

Company: Caerus Operating LLC

Well: NPR 12A-10 596

Field: NPR

County: Garfield State: Colorado

Cement Bond Log  
RST Sigma Log  
Gamma Ray - Collar Locator LogCounty: Garfield  
Field: NPR  
Location: K10-596  
Well: NPR 12A-10 596  
Company: Caerus Operating LLC

K10-596	Location:		Elev.: K.B. 6733.00 ft G.L. 6709.00 ft D.F. 6733.00 ft
	Permanent Datum:	Ground Level	Elev.: 6709.00 f
Log Measured From:		Kelly Bushing	24.00 ft above Perm.Datum
Drilling Measured From:		Kelly Bushing	
API Serial No.	Section:	Township:	Range:
05045237570000	10	5S	96W

Logging Date 08-Sep-2018

Run Number ONE

Depth Driller 10010.00 ft

Schlumberger Depth 9958.00 ft

Bottom Log Interval 9947.00 ft

Top Log Interval 2200.00 ft

Casing Fluid Type 2% KCL Water

Salinity

Density 8.5 lbm/gal

Fluid Level 8.00 ft

BIT/CASING/TUBING STRING

Bit Size 8.75 in

From 2399.00 ft

To 9958.00 ft

Casing/Tubing Size 4.5 in

Weight 11.6 lbm/ft

Grade P110

From 0.00 ft

To 9958.00 ft

Max Recorded Temperatures

Logger on Bottom 276.46 degF

Unit Number 3108 Time 08-Sep-2018 10:00:00

Recorded By Albert Ng

Witnessed By Trent Ray

## 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.

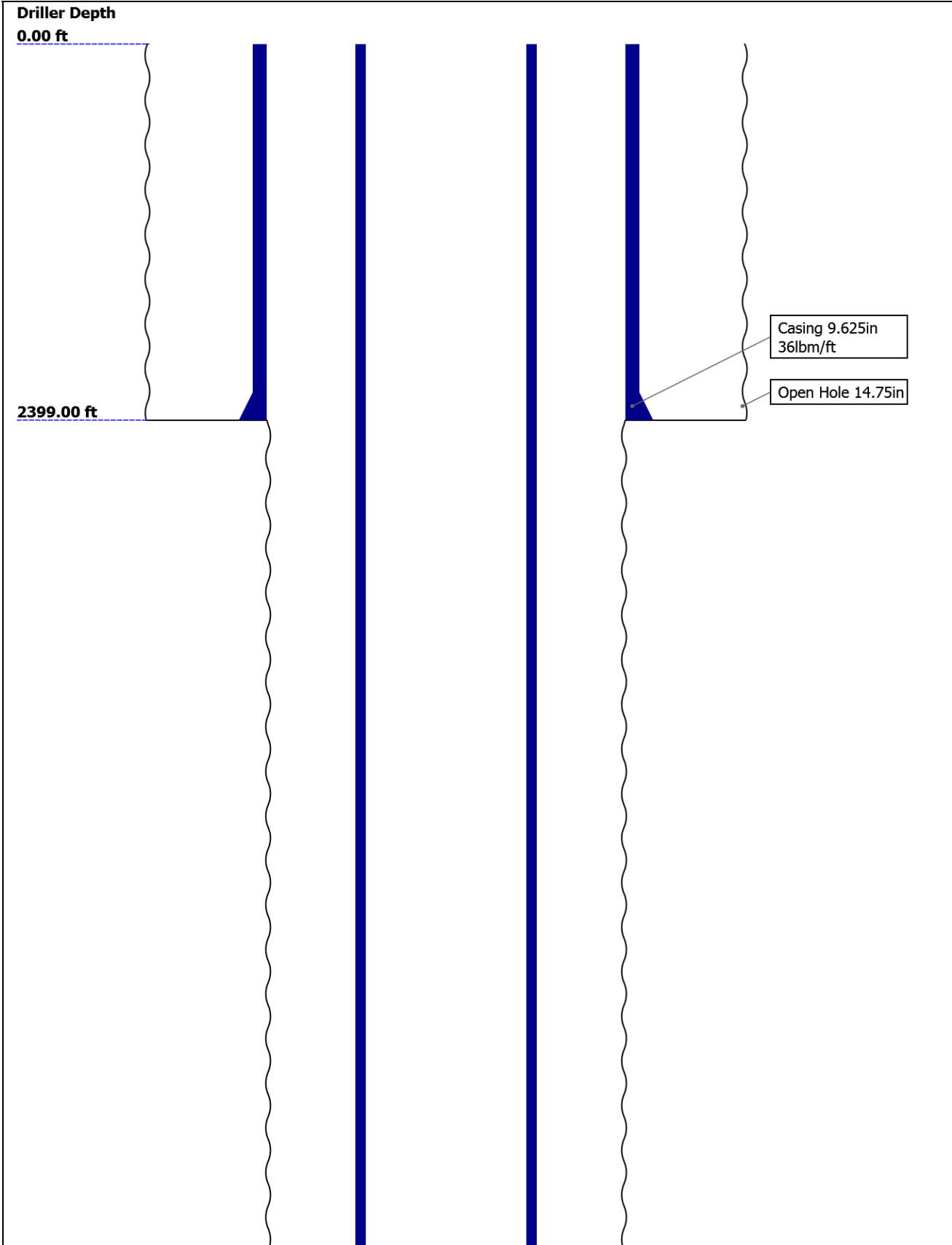
## Contents

- Header
- Disclaimer
- Contents
- Well Sketch
- Borehole Size/Casing/Tubing Record
- Remarks and Equipment Summary
- Depth Summary
- Composite 1 Main Pass
  - Integration Summary
  - Software Version
  - Composite Summary
  - Log ( Sonic CBL with VDL )
  - Parameter Listing
- ONE Repeat Pass
  - Integration Summary
  - Software Version
  - Composite Summary

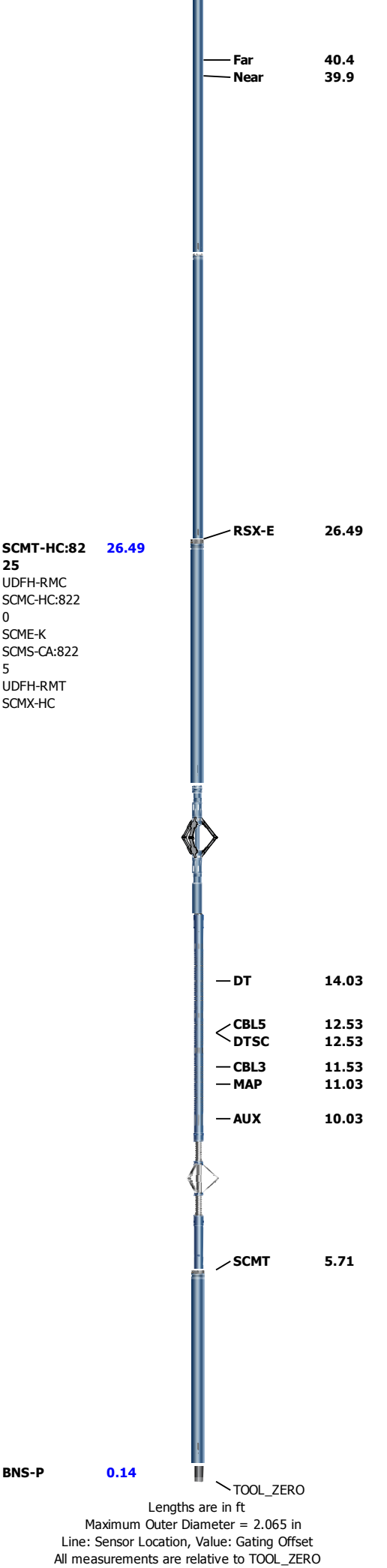
- Parameter Listing
- ONE Repeat Pass
  - Integration Summary
  - Software Version
  - Composite Summary
  - Log ( RST SIGMA Answer )
  - Parameter Listing
- Tail

- 9.4 Log ( Sonic CBL with VDL )
- 9.5 Parameter Listing
- 10. Composite 1 Main Pass
  - 10.1 Integration Summary
  - 10.2 Software Version
  - 10.3 Composite Summary
  - 10.4 Log ( RST SIGMA Answer )

Well Sketch









Depth Summary									
		ONE							
Depth Measuring Device									
Type	IDW-JA								
Serial Number	6693								
Calibration Date	02-Feb-2018								
Calibrator Serial Number	IDWC-C-57								
Calibration Cable Type	1-25ZA-XXS								
Wheel Correction 1	-4								
Wheel Correction 2	-4								
Tension Device									
Type	CMTD-B/A								
Serial Number	1127								
Calibration Date	25-Jul-2018								
Calibrator Serial Number	112544								
Number of Calibration Points	10								
Calibration Root Mean Square Error	1320								
Calibration Peak Error	25								
Logging Cable									
Type	1-25ZA-XXS								
Serial Number	F112140								
Length	17500.00 ft								
Conveyance Type	Wireline								
Rig Type	Crane								
ONE:Depth Control Parameters					Depth Control Remarks				
Log Sequence	First Log In the Well				All Schlumberger Depth Control policies followed.  IDW used for primary depth control.  Z-chart used for secondary depth control.  Logs correlated to down log.				
Rig Up Length At Surface									
Rig Up Length At Bottom									
Rig Up Length Correction									
Stretch Correction									
Tool Zero Check At Surface									
Composite 1									
Main Pass									
Software Version									
Acquisition System						Version			
Maxwell 2018 SP1						8.1.99839.3100			
Application Patch						Wireline_Hotfix-Mandatory-2018SP1_8.1.102865			
Composite Summary									
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
ONE	Log[4]:Up	Up	7099.01 ft	9972.28 ft	08-Sep-2018 10:13:59 AM	08-Sep-2018 11:53:28 AM	ON	7.96 ft	No
ONE	Log[5]:Up	Up	3485.15 ft	7611.19 ft	08-Sep-2018 12:36:13 PM	08-Sep-2018 2:55:01 PM	ON	8.44 ft	No
ONE	Log[6]:Up	Up	91.60 ft	3808.64 ft	08-Sep-2018	08-Sep-2018	ON	0.00 ft	No

All depths are referenced to toolstring zero

Log

Company:Caerus Operating LLC

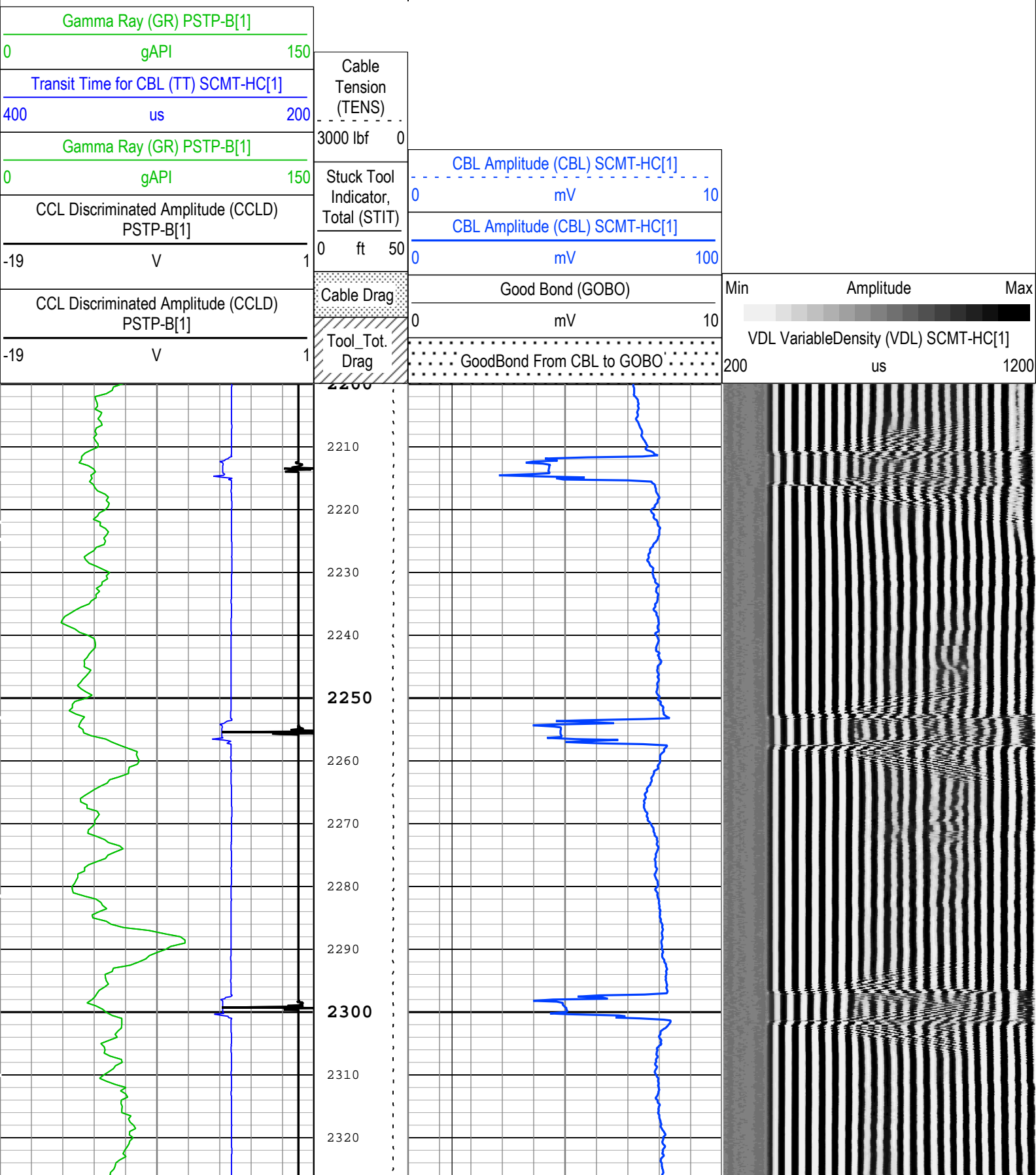
Well:NPR 12A-10 596

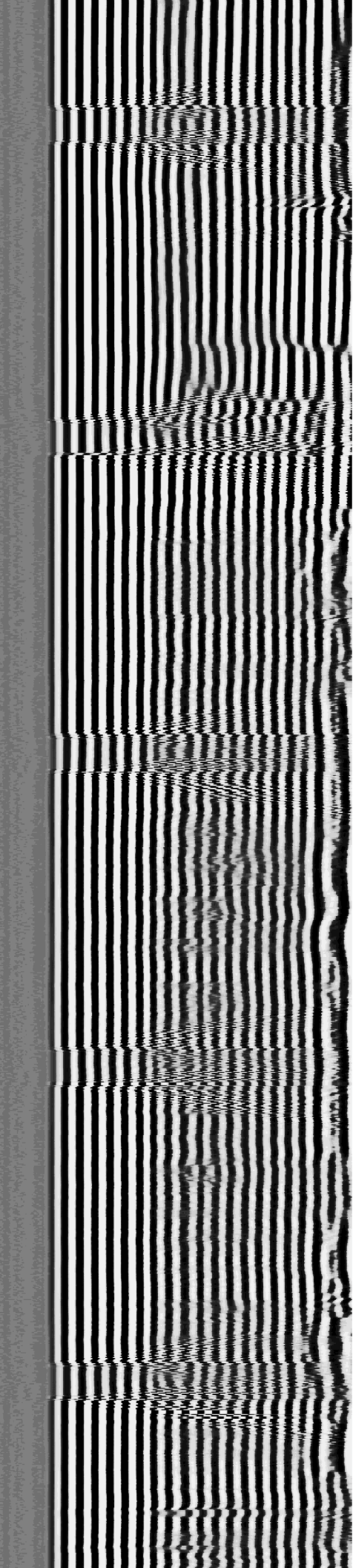
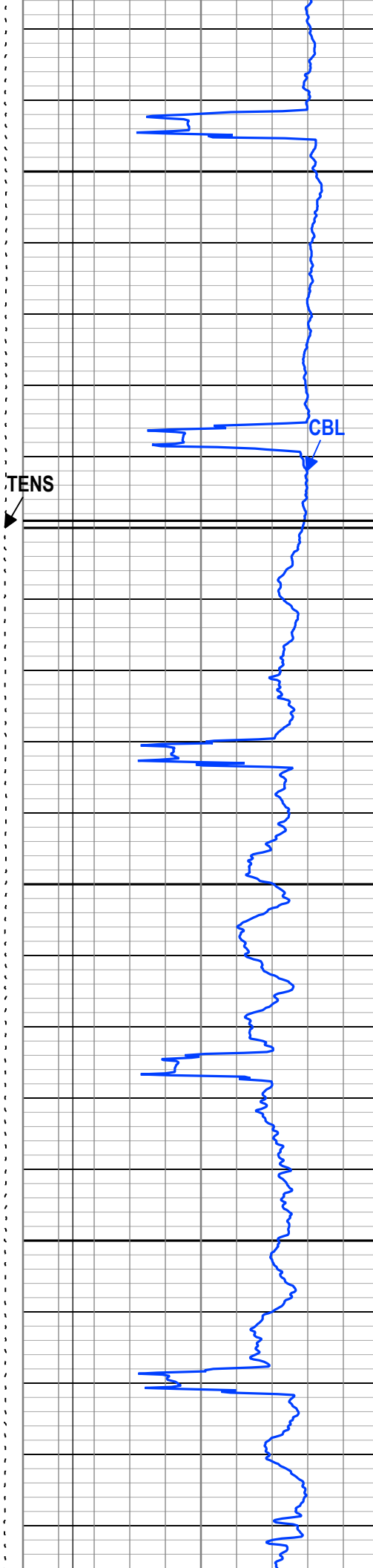
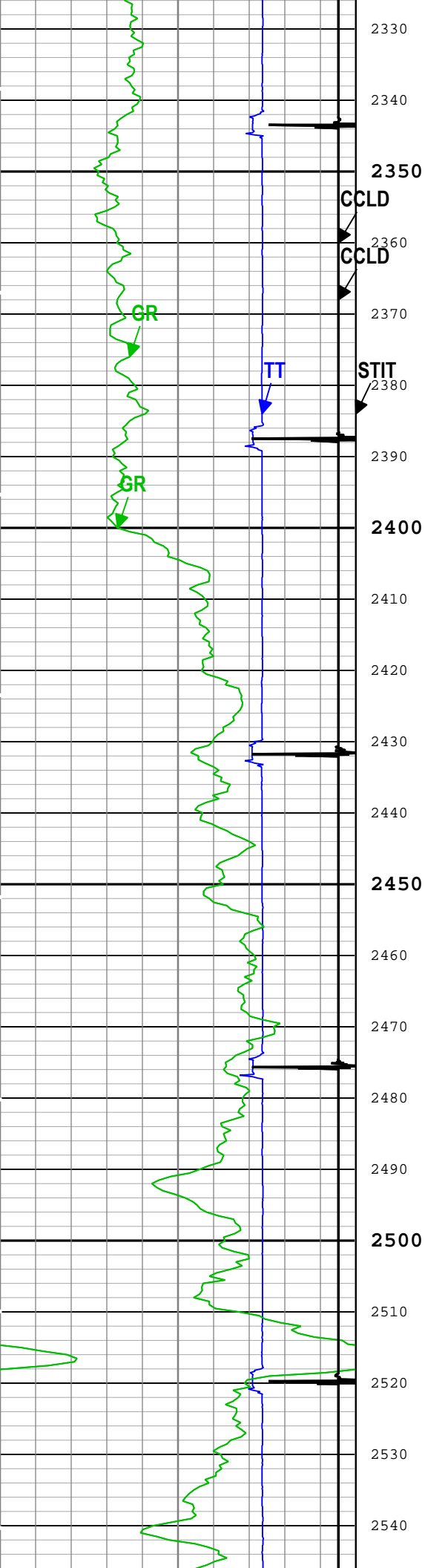
Composite 1:S002

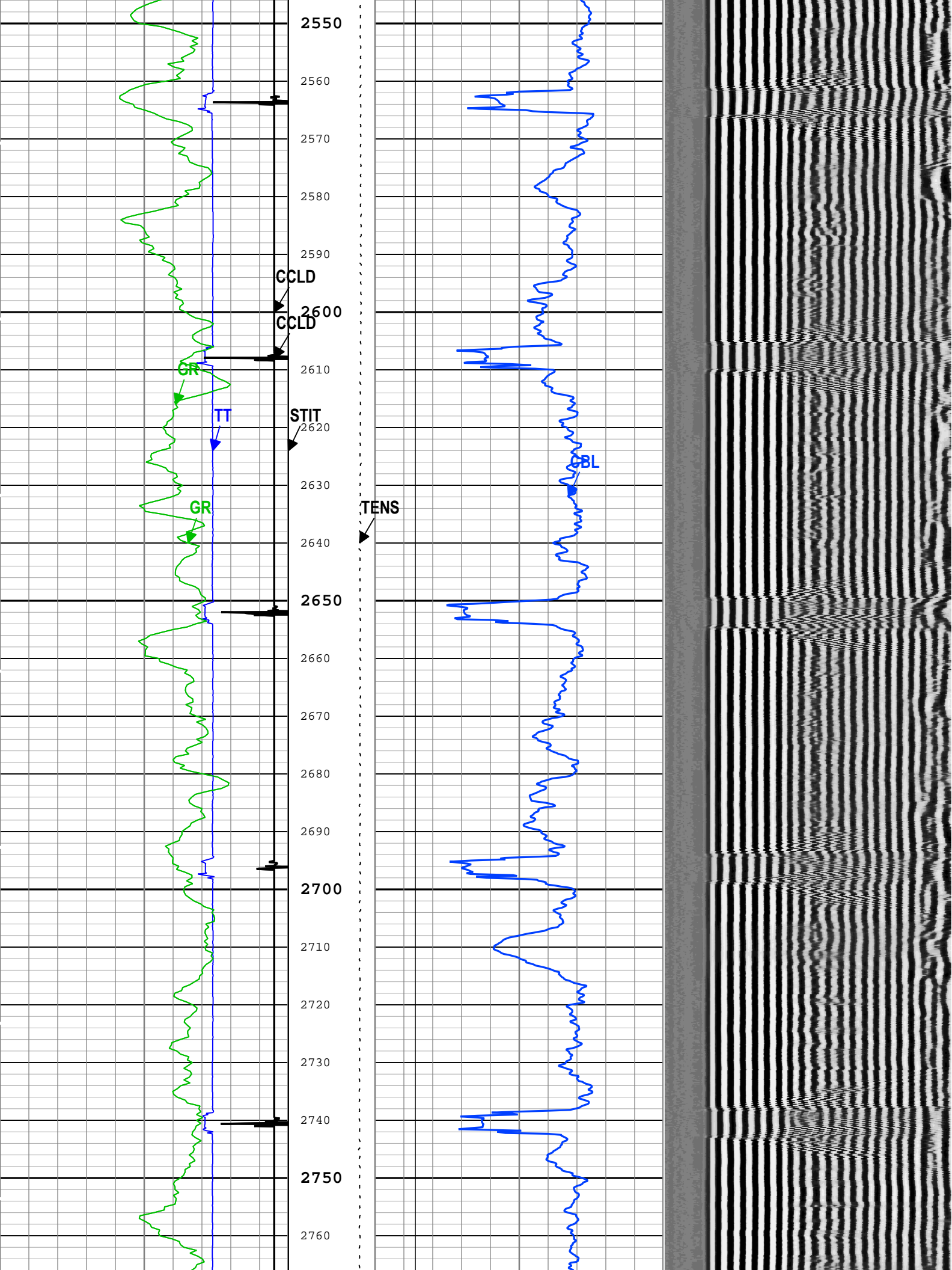
Description: Sonic CBL with VDL    Format: Log ( Sonic CBL with VDL )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 08-Sep-2018 22:17:22

TIME\_1900 - Time Marked every 60.00 (s)

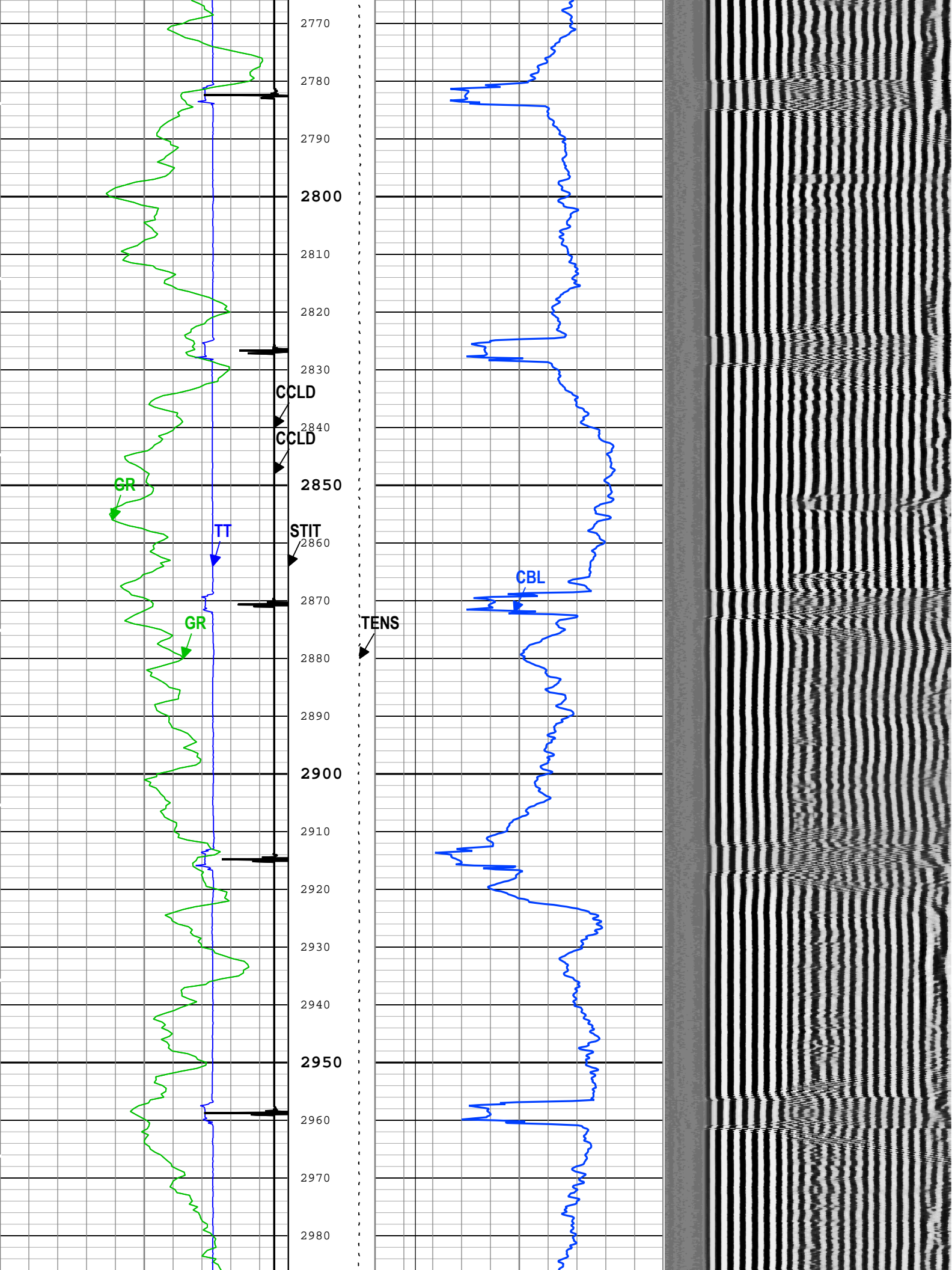
- BIEP - Bond Index Event Pips SCMT-HC[1]

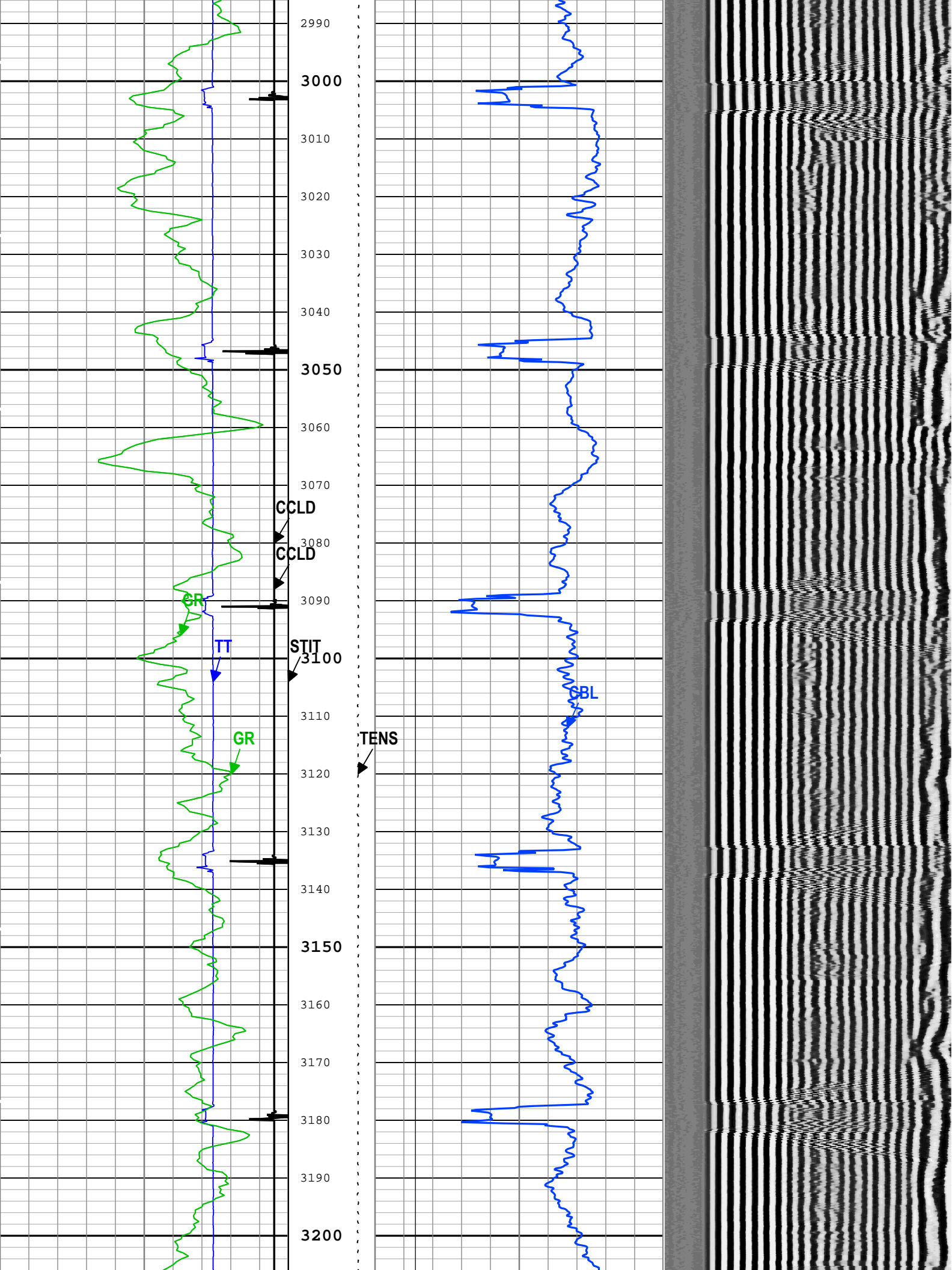


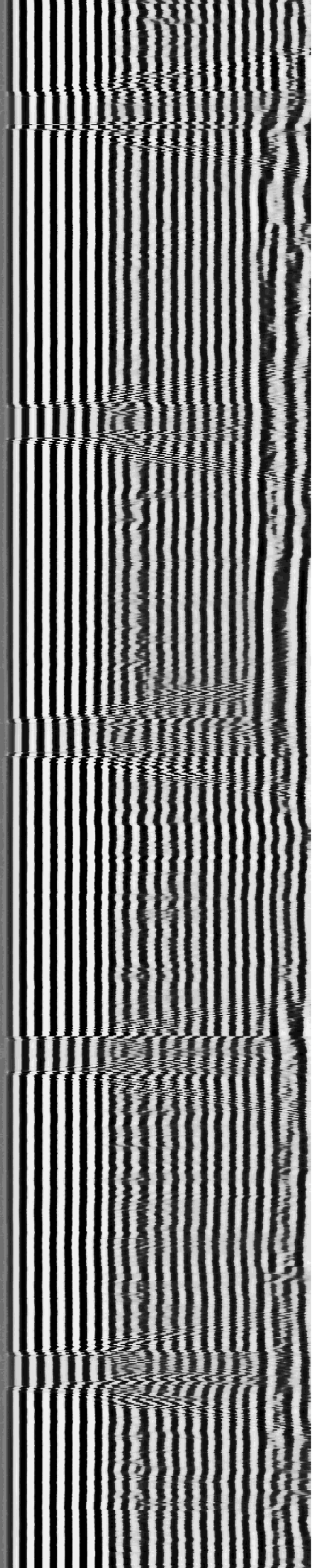
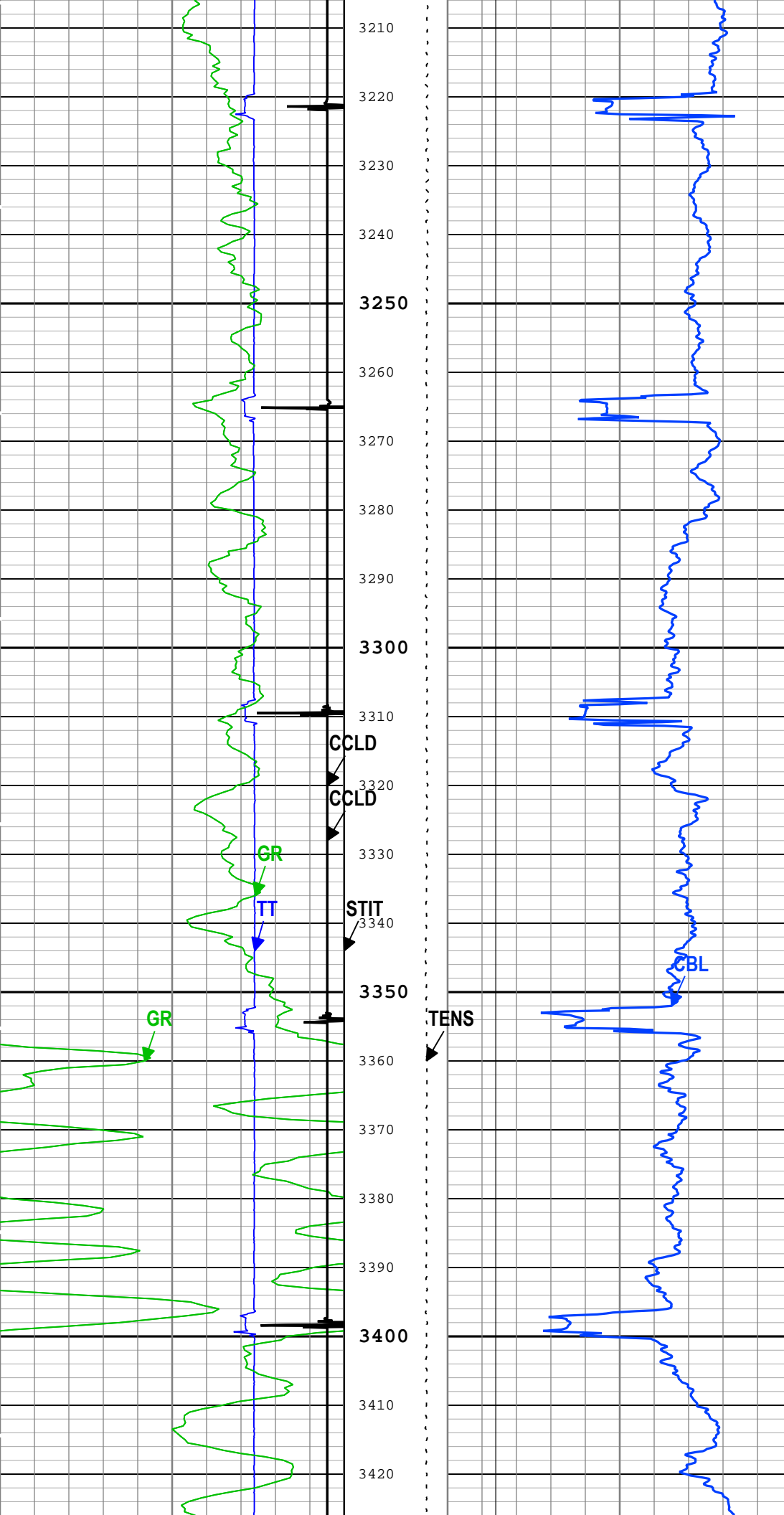




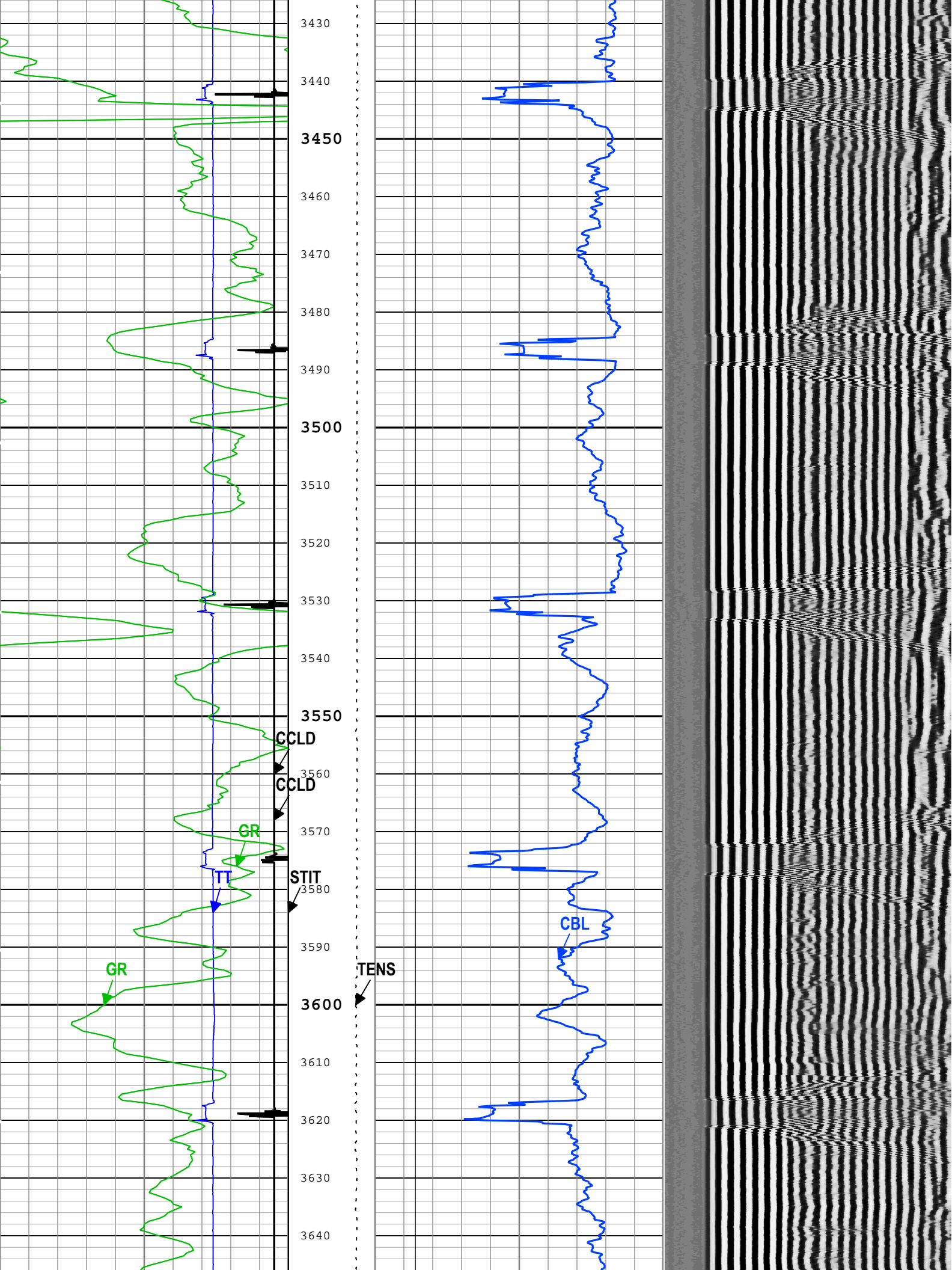




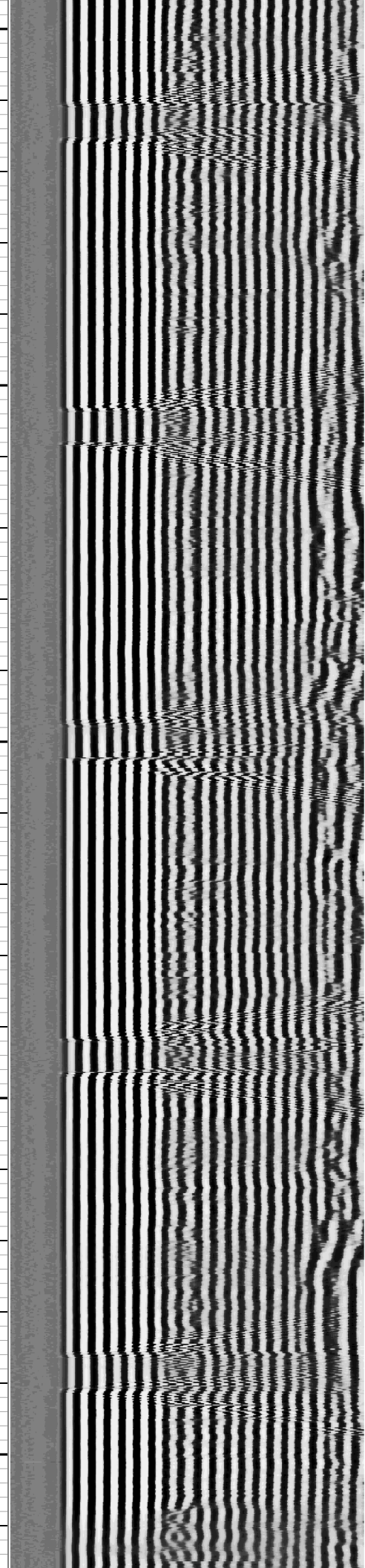
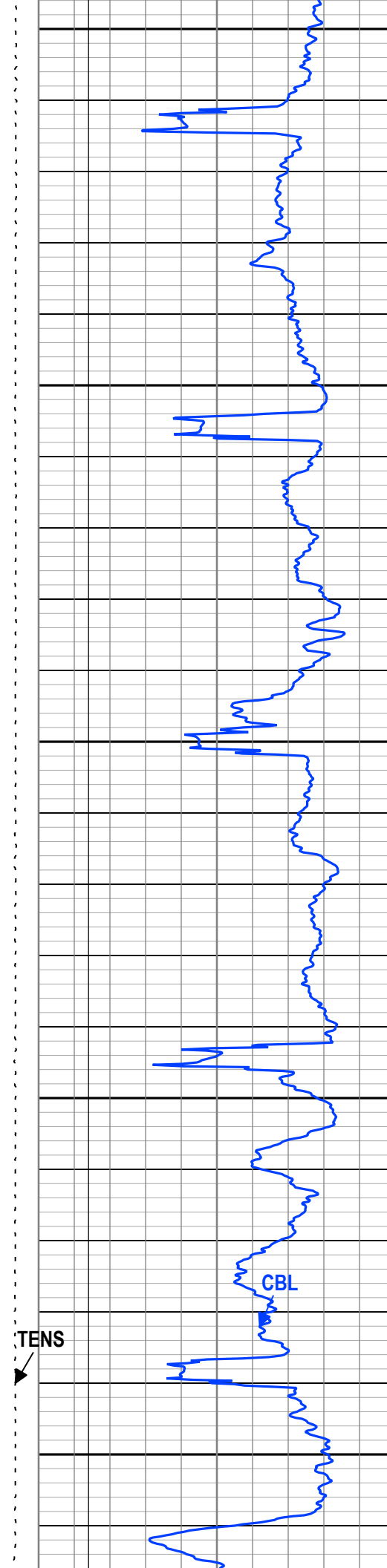
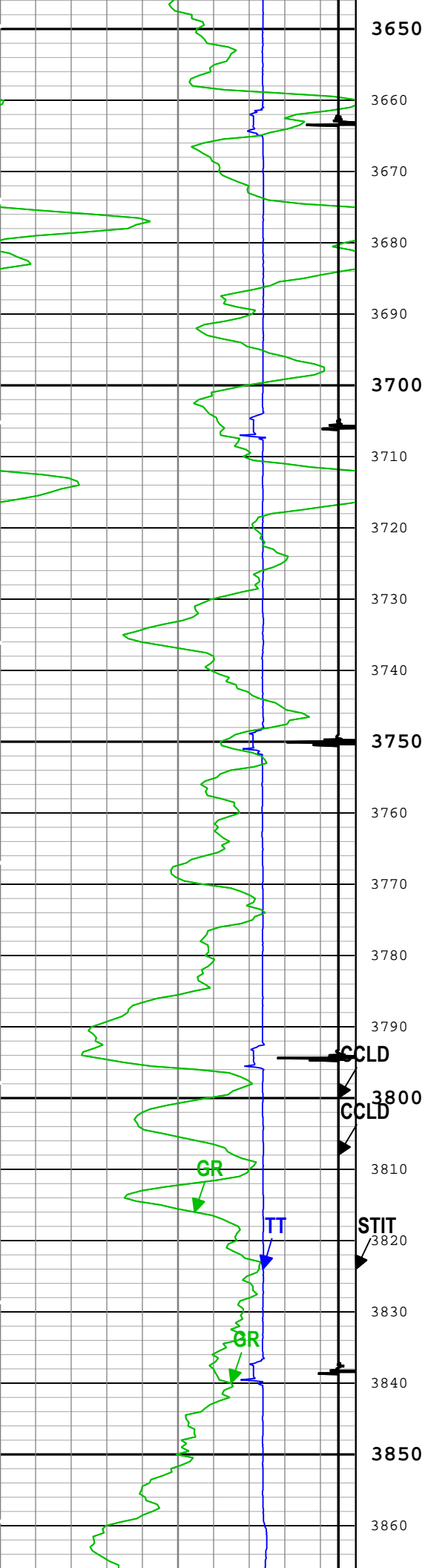


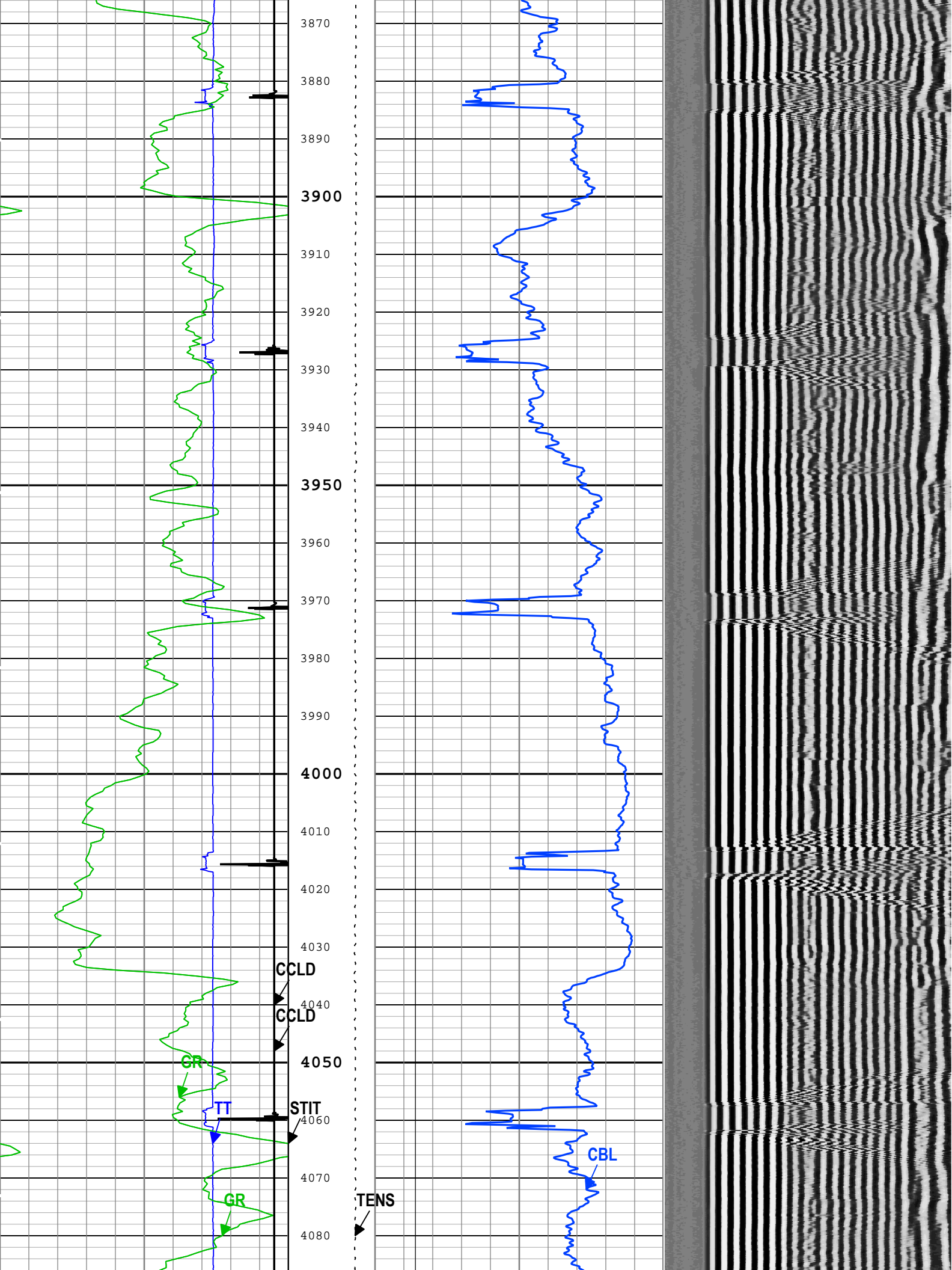


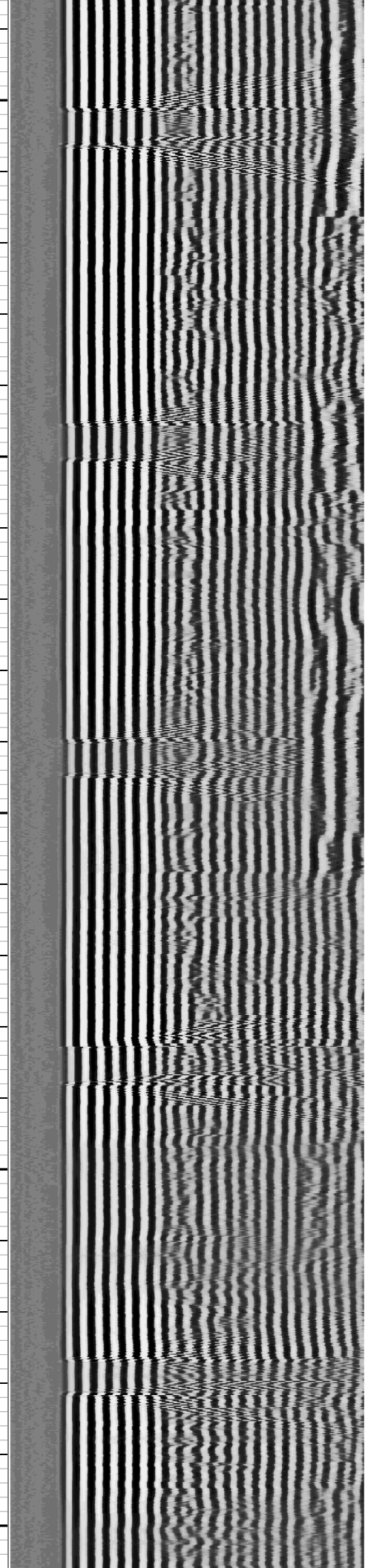
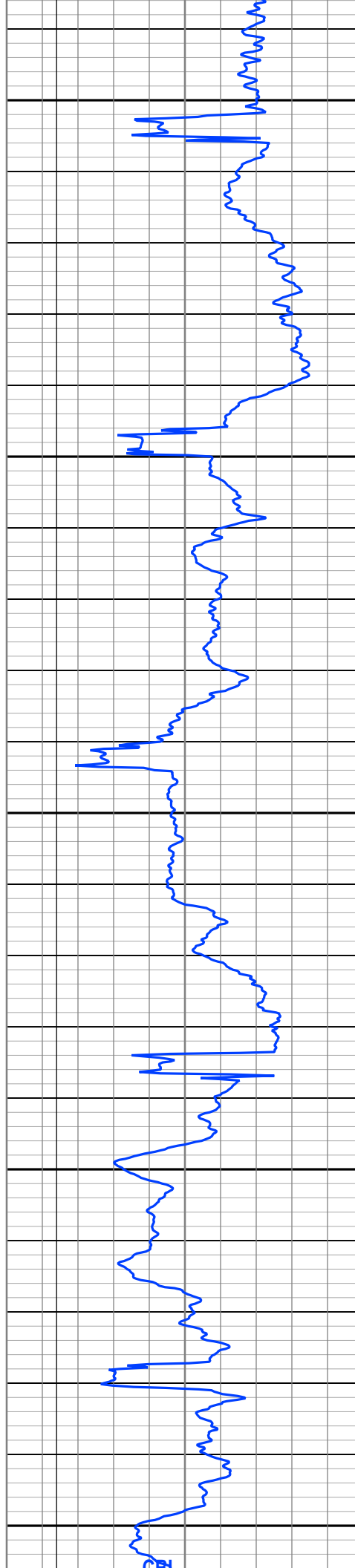
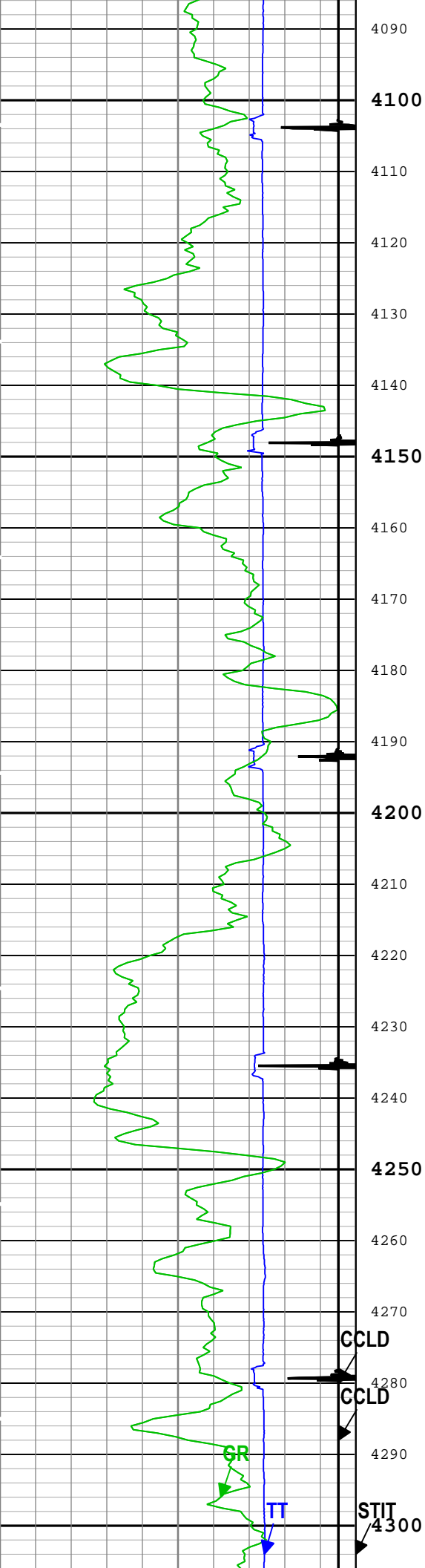




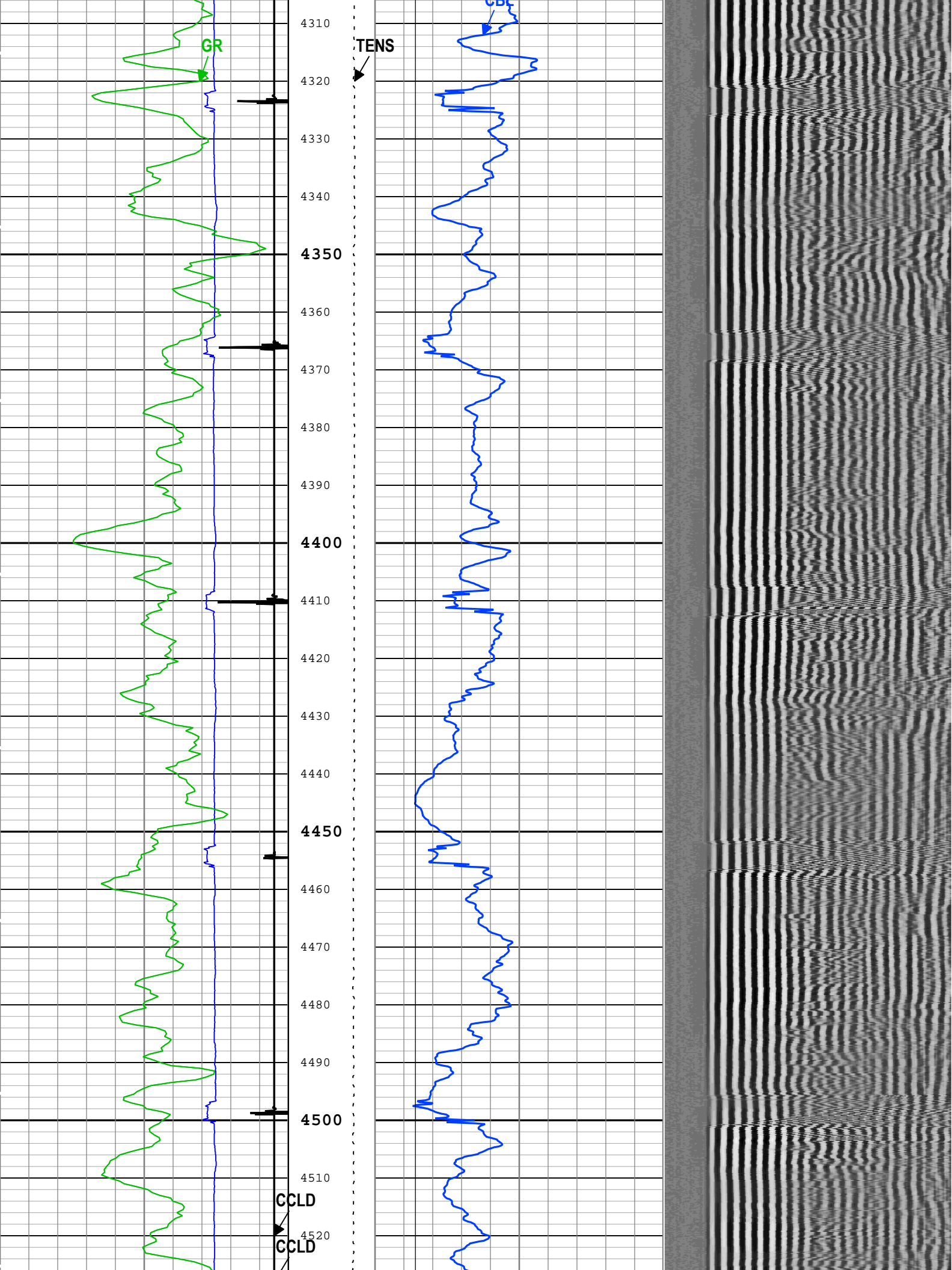


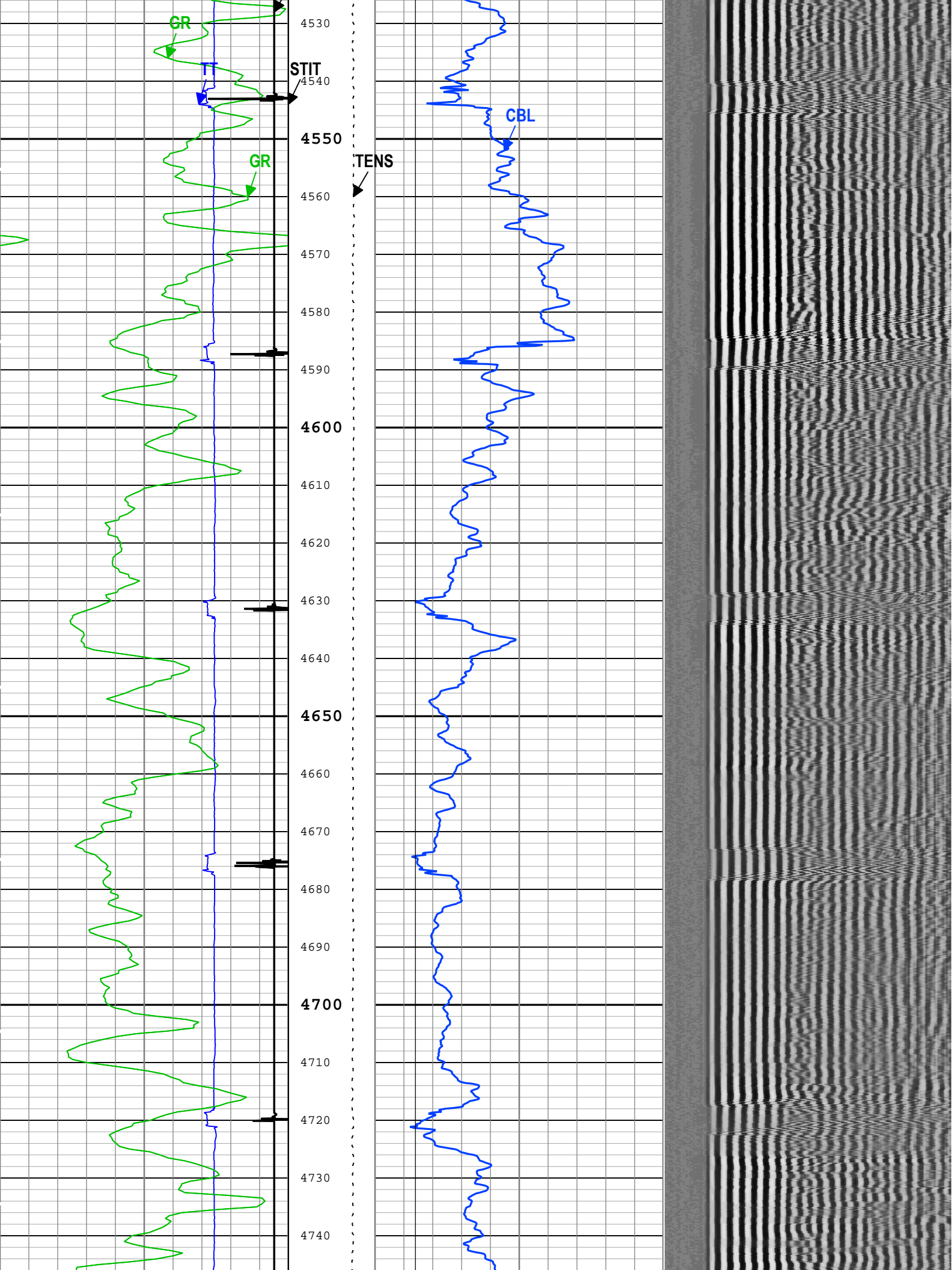


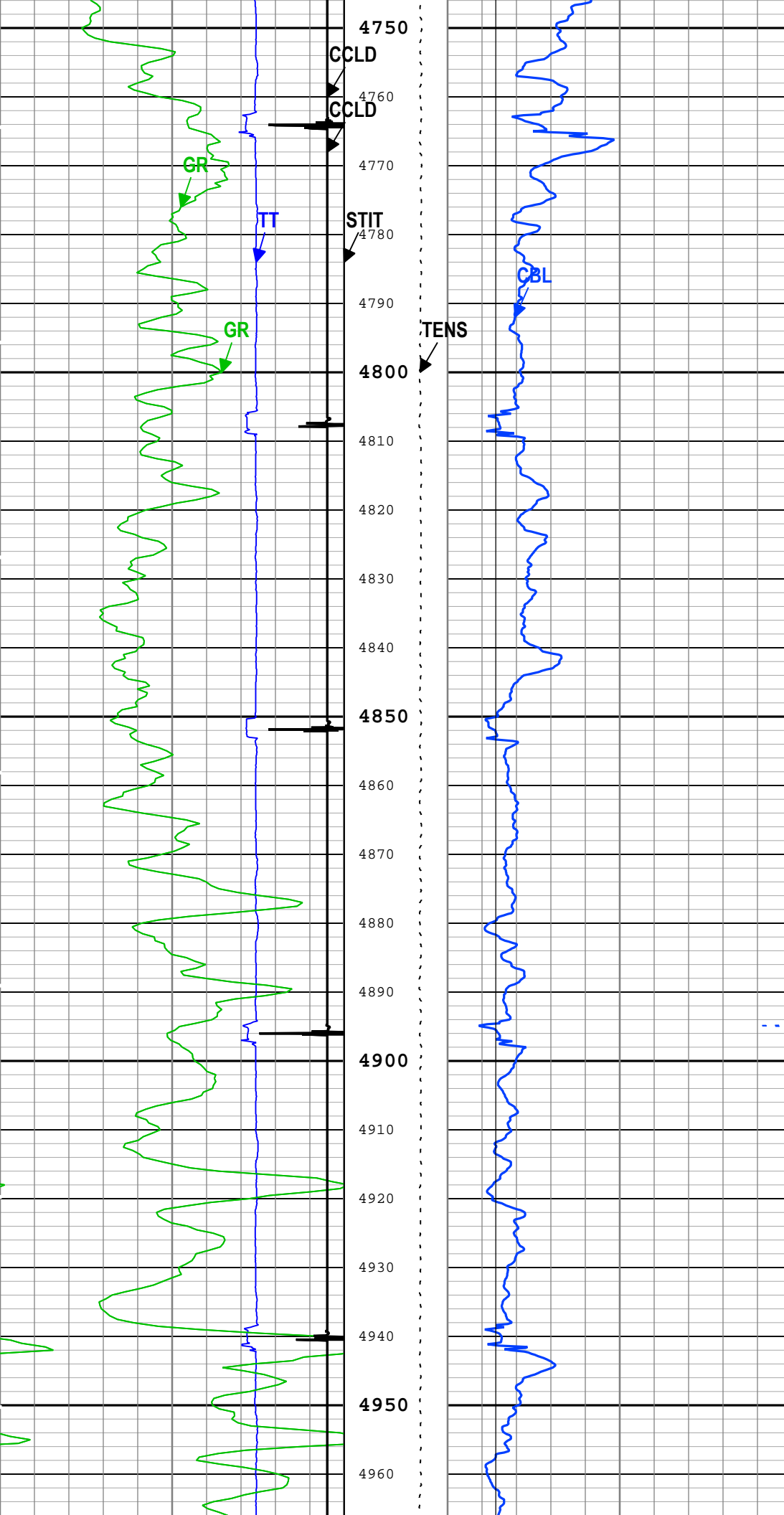




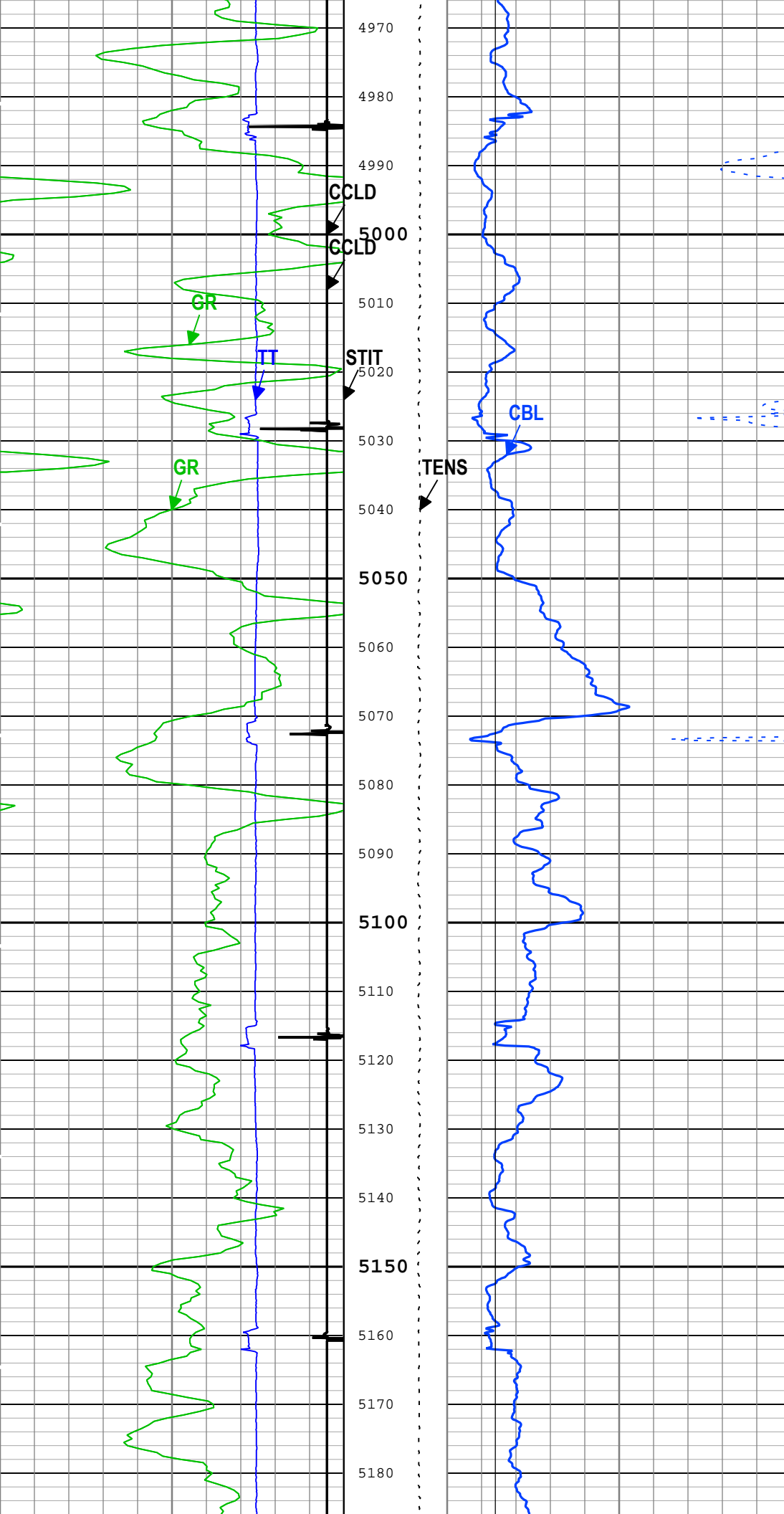


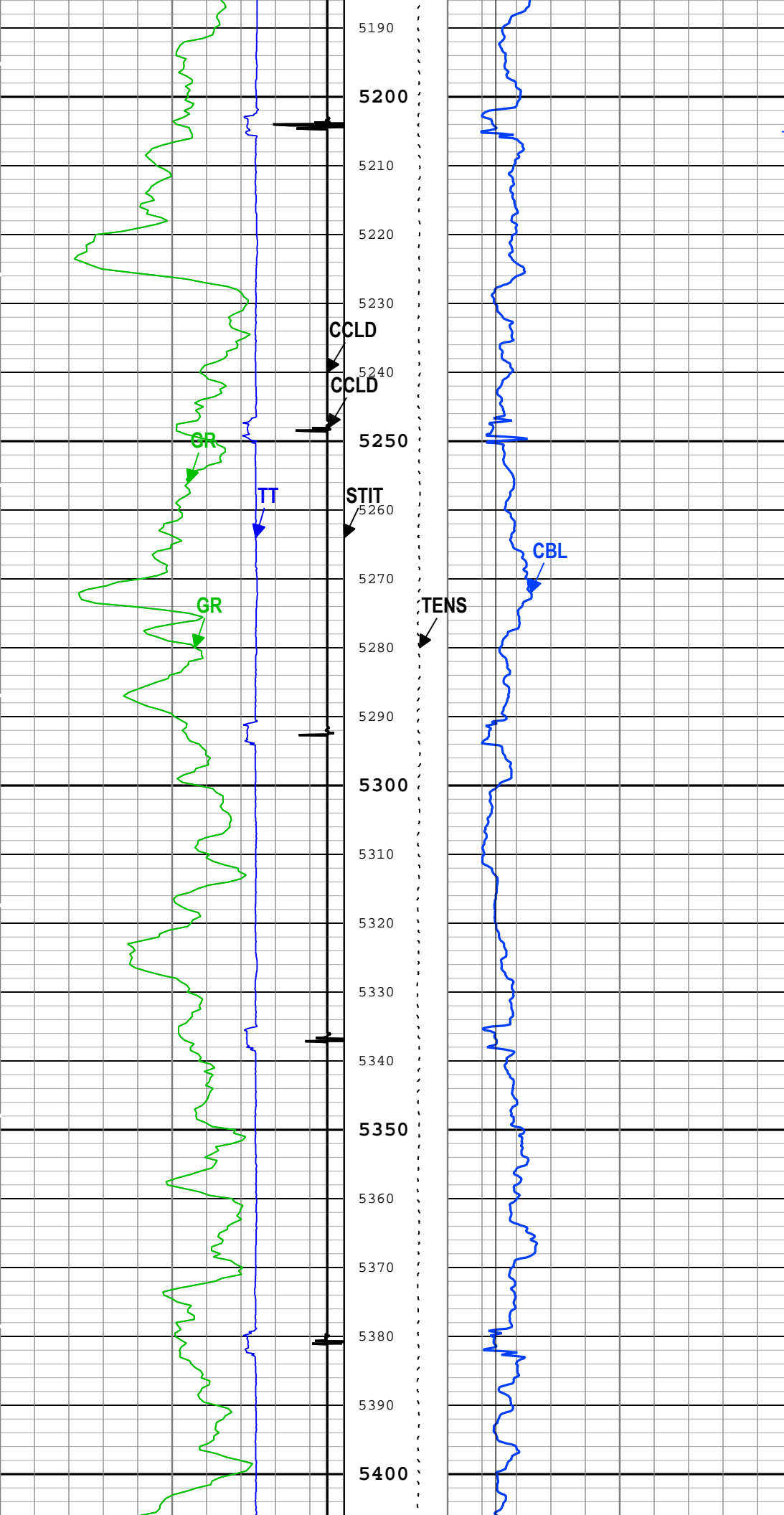




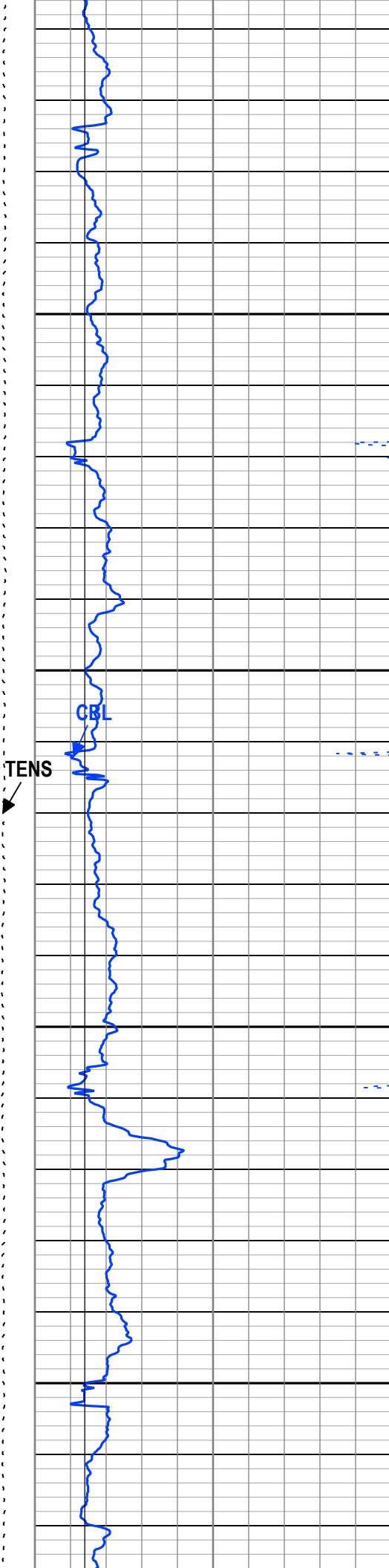
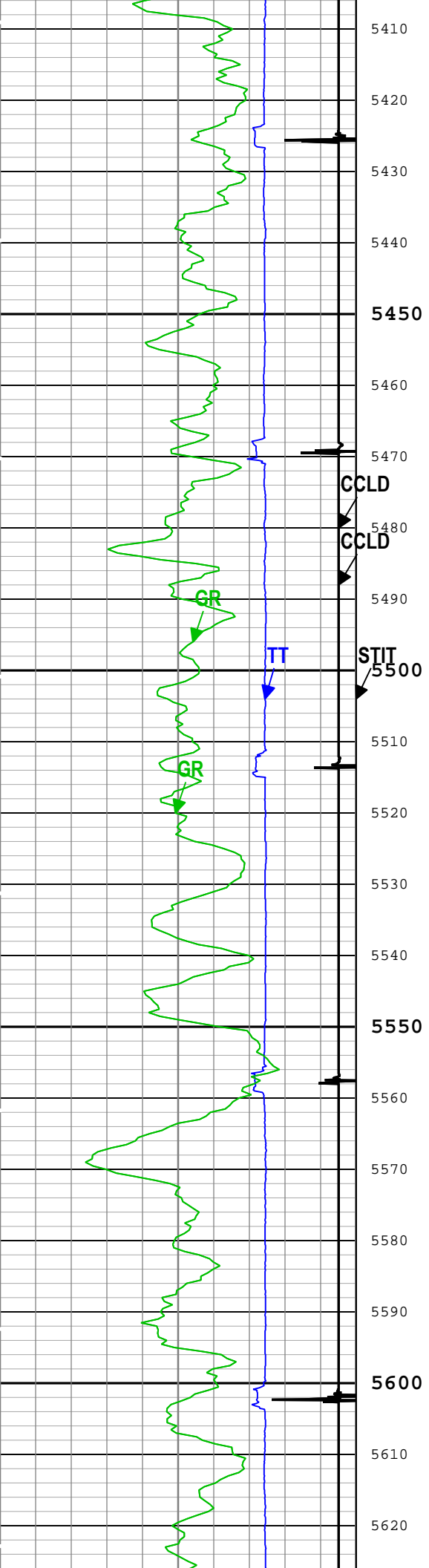


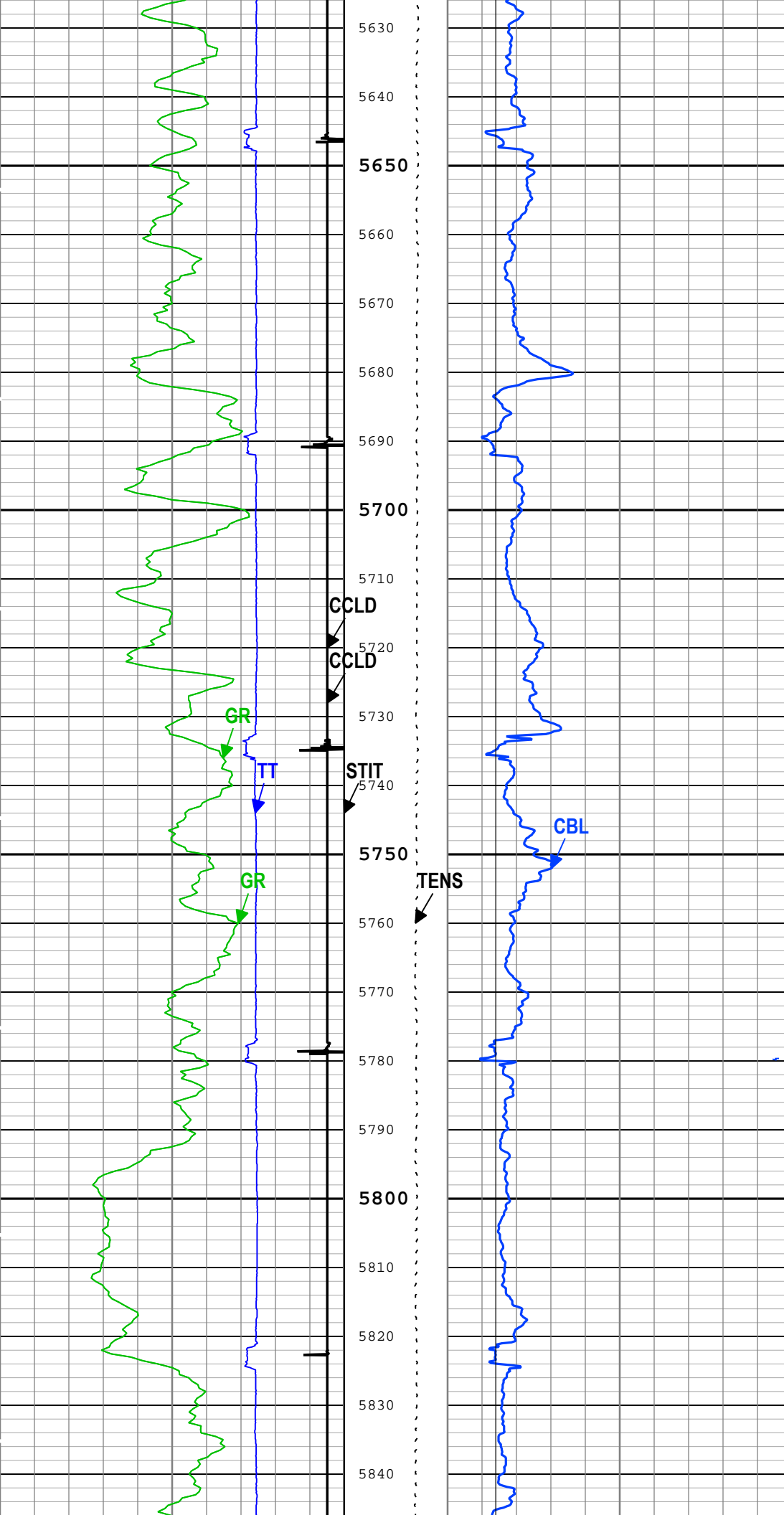


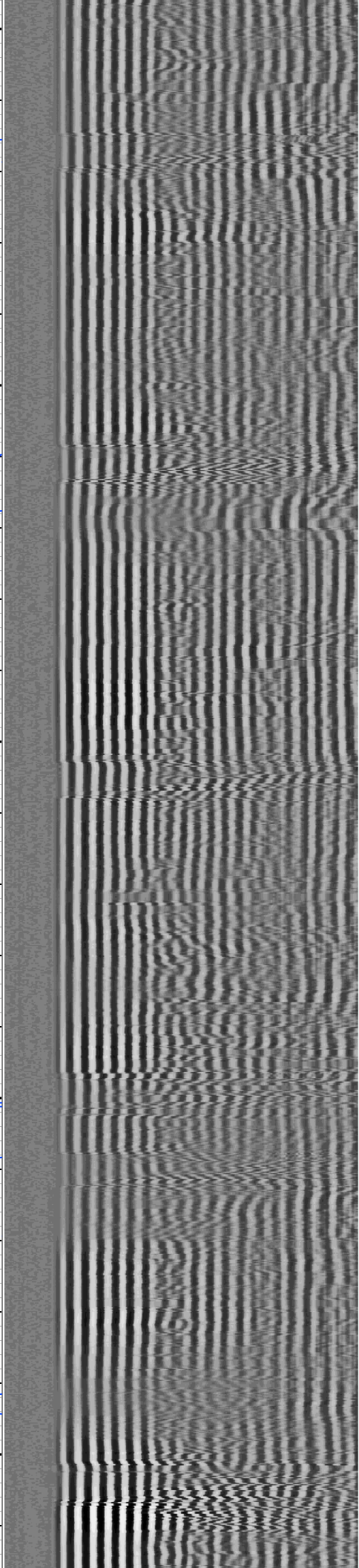
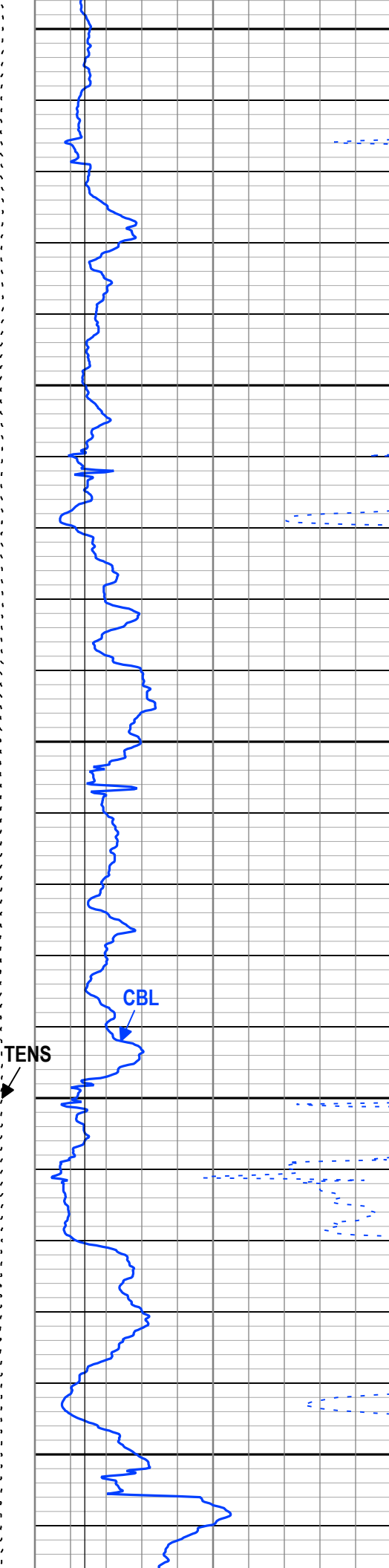
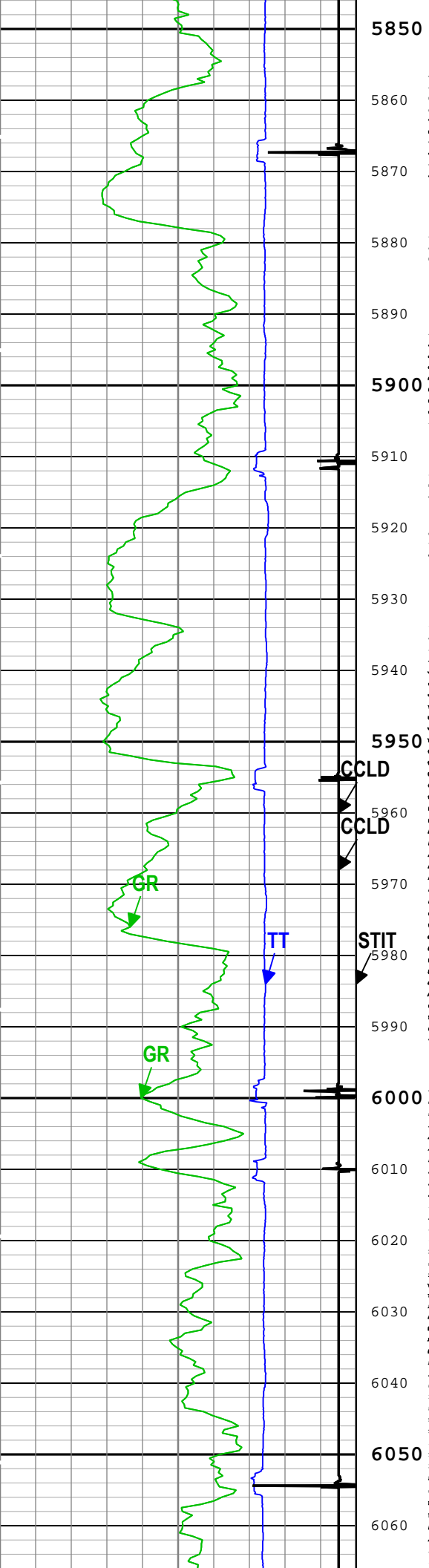




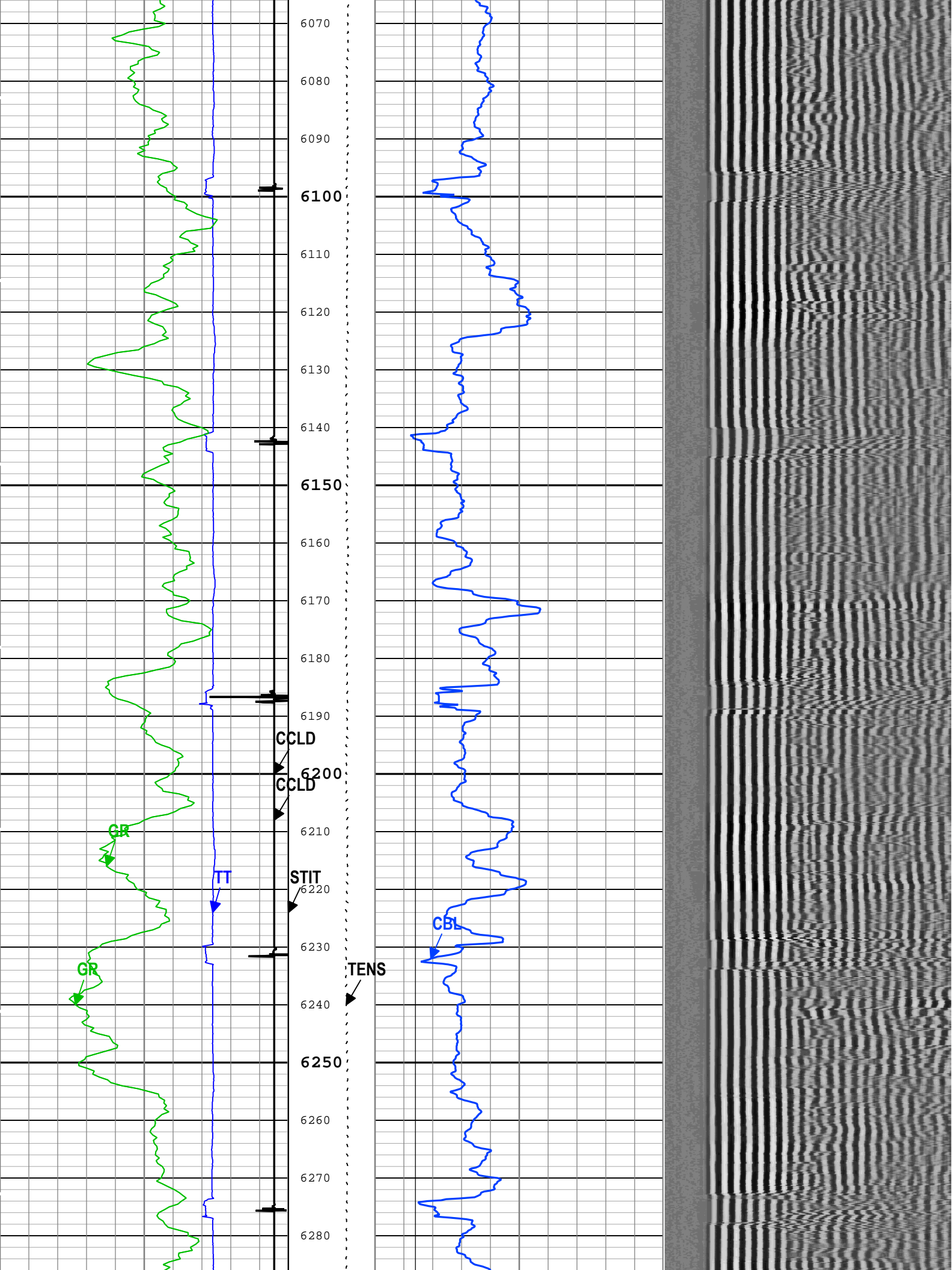


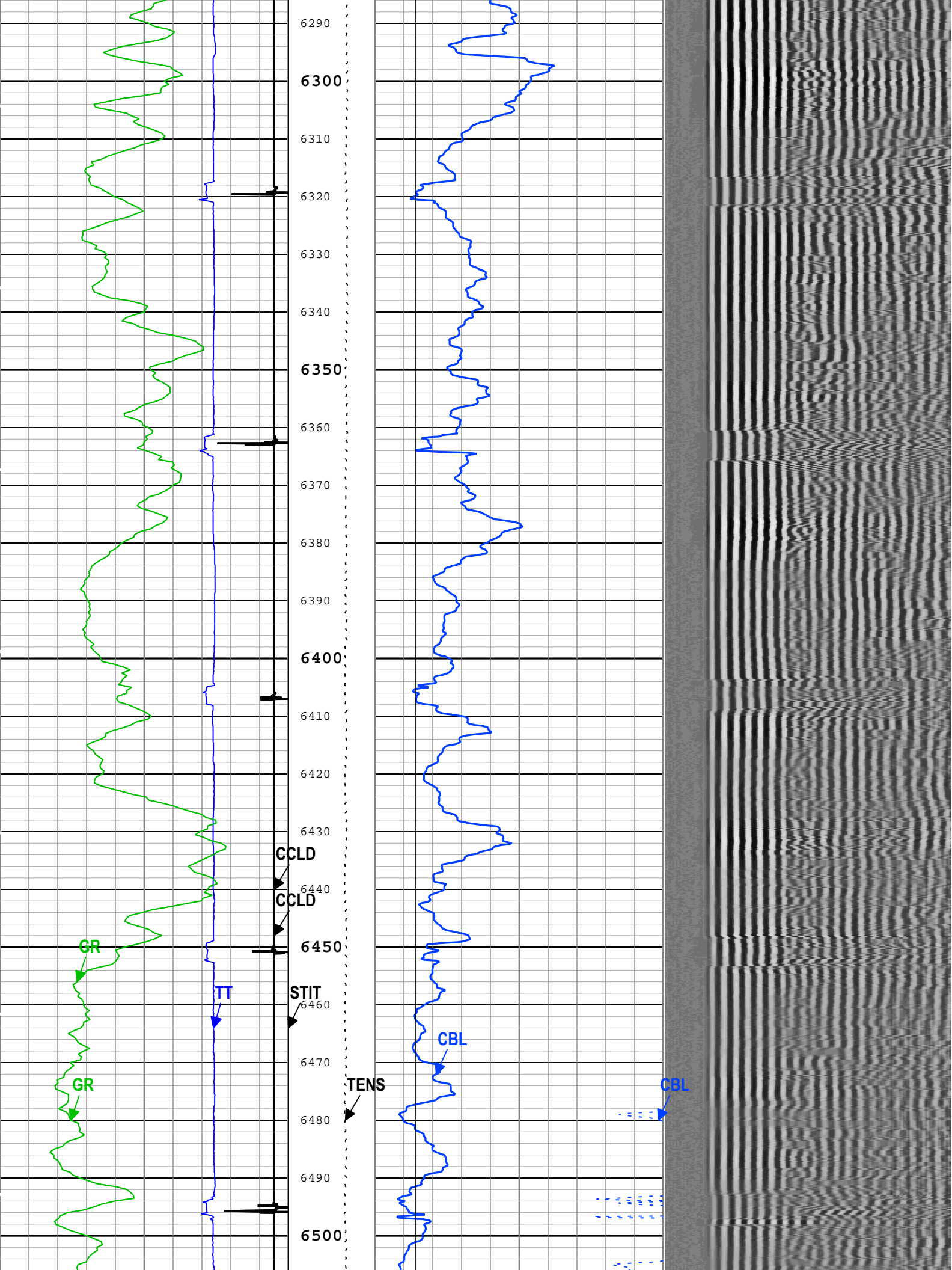


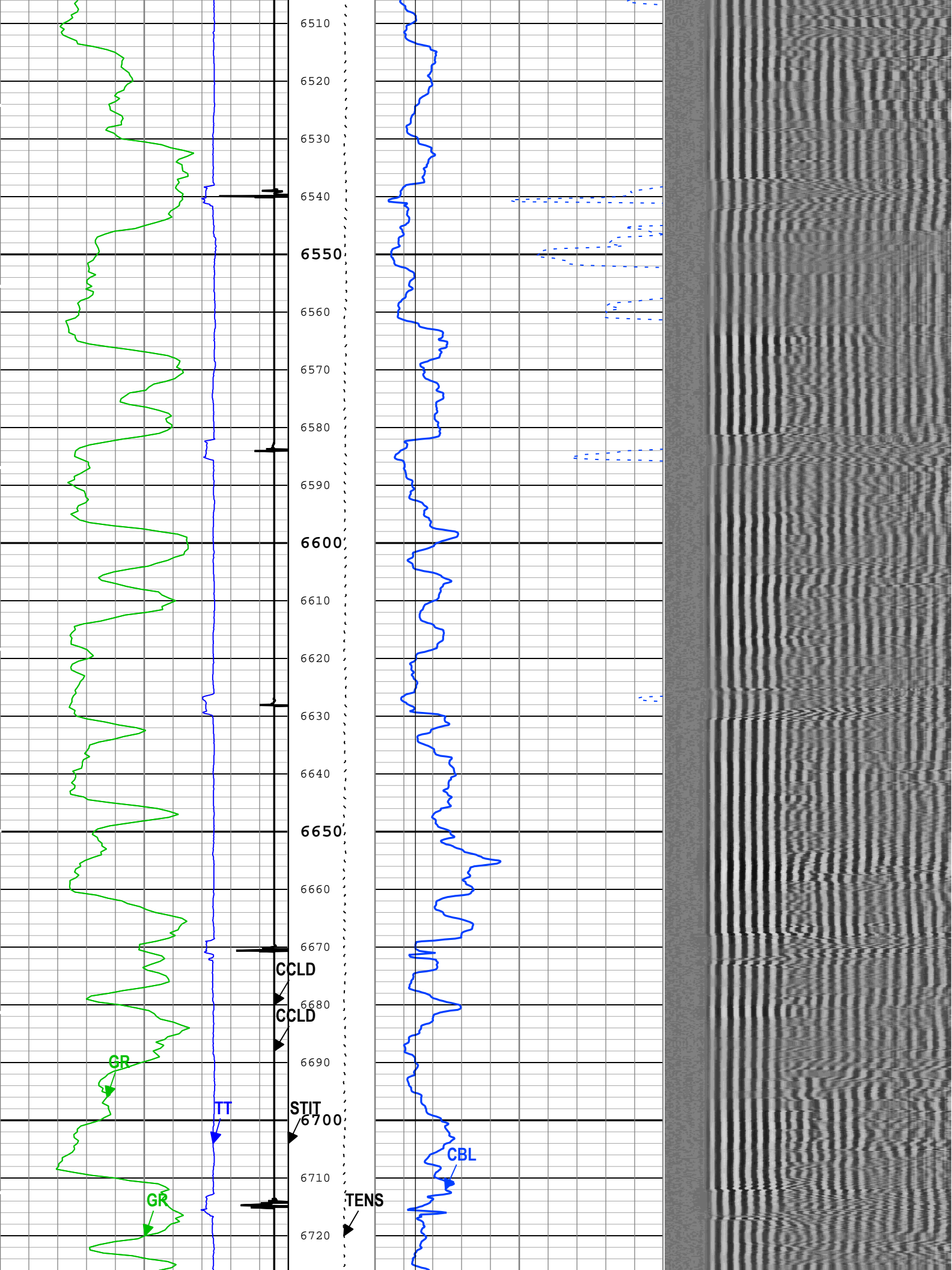




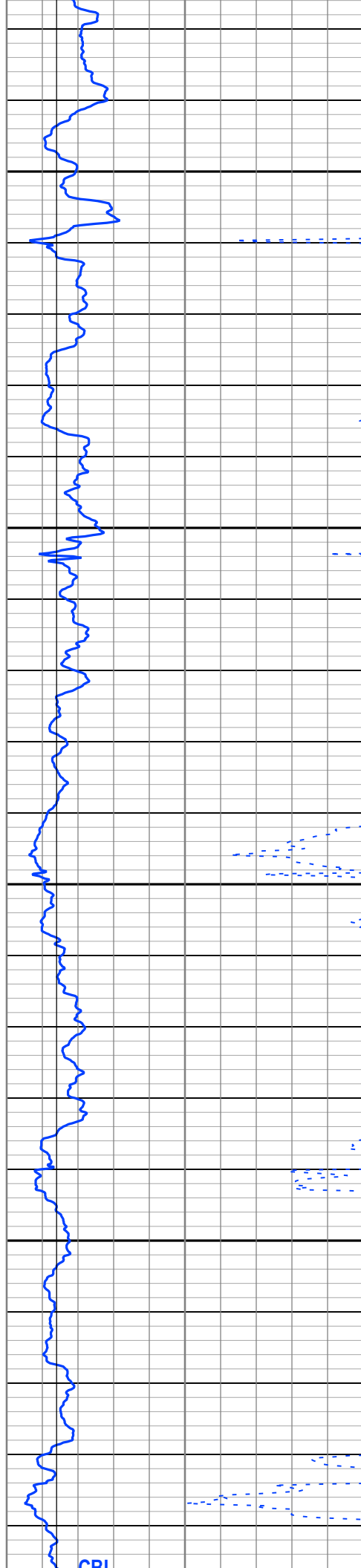
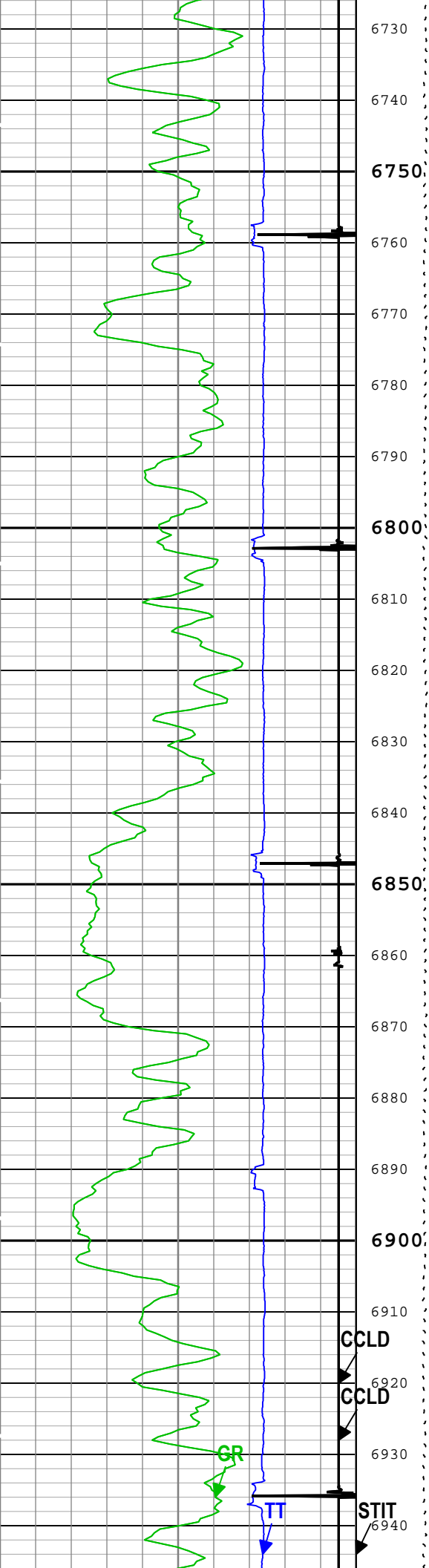


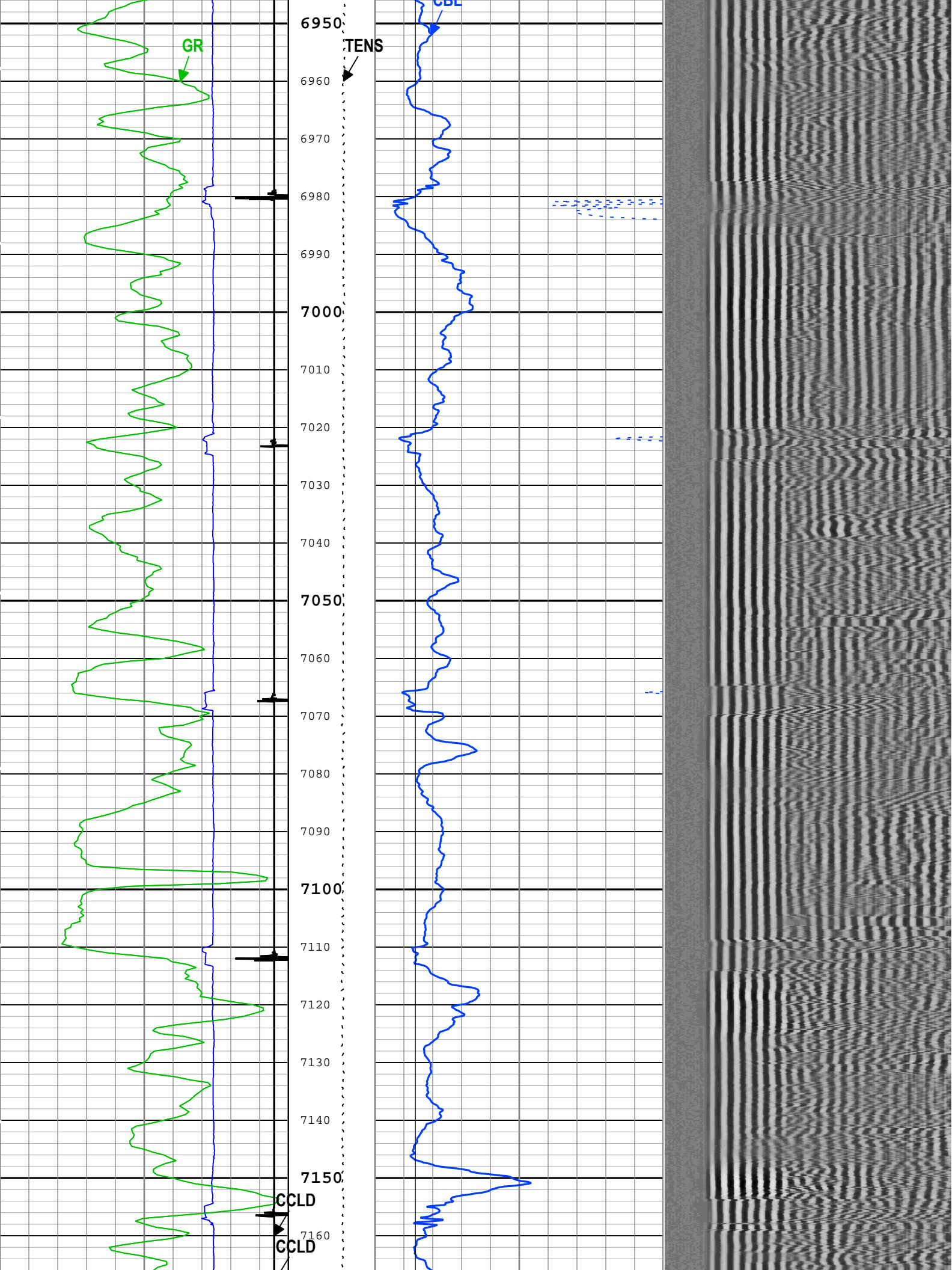




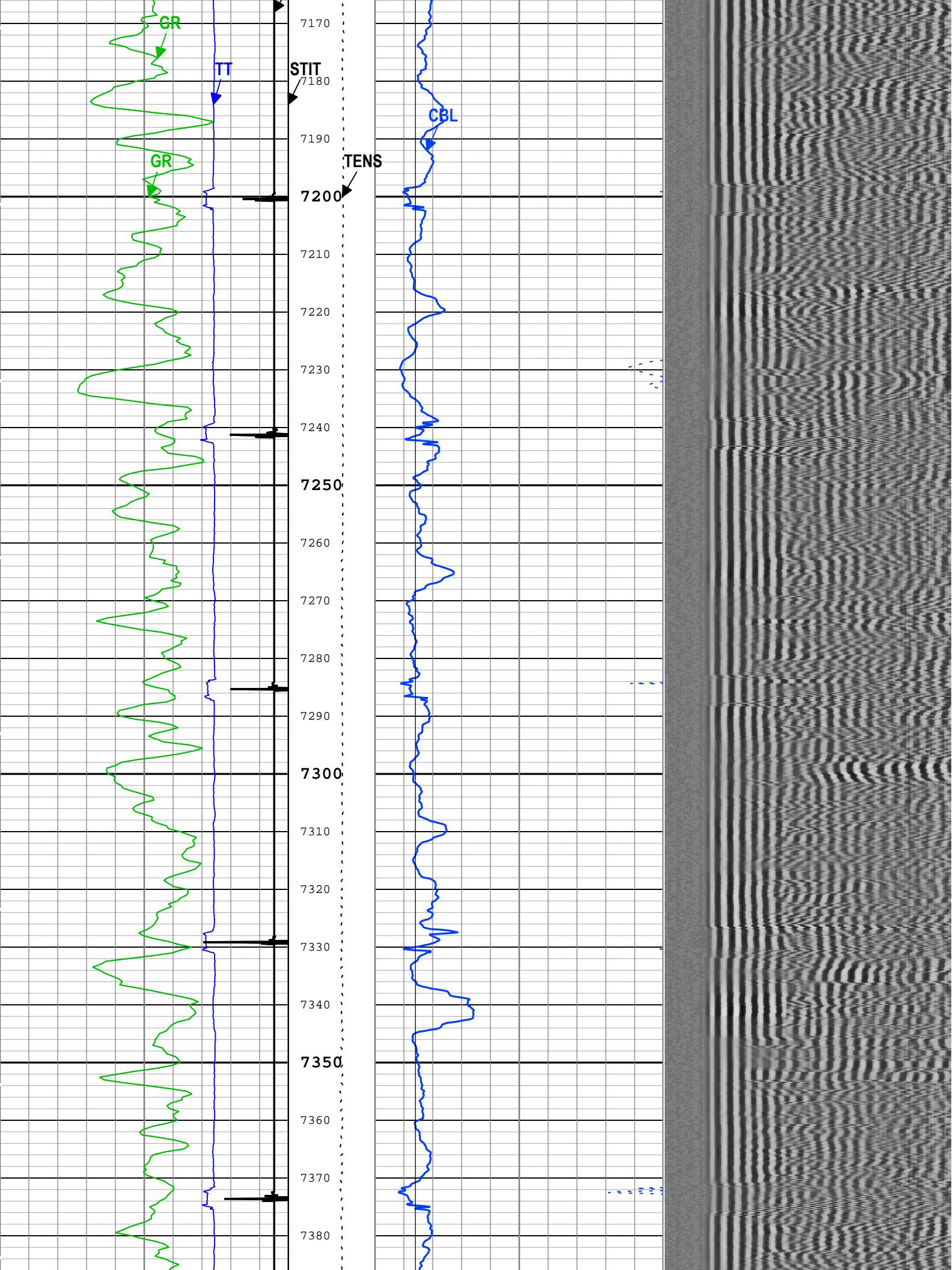


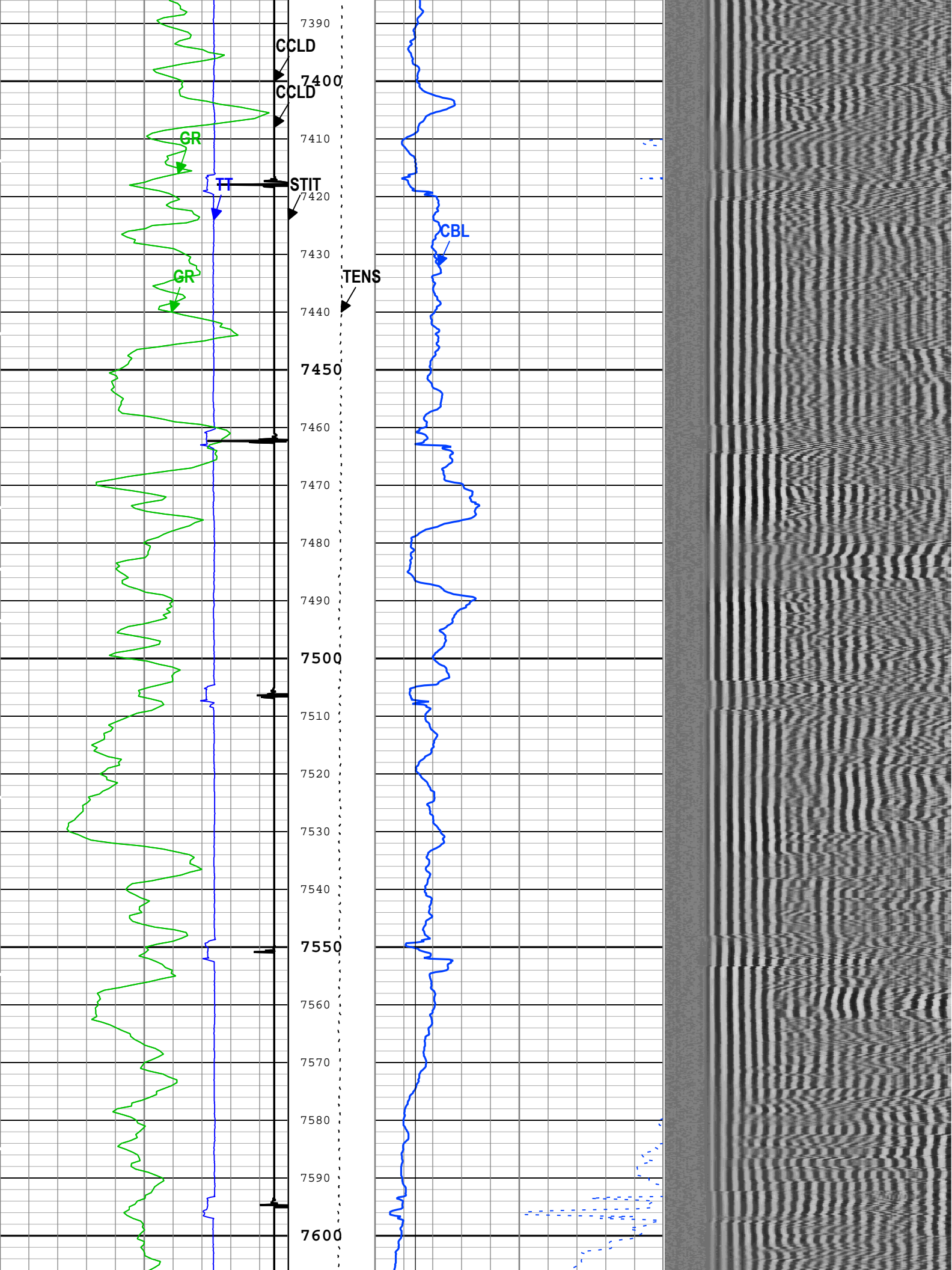


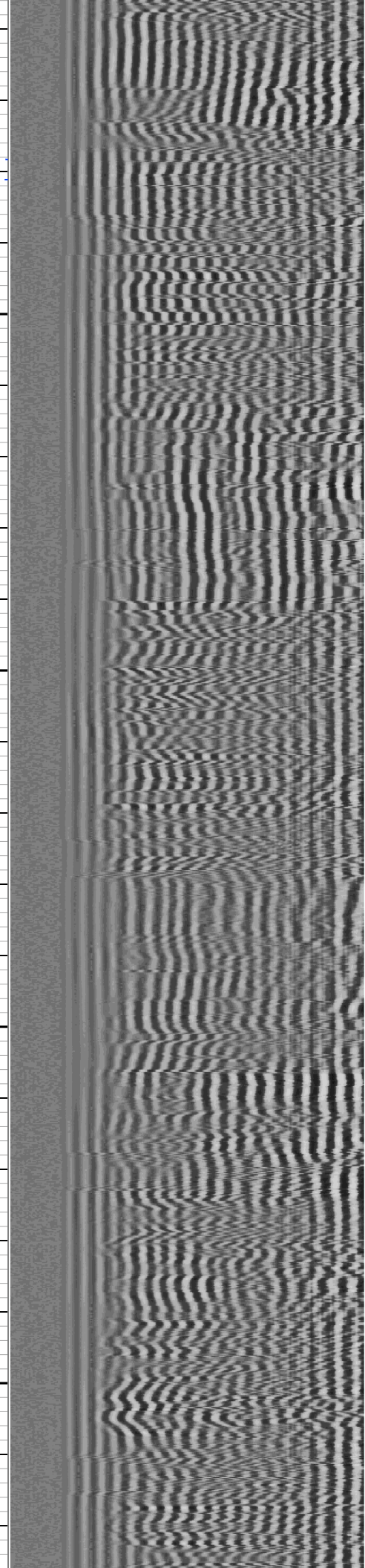
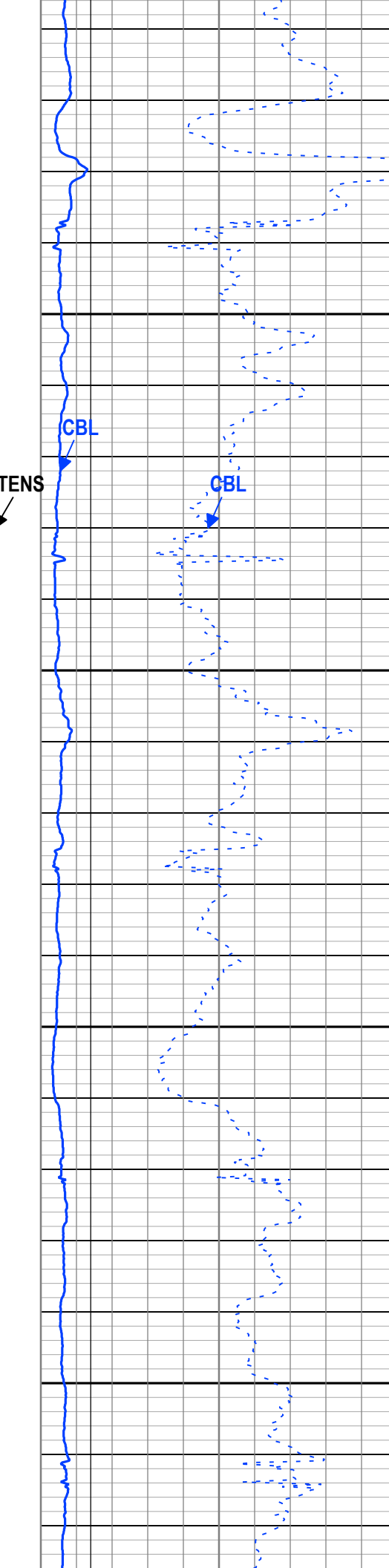
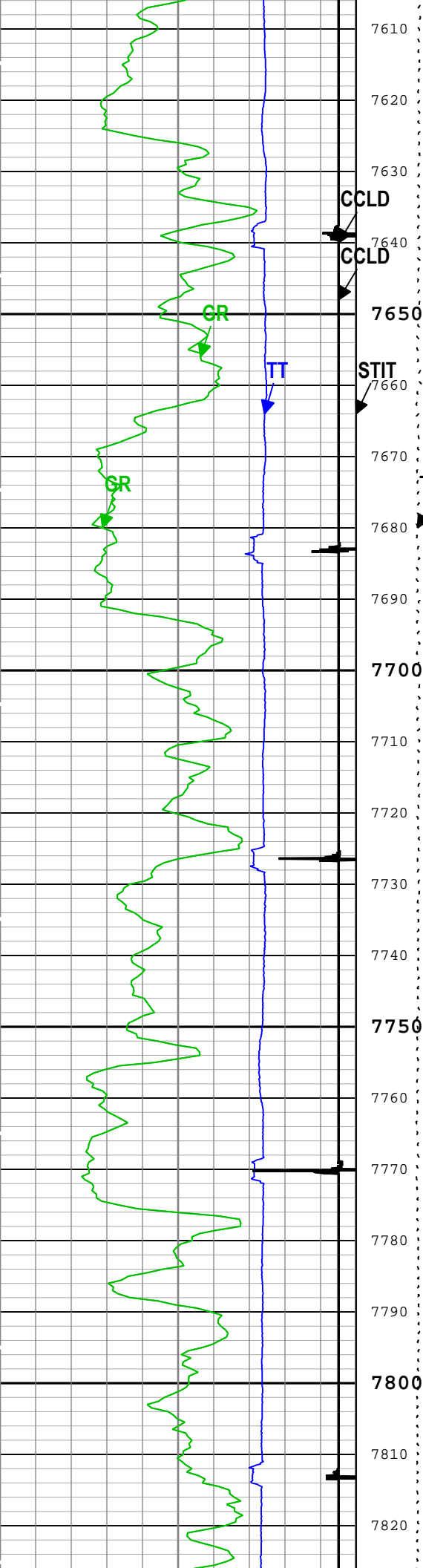




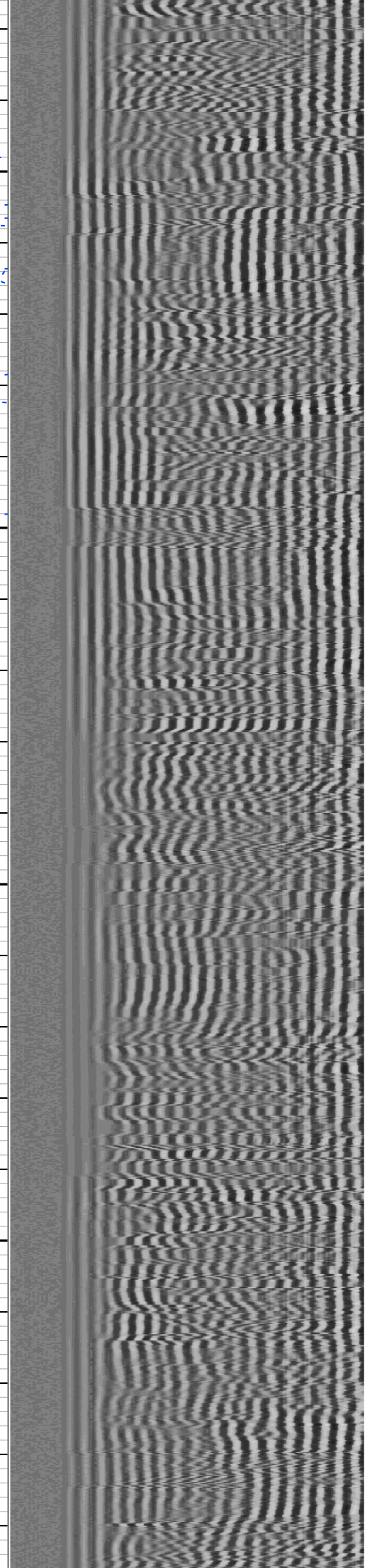
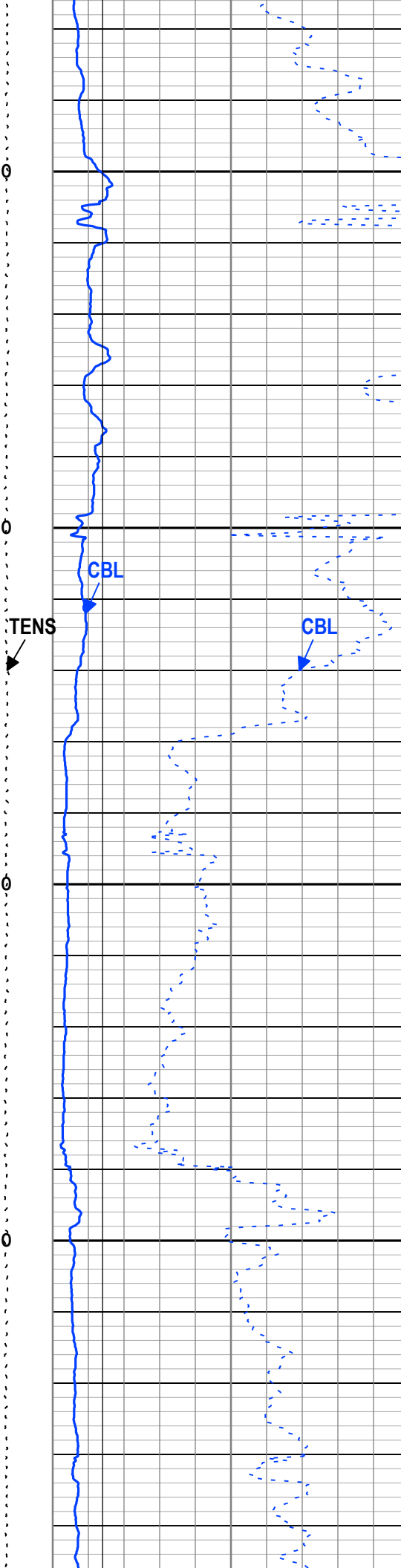
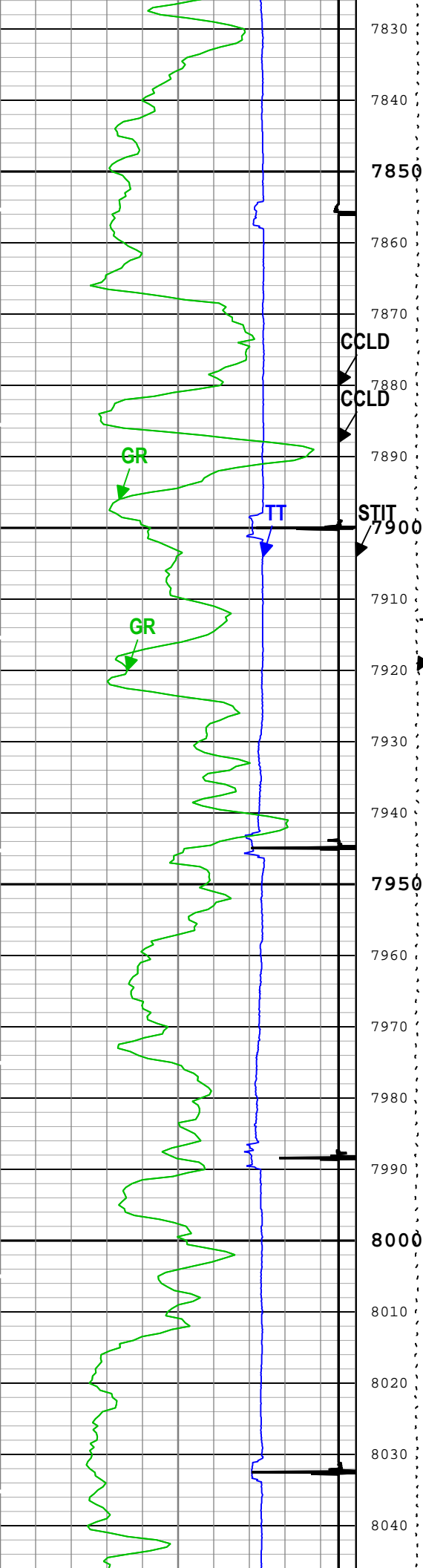


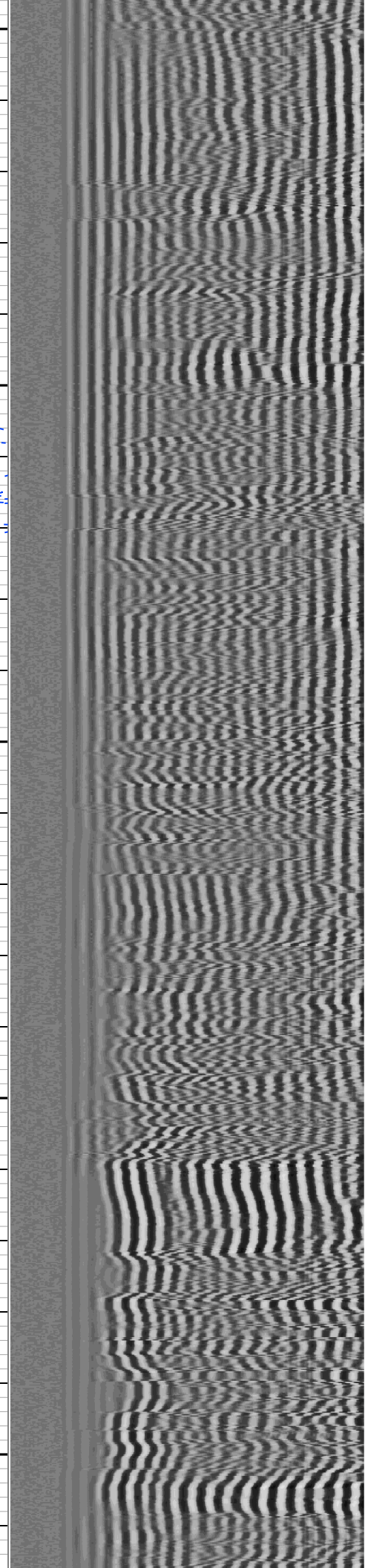
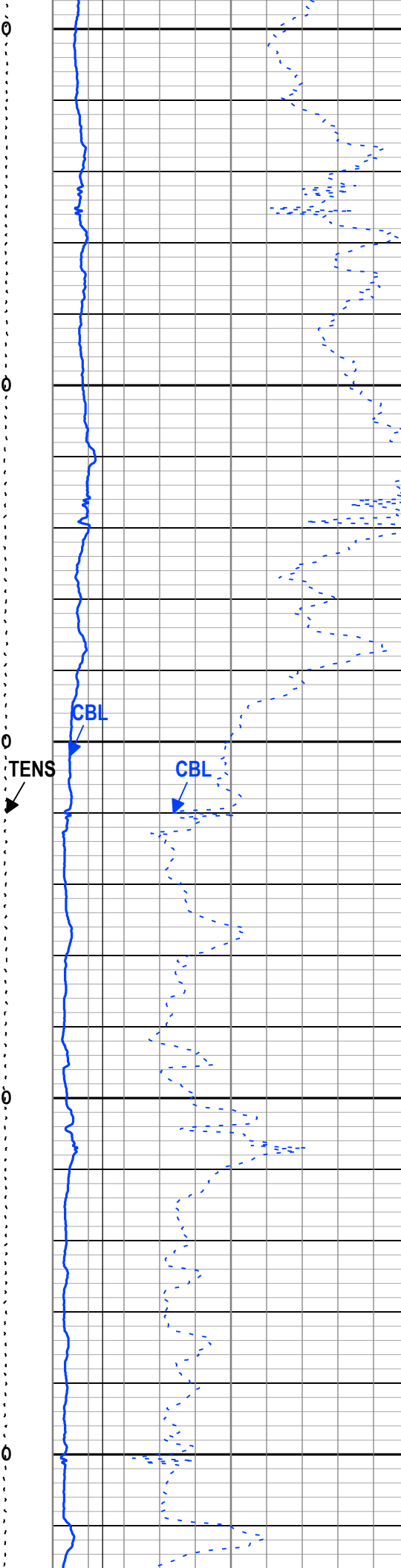
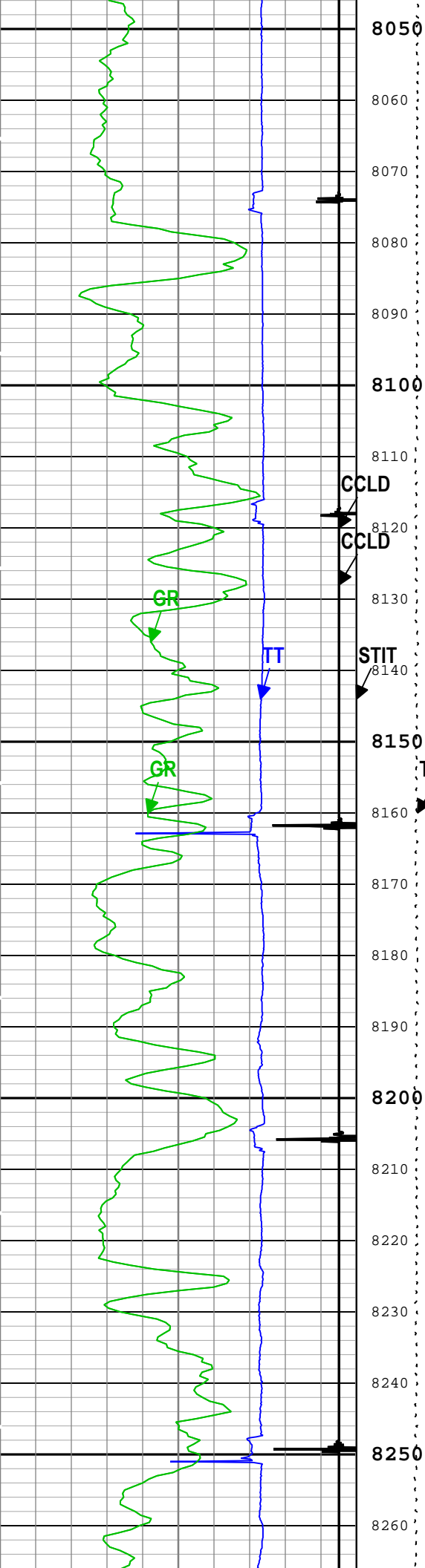


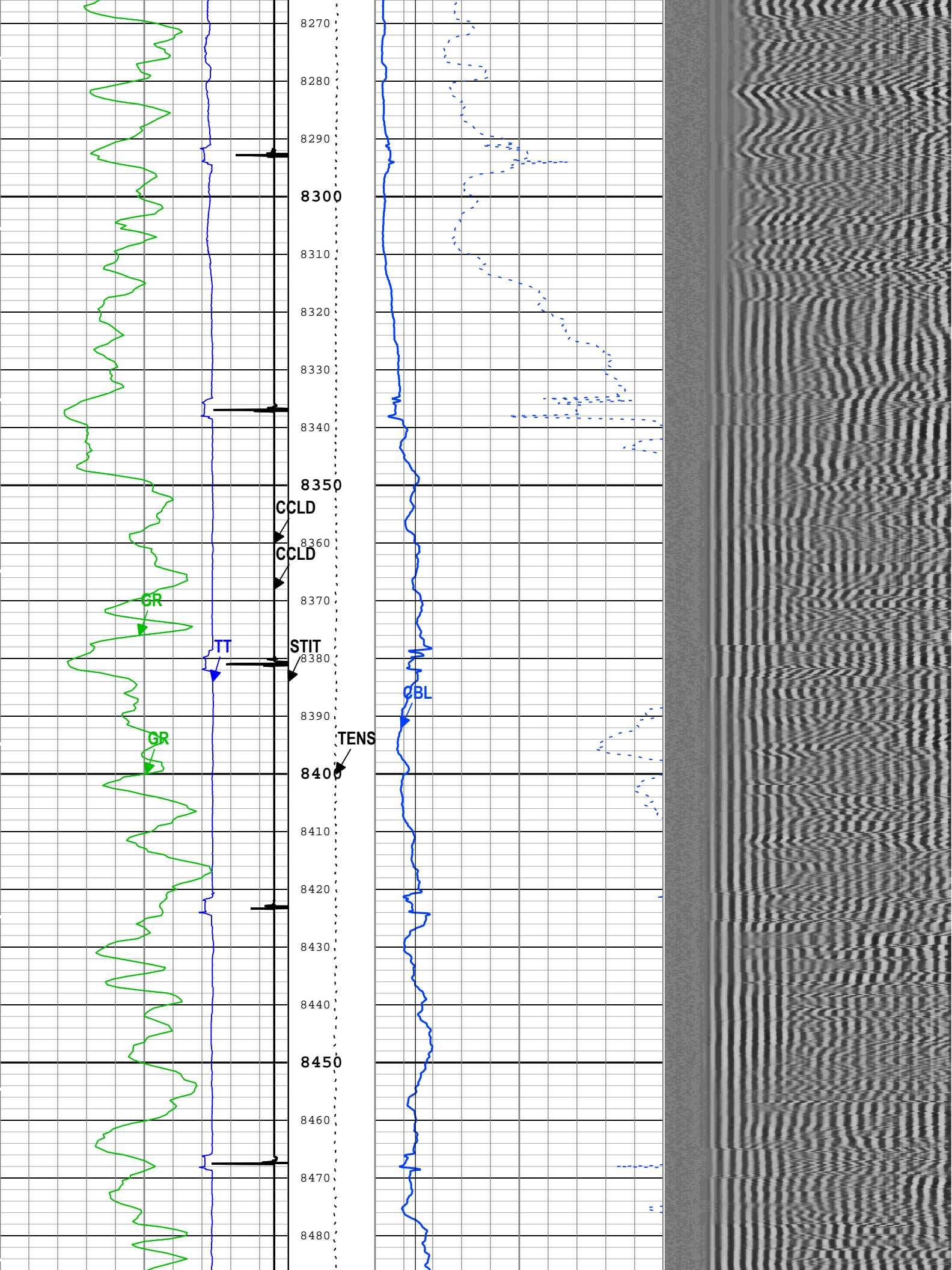




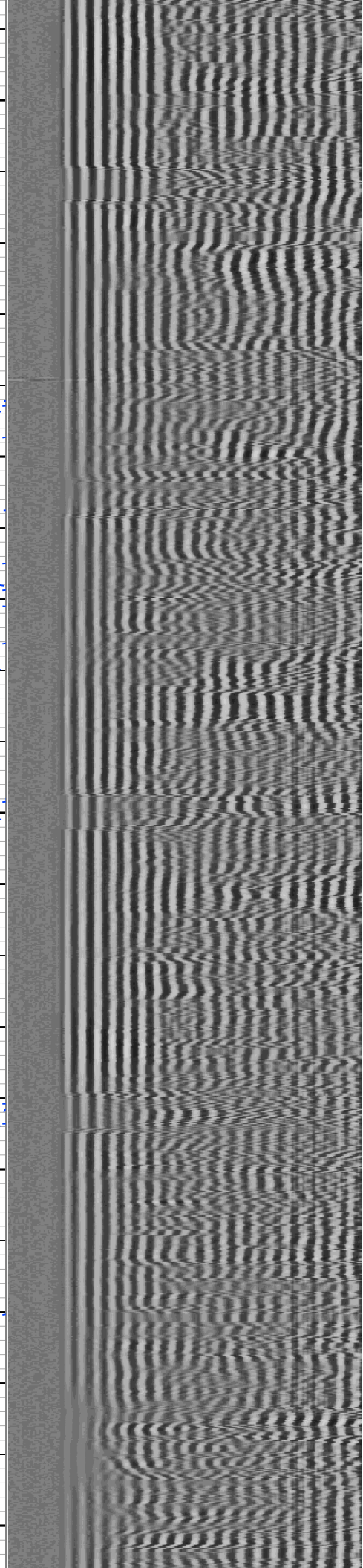
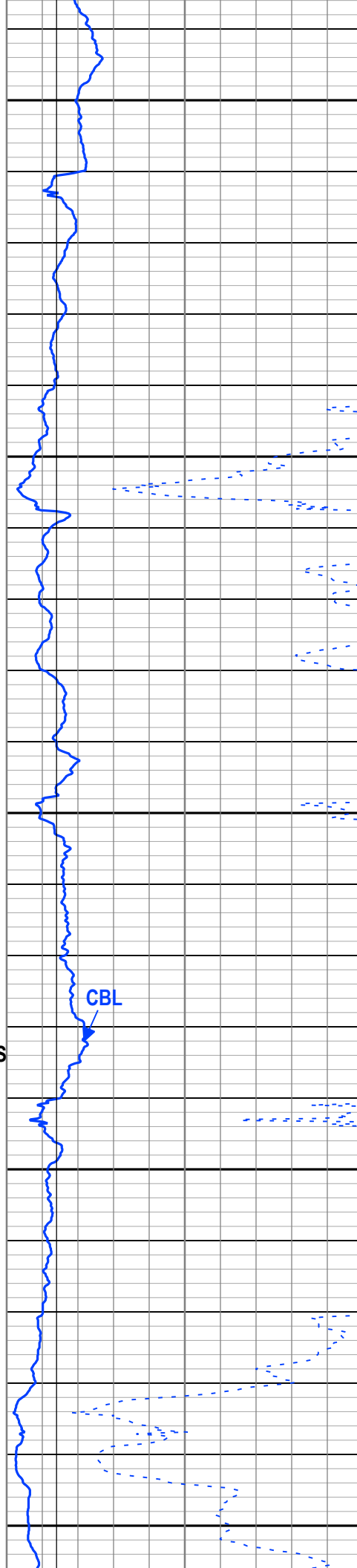
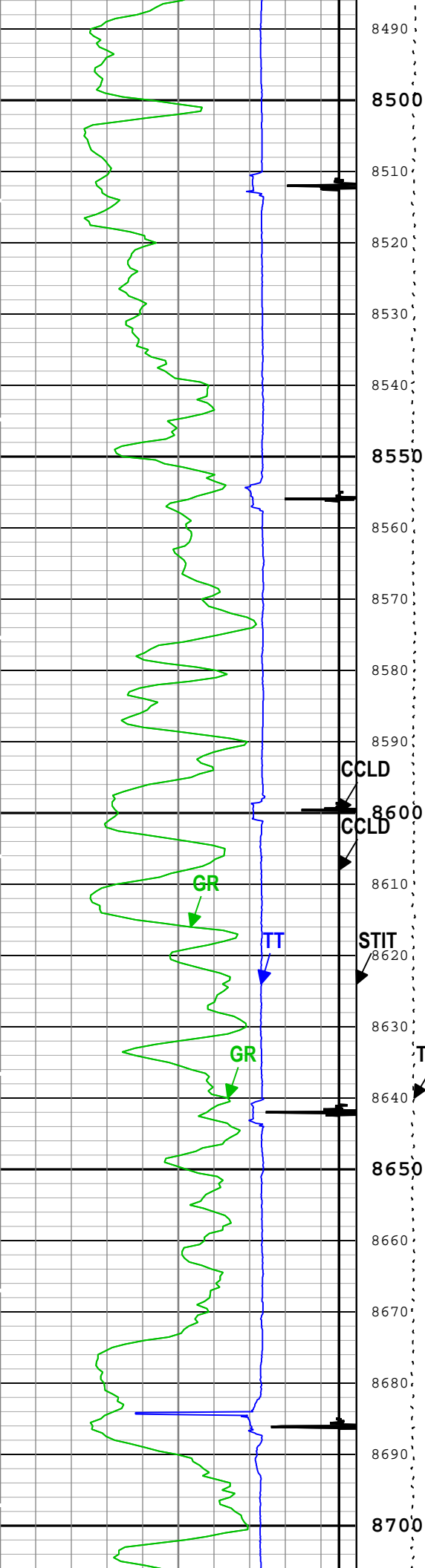


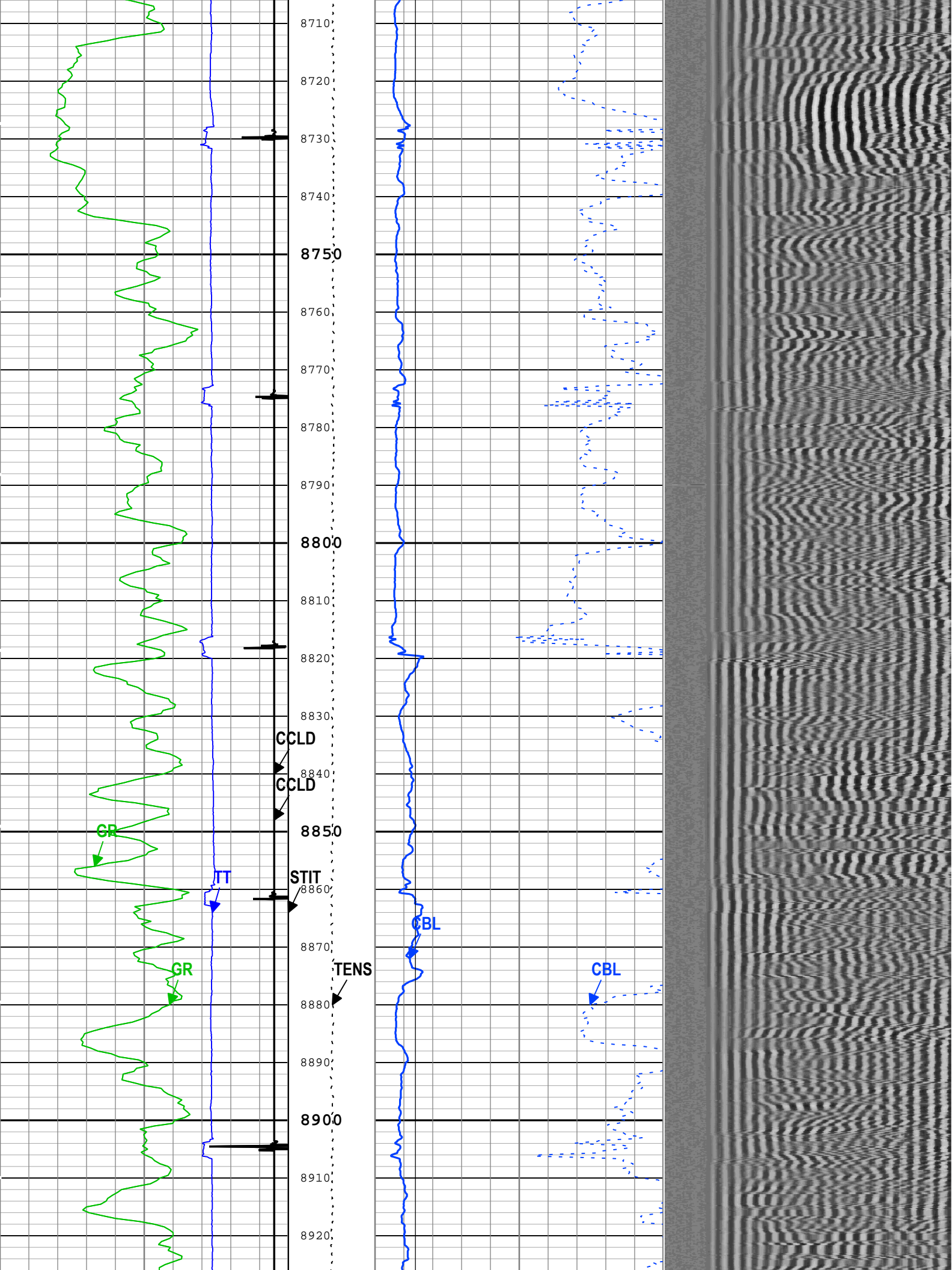




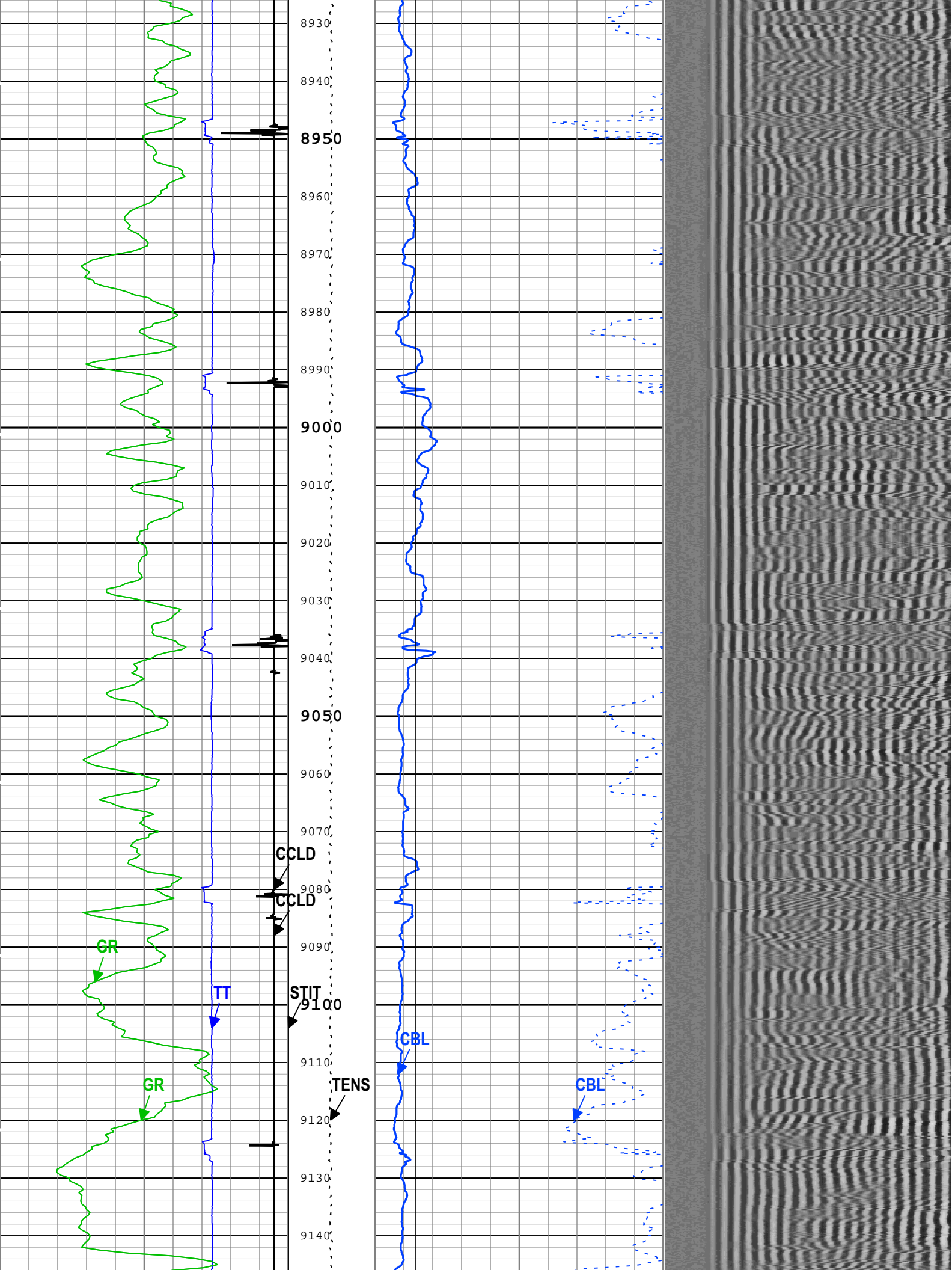


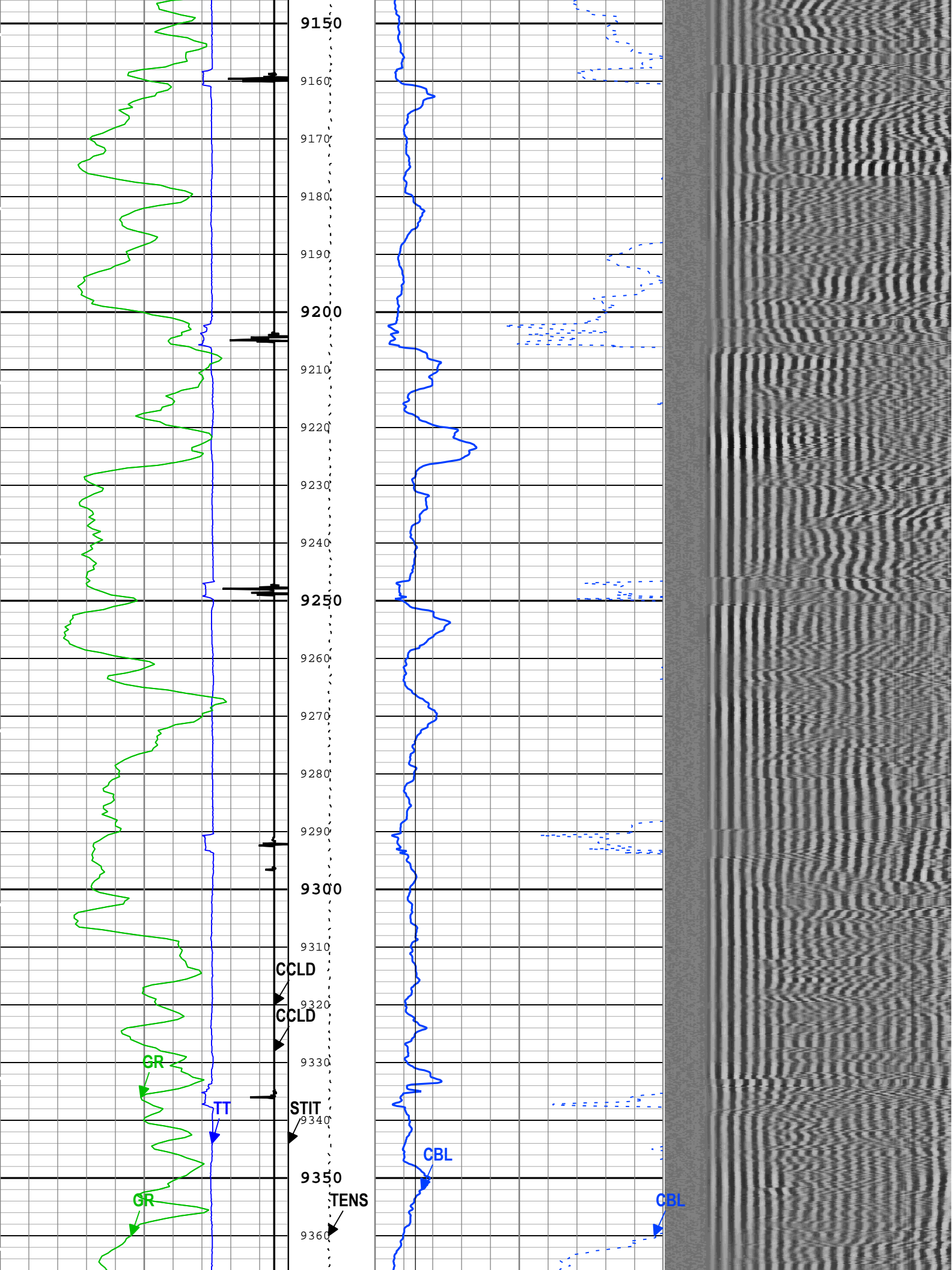


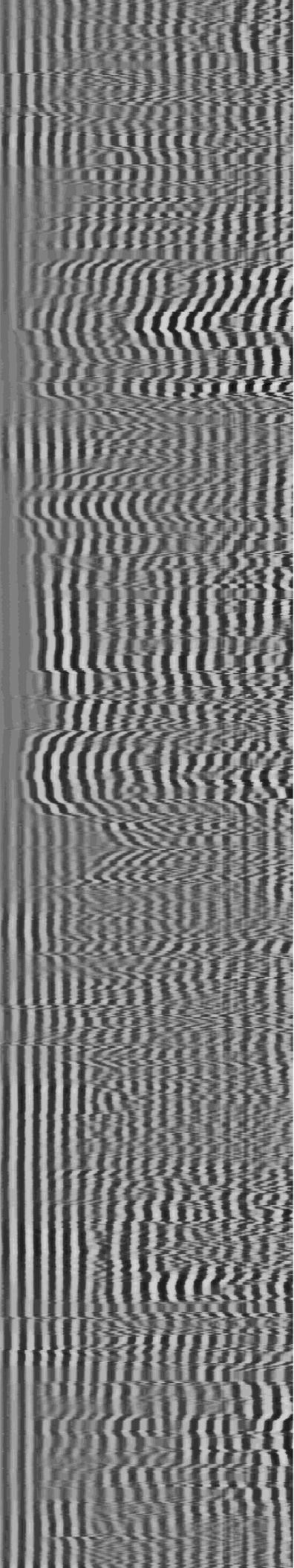
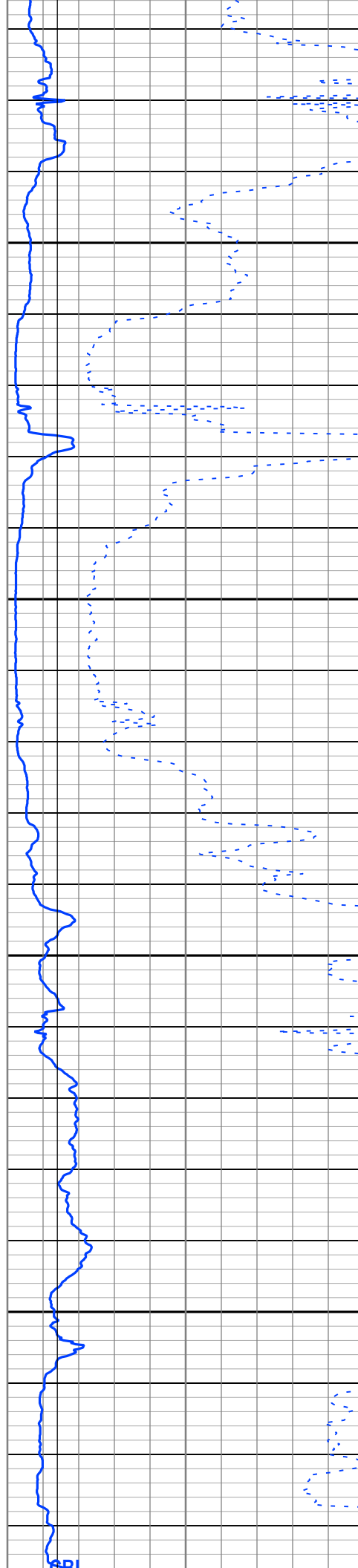
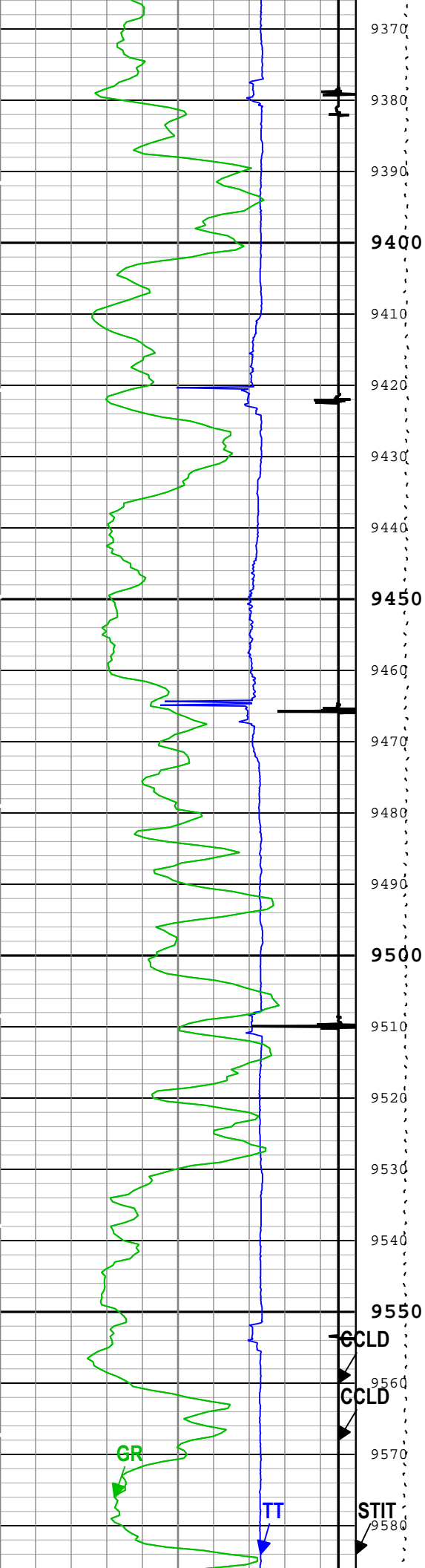




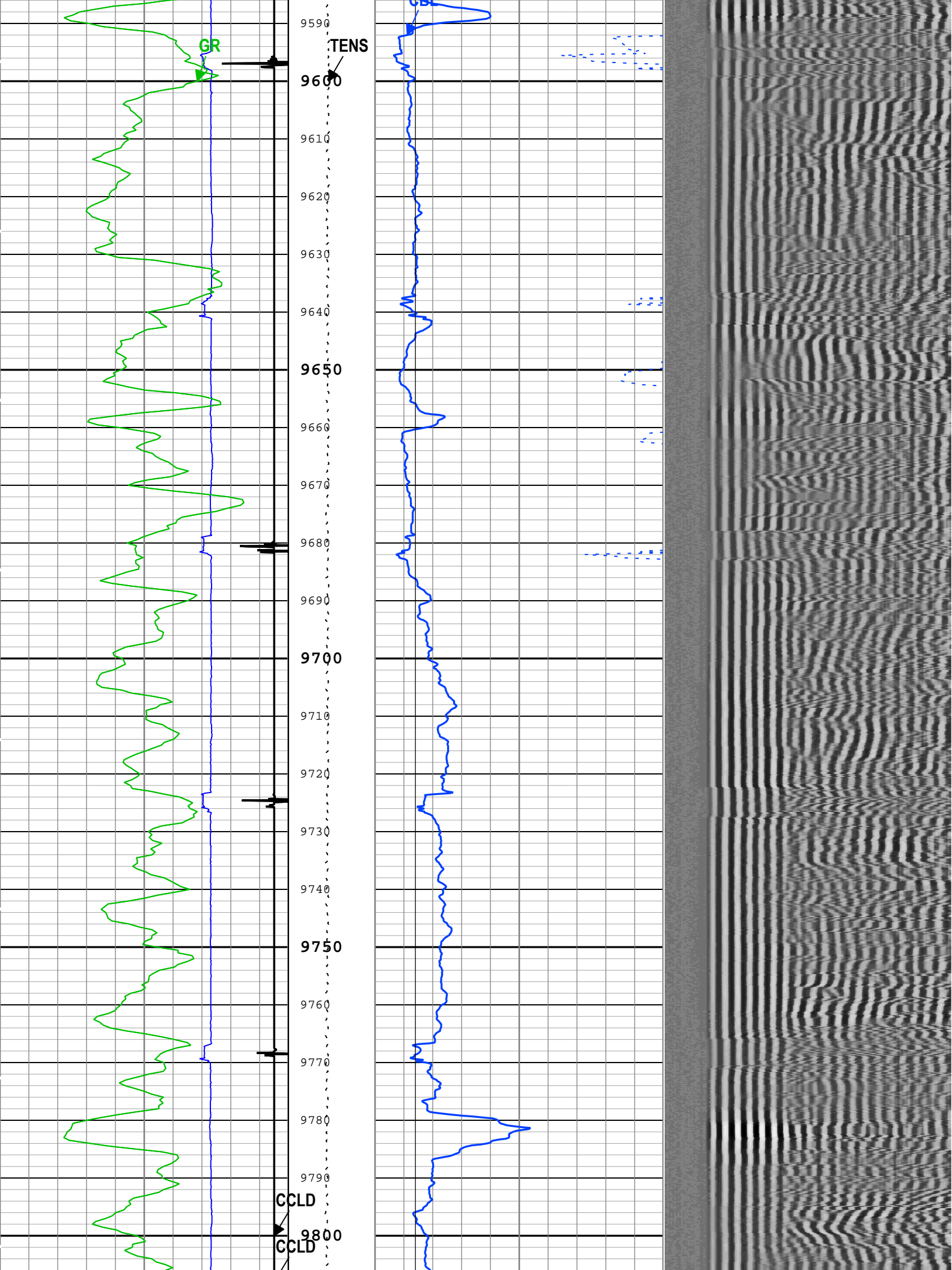


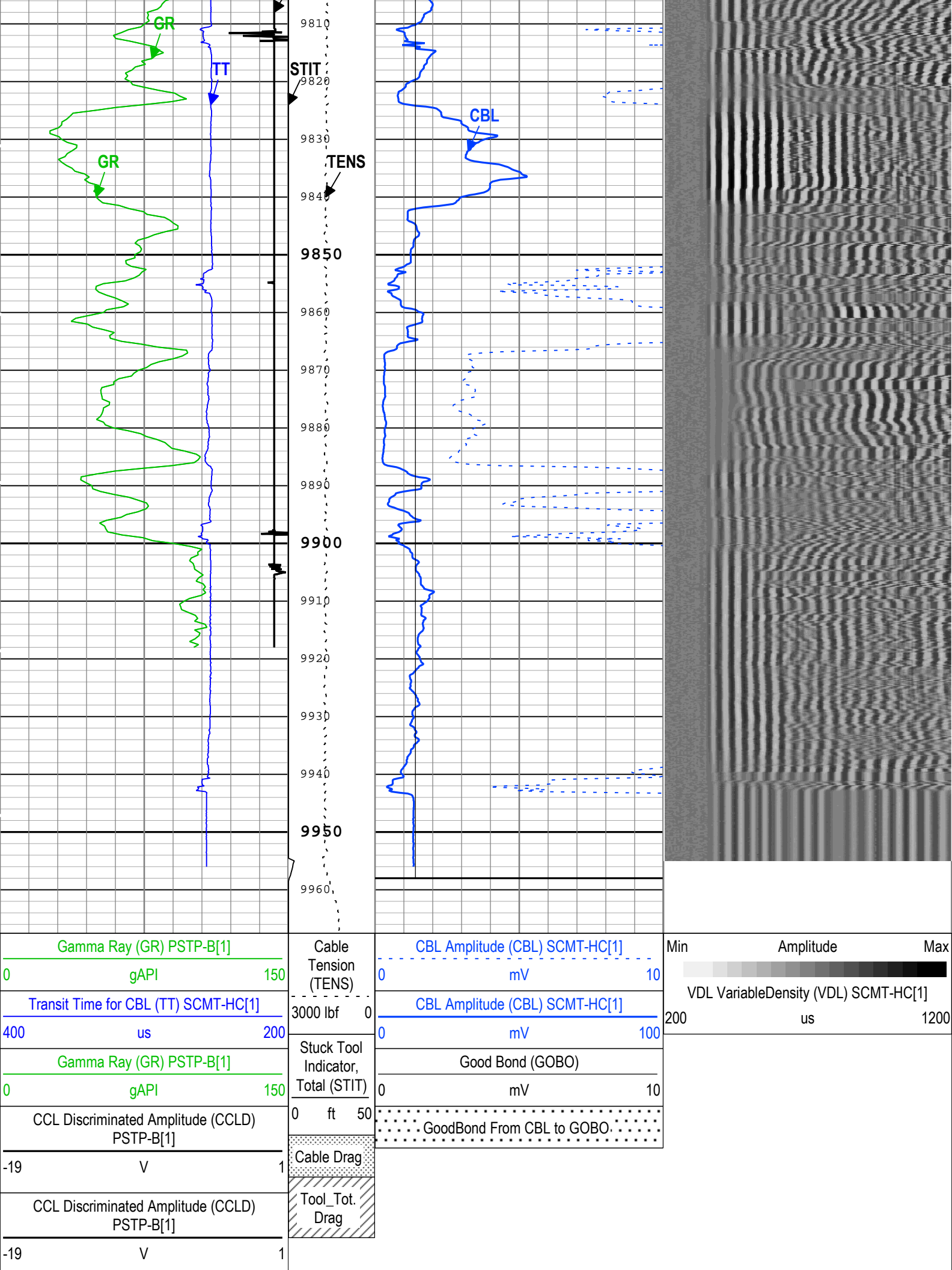












TIME\_1900 - Time Marked every 60.00 (s)

Description: Sonic CBL with VDL    Format: Log ( Sonic CBL with VDL )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 08-Sep-2018 22:17:22

Channel Processing Parameters

ONE: Parameters

Parameter	Description	Tool	Value	Unit
BHT	Bottom Hole Temperature	Borehole	276.46	degF
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	SCMT-HC	224	us
CBLG	CBL Gate Width	SCMT-HC	40	us
CBRA	CBL LQC Reference Amplitude in Free Pipe	SCMT-HC	Depth Zoned	mV
DC_MODE	Depth Correction Mode	DepthCorrection	Real-time	
DFD	Drilling Fluid Density	Borehole	8.5	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
EDF	Elevation of Derrick Floor Above Permanent Datum	WLSESSION	24	ft
EPD	Elevation of Permanent Datum (PDAT) above Mean Sea Level	WLSESSION	6709	ft
GGRD	Geothermal Gradient	Borehole	1	0.01 degF/ft
GOBO_CURR	Good Bond in Arbitrary Cement	SCMT-HC	Depth Zoned	mV
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	GTEM_LINEST(RT)	
MATT_CURR	Maximum Attenuation in Arbitrary Cement	SCMT-HC	Depth Zoned	dB/ft
MCI	Minimum Cemented Interval for Isolation	SCMT-HC	Depth Zoned	ft
MSA	Minimum Sonic Amplitude	SCMT-HC	Depth Zoned	mV
MSA_CURR	Minimum Sonic Amplitude in Arbitrary Cement	SCMT-HC	Depth Zoned	mV
PDAT	Permanent Datum	WLSESSION	GL	
RUN_SNUM	Run Sequence Number	WSDRUN	1	
SHT	Surface Hole Temperature	Borehole	68	degF
TD	Total Measured Depth	Borehole	9958	ft

ONEDepth Zoned Parameters

Parameter	Value	Start ( ft )	Stop ( ft )
CBRA	80	2200	9958
CBRA	0	9958	9967.5
GOBO_CURR	1.4	2200	9958
GOBO_CURR	0	9958	9967.5
MATT_CURR	16.92	2200	9958
MATT_CURR	0	9958	9967.5
MCI	14.81	2200	2399
MCI	1.25	2399	9958
MCI	0	9958	9967.5
MSA	0.51	2200	9958
MSA	0	9958	9967.5
MSA_CURR	0.51	2200	9958
MSA_CURR	0	9958	9967.5

All depth are actual.

Tool Control Parameters

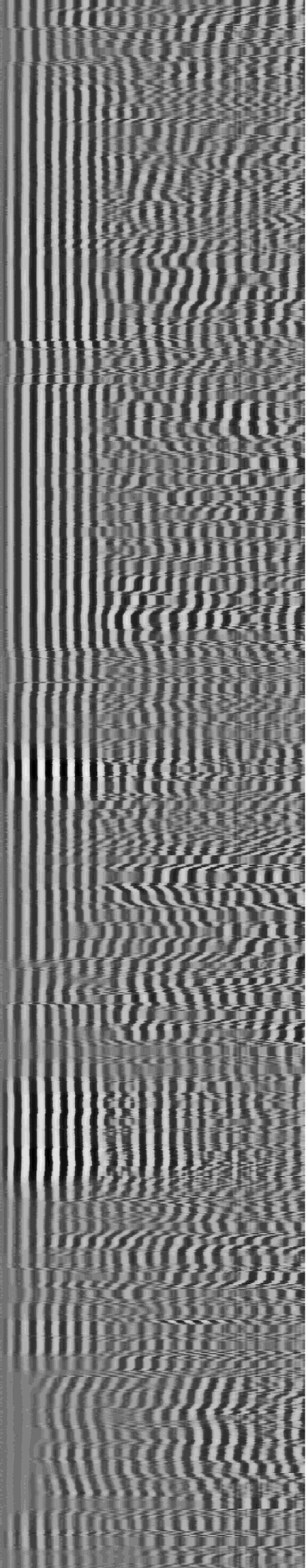
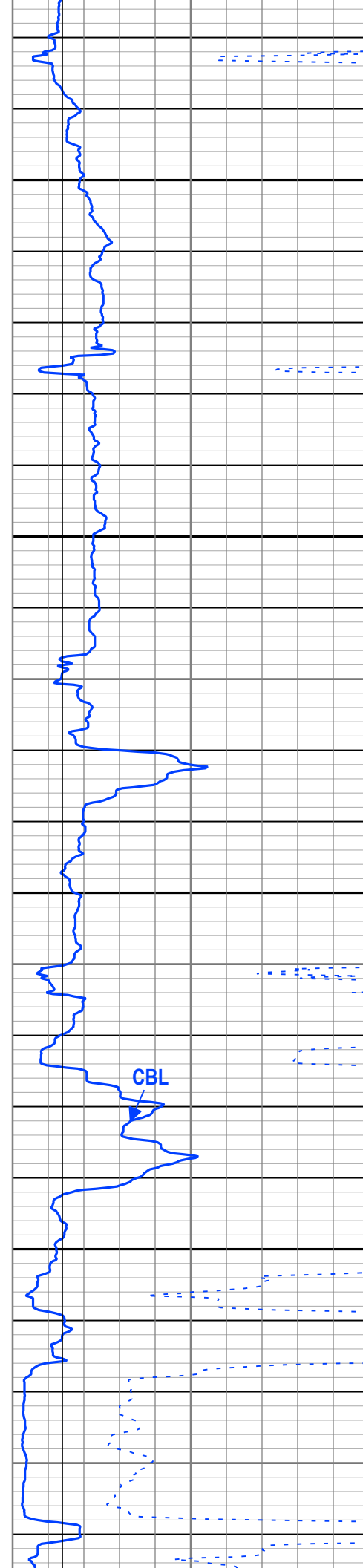
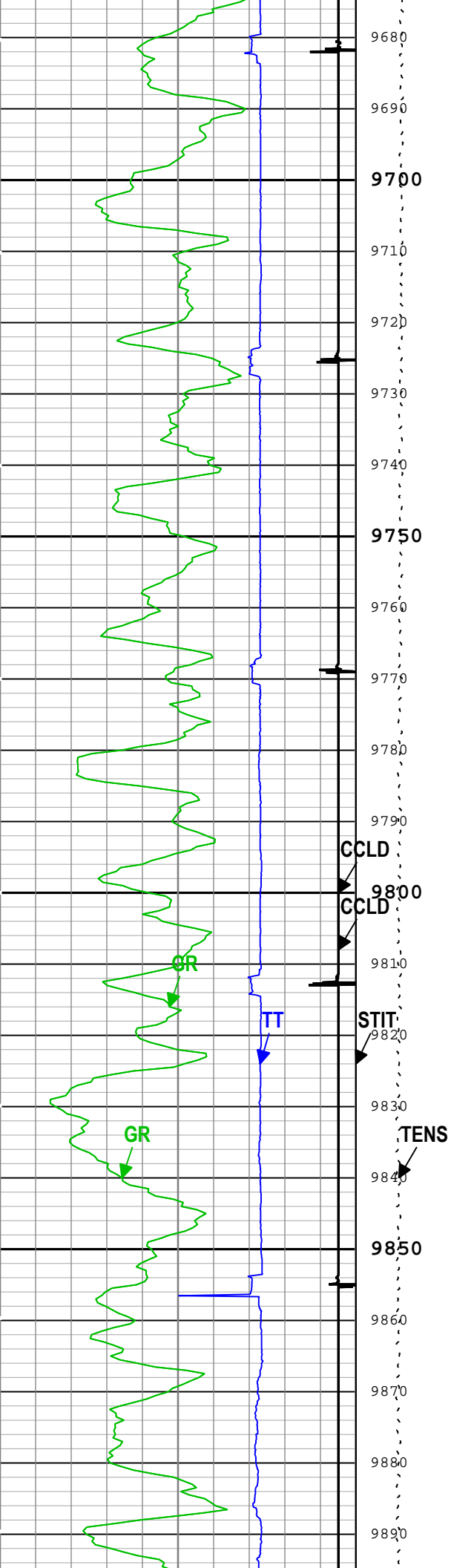
ONE: Parameters

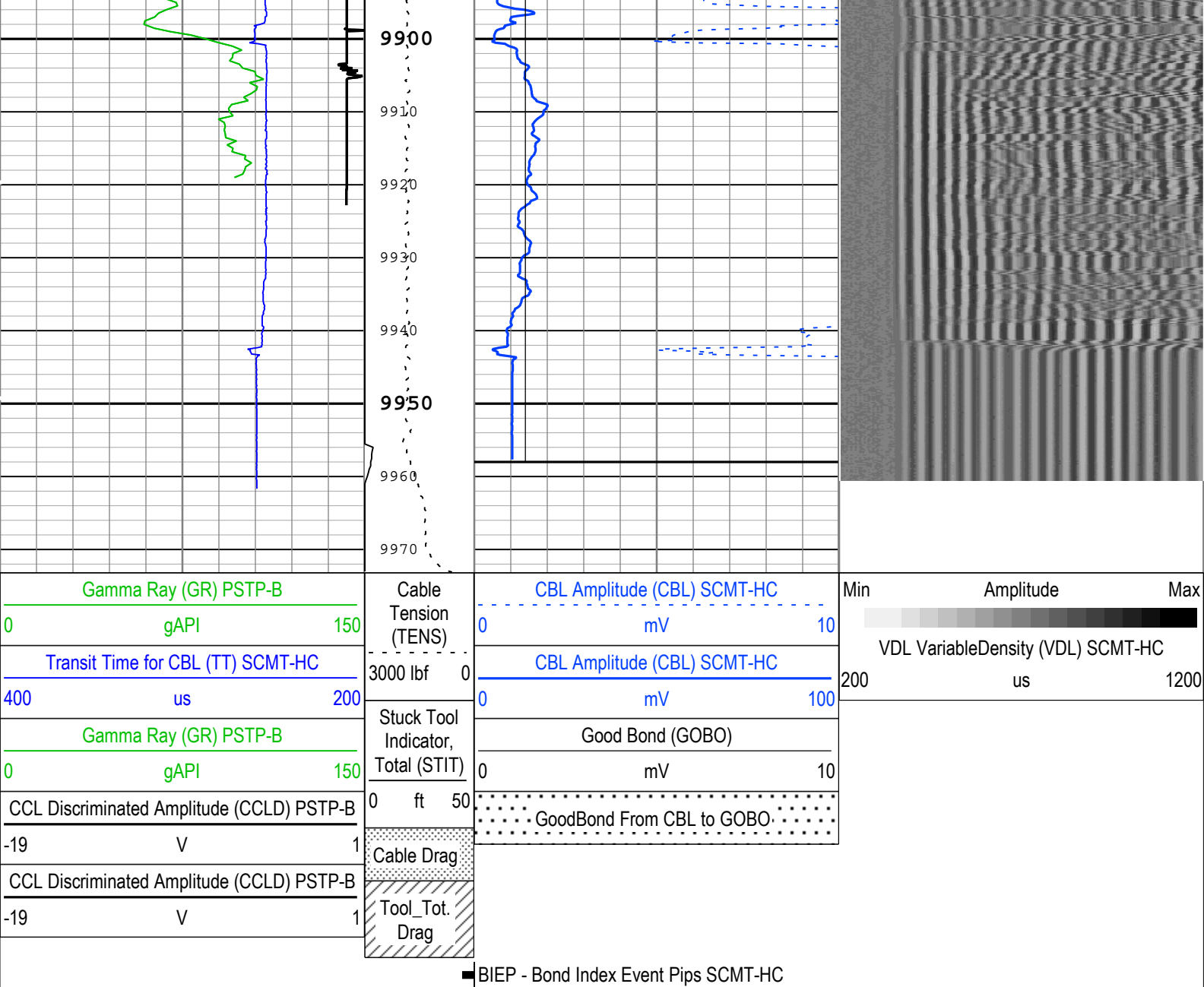
Parameter	Description	Tool	Value	Unit
CMTM	SCMT Operating Mode	SCMT-HC	Log	



**BIEP - Bond Index Event Pips SCMT-HC**

Gamma Ray (GR) PSTP-B			Cable Tension (TENS)	CBL Amplitude (CBL) SCMT-HC		
0	gAPI	150		0	mV	10
Transit Time for CBL (TT) SCMT-HC			3000 lbf	CBL Amplitude (CBL) SCMT-HC		
400	us	200		0	mV	100
Gamma Ray (GR) PSTP-B				Good Bond (GOBO)		
0	gAPI	150	0 ft 50	0	mV	10
CCL Discriminated Amplitude (CCLD) PSTP-B			Cable Drag	VDL VariableDensity (VDL) SCMT-HC		
-19	V	1		Min Amplitude Max		
CCL Discriminated Amplitude (CCLD) PSTP-B			Tool Tot. Drag	200 us 1200		
-19	V	1				





## Channel Processing Parameters

### ONE: Parameters

Parameter	Description	Tool	Value	Unit
BHT	Bottom Hole Temperature	Borehole	276.46	degF
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	SCMT-HC	224	us
CBLG	CBL Gate Width	SCMT-HC	40	us
CBRA	CBL LQC Reference Amplitude in Free Pipe	SCMT-HC	Depth Zoned	mV
DC_MODE	Depth Correction Mode	DepthCorrection	Real-time	
DFD	Drilling Fluid Density	Borehole	8.5	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
EDF	Elevation of Derrick Floor Above Permanent Datum	WLSESSION	24	ft
EPD	Elevation of Permanent Datum (PDAT) above Mean Sea Level	WLSESSION	6709	ft
GGRD	Geothermal Gradient	Borehole	1	0.01 degF/ft
GOBO_CURR	Good Bond in Arbitrary Cement	SCMT-HC	Depth Zoned	mV
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	GTEM_LINEST(RT)	



MATT_CURR	Maximum Attenuation in Arbitrary Cement	SCMT-HC	Depth Zoned	dB/ft
MCI	Minimum Cemented Interval for Isolation	SCMT-HC	Depth Zoned	ft
MSA	Minimum Sonic Amplitude	SCMT-HC	Depth Zoned	mV
MSA_CURR	Minimum Sonic Amplitude in Arbitrary Cement	SCMT-HC	Depth Zoned	mV
PDAT	Permanent Datum	WLSESSION	GL	
RUN_SNUM	Run Sequence Number	WSDRUN	1	
SHT	Surface Hole Temperature	Borehole	68	degF
TD	Total Measured Depth	Borehole	9958	ft

Depth Zone Parameters			
Parameter	Value	Start ( ft )	Stop ( ft )
CBRA	80	9600	9958
CBRA	0	9958	9973.17
GOBO_CURR	1.4	9600	9958
GOBO_CURR	0	9958	9973.17
MATT_CURR	16.92	9600	9958
MATT_CURR	0	9958	9973.17
MCI	1.25	9600	9958
MCI	0	9958	9973.17
MSA	0.51	9600	9958
MSA	0	9958	9973.17
MSA_CURR	0.51	9600	9958
MSA_CURR	0	9958	9973.17
All depth are actual.			

Tool Control Parameters				
ONE: Parameters				
Parameter	Description	Tool	Value	Unit
CMTM	SCMT Operating Mode	SCMT-HC	Log	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	150	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-B	24 dB	

Composite 1									
Main Pass									

Software Version									
Acquisition System						Version			
Maxwell 2018 SP1						8.1.99839.3100			
Application Patch						Wireline_Hotfix-Mandatory-2018SP1_8.1.102865			

Composite Summary									
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
ONE	Log[4]:Up	Up	7099.01 ft	9972.28 ft	08-Sep-2018 10:13:59 AM	08-Sep-2018 11:53:28 AM	ON	7.96 ft	No
ONE	Log[5]:Up	Up	3485.15 ft	7611.19 ft	08-Sep-2018 12:36:13 PM	08-Sep-2018 2:55:01 PM	ON	8.44 ft	No
ONE	Log[6]:Up	Up	91.60 ft	3808.64 ft	08-Sep-2018 3:37:12 PM	08-Sep-2018 5:17:22 PM	ON	0.00 ft	No
All depths are referenced to toolstring zero									

Log	<div> <div>Company:Caerus Operating LLC</div> <div>Well:NPR 12A-10 596</div> <div>Composite 1:S002</div> </div>								
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Description: RST SIGMA Answer
 Format: Log ( RST SIGMA Answer )
 Index Scale: 5 in per 100 ft
 Index Unit: ft
 Index Type: Measured Depth
 Creation Date: 08-Sep-2018 22:18:45

TIME\_1900 - Time Marked every 60.00 (s)

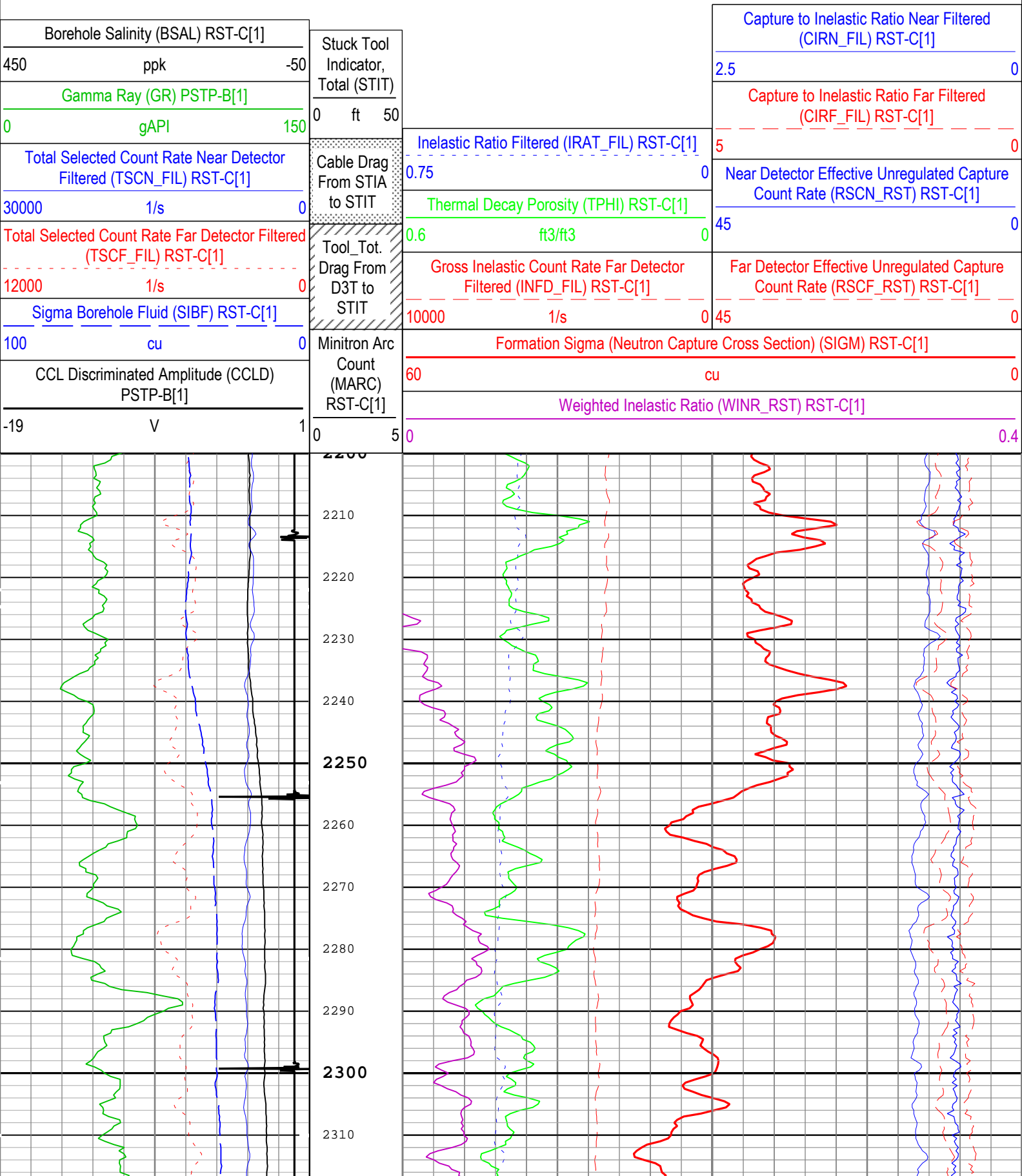
TIME\_1900 - Elapsed time since midnight, 30 December 1899 every 60.00 (s)

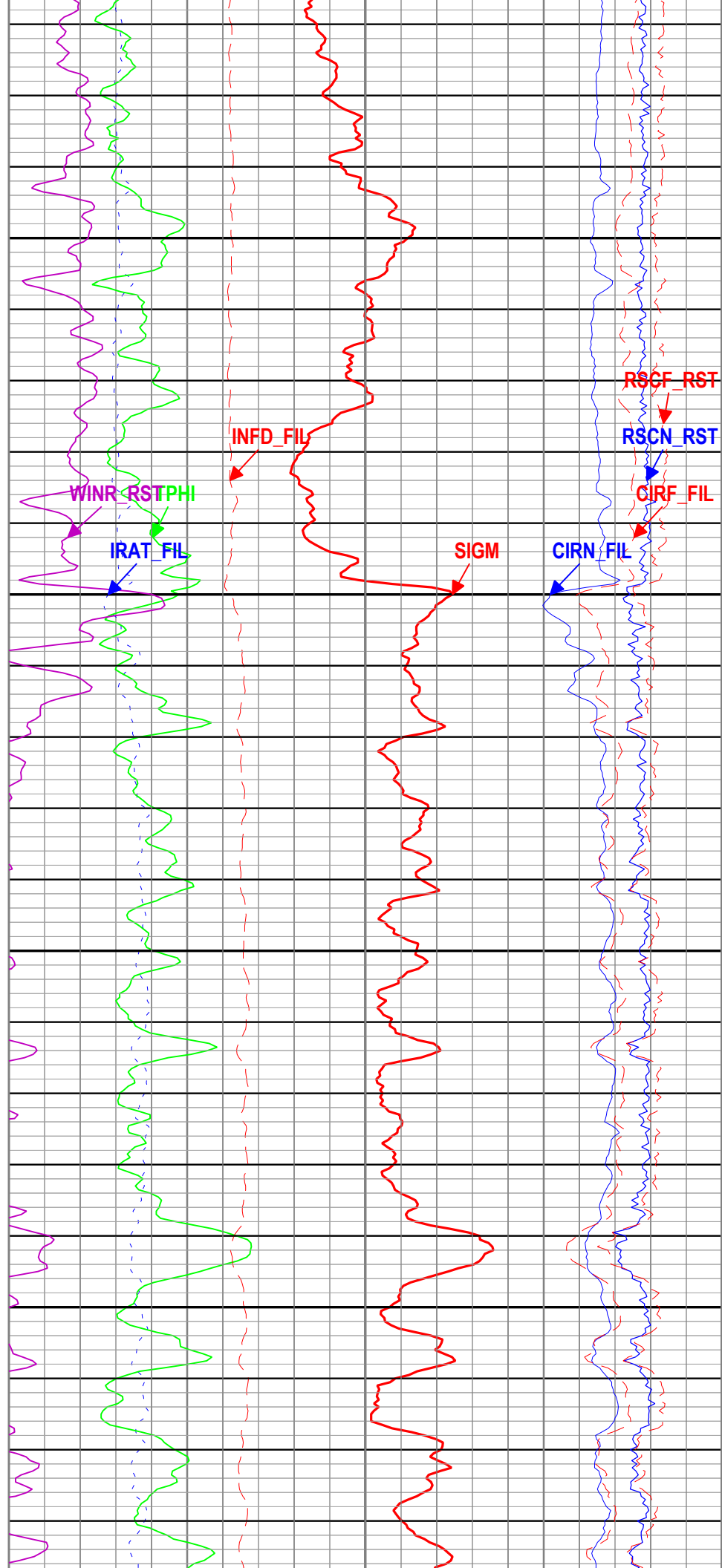
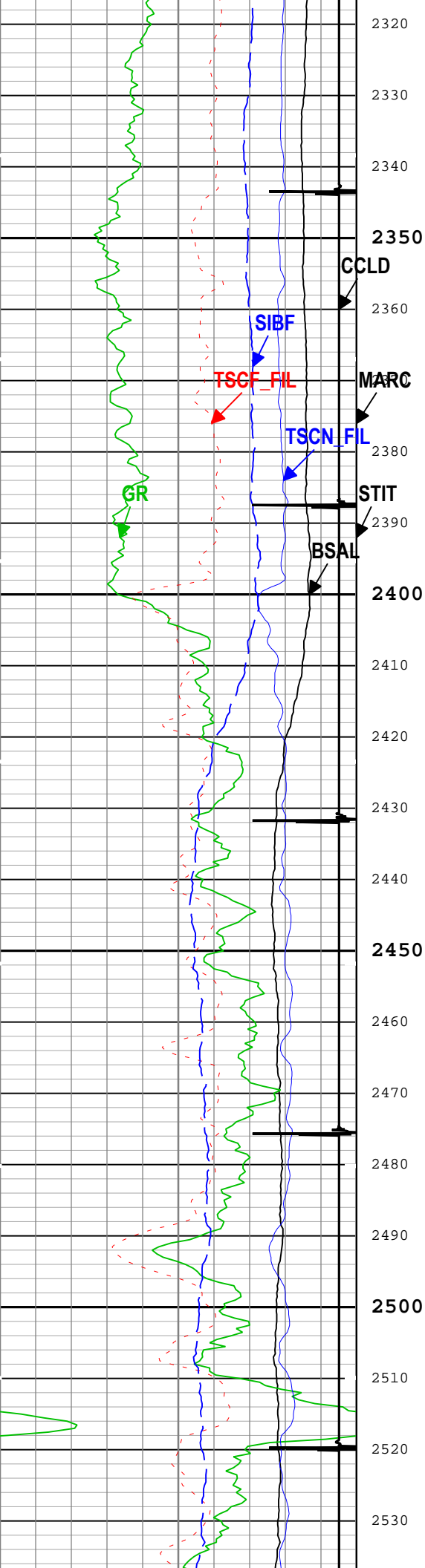
IHV - Integrated Hole Volume every 10.00 (ft3)

IHV - Integrated Hole Volume every 100.00 (ft3)

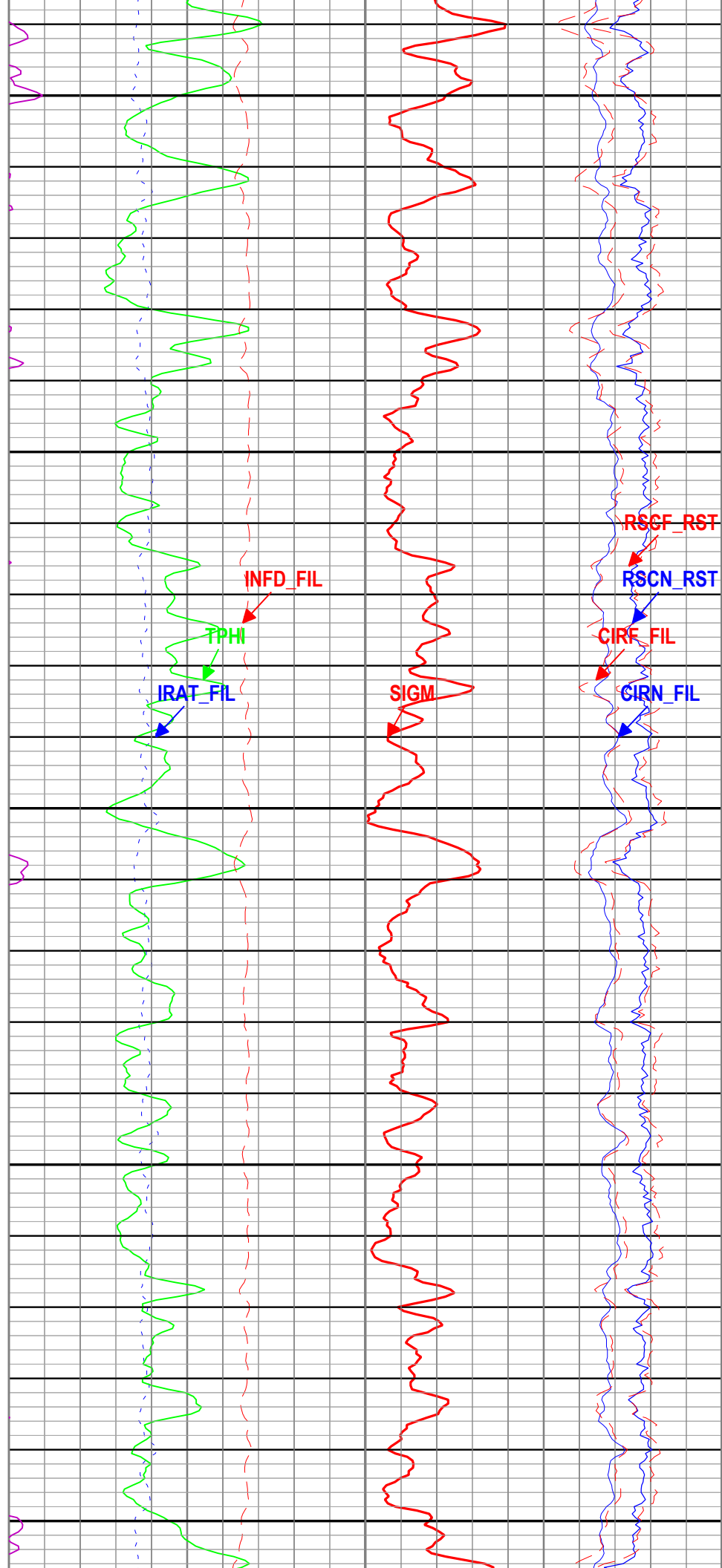
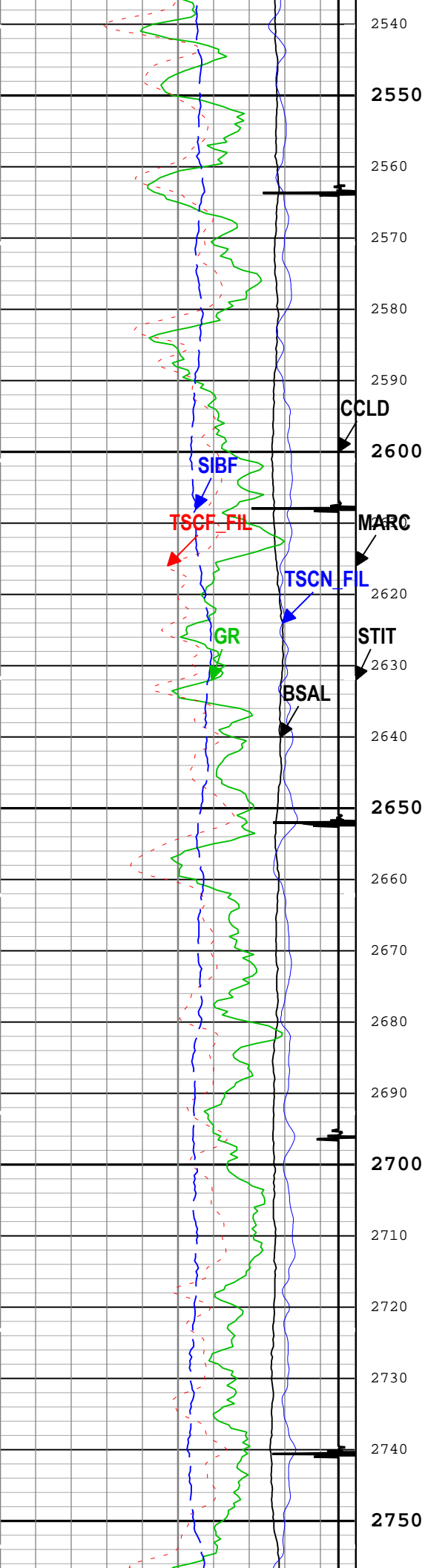
ICV - Integrated Cement Volume every 10.00 (ft3)

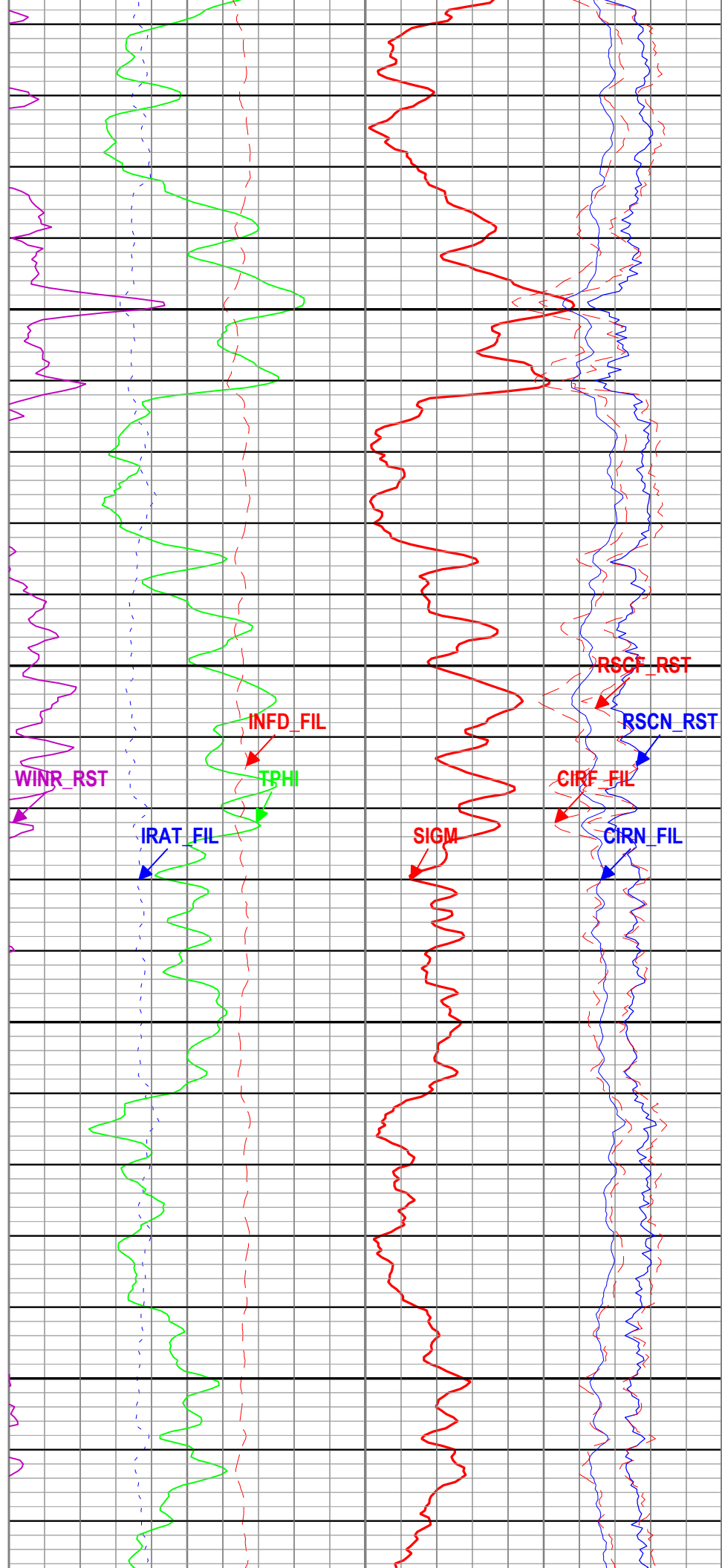
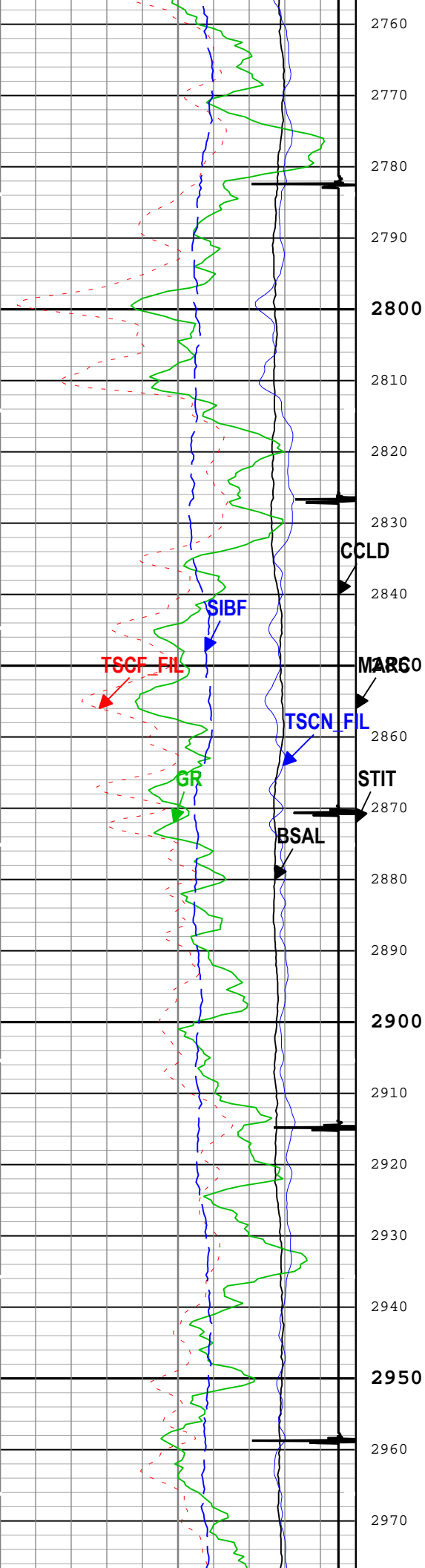
ICV - Integrated Cement Volume every 100.00 (ft3)

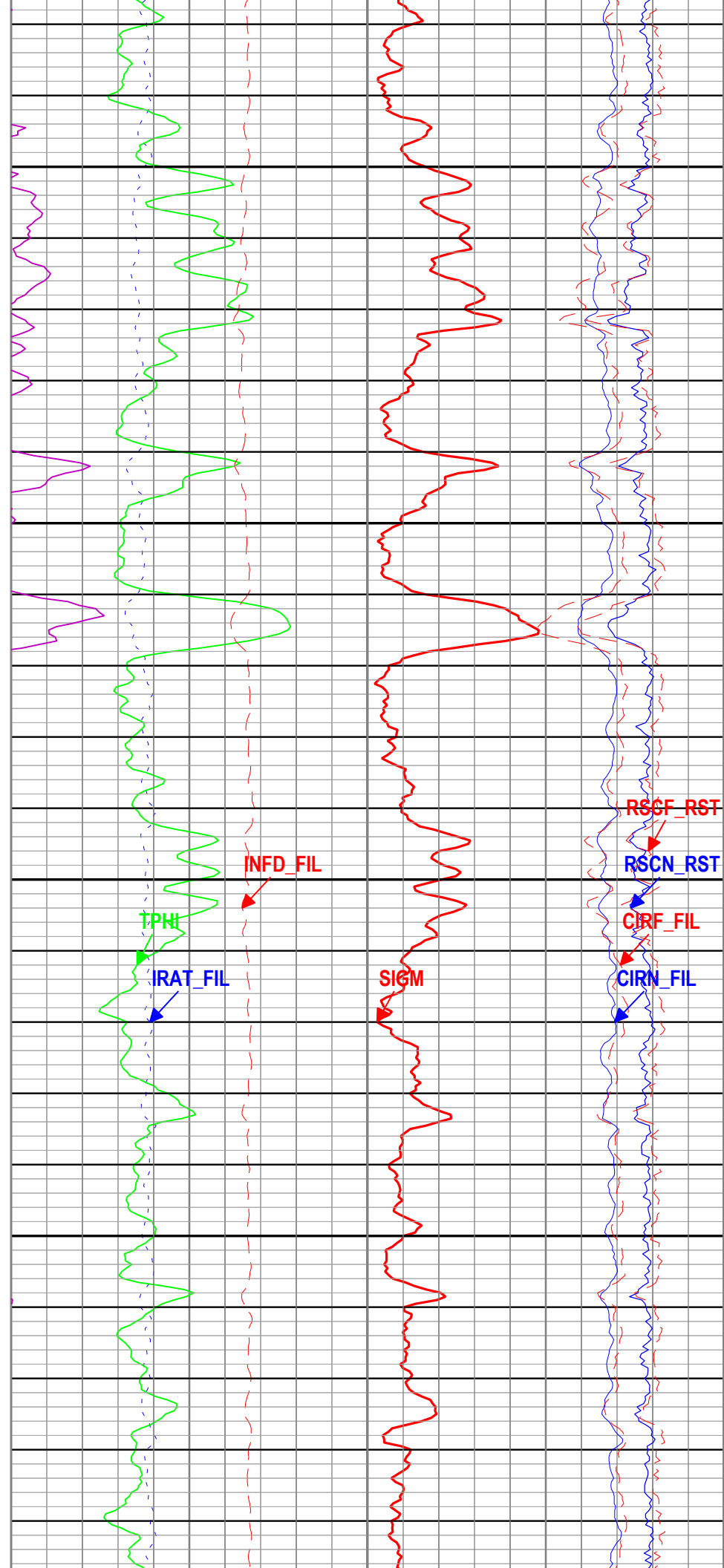
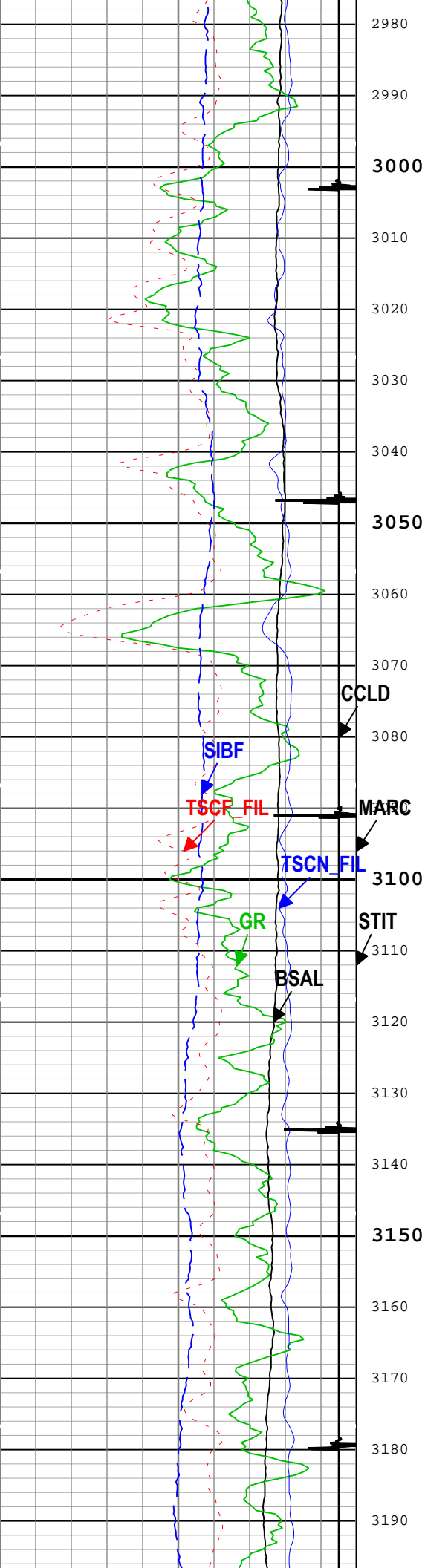




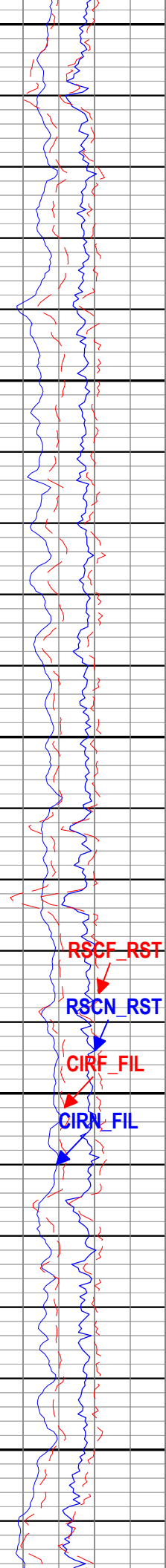
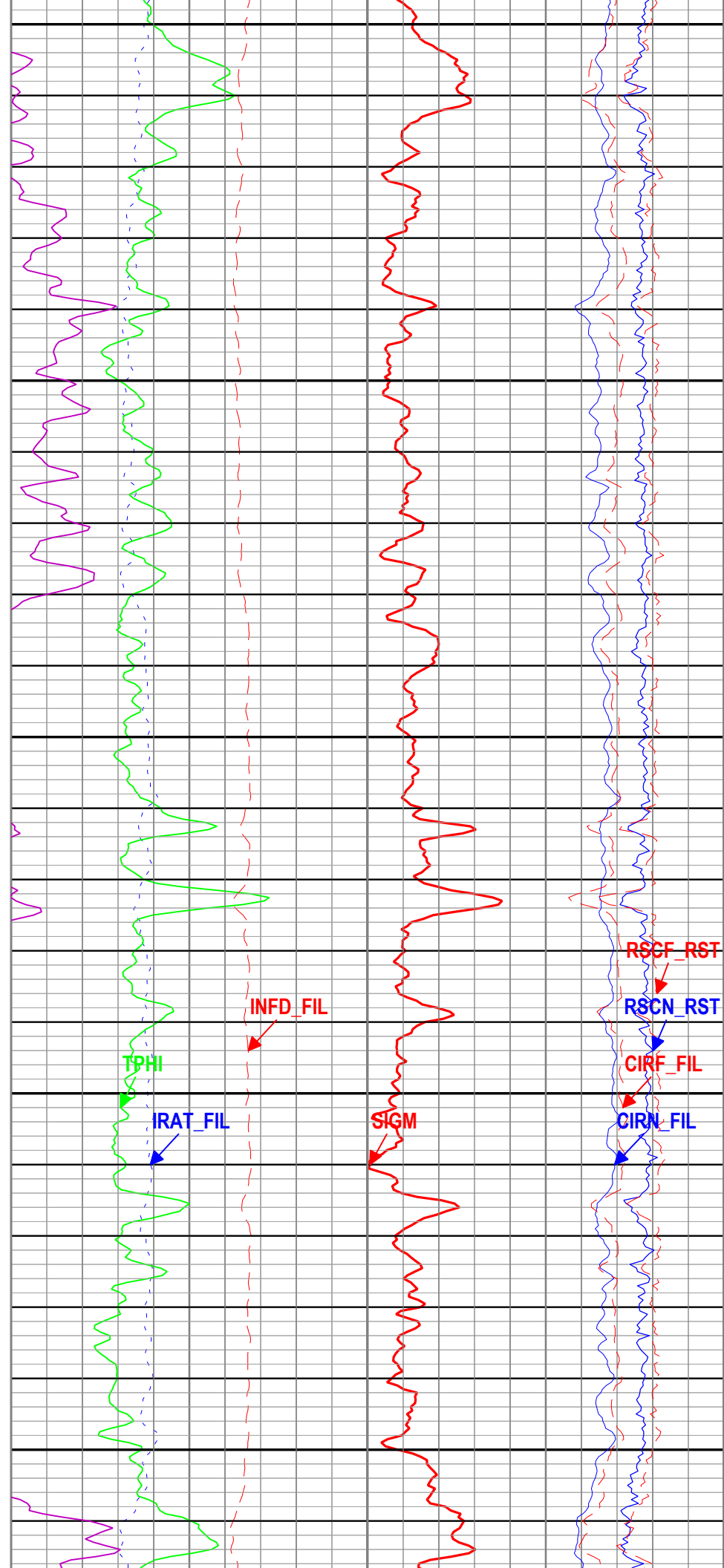
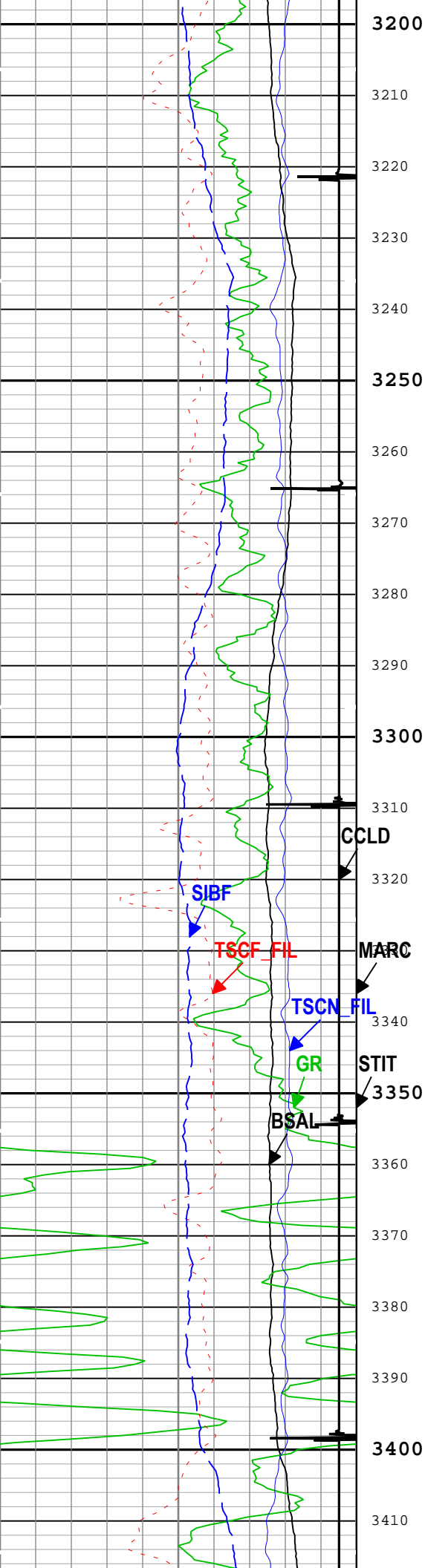


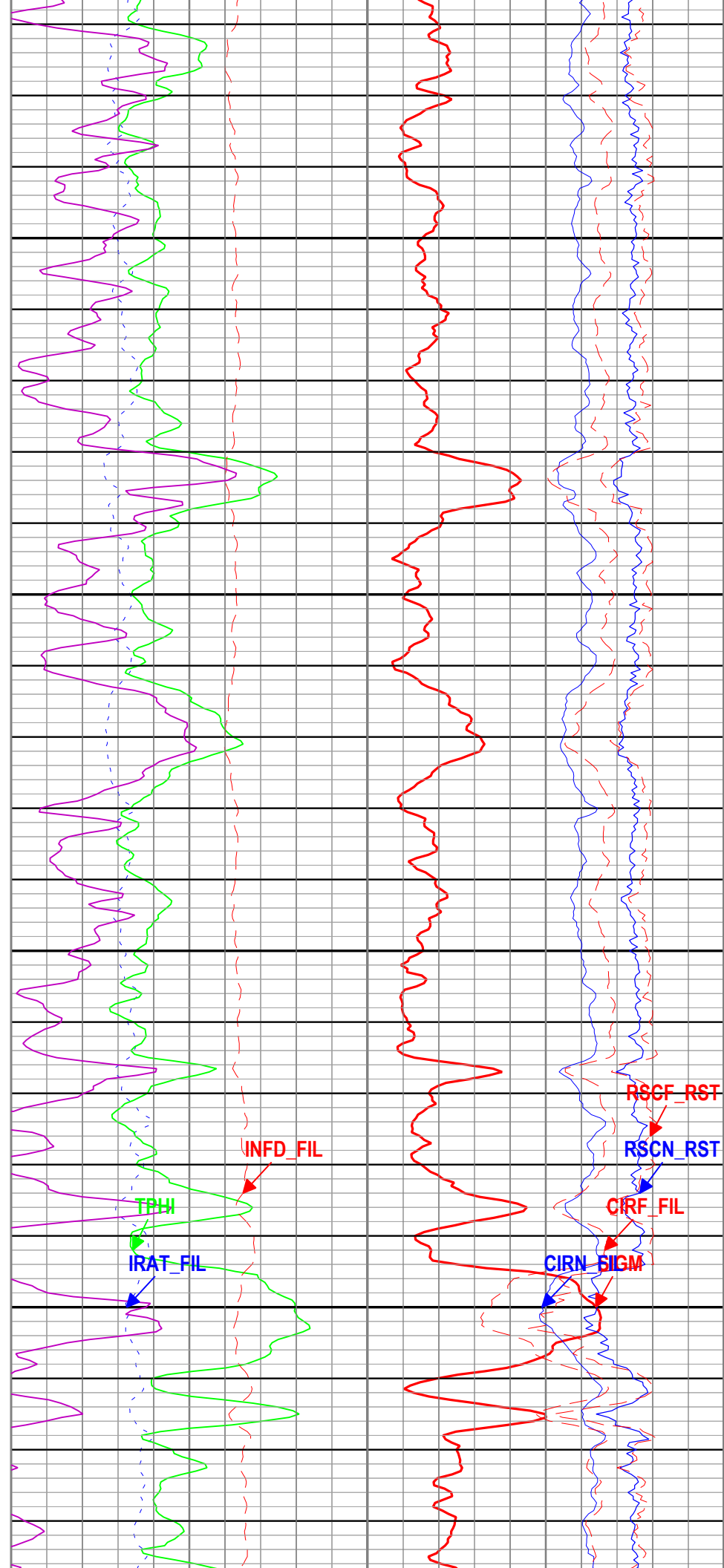
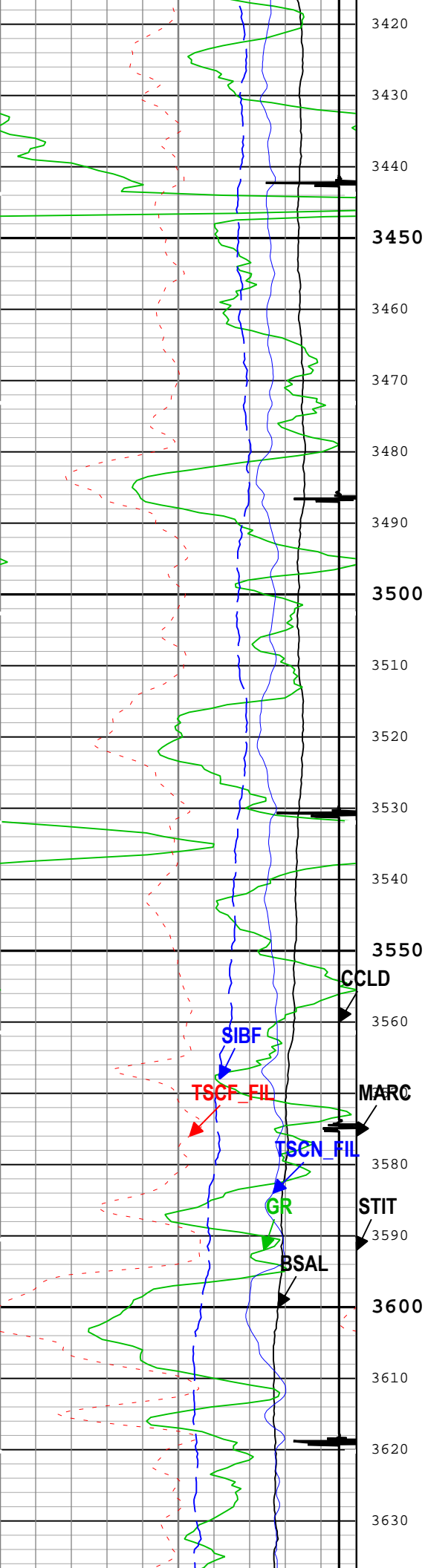


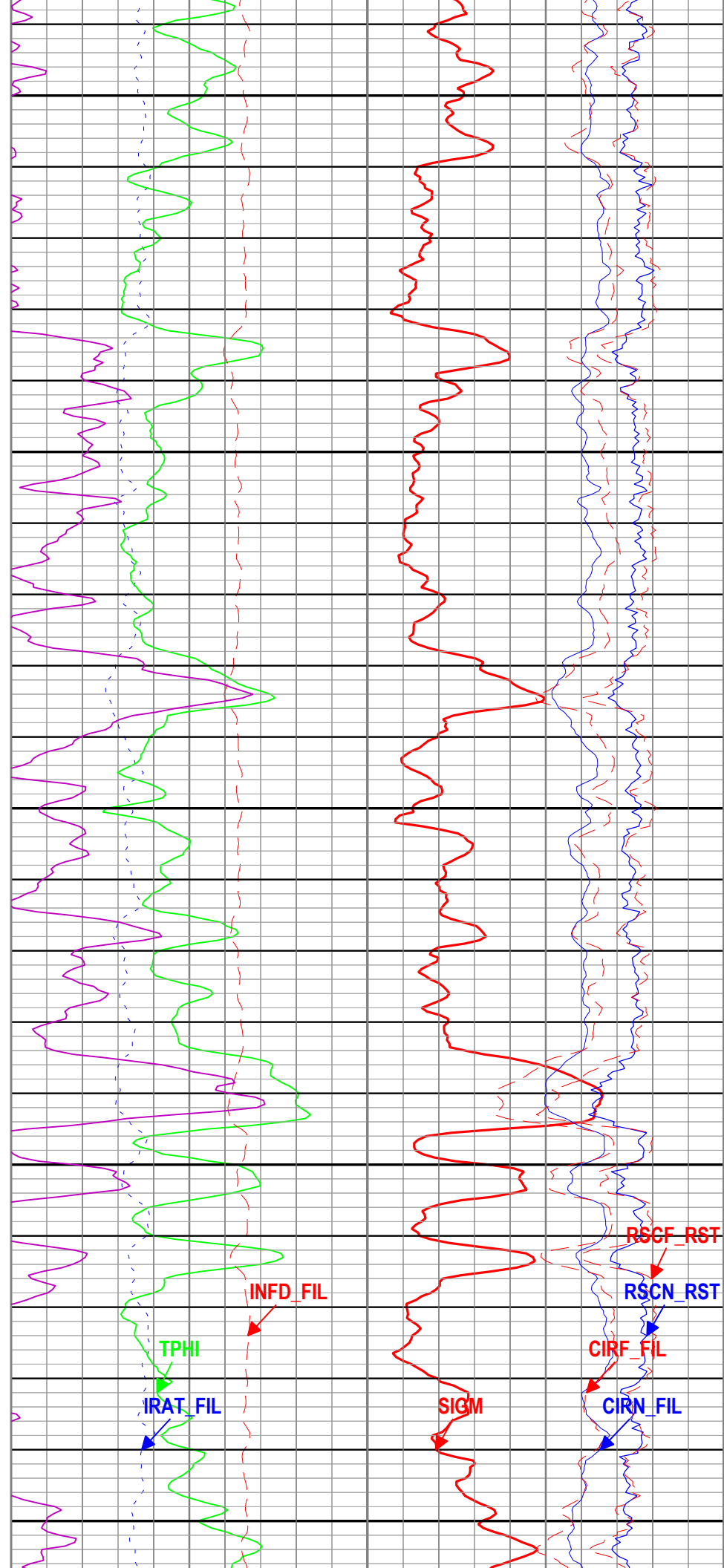
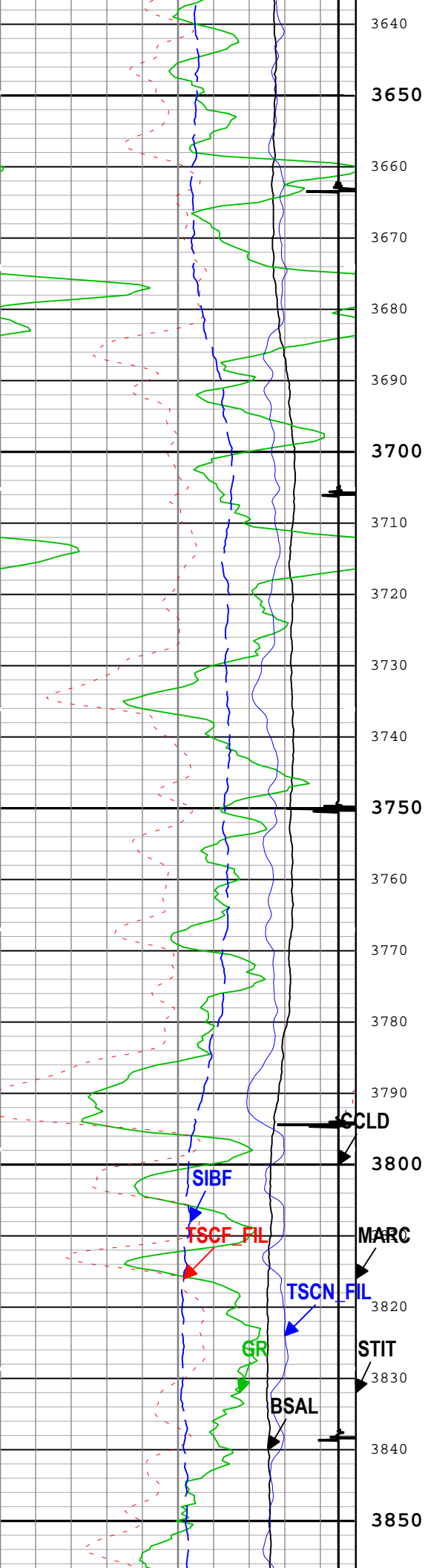




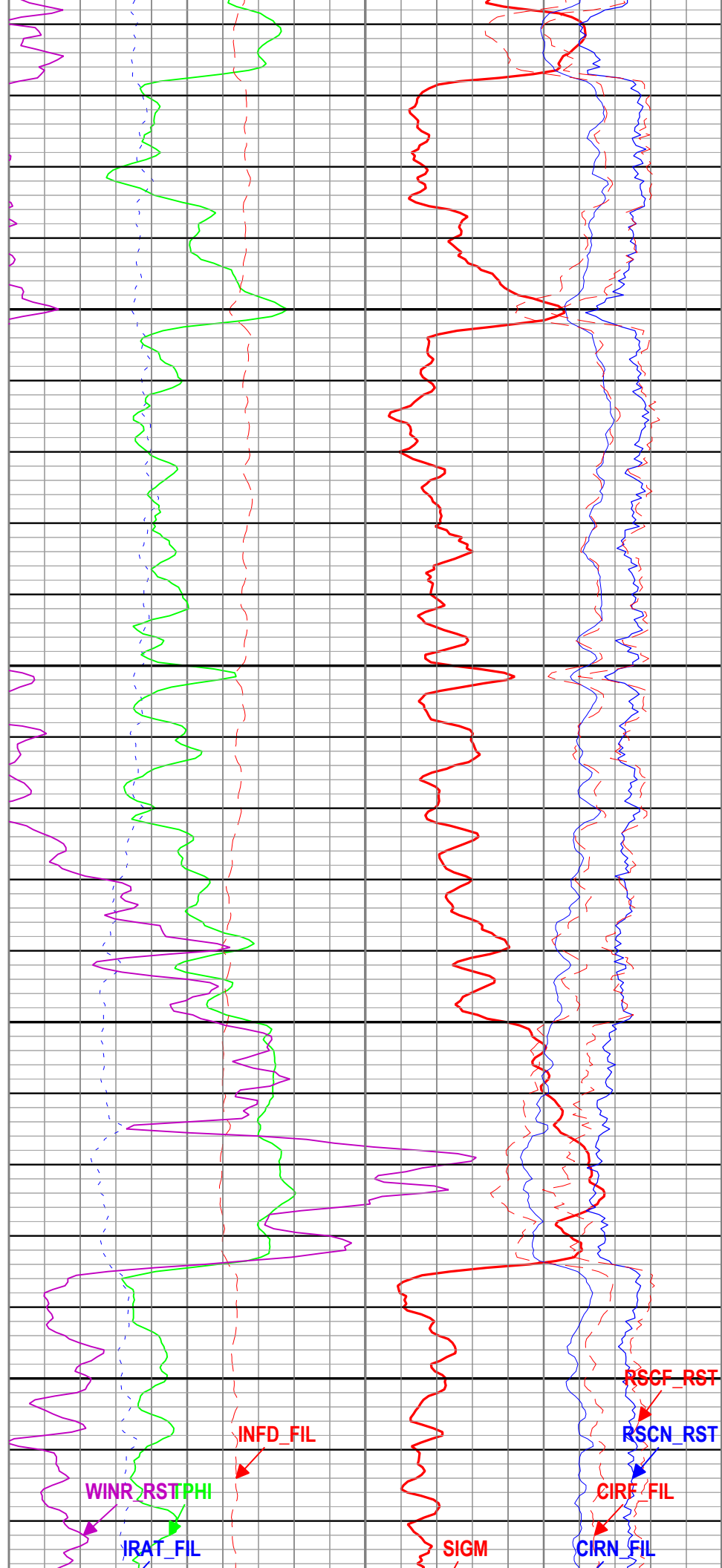
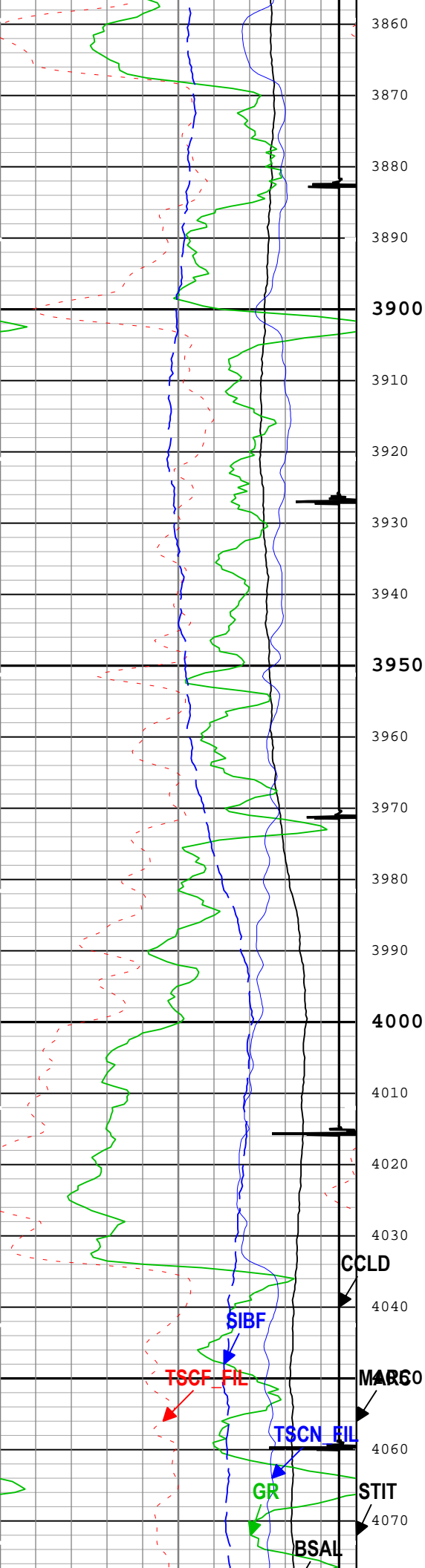


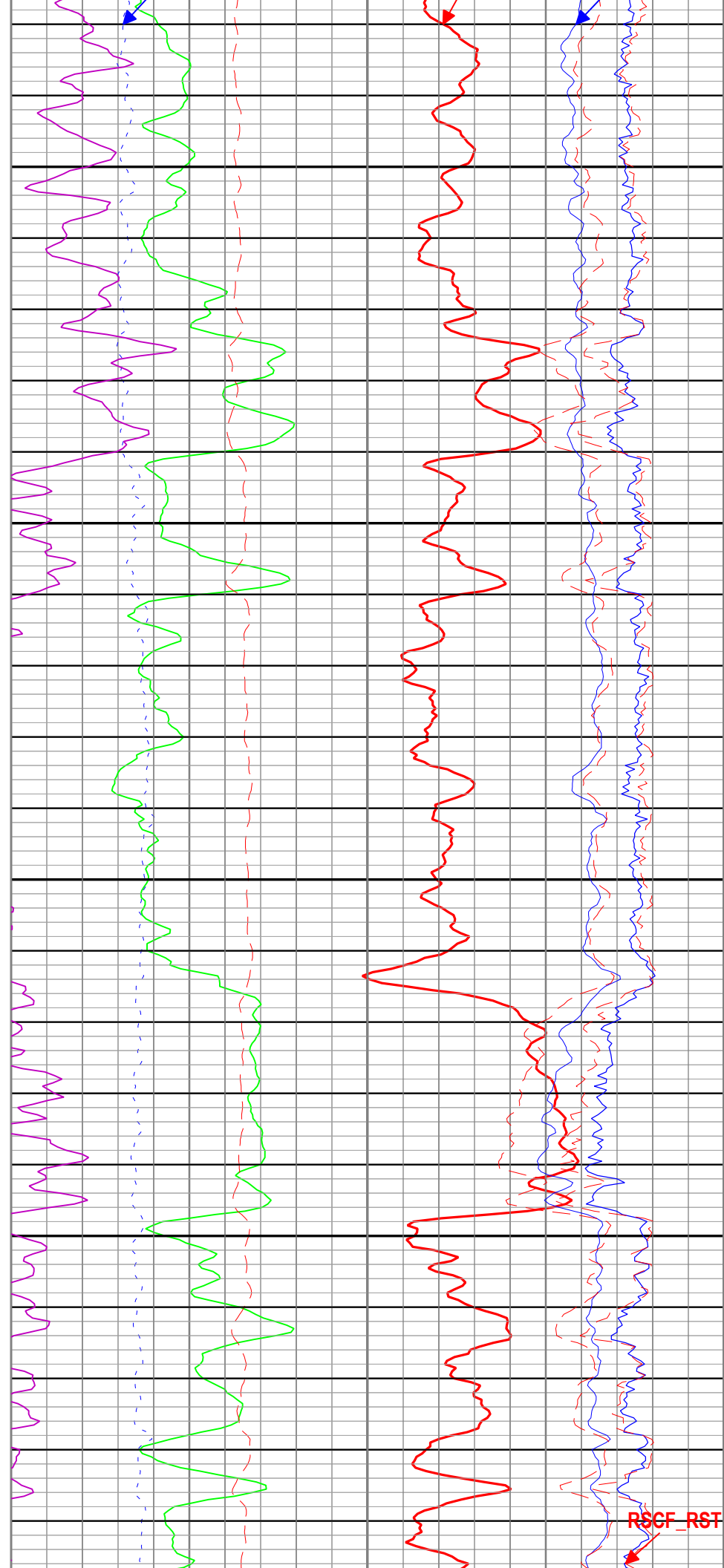
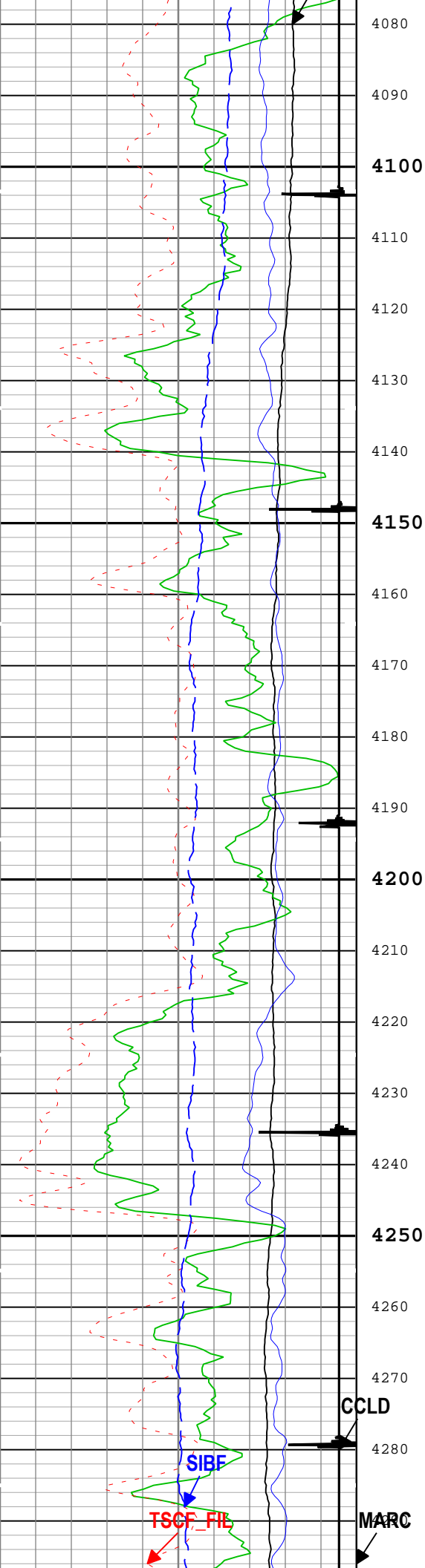


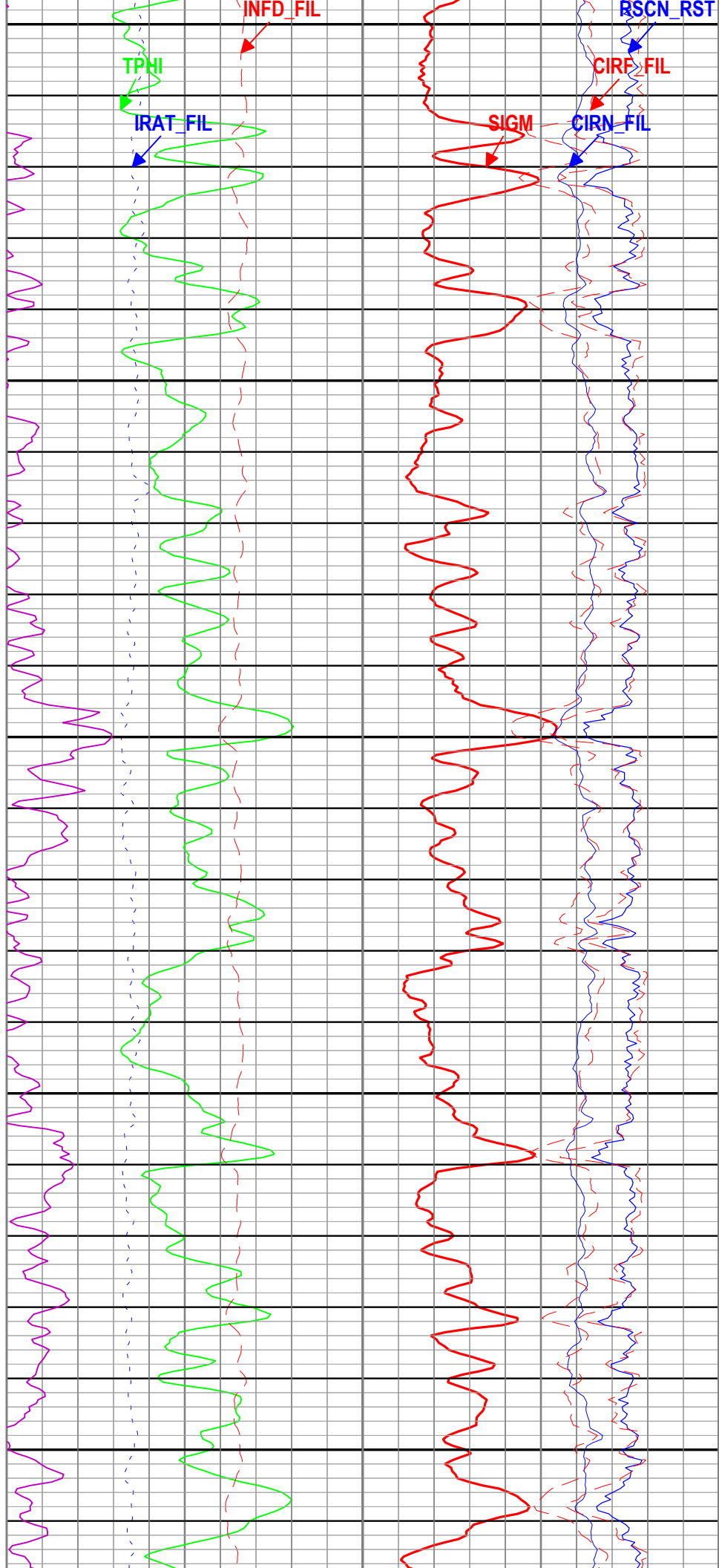
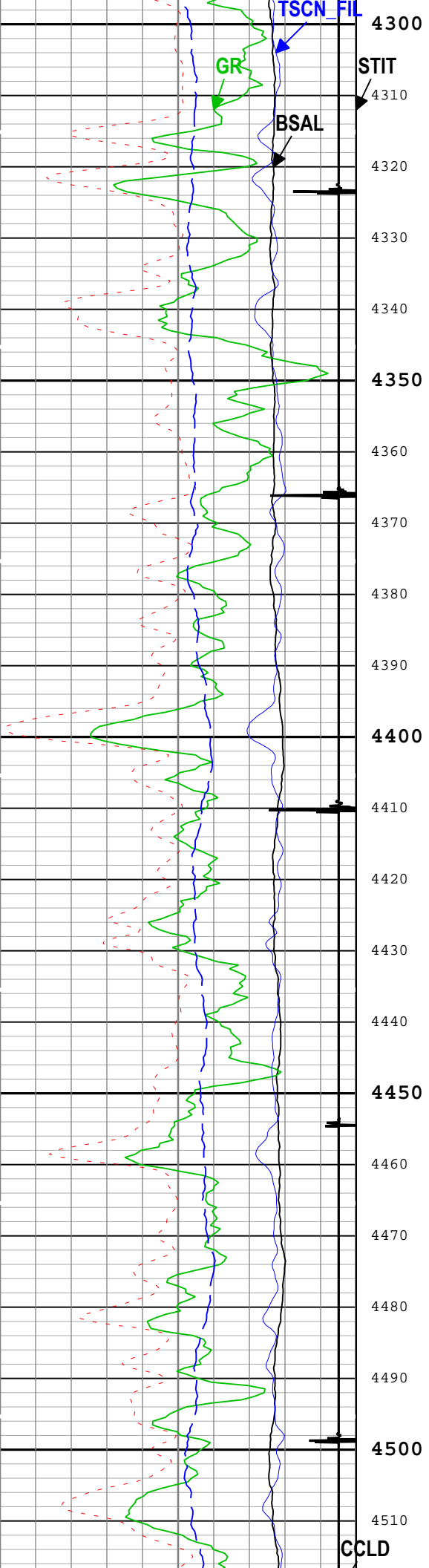




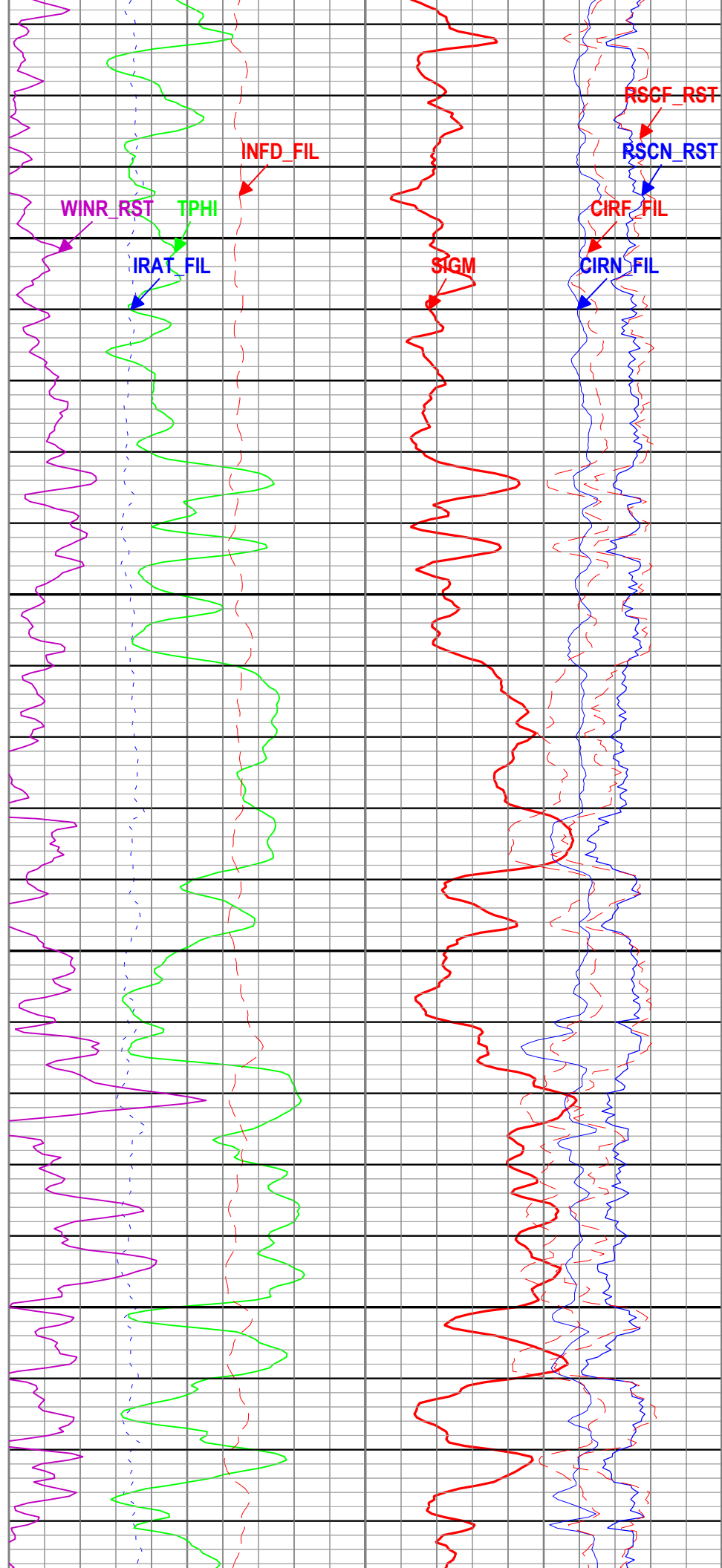
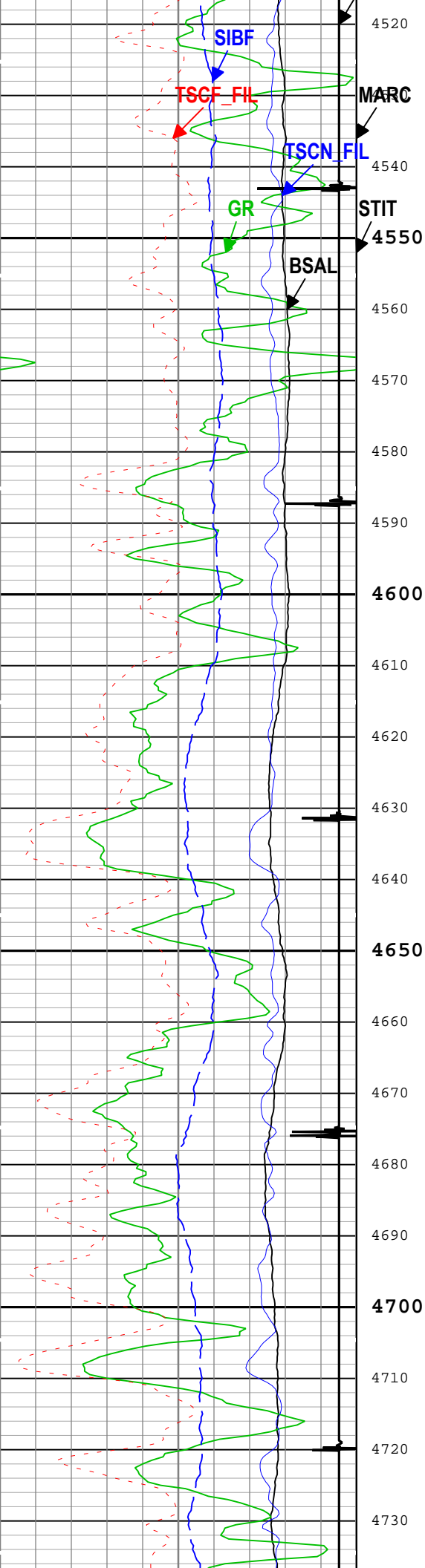


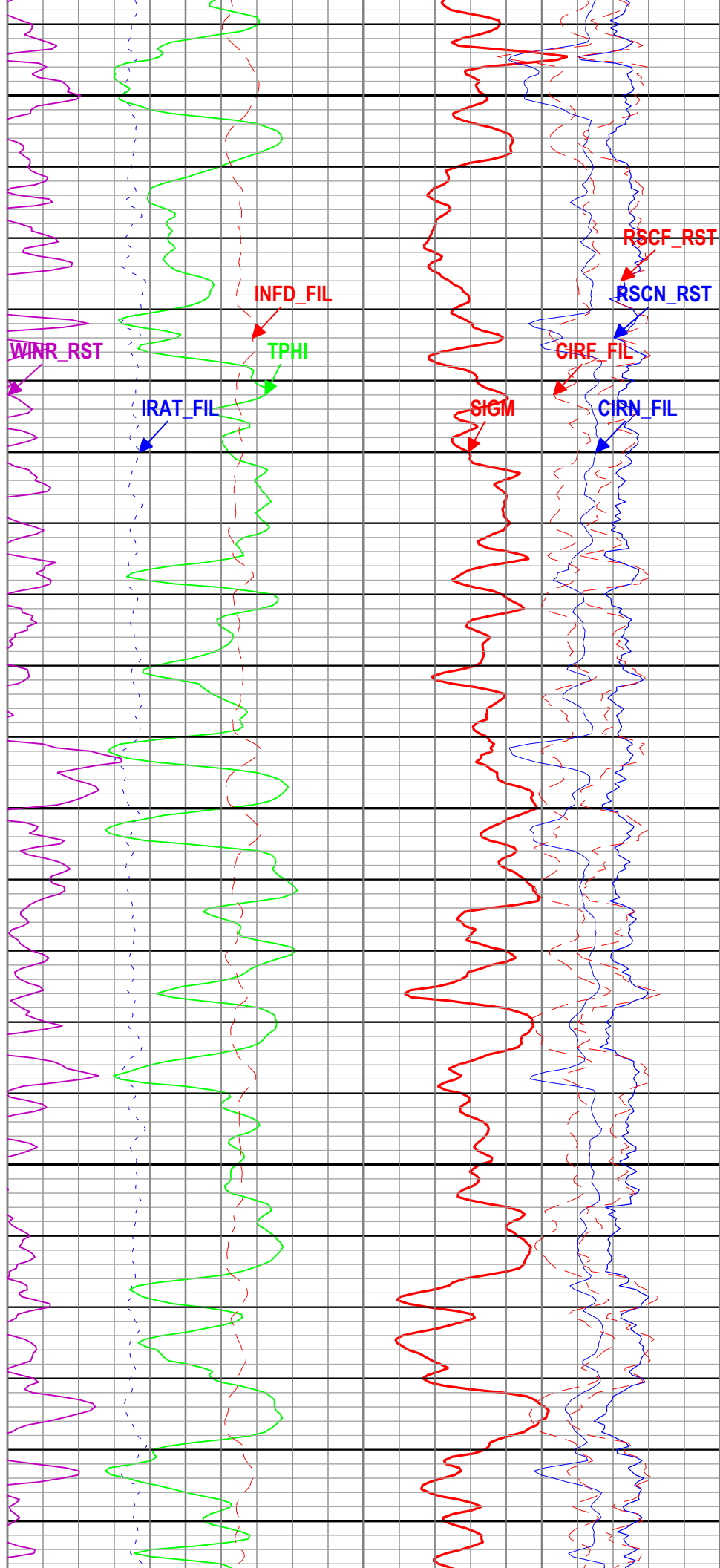
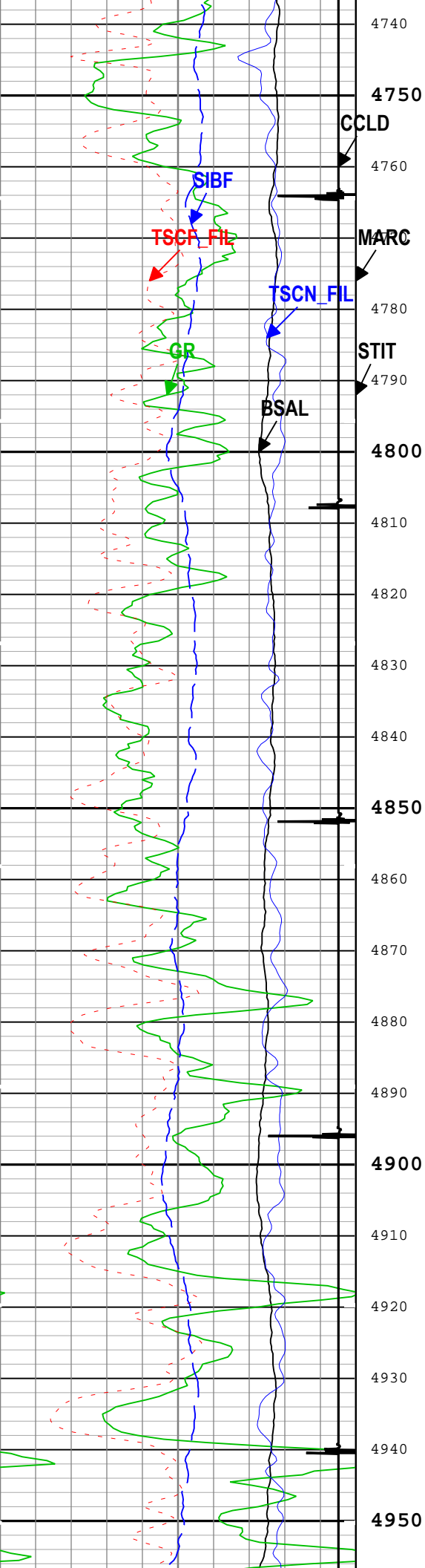


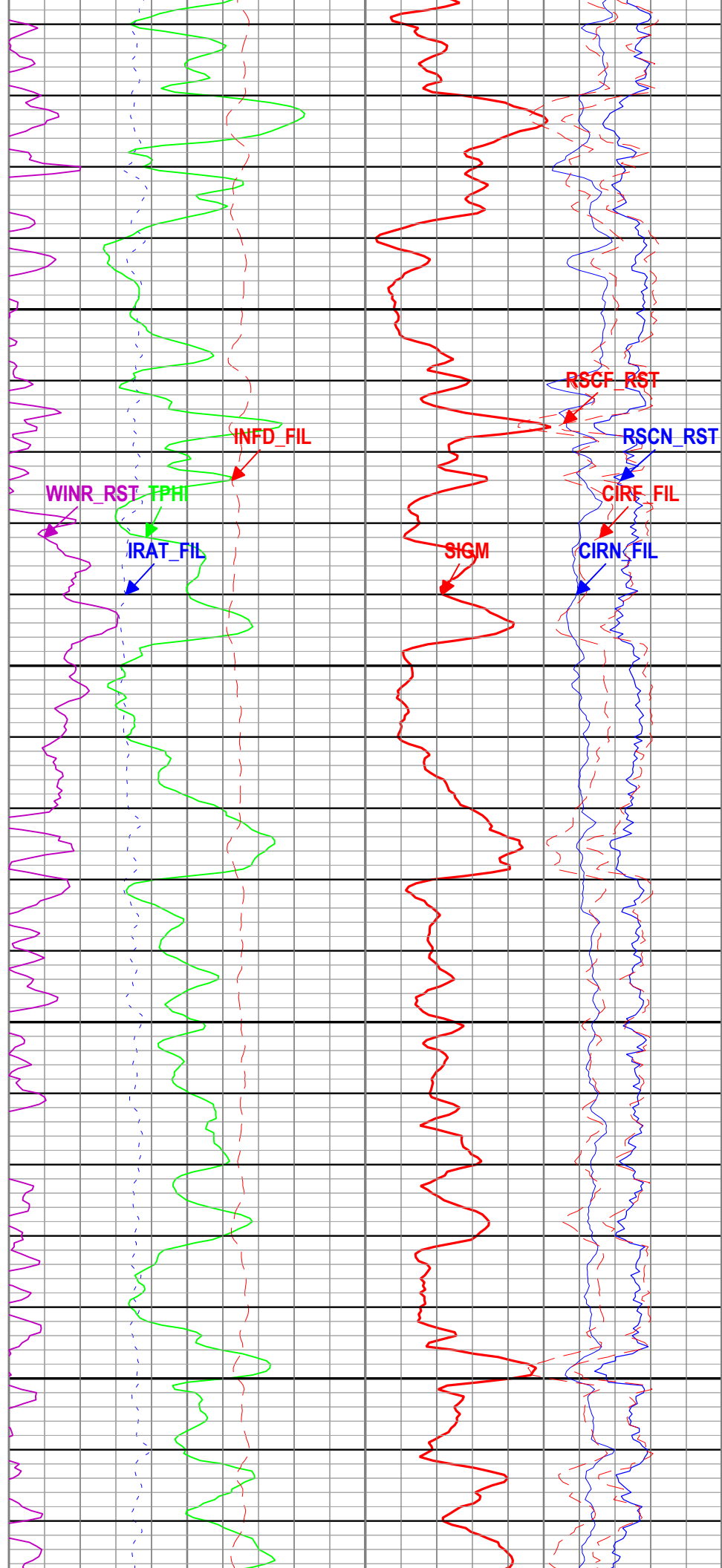
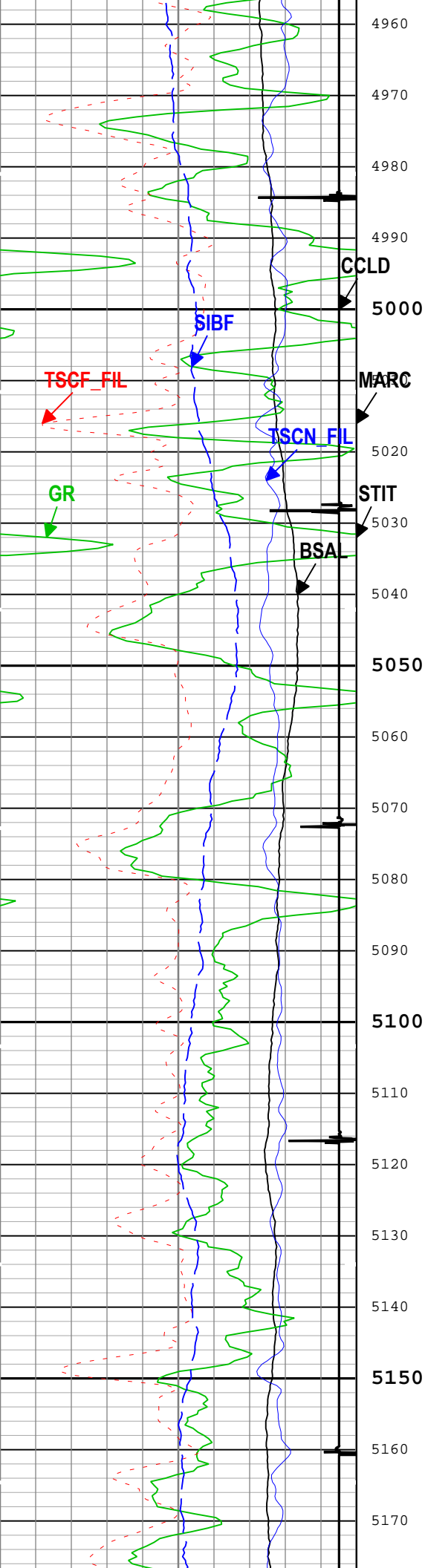




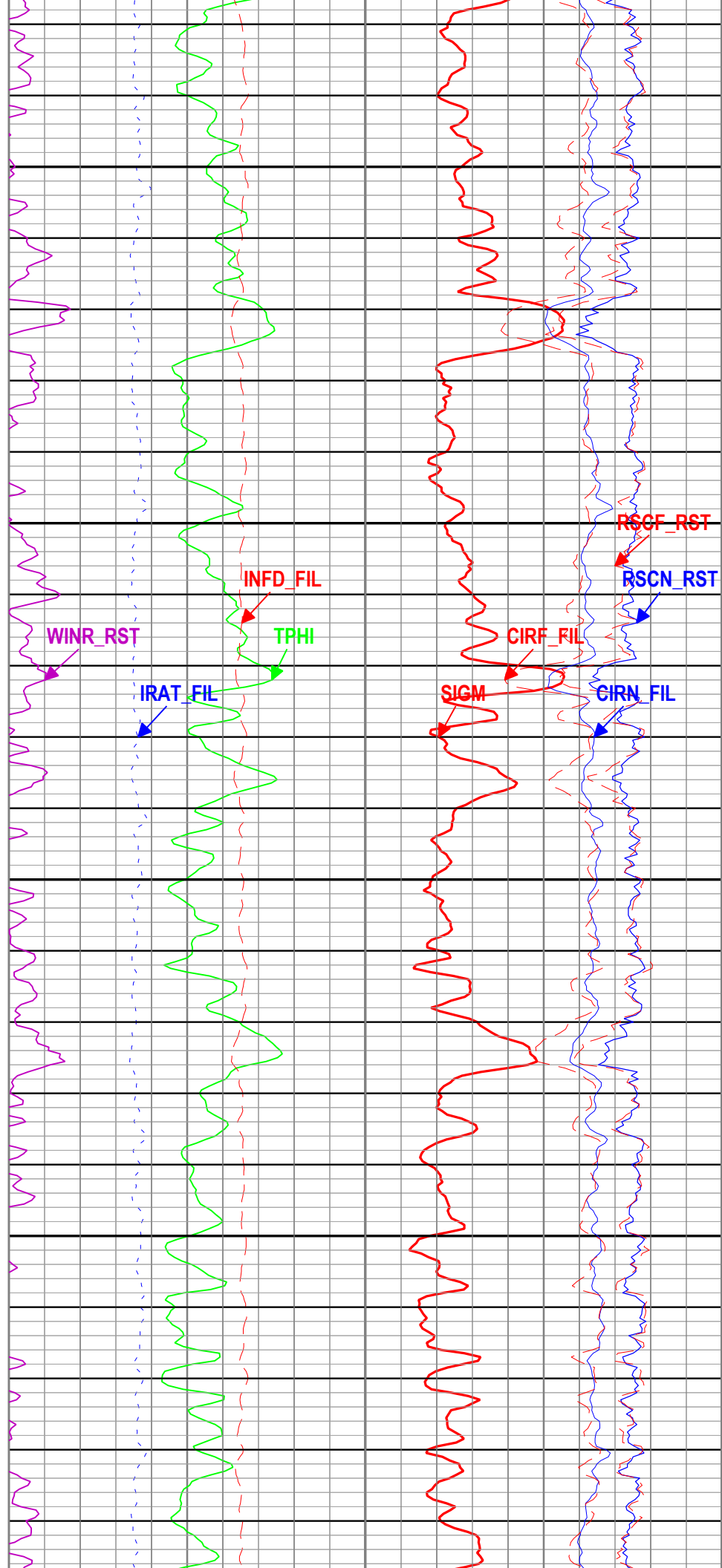
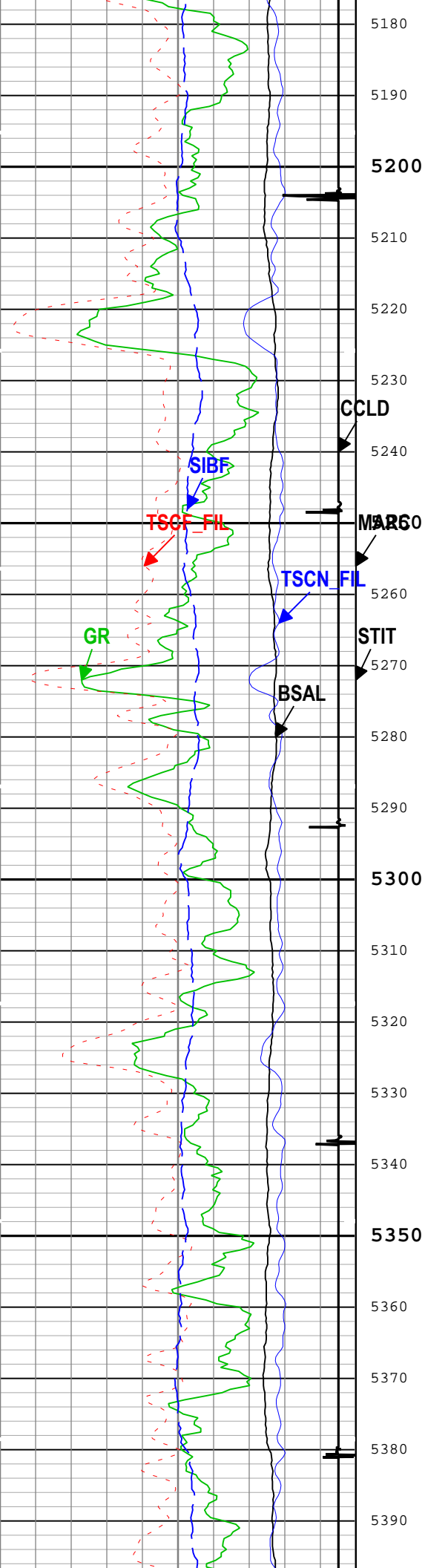


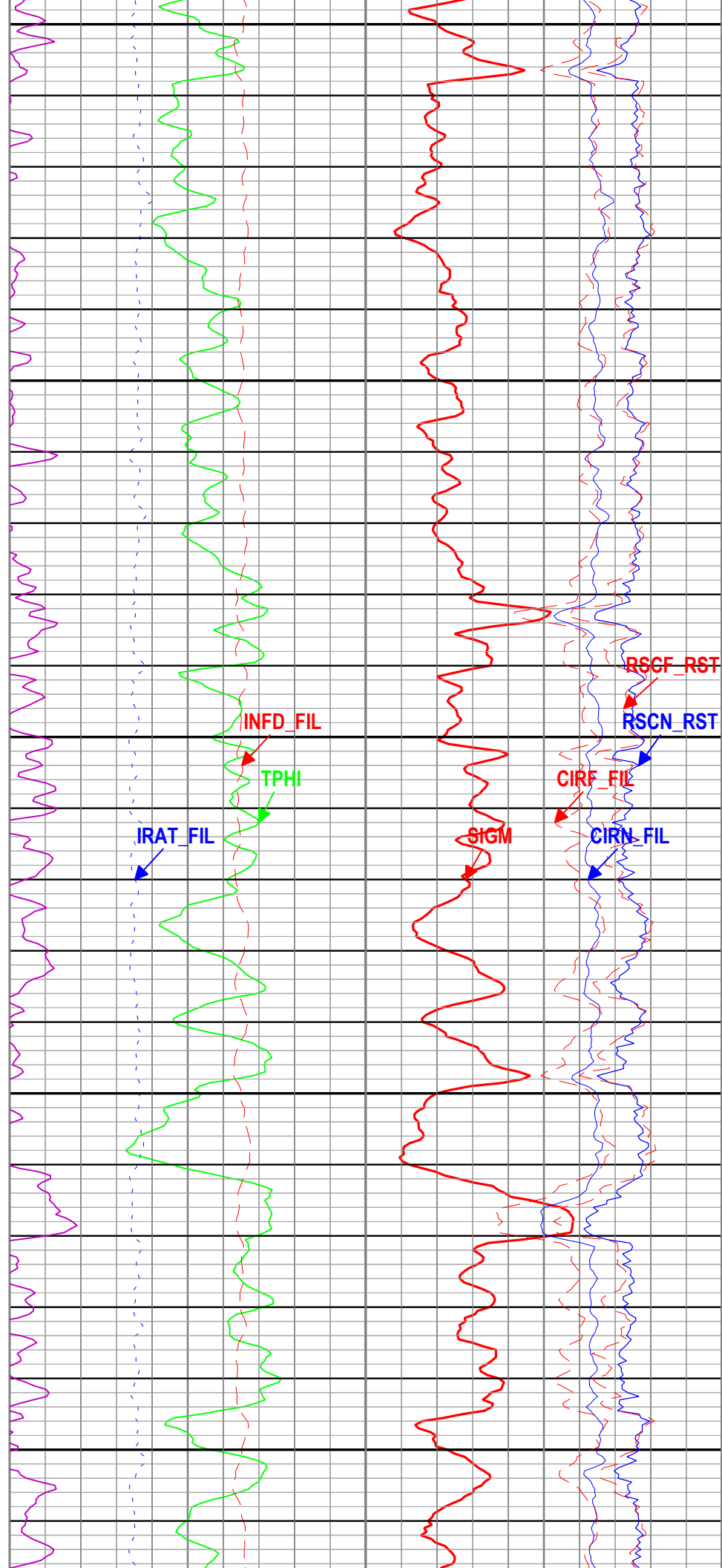
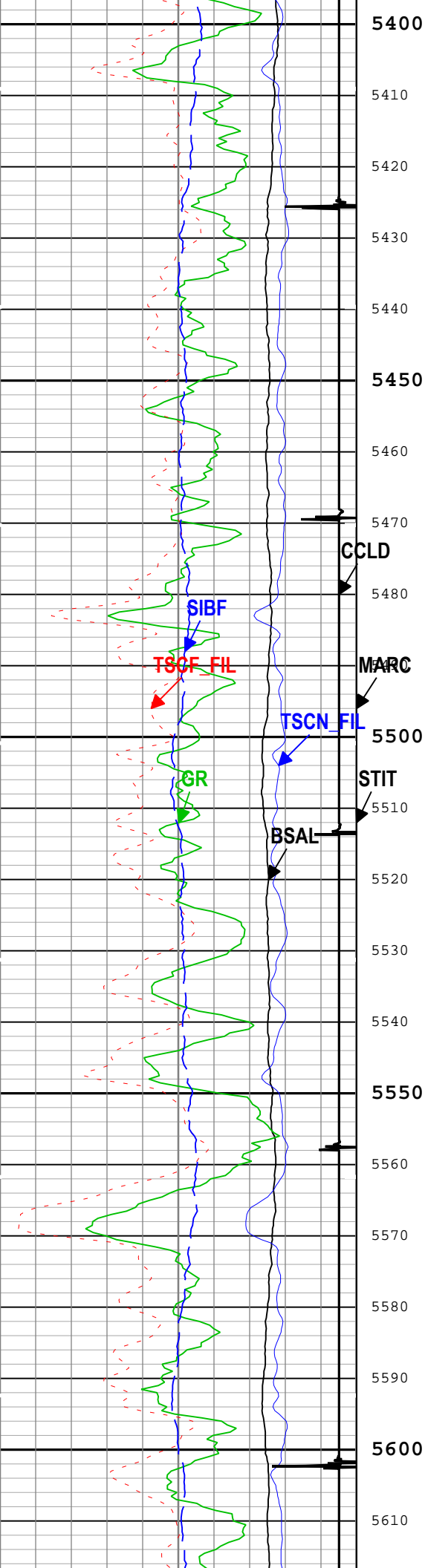


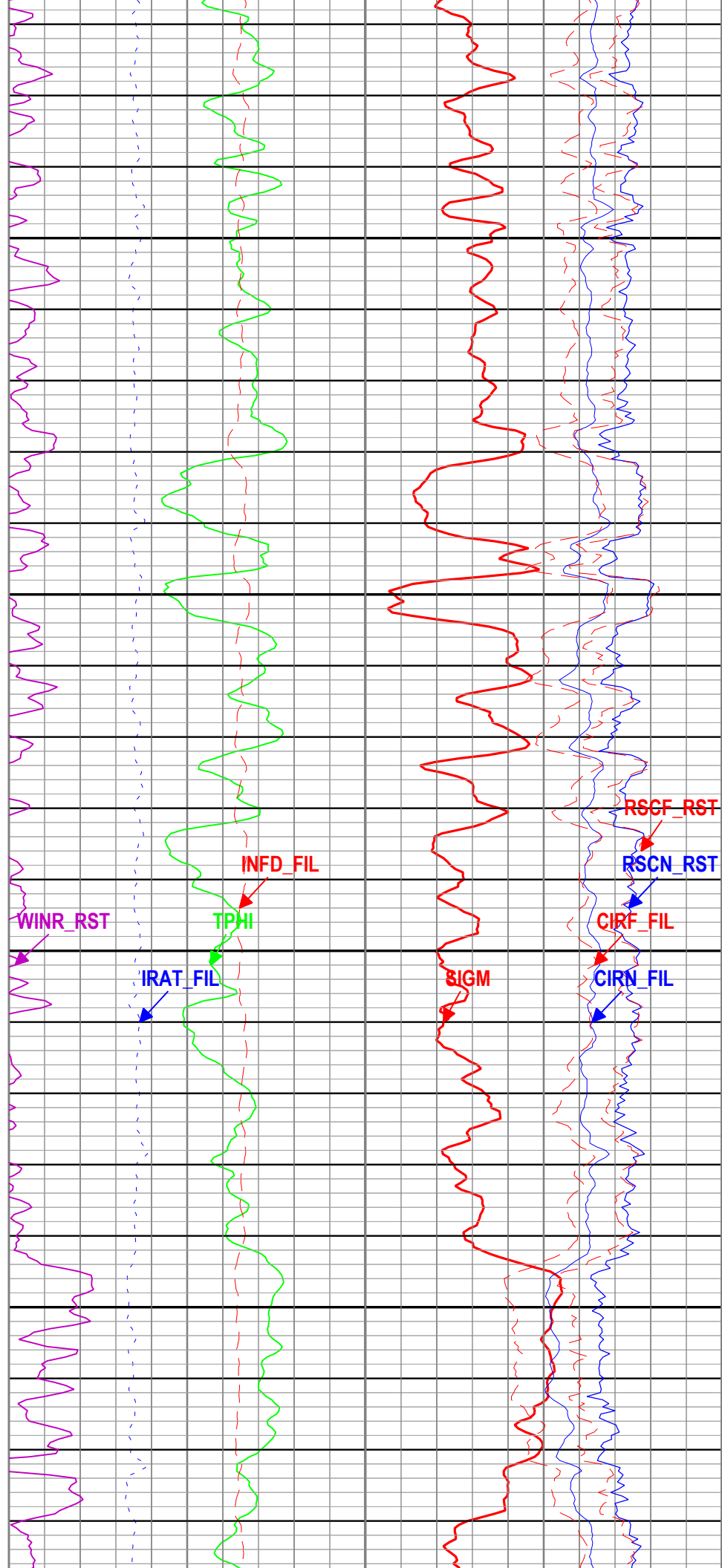
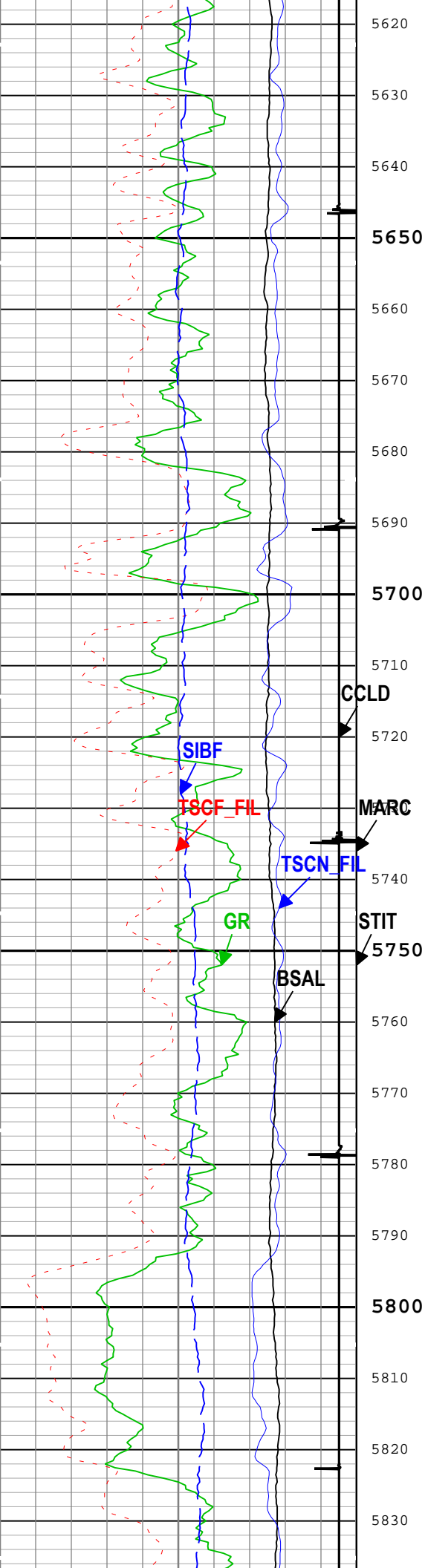


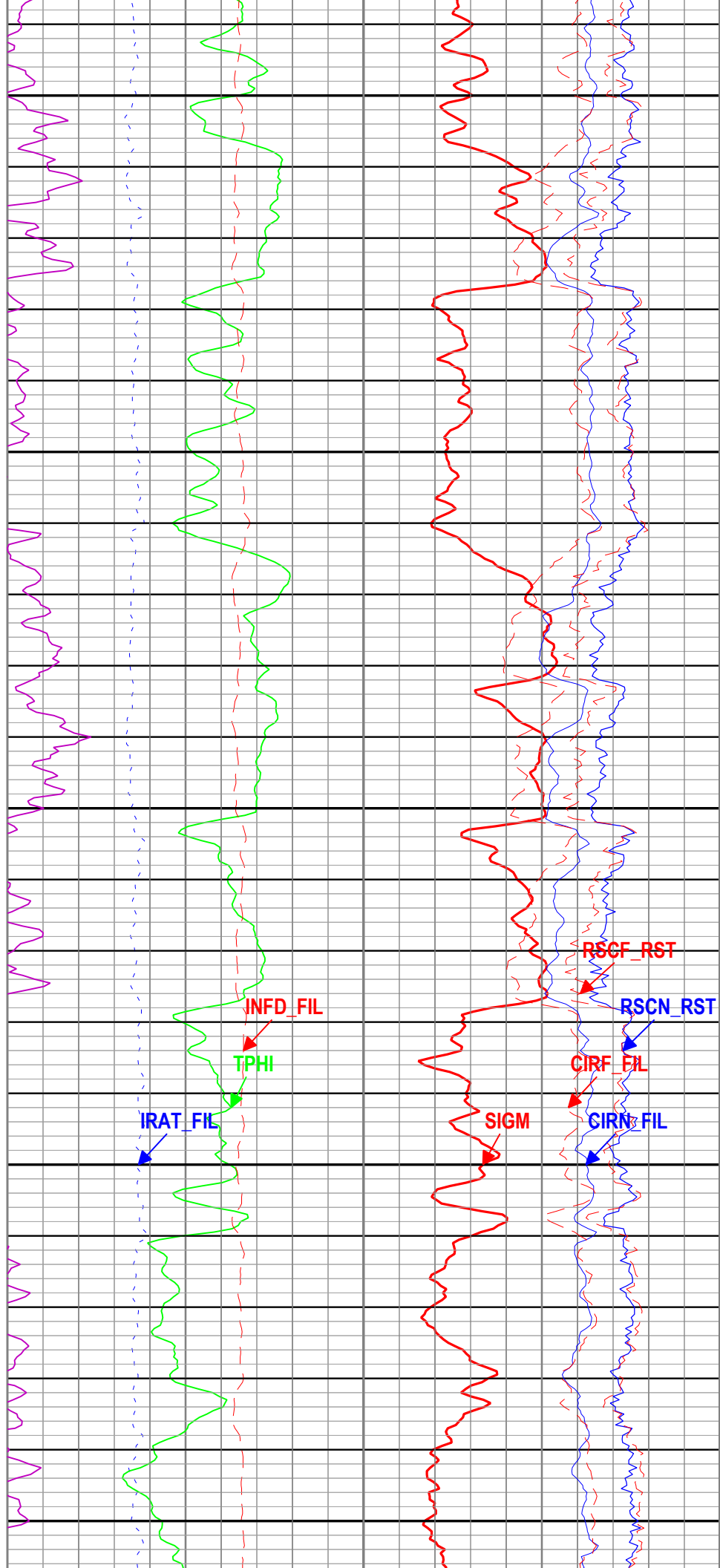
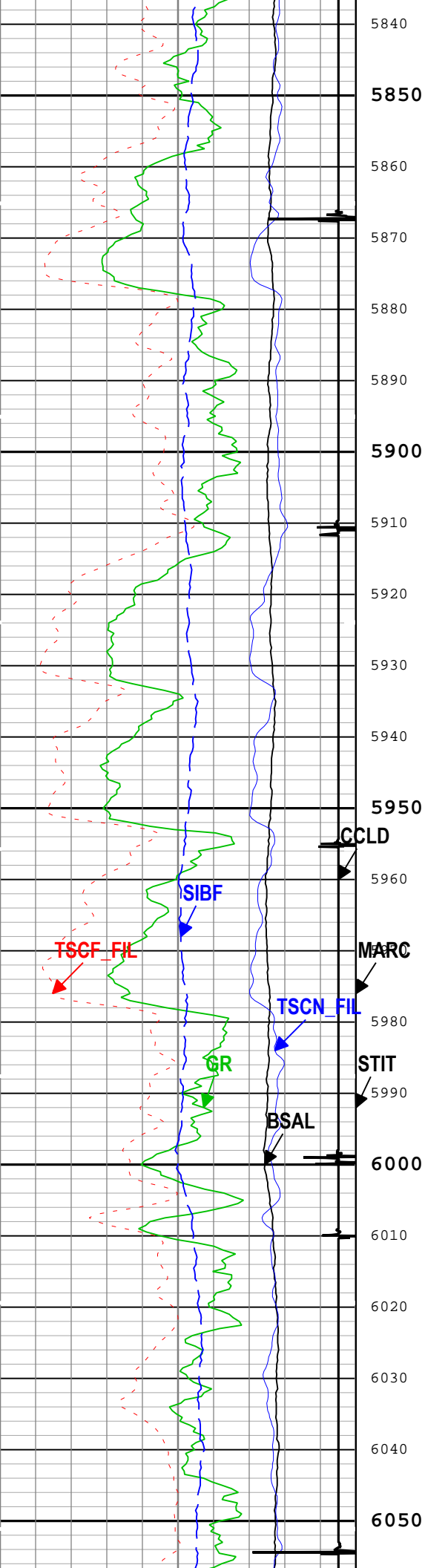




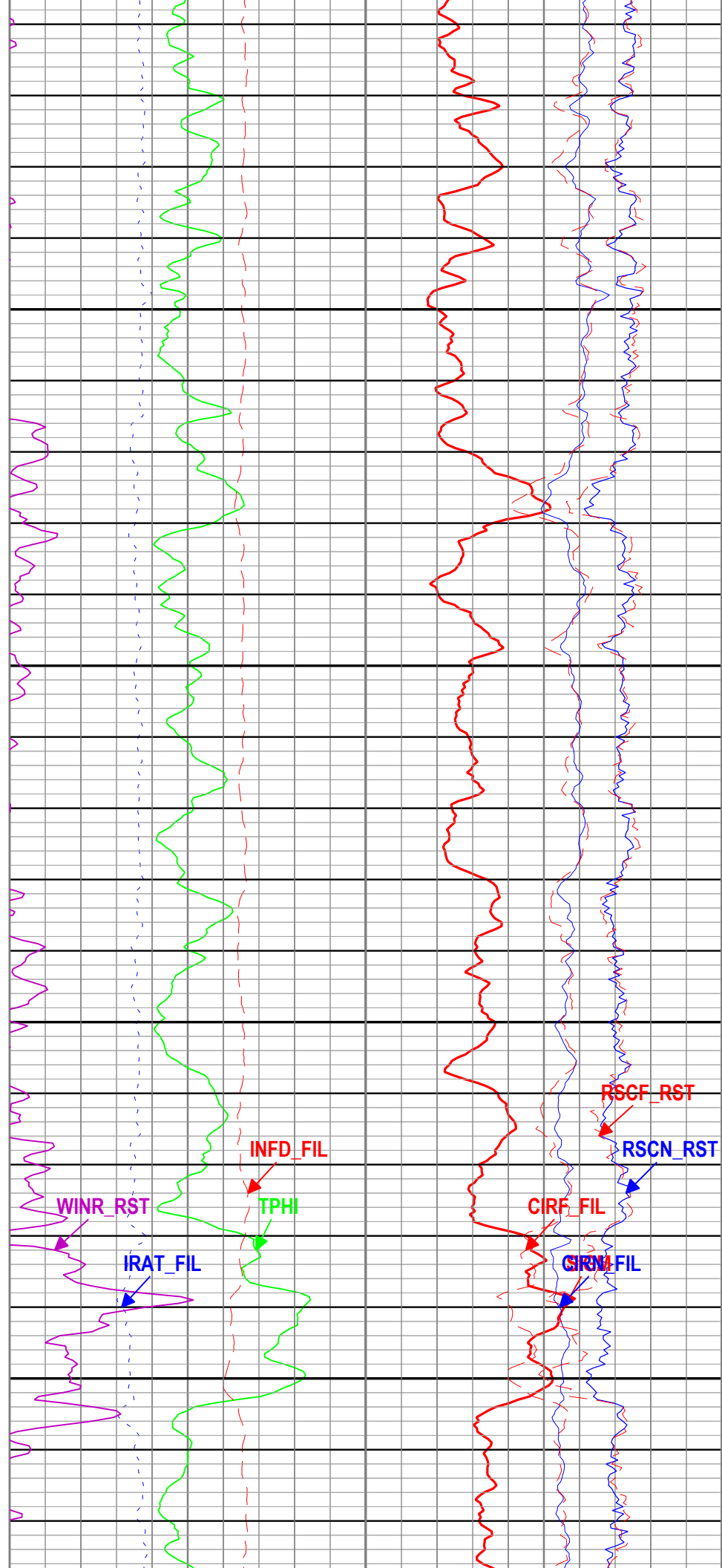
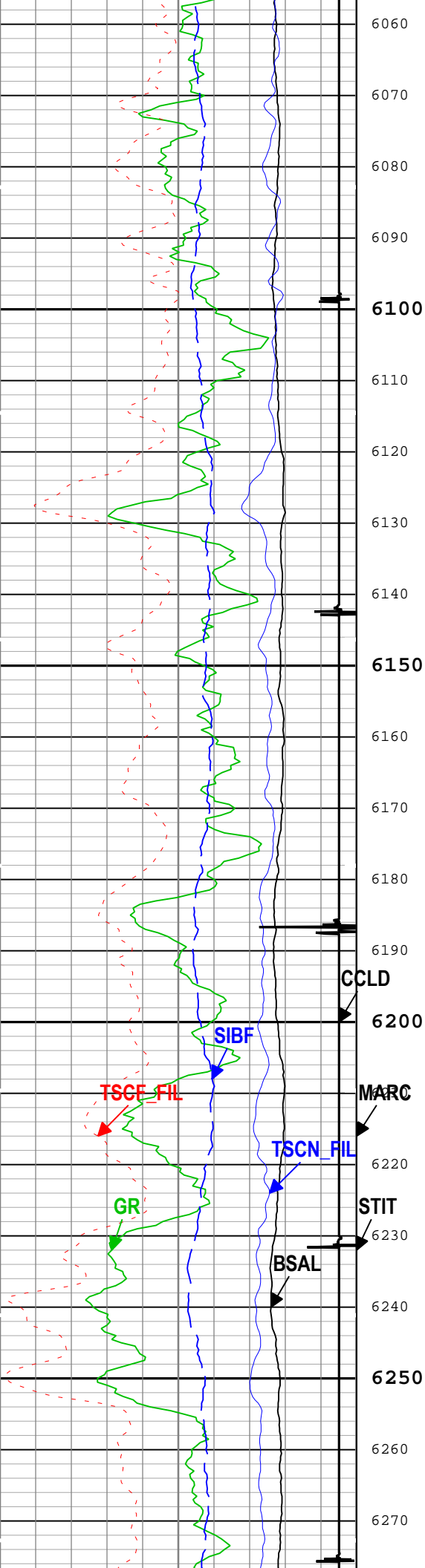


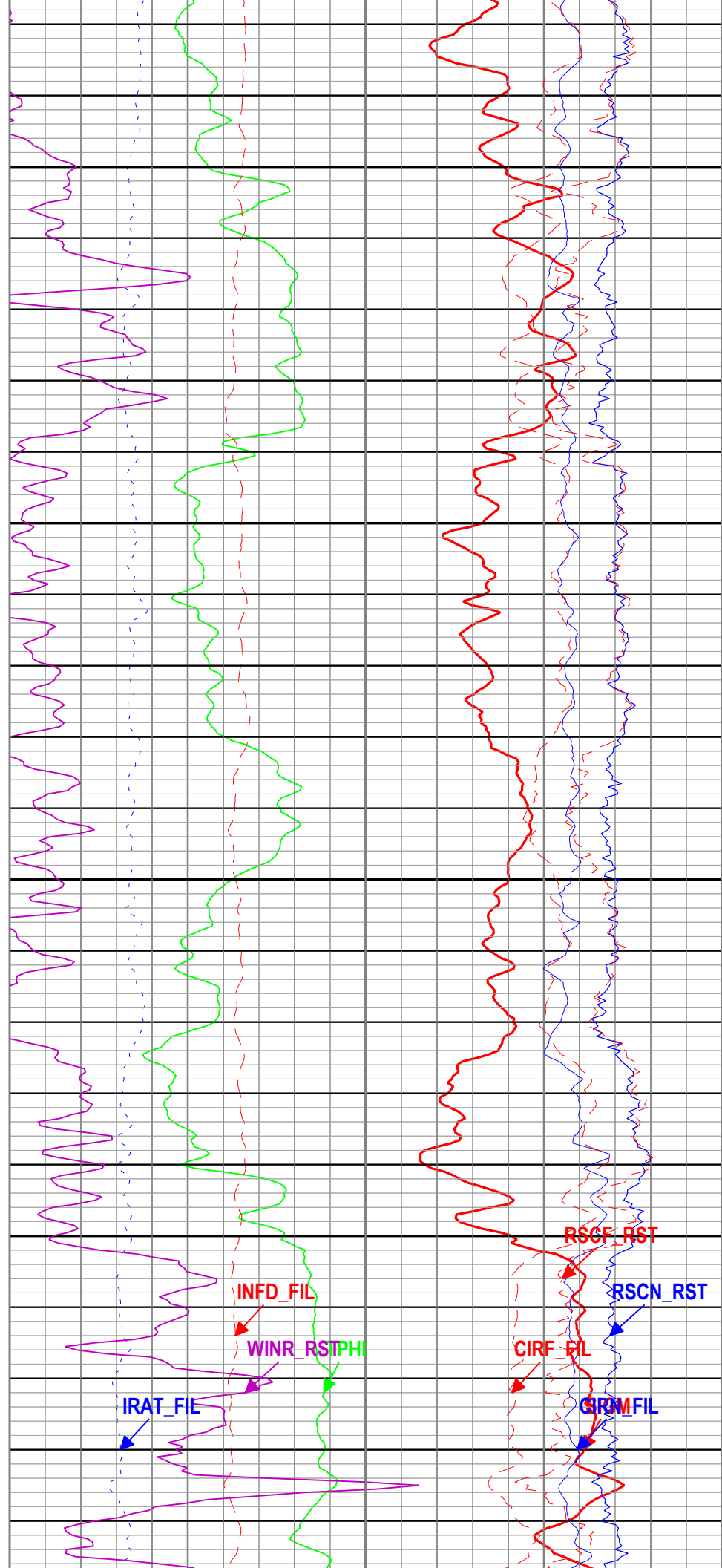
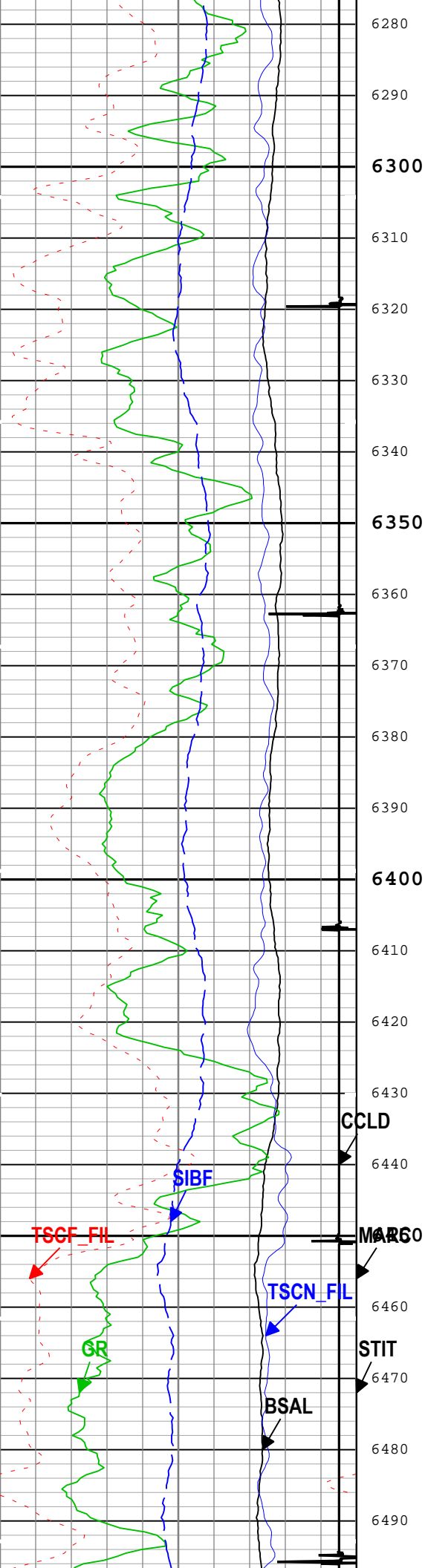


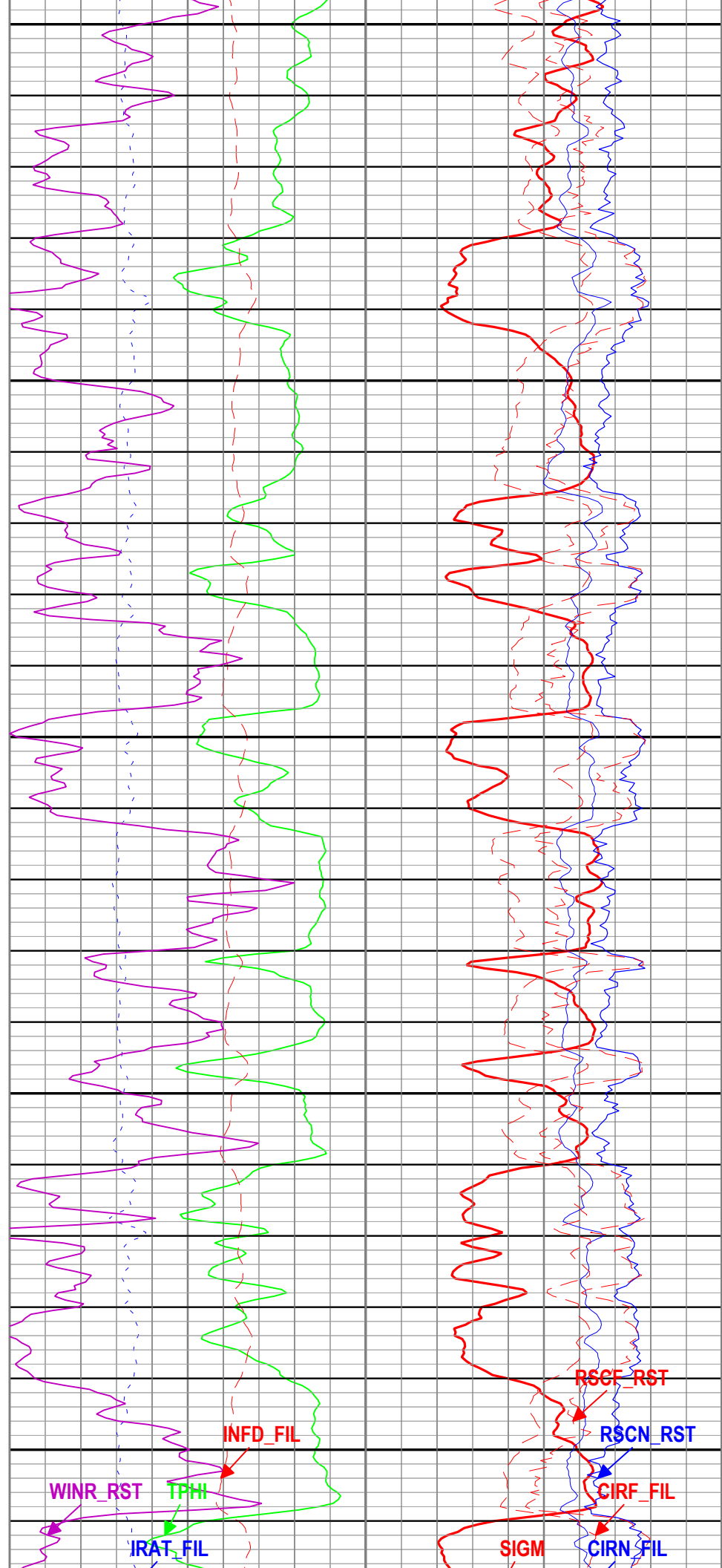
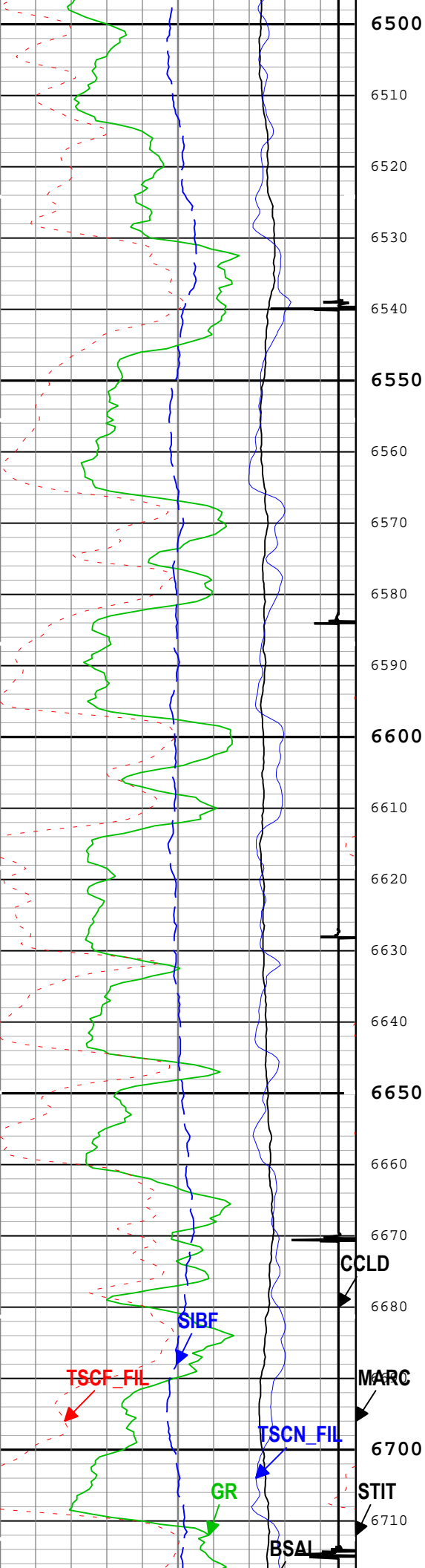


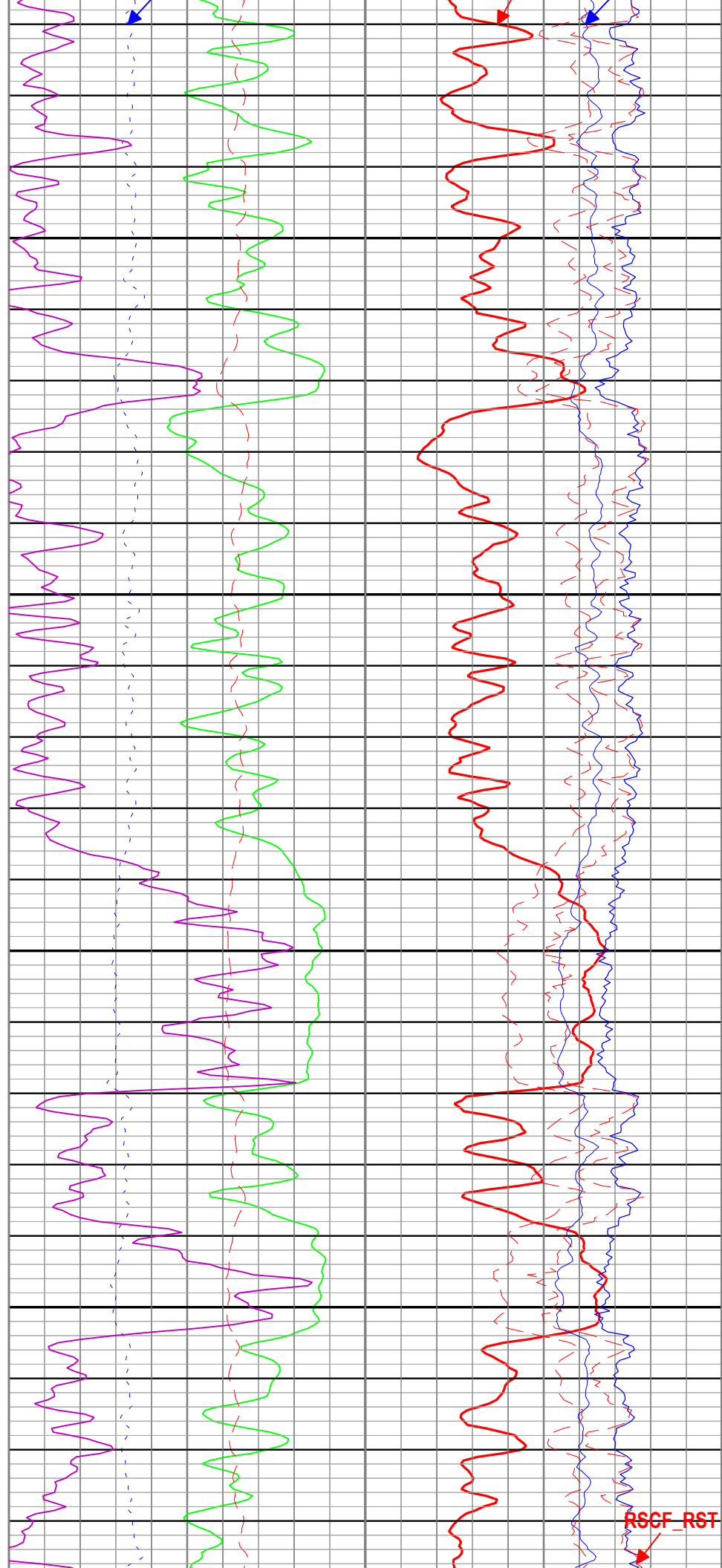
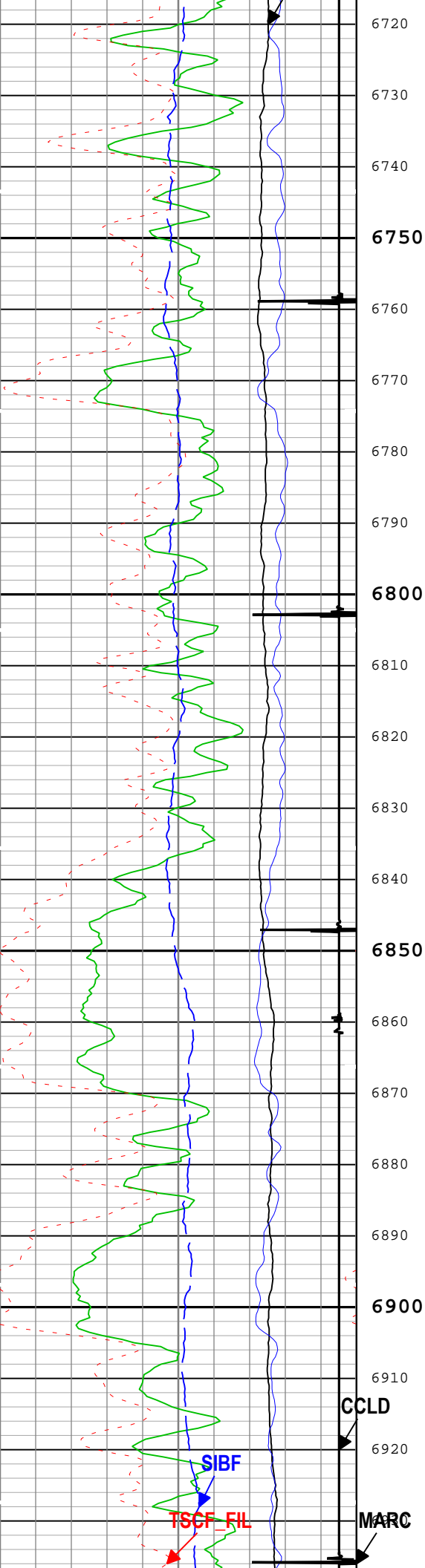




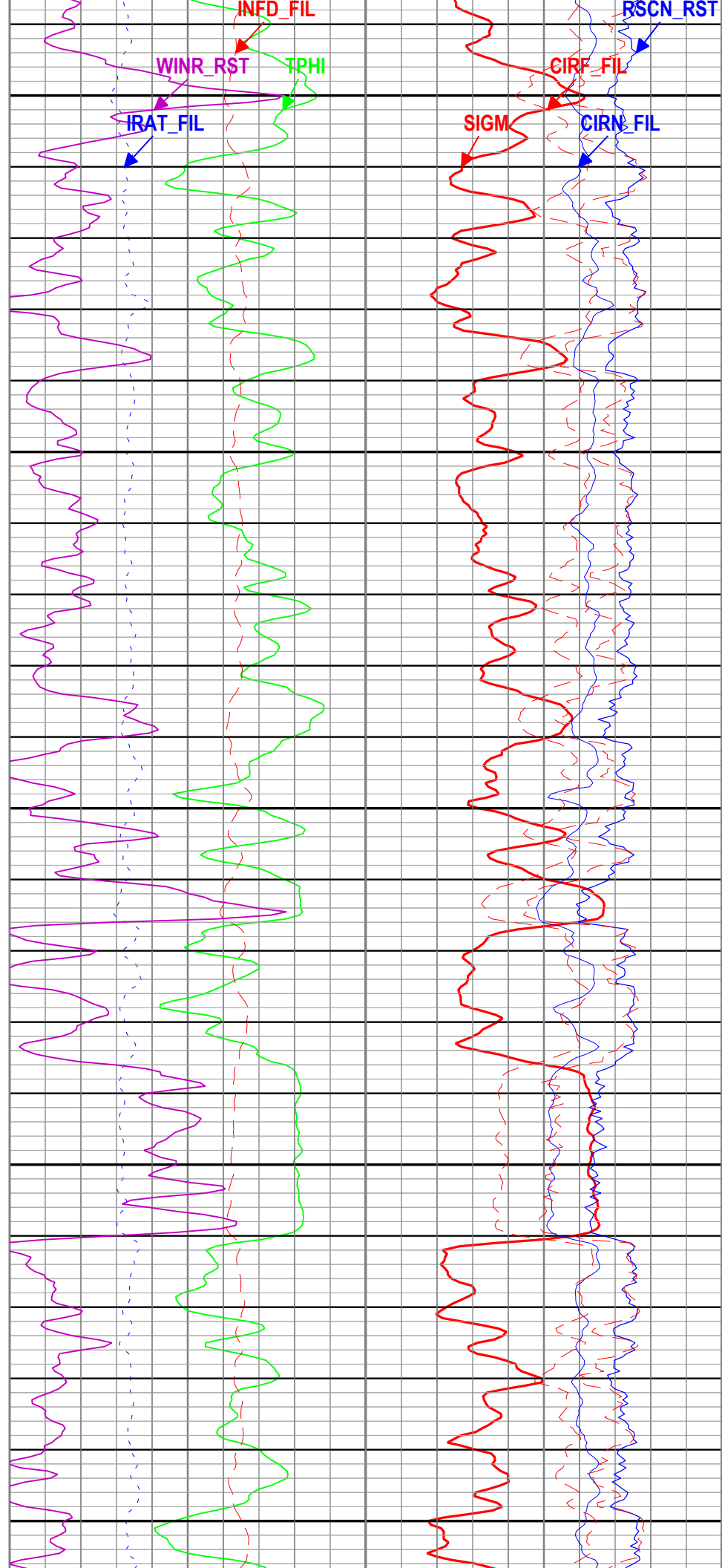
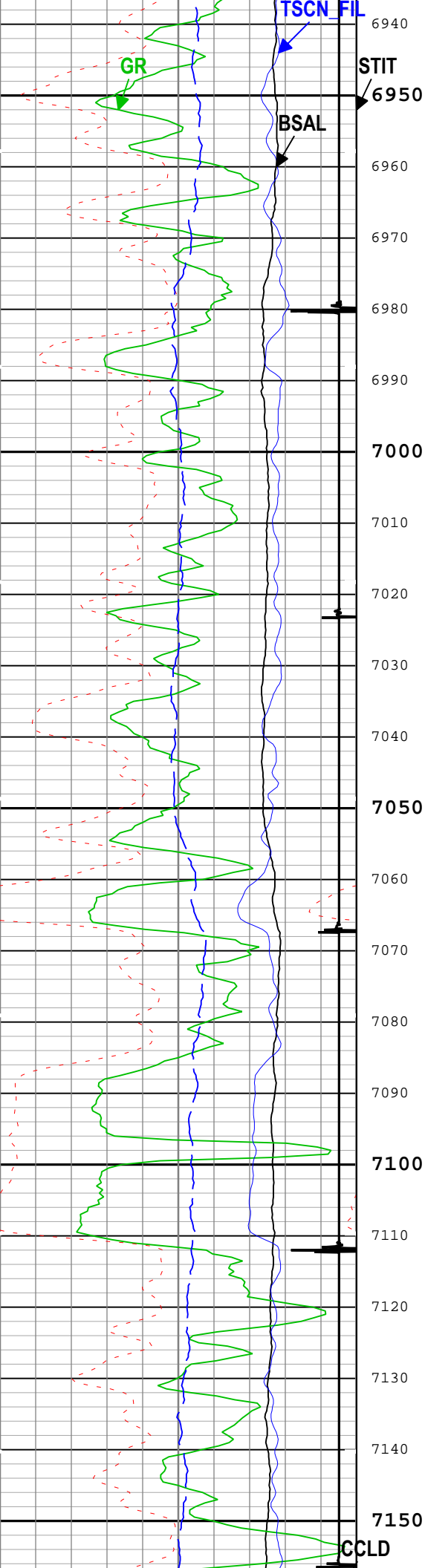


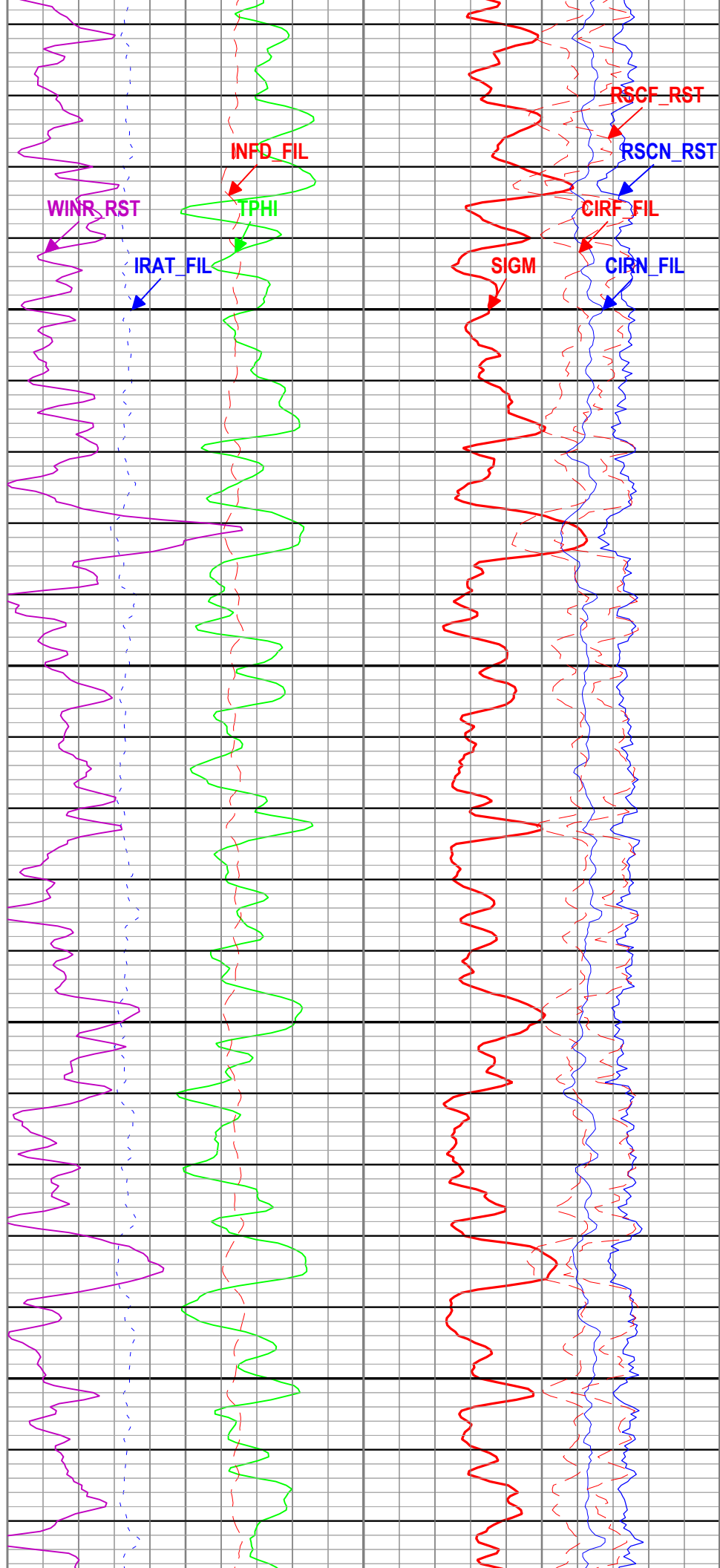
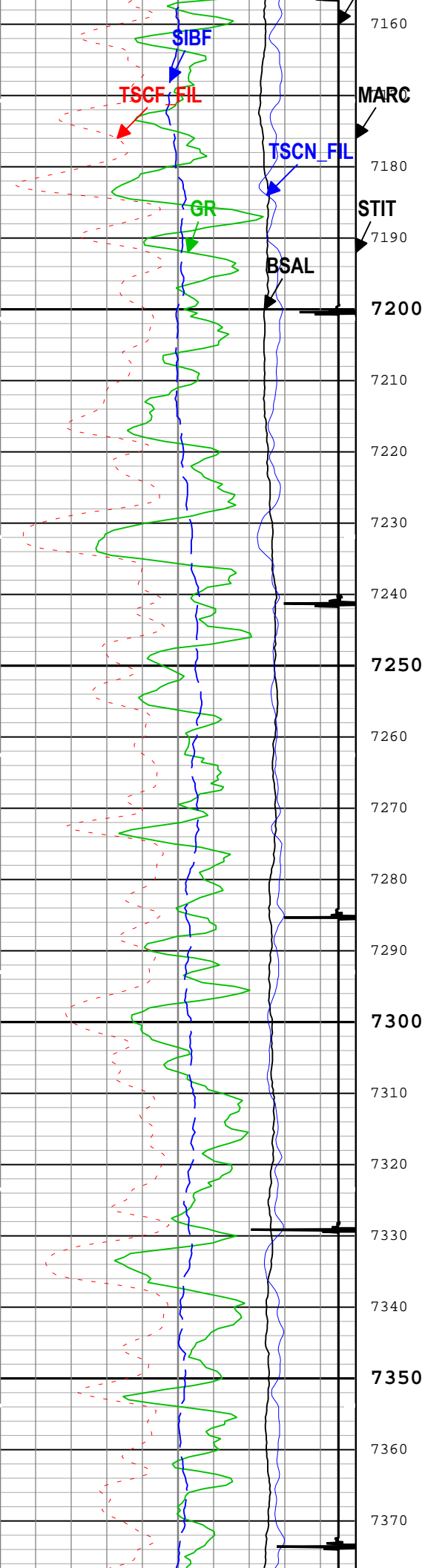


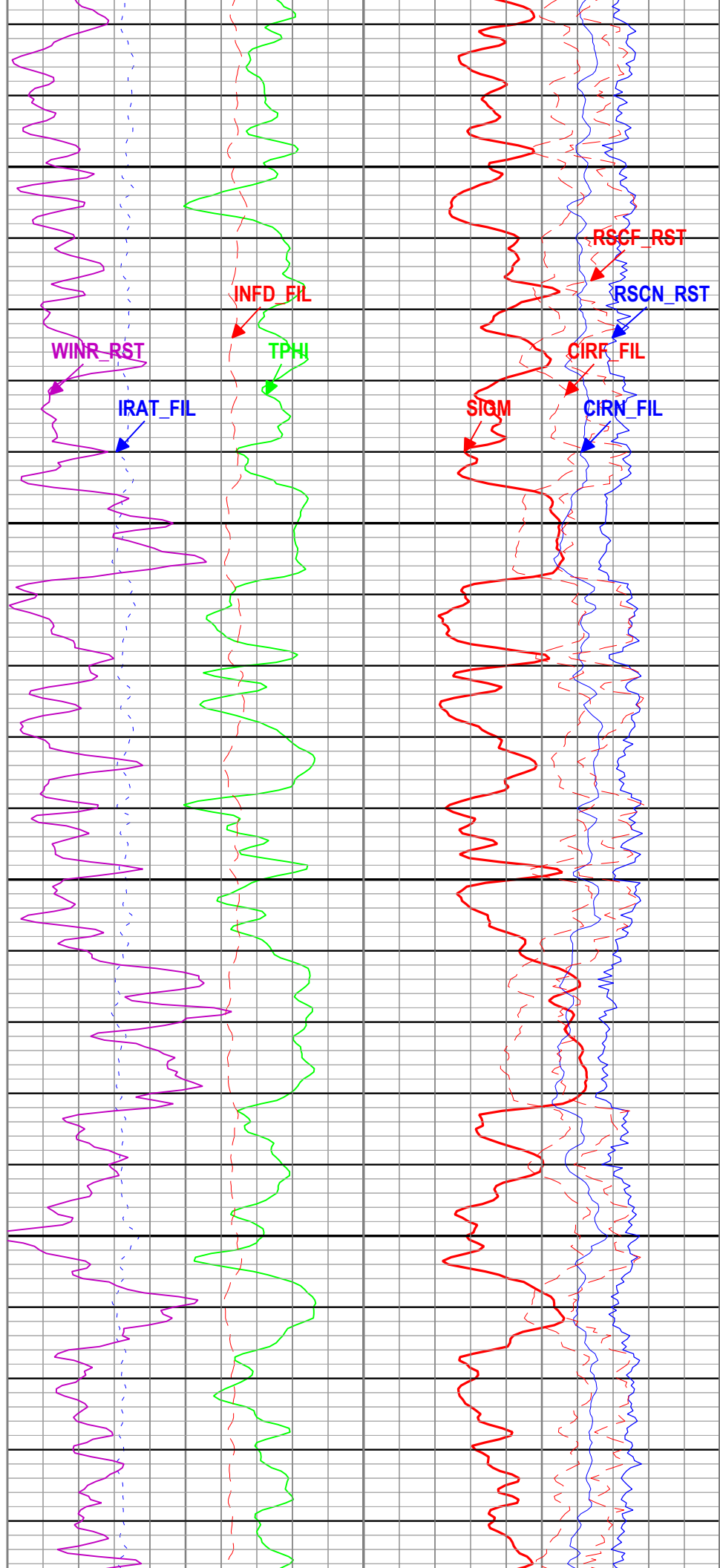
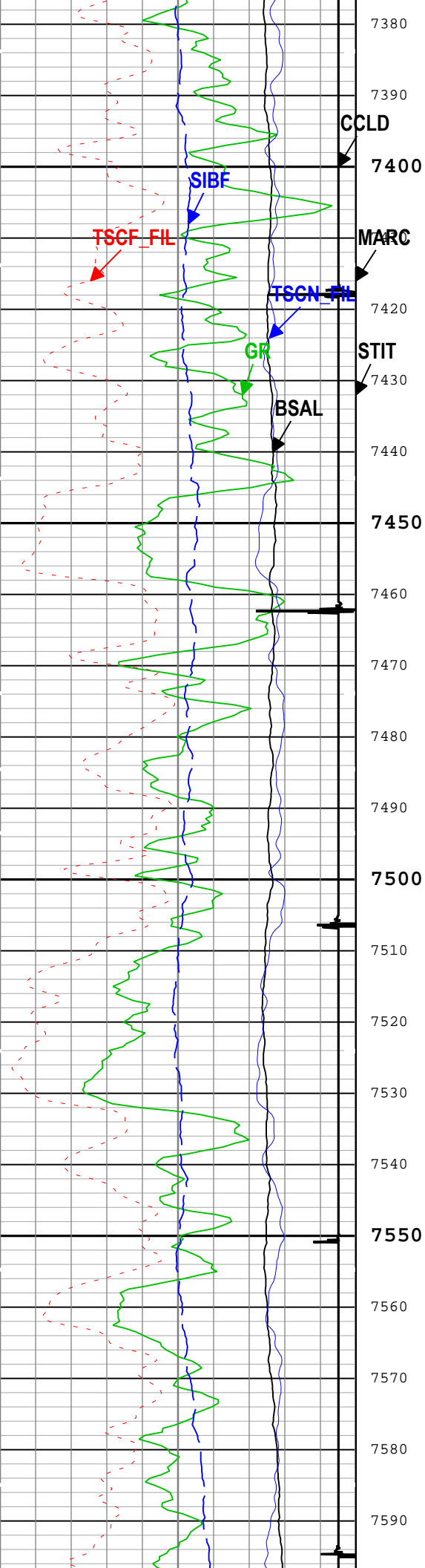


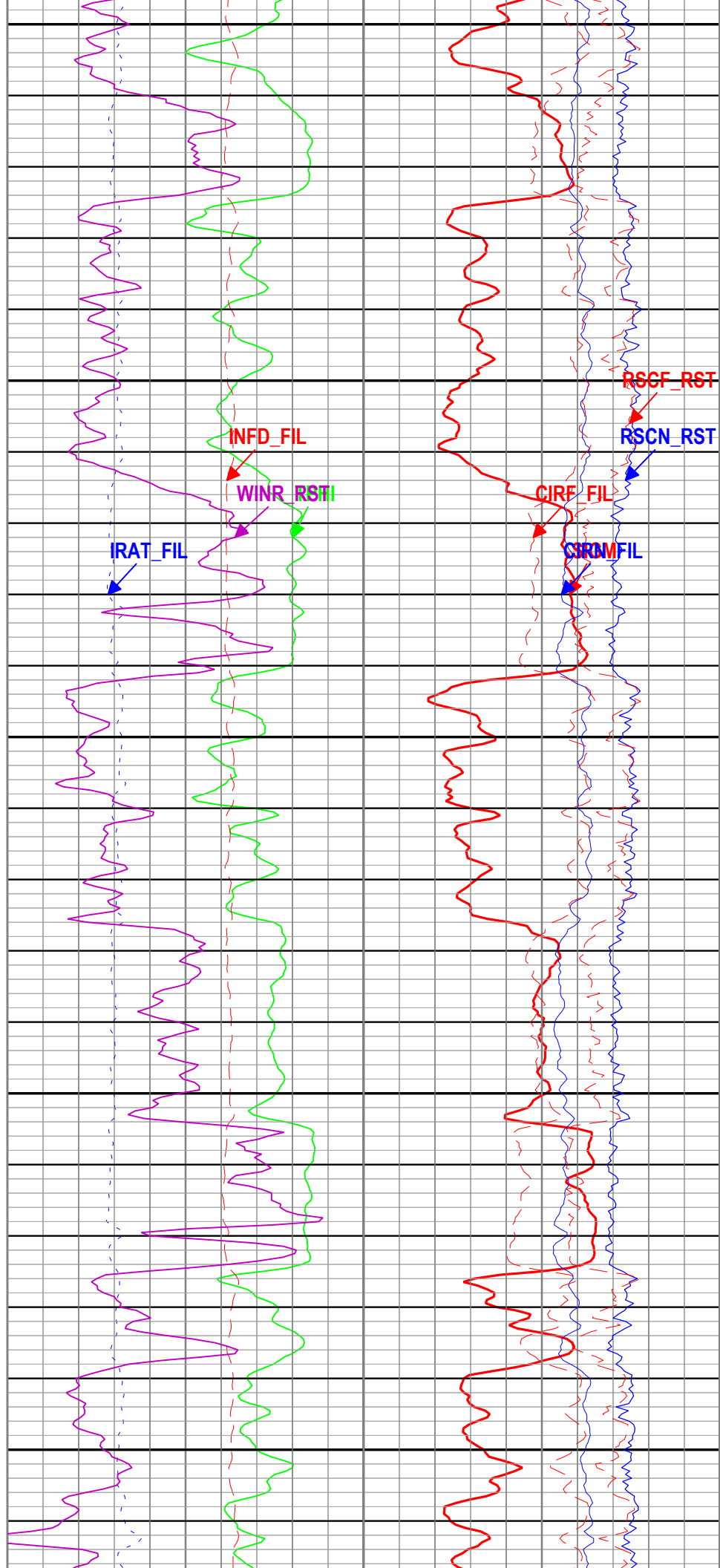
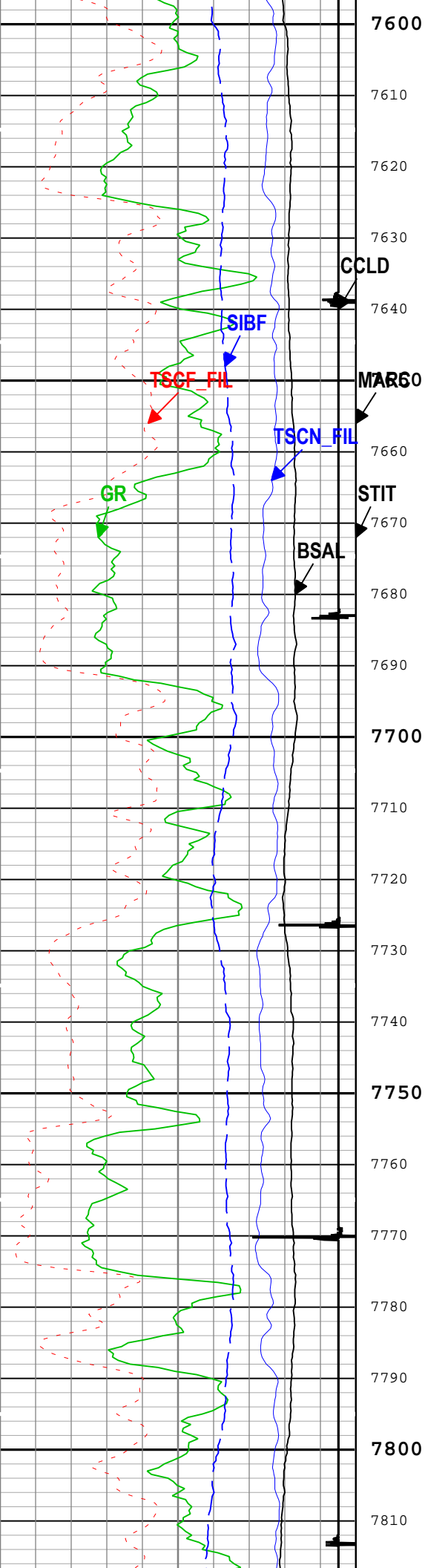




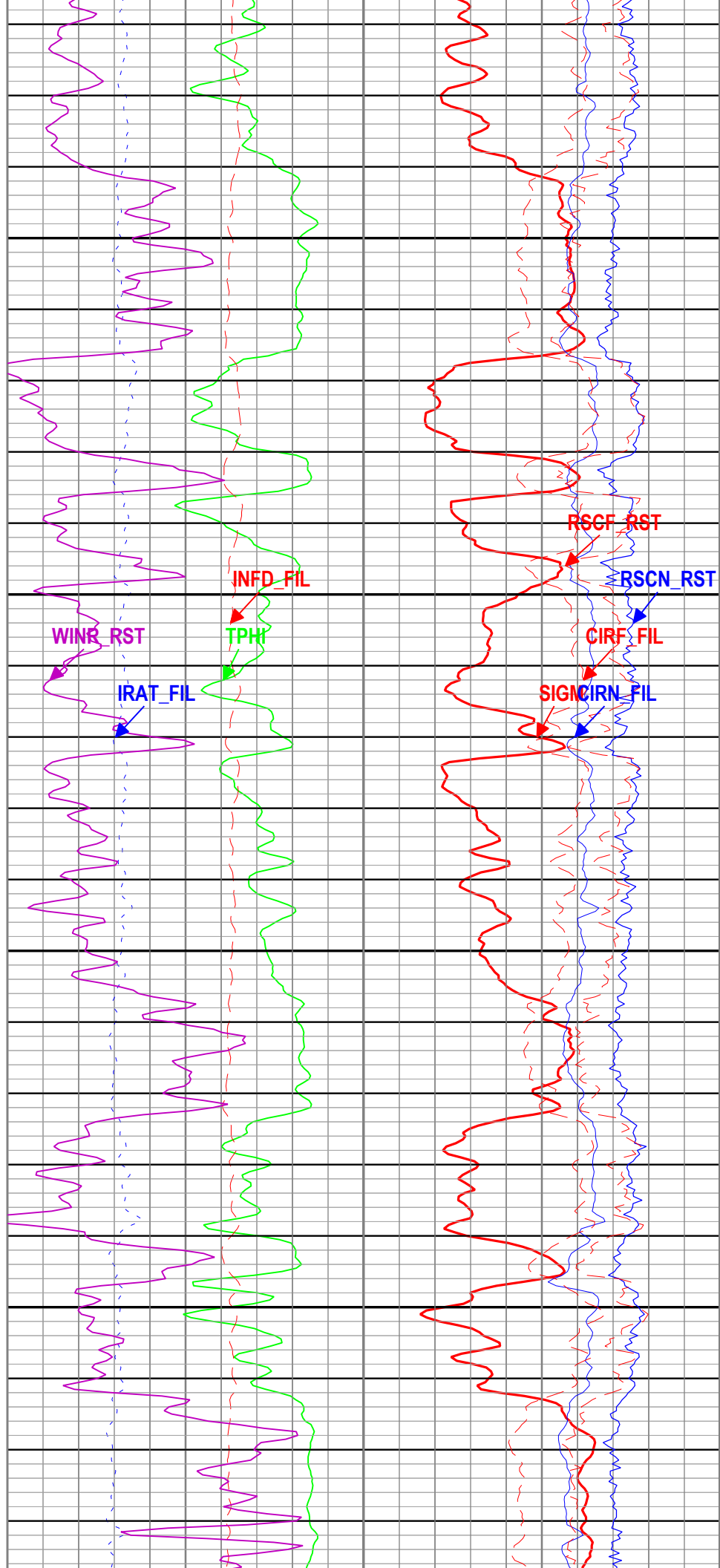
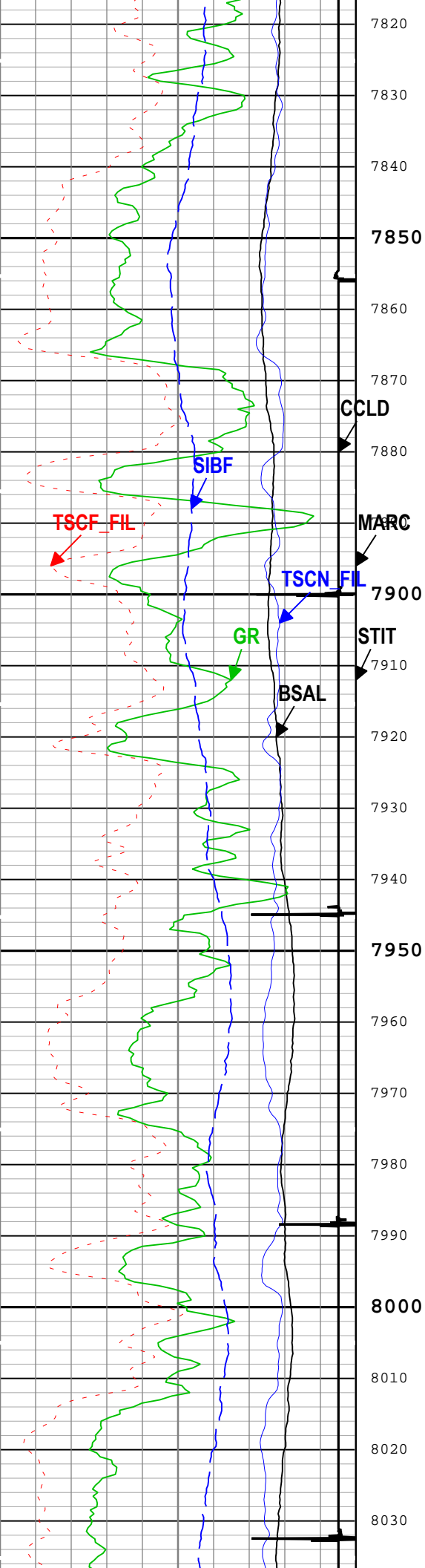


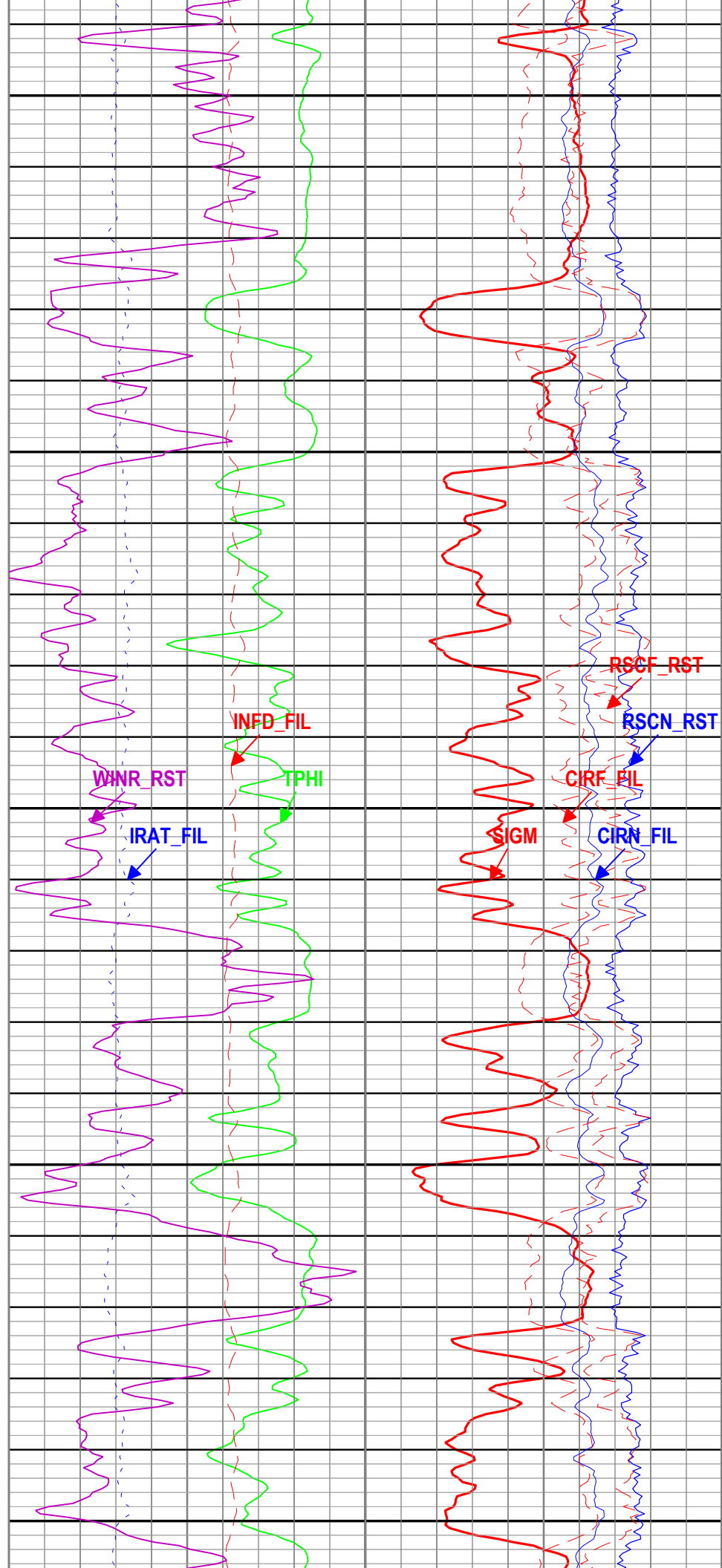
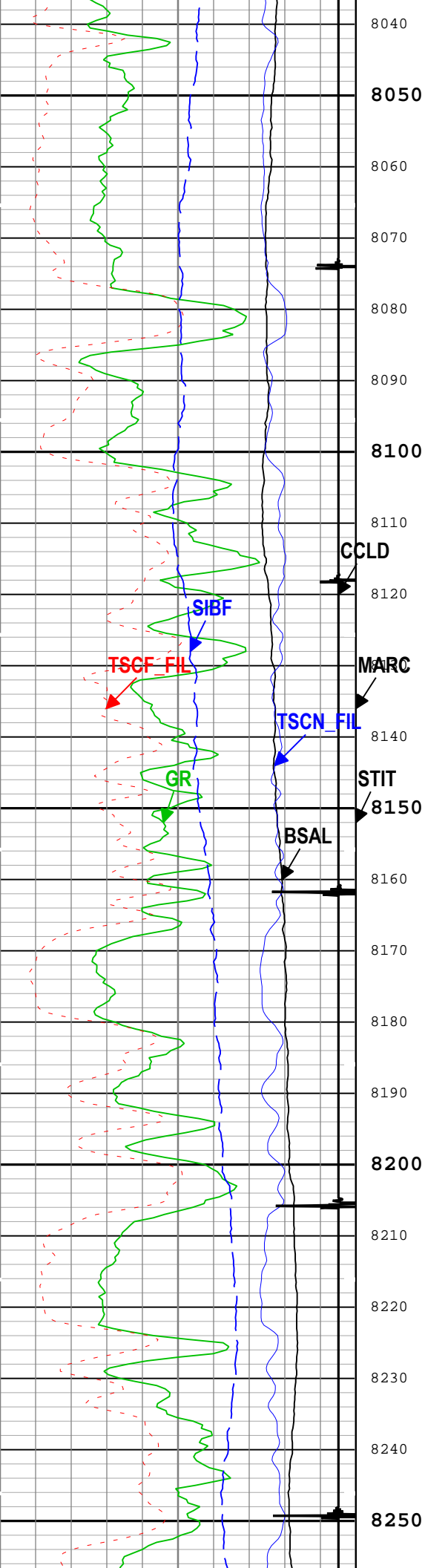


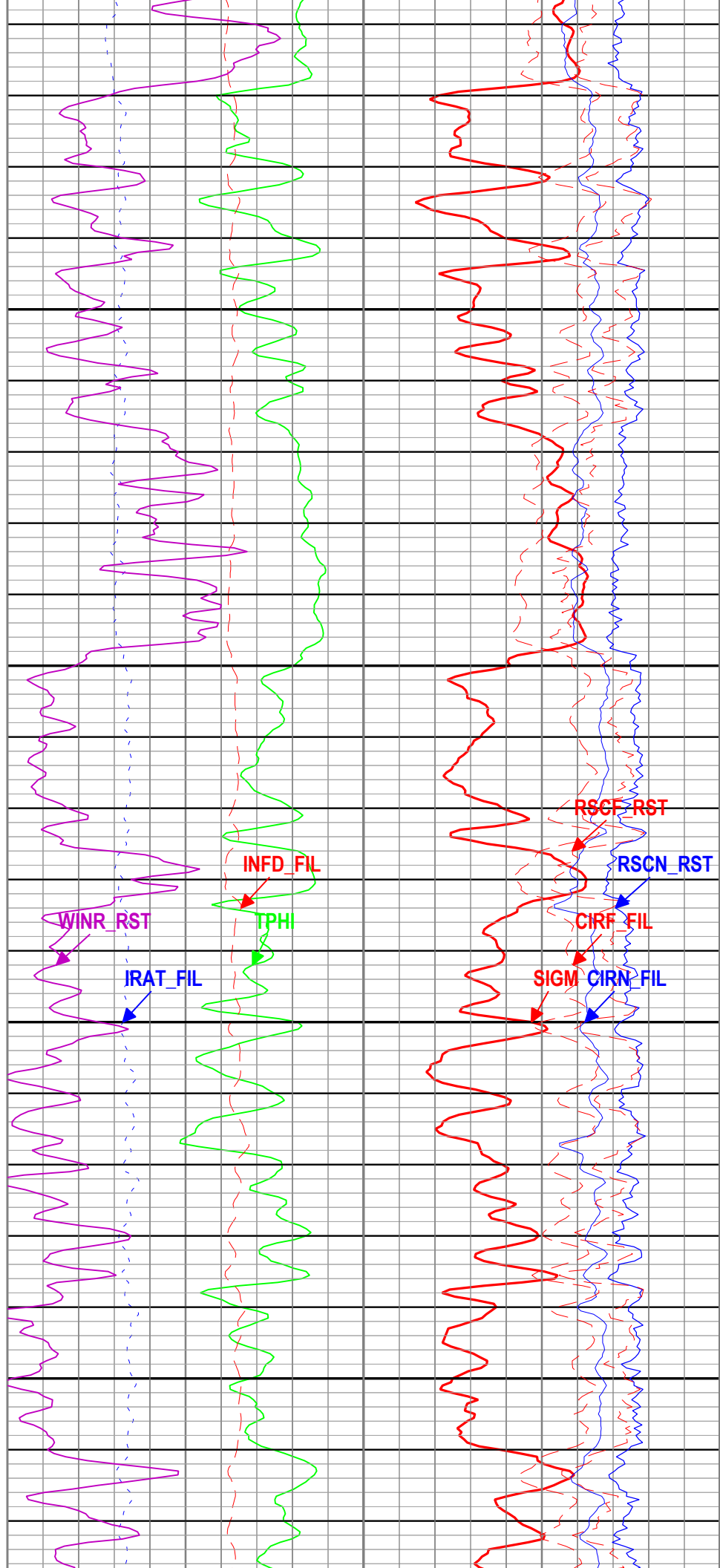
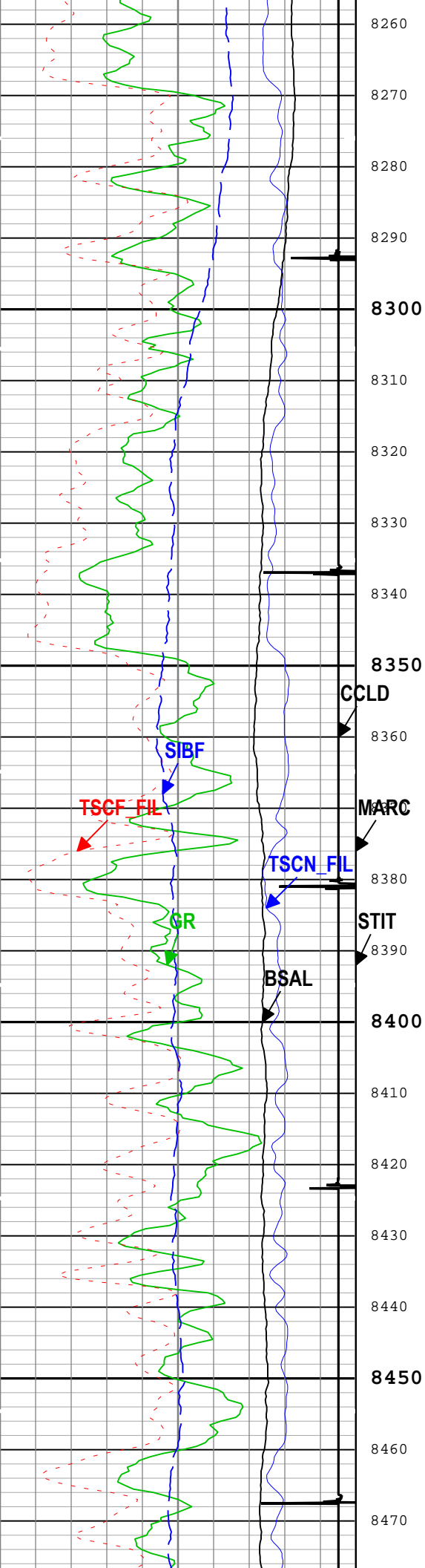


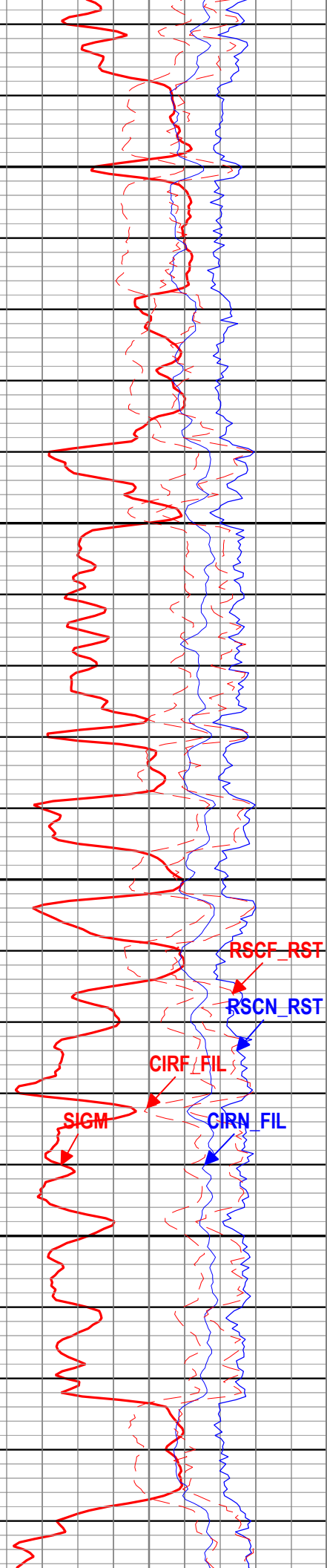
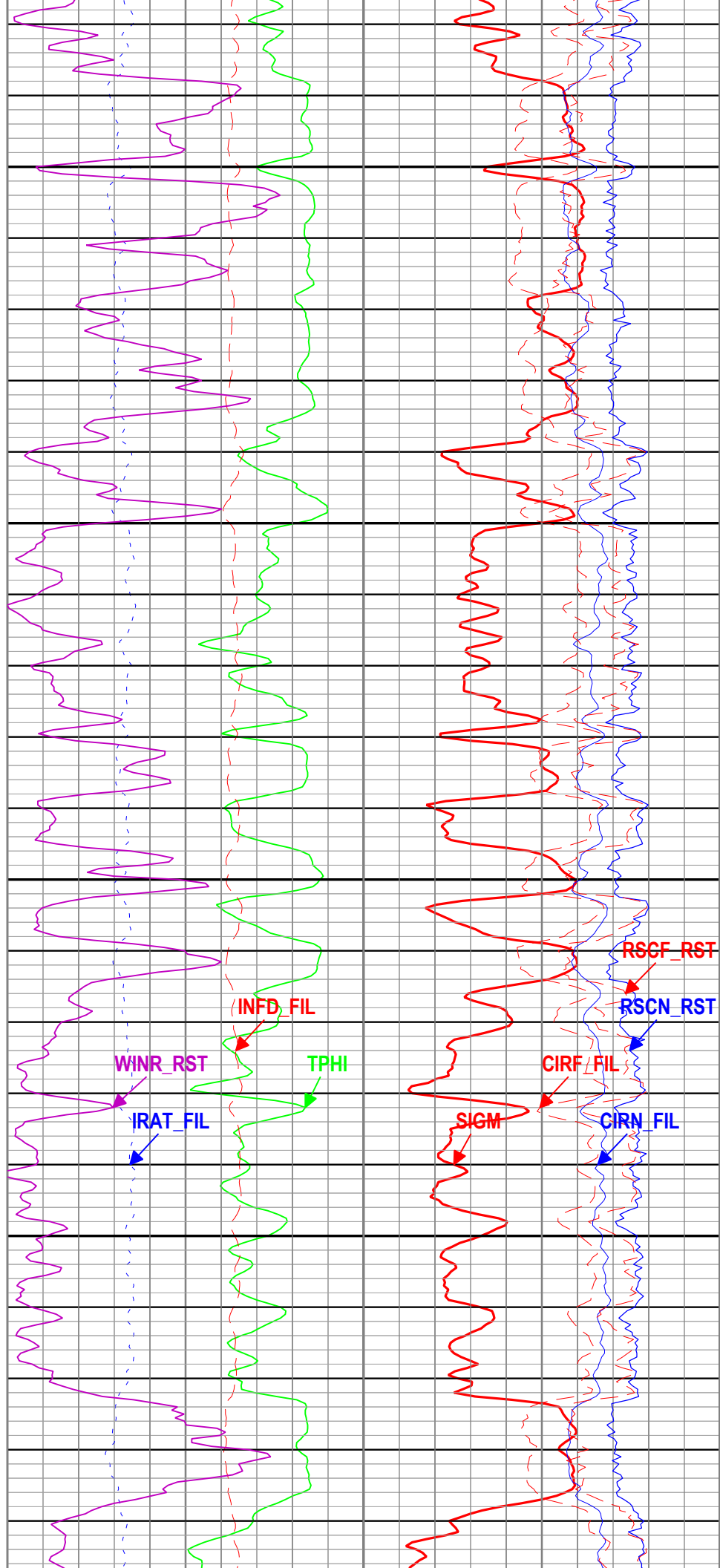
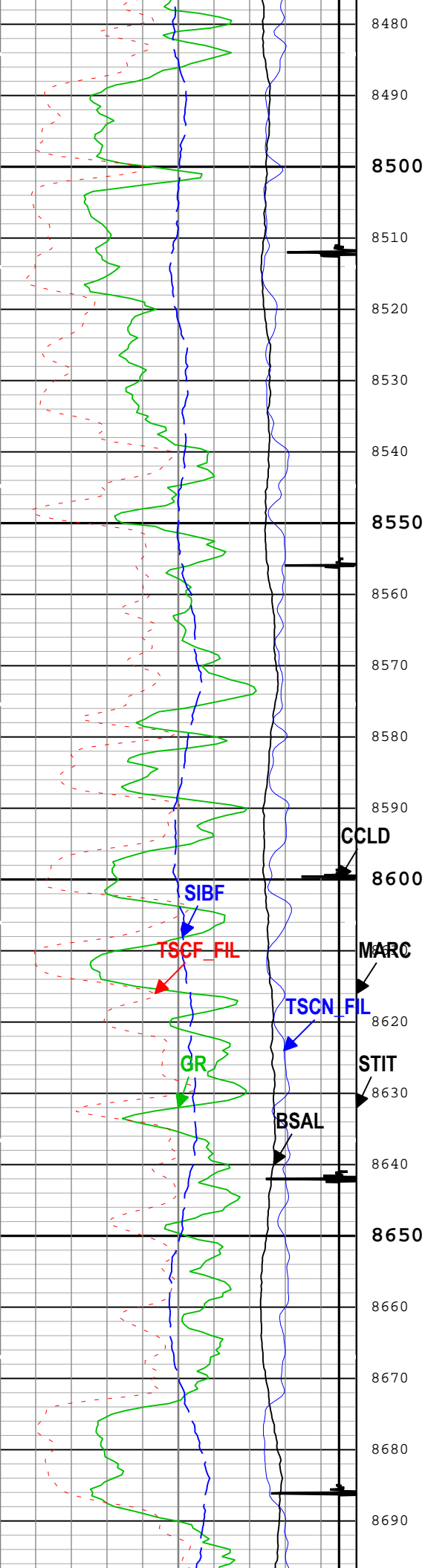




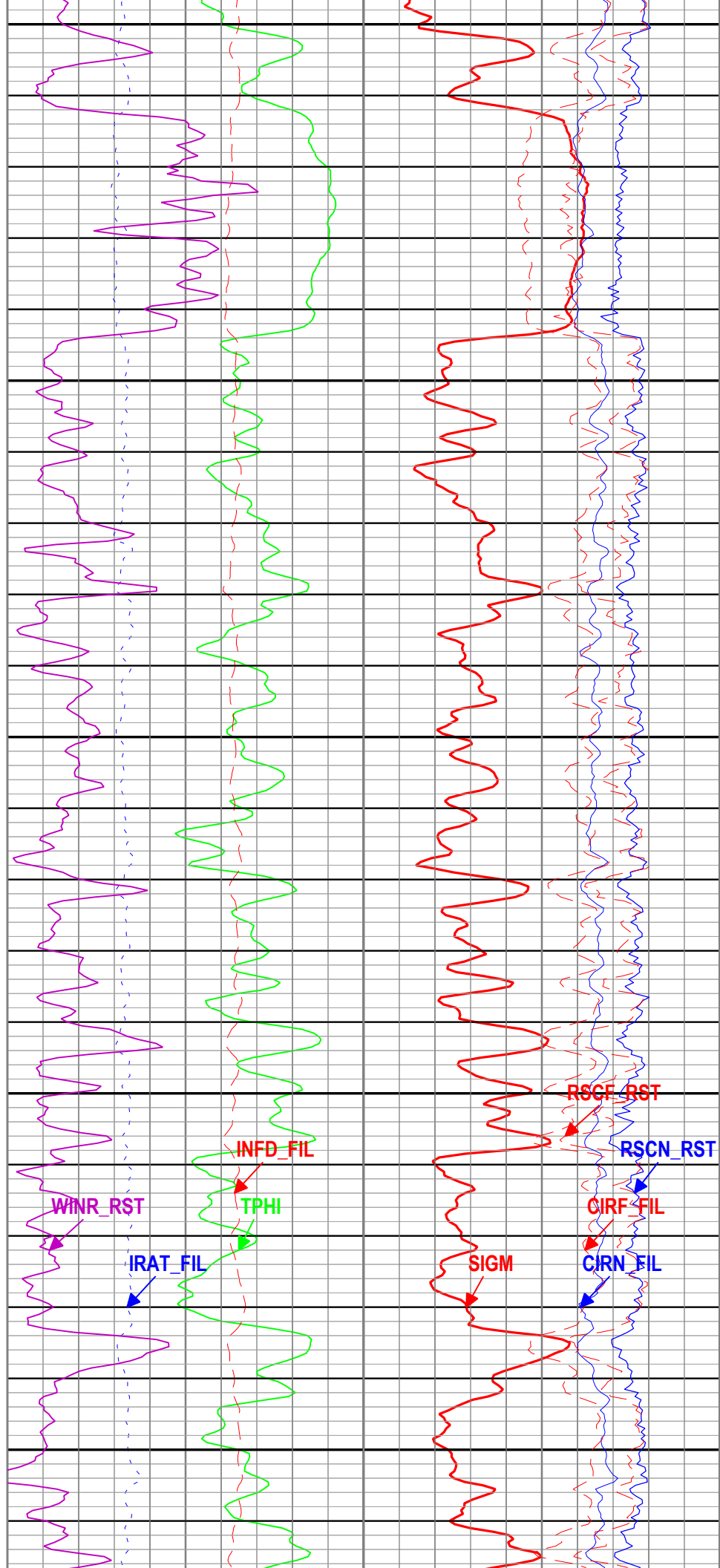
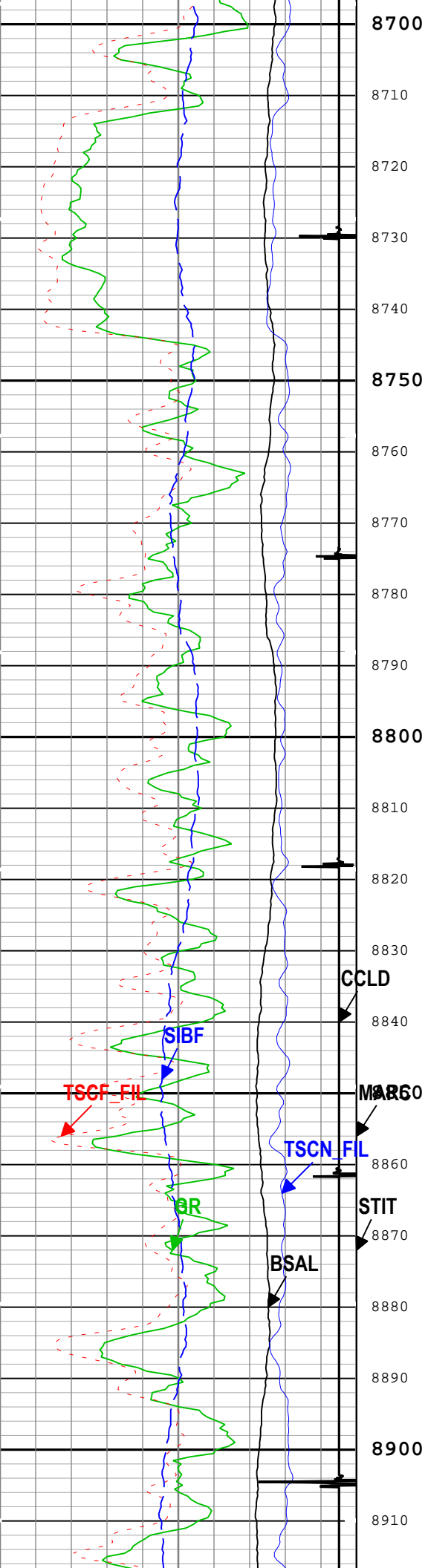


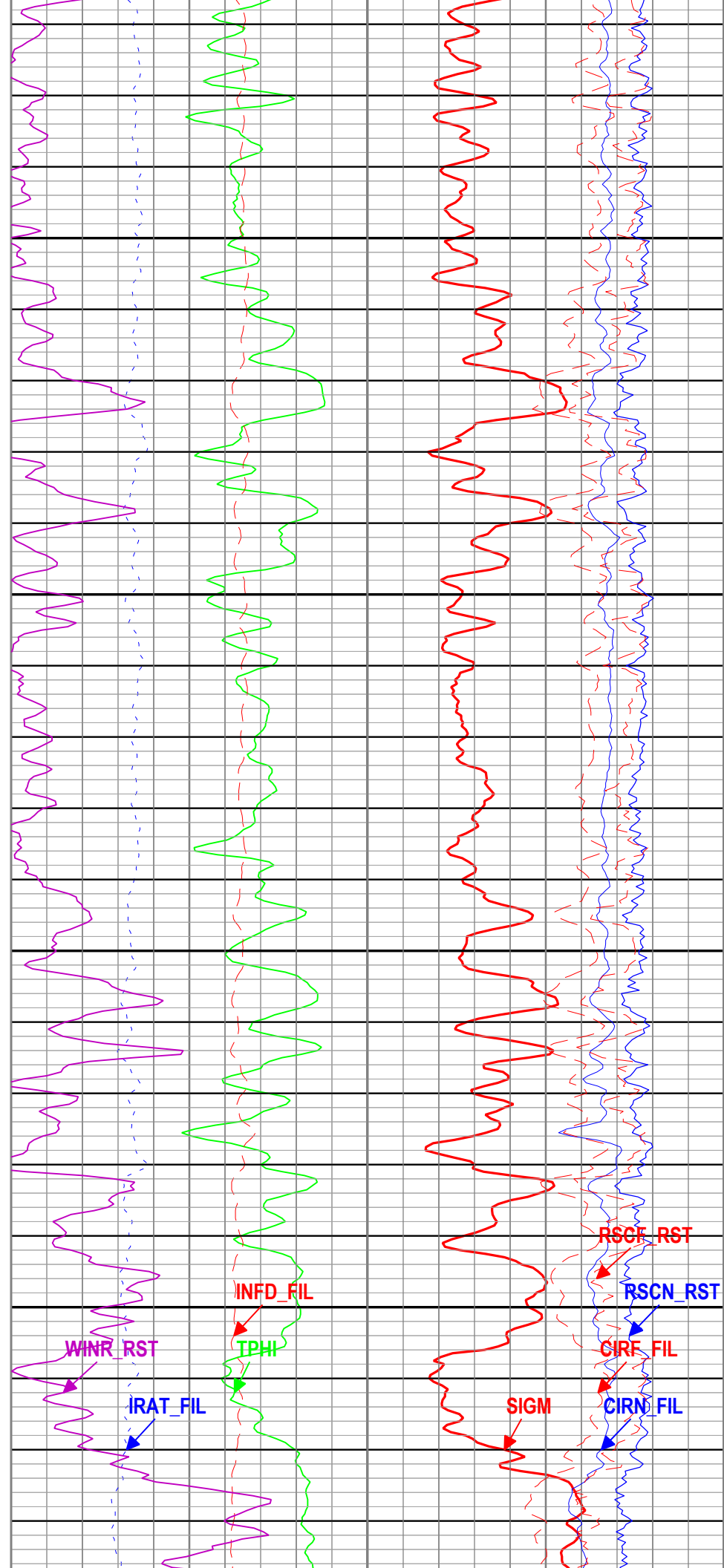
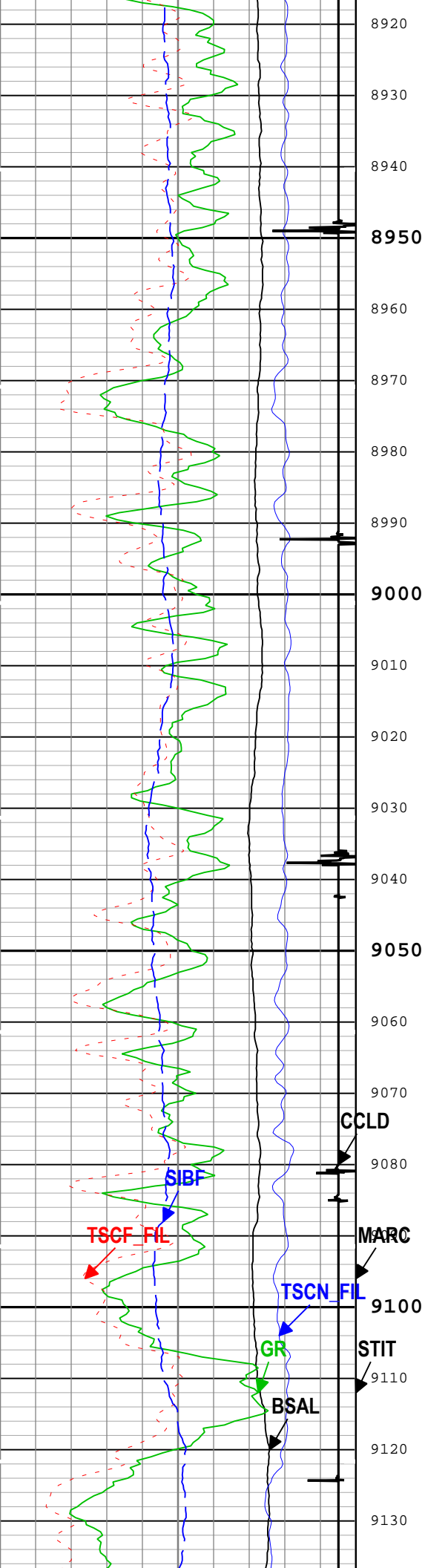


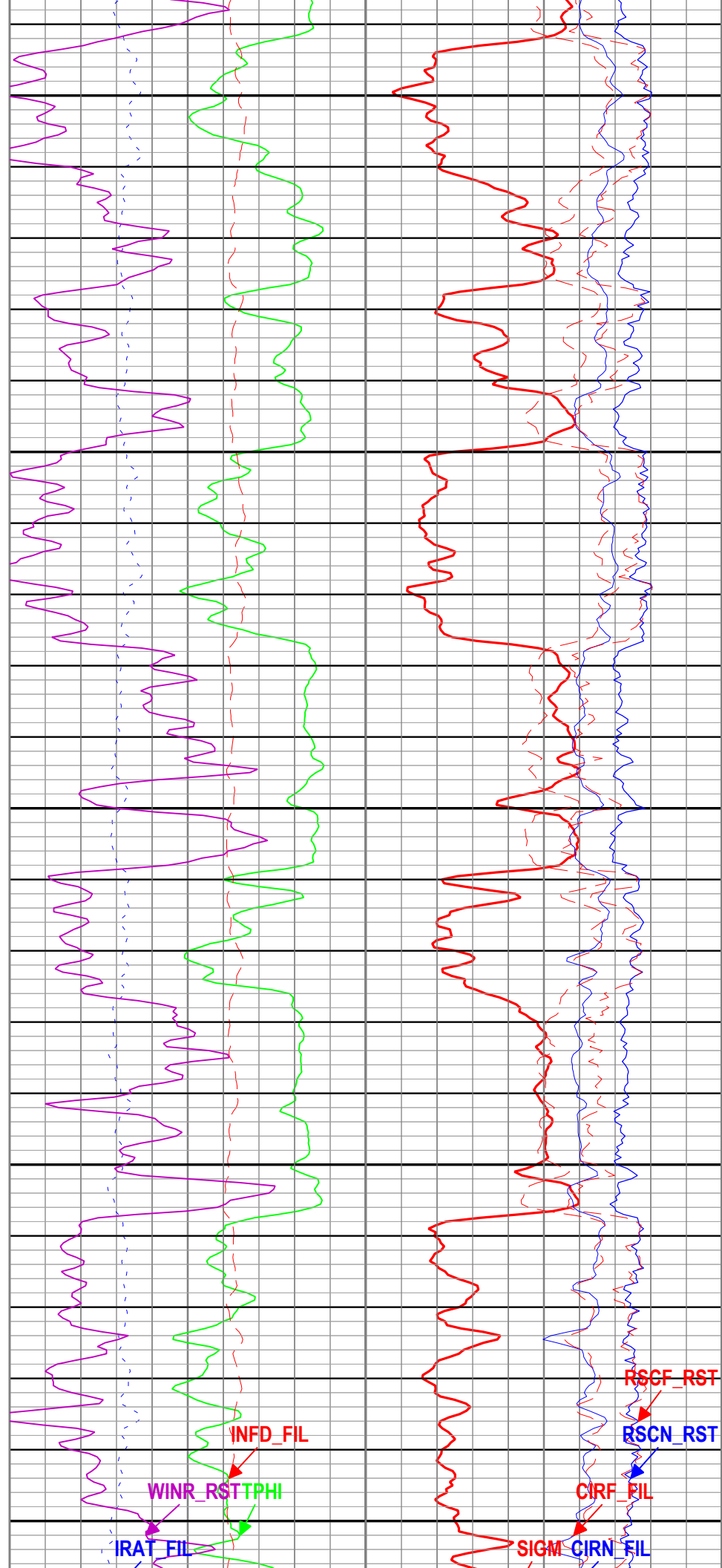
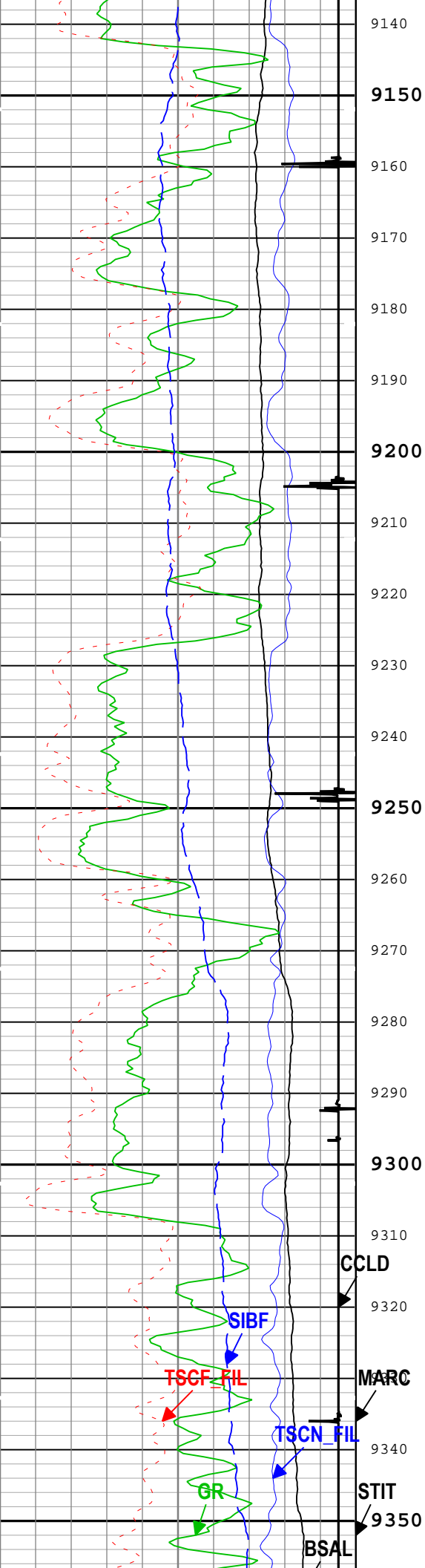


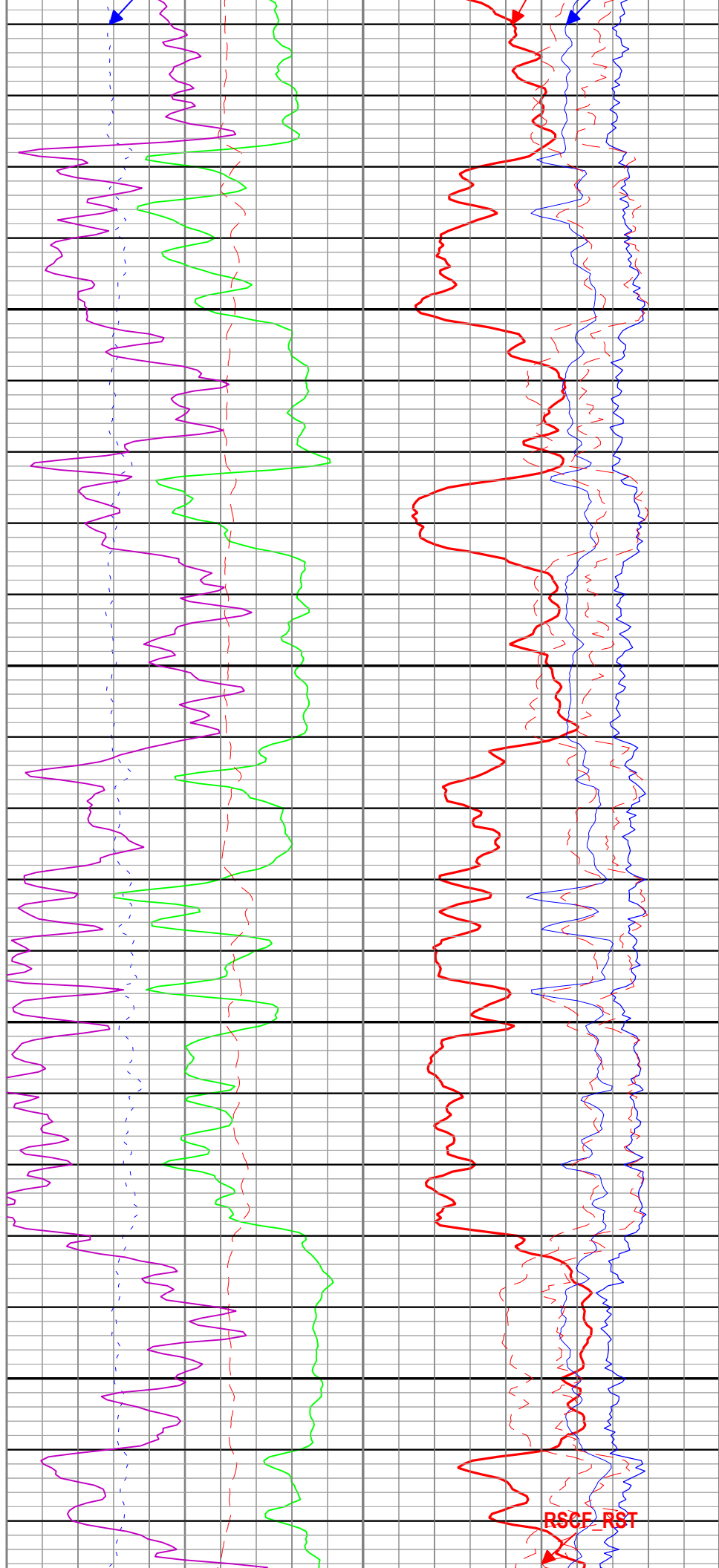
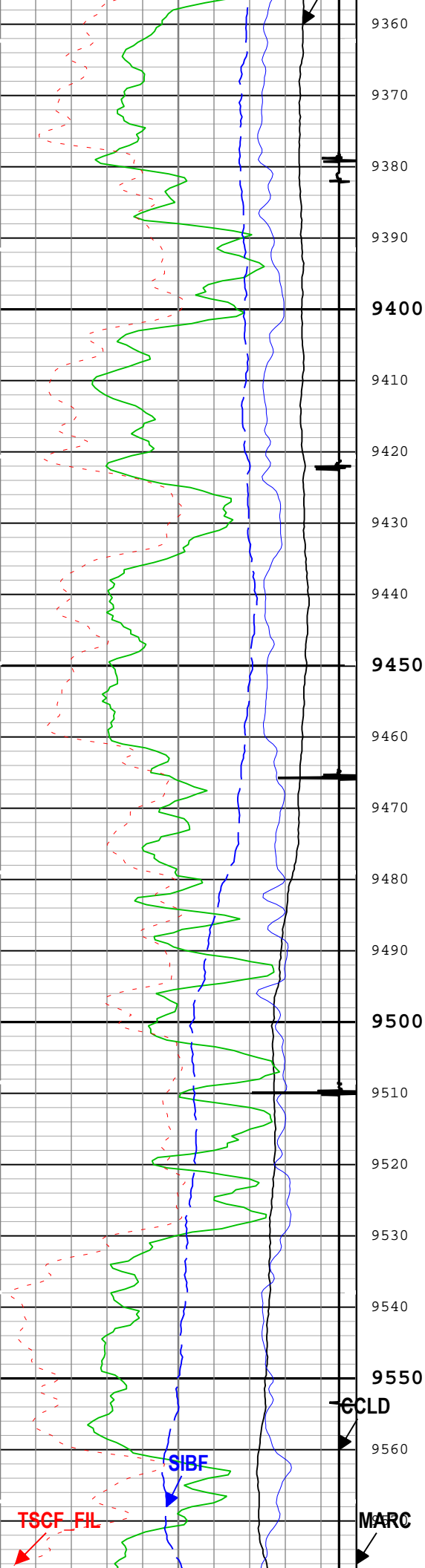




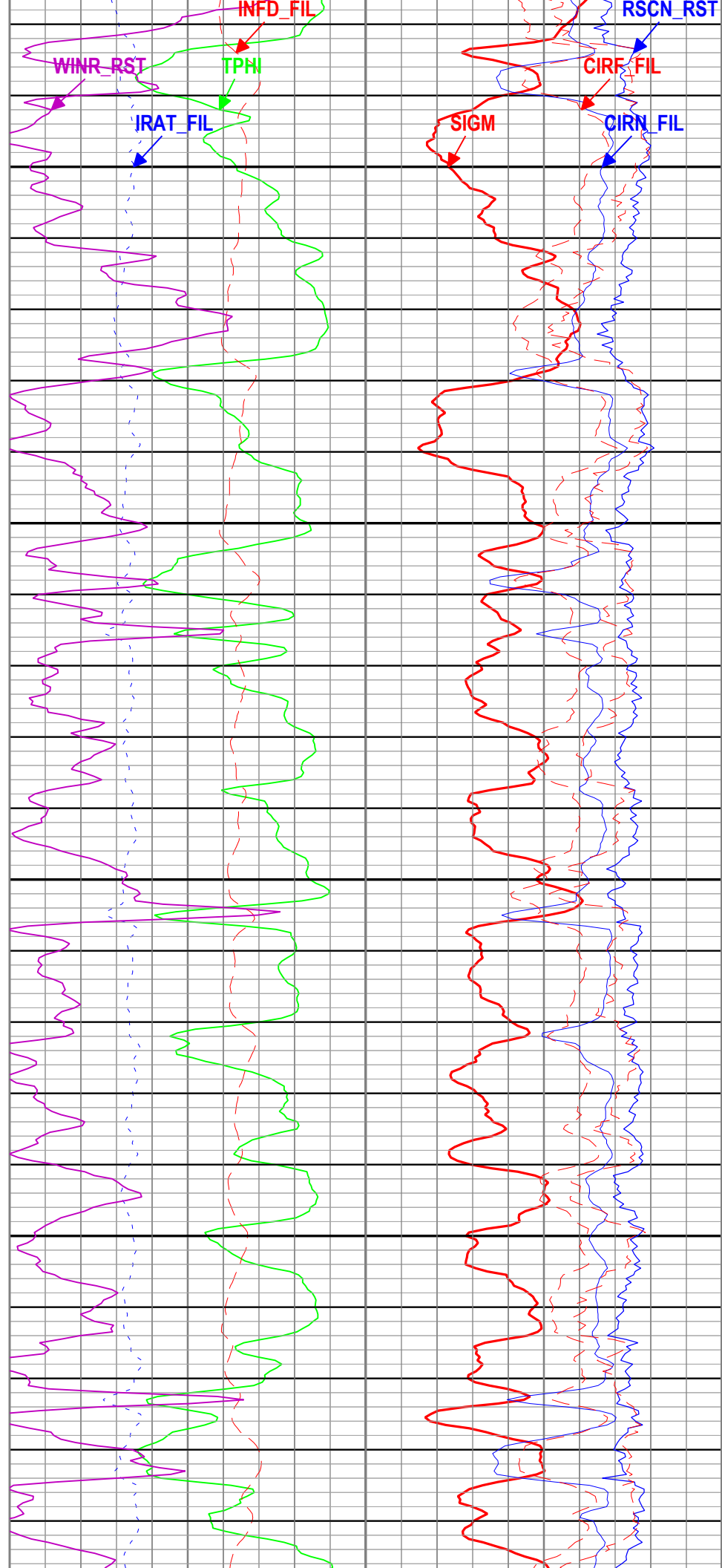
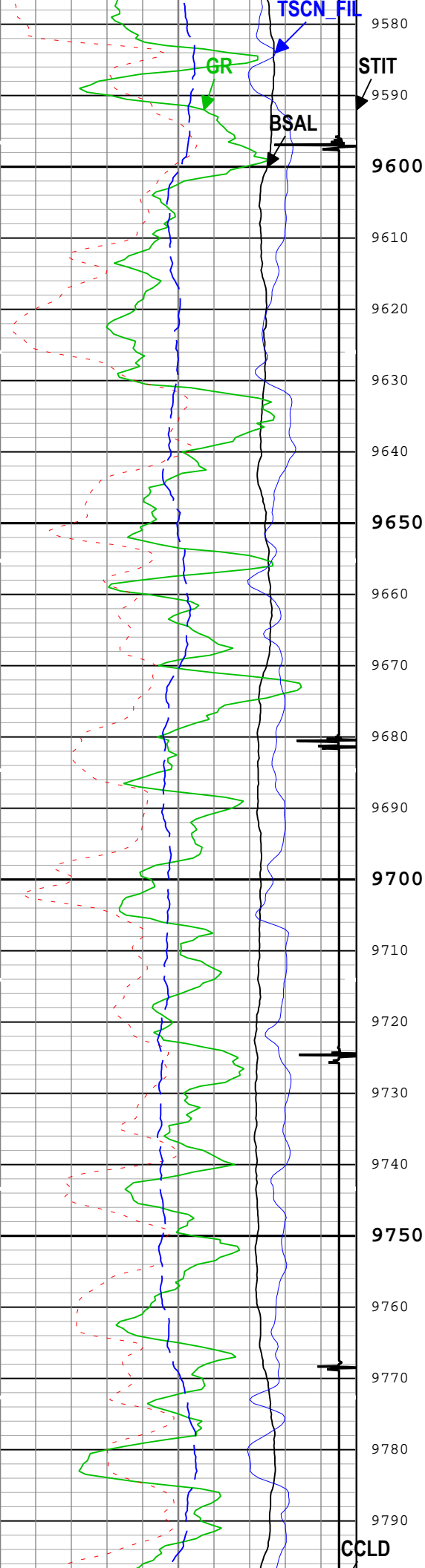


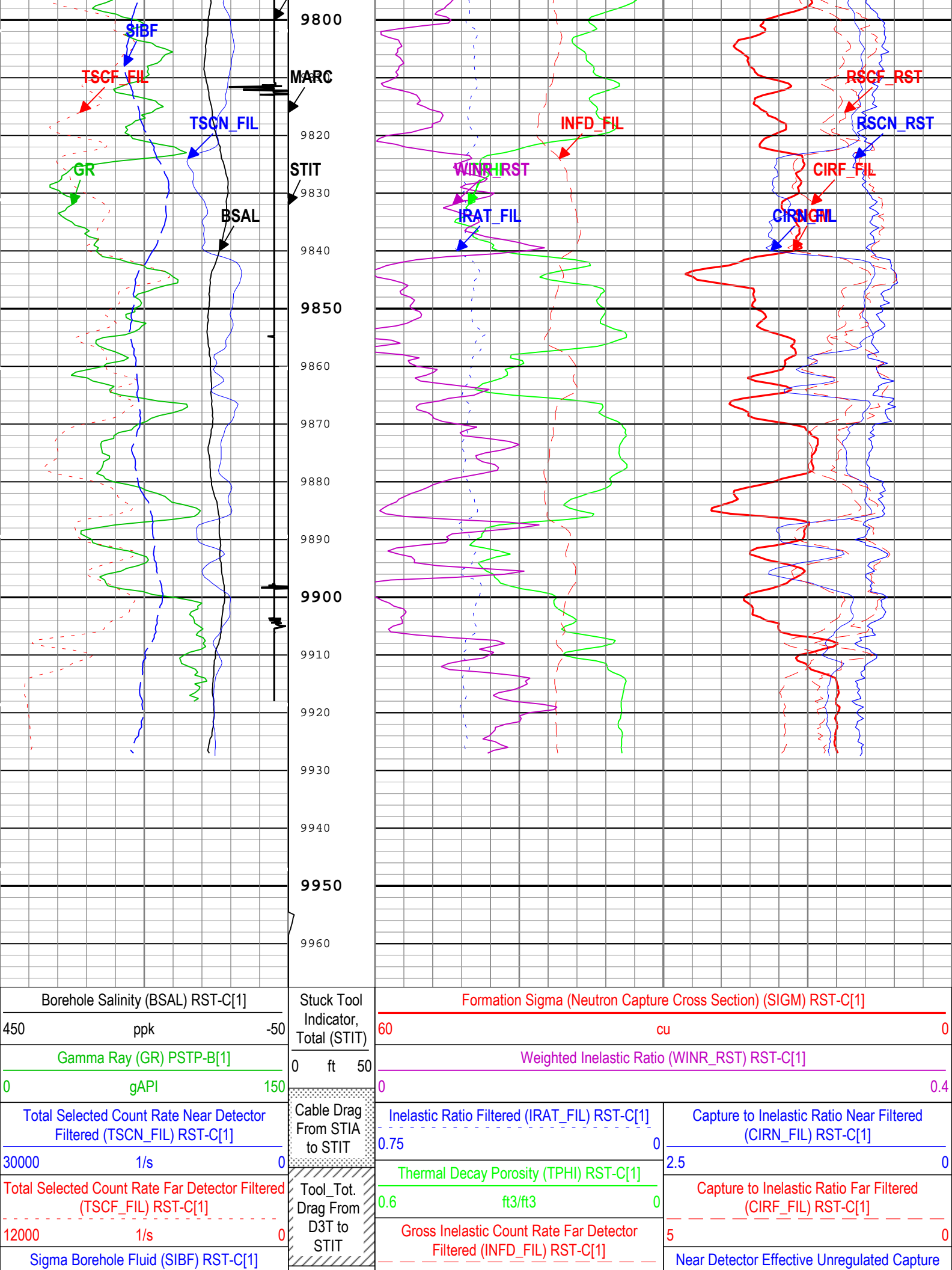












100	cu	0	Minitron Arc Count (MARC) RST-C[1]	10000	1/s	0	Count Rate (RSCN_RST) RST-C[1]		45	0						
CCL Discriminated Amplitude (CCLD) PSTP-B[1]							Far Detector Effective Unregulated Capture Count Rate (RSCF_RST) RST-C[1]				45	0				
-19	V	1	0	5												
ICV - Integrated Cement Volume every 100.00 (ft3)																
ICV - Integrated Cement Volume every 10.00 (ft3)																
IHV - Integrated Hole Volume every 100.00 (ft3)																
IHV - Integrated Hole Volume every 10.00 (ft3)																
TIME_1900 - Elapsed time since midnight, 30 December 1899 every 60.00 (s)																
TIME_1900 - Time Marked every 60.00 (s)																
Description: RST SIGMA Answer    Format: Log ( RST SIGMA Answer )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 08-Sep-2018 22:18:45																

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		
DC_MODE		Depth Correction Mode			DepthCorrection		Real-time		
DFT_CATEGORY		Drilling Fluid Type			Borehole		Water		
MATR		Rock Matrix for Neutron Porosity Corrections			Borehole		SANDSTONE		
TD		Total Measured Depth			Borehole		9958		ft
ONEDepth Zoned Parameters									
Parameter		Value		Start ( ft )			Stop ( ft )		
BS		14.75		2200			2399		
BS		8.75		2399			9958		
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-B		24 dB		
RST_DLM		Depth Log Mode			RST-C		Sigma		
ONE									
Repeat Pass									
Software Version									
Acquisition System						Version			
Maxwell 2018 SP1						8.1.99839.3100			
Application Patch						Wireline_Hotfix-Mandatory-2018SP1_8.1.102865			
Pass Summary									
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
ONE	Log[2]:Up	Up	9607.83 ft	9973.18 ft	08-Sep-2018 9:37:58 AM	08-Sep-2018 9:50:50 AM	ON	8.08 ft	No

Description: RST SIGMA Answer Format: Log ( RST SIGMA Answer ) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 08-Sep-2018 22:19:21

TIME\_1900 - Time Marked every 60.00 (s)

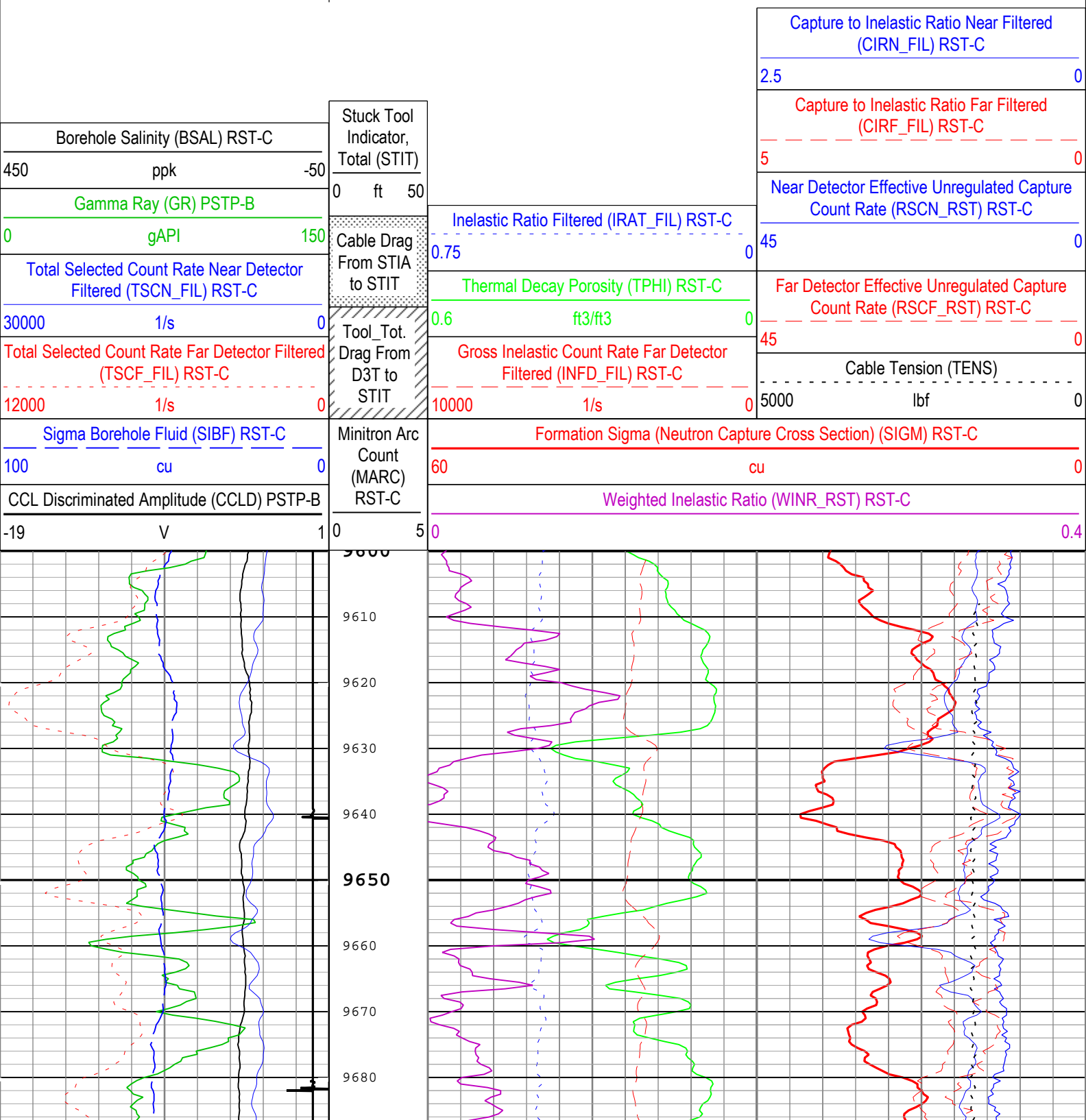
TIME\_1900 - Elapsed time since midnight, 30 December 1899 every 60.00 (s)

IHV - Integrated Hole Volume every 10.00 (ft3)

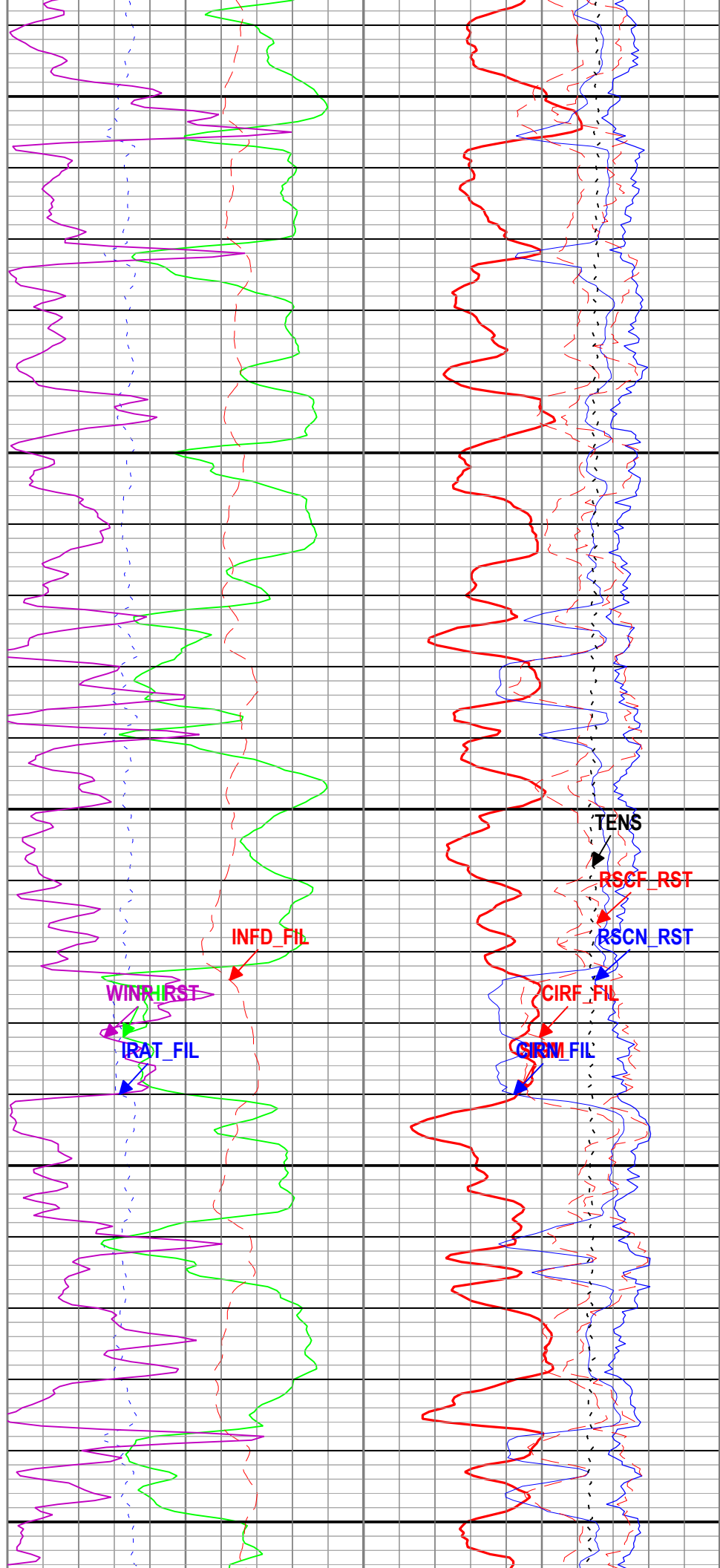
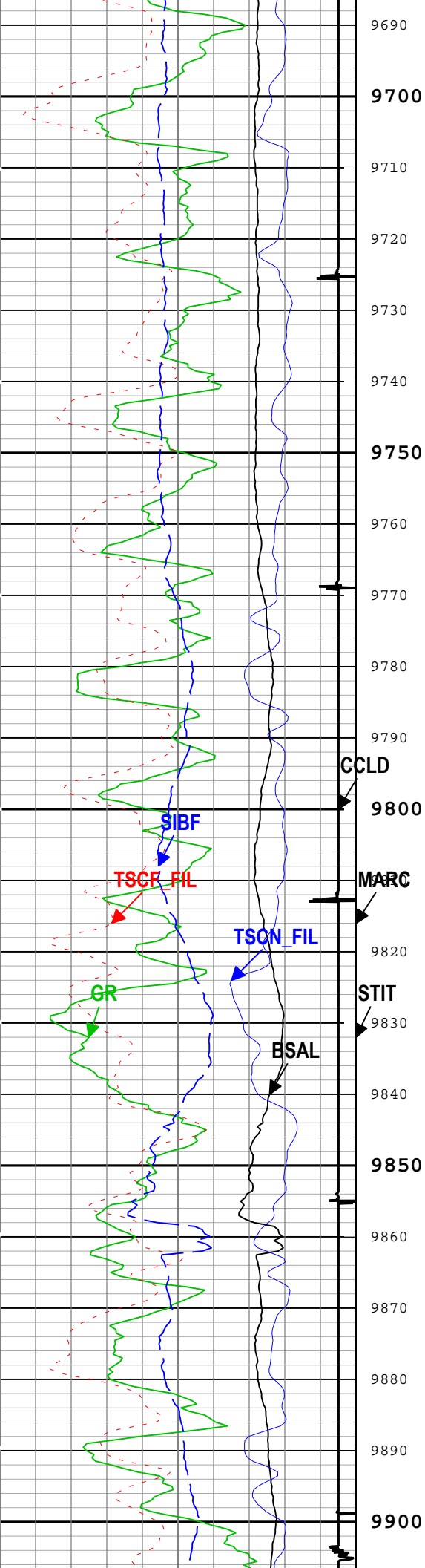
IHV - Integrated Hole Volume every 100.00 (ft3)

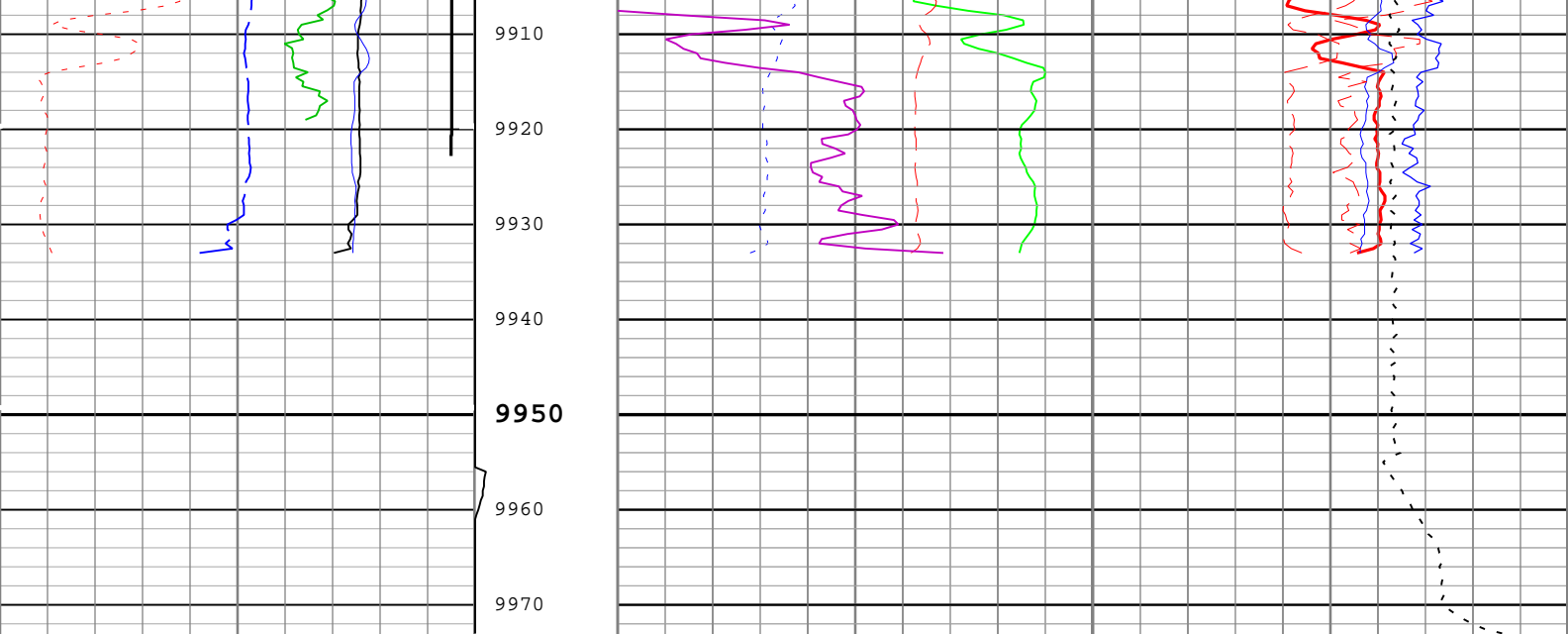
ICV - Integrated Cement Volume every 10.00 (ft3)

ICV - Integrated Cement Volume every 100.00 (ft3)









Borehole Salinity (BSAL) RST-C			Stuck Tool Indicator, Total (STIT)			Formation Sigma (Neutron Capture Cross Section) (SIGM) RST-C		
450	ppk	-50	0	ft	50	60	cu	0
Gamma Ray (GR) PSTP-B			Cable Drag From STIA to STIT			Weighted Inelastic Ratio (WINR_RST) RST-C		
0	gAPI	150	Tool_Tot. Drag From D3T to STIT			0		0.4
Total Selected Count Rate Near Detector Filtered (TSCN_FIL) RST-C			Minitron Arc Count (MARC) RST-C			Inelastic Ratio Filtered (IRAT_FIL) RST-C		
30000	1/s	0	0	5		0.75		0
Total Selected Count Rate Far Detector Filtered (TSCF_FIL) RST-C						Capture to Inelastic Ratio Near Filtered (CIRN_FIL) RST-C		
12000	1/s	0				2.5		0
Sigma Borehole Fluid (SIBF) RST-C						Capture to Inelastic Ratio Far Filtered (CIRF_FIL) RST-C		
100	cu	0				5		0
CCL Discriminated Amplitude (CCLD) PSTP-B						Near Detector Effective Unregulated Capture Count Rate (RSCN_RST) RST-C		
-19	V	1				45		0
						Far Detector Effective Unregulated Capture Count Rate (RSCF_RST) RST-C		
						45		0
						Cable Tension (TENS)		
						5000	lbf	0

—ICV - Integrated Cement Volume every 100.00 (ft3)

—ICV - Integrated Cement Volume every 10.00 (ft3)

—IHV - Integrated Hole Volume every 100.00 (ft3)

—IHV - Integrated Hole Volume every 10.00 (ft3)

—TIME\_1900 - Elapsed time since midnight, 30 December 1899 every 60.00 (s)

TIME\_1900 - Time Marked every 60.00 (s)

Description: RST SIGMA Answer    Format: Log ( RST SIGMA Answer )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 08-Sep-2018 22:19:21

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	

DC_MODE	Depth Correction Mode	DepthCorrection	Real-time	
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
MATR	Rock Matrix for Neutron Porosity Corrections	Borehole	SANDSTONE	
TD	Total Measured Depth	Borehole	9958	ft

Tool Control Parameters	
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ONE: Parameters
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Parameter	Description	Tool	Value	Unit
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	150	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-B	24 dB	
RST_DLM	Depth Log Mode	RST-C	Sigma	

Company:	Caerus Operating LLC	Schlumberger
Well:	NPR 12A-10 596	
Field:	NPR	
County:	Garfield	
State:	Colorado	
Cement Bond Log		
RST Sigma Log		
Gamma Ray - Collar Locator Log		