RADIAL BOND LOG

Company	PDC Energy		
Well	Bost Farm 38C-8-L		
Field	Wattenberg		
County	Weld		
State	Colorado	Country	

Company PDC Energy
Well Bost Farm 38C-8-L
Field Wattenberg
County Weld
State Colorado Country

Location: API # : 05-123-51457
2508 FNL & 1076 FWL
SEC 7 TWP 5N RGE 66W

Other Services
NONE

Permanent Datum Elevation
Log Measured From KB 28'
Drilling Measured From

Elevation
K.B.
D.F.
G.L.

Date	07-JUNE-2022		
Run Number	ONE		
Depth Driller	18395 FT		
Depth Logger	8180 FT		
Bottom Logged Interval	8181 FT		
Top Log Interval	Surface		
Open Hole Size	8.5"		
Type Fluid	Water		
Density / Viscosity	NA		
Max. Recorded Temp.	248°F		
Estimated Cement Top	See Log		
Time Well Ready	ROA		
Time Logger on Bottom	15:34		
Equipment Number	24		
Location	Greeley, CO		060822
Recorded By	C. Sisneros	E. Decker	dsa
Witnessed By	K. Lewis		

FINAL PRINT

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	5.5	20	0 FT	18451 FT
Liner				

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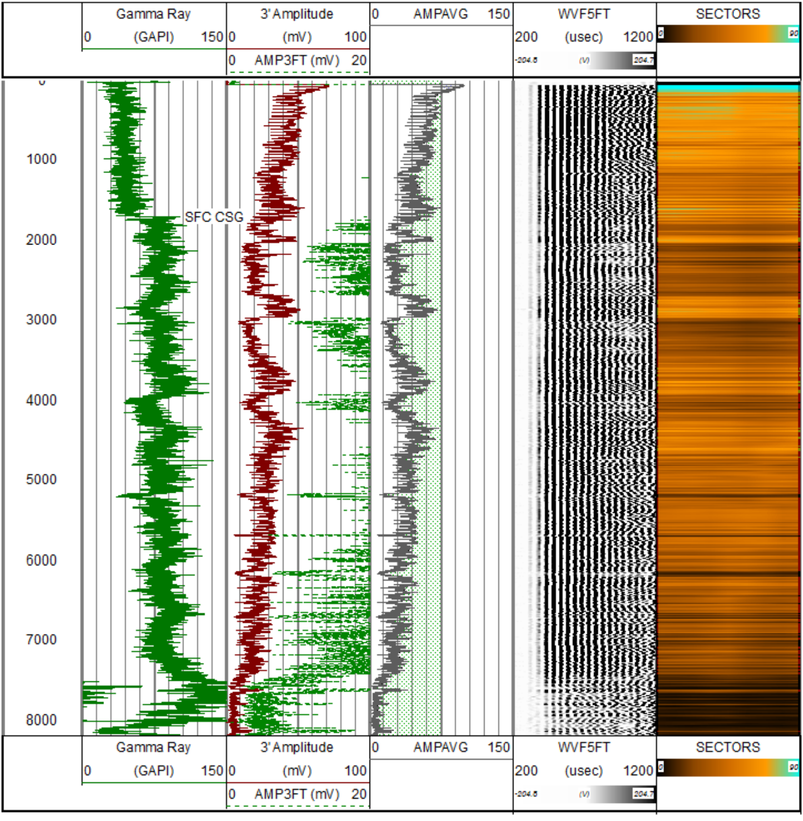
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Correlated to Marker Joint from tally @ 7117.8'-7128.1'
Adjusted -7 FT to correlate.
Free pipe Calibration done with the tools internal 5.5 Pipe reading.

Main Pass

Database File	bost farm\pdc_bostfarm_38c_8_l_rcbl_06072022.db
Dataset Pathname	main.1
Presentation Format	RBL_1l~1
Dataset Creation	Tue Jun 07 18:06:54 2022
Charted by	Depth in Feet scaled 1:15000



Main Pass

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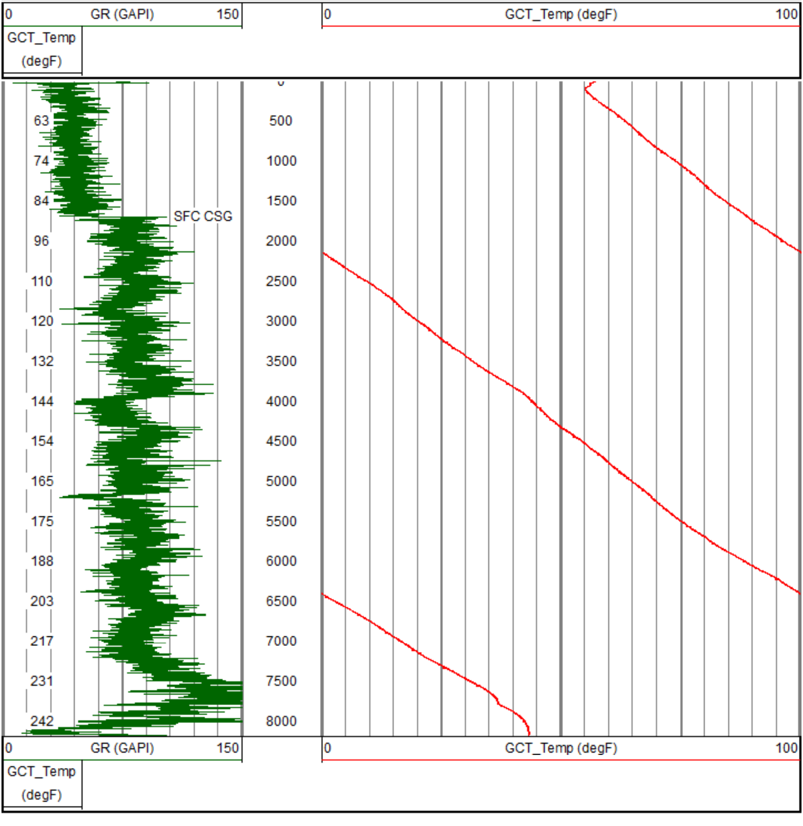
Presentation Format	tempccl
Dataset Creation	Tue Jun 07 18:06:54 2022
Charted by	Depth in Feet scaled 1:15000



Main Pass

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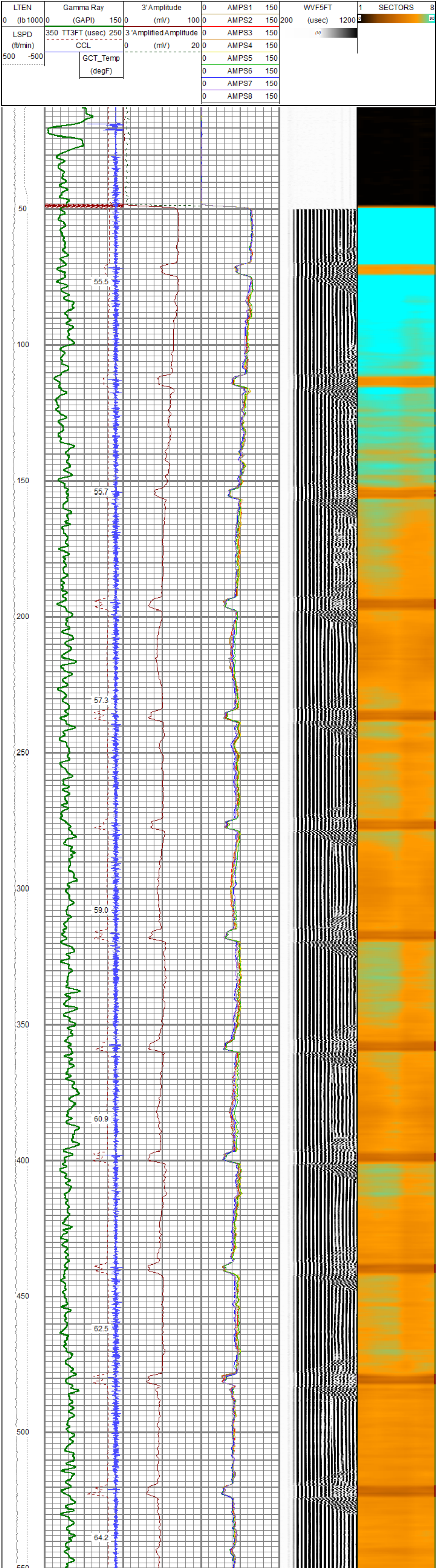
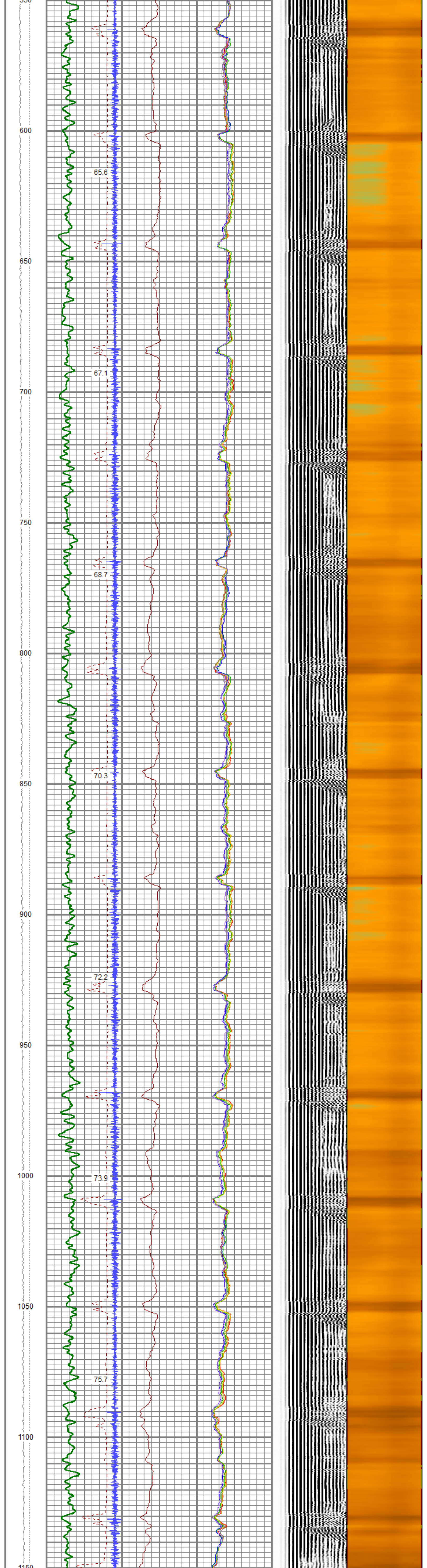
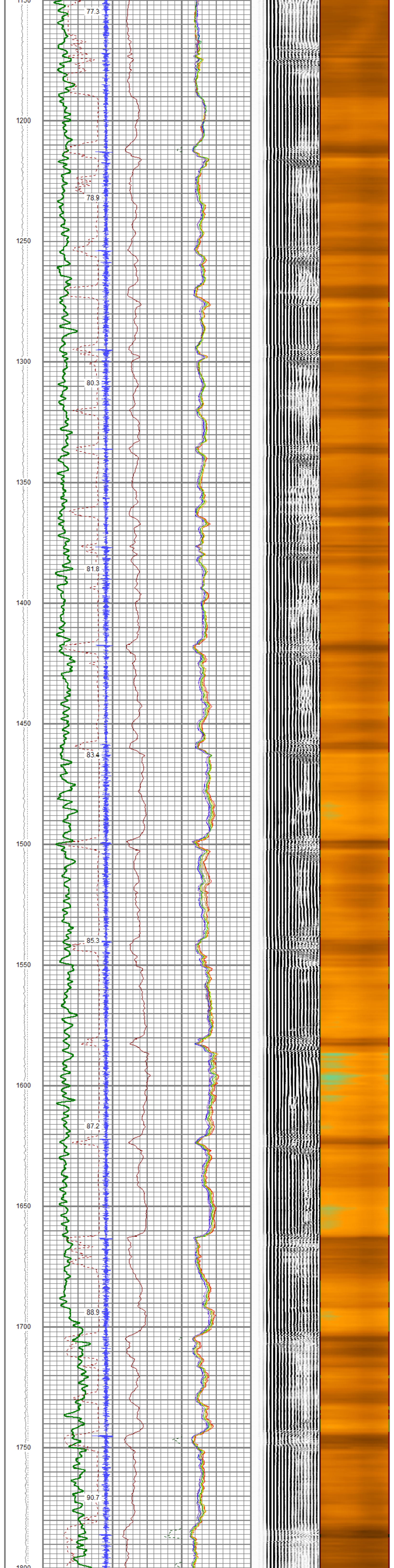
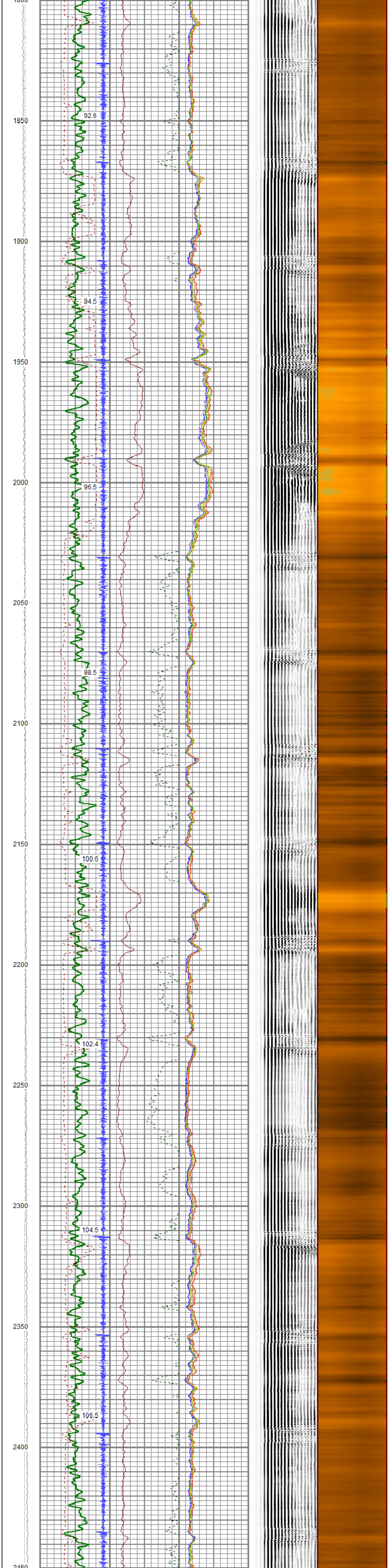
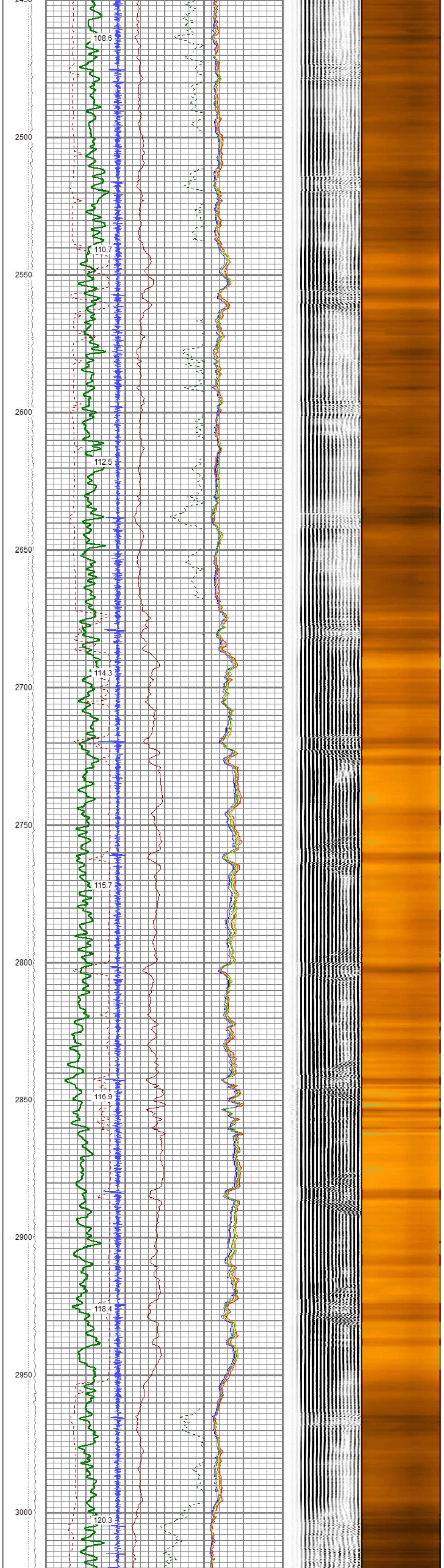
Dataset Pathname	main.1
Presentation Format	RBL_AL~1
Dataset Creation	Tue Jun 07 18:06:54 2022
Charted by	Depth in Feet scaled 1:240

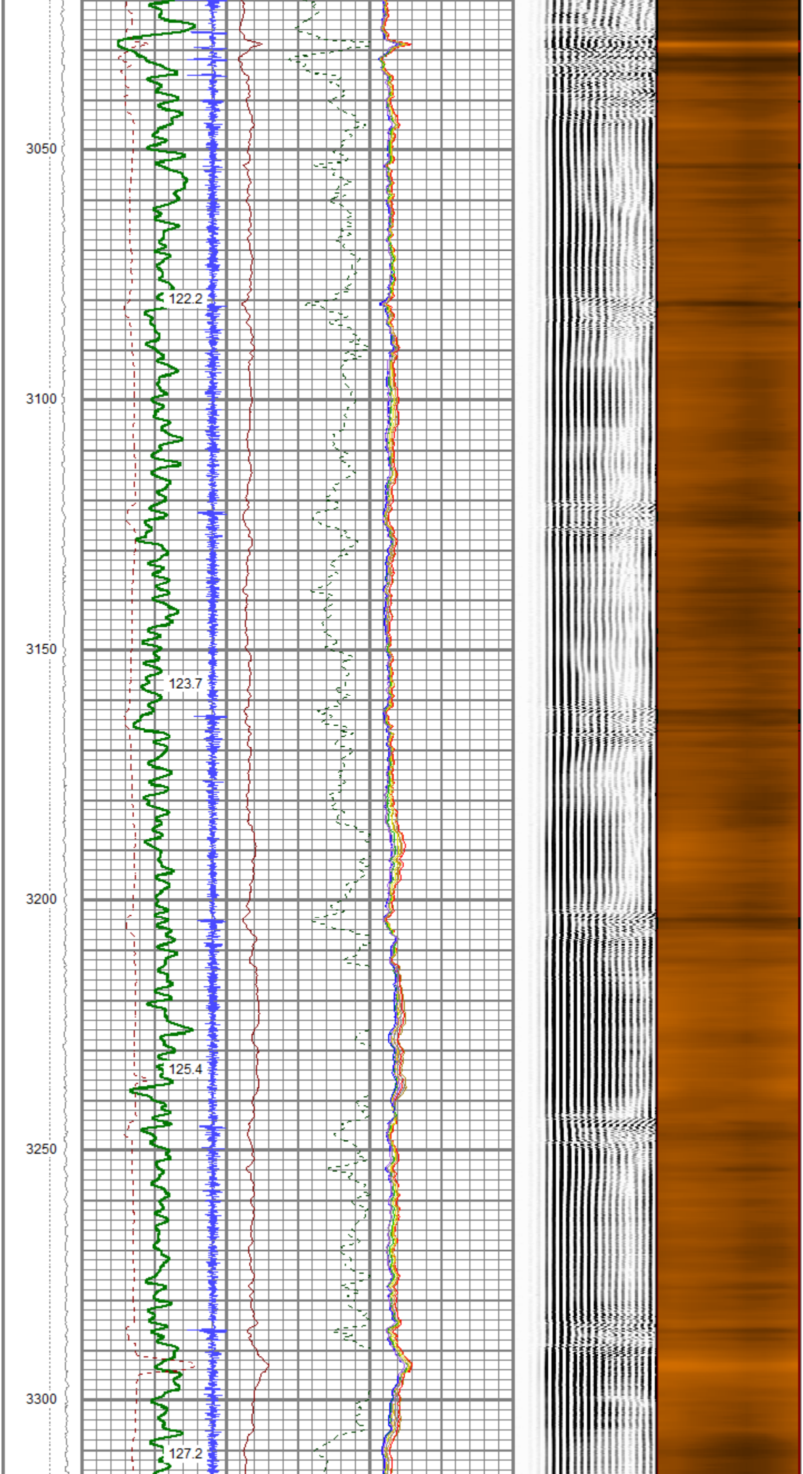


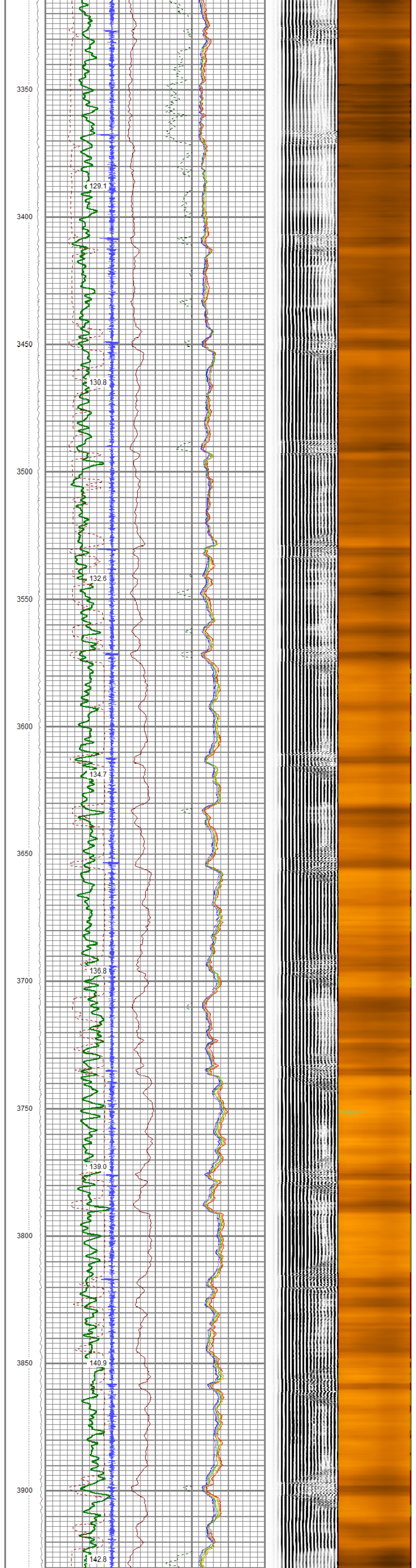








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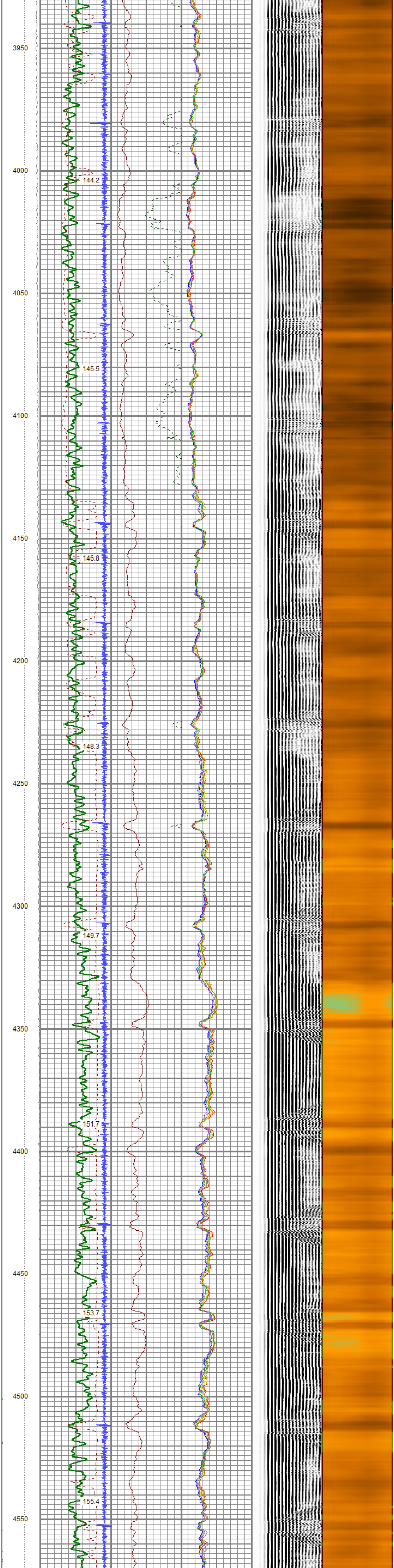
3900
142.8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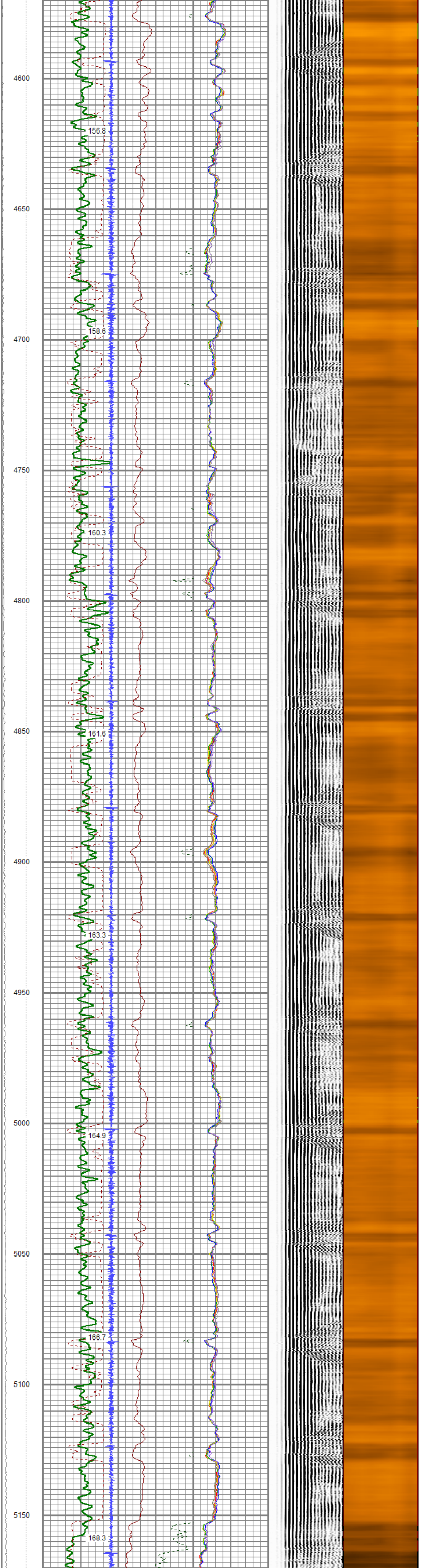
155.4
4550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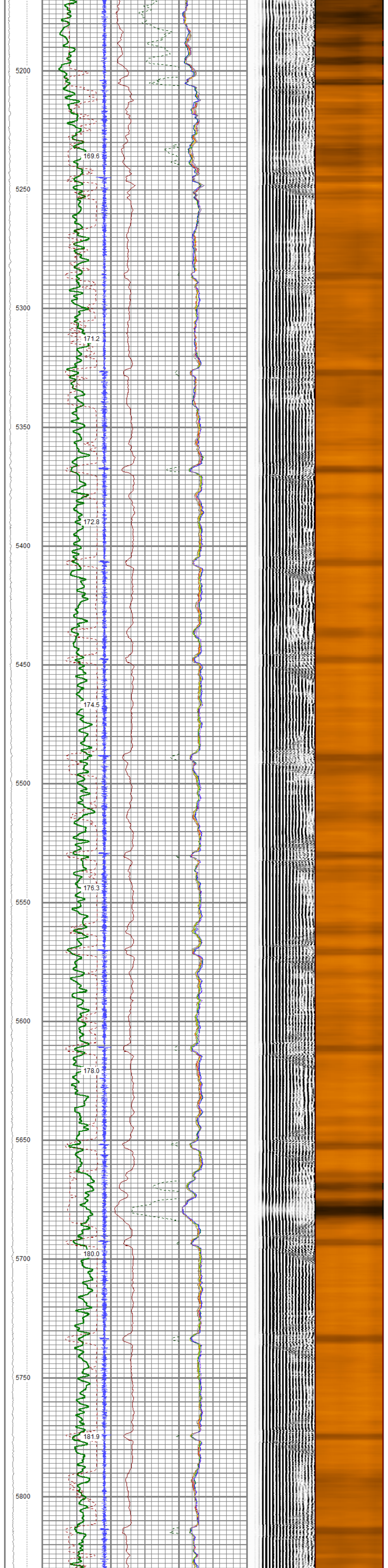
5100
5150
168.3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180.0
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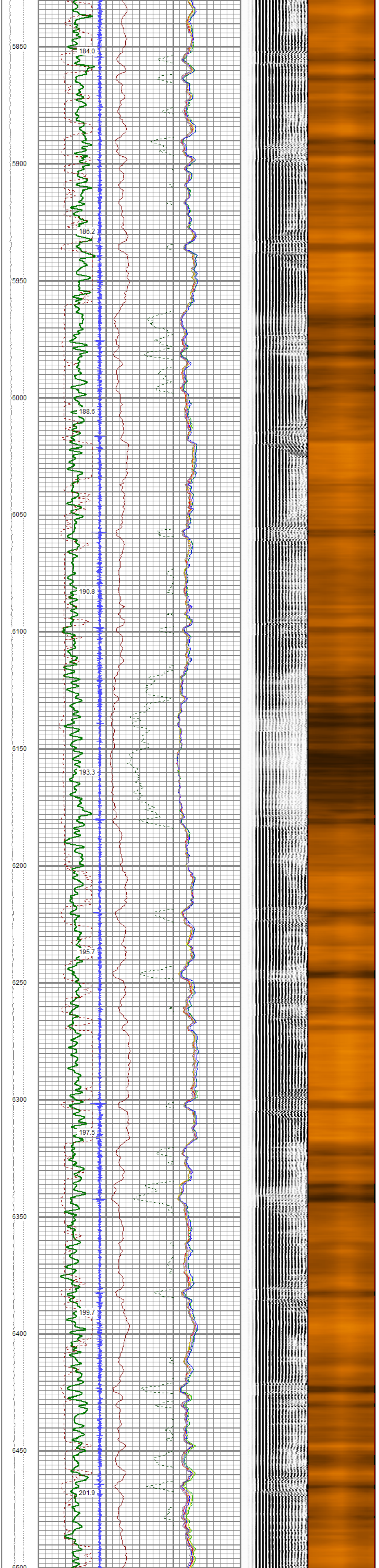
181.9
5800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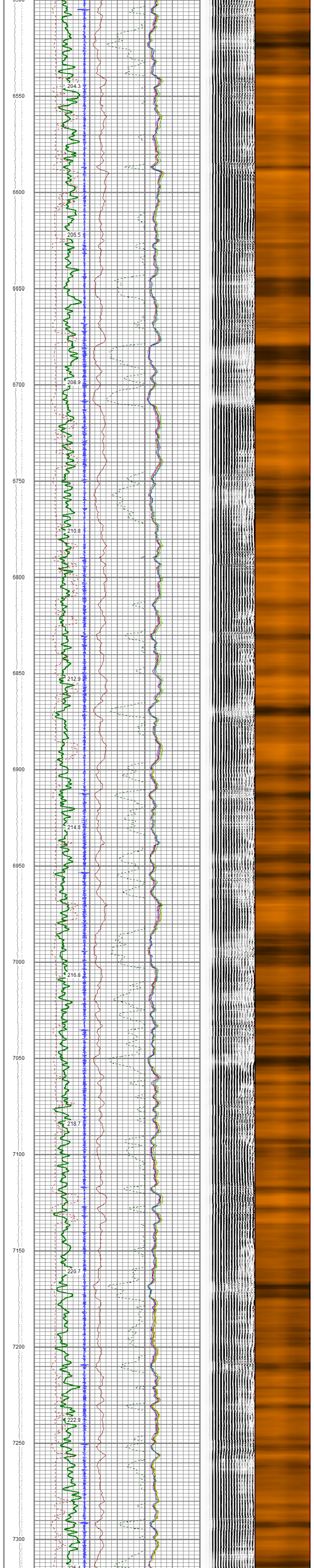
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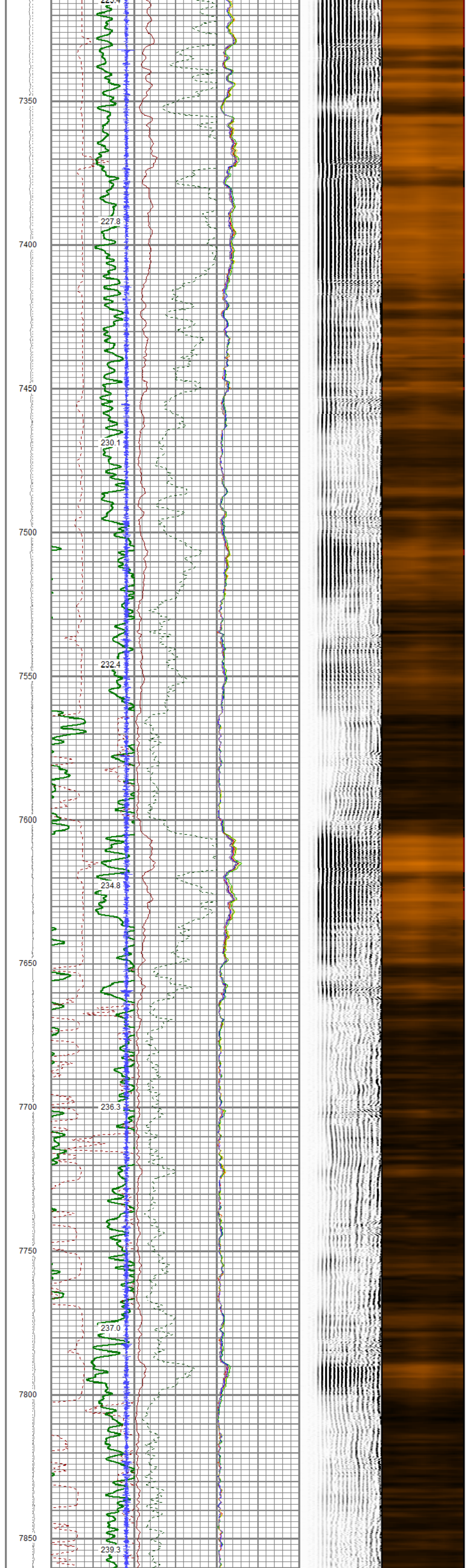
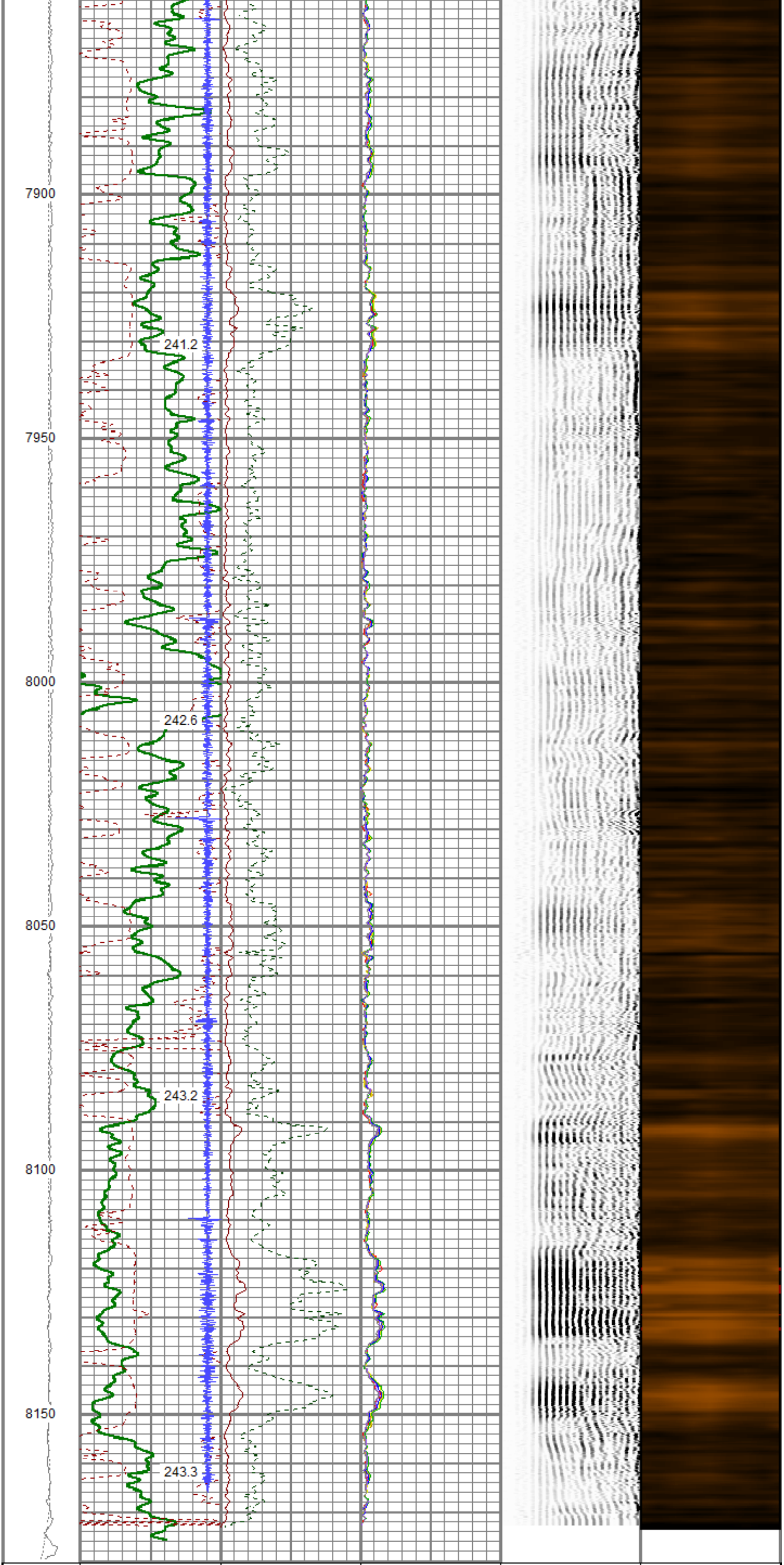
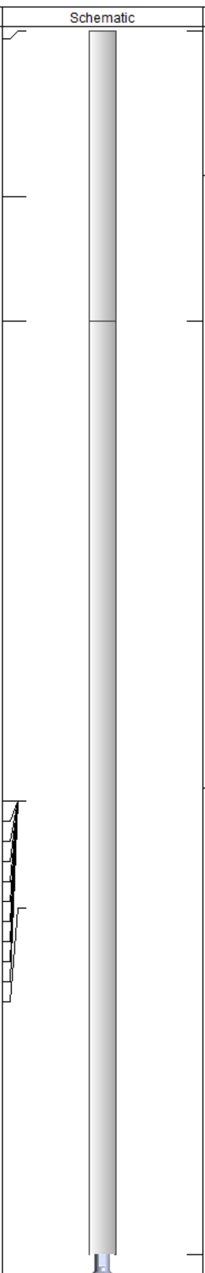




LTEN	Gamma Ray	3' Amplitude	AMPS	WVF5FT	SECTORS
0 (lb1000	0 (GAPI) 150	0 (mV) 100	0 AMPS1 150	200 (usec) 1200	1 SECTORS 8
LSPD	350 TT3FT (usec) 250	3 'Amplified Amplitude	0 AMPS2 150		
(ft/min)	CCL	0 (mV) 20	0 AMPS3 150		
500 -500	GCT_Temp		0 AMPS4 150		
	(degF)		0 AMPS5 150		
			0 AMPS6 150		
			0 AMPS7 150		
			0 AMPS8 150		

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
Error_Ct	15.53					
CCL	13.98		CCL-CC275-0100 (CC275-0100_base) Probe 6 MAGNET CCL	2.72	2.75	30.00
RadiiHeadVolt	12.81					
WVFS8	8.31		RBT-Probe275C (2.75C_base) 2.75" Radial Bond Tool	8.75	2.75	90.00
WVFS7	8.31					
WVFS6	8.31					
WVFS5	8.31					
WVFS4	8.31					
WVFS3	8.31					
WVFS2	8.31					
WVFS1	8.31					
WVFCAL	8.31					
WVF3FT	8.31					
WVF5FT	7.31					

GCT_Temp	3.26		GC-GCT275-00SA (GCT275-00SA_base) Probe 2.75" Gamma Ray w/ Temp	4.06	2.75	46.00
GR	2.39					

Dataset:	pdc_bostfarm_38c_8_I_rcbl_06072022.db: field/well/run1/main.1
Total length:	15.53 ft
Total weight:	166.00 lb
O.D.:	2.75 in

Calibration Report

Database File	c:\programdata\warrior\data\bost farm\pdc_bostfarm_38c_8_I_rcbl_06072022.db
Dataset Pathname	main.1
Dataset Creation	Tue Jun 07 18:06:54 2022

Gamma Ray Calibration Report

Serial Number:	GCT275-00SA_base	
Tool Model:	GCT275-00SA	
Performed:	Wed Jun 1 12:46:54 2022	
Calibrator Value:	200.0	GAPI
Background Reading:	43.9	cps
Calibrator Reading:	269.0	cps
Sensitivity:	0.8885	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	2.75C_base	
Tool Model:	Probe275C	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	50.692	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	-0.001	0.539	0.500	71.921	132.054	0.691
CAL	0.001	0.729				
5'	-0.007	0.543	0.500	71.921	129.638	1.471
SUM						
S1	-0.003	0.543	0.000	100.000	183.094	0.556
S2	-0.001	0.545	0.000	100.000	183.313	0.096
S3	0.000	0.543	0.000	100.000	184.358	-0.053
S4	0.001	0.557	0.000	100.000	179.896	-0.131
S5	-0.000	0.571	0.000	100.000	174.929	0.068
S6	-0.001	0.608	0.000	100.000	164.171	0.223
S7	-0.003	0.612	0.000	100.000	162.636	0.502
S8	0.000	0.592	0.000	100.000	169.081	-0.068

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.001	0.729	1.000	0.000

Air Zero Calibration, performed Tue Jun 7 06:53:36 2022:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.001	0.000	-0.000
5'	0.002	0.000	-0.002
SUM			
S1	0.012	0.000	0.000
S2	0.003	0.000	-0.000
S3	0.001	0.000	0.001
S4	0.001	0.000	0.002
S5	0.001	0.000	0.001
S6	0.002	0.000	0.001
S7	0.002	0.000	0.003
S8	0.002	0.000	0.003