



SECTOR CEMENT BOND  
GAMMA RAY  
CCL LOG

Comp.	BAYSWATER EXPLOR. & PROD.			
Well	ONYX FEDERAL 1			
Field	WATTENBERG			
Co.	WELD			
State	COLORADO			
Company	BAYSWATER EXPLOR. & PROD.			
Well	ONYX FEDERAL 1			
Field	WATTENBERG			
County	WELD		State	COLORADO
Location:	API # : 05-123-52197		Other Services	
550' FNL & 254' FWL				NONE
Permanent Datum	GL	Elevation	4894'	Elevation
Log Measured From	GL	0'	Above Perm. Datum	K.B. N/A
Drilling Measured From	KB			D.F. N/A
				G.L. 4894'

Date of Service	08-MAY-2024				
Run Number	ONE				
Depth Driller or PBTD	N/A				
Depth Logger	7390'				
Bottom Log Interval	7380'				
Top Log Interval	SURFACE				
Open Hole Size	8-1/2"				
Type Fluid	H2O				
Fluid Level	SURFACE				
Fluid Density	N/A				
Max. Recorded Temperature	231 DEG. F.				
Max. Wellhead Pressure	ZERO PSI				
Wellhead Connection	OPEN				
Estimated Cement Top	270'				
Unit Number	L-05				
Wireline Size	9/32"				
Location	BRIGHTON				
Recorded By	J. KOTT				
Witnessed By	JEANELL RILES				
	Size	W/Ft	Top	Bottom	
Surface Casing	9-5/8"	36#	SURFACE	1500'	
Production Casing	5-1/2"	20#	SURFACE	22.097'	
Liner Casing					
Tubing Record					

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All interpretations are opinions based on inferences from electrical or other measurements and Ranger Energy Services cannot and does not guarantee the accuracy or correctness of any interpretation, and Ranger Energy Services will not 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.

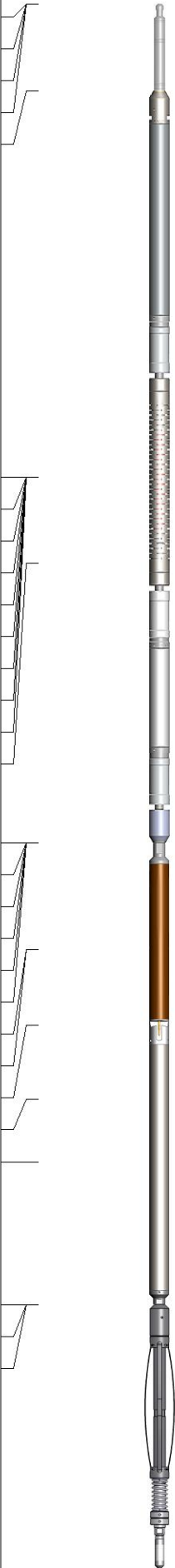
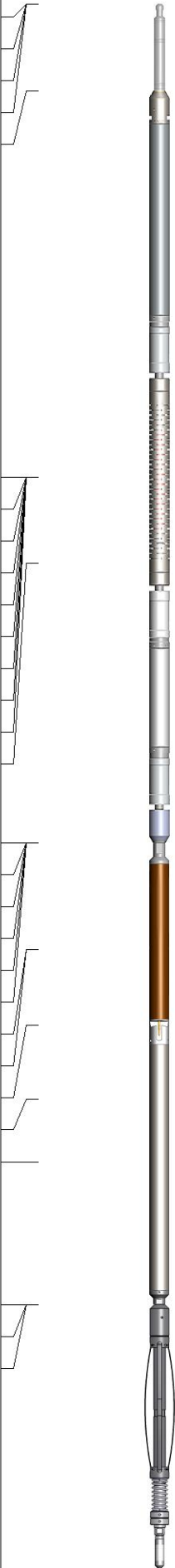
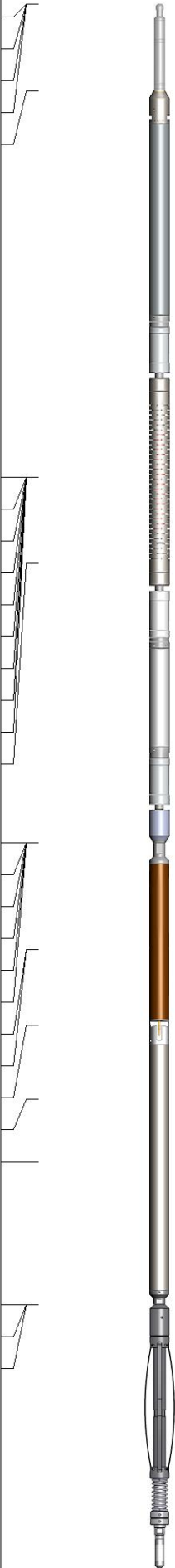
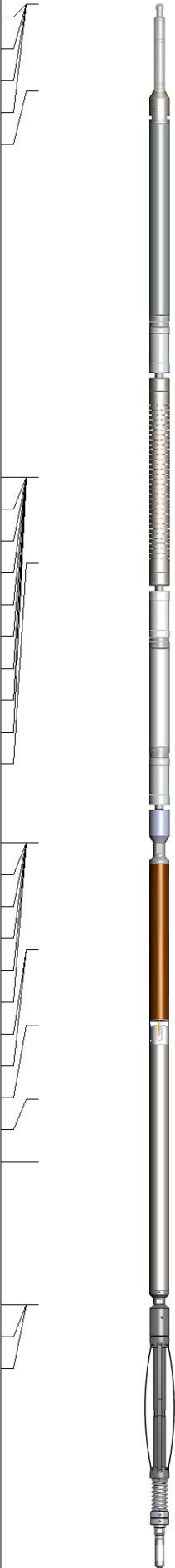
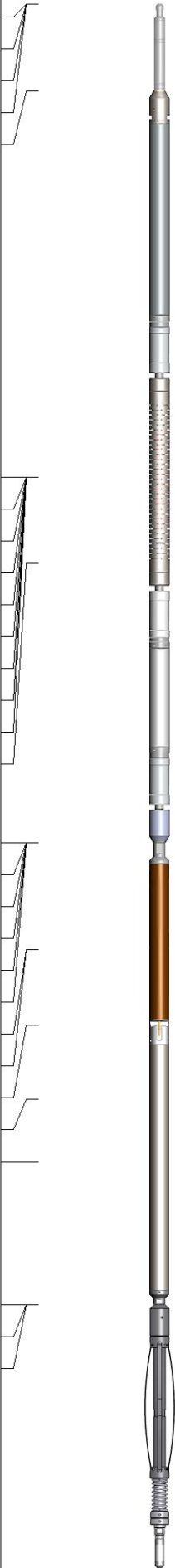
Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.  
LOG CORRELATED TO GL

THANK YOU FOR USING RANGER ENERGY SERVICES!      FIELD TICKET #05-668903

Your Ranger Energy Services Crew	Tool Data - Services	Serial Number
Engineer: J. KOTT Operator: C. PROPST Operator: C. MARCH Operator:		

Quantity	Offset (ft)	Description	Length (ft)	C.D. (in)	Weight (lb)
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Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GCT_FMWR	18.21		Cable_Head-1_7/16 Titan 1 7/16" Cable Head	1.02	1.44	3.31
mSec_Count	18.21					
RBT_Status	18.21					
Error_Ct	18.21					
RBT_HV	17.20					
WVFS8	12.70		RBT8-RADII-275C (RBT275C_Base) Probe 2.75" RADII 8 Sector Bond Tool	8.75	2.75	
WVFS7	12.70					
WVFS6	12.70					
WVFS5	12.70					
WVFS4	12.70					
WVFS3	12.70					
WVFS2	12.70					
WVFS1	12.70					
WVF3FT	12.70					
WVF5FT	11.70					
RBT_ACCZ	8.45		GCacc-GCT275-0BP0 (GCT275-0BP0_base) Probe 2.75" Gamma Ray - CCL (6 magnet) w/Temp	5.38	2.75	59.00
RBT_ACCY	8.45					
RBT_ACCX	8.45					
GCT_HV	8.45					
WVFSYNC	8.45					
WVFCAL	8.45					
CCL\$2	7.20					
CCL\$1	7.20					
GCT_Temp	6.32					
GR	5.45					
GCT_IntTemp	4.73		Centralizers-8071-275-200 Tekco 2 3/4" Adjustable Centralizer	2.73	2.75	25.00
GCT_ACCZ	3.06					
GCT_ACCY	3.06					
GCT_ACCX	3.06					
			Plug-FA108-0000 1.38" Bull Plug	0.33	1.38	1.00
Dataset: I05-668903_bayswater_onyx federal 1_0512352197_20240508_scbl-gr-ccl.db: field/well/run1/pass4						
Total length: 18.21 ft						
Total weight: 88.31 lb						
O.D.: 2.75 in						

Top - Bottom

BOREID in 8.5	BOTTEMP degF 231	CASEOD in 5.5	CASETHCK in 0.361	CASEWGHT lb/ft 20	MAXAMPL mV 71.9	MINAMPL mV 2.2	MINATTN db/ft 0.8
PERFS  No	PPT usec 261	SRFTEMP degF 35	TDEPTH ft 7380				

Variable Description

BOREID : Borehole I.D.  
BOTTEMP : Bottom Hole Temperature  
CASEOD : Casing O.D.  
CASETHCK : Casing Thickness

CASEWGHT : Casing Weight  
MAXAMPL : Maximum Amplitude  
MINAMPL : Minimum Amplitude  
MINATTN : Minimum Attenuation

PERFS : Perforation Flag  
PPT : Predicted Pipe Time  
SRFTEMP : Surface Temperature  
TDEPTH : Total Depth



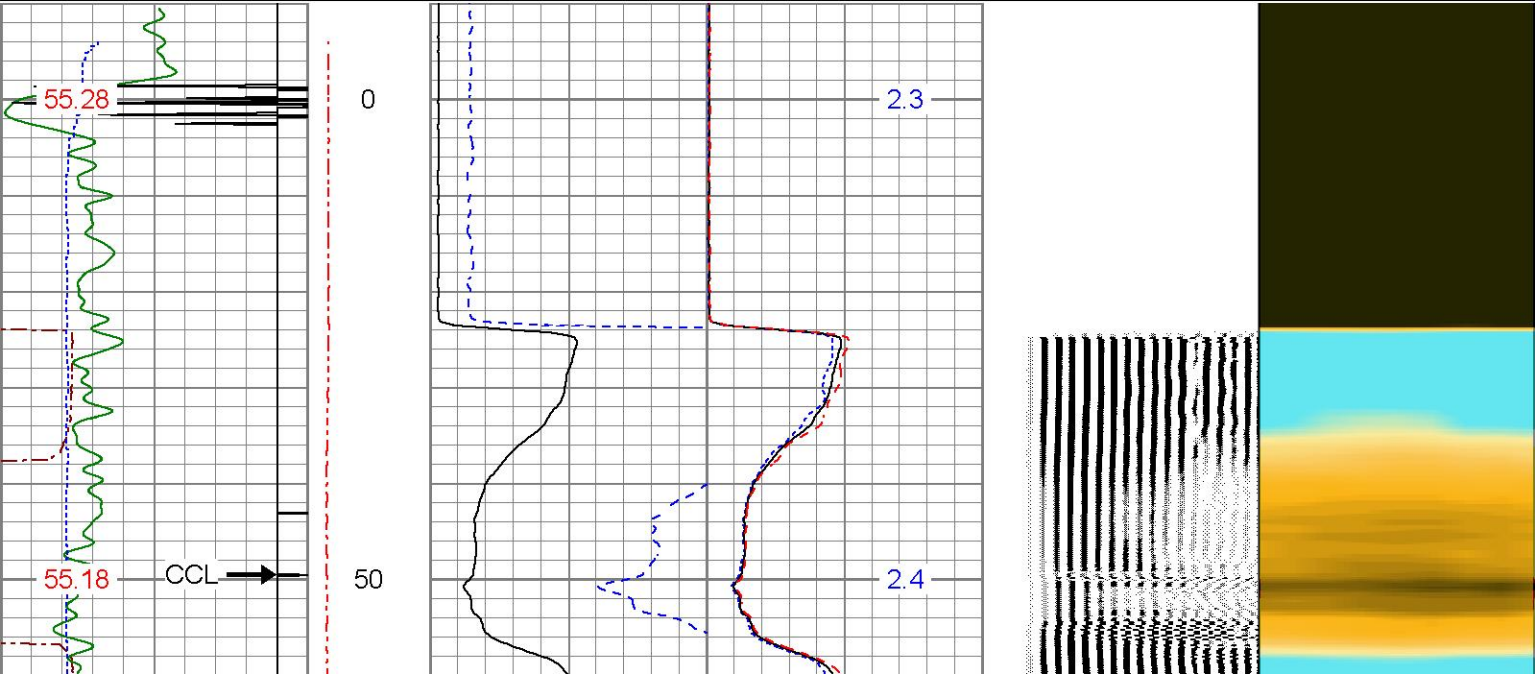
MAIN PASS

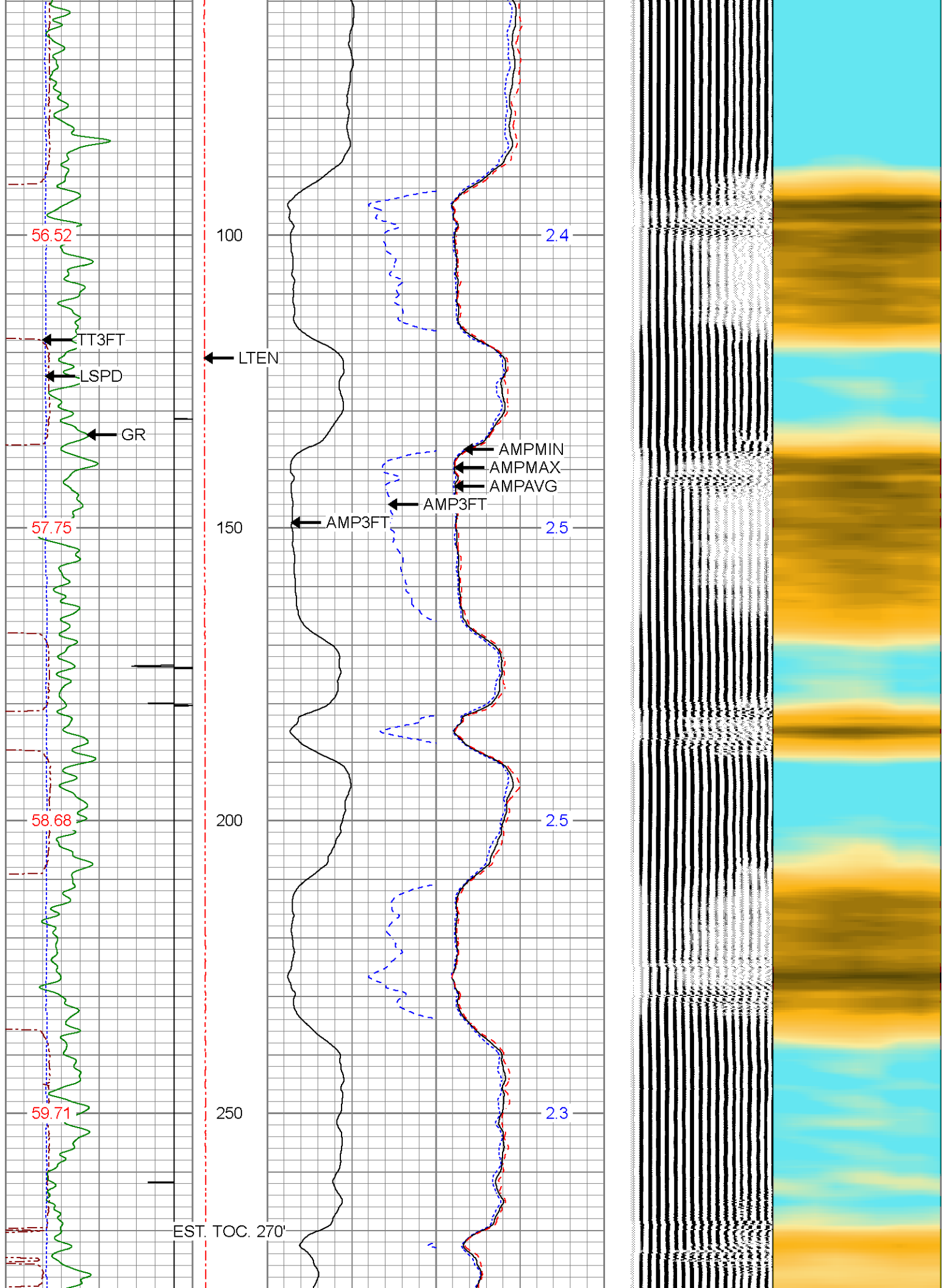
ZERO PSI APPLIED AT SURFACE

Database File  
Dataset Pathname  
Presentation Format  
Dataset Creation  
Charted by

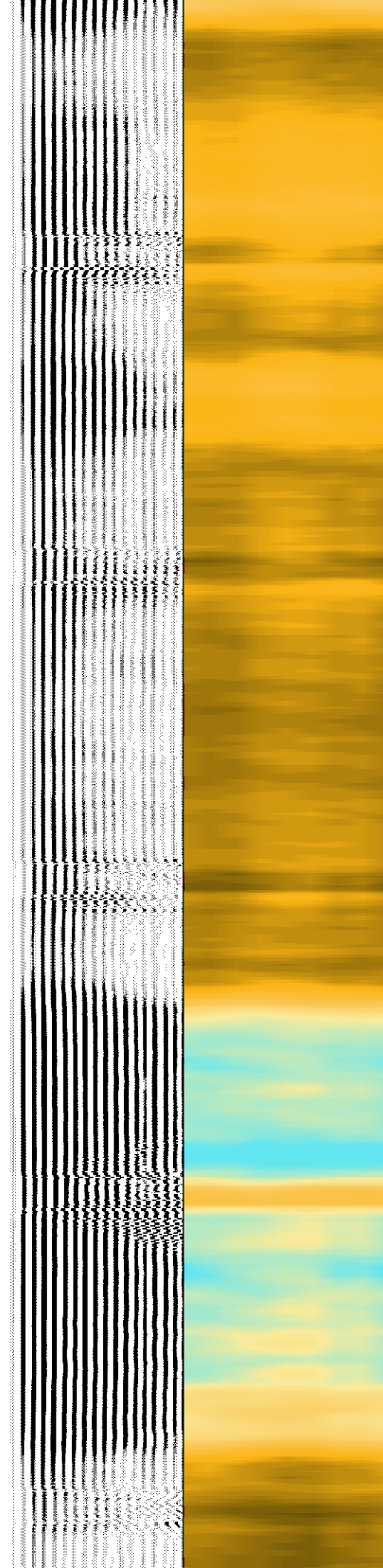
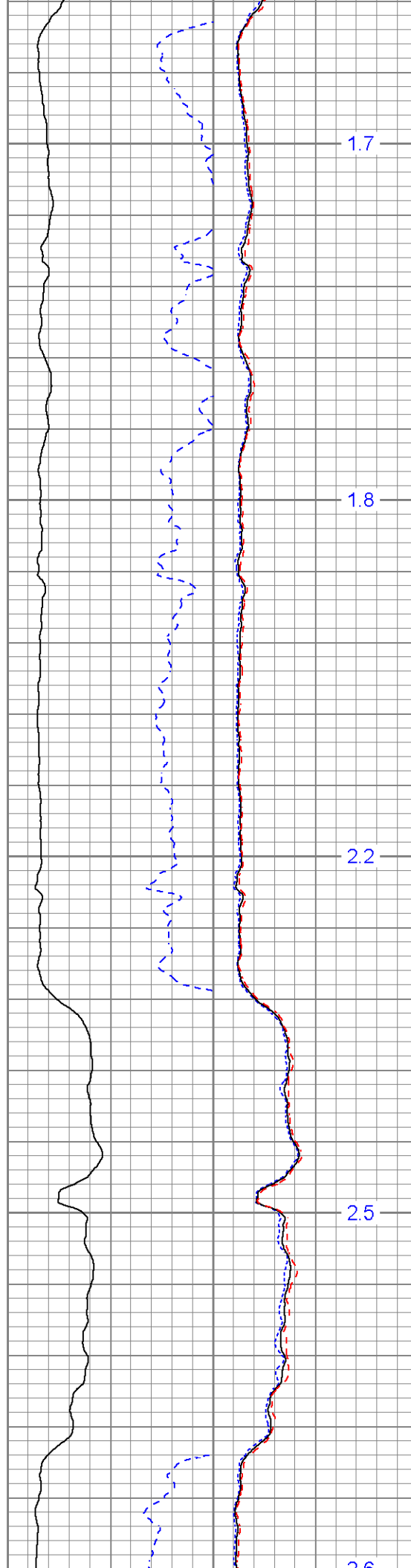
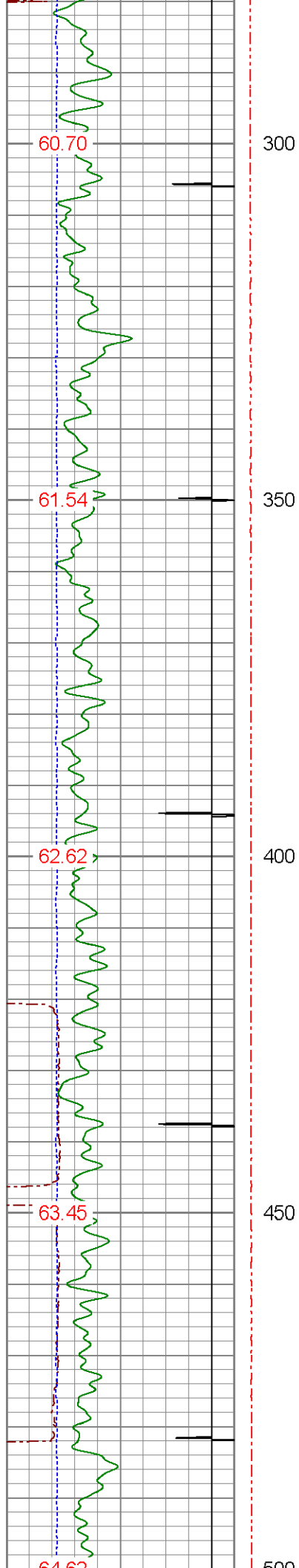
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pass4  
res\_scbl 8sec-gr-ccl  
Wed May 08 13:08:46 2024  
Depth in Feet scaled 1:240

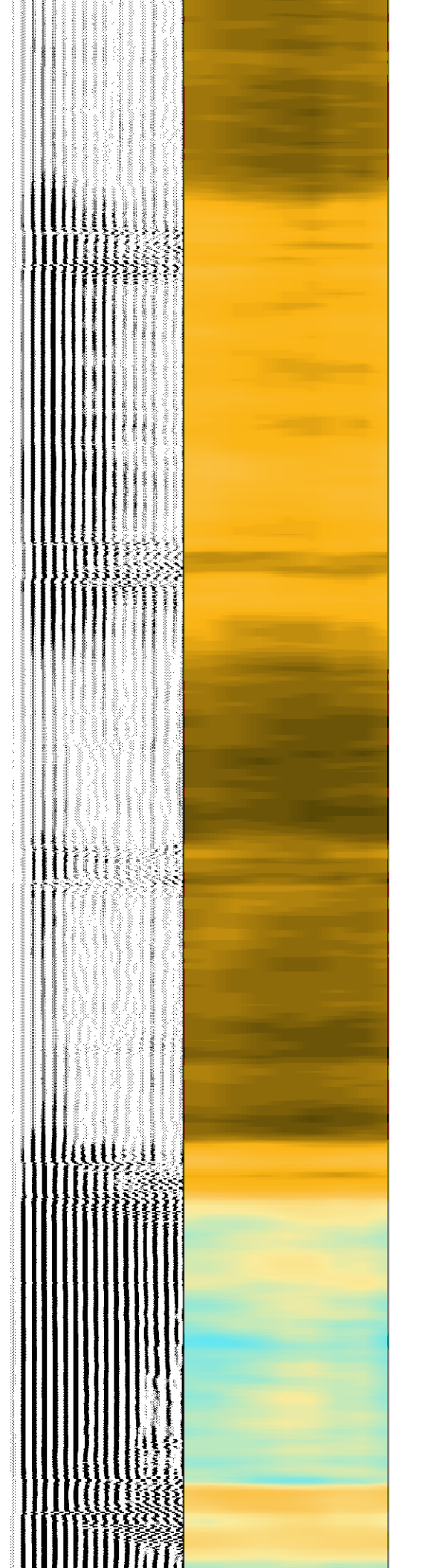
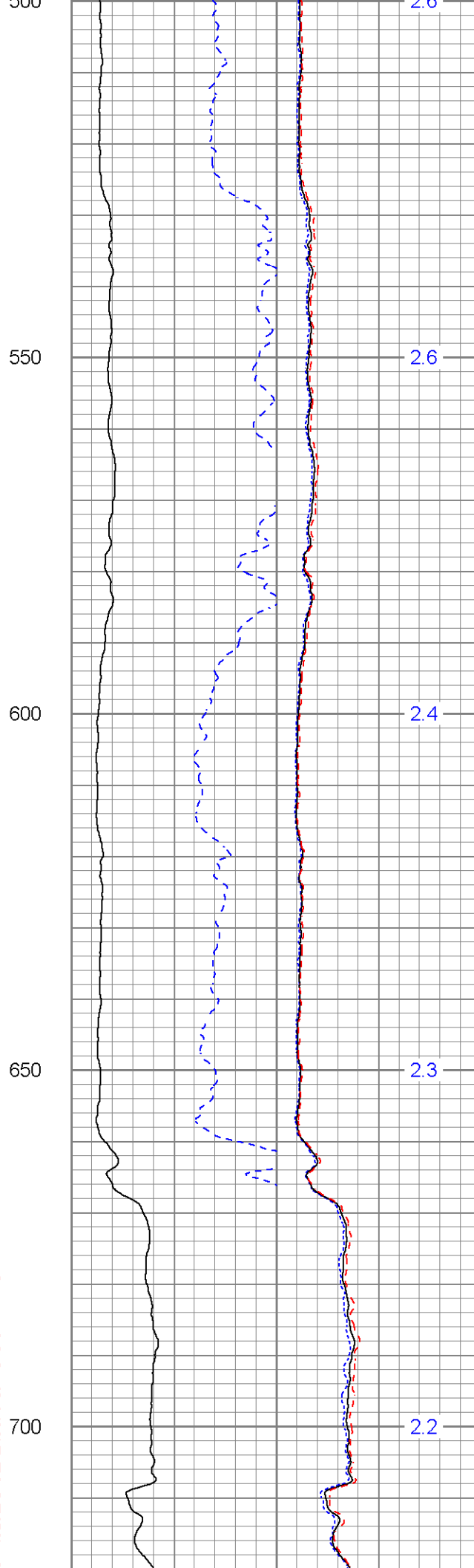
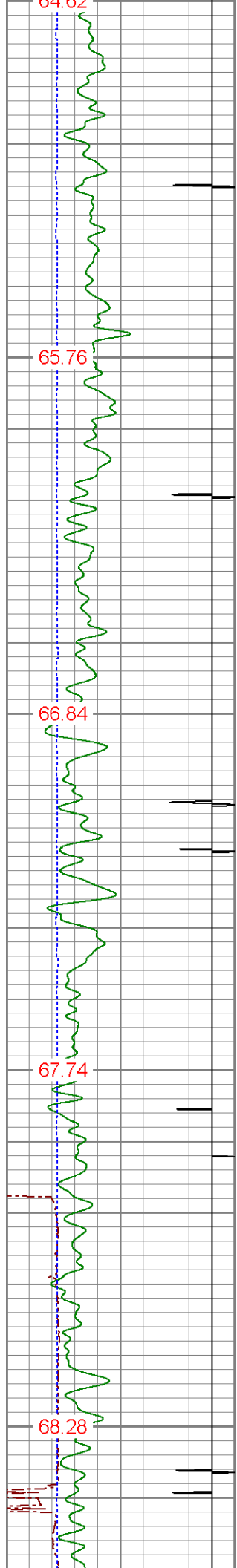
280 3FT TT (usec) 180	LTEN	3' Amplitude	0 Sector Min Amp150	200 VDL (usec) 1200	1 Sector Map 8
0 GR (GAPI) 150	(lb)	(mV) 100	Sector Avg Amp		
-150 LSPD (ft/min) 150	0 2000	3' Amplified Amplitude X 5	0 150		
-9 CCL\$1 1			Sector Max Amp		
GCT_Temp		0 (mV) 20	0 150		
(degF)			DEVIATION		
			(deg)		

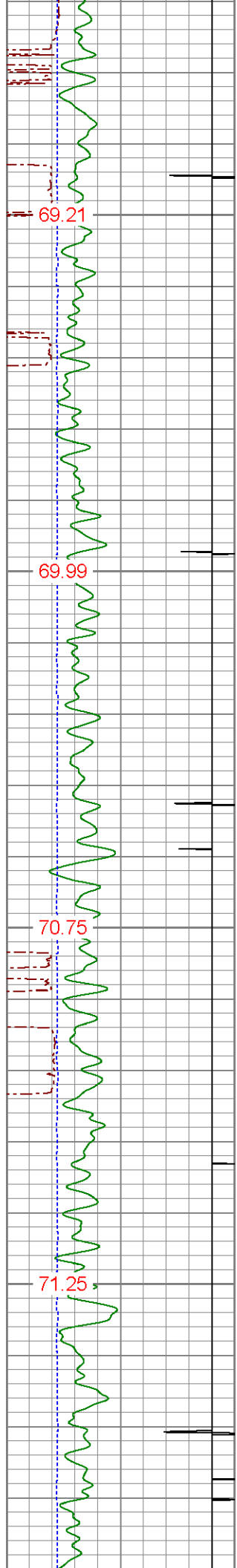










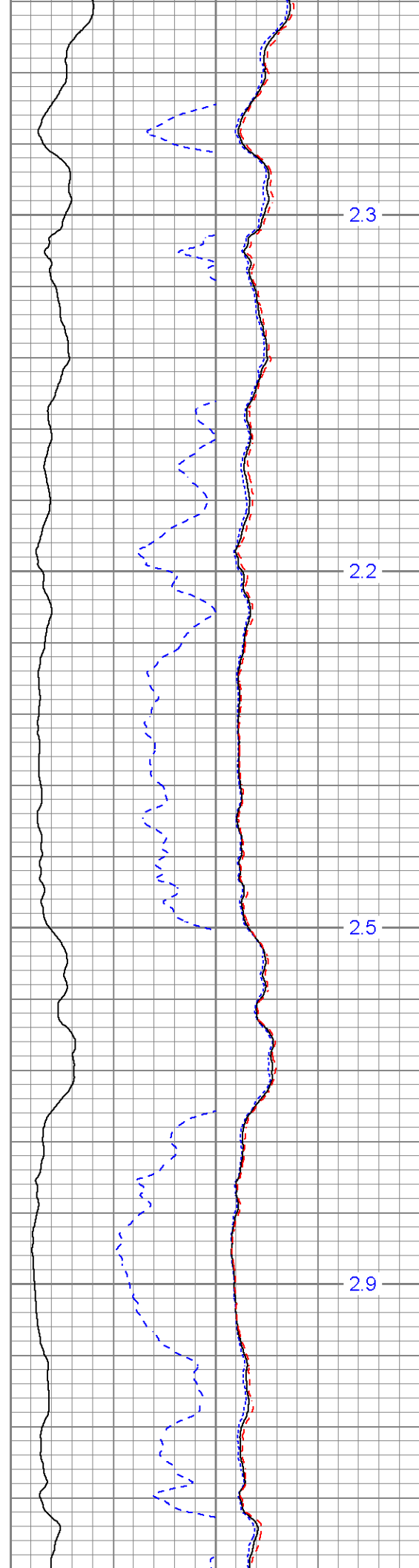


750

800

850

900

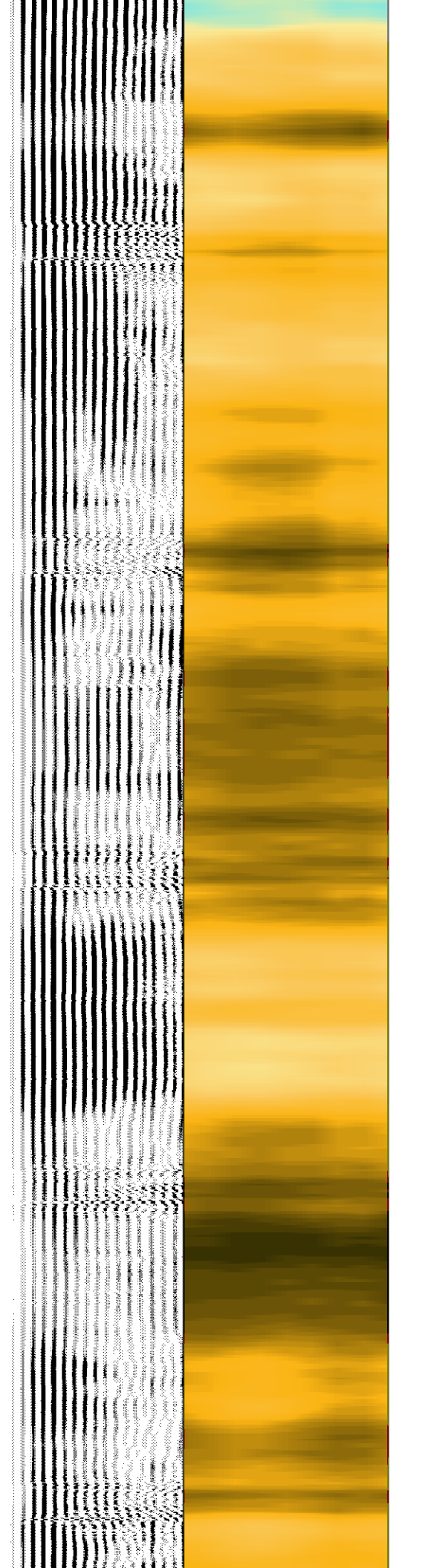


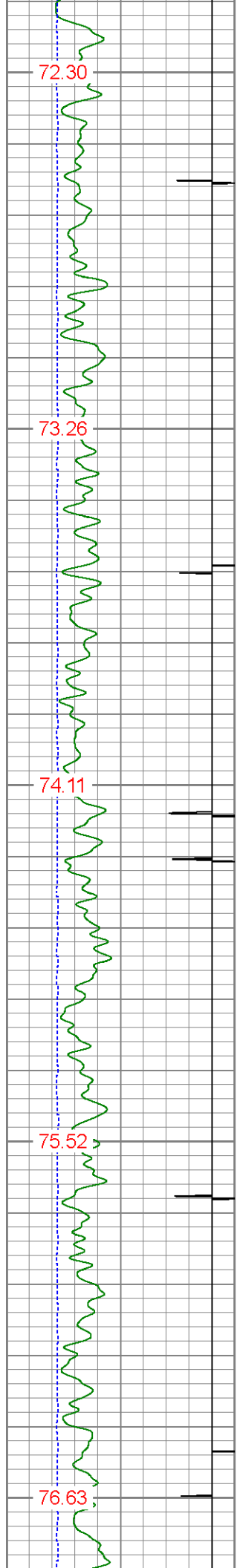
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2.2

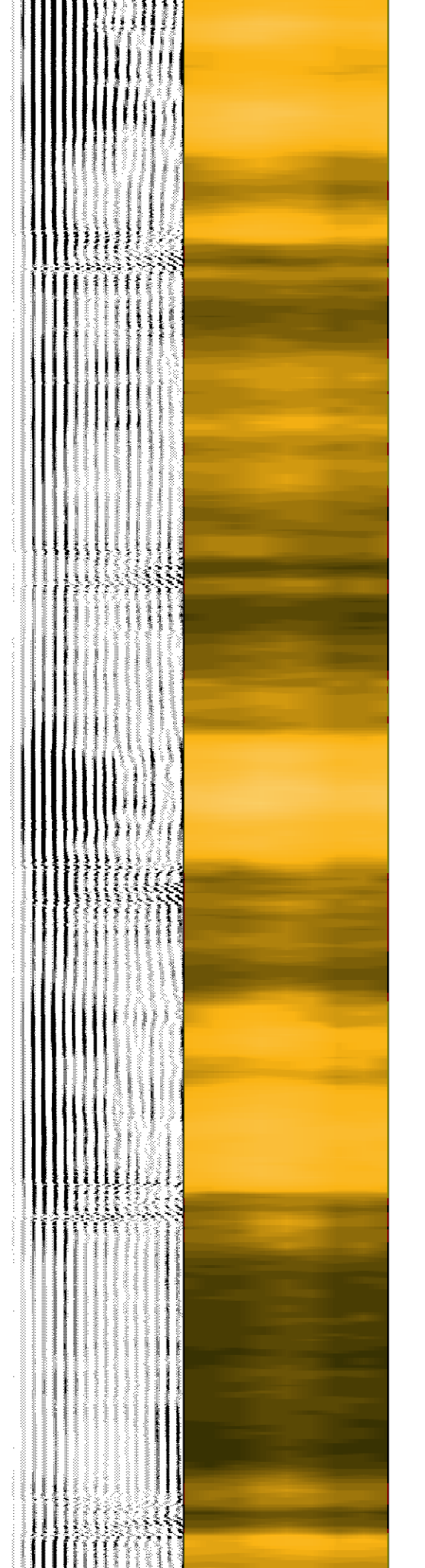
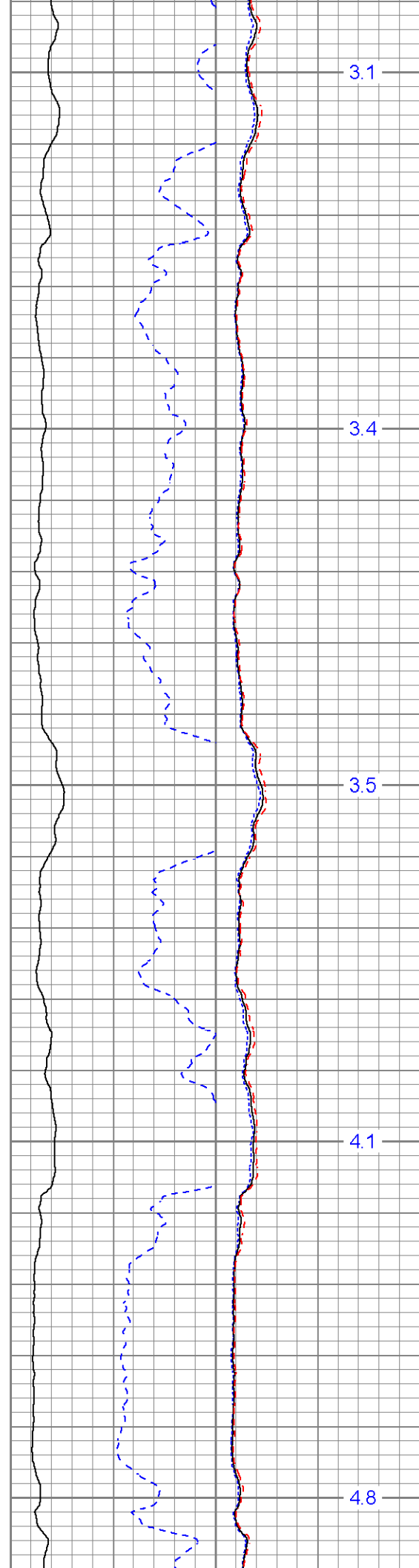
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2.9

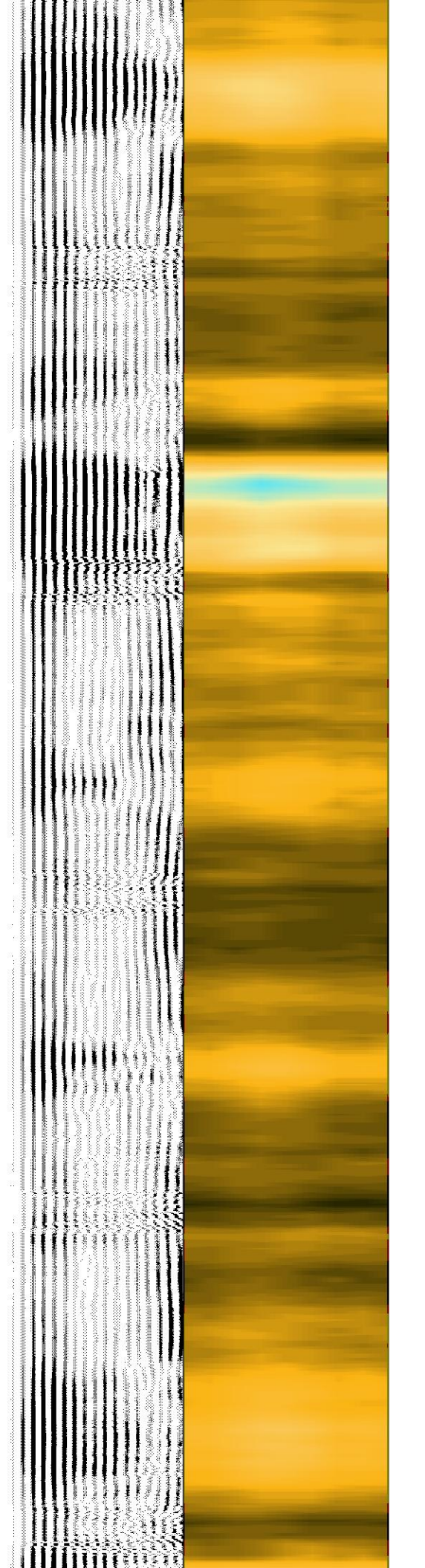
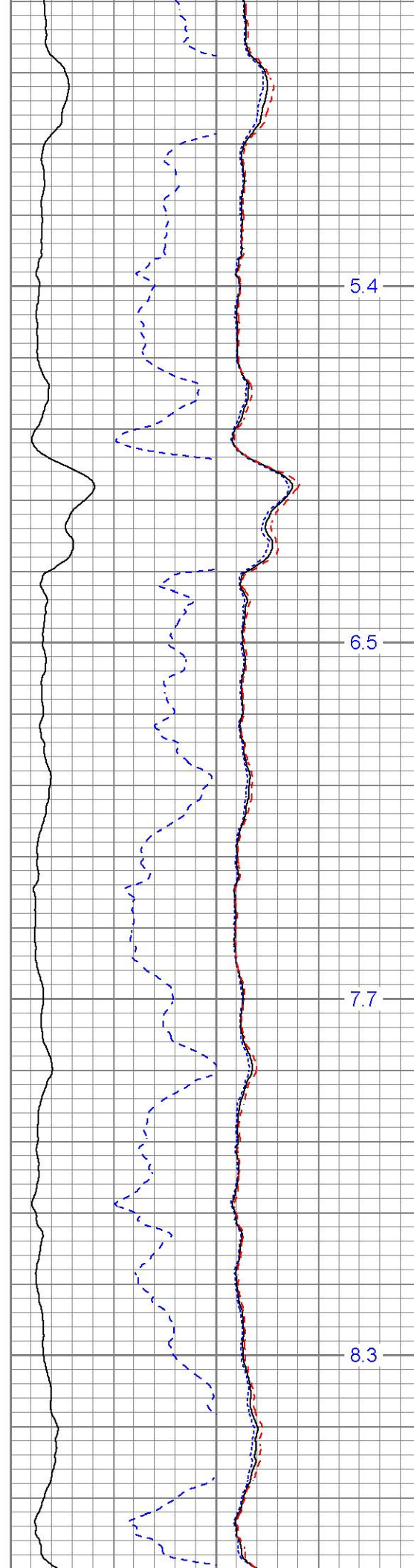
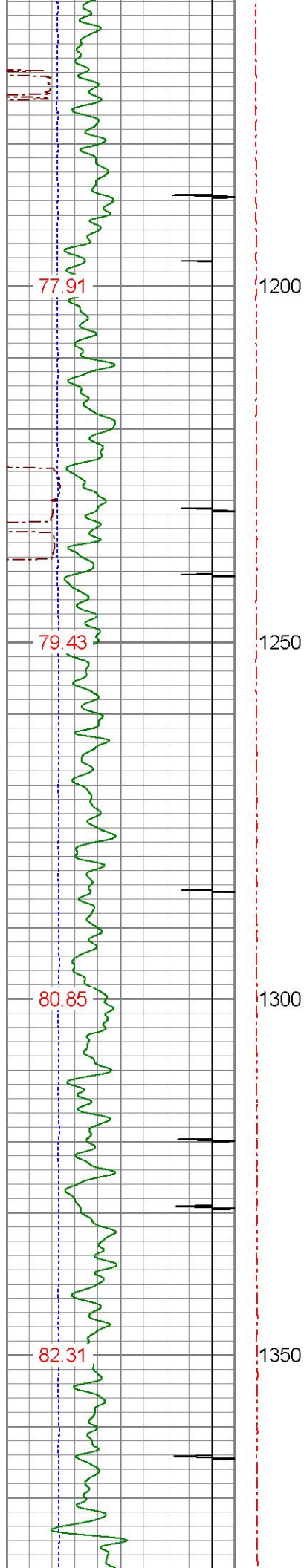


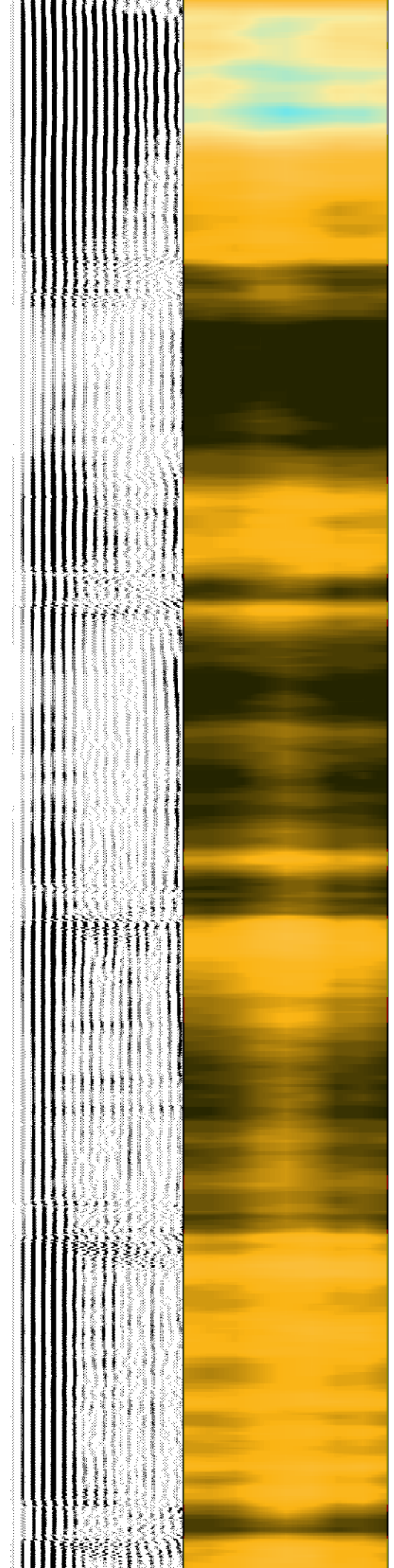
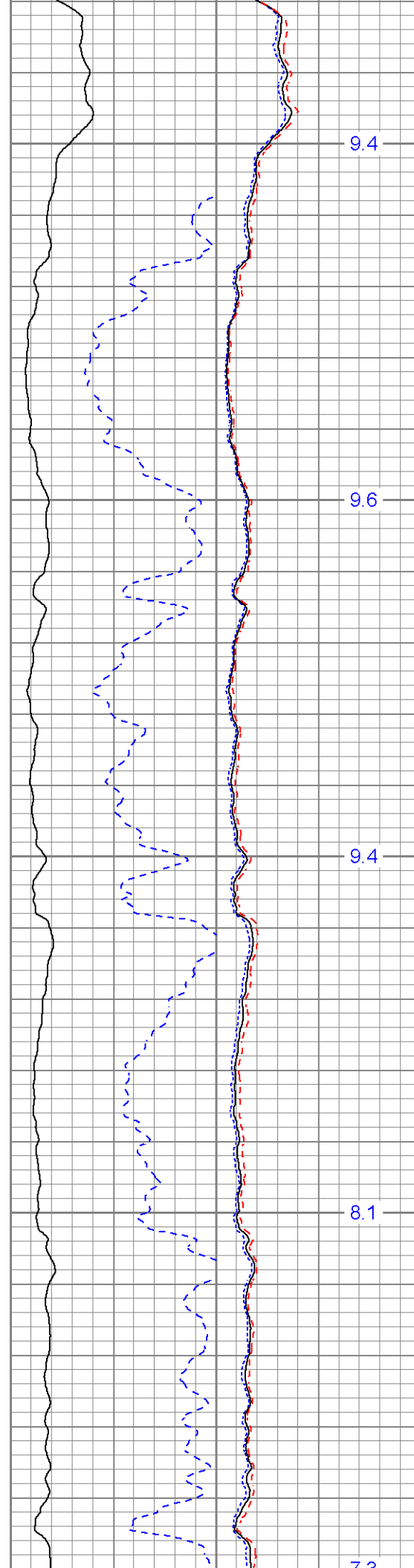
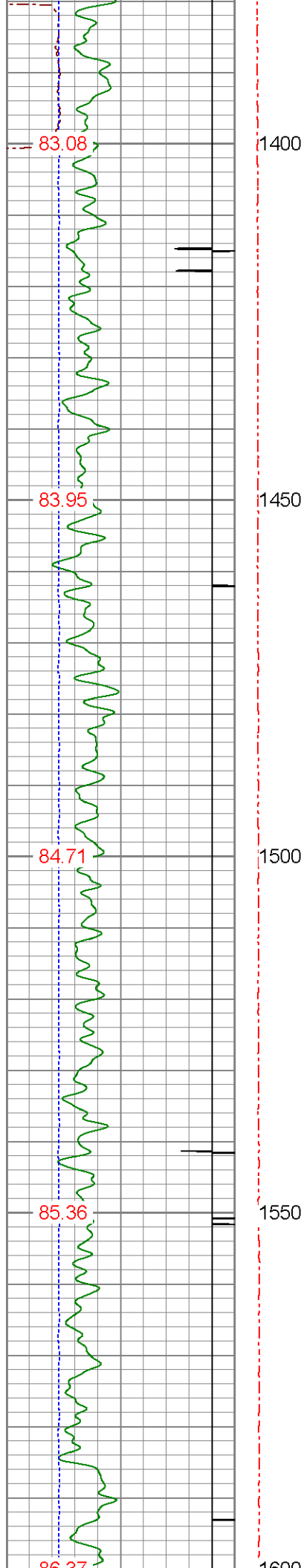


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1000  
1050  
1100  
1150

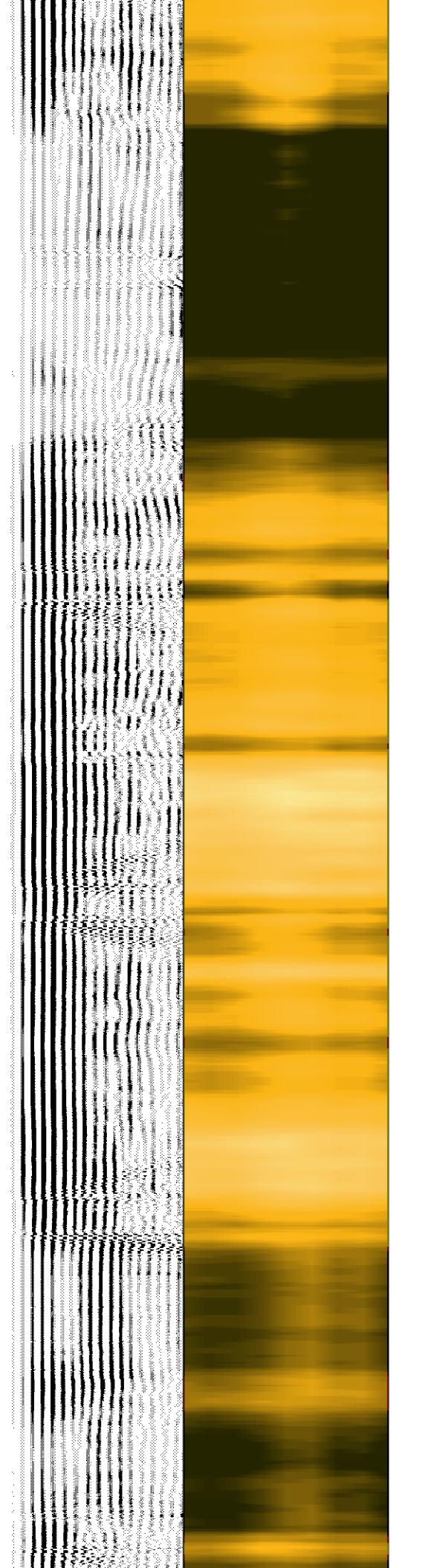
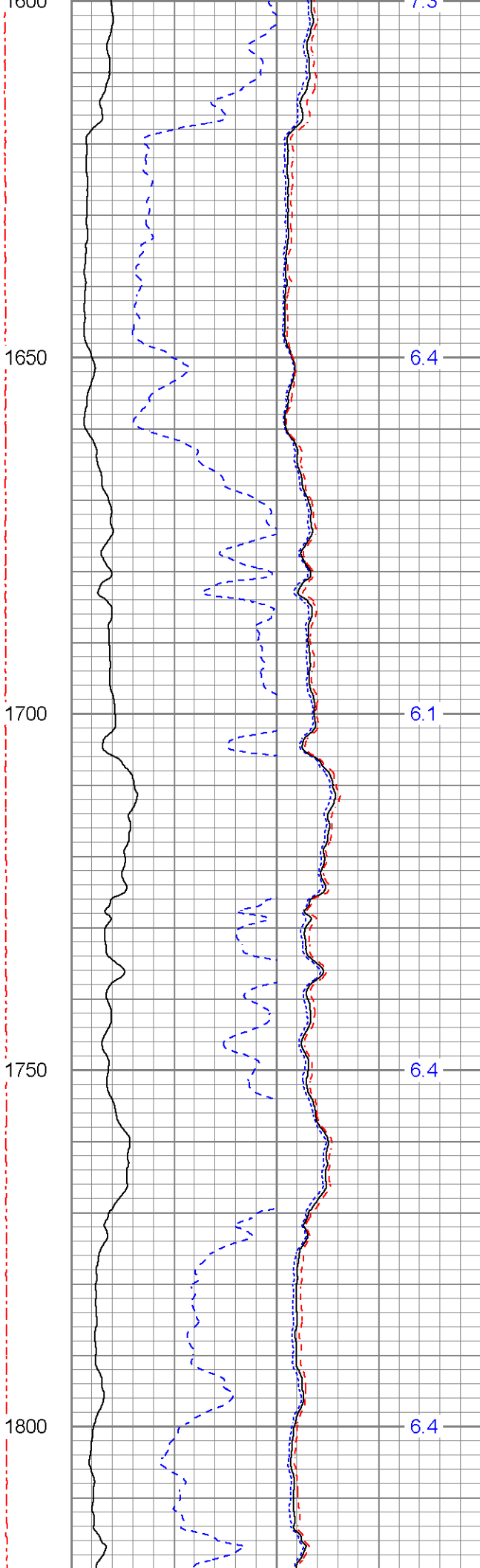
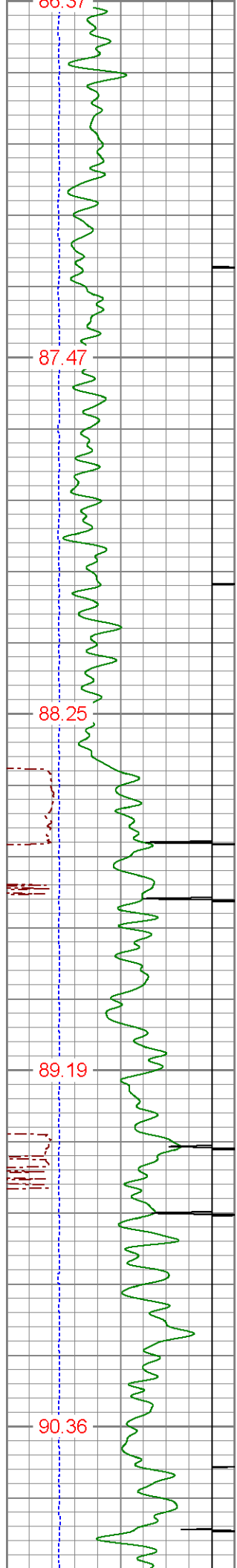


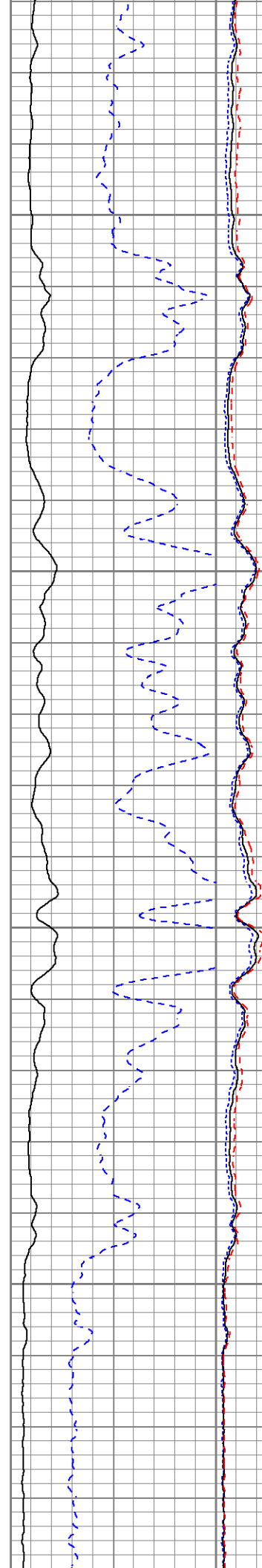
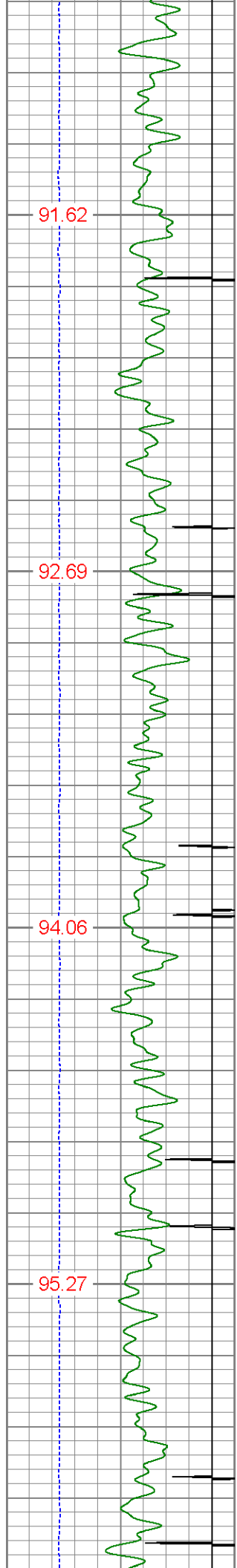




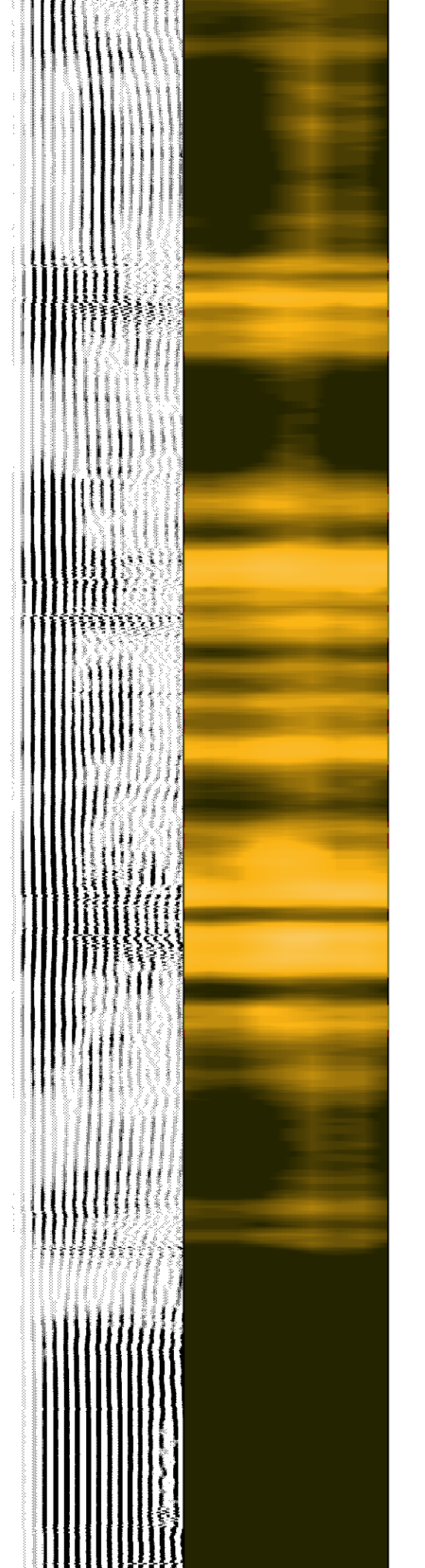




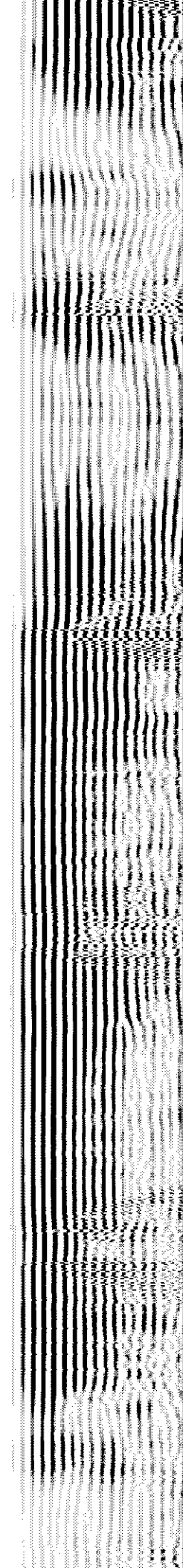
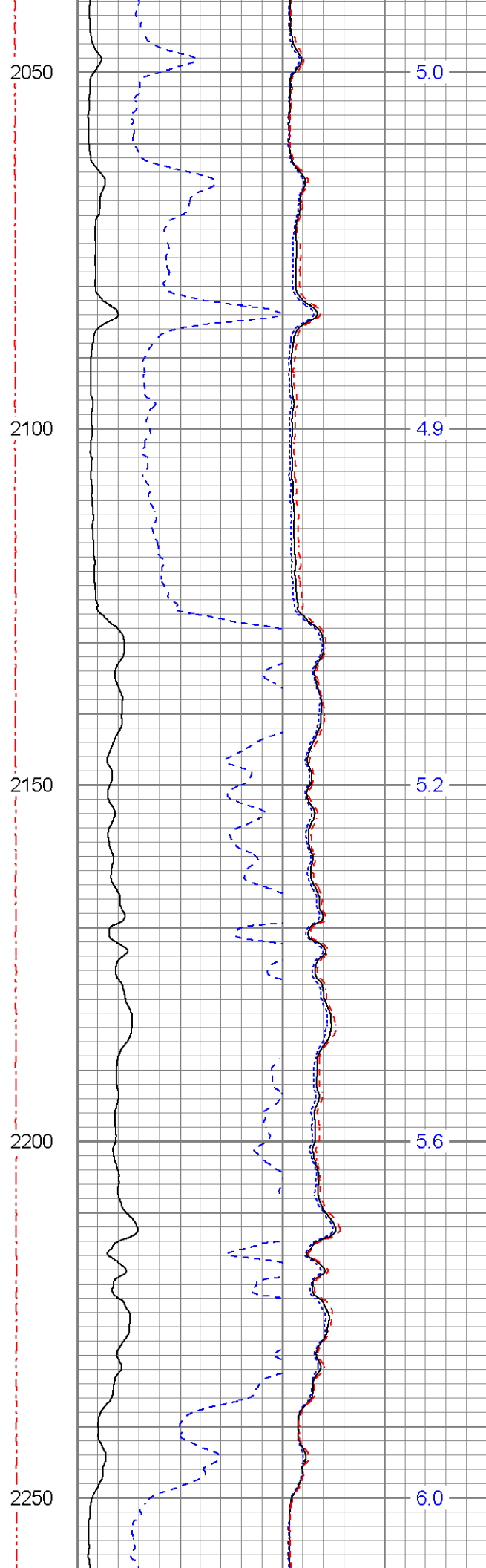
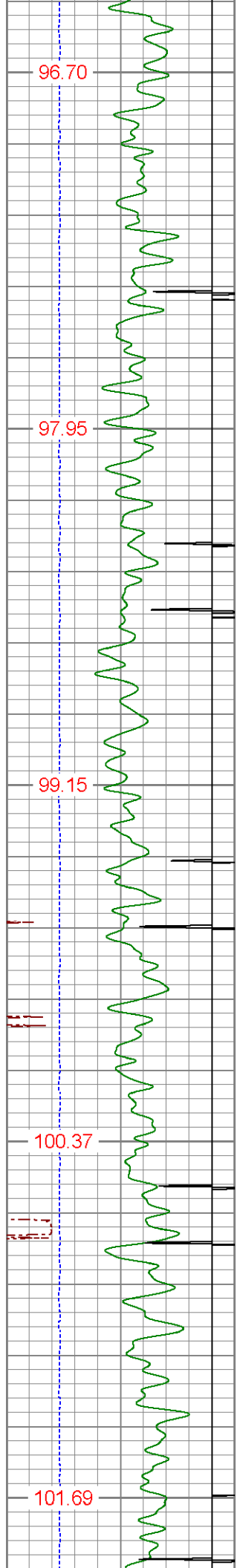


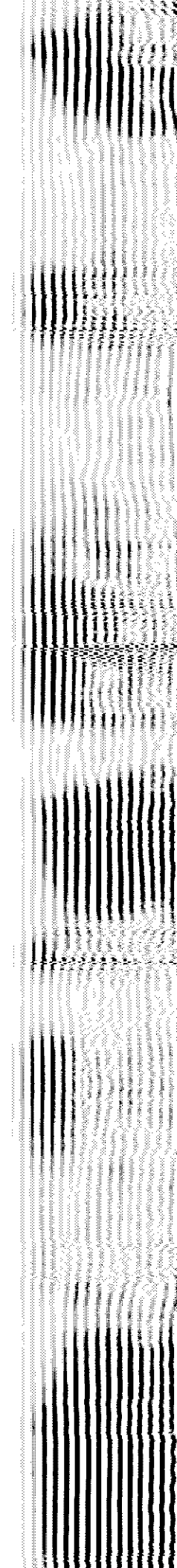
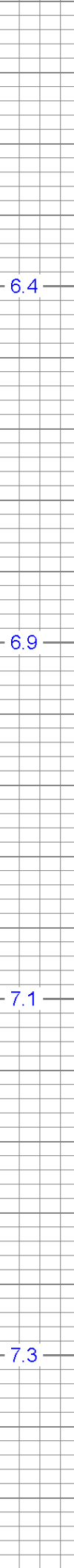
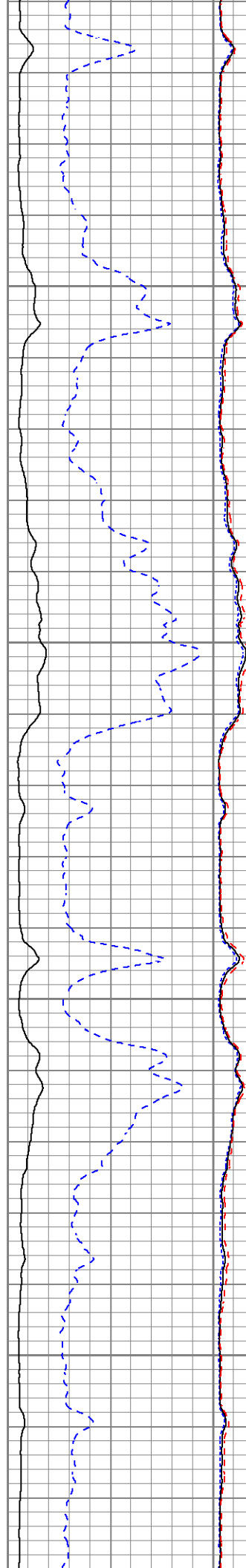
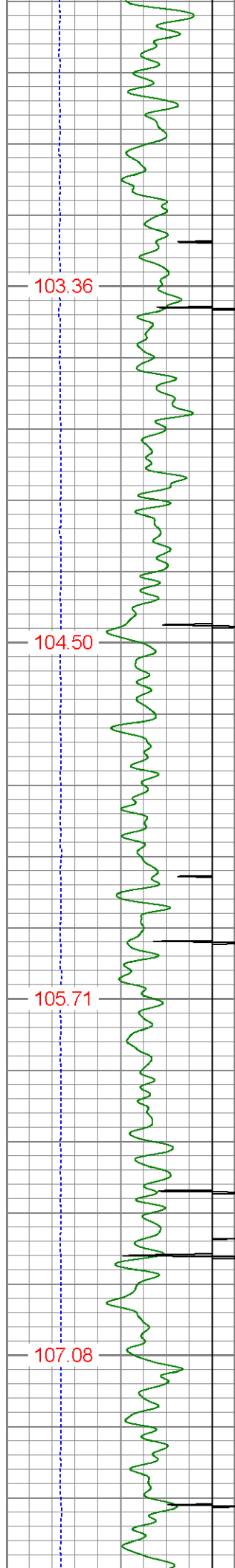


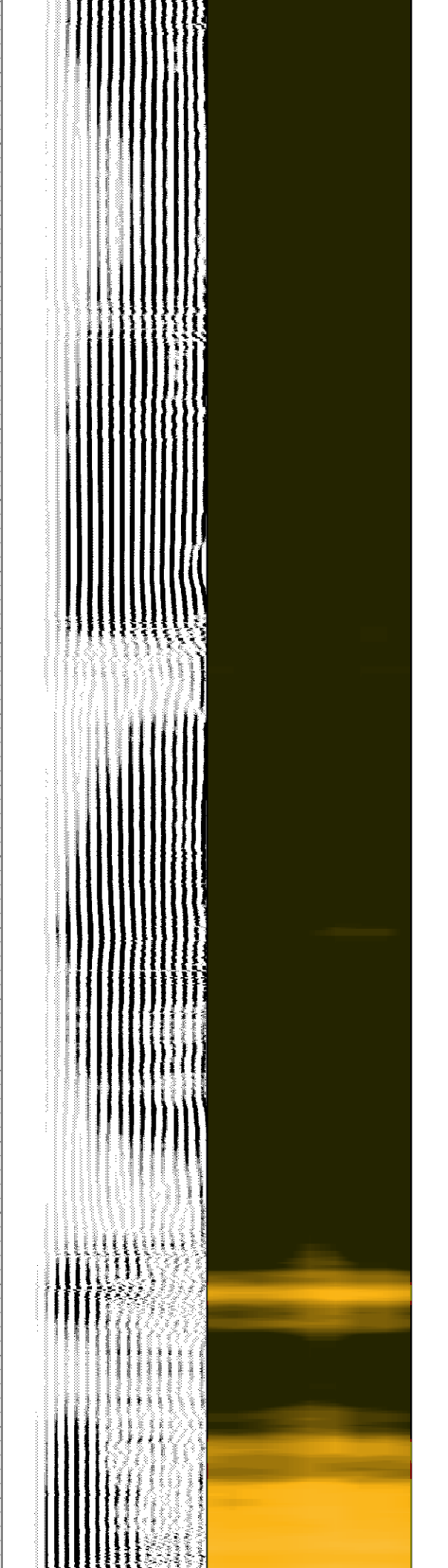
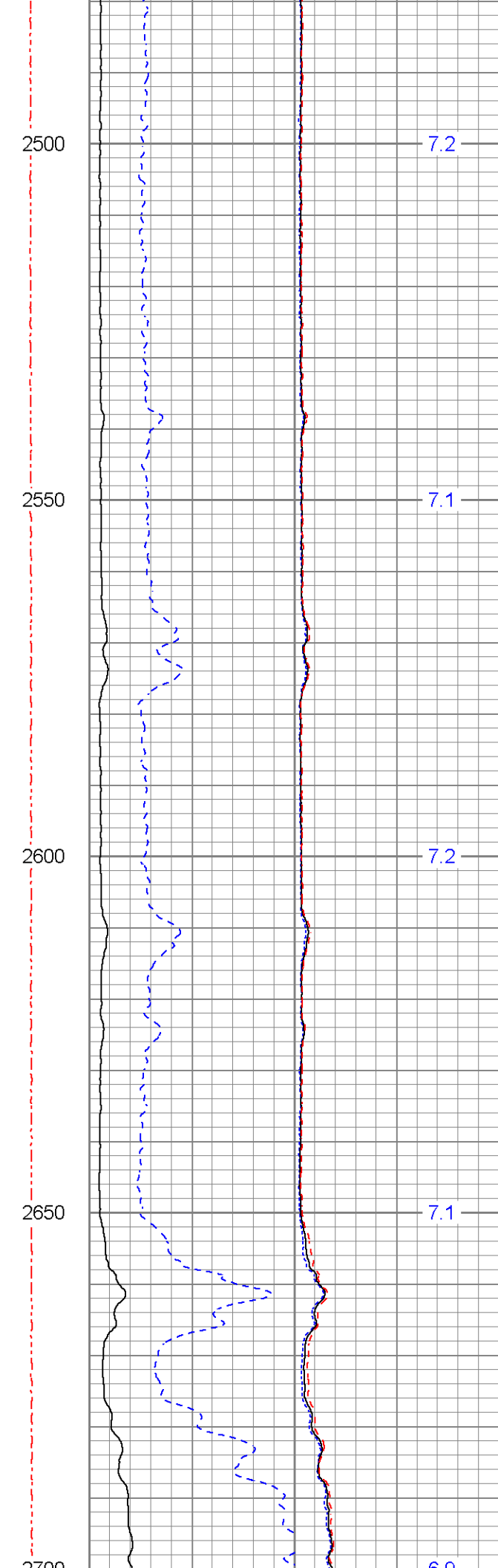
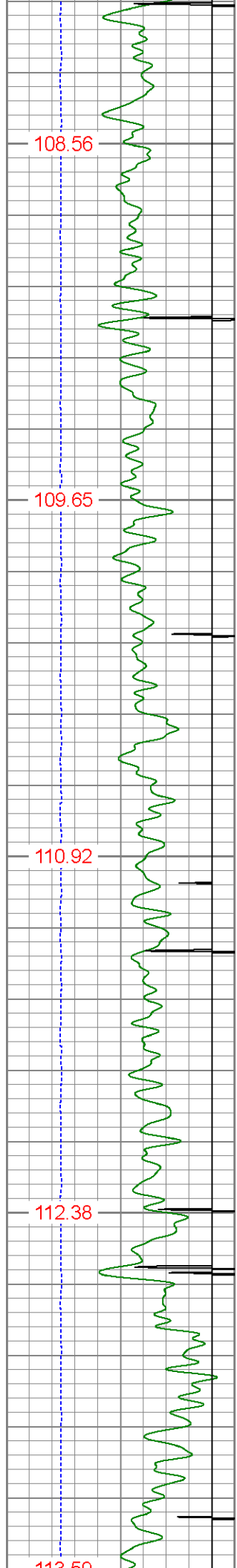
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5.3  
5.1  
4.8

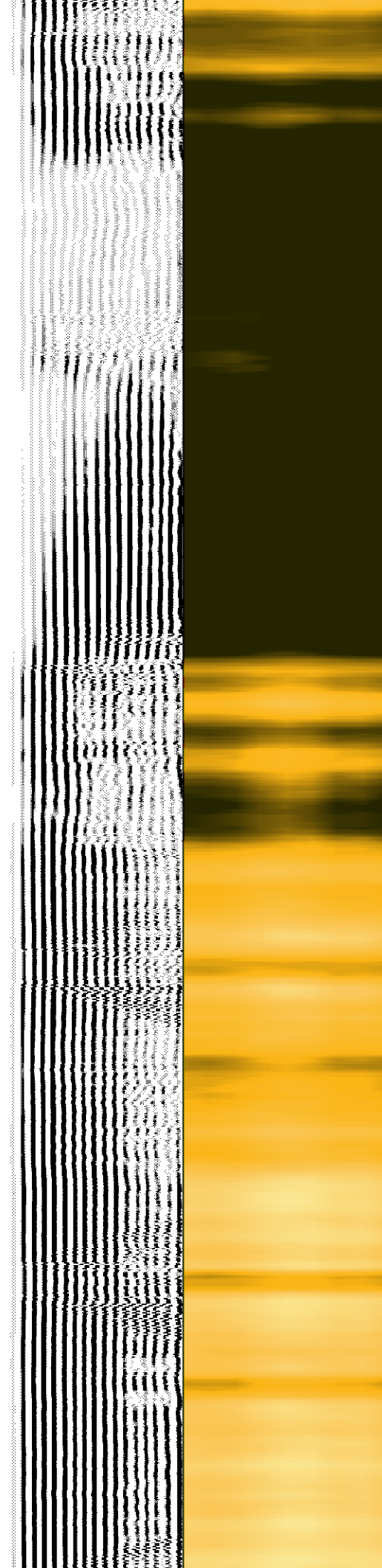
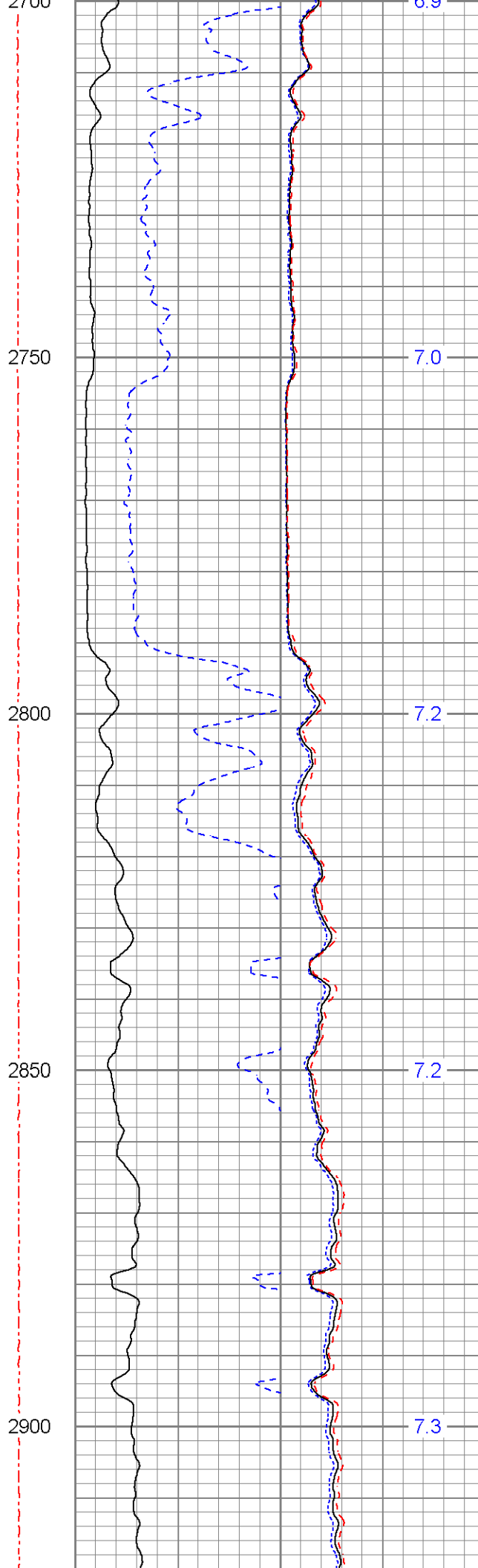
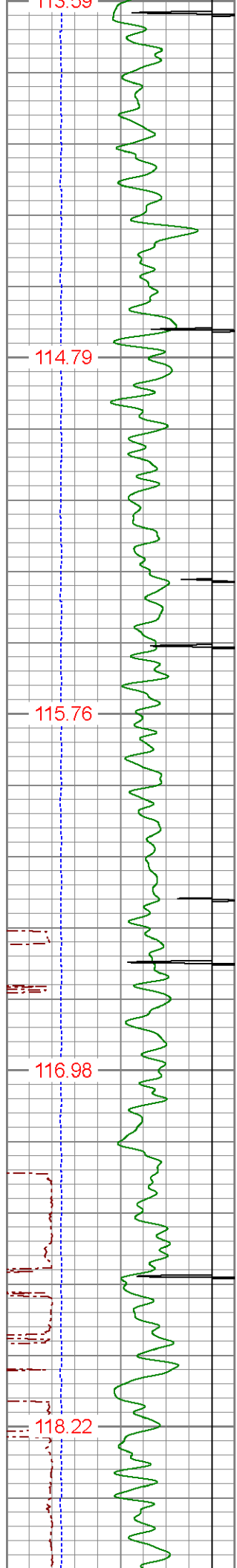




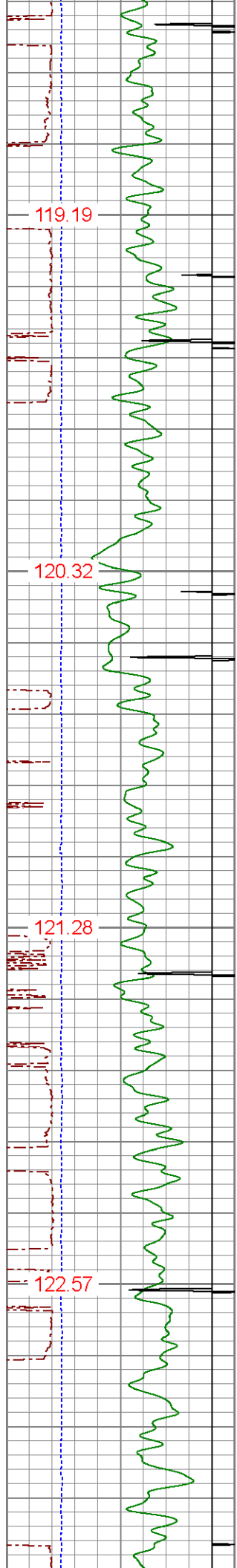










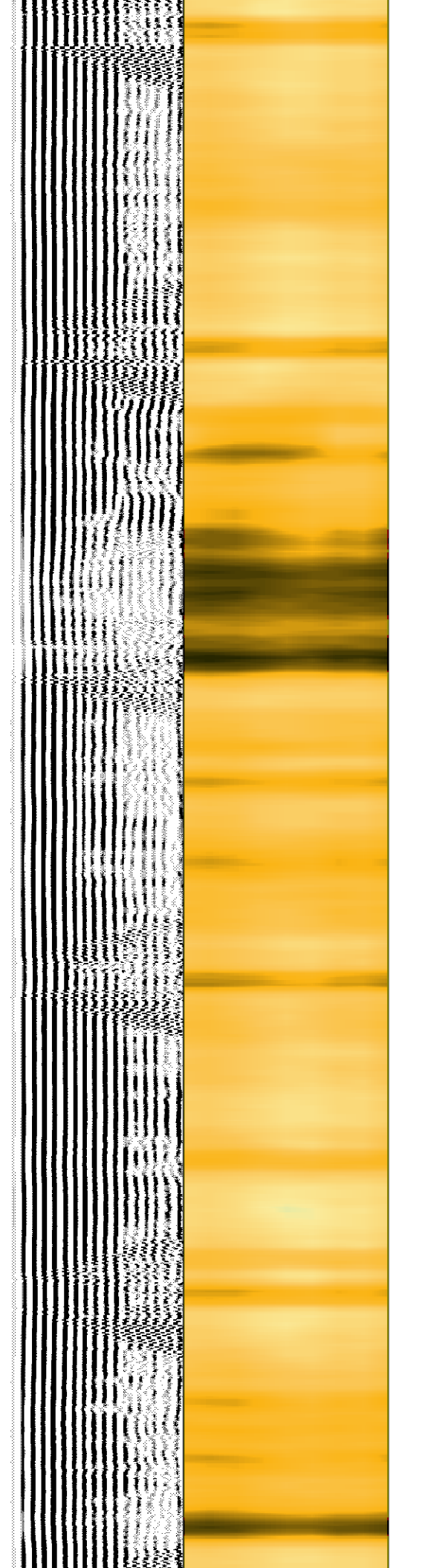
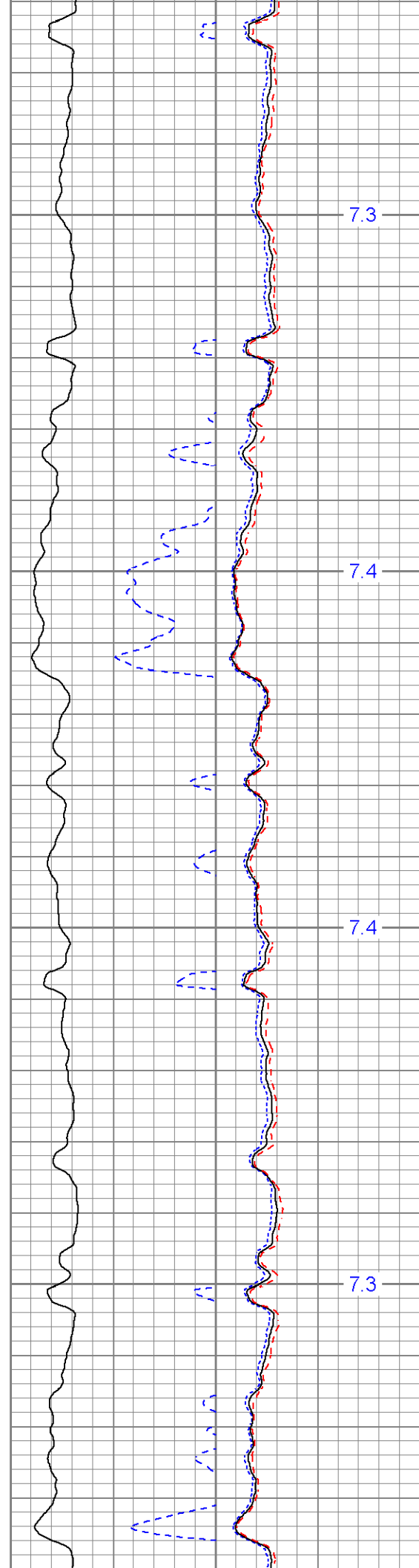


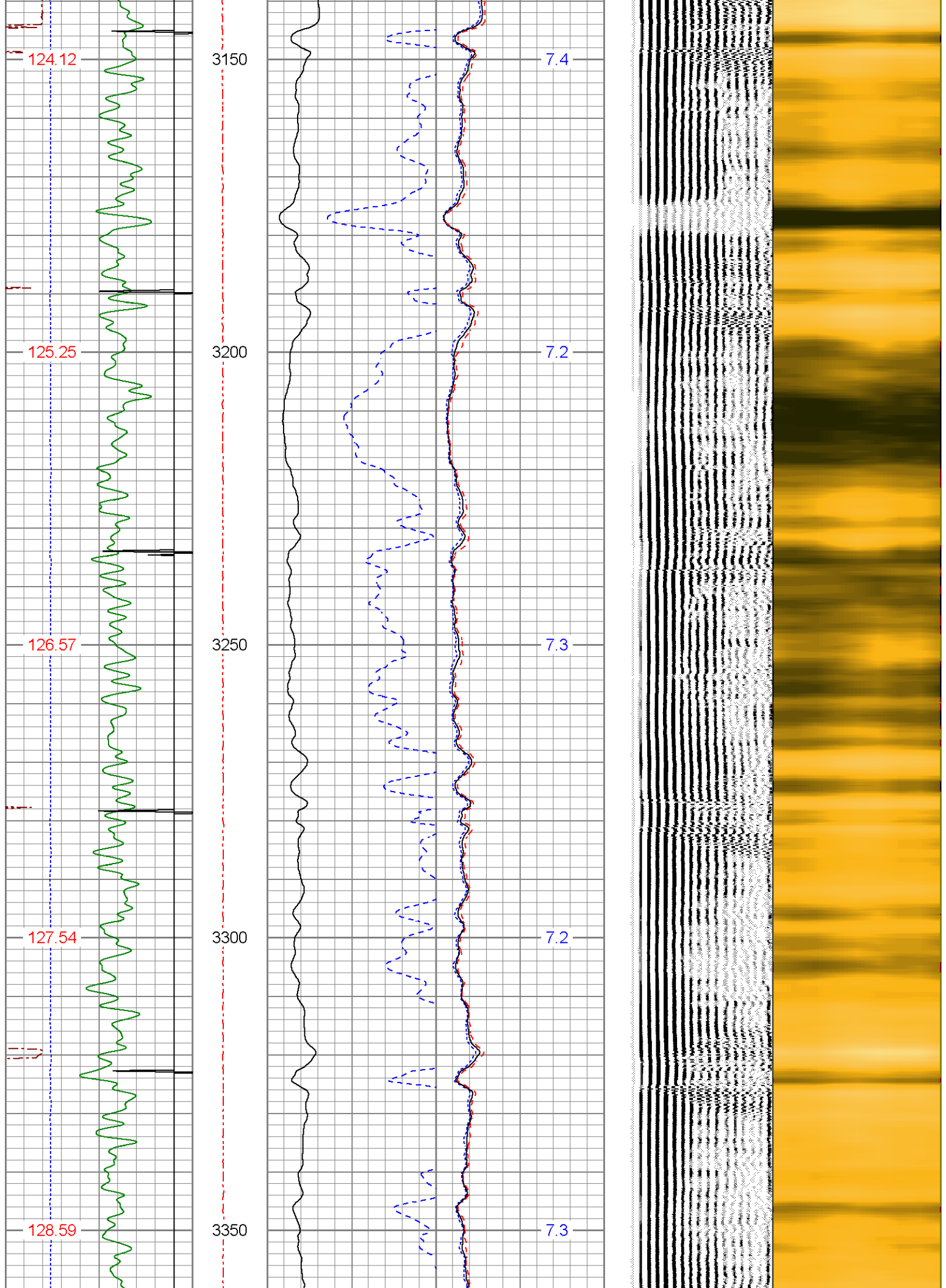
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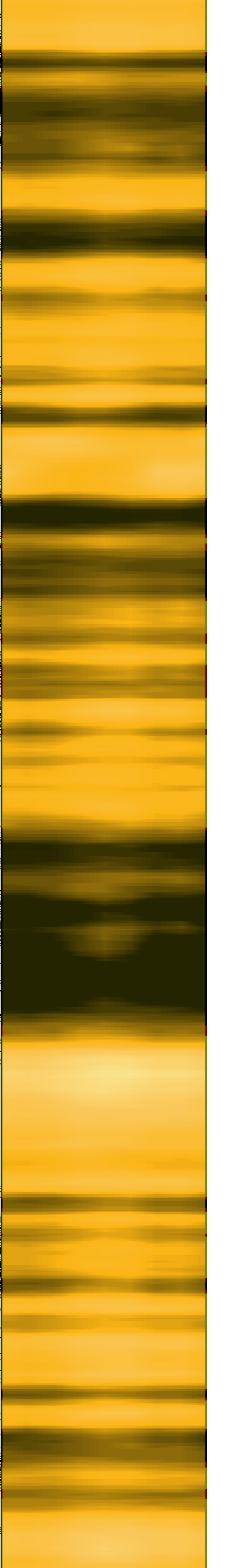
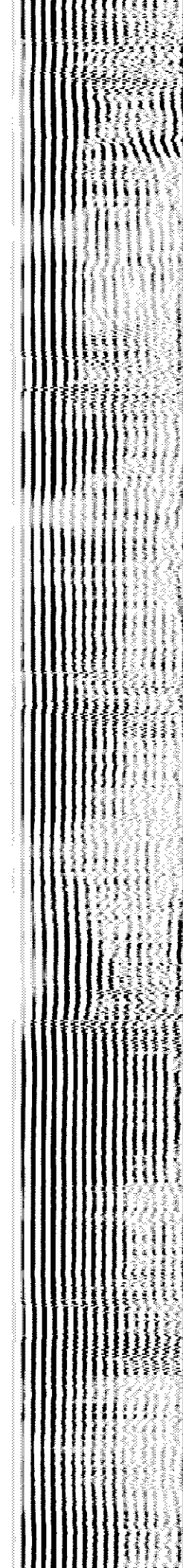
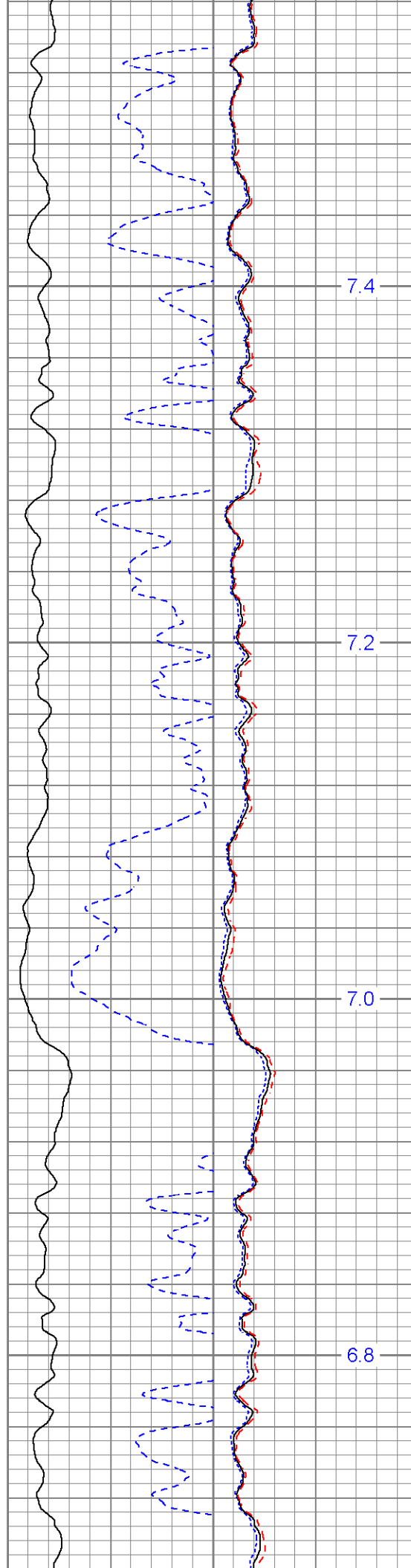
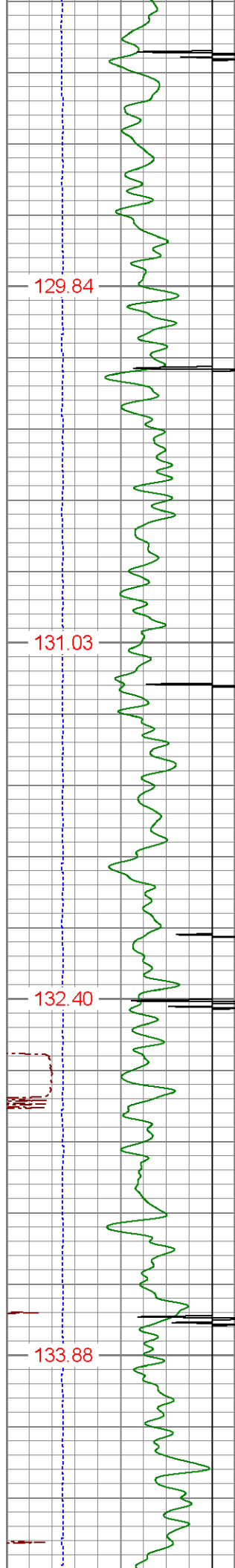
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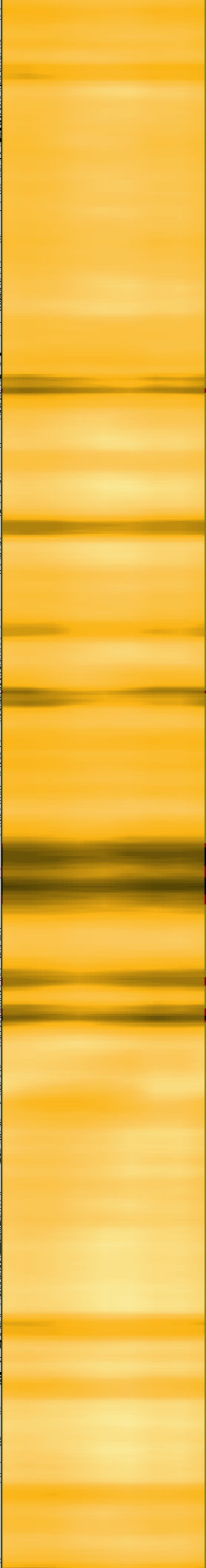
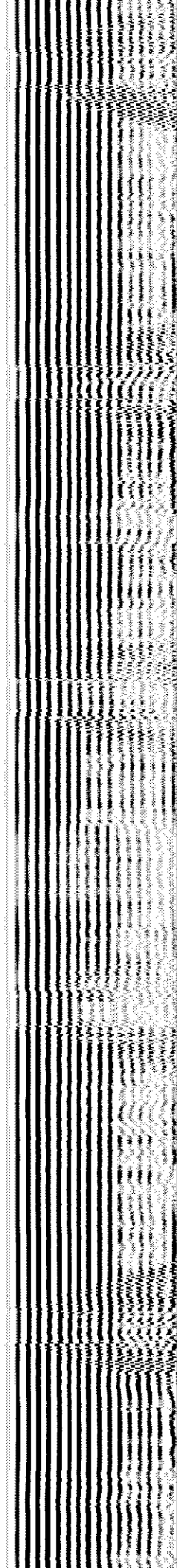
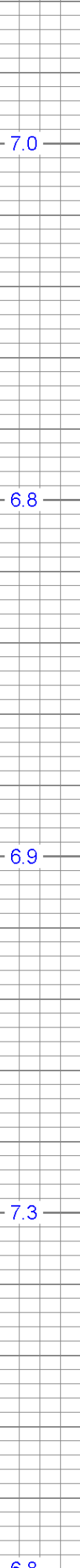
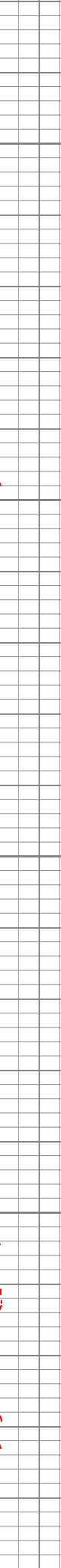
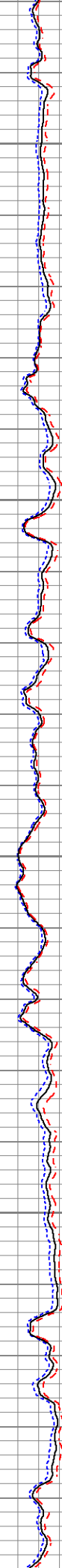
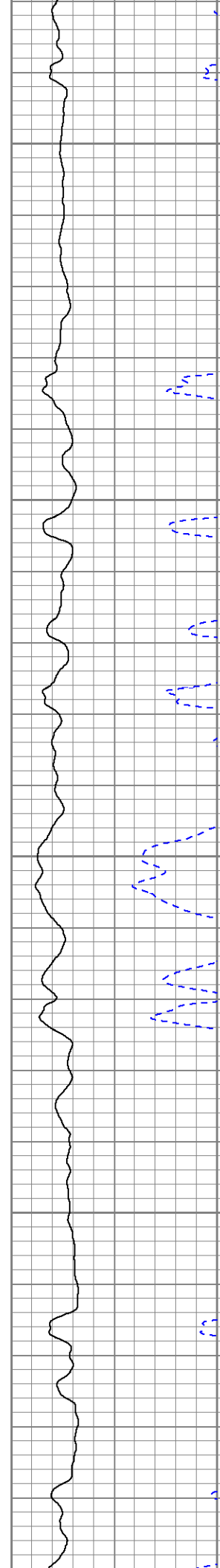
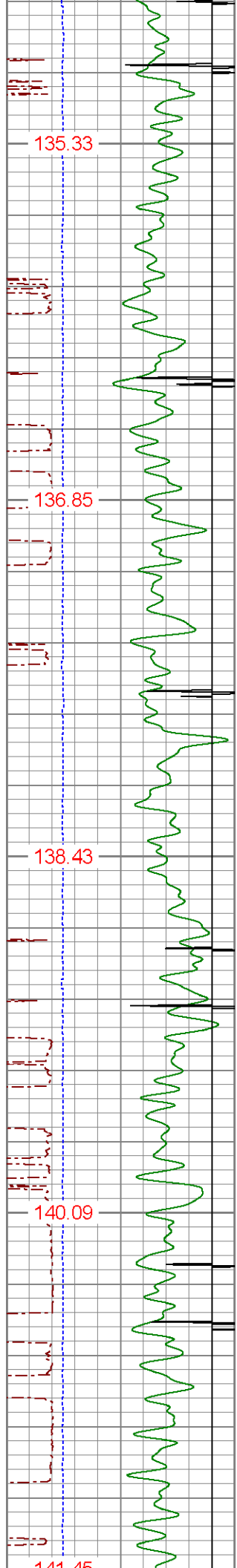
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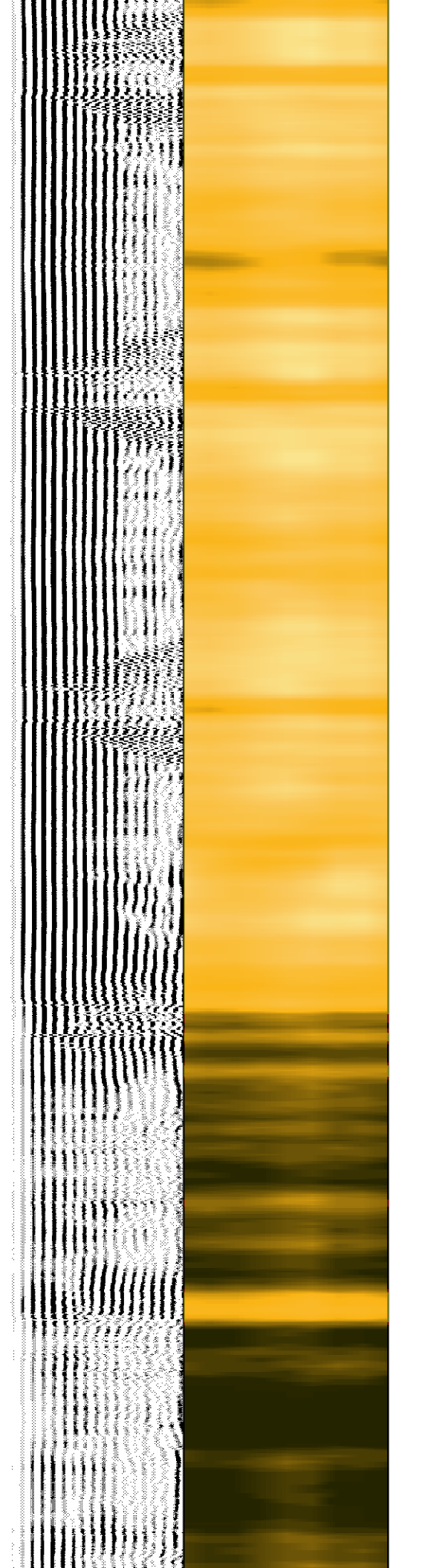
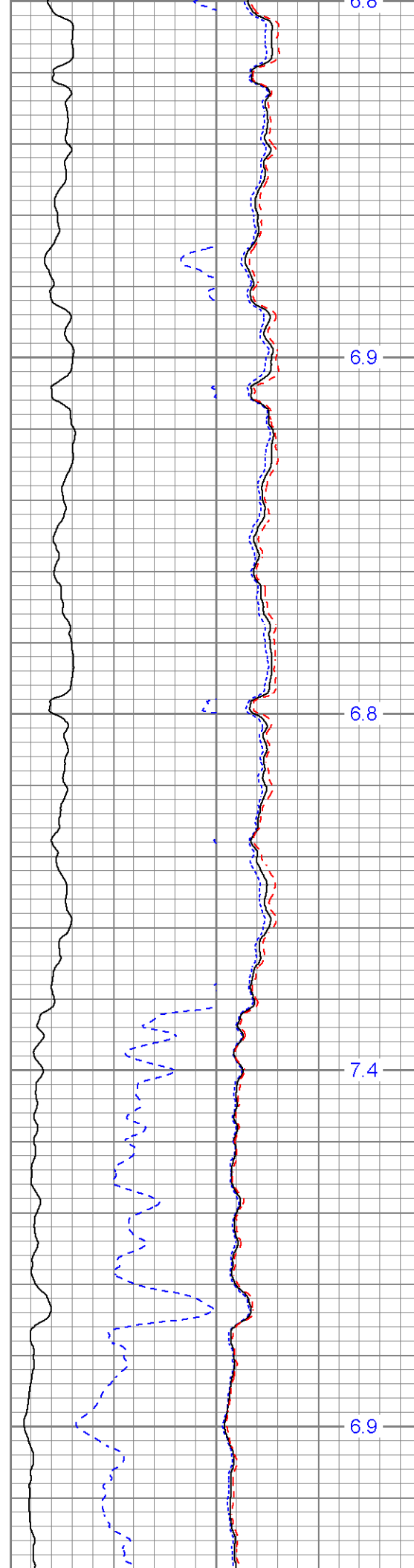
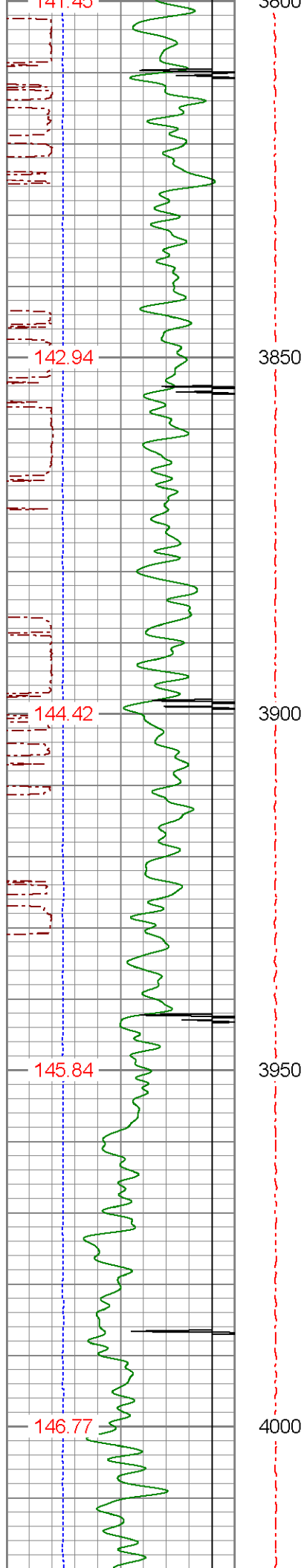


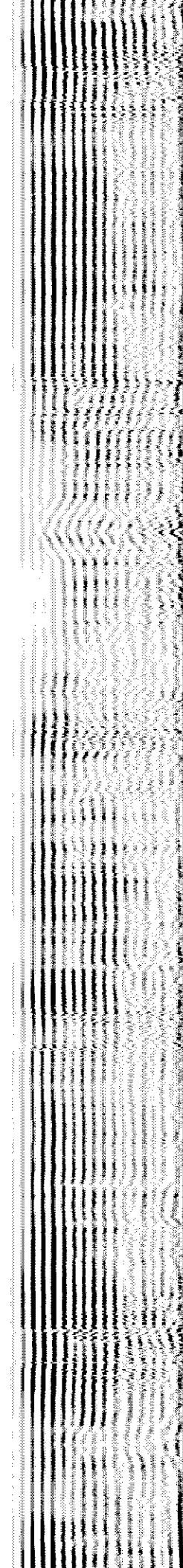
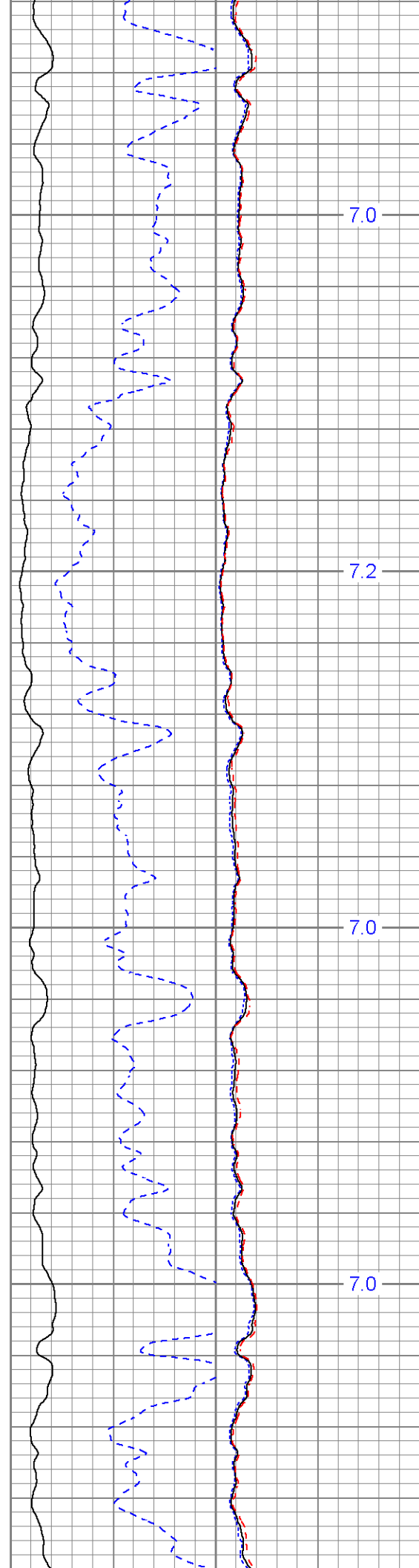
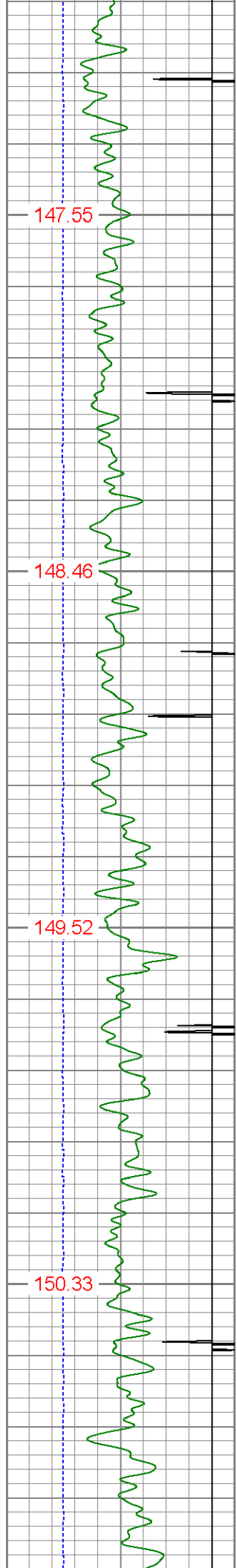


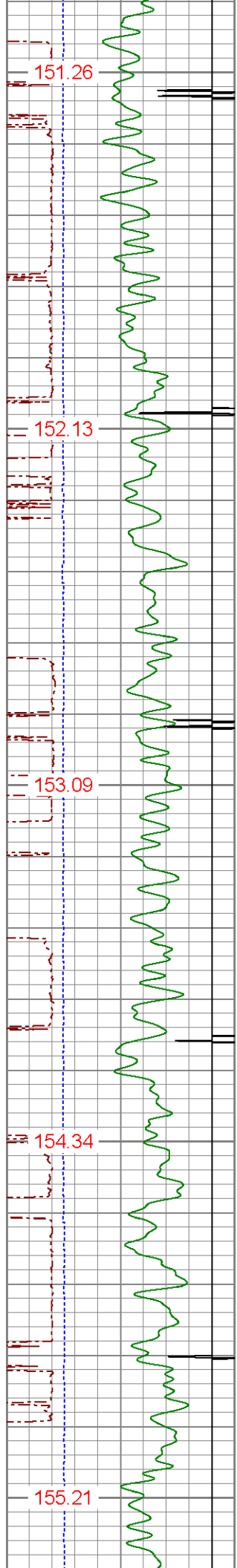




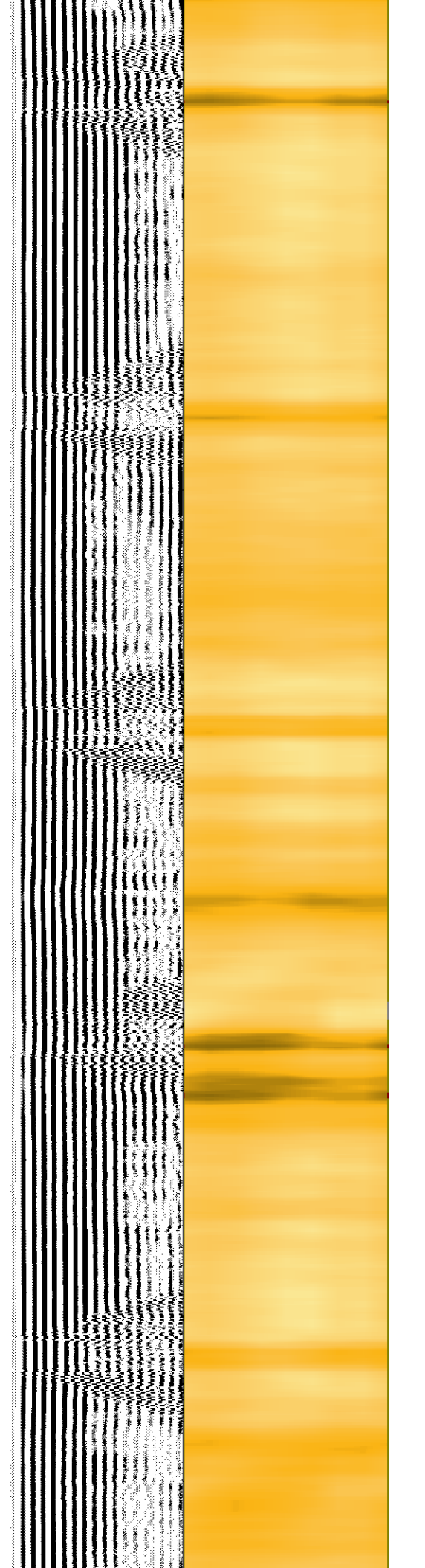
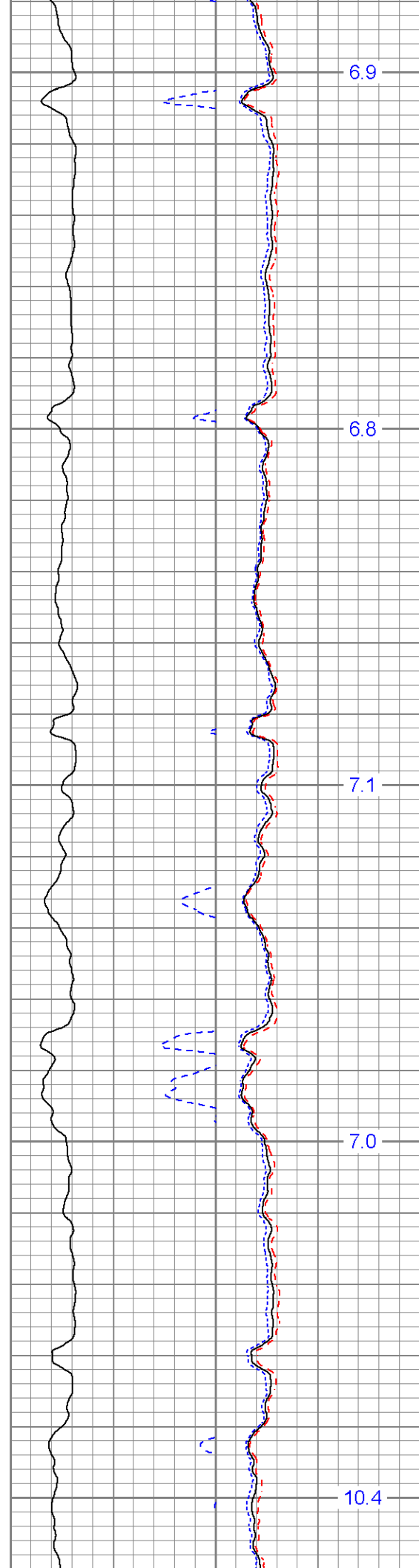


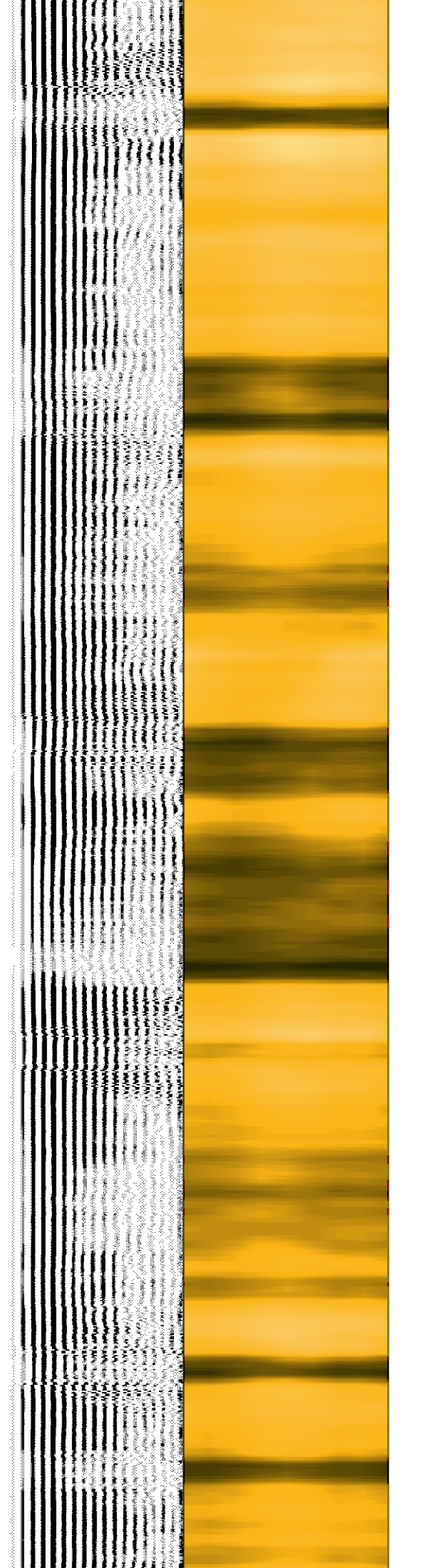
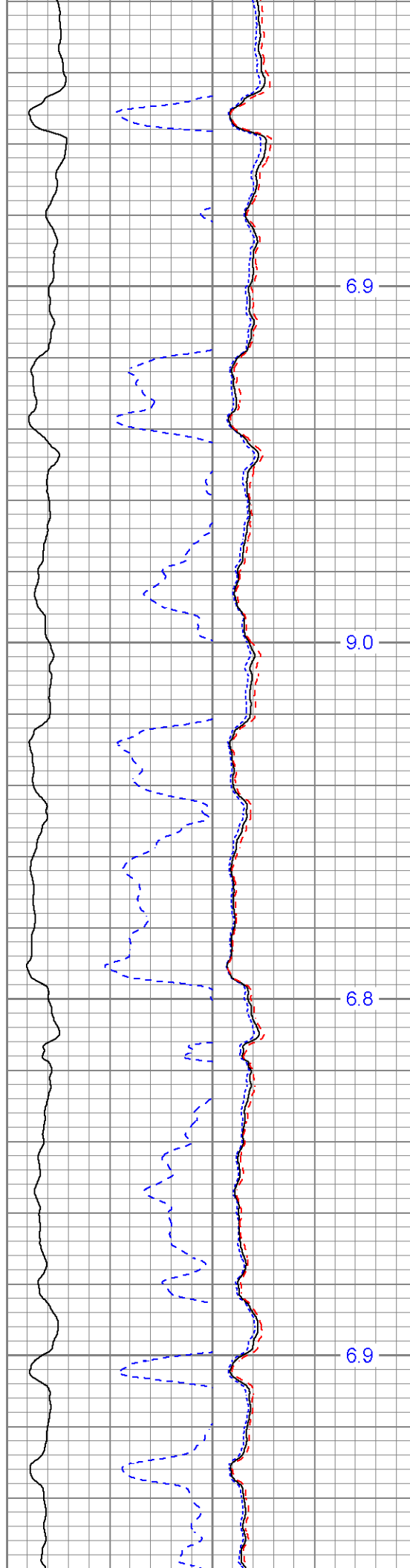
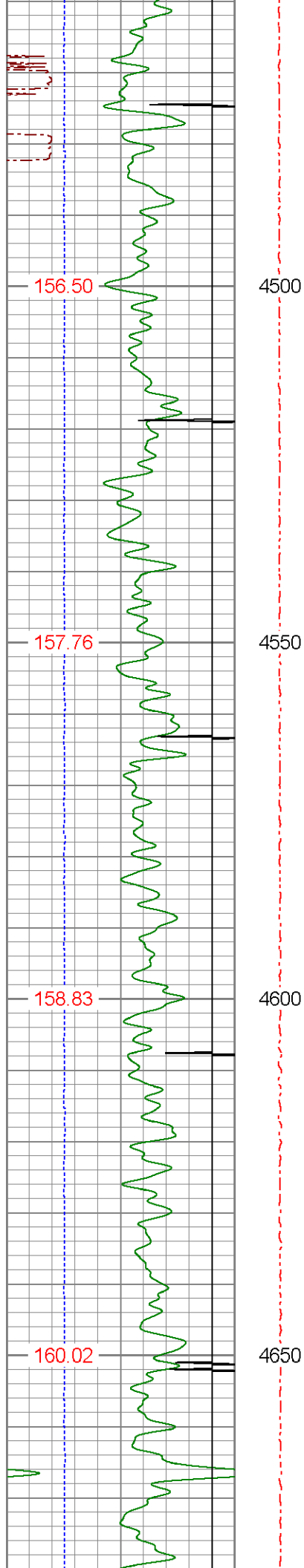




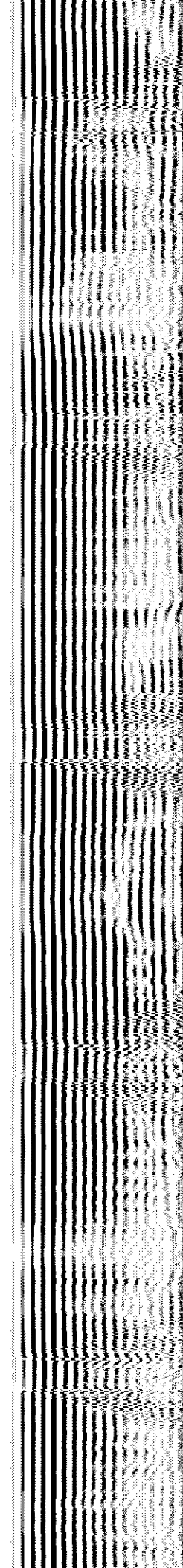
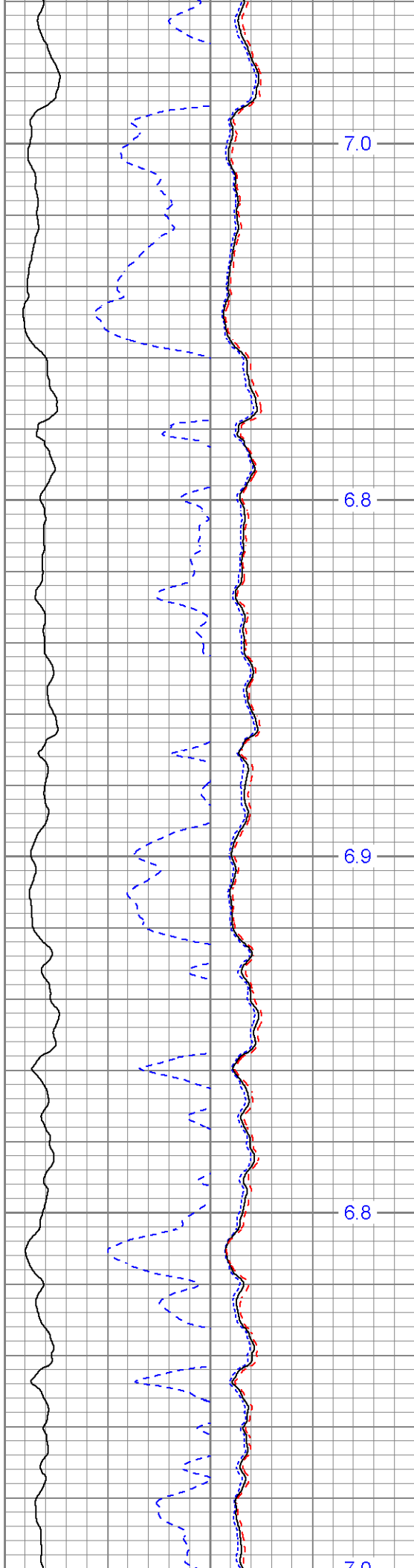
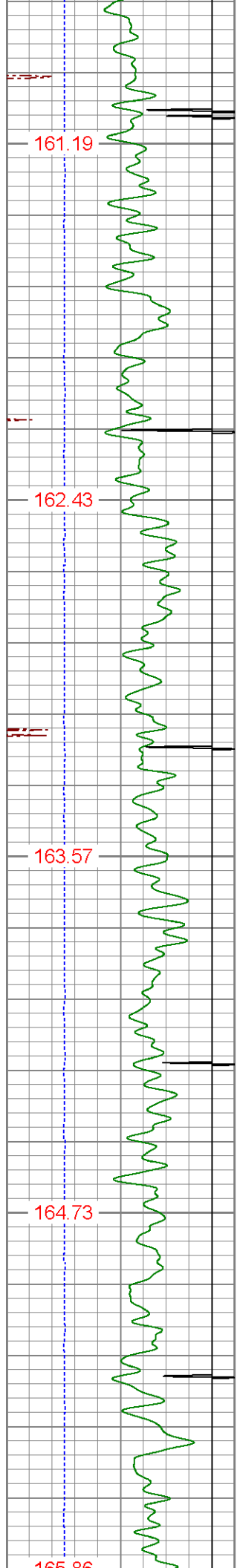


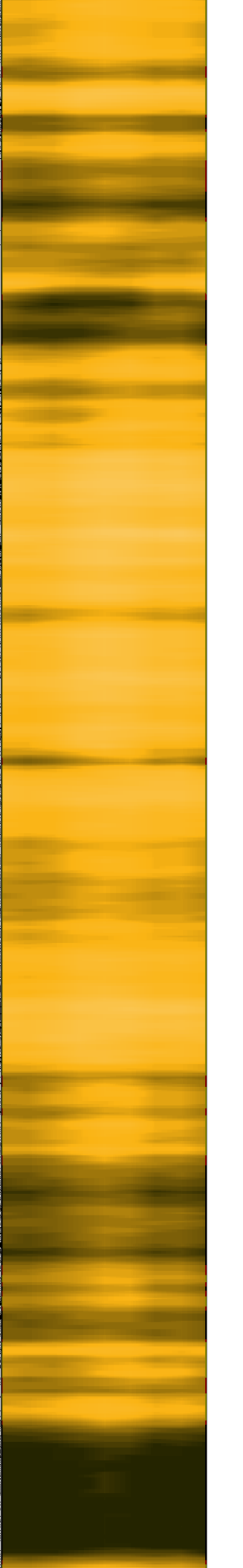
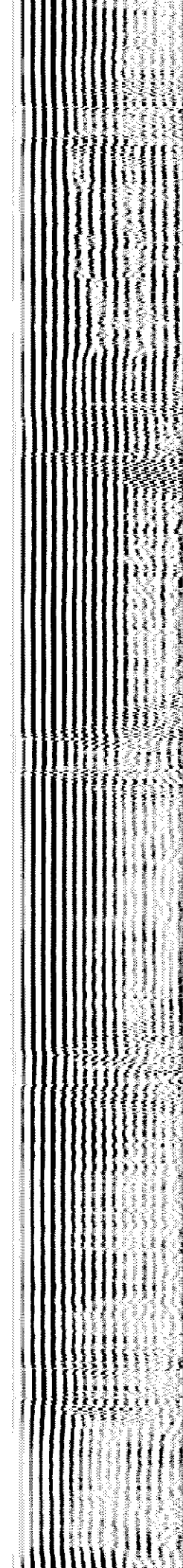
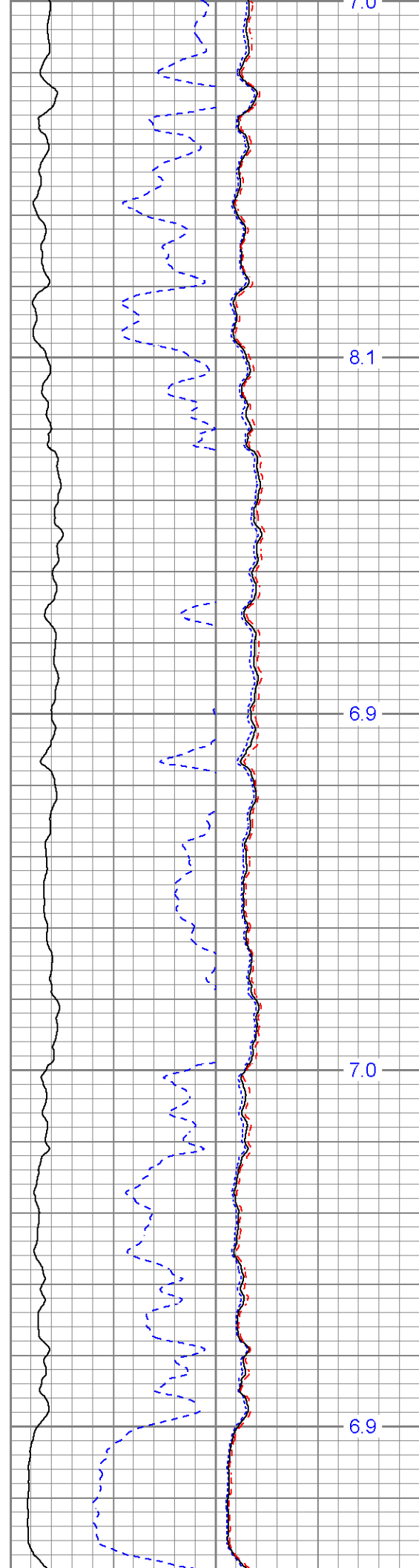
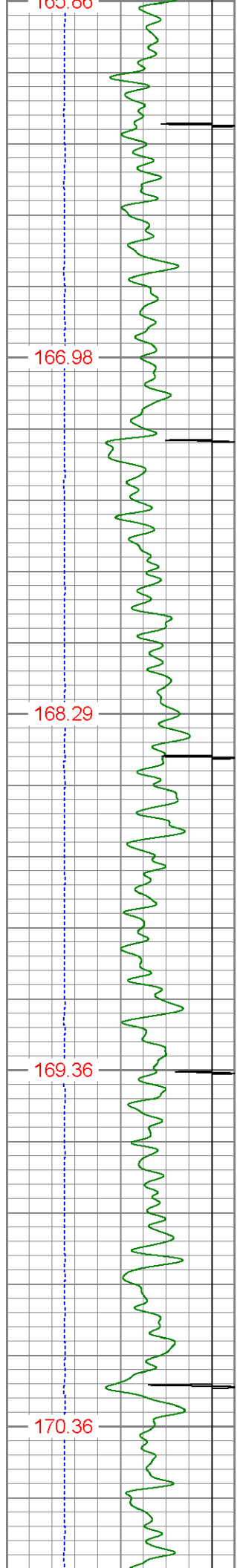
4250  
4300  
4350  
4400  
4450

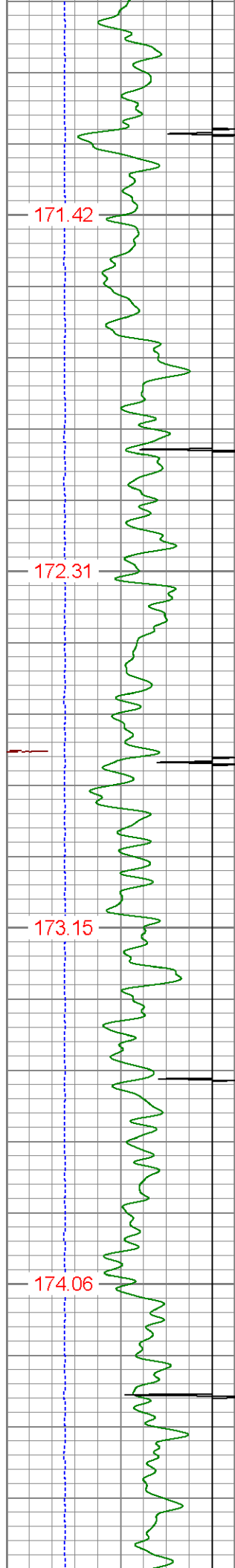










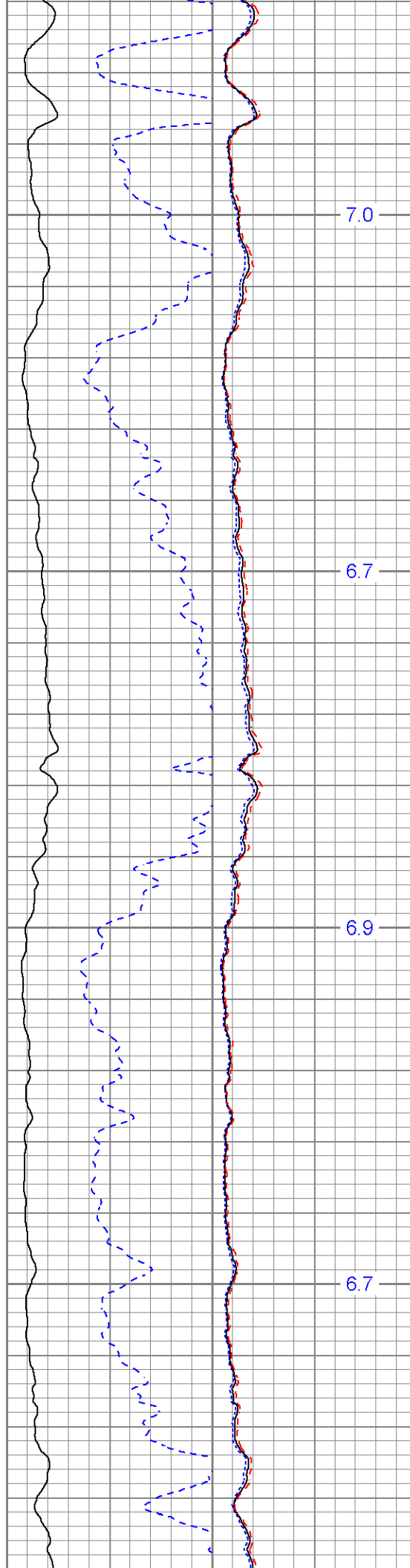


5150

5200

5250

5300

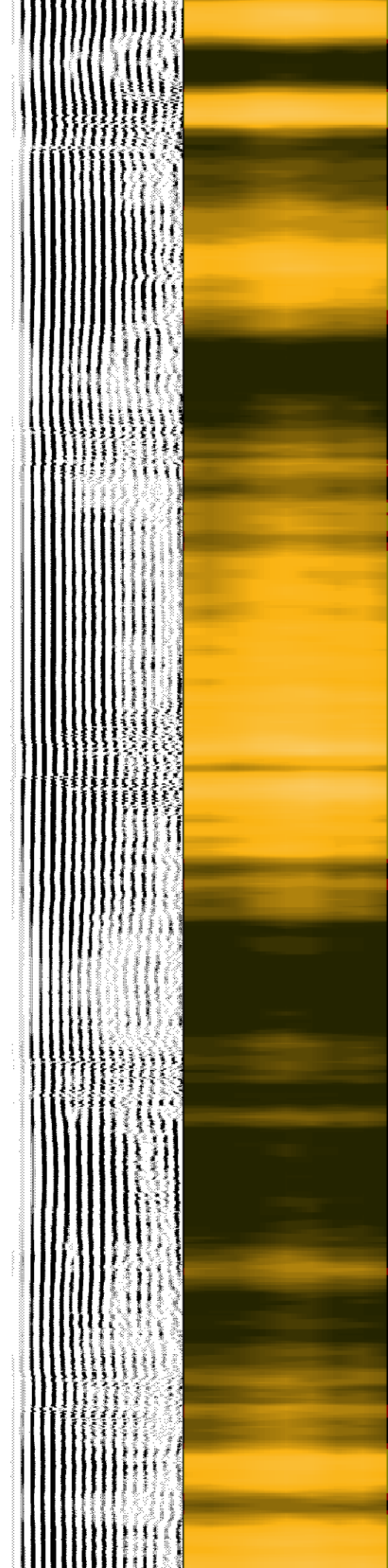


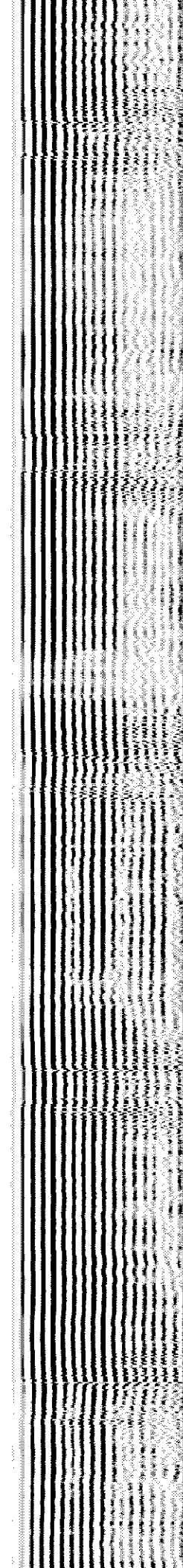
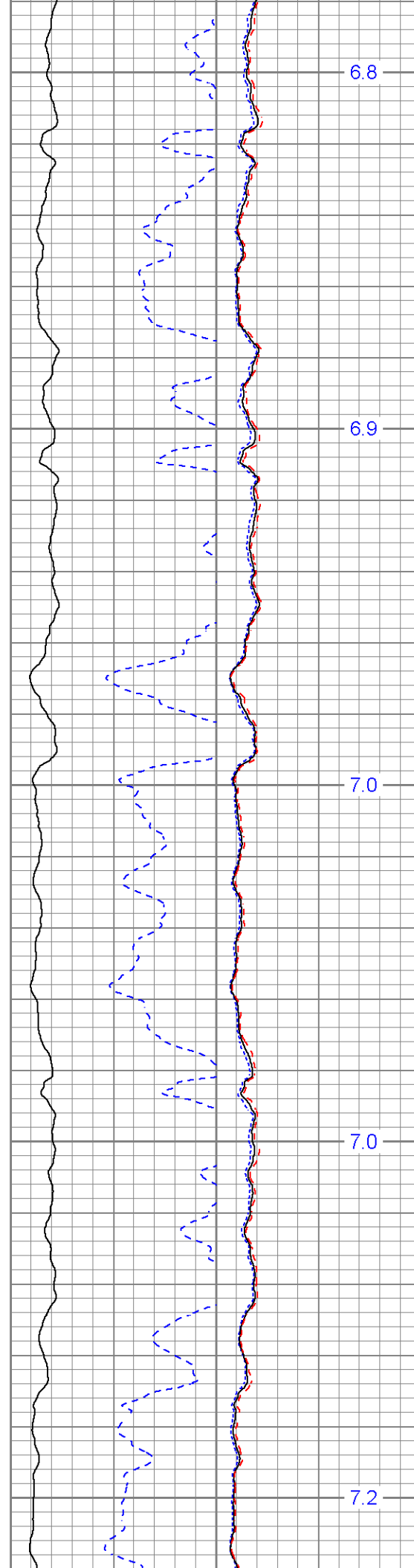
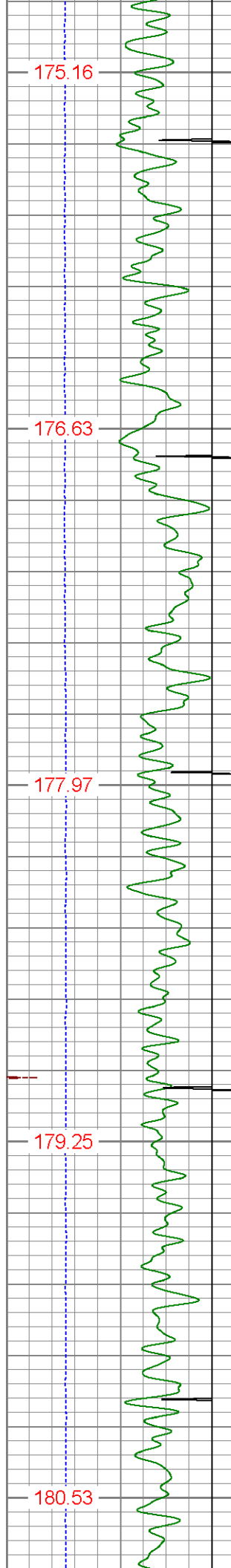
7.0

6.7

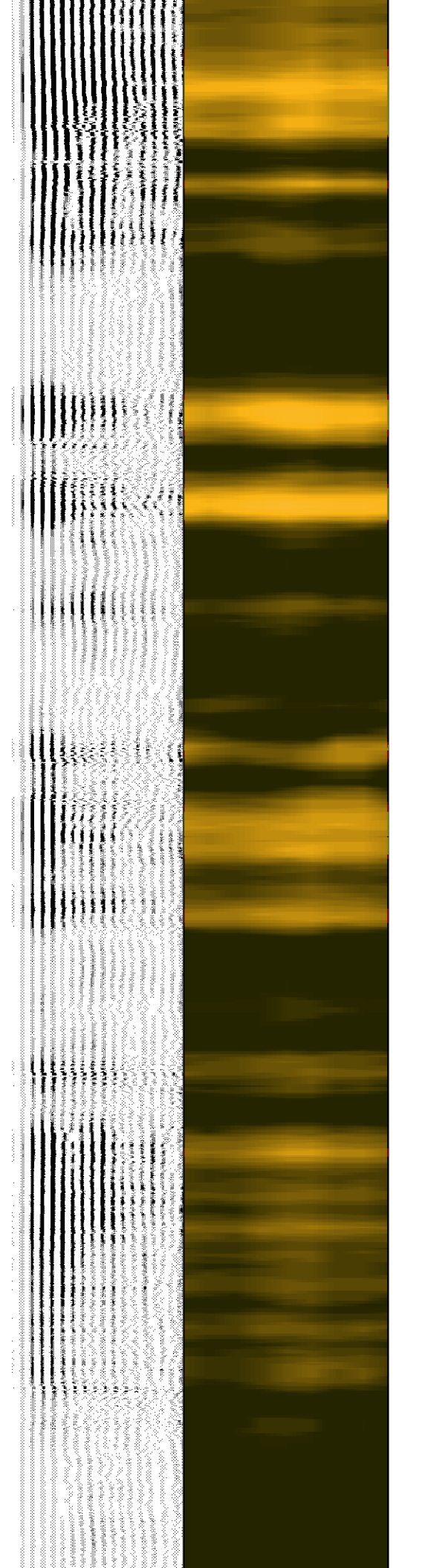
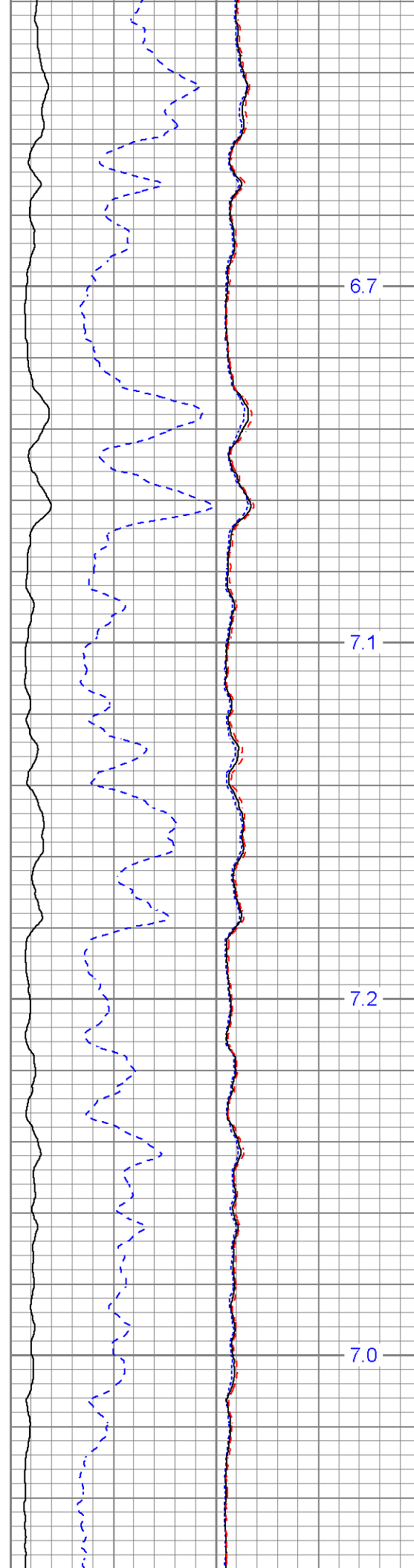
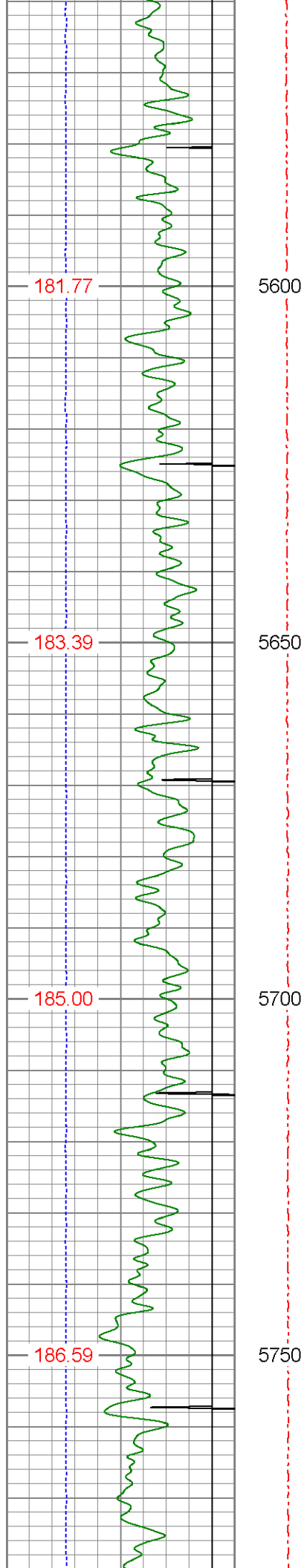
6.9

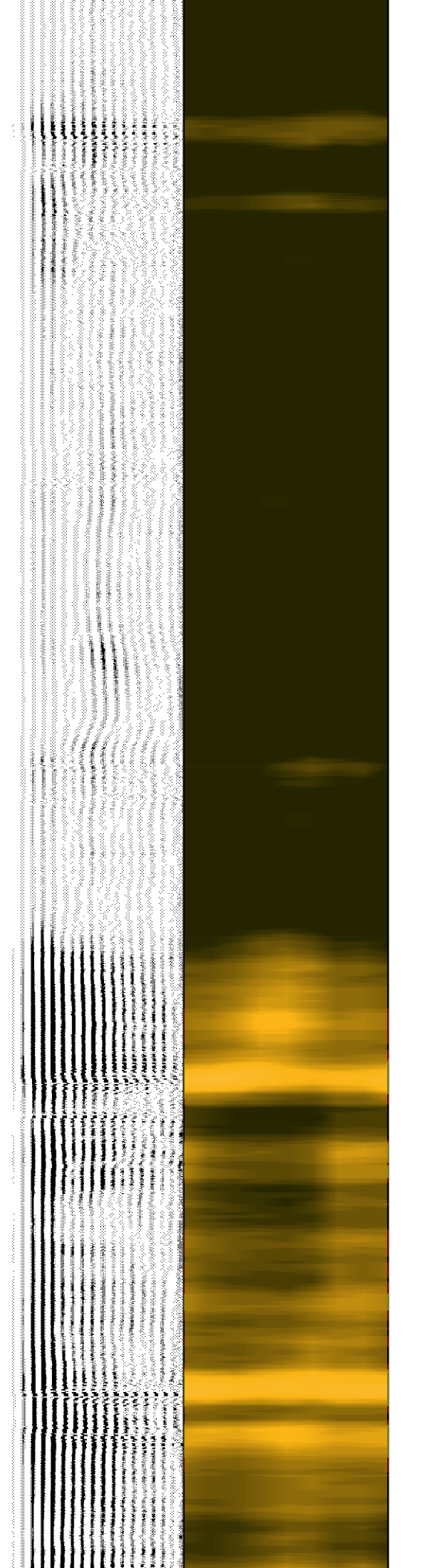
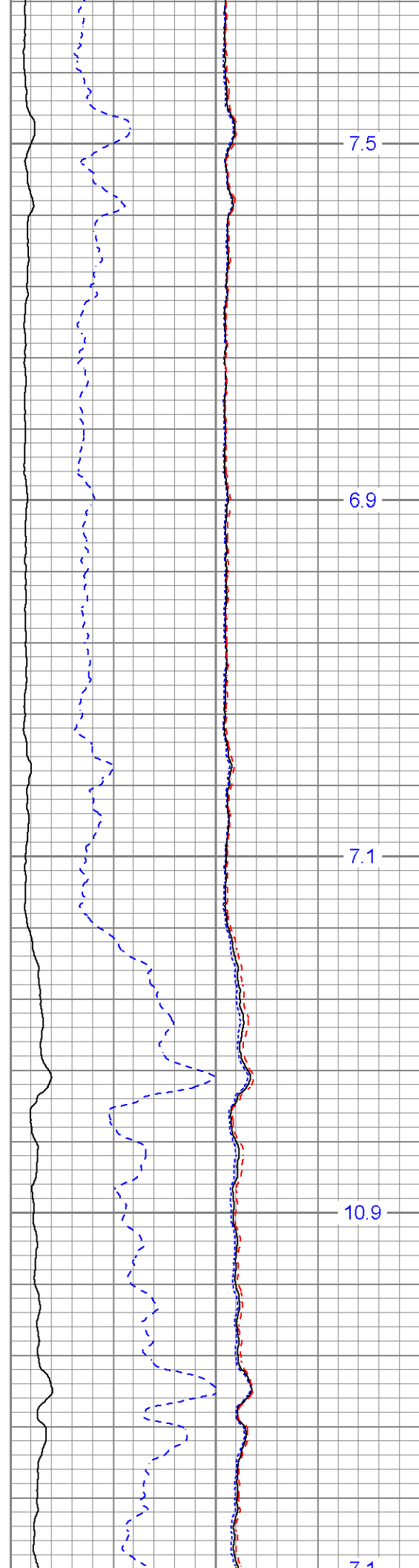
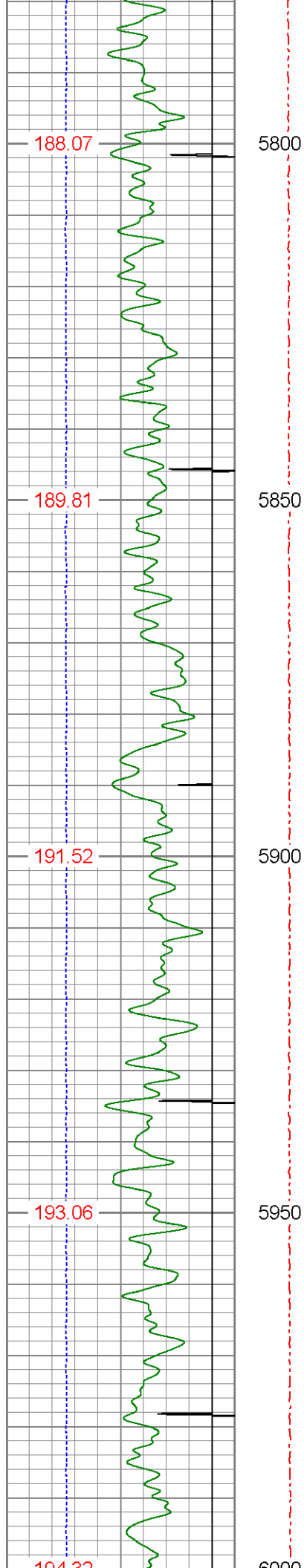
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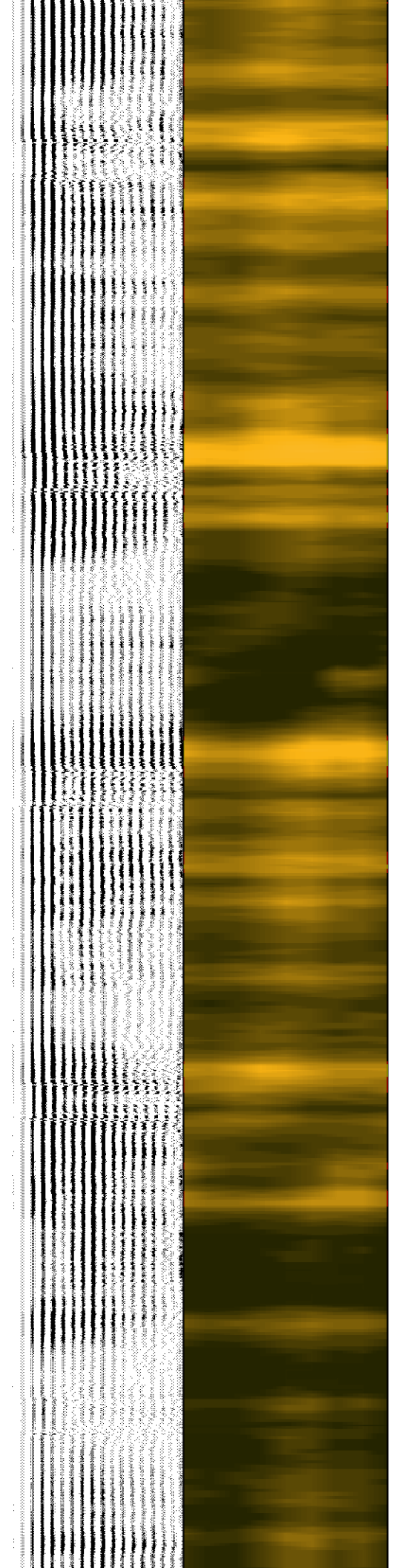
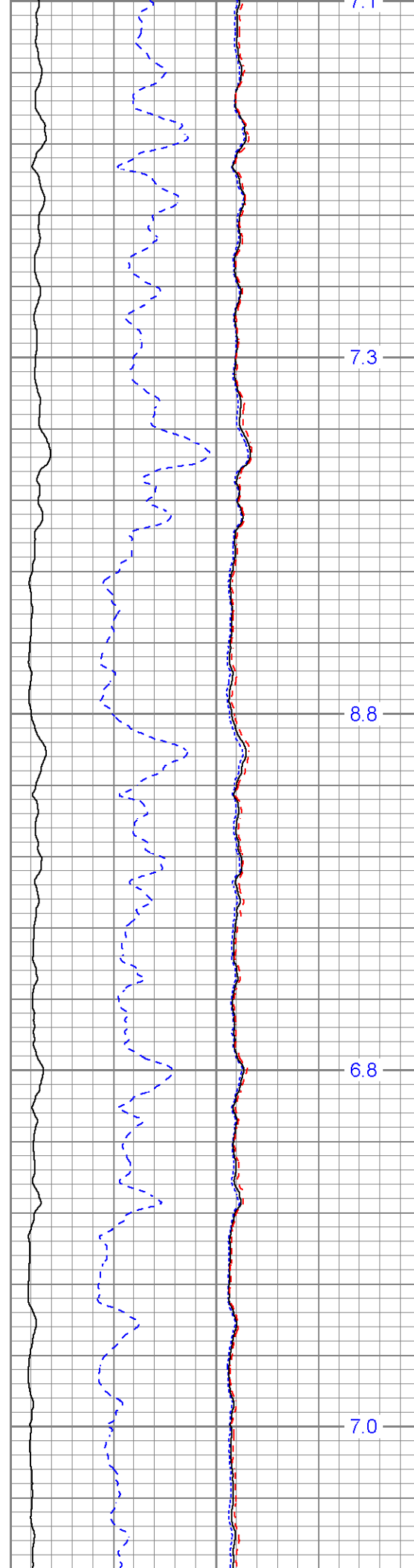
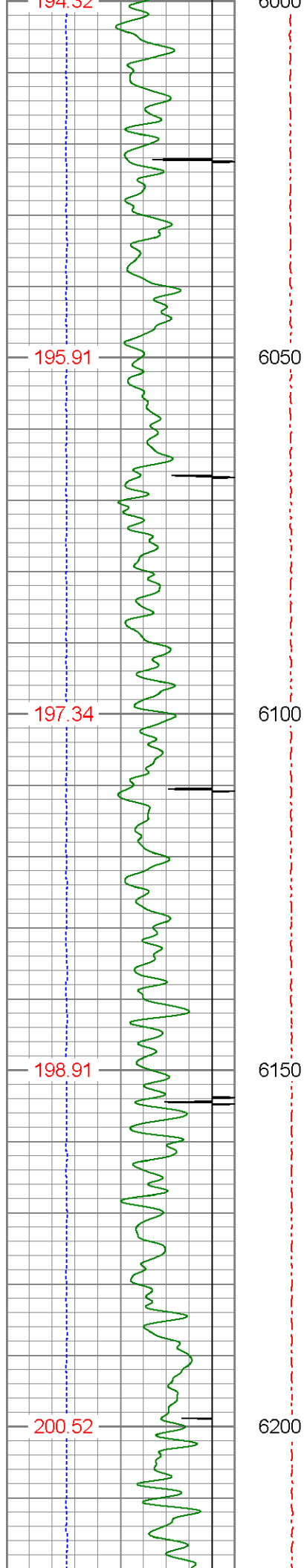


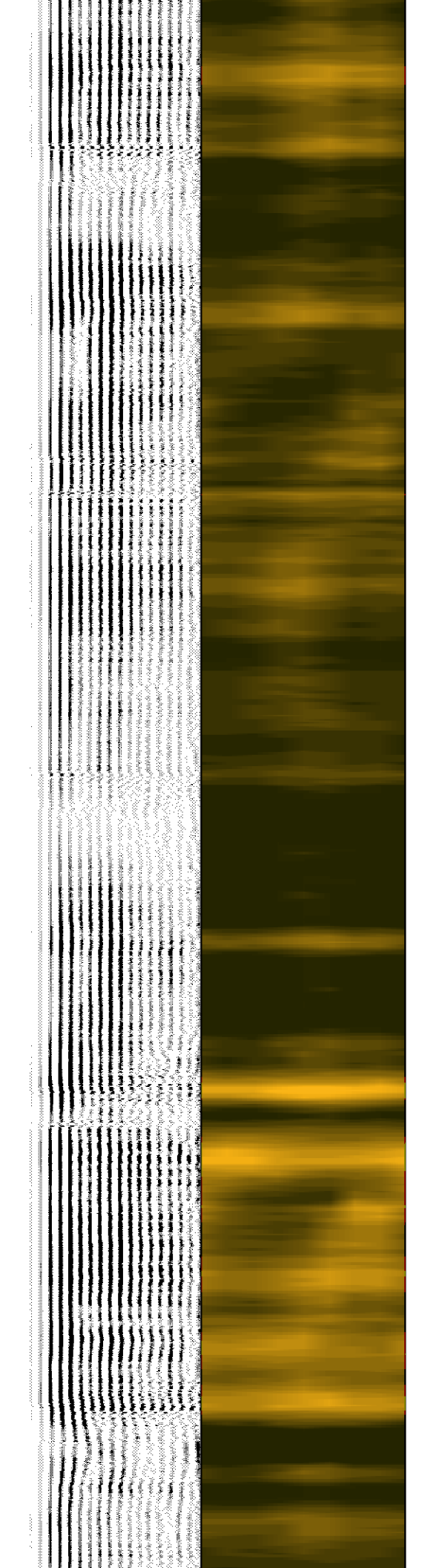
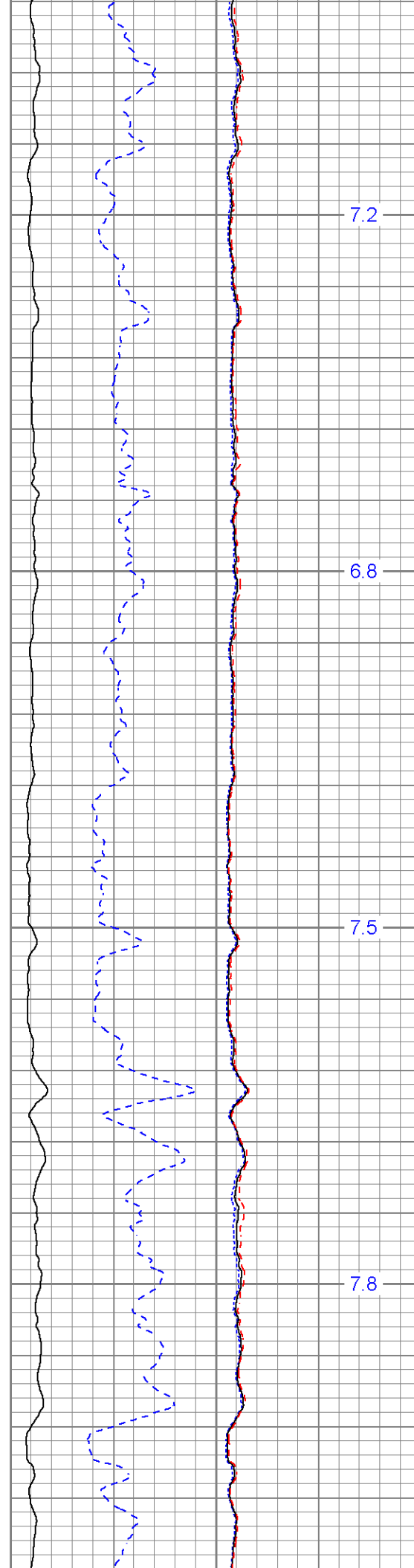
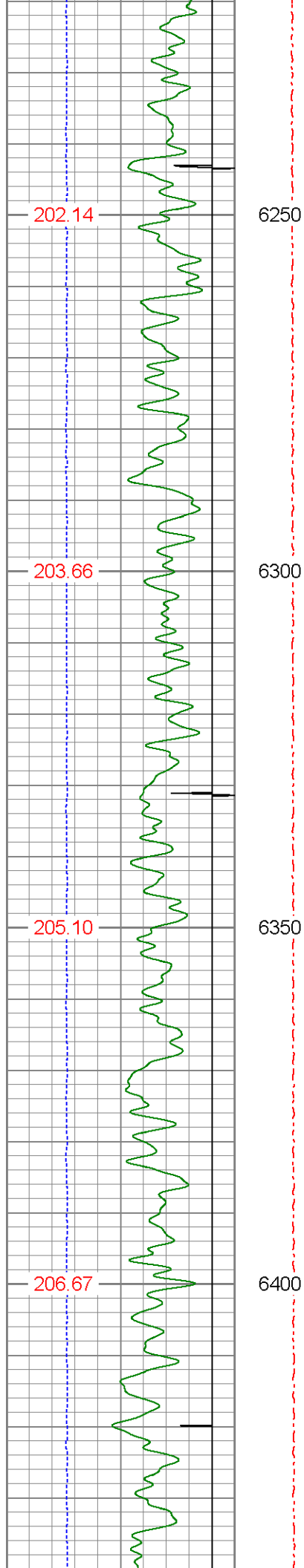




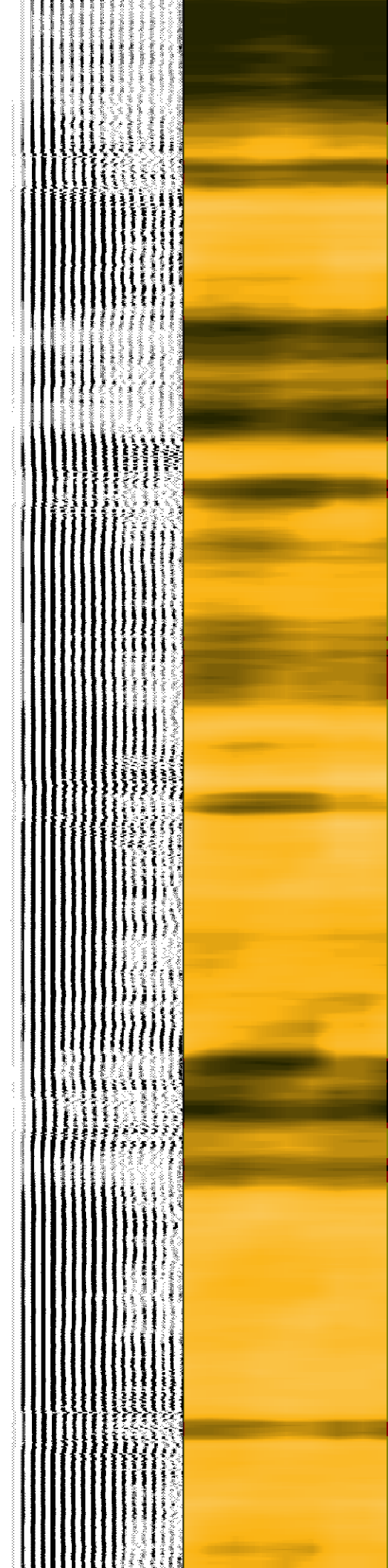
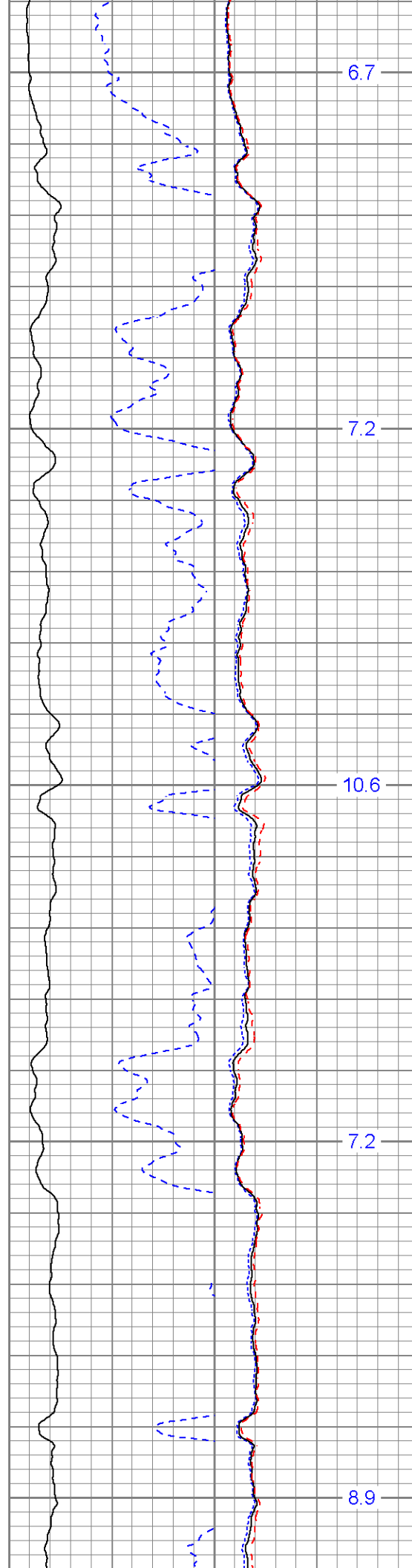
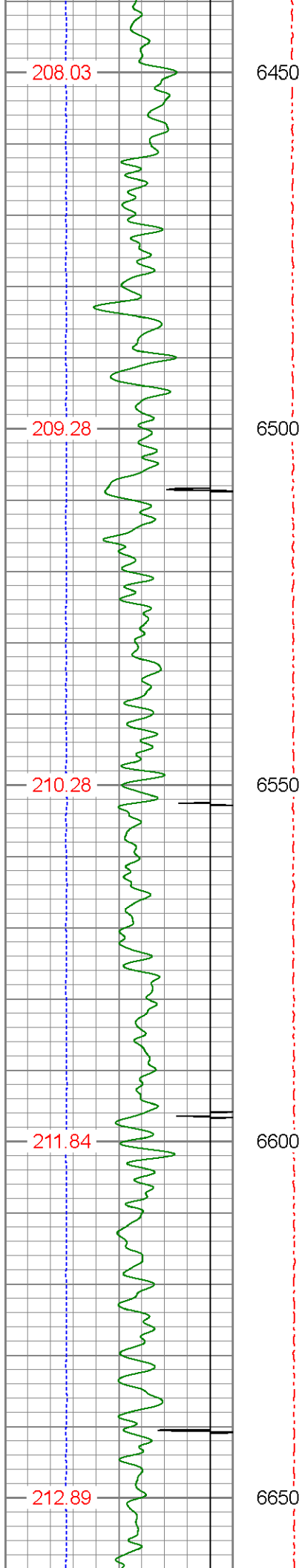


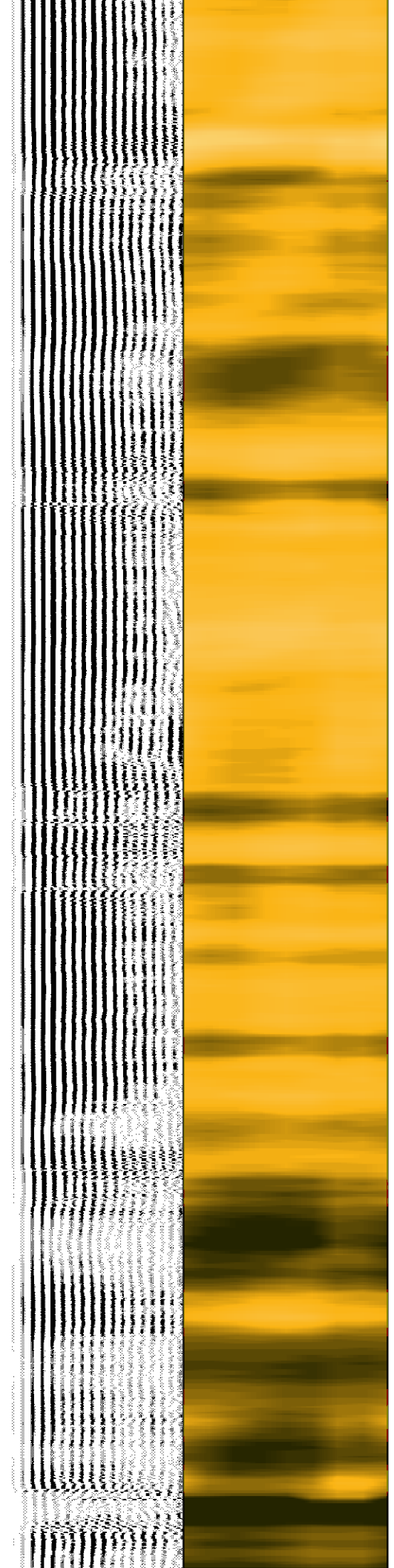
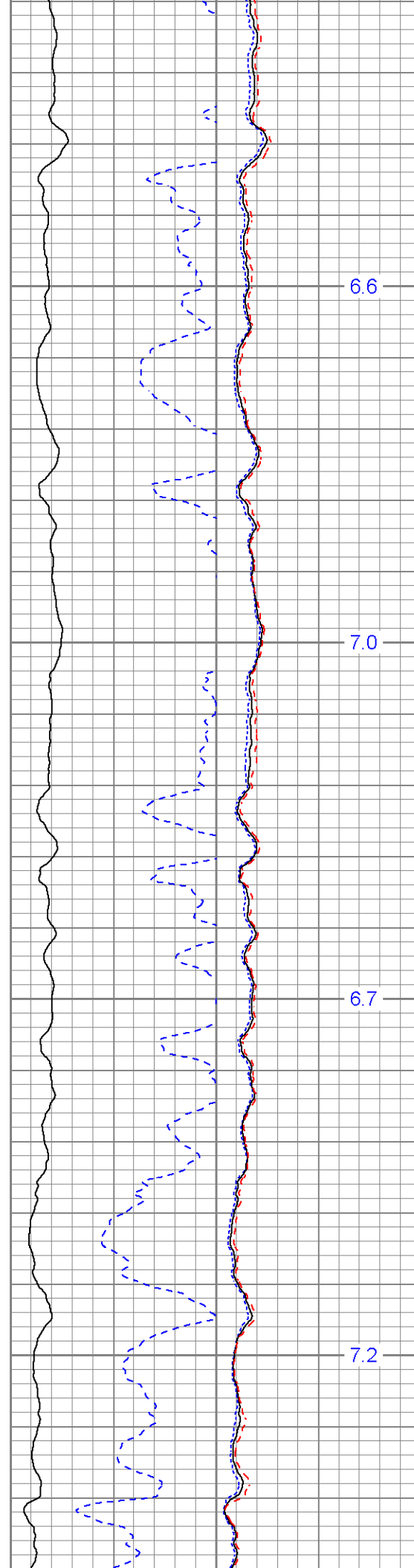
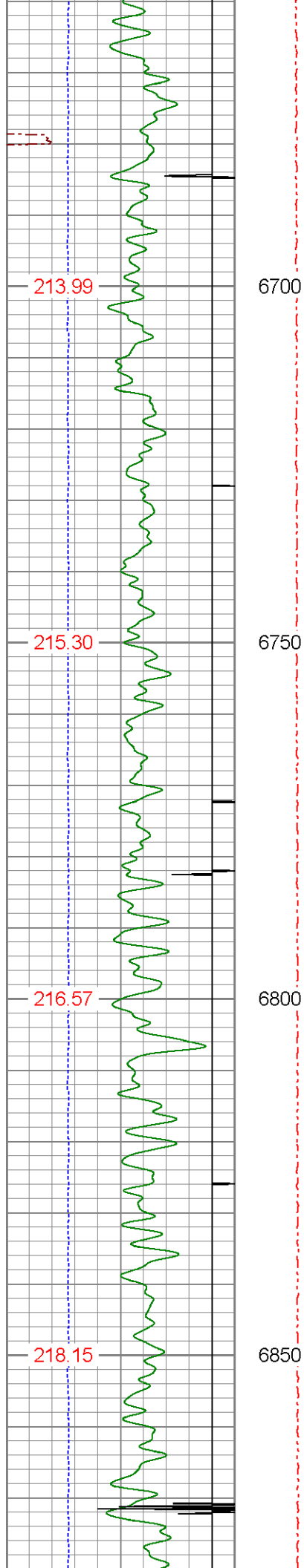


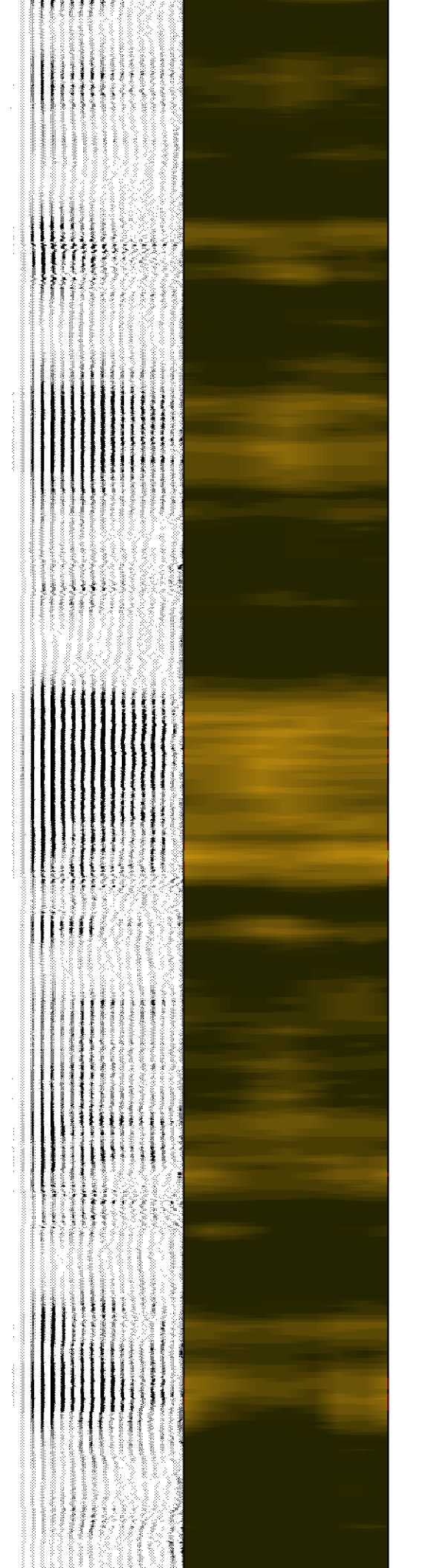
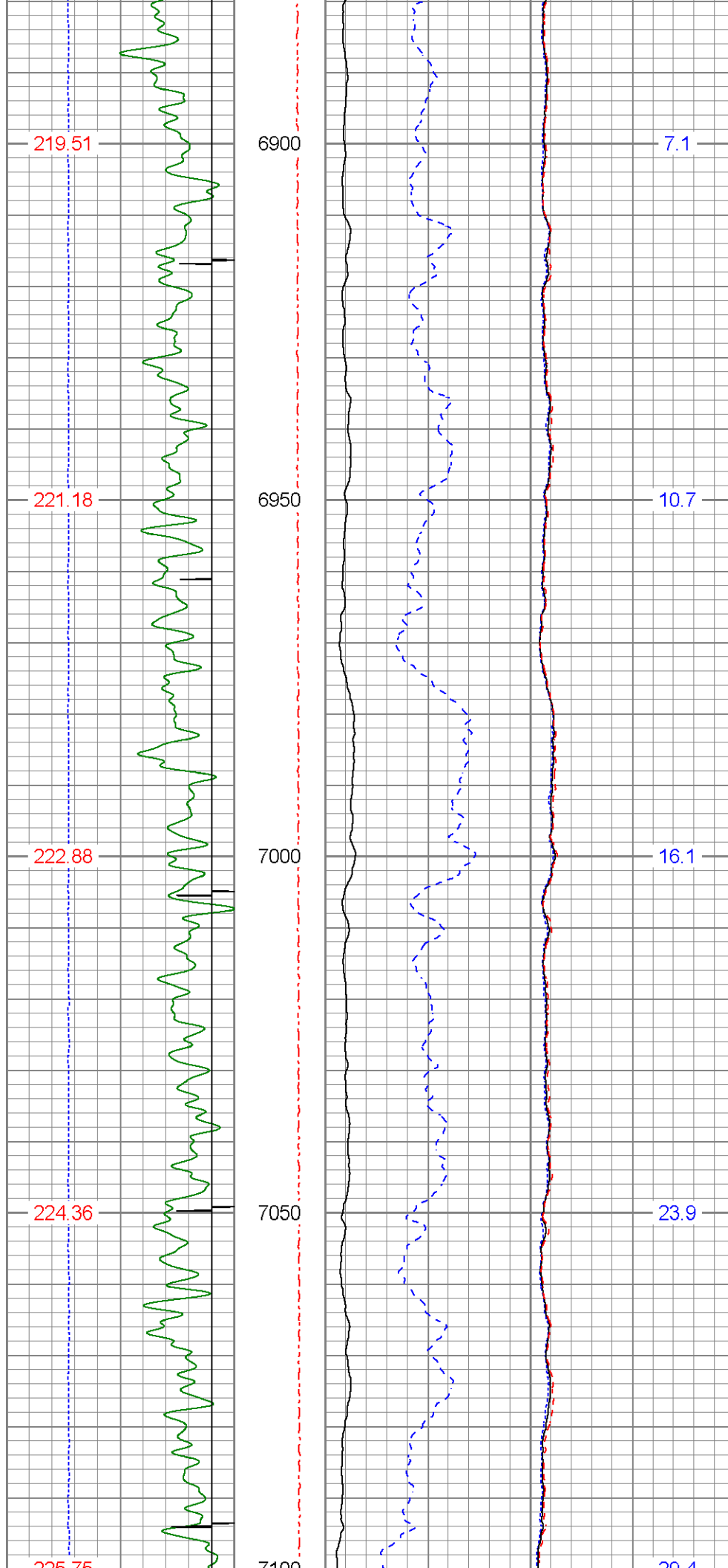


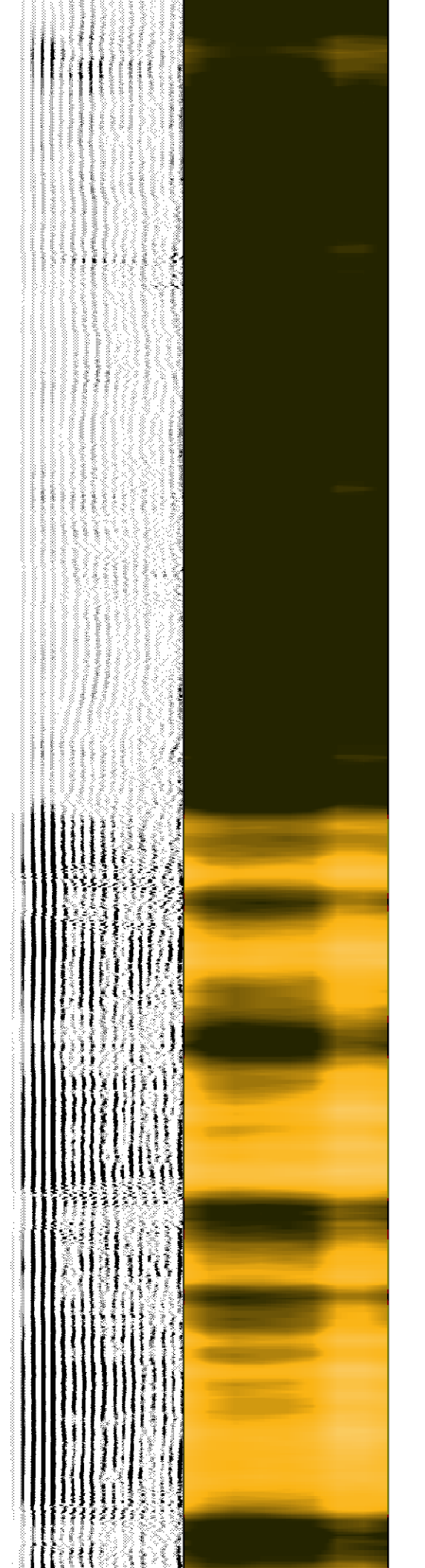
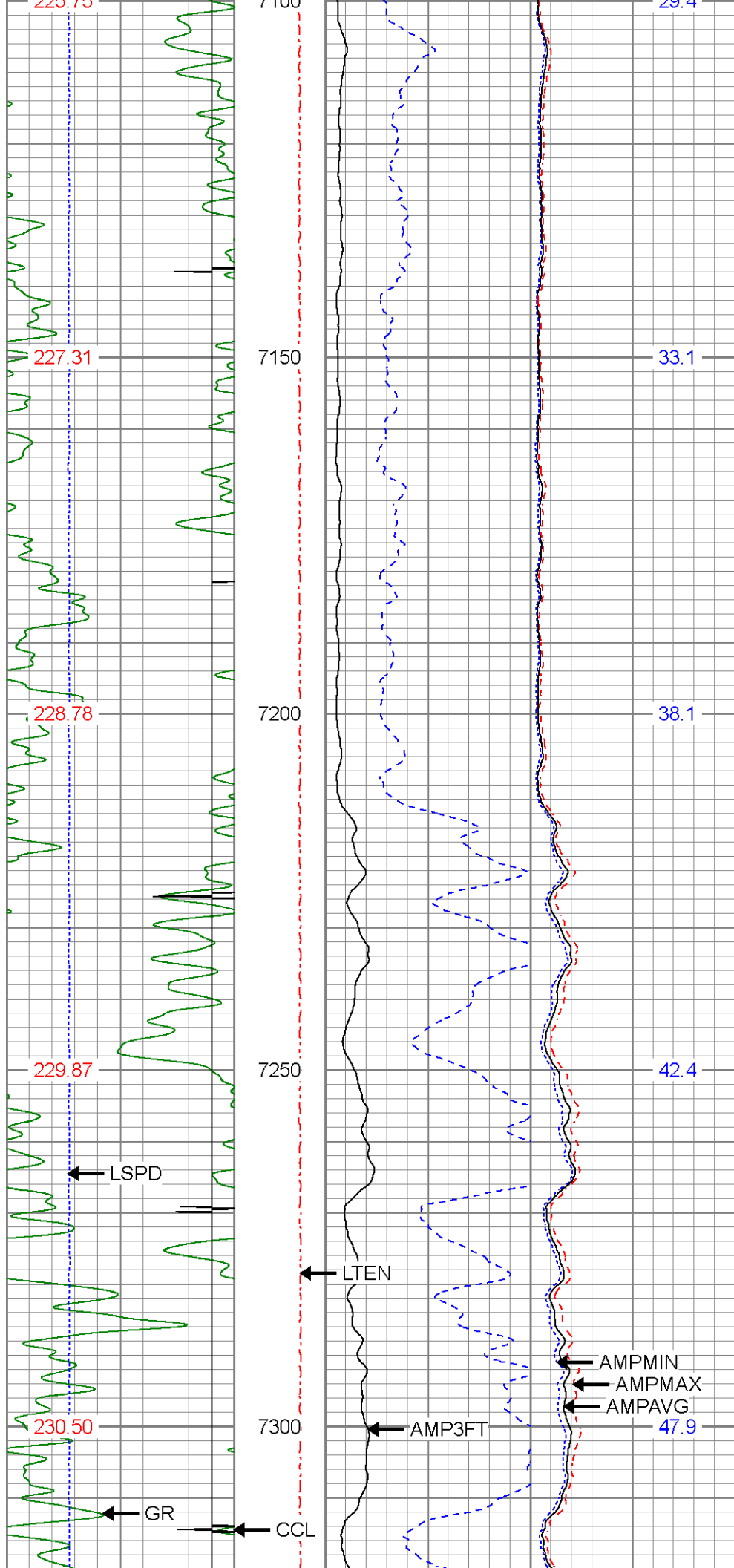




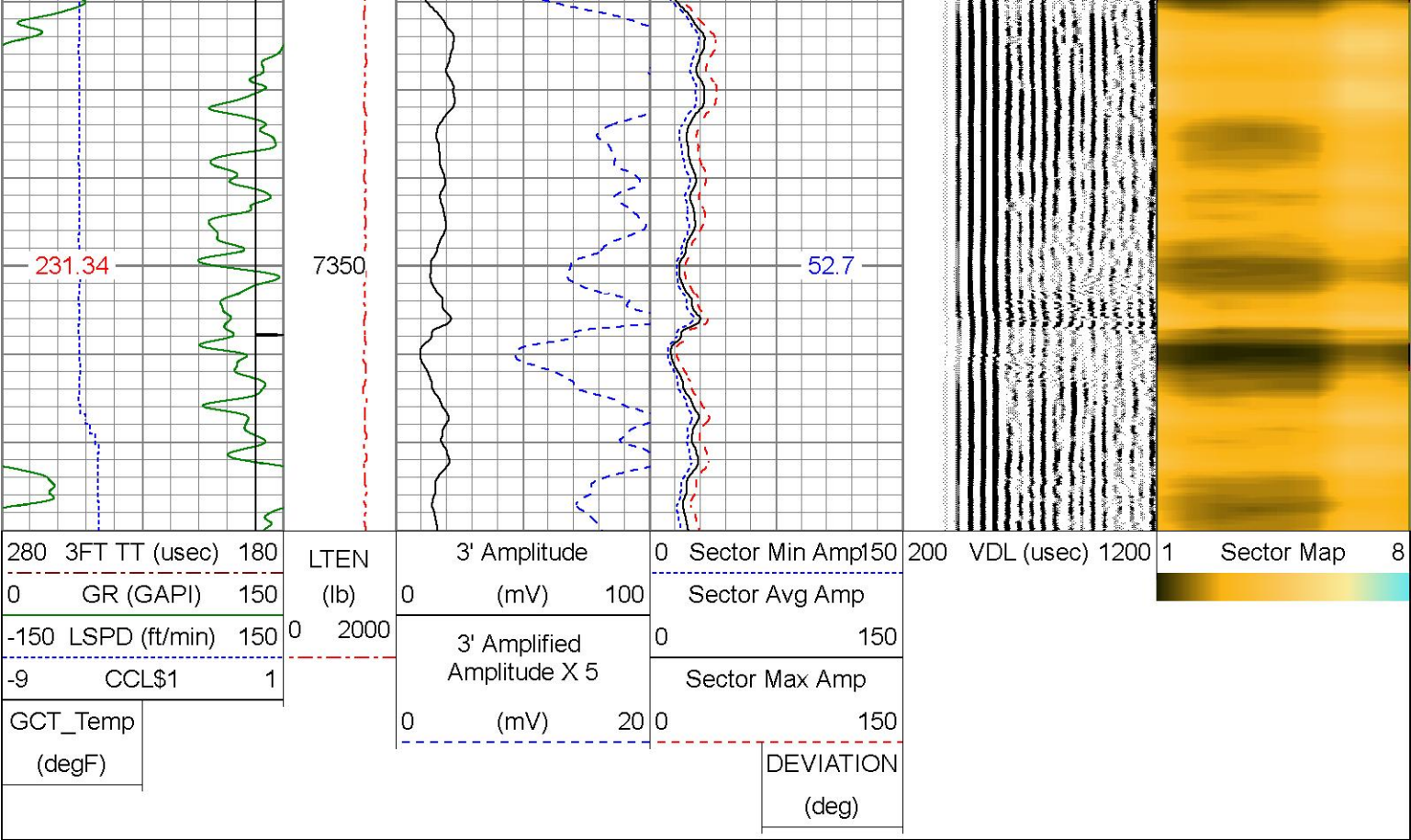








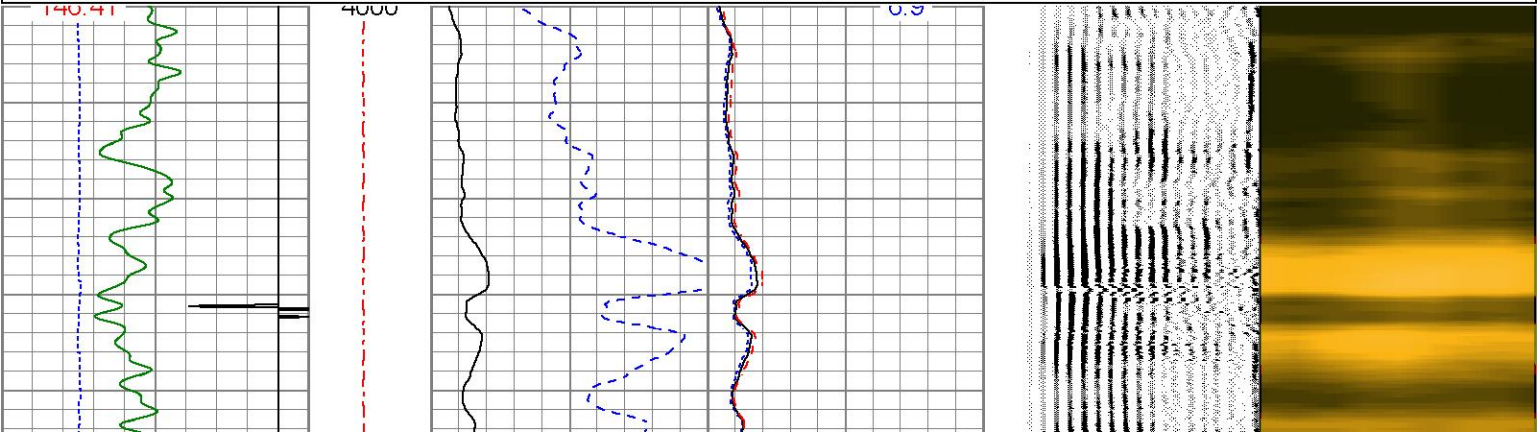
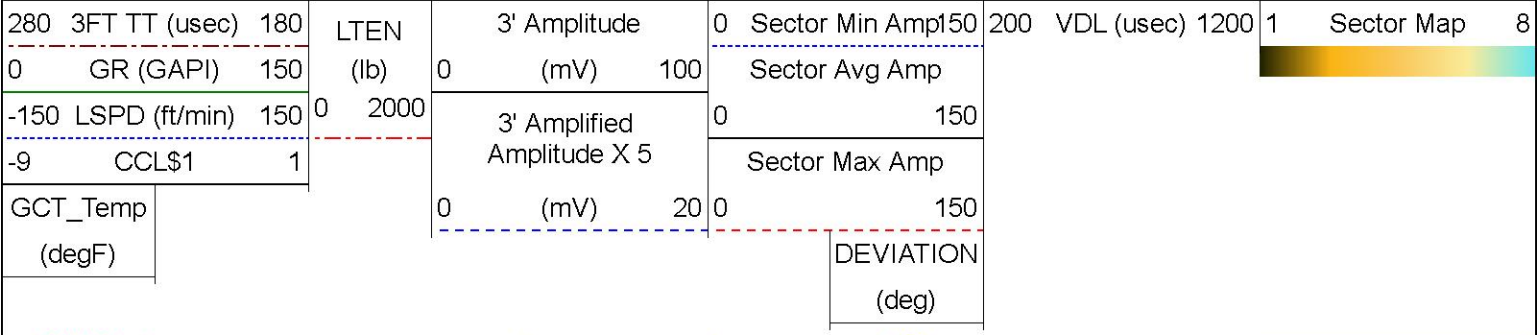


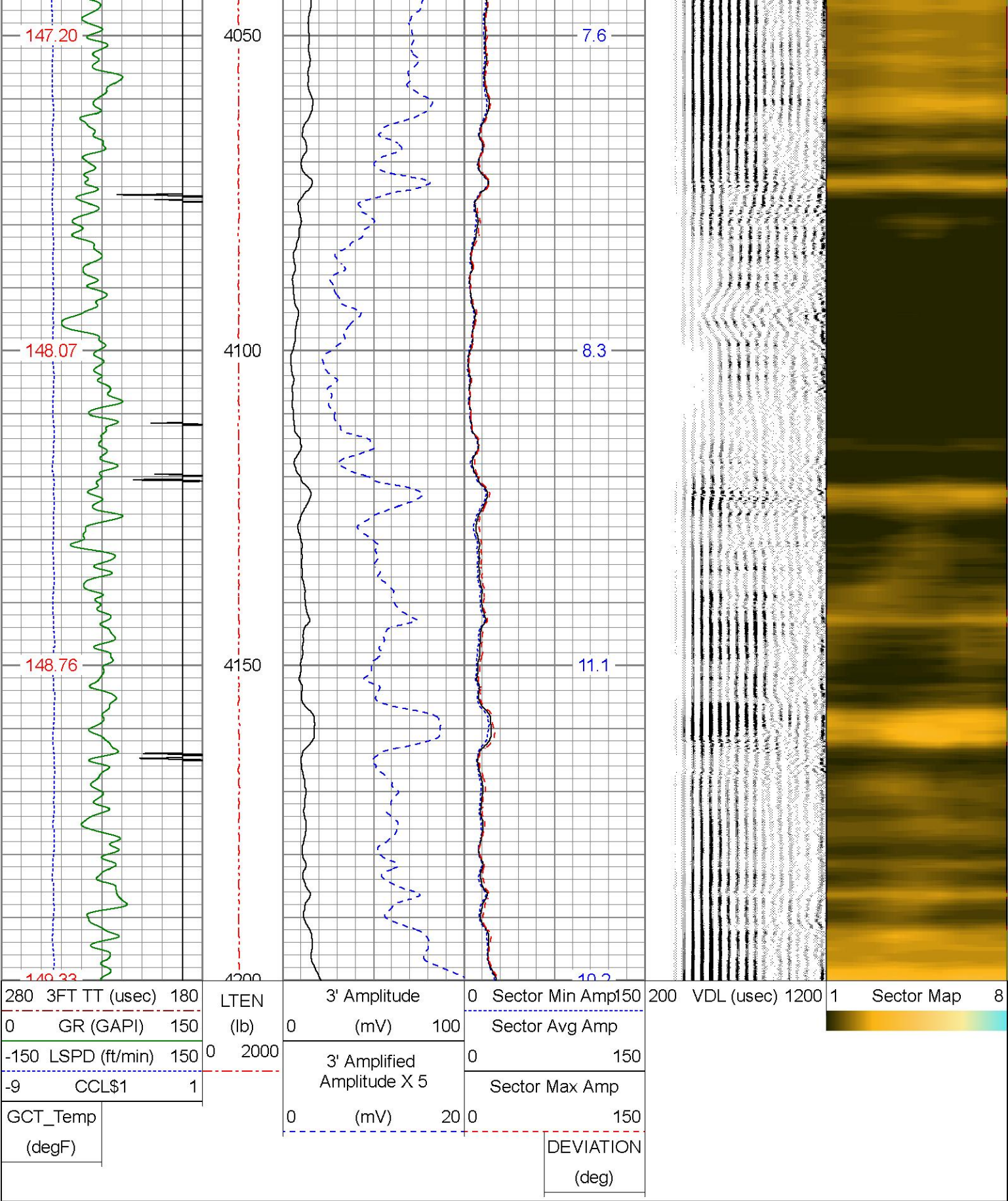


REPEAT PASS

ZERO PSI APPLIED AT SURFACE

Database File I05-668903\_bayswater\_onyx federal 1\_0512352197\_20240508\_scbl-gr-ccl.db  
Dataset Pathname pass2  
Presentation Format res\_scbl 8sec-gr-ccl  
Dataset Creation Wed May 08 12:56:50 2024  
Charted by Depth in Feet scaled 1:240





Calibration Report

Database File I05-668903\_bayswater\_onyx federal 1\_0512352197\_20240508\_scbl-gr-ccl.db  
Dataset Pathname pass4  
Dataset Creation Wed May 08 13:08:46 2024

Serial Number:	GCT275-0BP0_base	
Tool Model:	GCT275-0BP0	
Performed:	Wed Apr 24 14:34:11 2024	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Inclinometer Calibration Report
---------------------------------

Performed:	Mon Jan 9 07:52:31 2023				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-956.00	943.00	-1.00	1.00	gee
Y Accelerometer	-965.00	910.00	-1.00	1.00	gee
Z Accelerometer	19.11	-882.49	0.00	1.00	gee

Segmented Cement Bond Log Calibration Report
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Serial Number:	RBT275C_Base	
Tool Model:	RADII-275C	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	30.958	ft

Master Calibration, performed Wed May 8 06:38:39 2024:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.000	0.793	2.200	71.921	87.943	2.200
CAL	0.000	0.788				
5'	0.000	0.719	2.200	71.921	96.977	2.200
SUM						
S1	0.000	0.793	0.000	100.000	126.132	0.000
S2	0.000	0.798	0.000	100.000	125.275	0.000
S3	0.000	0.795	0.000	100.000	125.770	0.000
S4	0.000	0.780	0.000	100.000	128.236	0.000
S5	0.000	0.787	0.000	100.000	127.130	0.000
S6	0.000	0.786	0.000	100.000	127.278	0.000
S7	0.000	0.799	0.000	100.000	125.199	0.000
S8	0.000	0.804	0.000	100.000	124.328	0.000

Internal Reference Calibration, performed (Not Performed):						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.000	0.788	1.000	0.000

Air Zero Calibration, performed Wed May 8 06:37:19 2024:						
	Raw (v)		Calibrated (v)		Results	



	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Inclinometer Calibration Report					
Performed:	Mon Jan 9 07:52:41 2023				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	-918.00	908.00	-1.00	1.00	gee
Y Accelerometer	-941.00	887.00	-1.00	1.00	gee
Z Accelerometer	1.35	894.18	0.00	1.00	gee

	Company	<b>BAYSWATER EXPLOR. &amp; PROD.</b>
	Well	<b>ONYX FEDERAL 1</b>
	Field	<b>WATTENBERG</b>
	County	<b>WELD</b>
	State	<b>COLORADO</b>