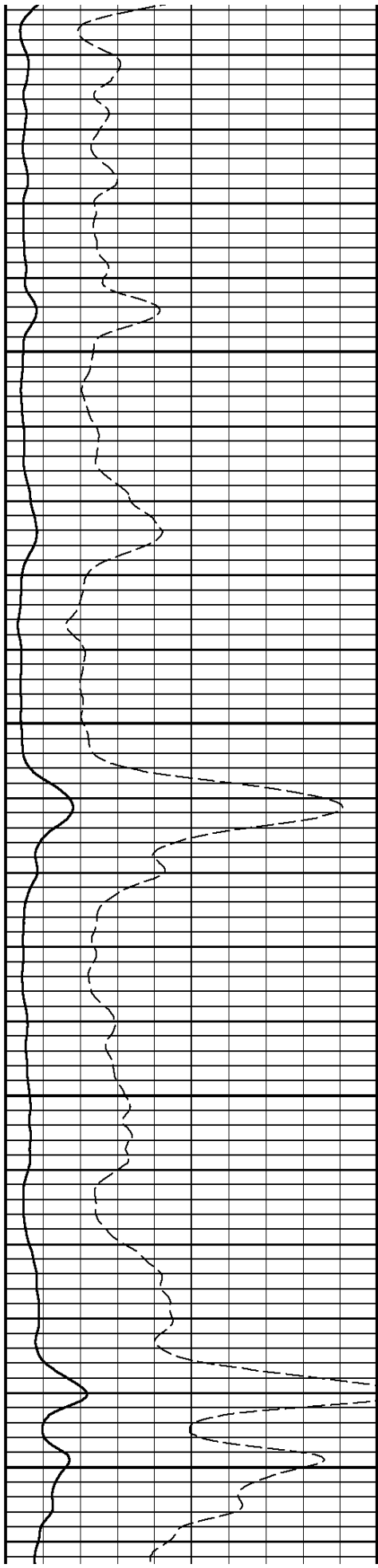
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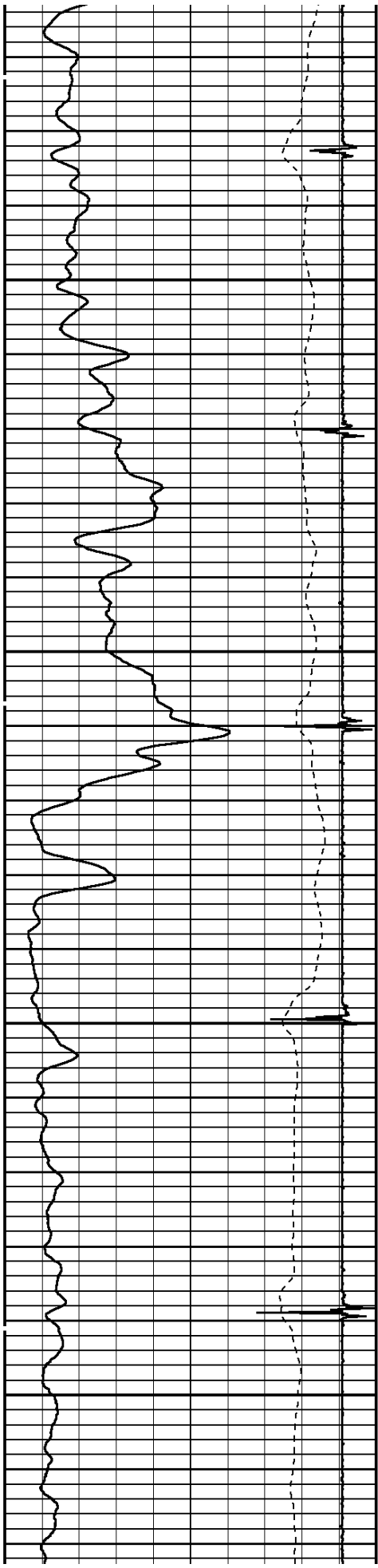




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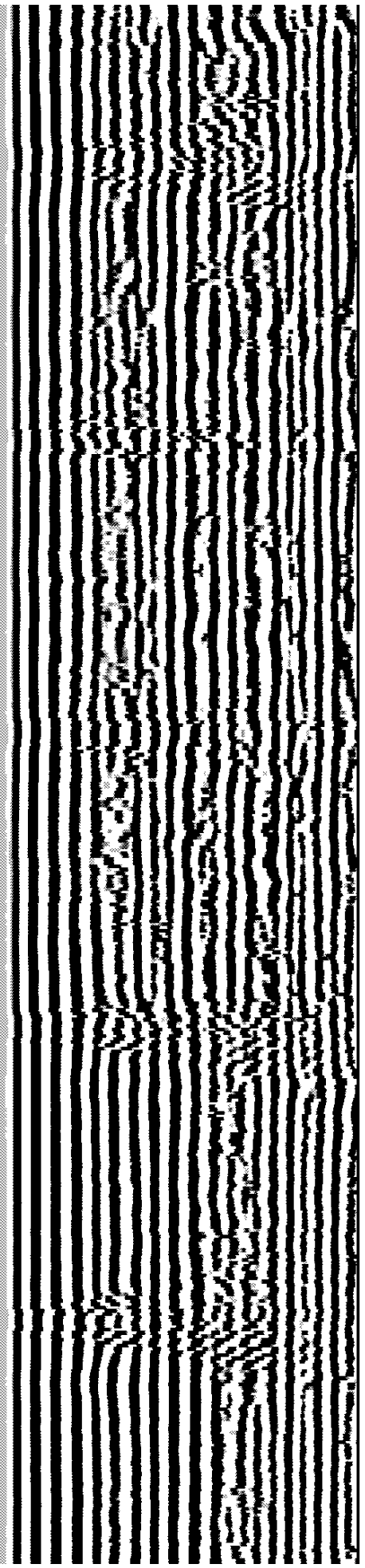
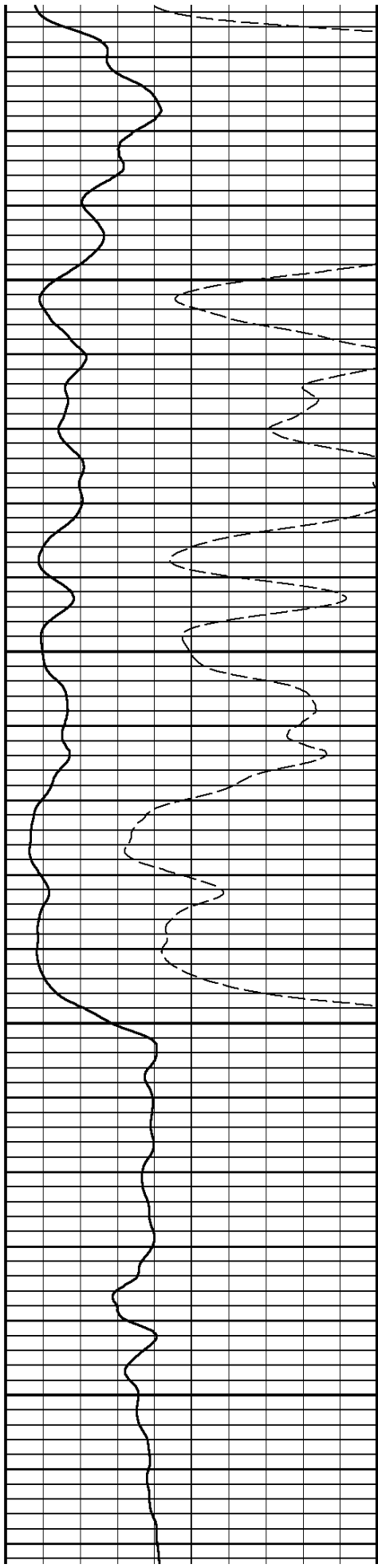
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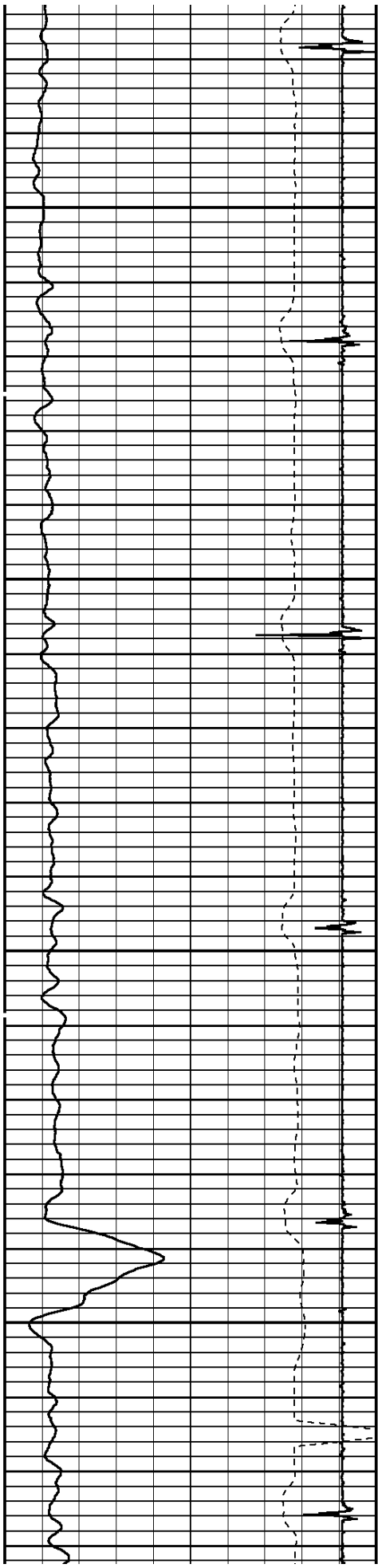




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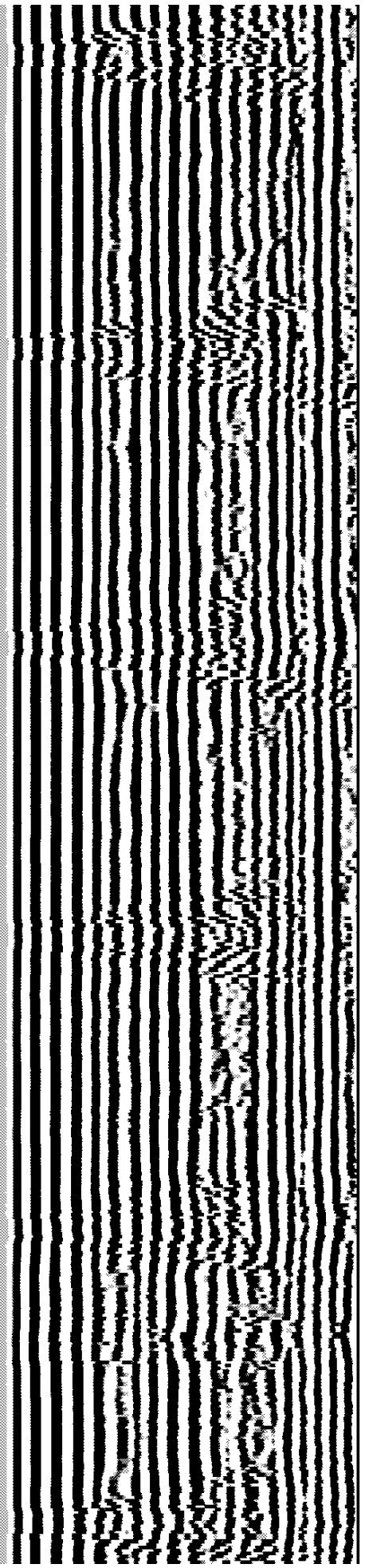
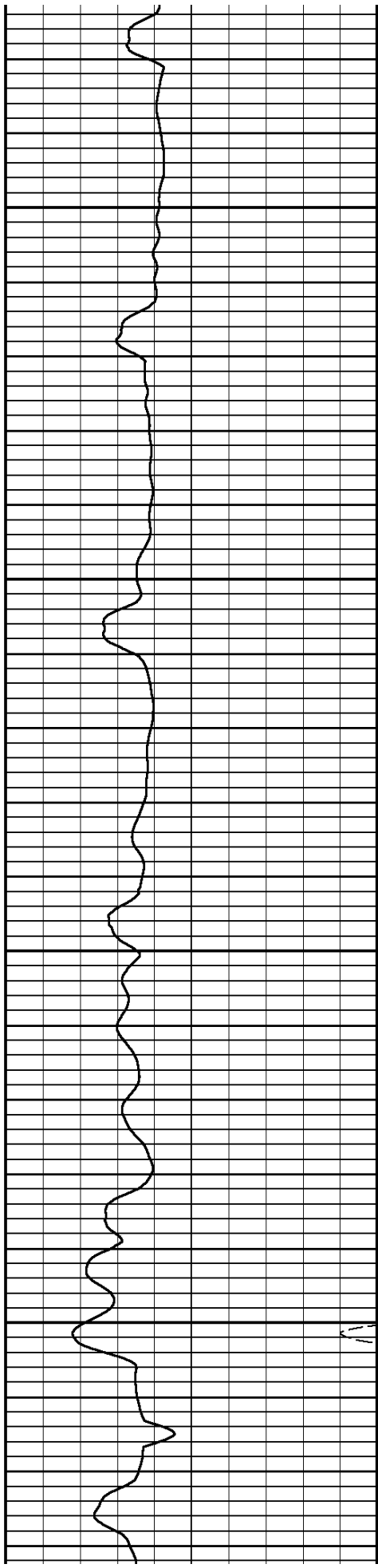
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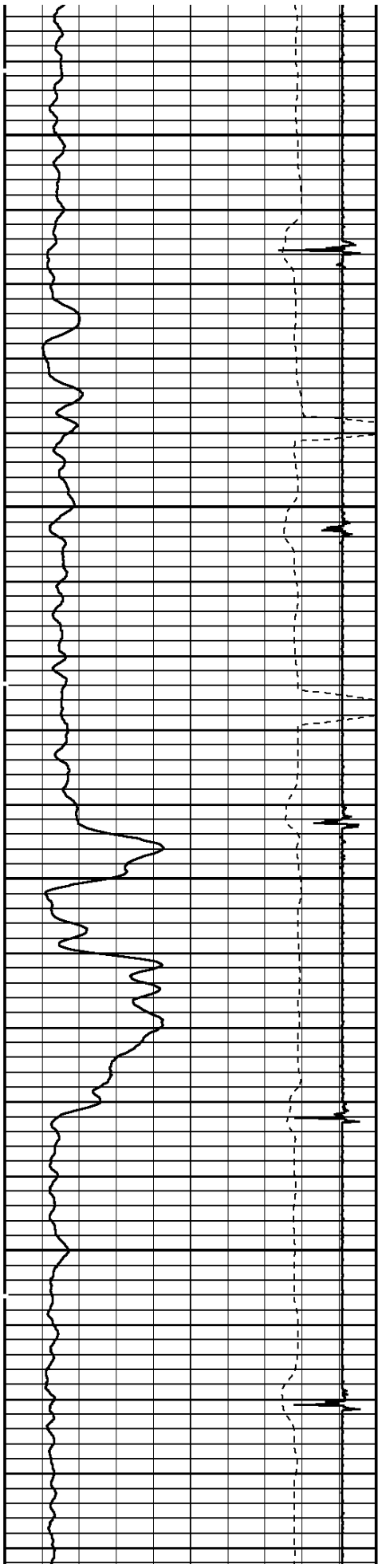




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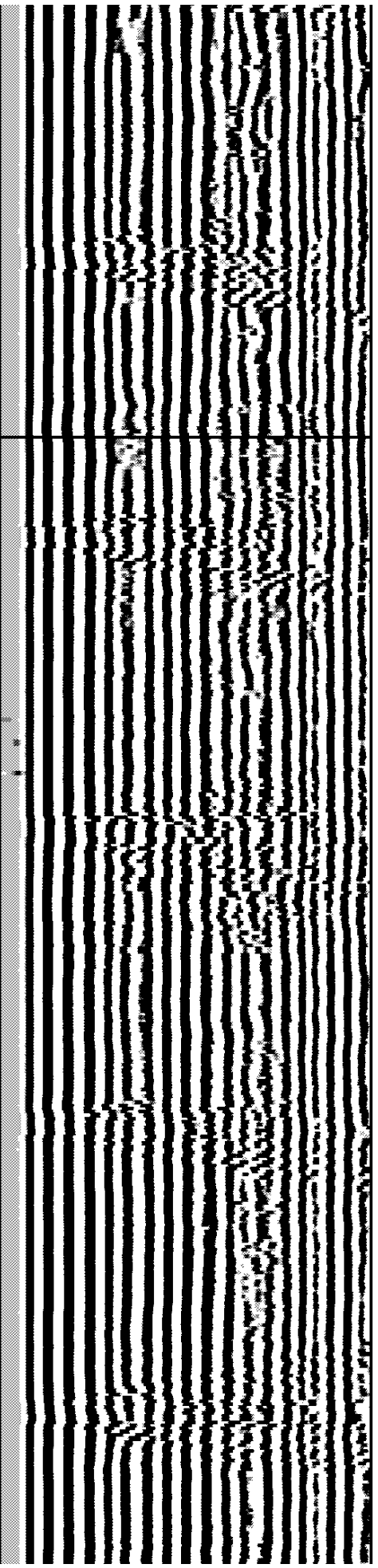
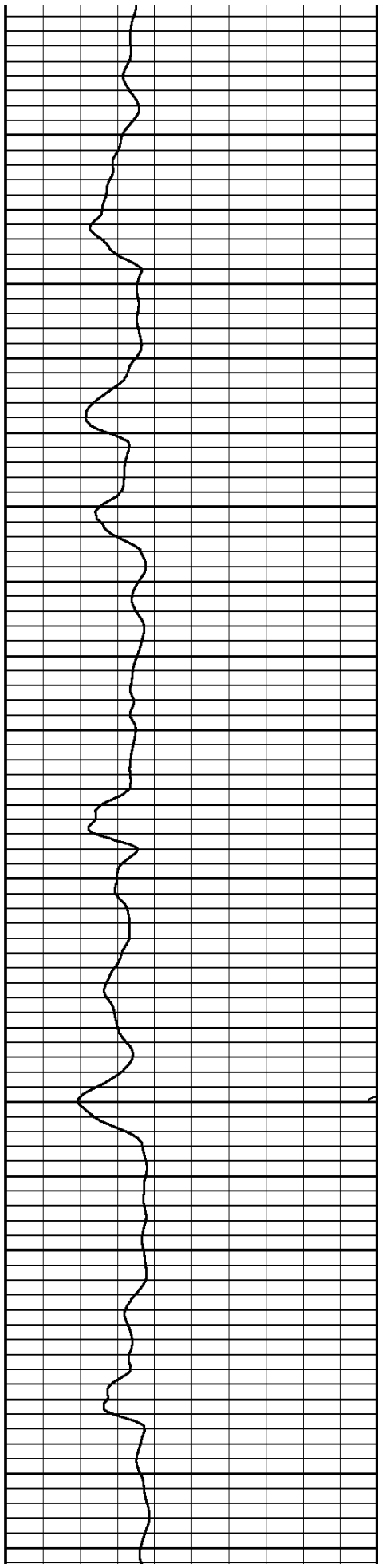
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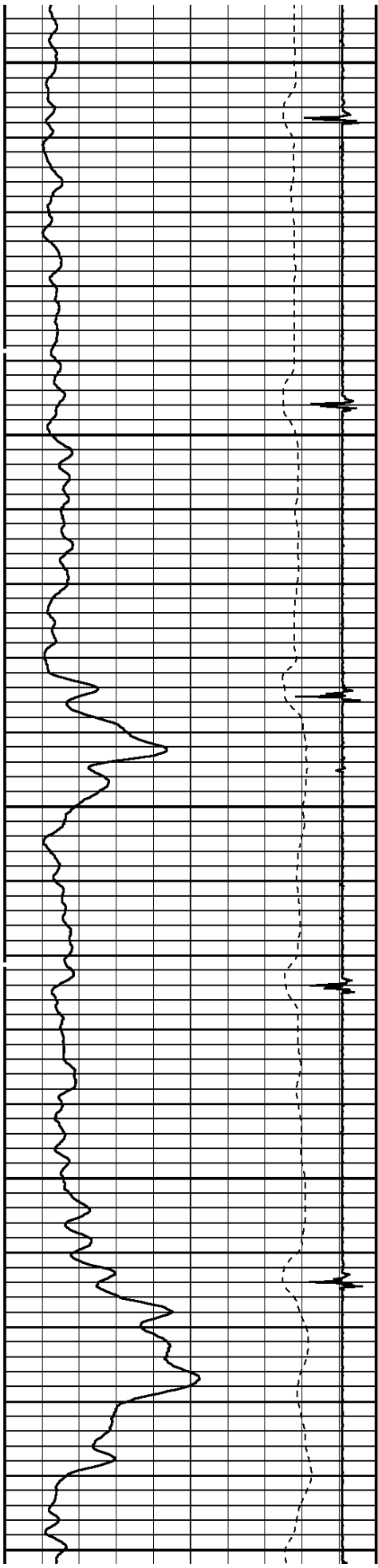




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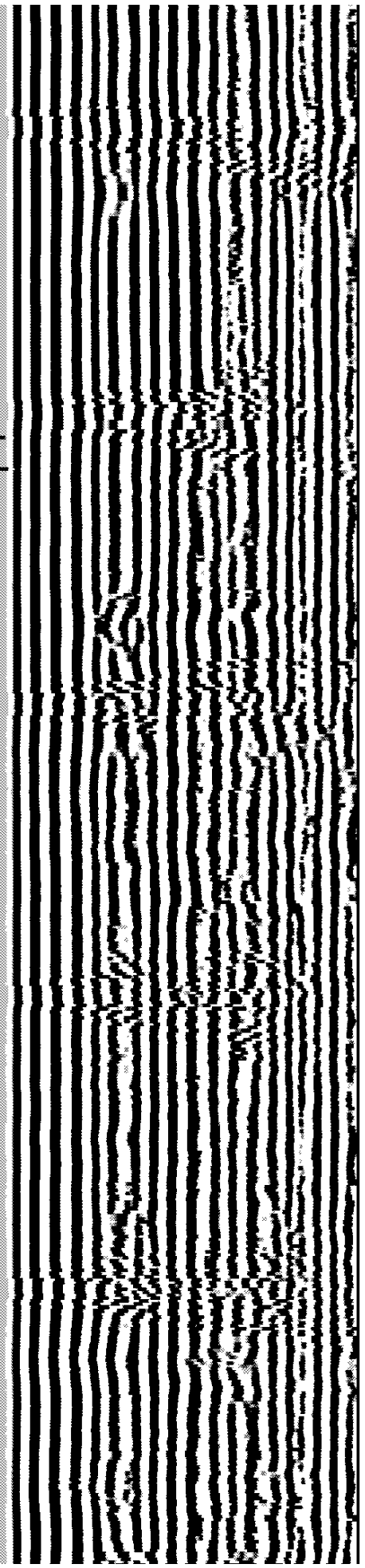
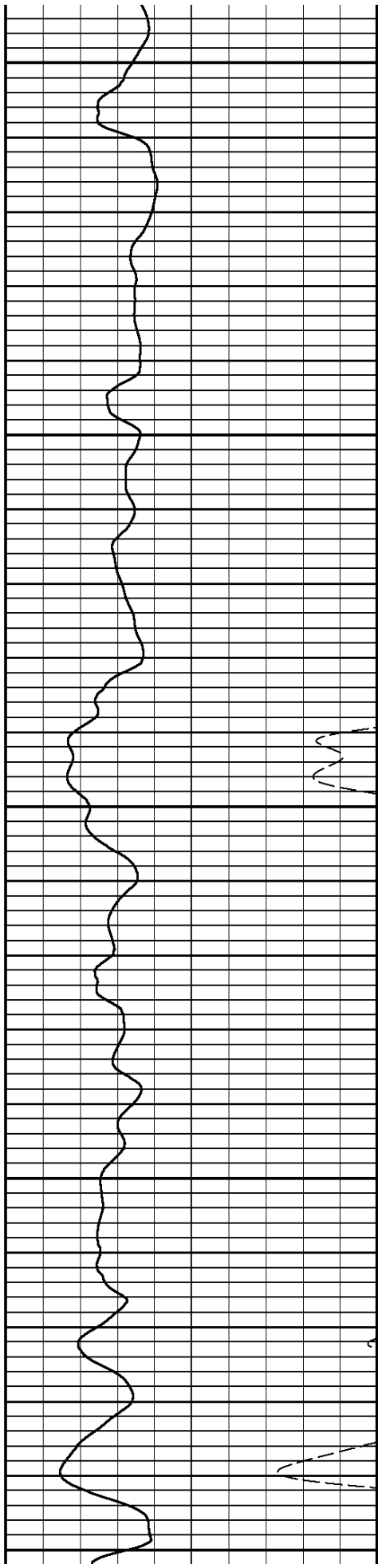


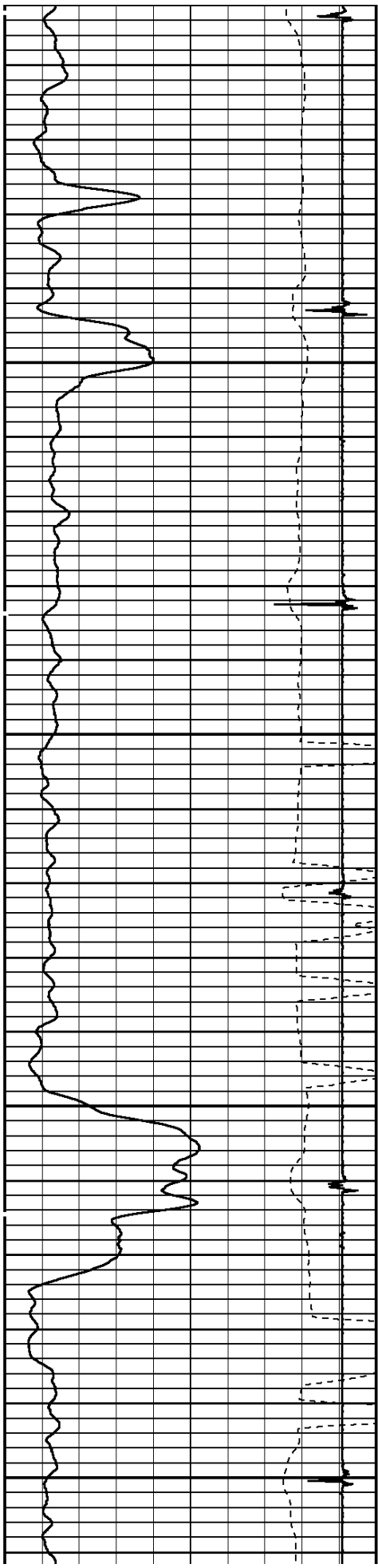


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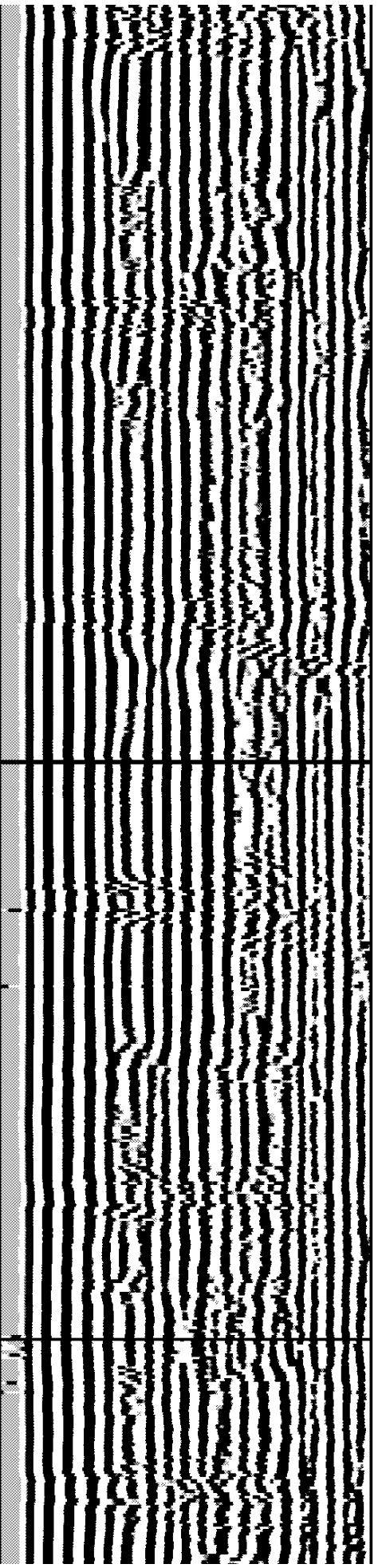
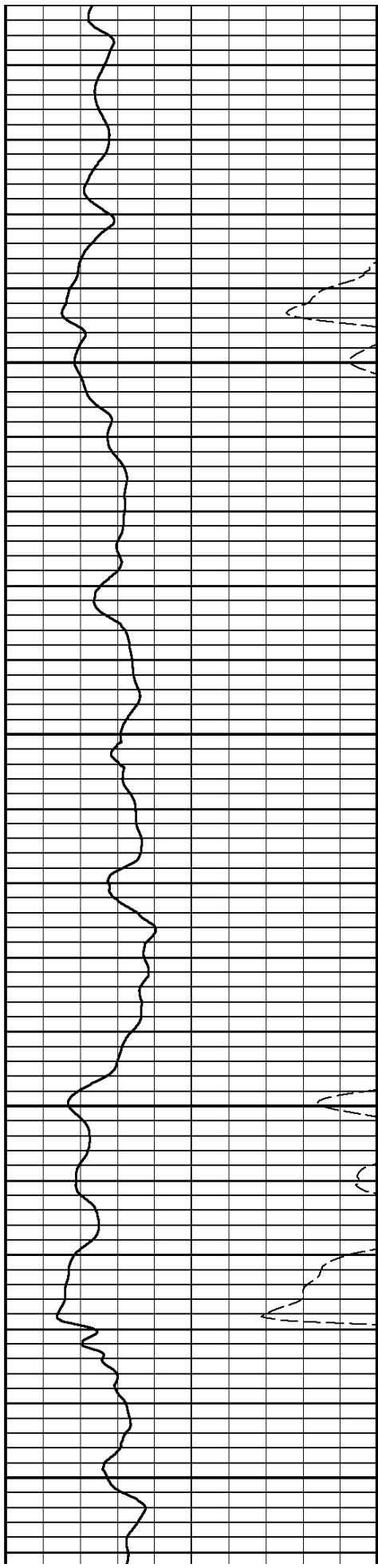
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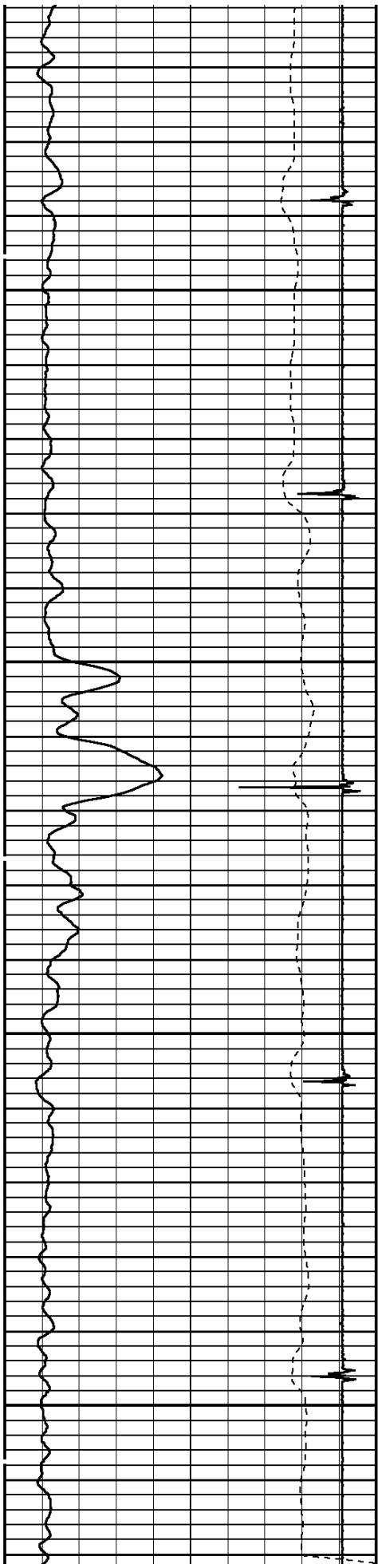




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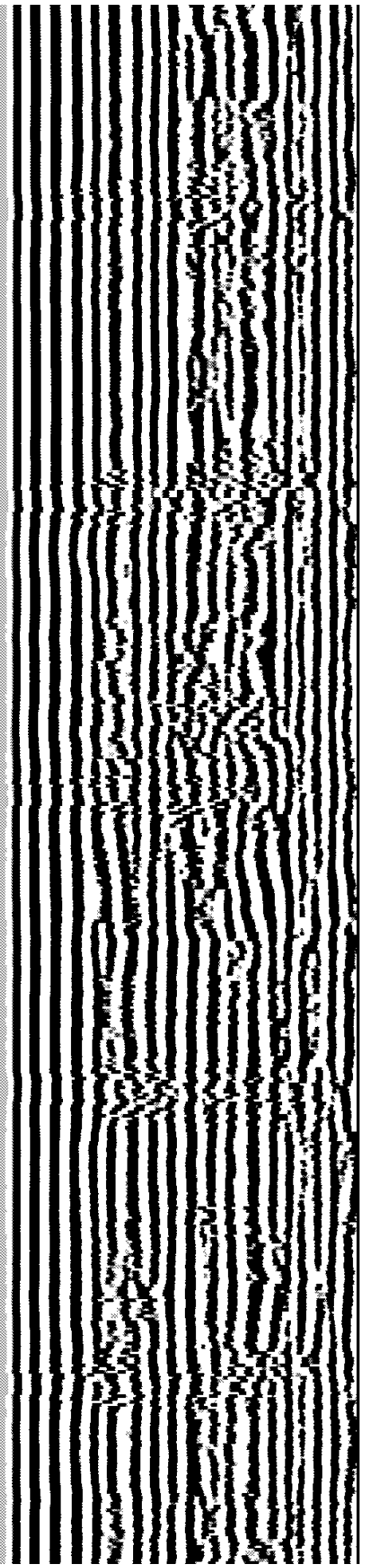
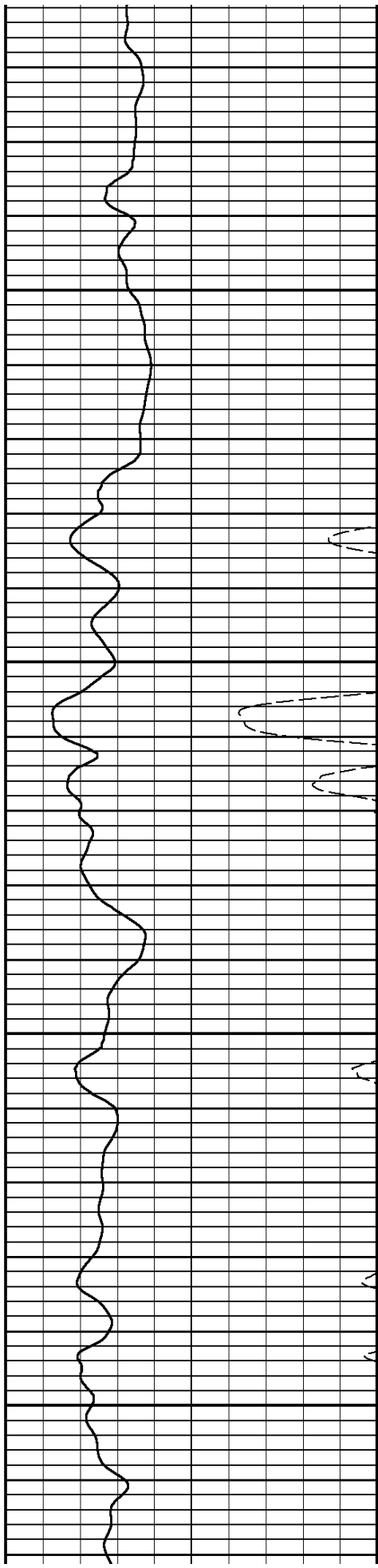
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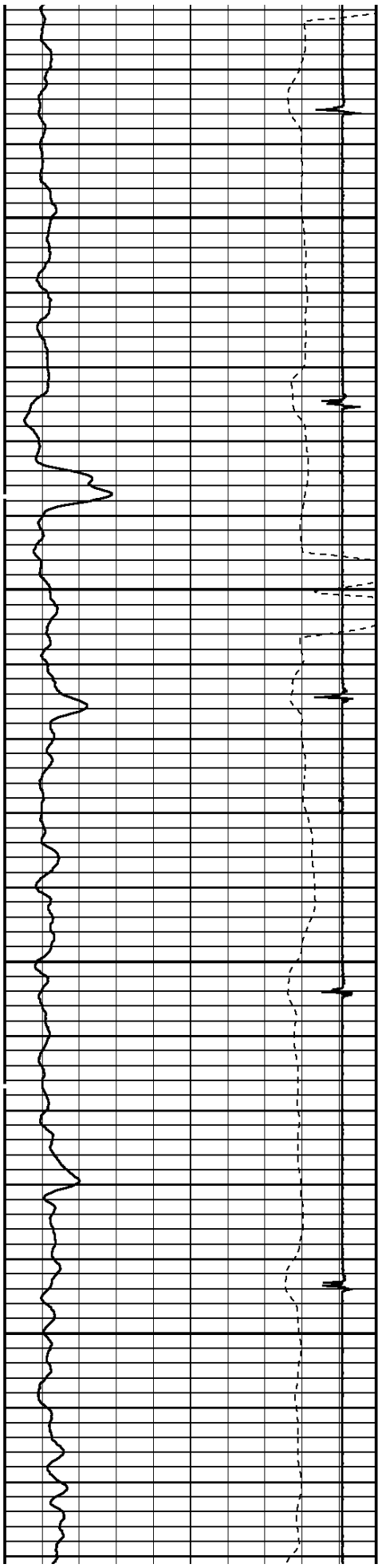




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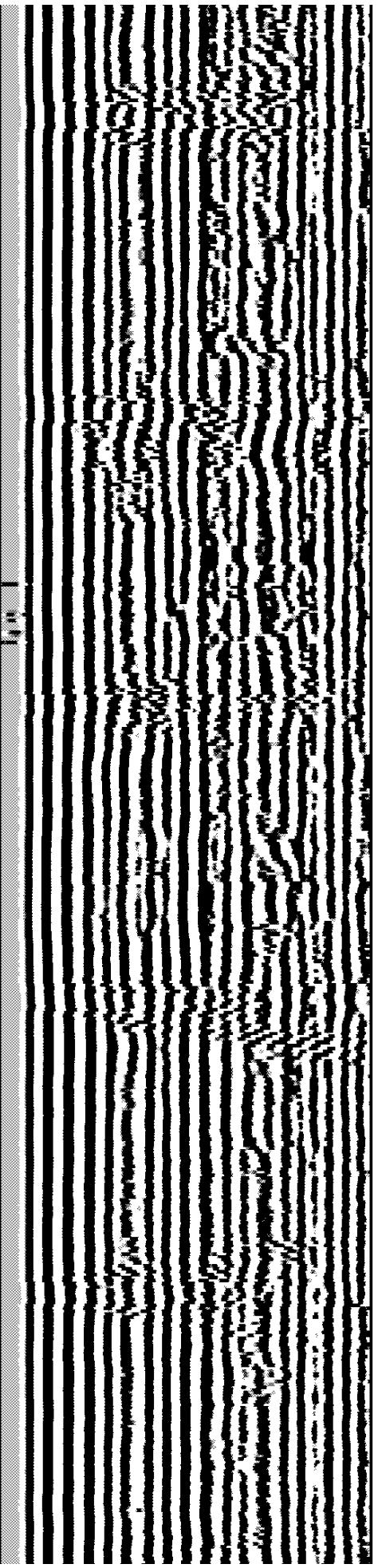
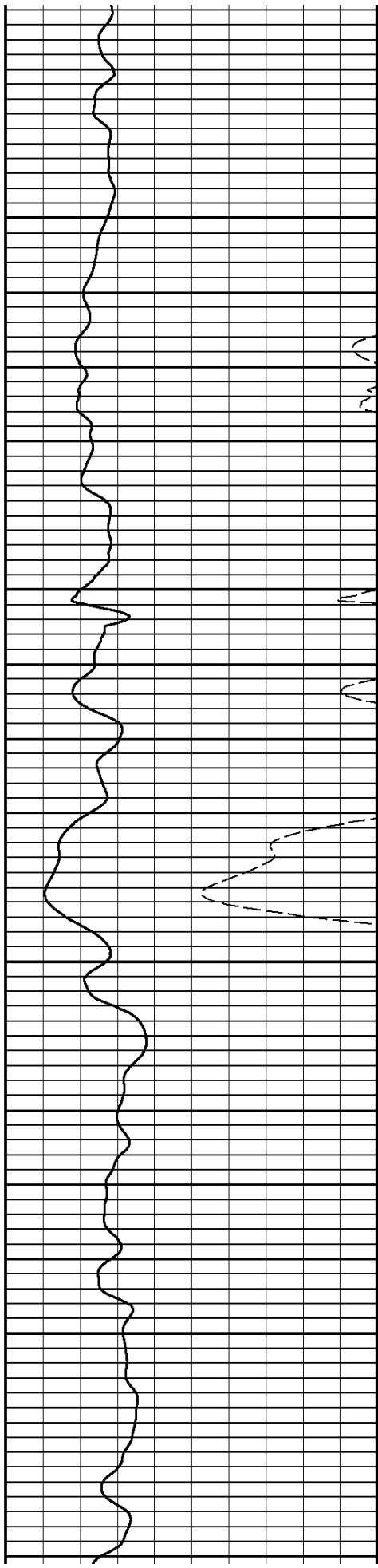
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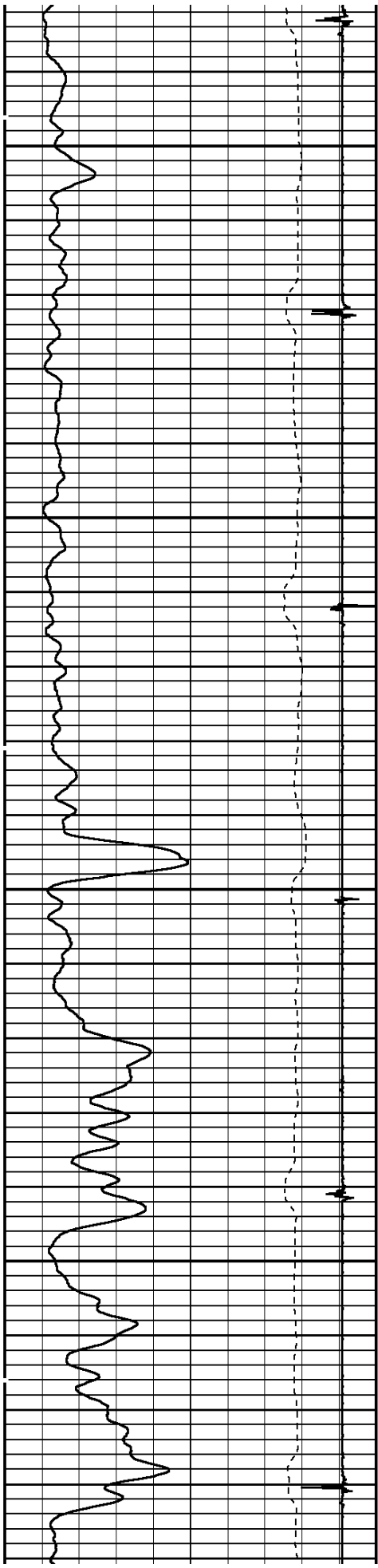




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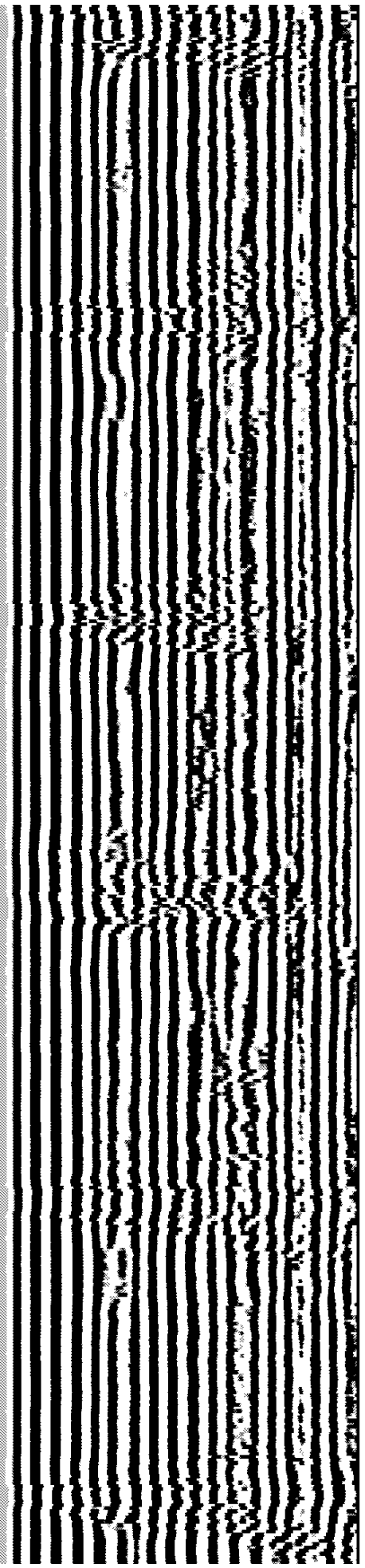
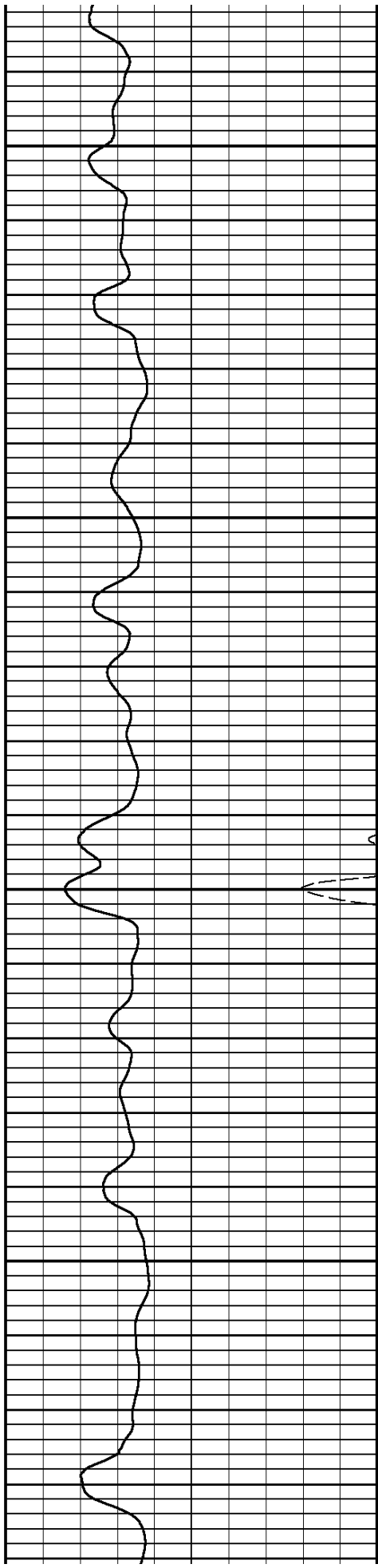
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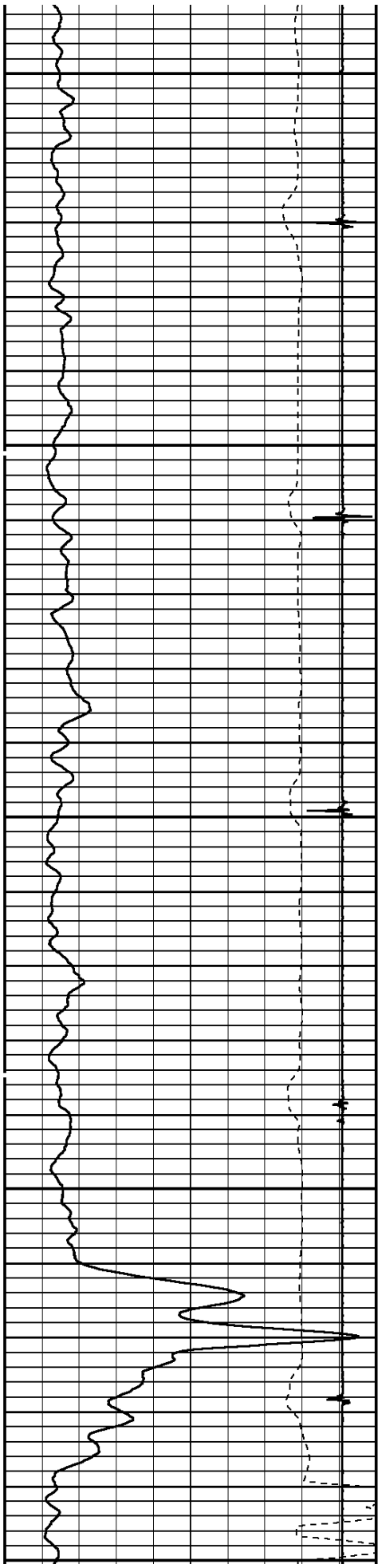




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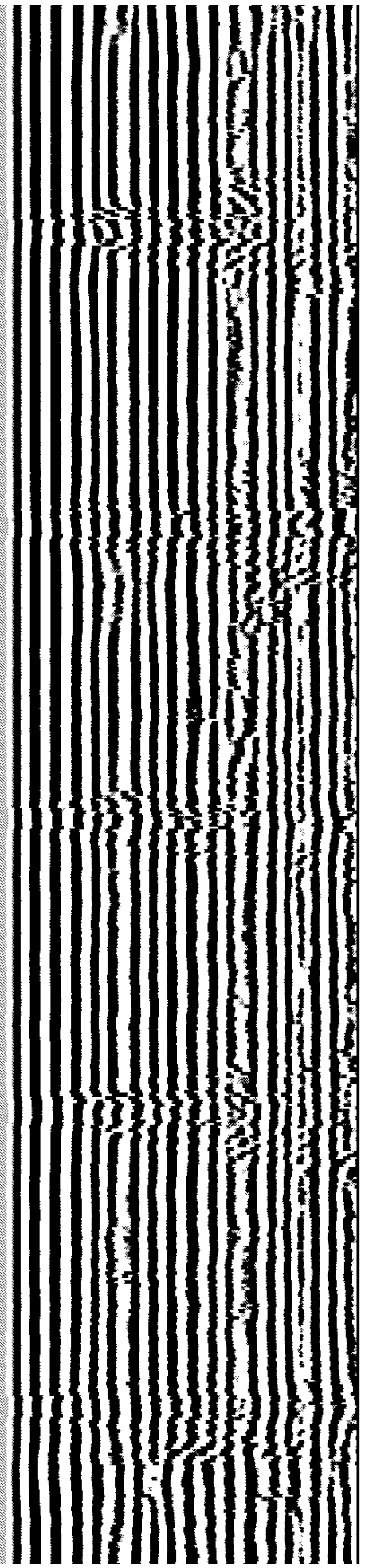
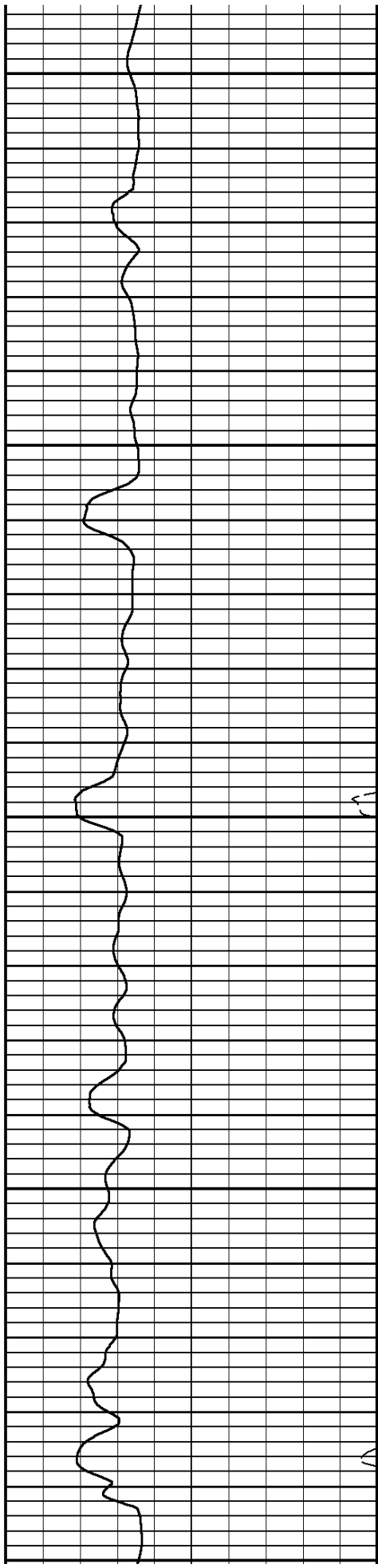
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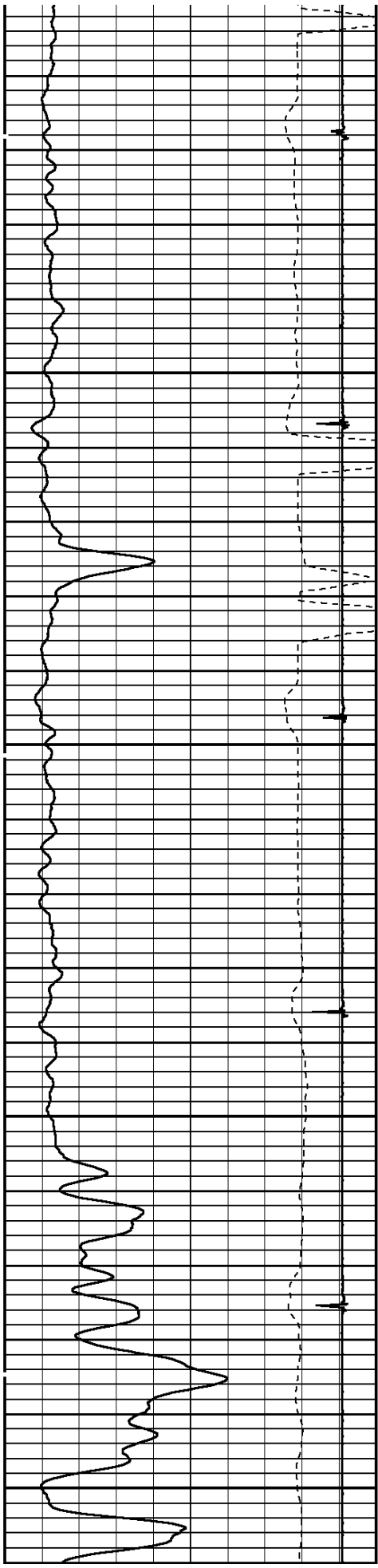




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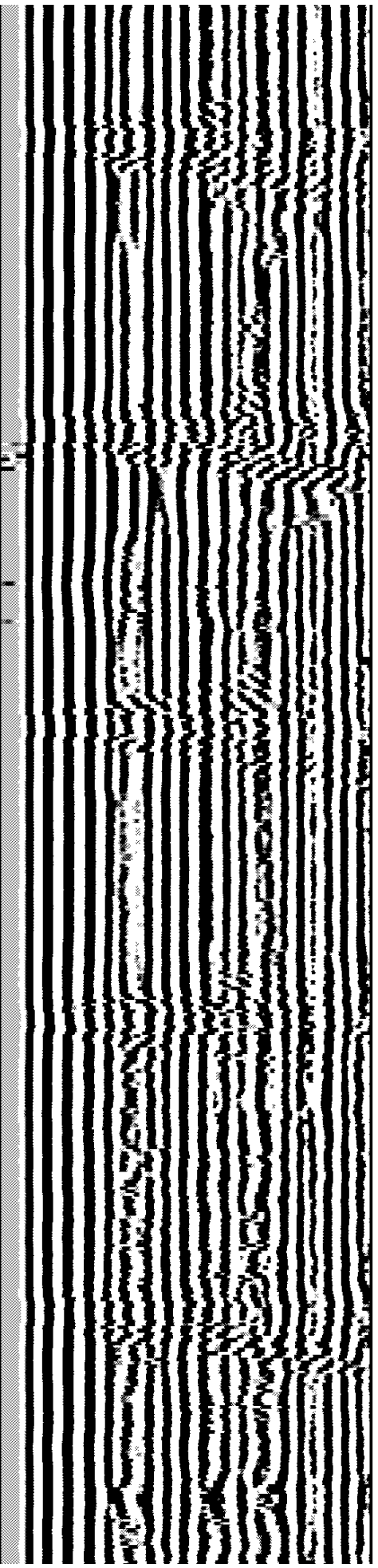
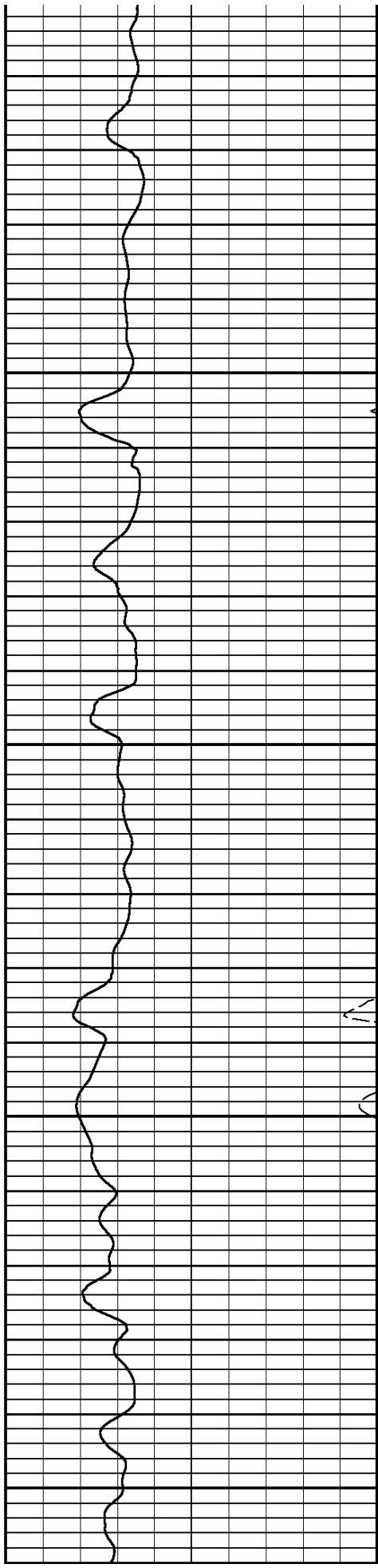
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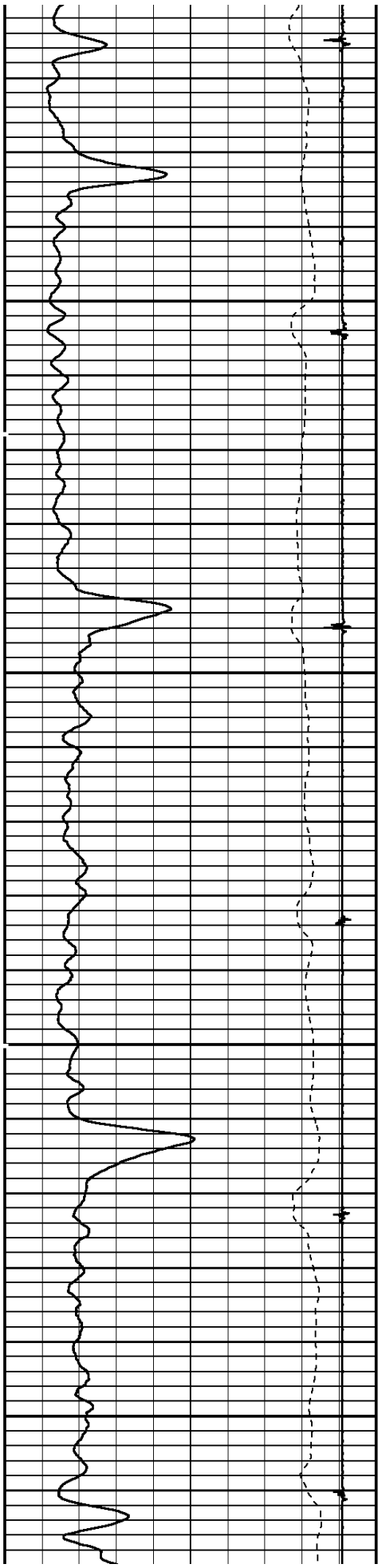




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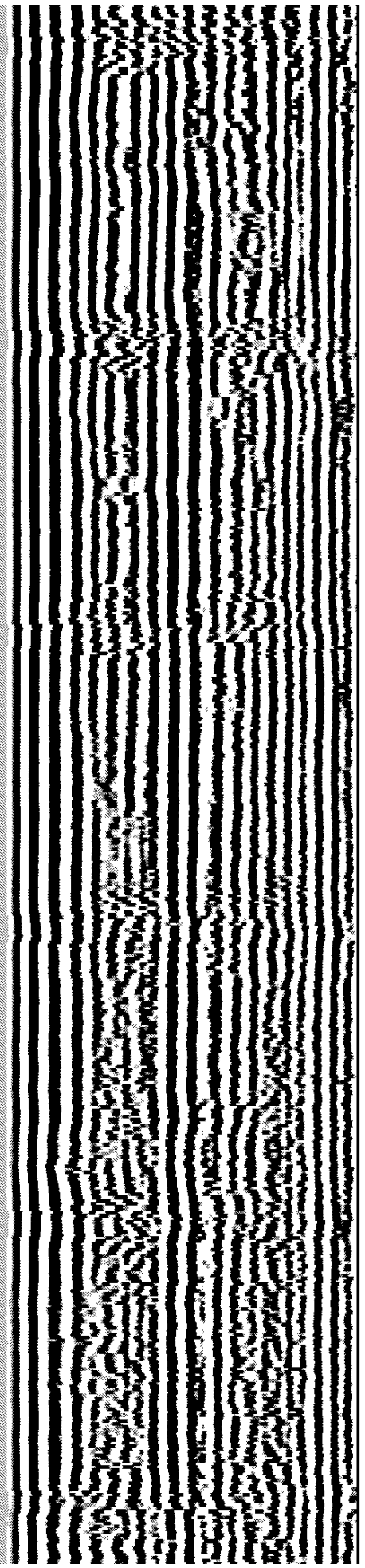
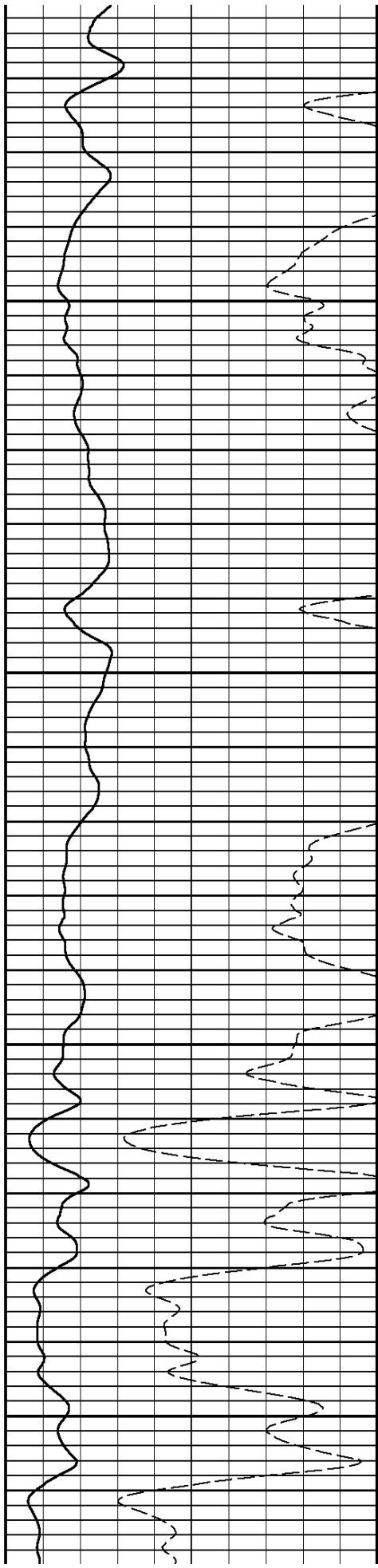
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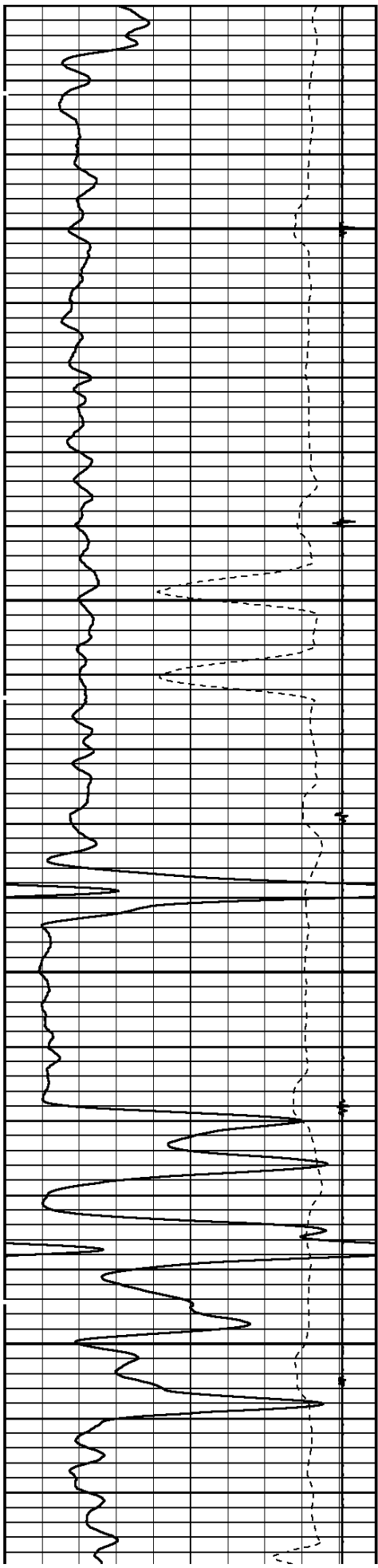




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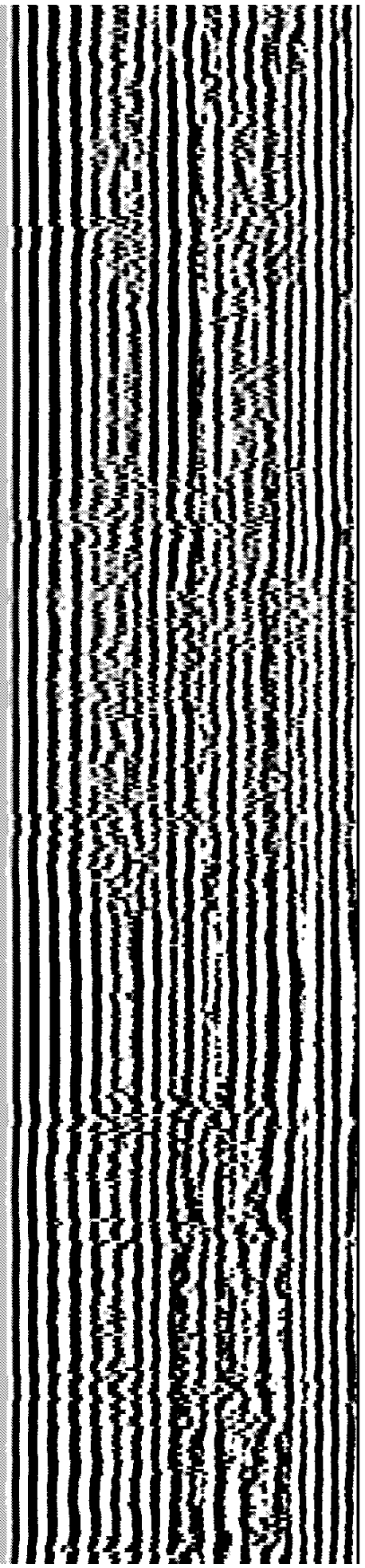
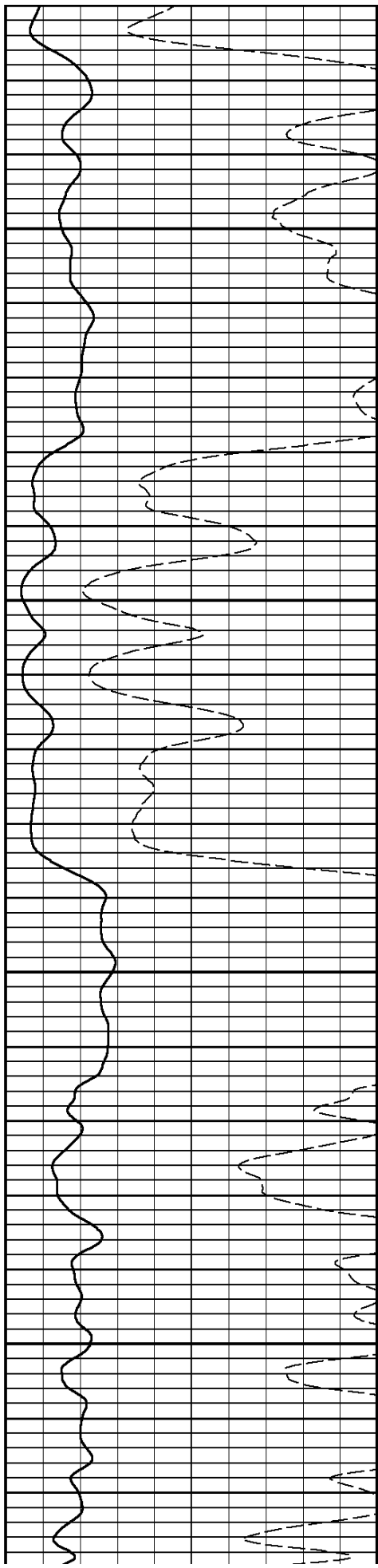
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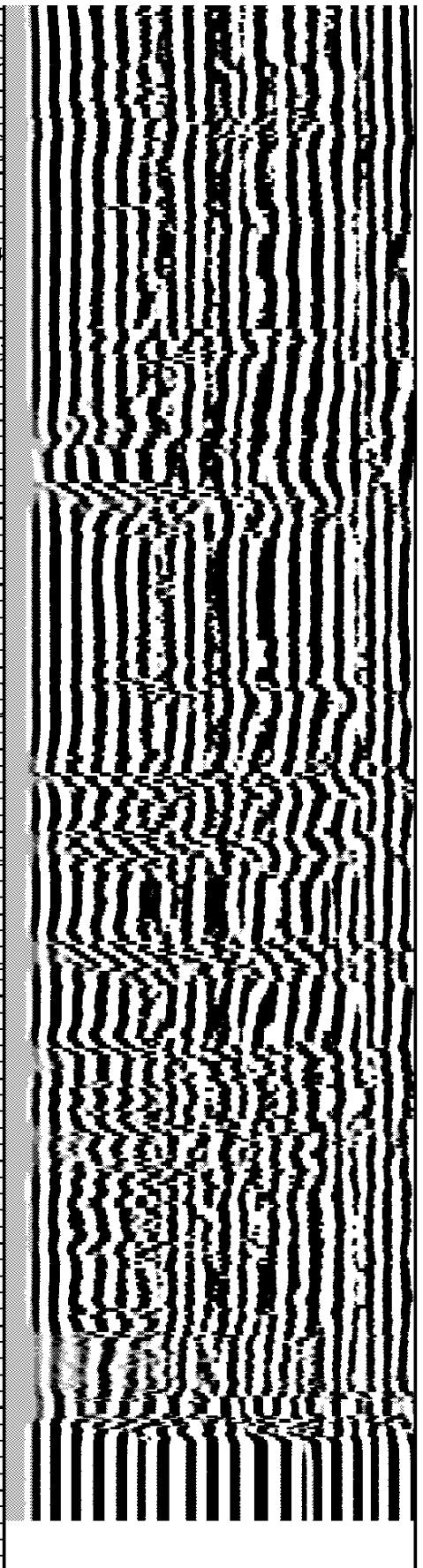
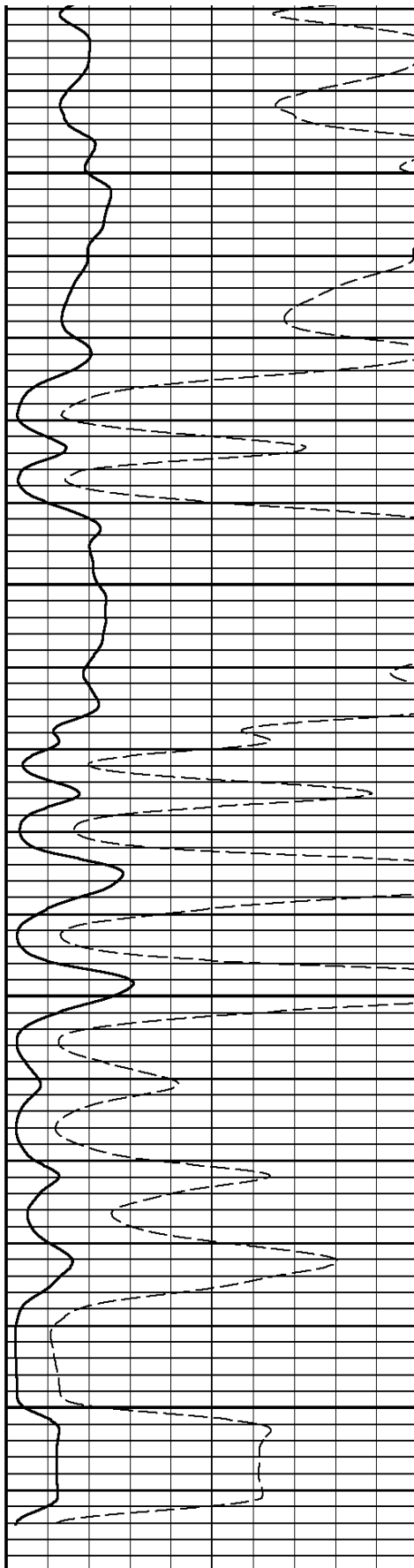
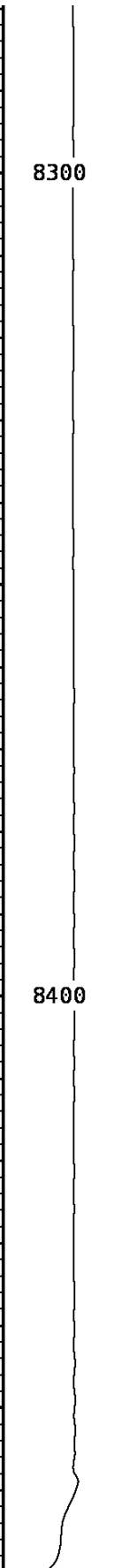
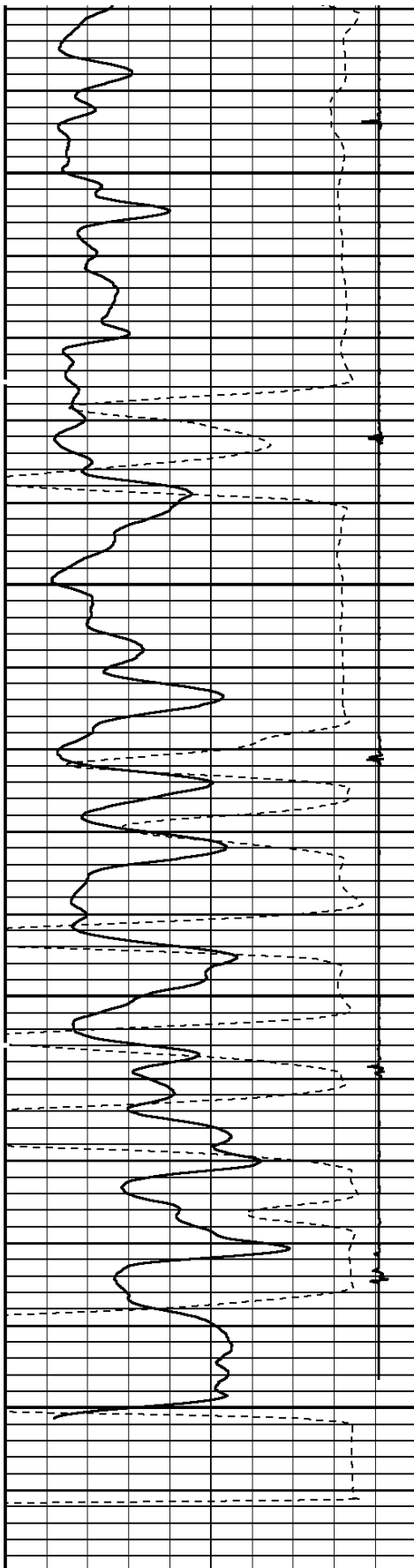




8100

8200





TRAVEL TIME 3FT
 458 Microseconds 358
 GAMMA RAY

TENSION
 0 1500 0

AMPLITUDE 3FT
 Millivolts 100
 AMPLITUDE 3FT X5

VARIABLE DENSITY 5FT
 200 Microseconds 1200

0	API	200
COLLAR LOCATOR		
-800	Millivolts	80

0	Millivolts	20
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START DEPTH: **8470.0** DIRECTION: **UP** DATE: **02/25/2013** TIME: **17:44** MODE: **ORIGINAL**

190704 CBLMAIN

MAIN PASS

DEPTH SCALE: **5":100'**

VERSION: **143R 2.0b"**

DEPTH SCALE: **5":100'**

VERSION: **143R 2.0b"**

REPEAT PASS

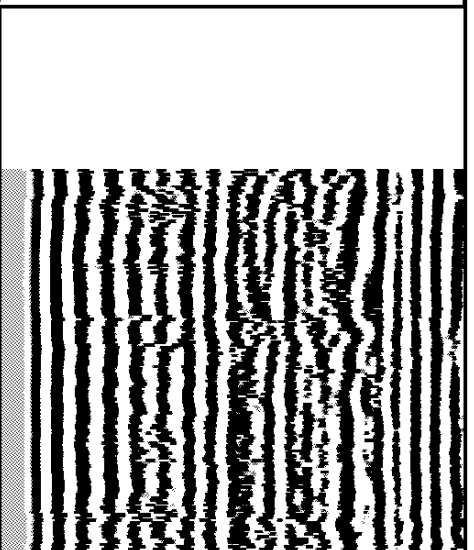
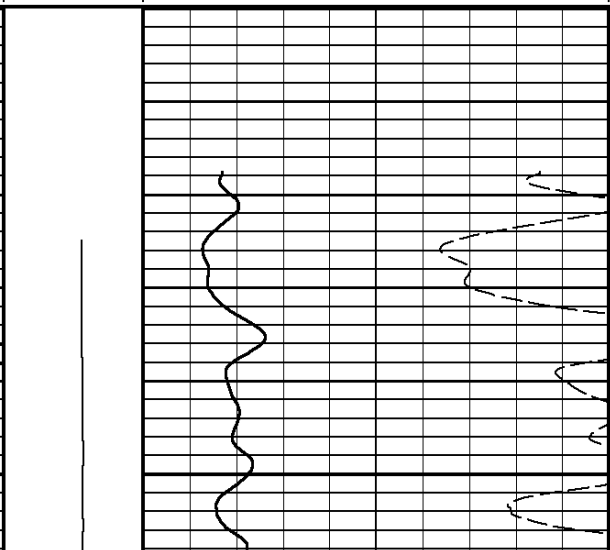
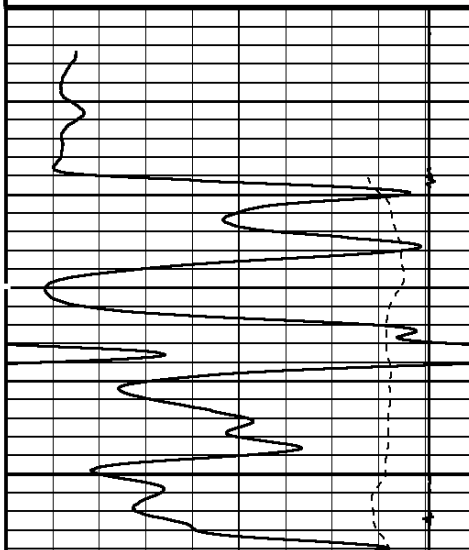
190704 CBLREPEAT

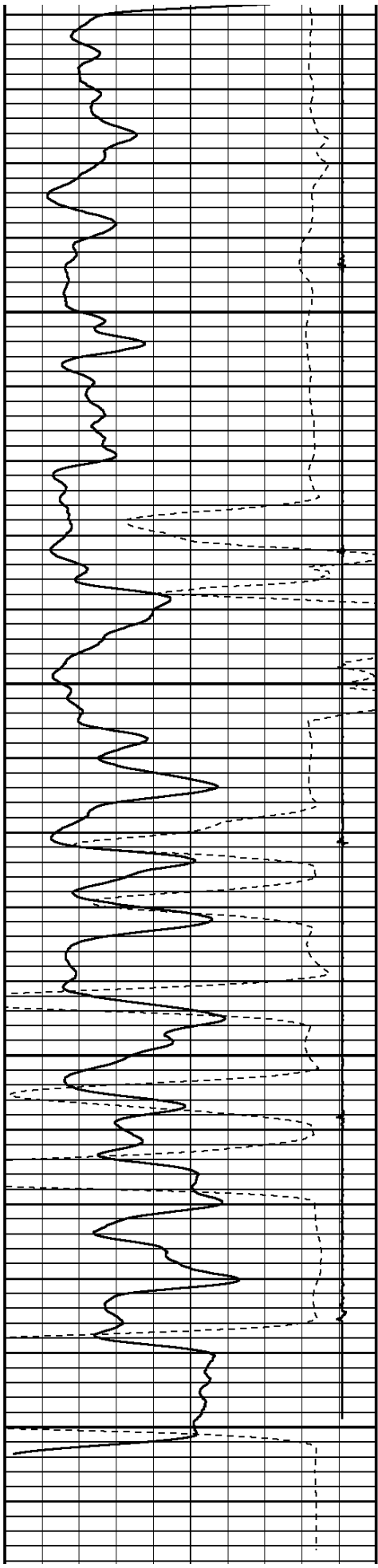
FINISH DEPTH: **8204.0** Feet DIRECTION: **UP** DATE: **02/25/2013** TIME: **17:54** MODE: **TRACE PLAYBACK**

COLLAR LOCATOR		
-800	Millivolts	80
GAMMA RAY		
0	API	200
TRAVEL TIME 3FT		
458	Microseconds	358

TENSION		
0	1500	0
AMPLITUDE 3FT		
0	Millivolts	100

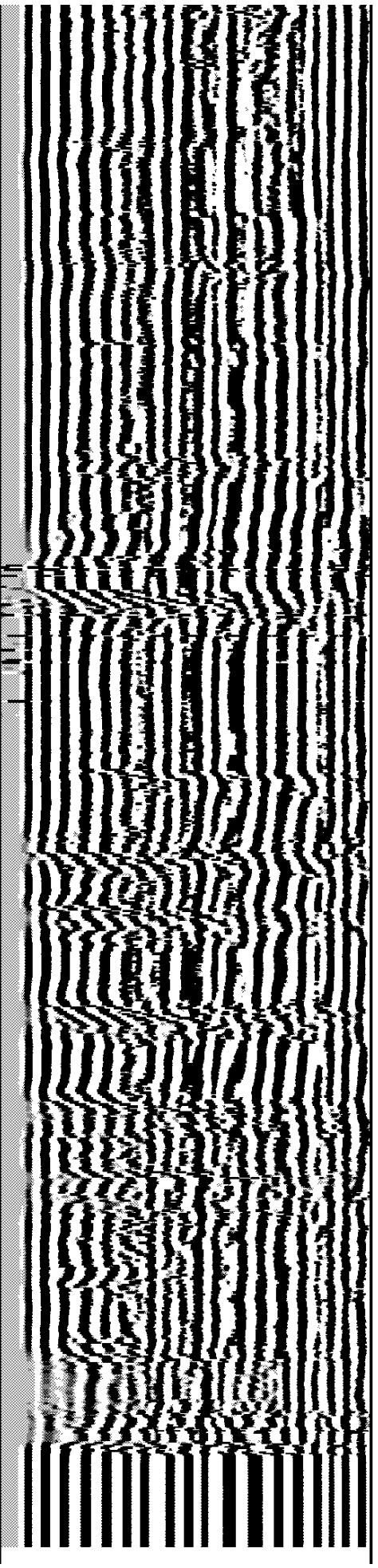
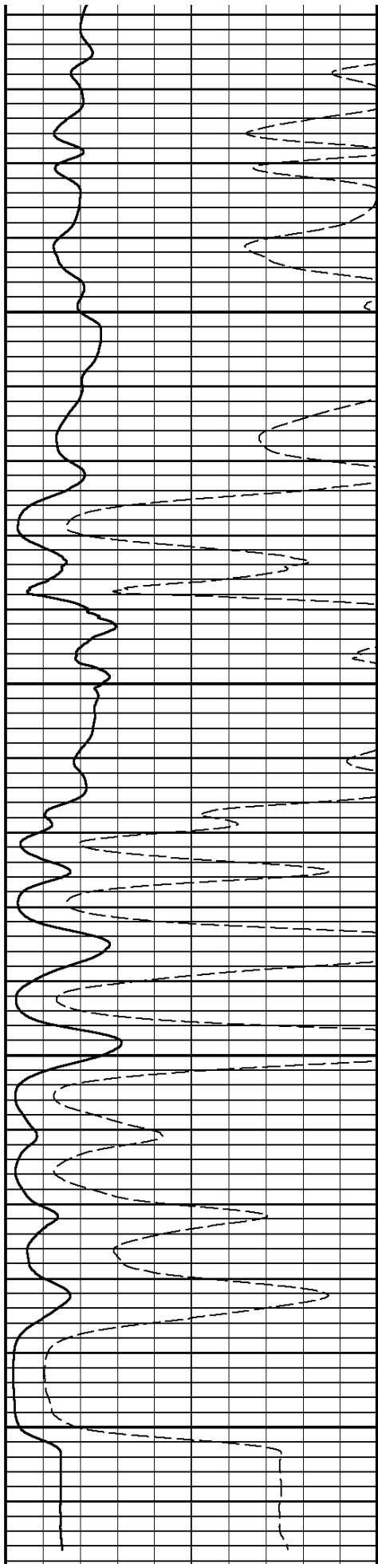
VARIABLE DENSITY 5FT		
200	Microseconds	1200





8300

8400



TRAVEL TIME 3FT			TENSION		AMPLITUDE 3FT		VARIABLE DENSITY 5FT	
458	Microseconds	358	0	1500	0	100	200	1200
GAMMA RAY					AMPLITUDE 3FT X5			
0	API	200			0	20		
COLLAR LOCATOR								
-800	Millivolts	80						

START DEPTH: **8472.5** DIRECTION: **UP** DATE: **02/25/2013** TIME: **17:54** MODE: **TRACE PLAYBACK**

190704 CBLREPEAT

REPEAT PASS

DEPTH SCALE: **5":100'**

VERSION: **143R 2.0b"**

1 7/16 Adapter Head

Weight 2.2 LB.
Length 12 IN.
Max. Diameter 1.44 IN.

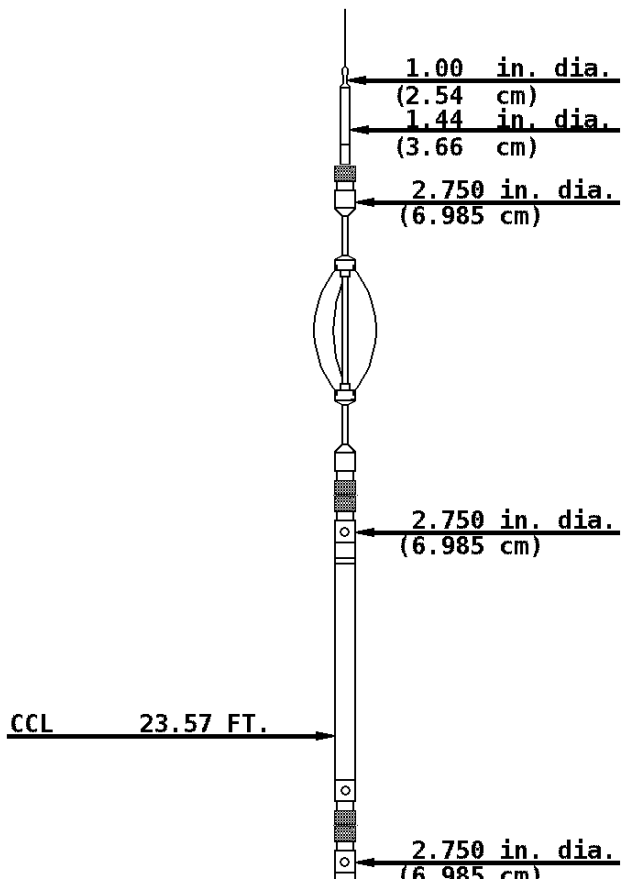
Total Stack Weight 223.0 LBS. in air
Total Stack Length 27.83 FT.

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

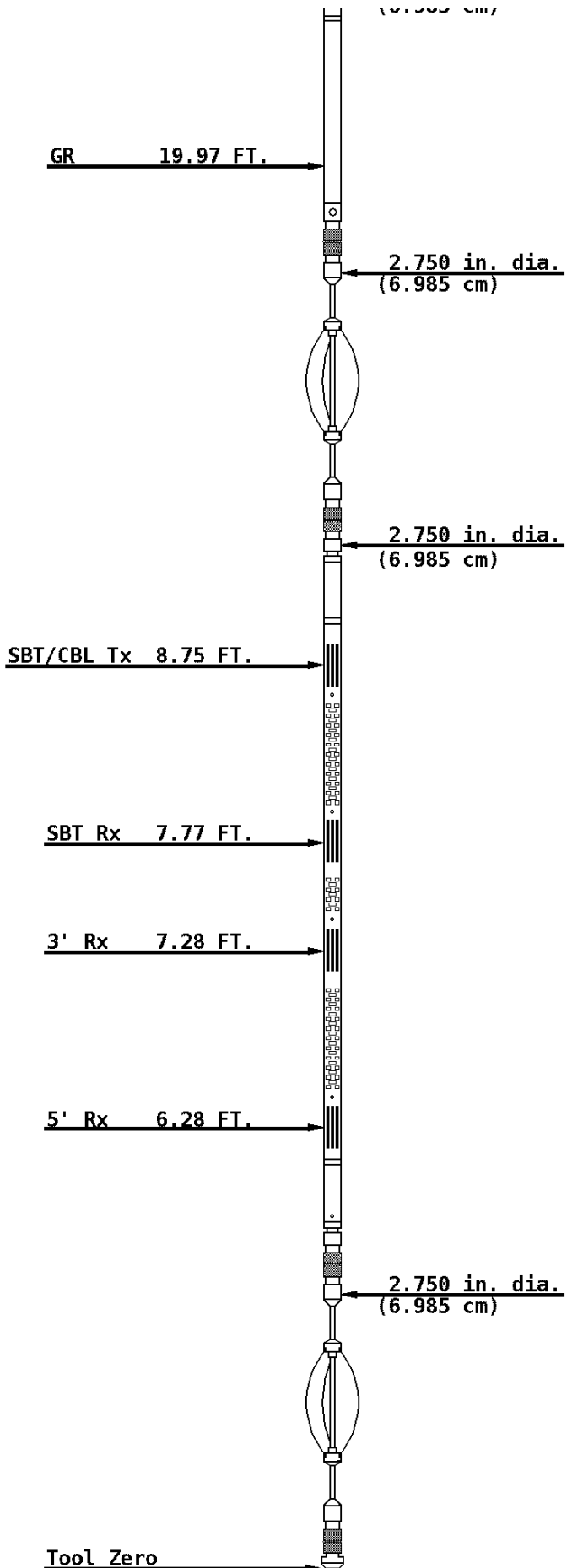
Weight 22 LBS.
Length 3.08 FT.
Max. Diameter 2.750 IN.

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 #12

FIELD McELMO DOME

COUNTY DOLORES **STATE** COLORADO



Weatherford[®]