

COMPANY WEXPRO						COMPANY WEXPRO					
WELLACE UNIT #13						WELL ACE UNIT #13					
FIELD POWDER WASH						FIELD POWDER WASH					
CNTY MOFFAT STATE CO						COUNTY MOFFAT STATE CO					
LOCATION: 1055' FEL & 1478' FSL (NE/SE) SEC.28 TWP.12N RGE97W						OTHER SERVICES: CBL					
PERM. DATUM GROUND LEVEL ELEV. 6530.50						ELEV.:K.B. 6544.00					
LOG MEASURED FROM 13.5 FT. ABOVE PERMANENT DATUM						D.F. N/A					
DRILLING MEASURED FROM KELLY BUSHING						G.L. 6530.00					
DATE		25-JAN-2008									
RUN NO.		ONE									
DEPTH DRILLER		8649'									
DEPTH LOGGER		8638'									
BITM. LOG INTERVAL		8631'									
TOP LOG INTERVAL		1800'									
OPEN HOLE SIZE		7.875"									
TYPE FLUID		KCL WATER									
DENS.	VISC.										
MAX. REC. TEMP.	F	N/A									
EST. CEMENT TOP		SEE CBL									
TIME WELL READY		ON ARRIVAL									
TIME LOGGER ON BITM.		09:30									
EQUIP. NO.		14113									
LOCATION		ROCK SPRINGS									
RECORDED BY		PARKER									
WITNESSED BY											
BOREHOLE RECORD						TUBING RECORD					
RUN NO.	BIT	FROM	TO	SIZE	WGT.	FROM	TO				
CASING RECORD	SIZE	WT./FT	GRADE	TYPE JOINT	TOP	BOTTOM					
SURFACE STRING	9.625	36#	J-55		SURF	491'					
PROD. STRING	4.5	13.5	P-110		SURF	8650					
LINER											

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.

REMARKS	Rig: WFT #15061	Service Order # 130916
WELL LOGGED IN PLACE OF OPEN HOLE		BHT N/A °F
LOG RUN USING WIRELINE MEASUREMENTS		
TOOL HUNG UP AT 7201'		
		Prints: 2

[illegible]

REMARKS

2 INCH PND MAIN PASS

DEPTH SCALE: 2":100'

VERSION: 71018127R"

MAIN PASS

130916 PNDMAINFIN

FINISH DEPTH: 1794.5 Feet DIRECTION: UP DATE: 01/25/2008 TIME: 16:40 MODE: ORIGINAL

CCL

-9000 Millivolts 900

GAMMA RAY

0 API 150

OUTPUT QUALITY

0.0 200000.0

BGD FAR

0.0 3000.0

BGD NEAR

0.0 18000.0

Ratio Bore n to f

5.0 15.0

RATIO

5.0 0.0

FAR 1

20.0 Counts/Second 0.0

NEAR 1

120.0 Counts/Second 0.0

Tension

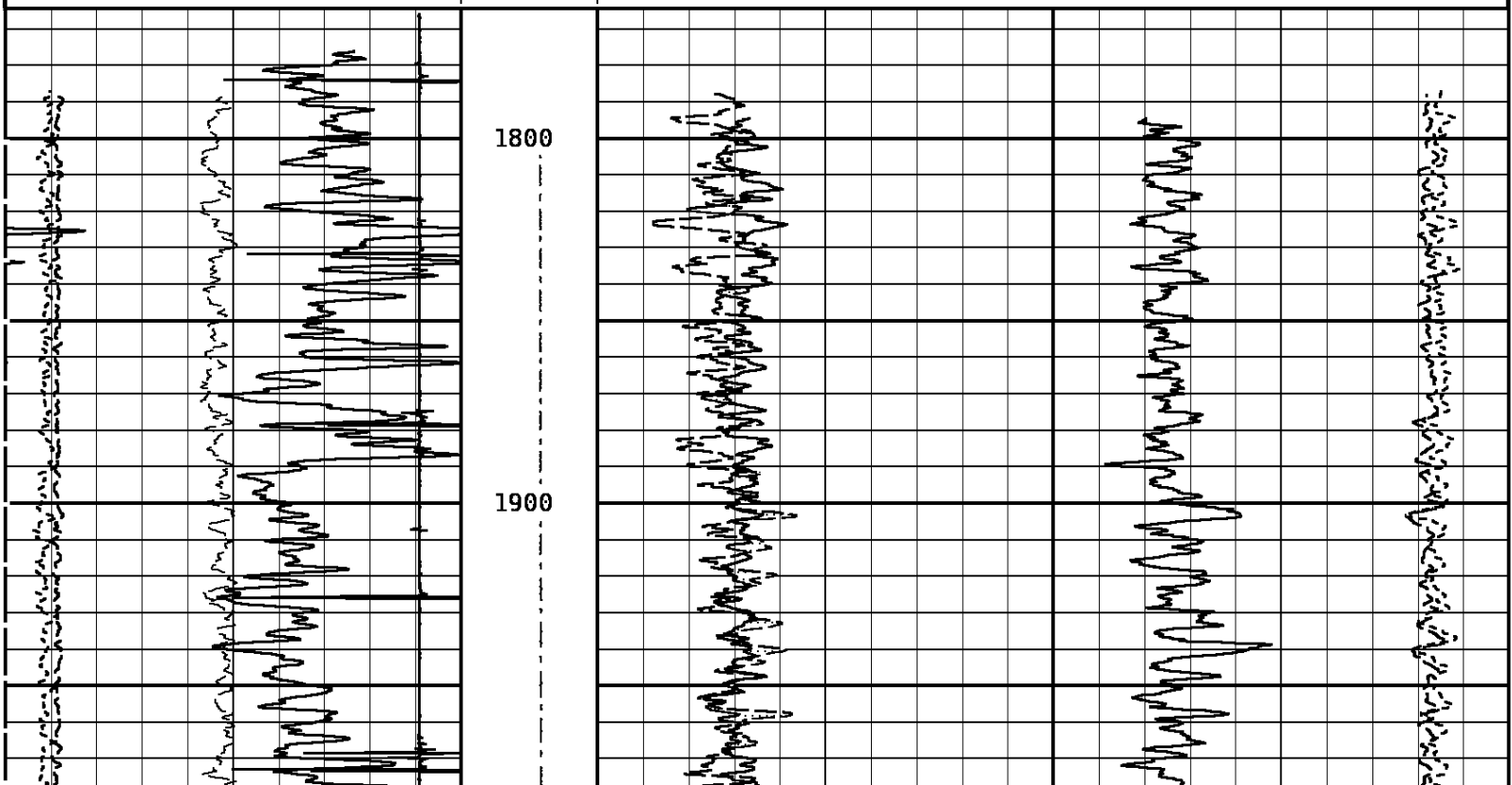
0 1000

Formation Sigma

60.0 0.0

1800

1900



Handwritten text in Arabic script, likely a religious or philosophical treatise, written in a cursive style.

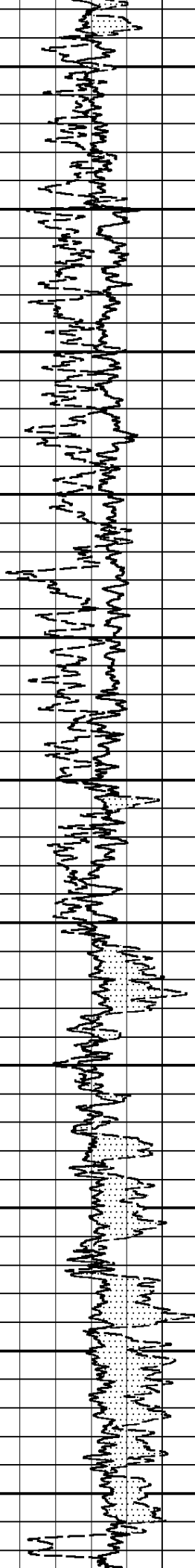
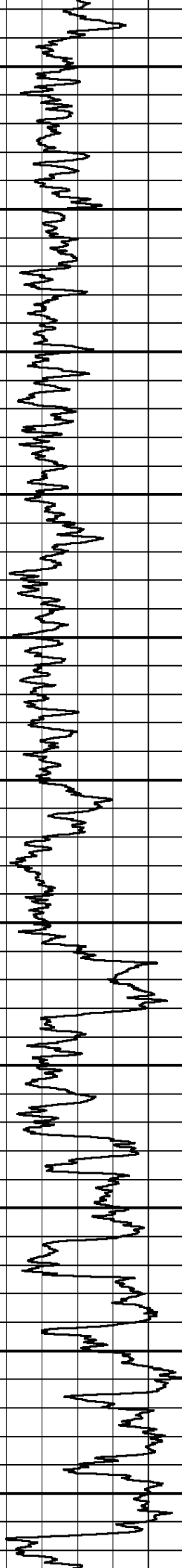
Handwritten text in Arabic script, likely a religious or philosophical treatise, written in a cursive style.

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Handwritten text in Arabic script, likely a religious or philosophical treatise, written in a cursive style.

2000
2100
2200
2300
2400
2500

Handwritten notes in Urdu script, likely a field log or report, running vertically along the right edge of the page.



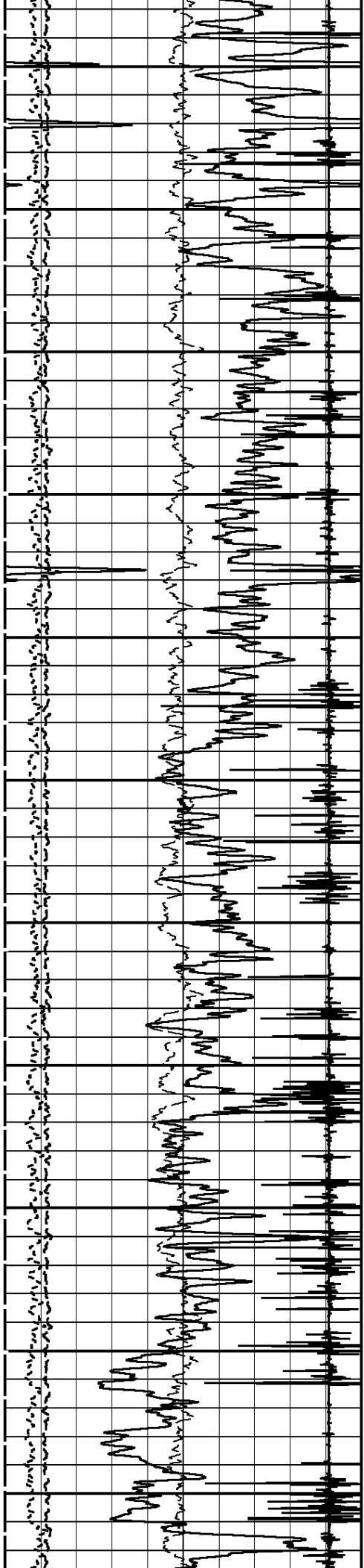
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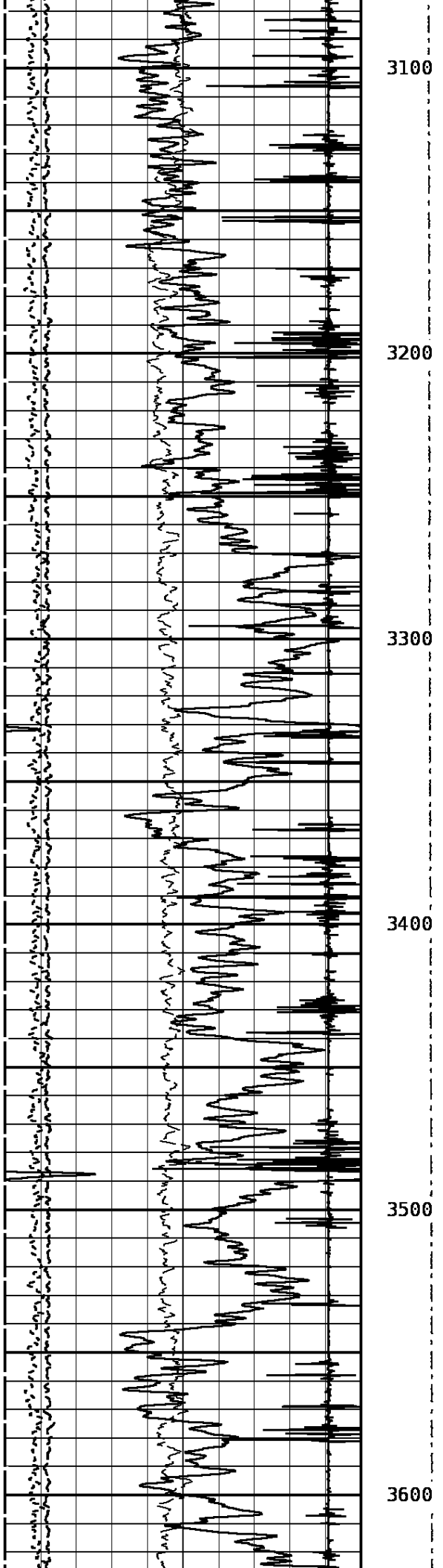
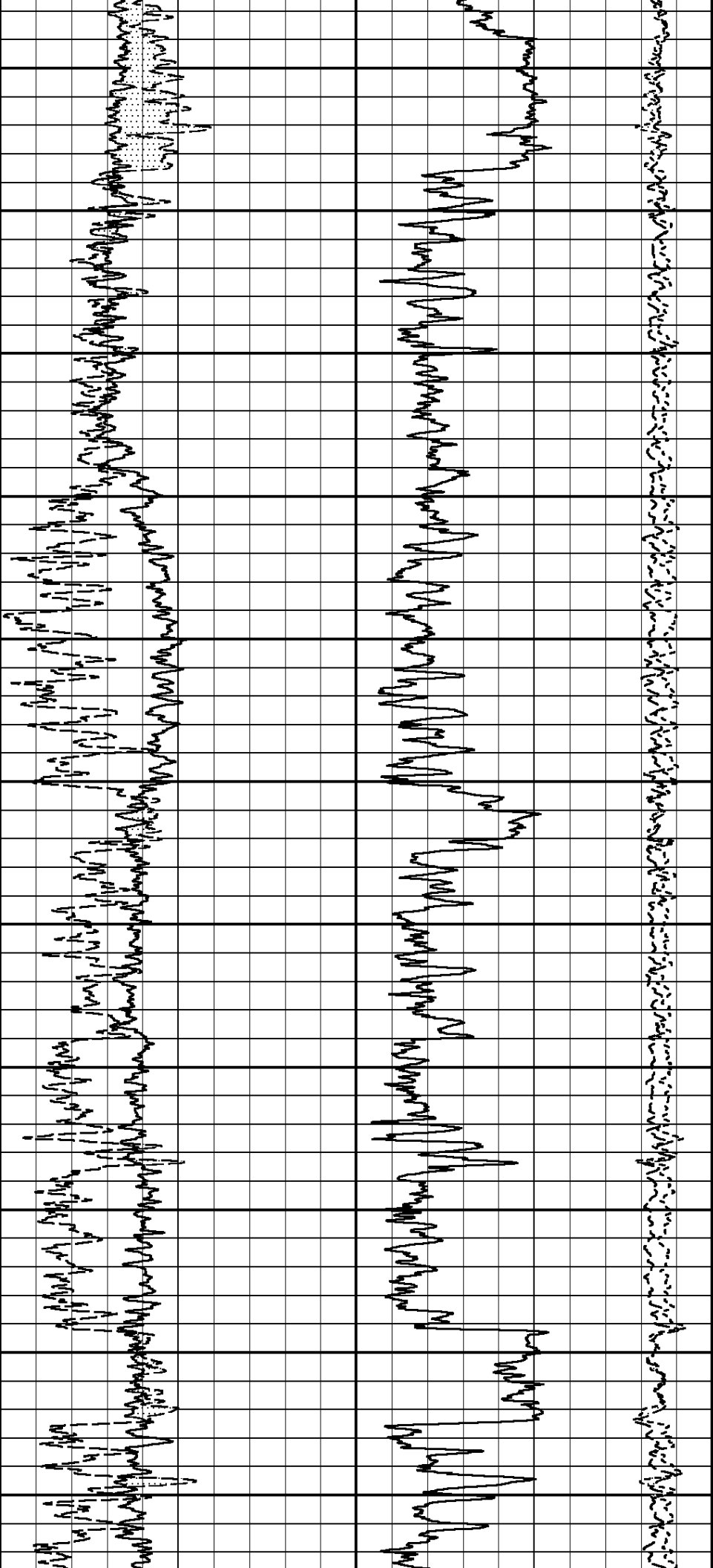
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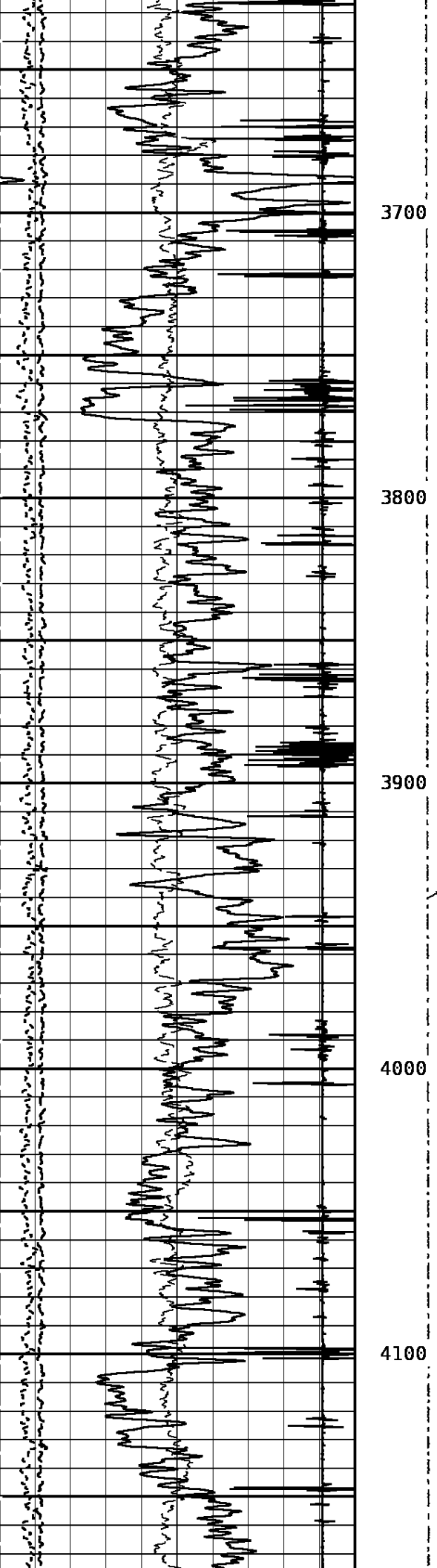
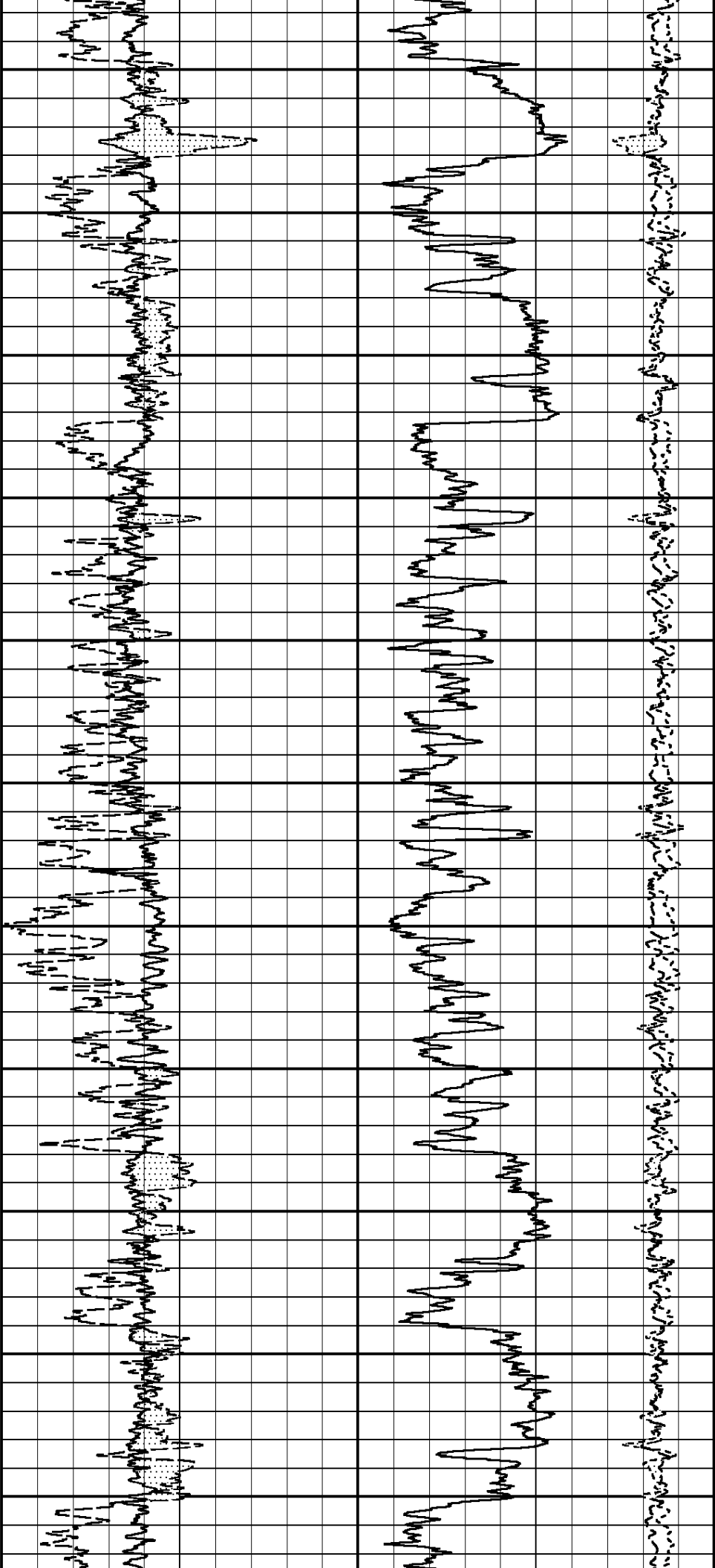
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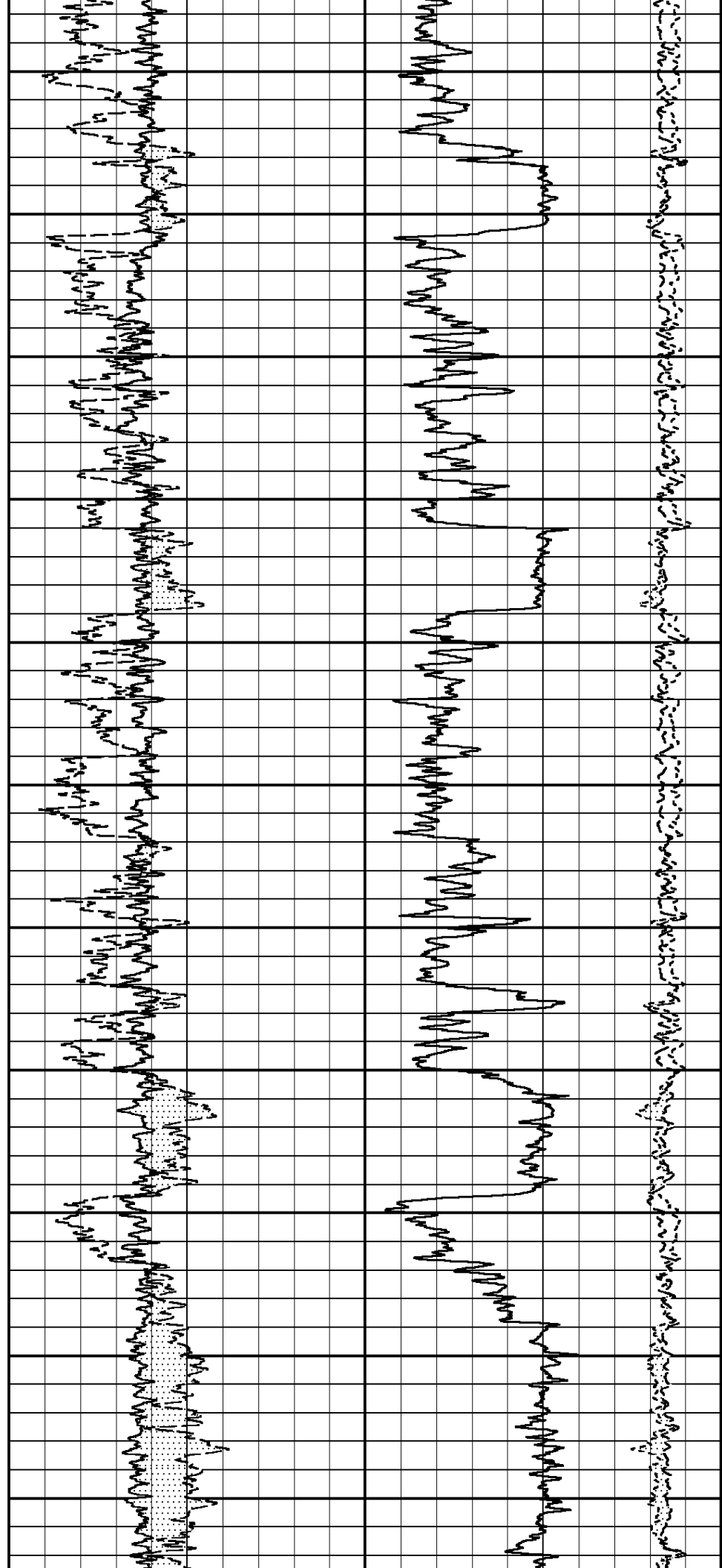
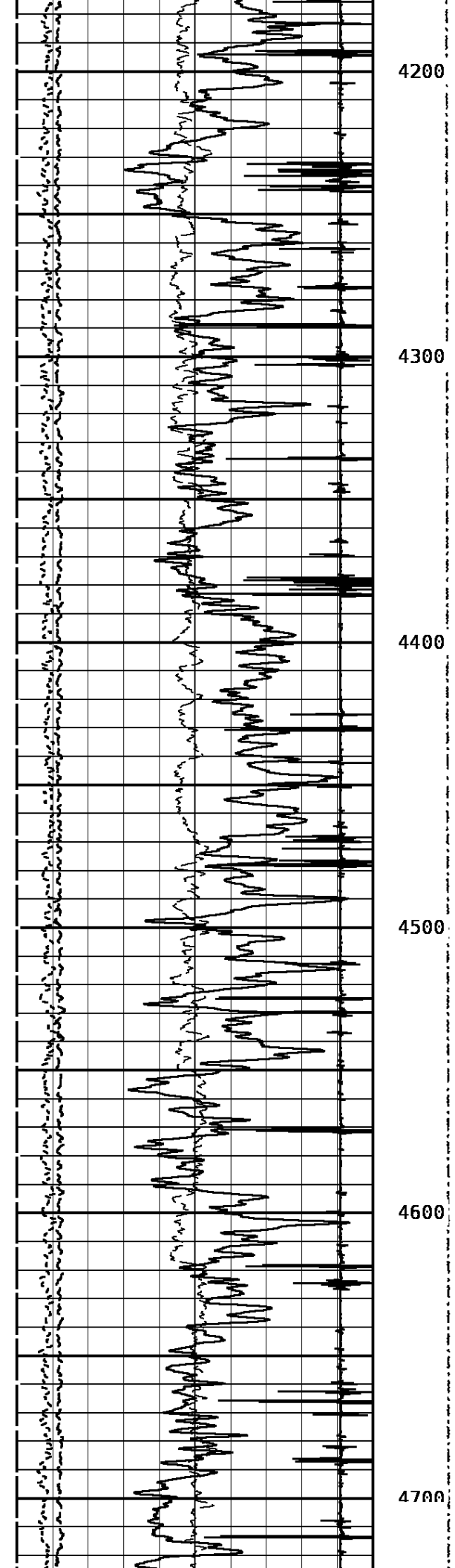
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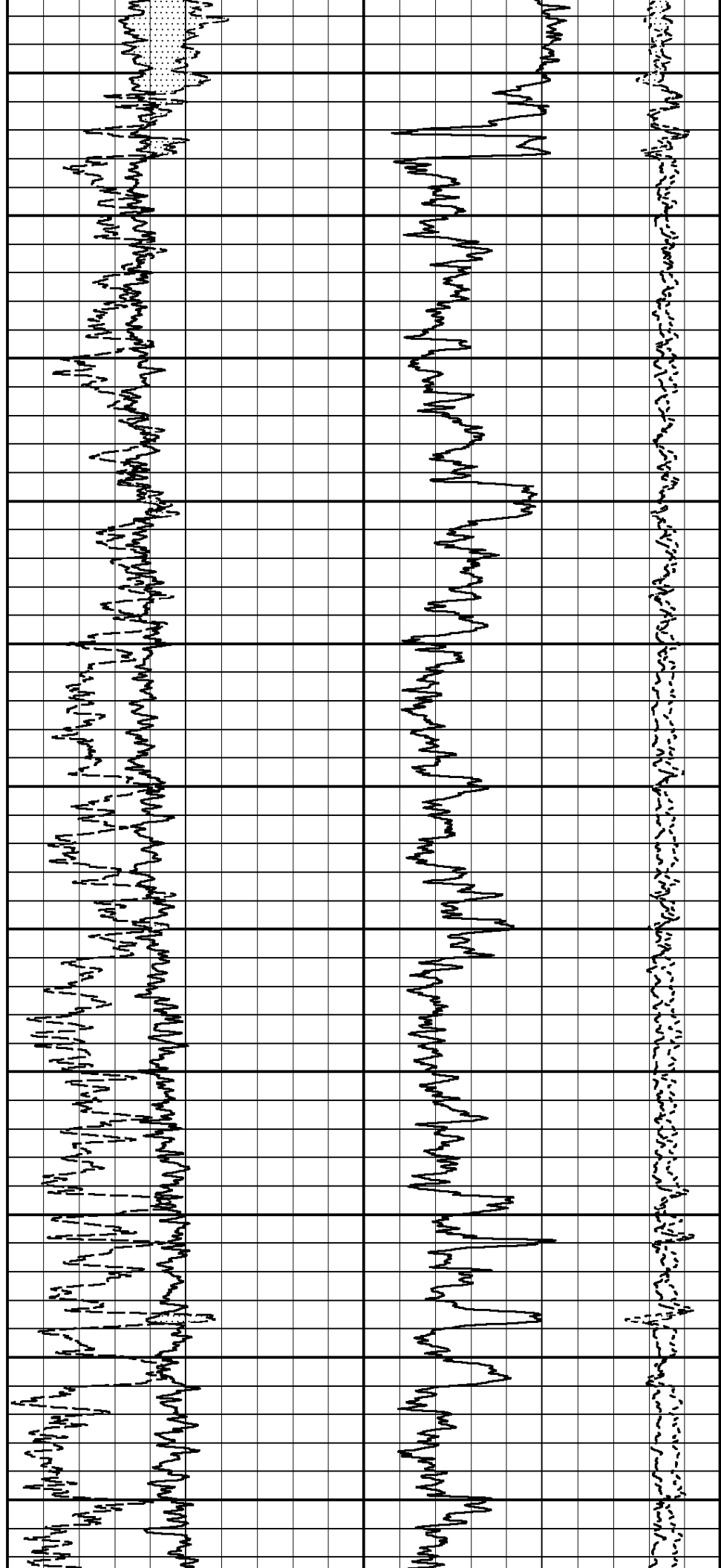
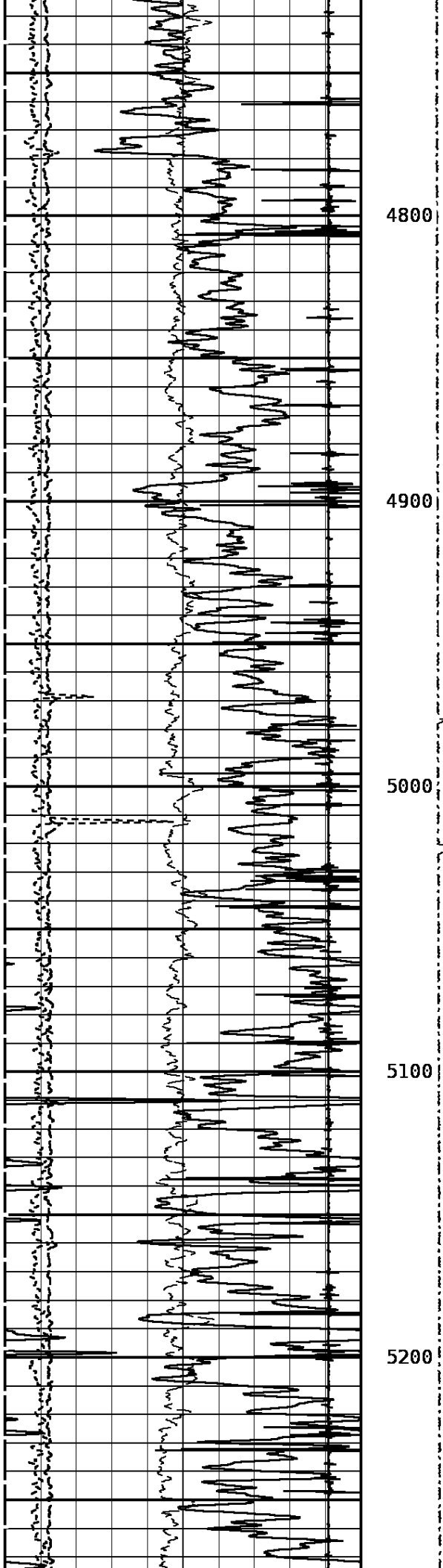
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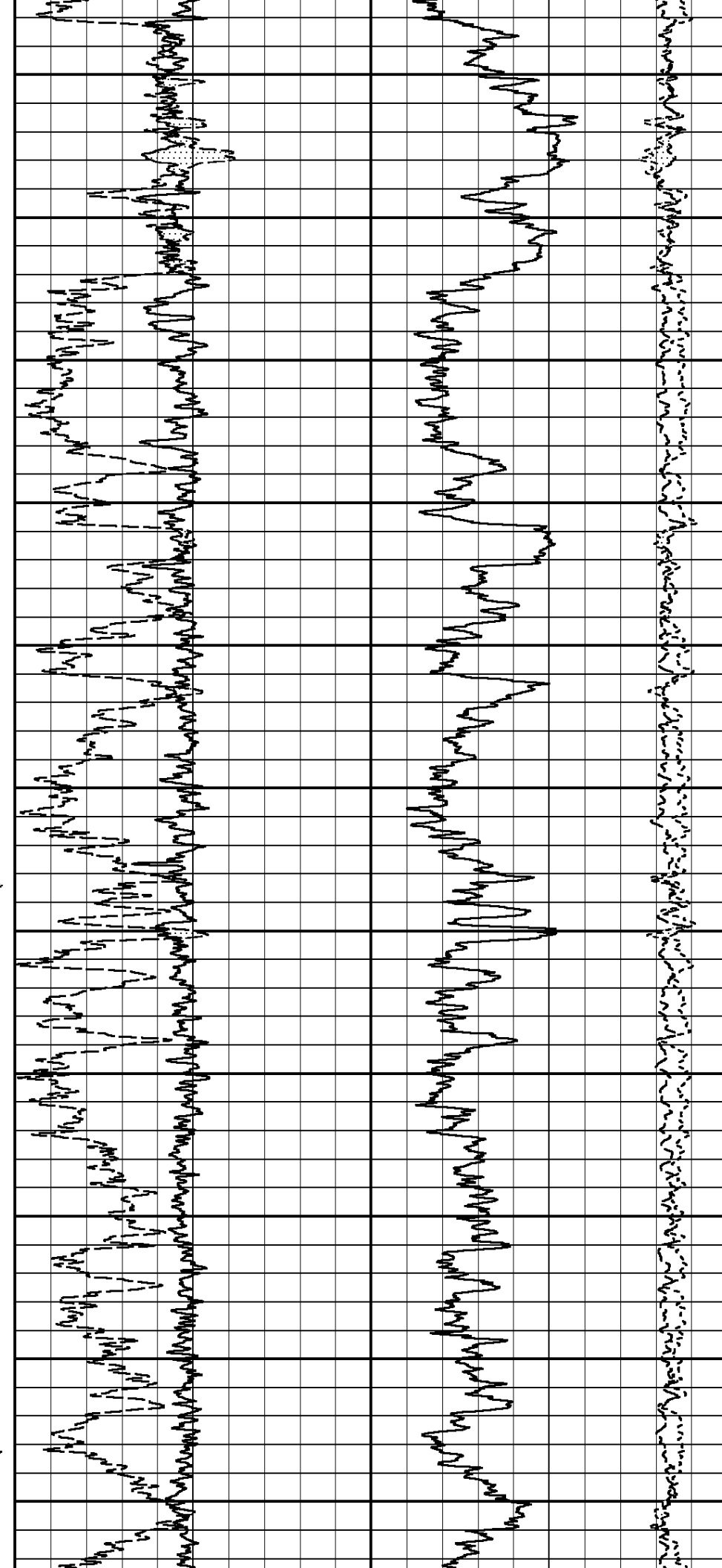
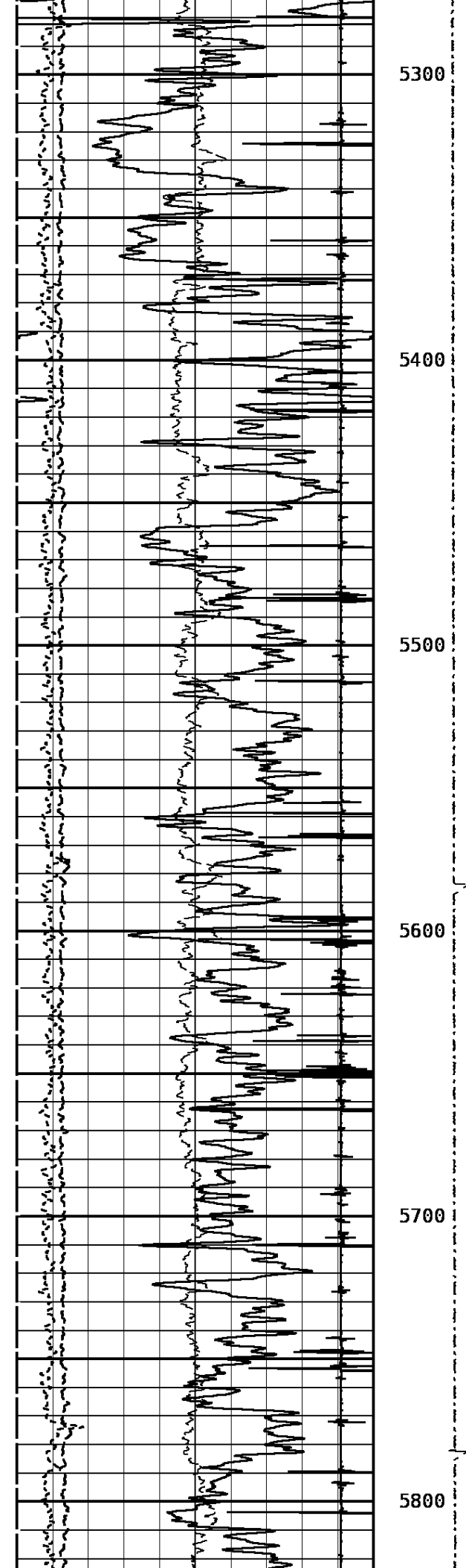


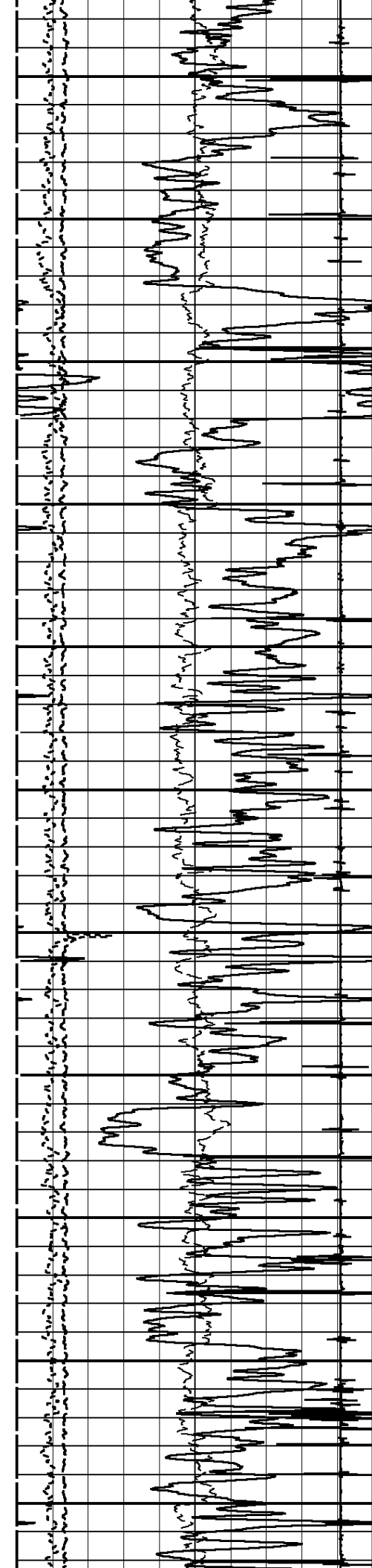












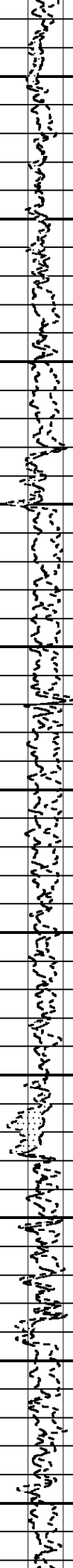
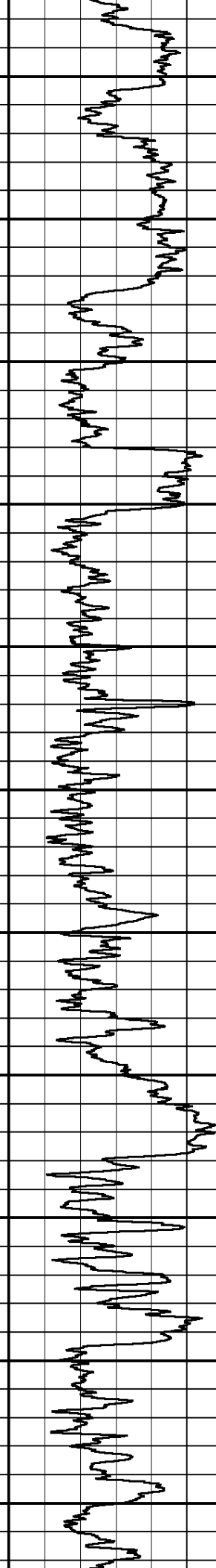
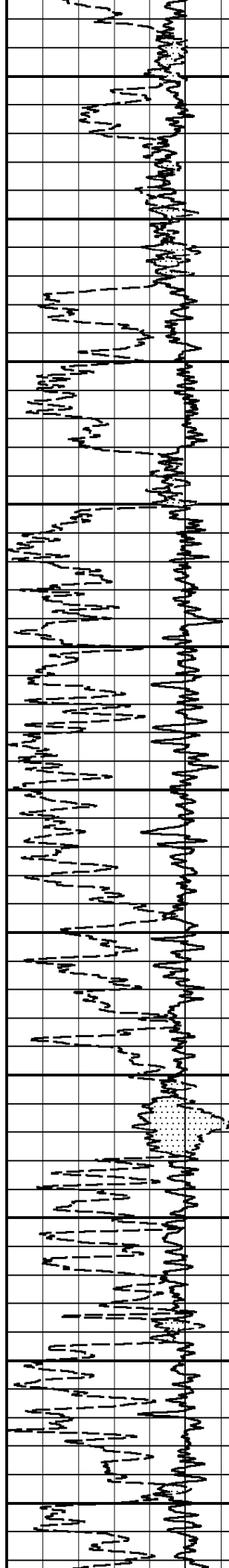
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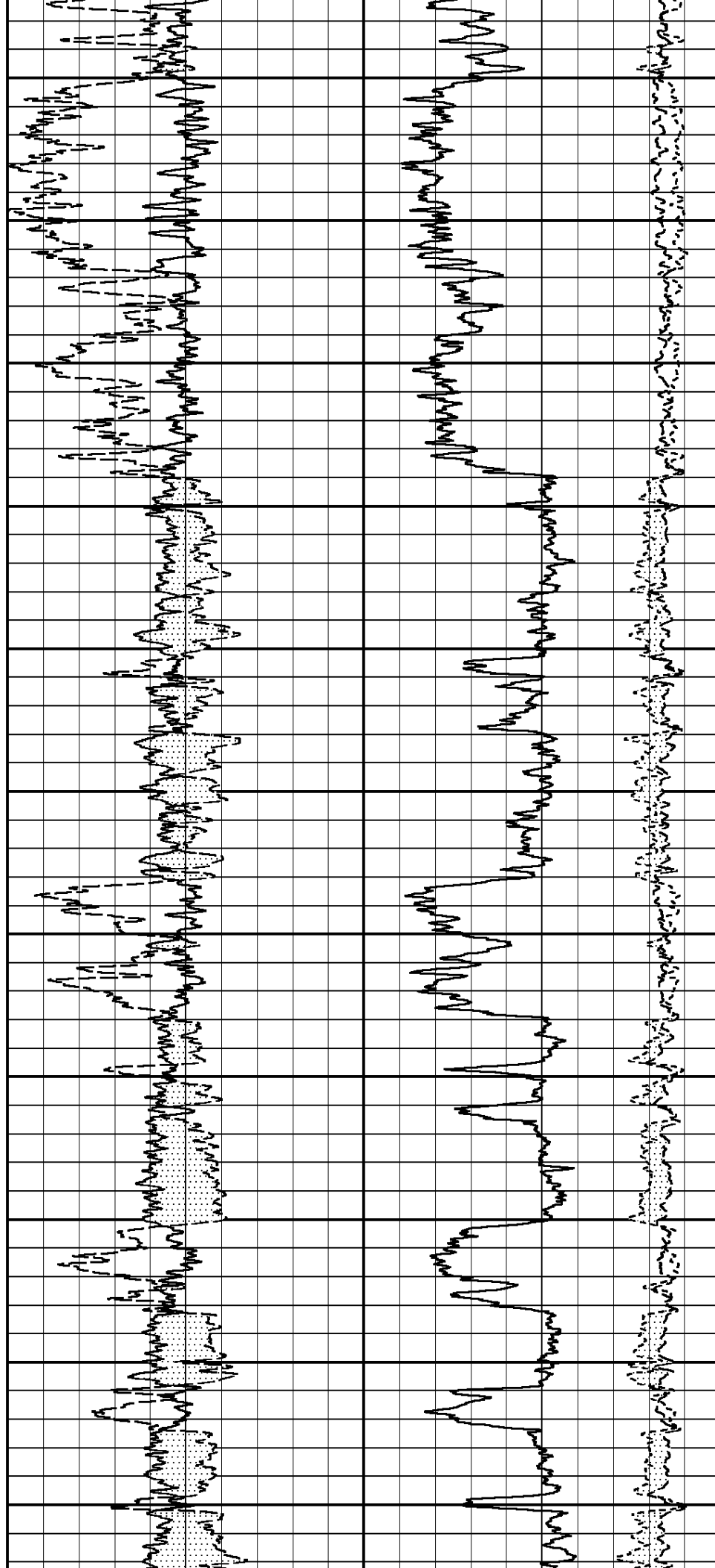
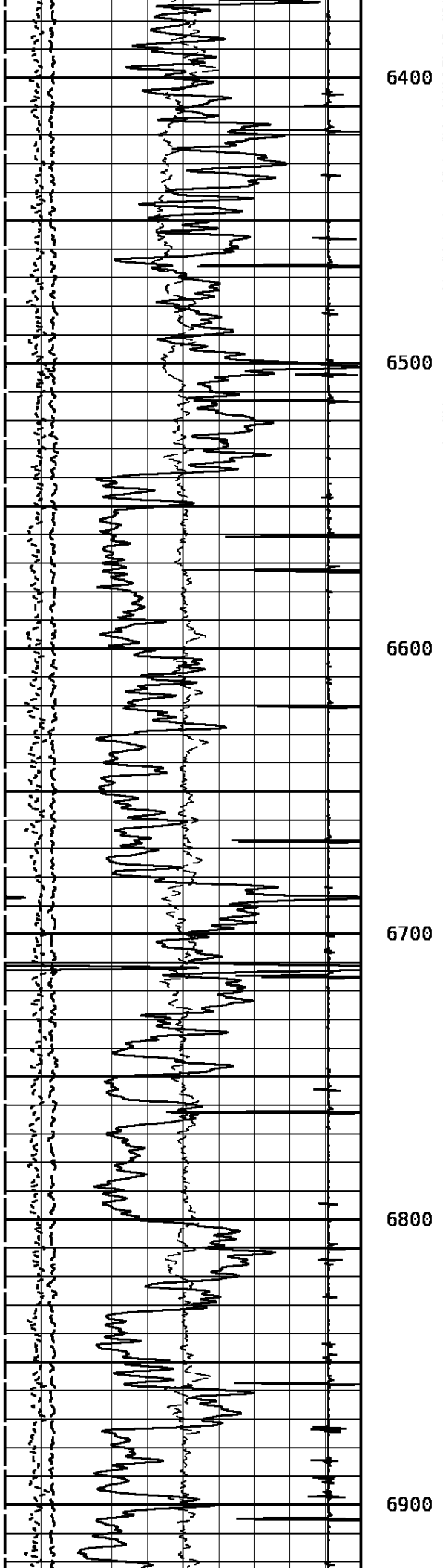
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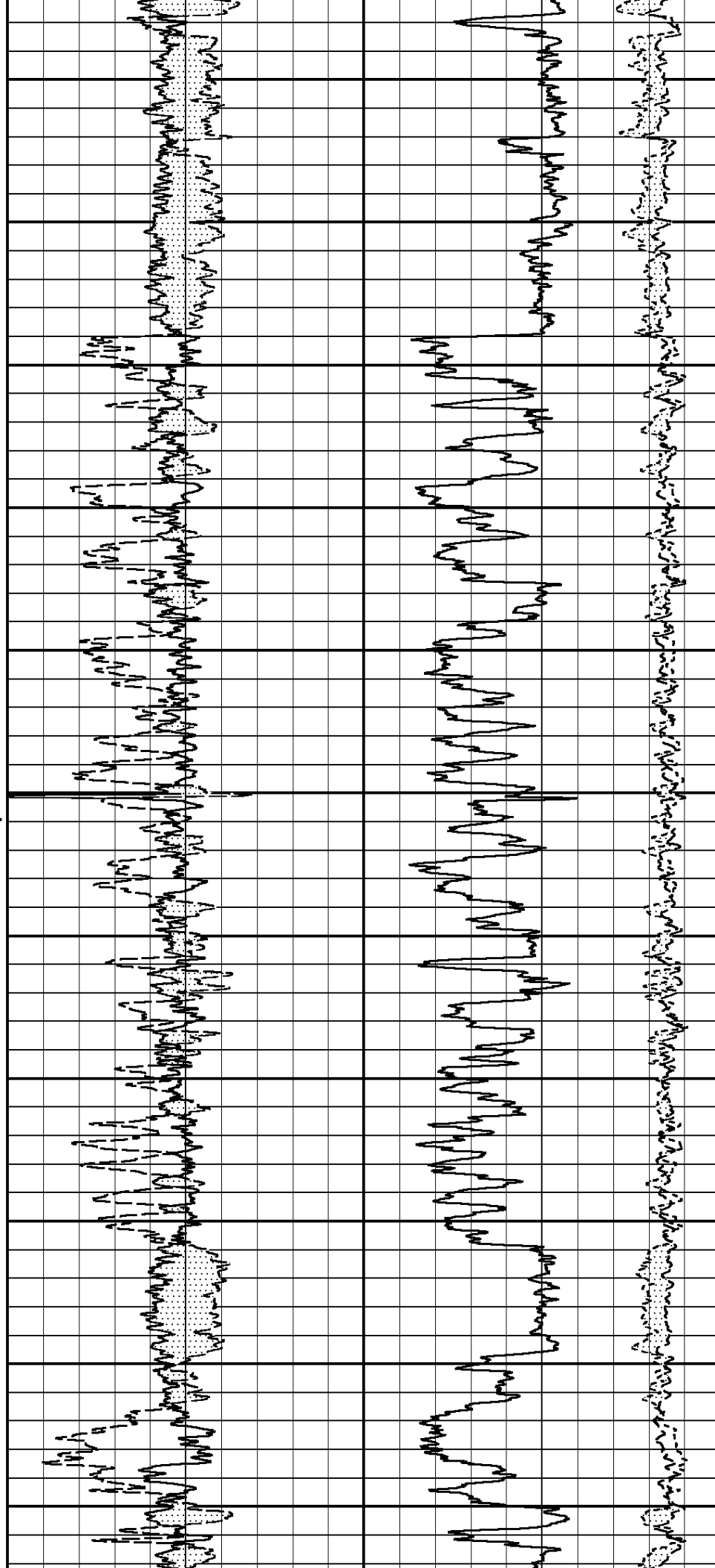
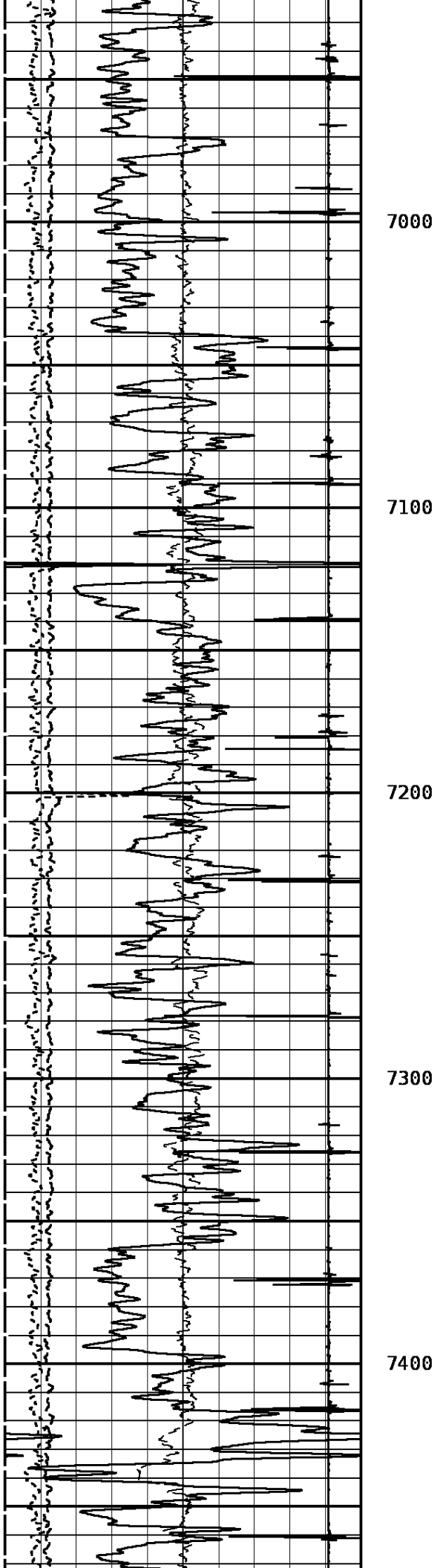
6100

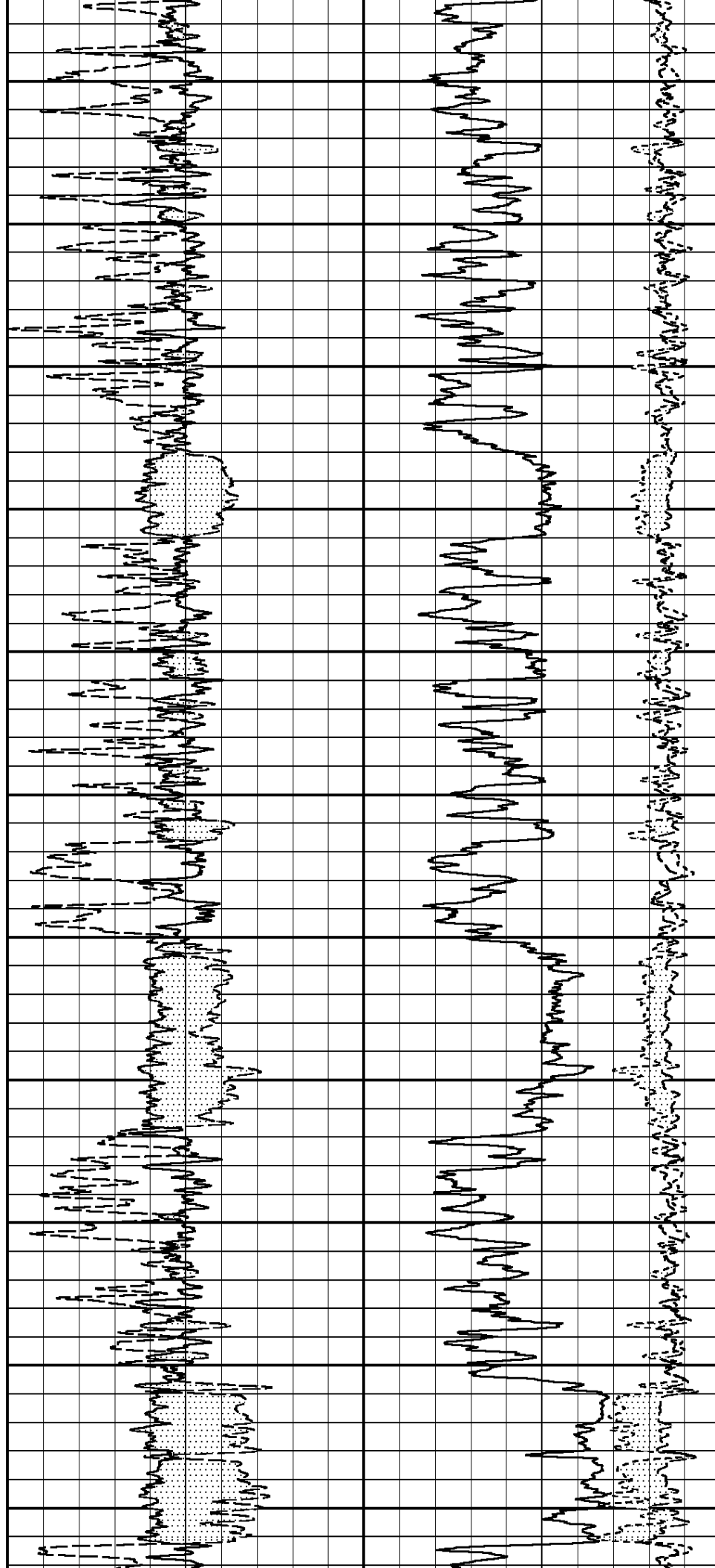
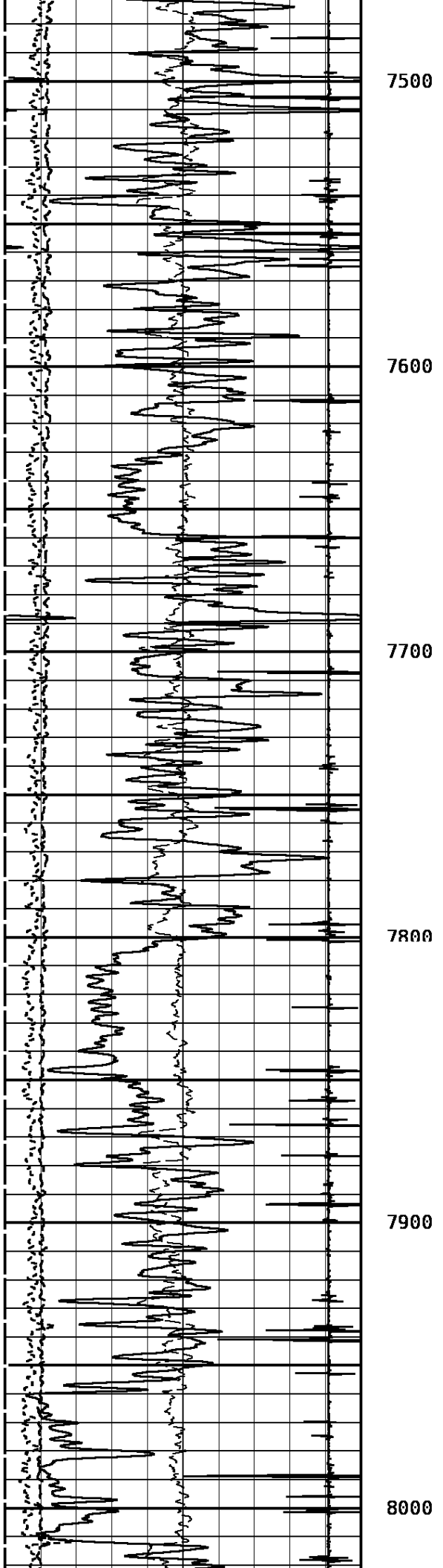
6200

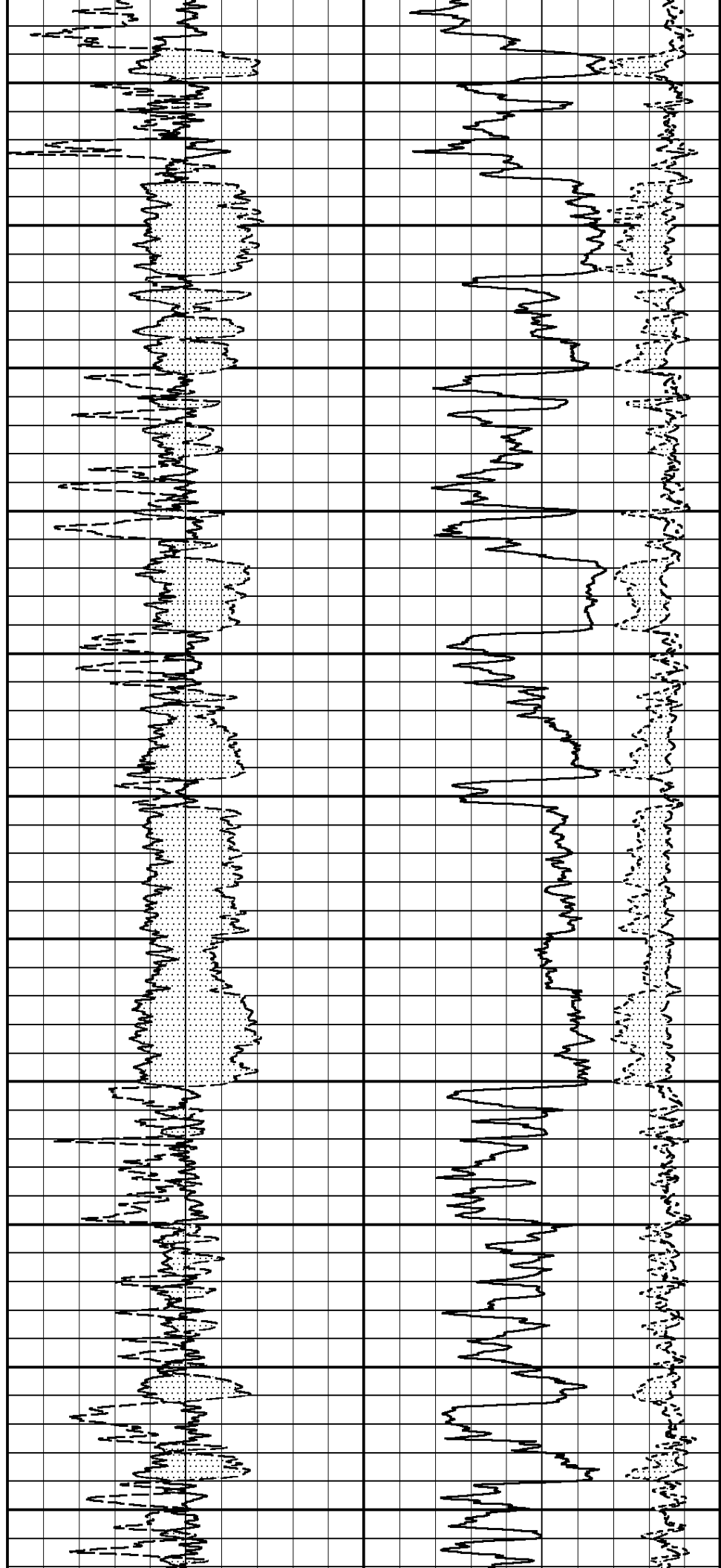
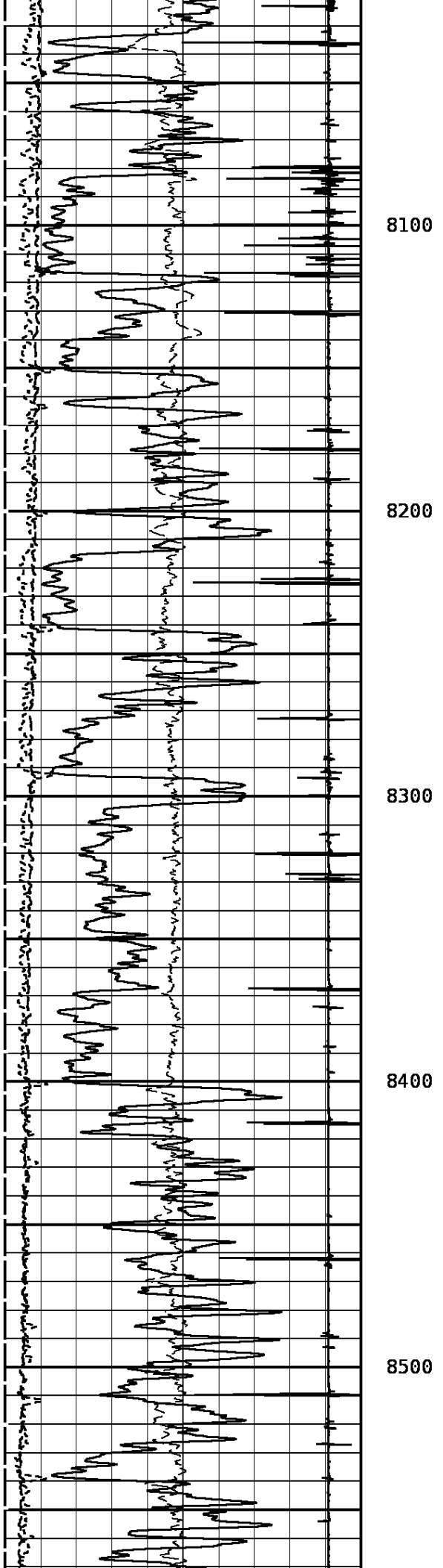
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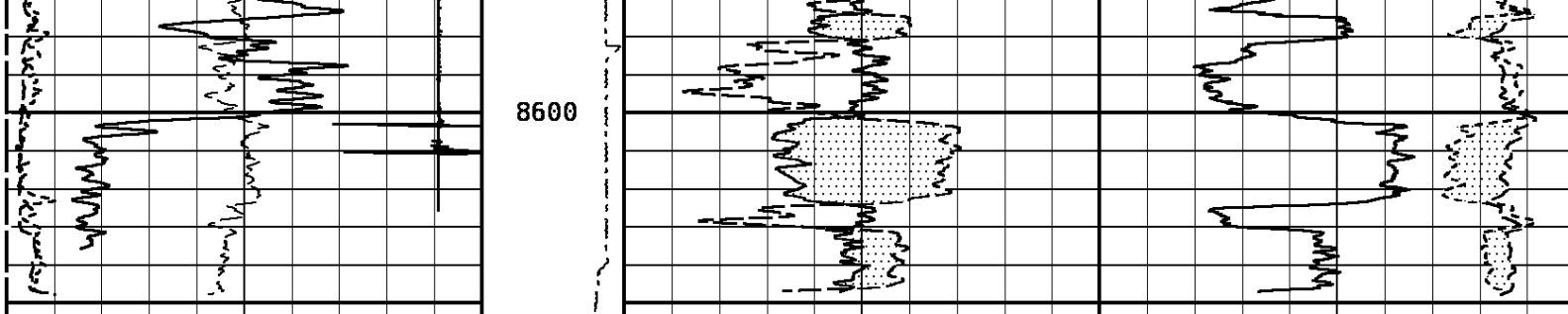












8600

BGD NEAR		Tension	Formation Sigma			
0.0	18000.0		0	1000	60.0	0.0
BGD FAR			RATIO		NEAR 1	
0.0	3000.0		5.0	0.0	120.0	Counts/Second 0.0
OUTPUT QUALITY			Ratio Bore n to f		FAR 1	
0.0	200000.0		5.0	15.0	20.0	Counts/Second 0.0
GAMMA RAY		150				
0	API					
CCL						
-9000	Millivolts	900				

START DEPTH: 8654.4 DIRECTION: UP DATE: 01/25/2008 TIME: 10:37 MODE: ORIGINAL

130916 PNDMAINFIN

MAIN PASS

DEPTH SCALE: 2":100'

VERSION: 71018127R"

REMARKS

5 INCH PND MAIN PASS

DEPTH SCALE: 5":100'

VERSION: 71018127R"

MAIN PASS

130916 PNDMAINFIN

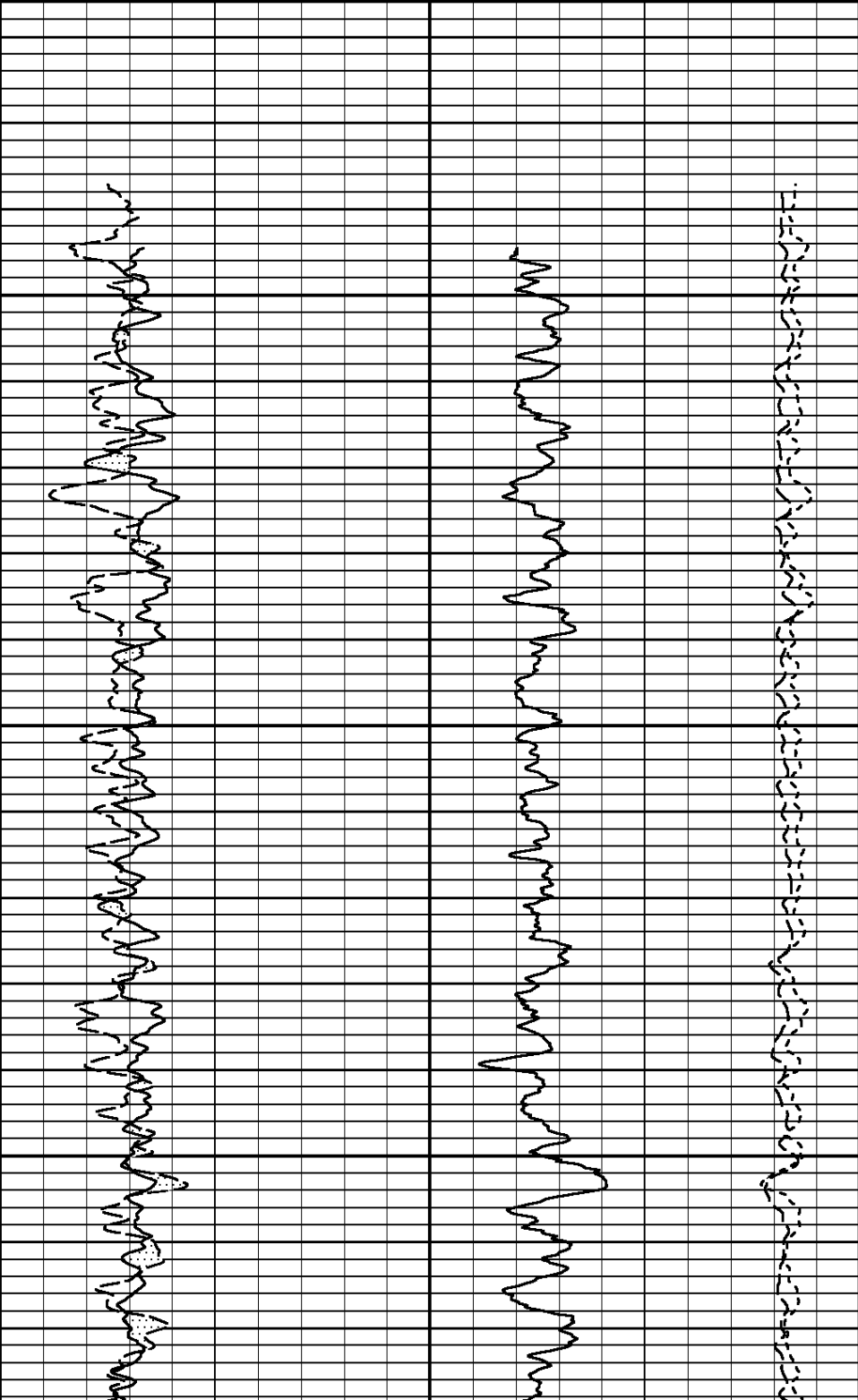
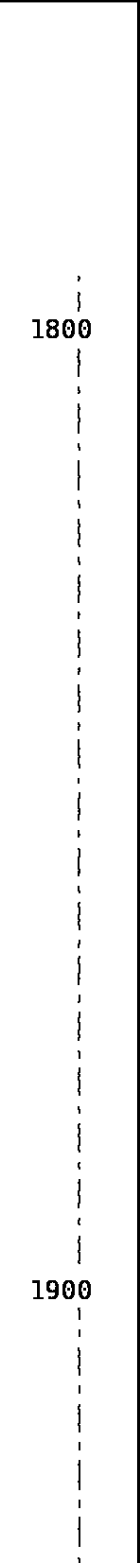
FINISH DEPTH: 1794.5 Feet DIRECTION: UP DATE: 01/25/2008 TIME: 16:40 MODE: ORIGINAL
RECOMPUTED DATE: 01/25/2008 TIME: 16:41

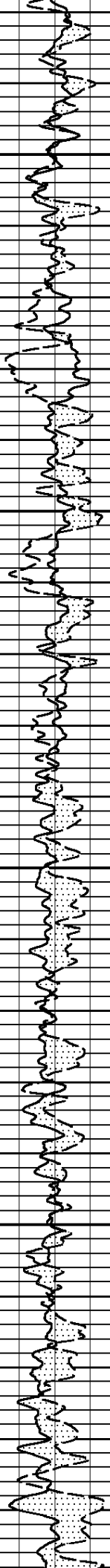
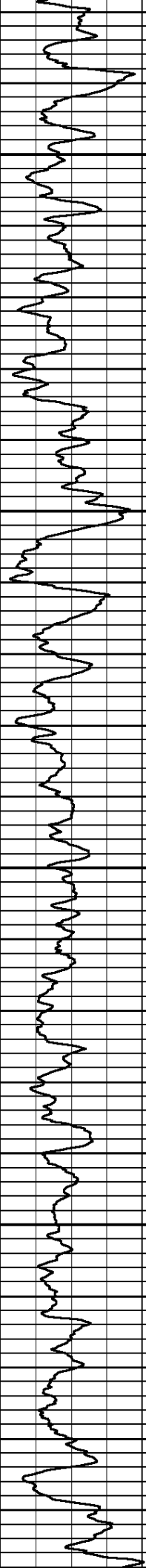
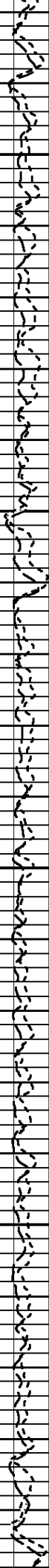
CGI

GAMMA RAY		
-9000	Millivolts	900
GAMMA RAY		
0	API	150
OUTPUT QUALITY		
0.0		200000.0
BGD FAR		
0.0		3000.0
BGD NEAR		
0.0		18000.0

Tension

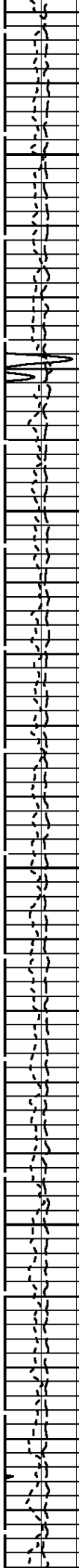
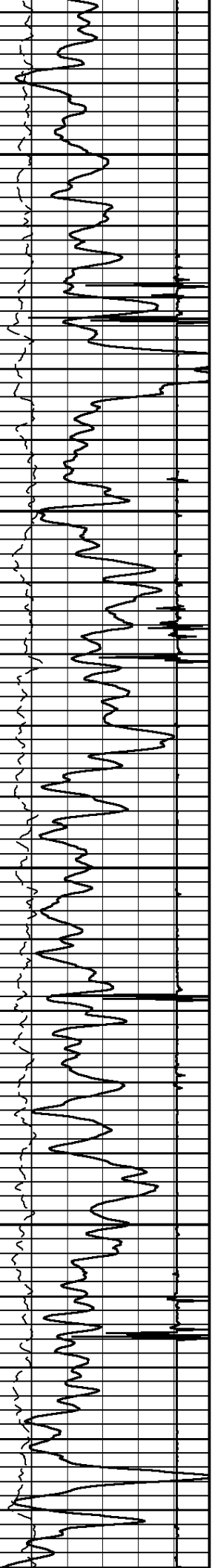
Ratio Bore n to f		FAR 1	
5.0	15.0	20.0	Counts/Second 0.0
RATIO		NEAR 1	
5.0	0.0	120.0	Counts/Second 0.0
Formation Sigma			
60.0			0.0



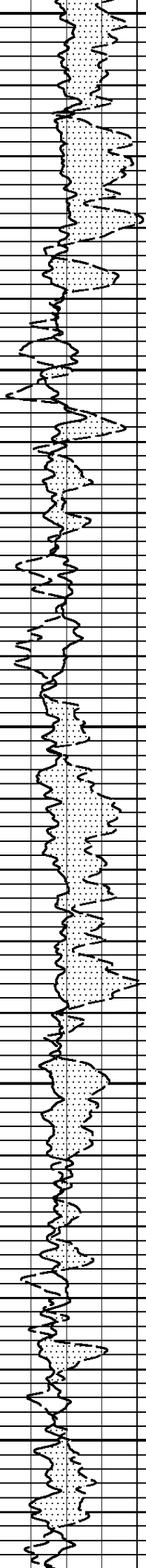
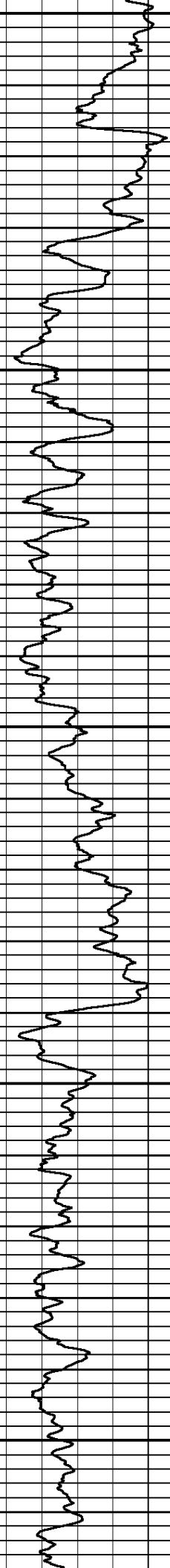


2000

2100

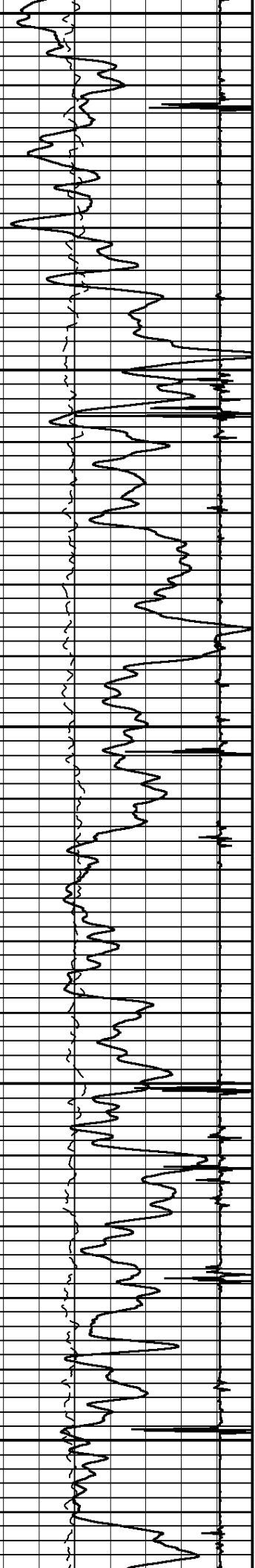


Handwritten text in Urdu script, likely a header or title, located at the top of the page.

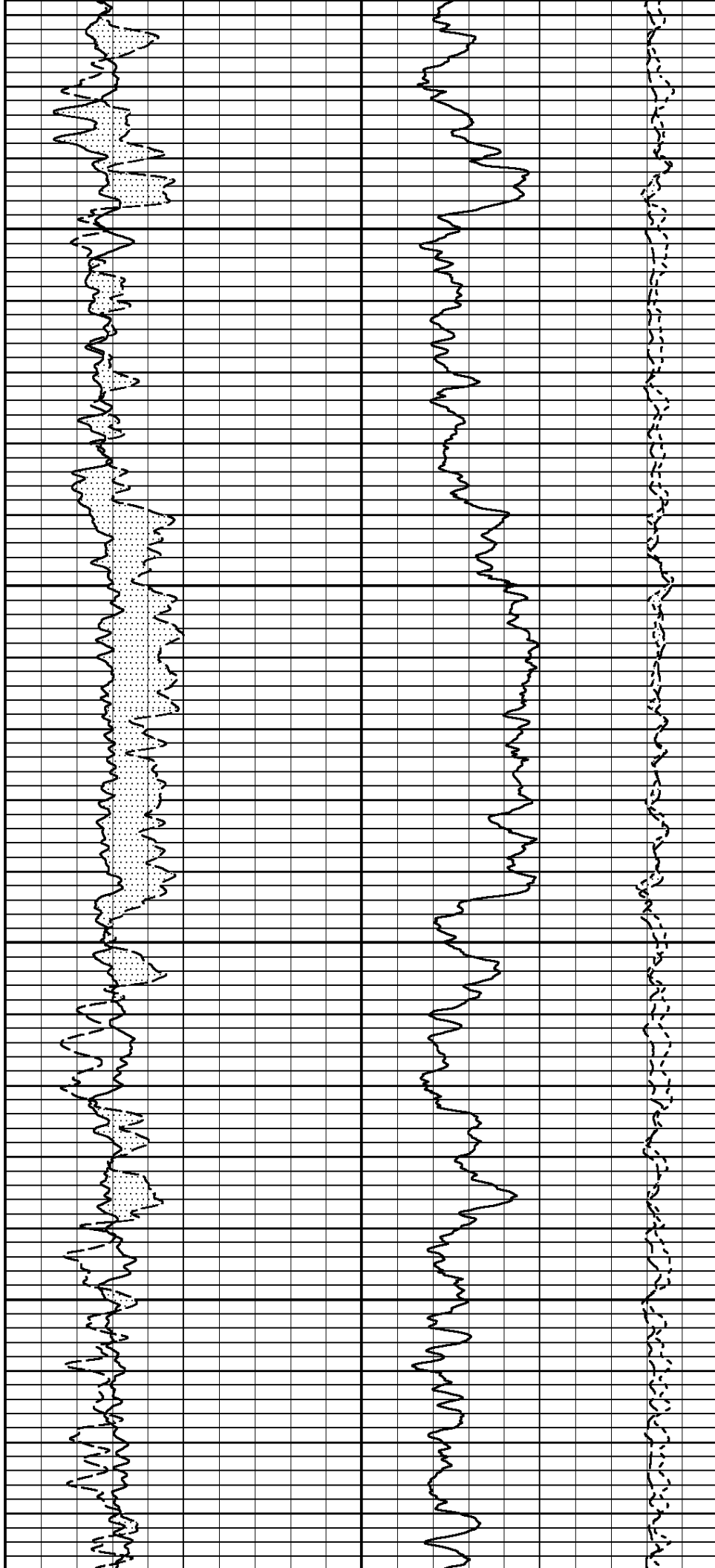
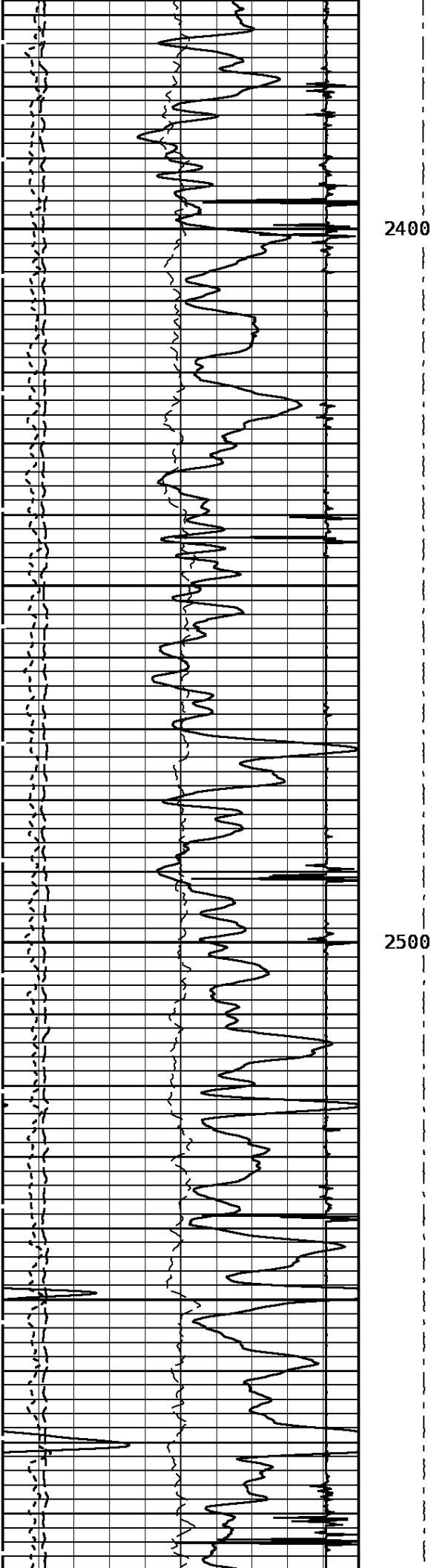


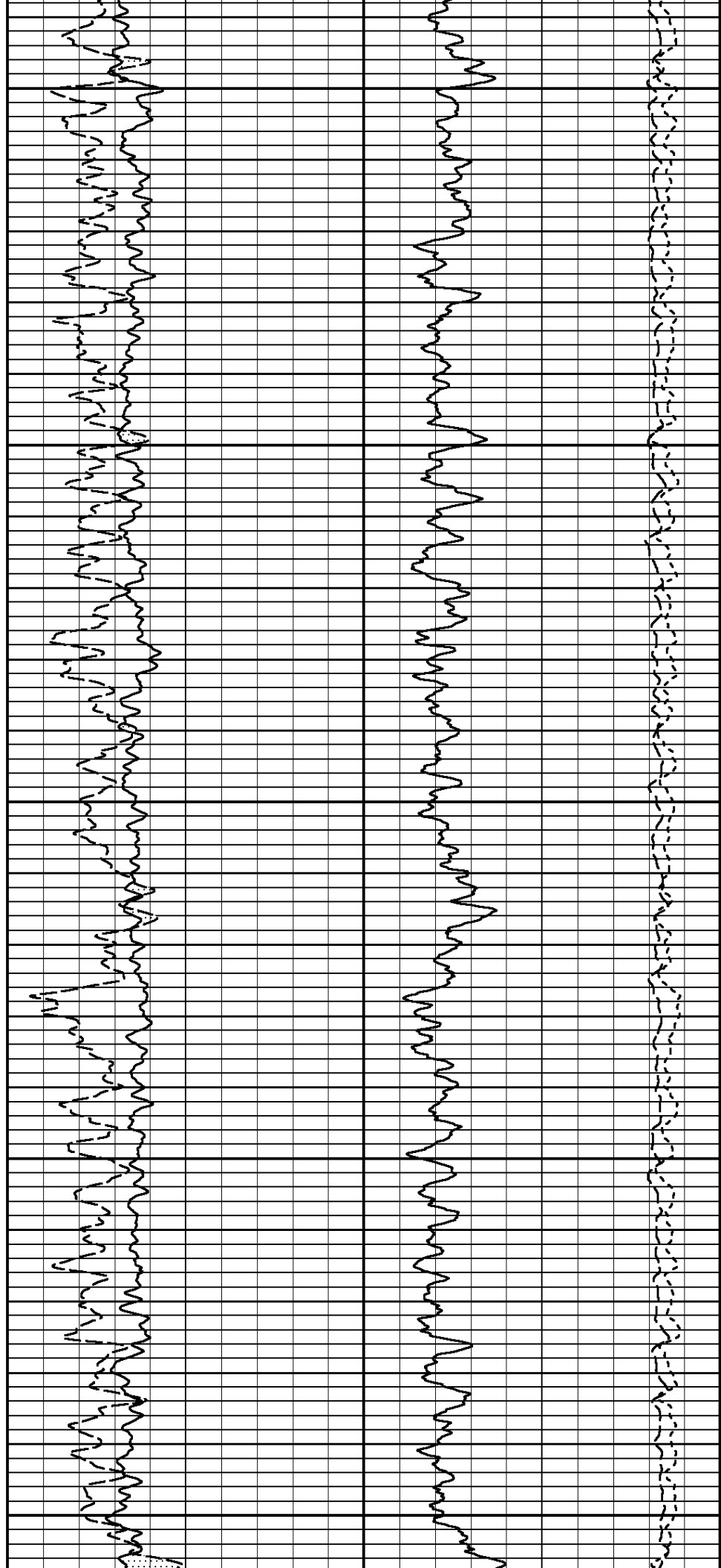
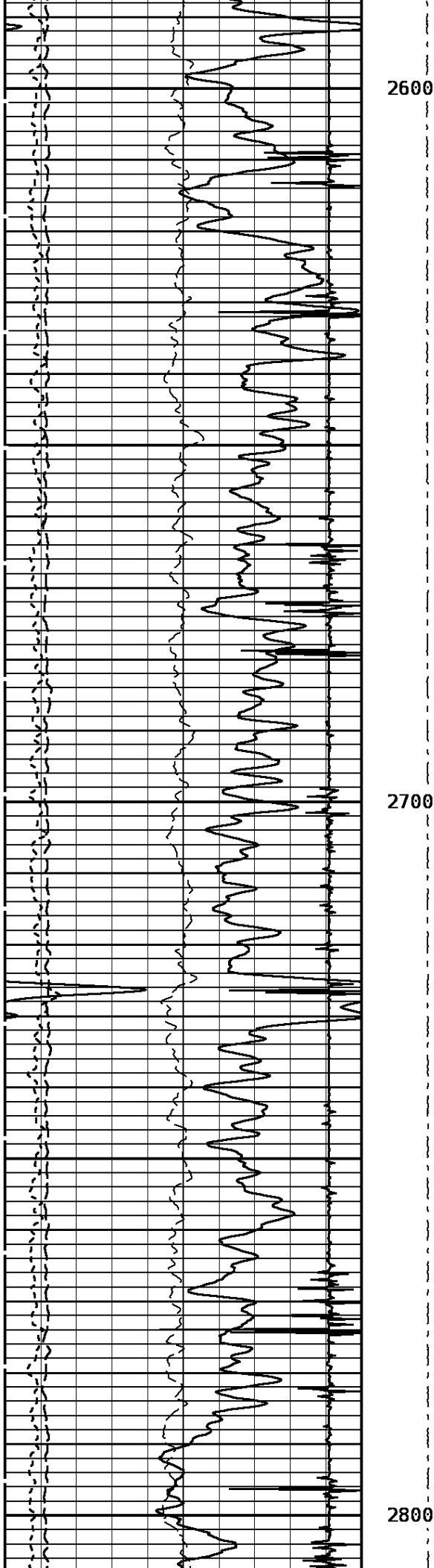
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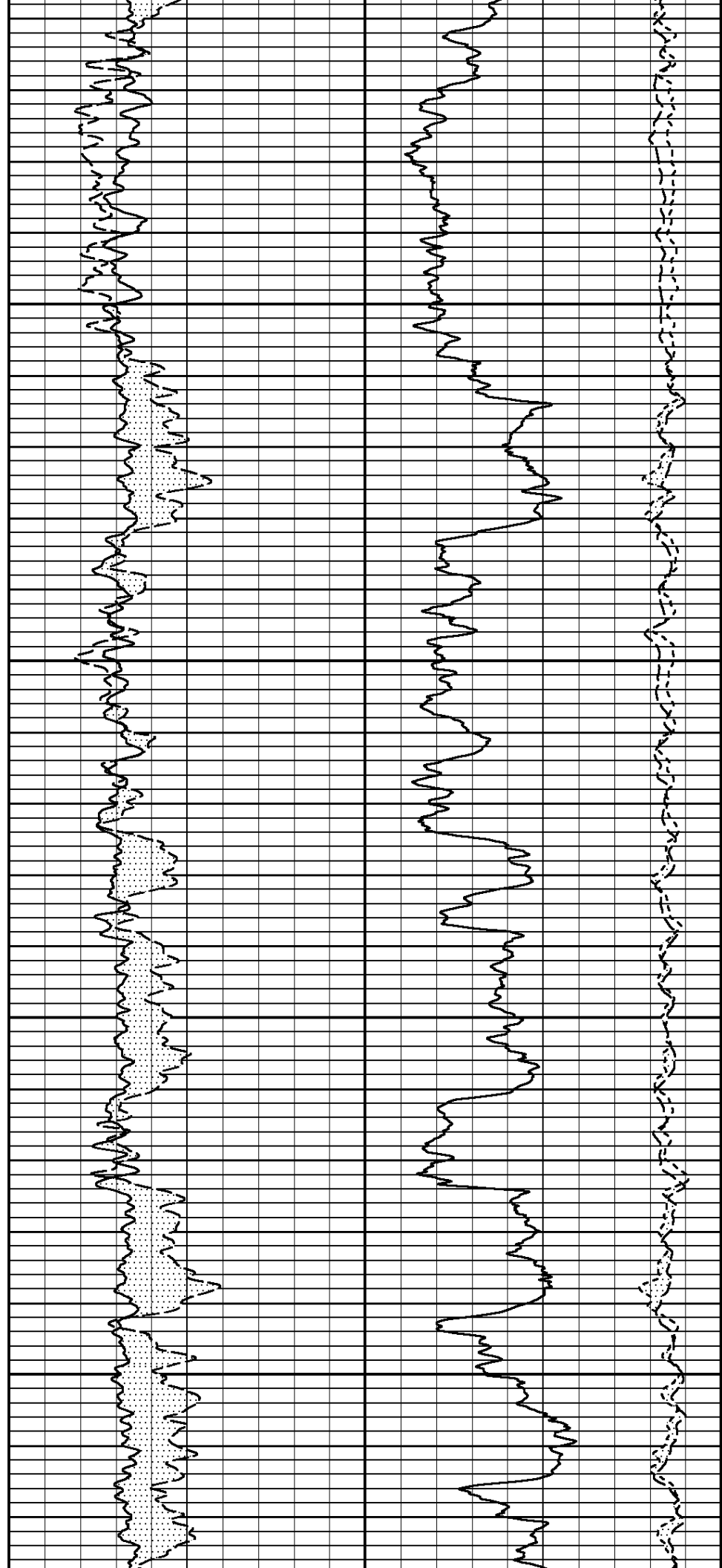
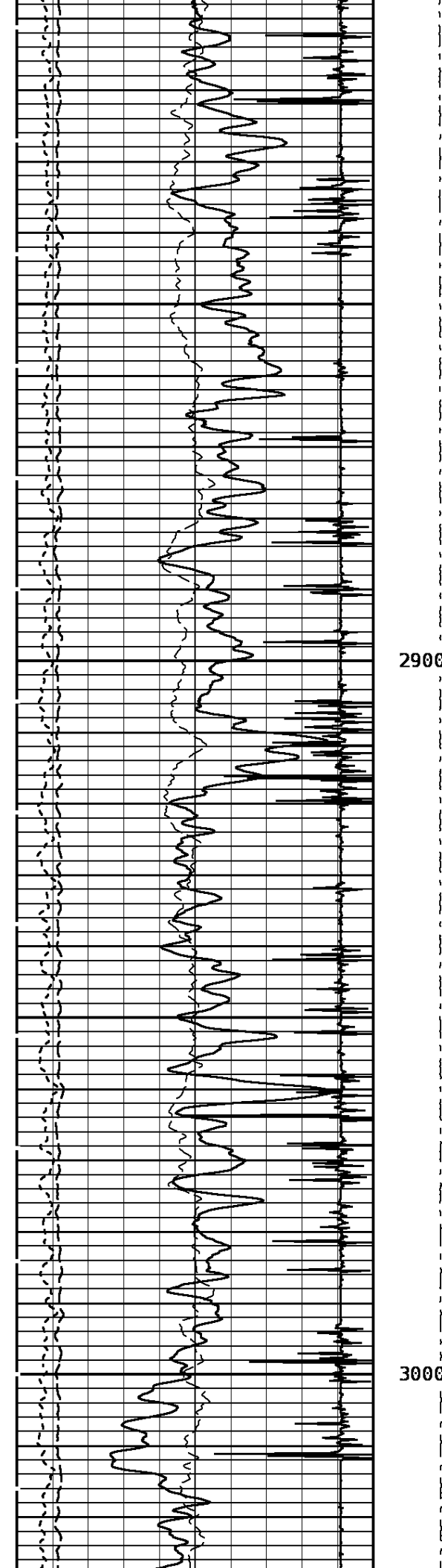
2300

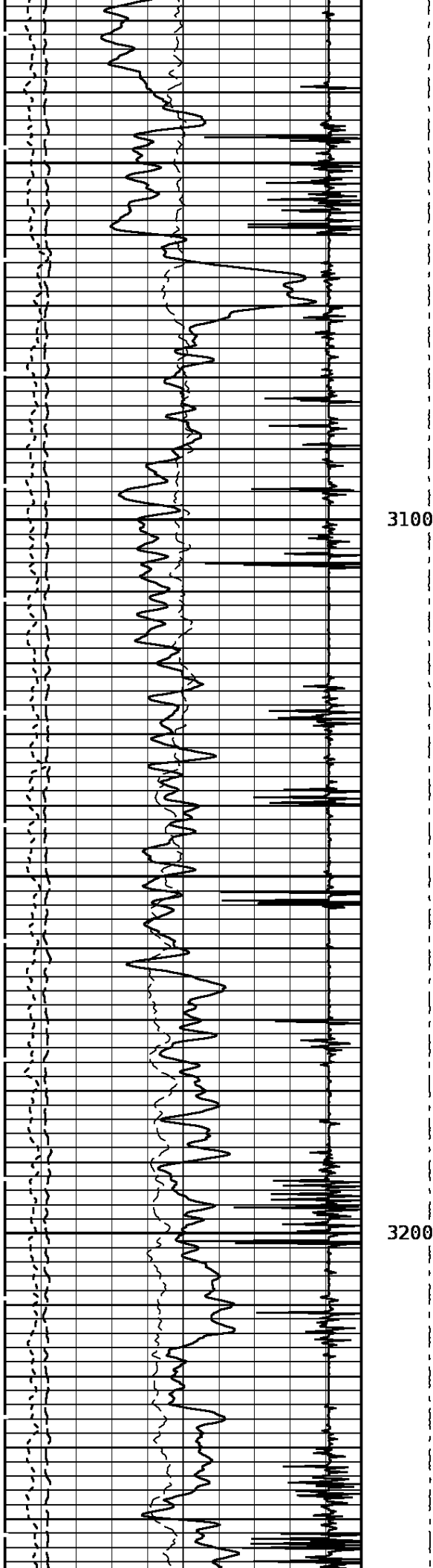


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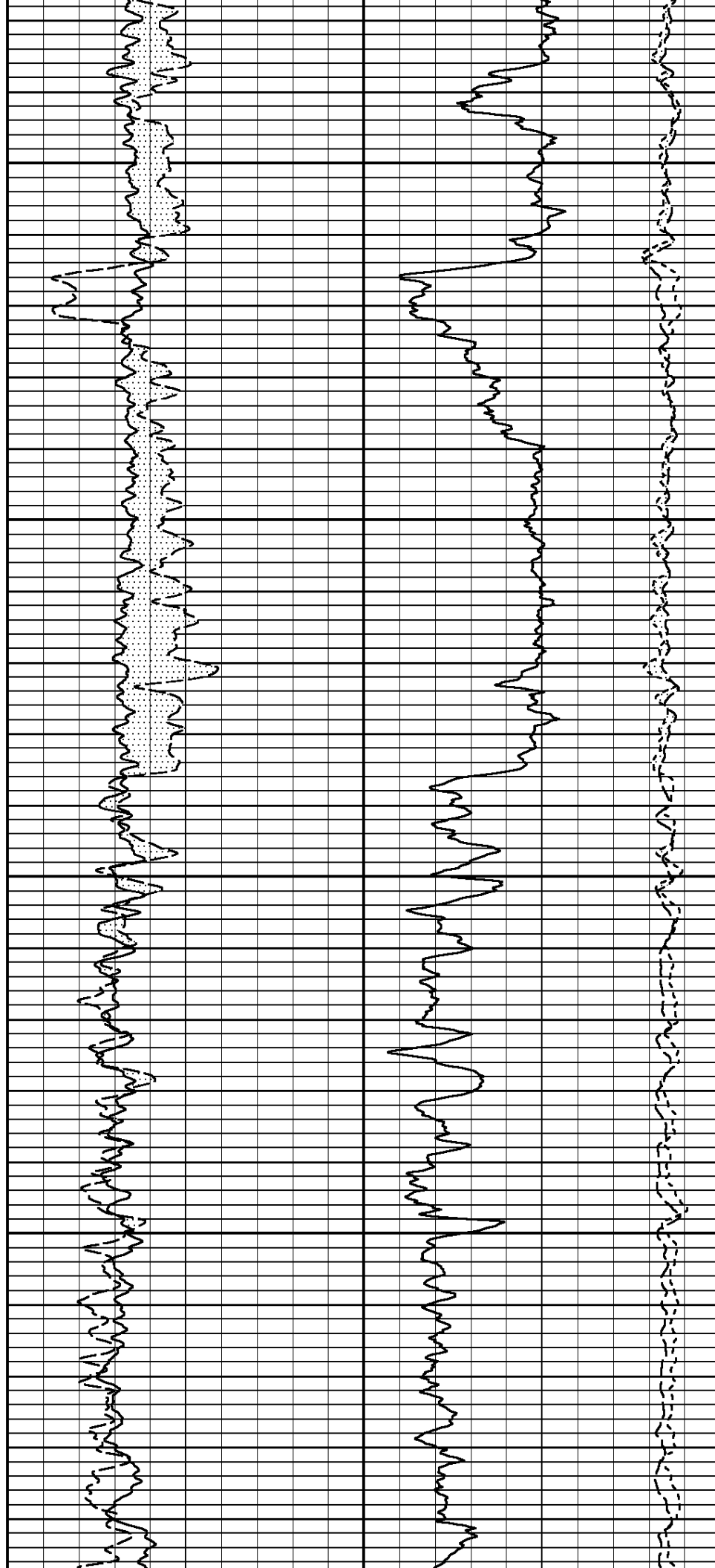


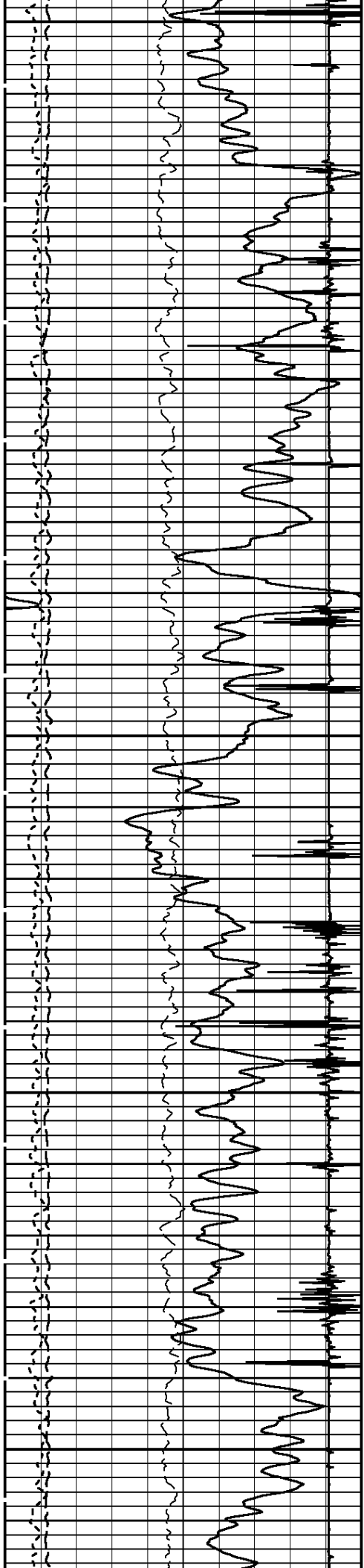




3100

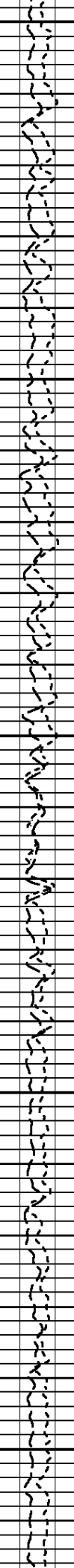
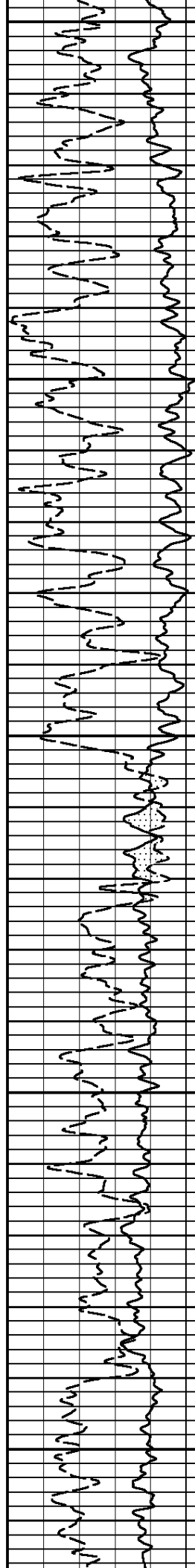
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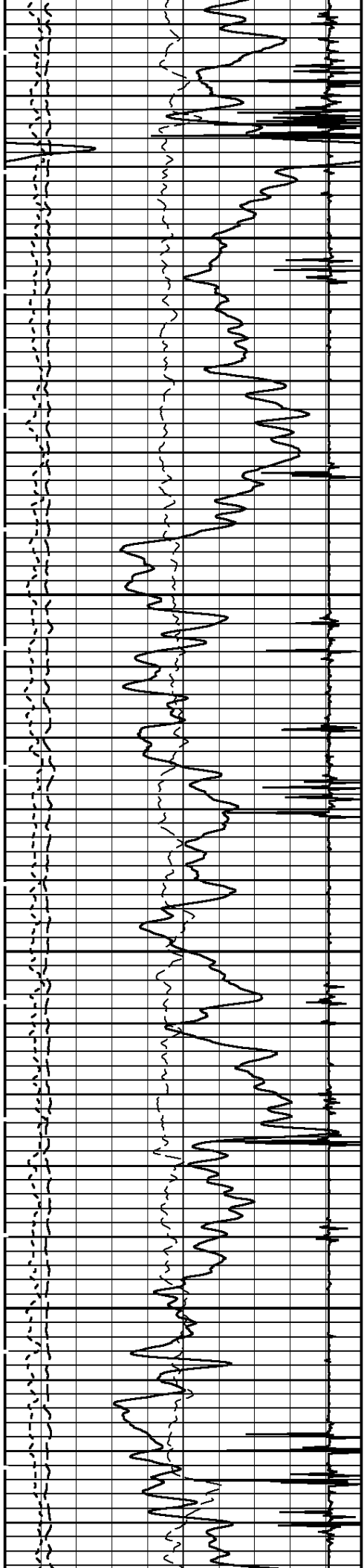




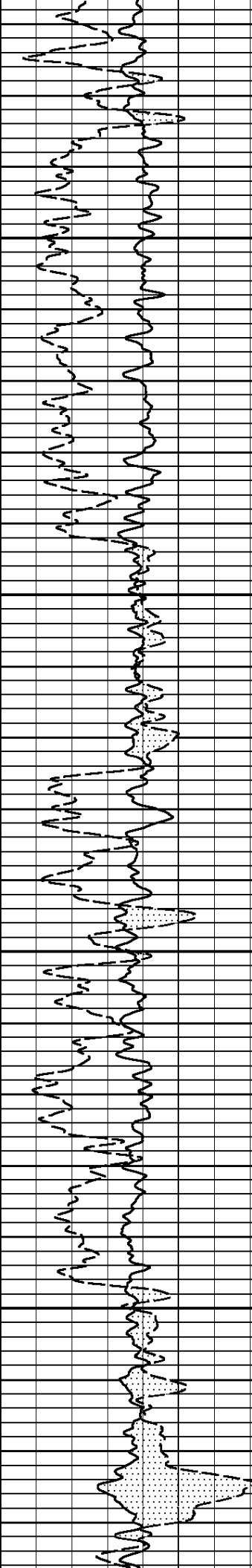
3300

3400

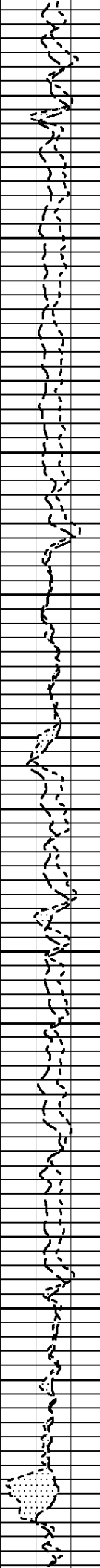
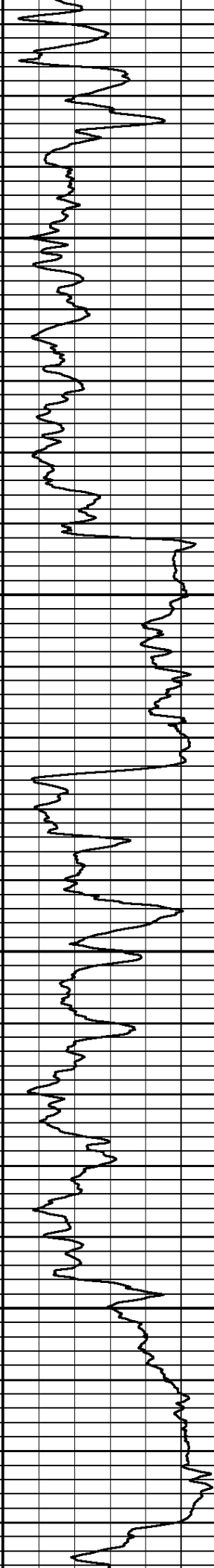




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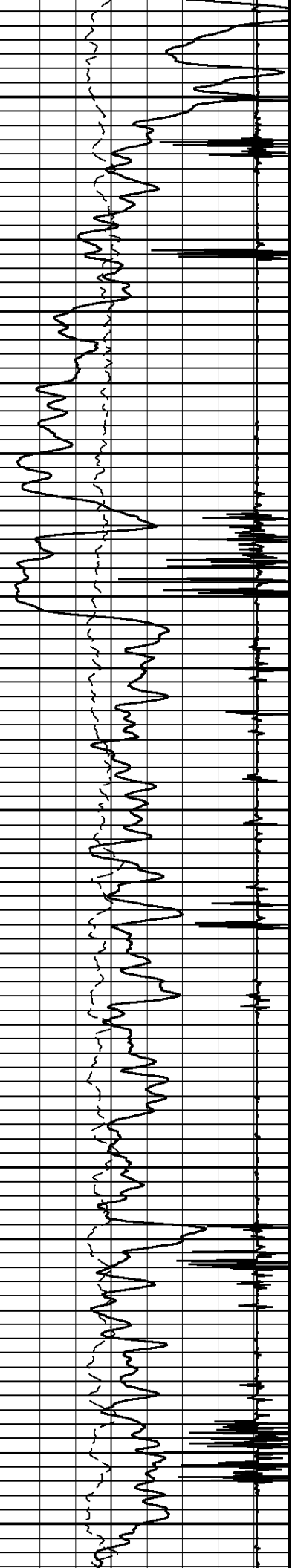
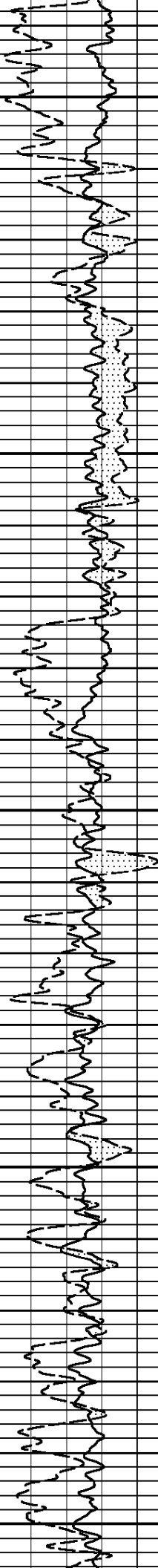
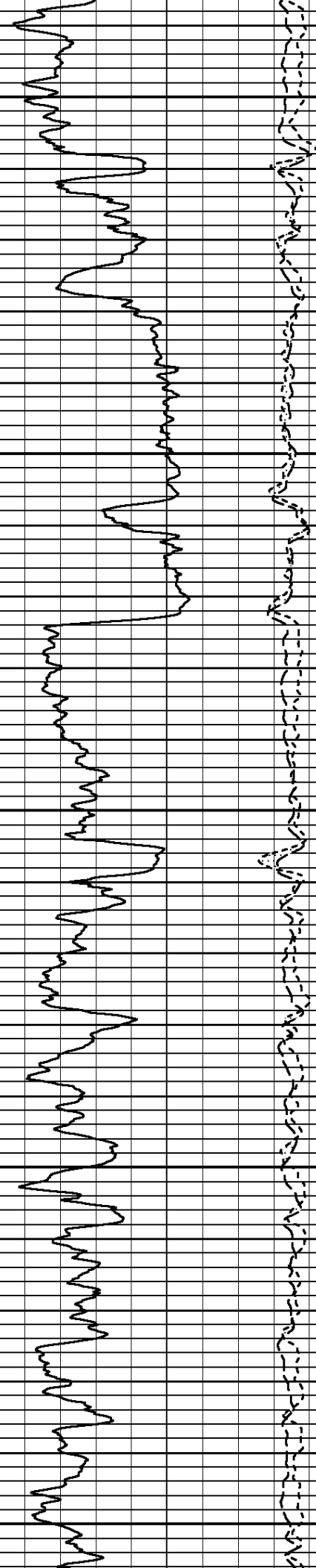
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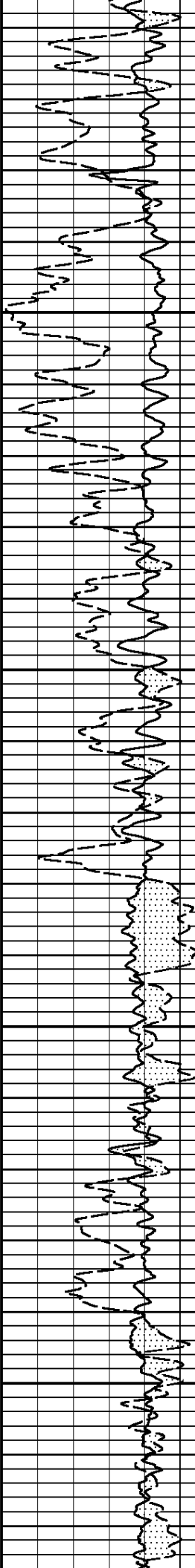
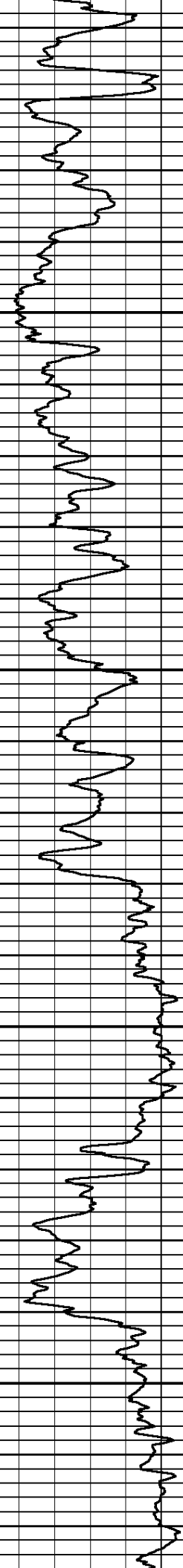
3700

3800

3900

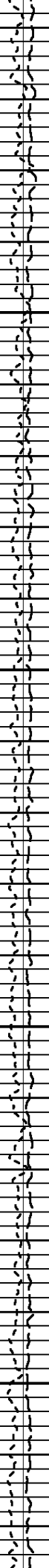
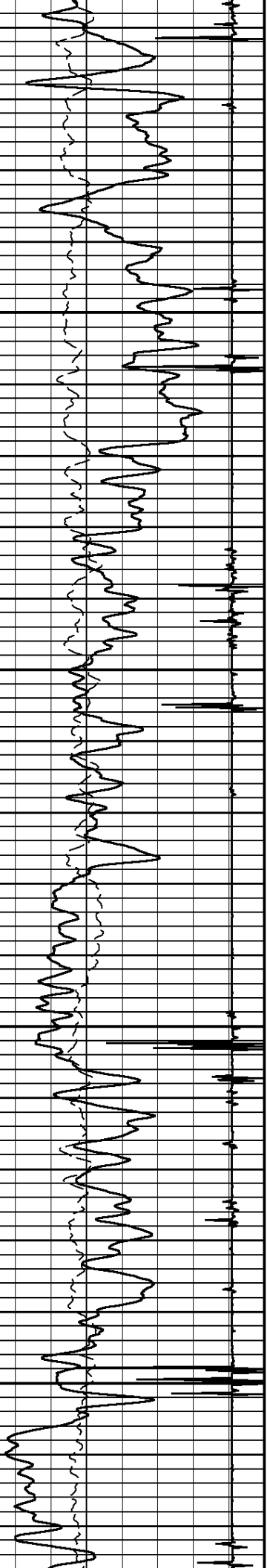


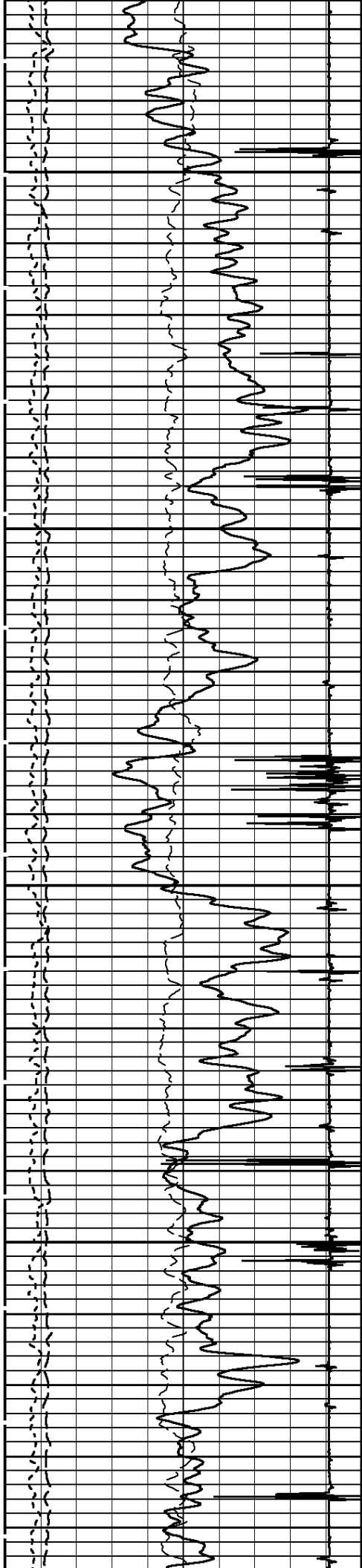
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4000

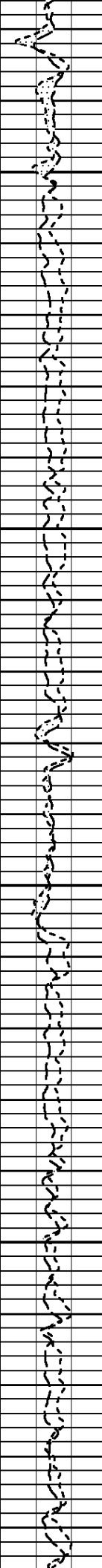
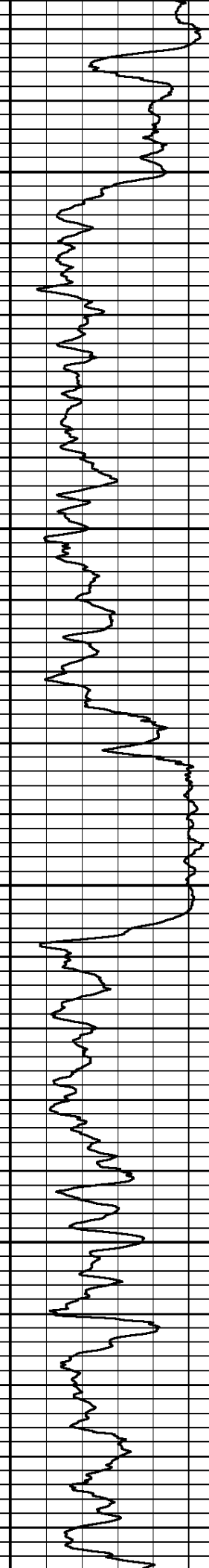
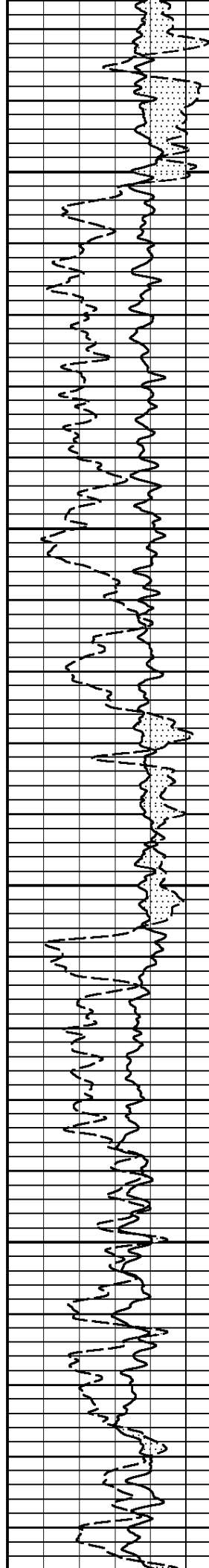
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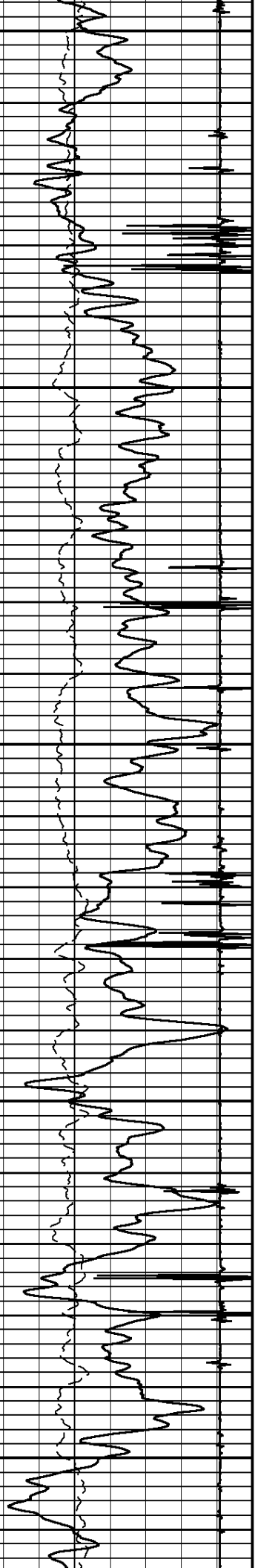




4200

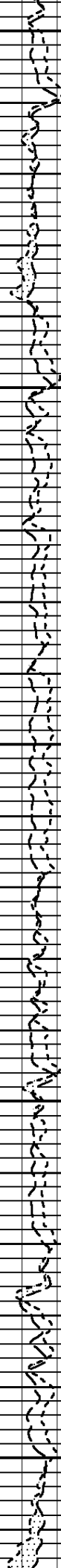
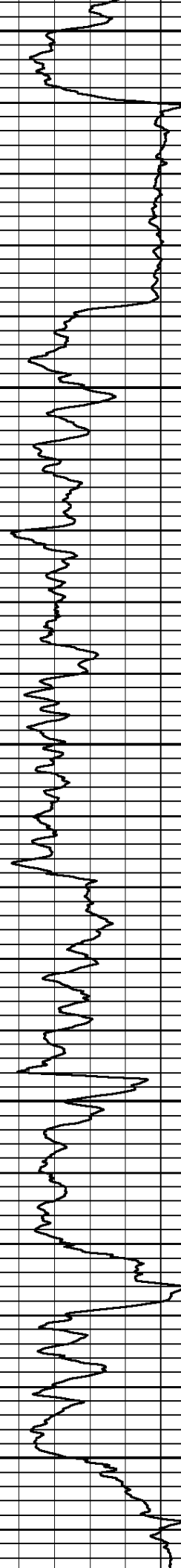
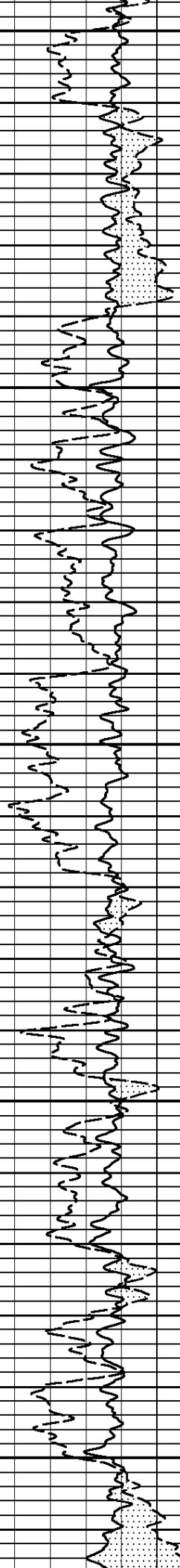
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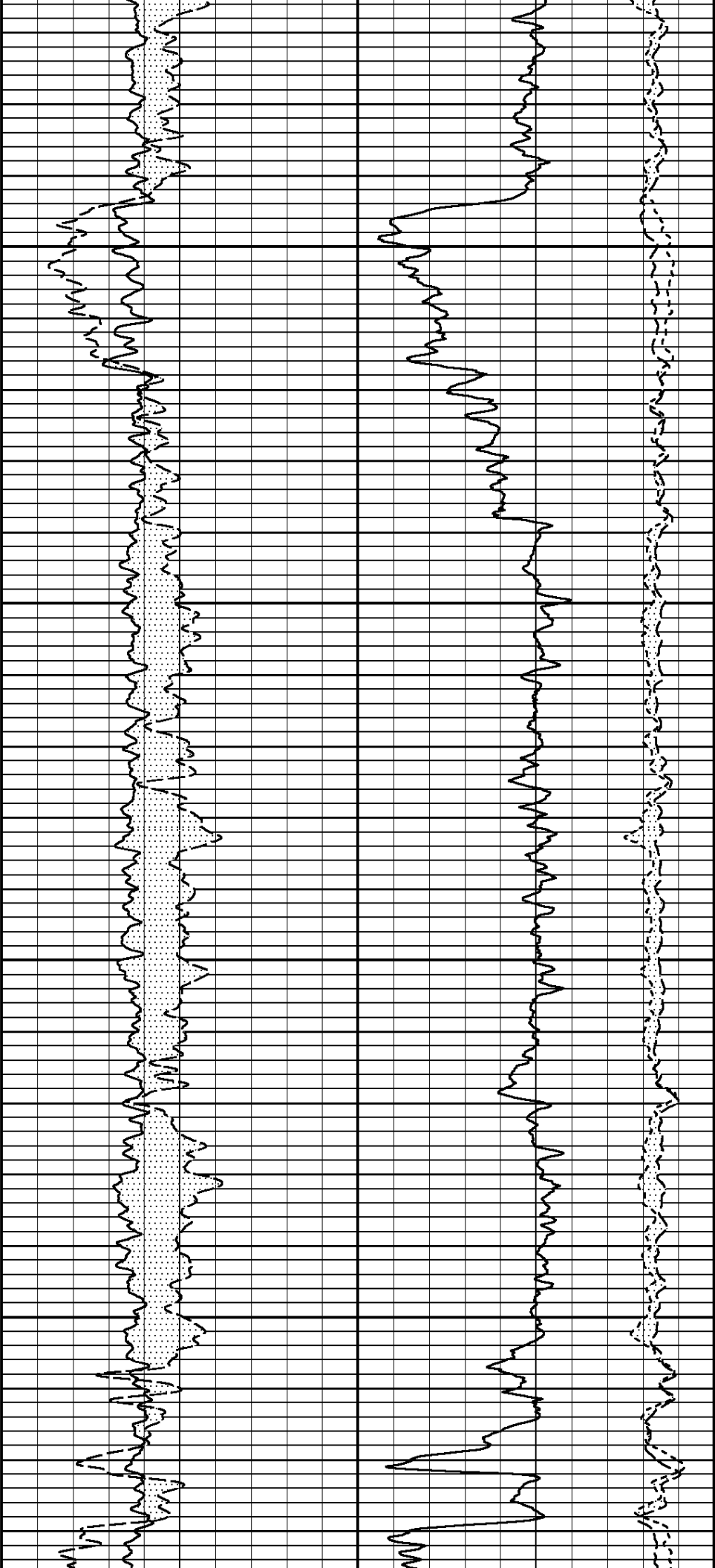
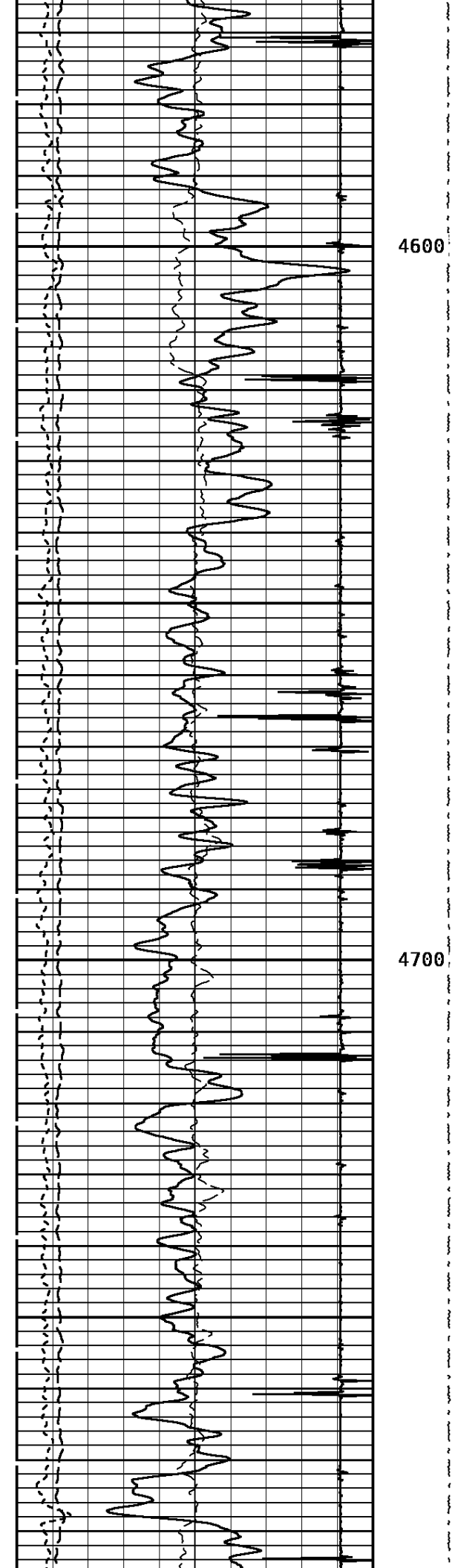


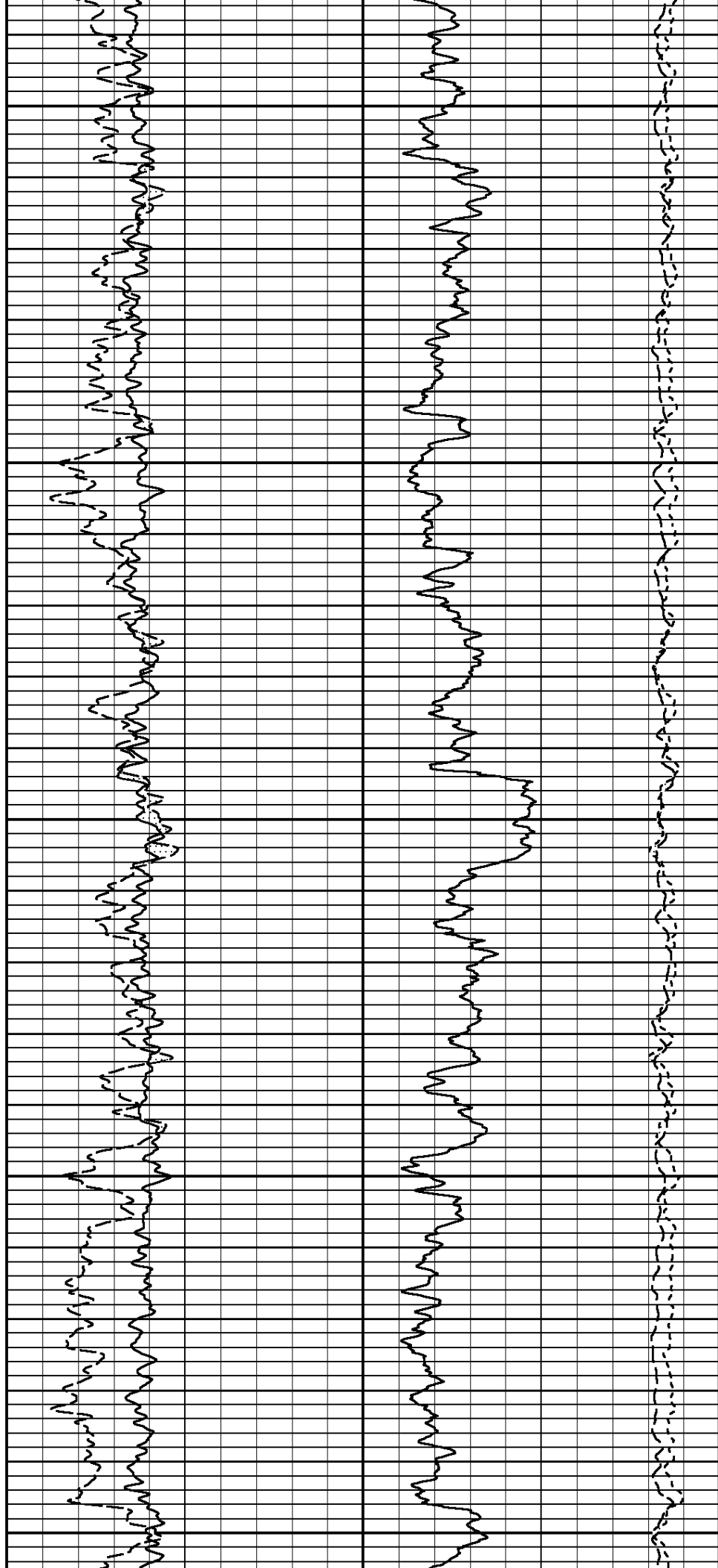
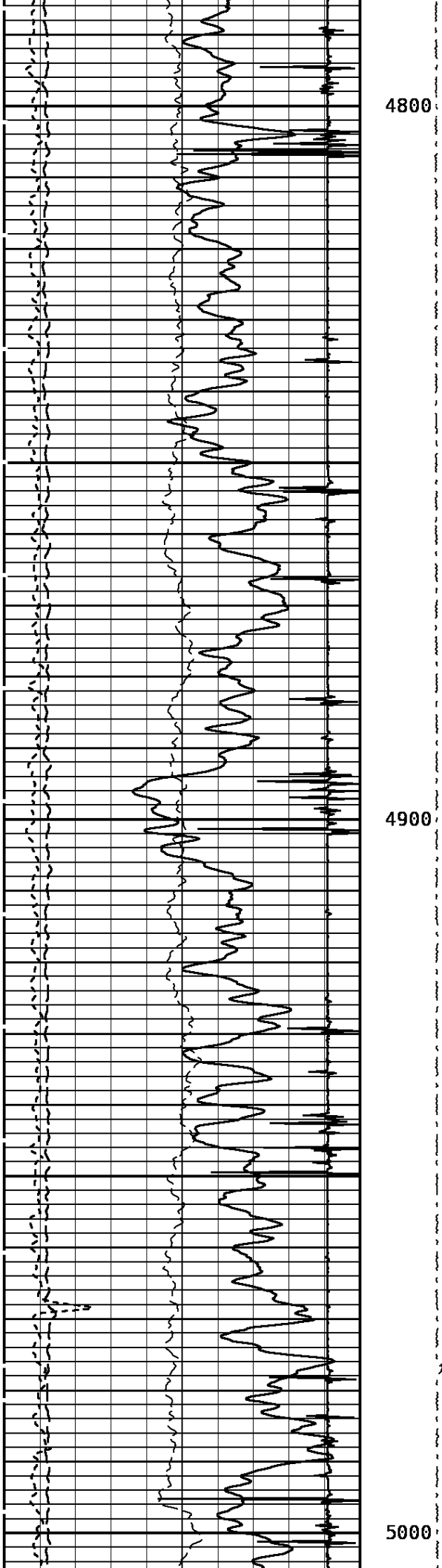


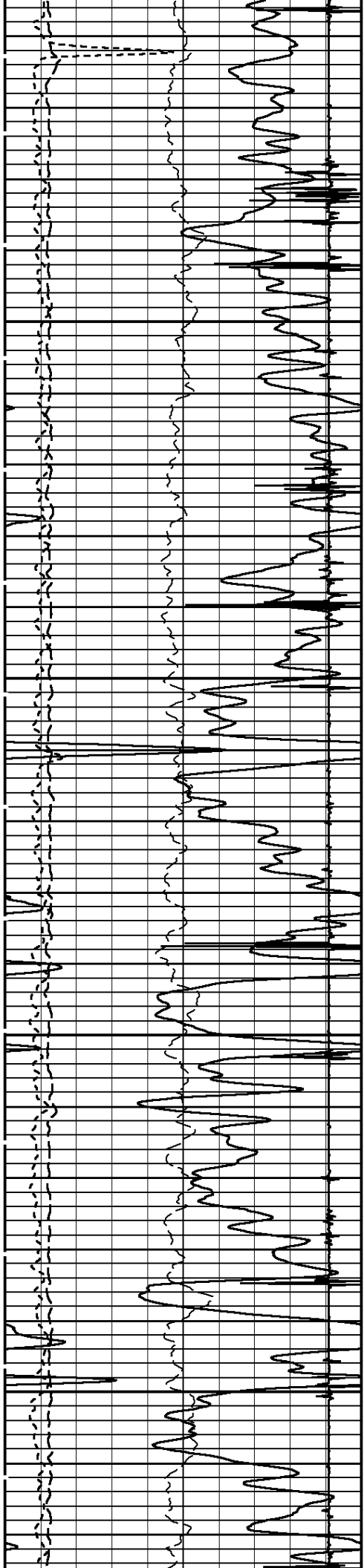
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4500

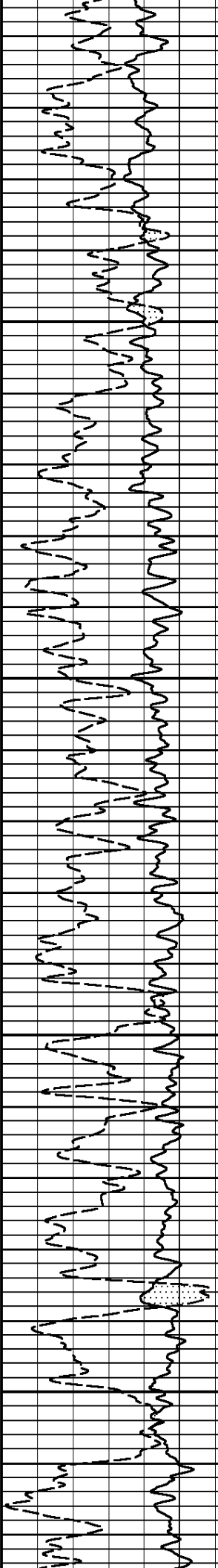




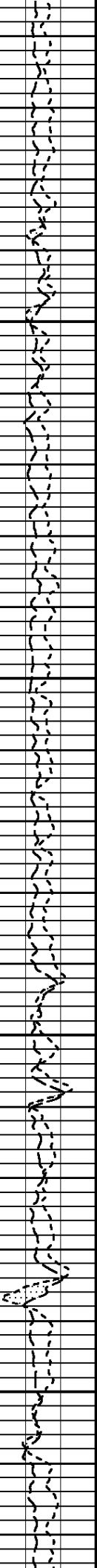
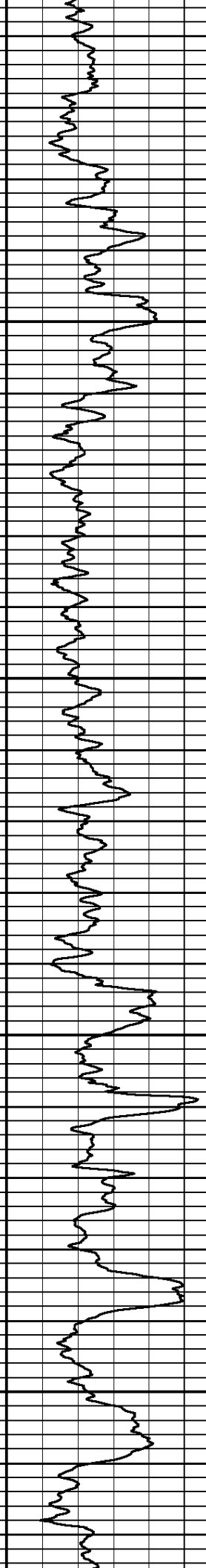


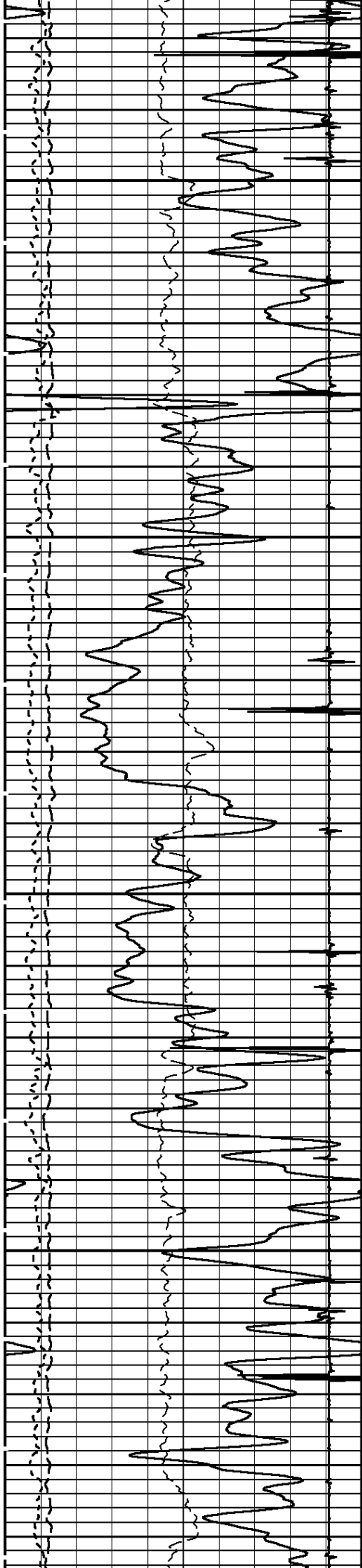


5100

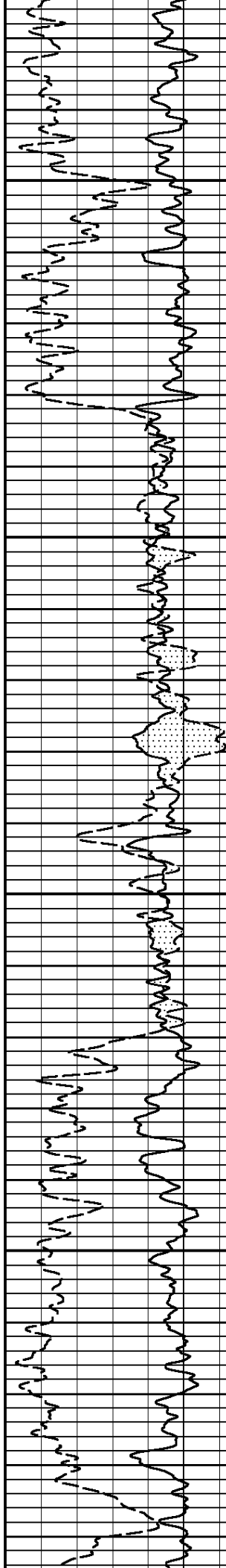


5200

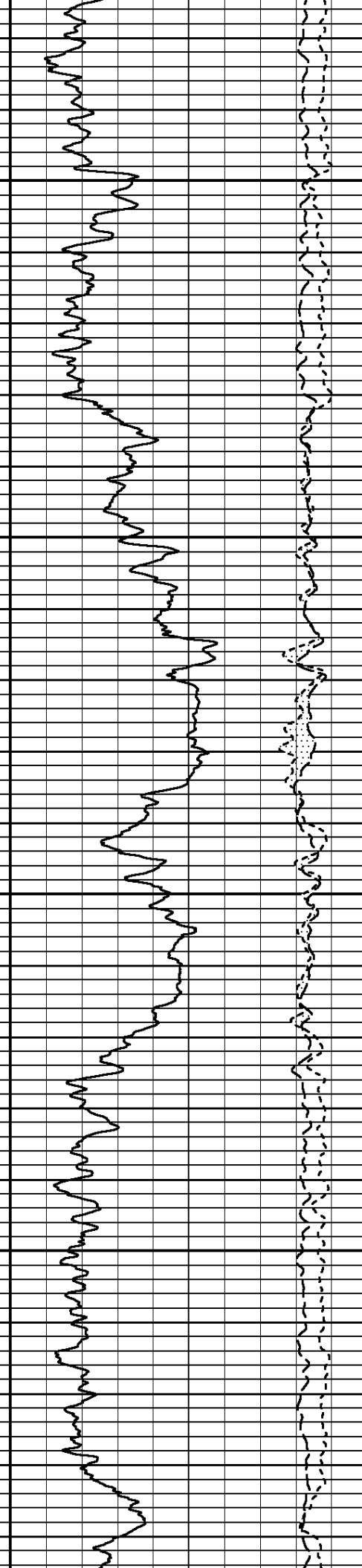




5300

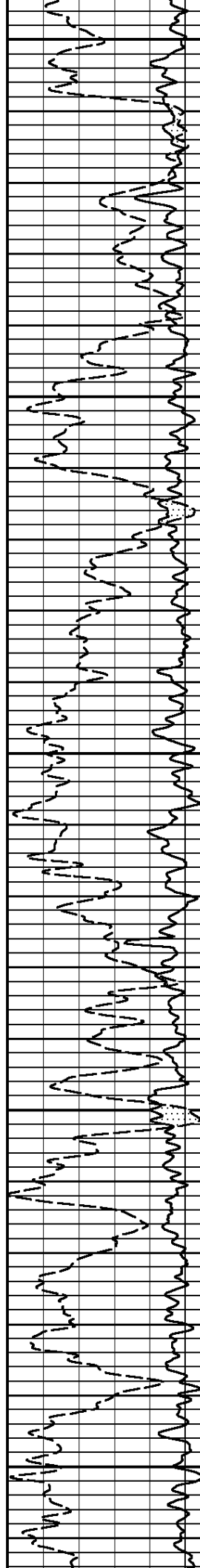


5400

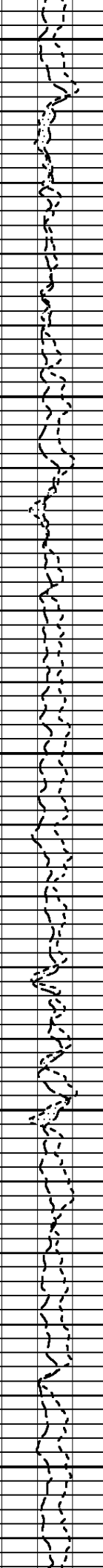
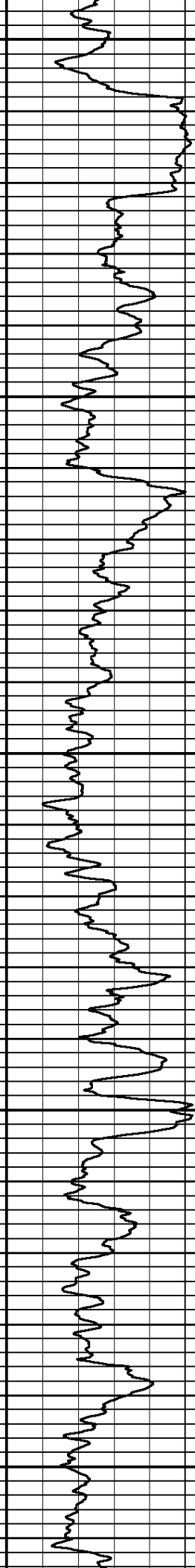


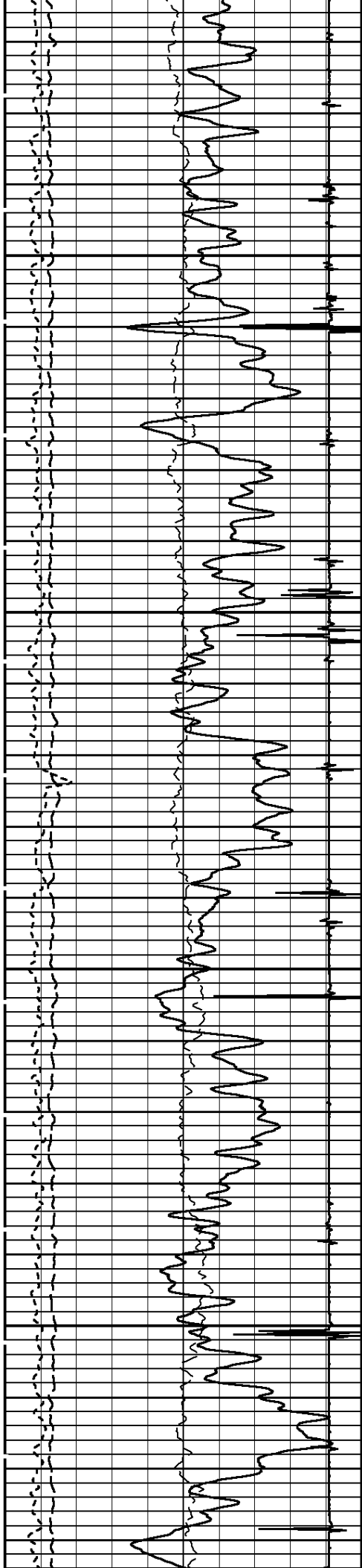


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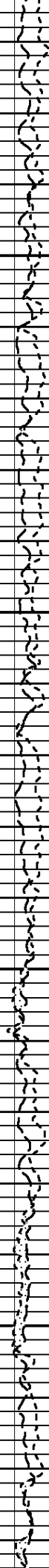
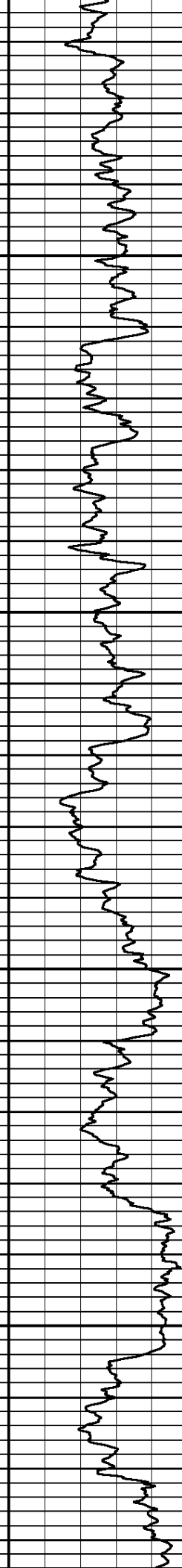
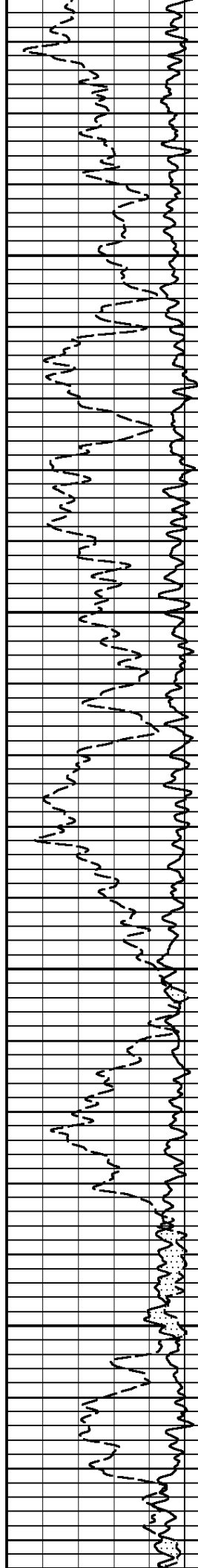
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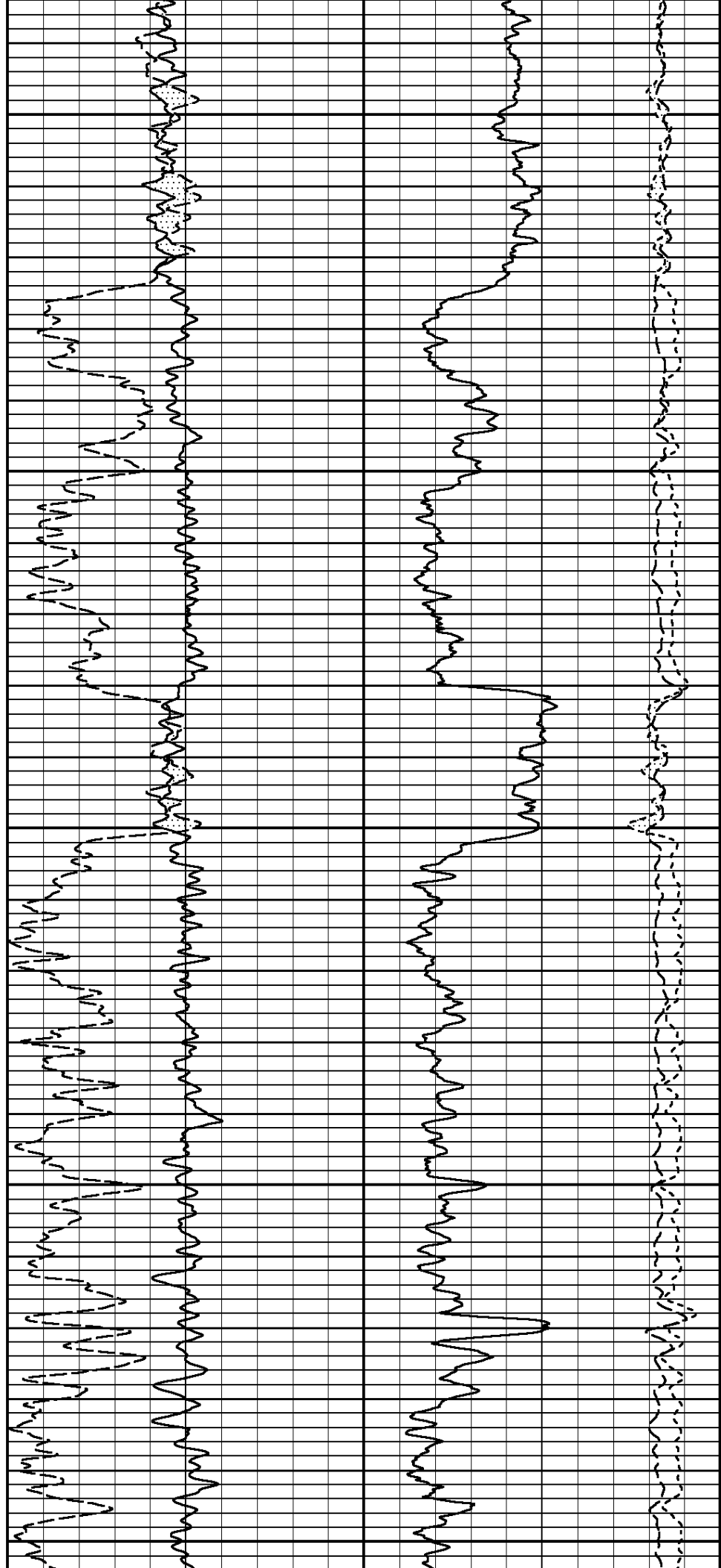
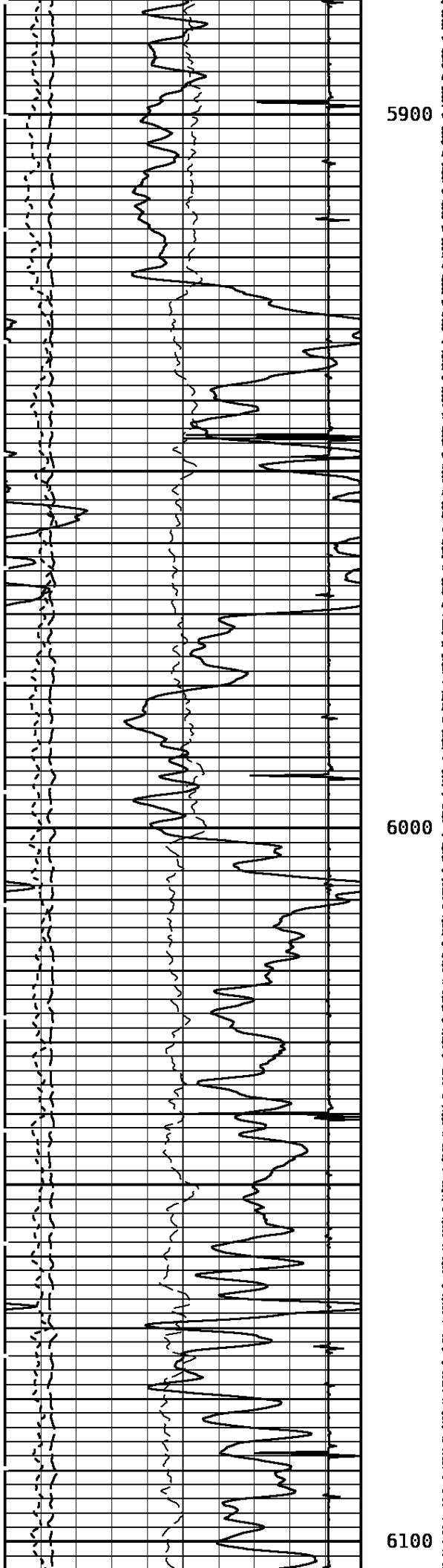




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5800

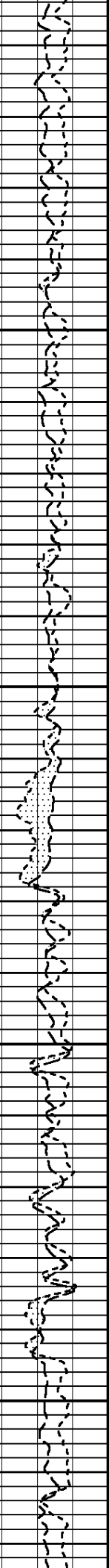
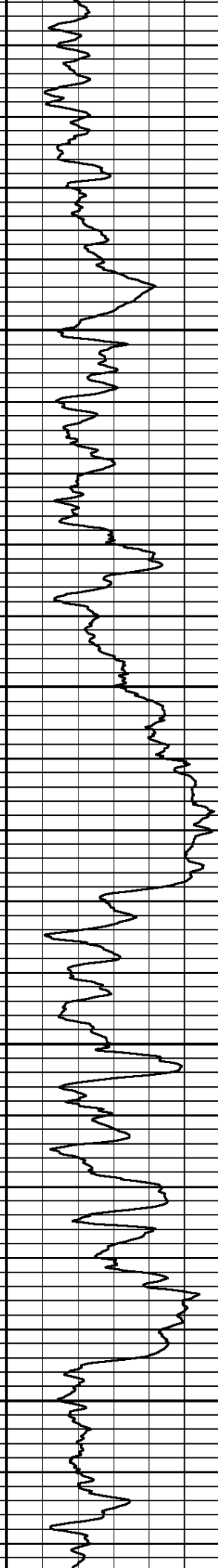
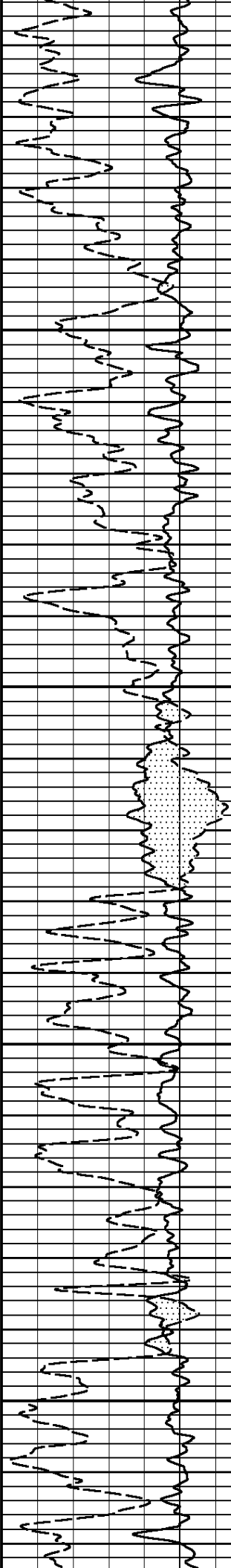


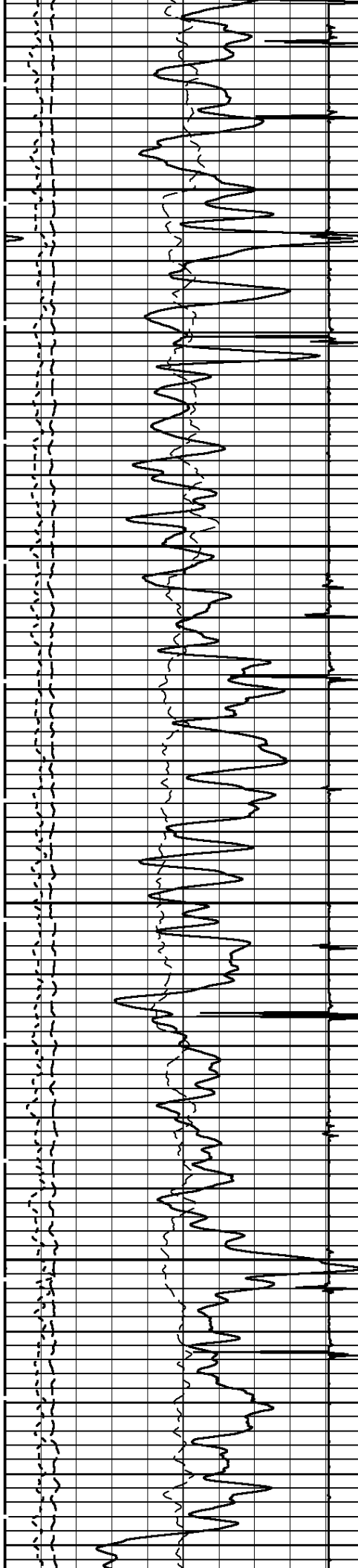




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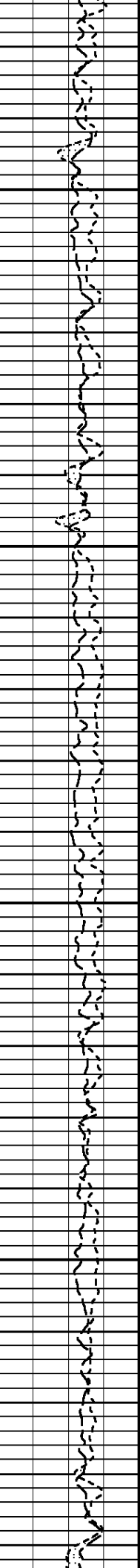
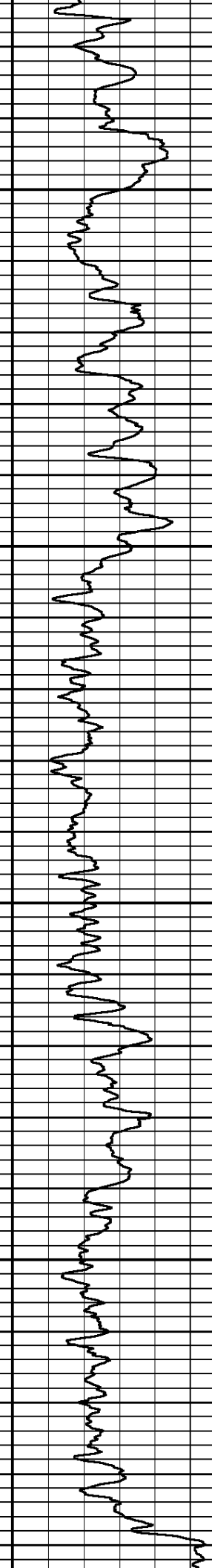
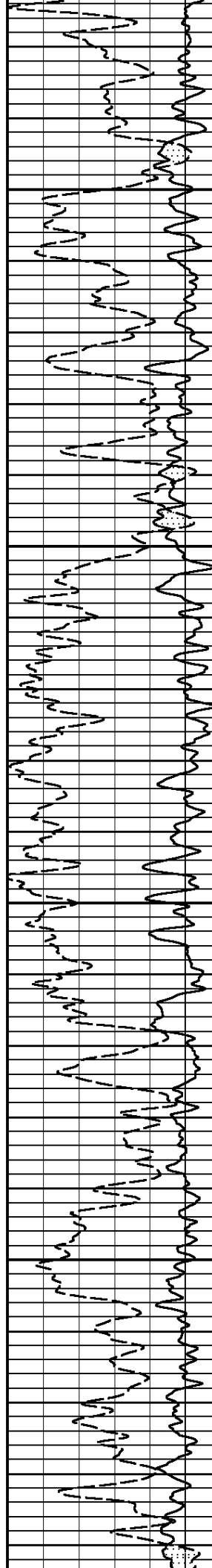
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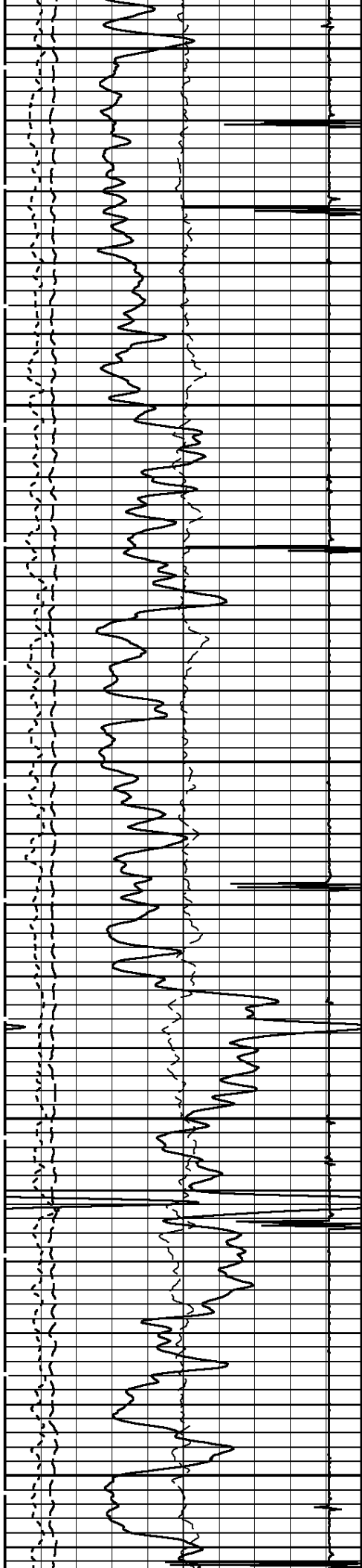




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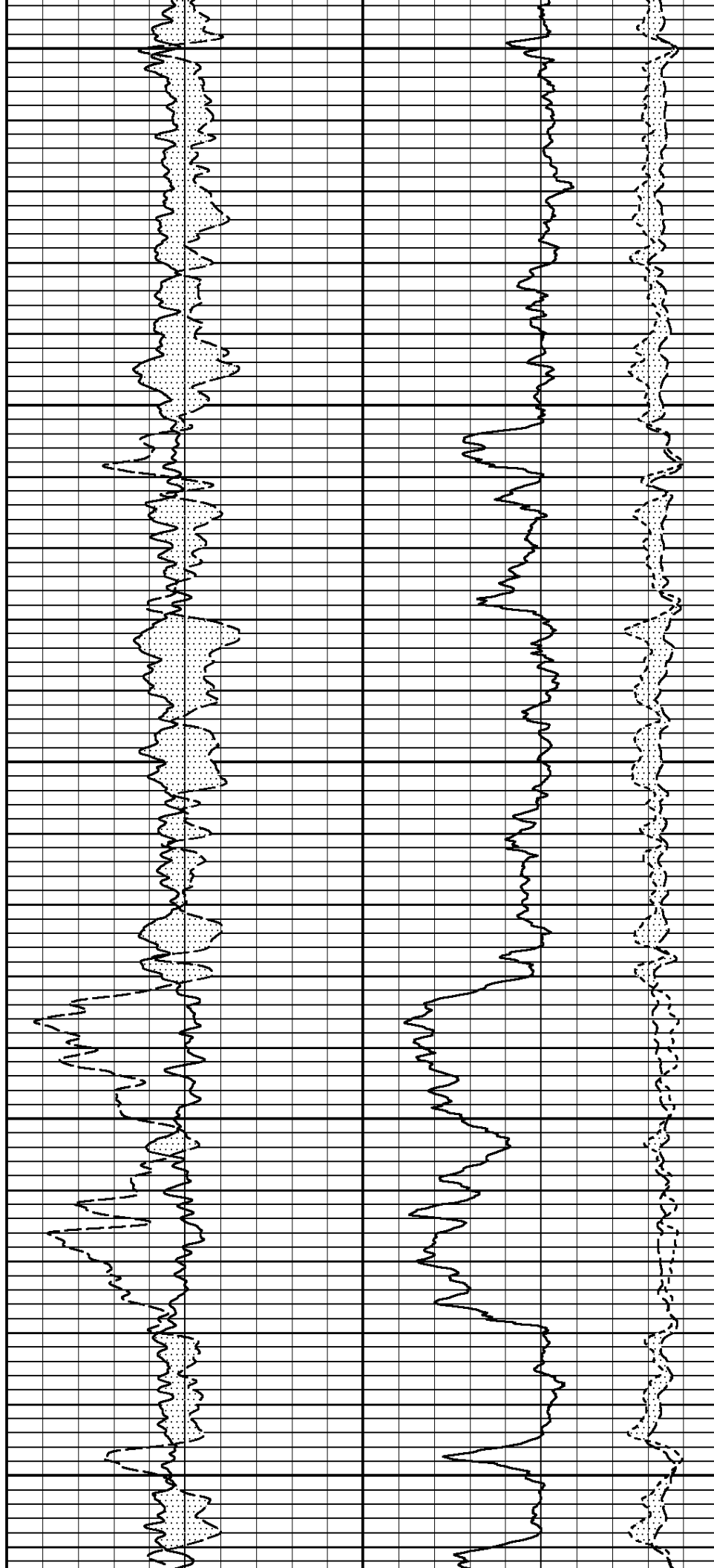
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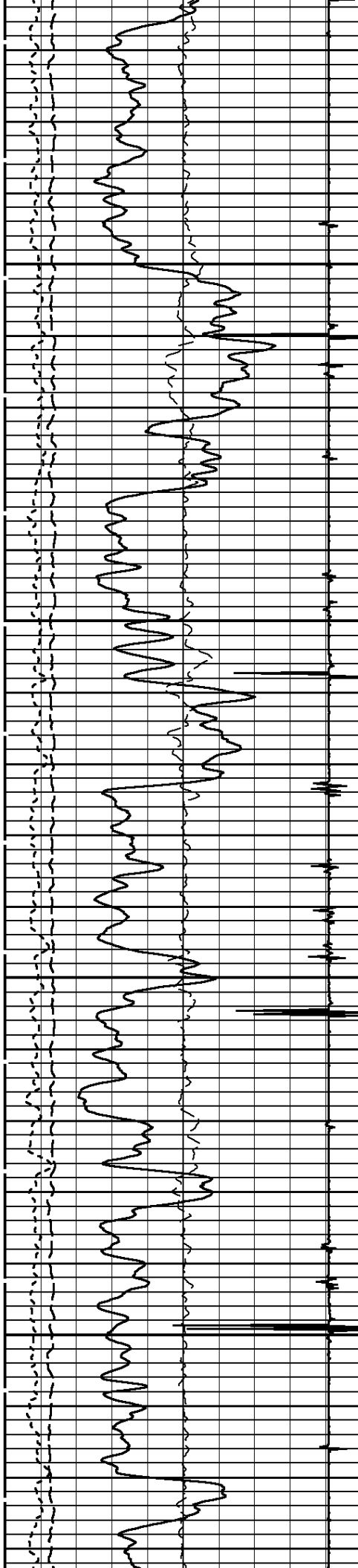




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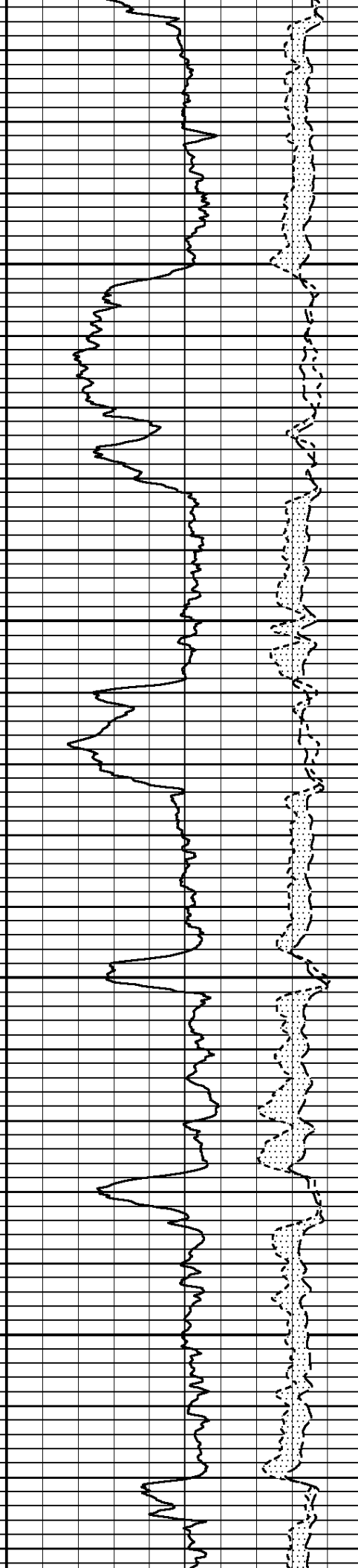
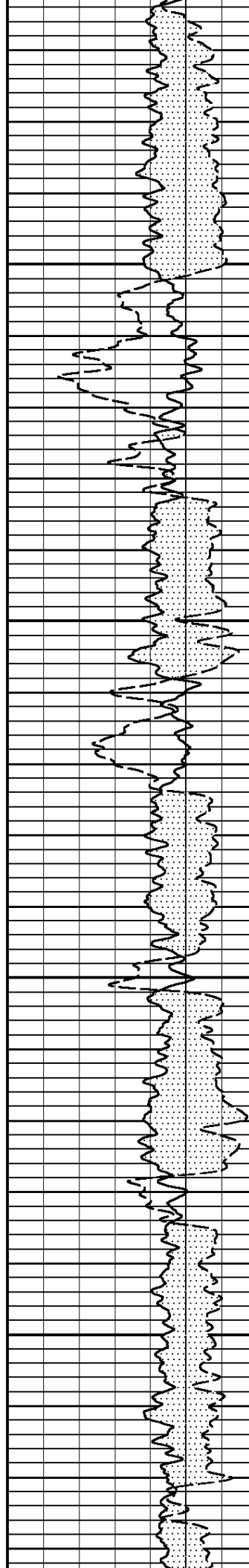
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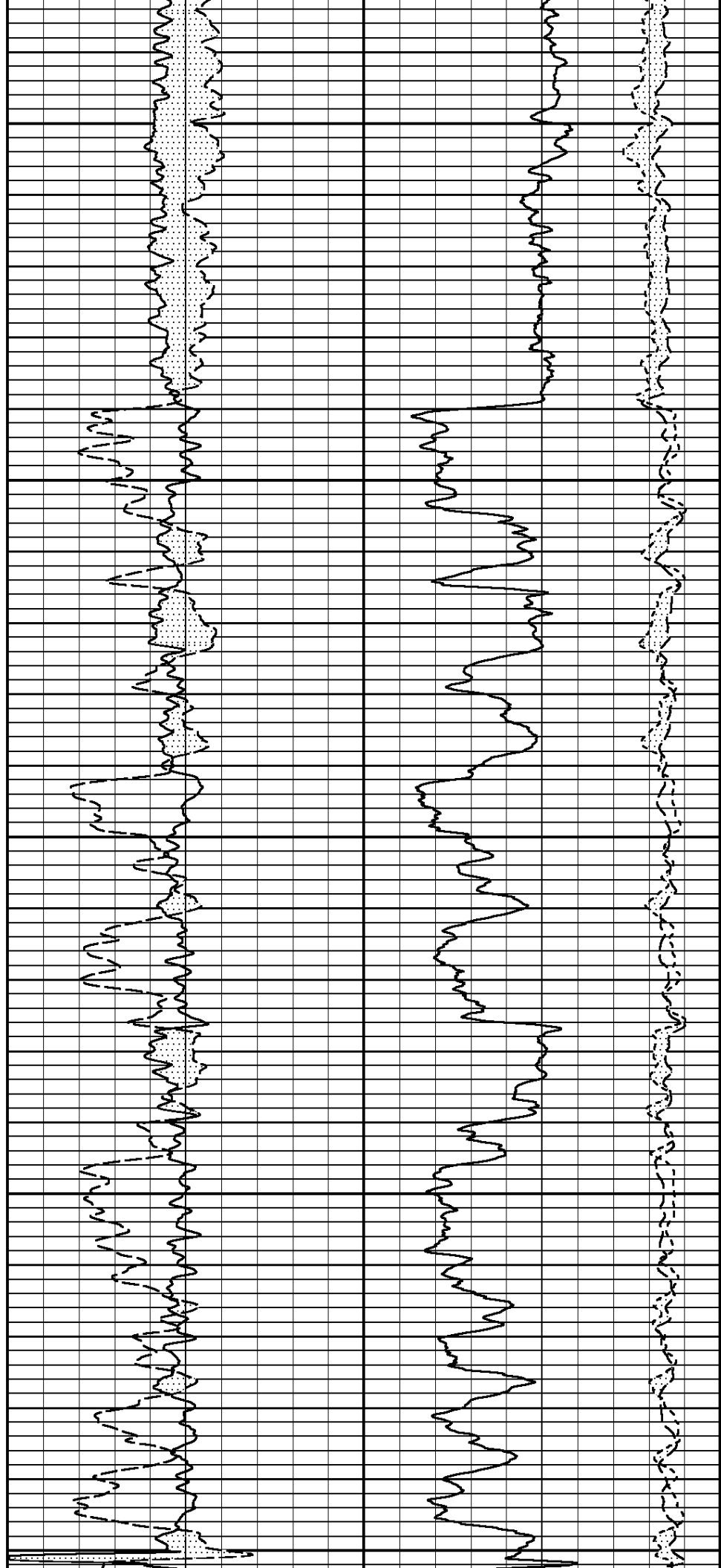
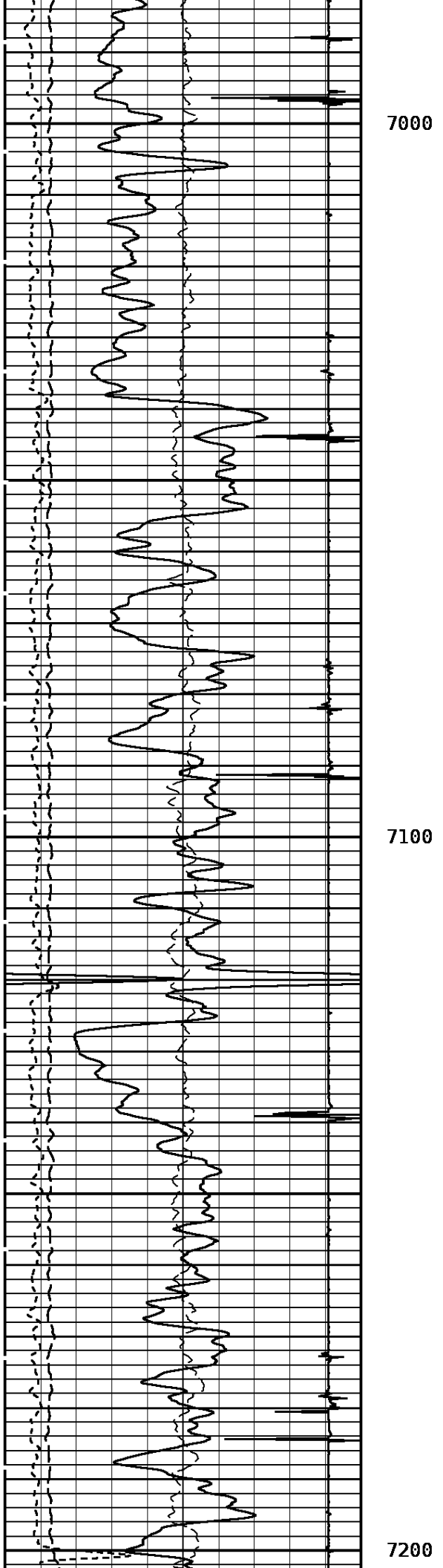


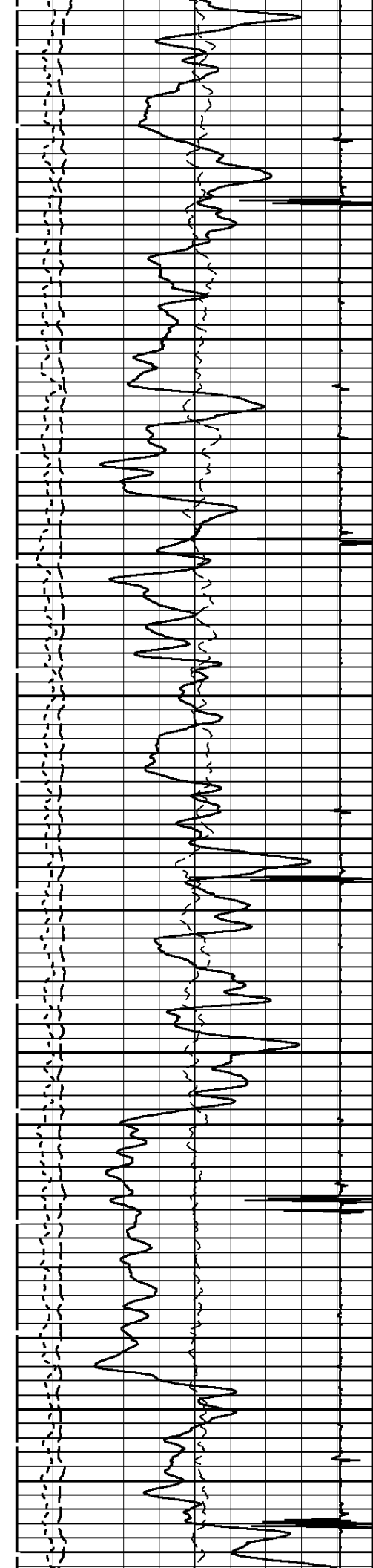


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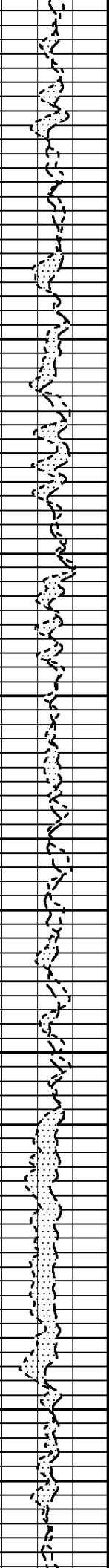
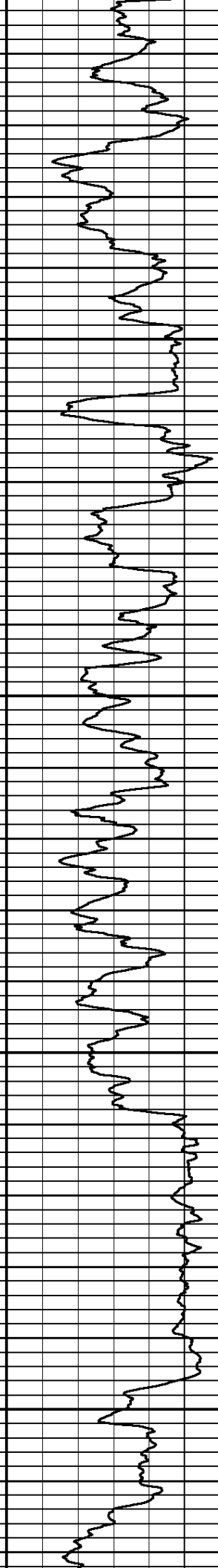
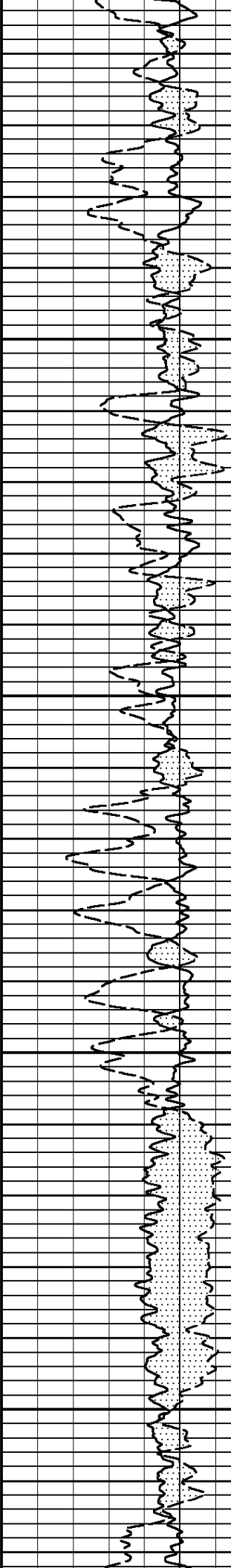


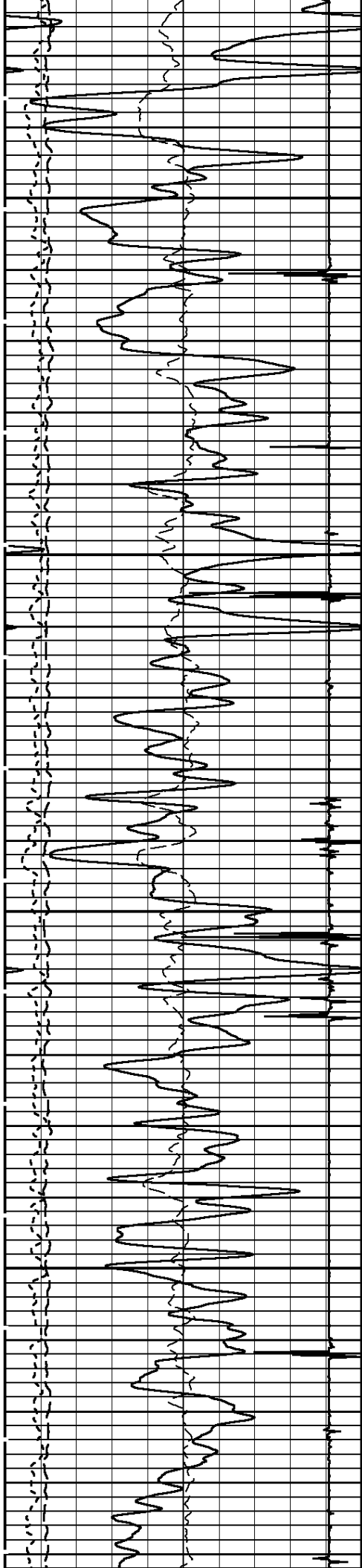




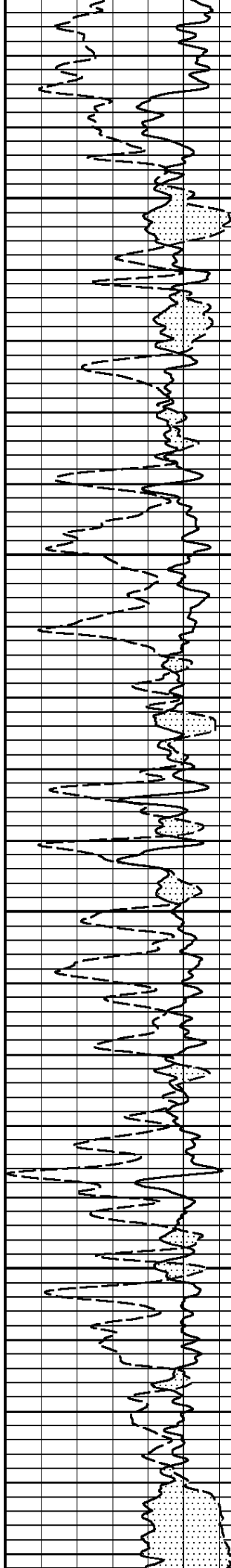
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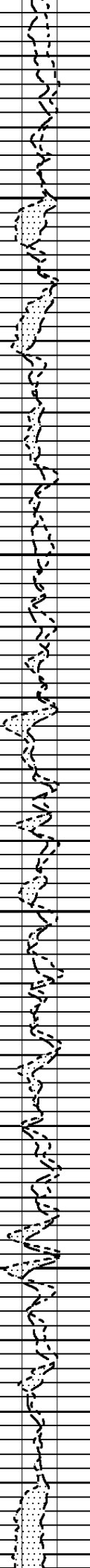
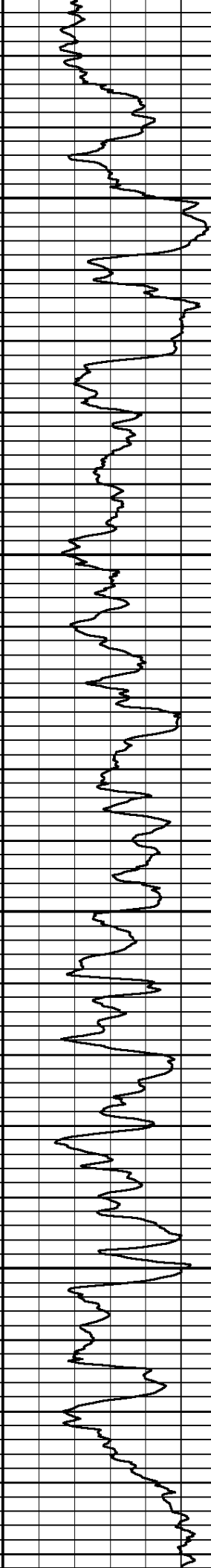




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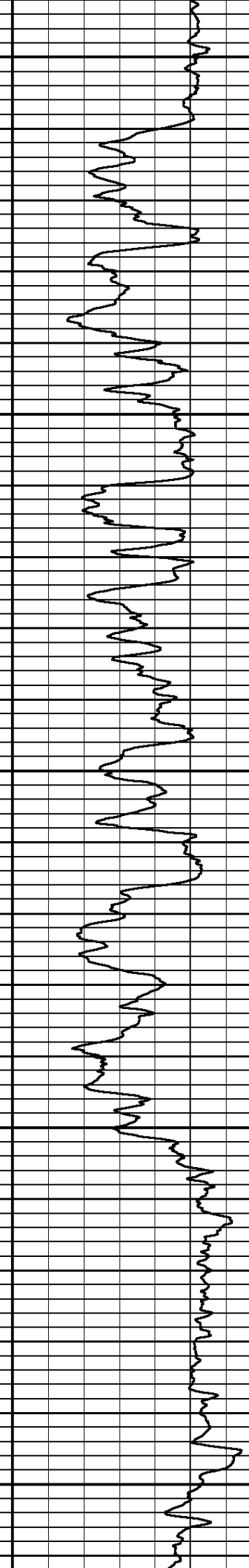
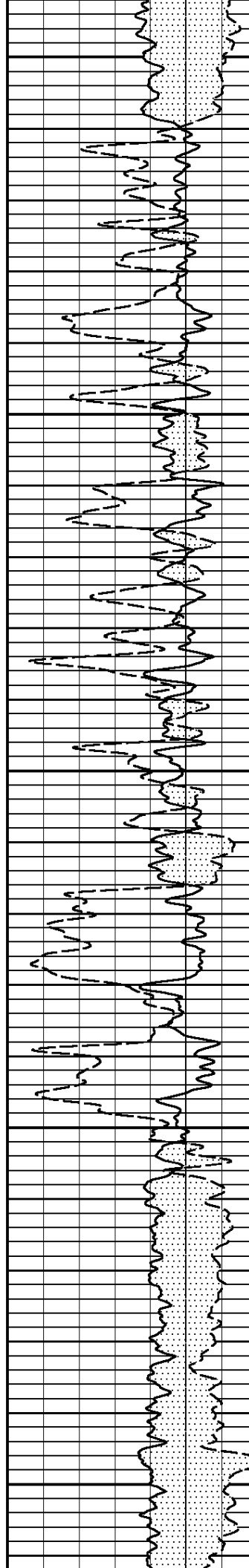
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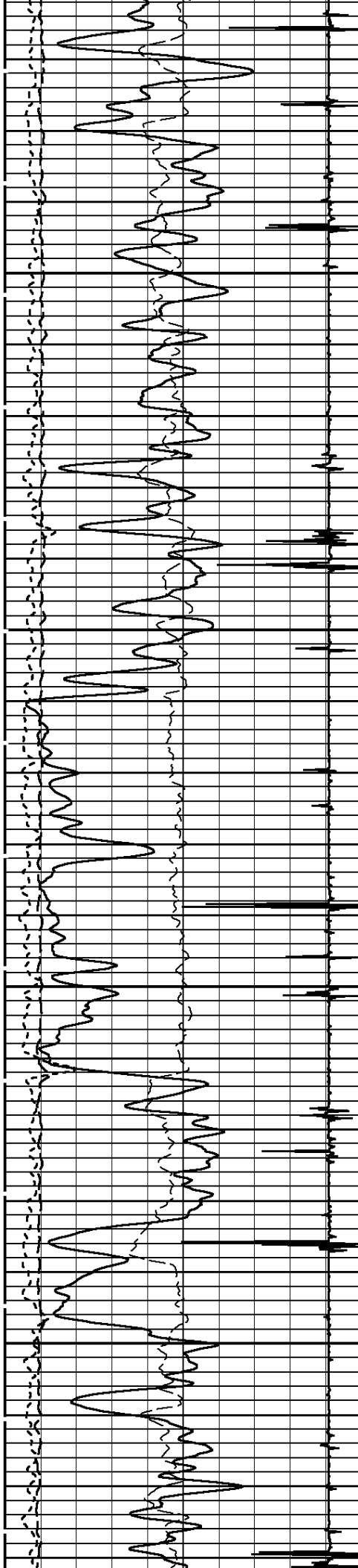




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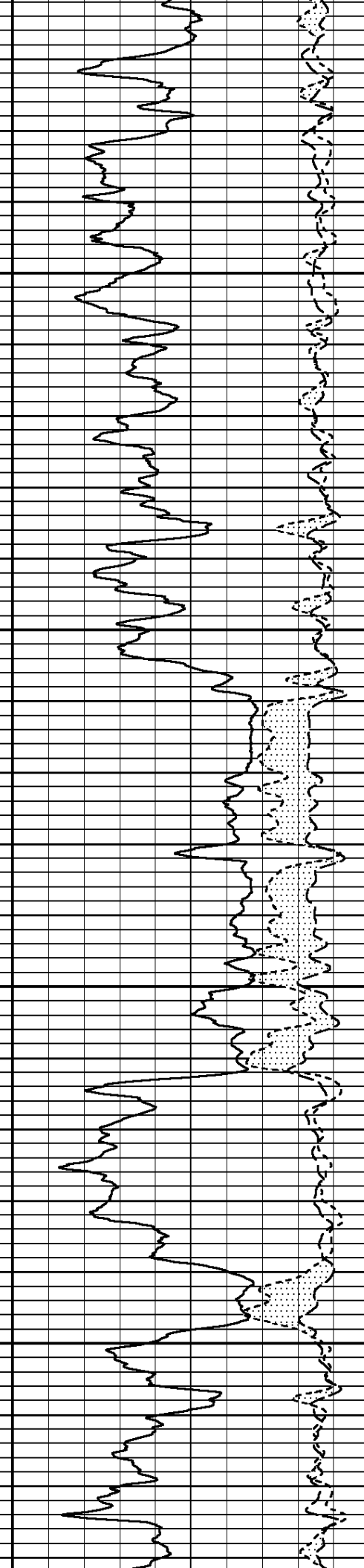
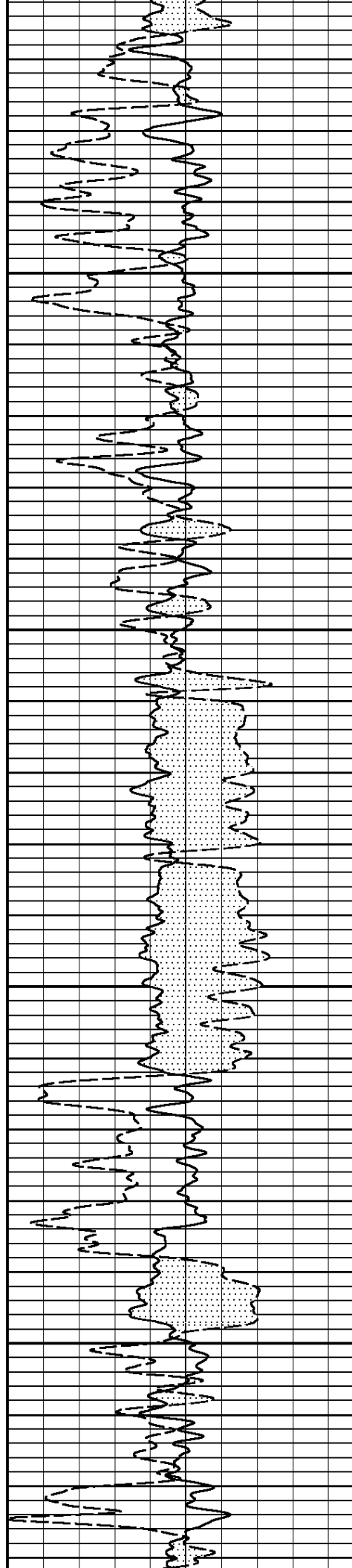
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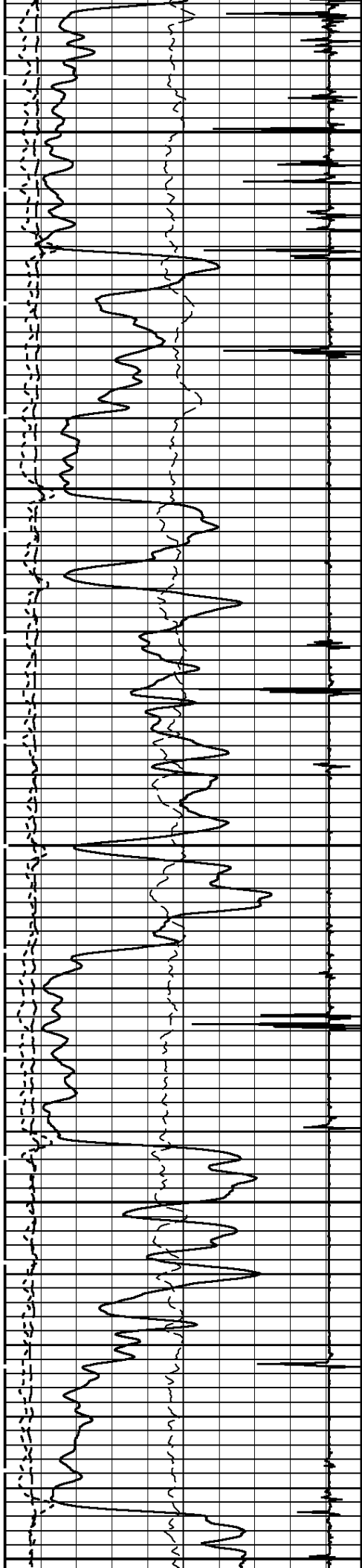




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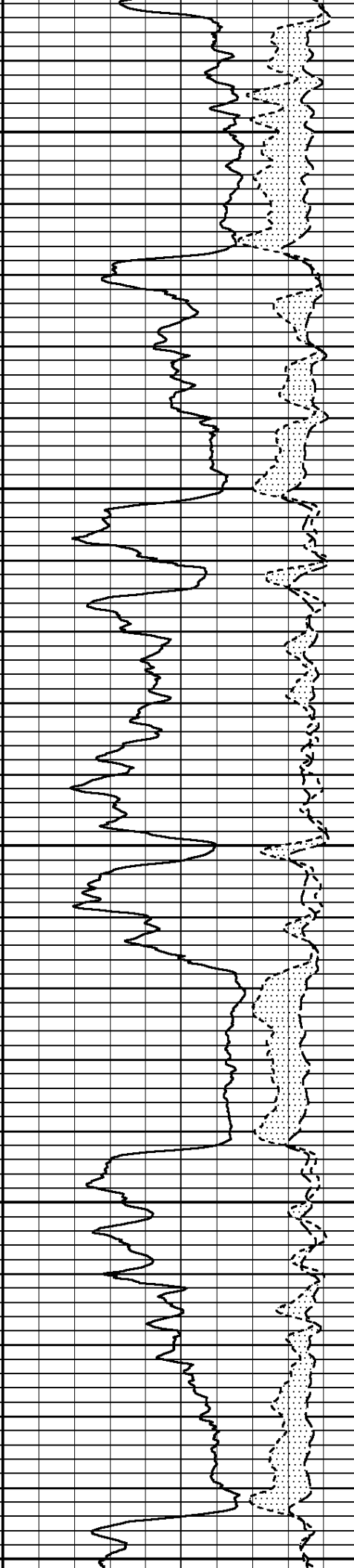
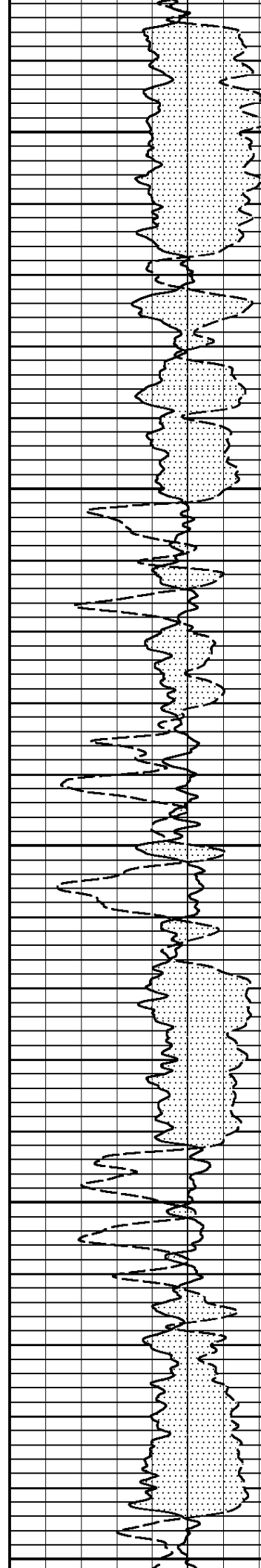


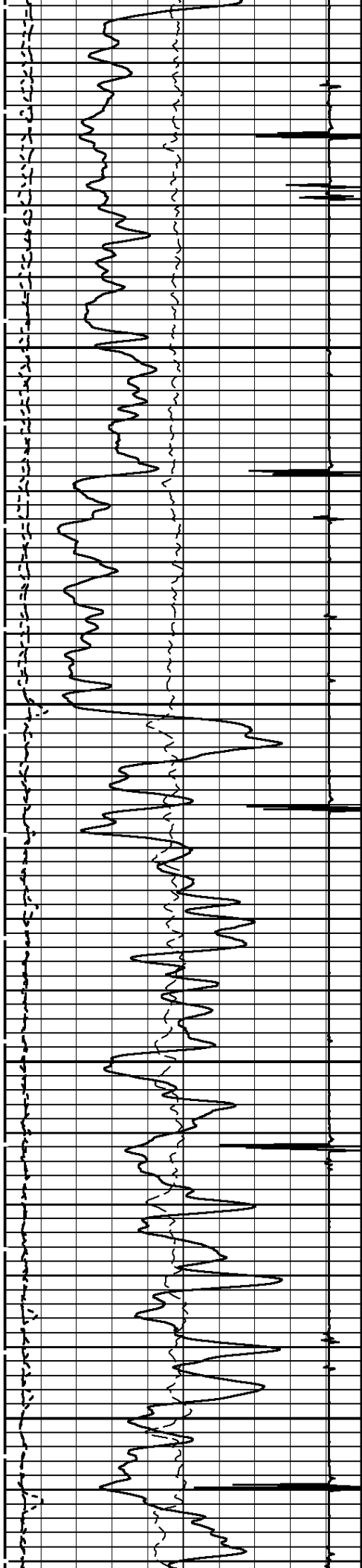


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8200

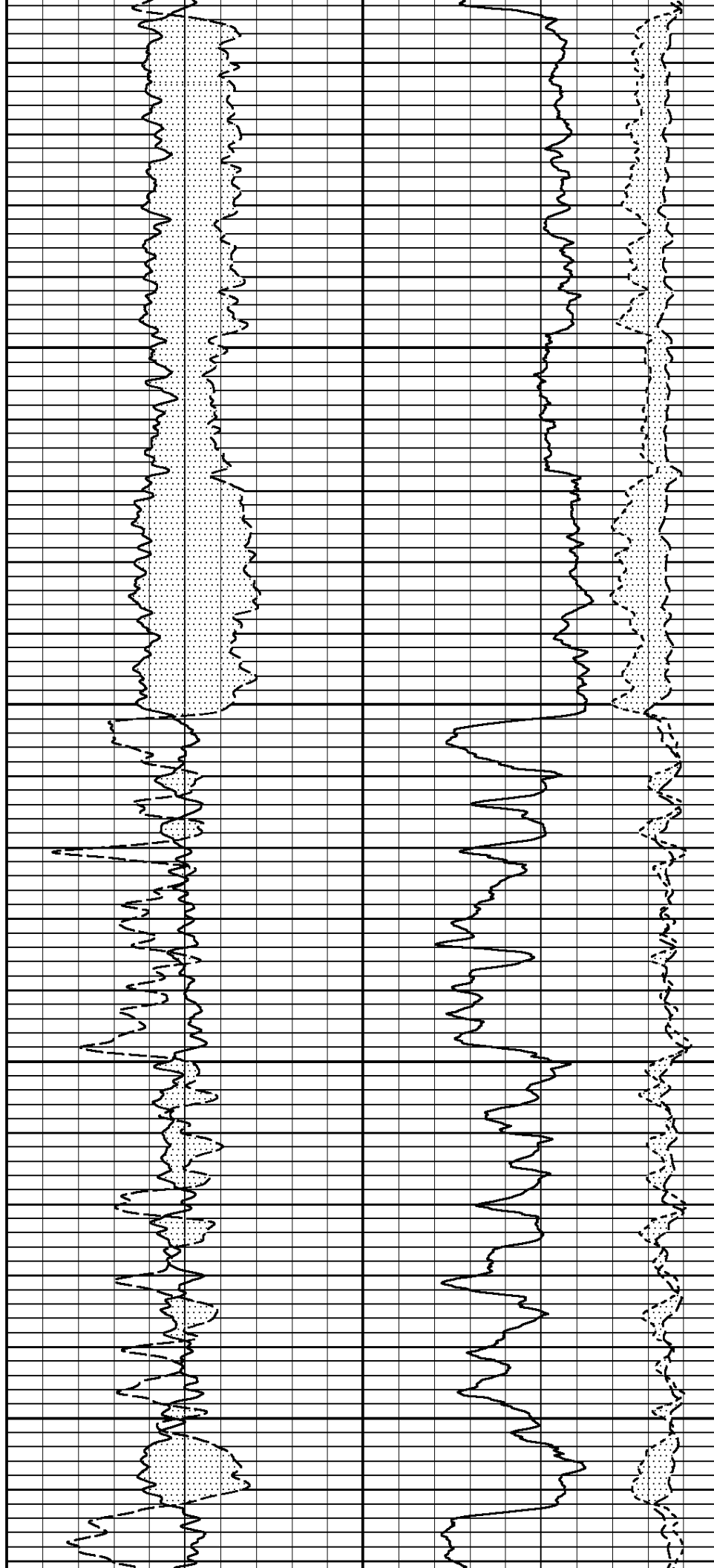
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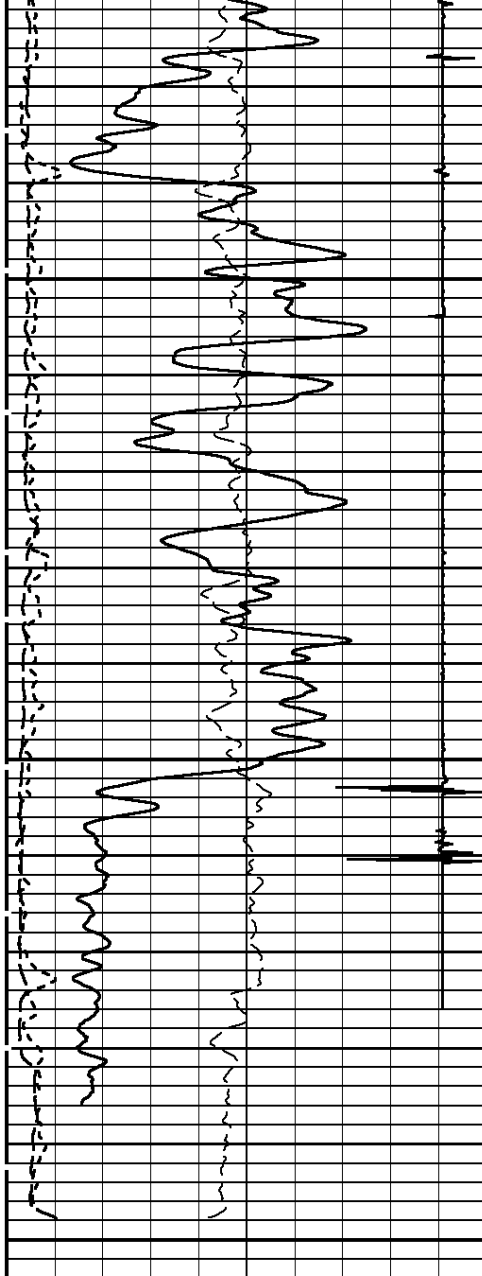




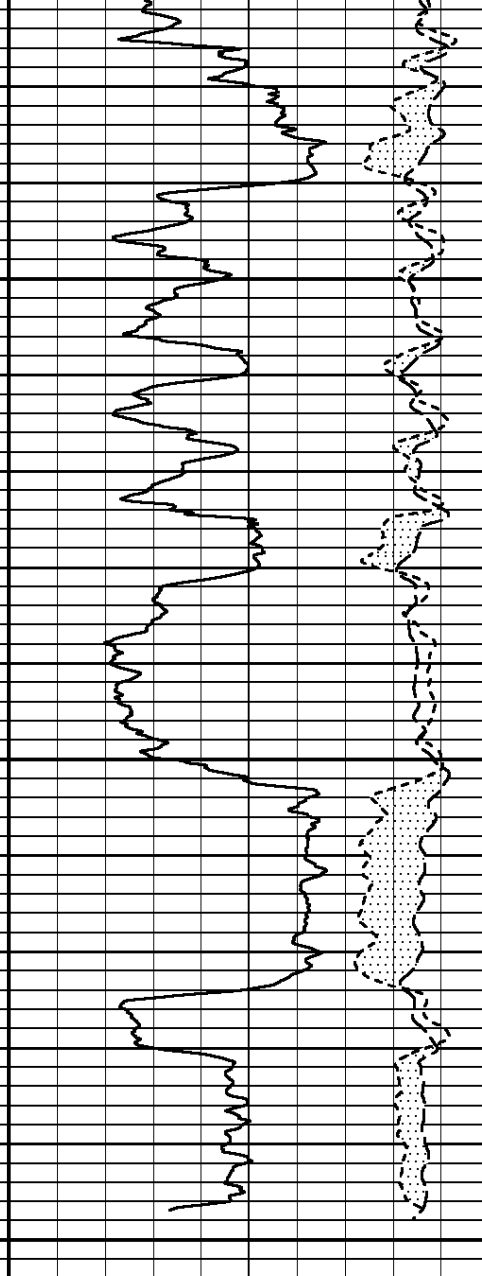
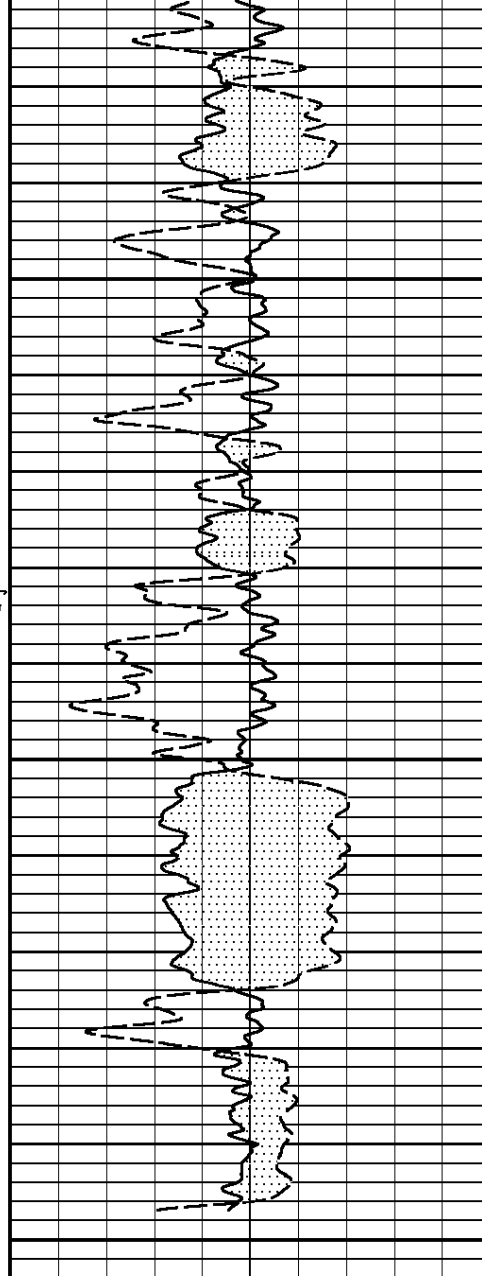
8400

8500





8600



BGD NEAR			Tension	Formation Sigma		
0.0	18000.0	0		1000	60.0	0.0
BGD FAR				RATIO		
0.0	3000.0	5.0		0.0	120.0	Counts/Second 0.0
OUTPUT QUALITY				Ratio Bore n to f		
0.0	200000.0	5.0		15.0	20.0	Counts/Second 0.0
GAMMA RAY						
0	API	150				
CCL						
-9000	Millivolts	900				

START DEPTH: 8654.4 DIRECTION: UP DATE: 01/25/2008 TIME: 10:37 MODE: ORIGINAL
 RECOMPUTED DATE: 01/25/2008 TIME: 10:37

130916 PNDMAINFIN

MAIN PASS

DEPTH SCALE: 5":100'

VERSION: 71018127R"

REMARKS

REPEAT PASS LOGGED OVER BOTTOM 250 FEET OF WELL

DEPTH SCALE: 5":100'

VERSION: 71018127R"

REPEAT PASS

130916 PNDREPFIN

FINISH DEPTH: 8382.5 Feet DIRECTION: UP DATE: 01/25/2008 TIME: 17:25 MODE: ORIGINAL
RECOMPUTED DATE: 01/25/2008 TIME: 17:25

CCL

-9000 Millivolts 900

GAMMA RAY

0 API 150

OUTPUT QUALITY

0.0 200000.0

BGD FAR

0.0 3000.0

BGD NEAR

0.0 18000.0

Ratio Bore n to f

5.0 15.0

RATIO

5.0 0.0

FAR 1

20.0 Counts/Second 0.0

NEAR 1

120.0 Counts/Second 0.0

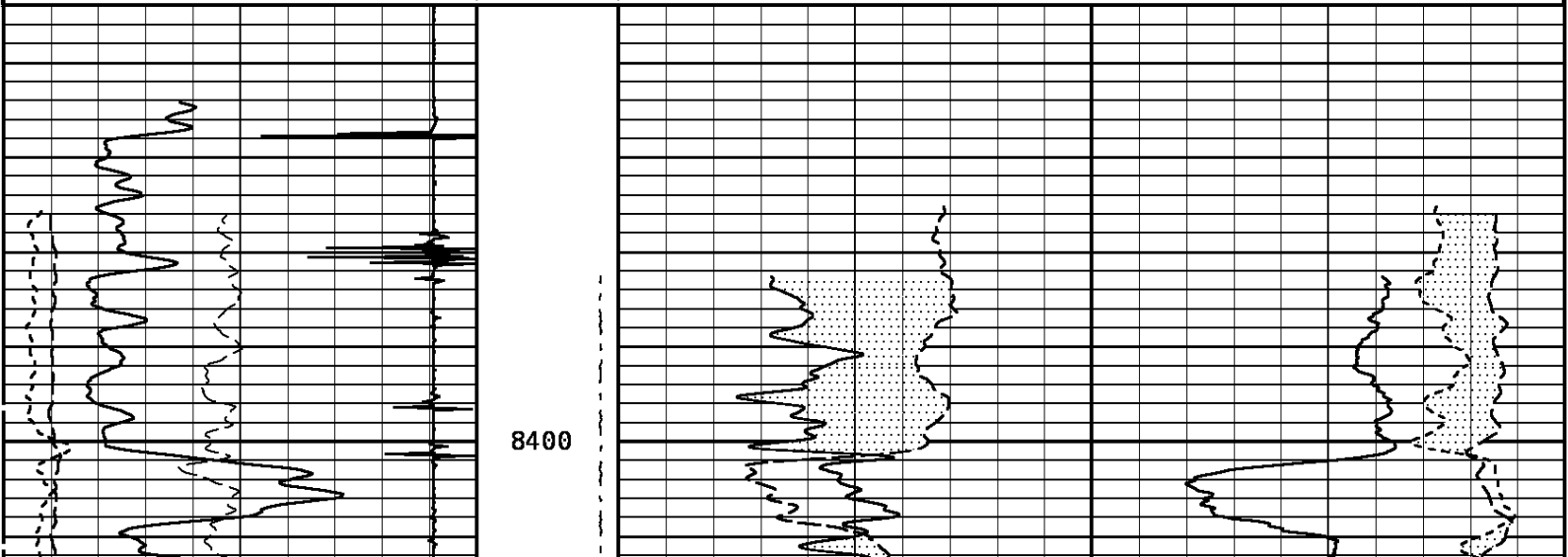
Tension

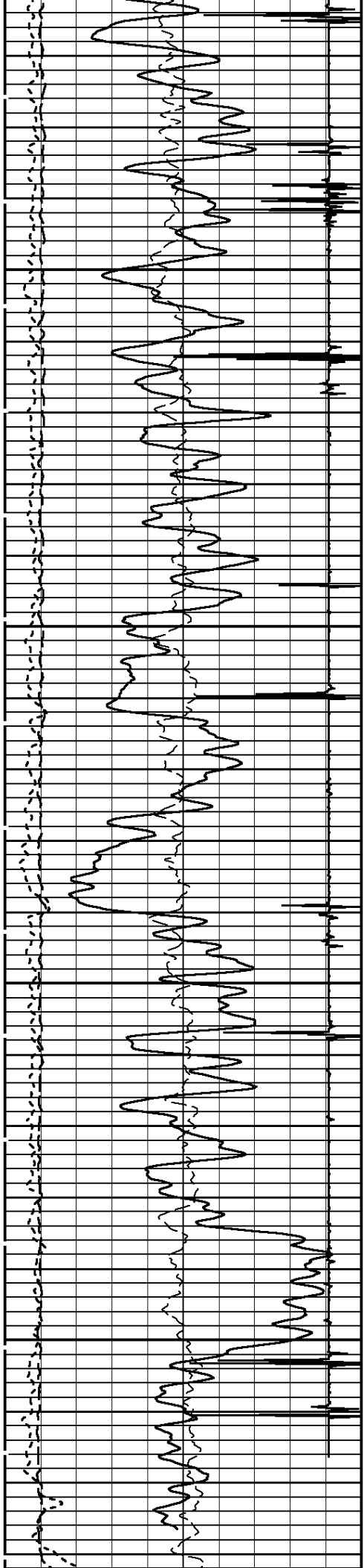
0 1000

Formation Sigma

60.0 0.0

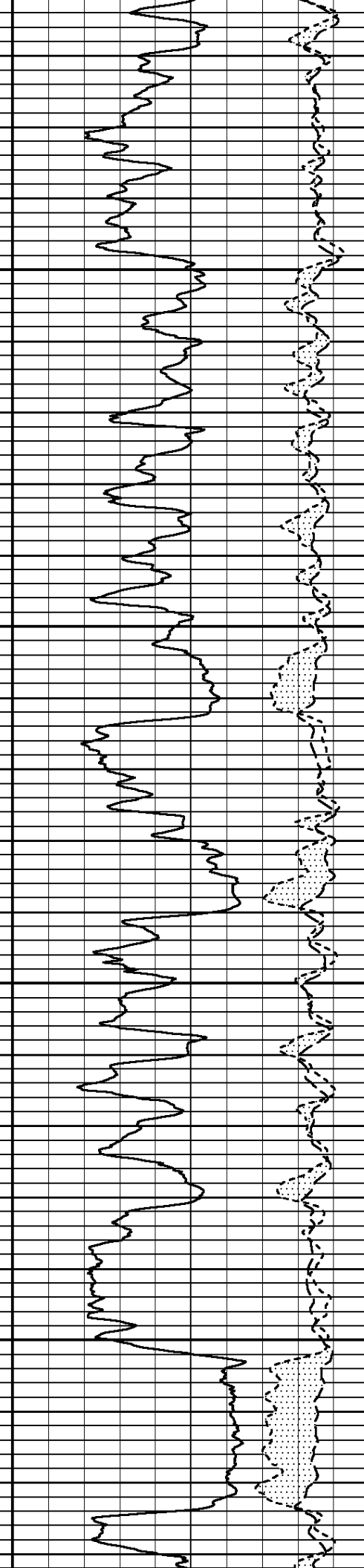
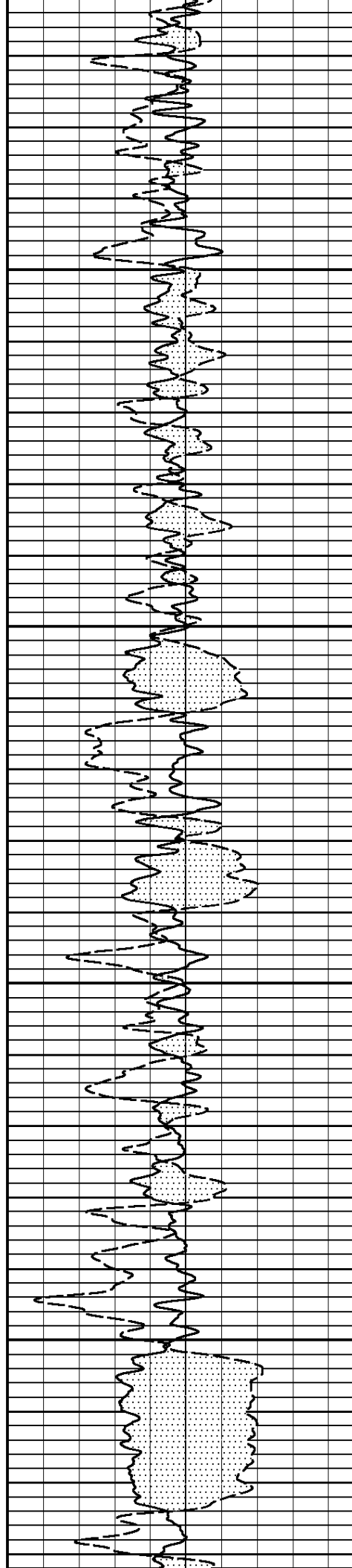
8400





8500

8600



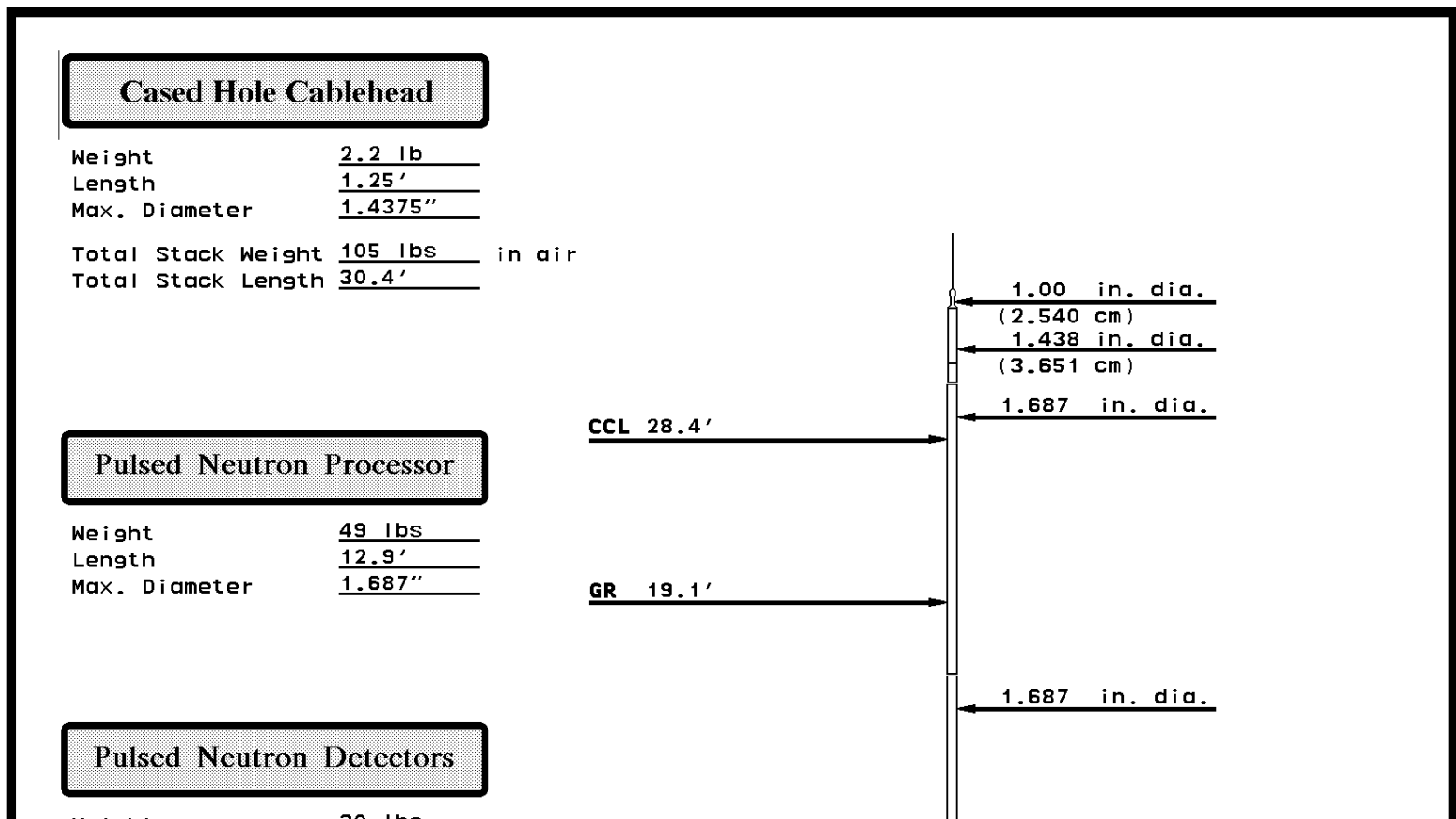
BGD NEAR 0.0 18000.0		Tension 0 1000	Formation Sigma 60.0 0.0	
BGD FAR 0.0 3000.0			RATIO 5.0 0.0	NEAR 1 120.0 Counts/Second 0.0
OUTPUT QUALITY 0.0 200000.0			Ratio Bore n to f 5.0 15.0	FAR 1 20.0 Counts/Second 0.0
GAMMA RAY 0 API 150				
CCL -9000 Millivolts 900				

START DEPTH: **8644.8** DIRECTION: **UP** DATE: **01/25/2008** TIME: **17:24** MODE: **ORIGINAL**
 RECOMPUTED DATE: **01/25/2008** TIME: **17:24**
130916 PNDREPFIN

REPEAT PASS

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

VERSION: **71018127R"**



Weight	<u>30 lbs</u>
Length	<u>8.7'</u>
Max. Diameter	<u>1.687"</u>

Pulsed Neutron Generator

Weight	<u>26 lbs</u>
Length	<u>7.7'</u>
Max. Diameter	<u>1.687"</u>

FAR DETECTOR	9.2'
From Target (2.16')	
NEAR DETECTOR	8.2'
From Target (1.15')	

TARGET	7.1'
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1.687 in. dia.

COMPANY WEXPRO

WELL ACE UNIT #13

FIELD POWDER WASH

COUNTY MOFFAT

STATE CO



Weatherford®