



**RADIAL BOND LOG
WITH GAMMA RAY**

RECEIVED
jthum , 3/4/2022, 4:01:26 PM

Comp. SNAKE RIVER OIL & GAS
Well DUTCH LANE #1-13
Field WILDCAT
Co. PAYETTE
State IDAHO

Company **SNAKE RIVER OIL & GAS**
Well **DUTCH LANE #1-13**
Field **WILDCAT**
County **PAYETTE** State **IDAHO**

Location: API #: 11-075-20038 Other Services
SEC 13 TWP 08N RGE 05W
Permanent Datum G.L. Elevation 2166'
Log Measured From K.B. 12' Above Perm. Datum
Drilling Measured From K.B. G.L. Elevation 2179'

Date of Service	23-FEBRUARY-2022			
Run Number	ONE			
Depth Driller or PBTD	4787'			
Depth Logger	4721'			
Bottom Log Interval	4721'			
Top Log Interval	SURFACE			
Open Hole Size	N/A			
Type Fluid	WELL			
Fluid Level	SURFACE			
Fluid Density	N/A			
Max. Recorded Temperature	173° F			
Max. Wellhead Pressure	ZERO			
Wellhead Connection	OPEN ENDED			
Estimated Cement Top	SEE LOG			
Unit Number	P-57			
Wireline Size	9/32"			
Location	CASPER, WYOMING			
Recorded By	MORRIS GUMMER			
Witnessed By	TOM DOLENCE			
Tubing Record	Size	W/Ft	Top	Bottom
Surface Casing	9-5/8"	36#	SURFACE	1119'
Production Casing	5-1/2"	15.5#	SURFACE	4831'
Liner Record				

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC 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 WEATHERFORD MEASURED DEPTH COMPACT QUAD COMBO DATED: 0

THANK YOU FOR USING PIONEER ENERGY SERVICES!

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: M. GUMMER Operator: C. HOLST Operator: L. CAIN Operator:		

Log Variables

DatabaseC:\ProgramData\Warrior\Data\snake_river_oil_gas_dutch_lane_1-13.db
 Dataset wildcat/dutch_lane_1-13/scbl/pass9/_vars_

Top - Bottom

BHTEMP_Src TEMP	BOREID in 7.875	BOTTEMP degF 100	CASEOD in 5.5	CASETHCK in 0.275	CASEWGHT lb/ft 15.5	MAXAMPL mV 71.9	MINAMPL mV 1
MINATTN db/ft 0.08	PERFS No	PPT usec 264	SRFTEMP degF 0	TDEPTH ft 0			

Variable Description


BHTEMP_Src : BHTEMP Input Source Selector
 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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)	
			Cable Head-Titan_144 1 7/16" Titan Cable Head	1.03	1.44	2.00	
			Centralizer-275 TekCo 2 3/4" TekCo Centralizer	2.17	2.75	20.00	
WVFS8	11.44			PROBE-RBT-DIGITAL-RBL-DC (1401-05) Probe 2 3/4" Radii Bond-Corrosion Package	8.75	2.75	100.00
WVFS7	11.44						
WVFS6	11.44						
WVFS5	11.44						
WVFS4	11.44						
WVFS3	11.44						
WVFS2	11.44						
WVFS1	11.44						
WVFCAL	11.44						
WVF3FT	11.44						
WVF5FT	10.44						
HEADVOLT	7.25						
			Centralizer-275 TekCo 2 3/4" TekCo Centralizer	2.17	2.75	20.00	

				2 3/4" TekCo Centralizer			
CCL	4.21						
GCT_TEMP	3.42						
GR	2.83						
				PROBE-GR/CCL-DIGITAL-275 Probe GCT (140209) Probe 2 3/4" Gamma Ray/Temp/CCL	4.75	2.75	60.00
				Bullnose-PROBE Probe Go Pin Pressure Cap	0.33	1.38	1.00


Dataset: snake_river_oil_gas_dutch_lane_1-13.db: wildcat/dutch_lane_1-13/scbl/pass9
 Total length: 19.20 ft
 Total weight: 203.00 lb
 O.D.: 2.75 in

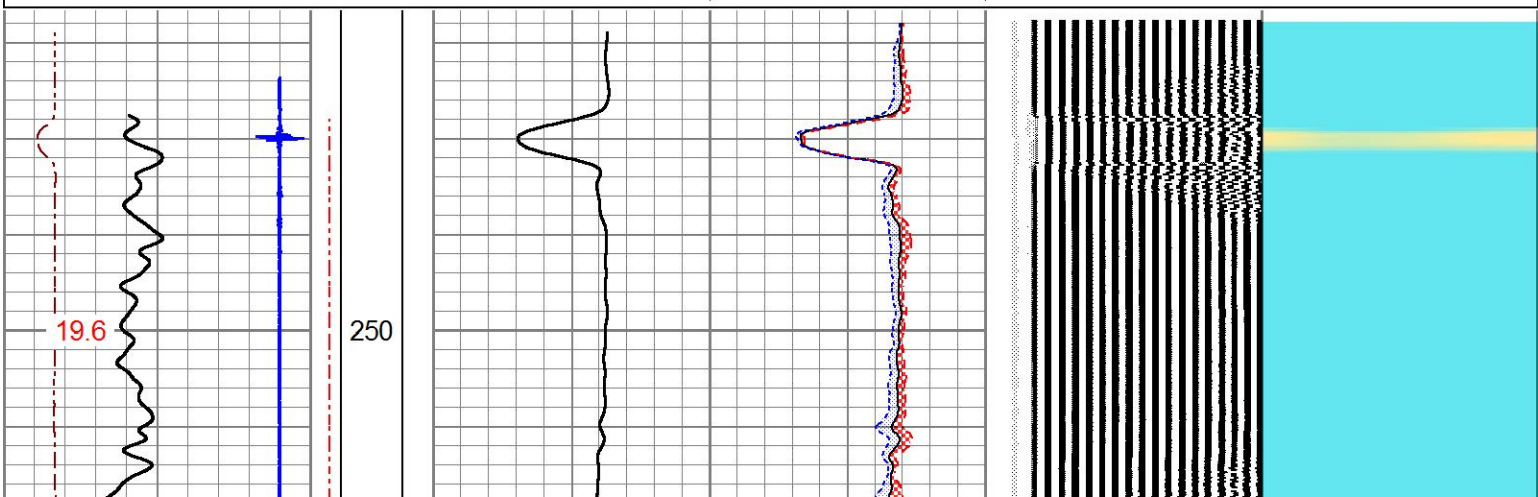


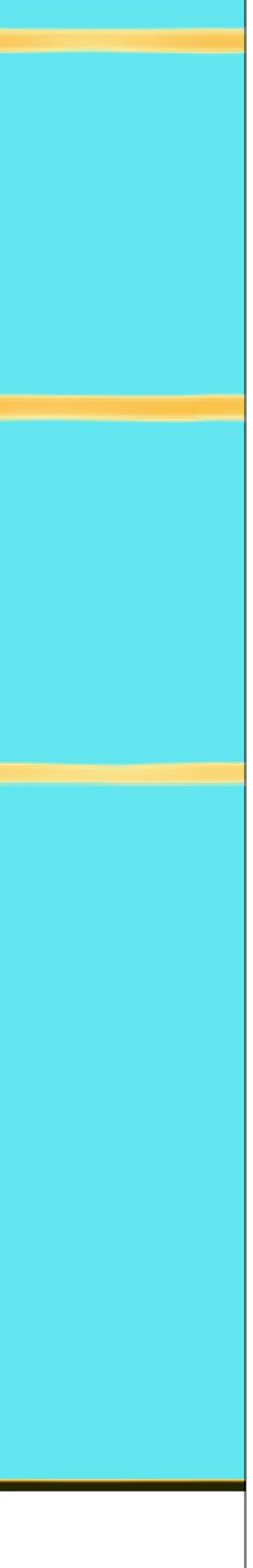
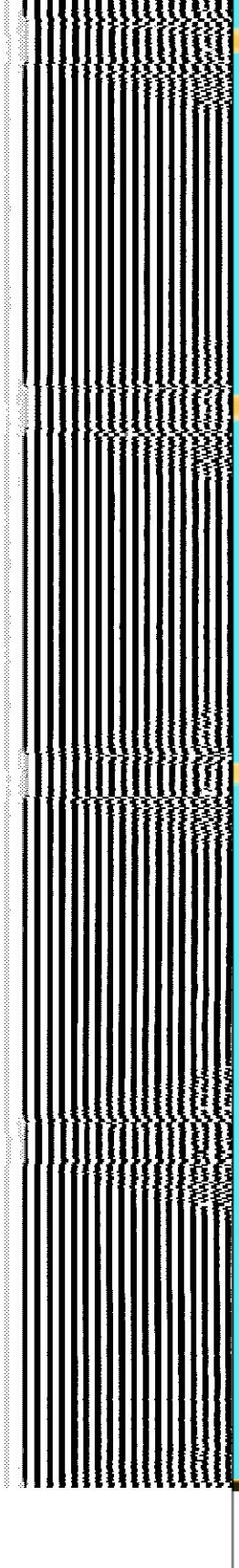
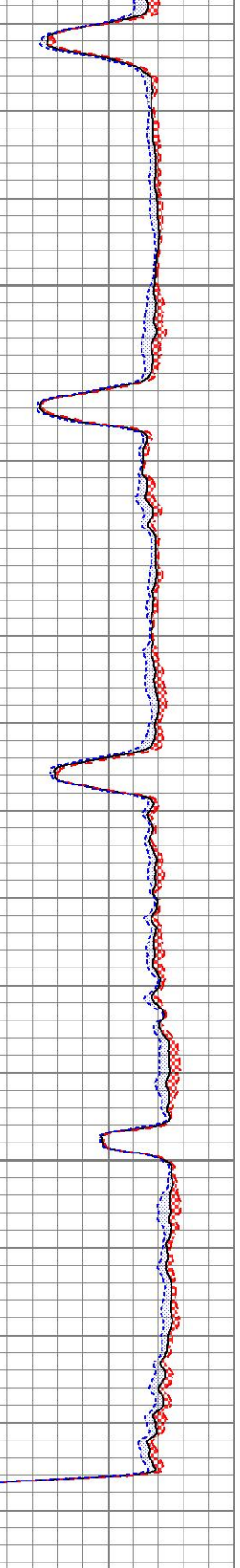
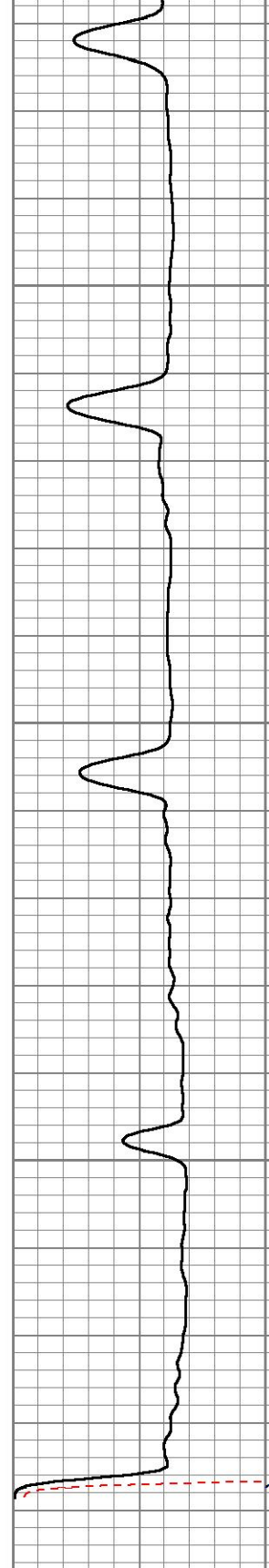
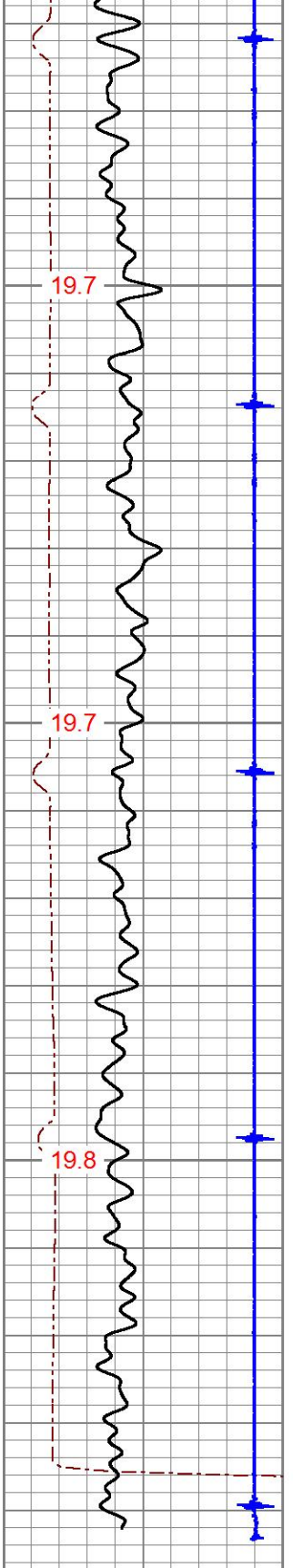
FREE PIPE SECTION

0 PSI APPLIED AT SURFACE

Database File: snake_river_oil_gas_dutch_lane_1-13.db
 Dataset Pathname: wildcat/dutch_lane_1-13/scbl/pass6
 Presentation Format: pinr_scbl
 Dataset Creation: Wed Feb 23 14:13:03 2022
 Charted by: Depth in Feet scaled 1:240

3Ft Travel Time	lineTension	3' Amplitude	Sector	200	VDL (usec) 1200	1	Sector Map	8
274 (usec) 174	(lb) 0 2000	0 (mV) 100	Amplitude Average					
-9 Collar Locator 1		3' Amplified Amplitude X 5	0 150					
Gamma Ray		0 (mV) 20	Sector Amplitude Maximum					
0 (GAPI) 150			0 150					
GCT_TEMP			Sector Amplitude Minimum					
(degF)			0 150					





3Ft Travel Time		lineTension (lb)	3' Amplitude		Sector Amplitude Average
274	(usec) 174		0	100	
Collar Locator		0 2000	3' Amplified Amplitude X 5		Sector Amplitude Maximum
-9	1		0	20	
Gamma Ray		0 2000	Sector Amplitude Minimum		Sector Map
0	(GAPI) 150		0	150	
GCT_TEMP					
(degF)					

0	2000
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0	100
0	20

0	150
0	150

200	VDL (usec)	1200
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1	Sector Map	8
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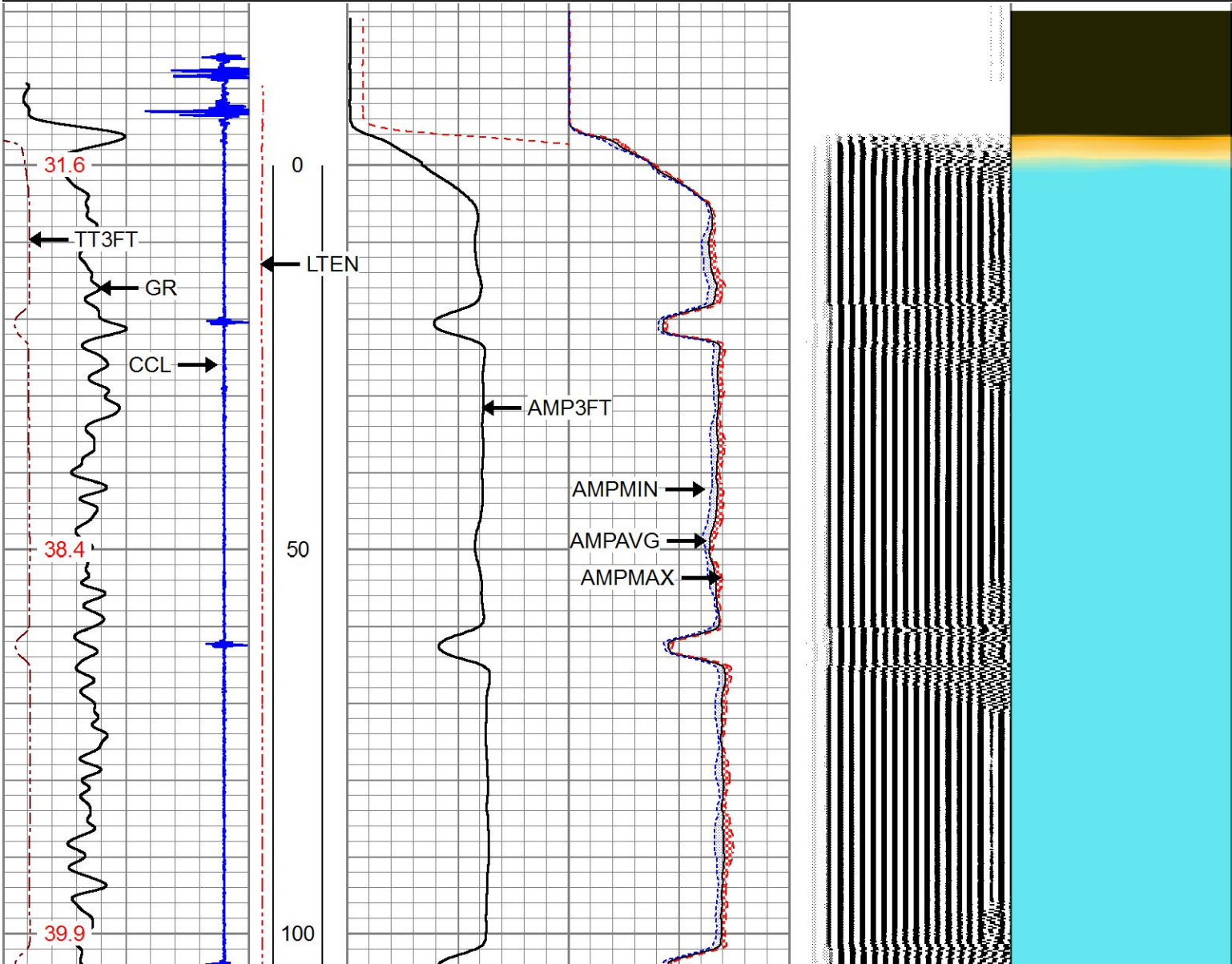


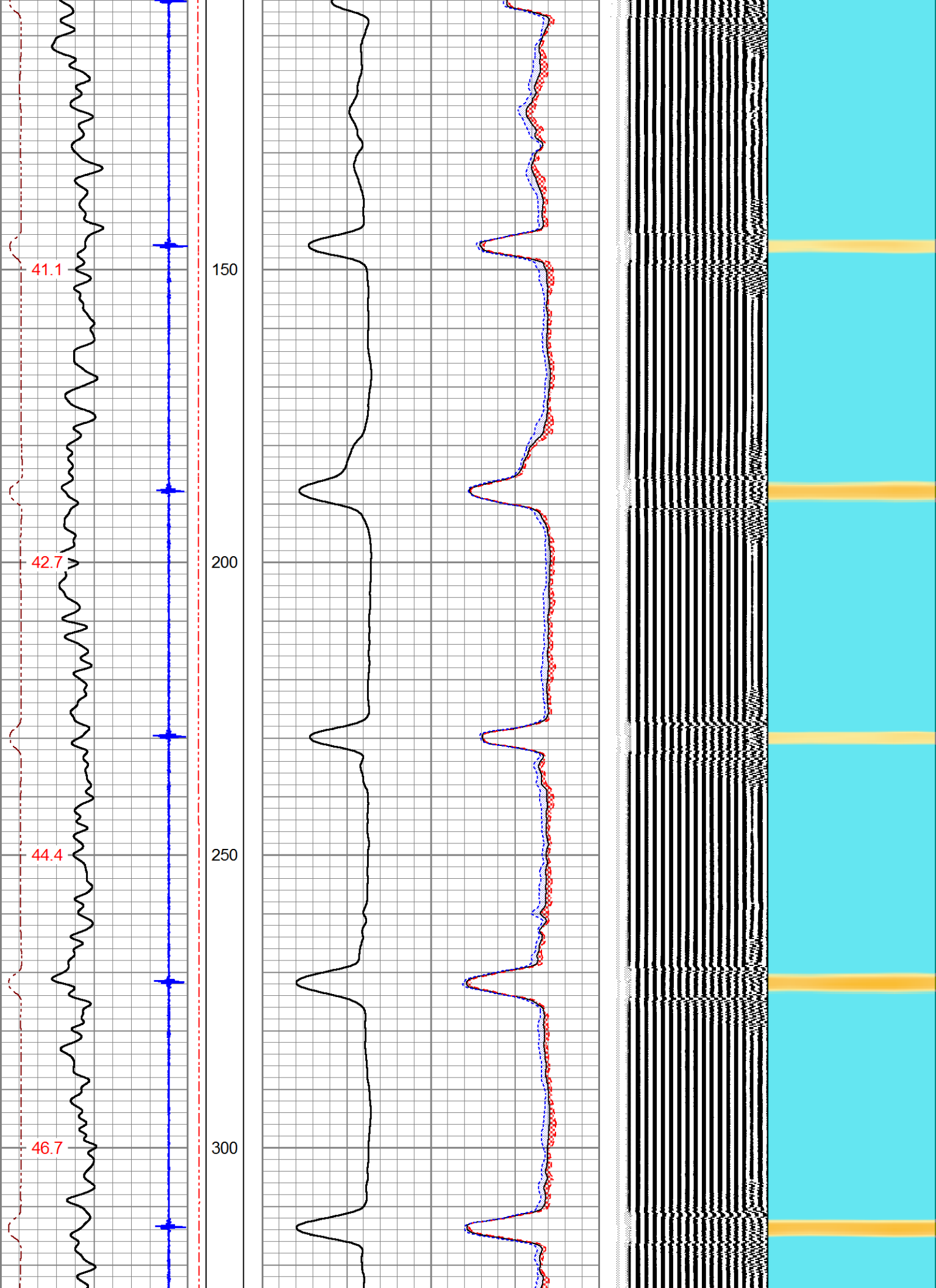
MAIN LOG

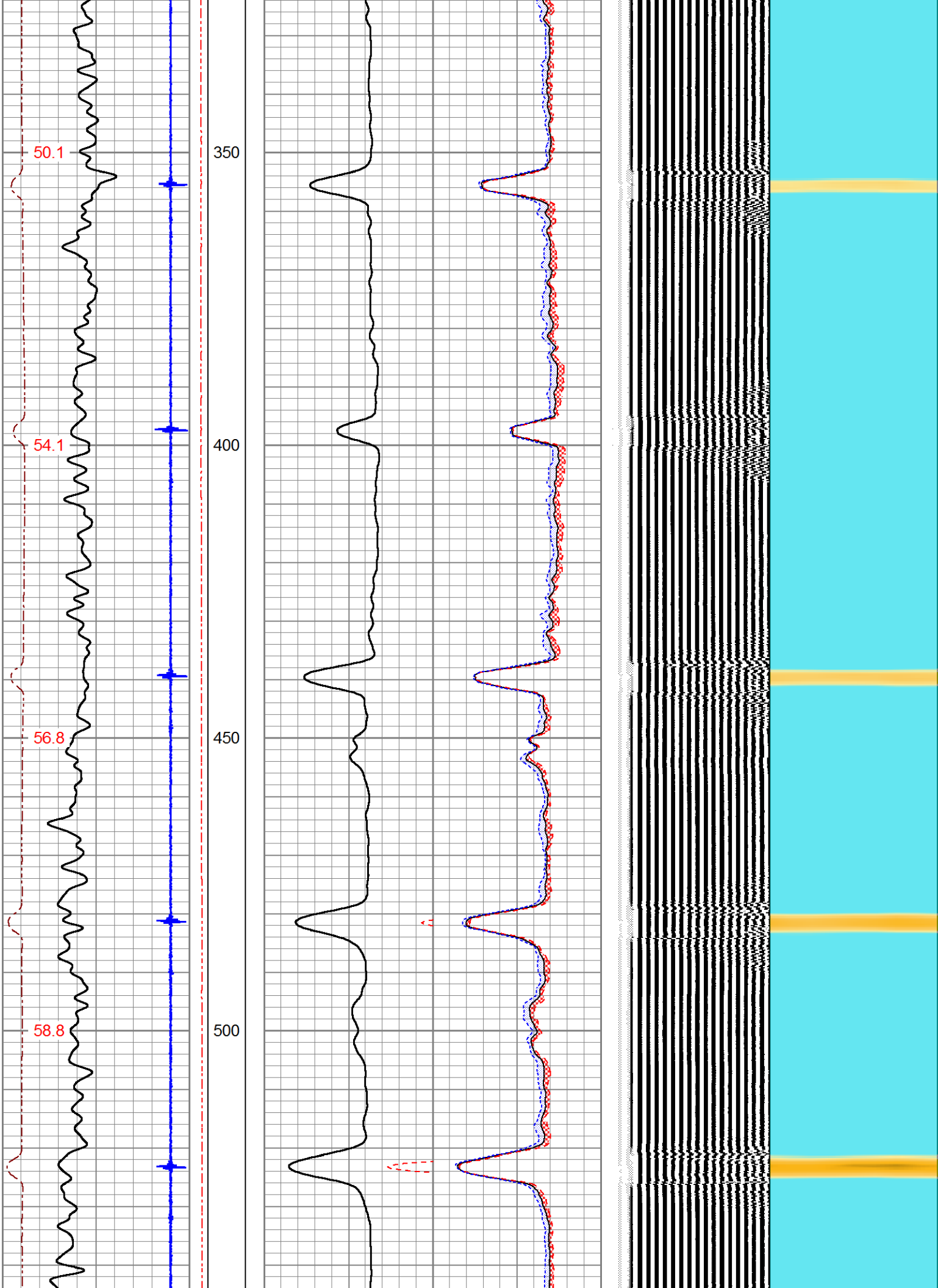
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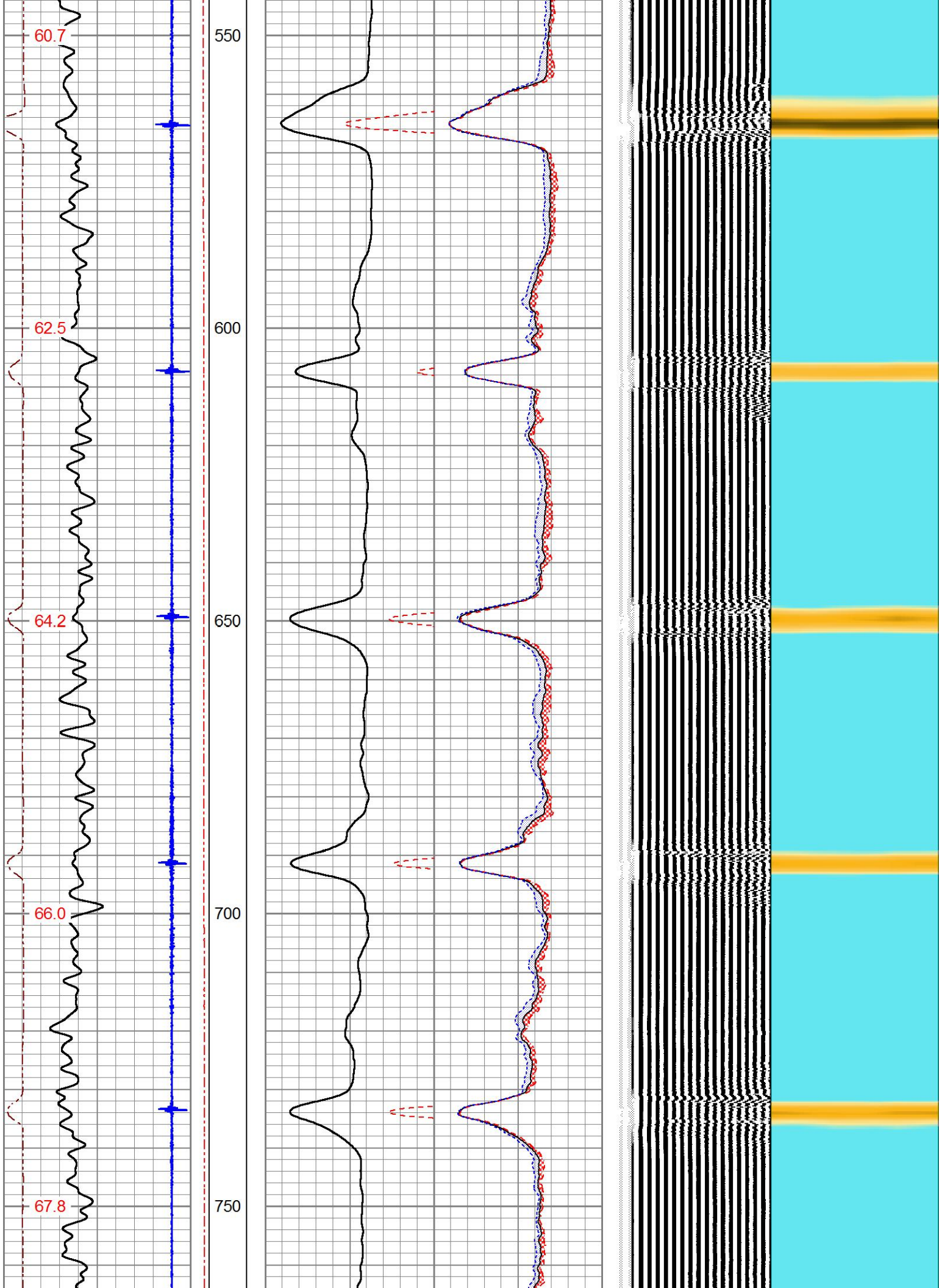
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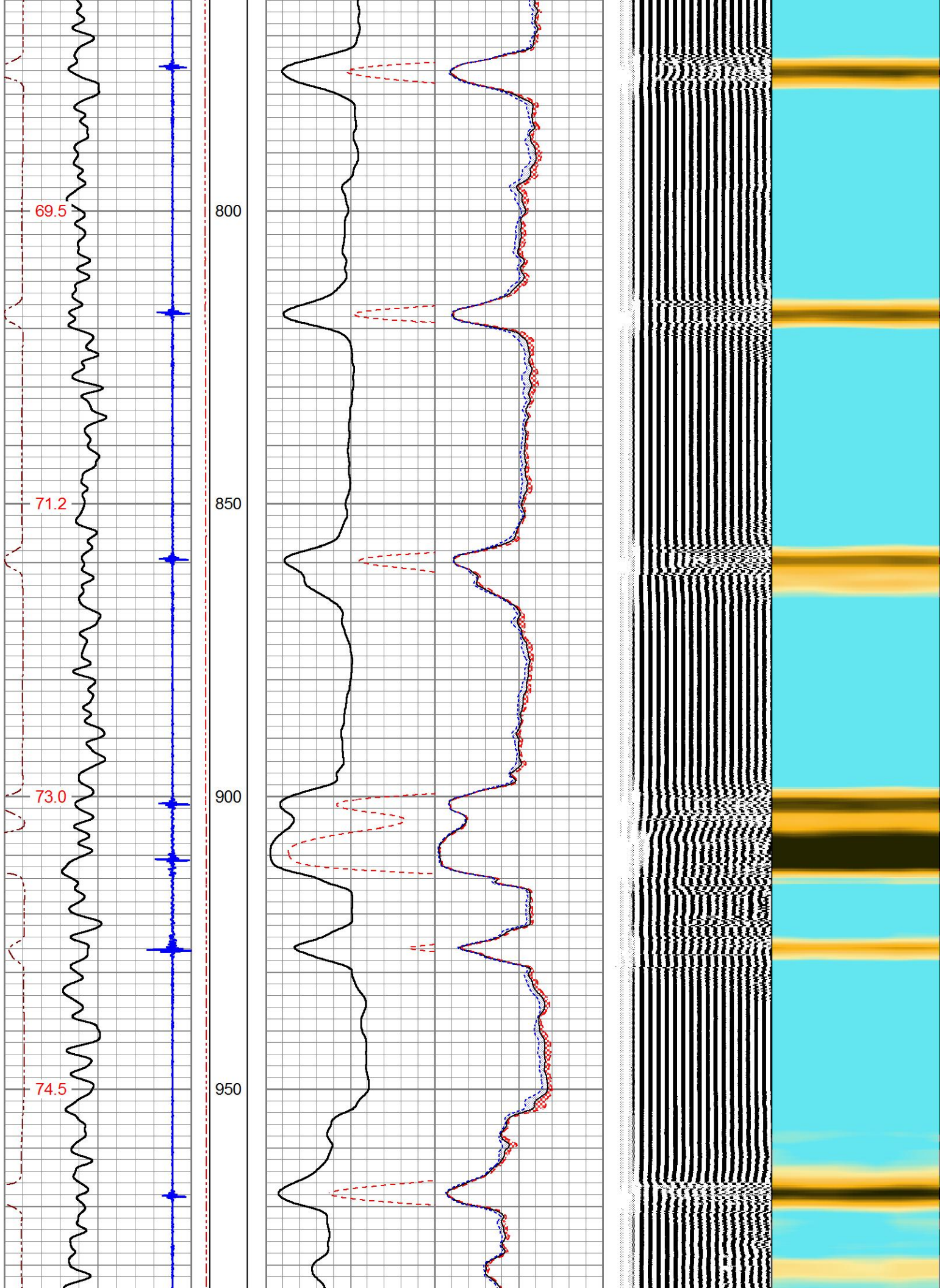
3Ft Travel Time 270 (usec) 170	lineTensor (lb) 0 2000	3' Amplitude (mV) 0 100	Sector Amplitude Average	200 VDL (usec) 1200	1 Sector Map 8
-9 Collar Locator 1		3' Amplified Amplitude X 5 (mV) 0 20	Sector Amplitude Maximum		
Gamma Ray 0 (GAPI) 150			Sector Amplitude Minimum		
GCT_TEMP (degF)					

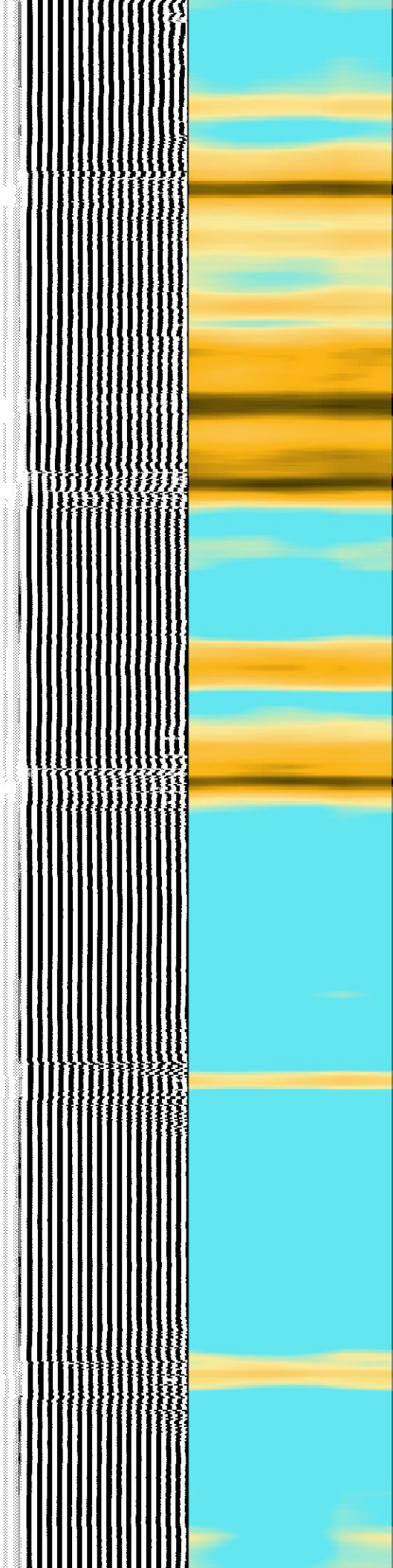
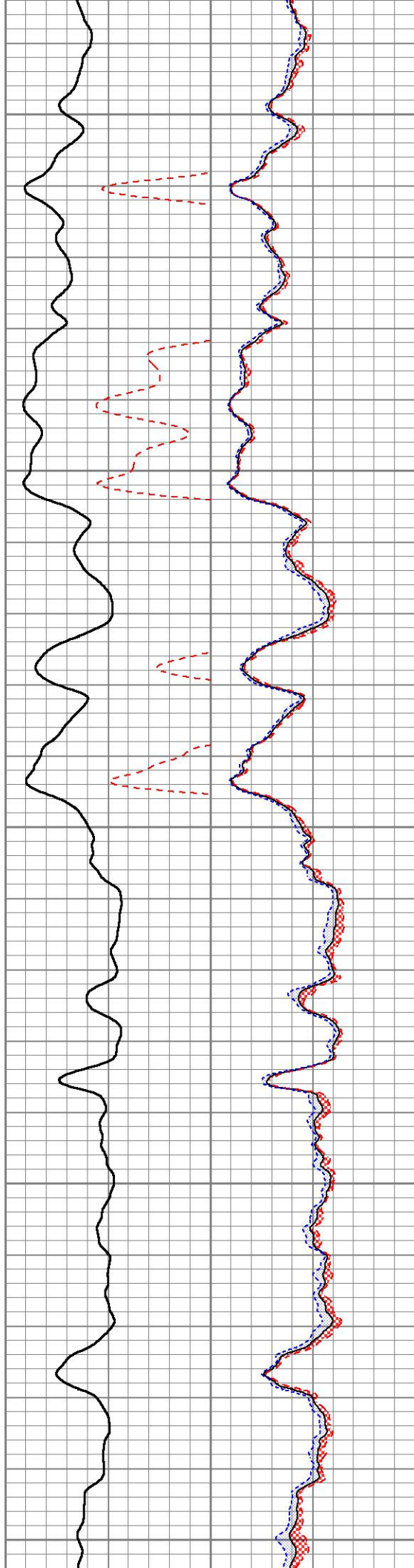
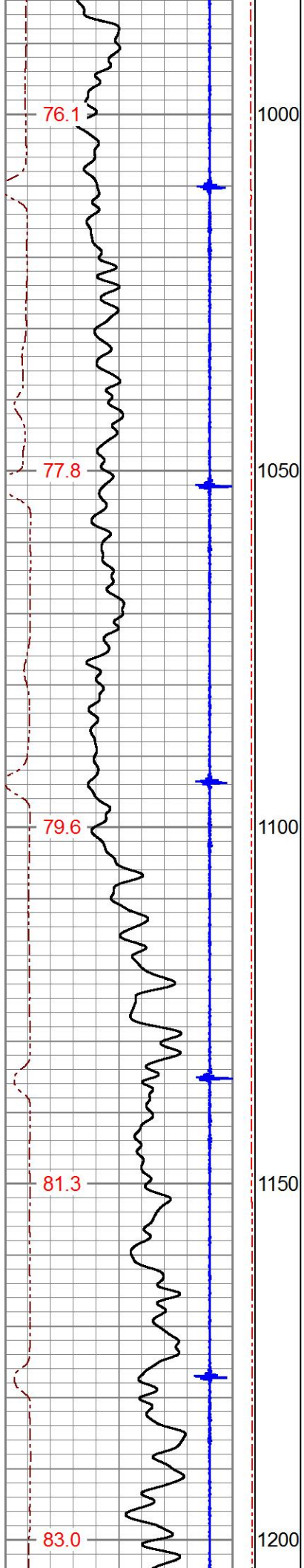


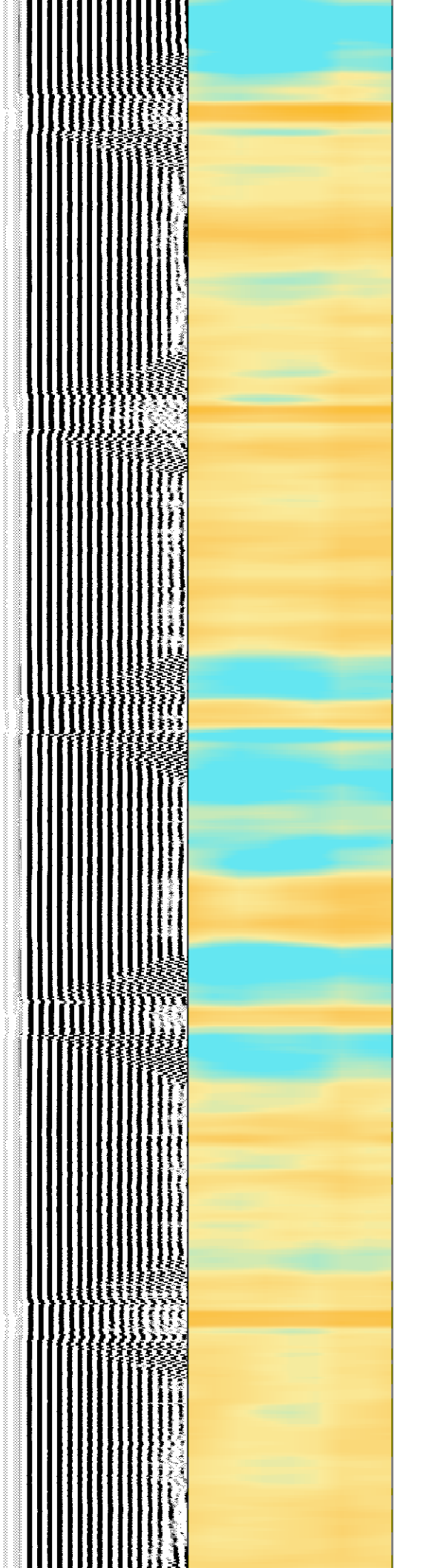
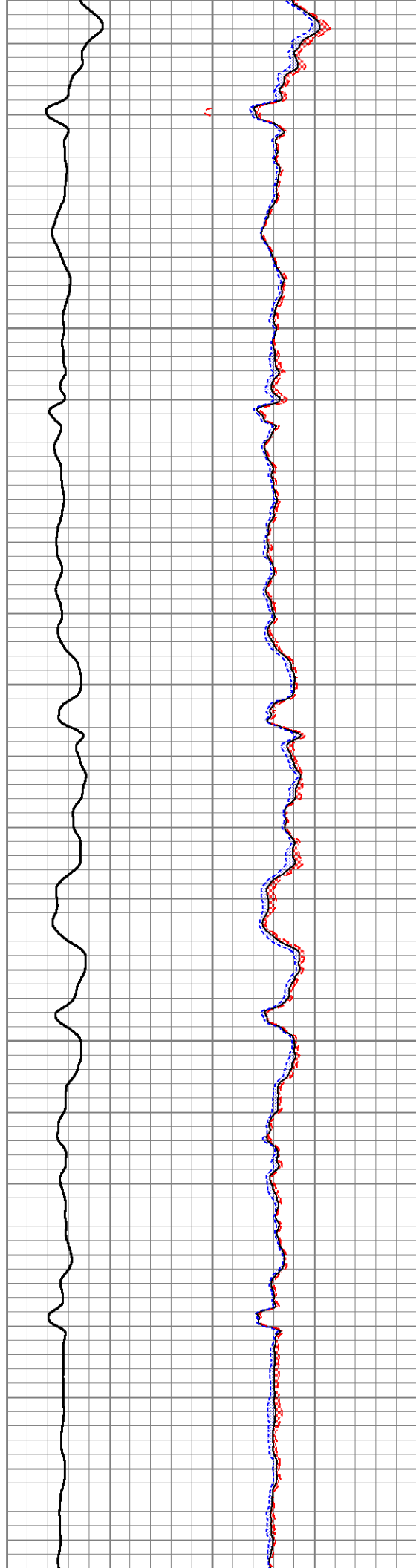
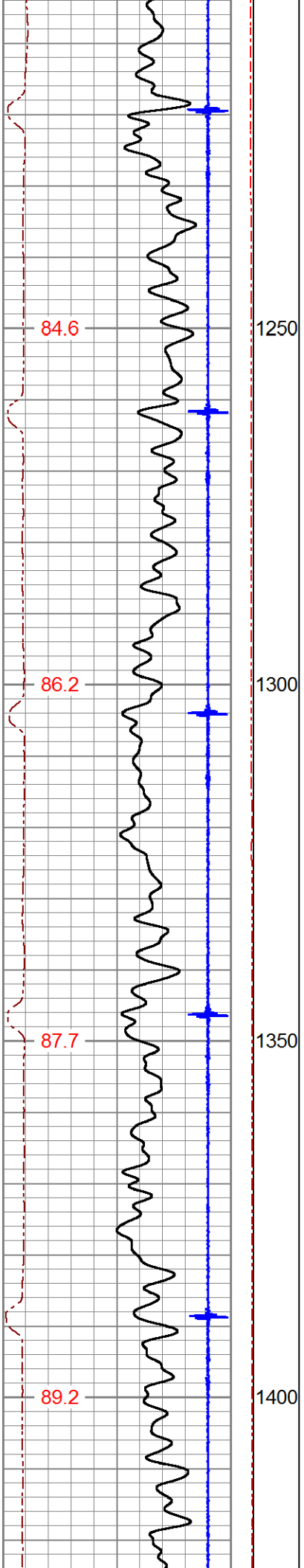


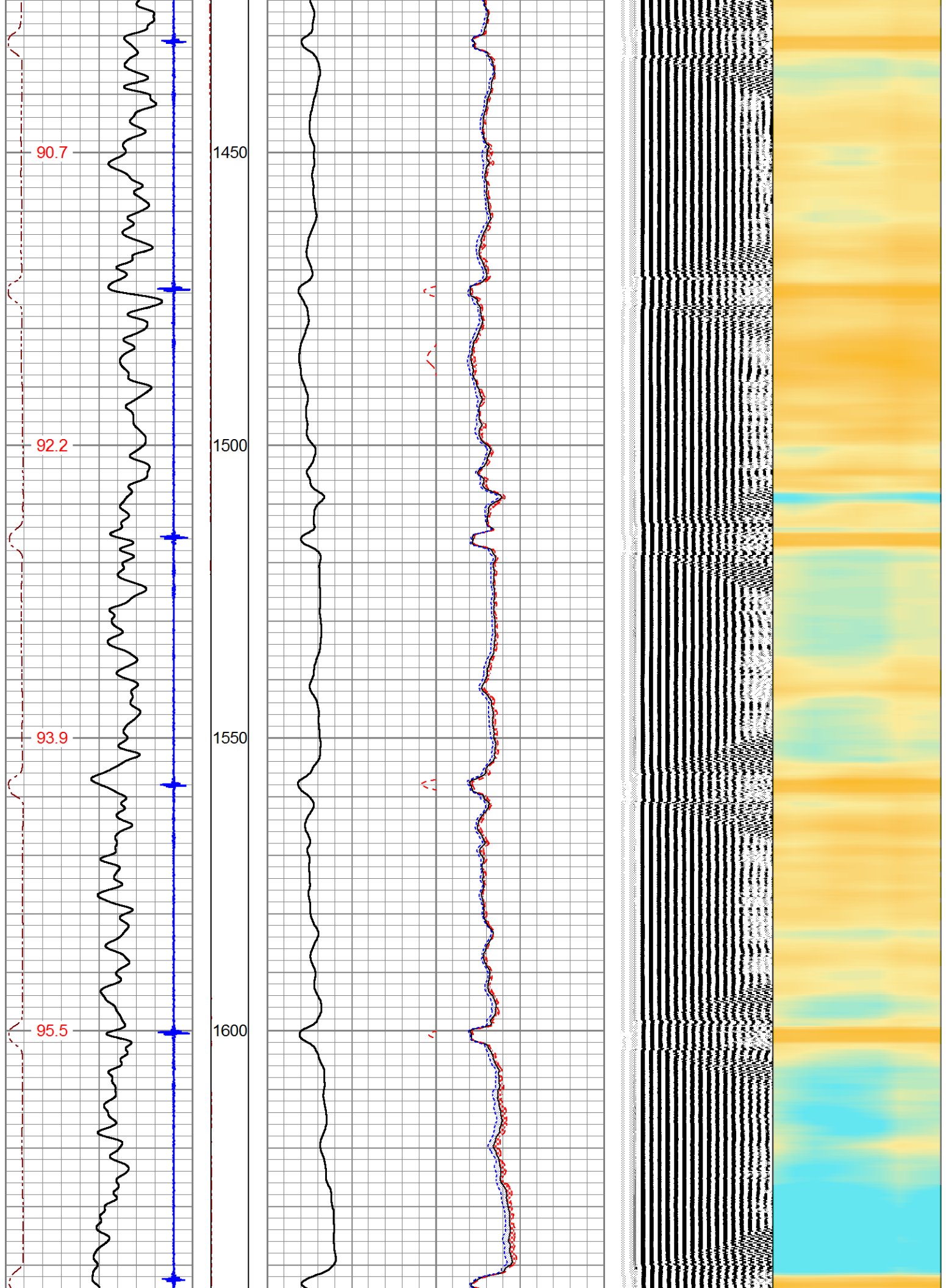


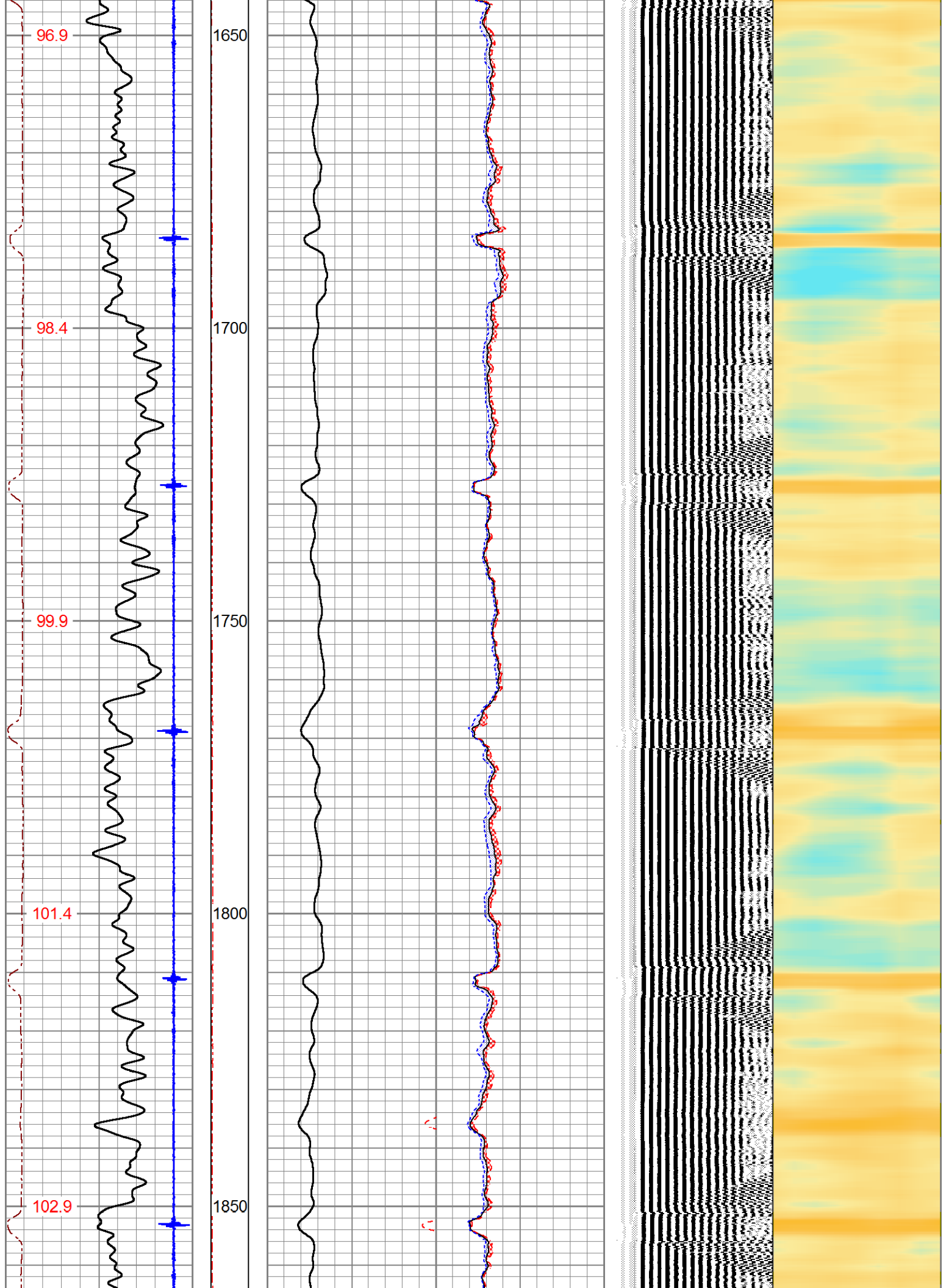


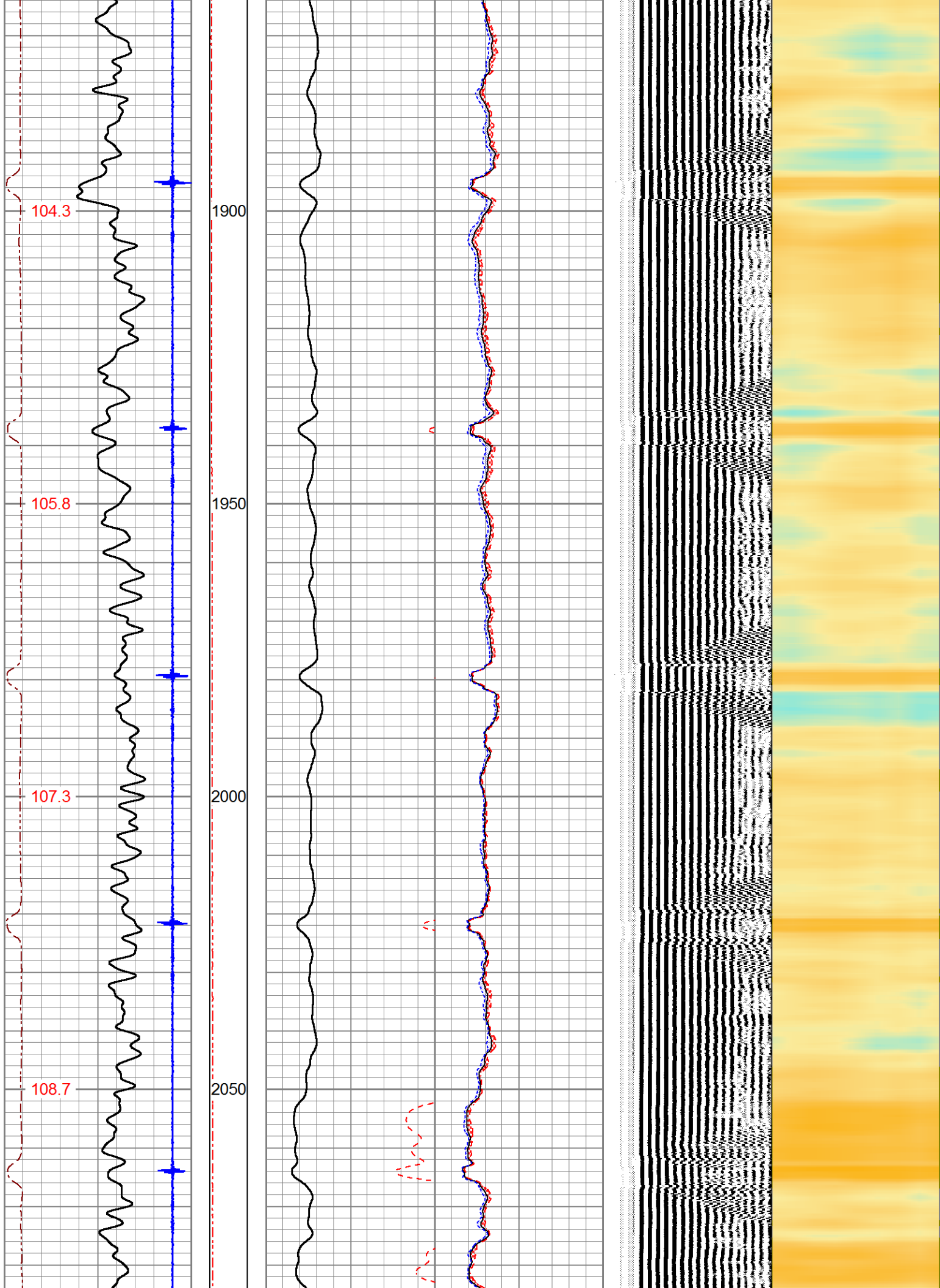


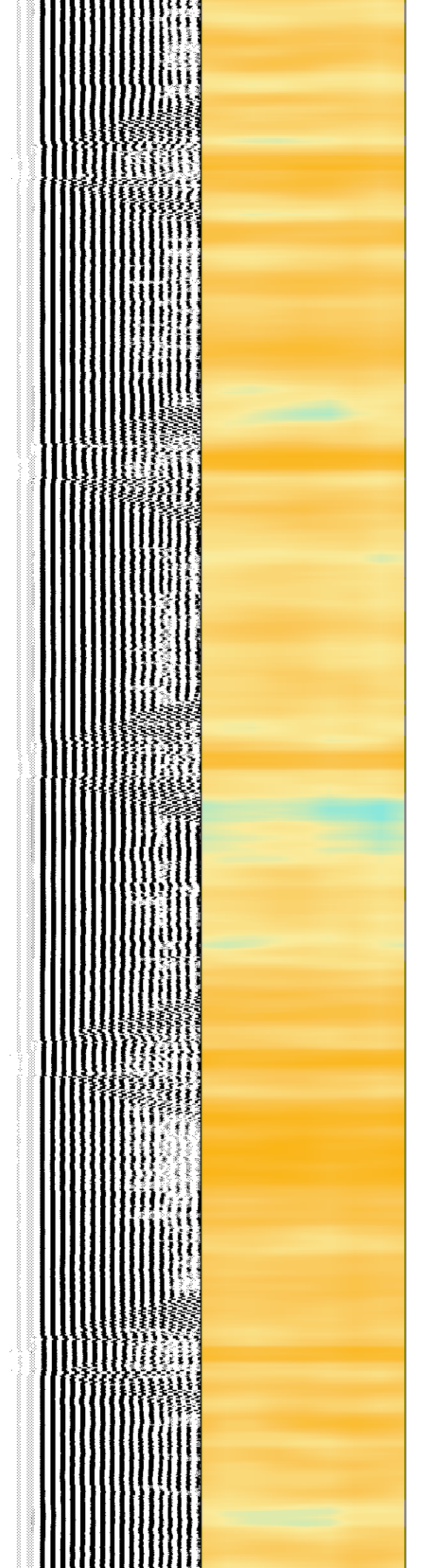
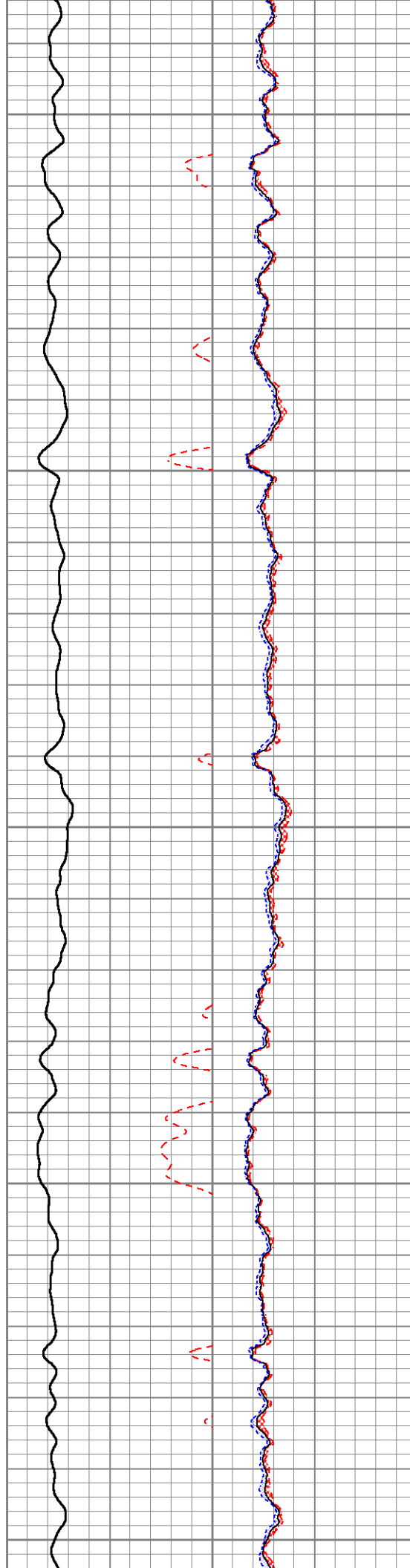
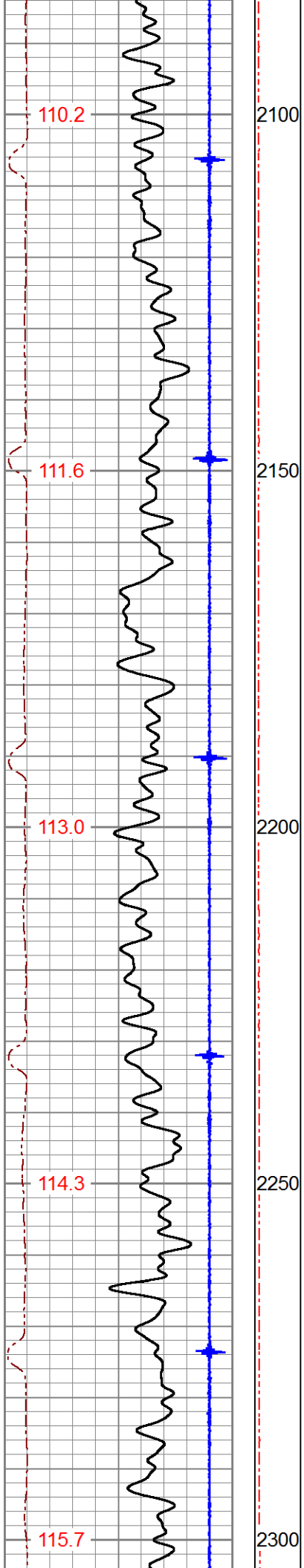


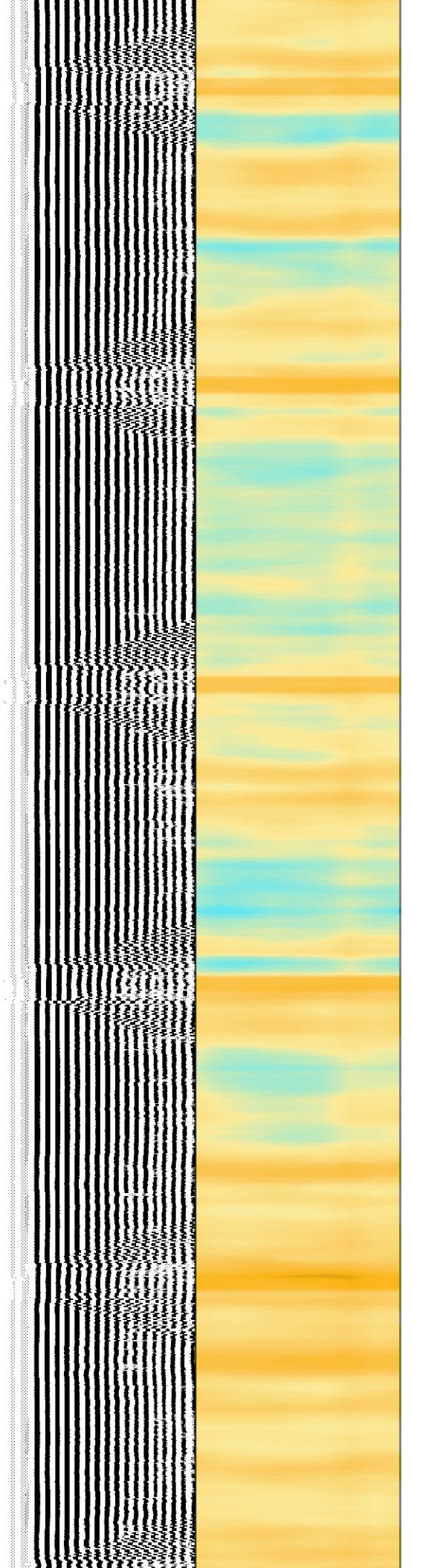
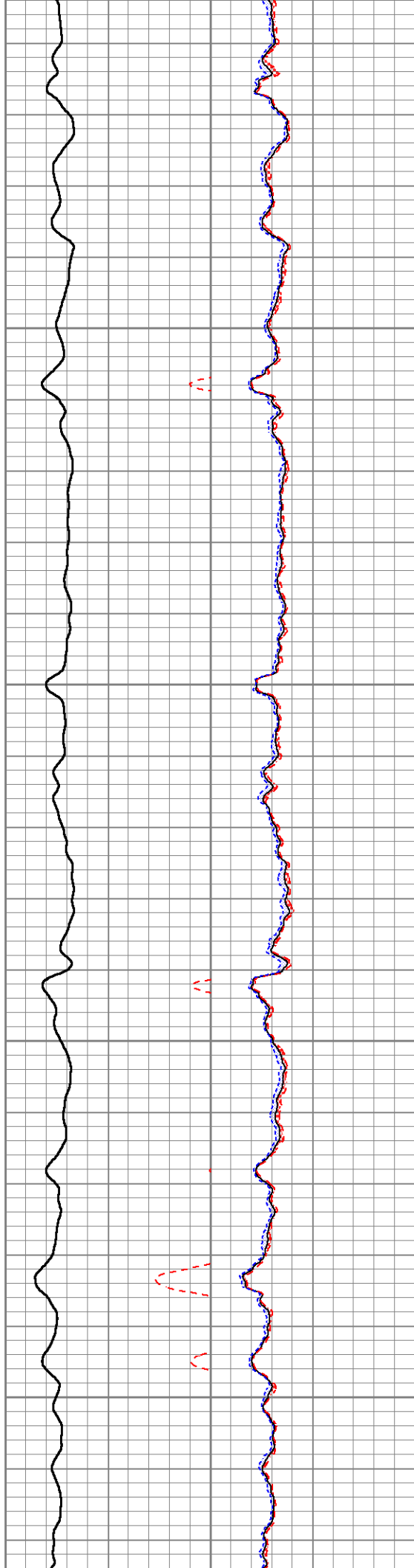
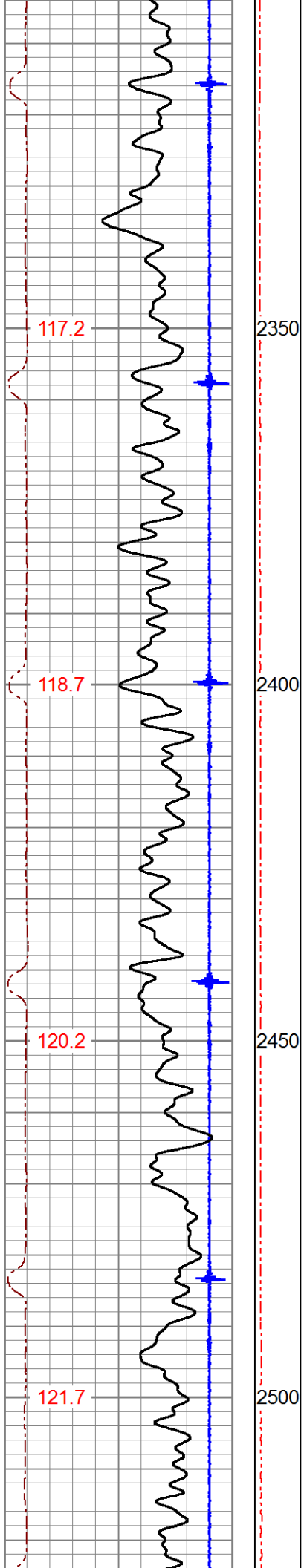


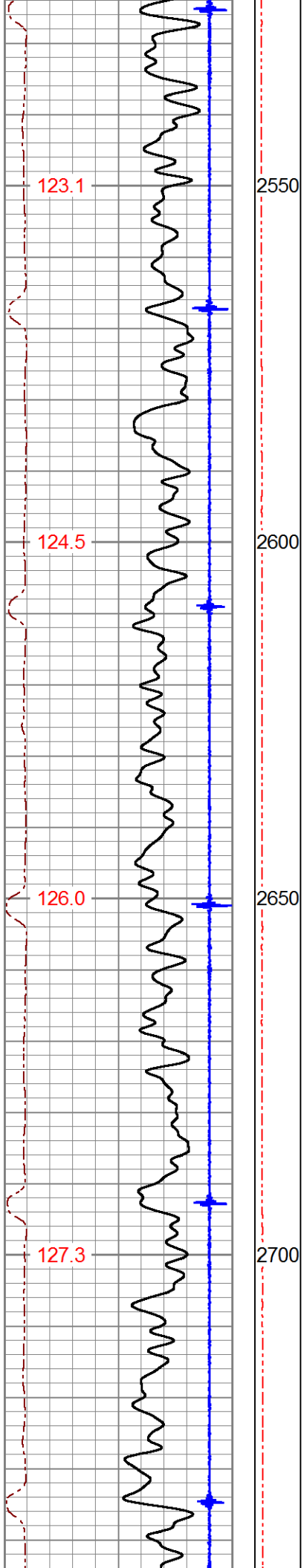










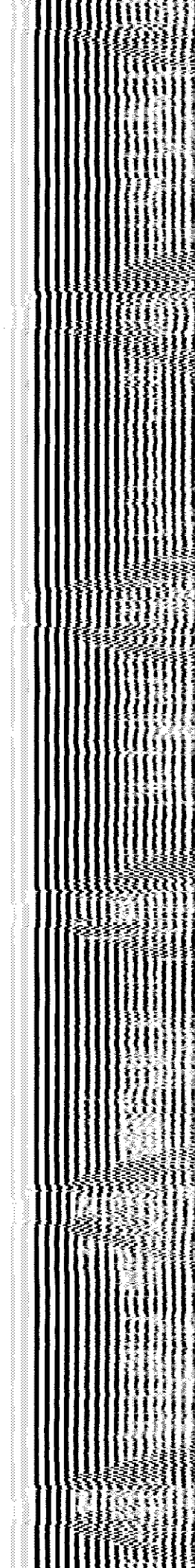
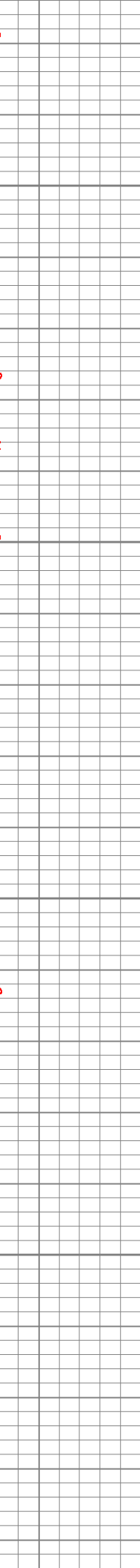
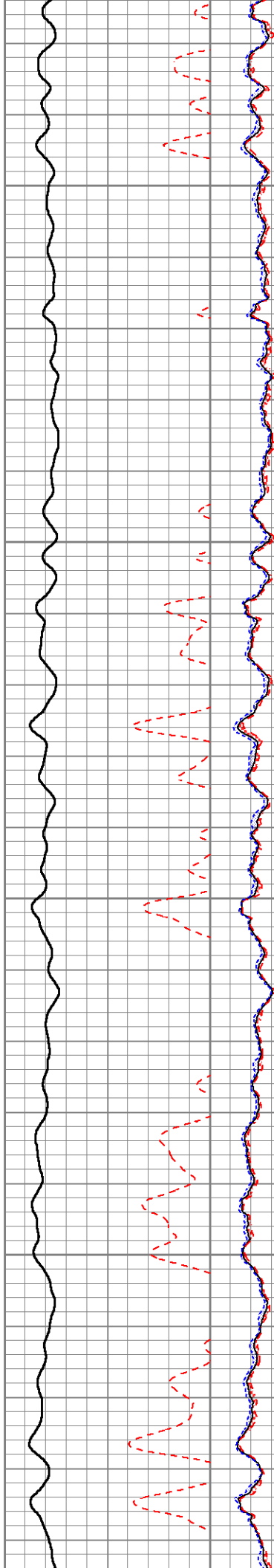


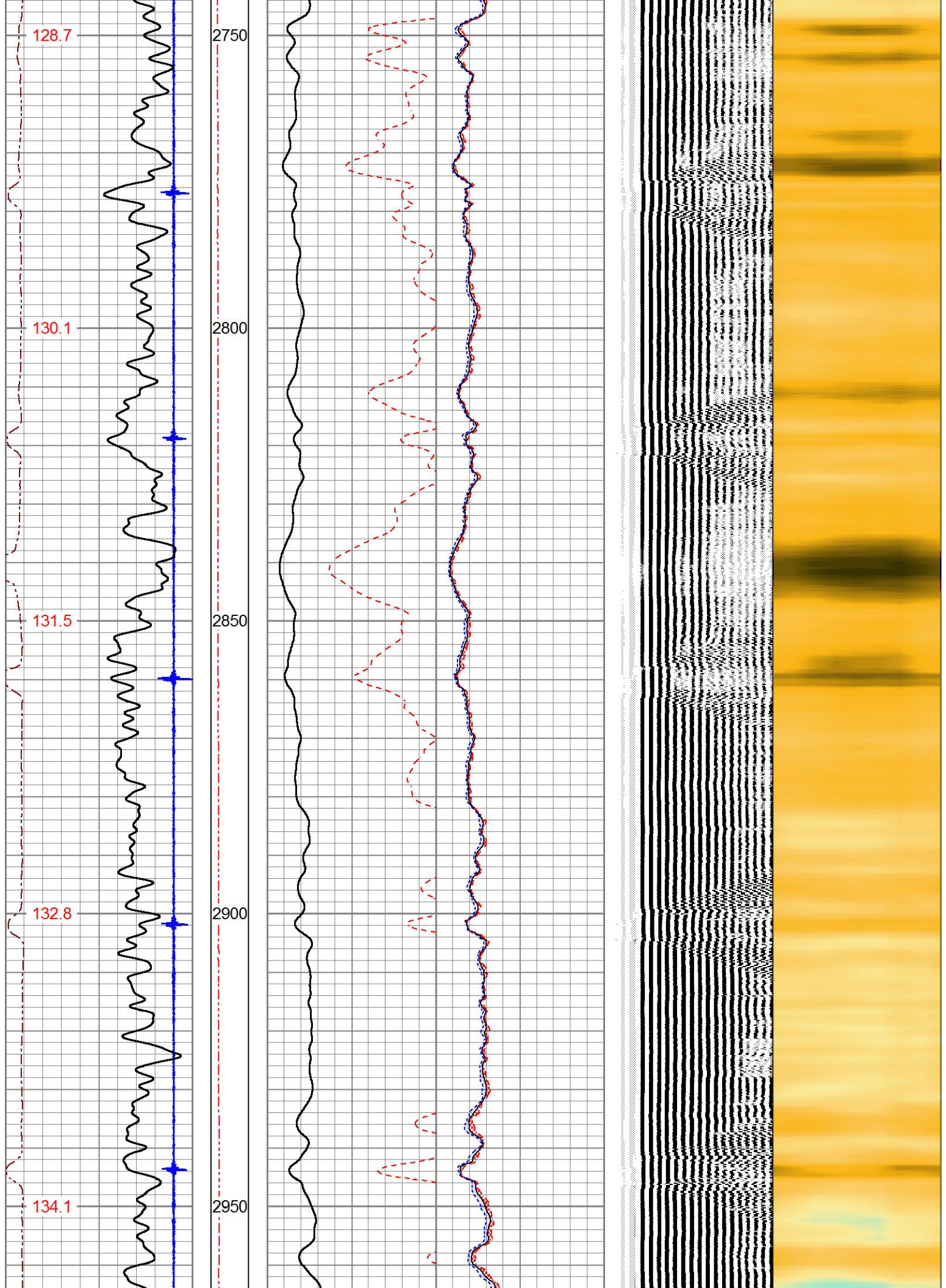
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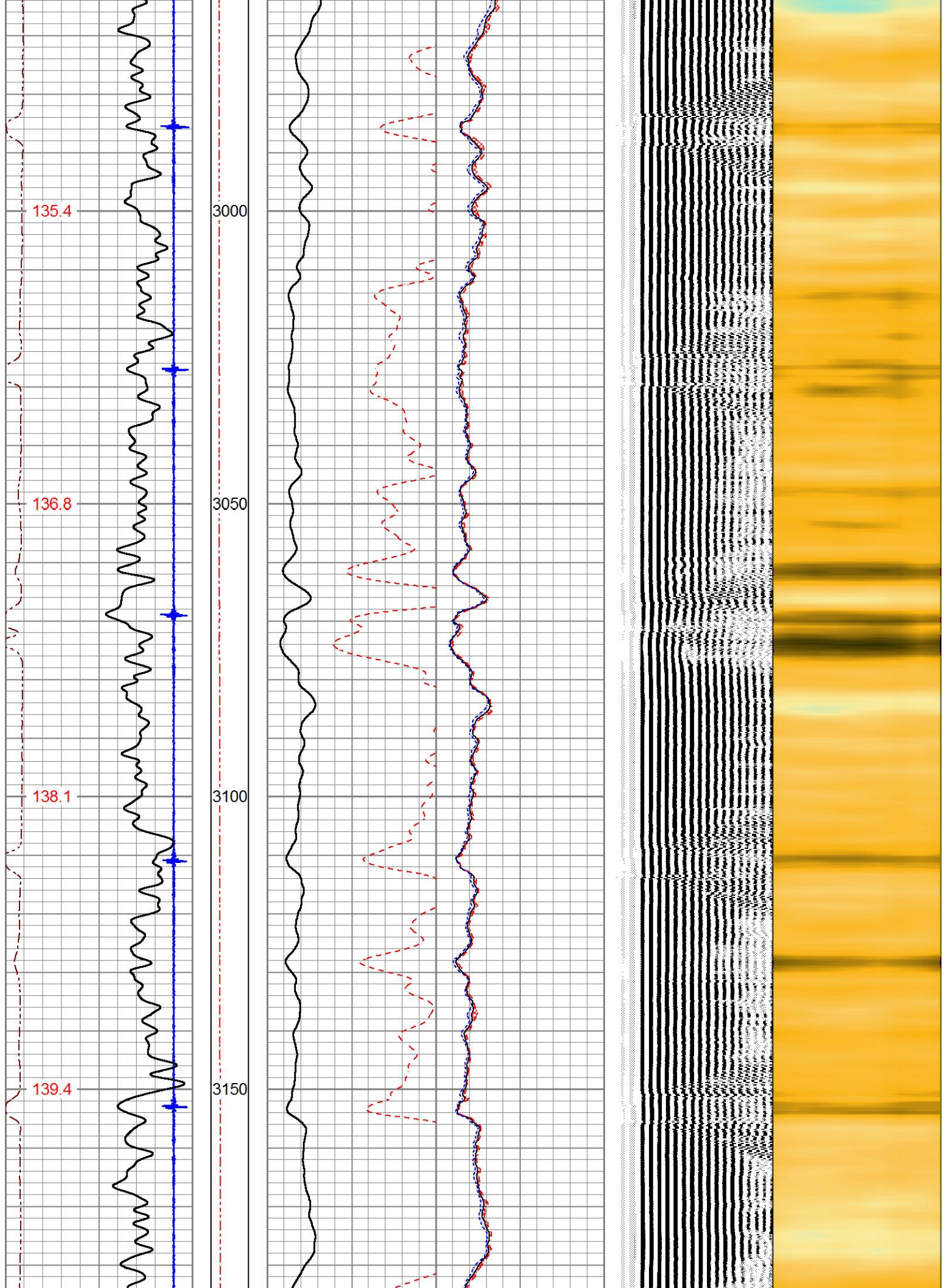
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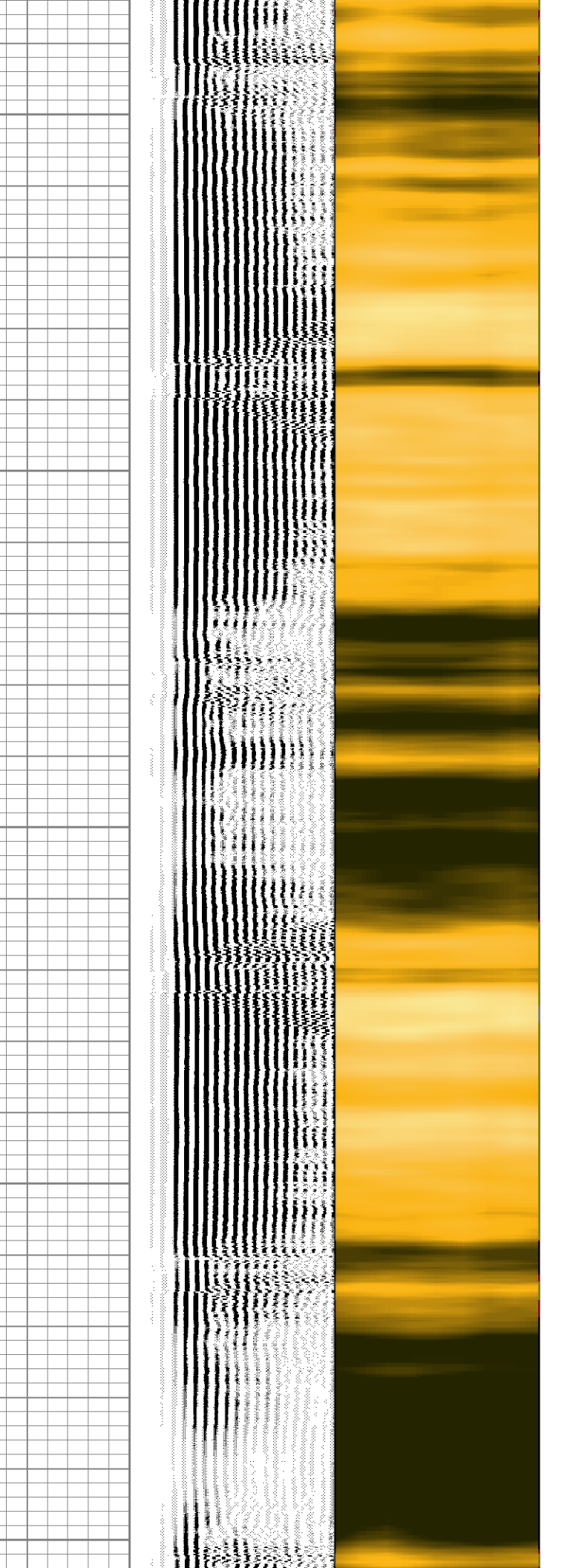
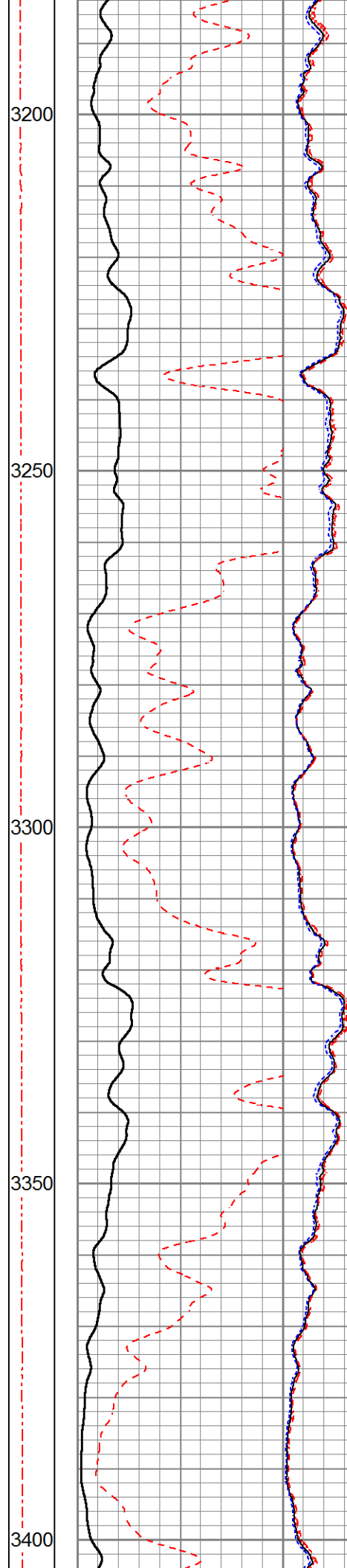
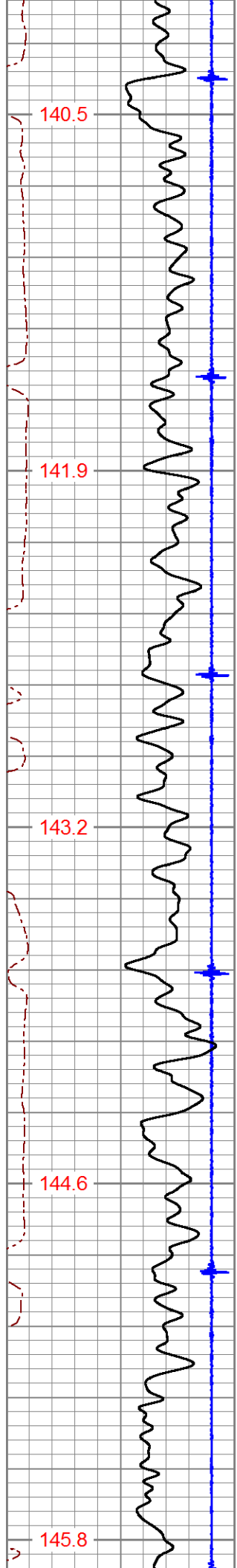
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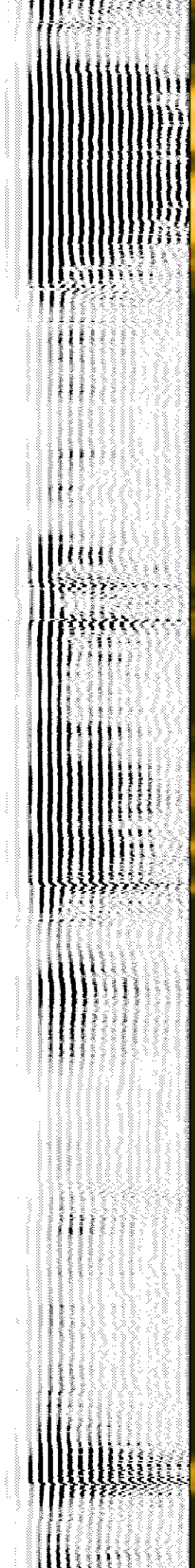
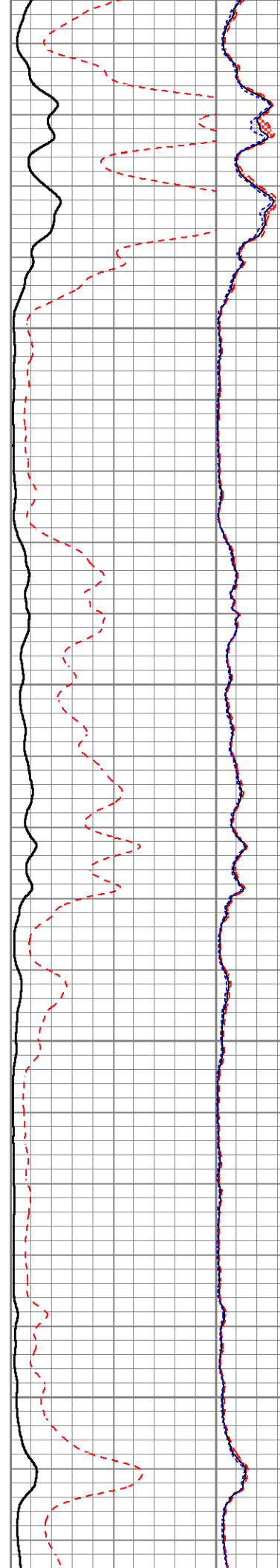
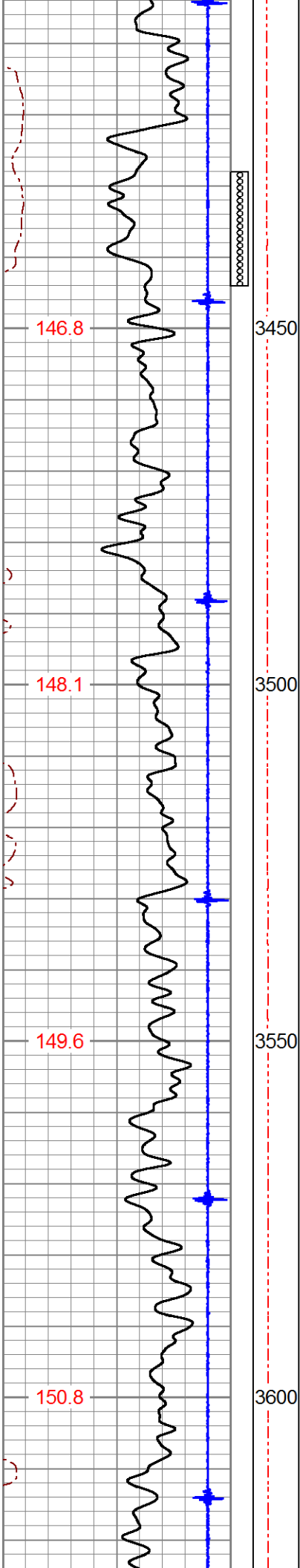
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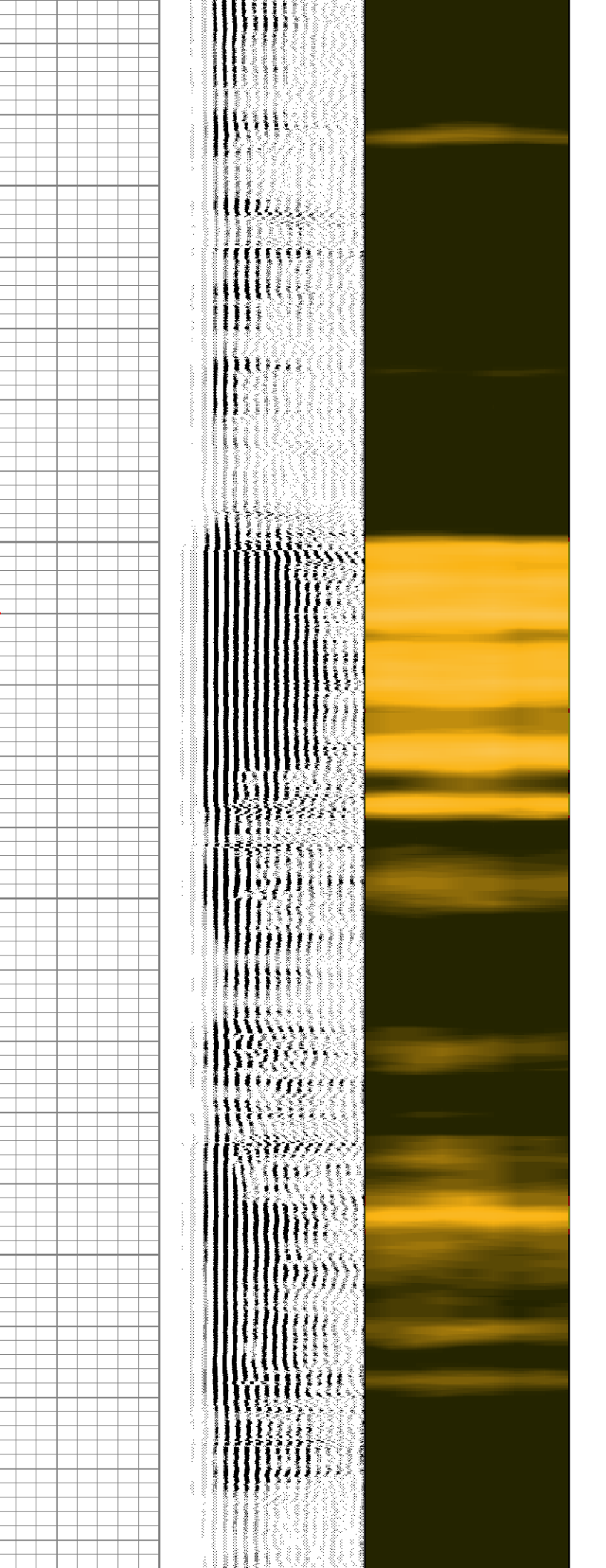
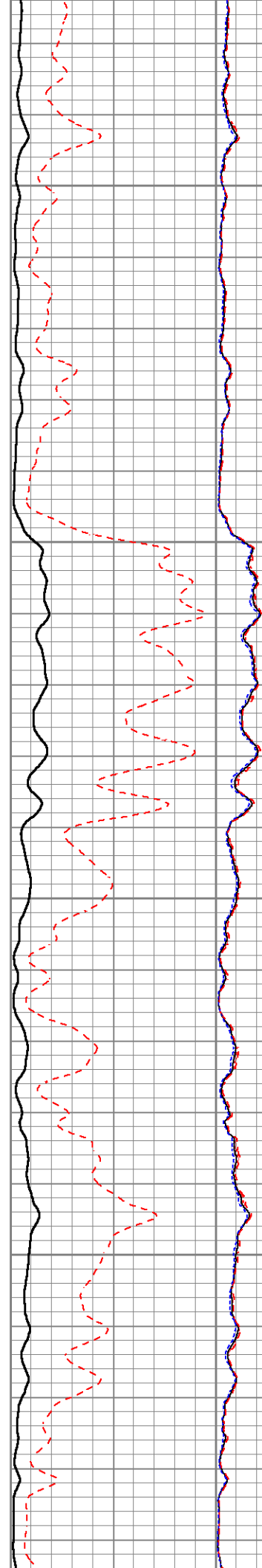
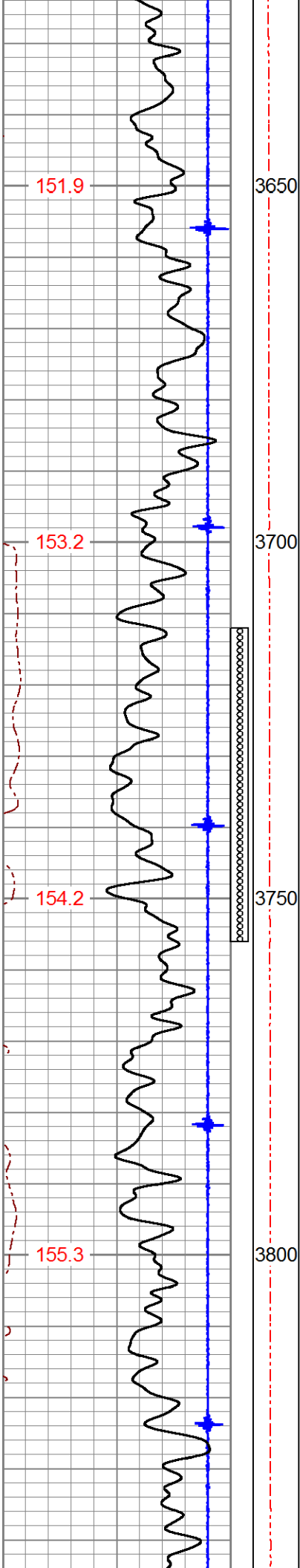


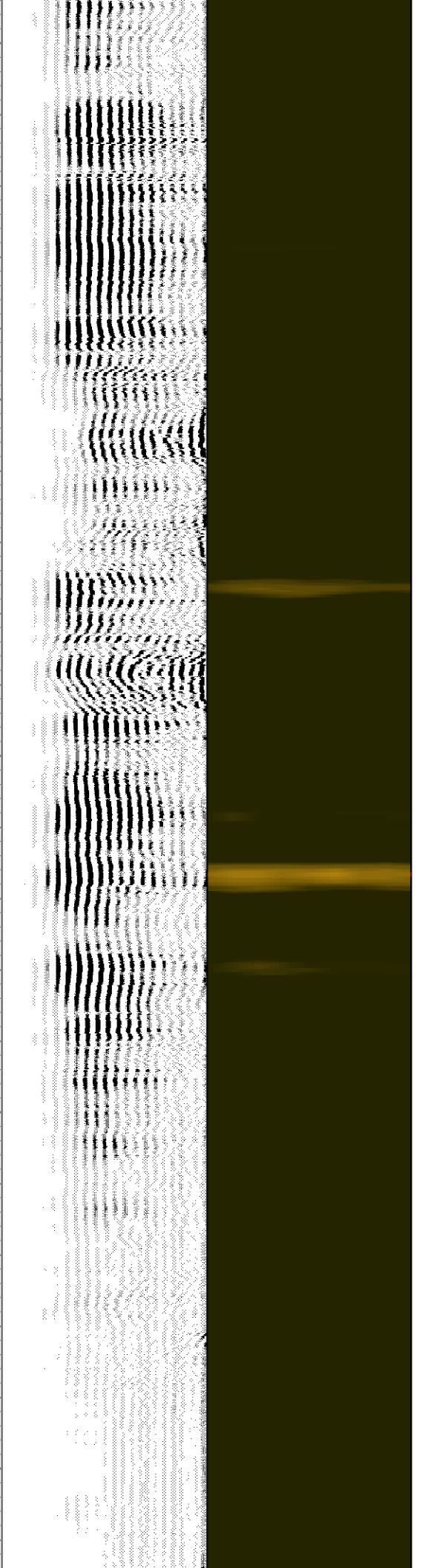
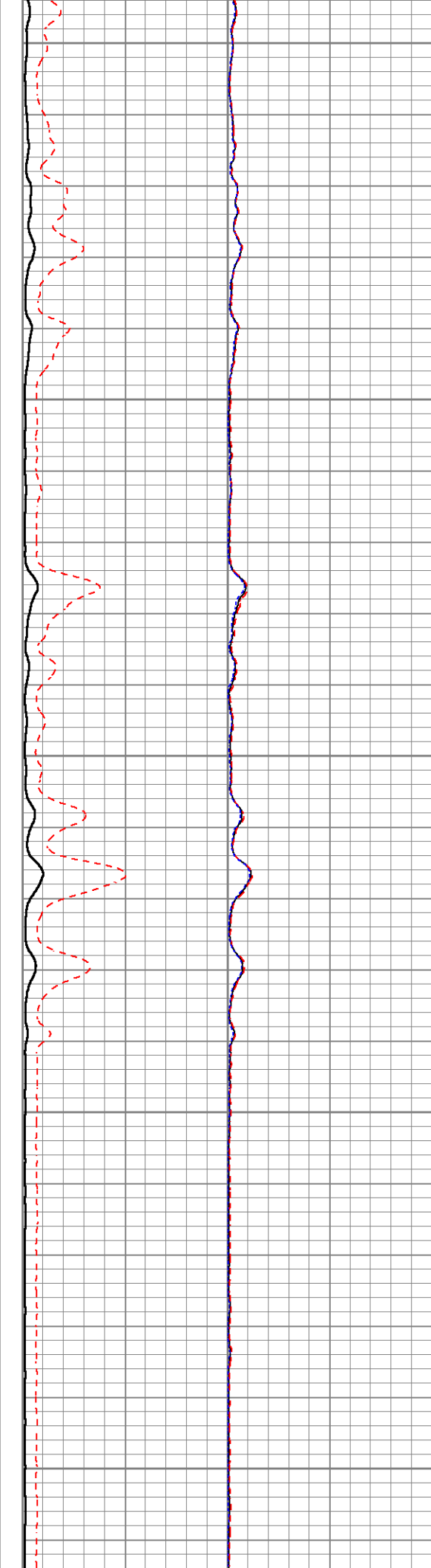
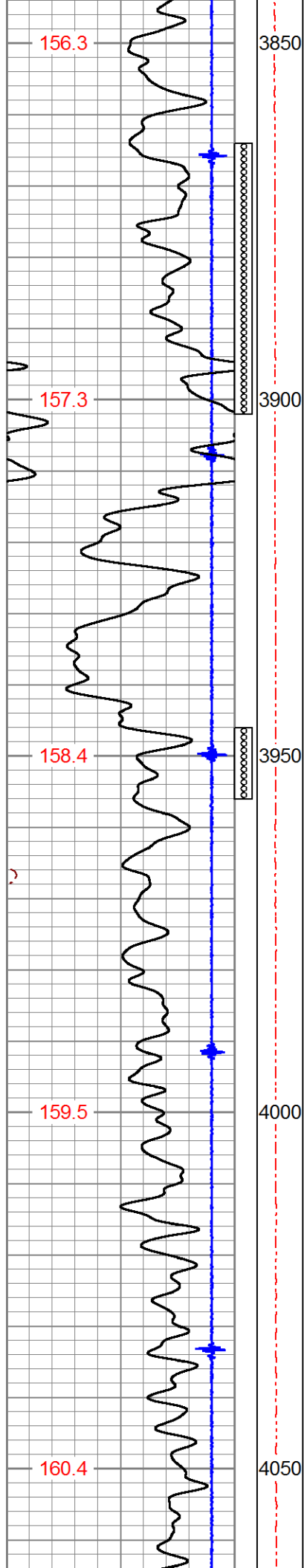












161.6

4100

162.4

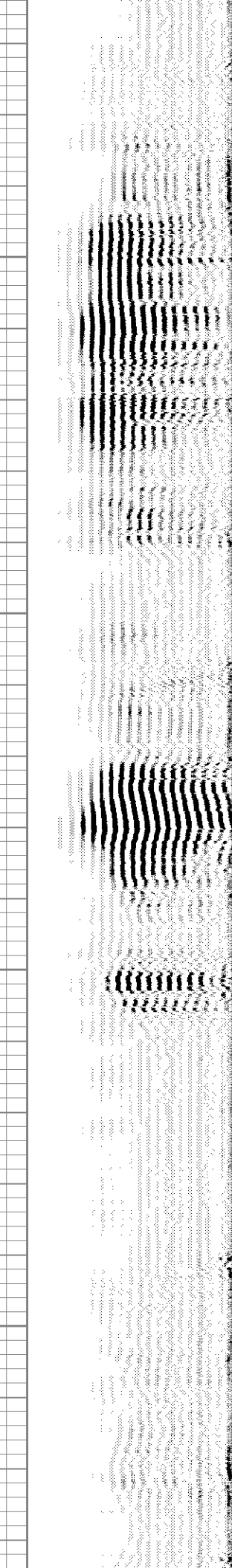
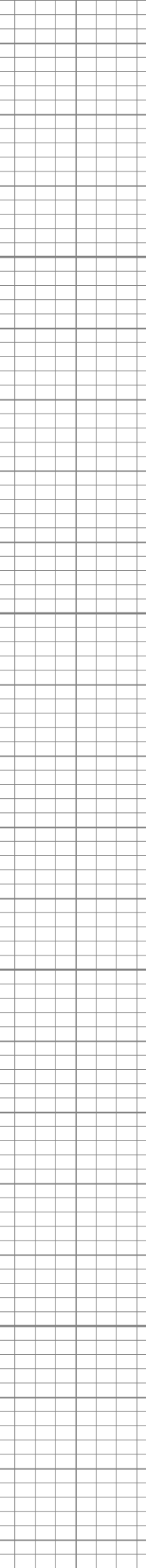
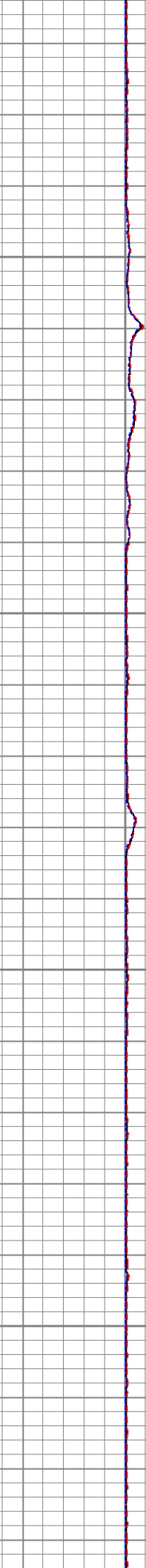
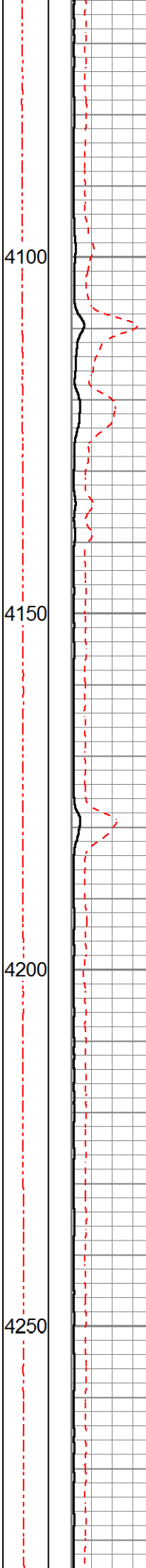
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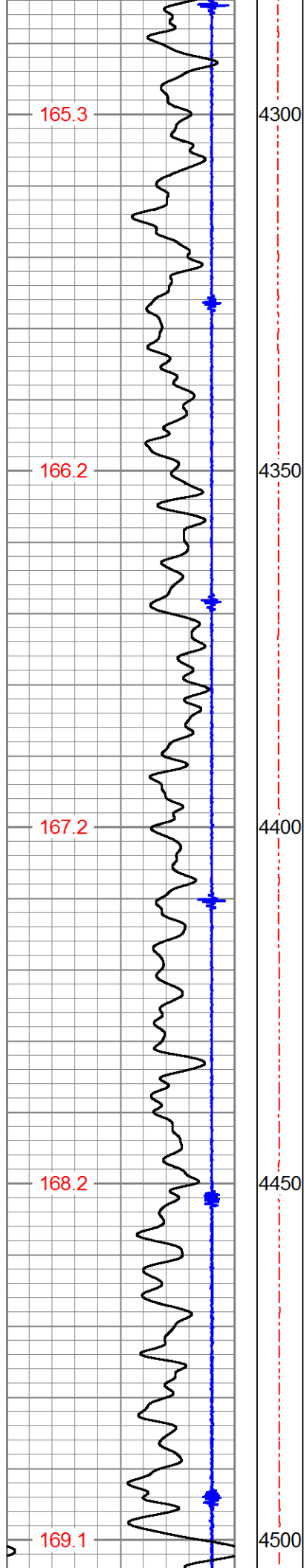
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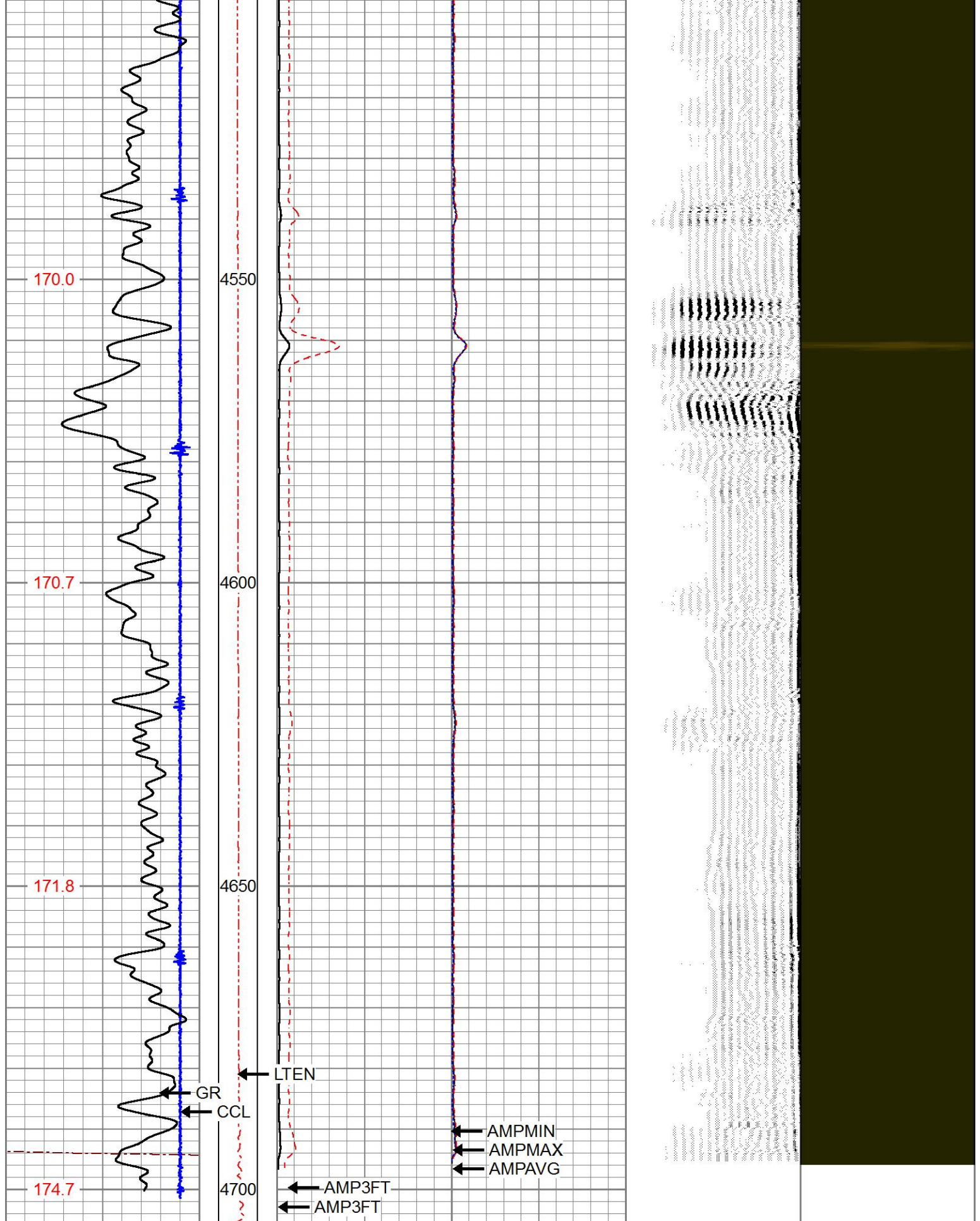
4200

164.3

4250







3Ft Travel Time 270 (usec) 170	Line Tension (lb) 0 2000	3' Amplitude (mV) 0 100	Sector Amplitude Average 0 150	200 VDL (usec) 1200	1	Sector Map	8
-9 Collar Locator 1		3' Amplified Amplitude X 5					
Gamma Ray			Sector				

0 (GAPI) 150

GCT_TEMP (degF)

0 (mV) 20

Amplitude Maximum

0 150

Sector Amplitude Minimum

0 150

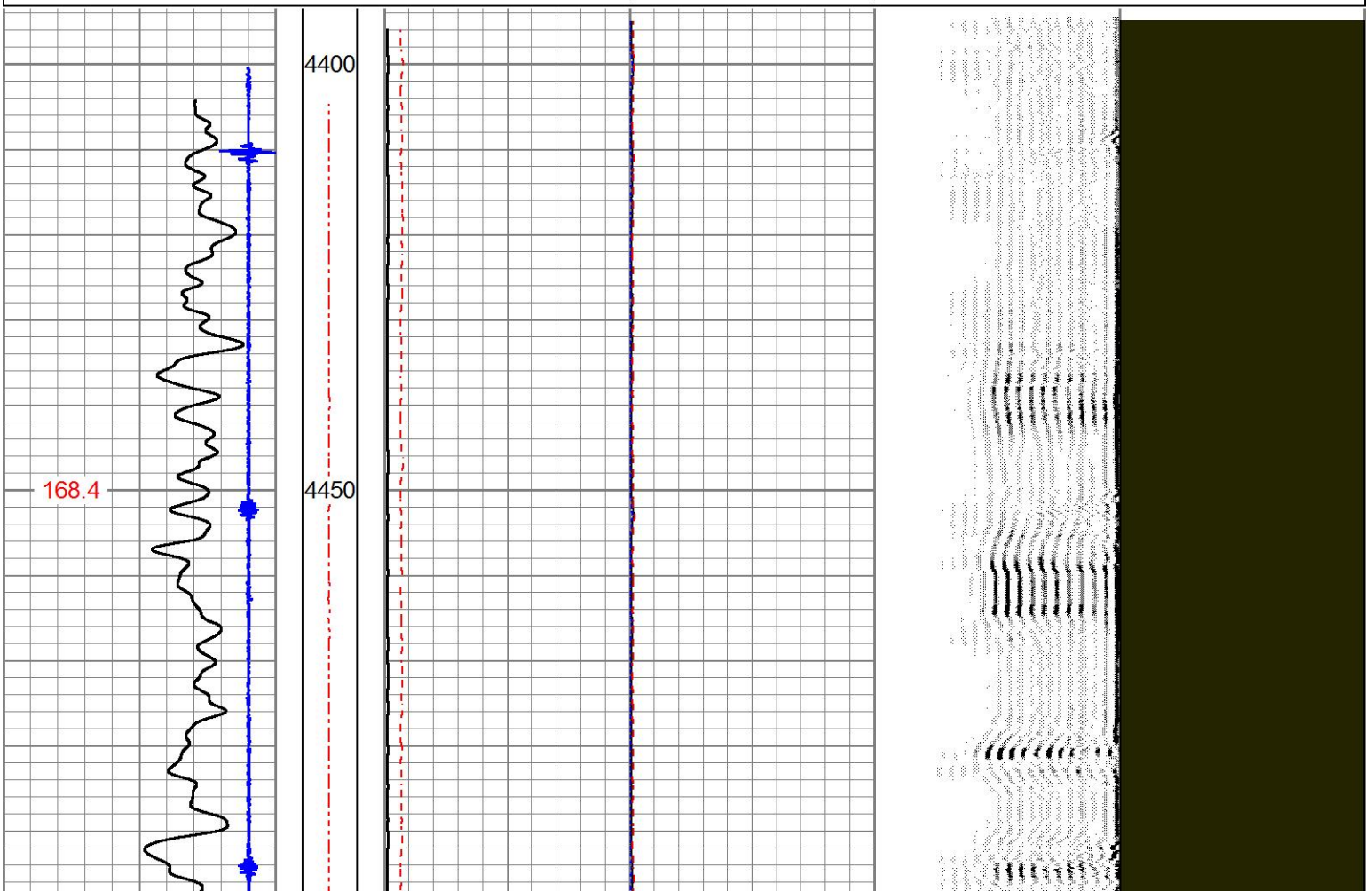


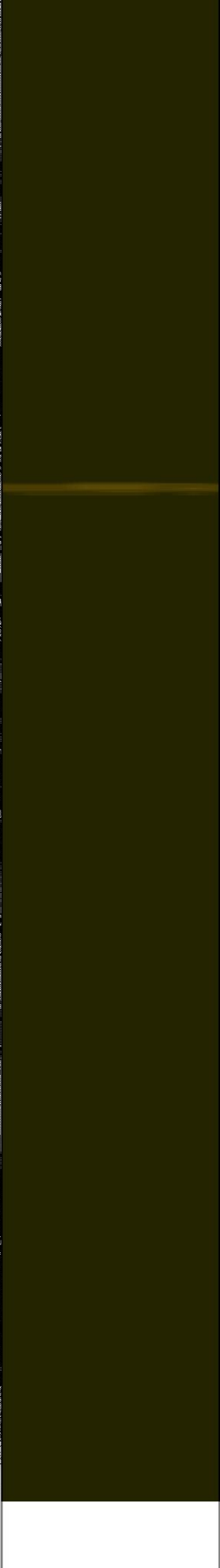
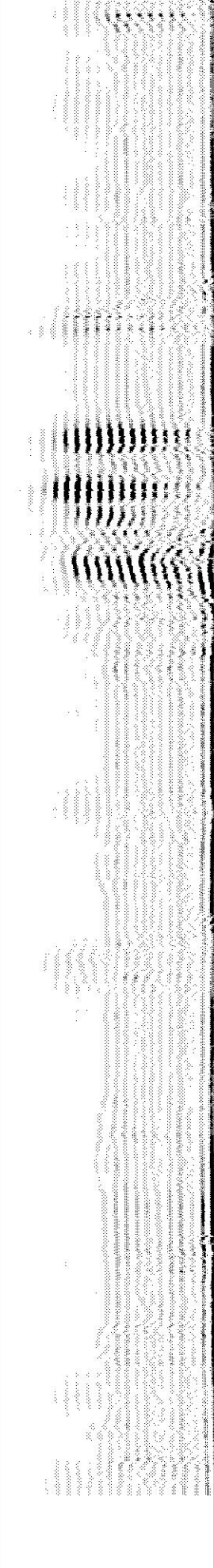
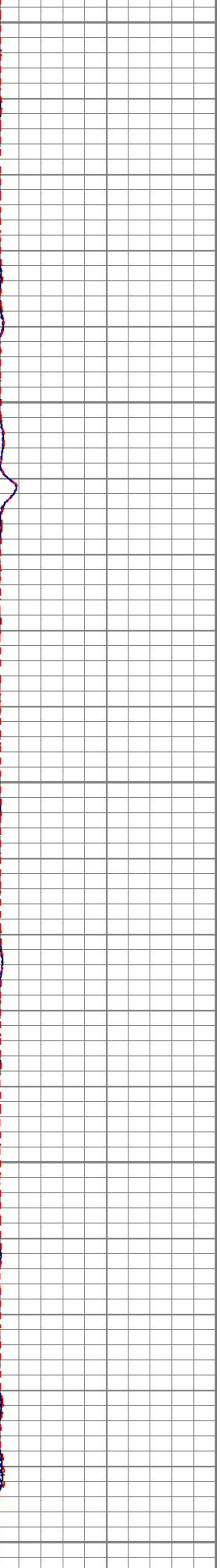
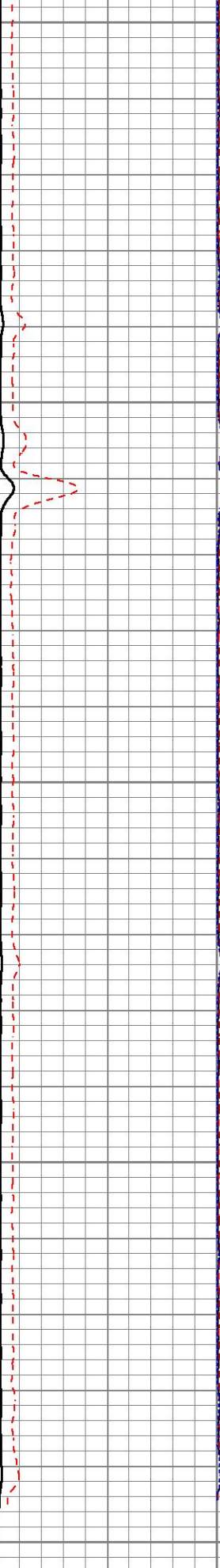
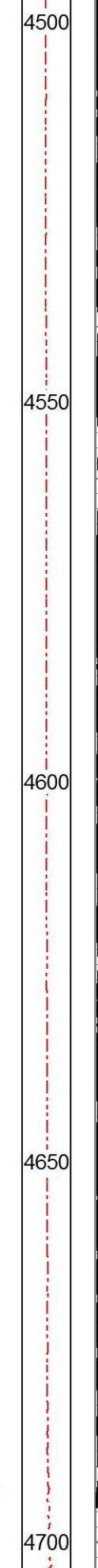
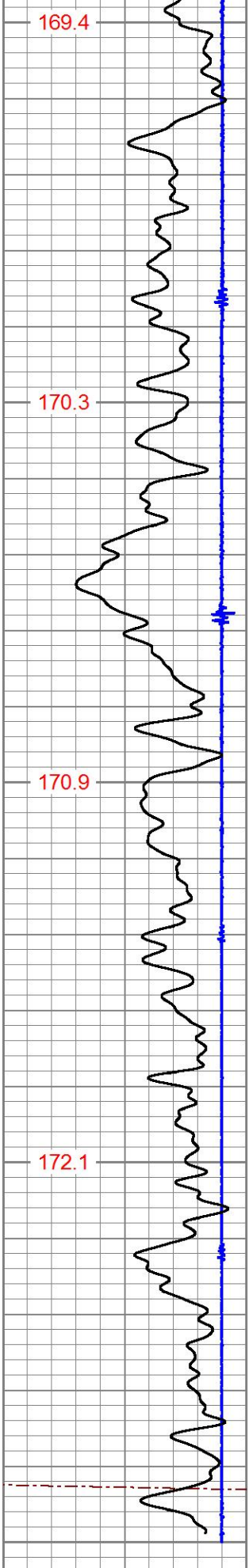
REPEAT SECTION

0 PSI APPLIED AT SURFACE

Database File snake_river_oil_gas_dutch_lane_1-13.db
 Dataset Pathname wildcat/dutch_lane_1-13/scbl/pass8
 Presentation Format pinr_scbl
 Dataset Creation Wed Feb 23 14:37:36 2022
 Charted by Depth in Feet scaled 1:240

3Ft Travel Time 274 (usec) 174	lineTension (lb) 0 2000	3' Amplitude (mV) 0 100	Sector Amplitude Average 0 150	200 VDL (usec) 1200	1 Sector Map 8
-9 Collar Locator 1		3' Amplified Amplitude X 5 (mV) 0 20	Sector Amplitude Maximum 0 150		
Gamma Ray 0 (GAPI) 150			Sector Amplitude Minimum 0 150		
GCT_TEMP (degF)					





3Ft Travel Time 274 (uSec) 174	Line Tension (lb) 0 2000	3' Amplitude (mV) 0 100	Sector Amplitude Average 0 150	200 VDL (uSec) 1200	1 Sector Map 8
-9 Collar Locator 1					

Gamma Ray (GAPI)	0	150	5 Amplified Amplitude X 5 (mV)	0	20	Sector Amplitude Maximum	0	150
GCT_TEMP (degF)						Sector Amplitude Minimum	0	150

Calibration Report

Database File snake_river_oil_gas_dutch_lane_1-13.db
Dataset Pathname wildcat/dutch_lane_1-13/scbl/pass9
Dataset Creation Wed Feb 23 14:44:48 2022

Gamma Ray Calibration Report

Serial Number: 140209
Tool Model: 275 Probe GCT
Performed: (Not Performed)

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 1401-05
Tool Model: RBL-DC

Calibration Casing Diameter: 5.500 in
Calibration Depth: 65.925 ft

Master Calibration, performed Wed Feb 23 14:12:28 2022:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.005	1.485	1.000	71.921	41.570	1.243
CAL	-0.006	1.511				
5'	-0.006	1.435	1.000	71.921	49.239	1.279
SUM						
S1	-0.003	1.494	0.000	100.000	66.787	0.201
S2	-0.005	1.511	0.000	100.000	65.956	0.333
S3	-0.005	1.500	0.000	100.000	66.421	0.362
S4	-0.006	1.507	0.000	100.000	66.101	0.379
S5	-0.006	1.504	0.000	100.000	66.252	0.384
S6	-0.005	1.489	0.000	100.000	66.928	0.349
S7	-0.005	1.490	0.000	100.000	66.906	0.324
S8	-0.005	1.498	0.000	100.000	66.507	0.339

Air Zero Calibration, performed Wed Feb 23 09:41:13 2022:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero			Offset
3'	0.005		0.000			-0.010
5'	0.003		0.000			-0.008
SUM						
S1	0.010		0.000			0.007

S1	-0.010	0.000	0.007
S2	-0.000	0.000	-0.005
S3	0.001	0.000	-0.006
S4	0.001	0.000	-0.007
S5	0.001	0.000	-0.007
S6	0.000	0.000	-0.006
S7	0.000	0.000	-0.005
S8	-0.001	0.000	-0.004



ClearWell
DYNAMICS

Company SNAKE RIVER OIL & GAS
 Well DUTCH LANE #1-13
 Field WILDCAT
 County PAYETTE
 State IDAHO