



SONIC LOG

Company SHELBY RESOURCES, LLC.

Well F-P UNIT #1-5

Field ORO NORTHWEST

County PAWNEE State KANSAS

Location: API # : 15-145-21867-0000

190' FSL & 560' FWL

SEC 5 TWP 20S RGE 19W

Permanent Datum GROUND LEVEL Elevation 2230
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
CDL/CNL
ML/DIL

Elevation
K.B. 2241
D.F. 2239
G.L. 2230

Date 3/13/21

Run Number TWO

Depth Driller 4360

Depth Logger 4360

Bottom Logged Interval 4360

Top Log Interval 1300

Casing Driller 8 5/8" @ 1383

Casing Logger 1383

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.0/59

pH / Fluid Loss 10.5/8.0

Source of Sample FLOWLINE

Rm @ Meas. Temp .8@ 60F

Rmf @ Meas. Temp .6@ 60F

Rmc @ Meas. Temp .96 @ 60F

Source of Rmf / Rmc MEASURED

Rm @ BHT .40@ 119F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 119F

Equipment Number 1523

Location HAYS, KANSAS

Recorded By GUS PFANENSTIEL

Witnessed By JEREMY SCHWARTZ

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395

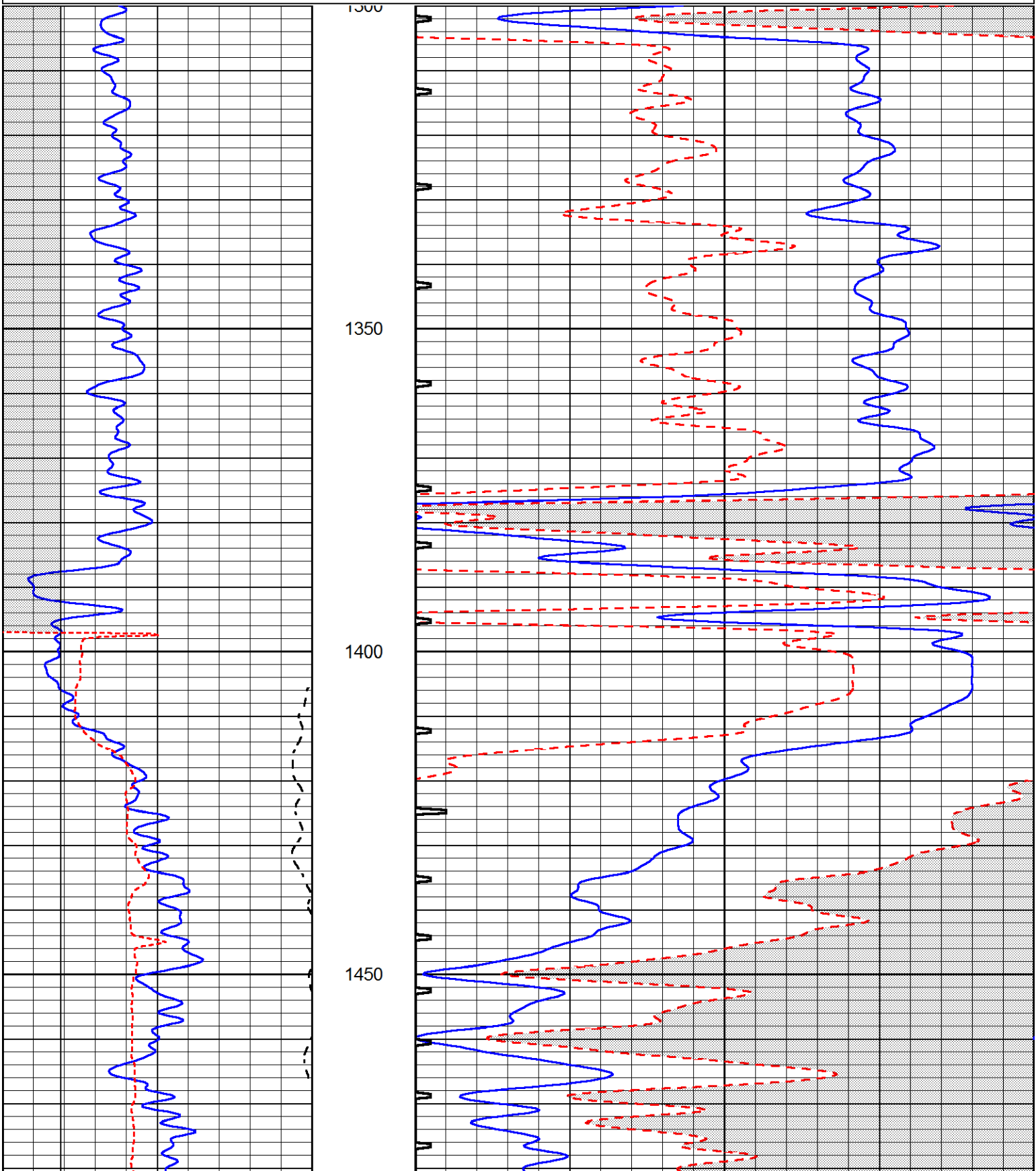
DIRECTIONS: EAST SIDE OF NEKOMA TO CO RD. 180 SOUTH TO Y RD.(PAWNEE CO)
3/4 WEST, NORTH INTO.

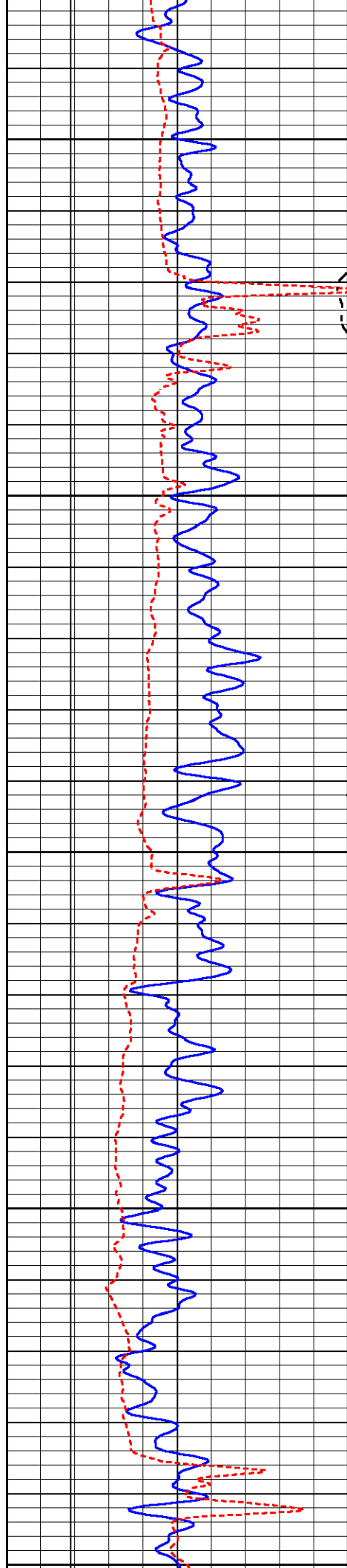


MAIN PASS

Database File	5049ddn.db
Dataset Pathname	pass1LAS
Presentation Format	_slt
Dataset Creation	Sun Mar 14 00:59:26 2021
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
-100	SP (mV)	100	TBHV	0	ITT (msec)	20
			0 (ft3) 10			





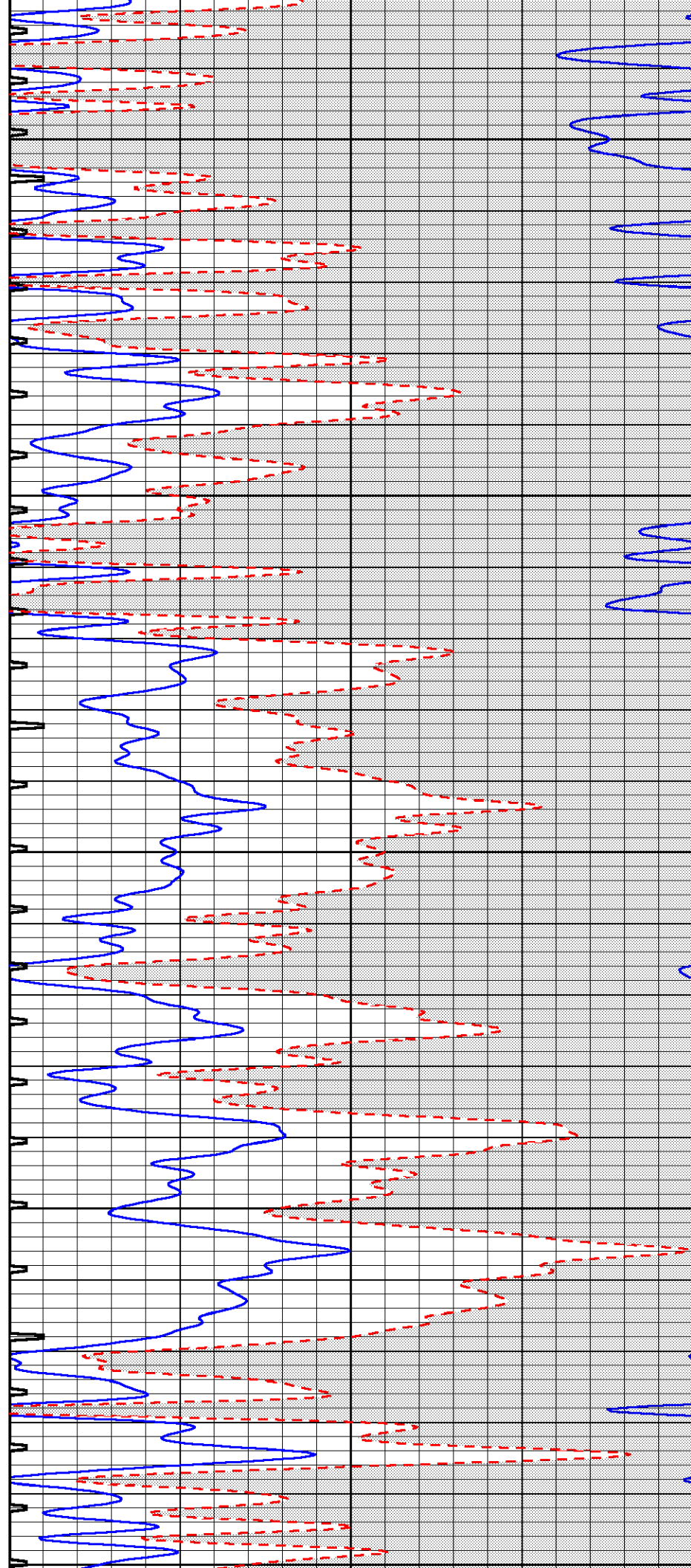
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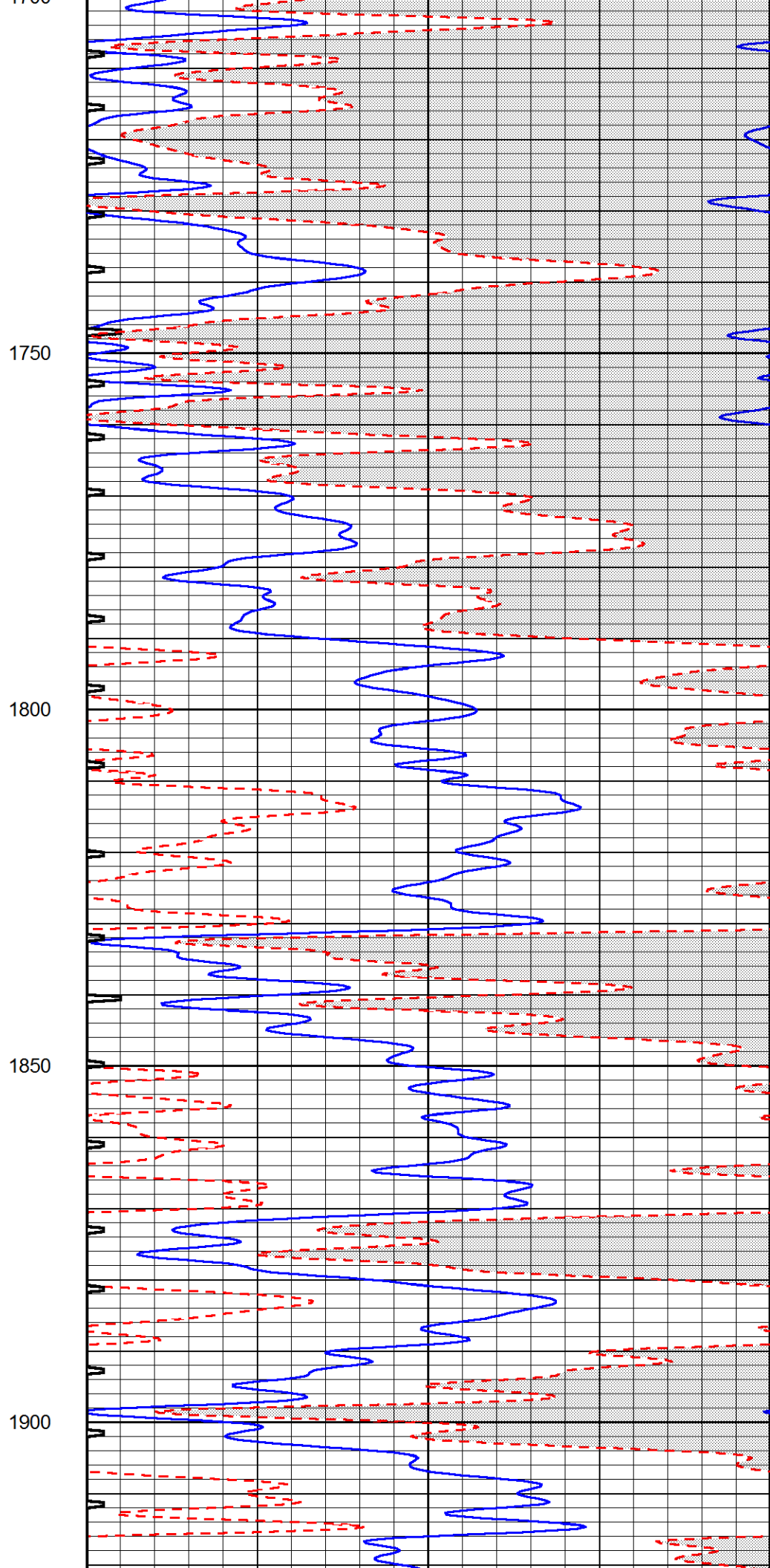
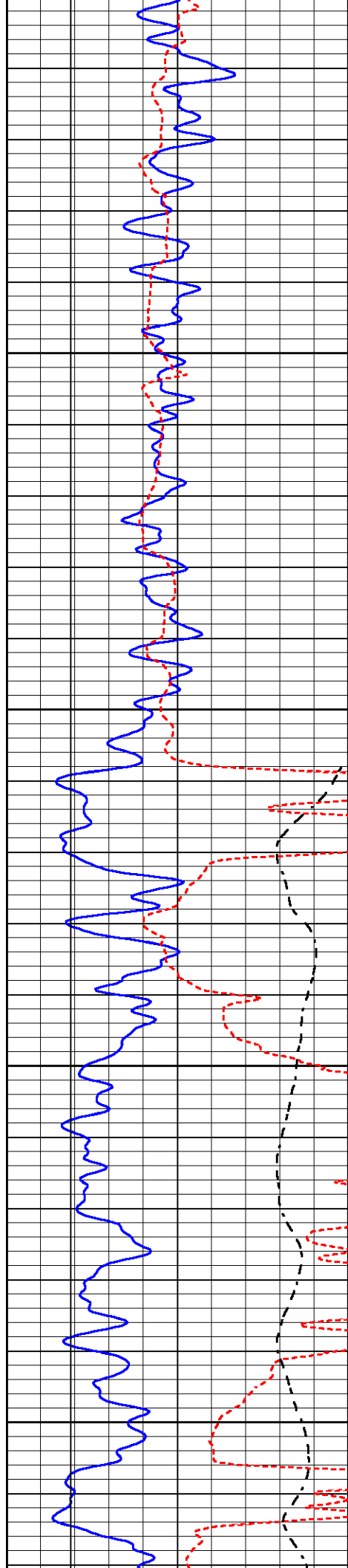
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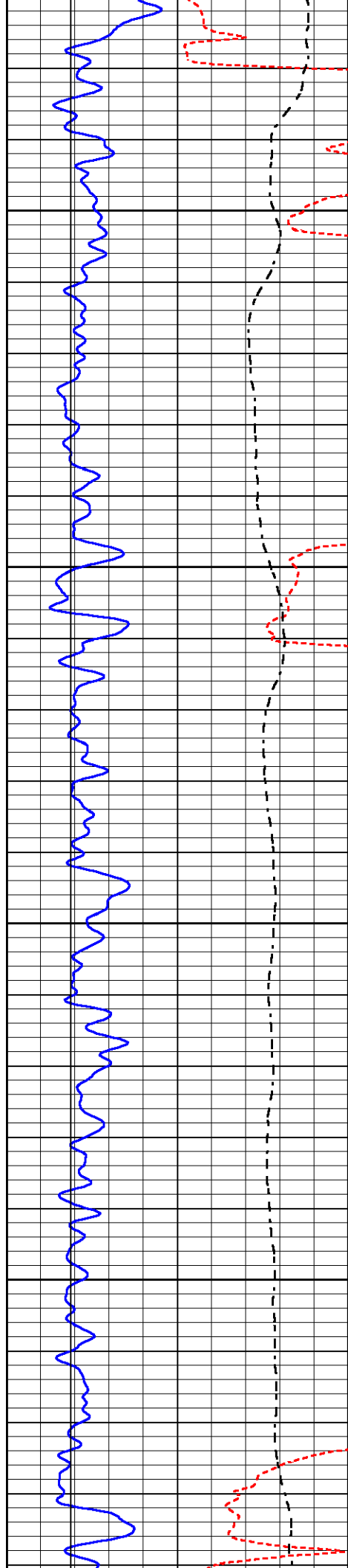
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1650

1700





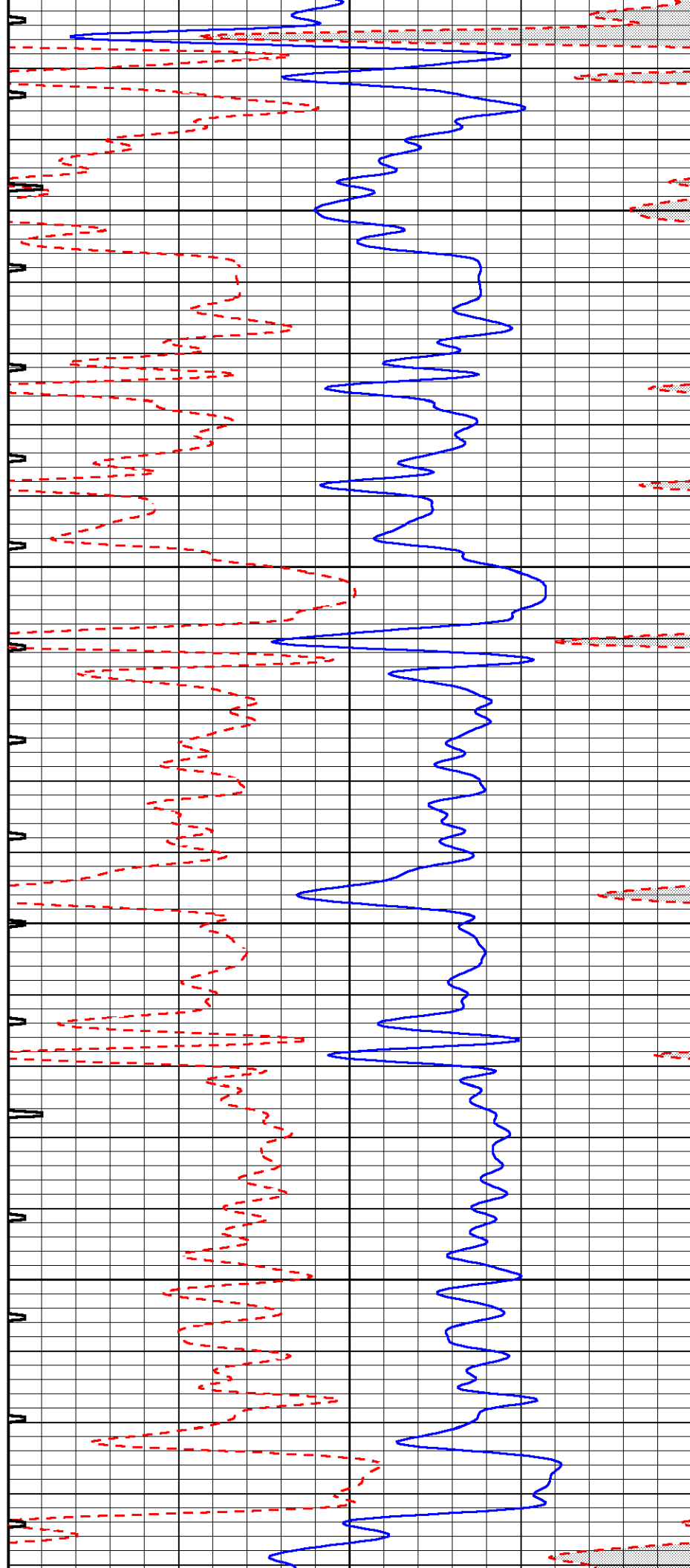


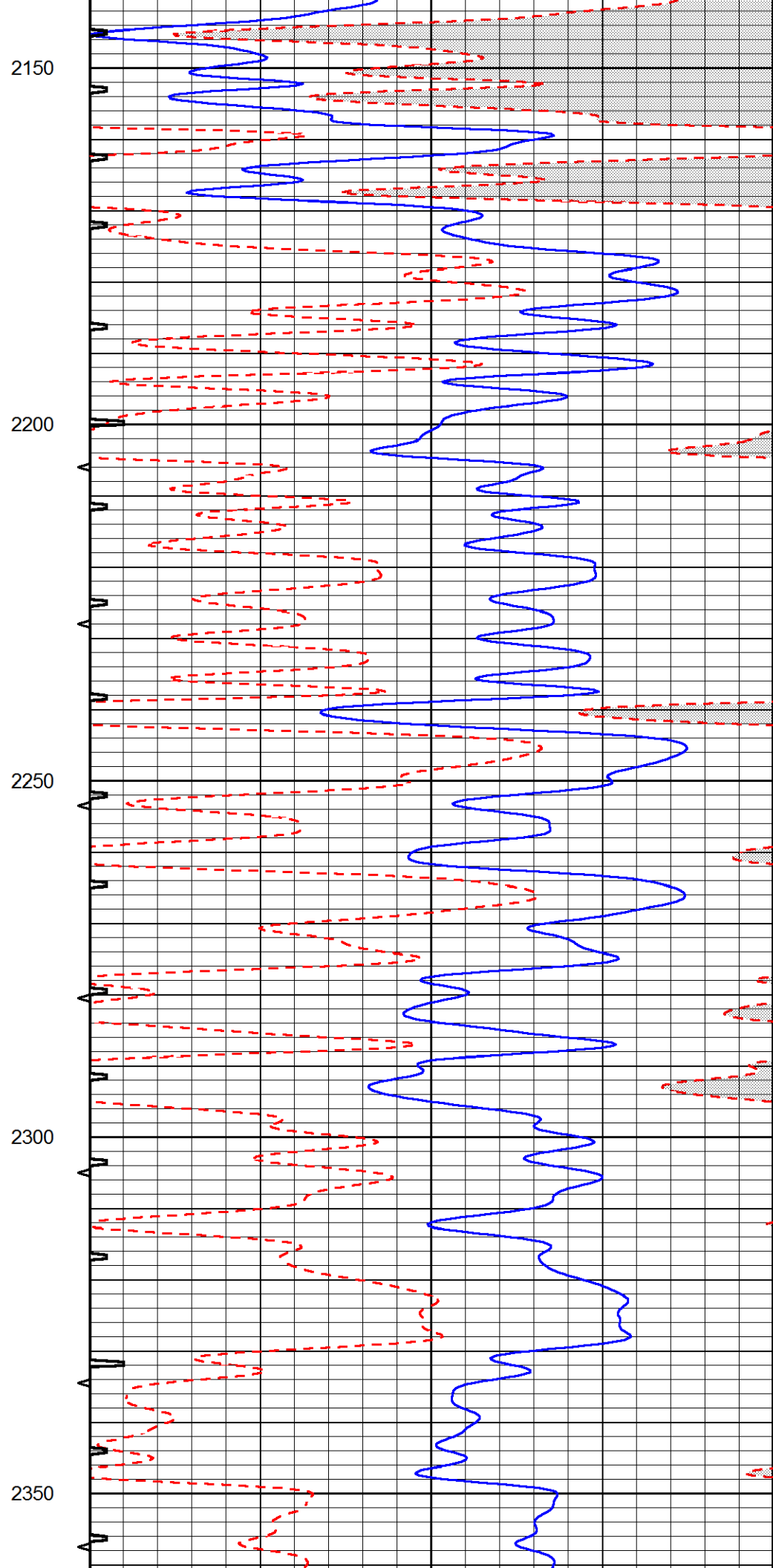
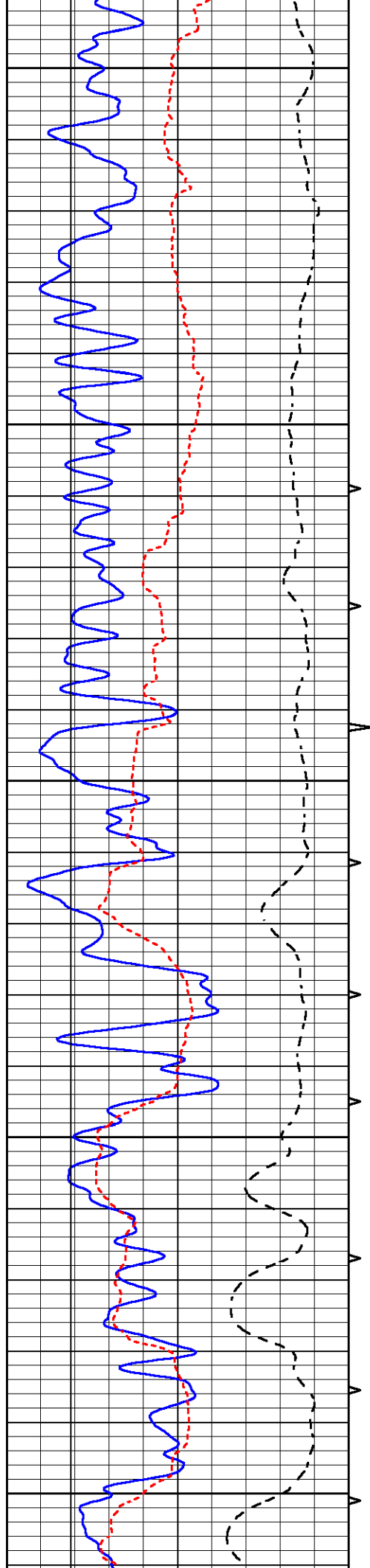
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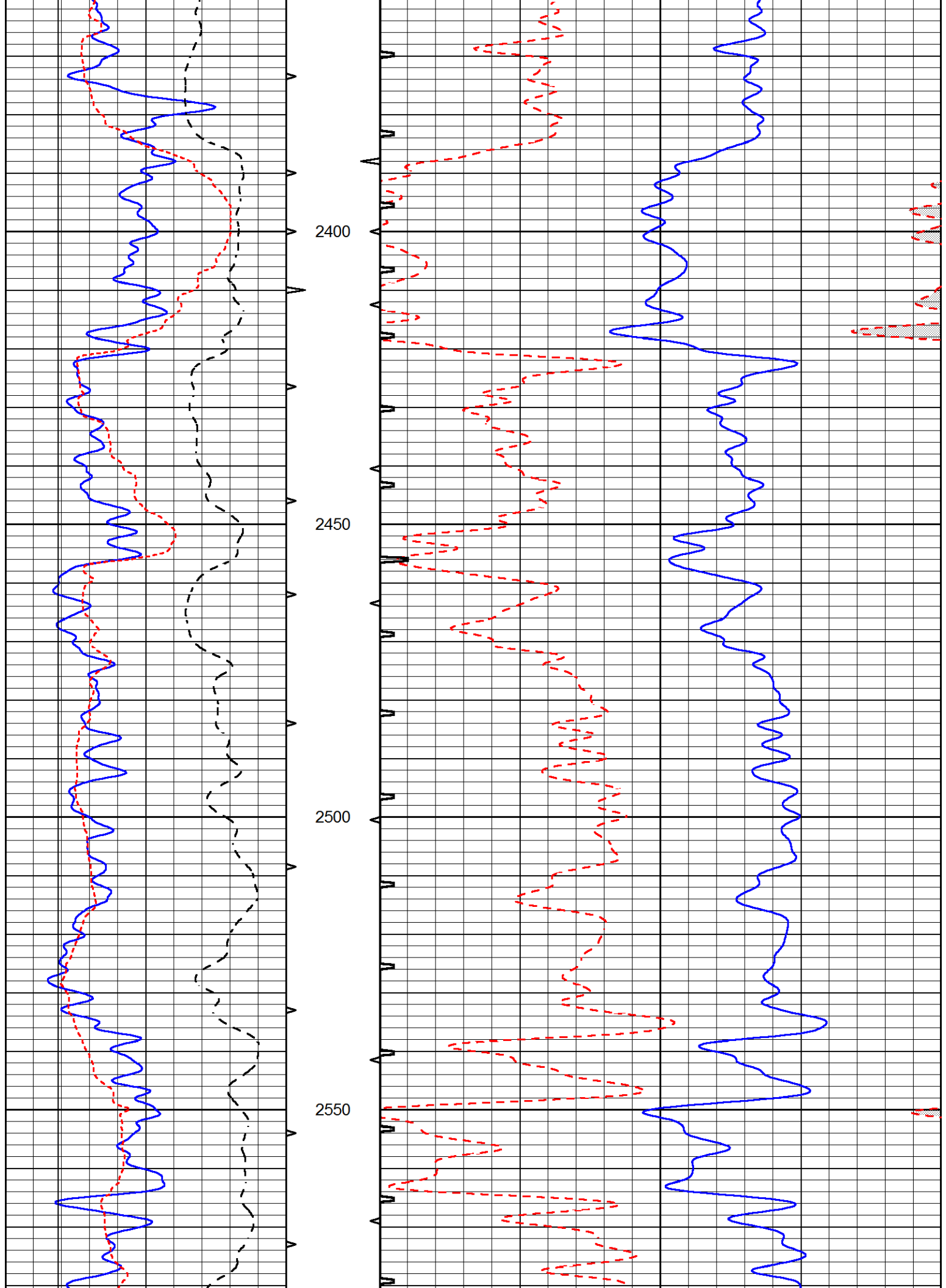
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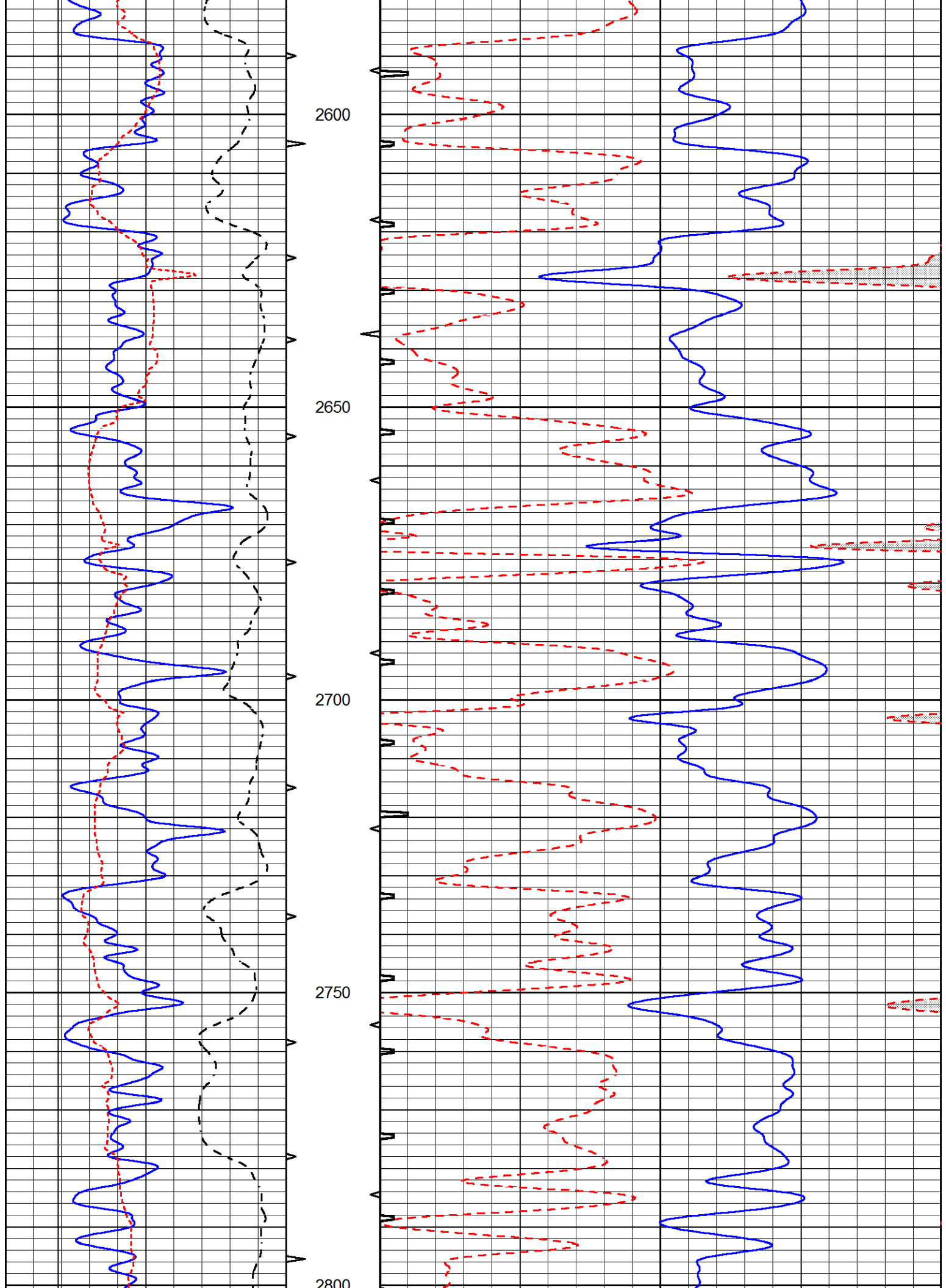
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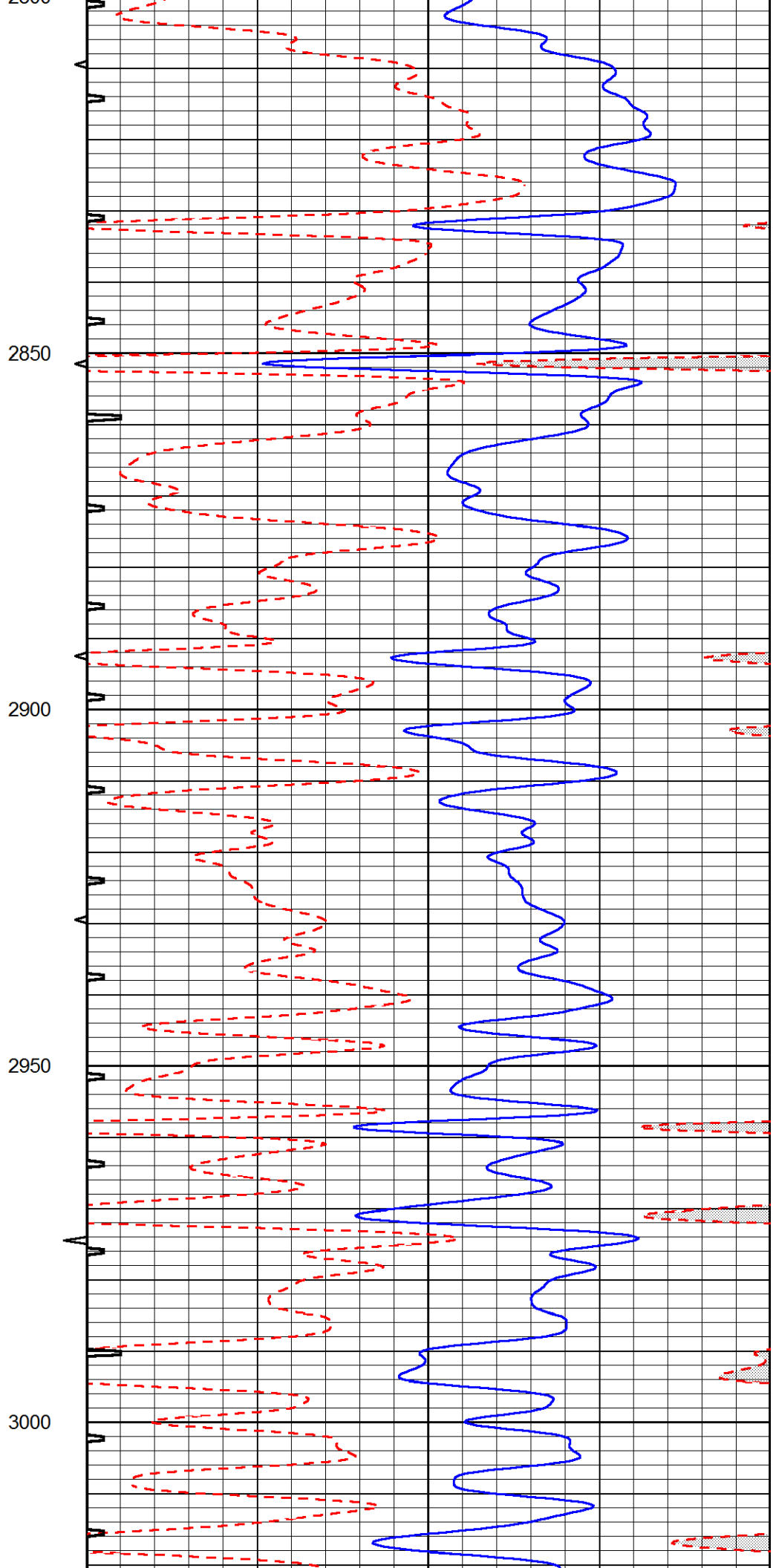
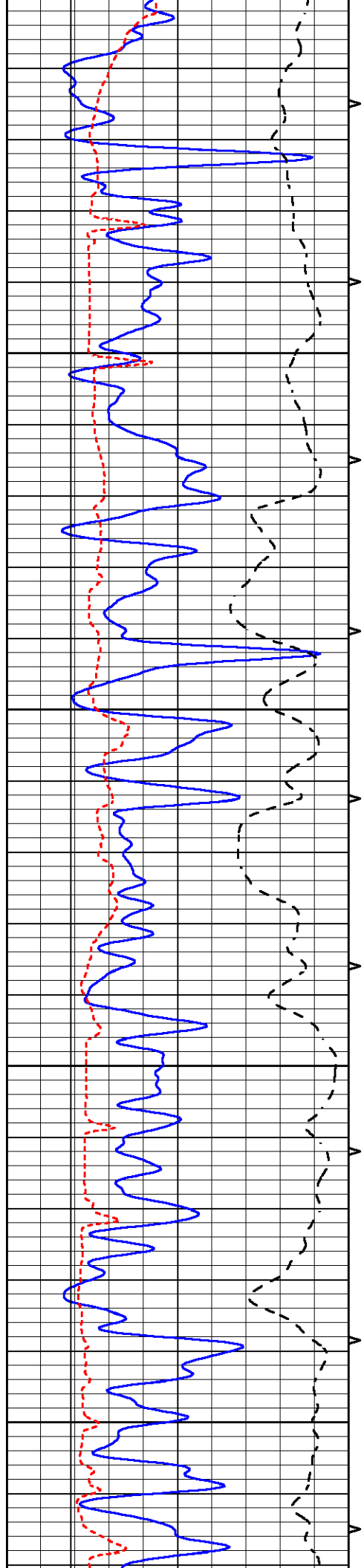
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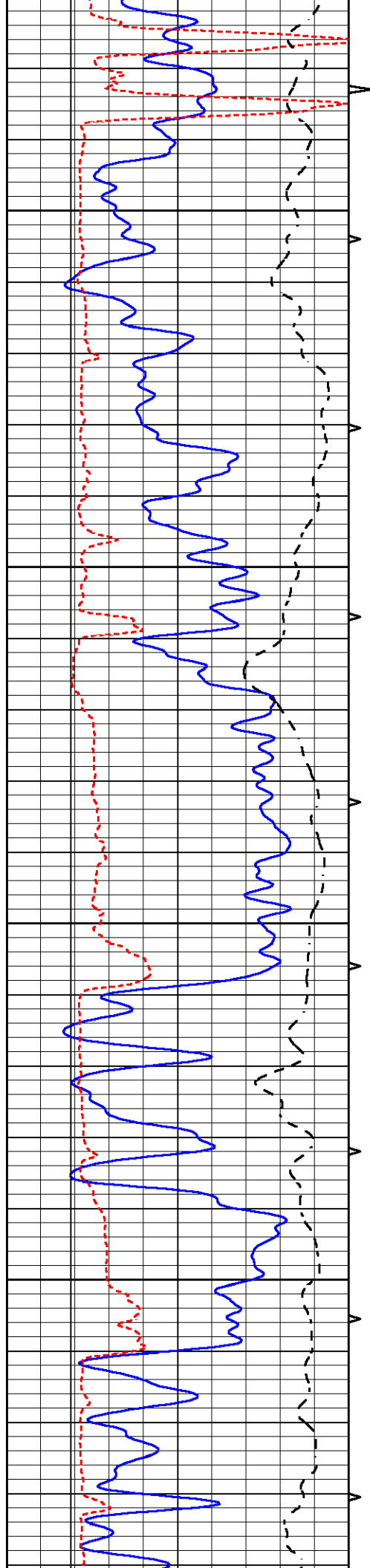










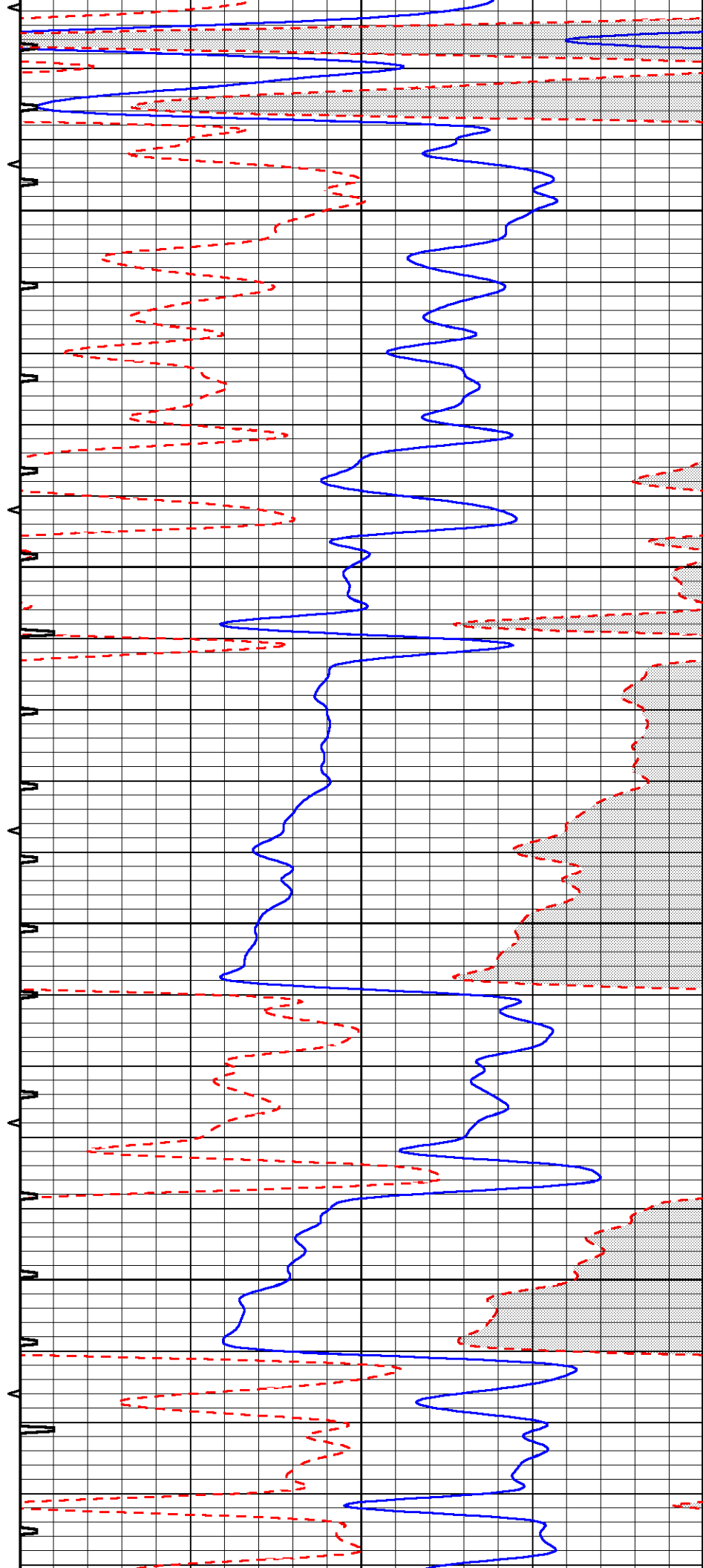


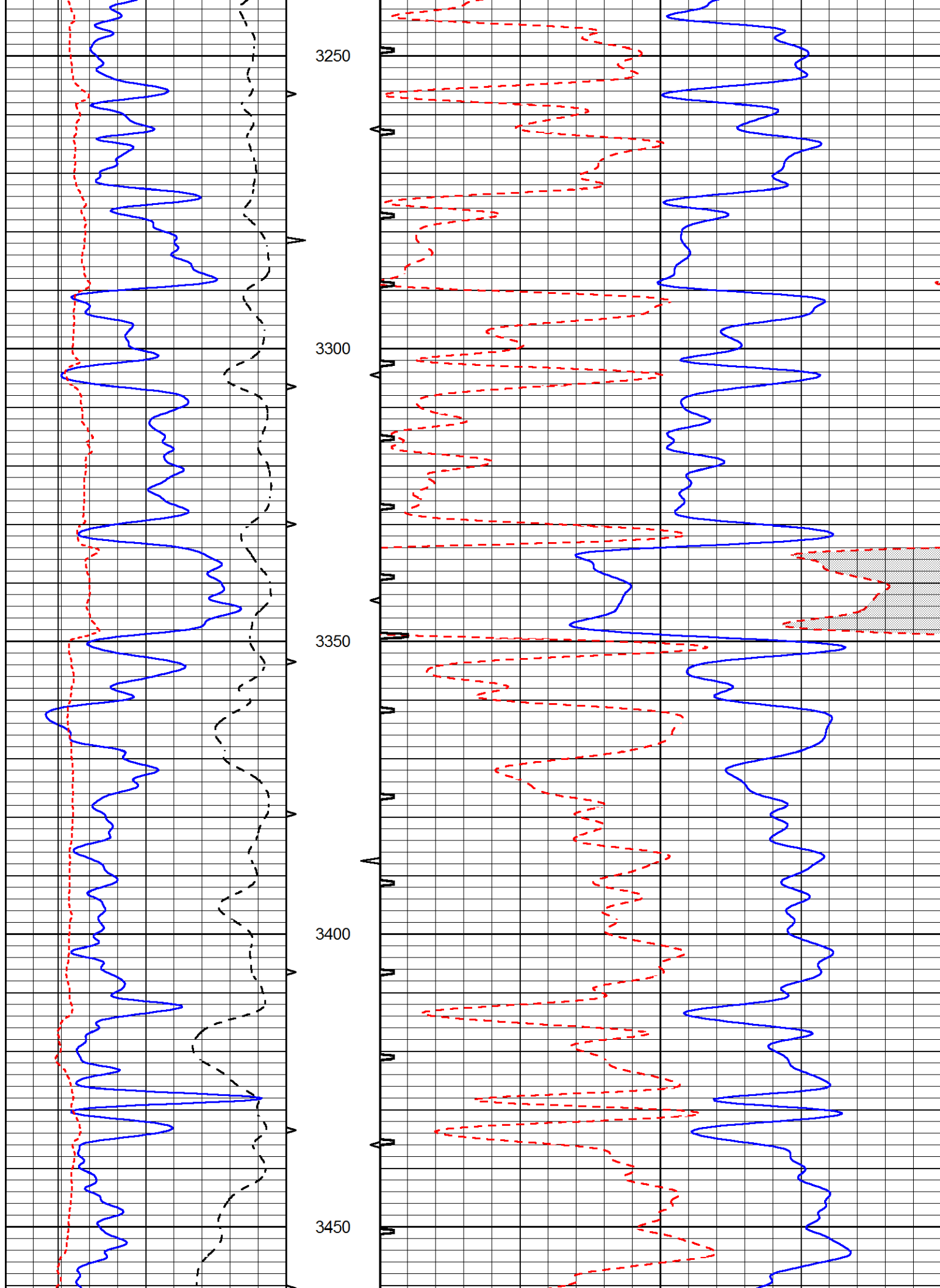
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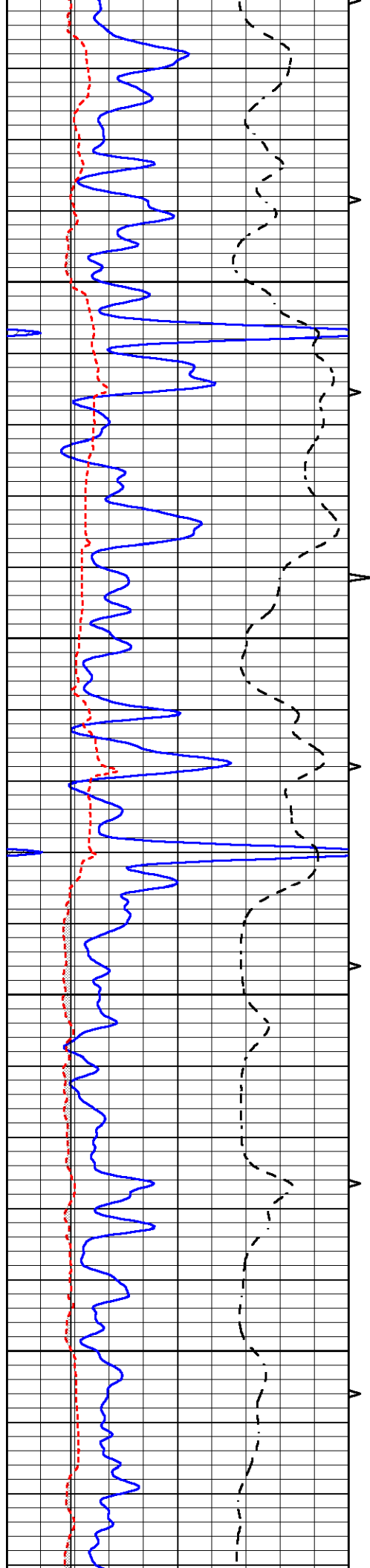
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3150

3200





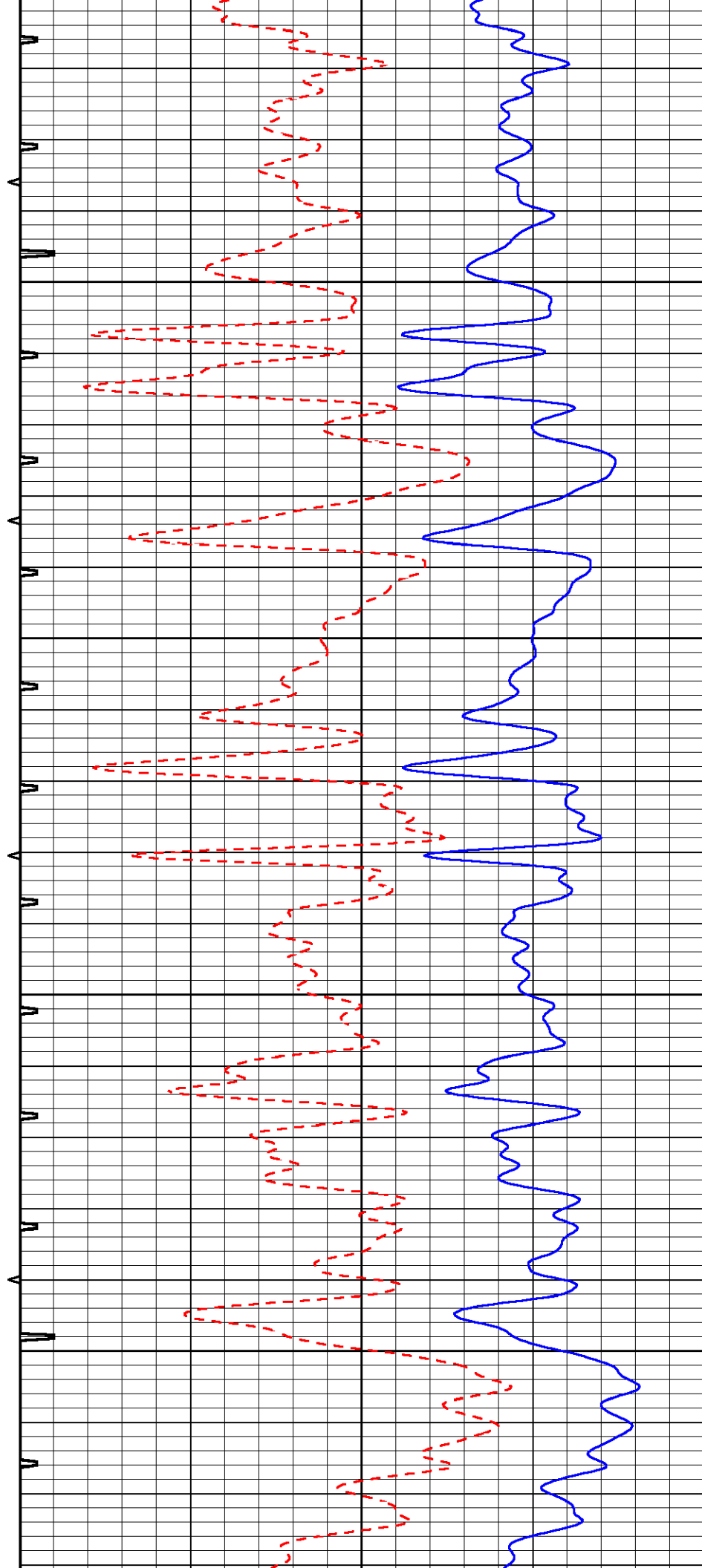


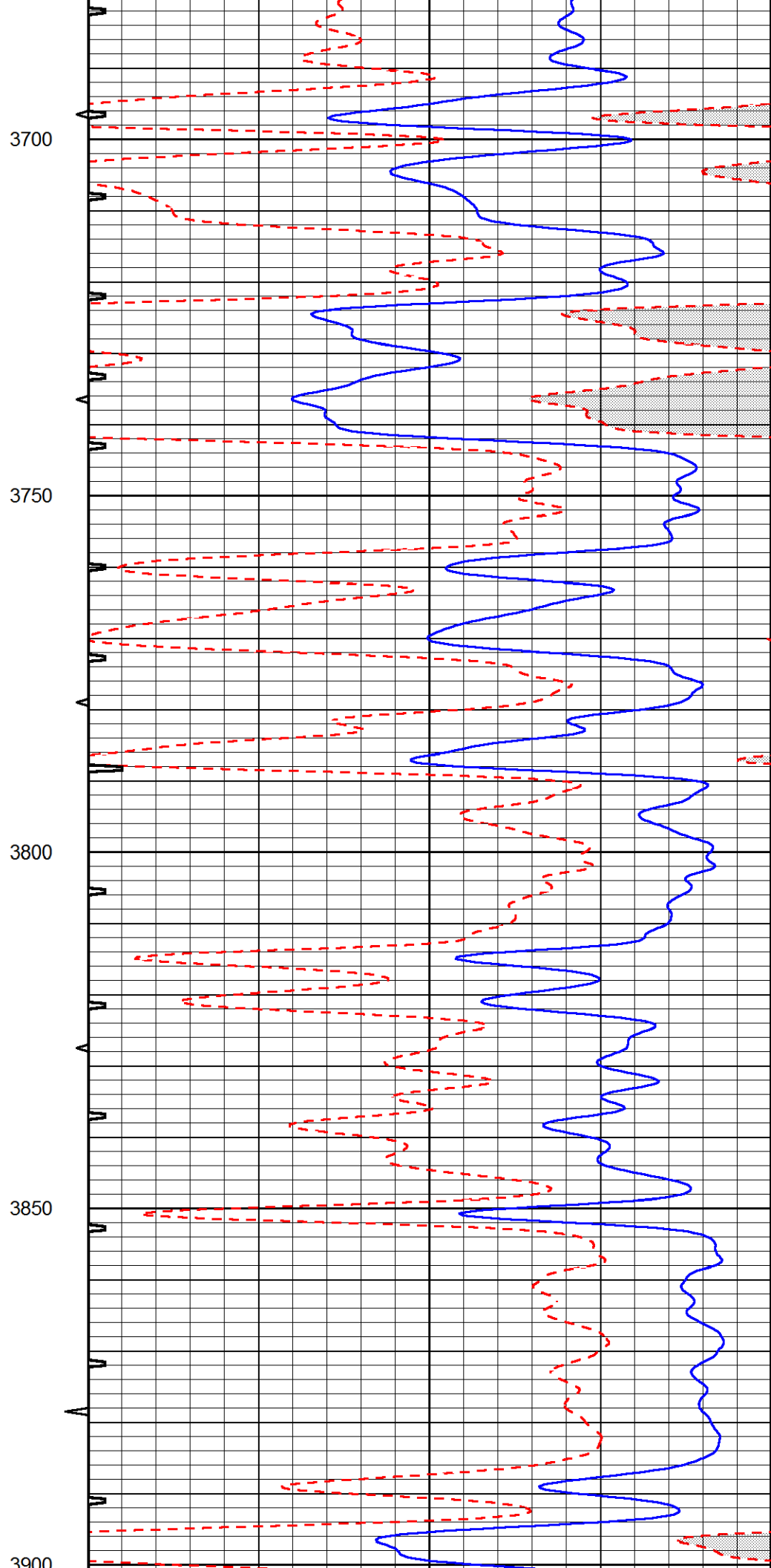
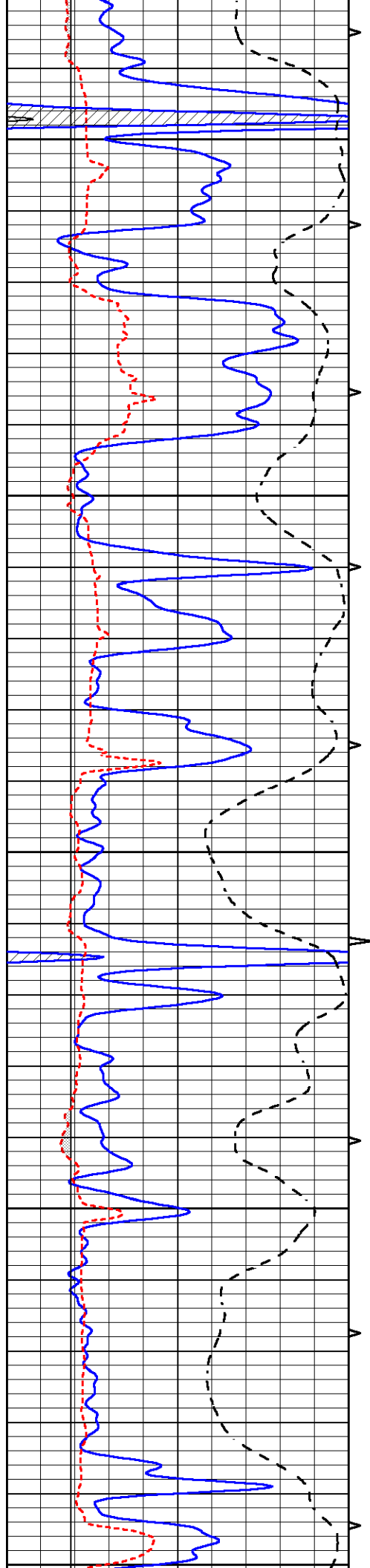
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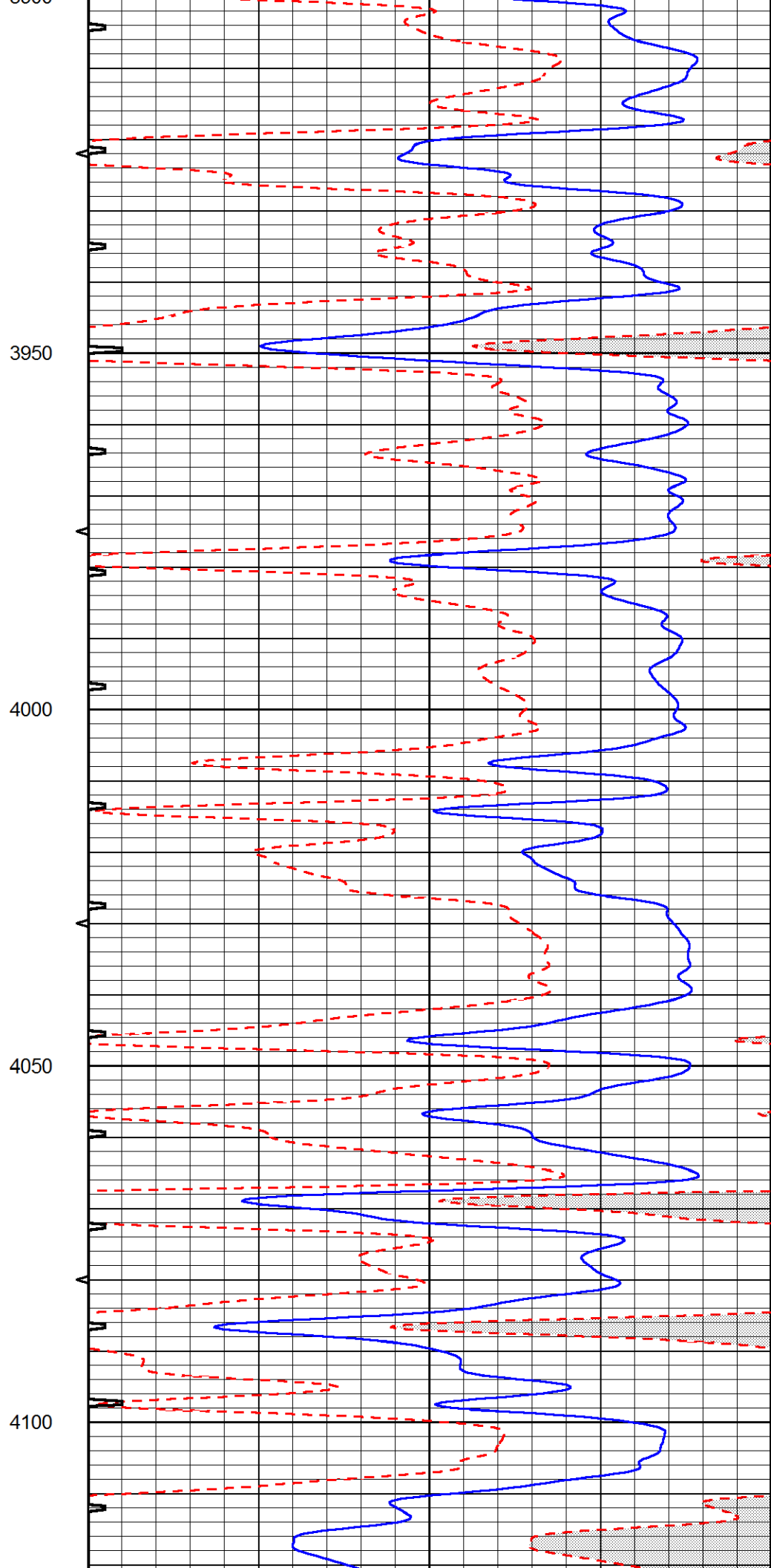
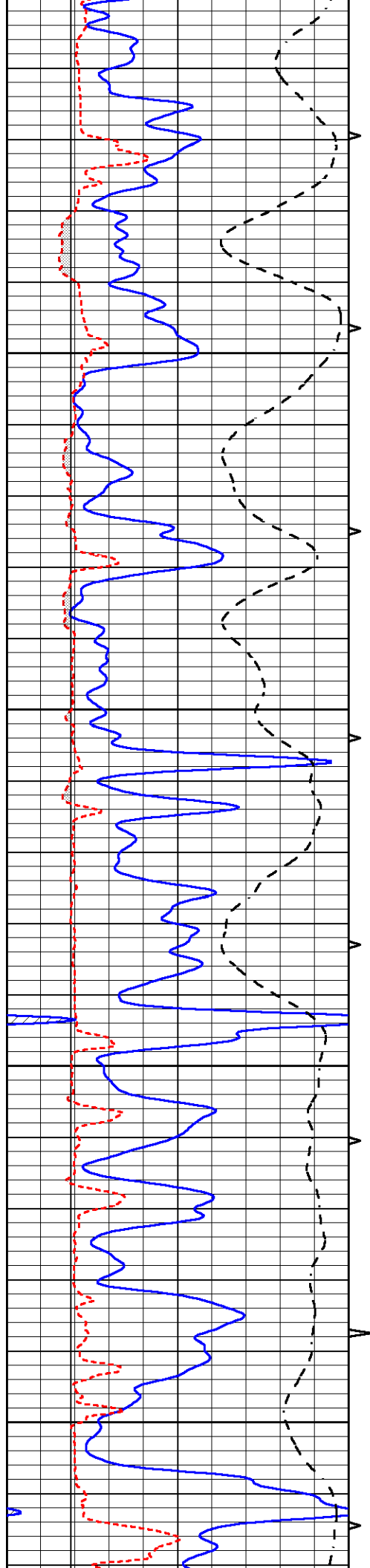
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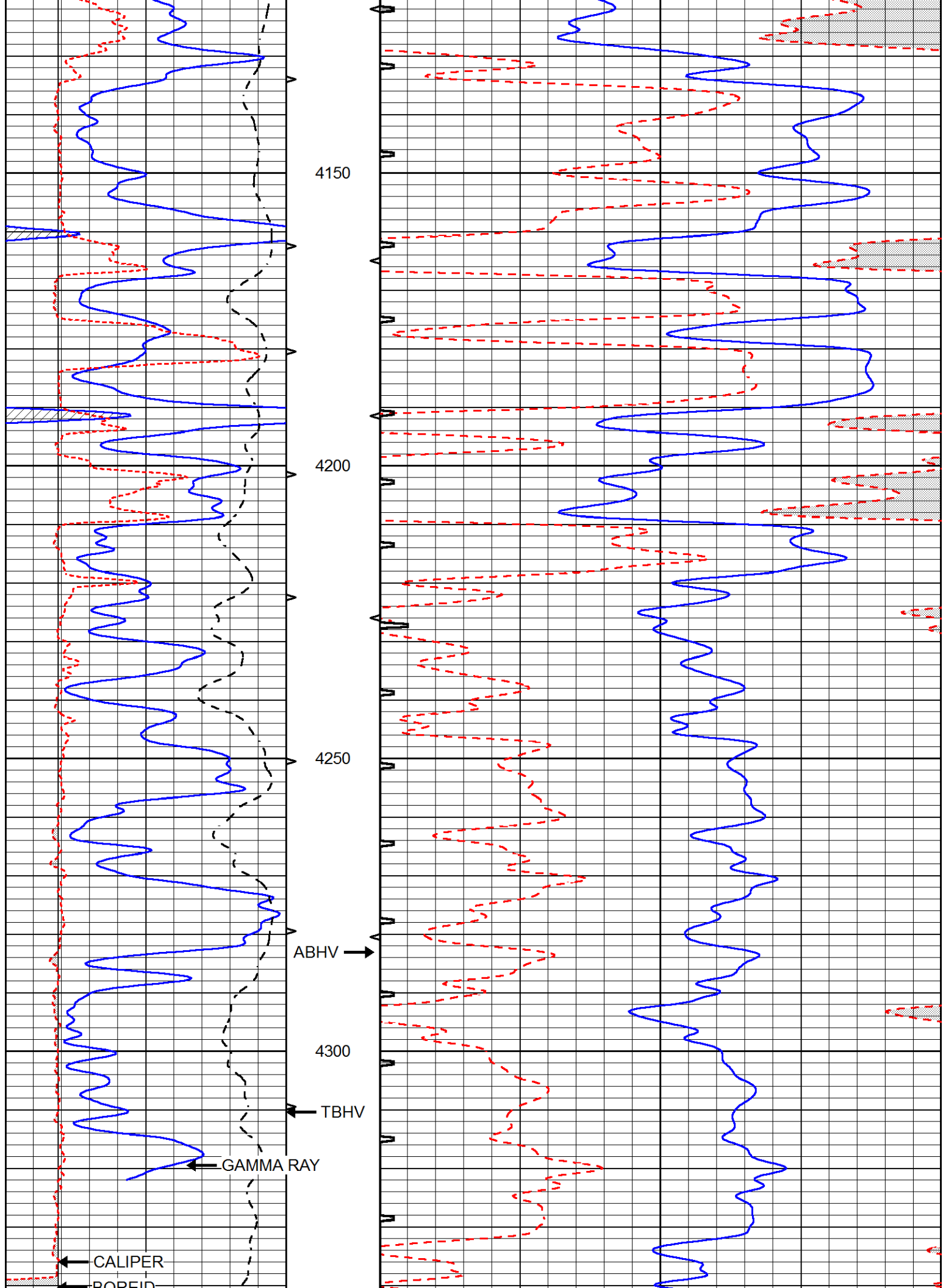
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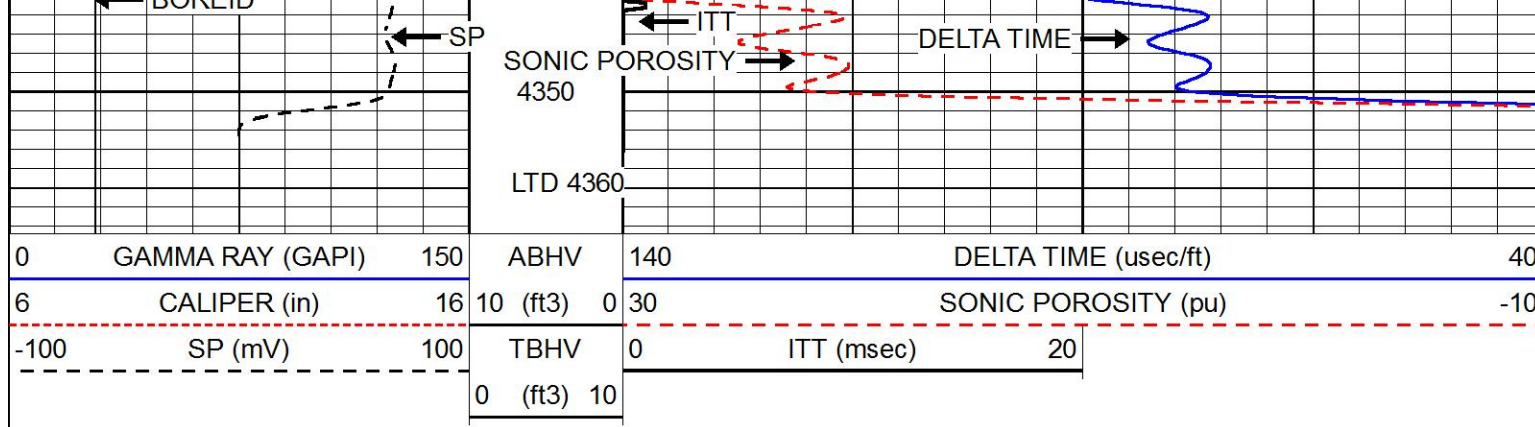
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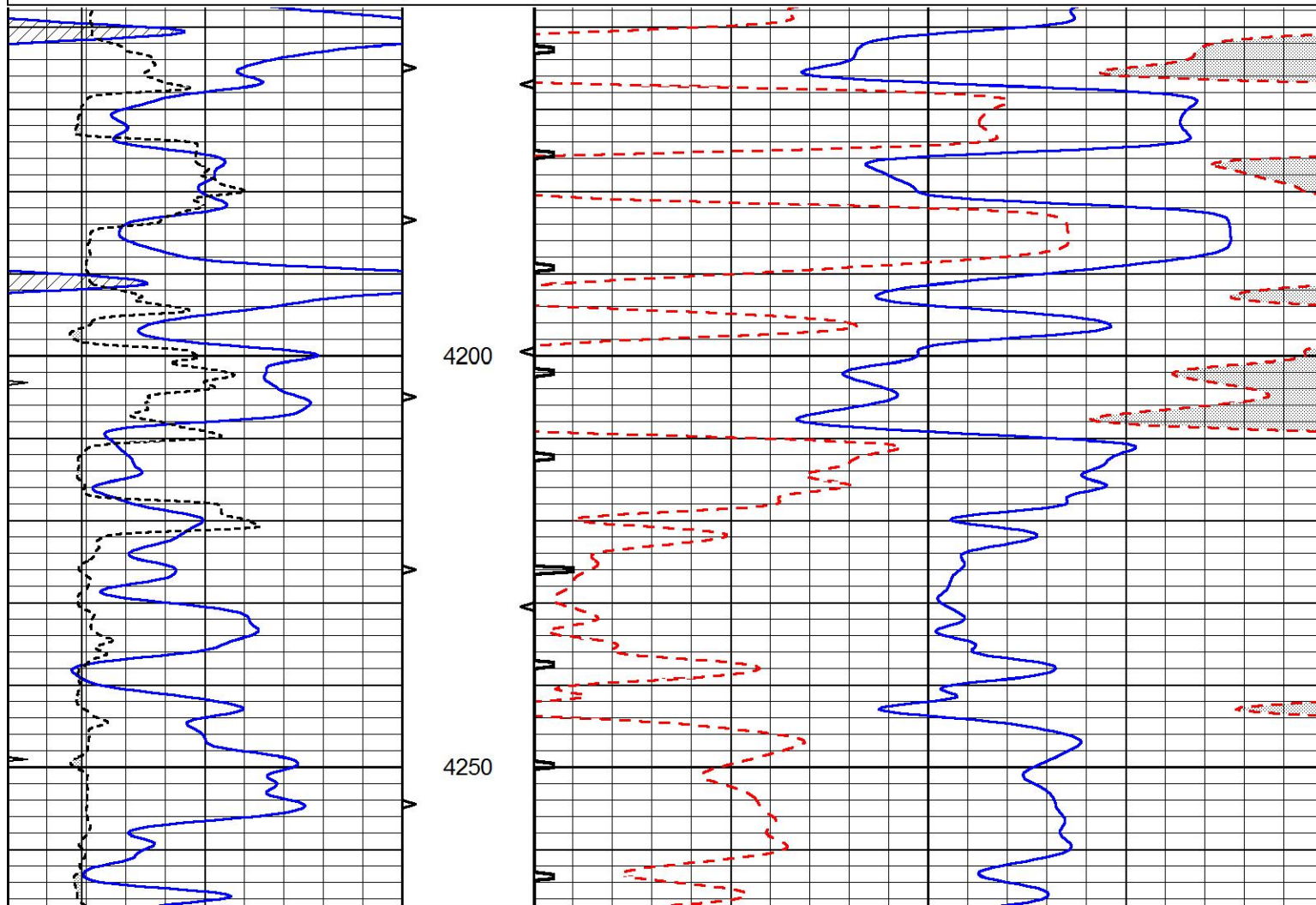
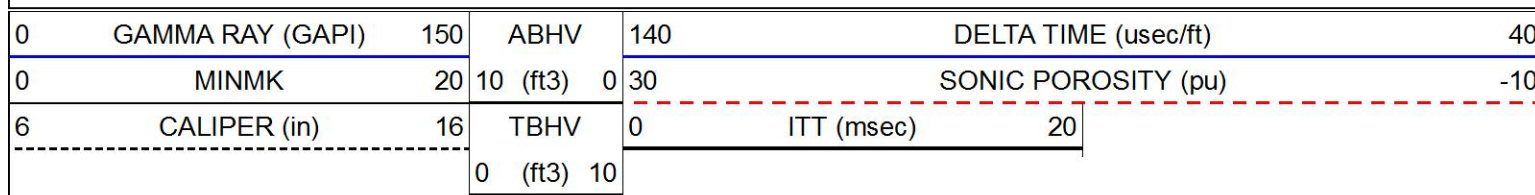


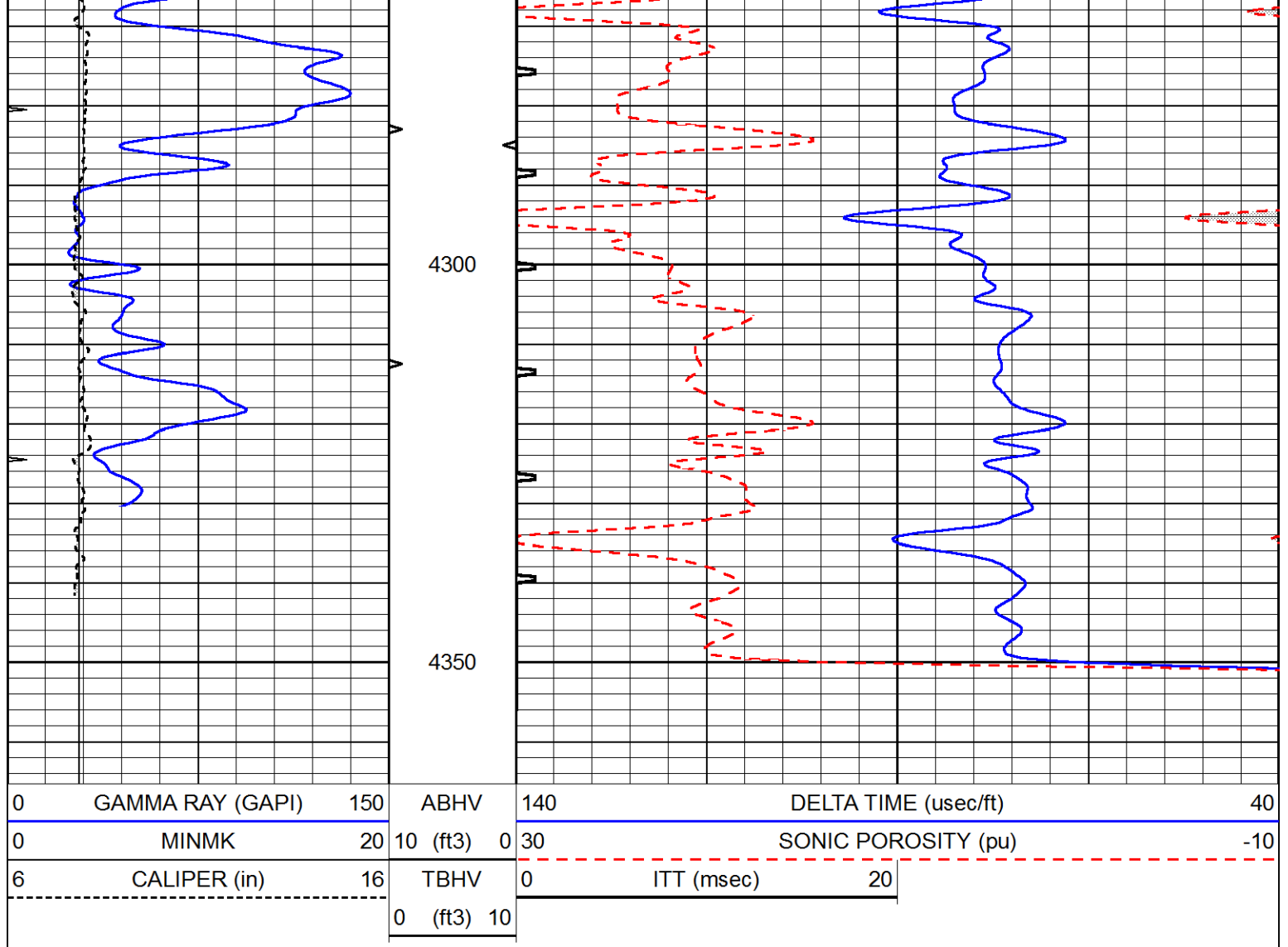




REPEAT SECTION

Database File 5049ddn.db
 Dataset Pathname pass4.1
 Presentation Format _slt
 Dataset Creation Sun Mar 14 00:30:36 2021
 Charted by Depth in Feet scaled 1:240





Database File		5049ddn.db		Calibration Report	
Dataset Pathname		pass4.1			
Dataset Creation		Sun Mar 14 00:30:36 2021			
MICRO Calibration Report					
Serial Number:		Micro1			
Tool Model:		ProbeL			
Performed:		Sat Mar 13 23:51:52 2021			
Caliper Calibration:		Gain=2.969		Offset=4.057	
References		Low Cal		High Cal	
Readings		8.500		13.500	
		0.809		2.493	
1.5" Calibration:		Gain=36.134		Offset=1.000	
References		Low Cal		High Cal	
Readings		0.000		20.000	
		0.004		0.832	
2" Calibration:		Gain=38.000		Offset=1.200	
References		Low Cal		High Cal	
Readings		0.000		20.000	
		0.022		0.793	

Gamma Ray Calibration Report

Serial Number: GR5
Tool Model: OPEN
Performed: Thu Jul 30 23:16:16 2020

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.6000 GAPI/cps