

SONIC LOG

Company	WHITE EXPLORATION INC.	Location:	API # : 15-007-24367-0000	Other Services CDL/CNL/MEL DIL
Well	SPENCER'S BLUFFS #1-21	SEC 21 TWP 31S RGE 12W		
Field	WILDCAT	3590' FSL & 880' FEL		
County	BARBER			
State	KANSAS			
Permanent Datum	GROUND LEVEL	Elevation	1639	K.B. 1646 D.F. 1642 G.L. 1639
Log Measured From	KELLY BUSHING 7' A.G.L.			
Drilling Measured From	KELLY BUSHING			
Date	03/12/20			
Run Number	TWO			
Depth Driller	4680			
Depth Logger	4677			
Bottom Logged Interval	4667			
Top Log Interval	00			
Casing Driller	8 5/8" @ 348			
Casing Logger	348			
Bit Size	7 7/8"			
Type Fluid in Hole	CHEMICAL MUD			
Density / Viscosity	9.3/51			
pH / Fluid Loss	10.5/10.4			
Source of Sample	FLOWLINE			
Rm @ Meas. Temp	.52 @ 62F			
Rmf @ Meas. Temp	.39 @ 62F			
Rmc @ Meas. Temp	.62 @ 62F			
Source of Rmf / Rmc	MEASURED			
Rm @ BHT	.26 @ 122F			
Time Circulation Stopped	2 HOURS			
Time Logger on Bottom	////			
Maximum Recorded Temperature	122F			
Equipment Number	1523			
Location	HAYS, KANSAS			
Recorded By	GUS PFANENSTIEL			
Witnessed By	ANDY WHITE			

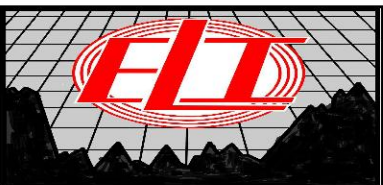
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

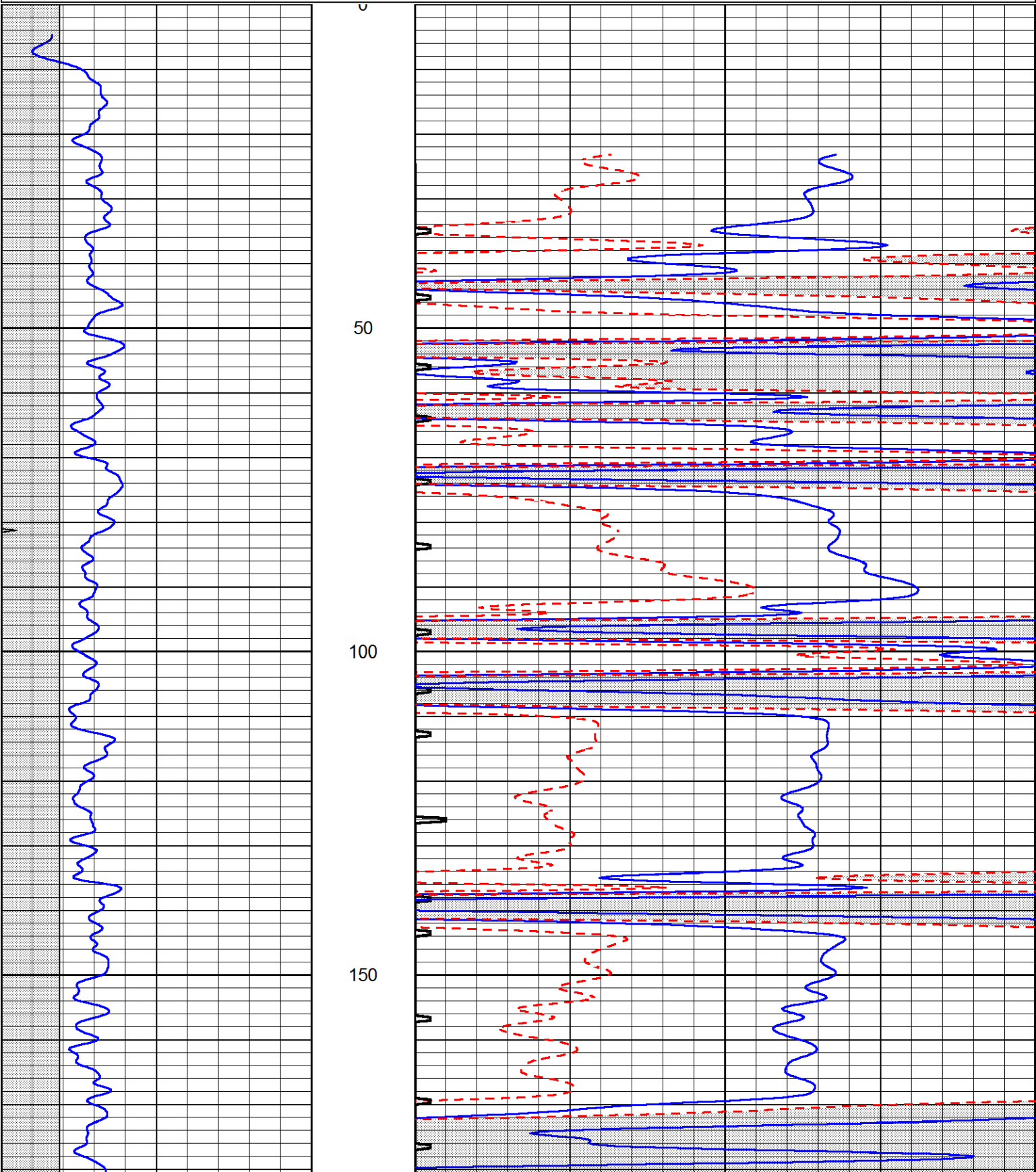
DIRECTIONS: SUN CITY RD FROM MEDICINE WEST 3 MILES TO SPRING CREEK RD.
NORTH 3.3 MILES, SE INTO.

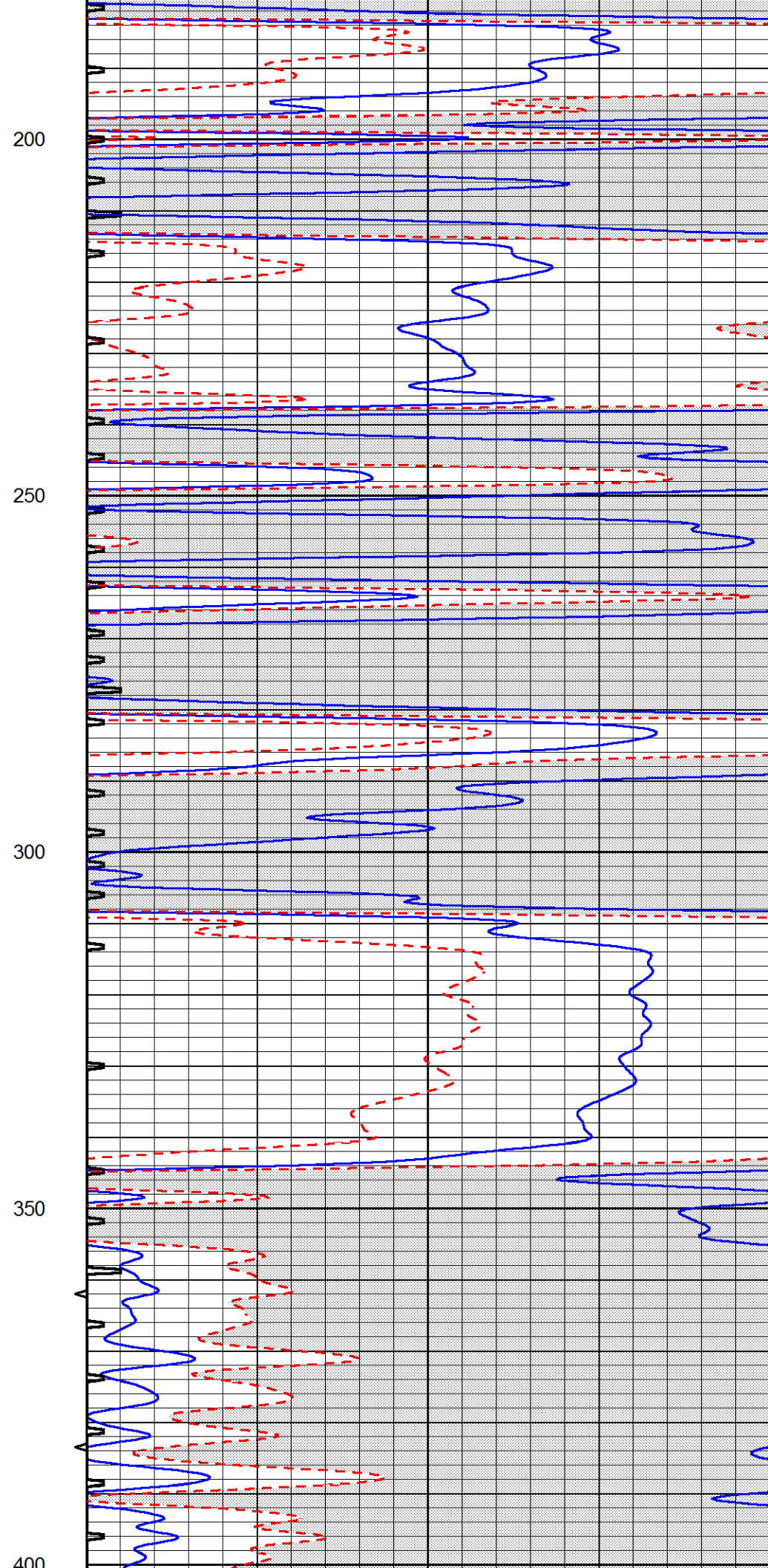
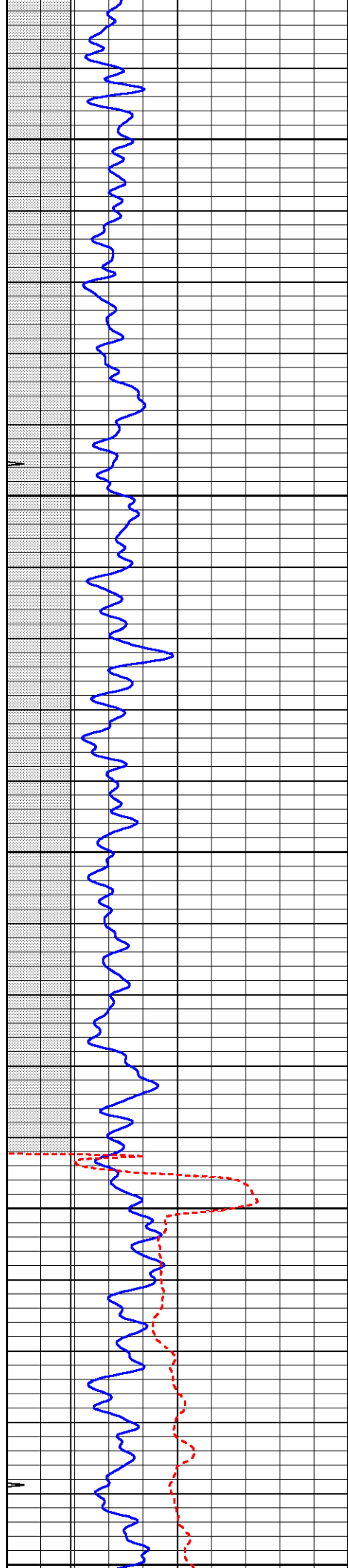


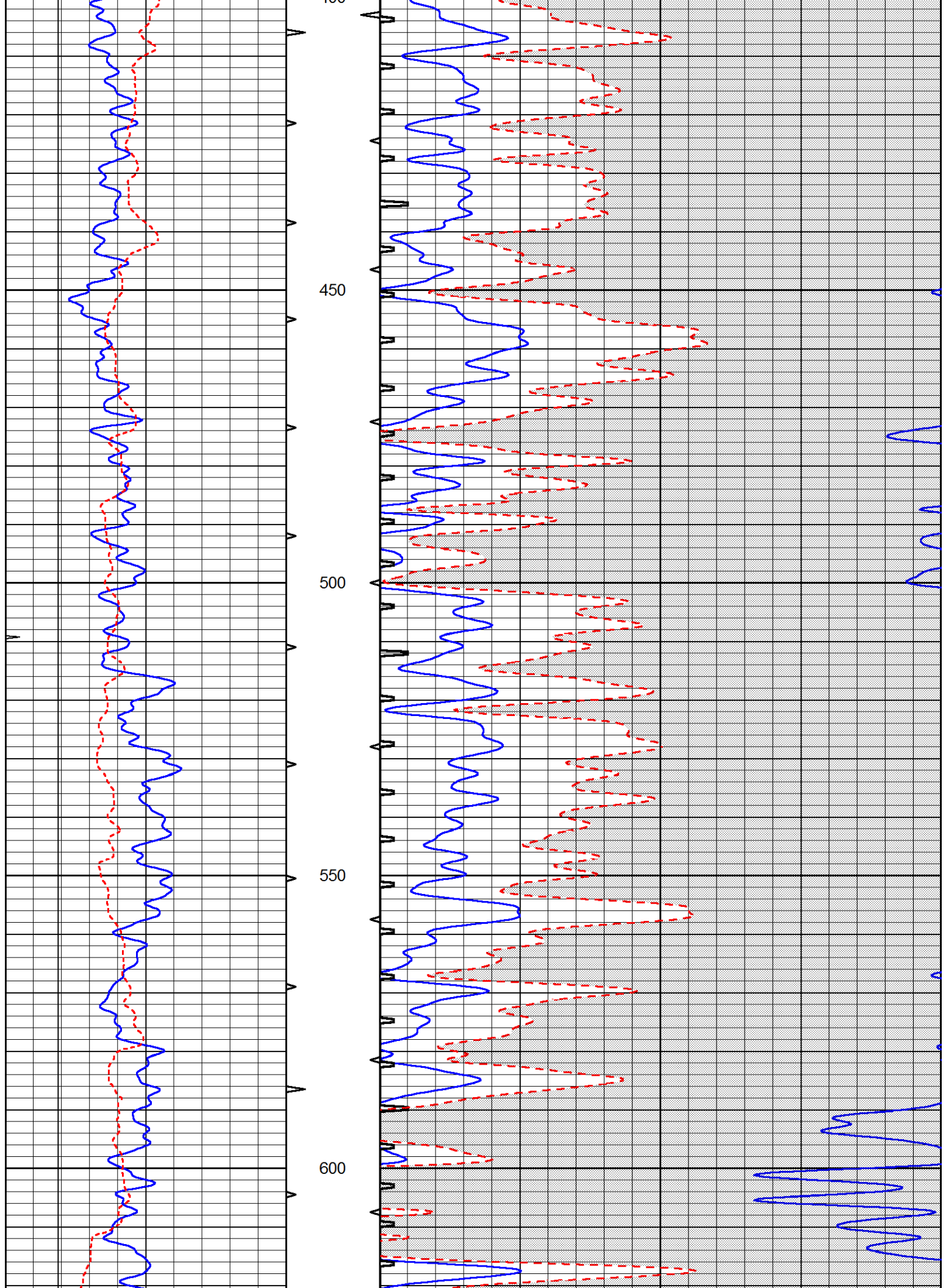
MAIN PASS

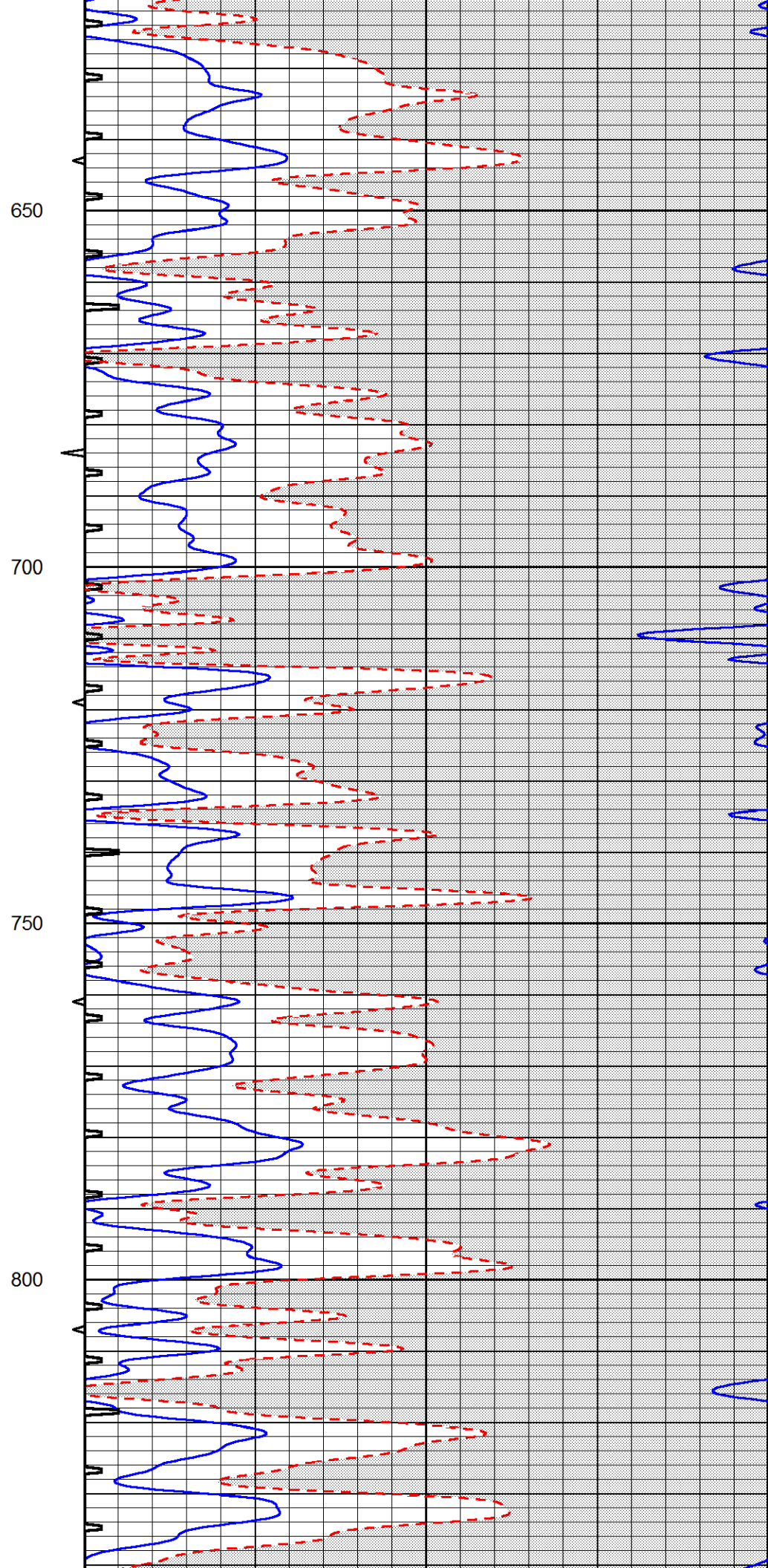
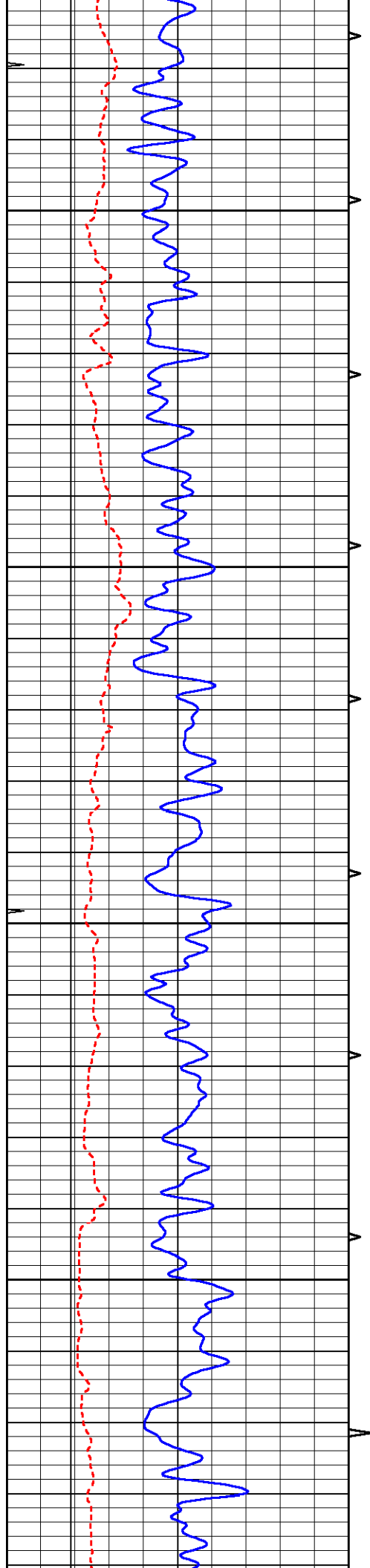
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Dataset Pathname	pass7SON
Presentation Format	_slt
Dataset Creation	Thu Mar 12 12:56:57 2020
Charted by	Depth in Feet scaled 1:240

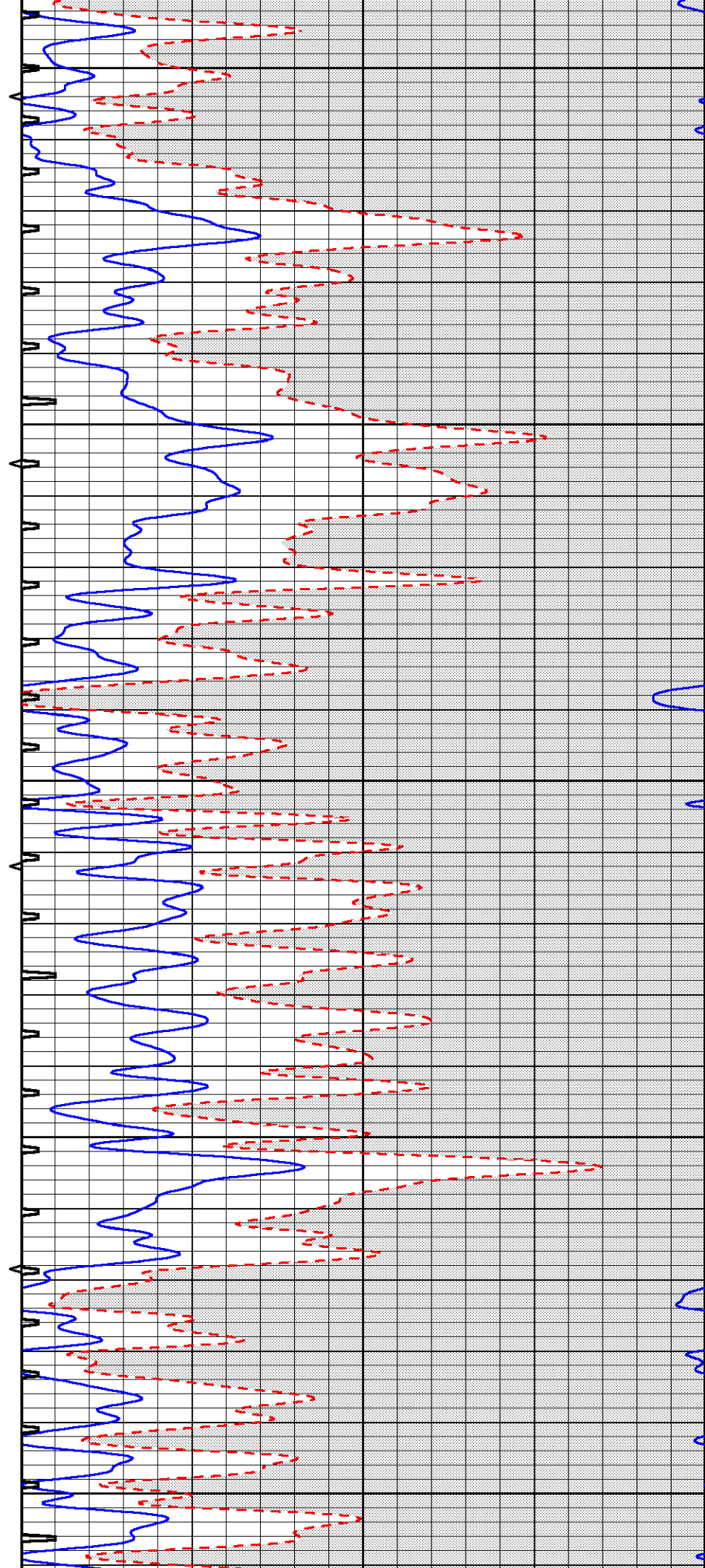
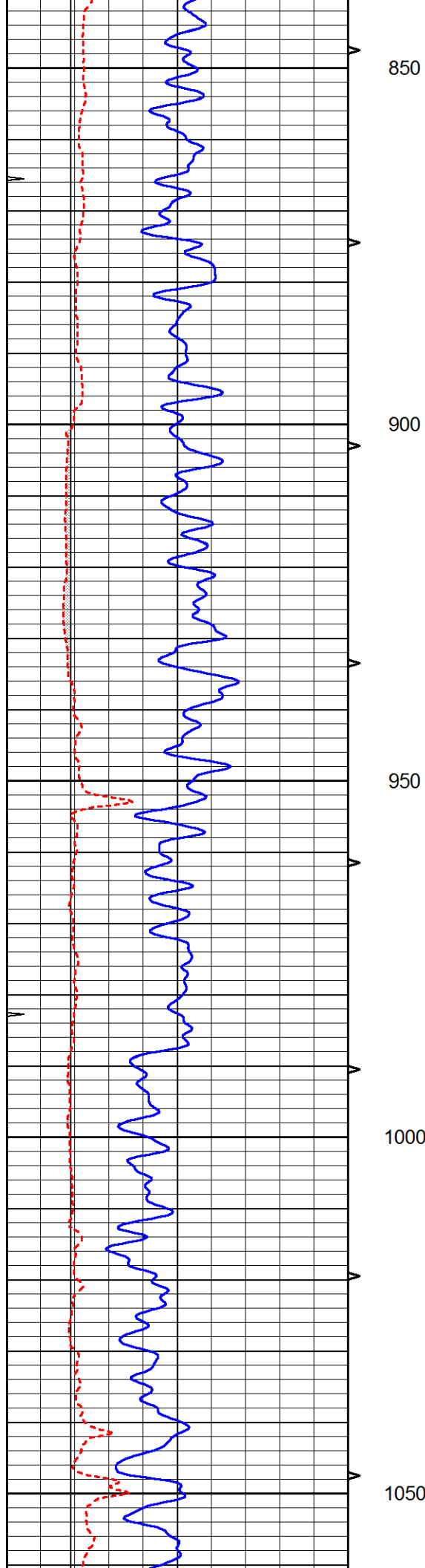
0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3) 10			

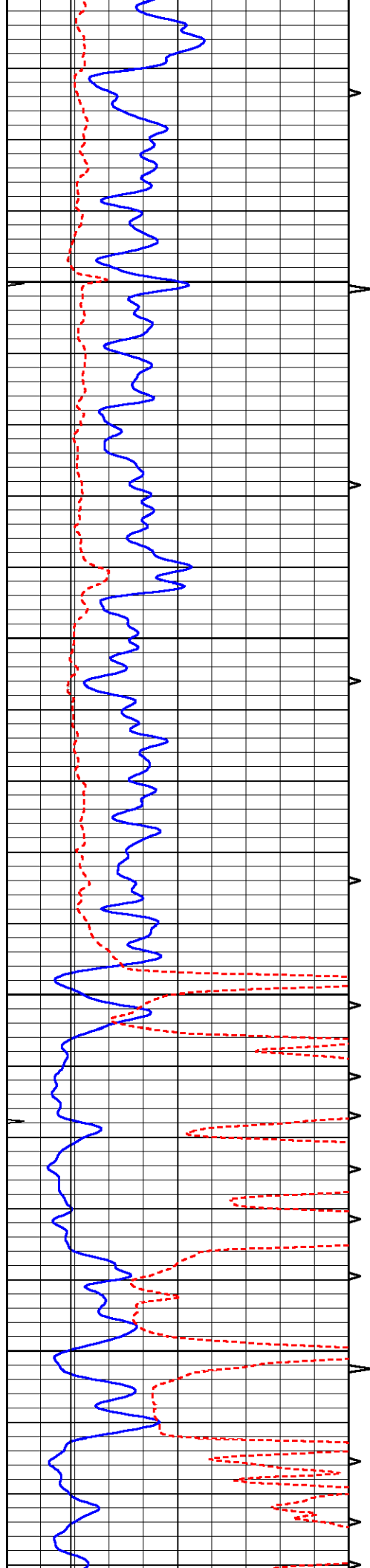










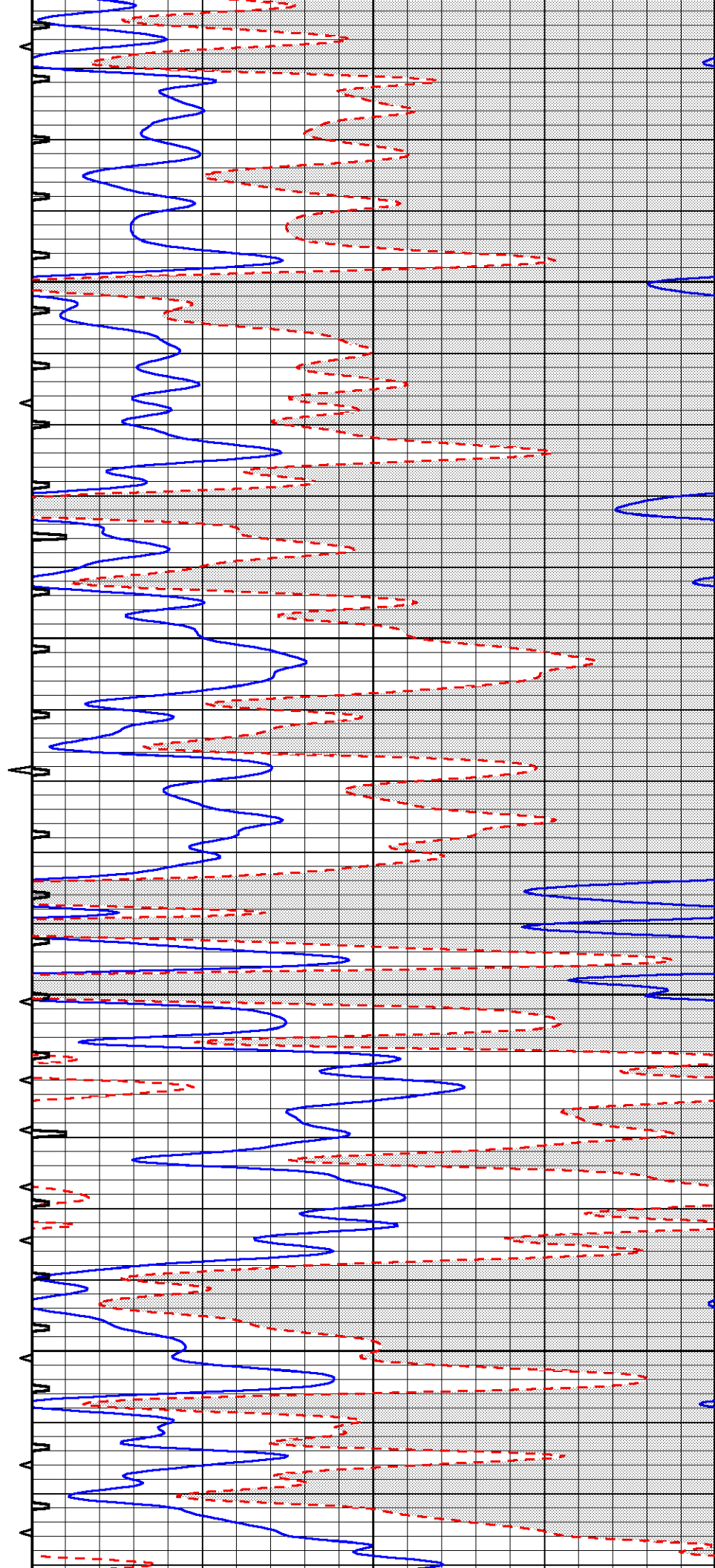


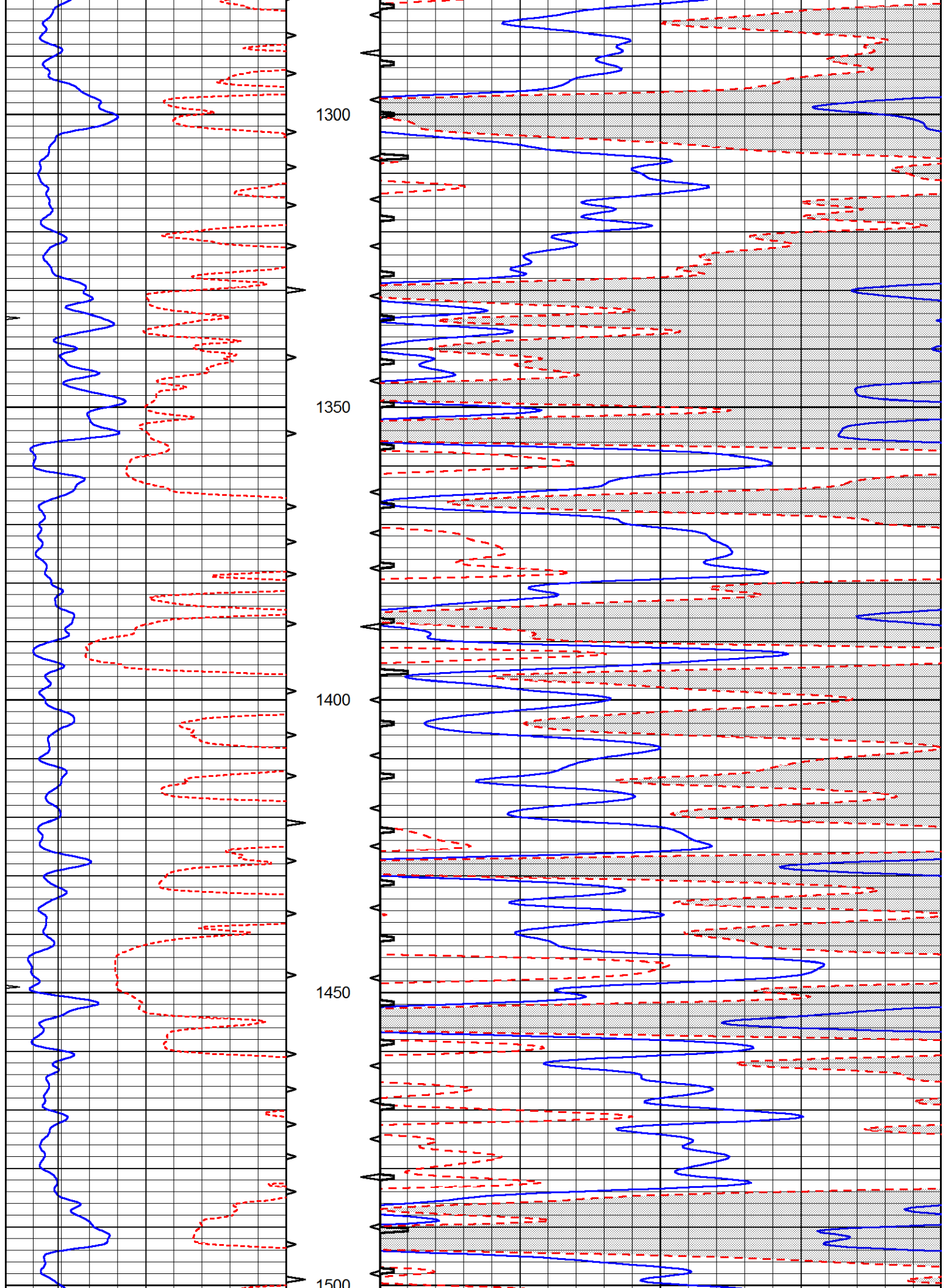
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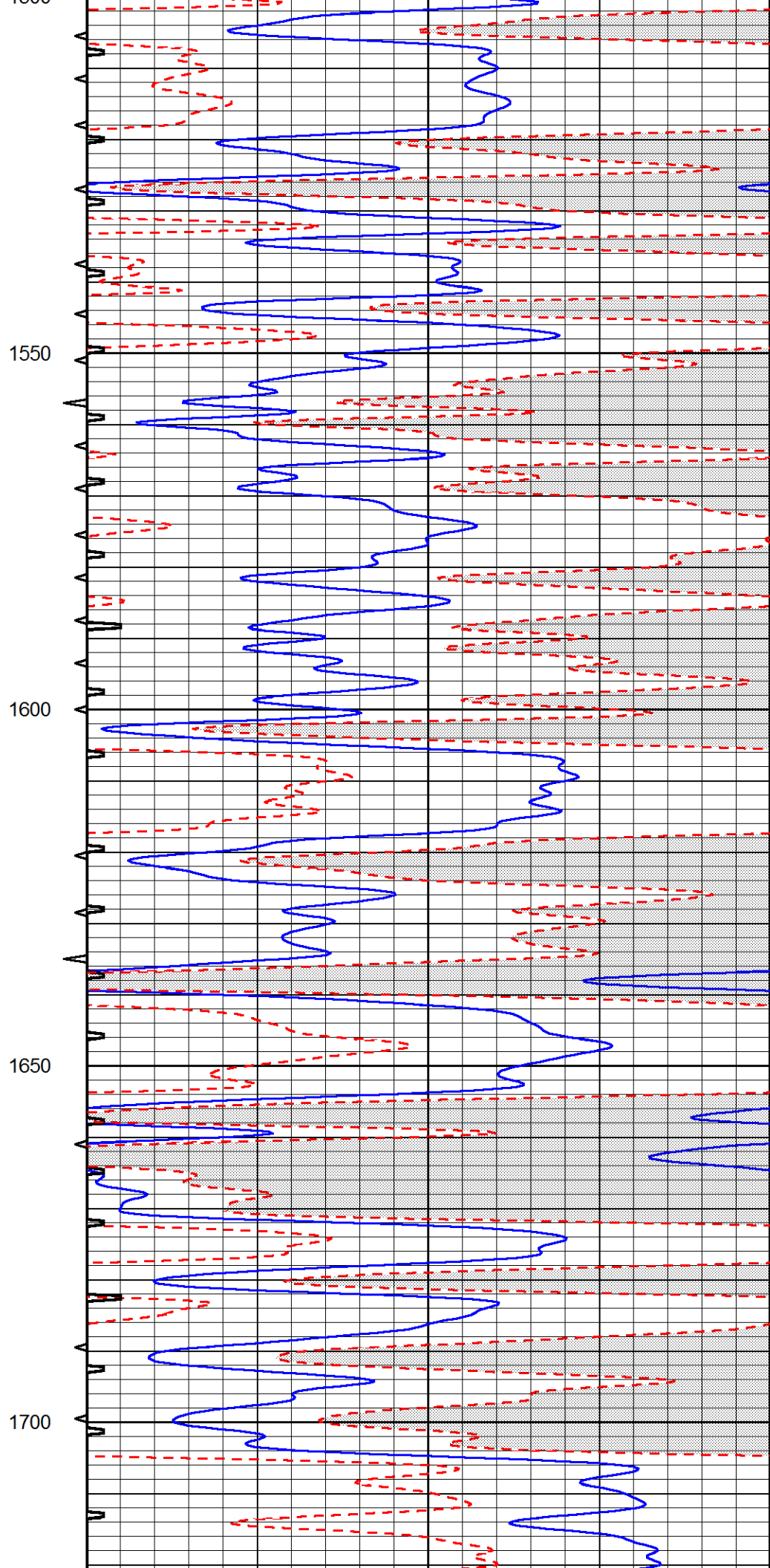
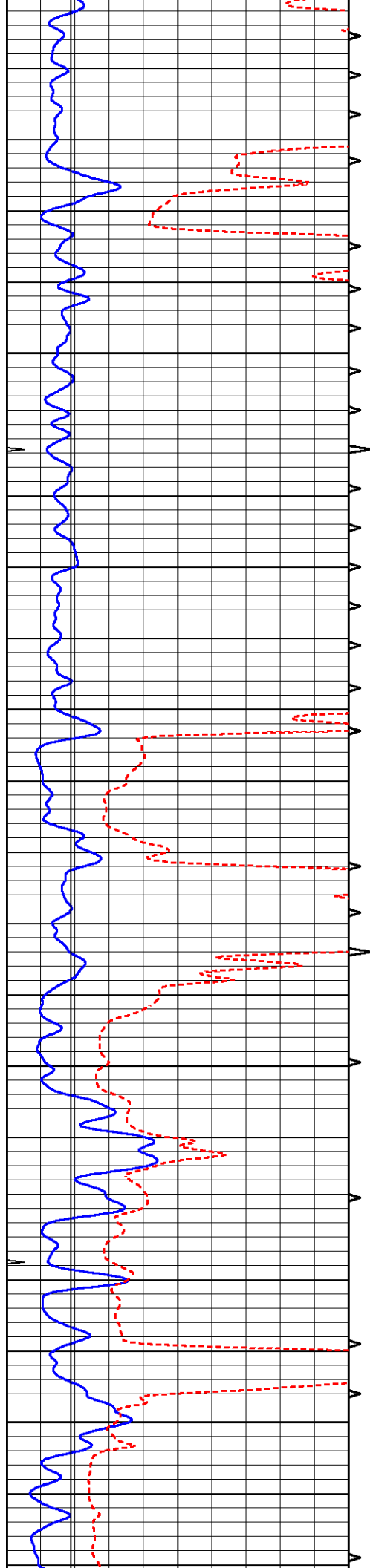
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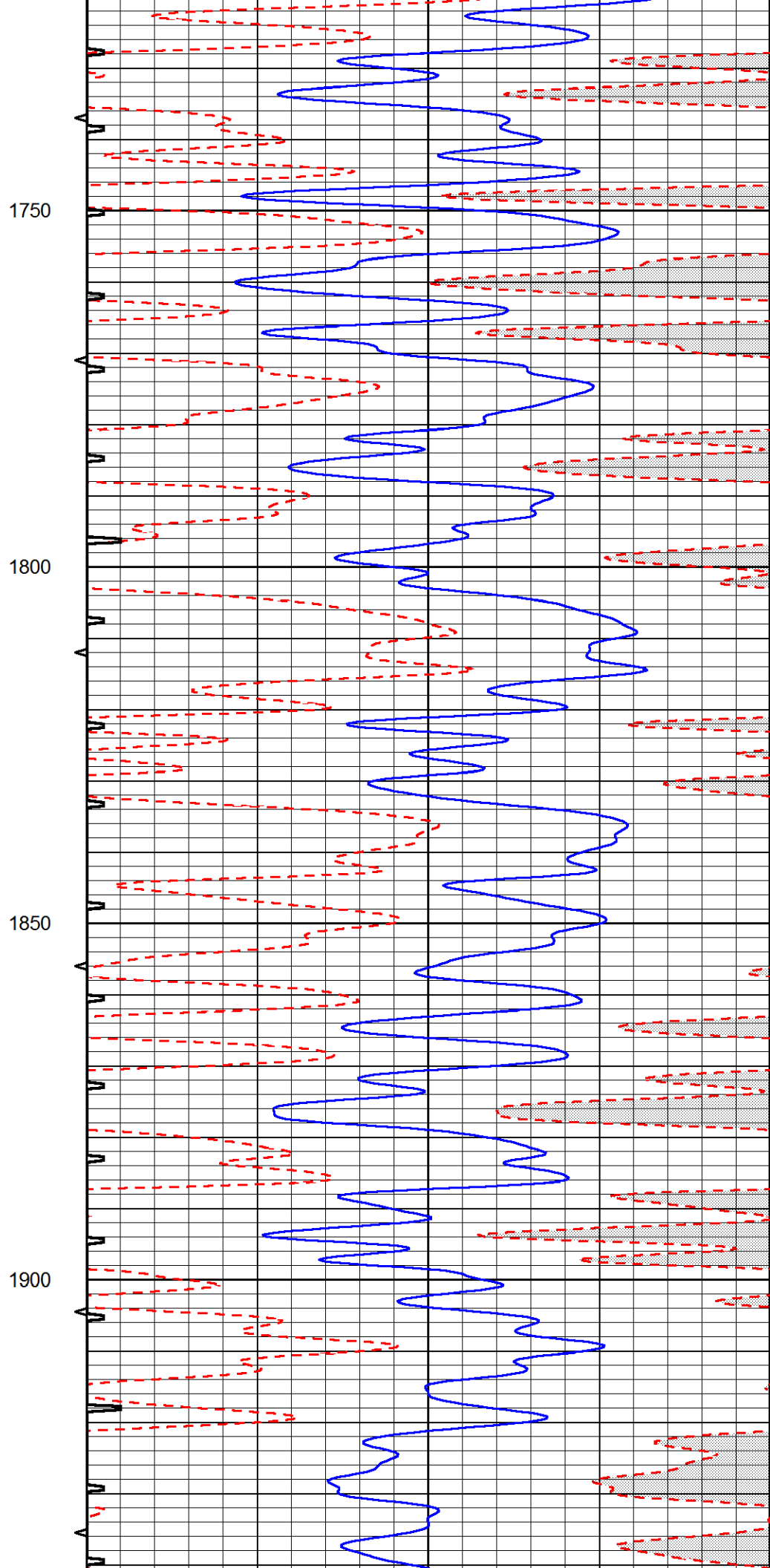
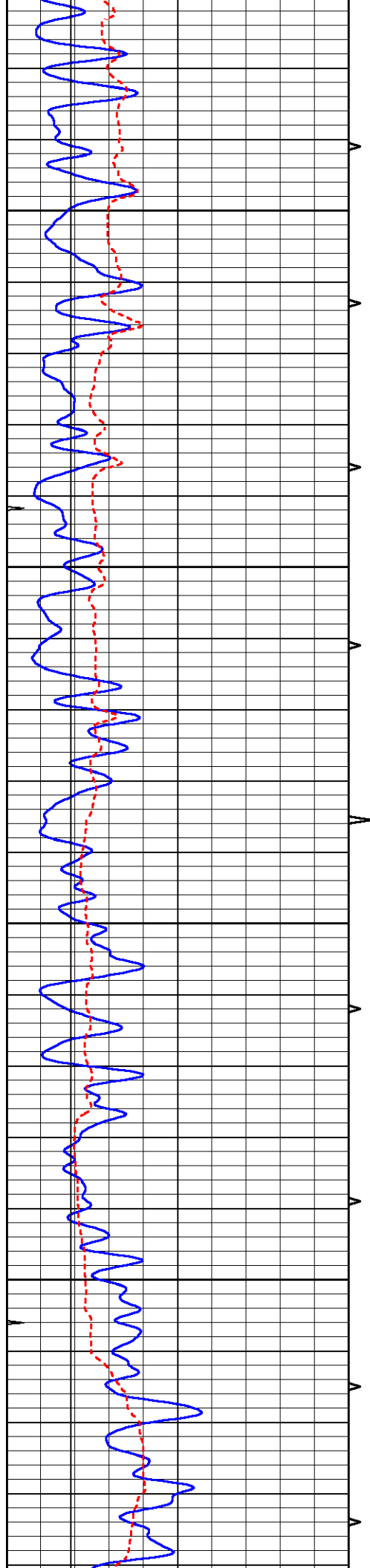
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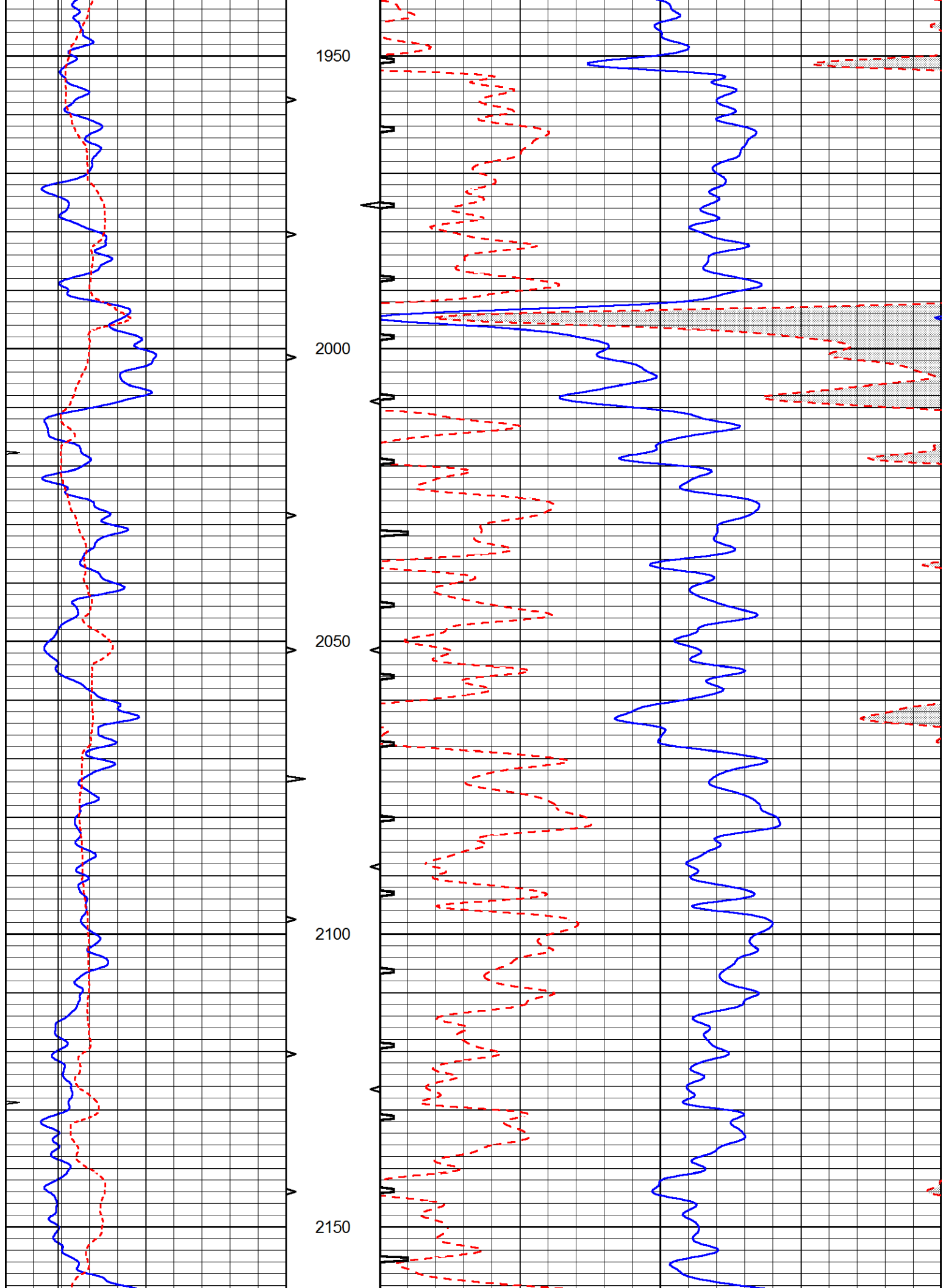
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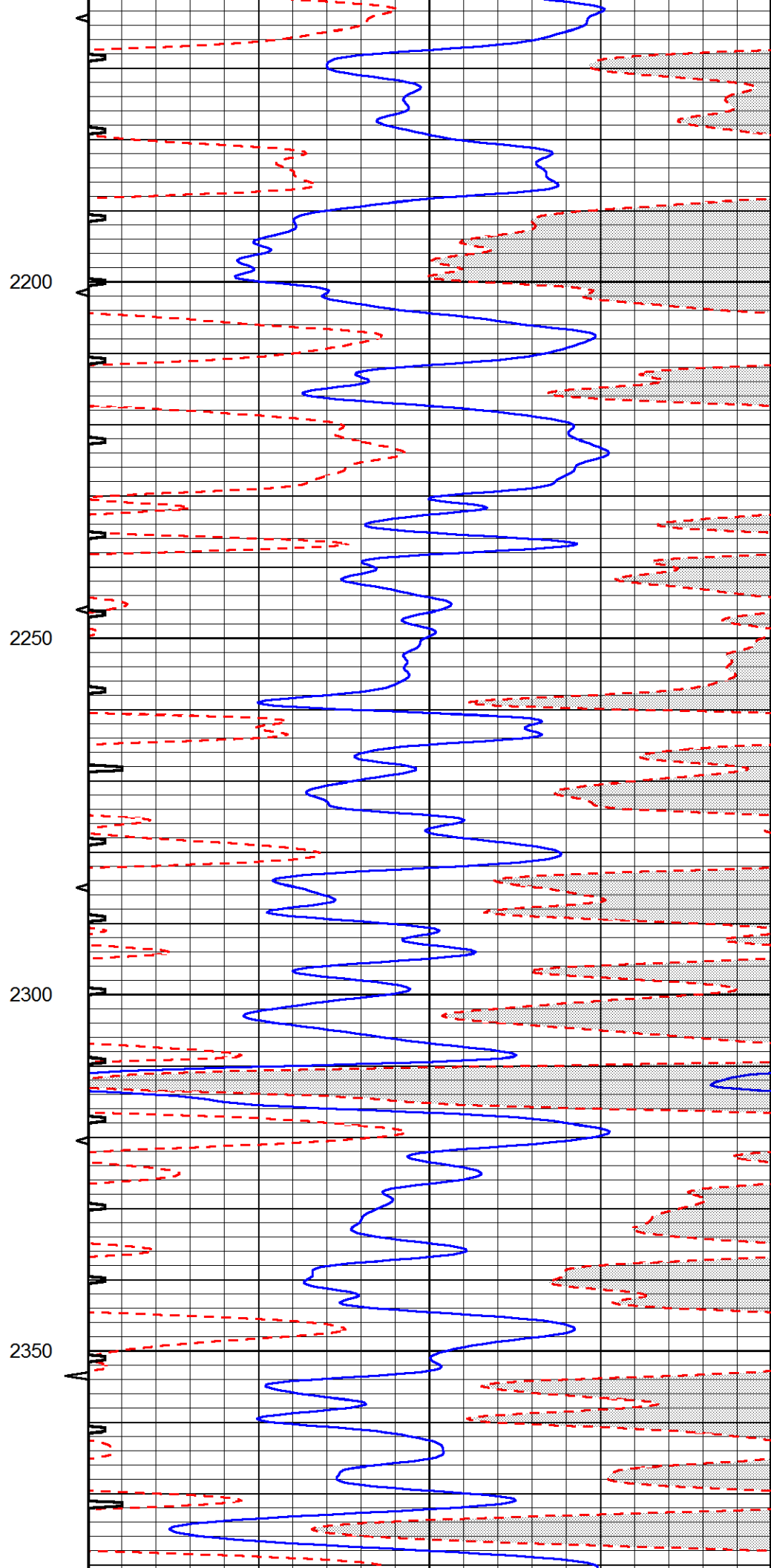
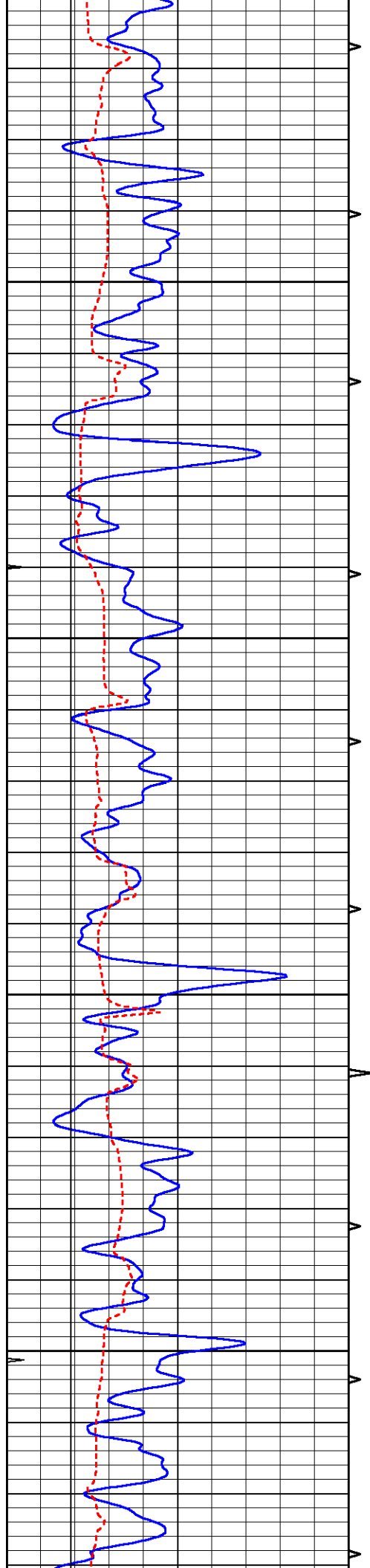


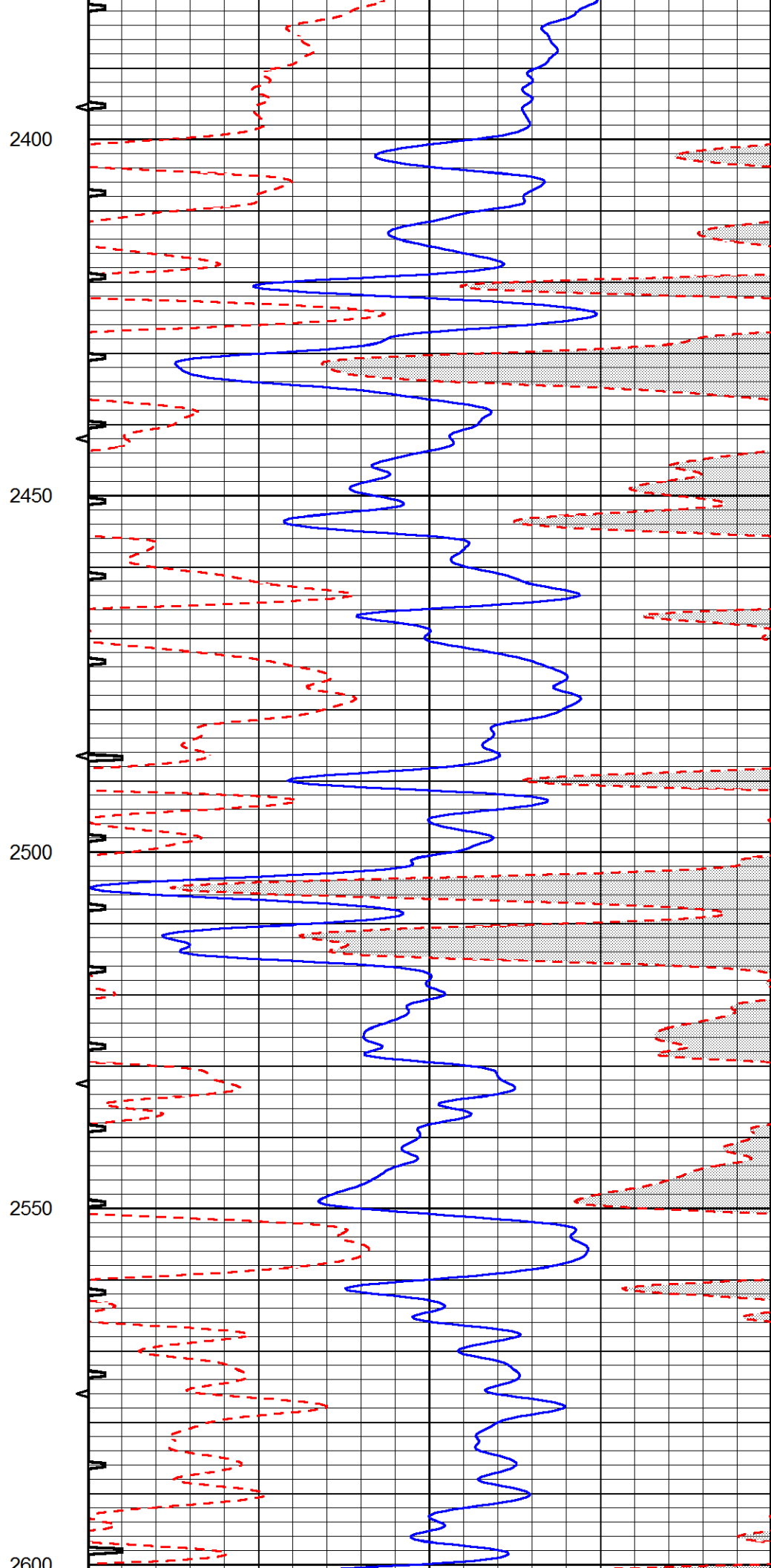
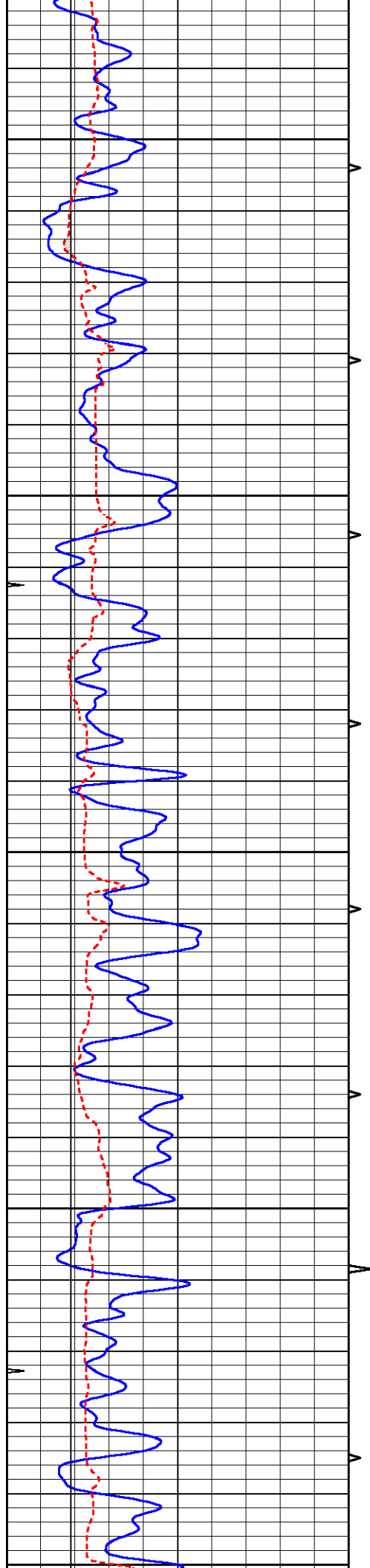


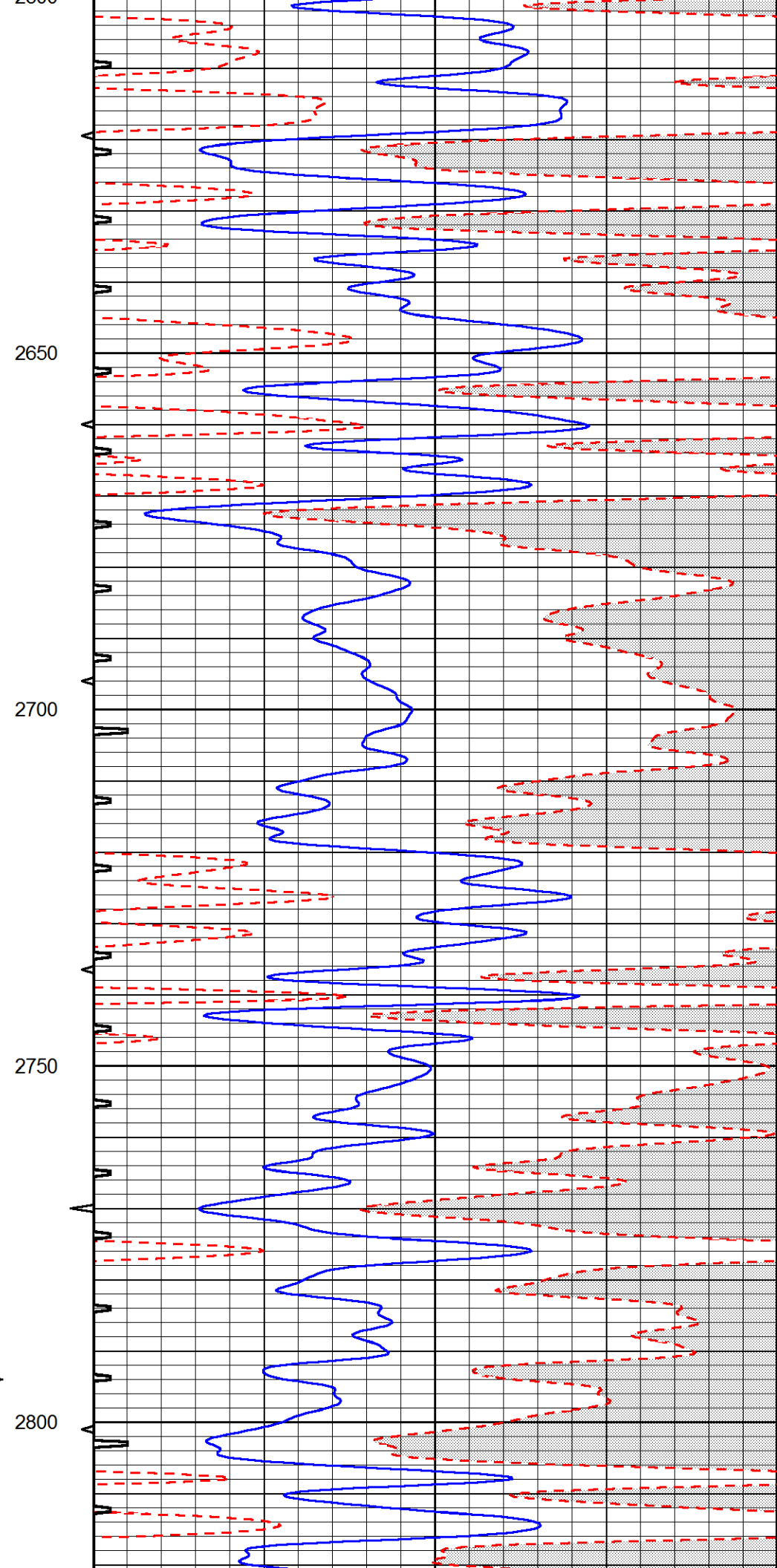
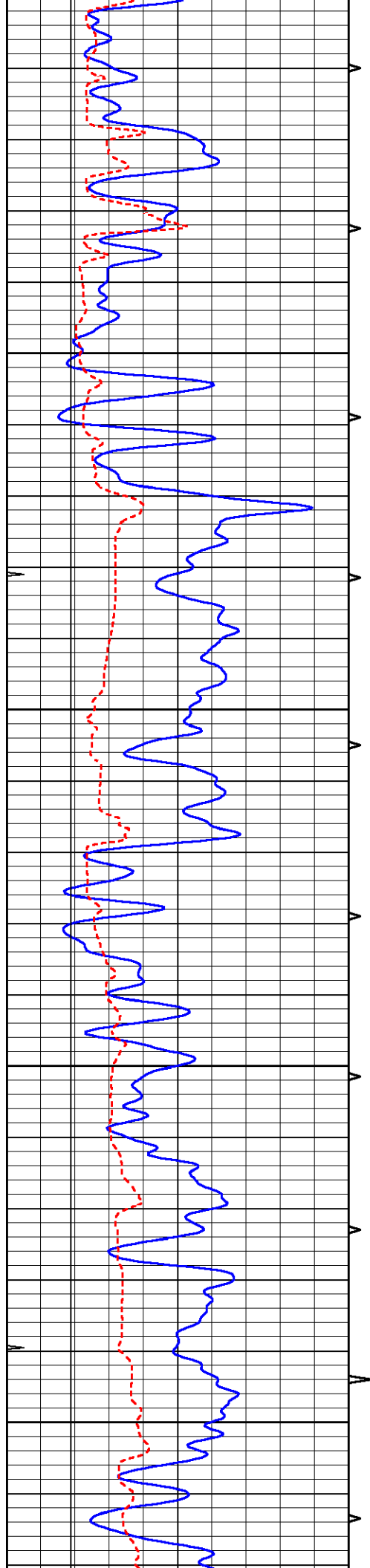


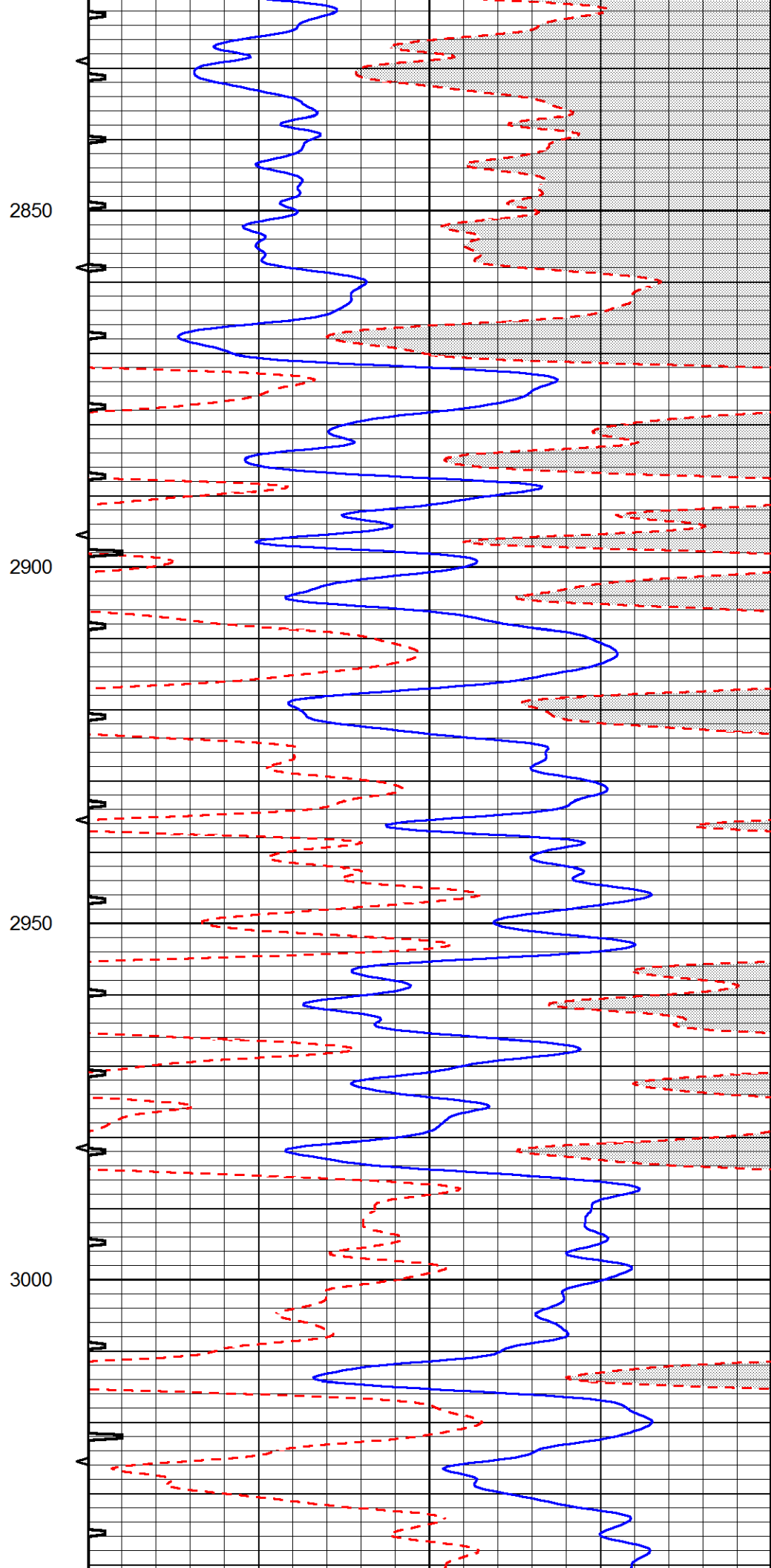
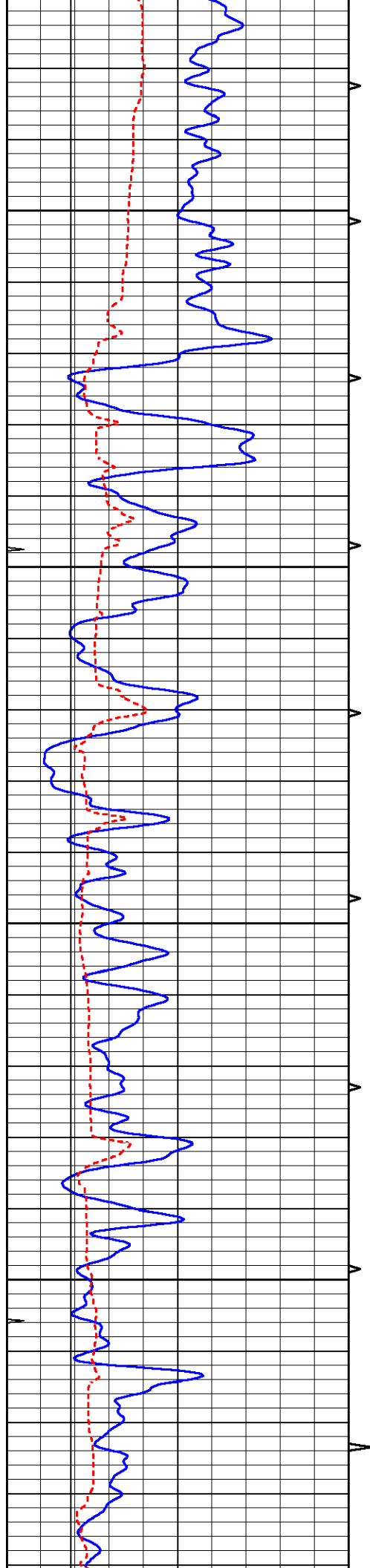


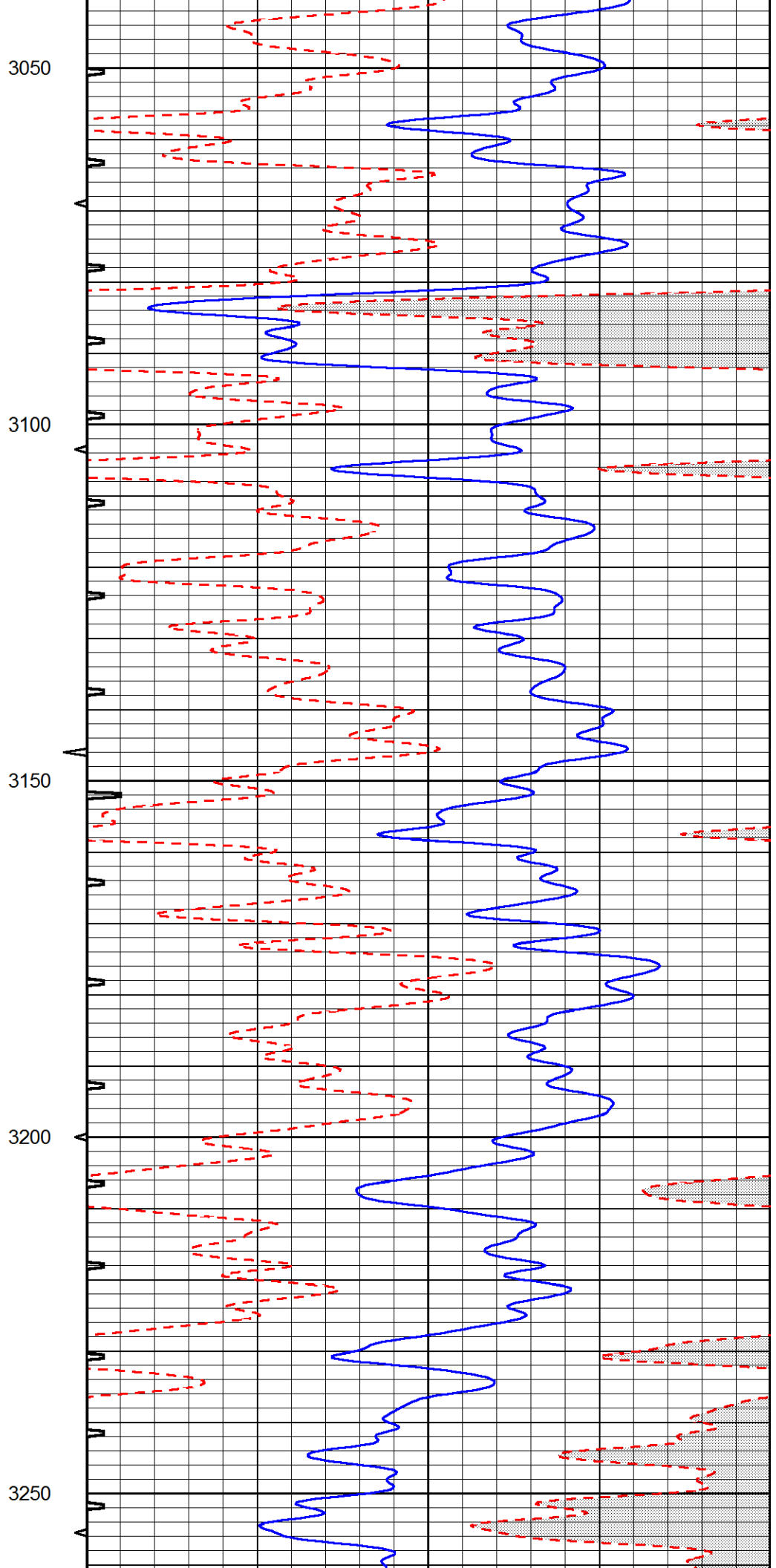
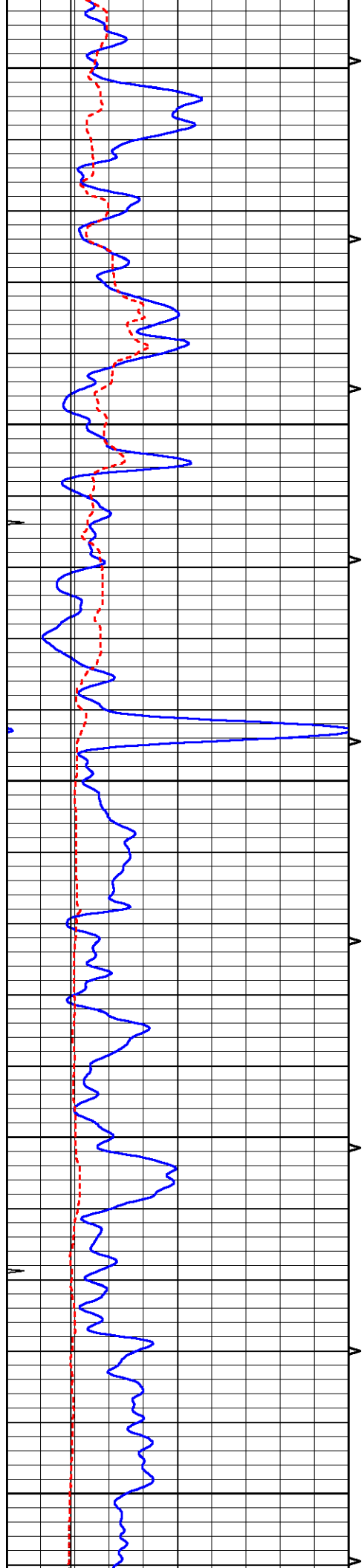


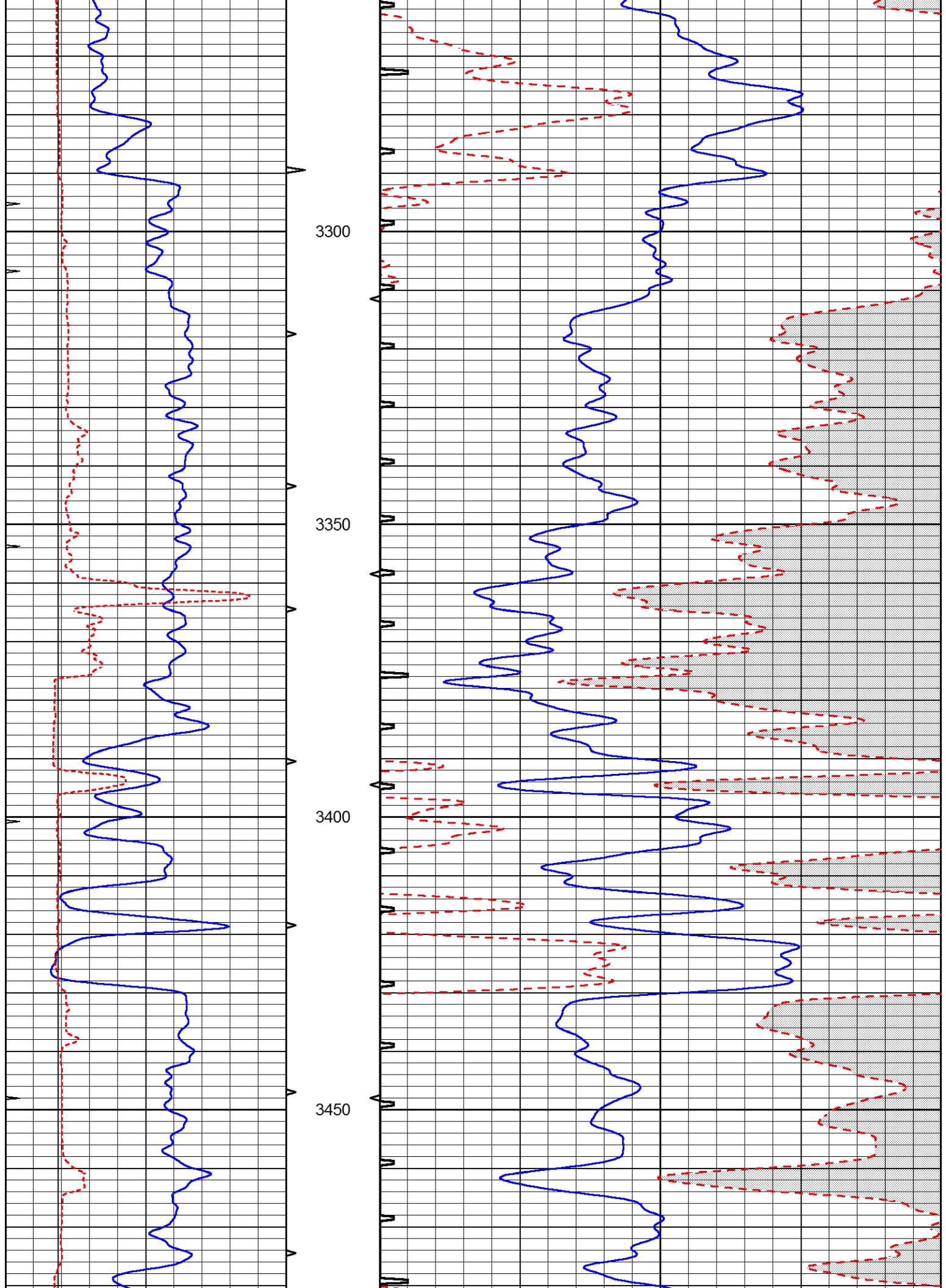


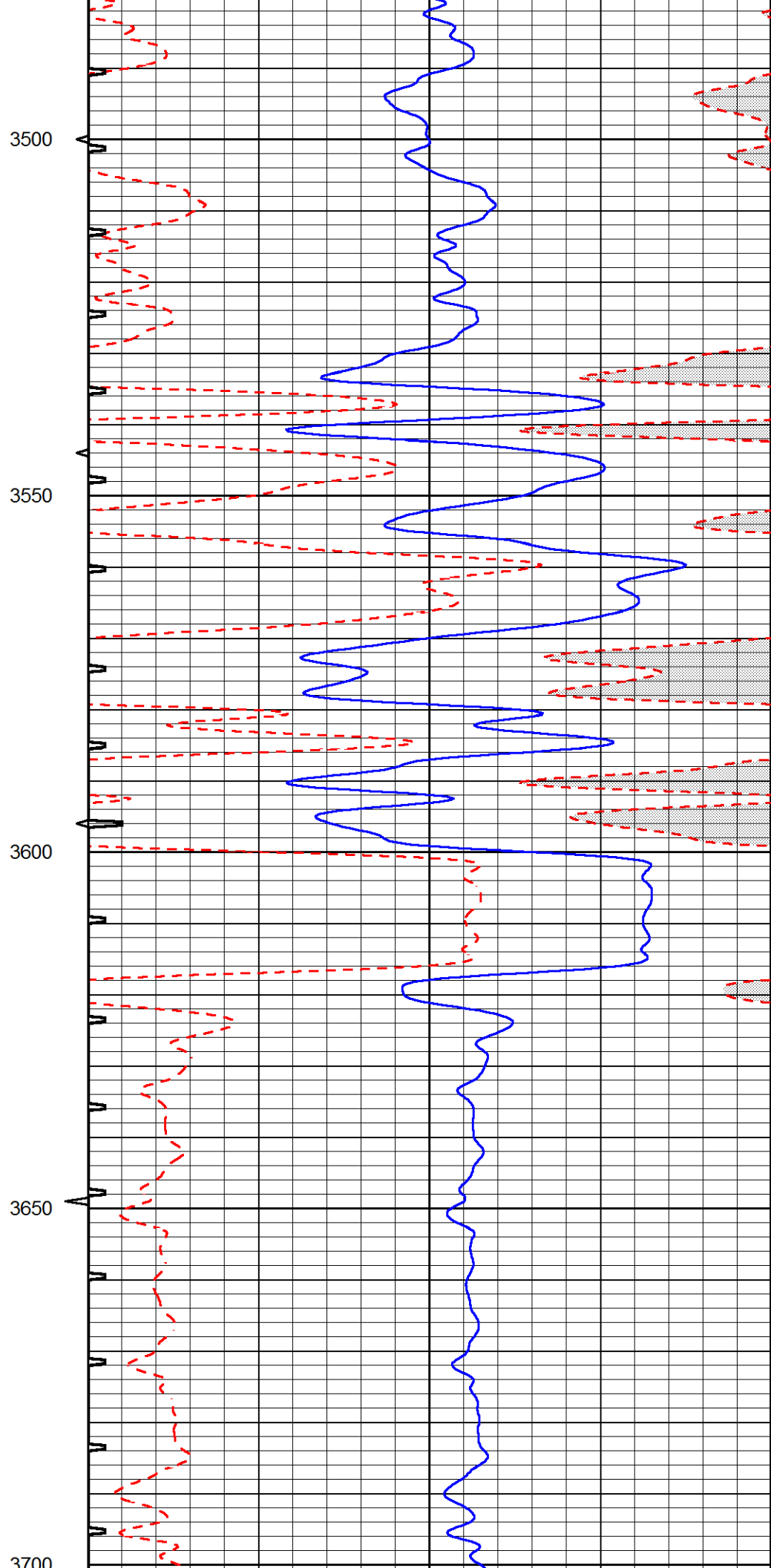
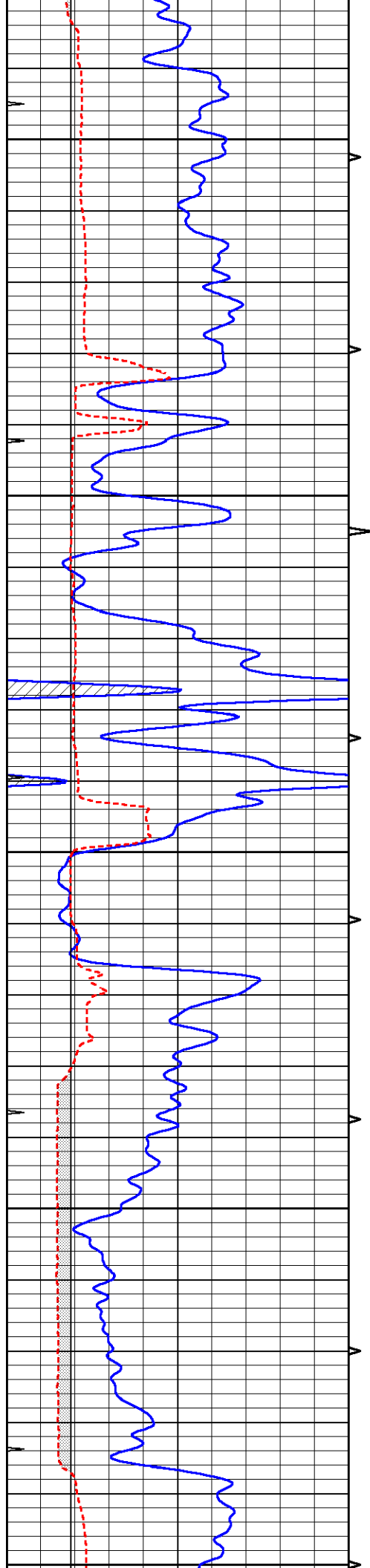


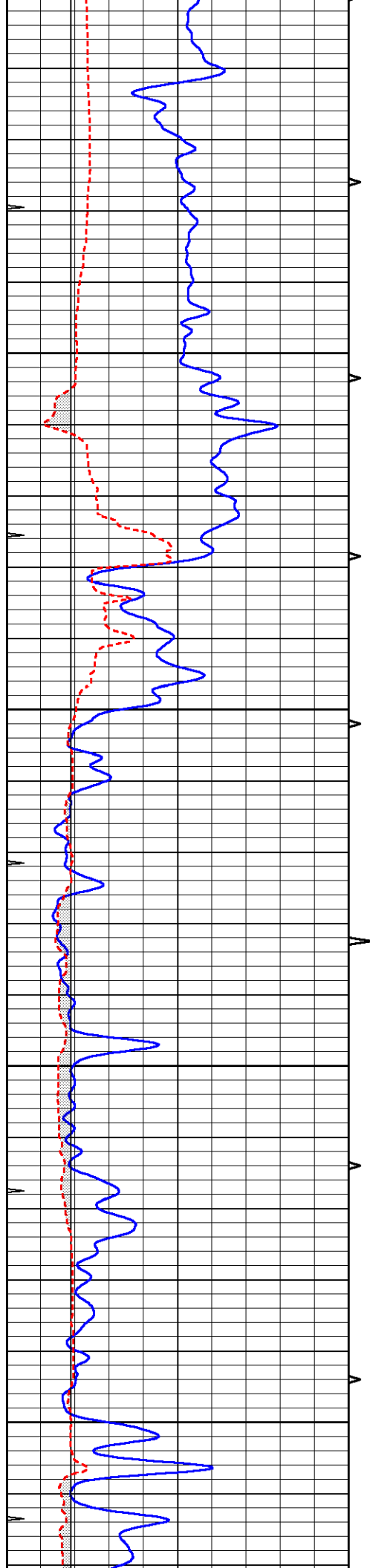




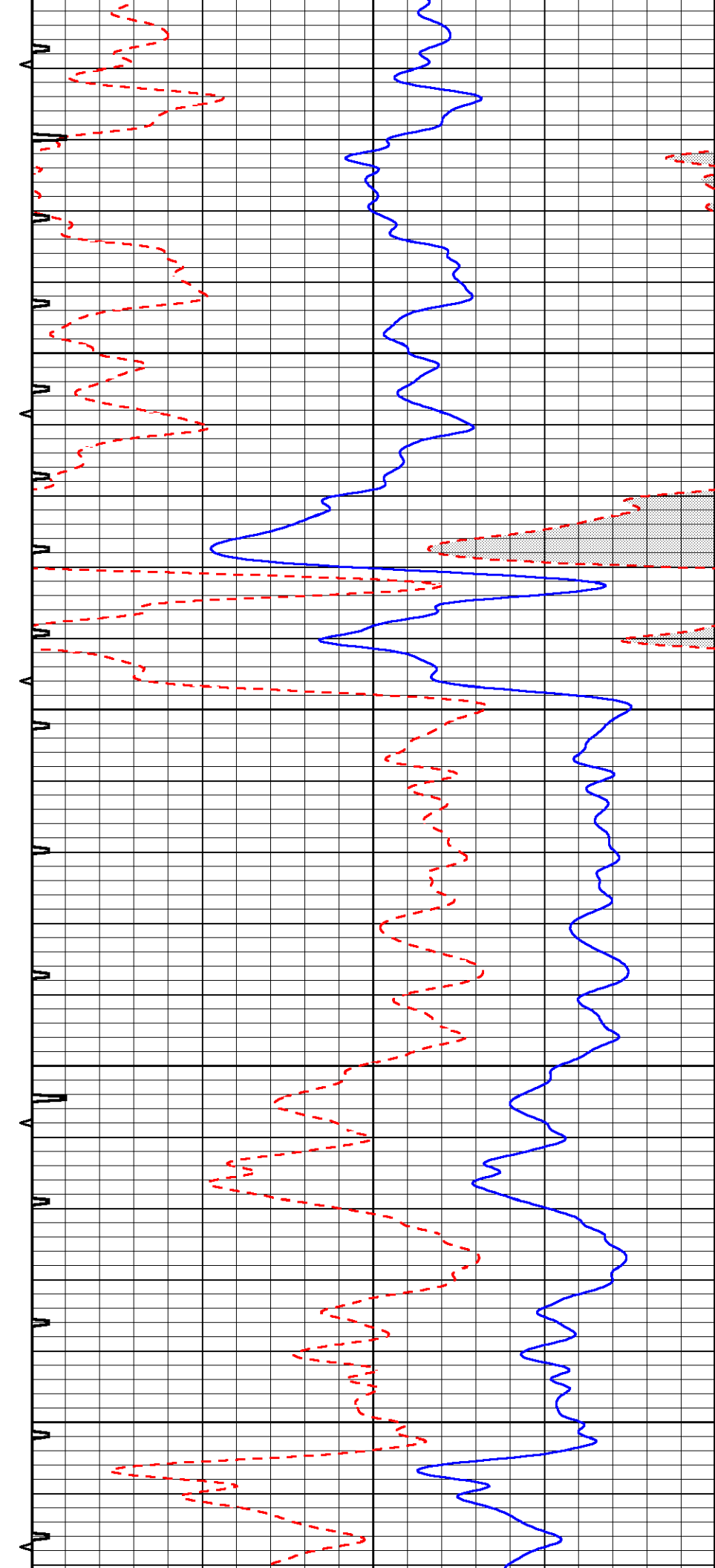


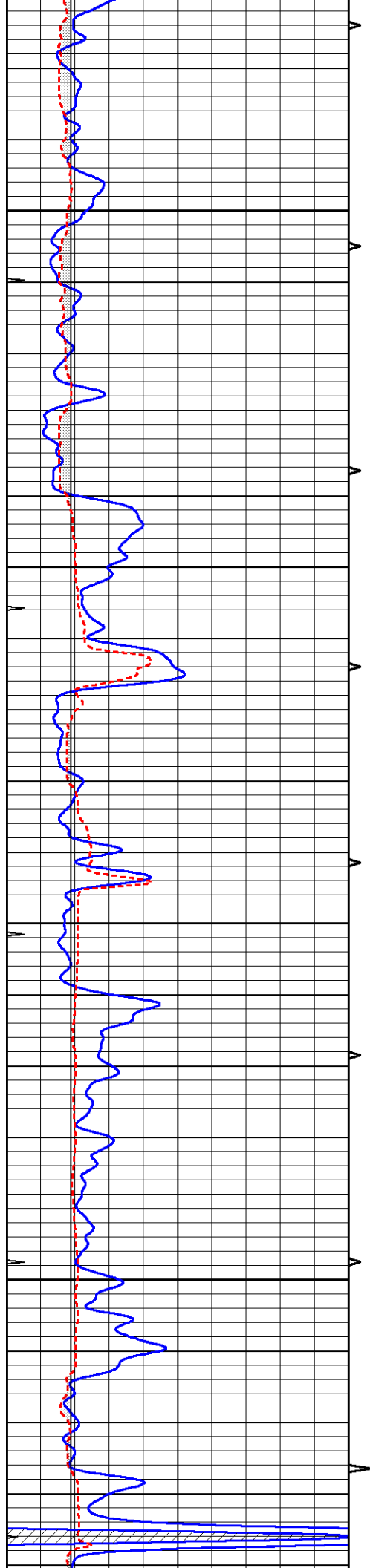






3700
3750
3800
3850
3900



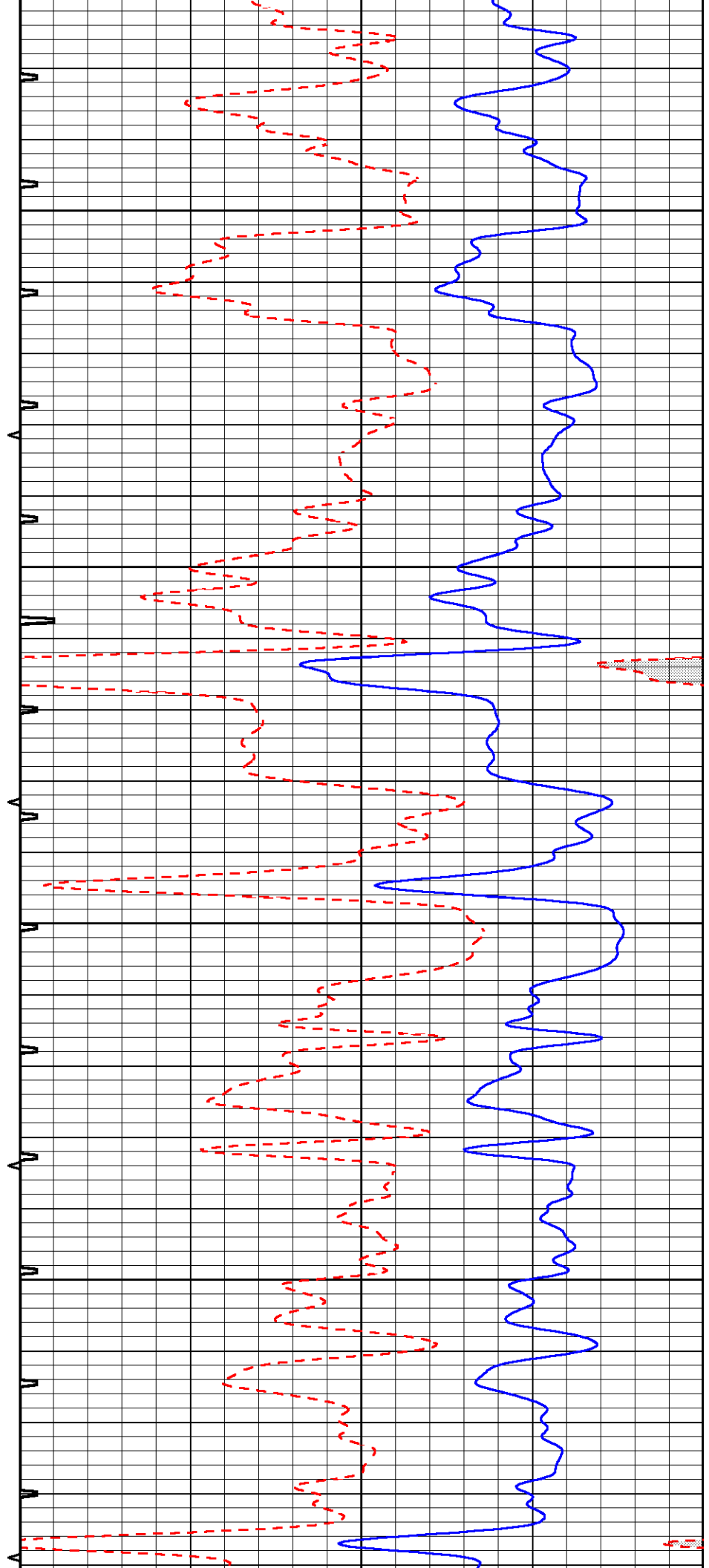


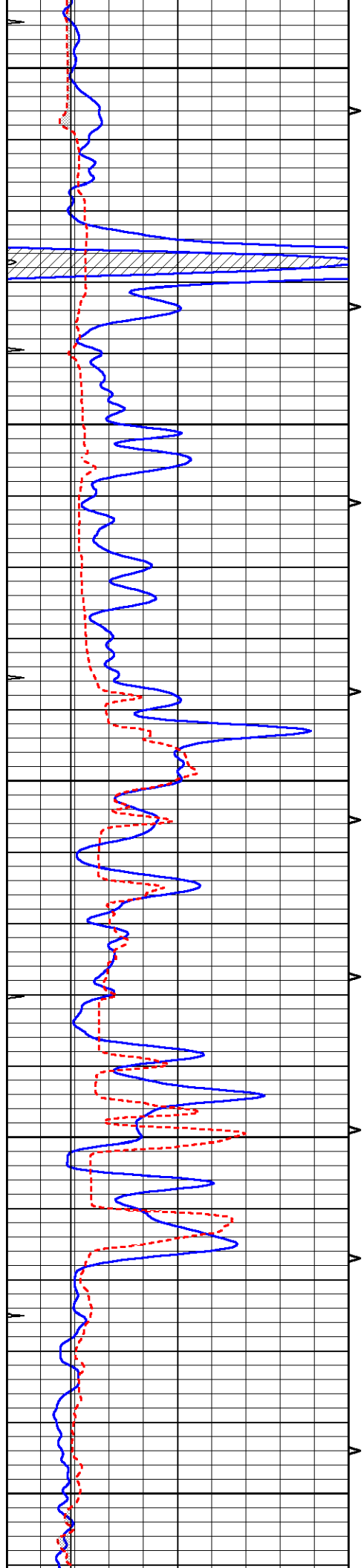
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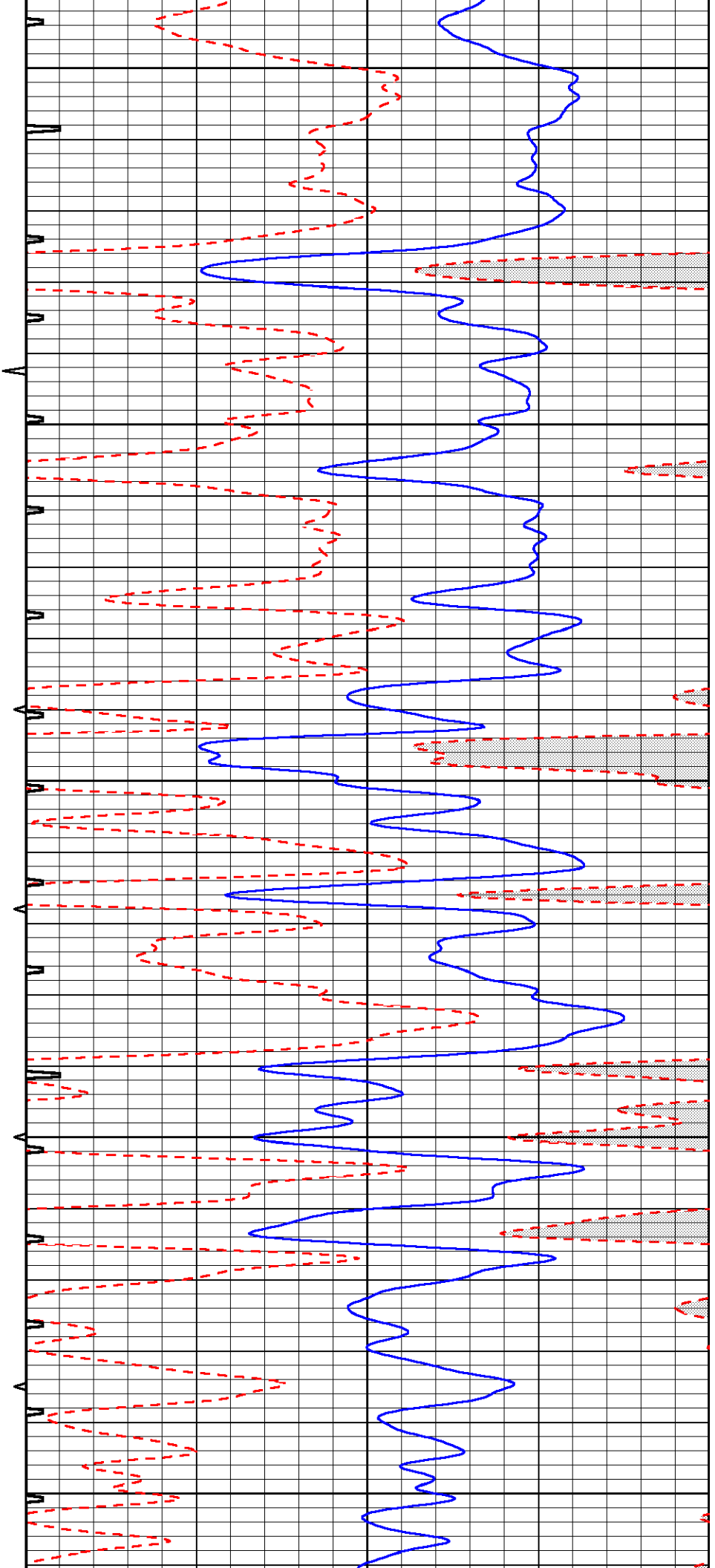
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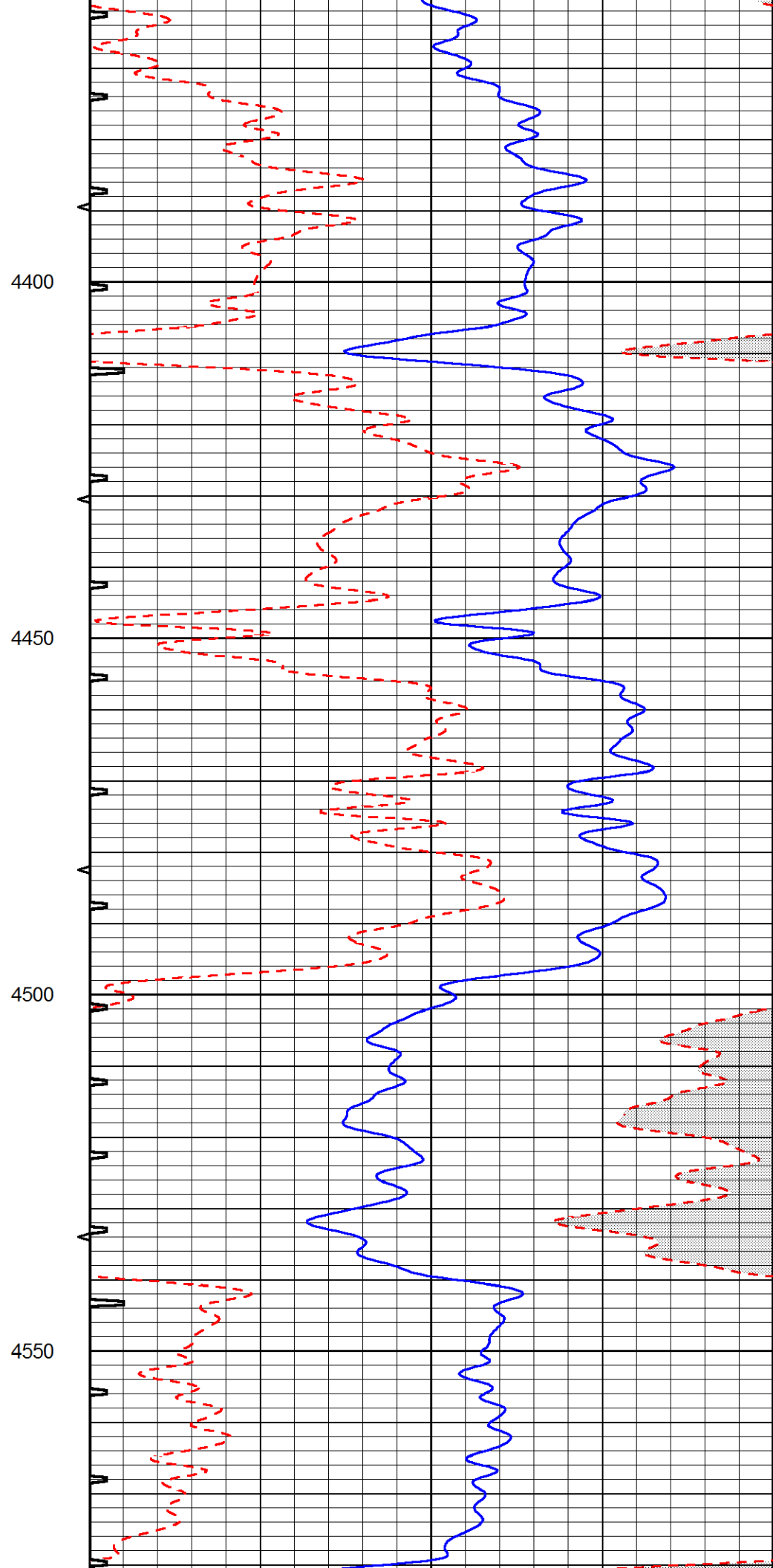
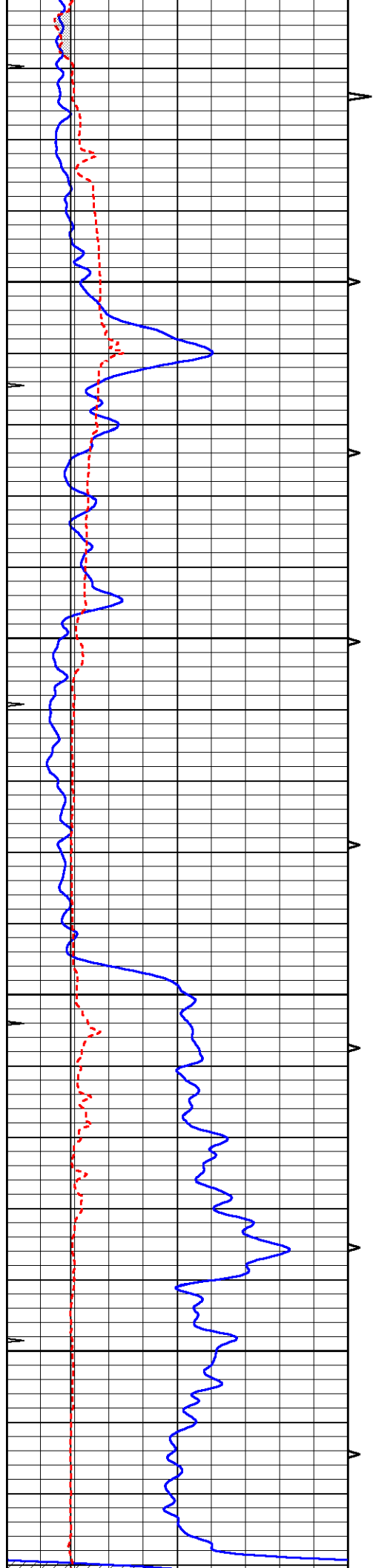
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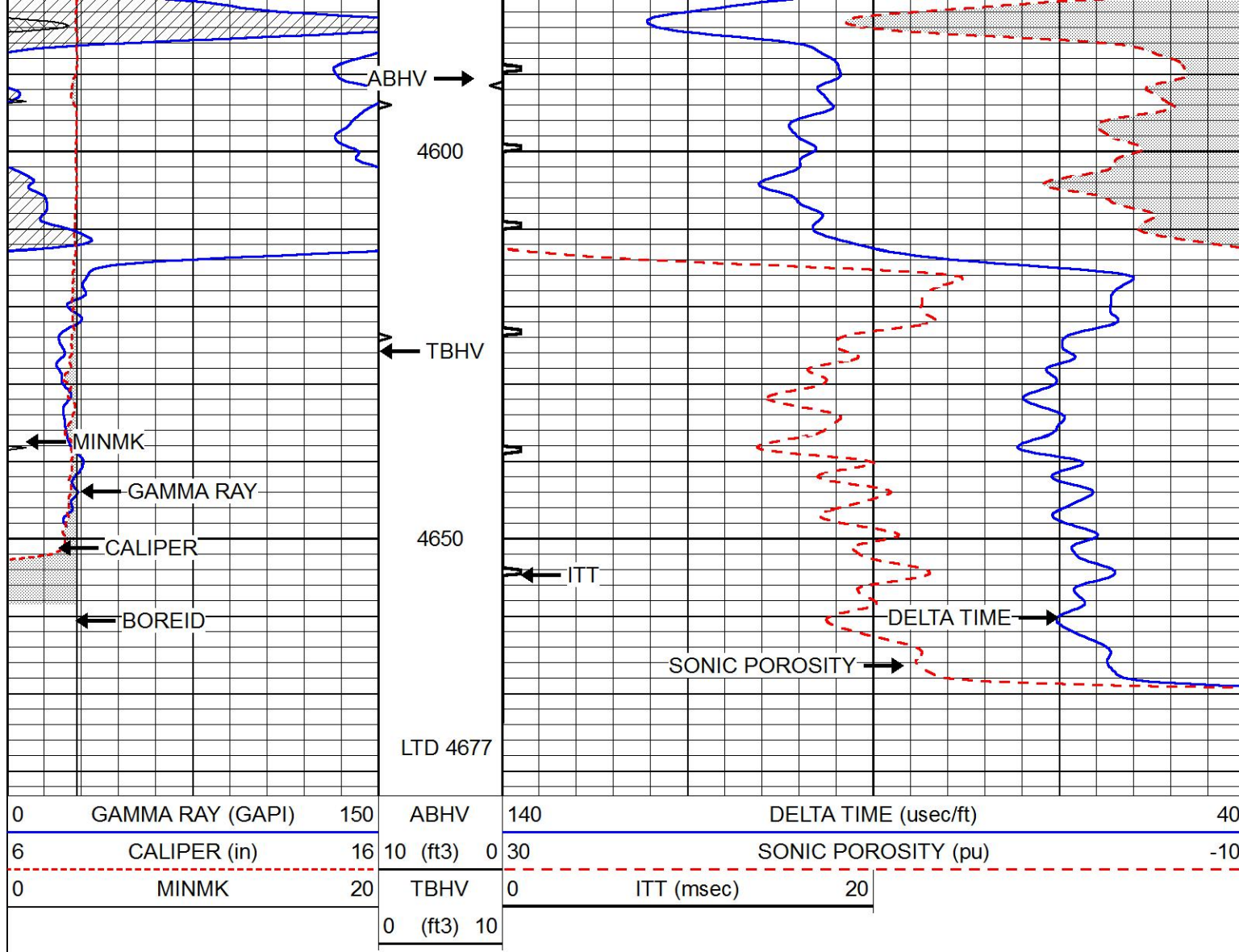
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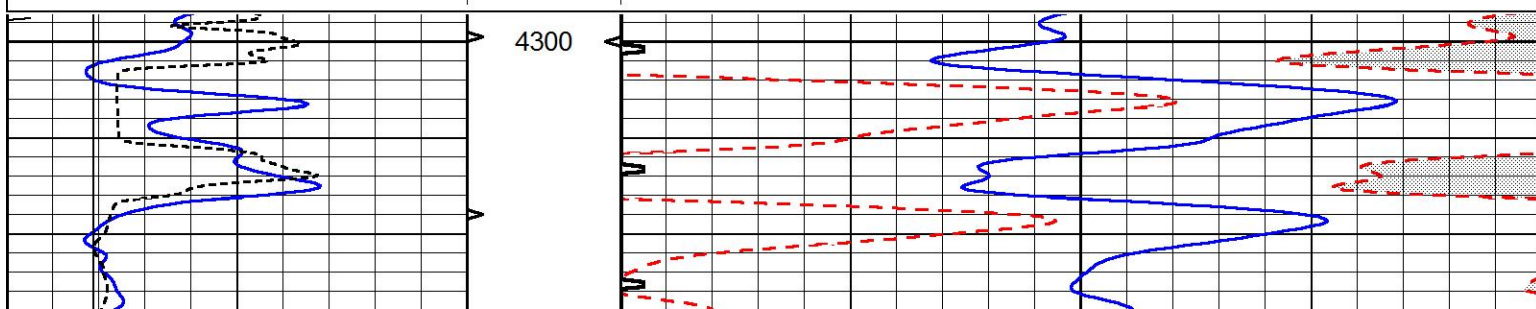


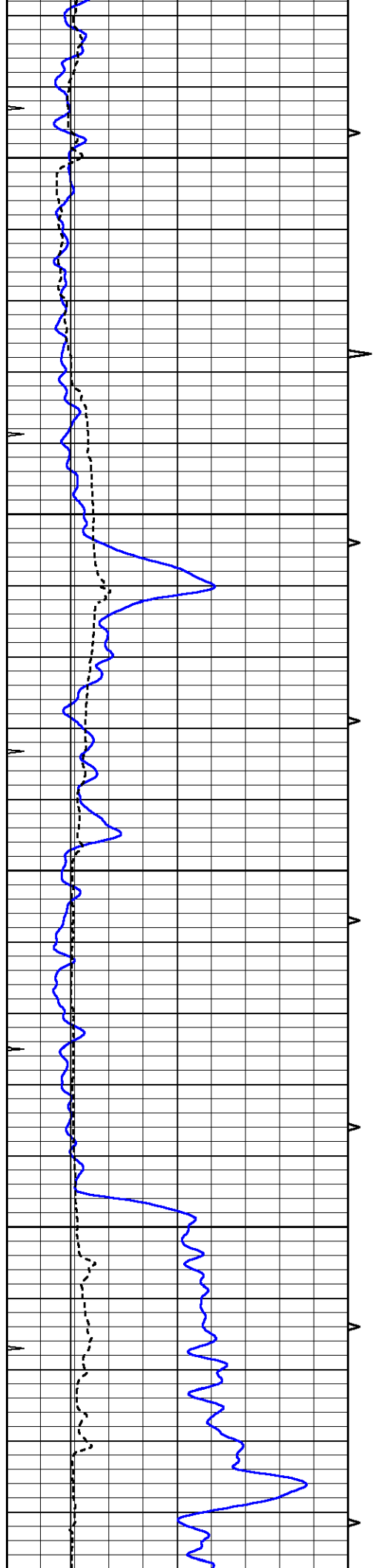


REPEAT SECTION

Database File 4683pe.db
 Dataset Pathname pass6.2MIC
 Presentation Format _slt
 Dataset Creation Thu Mar 12 12:46:24 2020
 Charted by Depth in Feet scaled 1:240

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



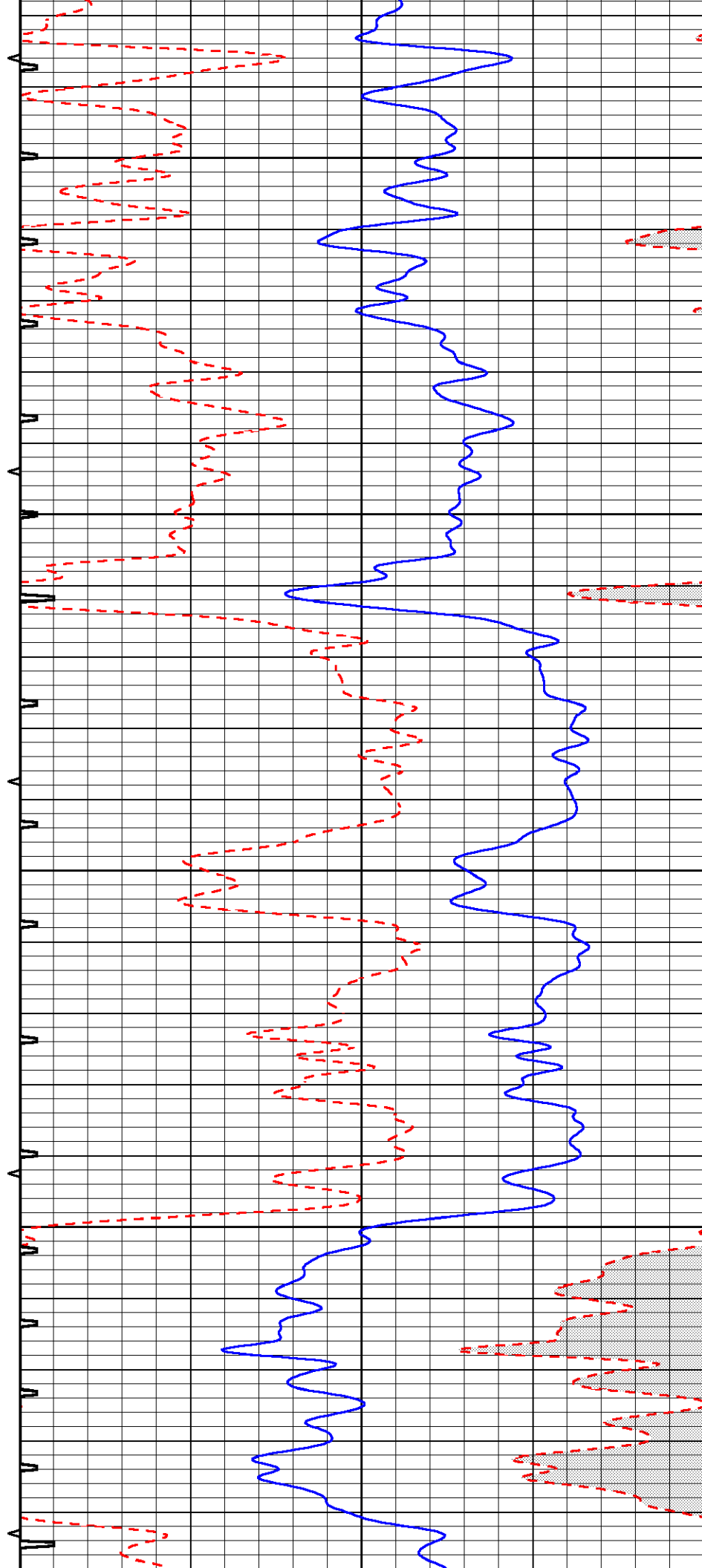


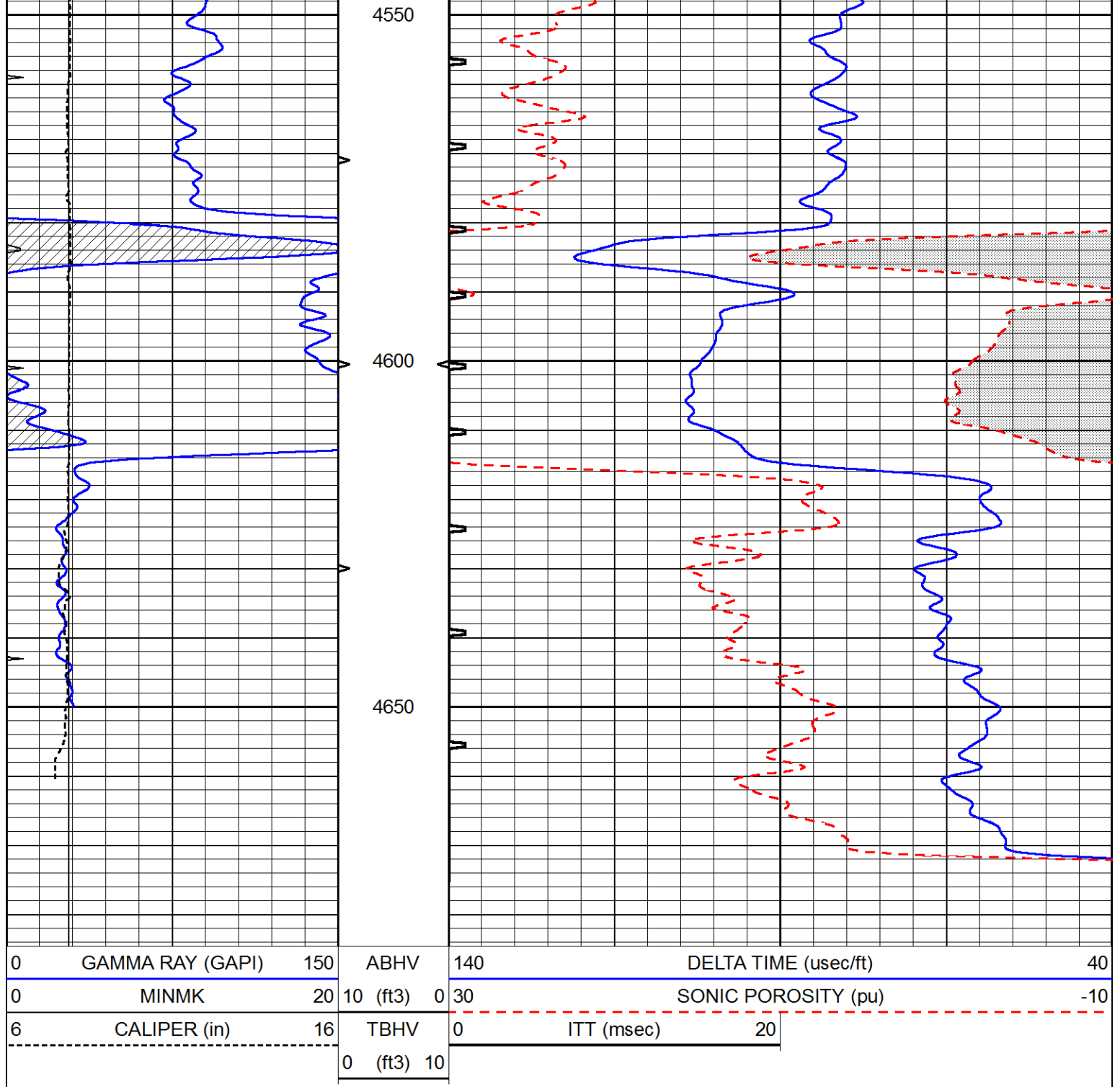
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4400

4450

4500





Calibration Report

Database File 4683pe.db
 Dataset Pathname pass6.1
 Dataset Creation Thu Mar 12 12:14:42 2020

MICRO Calibration Report

Serial Number: Micro1
 Tool Model: Probel
 Performed: Mon Feb 17 12:46:42 2020

Caliper Calibration: Gain=3.980 Offset=4.951

References	Low Cal	High Cal
Readings	9.500	13.000
	0.308	2.032

1.5" Calibration:	Gain=36.134	Offset=-0.200
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	0.832
2" Calibration:	Gain=38.000	Offset=0.800
References	Low Cal 0.000	High Cal 20.000
Readings	0.022	0.793
Gamma Ray Calibration Report		
Serial Number:	GR5	
Tool Model:	OPEN	
Performed:	Sun Jan 05 05:38:27 2020	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.4500	GAPI/cps