



CEMENT BOND LOG

Country U.S.A.

Company CASILLAS PETROLEUM CORP.

Well HAMKER #20-3

Field LETTE

County HASKELL

State KANSAS

Location: API #: 15-081-22204

SEC 20 TWP 30S RGE 31W

Permanent Datum G.L. Elevation 2846

Log Measured From K.B. 12' A.G.L.

Drilling Measured From K.B.

Elevation K.B. 2858
D.F. 2857
G.L. 2846

Date 16-DEC-2019

Run Number ONE

Depth Driller 5721

Depth Logger 5660

Bottom Logged Interval 5660

Top Log Interval 3700

Open Hole Size 7.875

Type Fluid WATER

Density / Viscosity N/A

Max. Recorded Temp. N/A

Estimated Cement Top N/A

Time Well Ready ROA

Time Logger on Bottom 9:00 AM

Equipment Number 971

Location LIBERAL, KS

Recorded By ADAM SILL

Witnessed By MR. JAIME GUZMAN

Borehole Record

Tubing Record

Run Number Bit From To Size Weight From To

Casing Record Size Wgt/Ft Top Bottom

Surface String 8.625 32 0 1832

Prot String 5.5 15.5 5660 0

Production String 5.5 15.5 5660 0

Liner

>>> Fold Here >>>

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

LOG CORRELATED TO STEP ENERGY PHASE INDUCTION LOG DATED 12-07-2019

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
WVF5FT WVF3FT	11.69 11.69		Probedig-DigitalCBL (061007) 2 3/4 Bond Tool	8.77	2.75	92.00

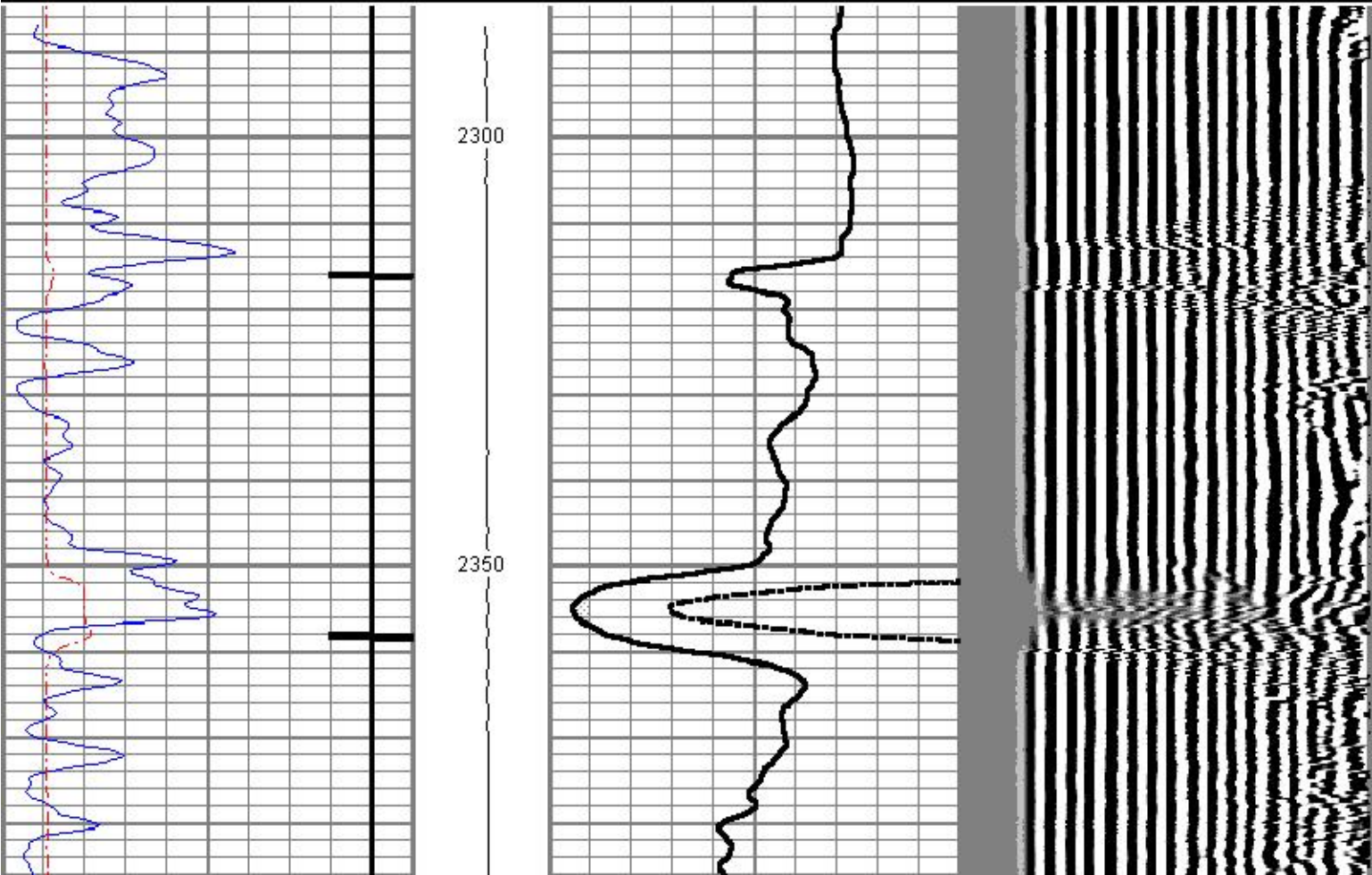
CENT	7.44		CENT-275 2 3/4" Centralizer	2.94	2.75	10.00
CCL	3.67		CCL-Probe (080611)	1.42	2.75	20.00
GR	0.89		GR-P2 (080611) Sensor in Bottom	3.08	2.75	20.00
Dataset: casillas hamker20-3 cbl.db: field/well/run1/pass6 Total length: 16.20 ft Total weight: 142.00 lb O.D.: 2.75 in						

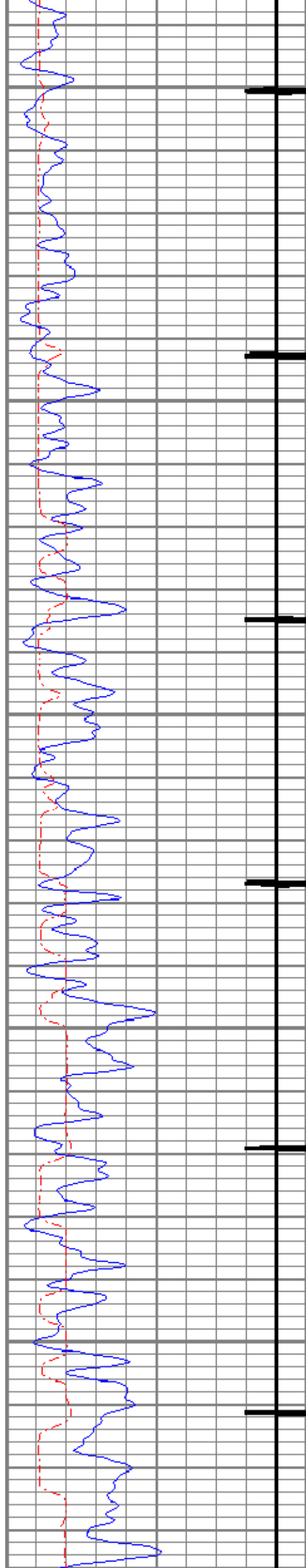


UPPER MAIN PASS

Database Filecasillas hamker20-3 cbl.dbDataset Pathnamepass8Presentation FormatcblDataset CreationMon Dec 16 10:16:20 2019Charted byDepth in Feet scaled 1:240

18	CCL	-2	LTEN	0	AMP3FT (mV)	100	200	VDL (usec)	1200
0	GR (GAPI)	150	0 (lb)1000	0	AMP 3FT X 5 (mV)	20			
150	GR (GAPI)	300							
200	TT3FT (usec)	700							





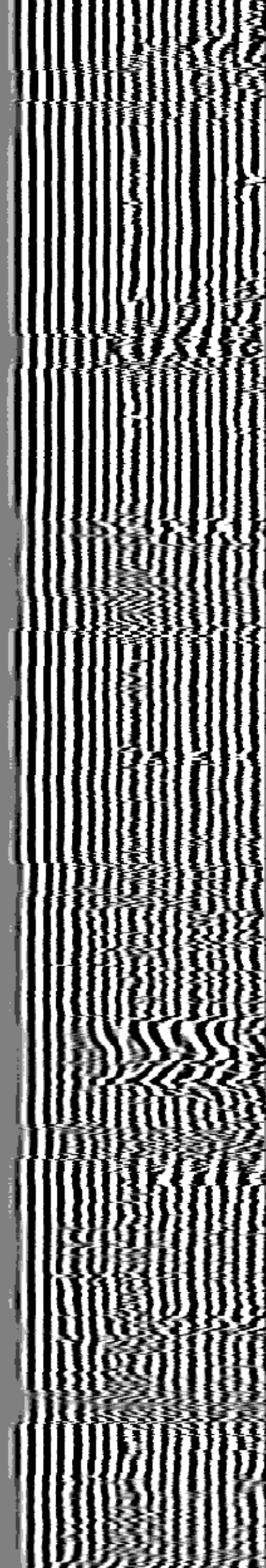
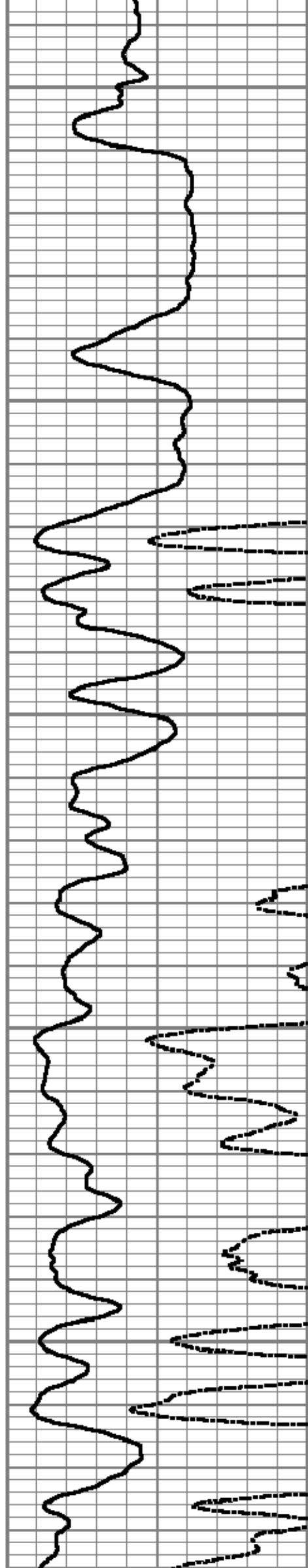
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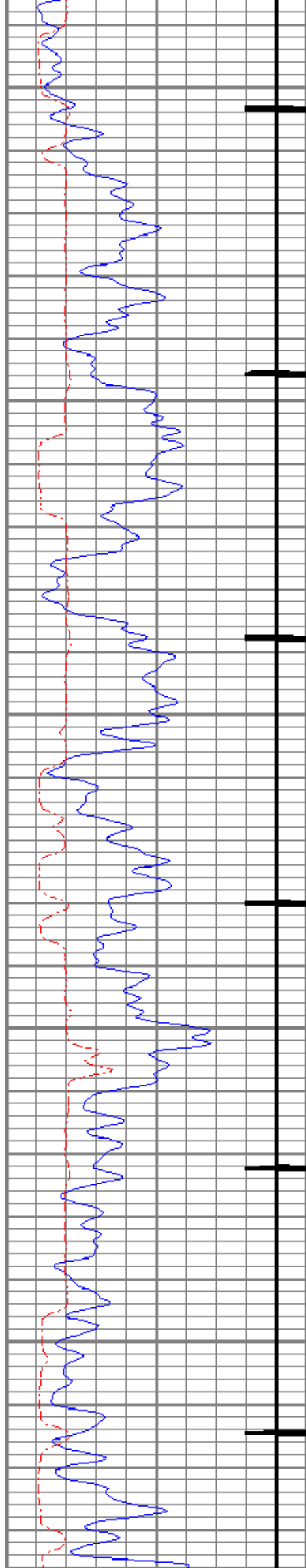
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2500

2550

2600





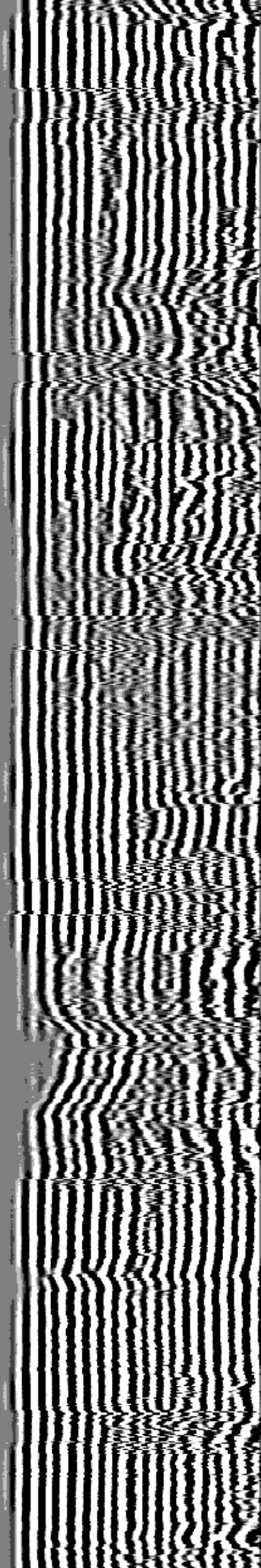
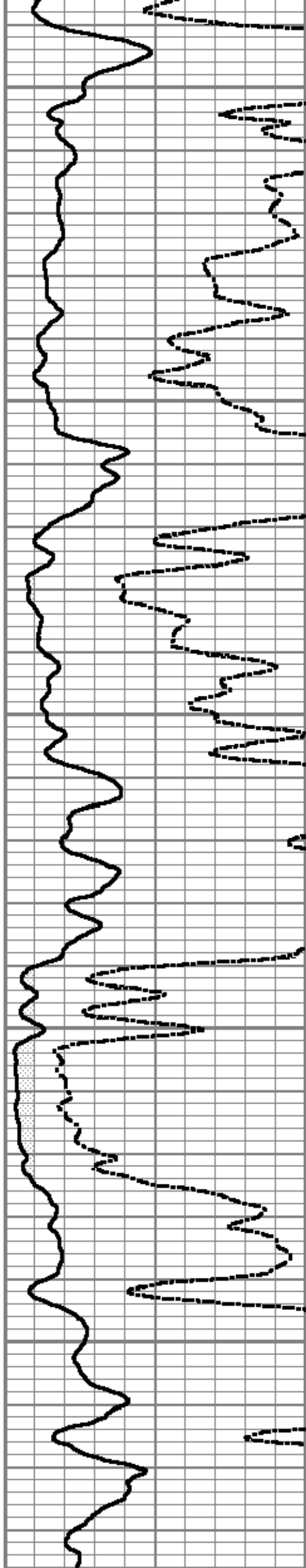
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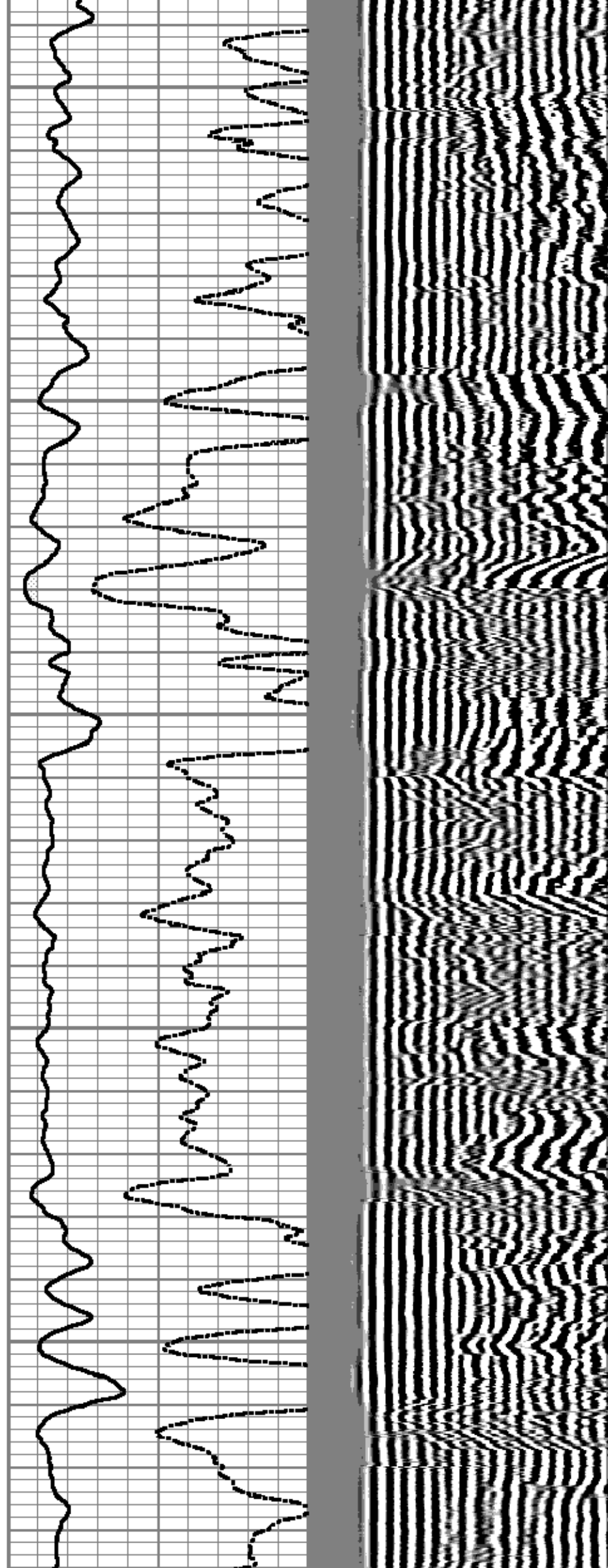
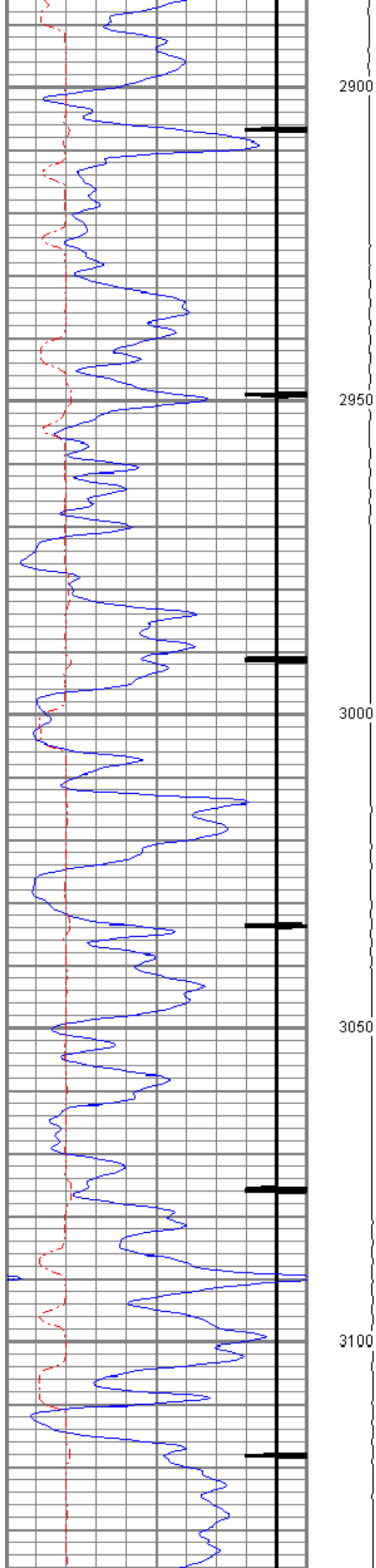
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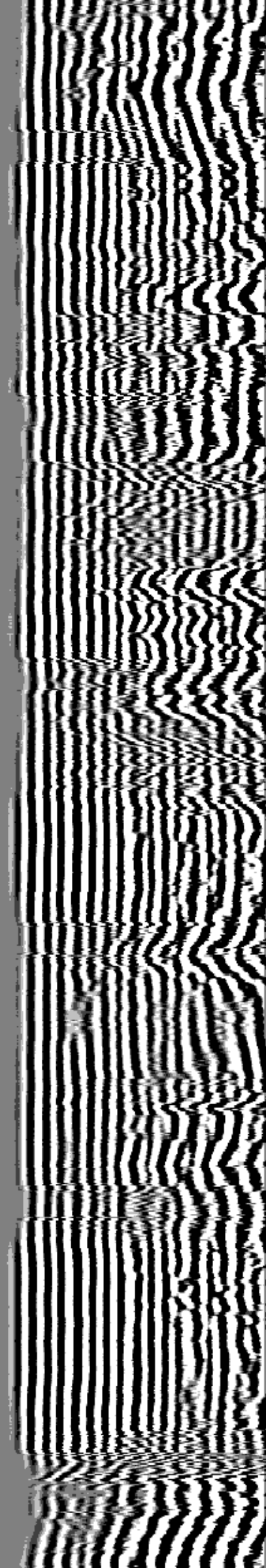
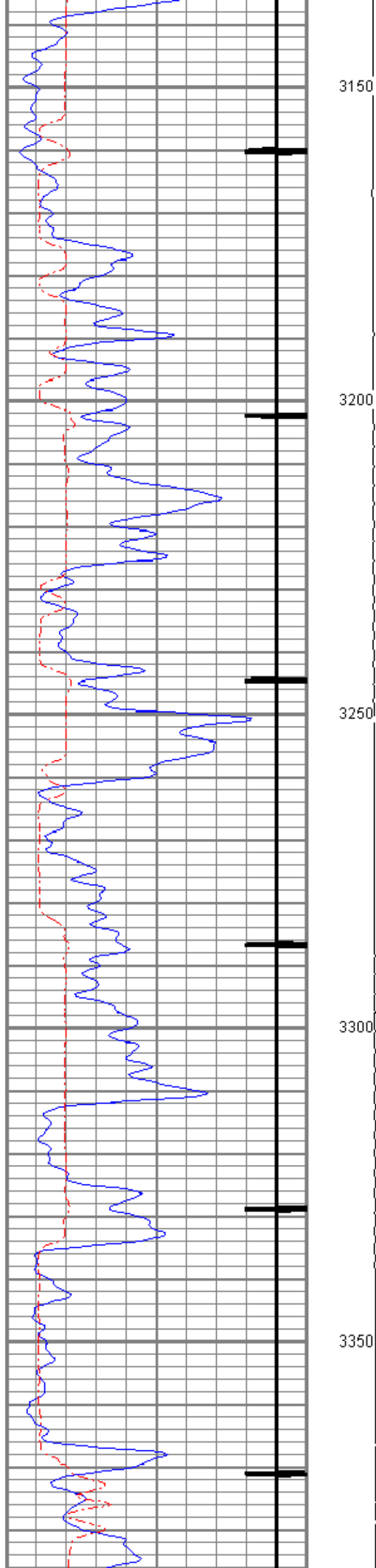
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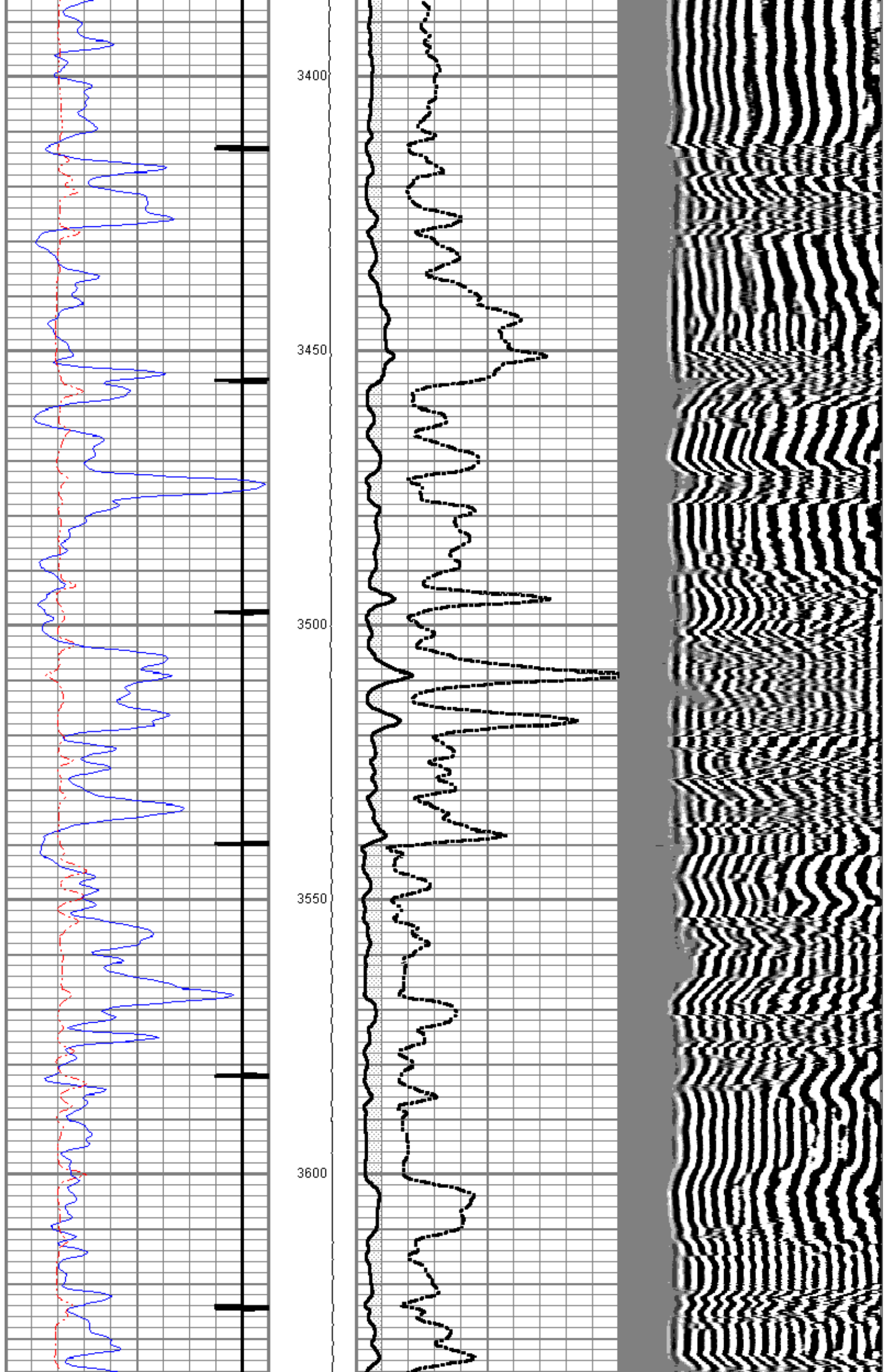
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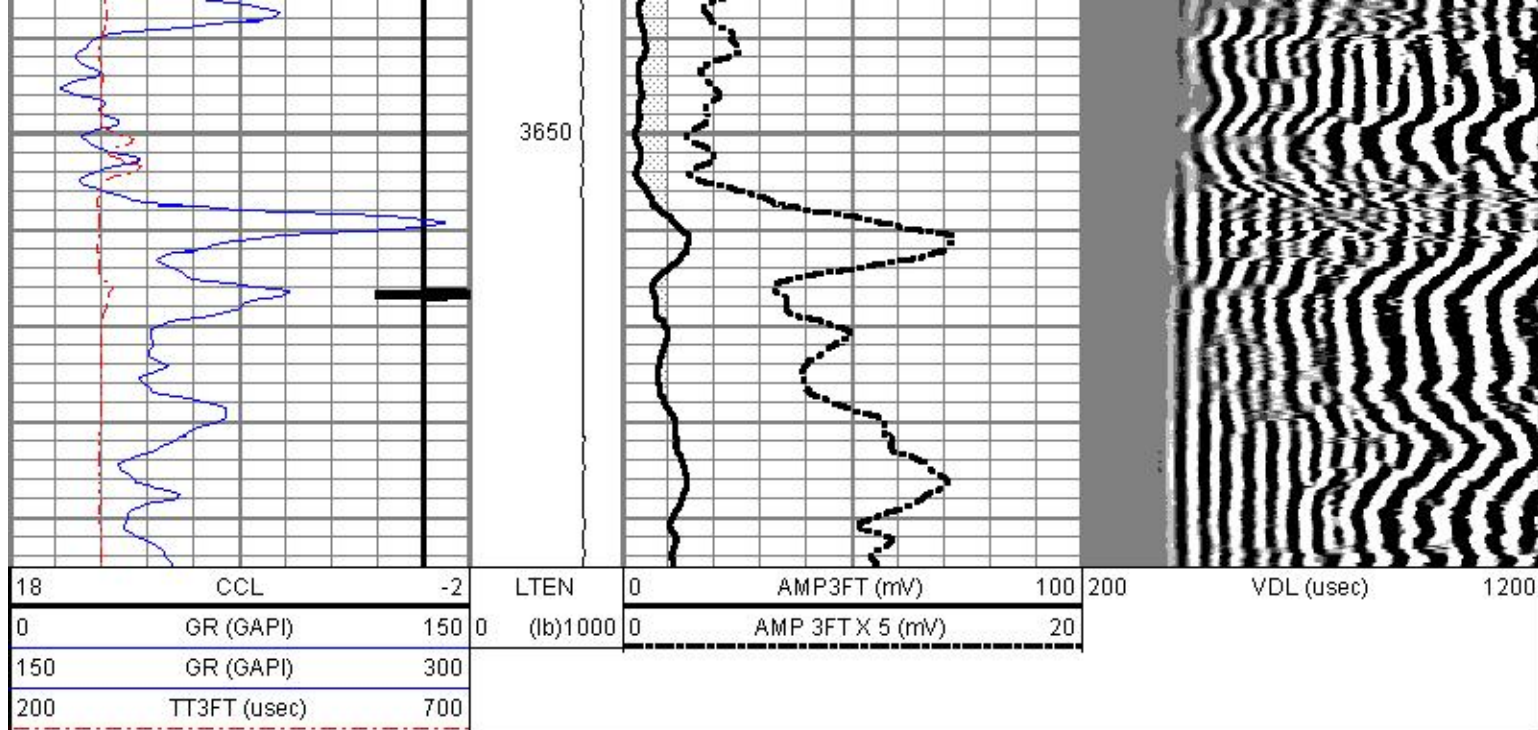
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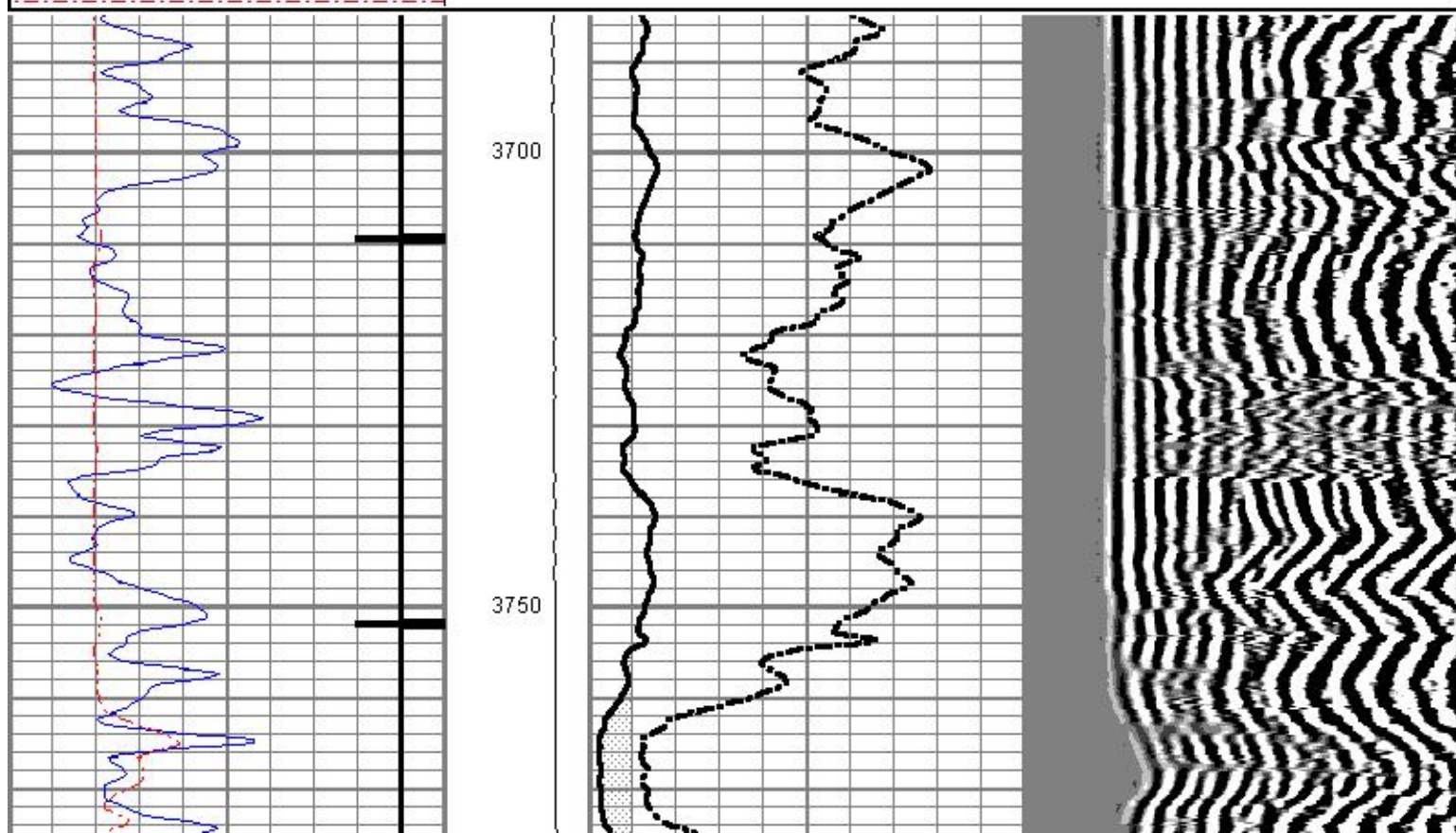


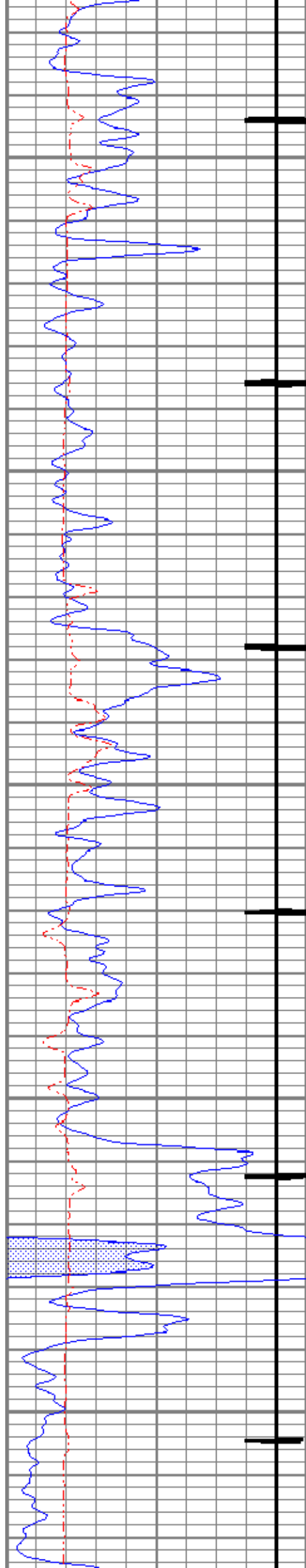
UPPER MAIN PASS

LOWER MAIN PASS

Database File	casillas hamker20-3 cbl.db
Dataset Pathname	pass6
Presentation Format	cbl
Dataset Creation	Mon Dec 16 09:18:12 2019
Charted by	Depth in Feet scaled 1:240

18	CCL	-2	LTEN	0	AMP3FT (mV)	100	200	VDL (u sec)	1200
0	GR (GAPI)	150	0	(lb)1000	0	AMP 3FT X 5 (mV)	20		
150	GR (GAPI)	300							
200	TT3FT (u sec)	700							





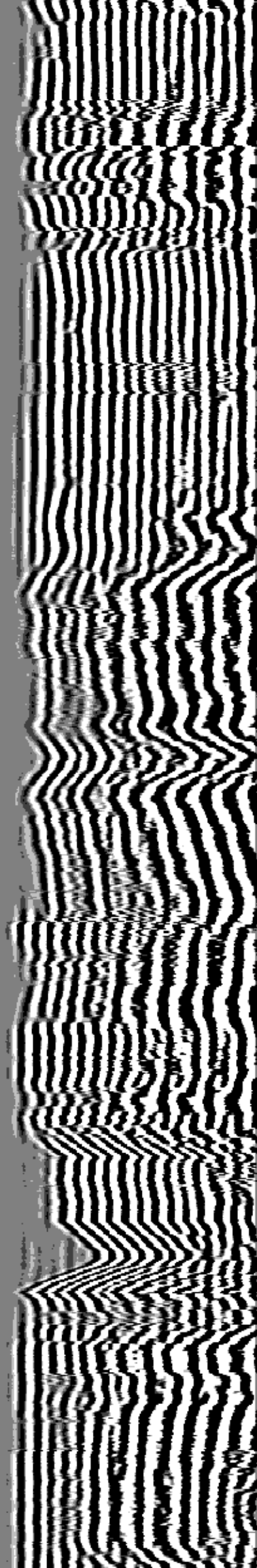
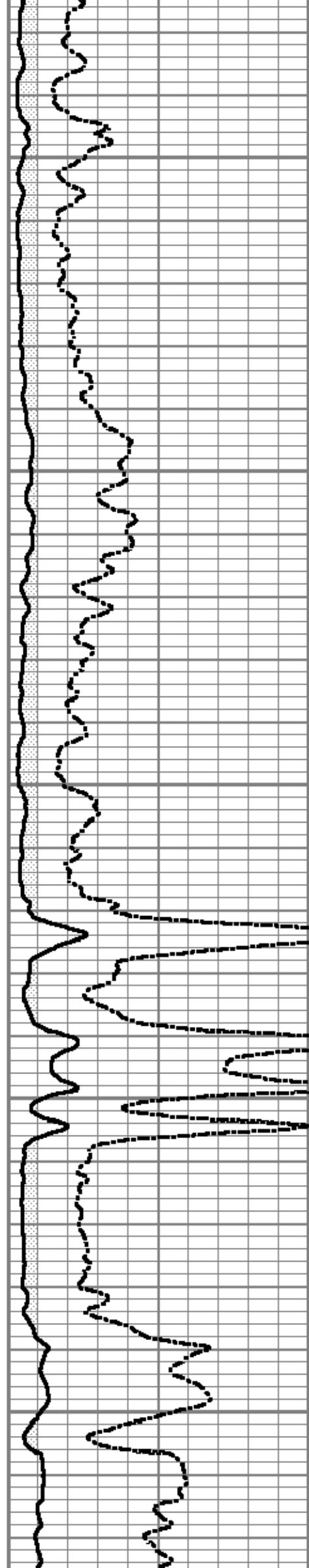
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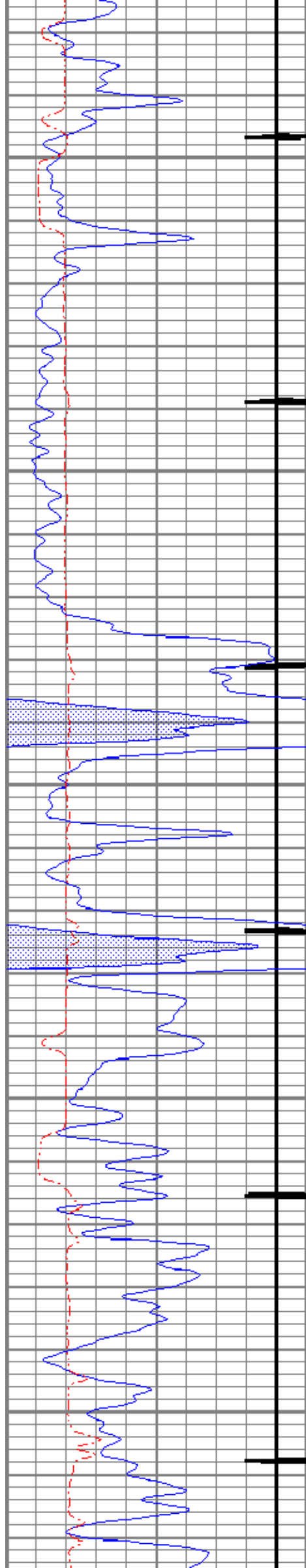
3850

3900

3950

4000





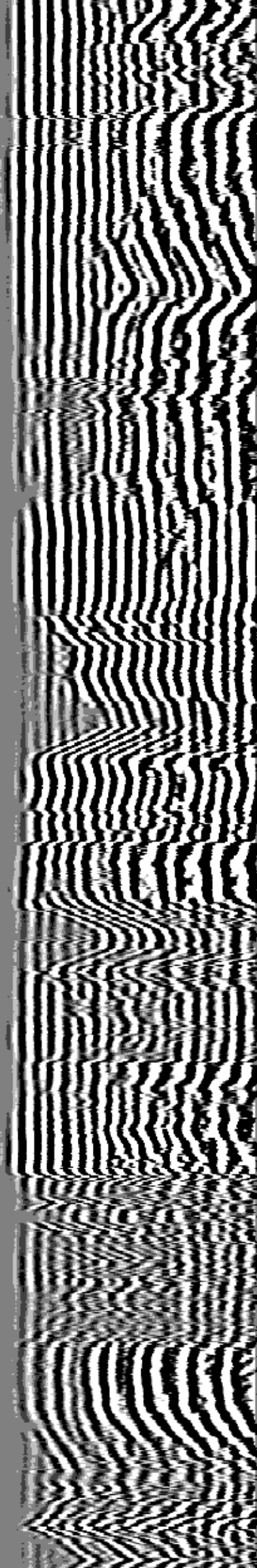
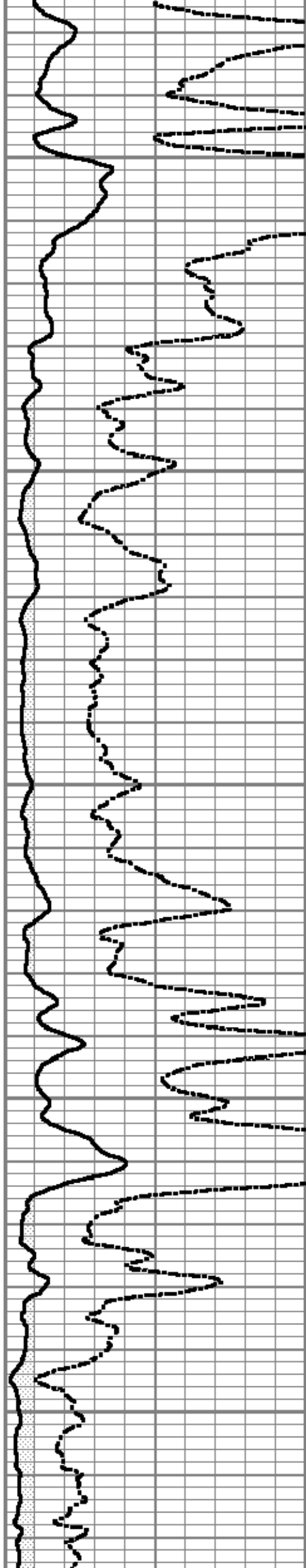
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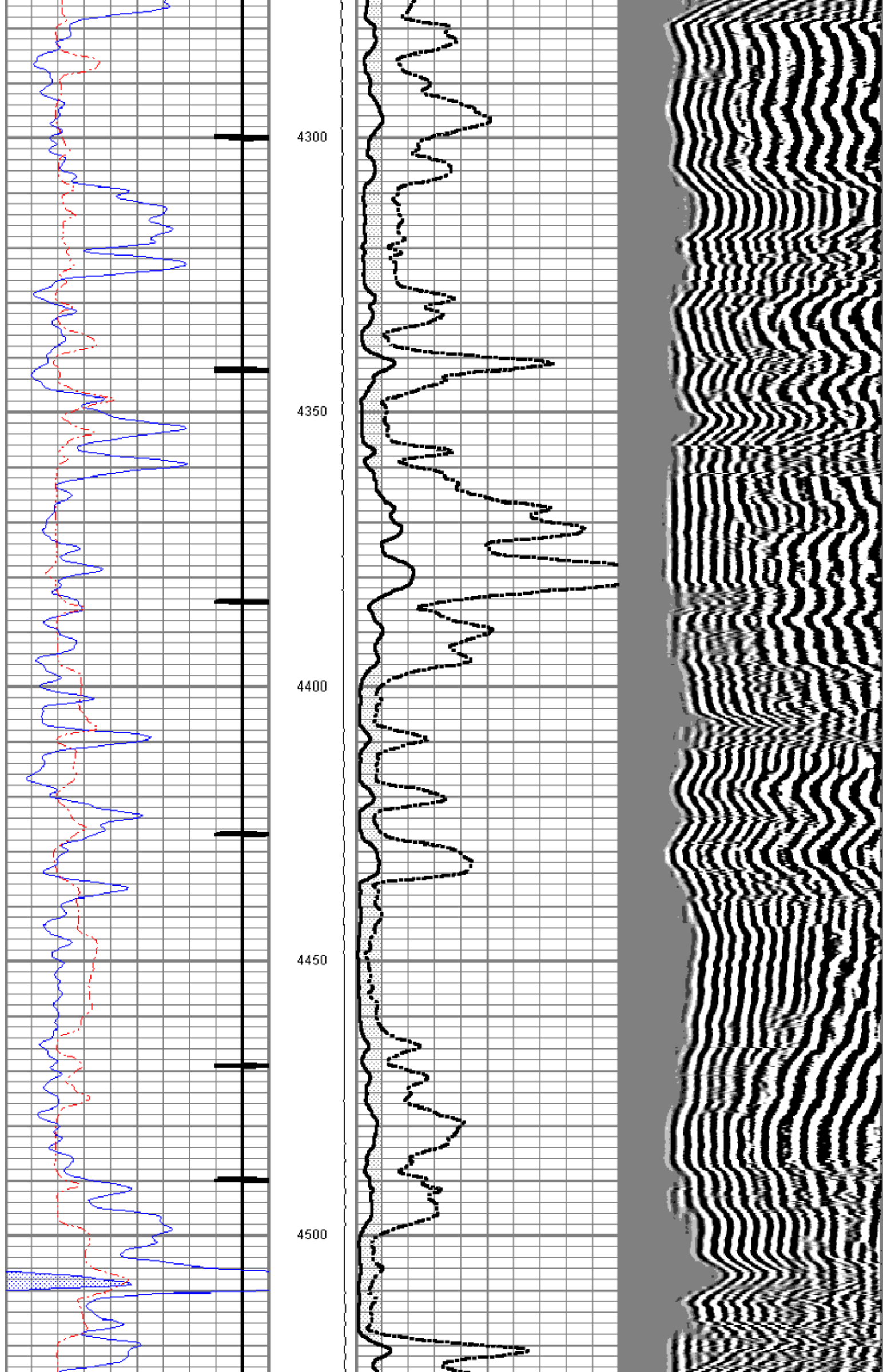
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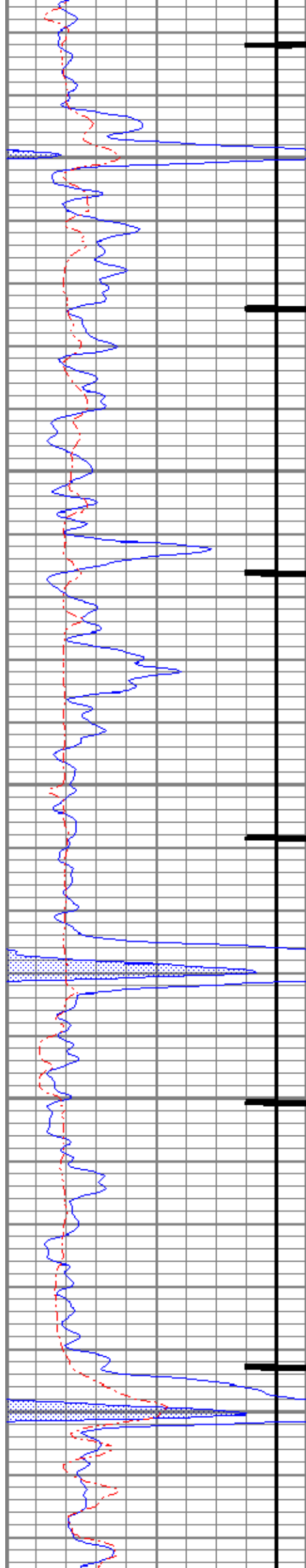
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4200

4250







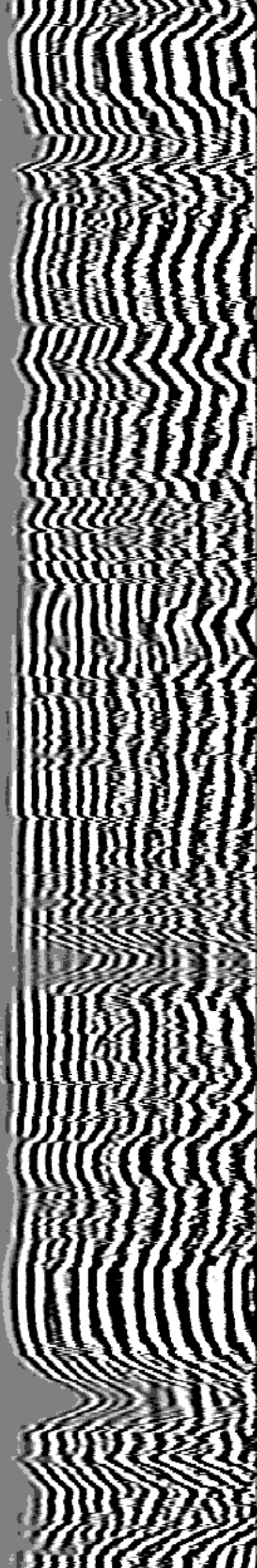
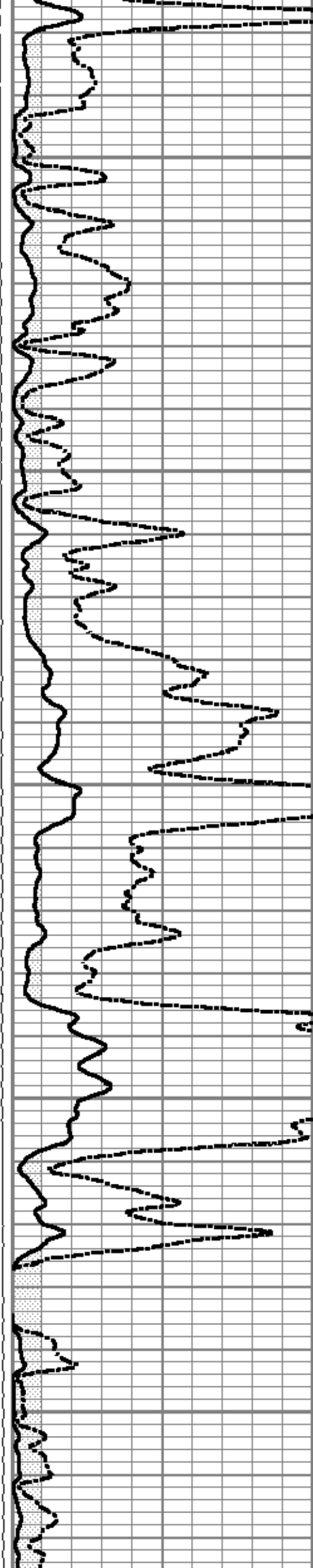
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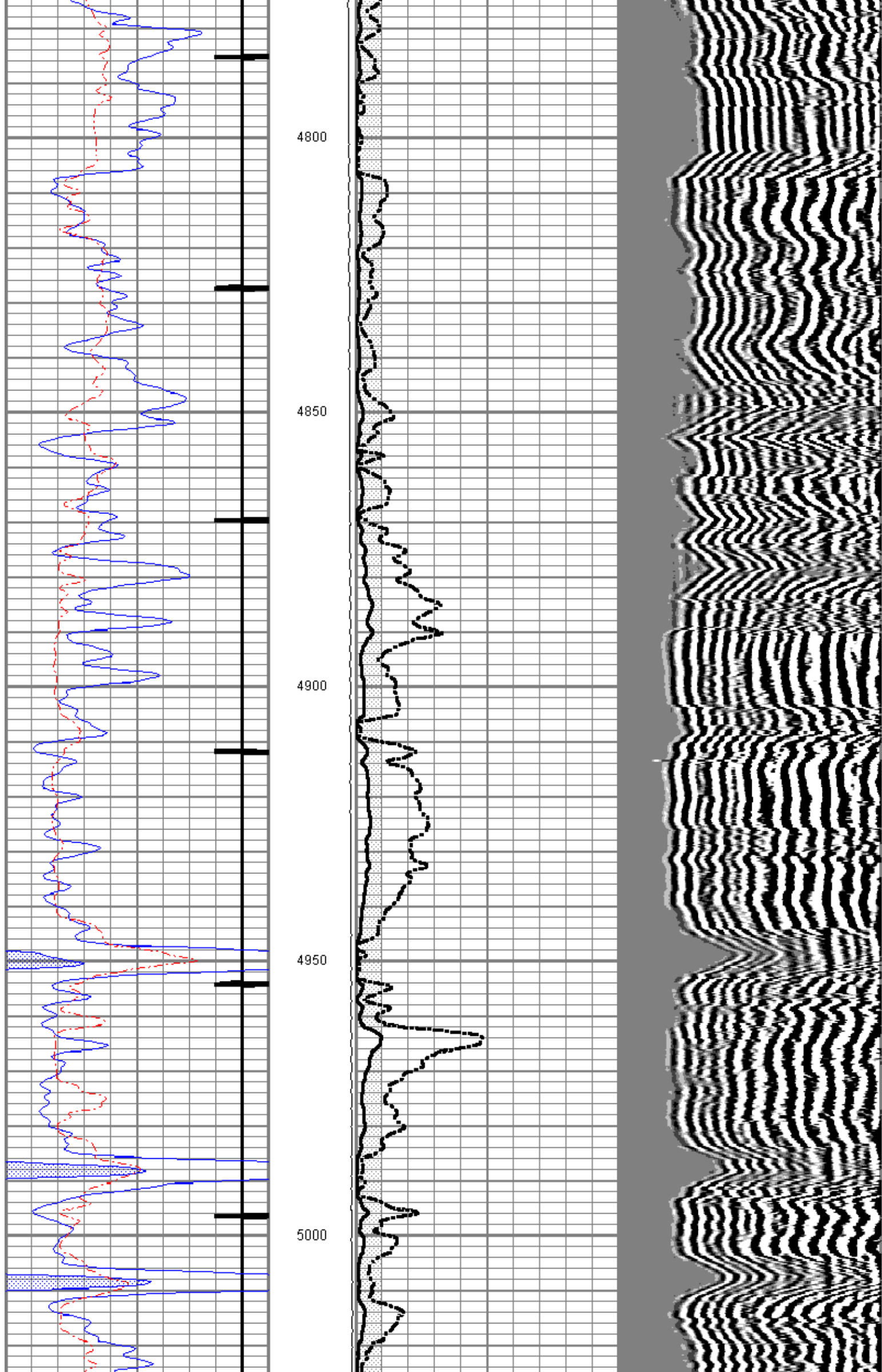
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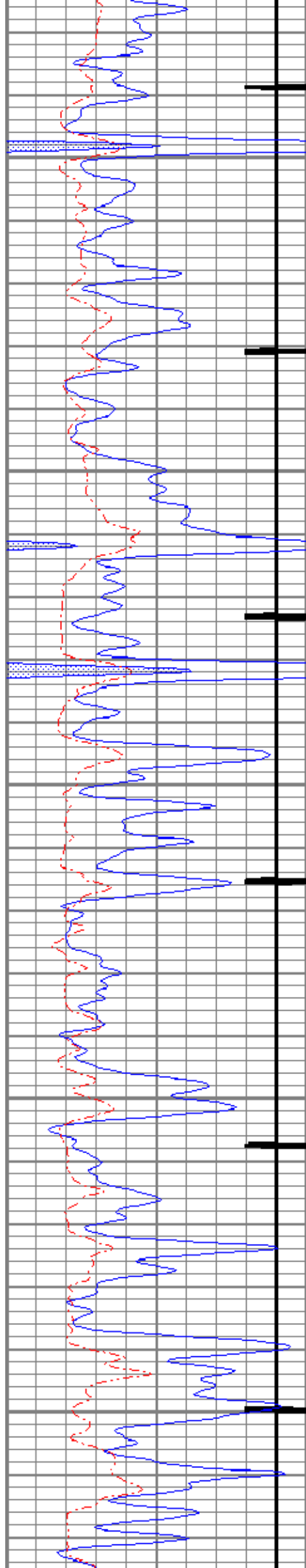
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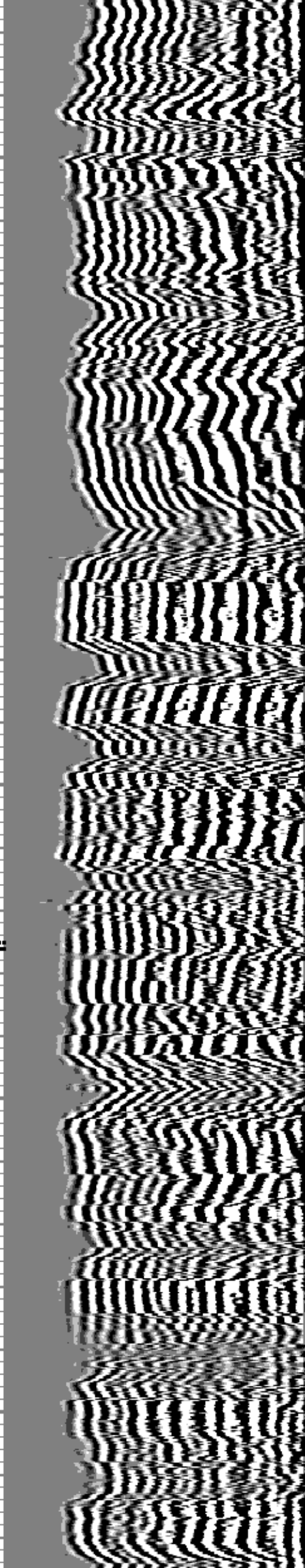
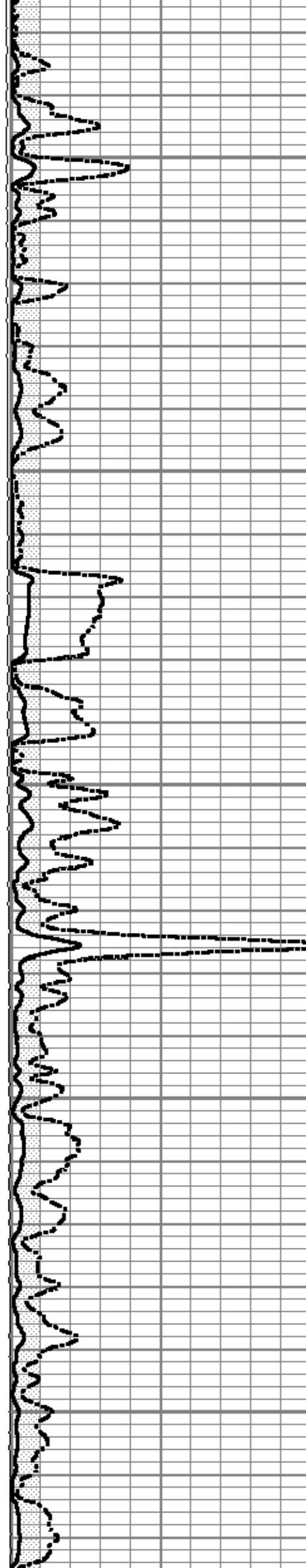
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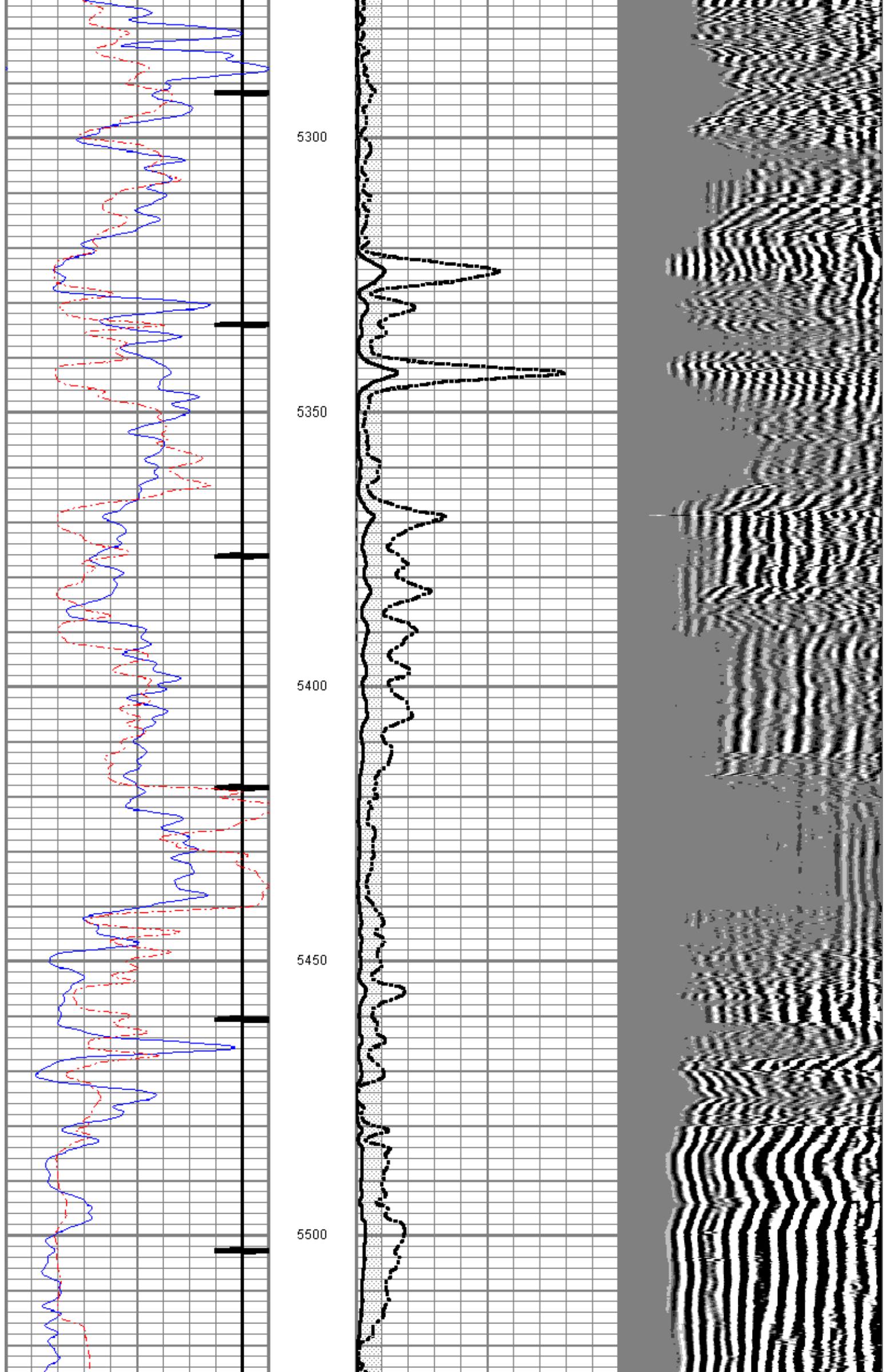
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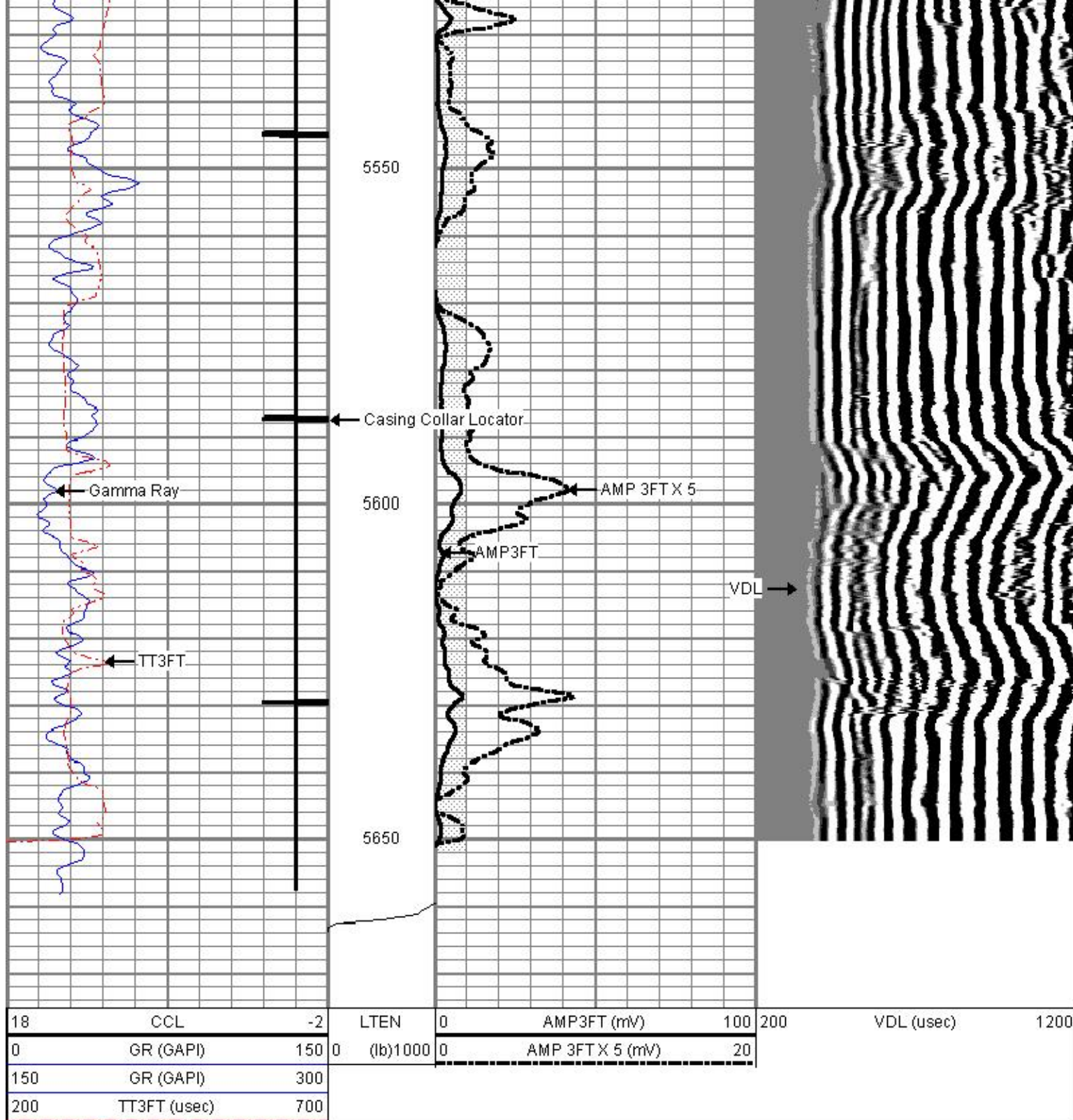
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5200

5250





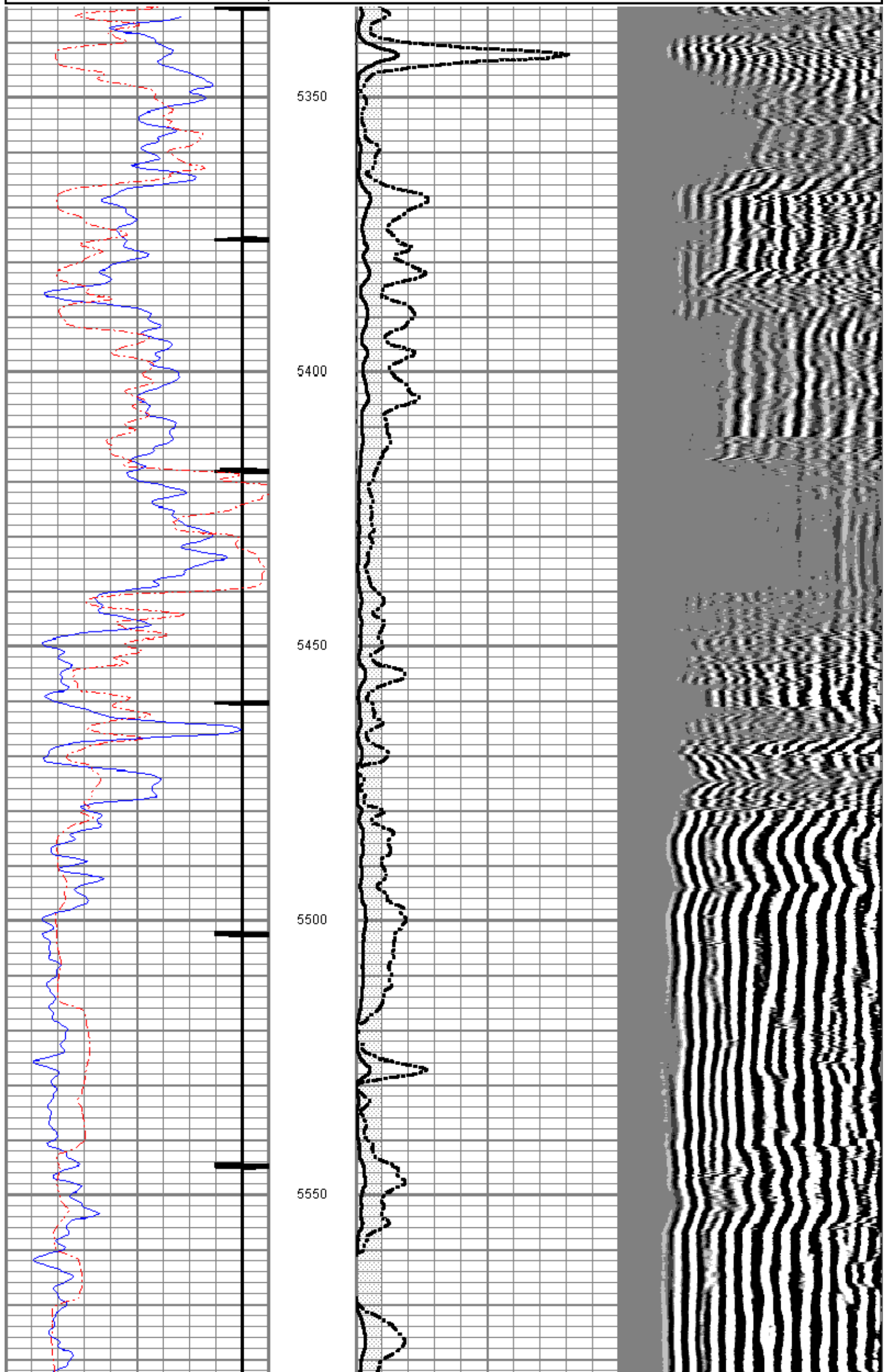


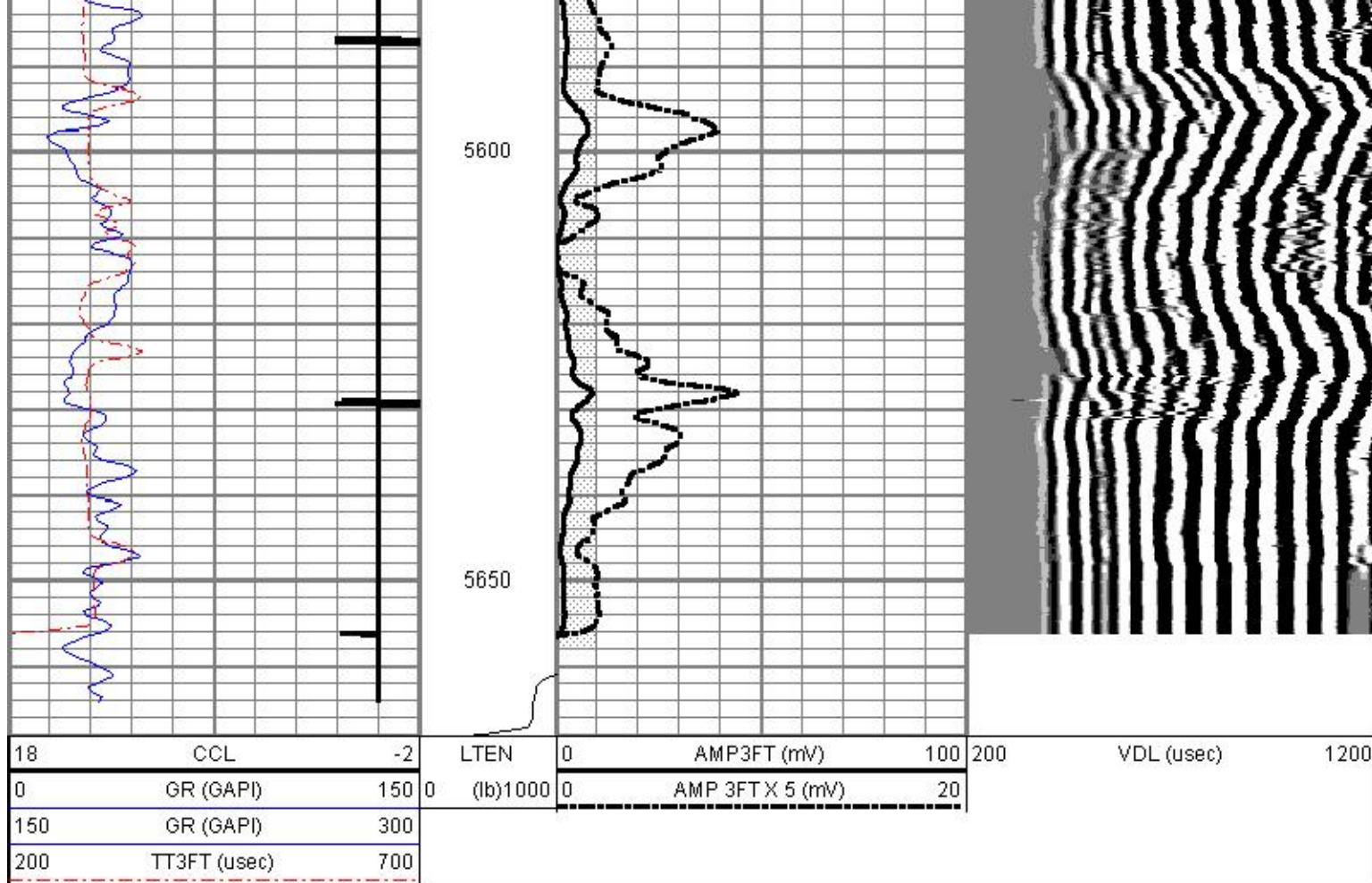
LOWER MAIN PASS

REPEAT SECTION

Database File: casillas hamker20-3 cbl.db
 Dataset Pathname: pass7
 Presentation Format: cbl
 Dataset Creation: Mon Dec 16 10:05:06 2019
 Charted by: Depth in Feet scaled 1:240

18	CCL	-2	LTEN	0	AMP3FT (mV)	100	200	VDL (usec)	1200
0	GR (GAPI)	150	0	(lb)1000	0	AMP 3FT X 5 (mV)	20		
150	GR (GAPI)	300							
200	TT3FT (usec)	700							





 REPEAT SECTION

	Company	CASILLAS PETROLEUM CORP.		
	Well	HAMKER #20-3		
	Field	LETTE		
	County	HASKELL		
	State	KANSAS		
				Country U.S.A.