

Company: Caerus Operating LLC

Well: Puckett 13D-26-697

Field: Grand Valley

County: Garfield State: Colorado

Cement Bond Log

RST Sigma Log

Gamma Ray - Collar Locator Log

County: Garfield
Field: Grand Valley
Location: Mesa F 26
Well: Puckett 13D-26-697
Company: Caerus Operating LLC

Location:	Mesa F 26	Elev.:	K.B.	8352.00 ft
			G.L.	8322.00 ft
			D.F.	8352.00 ft
Permanent Datum:		Ground Level	Elev.:	8322.00 f
Log Measured From:		Kelly Bushing	30.00 ft	above Perm.Datum
Drilling Measured From:		Kelly Bushing		
API Serial No.	Section:	26	Township:	Range:
05045234180000			6S	97W

Logging Date 19-May-2018

Run Number One

Depth Driller 8847.00 ft

Schlumberger Depth 8872.00 ft

Bottom Log Interval 8872.00 ft

Top Log Interval 2300.00 ft

Casing Fluid Type 2% KCL Water

Salinity

Density 8.49 lbm/gal

Fluid Level 8.00 ft

BIT/CASING/TUBING STRING

Bit Size 8.75 in

From 2548.00 ft

To 8847.00 ft

Casing/Tubing Size 4.5 in

Weight 11.6 lbm/ft

Grade P110

From 0.00 ft

To 8847.00 ft

Max Recorded Temperatures 229.72 degF

Logger on Bottom 19-May-2018

Unit Number 3046

Recorded By Mauricio Castaneda

Witnessed By Ryan Tompkins

Disclaimer

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

Contents

- Header
- Disclaimer
- Contents
- Well Sketch
- Borehole Size/Casing/Tubing Record
- Remarks and Equipment Summary
- Depth Summary
- One CBL-VDL Main Pass
 - Integration Summary
 - Software Version
 - Composite Summary
 - Log (SCMT Main)
 - Parameter Listing
- One CBL-VDL Repeat Pass
 - Integration Summary
 - Software Version
 - Composite Summary

- Parameter Listing
- One RST Main pass
 - Integration Summary
 - Software Version
 - Composite Summary
 - Log (RST Sigma Main)
 - Parameter Listing
- One RST Repeat Pass
 - Integration Summary
 - Software Version
 - Composite Summary
 - Log (RST Sigma Repeat)
 - Parameter Listing
- Tail

9.4 Log (SCMT Repeat)

9.5 Parameter Listing

10. One CBL-VDL Free Pipe Pass

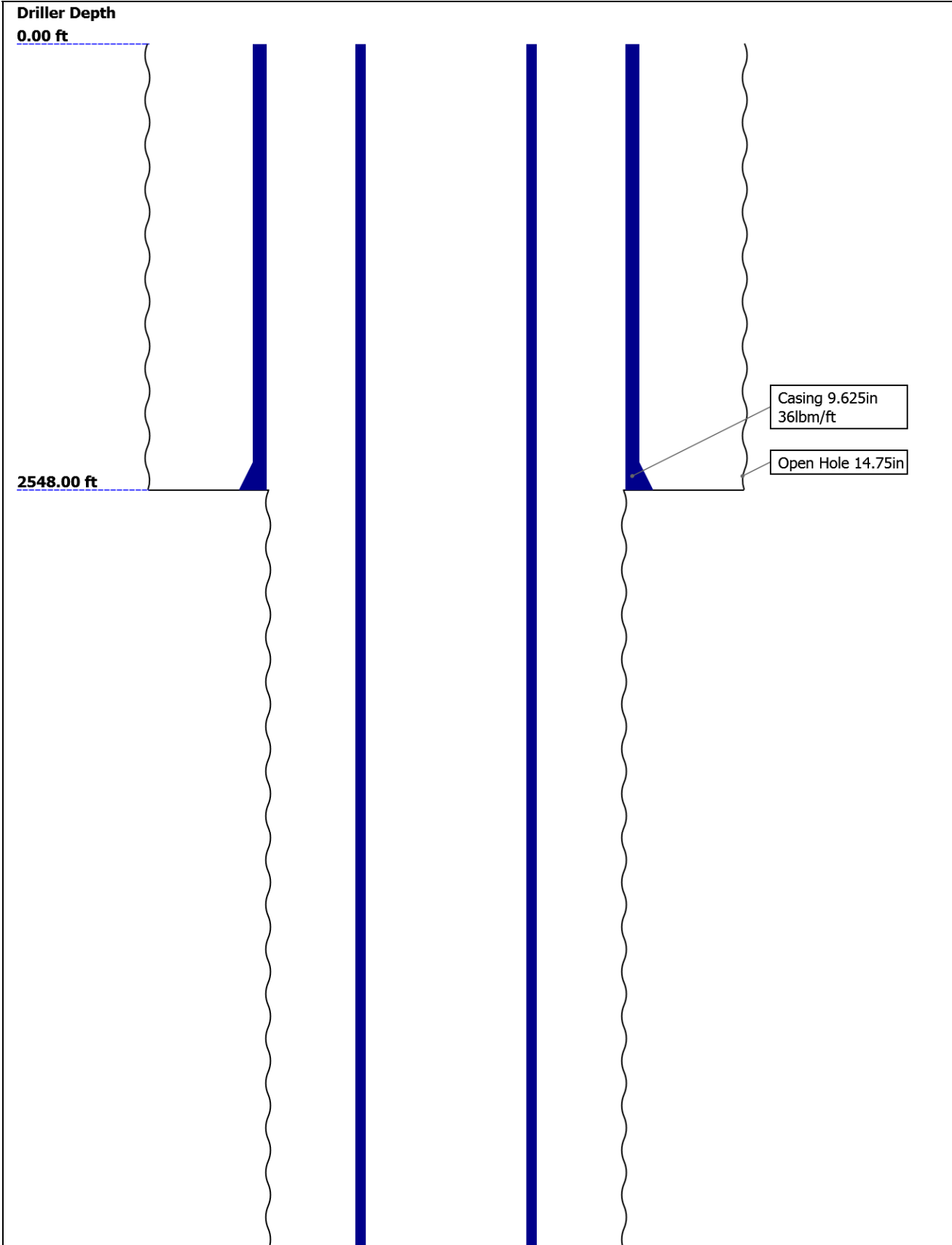
10.1 Integration Summary

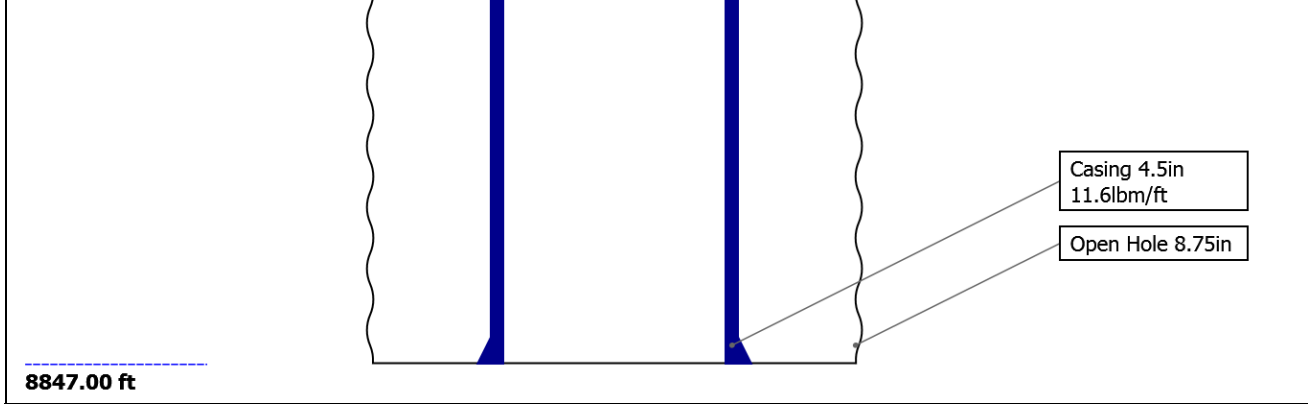
10.2 Software Version

10.3 Composite Summary

10.4 Log (SCMT Free pipe)

Well Sketch



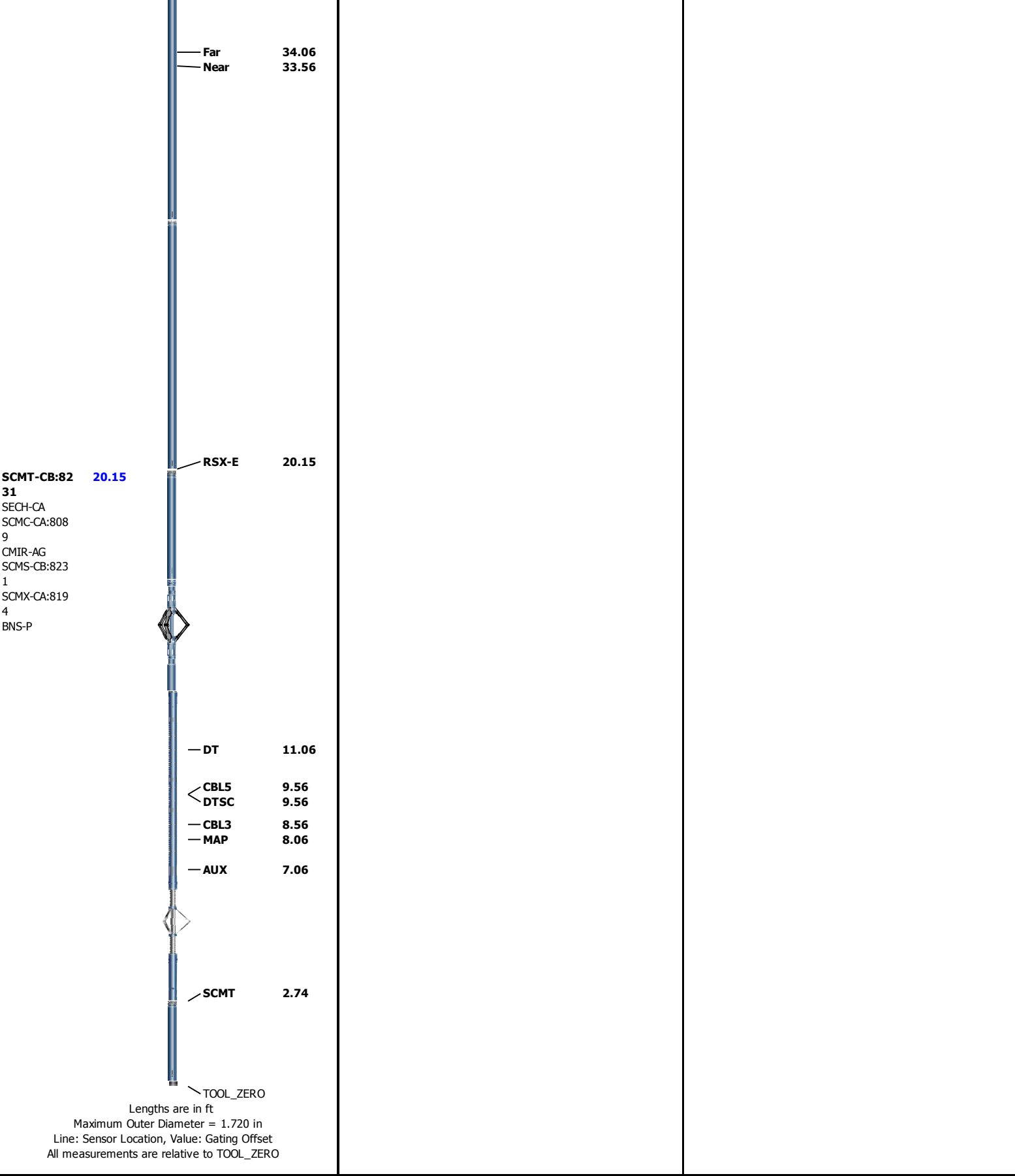


Borehole Size/Casing/Tubing Record

Bit						
Bit Size (in)	14.75	8.75				
Top Driller (ft)	0	2548				
Top Logger (ft)	0	2548				
Bottom Driller (ft)	2548	8847				
Bottom Logger (ft)	2548	8847				
Casing						
Size (in)	9.625	4.5				
Weight (lbm/ft)	36	11.6				
Inner Diameter (in)	8.921	4				
Grade	J55	P110				
Top Driller (ft)	0	0				
Top Logger (ft)	0	0				
Bottom Driller (ft)	2548	8847				
Bottom Logger (ft)	2548	8847				

Remarks and Equipment Summary

One: Toolstring				One: Remarks
Equip name	Length	MP name	Offset	Tool Ran as per tool Sketch
PEH-EFA	54.08			3xGemcos used to enhance centralization
				Max temperature 229.72 F
AH-38	51.72			Schlumberger TD@8872 ft
PSTP-A:378	51.44			Additional tight spots at 875 and 1273 FT.
1				Thanks for choosing Schlumberger
PSC-A		GR	47.74	
PSTC-A		PSTC	47.44	
PBMS-A:3781		PSTC Tool String Bottom	0.00	
Sapphire 10kP SI		Temperature	44.65	
		Sapphire Pressure	44.54	
		CCL	43.92	
		PBMS	43.17	
RST-C:312	43.17			
RSCH-A:277				
RSC-E:295				
RSS-A:373				
MNTR-F:1258				
RSXH-A:309				
RSX-E:312				
		RSC-E	36.82	



Depth Summary			
		One	
Depth Measuring Device			
Type	IDW-B		
Serial Number	6459		
Calibration Date	22-Jan-2018		
Calibration Serial Number	22		

Calibrator Serial Number20

Calibration Cable Type1-25AXXS

Wheel Correction 1-5

Wheel Correction 2-2

Tension Device

TypeCMTD-B/A

Serial Number5036

Calibration Date03-May-2018

Calibrator Serial Number86479A

Number of Calibration Points10

Calibration Root Mean Square Error5

Calibration Peak Error3

Logging Cable

Type1-25ZA-XXS

Serial NumberF112140

Length15000.00 ft

Conveyance TypeWireline

Rig TypeRigless

One:Depth Control Parameters

Depth Control Remarks

Log SequenceFirst Log In the Well

Rig Up Length At Surface

Rig Up Length At Bottom

Rig Up Length Correction

Stretch Correction6.77 ft

Tool Zero Check At Surface30.00 ft

Schlumberger depth control procedures followed

IDW used as primary depth measurement

Z-chart used as secondary depth measurement

Log down used as reference pass for correlation

One

CBL-VDL Main Pass

Software Version

Acquisition SystemVersion

Maxwell 20188.0.95333.3100

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
One	Log[4]:Up	Up	1909.13 ft	8897.03 ft	19-May-2018 3:44:39 PM	19-May-2018 7:54:12 PM	ON	-0.46 ft	No

All depths are referenced to toolstring zero

Log

Company:Caerus Operating LLCWell:Puckett 13D-26-697

One: Log[4]:Up:S005

Description: SCMT Amplitudes and VDLFormat: Log (SCMT Main)Index Scale: 5 in per 100 ftIndex Unit: ftIndex Type: Measured DepthCreation Date: 19-May-2018 20:52:52

TIME_1900 - Time Marked every 60.00 (s)

Gamma Ray (GR) PSTP-A

0gAPI150

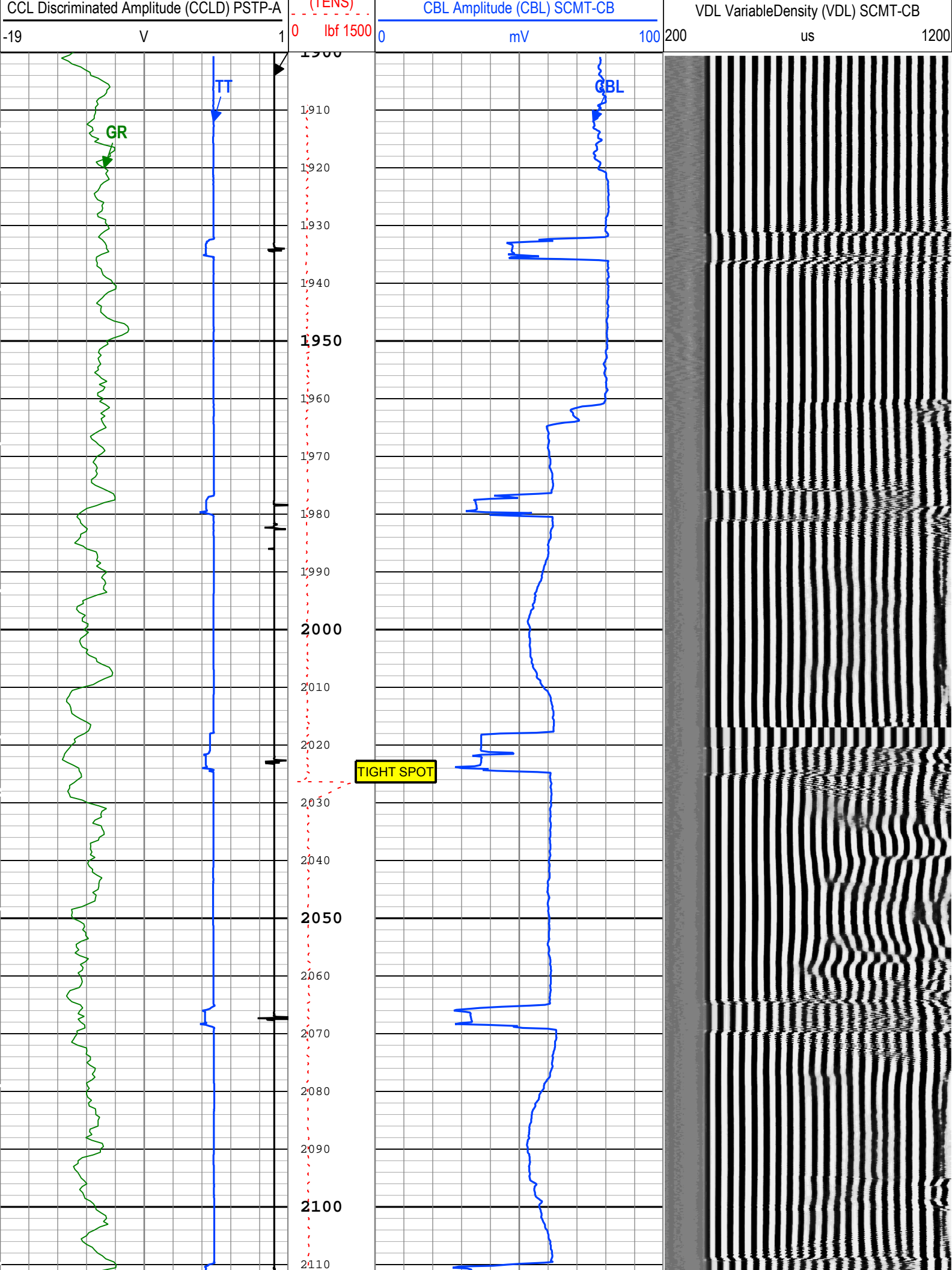
Transit Time for CBL (TT) SCMT-CB

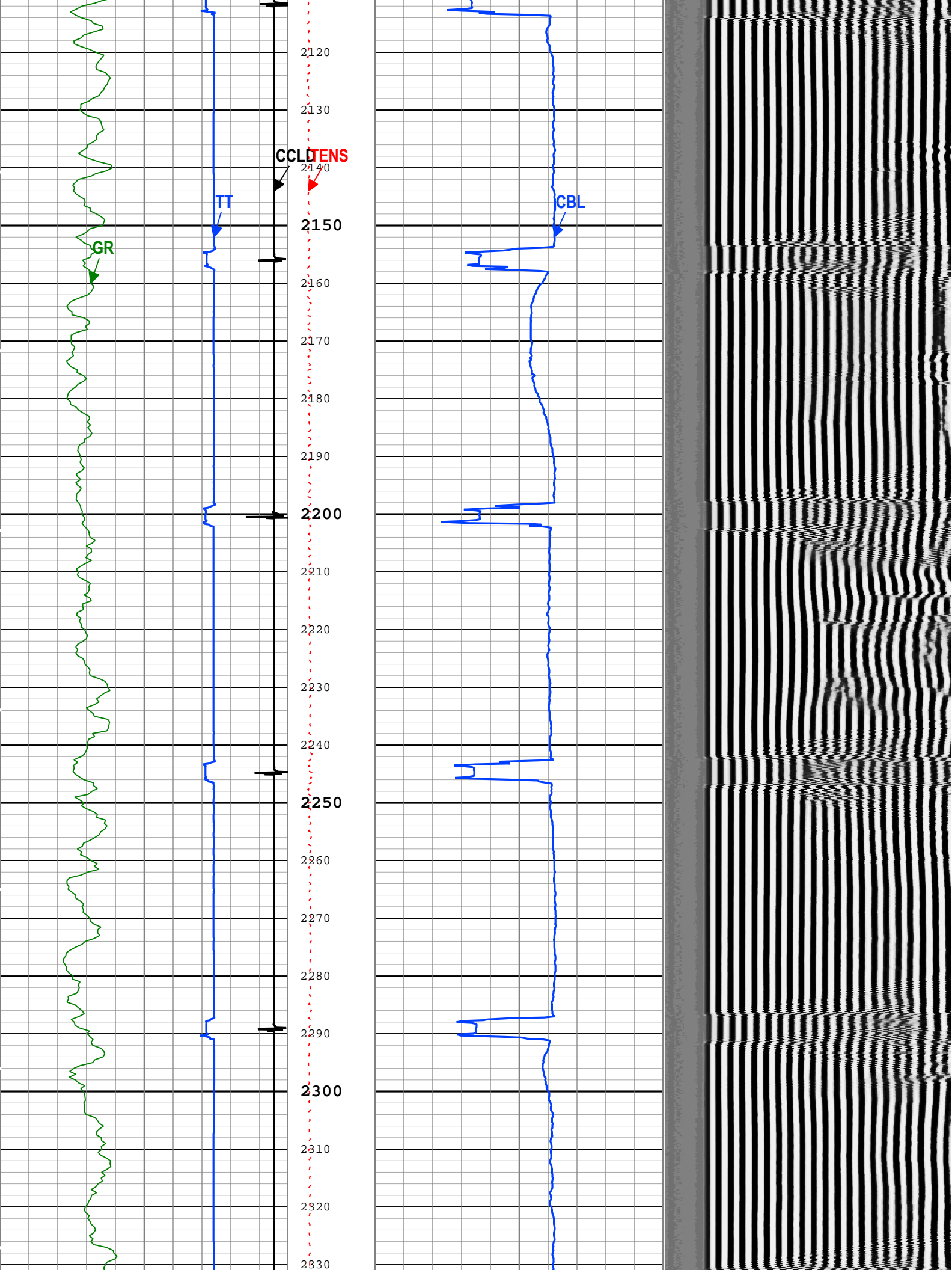
400us200

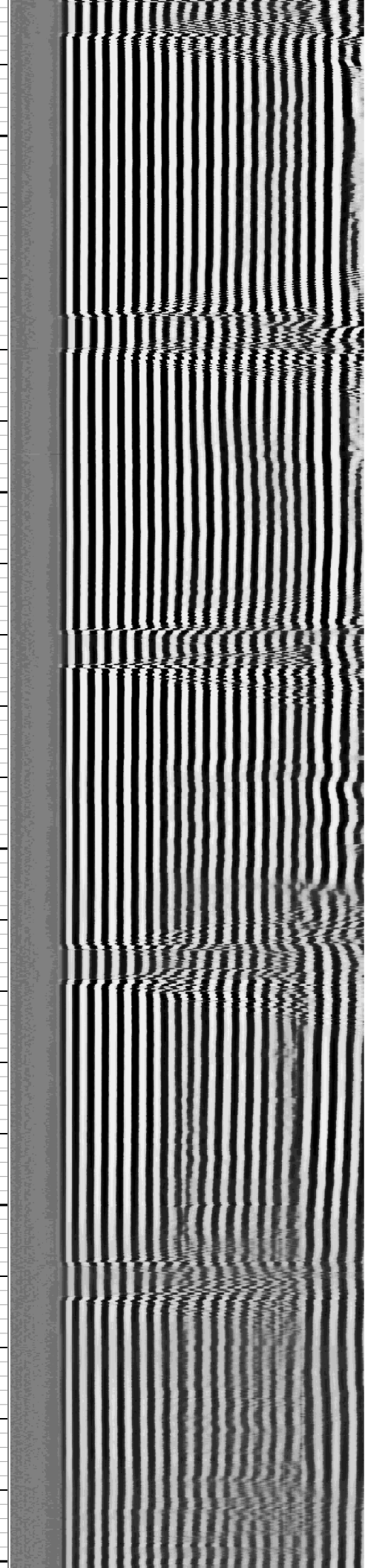
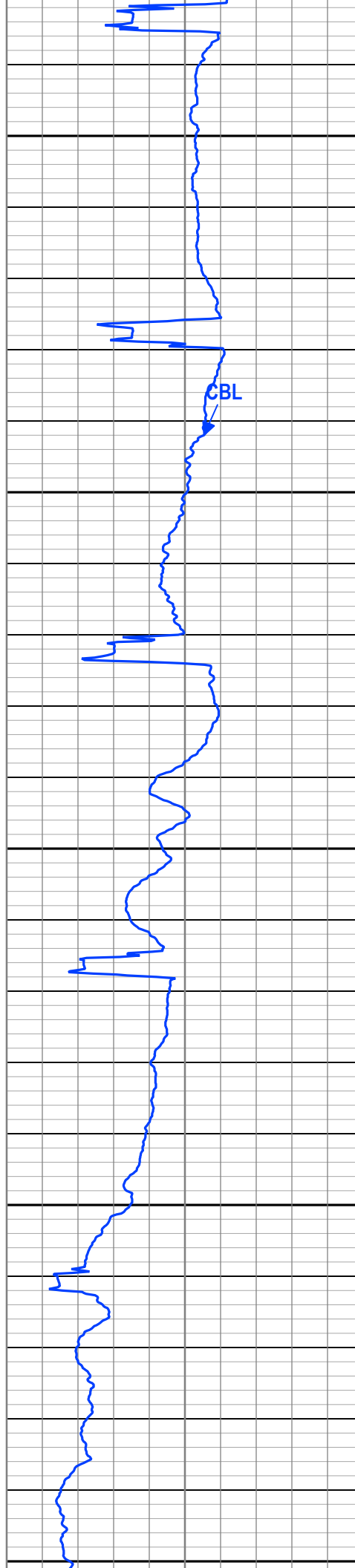
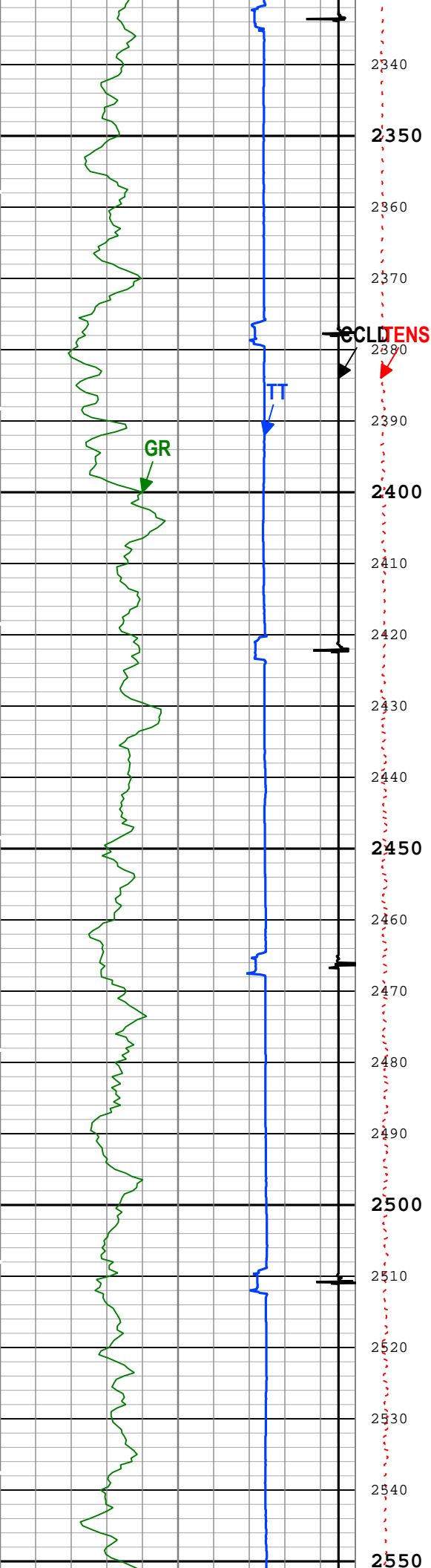
Cable Tension (TENS)

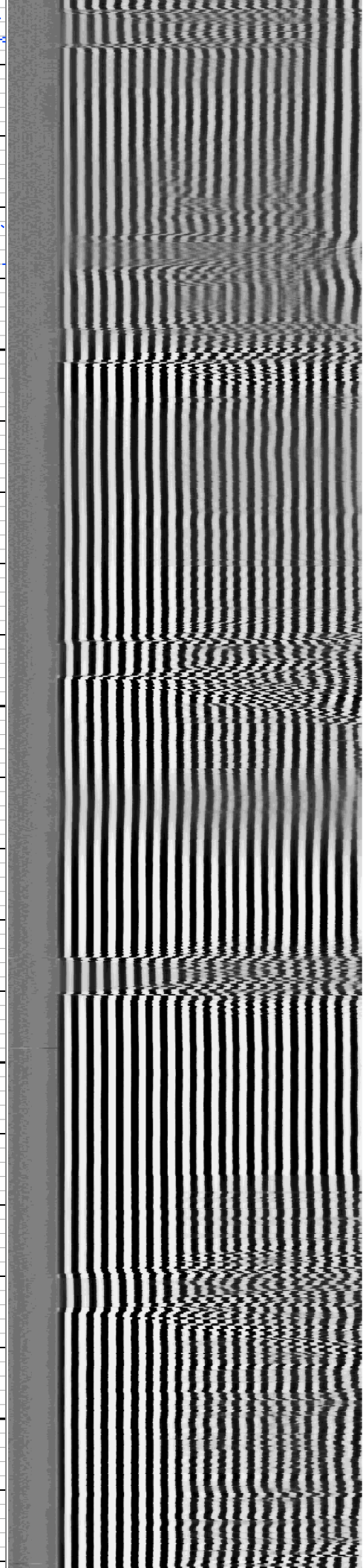
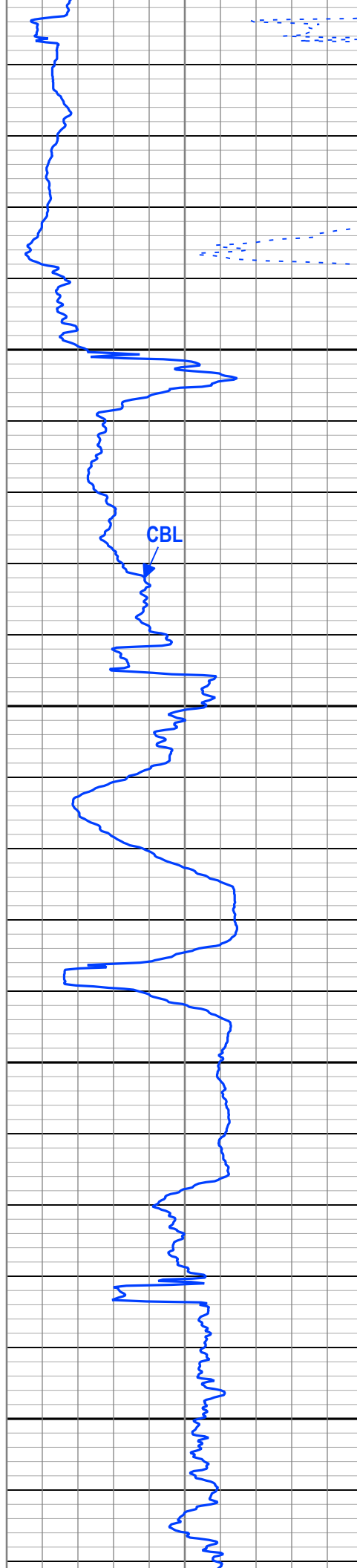
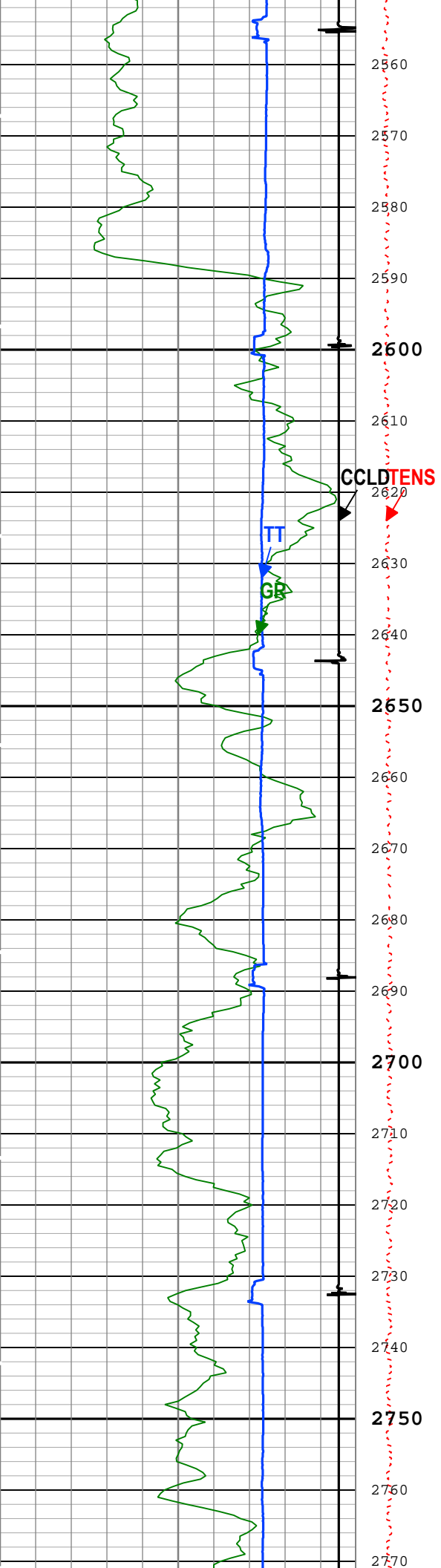
0mV10

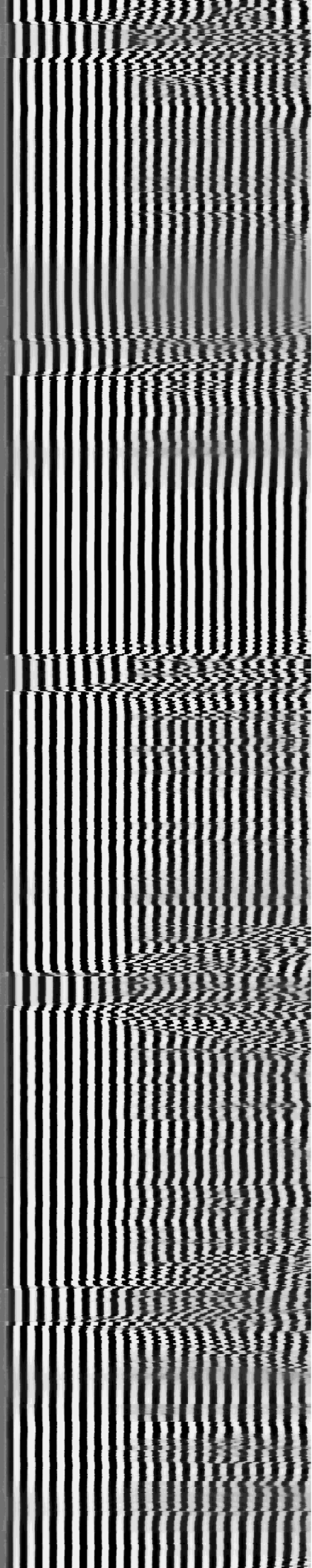
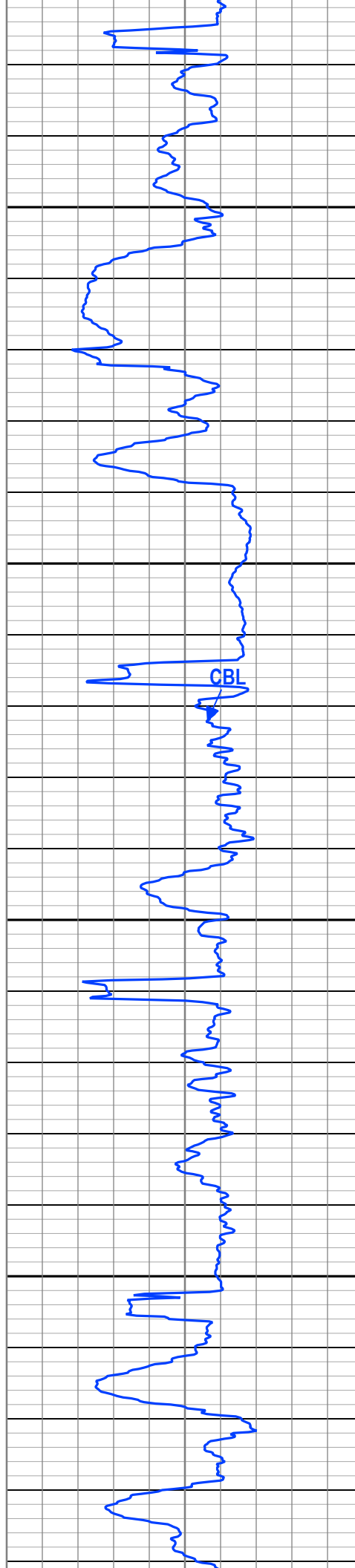
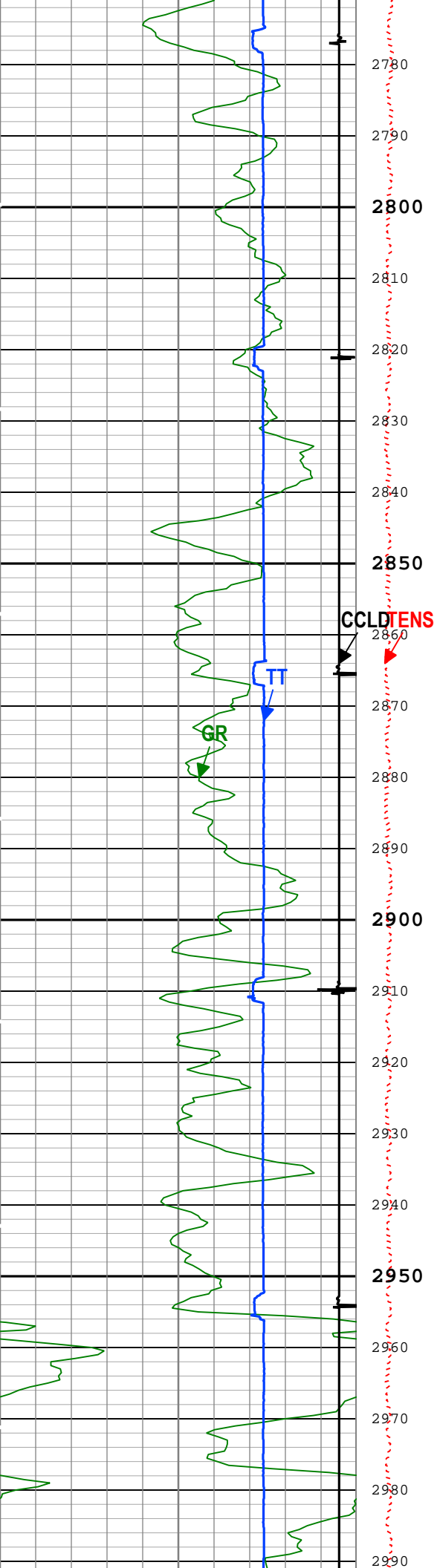
MinAmplitudeMax

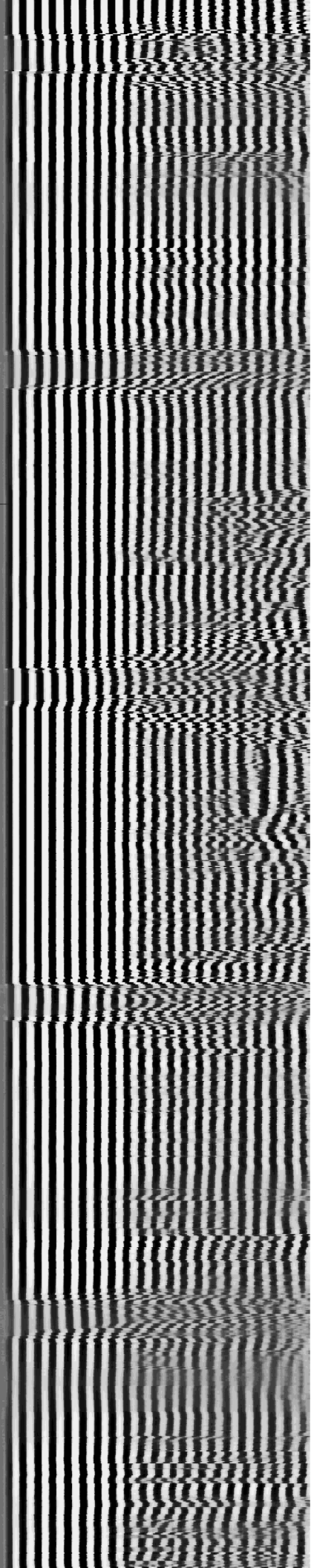
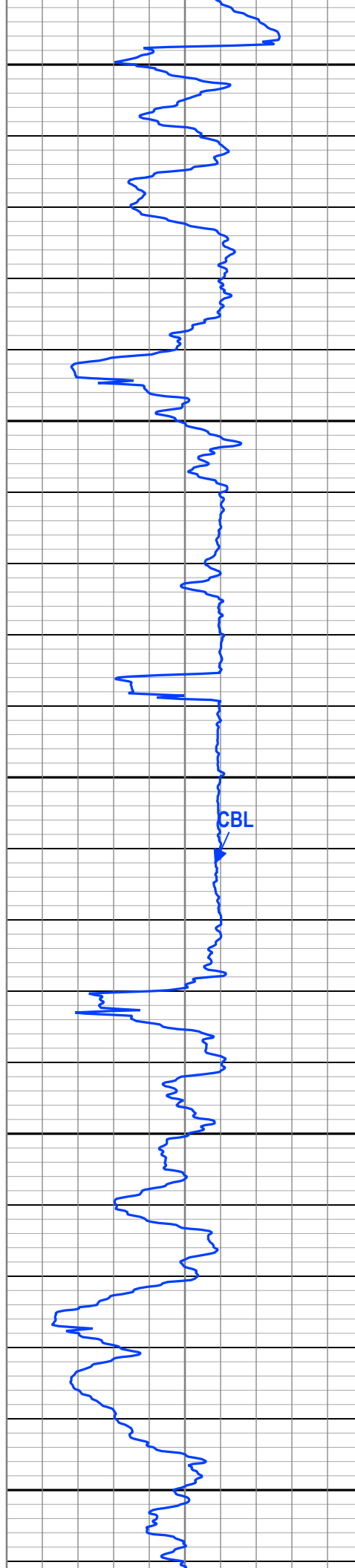
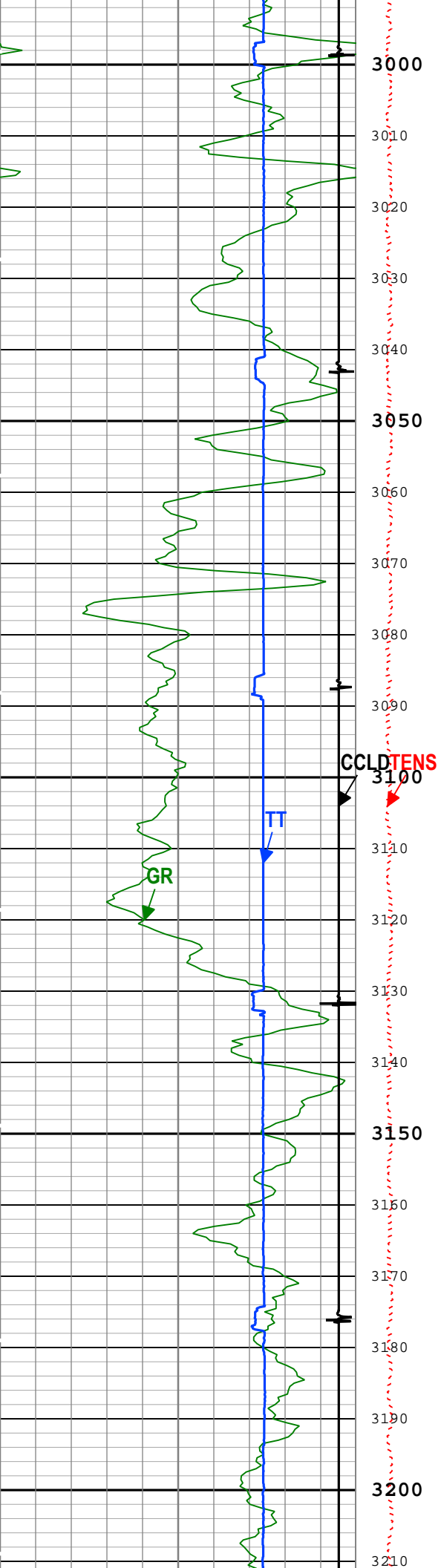


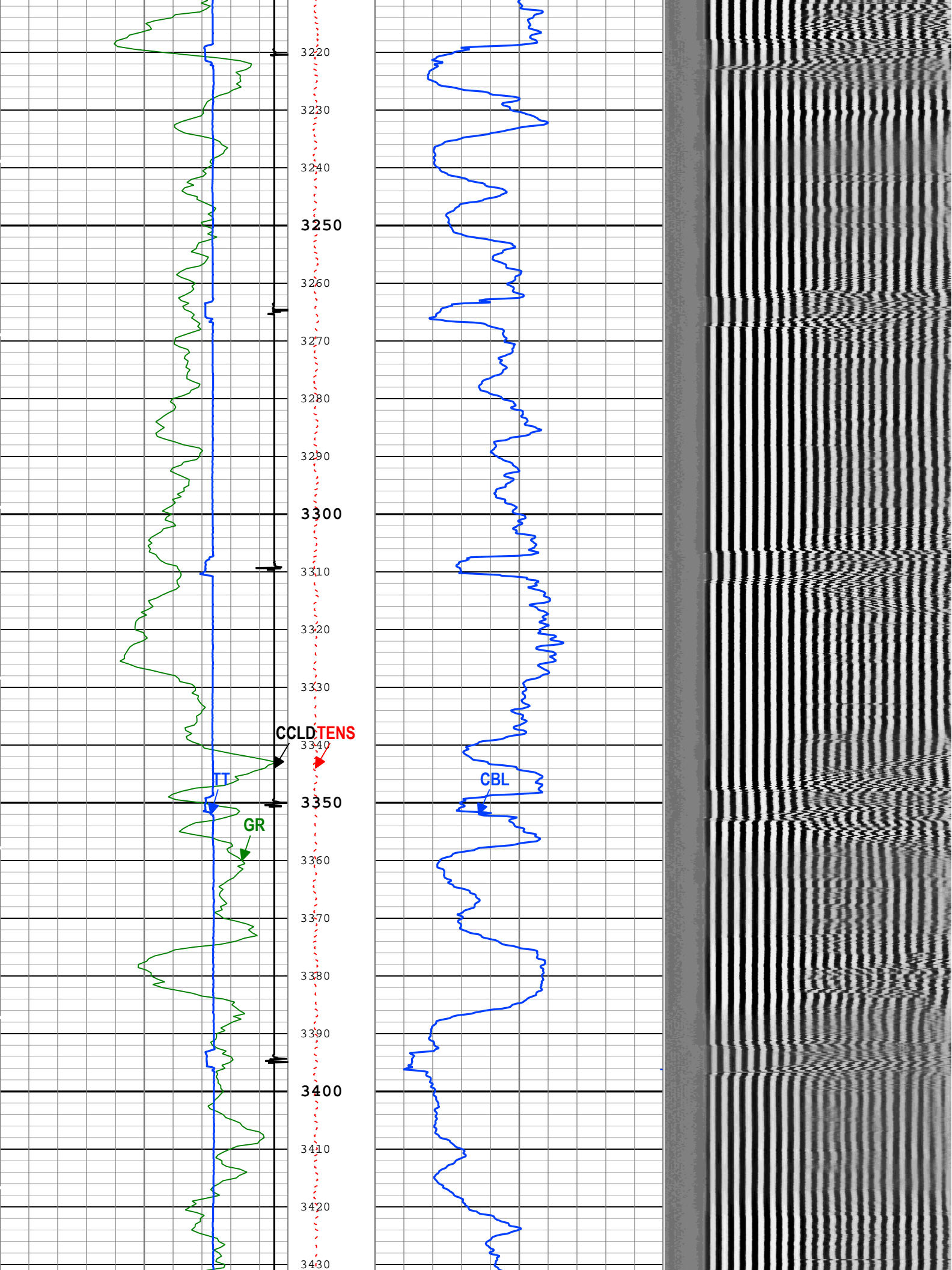


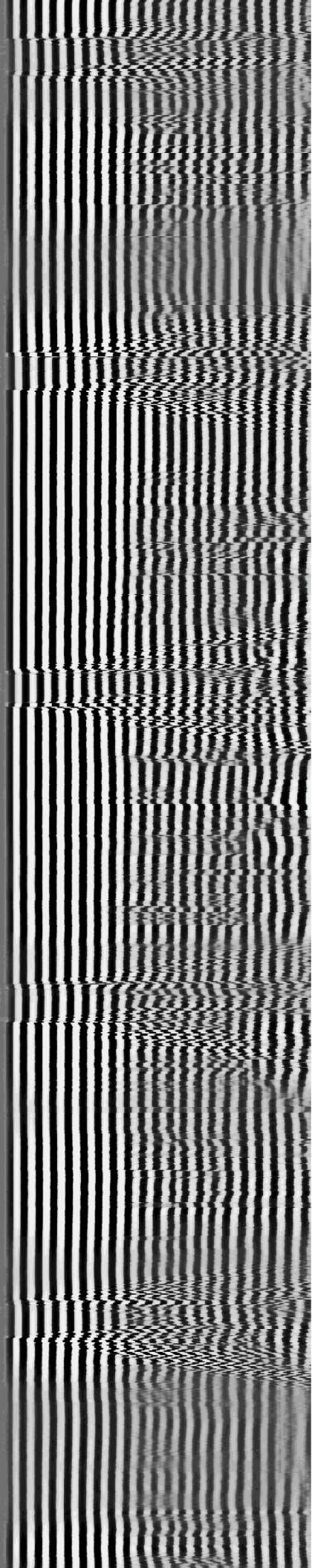
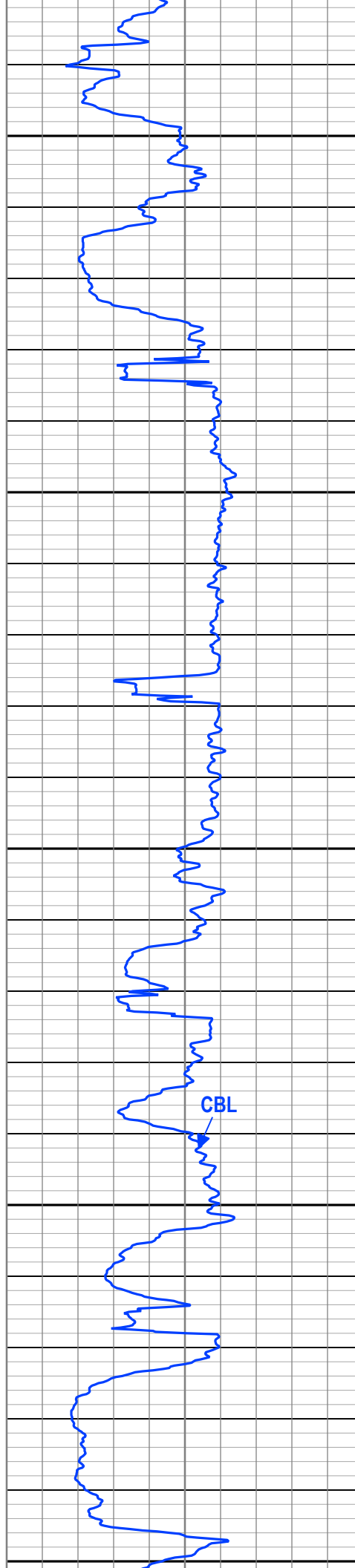
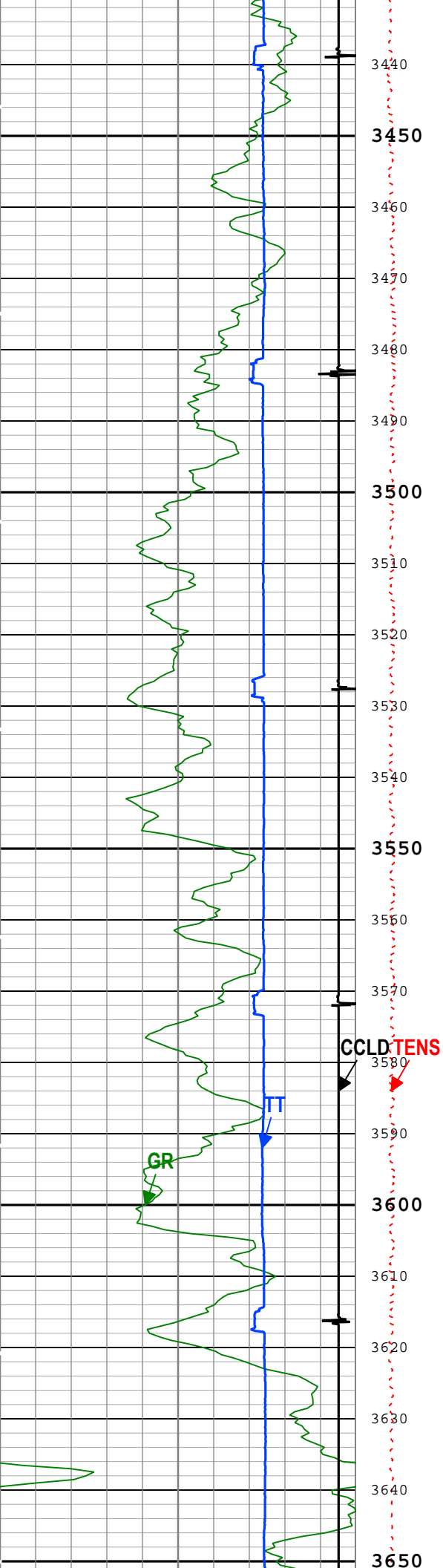


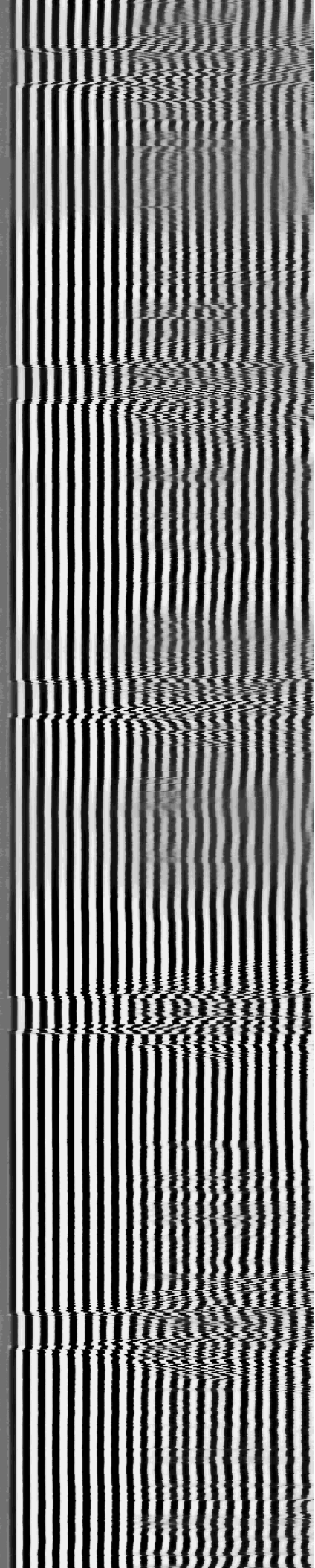
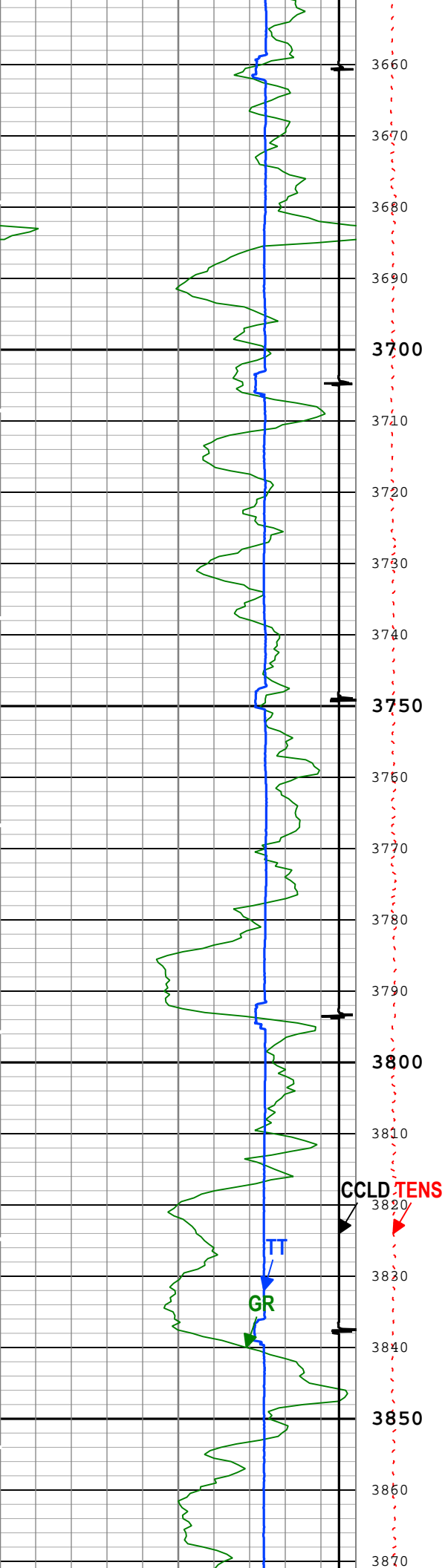


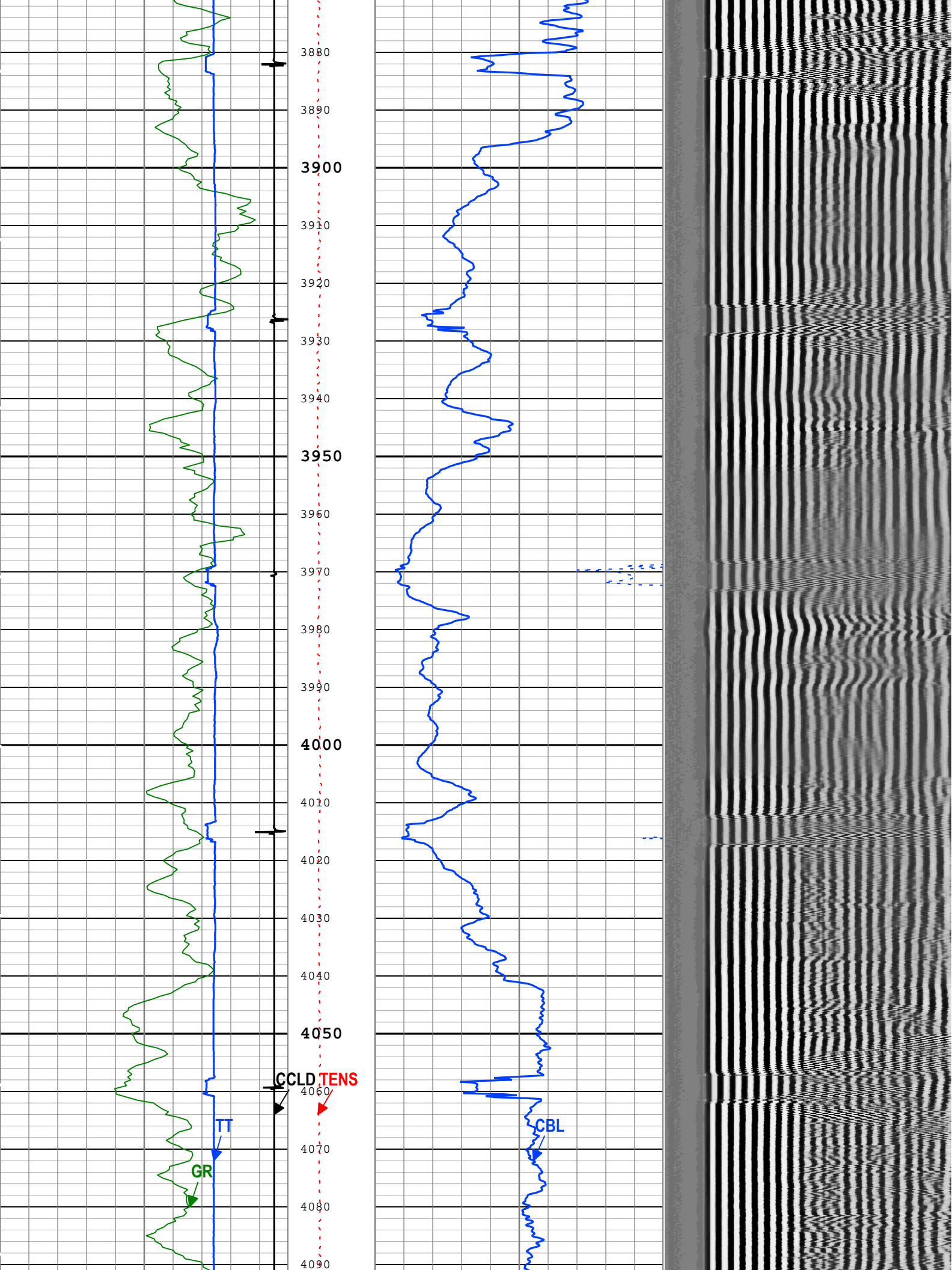


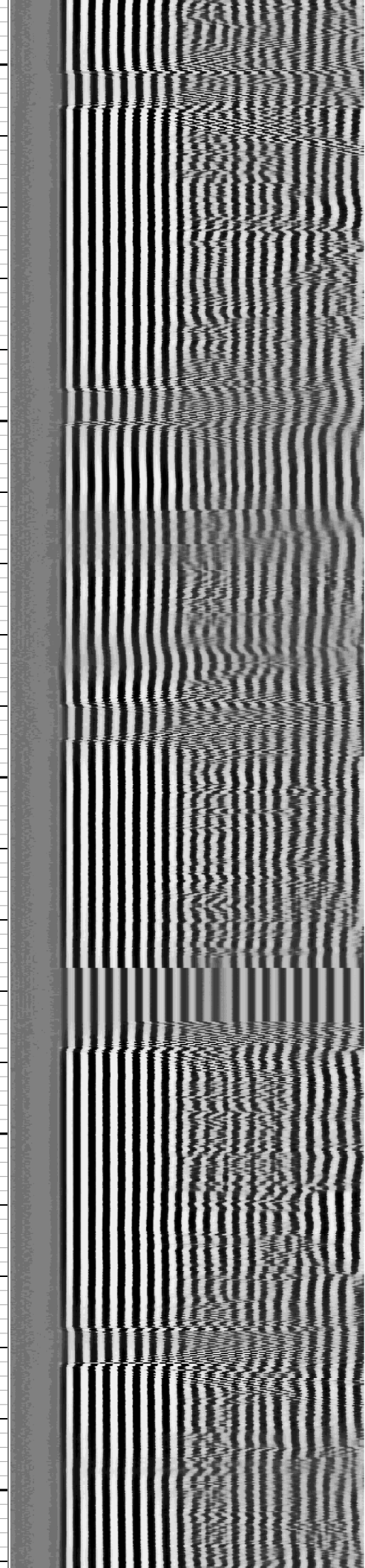
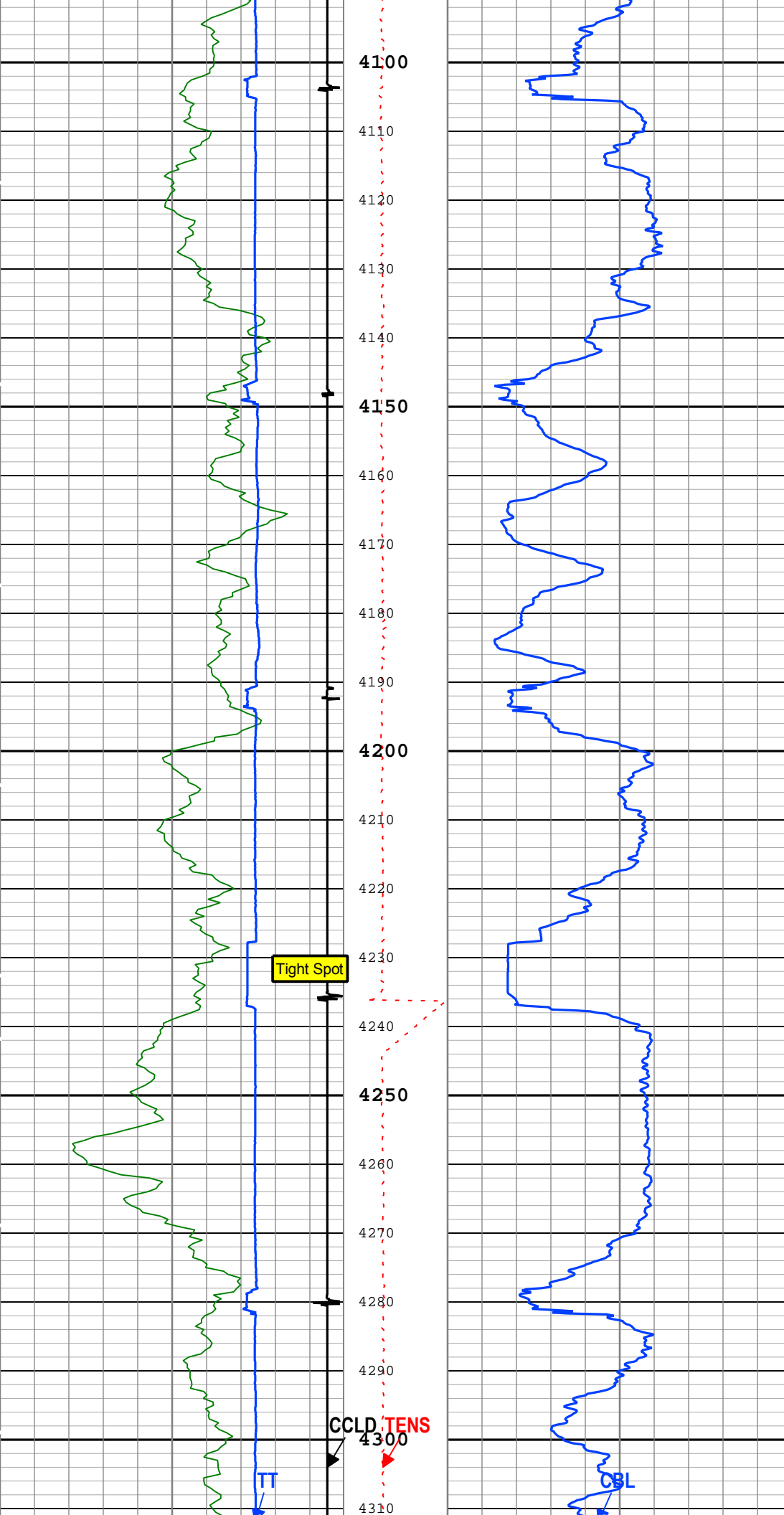


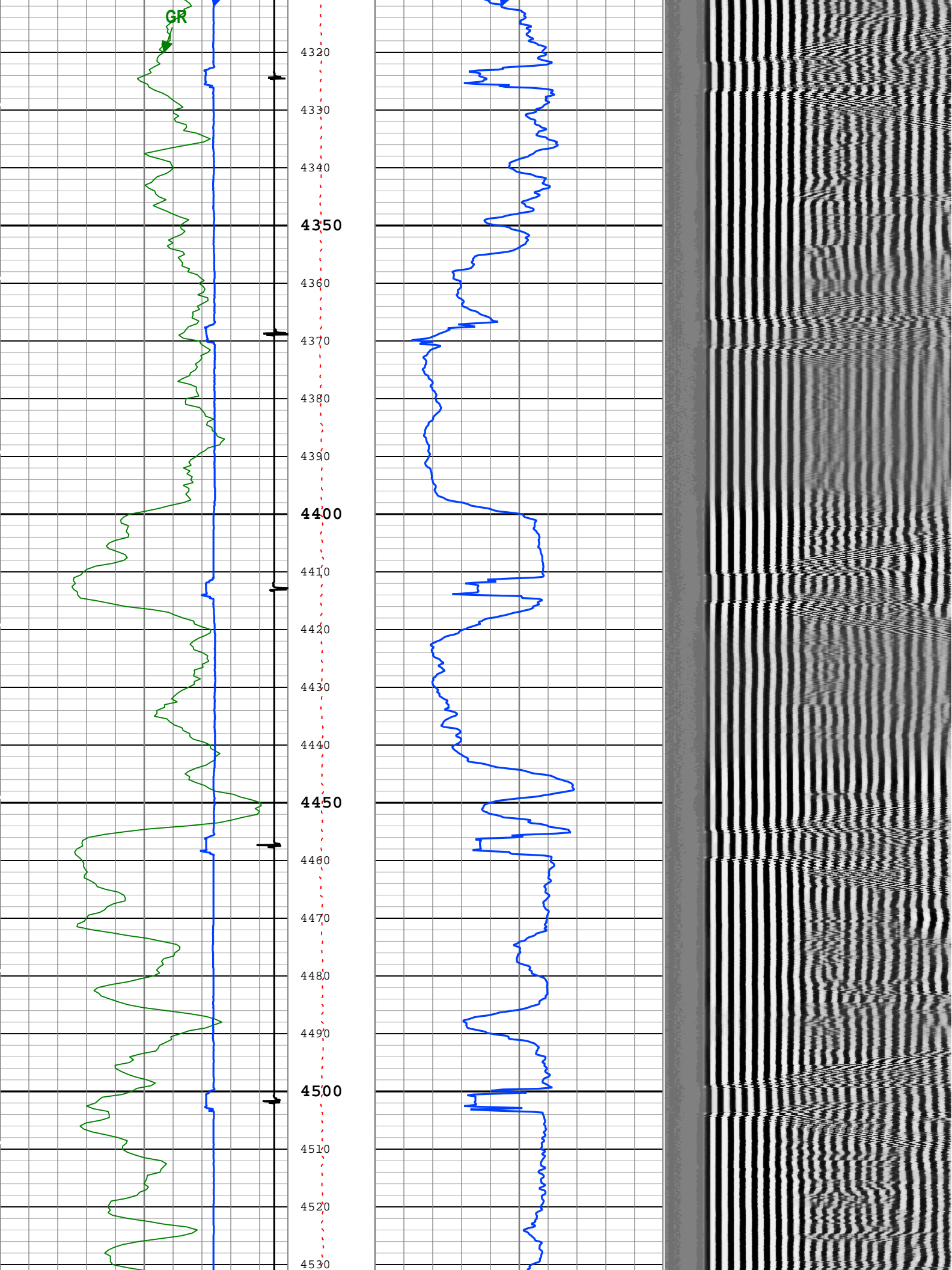


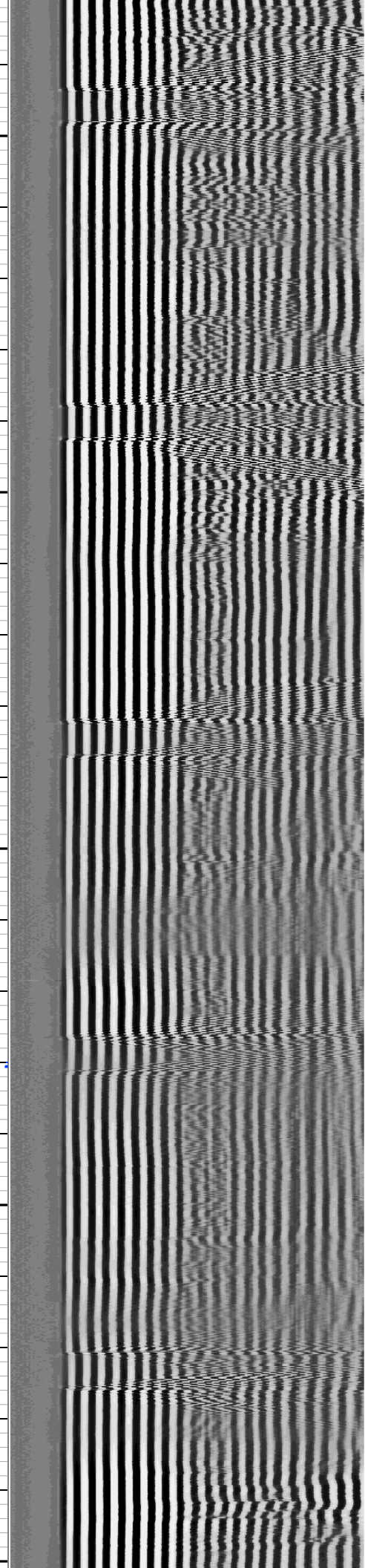
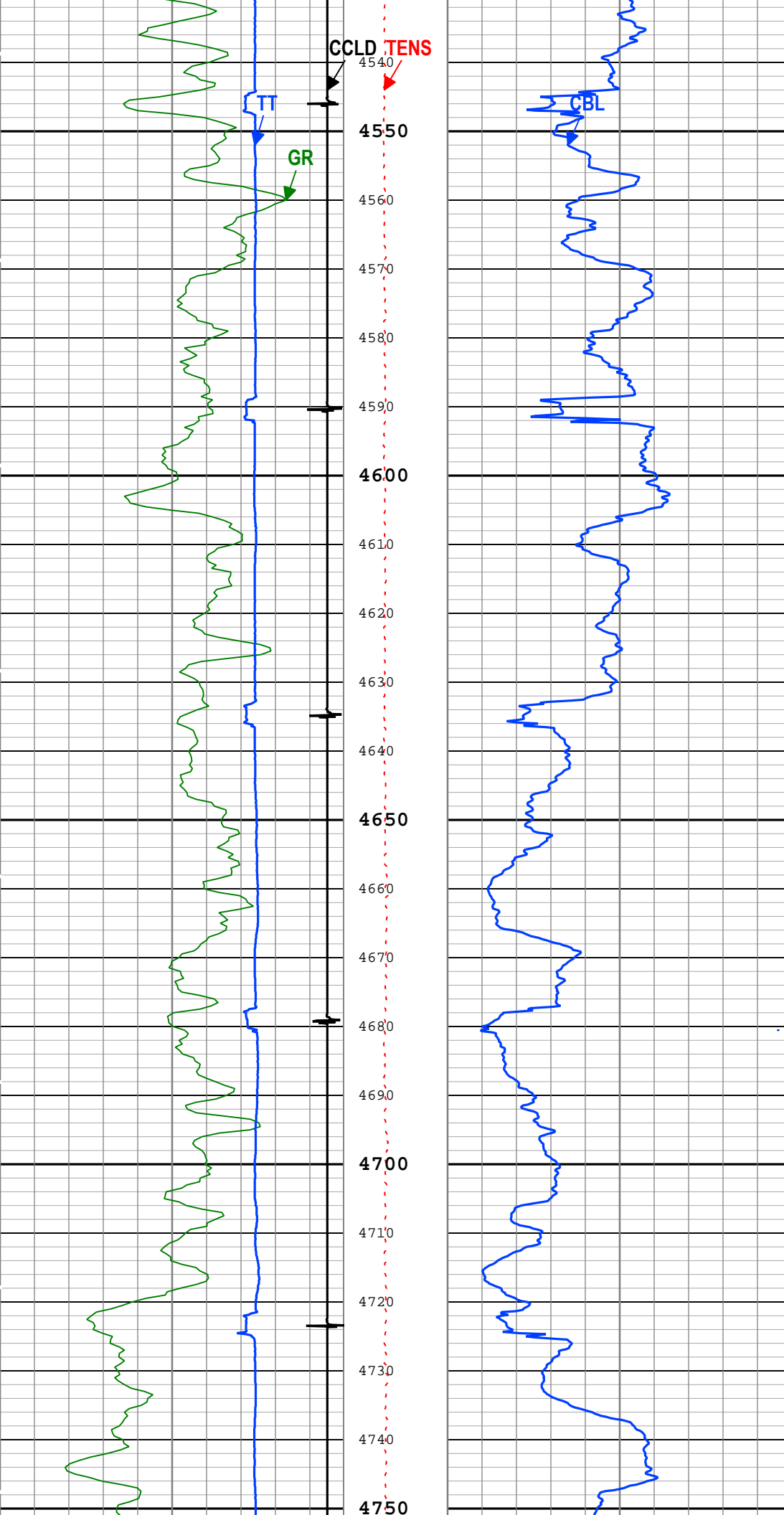


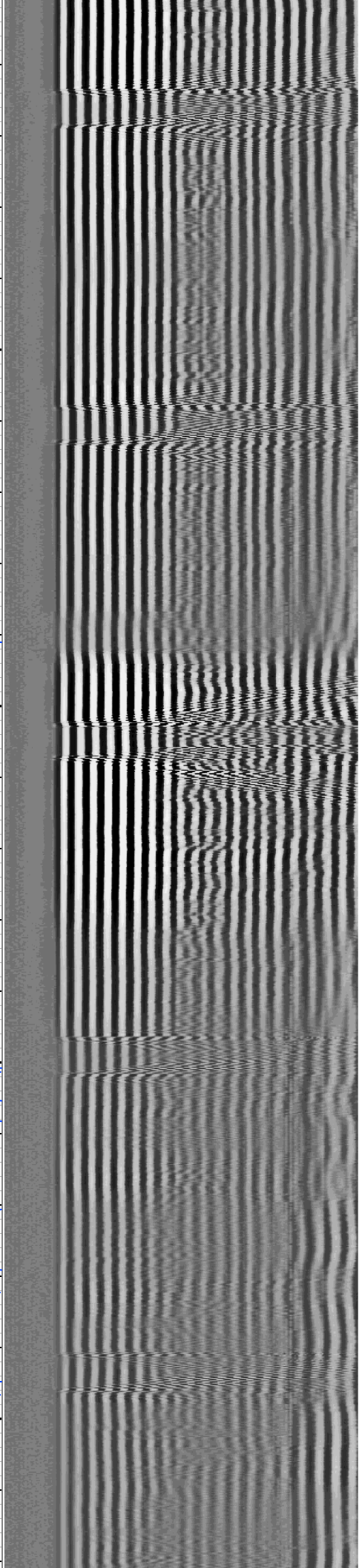
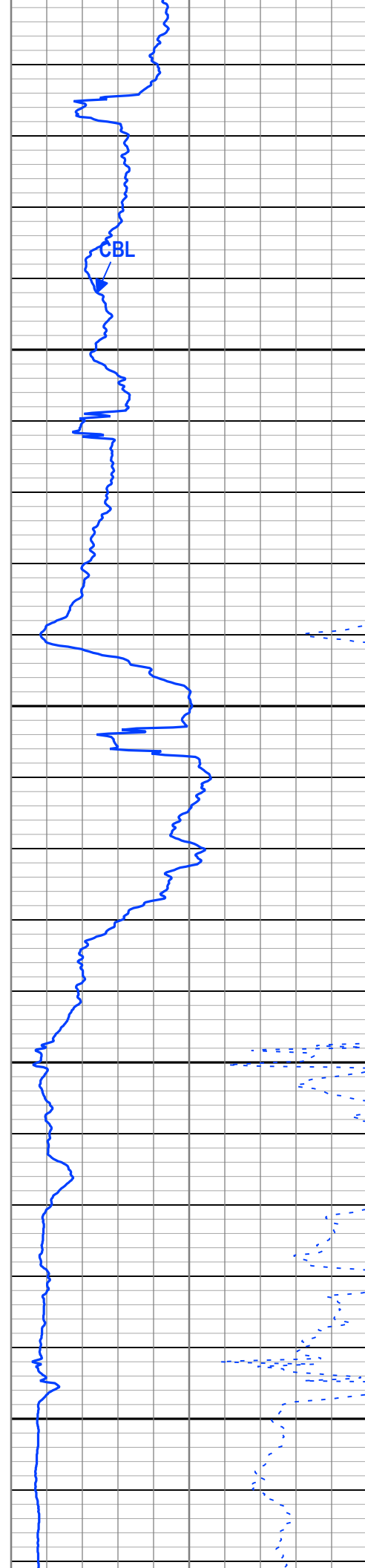
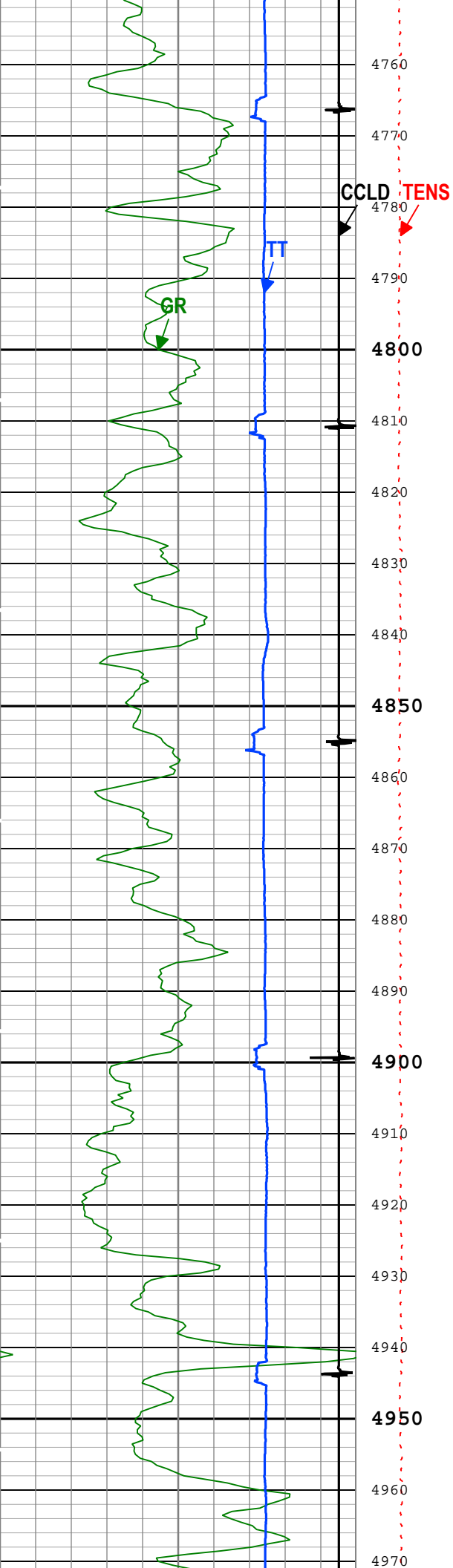


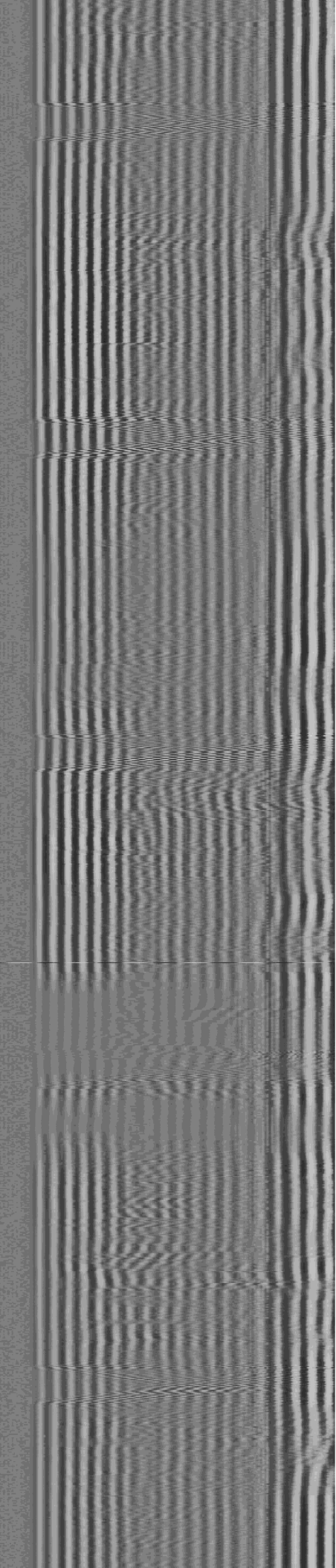
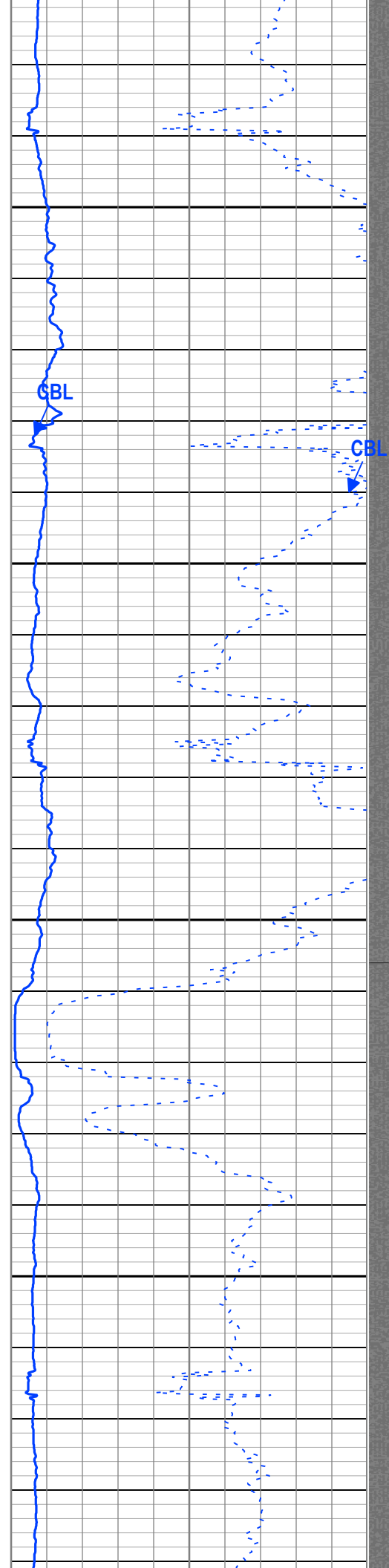
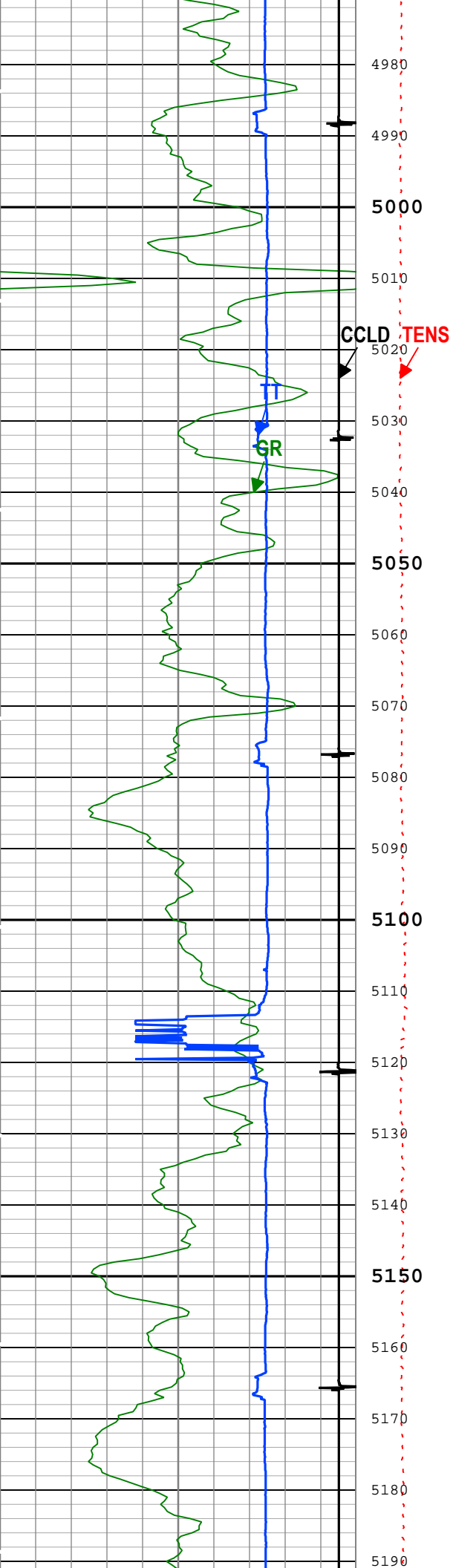


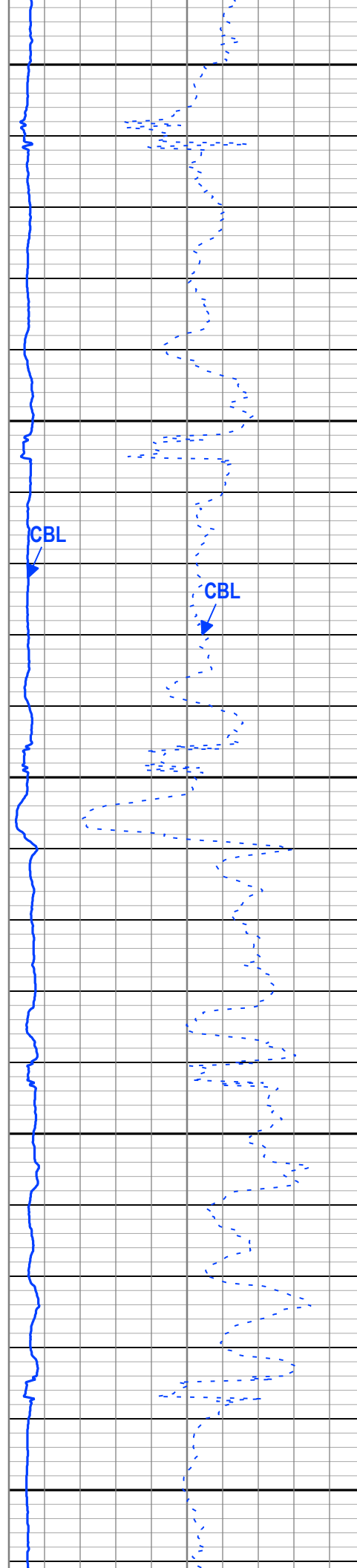
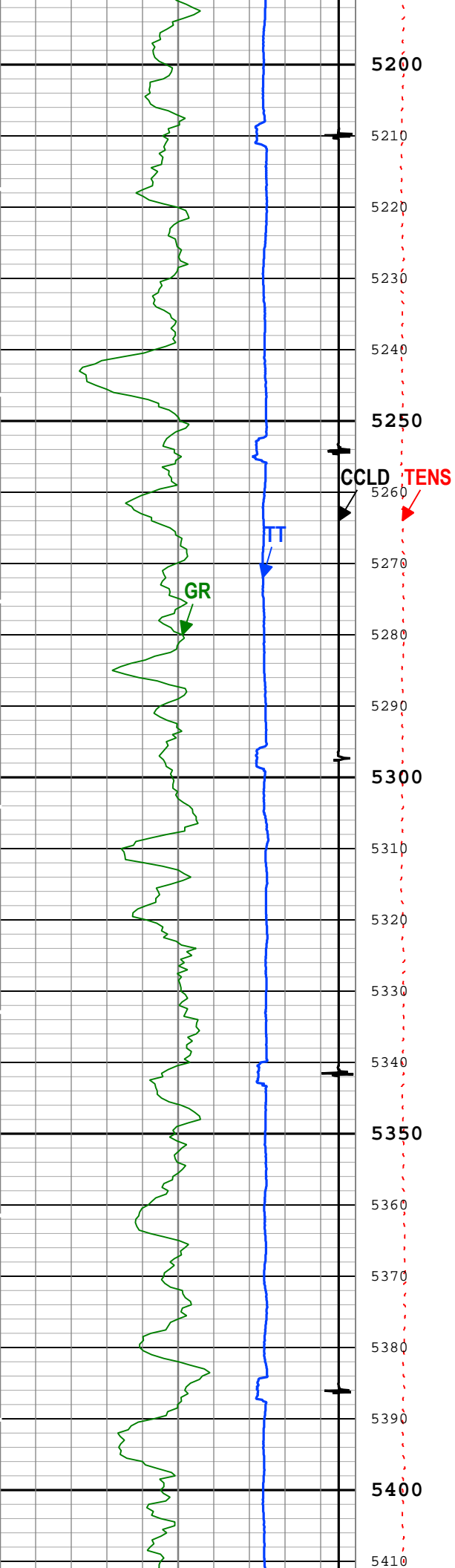


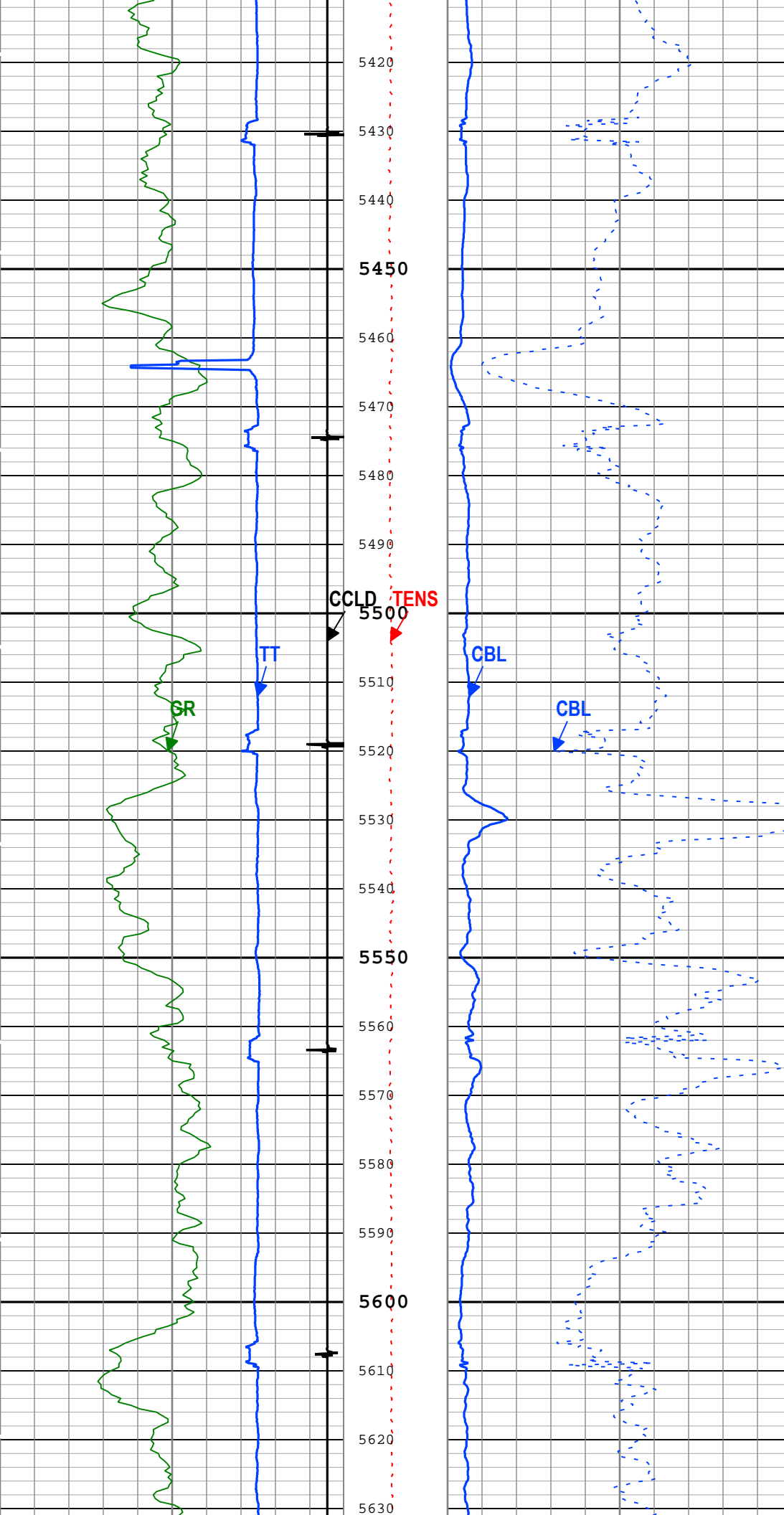


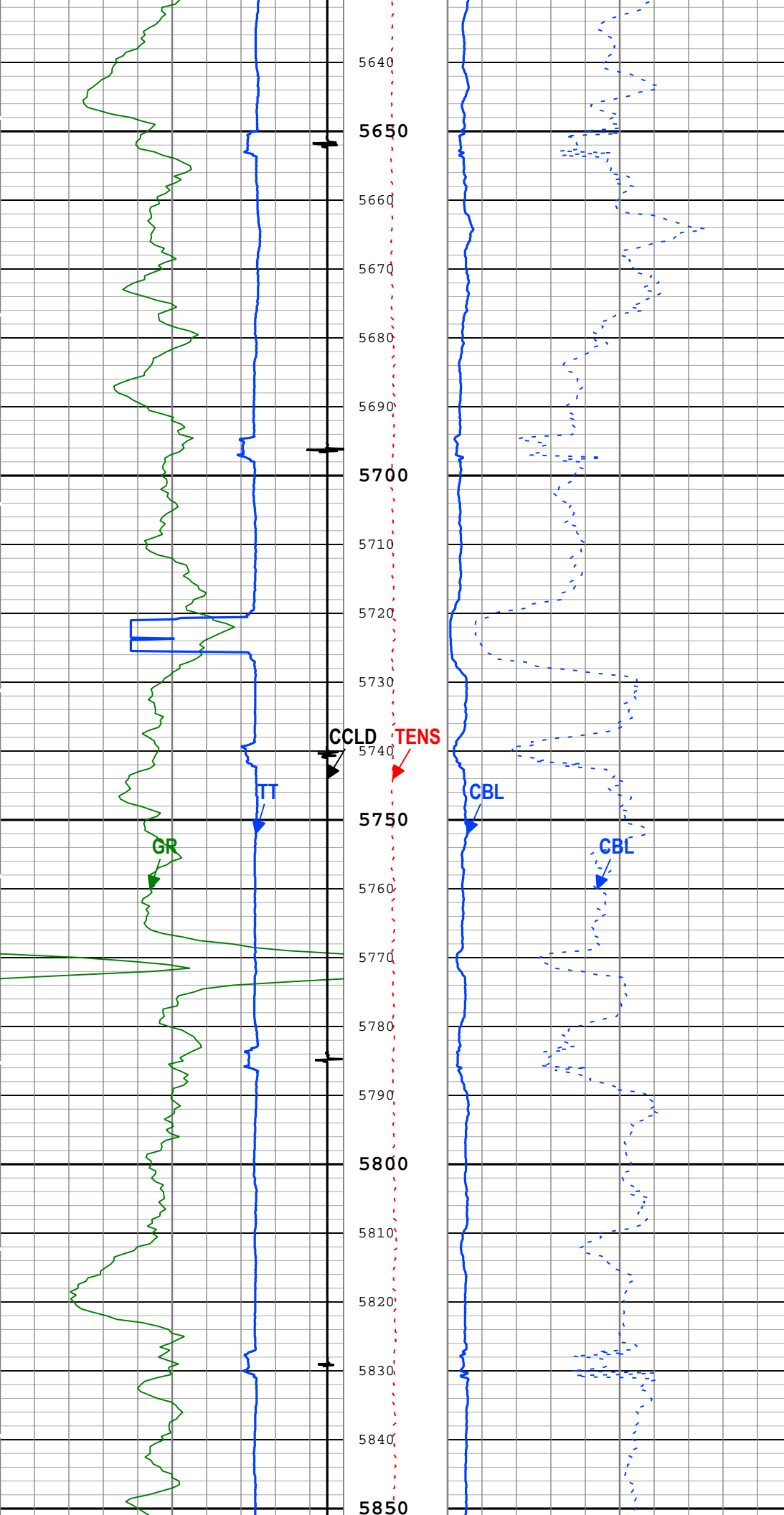


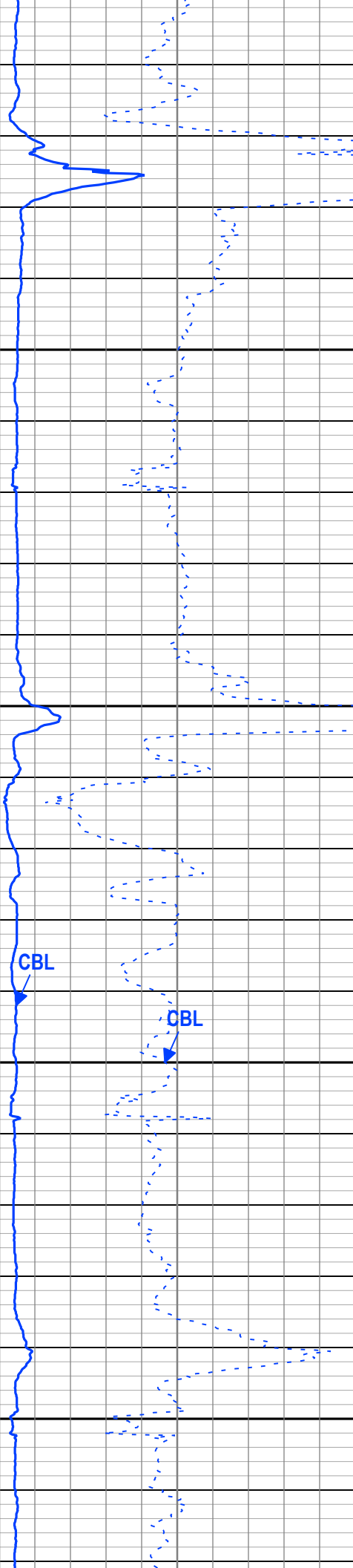
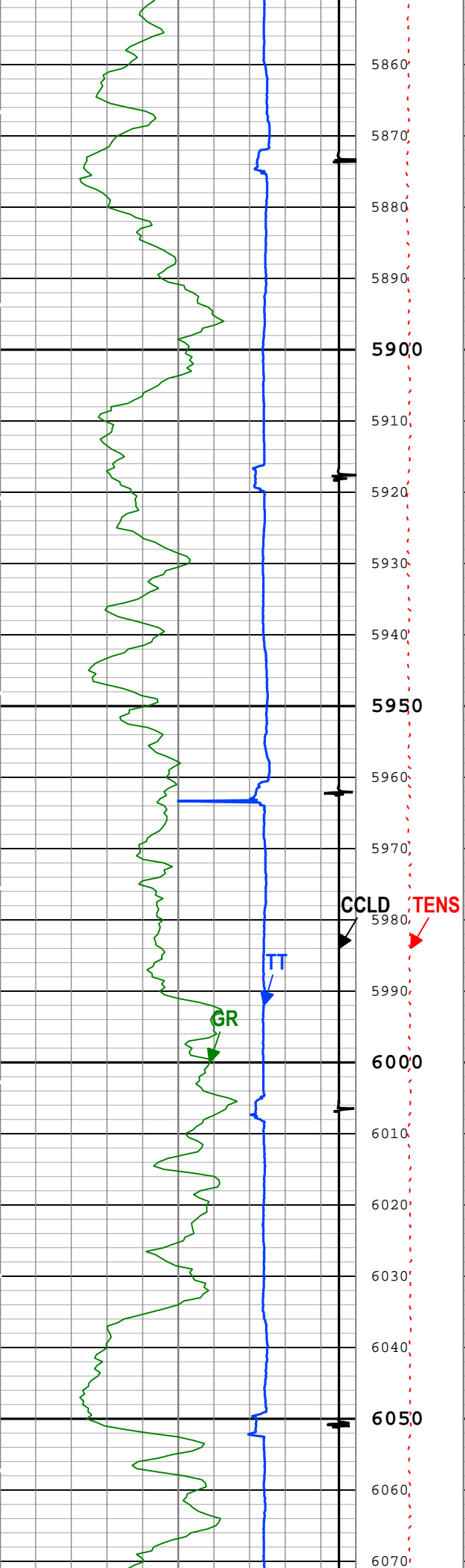


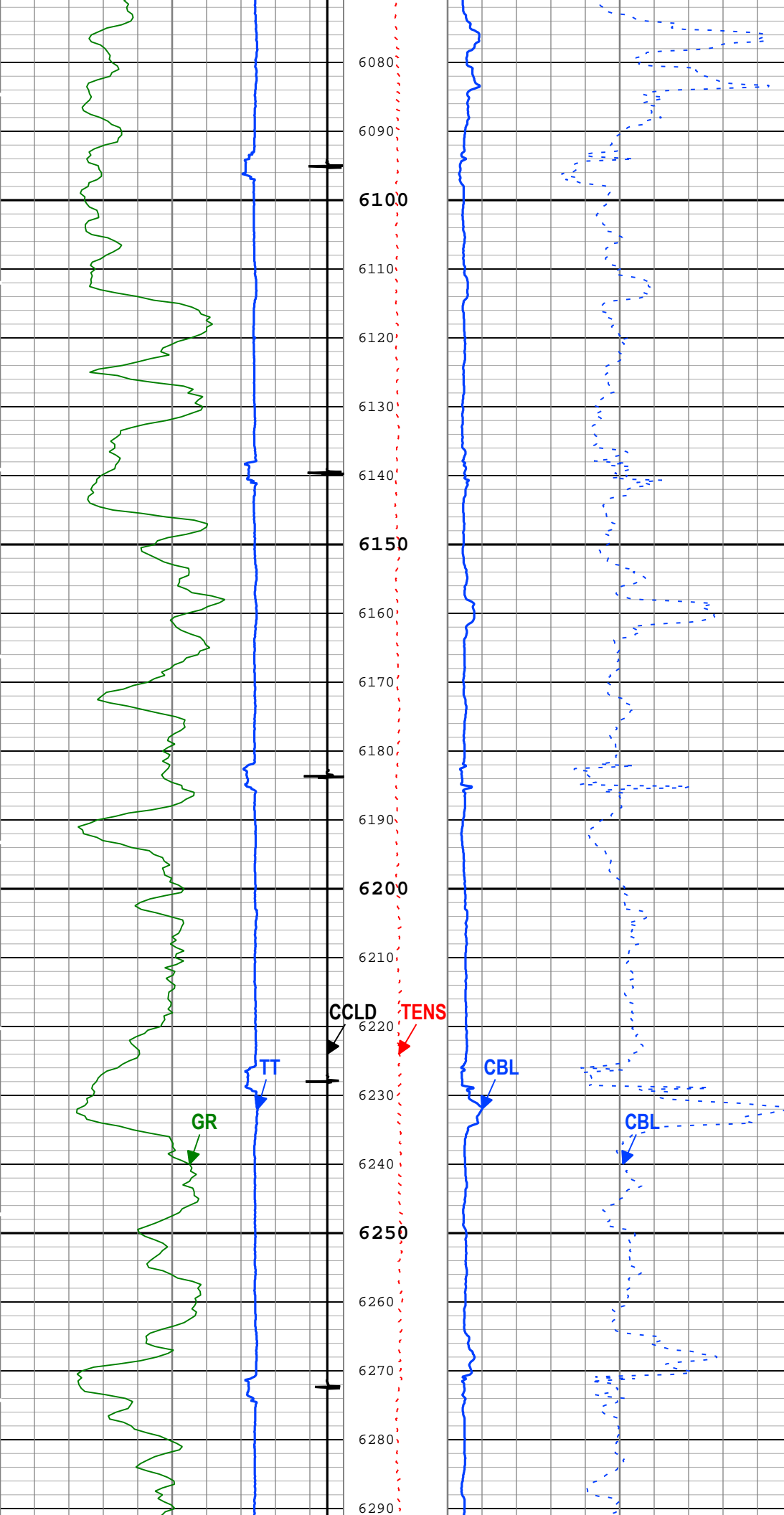


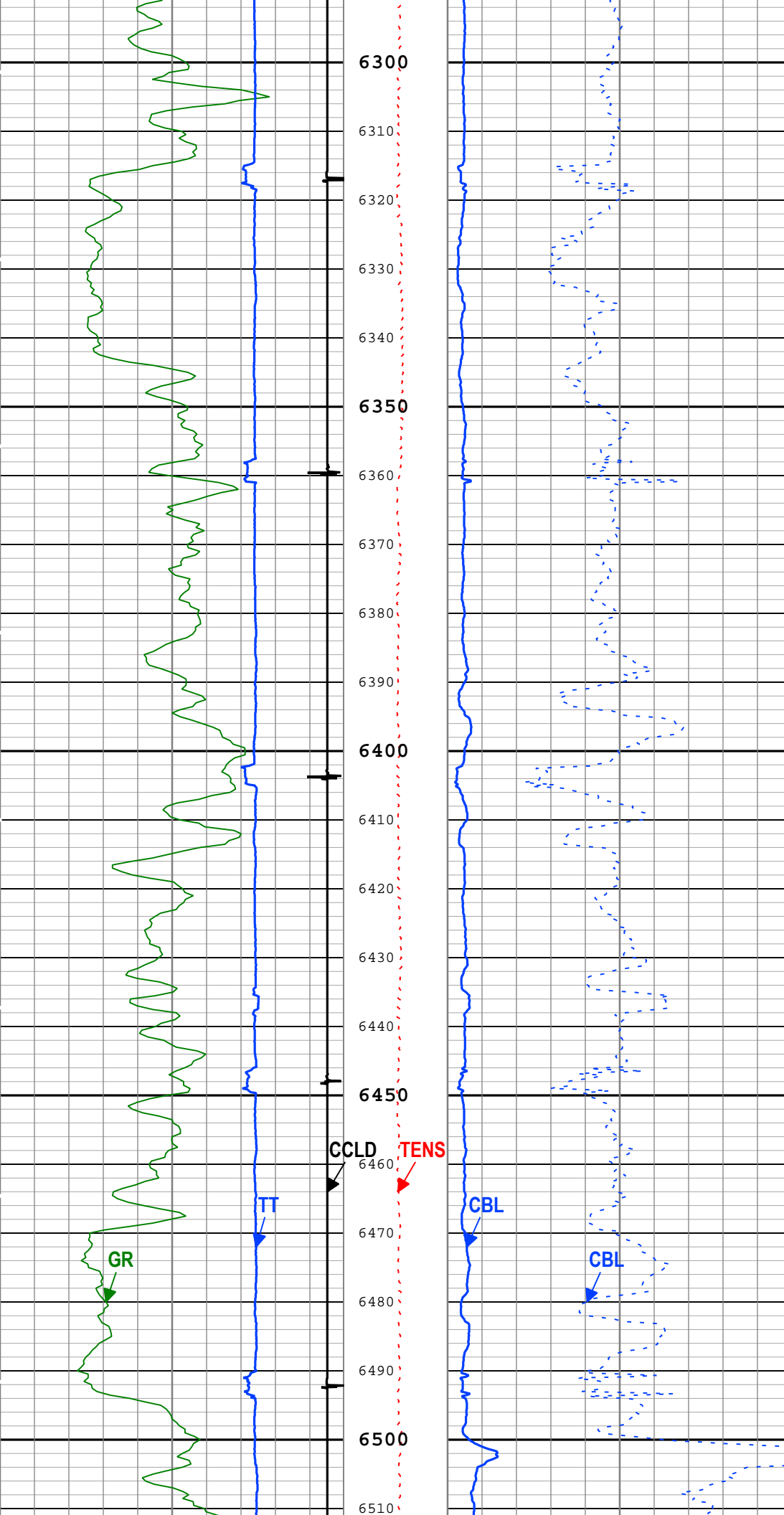


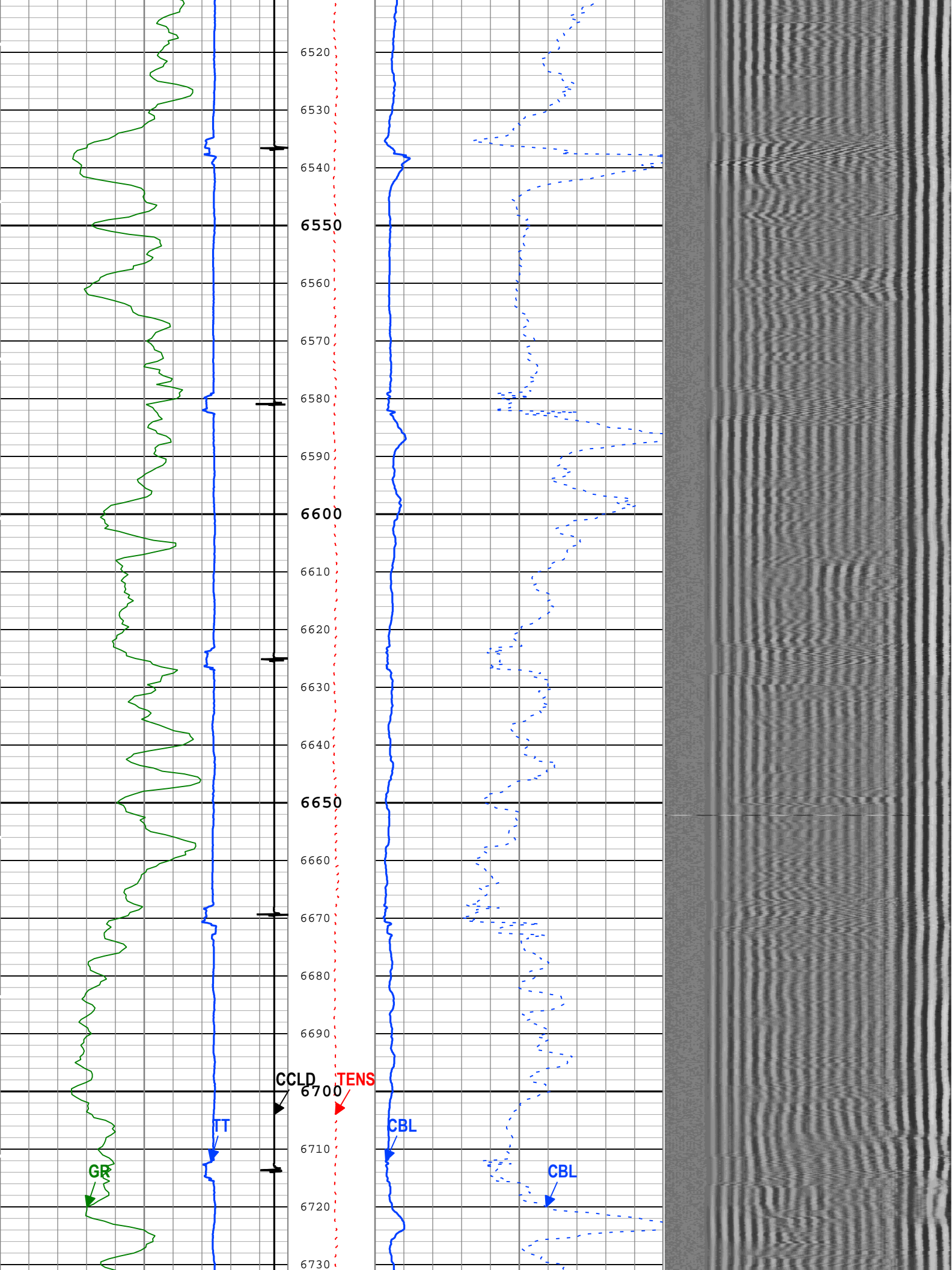


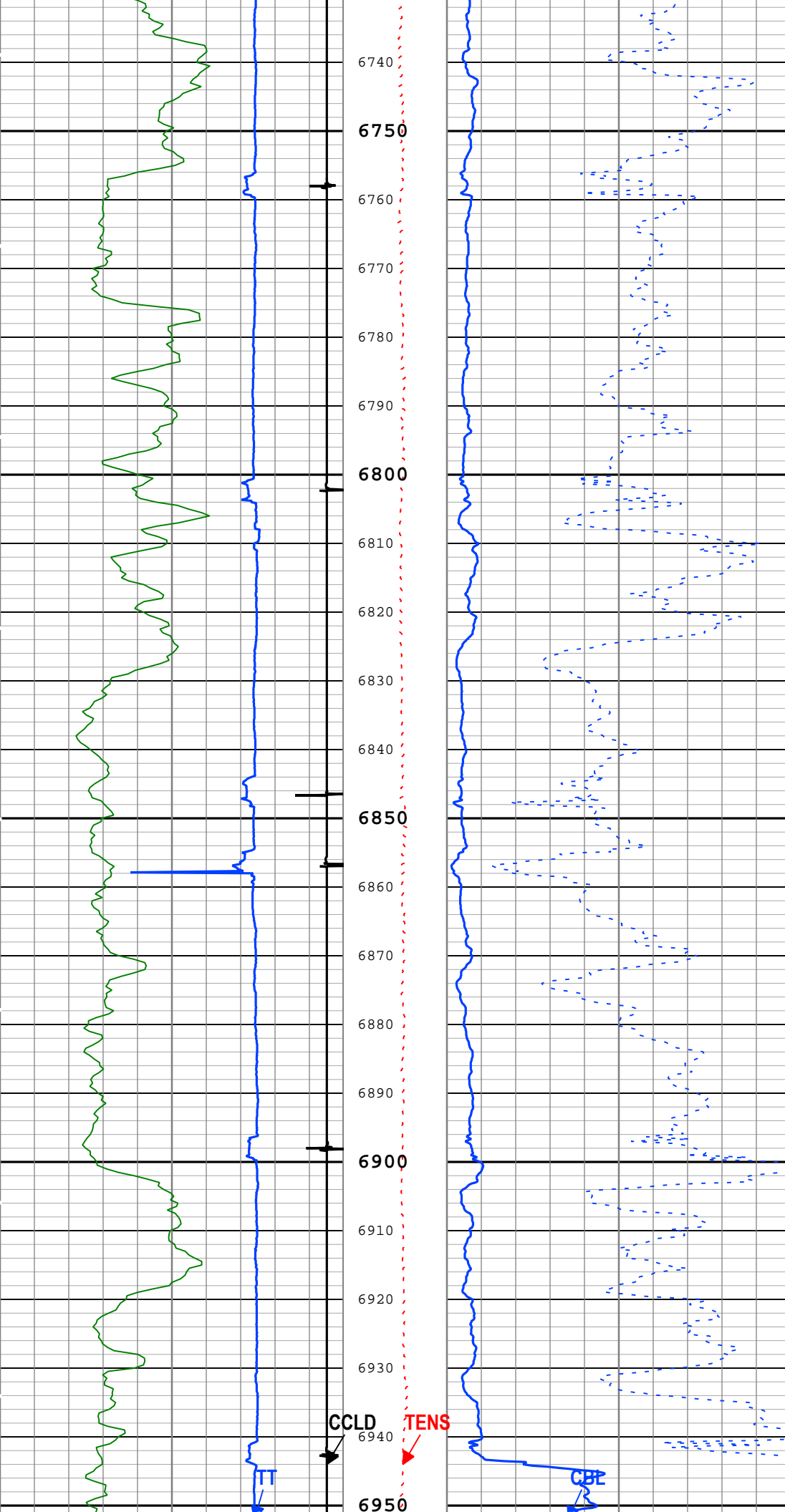


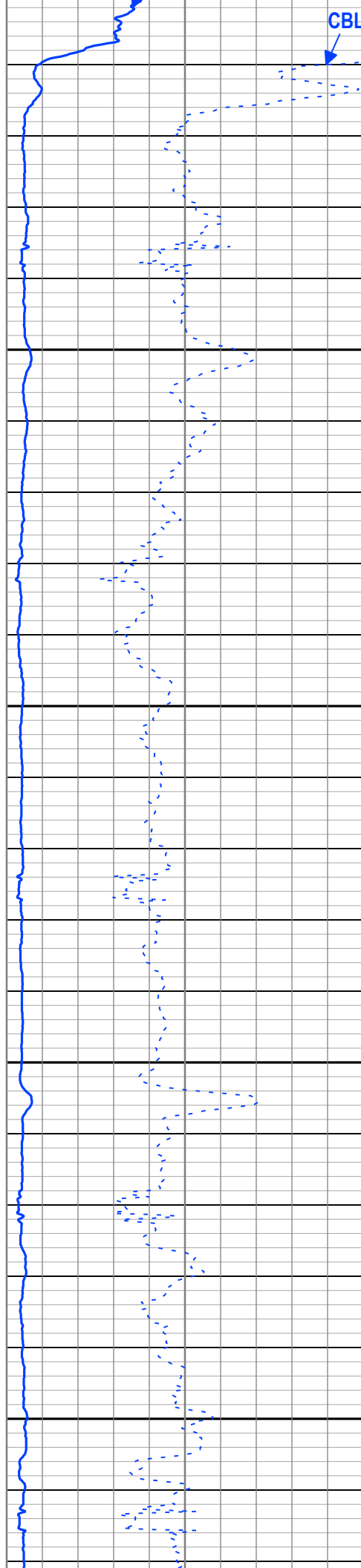
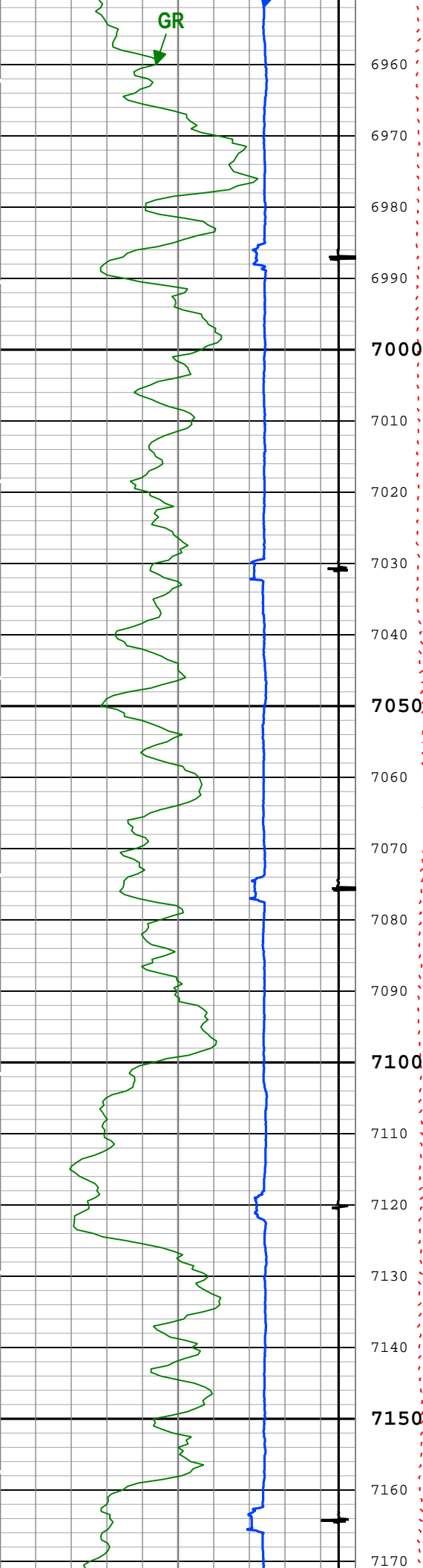


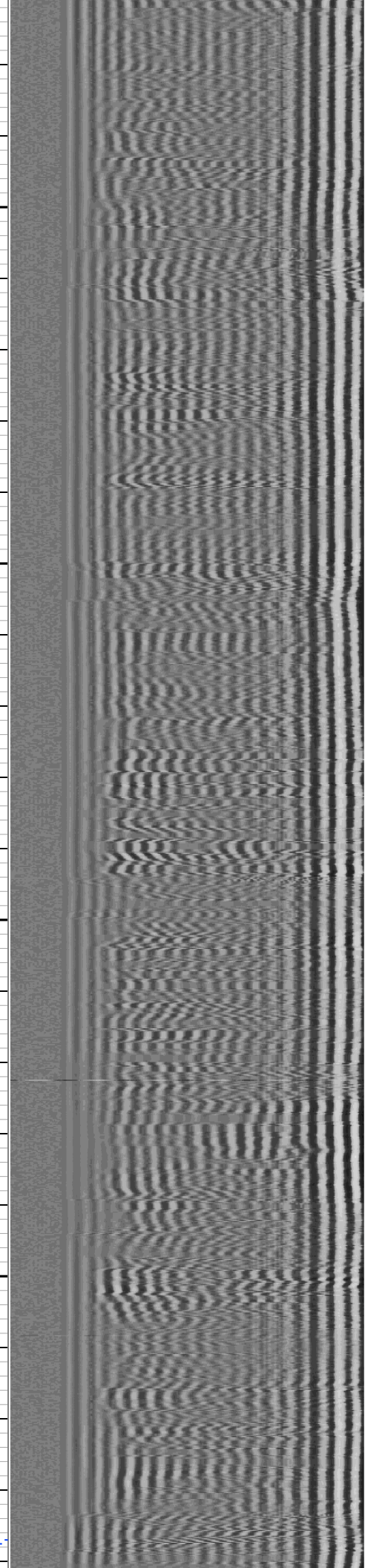
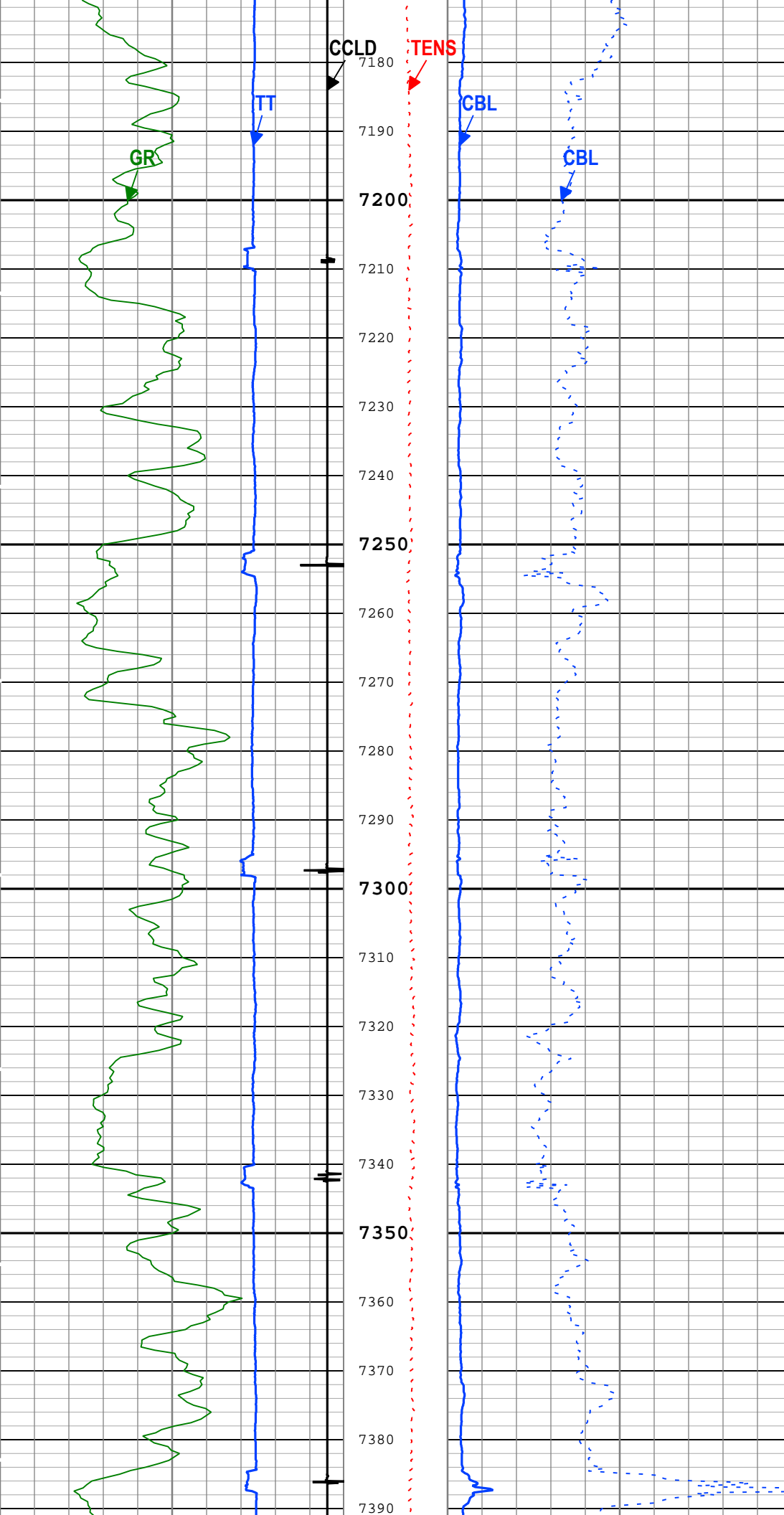


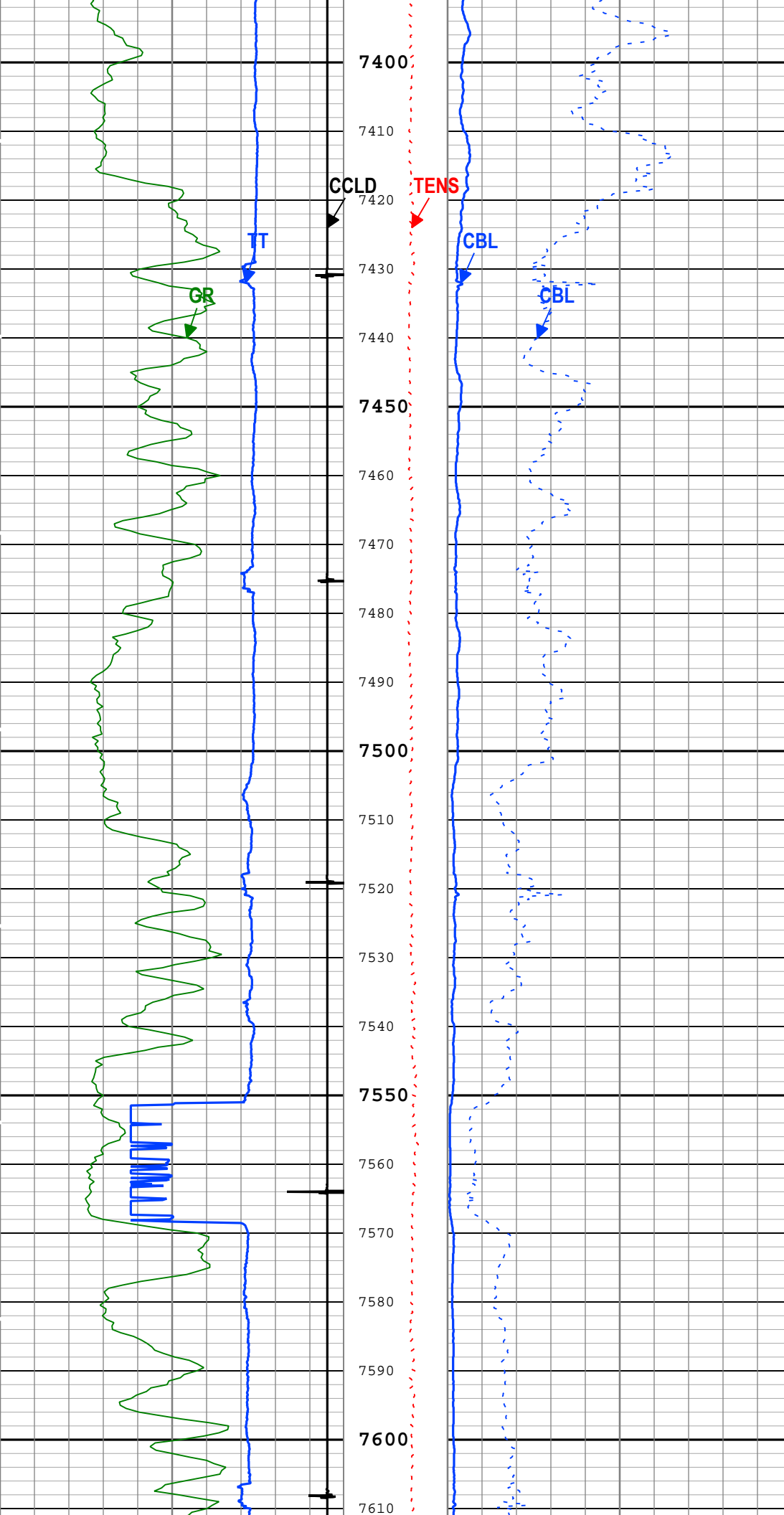


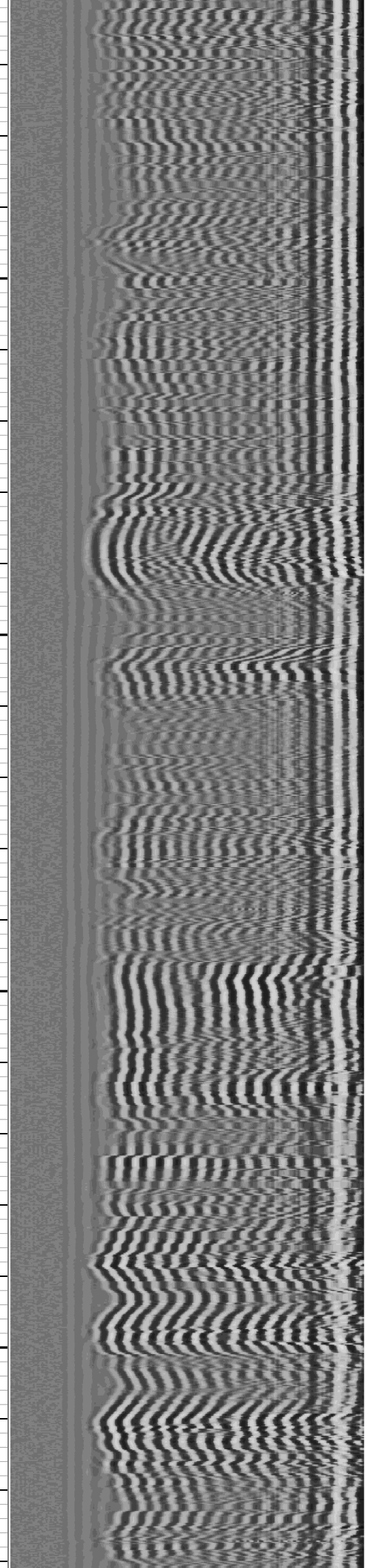
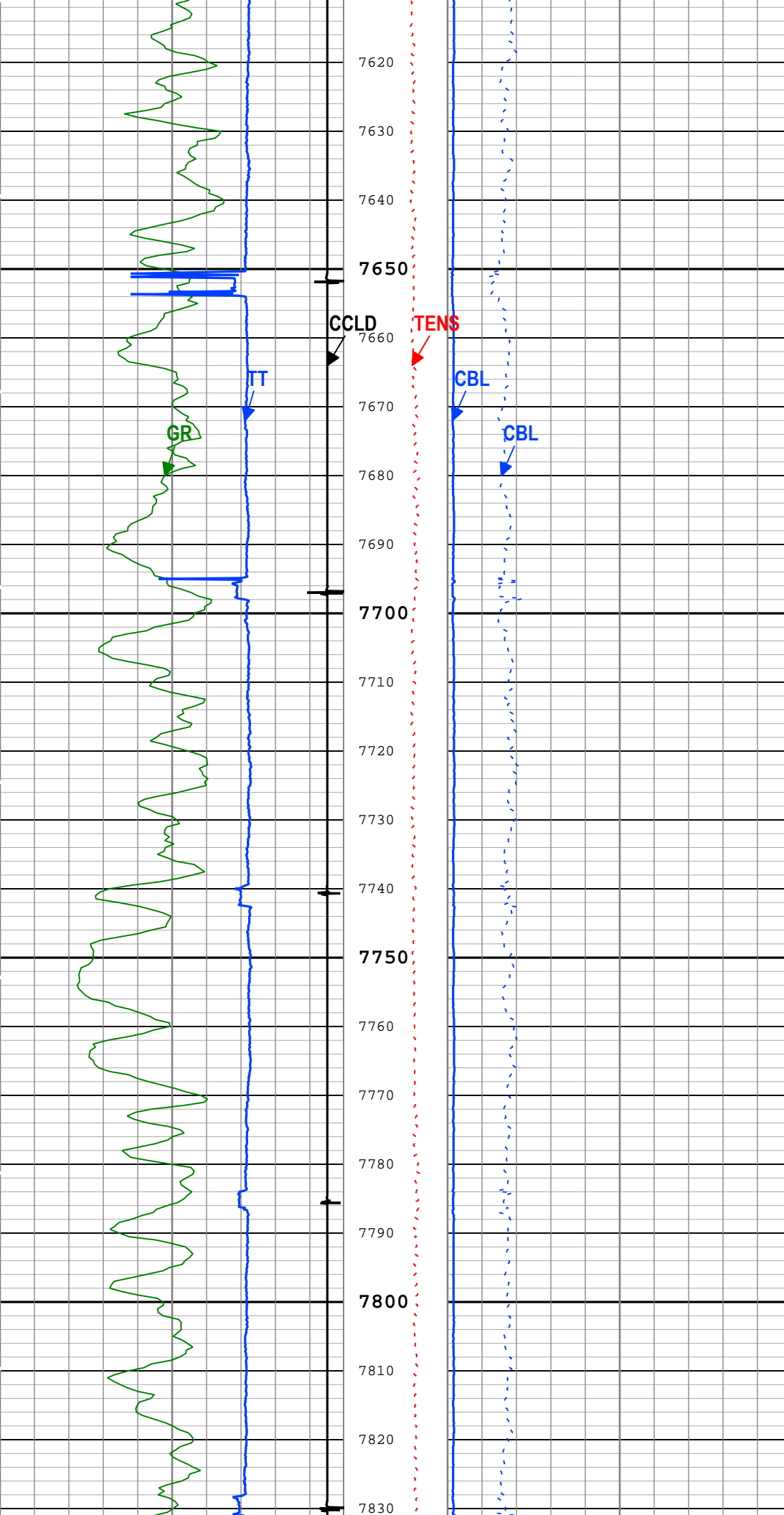


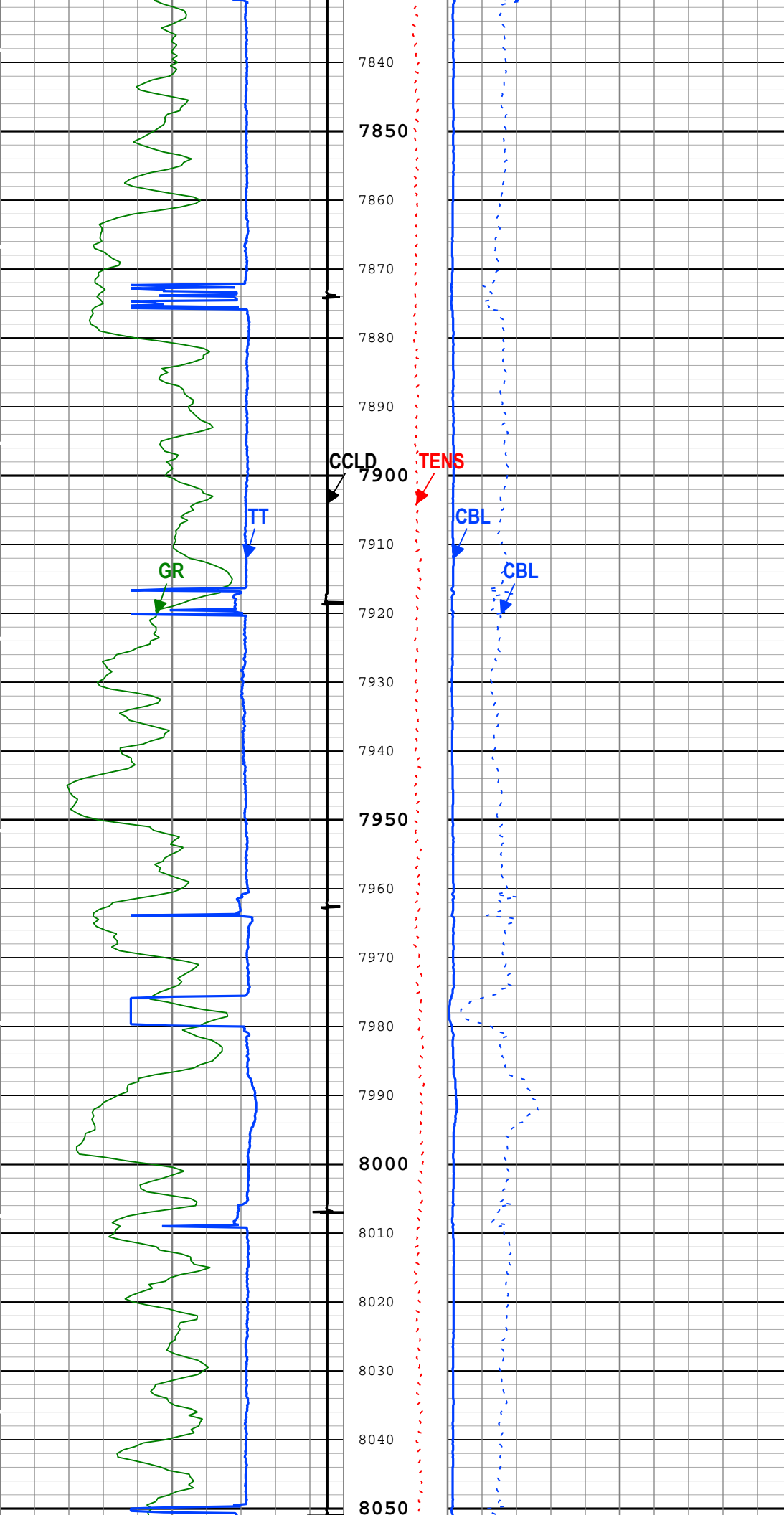


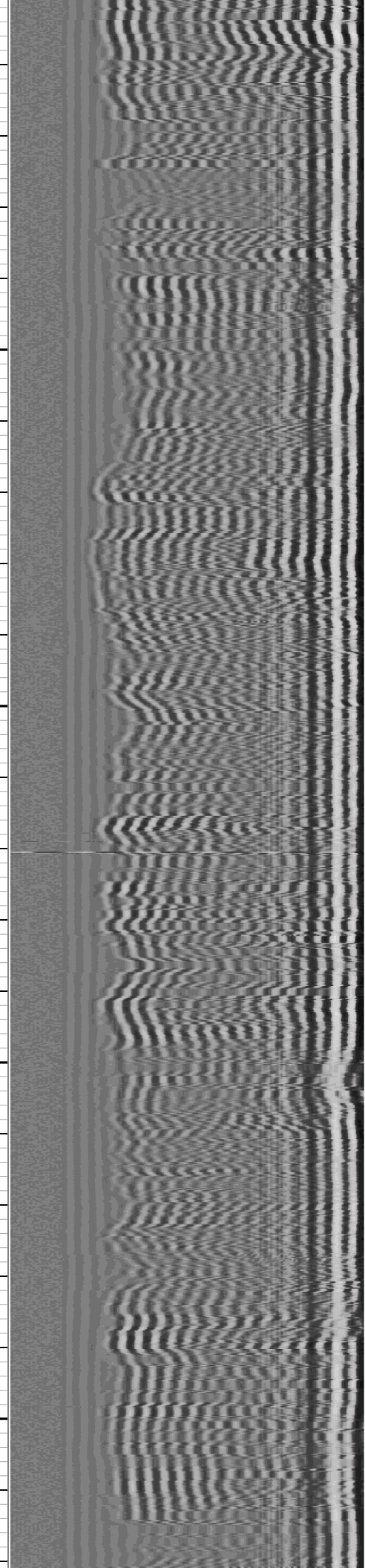
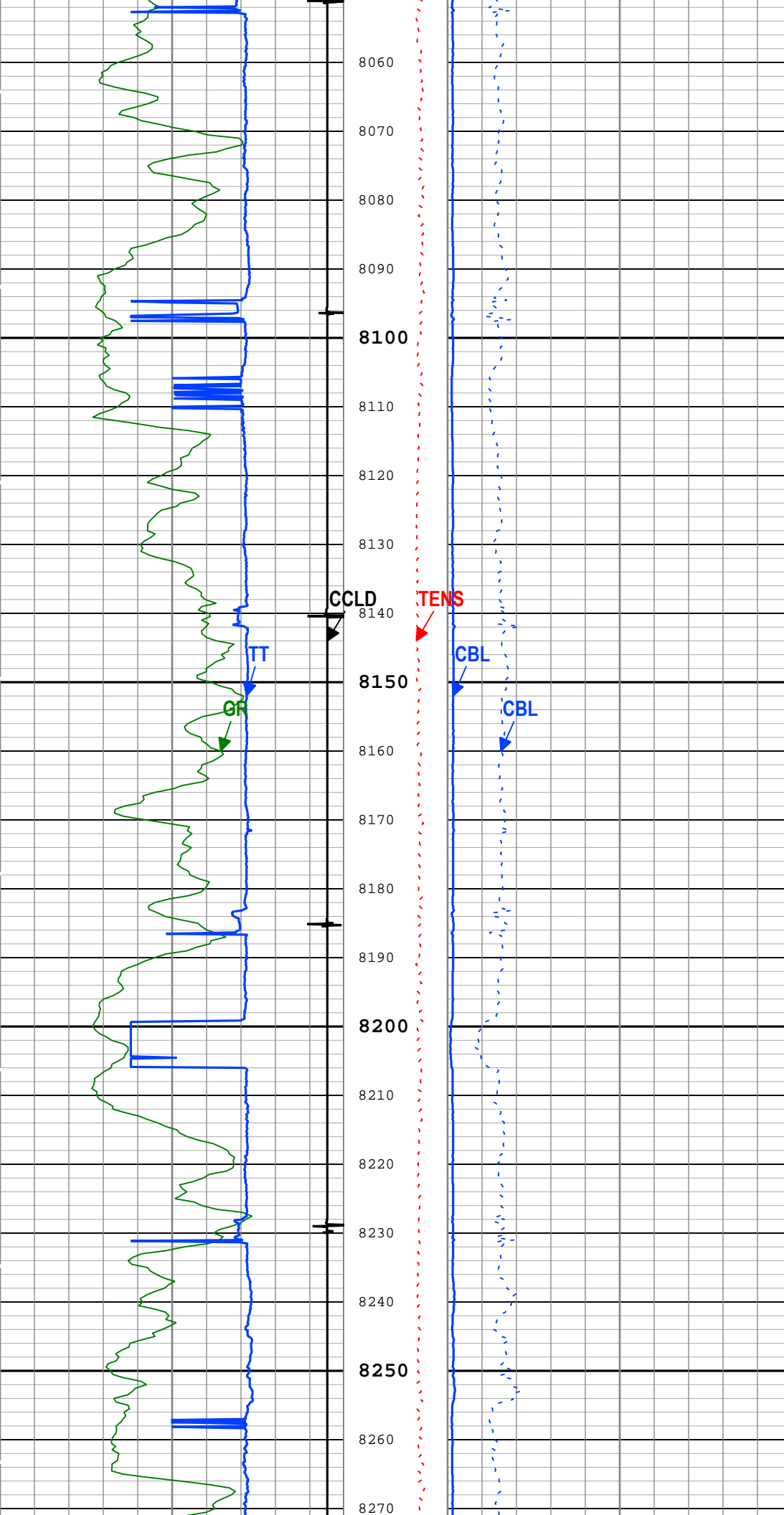


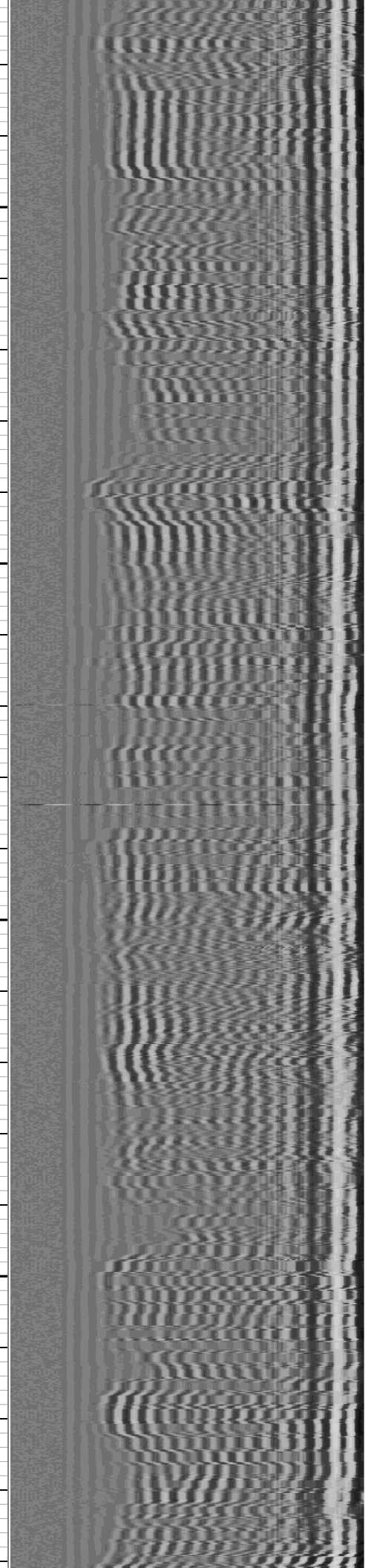
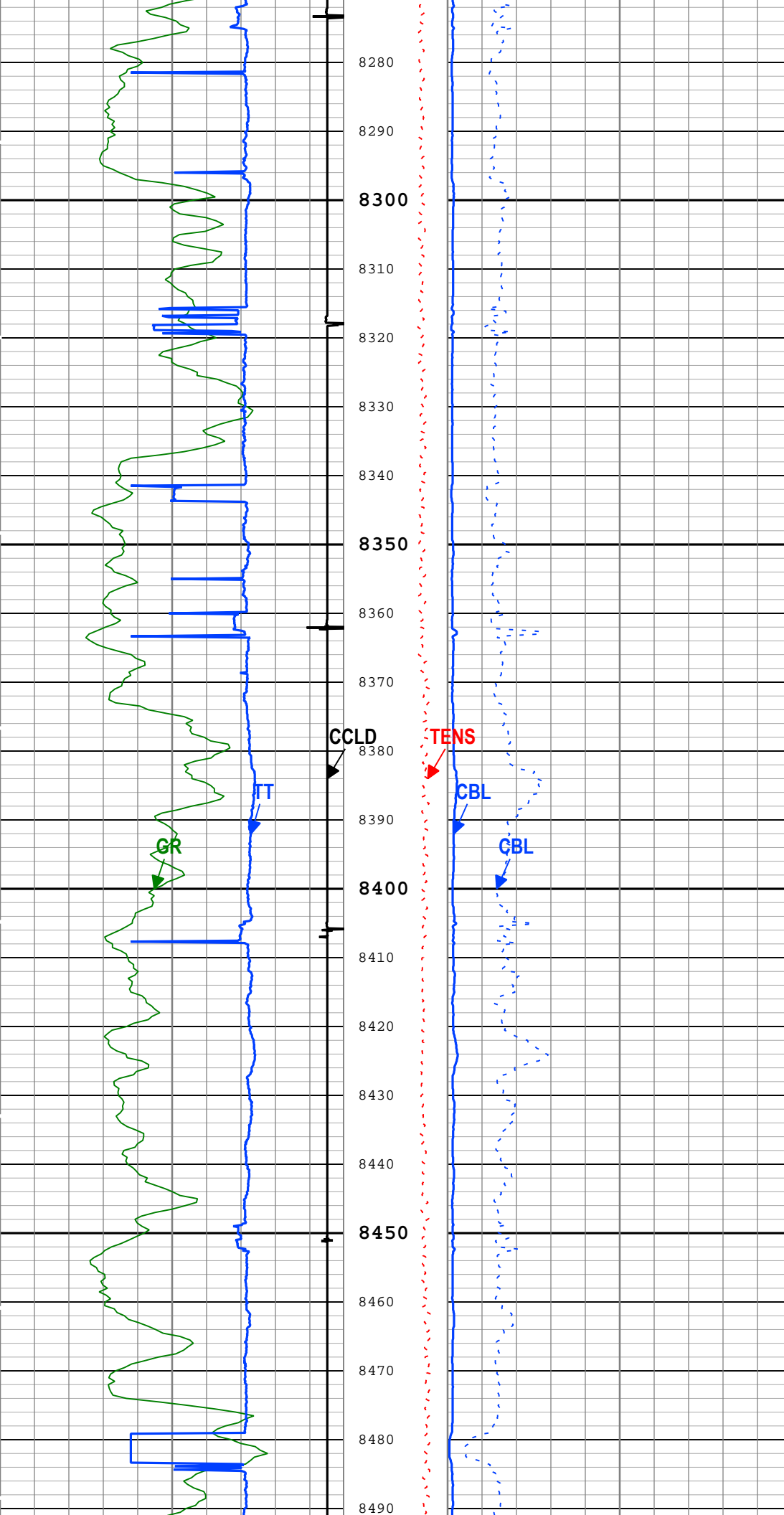


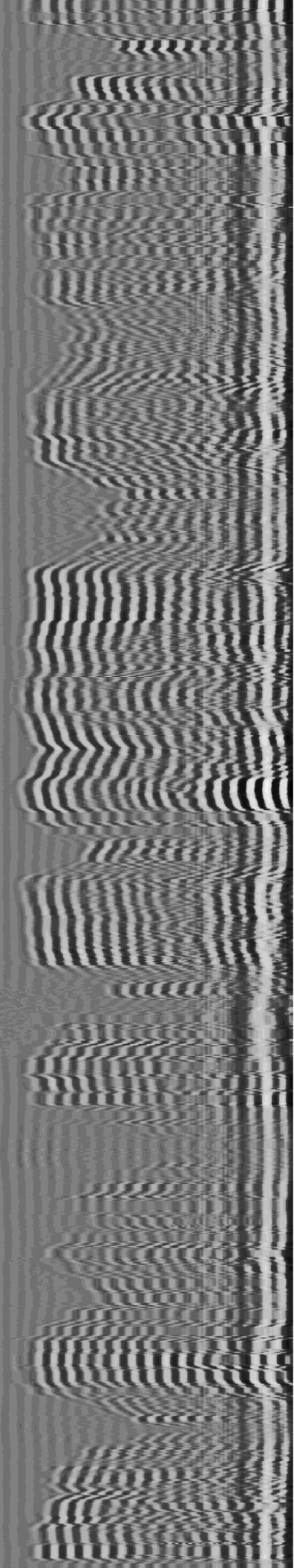
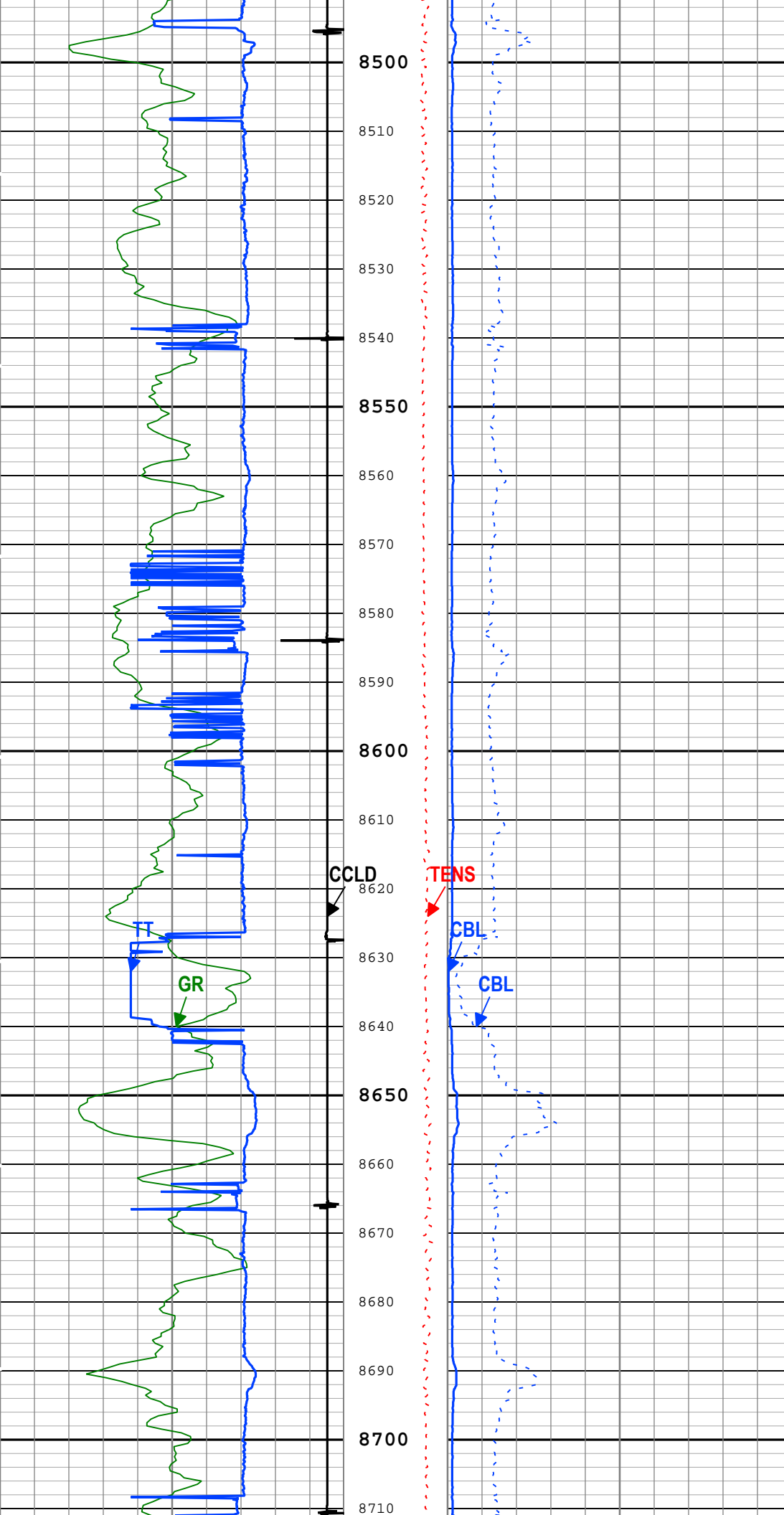


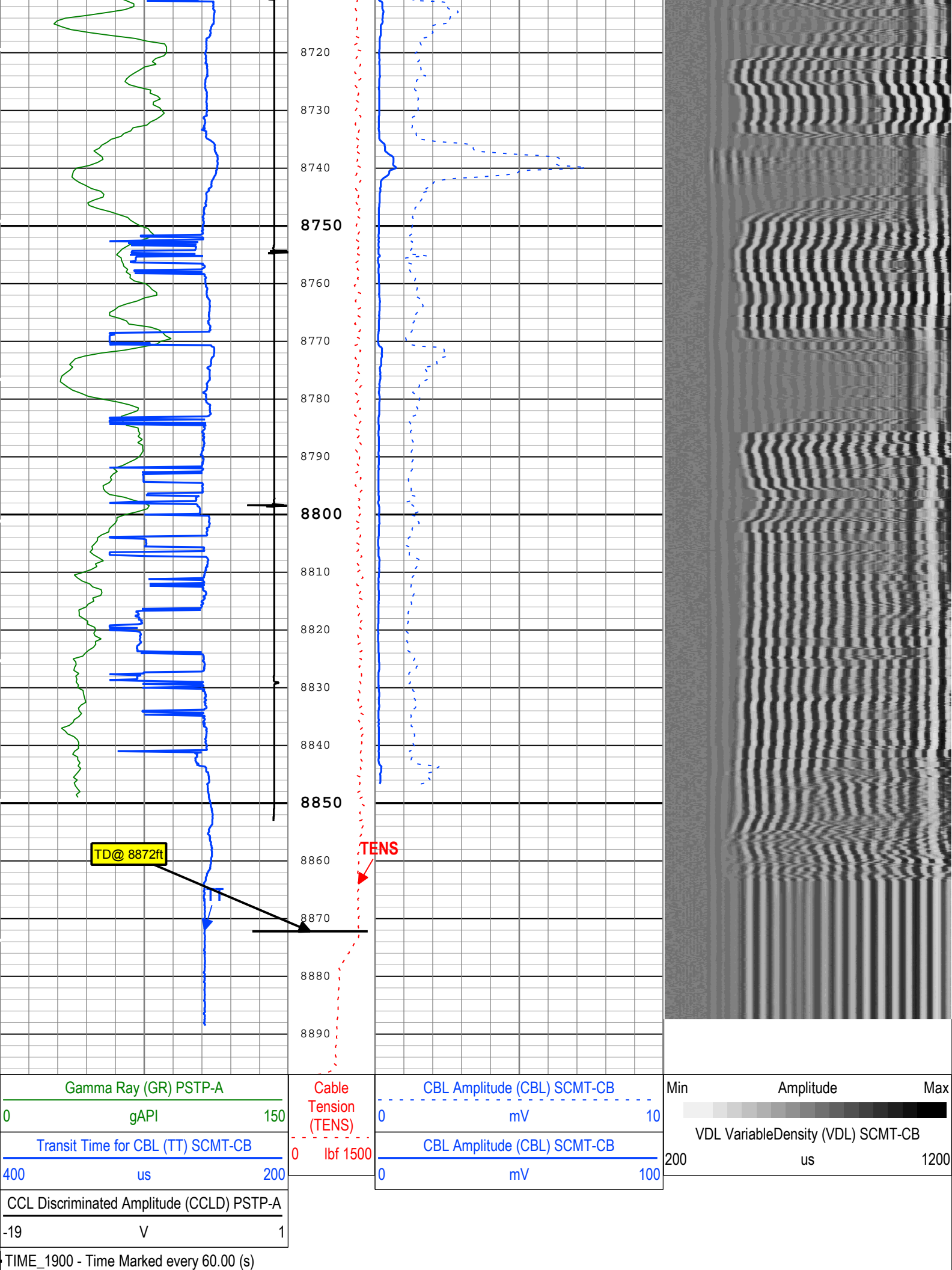












Channel Processing Parameters	
-------------------------------	--

One: Parameters

Parameter	Description	Tool	Value	Unit
BHT	Bottom Hole Temperature	Borehole	212	degF
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	SCMT-CB	224	us
CBLG	CBL Gate Width	SCMT-CB	40	us
CBRA	CBL LQC Reference Amplitude in Free Pipe	SCMT-CB	Depth Zoned	mV
THNO	Nominal Casing Thickness - Zoned along logger depths	WLSESSION	0.25	in
DFD	Drilling Fluid Density	Borehole	8.49	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
DTMD	Borehole Fluid Slowness	Borehole	206	us/ft
EDF	Elevation of Derrick Floor Above Permanent Datum	WLSESSION	30	ft
EPD	Elevation of Permanent Datum (PDAT) above Mean Sea Level	WLSESSION	8322	ft
GGRD	Geothermal Gradient	Borehole	1	0.01 degF/ft
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	GTEM_LINEST(RT)	
MSA	Minimum Sonic Amplitude	SCMT-CB	Depth Zoned	mV
PDAT	Permanent Datum	WLSESSION	GL	
RUN_SNUM	Run Sequence Number	WSDRUN	1	
SHT	Surface Hole Temperature	Borehole	68	degF

Depth Zone Parameters

Parameter	Value	Start (ft)	Stop (ft)
CBRA	80	1900	8847
CBRA	0	8847	8897
MSA	0.51	1900	8847
MSA	0	8847	8897

All depths are actual.

Tool Control Parameters	
-------------------------	--

One: Parameters

Parameter	Description	Tool	Value	Unit
CMTM	SCMT Operating Mode	SCMT-CB	Log	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	150	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-A	12 dB	

One

CBL-VDL Repeat Pass

Software Version	
------------------	--

Acquisition System	Version
Maxwell 2018	8.0.95333.3100

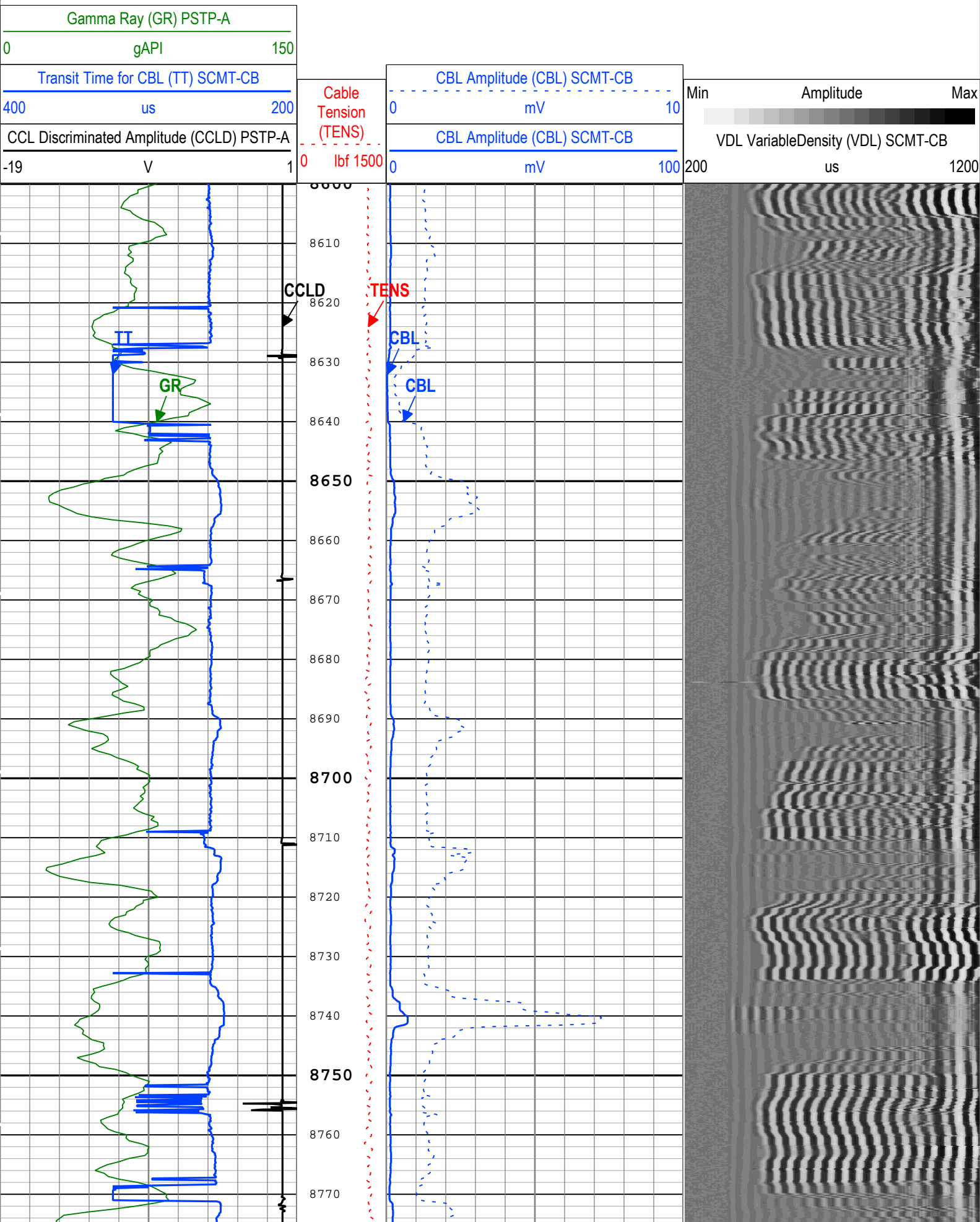
Pass Summary	
--------------	--

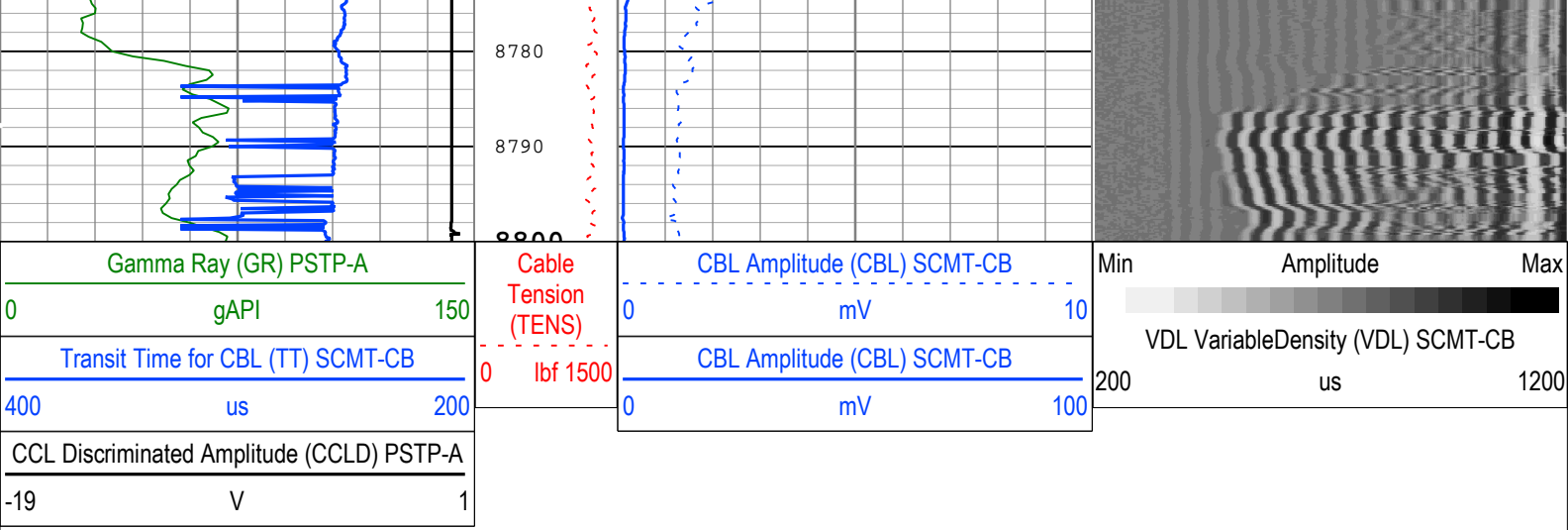
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
One	Log[3]:Up	Up	8596.23 ft	8885.82 ft	19-May-2018 3:25:22 PM	19-May-2018 3:35:24 PM	ON	6.77 ft	No

All depths are referenced to toolstring zero

Description: SCMT Amplitudes and VDL Format: Log (SCMT Repeat) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 19-May-2018 20:53:04

TIME_1900 - Time Marked every 60.00 (s)





Description: SCMT Amplitudes and VDL Format: Log (SCMT Repeat) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 19-May-2018 20:53:04

Channel Processing Parameters

One: Parameters

Parameter	Description	Tool	Value	Unit
BHT	Bottom Hole Temperature	Borehole	212	degF
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	SCMT-CB	224	us
CBLG	CBL Gate Width	SCMT-CB	40	us
CBRA	CBL LQC Reference Amplitude in Free Pipe	SCMT-CB	80	mV
THNO	Nominal Casing Thickness - Zoned along logger depths	WLSESSION	0.25	in
DFD	Drilling Fluid Density	Borehole	8.49	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
DTMD	Borehole Fluid Slowness	Borehole	206	us/ft
EDF	Elevation of Derrick Floor Above Permanent Datum	WLSESSION	30	ft
EPD	Elevation of Permanent Datum (PDAT) above Mean Sea Level	WLSESSION	8322	ft
GGRD	Geothermal Gradient	Borehole	1	0.01 degF/ft
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	GTEM_LINEST(RT)	
MSA	Minimum Sonic Amplitude	SCMT-CB	0.51	mV
PDAT	Permanent Datum	WLSESSION	GL	
RUN_SNUM	Run Sequence Number	WSDRUN	1	
SHT	Surface Hole Temperature	Borehole	68	degF

Tool Control Parameters

One: Parameters

Parameter	Description	Tool	Value	Unit
CMTM	SCMT Operating Mode	SCMT-CB	Log	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	150	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-A	Time Zoned	

Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth (ft)	Stop Depth (ft)
PCCG	0 dB	19-May-2018 15:25:22	19-May-2018 15:27:16	8885.82	8838.13
PCCG	12 dB	19-May-2018 15:27:16	19-May-2018 15:27:57	8838.13	8818.11
PCCG	24 dB	19-May-2018 15:27:57	19-May-2018 15:28:58	8818.11	8788.78
PCCG	12 dB	19-May-2018 15:28:58	19-May-2018 15:35:24	8788.78	8596.23

All depth are at tool zone

All depths are at tool zero.

One

CBL-VDL Free Pipe Pass

Software Version

Acquisition System

Maxwell 2018

Version

8.0.95333.3100

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
One	Log[5]:Up	Up	1791.98 ft	1909.77 ft	19-May-2018 7:55:12 PM	19-May-2018 7:59:52 PM	ON	0.00 ft	No

All depths are referenced to toolstring zero

Log

Company:Caerus Operating LLC

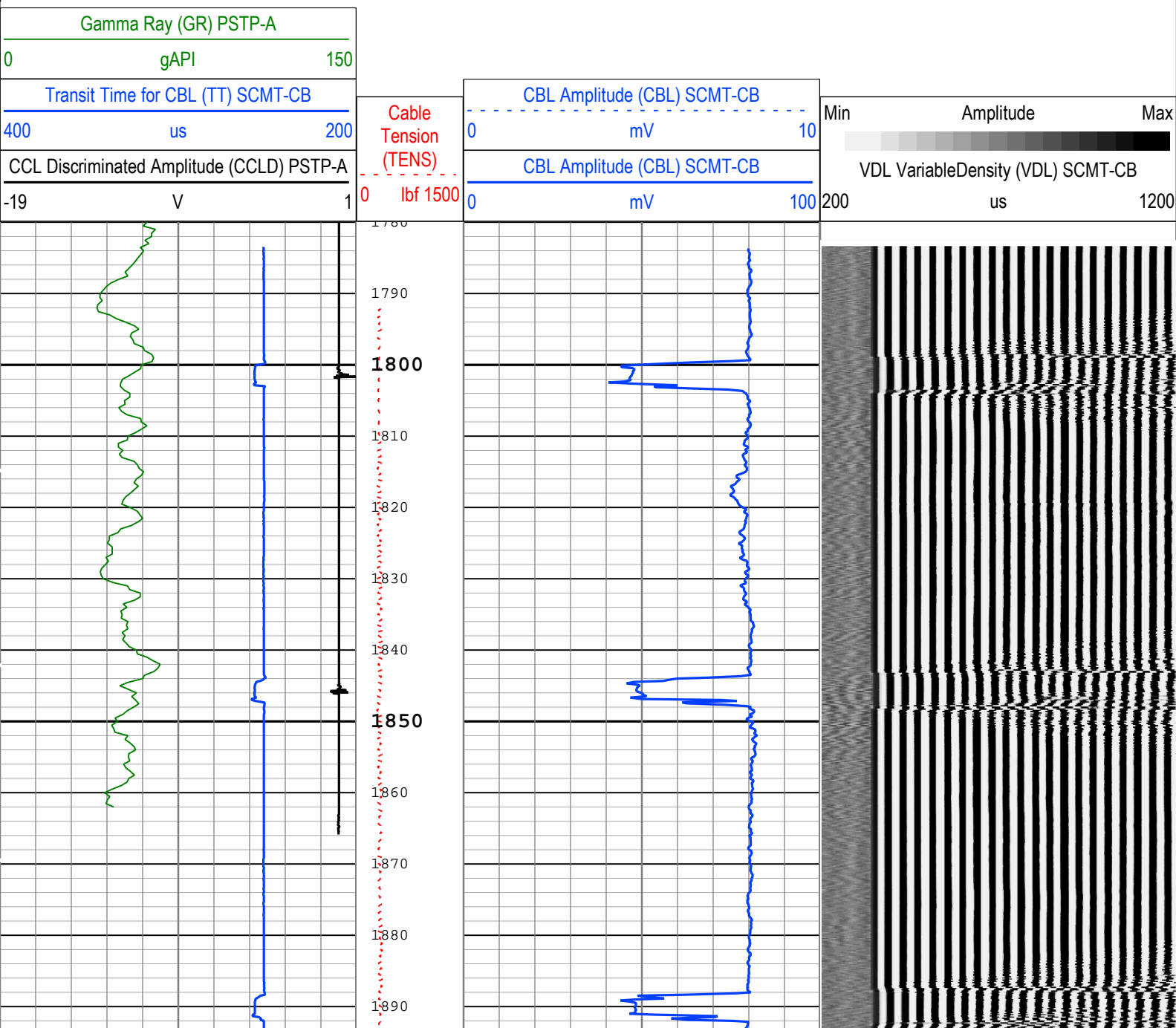
Well:Puckett 13D-26-697

One: Log[5]:Up:S005

Description: SCMT Amplitudes and VDL Format: Log (SCMT Free pipe) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth

Creation Date: 19-May-2018 20:53:07

TIME_1900 - Time Marked every 60.00 (s)



0

150

gAPI

400

200

us

0

1

V

Gamma Ray (GR) PSTP-A

Transit Time for CBL (TT) SCMT-CB

CCL Discriminated Amplitude (CCLD) PSTP-A

0

1500

lb f

0

100

mV

0

100

mV

CBL Amplitude (CBL) SCMT-CB

CBL Amplitude (CBL) SCMT-CB

Min

200

Amplitude

us

Max

1200

VDL VariableDensity (VDL) SCMT-CB

TENS

Cable Tension (TENS)

TIME_1900 - Time Marked every 60.00 (s)

Description: SCMT Amplitudes and VDL

Format: Log (SCMT Free pipe)

Index Scale: 5 in per 100 ft

Index Unit: ft

Index Type: Measured Depth

Creation Date: 19-May-2018 20:53:07

Channel Processing Parameters

One: Parameters				
Parameter	Description	Tool	Value	Unit
BHT	Bottom Hole Temperature	Borehole	212	degF
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	SCMT-CB	224	us
CBLG	CBL Gate Width	SCMT-CB	40	us
CBRA	CBL LQC Reference Amplitude in Free Pipe	SCMT-CB	80	mV
THNO	Nominal Casing Thickness - Zoned along logger depths	WLSESSION	0.25	in
DFD	Drilling Fluid Density	Borehole	8.49	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
DTMD	Borehole Fluid Slowness	Borehole	206	us/ft
EDF	Elevation of Derrick Floor Above Permanent Datum	WLSESSION	30	ft
EPD	Elevation of Permanent Datum (PDAT) above Mean Sea Level	WLSESSION	8322	ft
GGRD	Geothermal Gradient	Borehole	1	0.01 degF/ft
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	GTEM_LINEST(RT)	
MSA	Minimum Sonic Amplitude	SCMT-CB	0.51	mV
PDAT	Permanent Datum	WLSESSION	GL	
RUN_SNUM	Run Sequence Number	WSDRUN	1	
SHT	Surface Hole Temperature	Borehole	68	degF

Tool Control Parameters

One: Parameters				
Parameter	Description	Tool	Value	Unit
CMTM	SCMT Operating Mode	SCMT-CB	Log	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	150	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-A	12 dB	

One

RST Main pass

Software Version	
Acquisition System	Version
Maxwell 2018	8.0.95333.3100

Pass Summary									
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
One	Log[4]:Up	Up	1909.13 ft	8897.03 ft	19-May-2018 3:44:39 PM	19-May-2018 7:54:12 PM	ON	-0.46 ft	No

All depths are referenced to toolstring zero

Description: RST SIGMA Answer Format: Log (RST Sigma Main) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 19-May-2018 20:53:09

—IHV - Integrated Hole Volume every 10.00 (ft3)

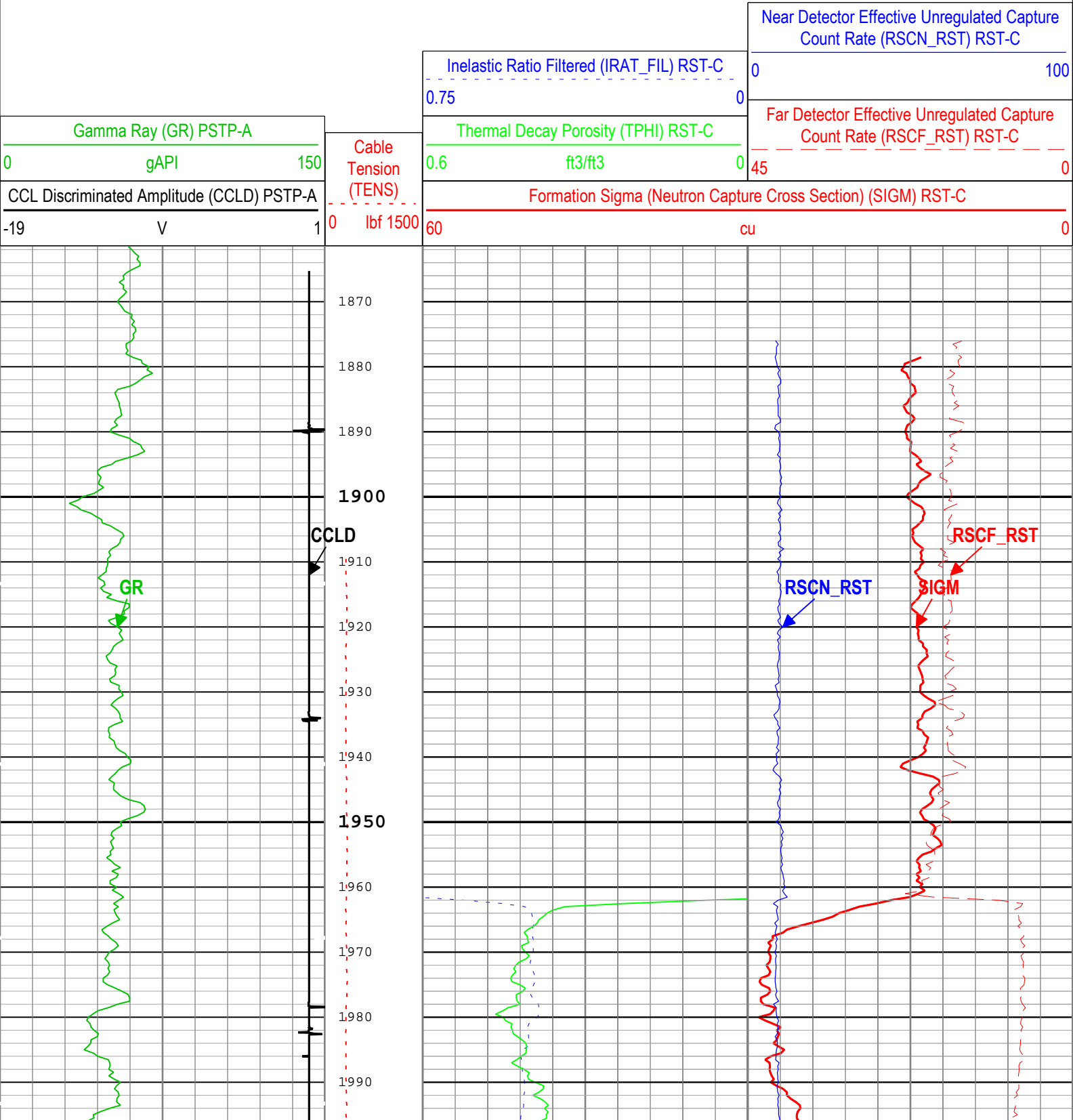
—IHV - Integrated Hole Volume every 100.00 (ft3)

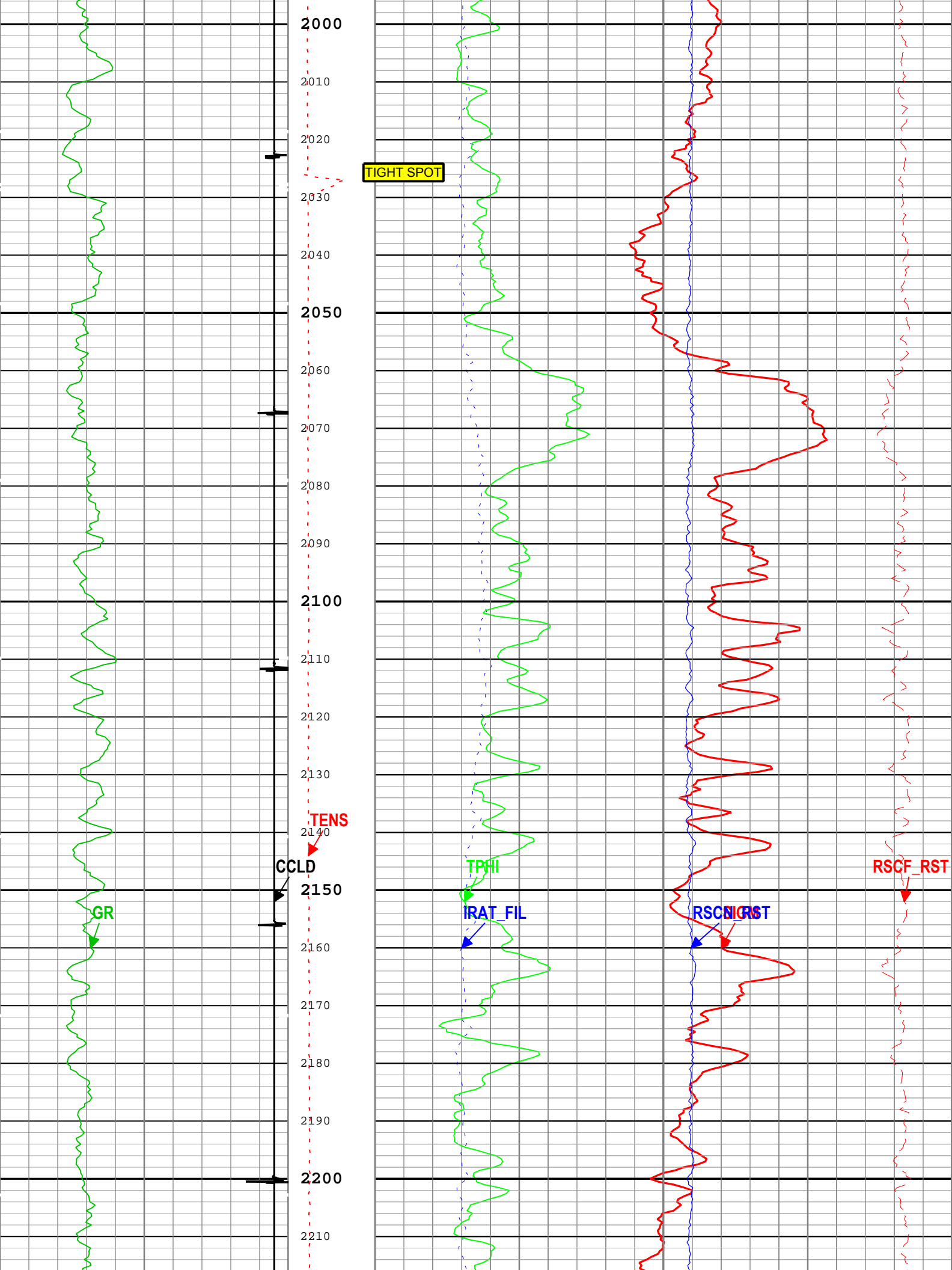
—ICV - Integrated Cement Volume every 10.00 (ft3)

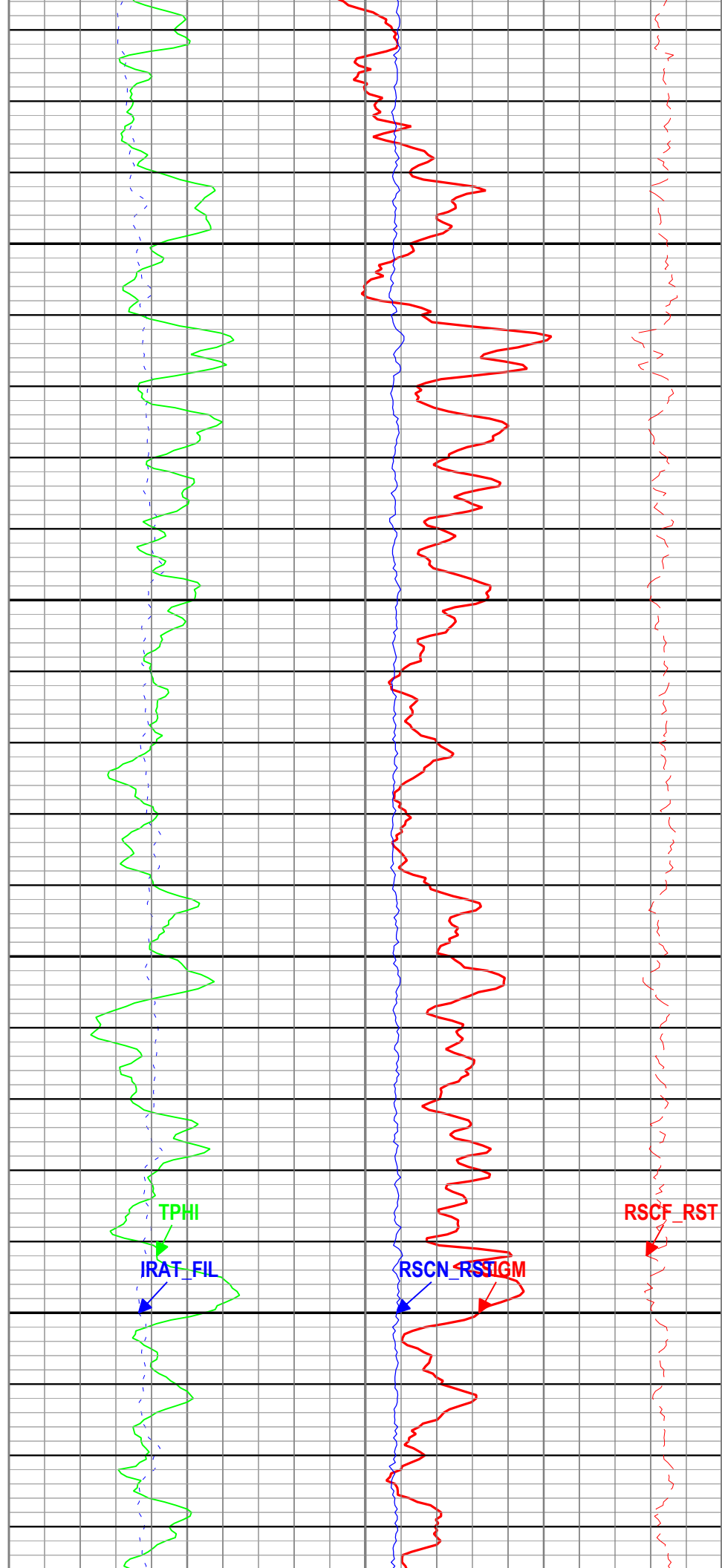
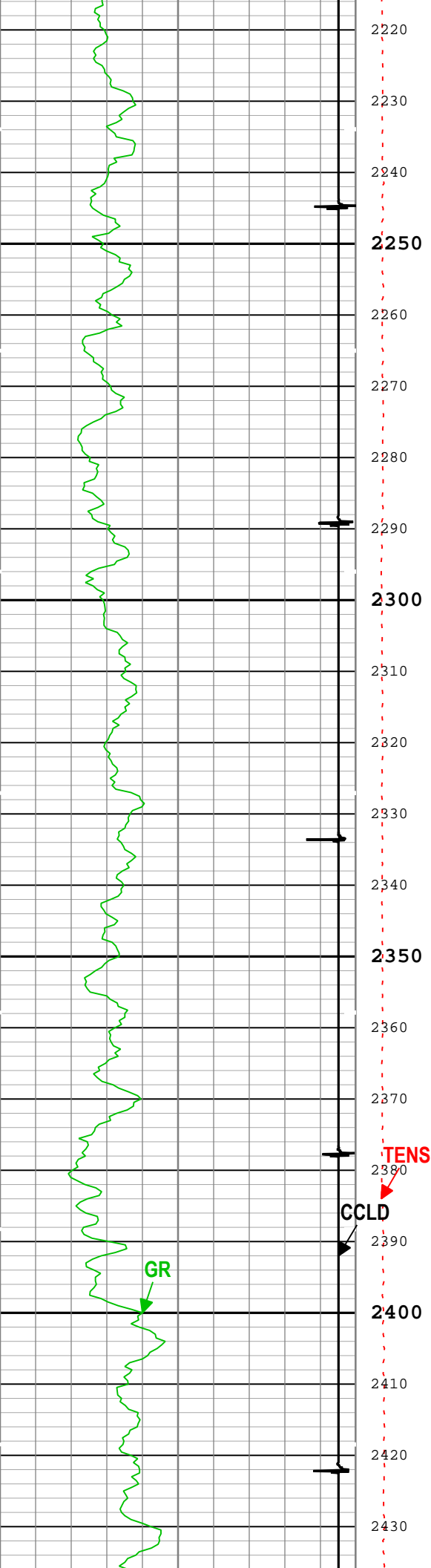
—TIME_1900 - Elapsed time since midnight, 30 December 1899 every 60.00 (s)

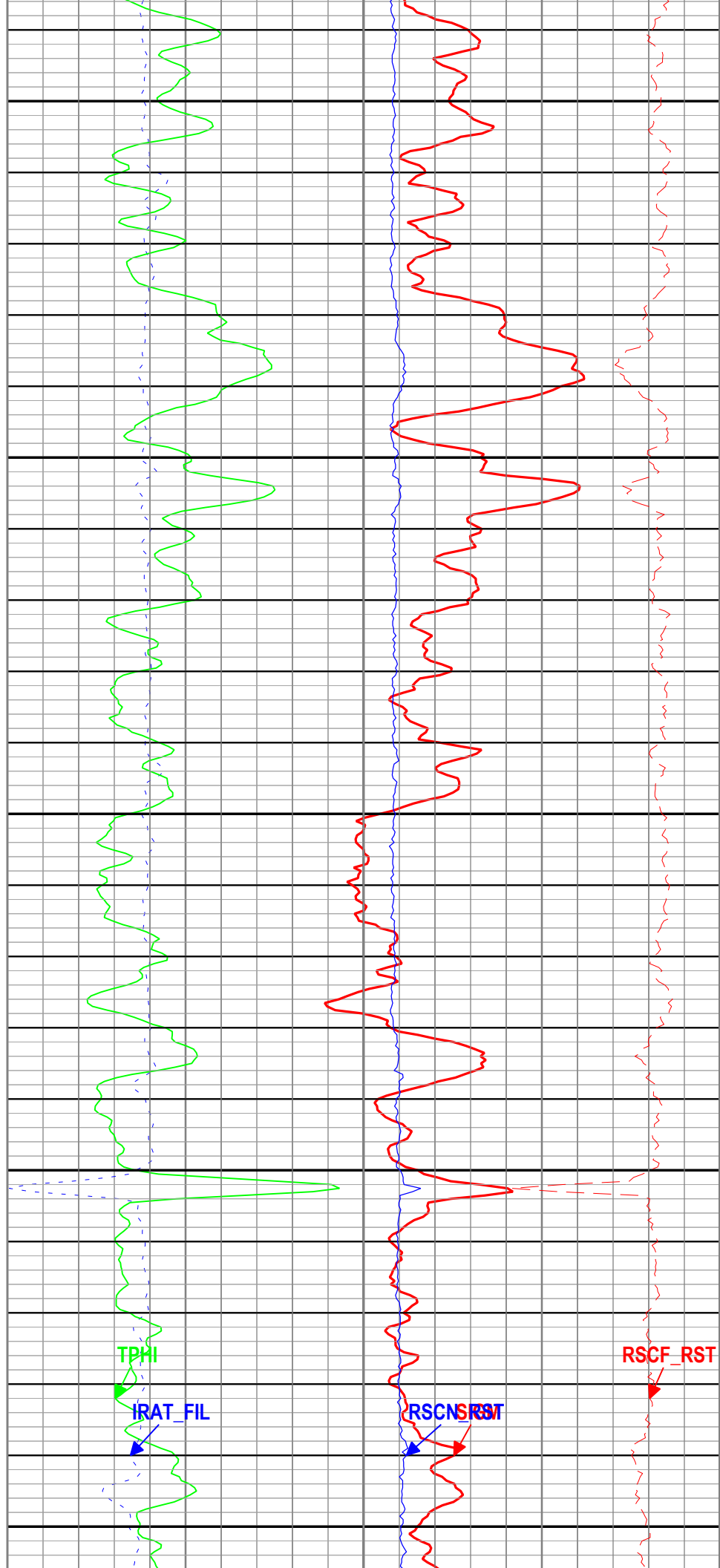
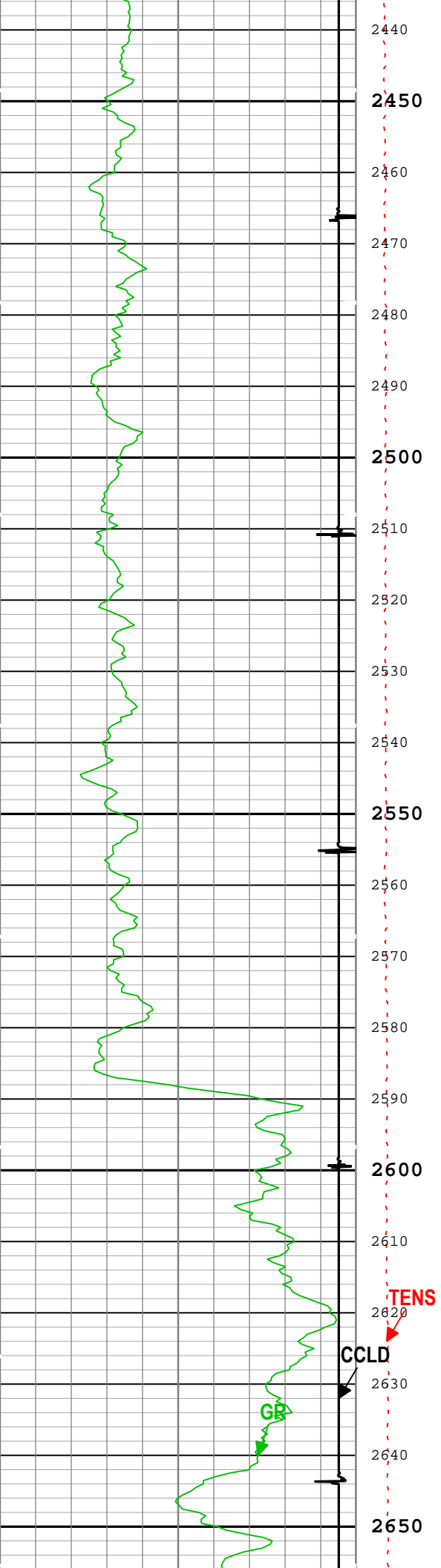
—ICV - Integrated Cement Volume every 100.00 (ft3)

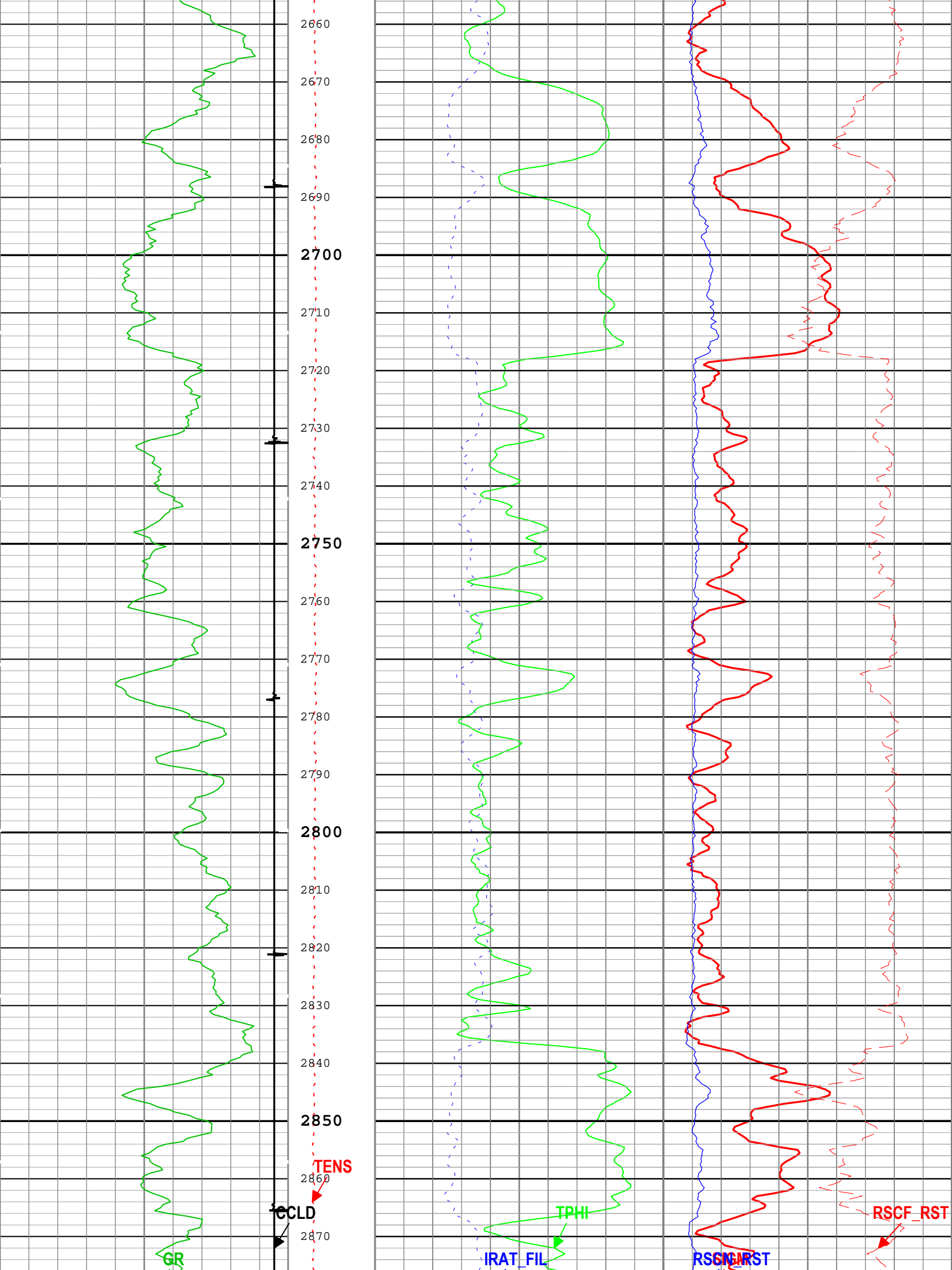
TIME_1900 - Time Marked every 60.00 (s)

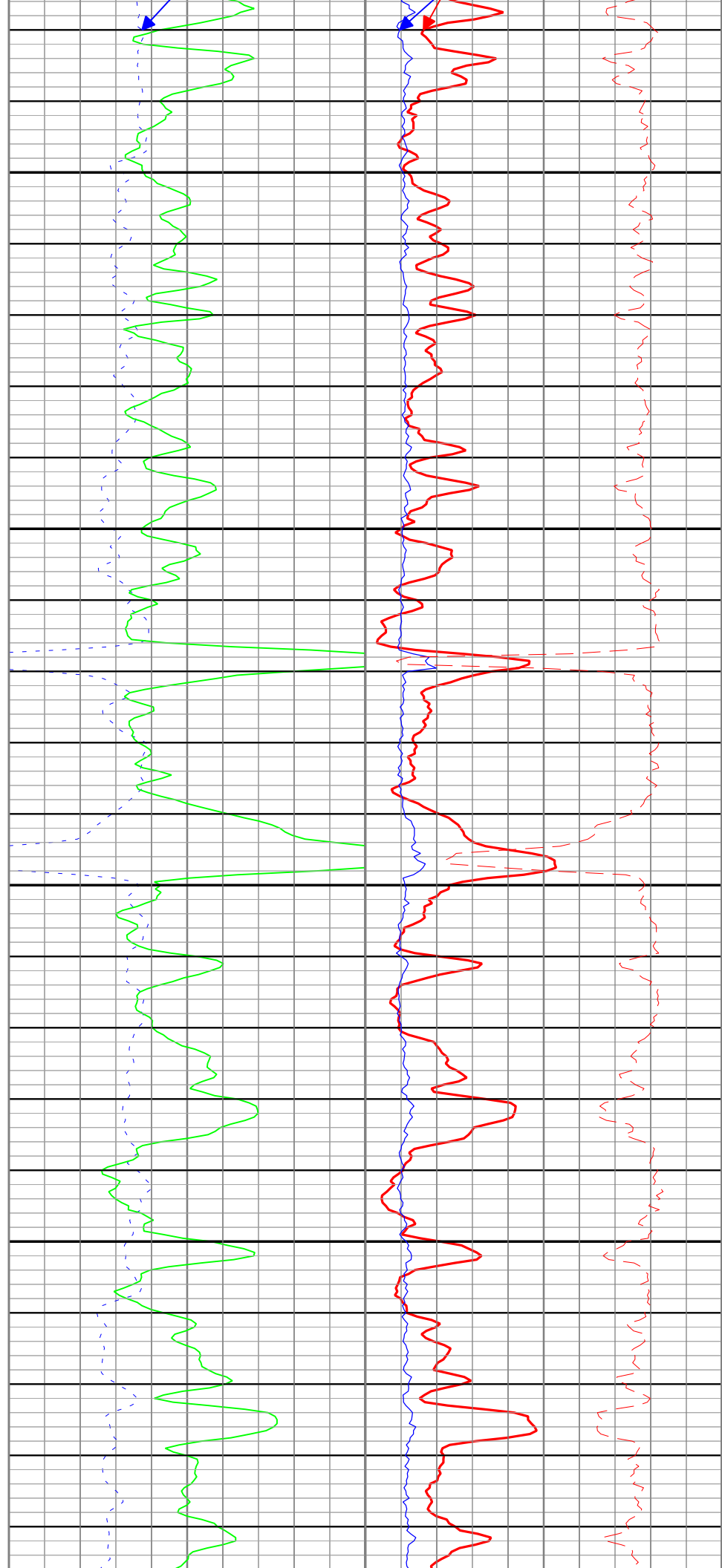
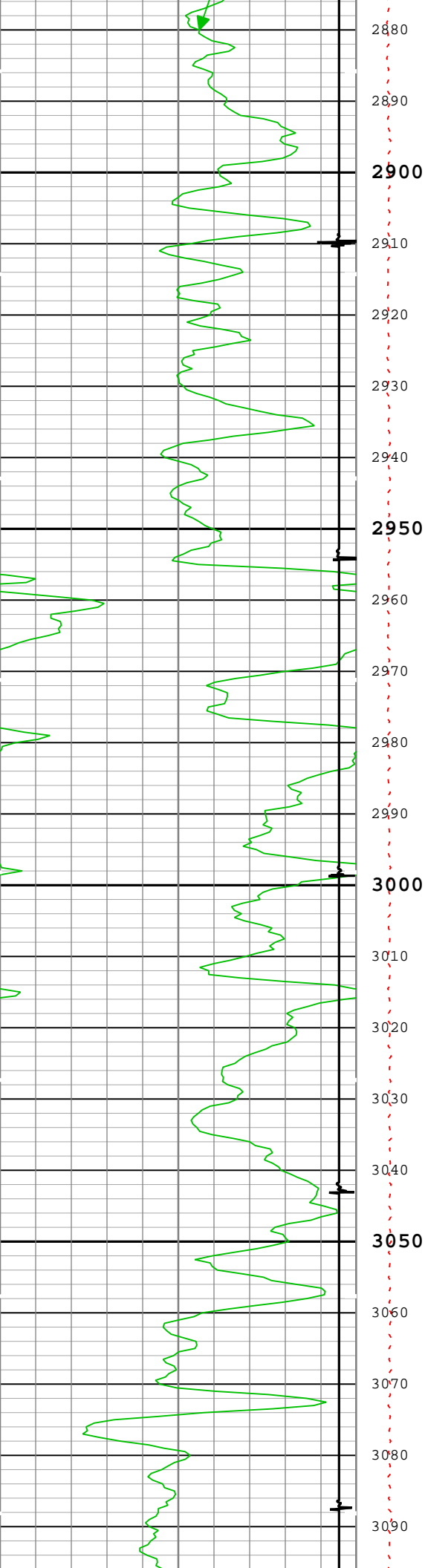


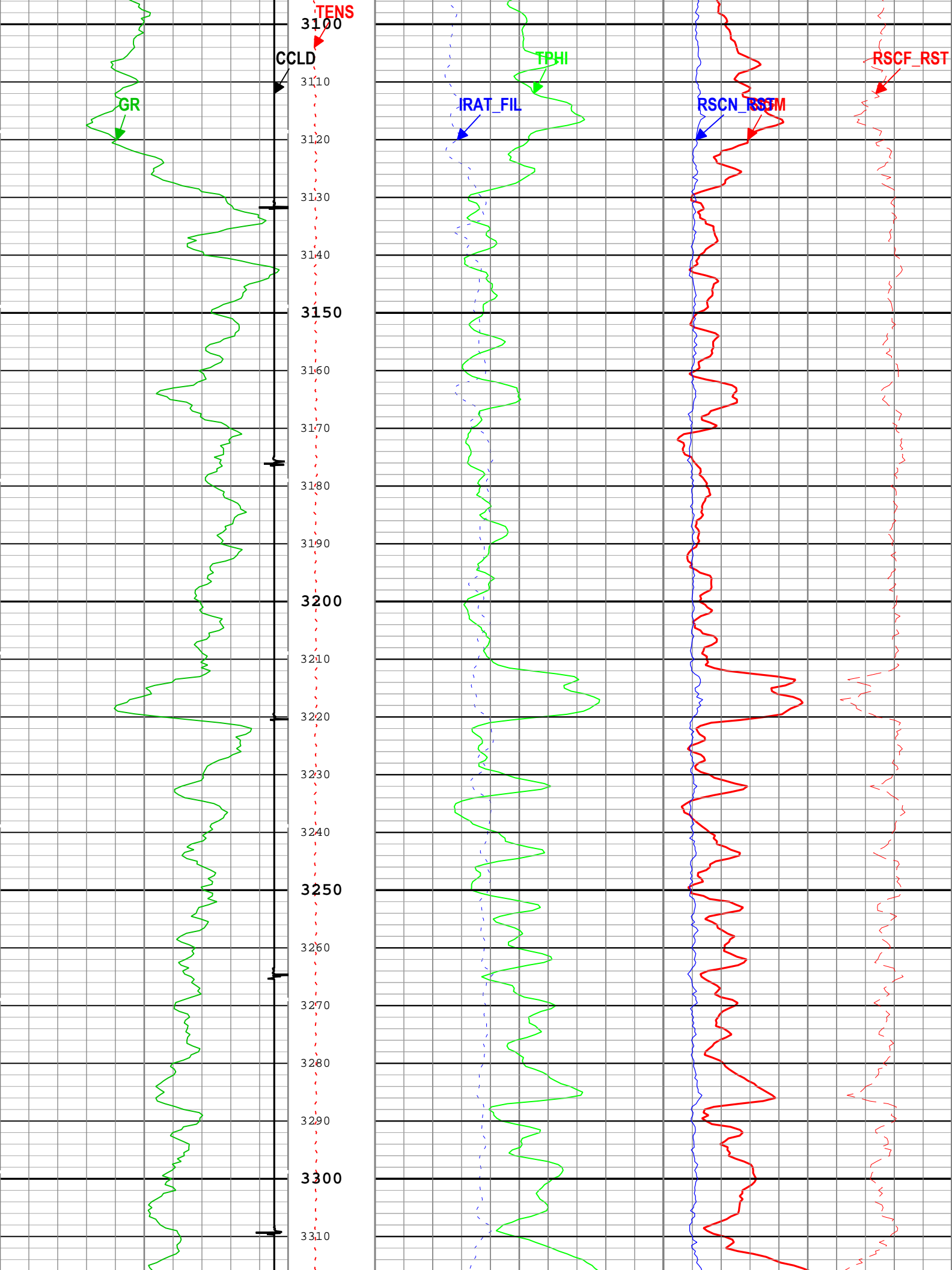


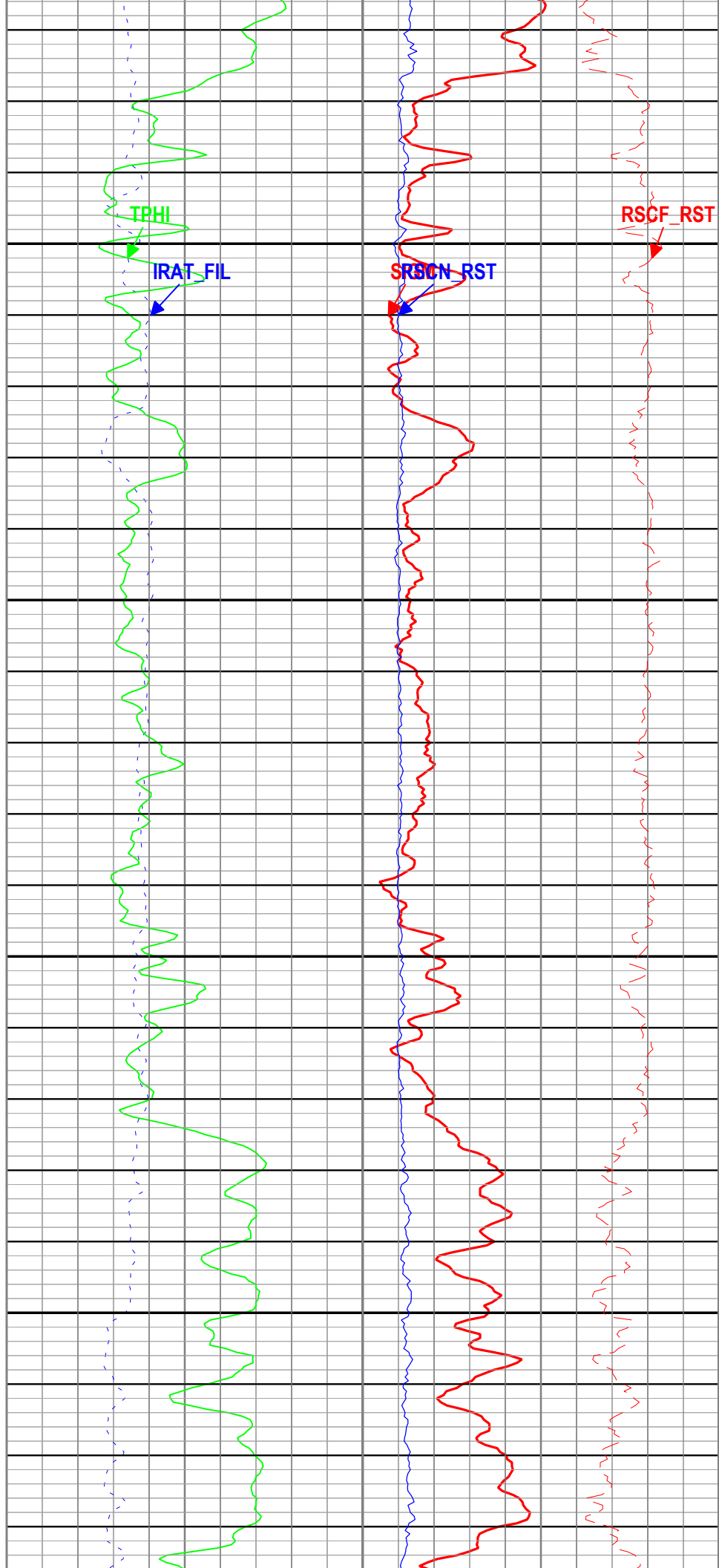
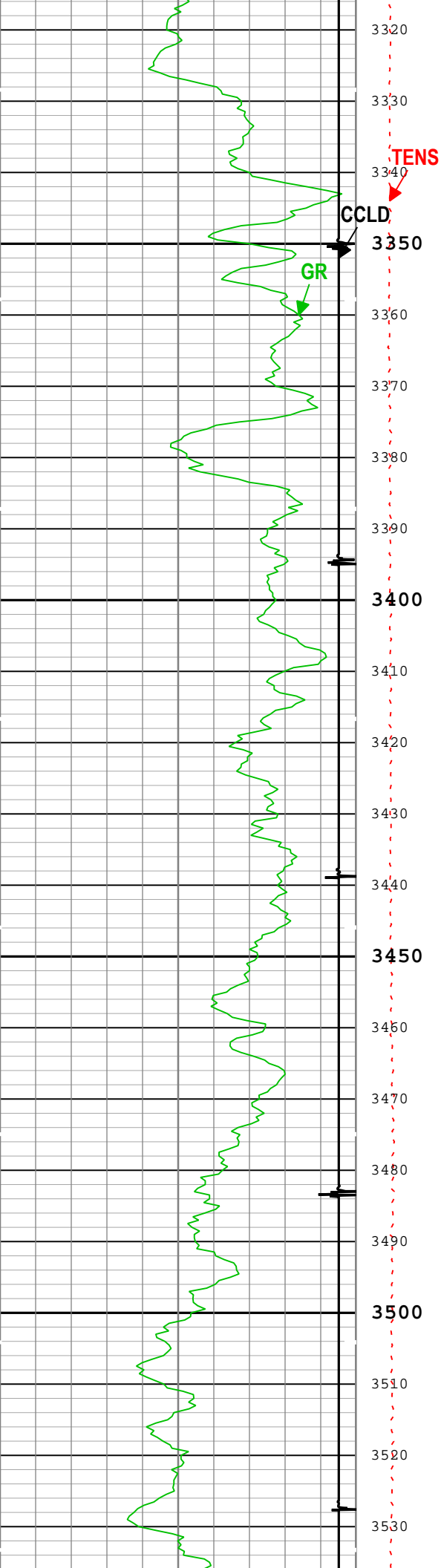


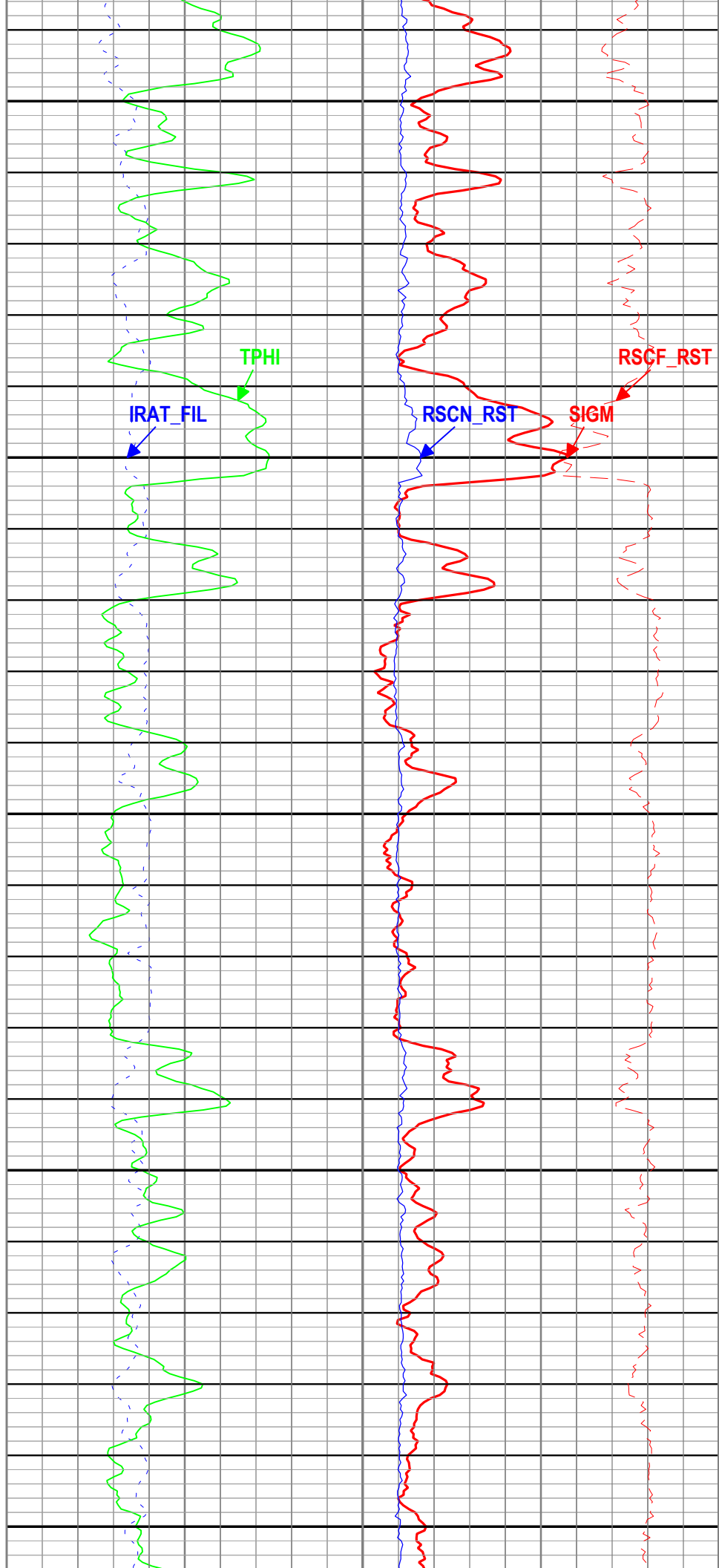
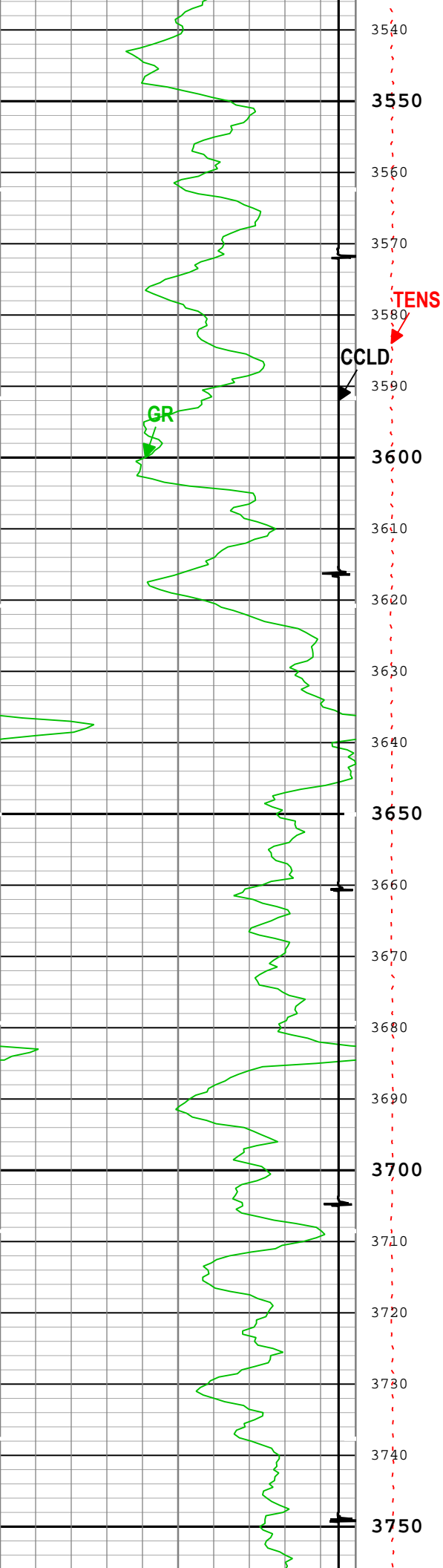


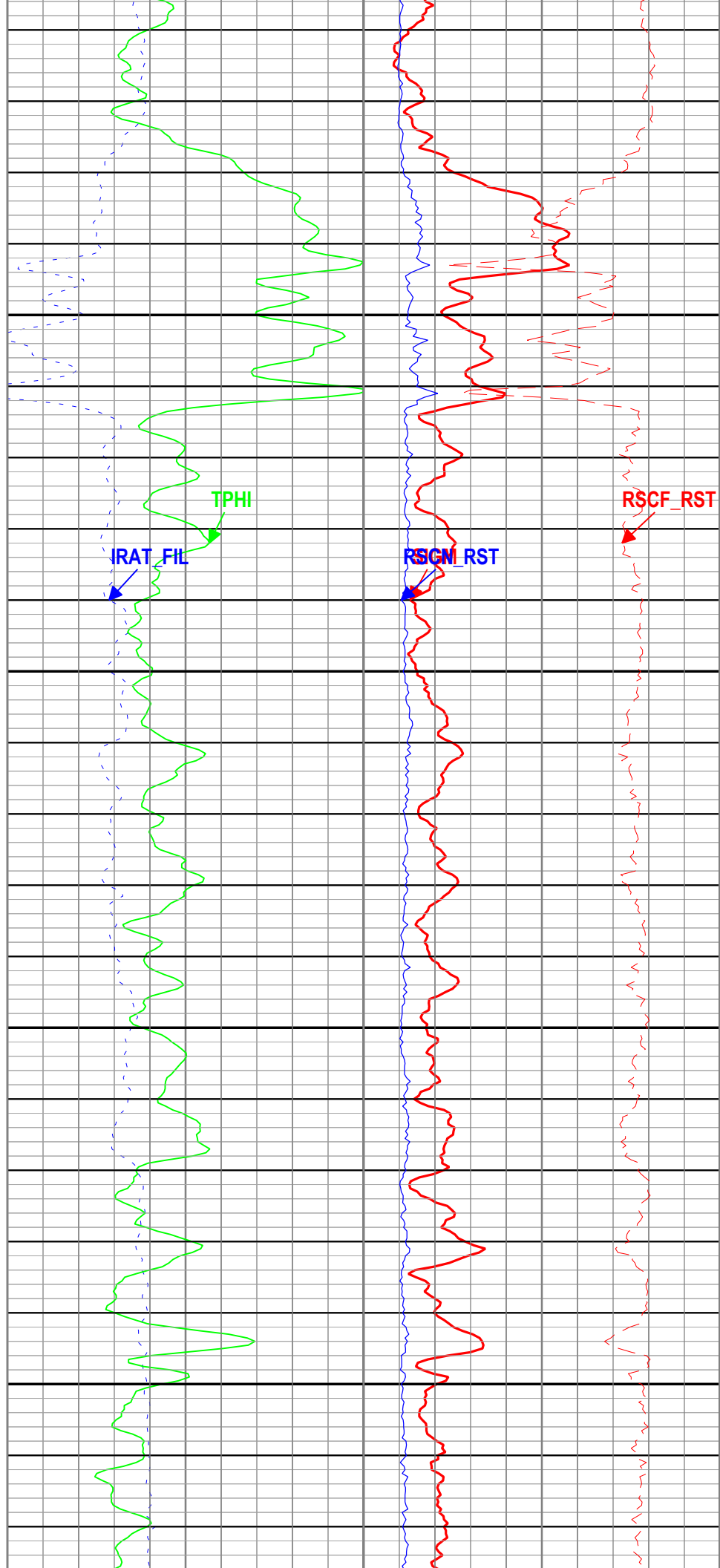
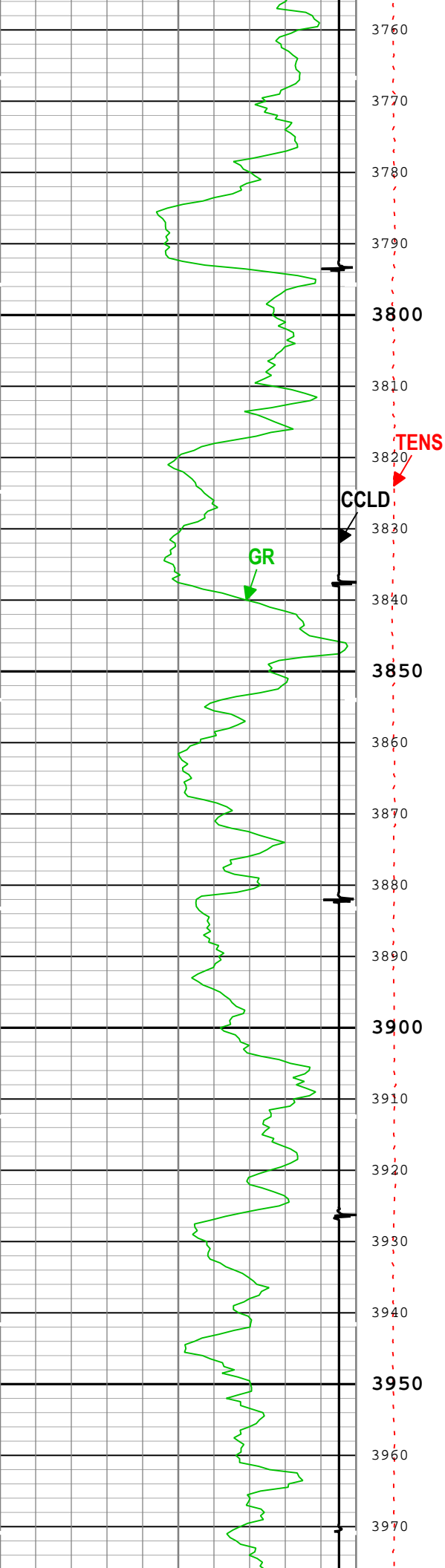


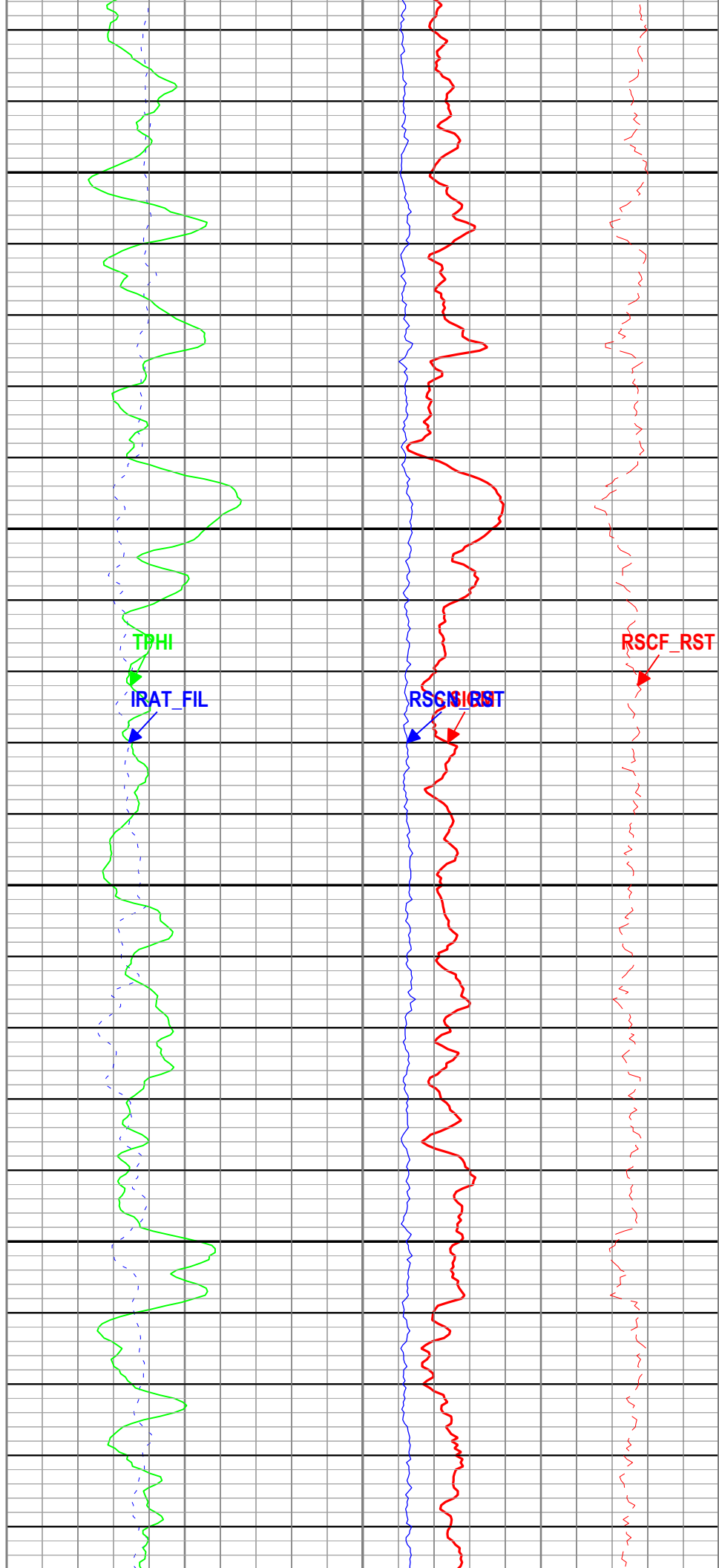
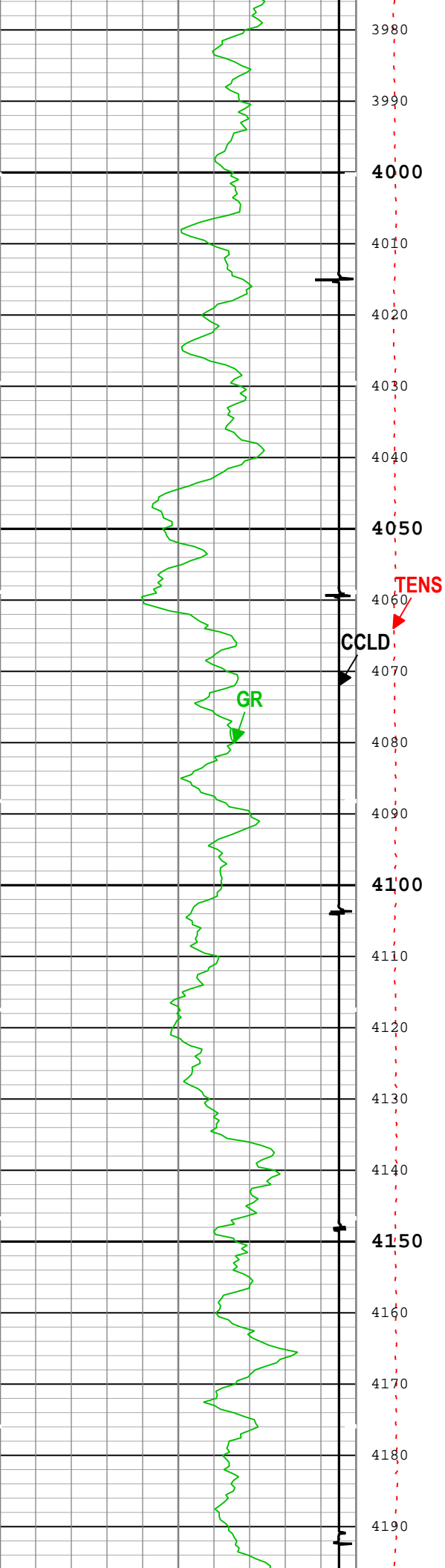


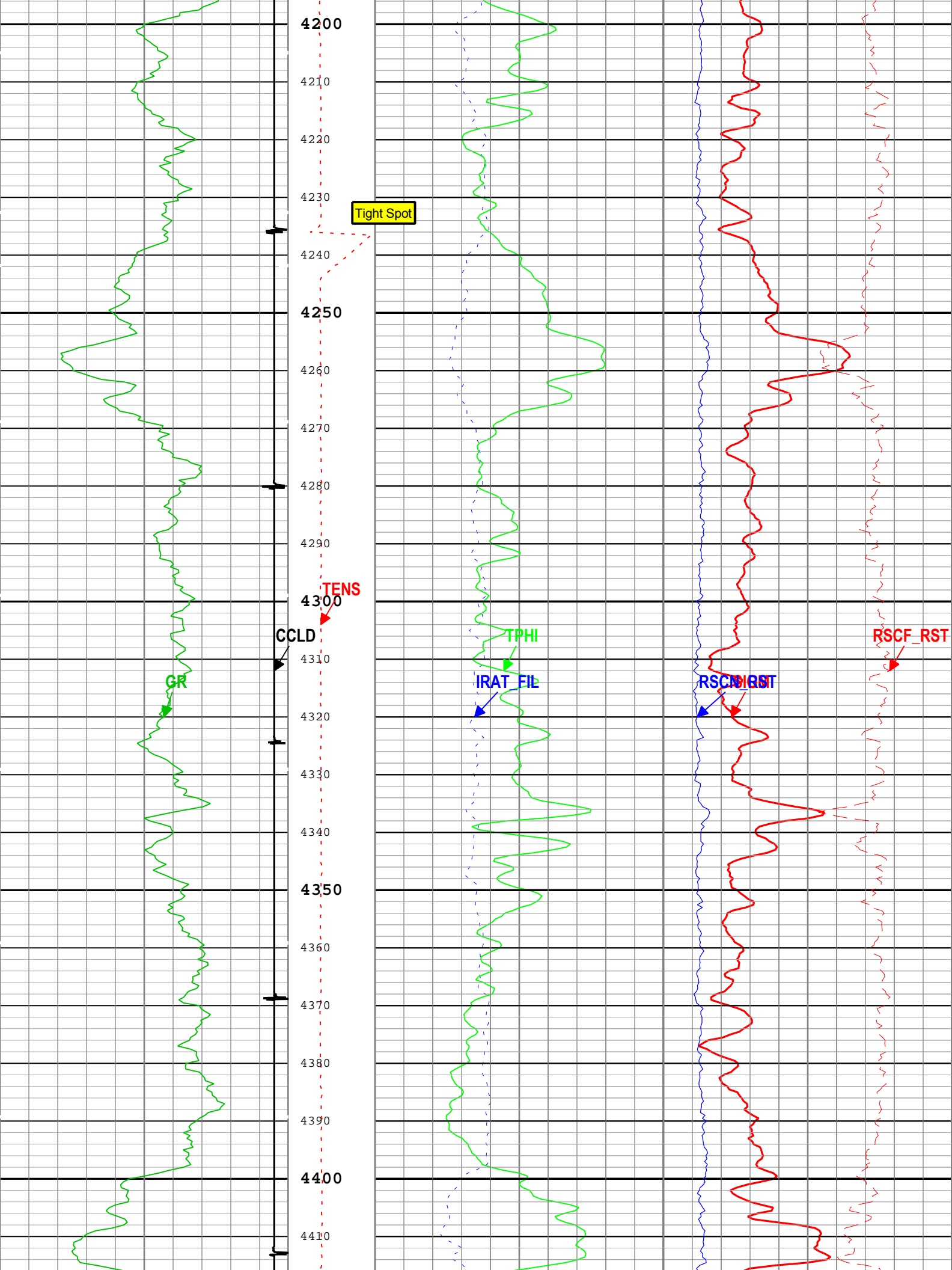


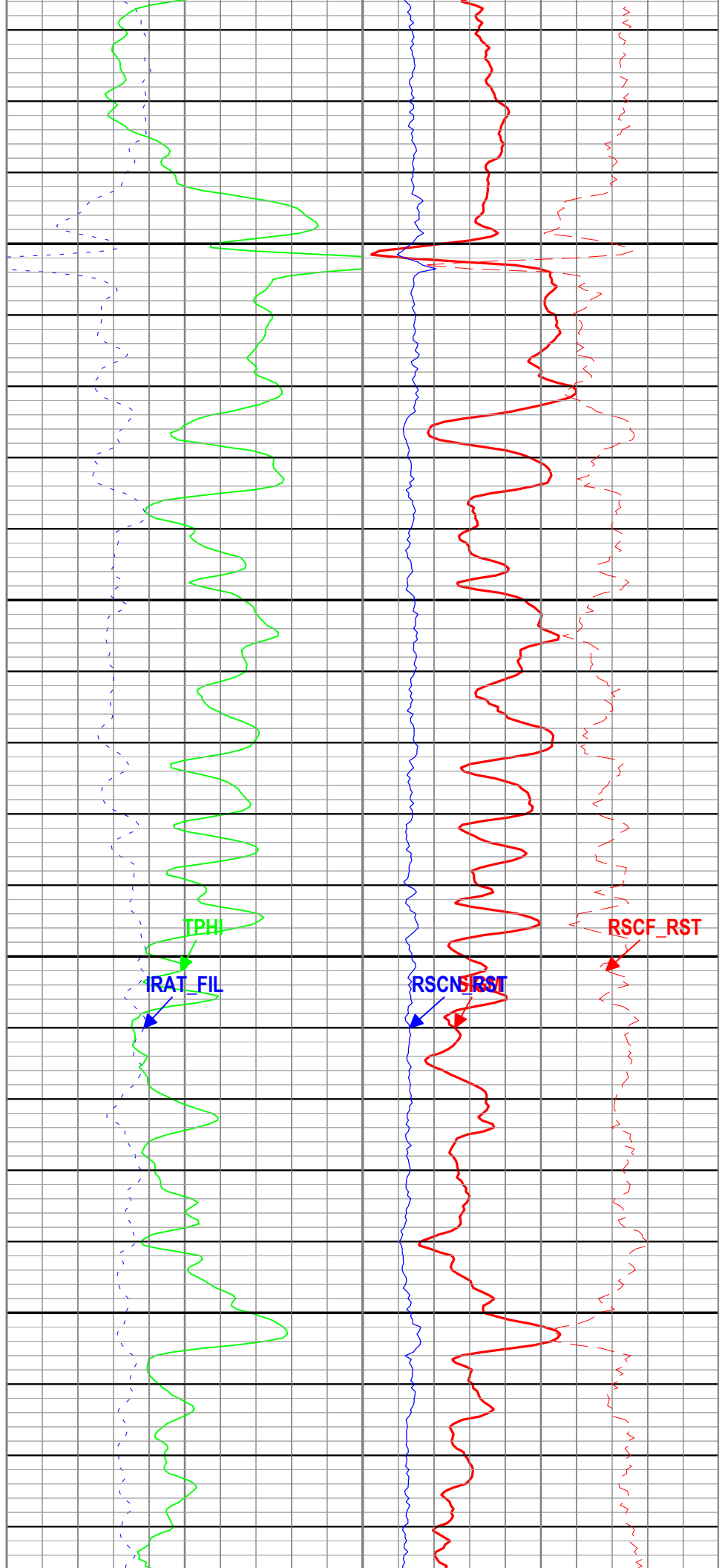
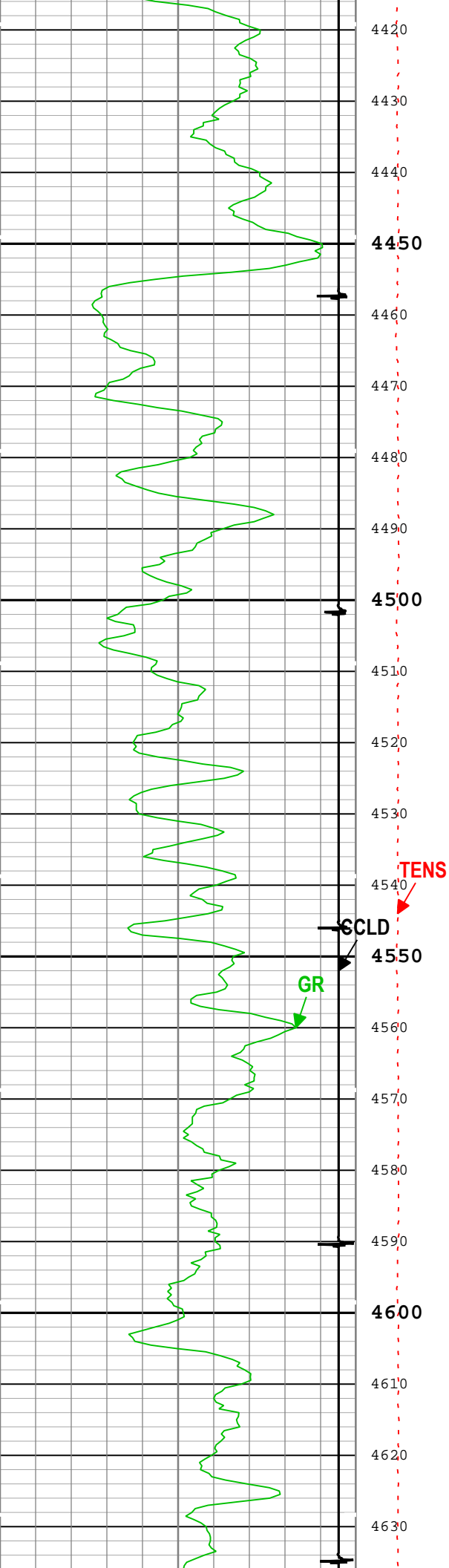


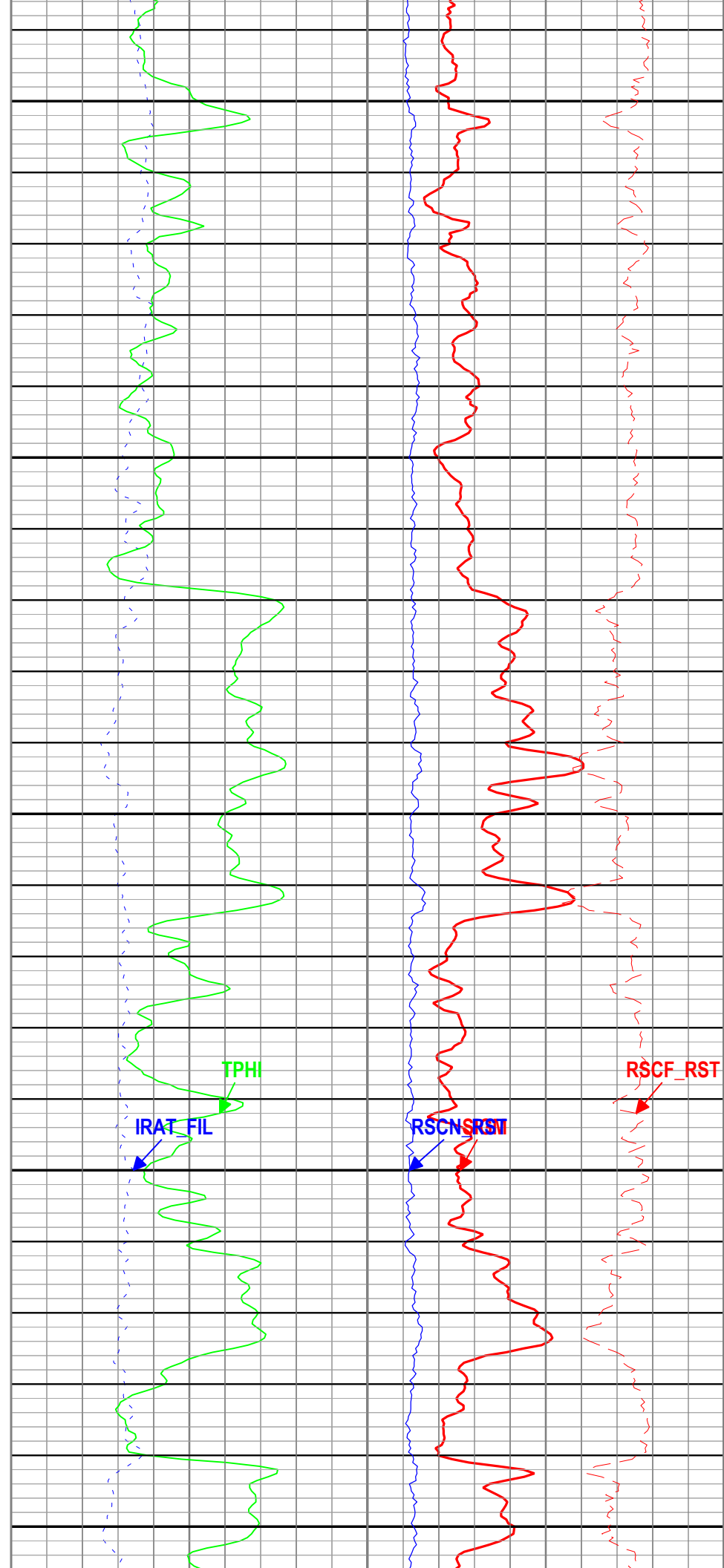
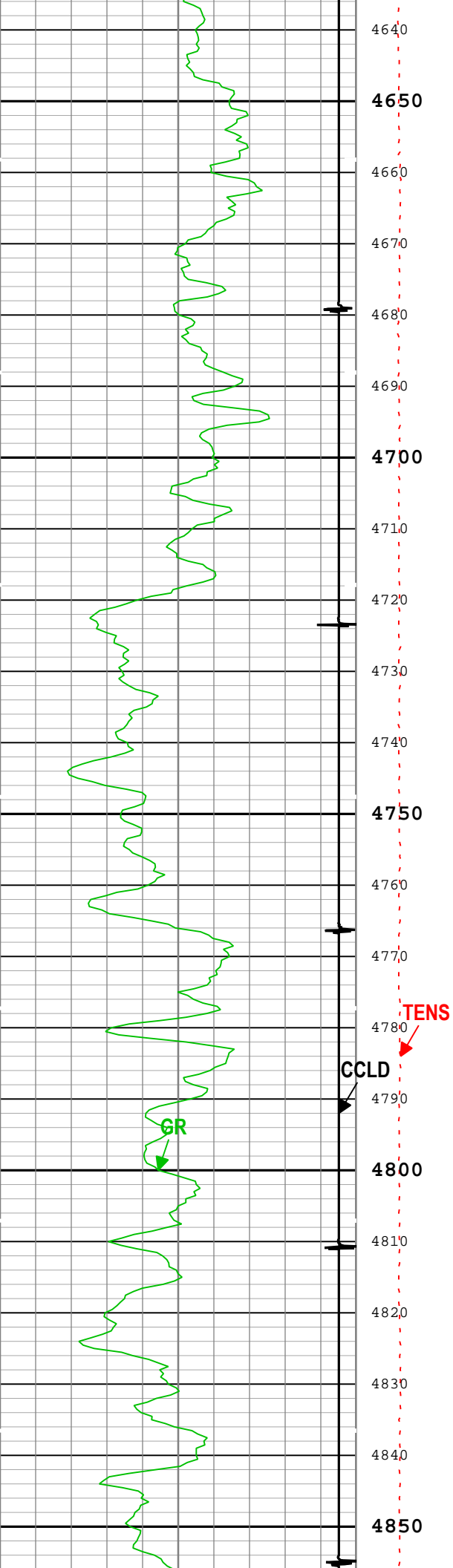


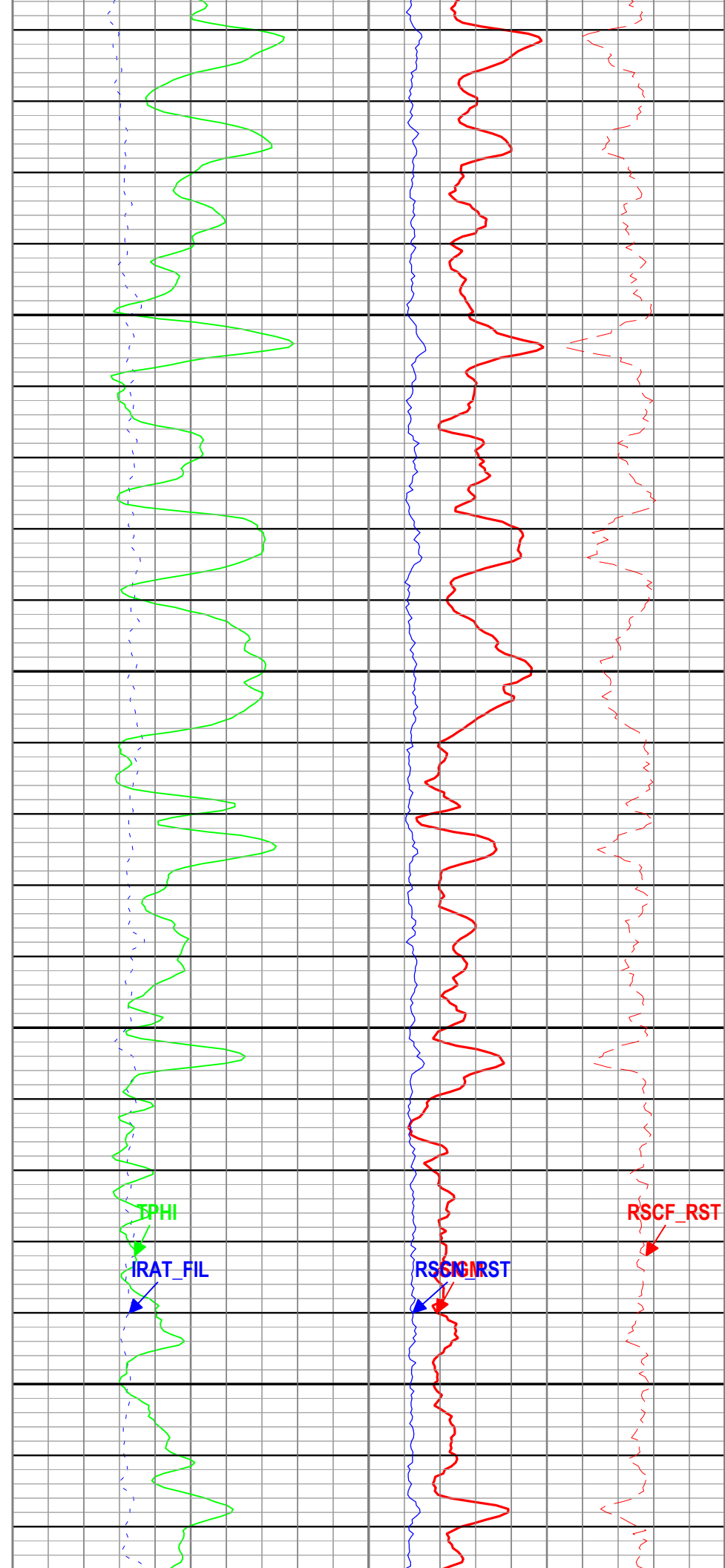
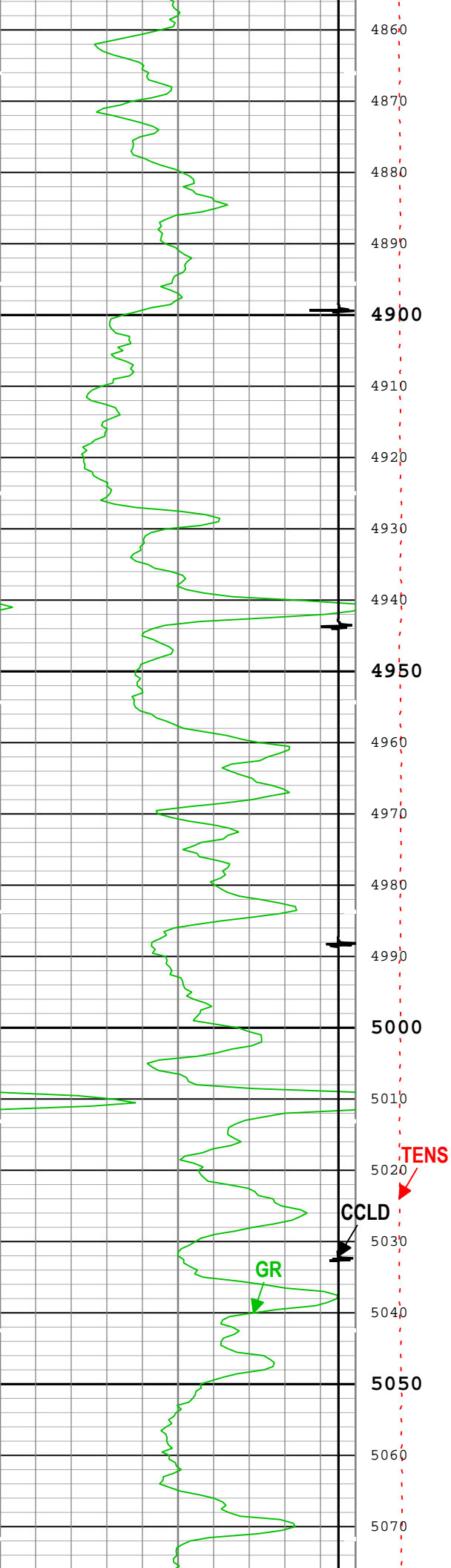


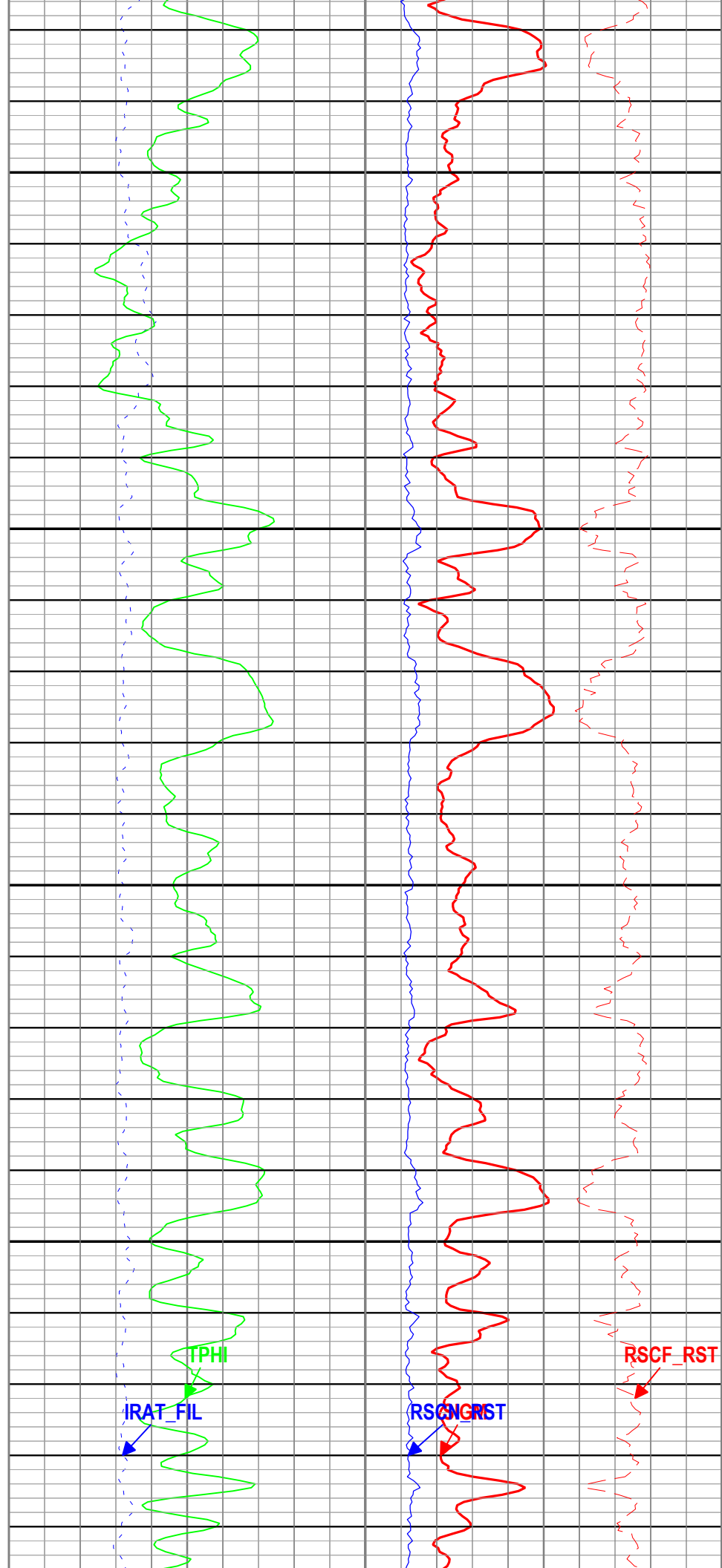
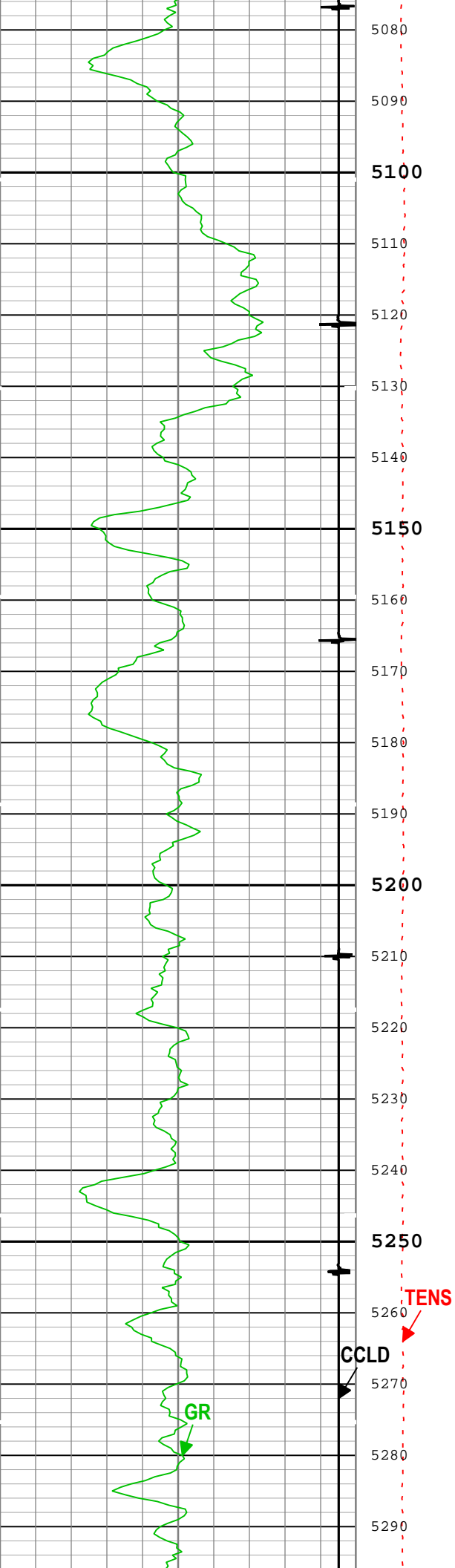


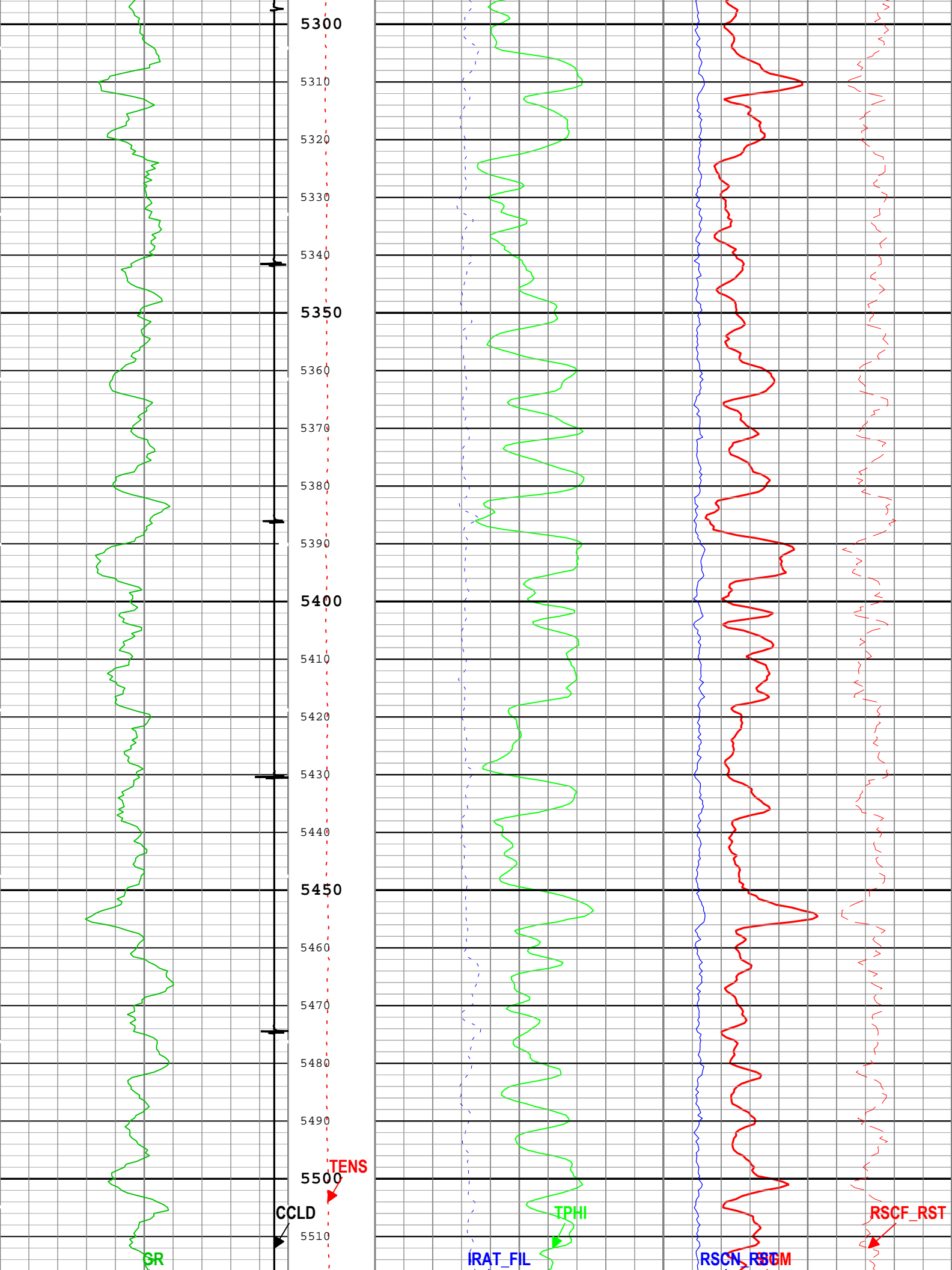


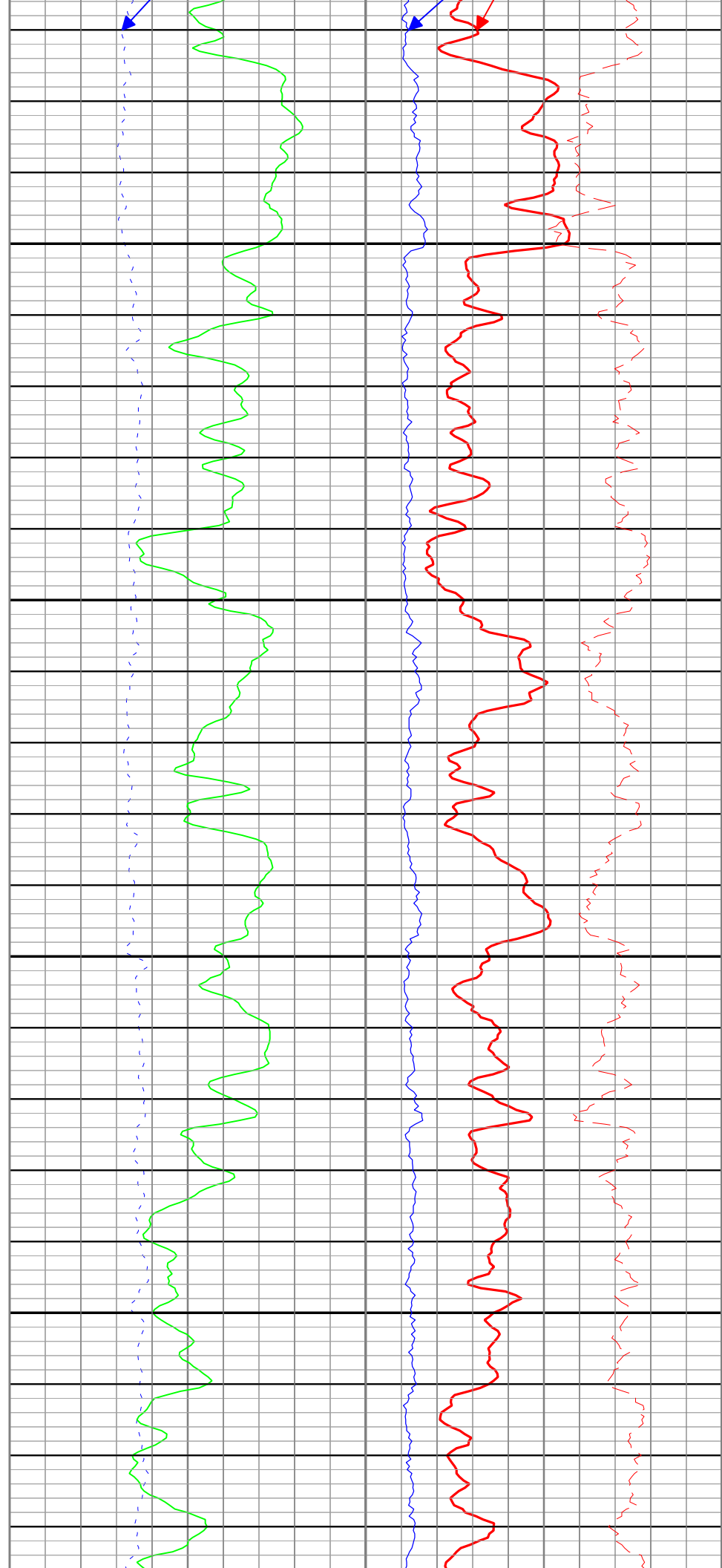
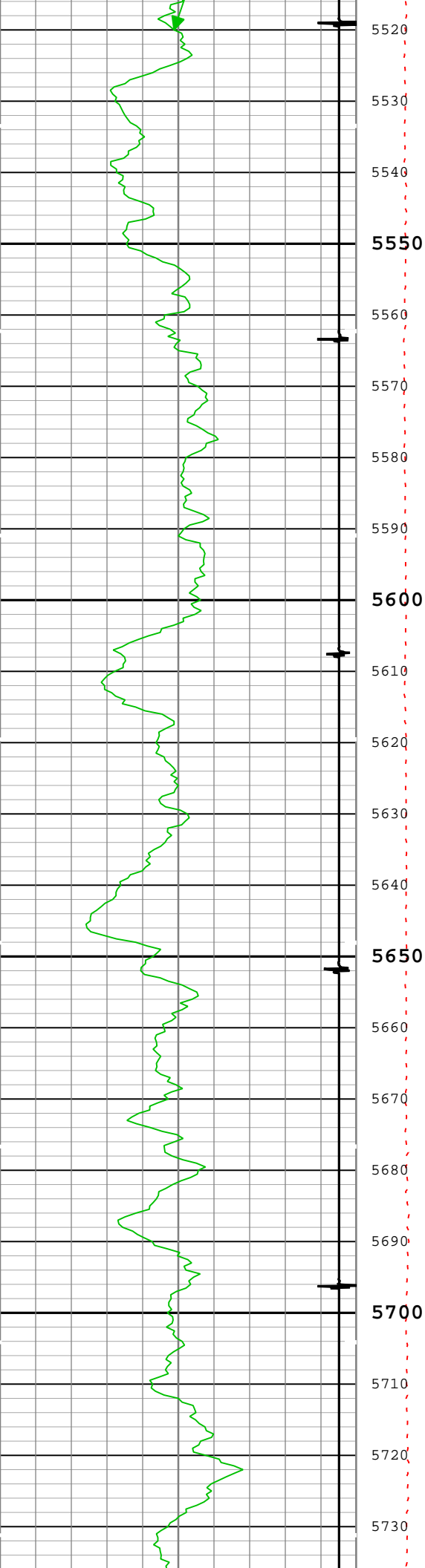


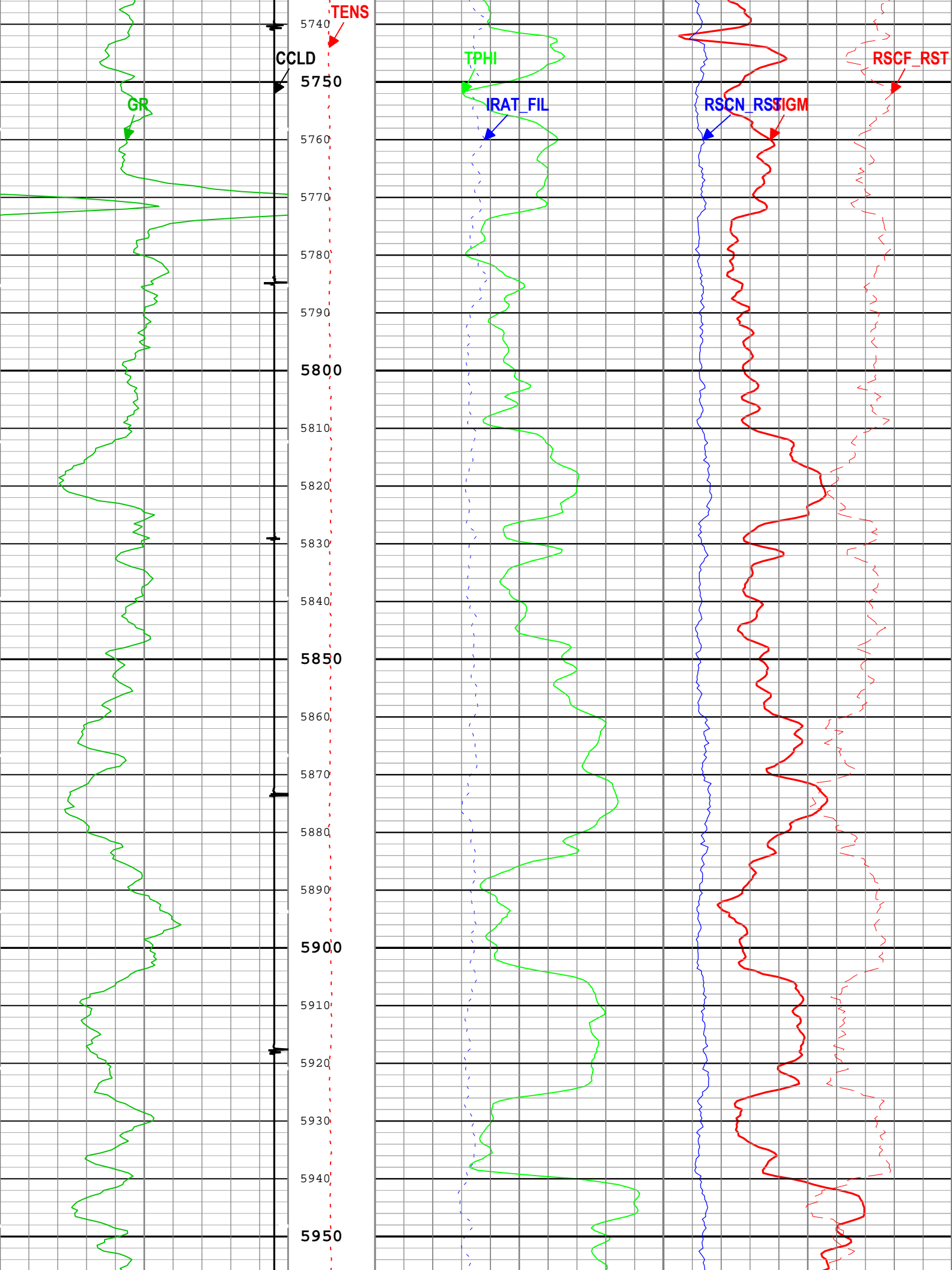


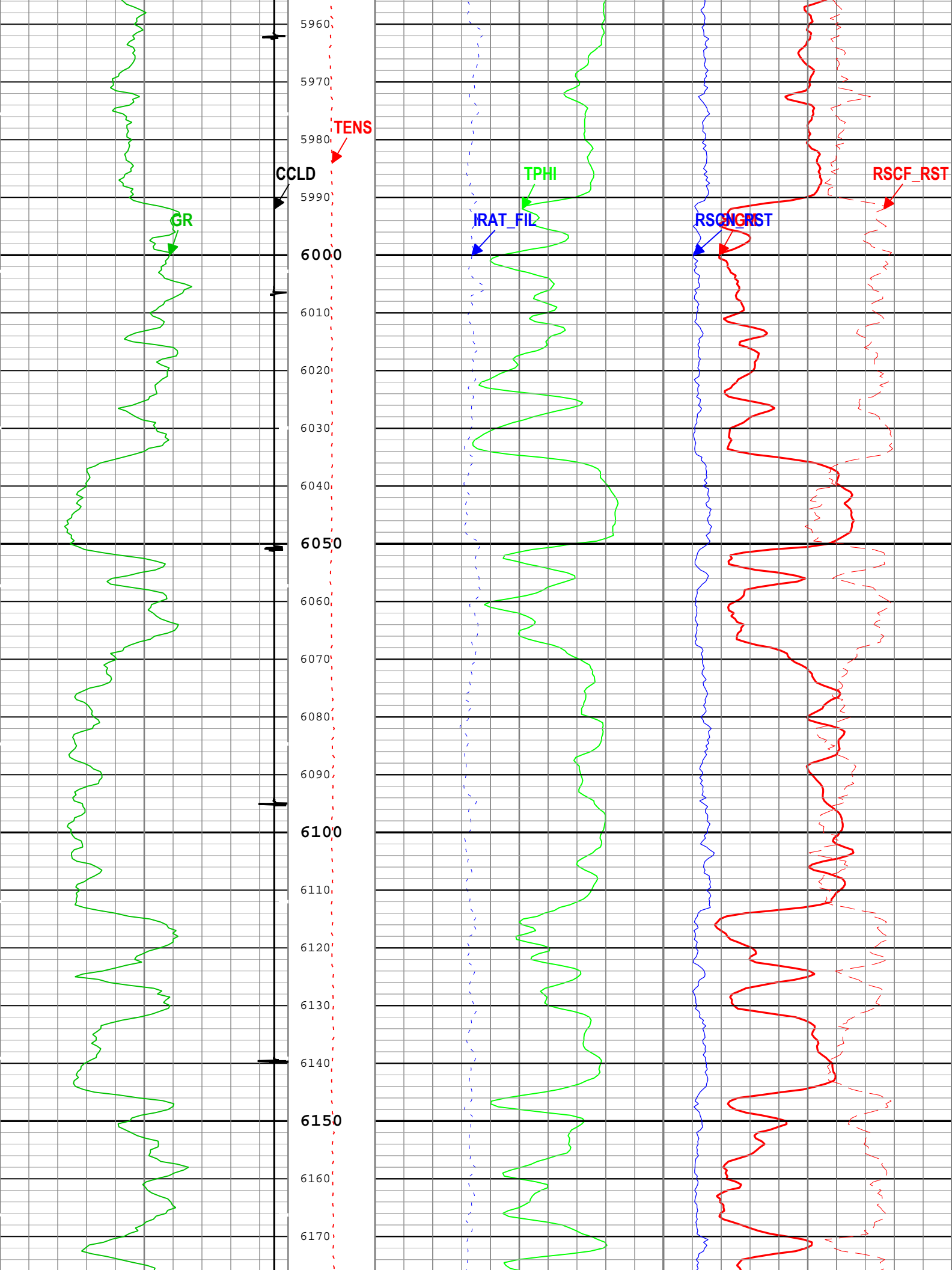


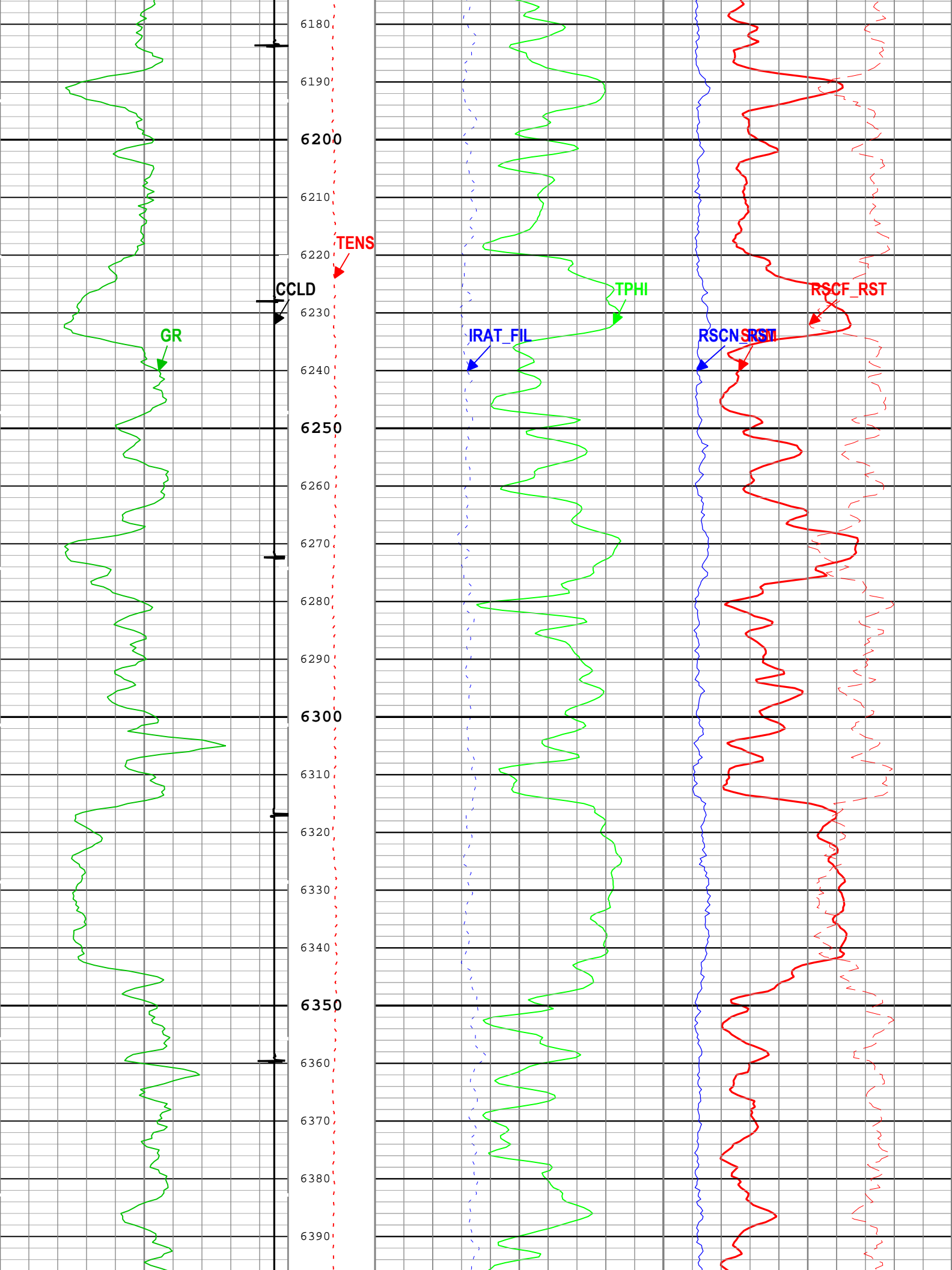


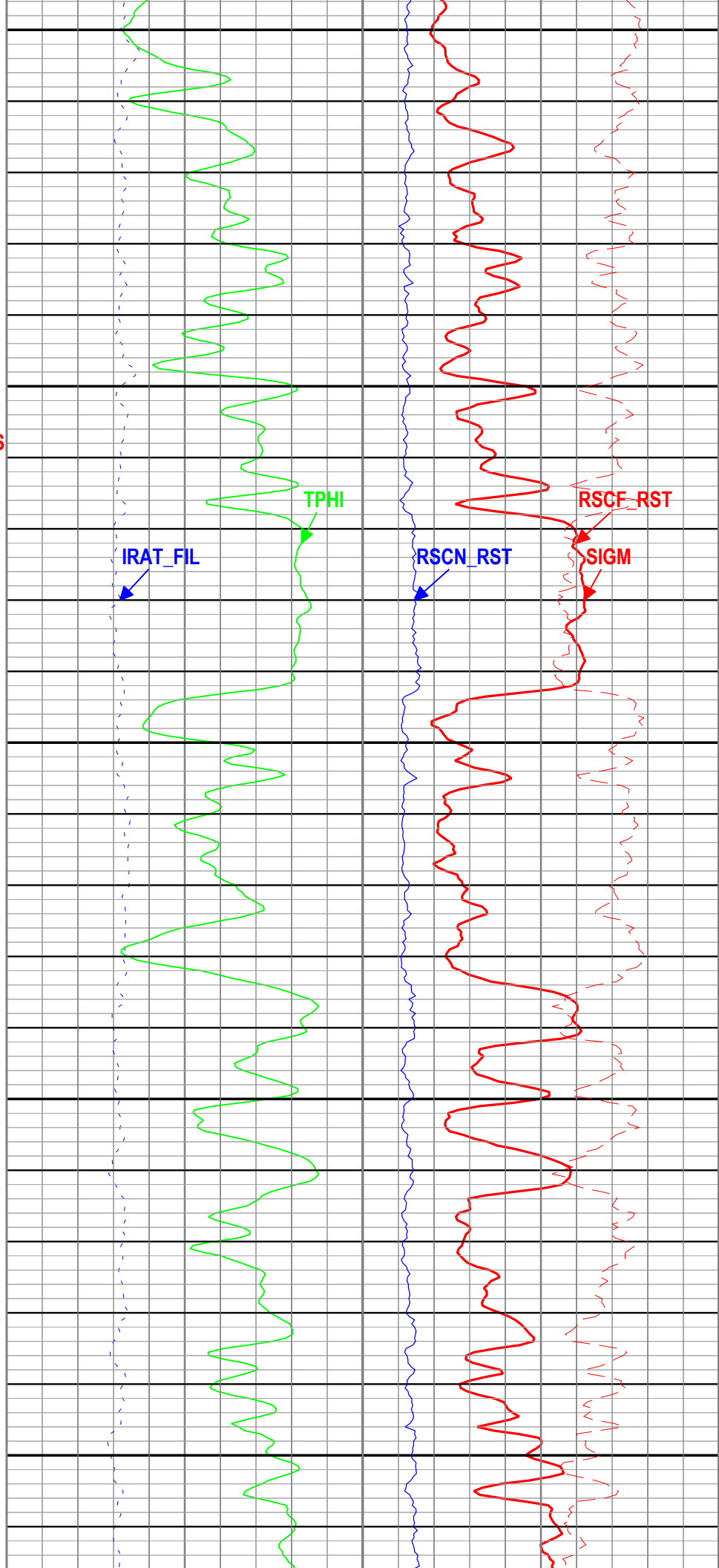
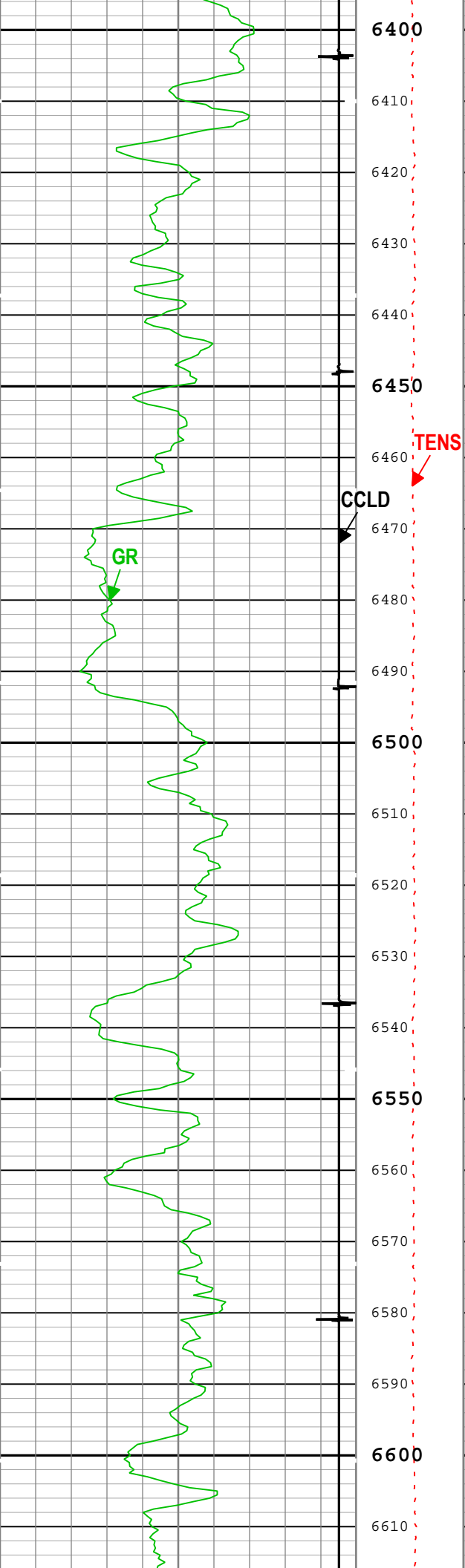


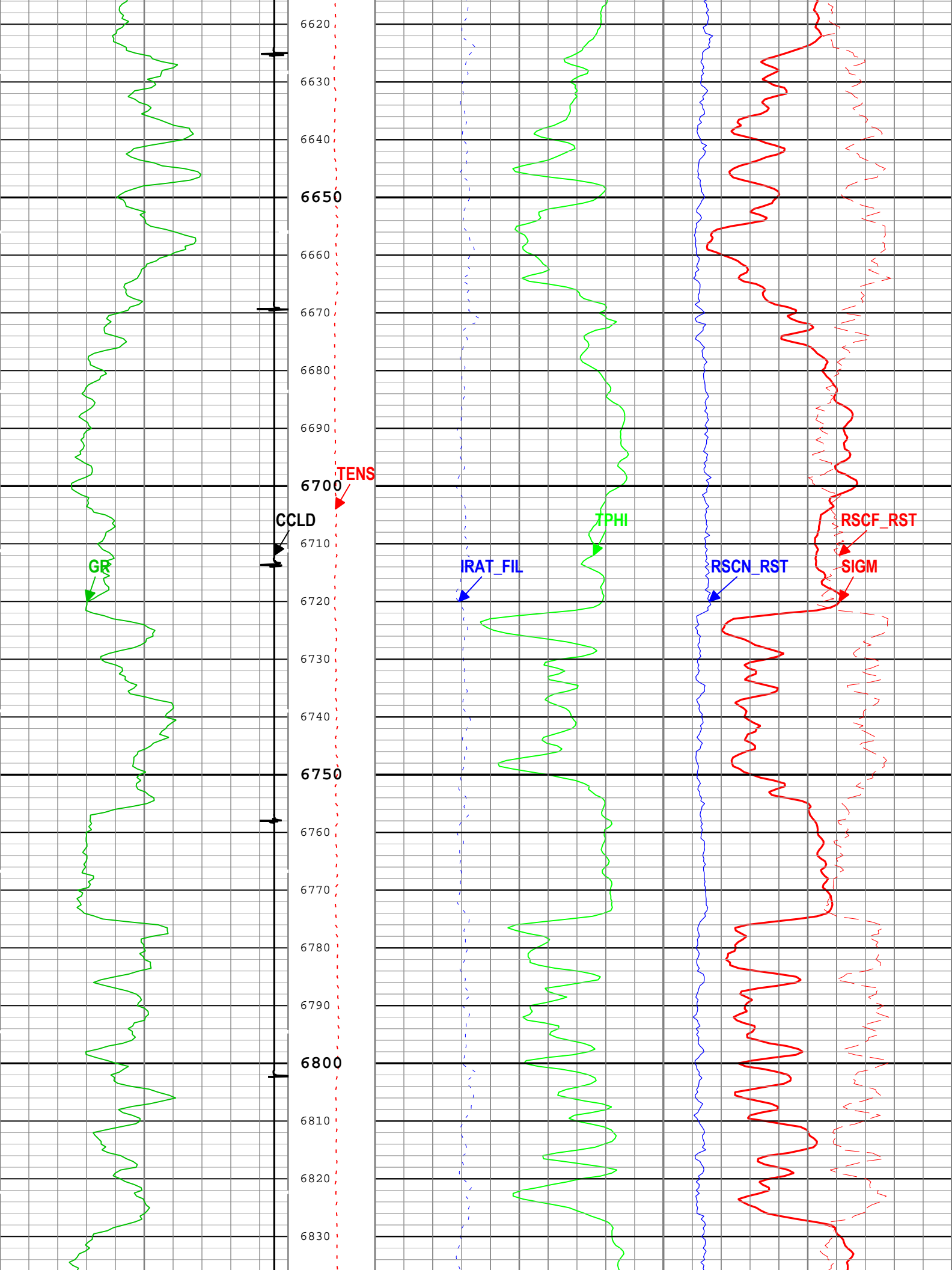


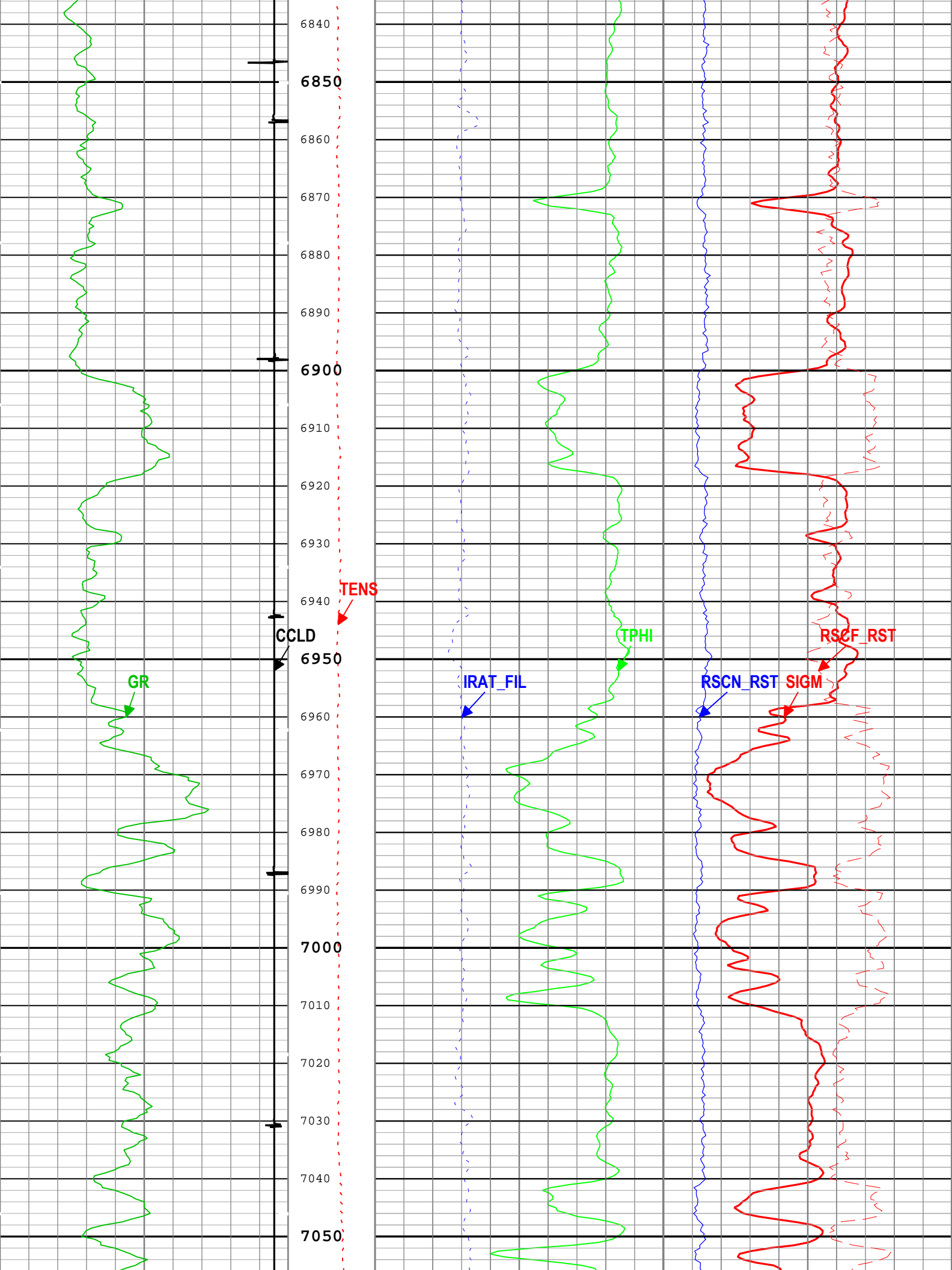


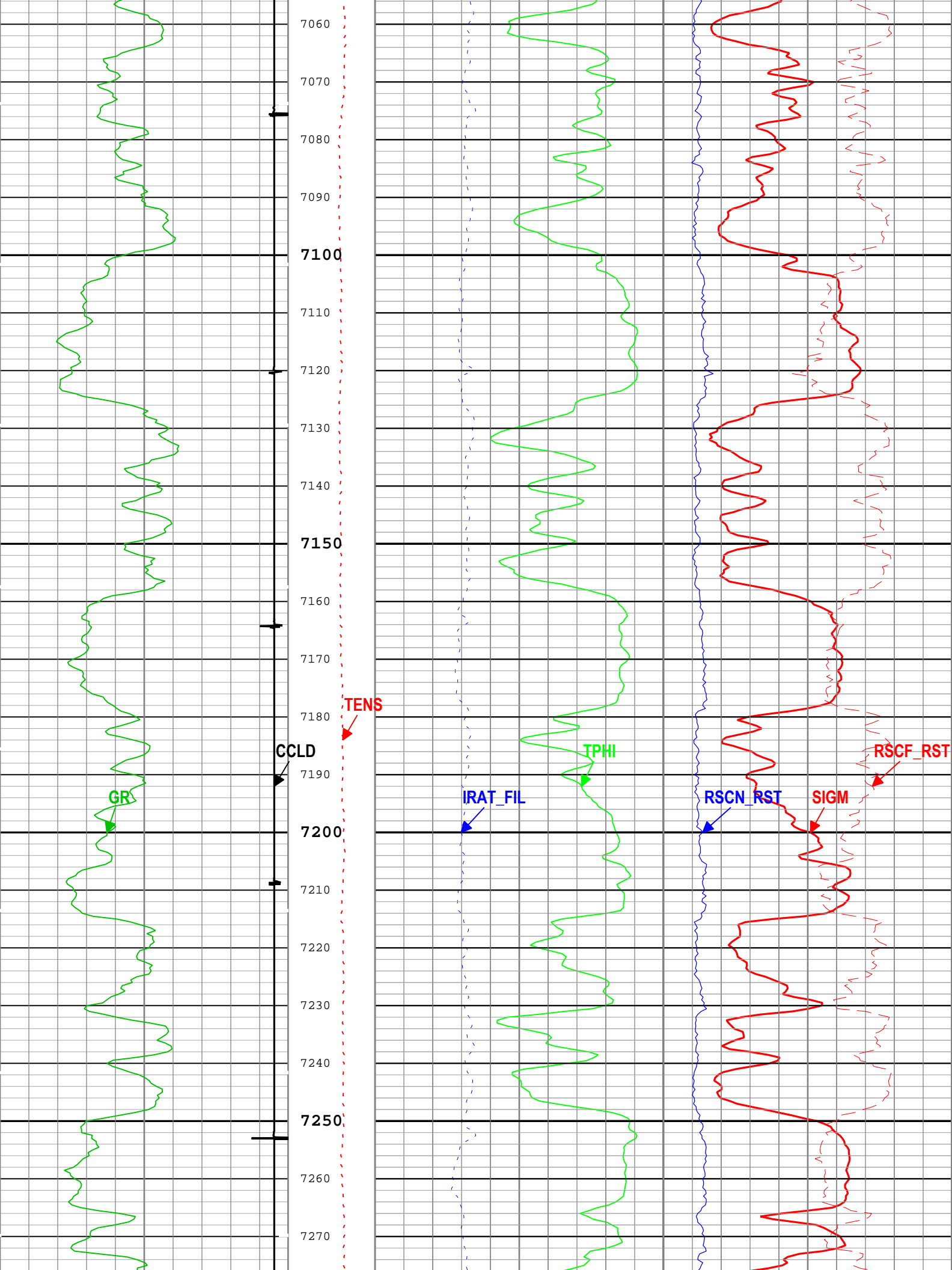


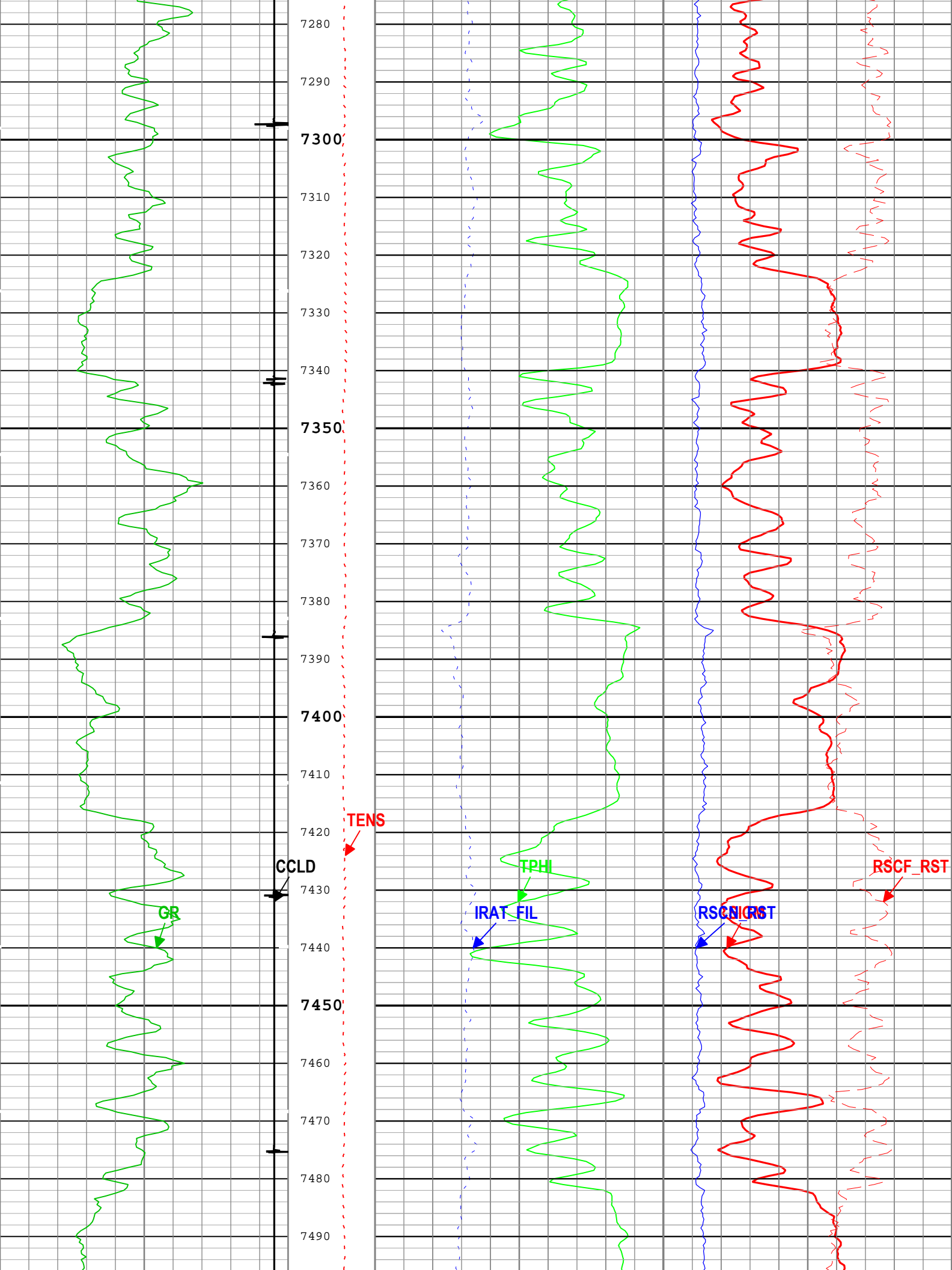


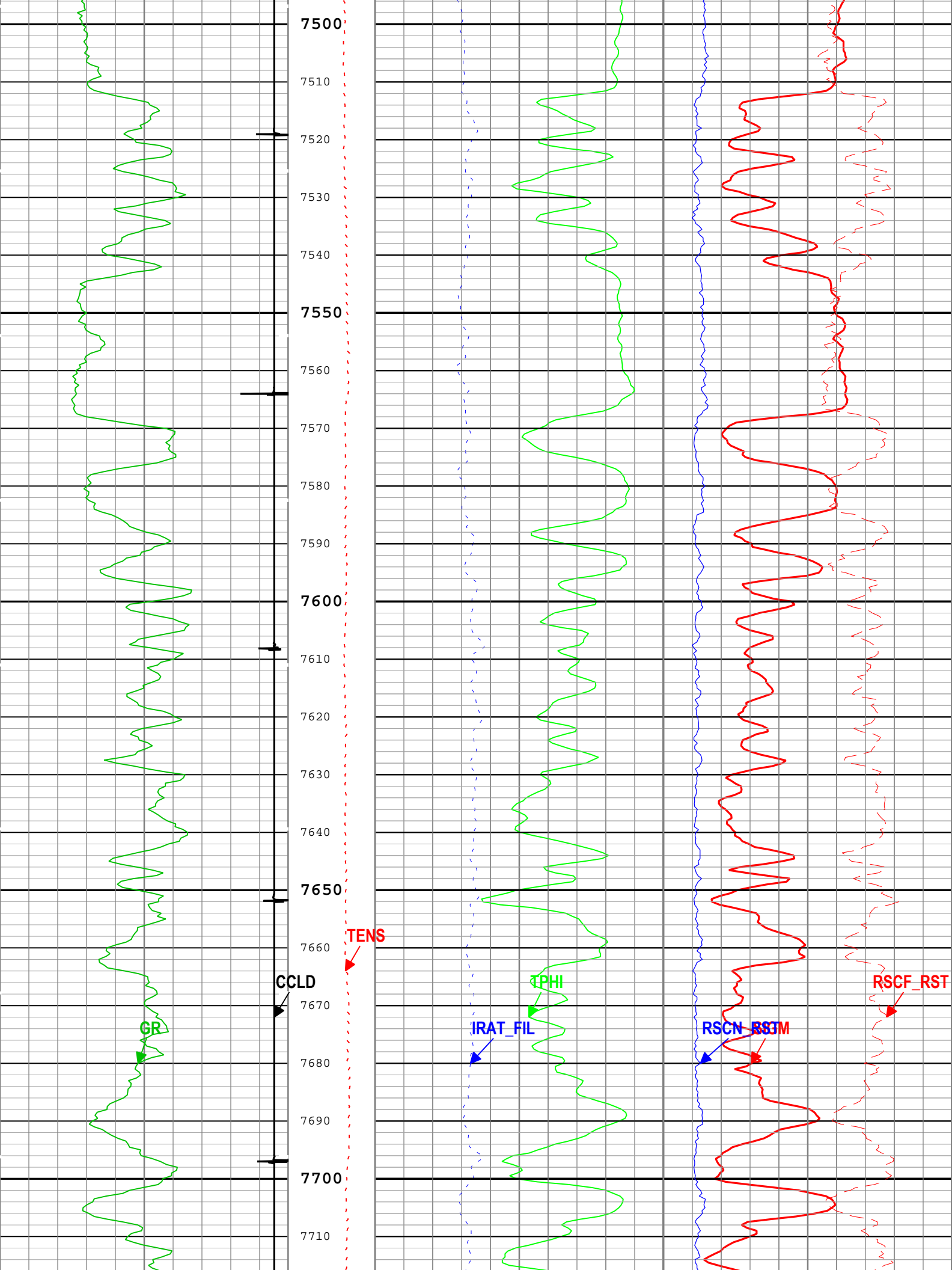


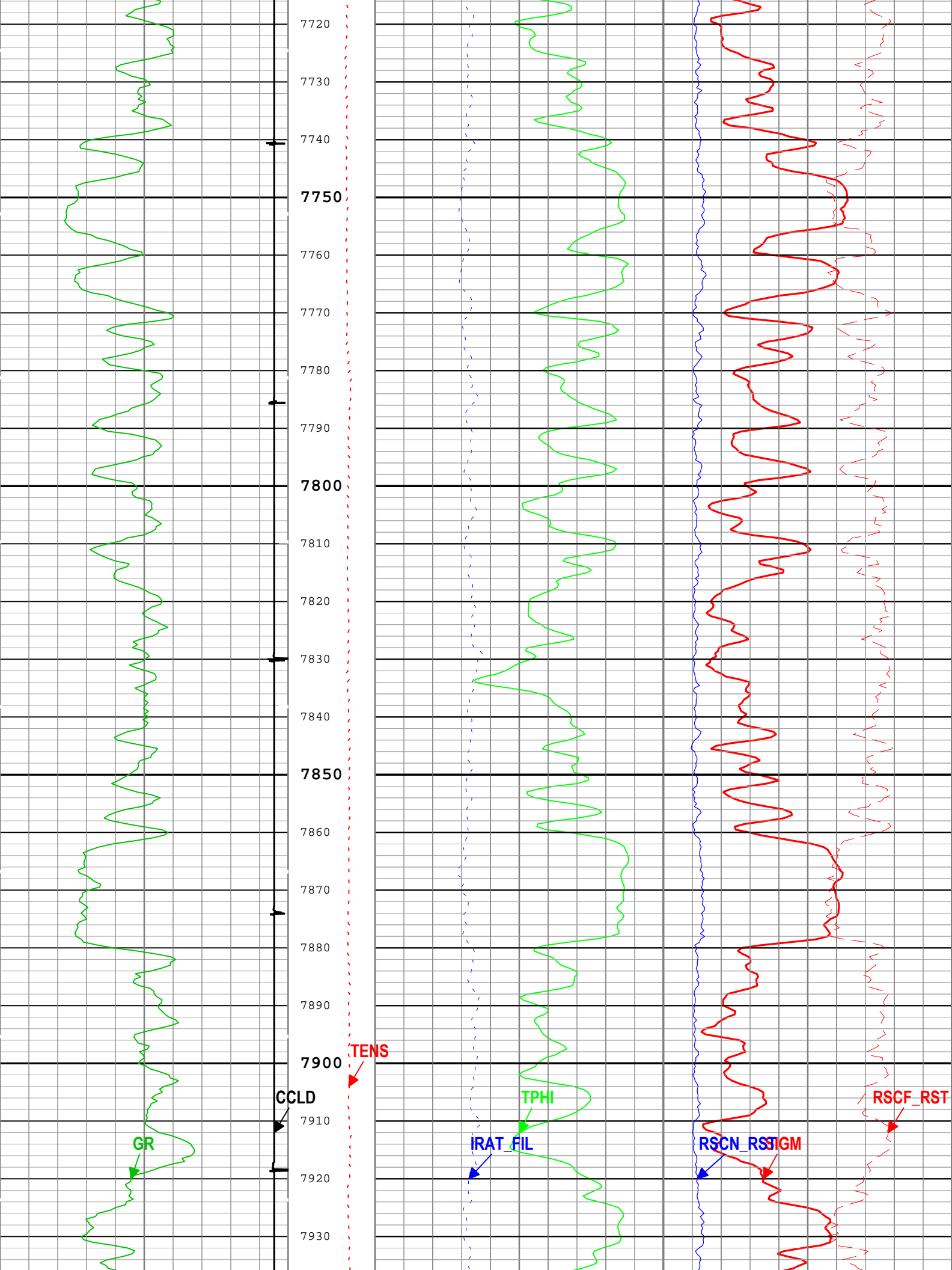


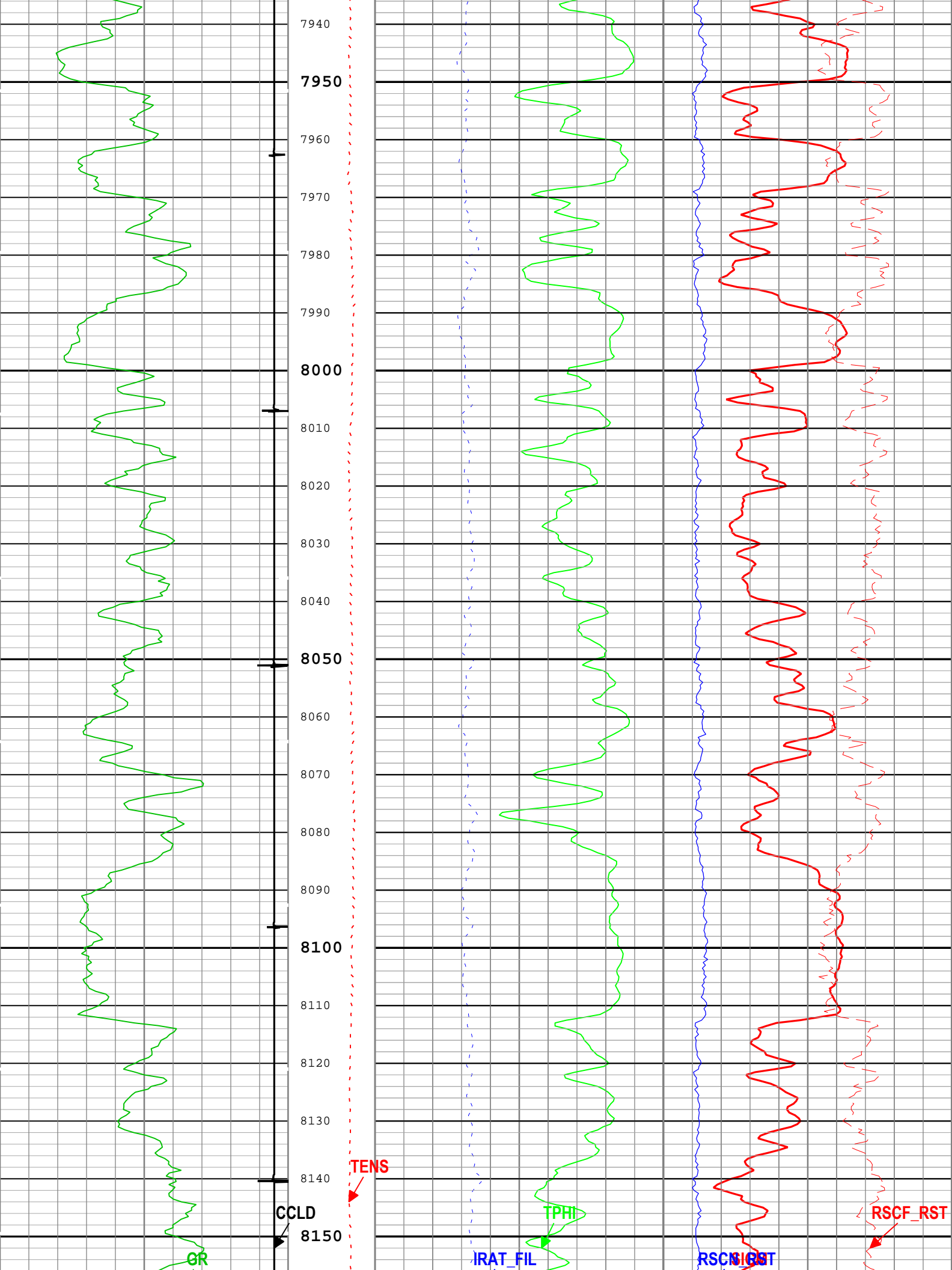


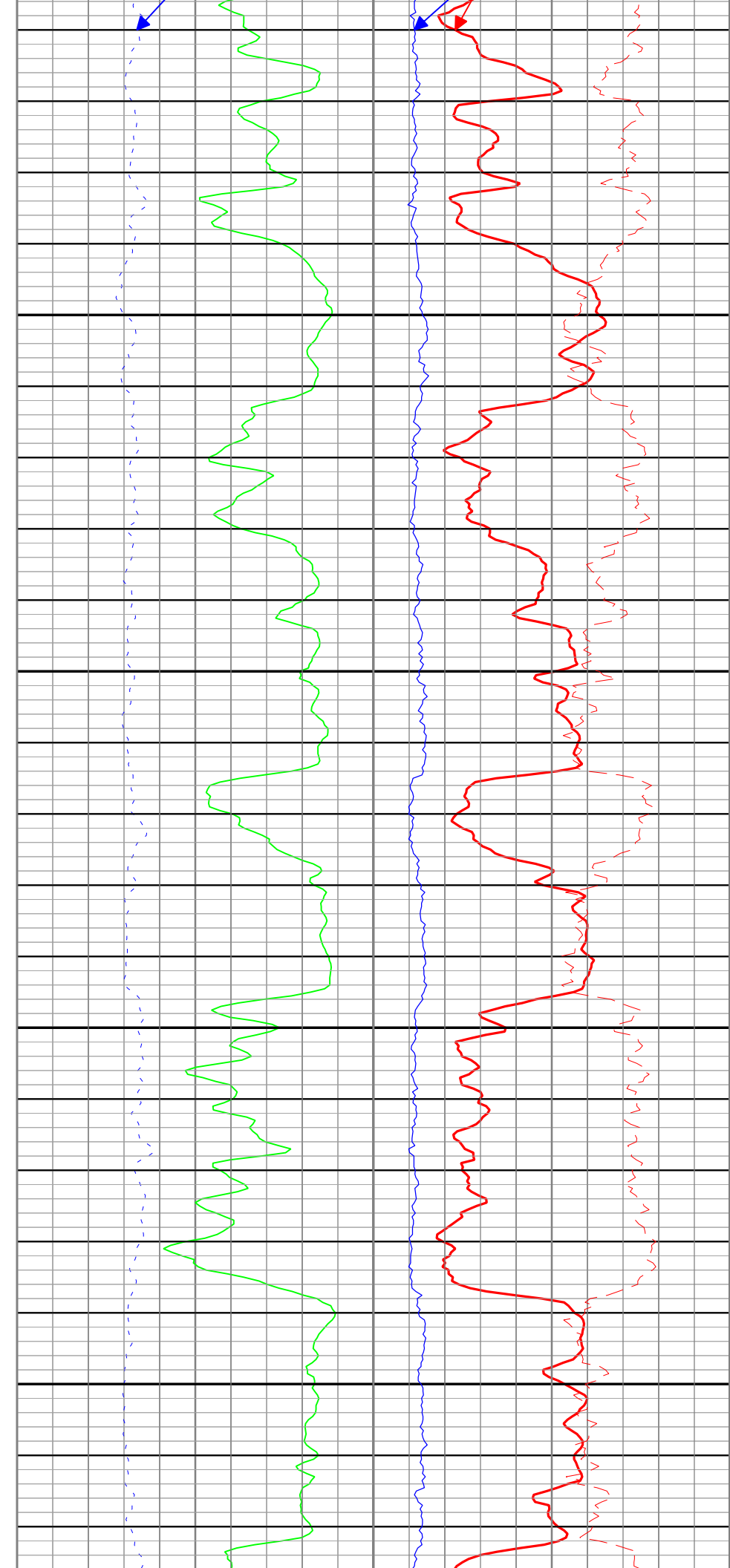
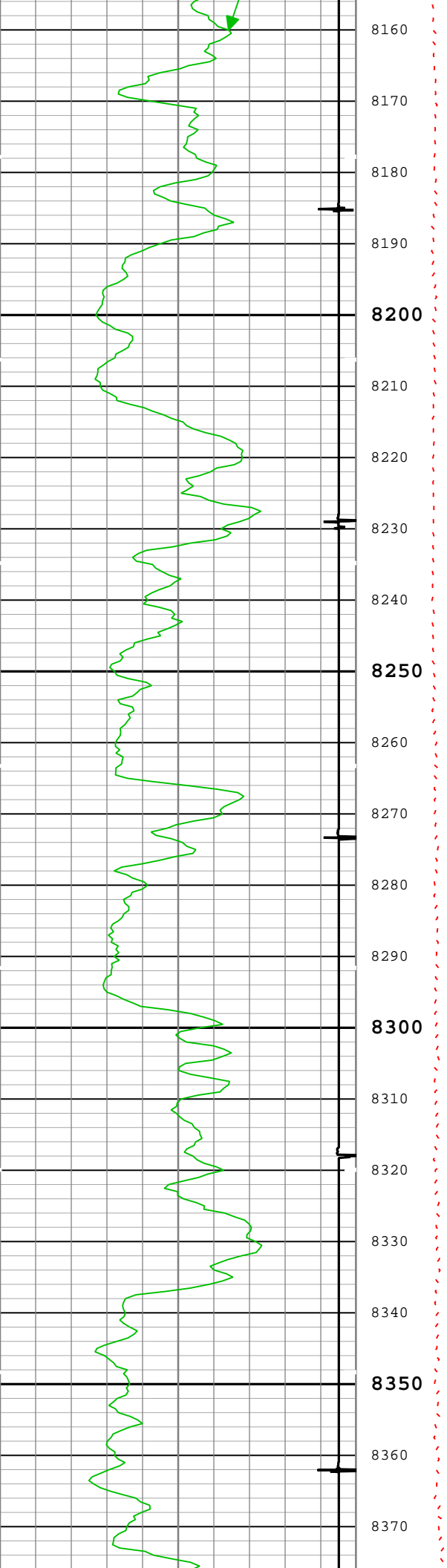


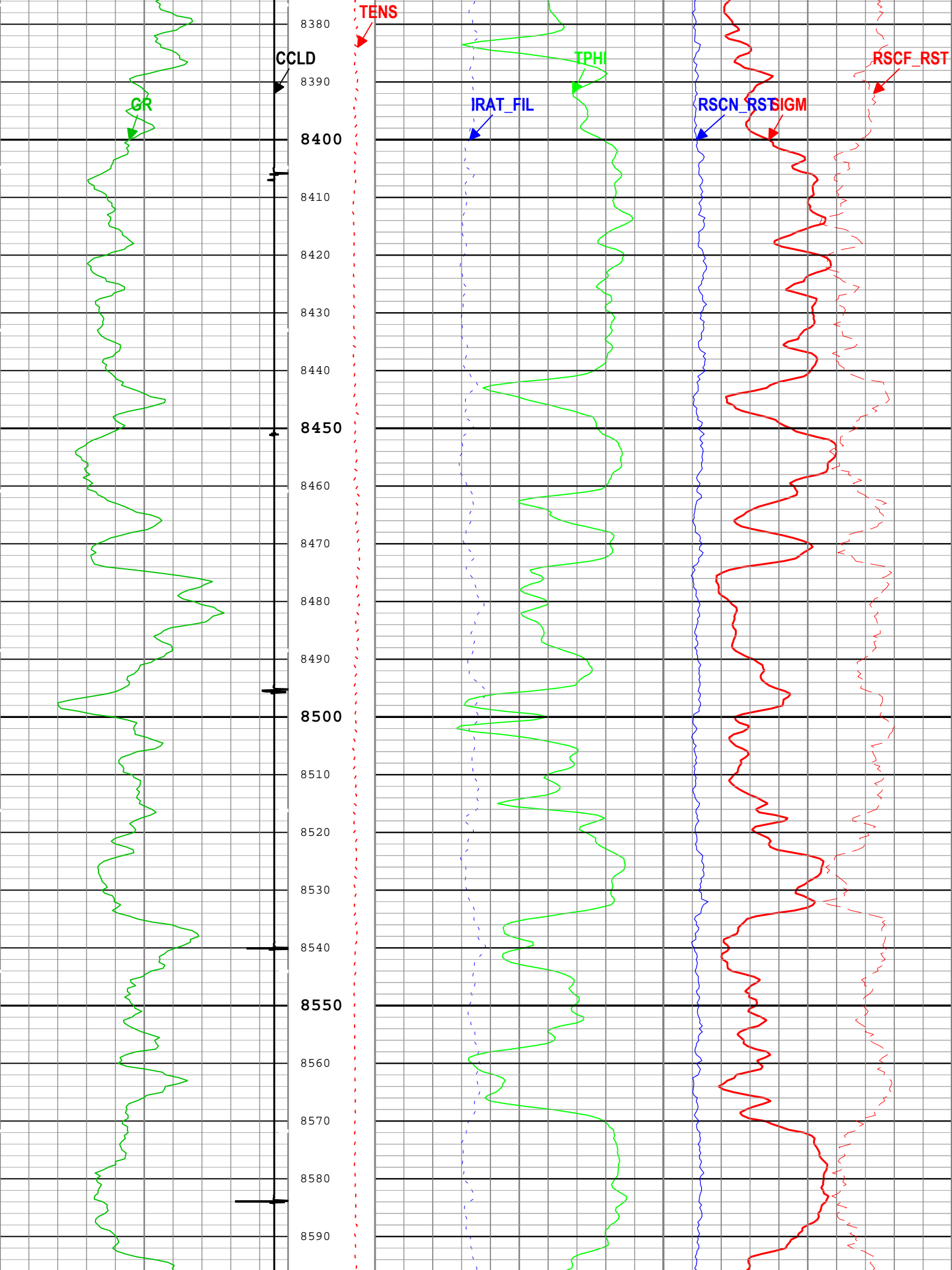


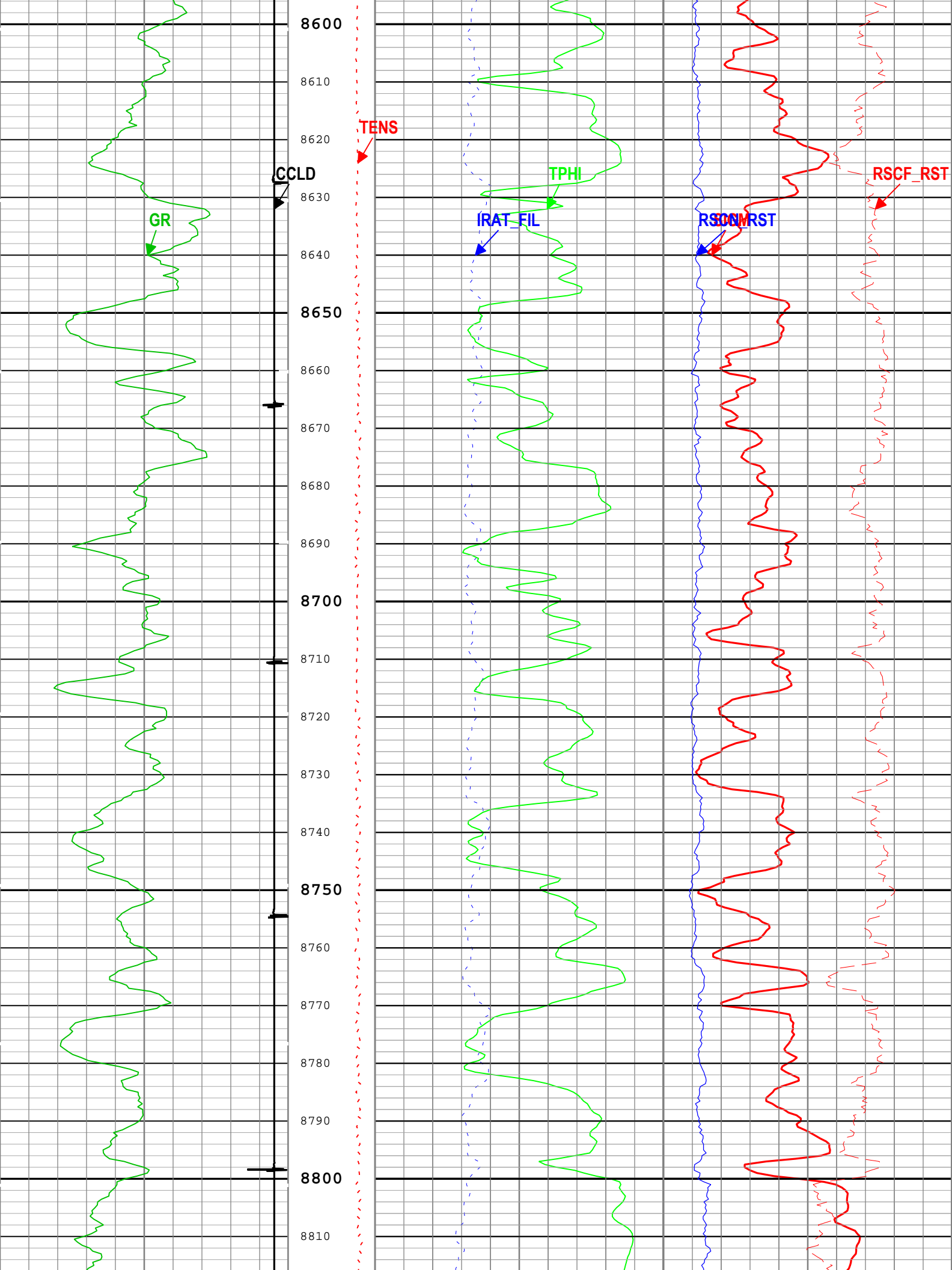


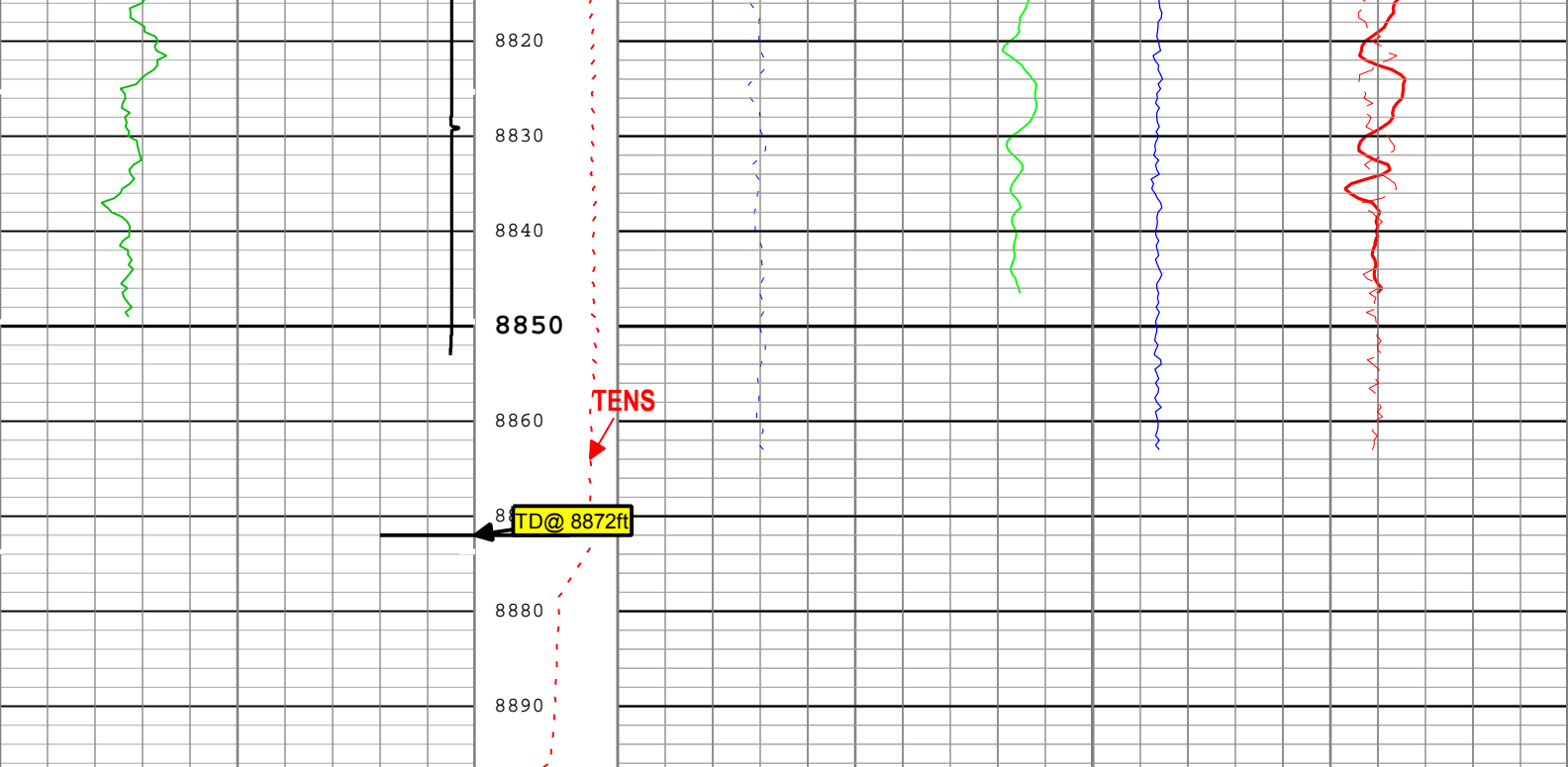












Gamma Ray (GR) PSTP-A			Cable Tension (TENS) 0 lbf 1500	Formation Sigma (Neutron Capture Cross Section) (SIGM) RST-C		
0	gAPI	150		60	cu	0
CCL Discriminated Amplitude (CCLD) PSTP-A				Inelastic Ratio Filtered (IRAT_FIL) RST-C		Near Detector Effective Unregulated Capture Count Rate (RSCN_RST) RST-C
-19	V	1		0.75	0	0 100
				Thermal Decay Porosity (TPHI) RST-C		Far Detector Effective Unregulated Capture Count Rate (RSCF_RST) RST-C
			0.6	ft3/ft3	0	45 0

TIME_1900 - Time Marked every 60.00 (s)

— ICV - Integrated Cement Volume every 100.00 (ft3)

— TIME_1900 - Elapsed time since midnight, 30 December 1899 every 60.00 (s)

— ICV - Integrated Cement Volume every 10.00 (ft3)

— IHV - Integrated Hole Volume every 100.00 (ft3)

— IHV - Integrated Hole Volume every 10.00 (ft3)

Description: RST SIGMA Answer Format: Log (RST Sigma Main) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 19-May-2018 20:53:09

Channel Processing Parameters

One: Parameters

Parameter	Description	Tool	Value	Unit
BHS	Borehole Status (Open or Cased Hole)	Borehole	Cased	
BS	Bit Size	WLSESSION	Depth Zoned	in
BSAL	Borehole Salinity	Borehole	0	ppm
BSALOPT	Borehole Salinity Option	RST-C	Unknown	
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
MATR	Rock Matrix for Neutron Porosity Corrections	Borehole	SANDSTONE	

Depth Zone Parameters

Parameter	Value	Start (ft)	Stop (ft)
BS	14.75	1861.5	2548
BS	8.75	2548	8847

All depth are actual.

Tool Control Parameters

One: Parameters

Parameter	Description	Tool	Value	Unit
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	150	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-A	12 dB	
RST_DLM	Depth Log Mode	RST-C	Sigma	

One

RST Repeat Pass

Software Version

Acquisition System	Version
Maxwell 2018	8.0.95333.3100

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
One	Log[3]:Up	Up	8596.23 ft	8885.82 ft	19-May-2018 3:25:22 PM	19-May-2018 3:35:24 PM	ON	6.77 ft	No

All depths are referenced to toolstring zero

Log	Company:Caerus Operating LLC	Well:Puckett 13D-26-697
		One: Log[3]:Up:S005

Description: RST SIGMA Answer Format: Log (RST Sigma Repeat) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 19-May-2018 20:53:15

—IHV - Integrated Hole Volume every 10.00 (ft3)

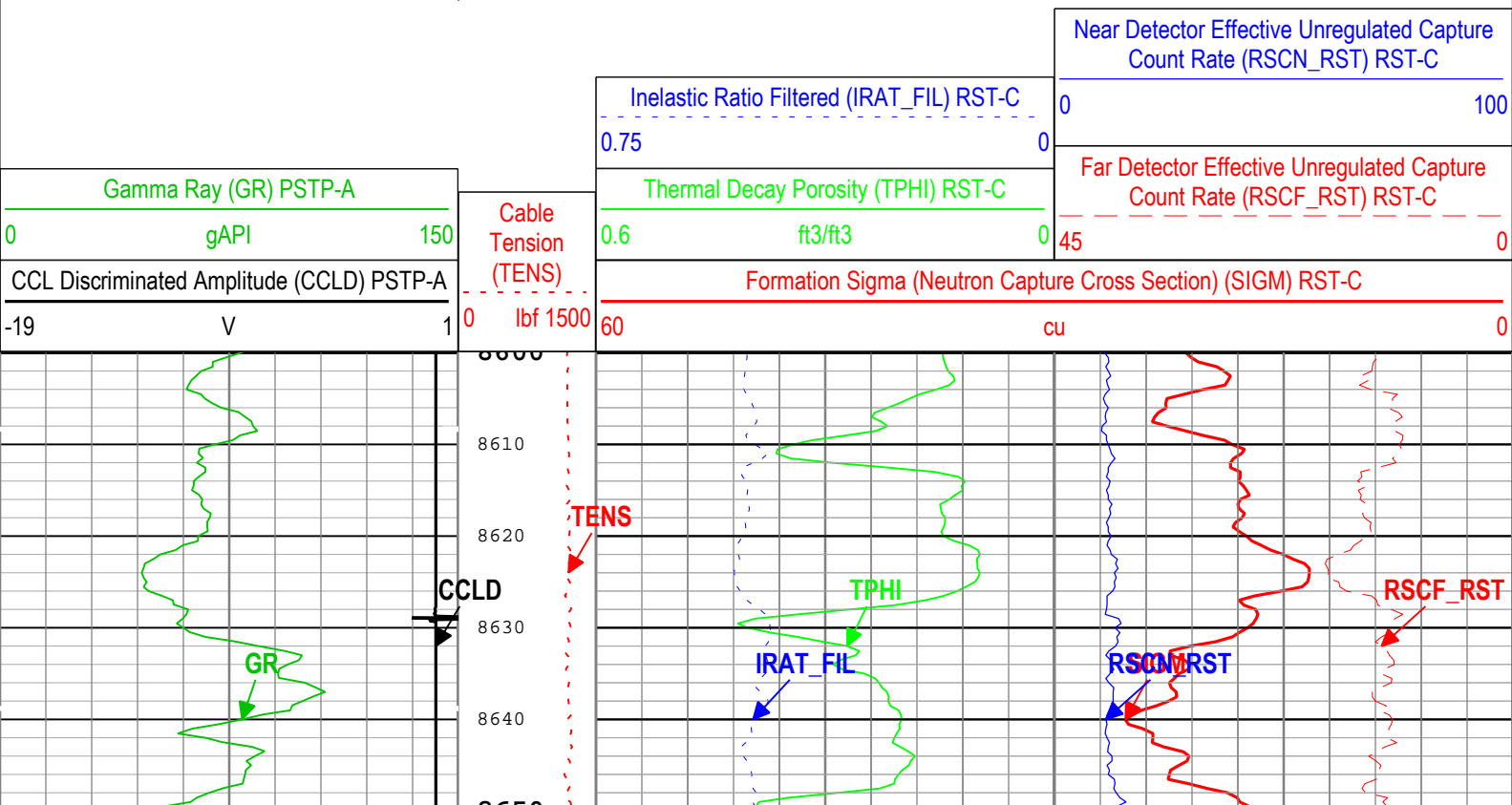
—IHV - Integrated Hole Volume every 100.00 (ft3)

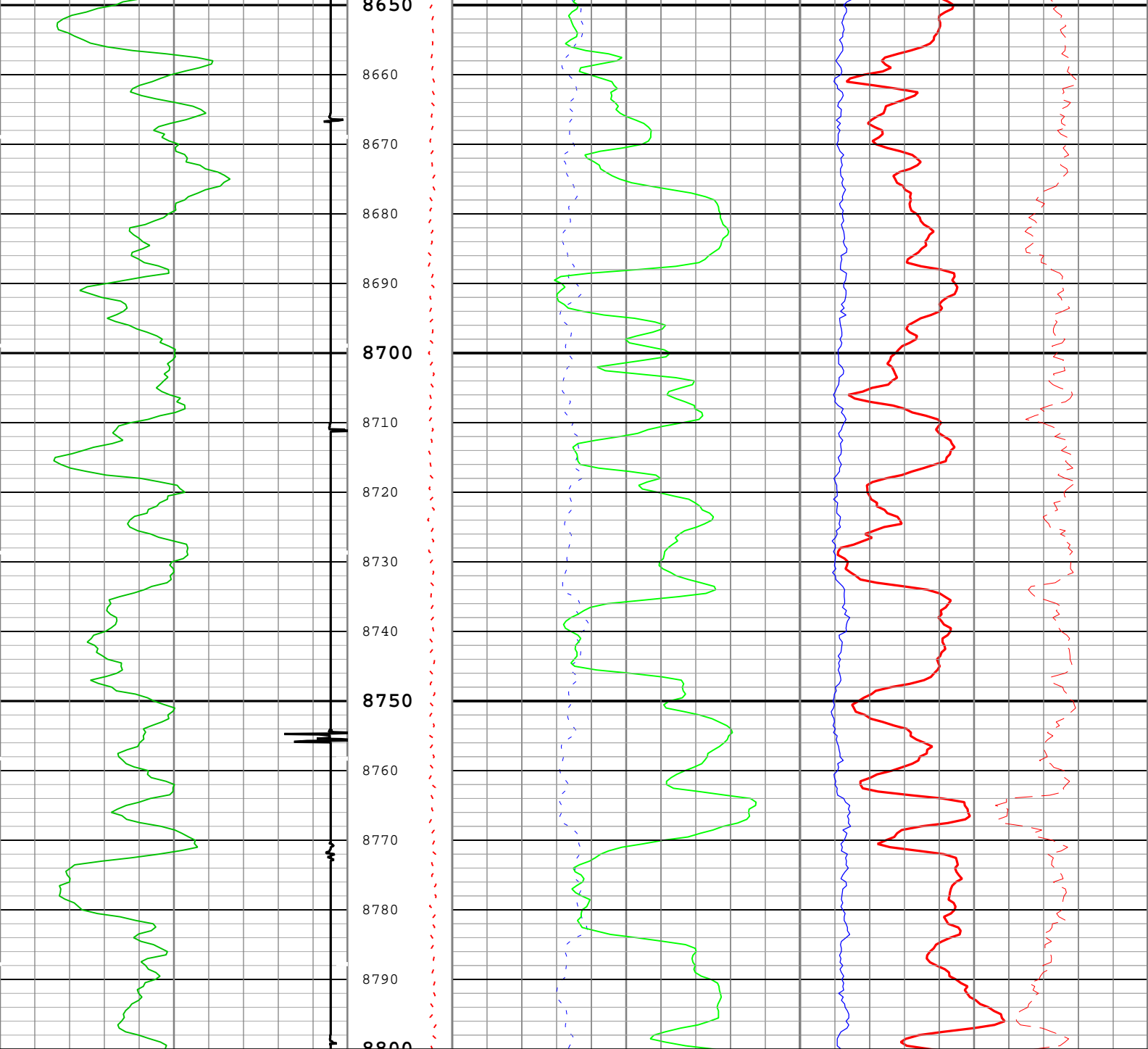
TIME_1900 - Time Marked every 60.00 (s)

—ICV - Integrated Cement Volume every 10.00 (ft3)

—TIME_1900 - Elapsed time since midnight, 30 December 1899 every 60.00 (s)

—ICV - Integrated Cement Volume every 100.00 (ft3)





Gamma Ray (GR) PSTP-A		Cable Tension (TENS)	Formation Sigma (Neutron Capture Cross Section) (SIGM) RST-C	
0	gAPI 150		60	cu 0
CCL Discriminated Amplitude (CCLD) PSTP-A		0 lbf 1500	Inelastic Ratio Filtered (IRAT_FIL) RST-C	Near Detector Effective Unregulated Capture Count Rate (RSCN_RST) RST-C
-19	V 1		0.75	0 100
			Thermal Decay Porosity (TPHI) RST-C	Far Detector Effective Unregulated Capture Count Rate (RSCF_RST) RST-C
			0.6 ft3/ft3 0	45 0

—ICV - Integrated Cement Volume every 100.00 (ft3)
—TIME_1900 - Elapsed time since midnight, 30 December 1899 every 60.00 (s)
—ICV - Integrated Cement Volume every 10.00 (ft3)
TIME_1900 - Time Marked every 60.00 (s)
—IHV - Integrated Hole Volume every 100.00 (ft3)
—IHV - Integrated Hole Volume every 10.00 (ft3)

Channel Processing Parameters	
-------------------------------	--

One: Parameters

Parameter	Description	Tool	Value	Unit
BHS	Borehole Status (Open or Cased Hole)	Borehole	Cased	
BS	Bit Size	WLSESSION	8.75	in
BSAL	Borehole Salinity	Borehole	0	ppm
BSALOPT	Borehole Salinity Option	RST-C	Unknown	
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
MATR	Rock Matrix for Neutron Porosity Corrections	Borehole	SANDSTONE	

Tool Control Parameters	
-------------------------	--

One: Parameters

Parameter	Description	Tool	Value	Unit
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	150	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-A	Time Zoned	
RST_DLM	Depth Log Mode	RST-C	Sigma	

Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth (ft)	Stop Depth (ft)
PCCG	0 dB	19-May-2018 15:25:22	19-May-2018 15:27:16	8885.82	8838.13
PCCG	12 dB	19-May-2018 15:27:16	19-May-2018 15:27:57	8838.13	8818.11
PCCG	24 dB	19-May-2018 15:27:57	19-May-2018 15:28:58	8818.11	8788.78
PCCG	12 dB	19-May-2018 15:28:58	19-May-2018 15:35:24	8788.78	8596.23

All depth are at tool zero.

Company:	Caerus Operating LLC	Schlumberger
Well:	Puckett 13D-26-697	
Field:	Grand Valley	
County:	Garfield	
State:	Colorado	
Cement Bond Log		
RST Sigma Log		
Gamma Ray - Collar Locator Log		