

Company: CAERUS OIL & GAS LLC

Well: NPR 24A-3 596

Field: NPR

County: GARFIELD State: COLORADO

CEMENT BOND LOG

RST SIGMA LOG

GAMMA RAY - COLLAR LOCATOR LOG

County: GARFIELD
Field: NPR
Location: NPR A03 596 PAD
Well: NPR 24A-3 596
Company: CAERUS OIL & GAS LLC

Location:	NPR A03 596 PAD	Elev.:	K.B.	8361.00 ft
	SE 1/4 NE 1/4		G.L.	8331.00 ft
	SEC 3, T5S, R96W		D.F.	8361.00 ft
	Permanent Datum:	Ground Level	Elev.:	8331.00 f
Log Measured From:		Kelly Bushing	30.00 ft	above Perm.Datum
Drilling Measured From:		Kelly Bushing		
API Serial No.	Section:	Township:	Range:	
5045239990000	3	55	96W	

Logging Date 19-Apr-2019

Run Number ONE

Depth Driller 11452.00 ft

Schlumberger Depth 11386.00 ft

Bottom Log Interval 11386.00 ft

Top Log Interval 2000.00 ft

Casing Fluid Type Water

Salinity

Density 8.4 lbm/gal

Fluid Level 8.00 ft

BIT/CASING/TUBING STRING

Bit Size 8.75 in

From 2843.40 ft

To 11452.00 ft

Casing/Tubing Size 4.5 in

Weight 11.6 lbm/ft

Grade P110

From 0.00 ft

To 11438.10 ft

Max Recorded Temperatures 276 degF

Logger on Bottom 19-Apr-2019 22:56:00

Unit Number 2801 Location: BEATRIZ GUATTA EVANSTON,WY

Recorded By ED KOENIG

Disclaimer

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Contents

- Header
- Disclaimer
- Contents
- Well Sketch
- Borehole Size/Casing/Tubing Record
- Remarks and Equipment Summary
- Depth Summary
- ONE CBL-VDL MAIN PASS [5:100]
 - Integration Summary
 - Software Version
 - Composite Summary
 - Log (Sonic CBL with VDL)
 - Parameter Listing
- ONE RST REPEAT PASS [5:100]
 - Integration Summary
 - Software Version
 - Composite Summary

- Parameter Listing
- ONE RST REPEAT PASS [5:100]
 - Integration Summary
 - Software Version
 - Composite Summary
 - Log (RST SIGMA Answer)
 - Parameter Listing
- Tail

9.4 Log (RST SIGMA Answer)

9.5 Parameter Listing

10. ONE CBL-VDL REPEAT PASS [5:100]

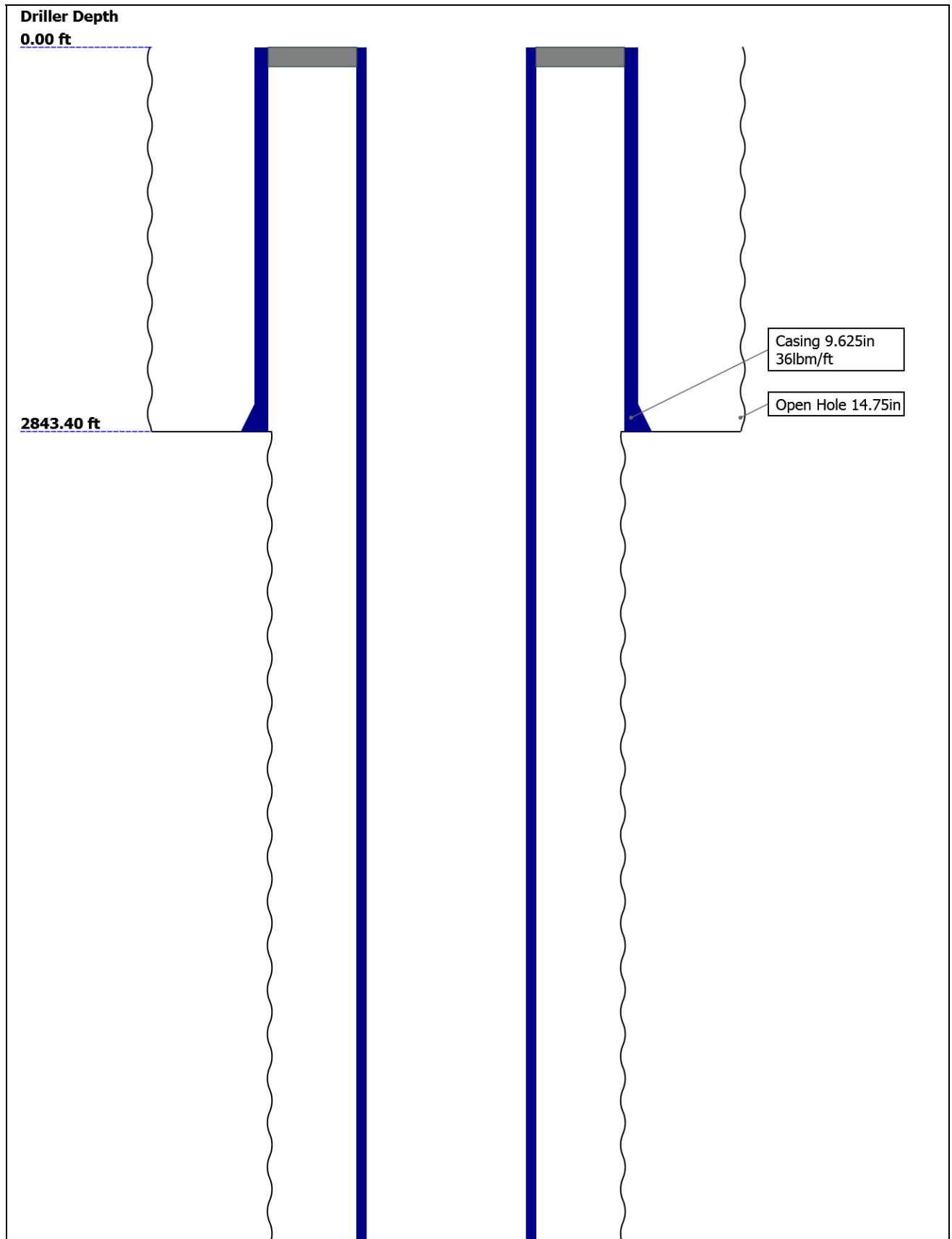
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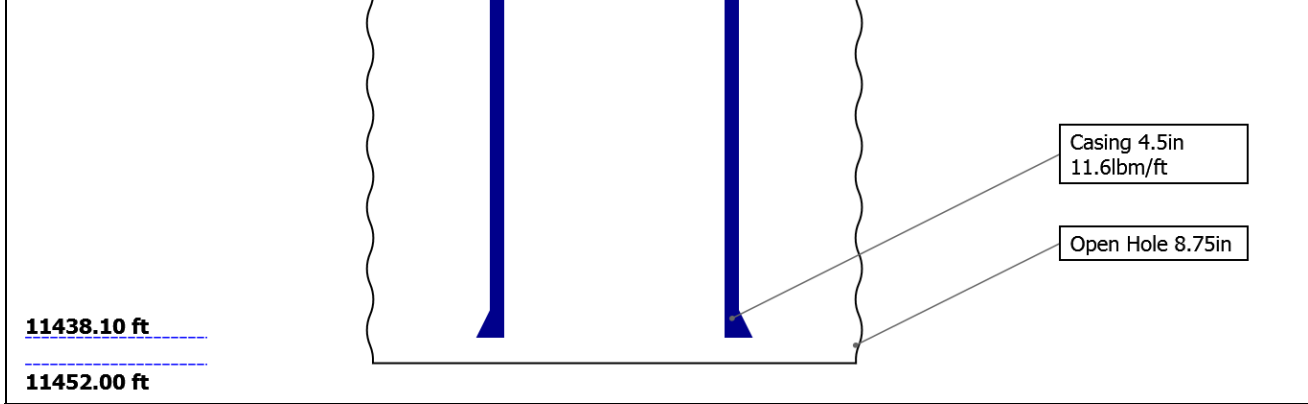
10.2 Software Version

10.3 Composite Summary

10.4 Log (Sonic CBL with VDL)

Well Sketch





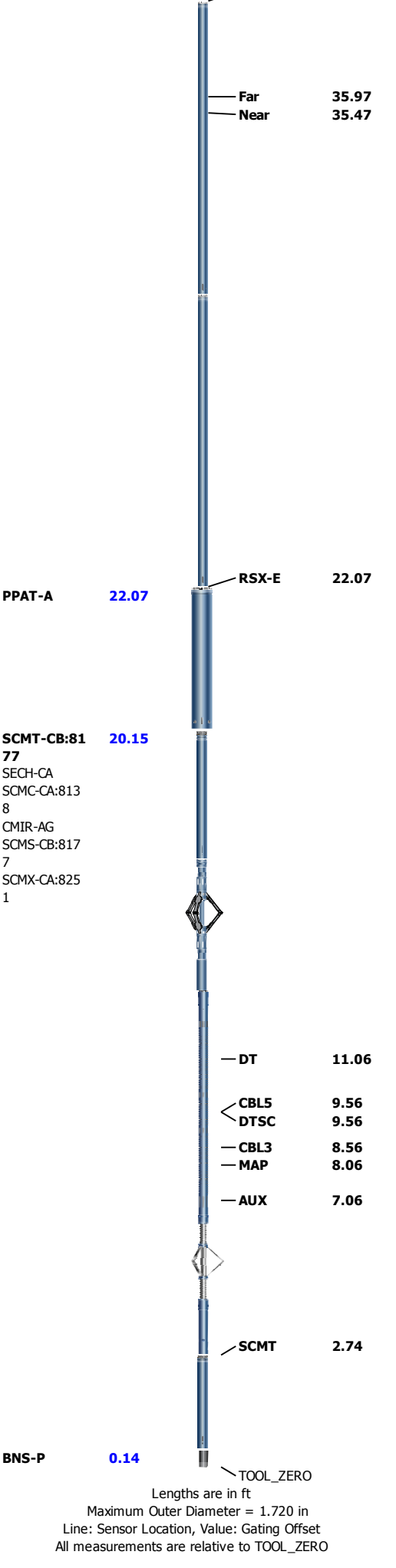
11438.10 ft
11452.00 ft

Borehole Size/Casing/Tubing Record

Bit						
Bit Size (in)	14.75	8.75				
Top Driller (ft)	0	2843.4				
Top Logger (ft)	0	2843.4				
Bottom Driller (ft)	2843.4	11452				
Bottom Logger (ft)	2843.4	11452				
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)	2843.4	11438.1				
Bottom Logger (ft)	2843.4	11438.1				

Remarks and Equipment Summary

ONE: Toolstring				ONE: Remarks
Equip name	Length	MP name	Offset	THANK YOU FOR CHOOSING SCHLUMBERGER! TOOLSTRING RUN AS PER TOOLSKETCH. RST MODE: SIGMA. MATRIX: SANDSTONE. GEMCOS USED FOR TOOL CENTRALIZATION. MAX RECORDED TEMPERATURE: 276DEGF MAX RECORDED PRESSURE: 4716PSI SLB DEPTH: 11386FT CYCLE SKIPPING DUE TO GOOD QUALITY CEMENT.
PEH-E	55.32			
AH-38	53.64			
PSTP-E:821	53.36			
PSC-A		GR	49.65	
PSTC-E:823		PSTC	49.36	
PBMS-E:821		PSTC Tool String Bottom	0.00	
Sapphire 175: 35296		Temperature	46.57	
		Board Temperature	46.45	
		Sapphire Pressure	46.45	
		CCL	45.84	
		PBMS	45.09	
RST-C:227	45.09			
RSCH-A:218				
RSC-E:270				
RSS-A:507				
MNTR-F:1688-51463				
RSXH-A:220				
RSX-E:227				
		RSC-E	38.73	

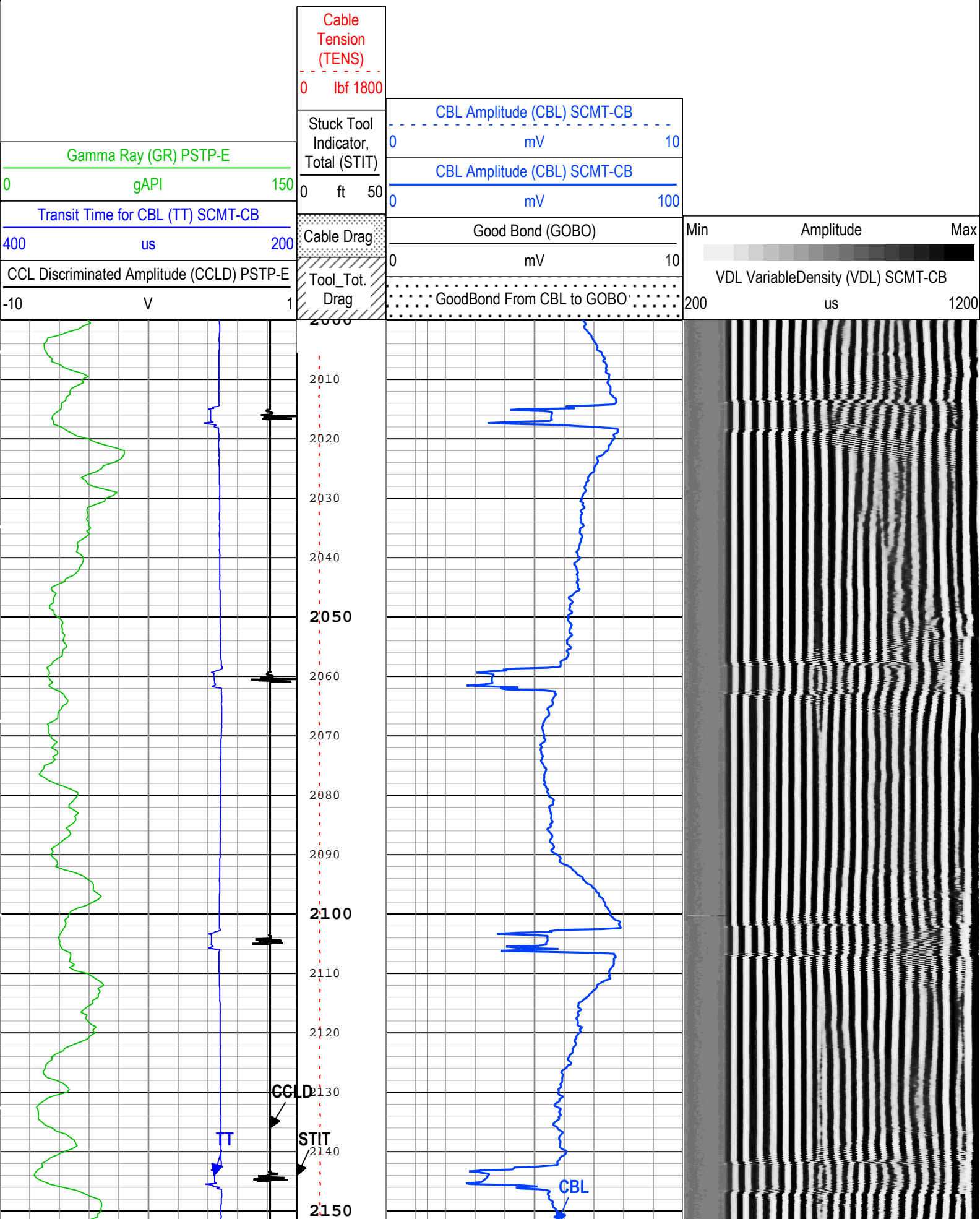


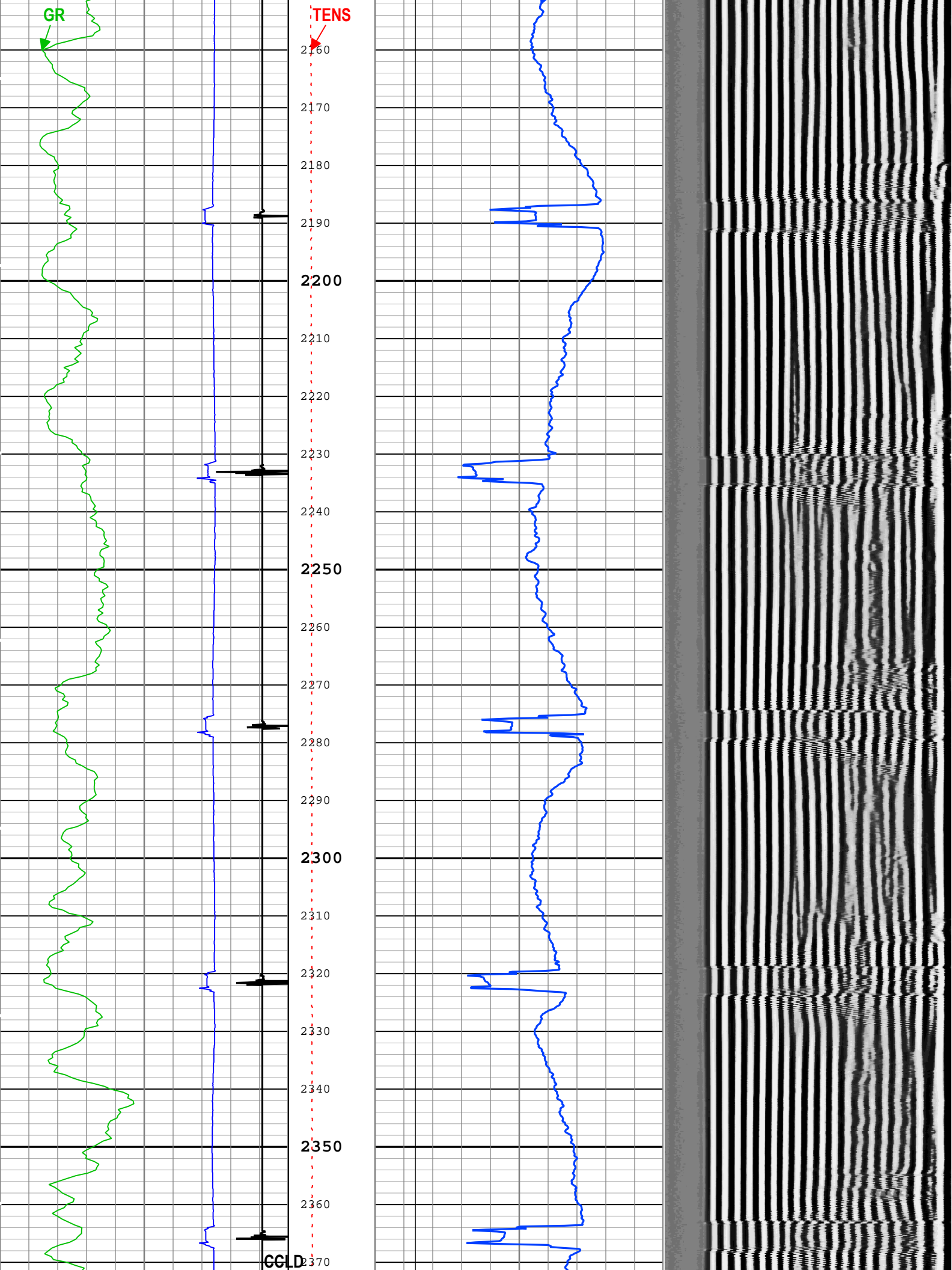
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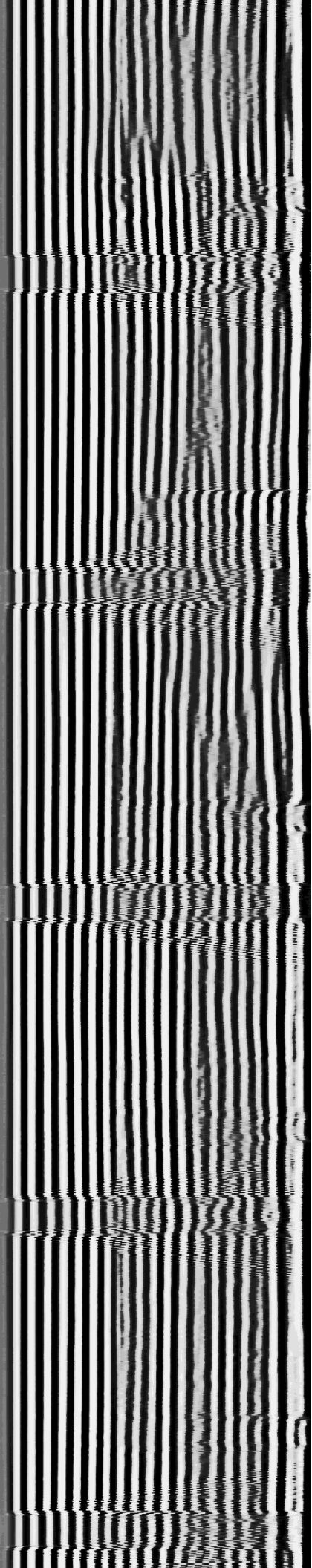
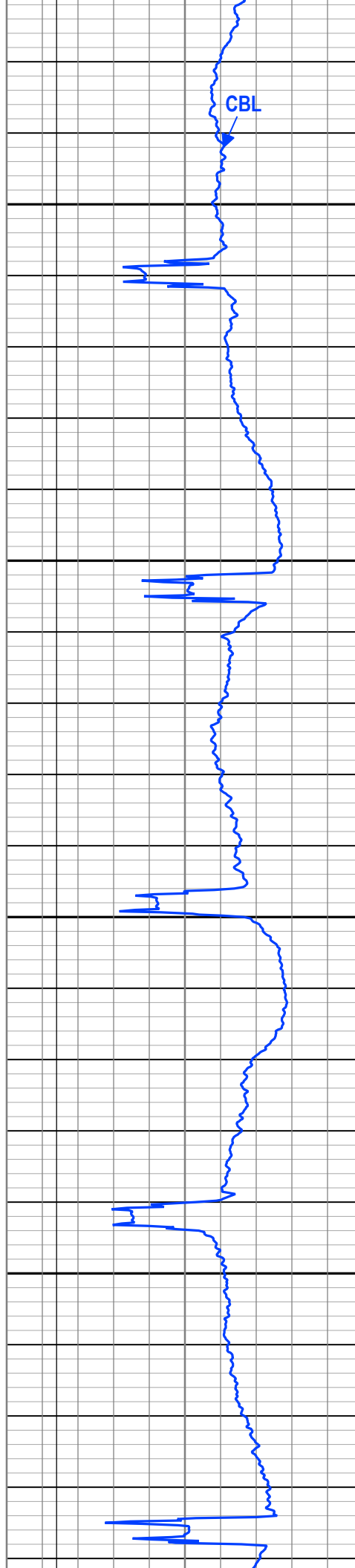
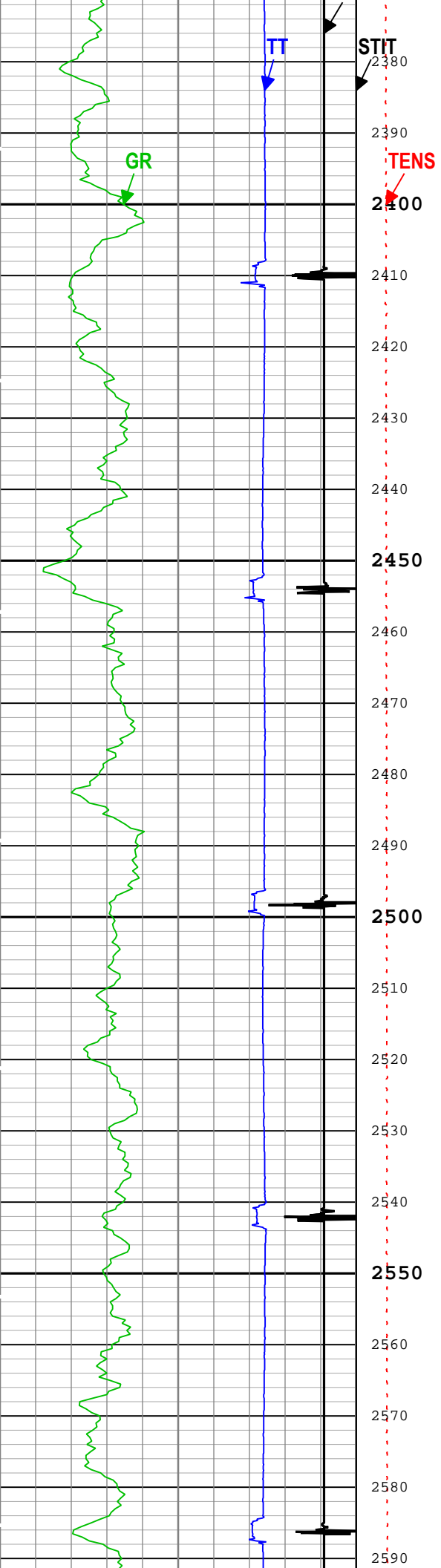
		ONE							
Depth Measuring Device									
Type		IDW-JA							
Serial Number		6495							
Calibration Date		05-FEB-2019							
Calibrator Serial Number		57							
Calibration Cable Type		1-25ZA-XXS							
Wheel Correction 1		-6							
Wheel Correction 2		-5							
Tension Device									
Type		CMTD-B/A							
Serial Number		2733							
Calibration Date		10-FEB-2019							
Calibrator Serial Number		78135A							
Number of Calibration Points		10							
Calibration Root Mean Square Error		13							
Calibration Peak Error		26							
Logging Cable									
Type		1-25ZA-XXS							
Serial Number		F112155							
Length		17000.00 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 POLICES AND PROCEDURES FOLLOWED.				
Rig Up Length At Surface					IDW USED AS PRIMARY DEPTH CONTROL.				
Rig Up Length At Bottom					Z-CHART USED AS SECONDARY DEPTH CONTROL.				
Rig Up Length Correction					LOGS CORRELATED TO DOWN LOG.				
Stretch Correction									
Tool Zero Check At Surface									
ONE									
CBL-VDL MAIN PASS [5:100]									
Software Version									
Acquisition System						Version			
Maxwell 2018 SP2						8.2.104493.3100			
Application Patch						Wireline_Hotfix-Mandatory-2018.2_8.2.108371			
Pass Summary									
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
ONE	Log[4]:Up	Up	2005.37 ft	11400.63 ft	19-Apr-2019 10:32:46 PM	20-Apr-2019 3:40:22 AM	ON	4.17 ft	Yes
All depths are referenced to toolstring zero									
Log	Company:CAERUS OIL & GAS LLC Well:NPR 24A-3 596 ONE: Log[4]:Up:S003								

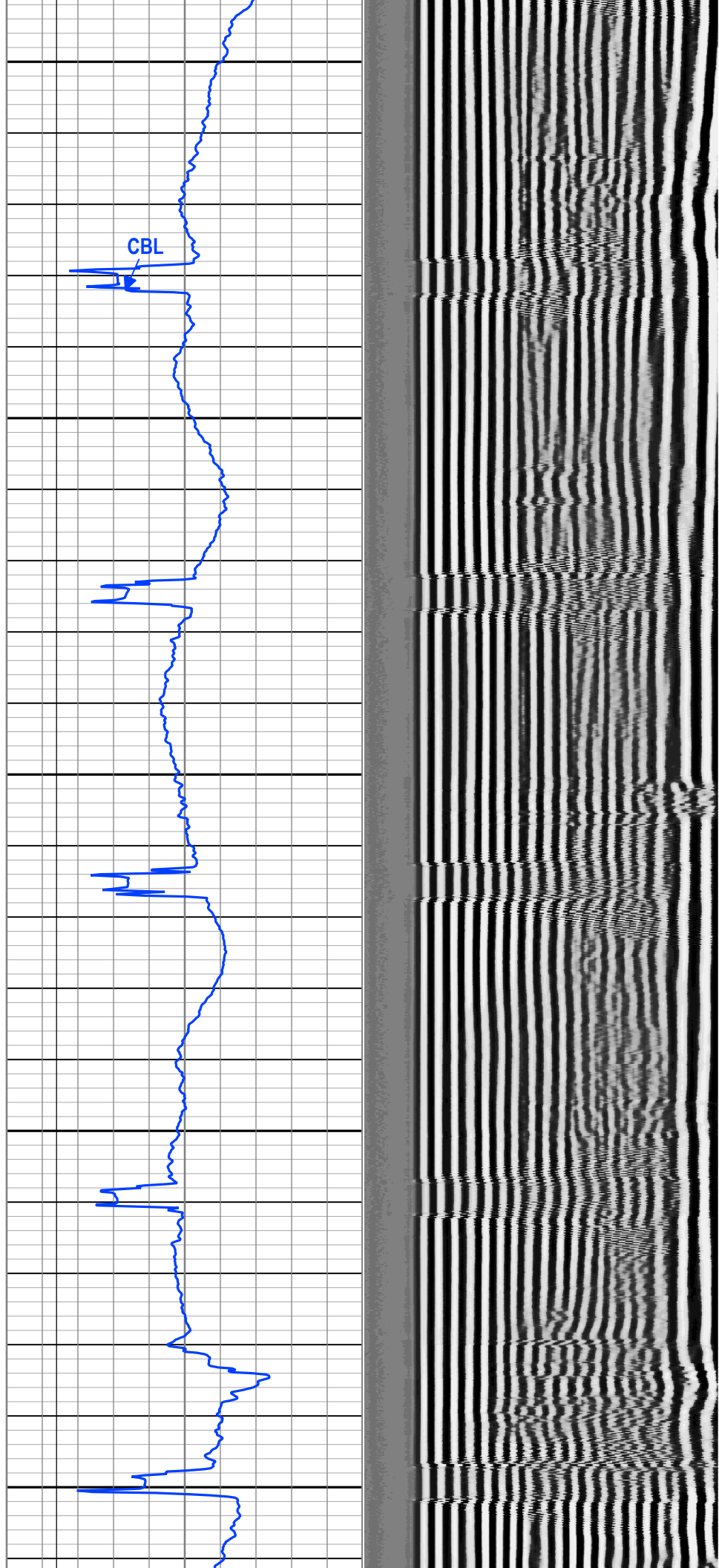
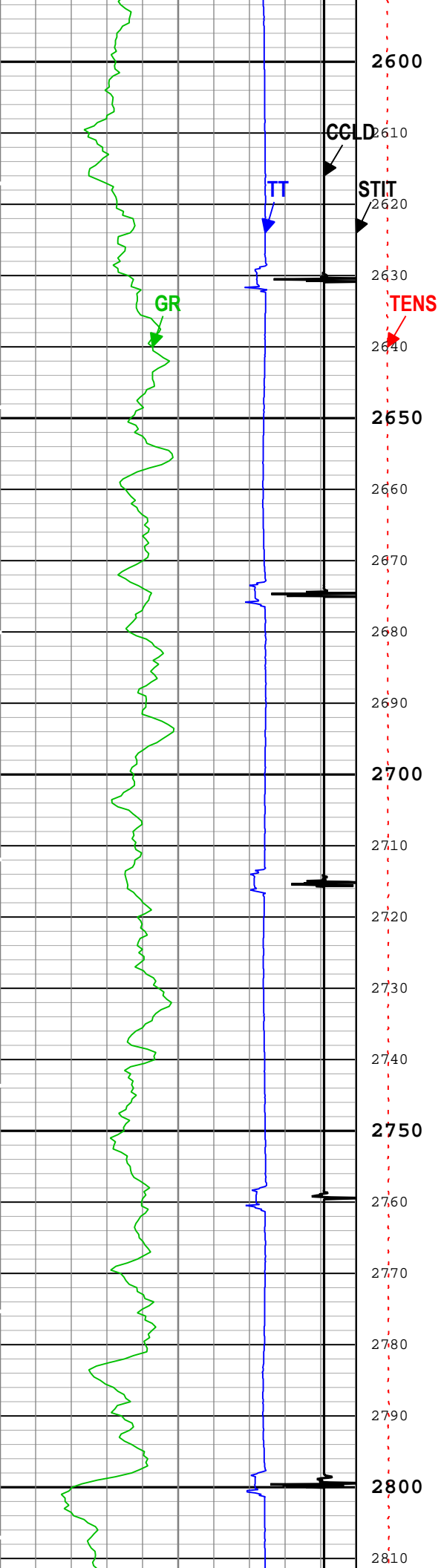
■ BIEP - Bond Index Event Pips SCMT-CB

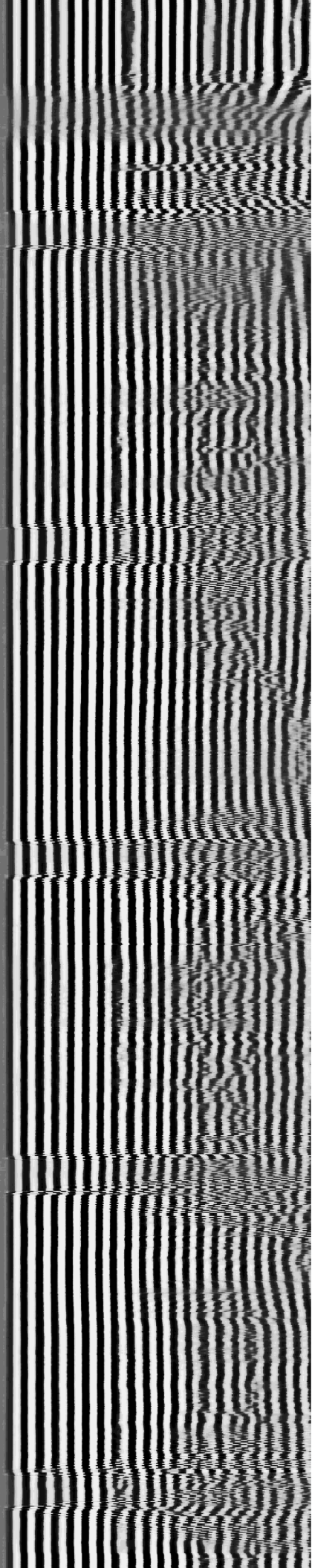
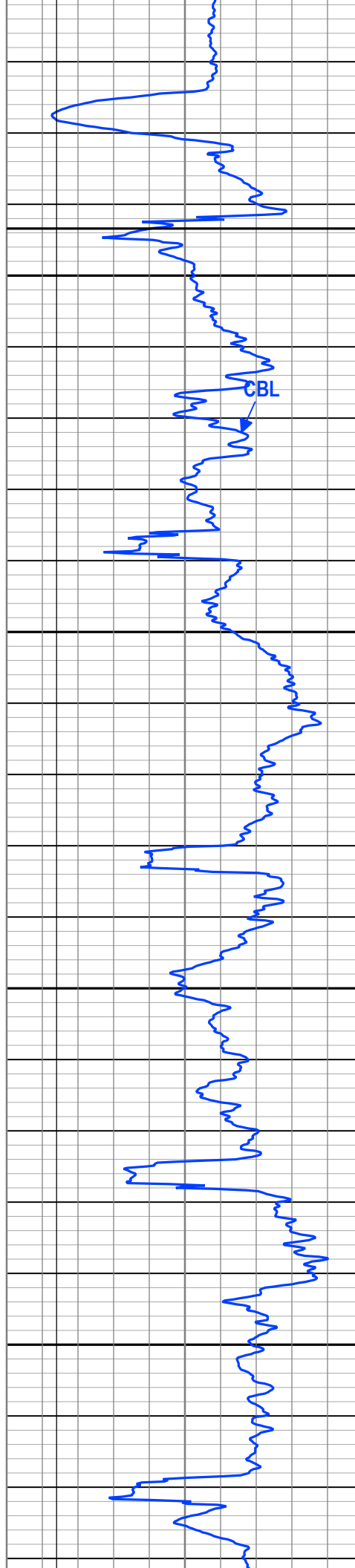
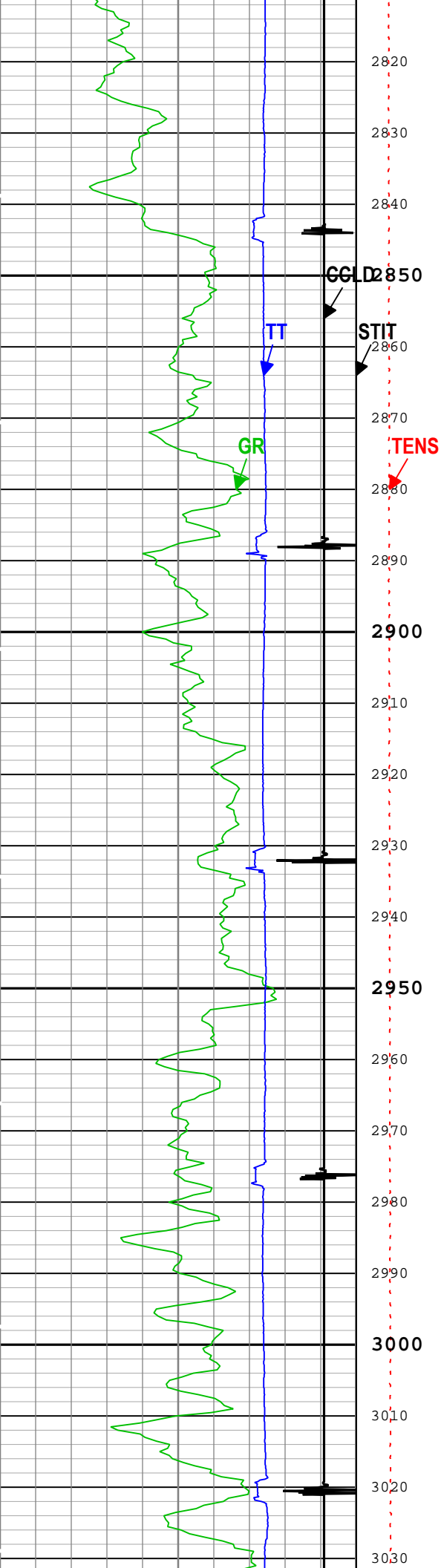
TIME_1900 - Time Marked every 60.00 (s)

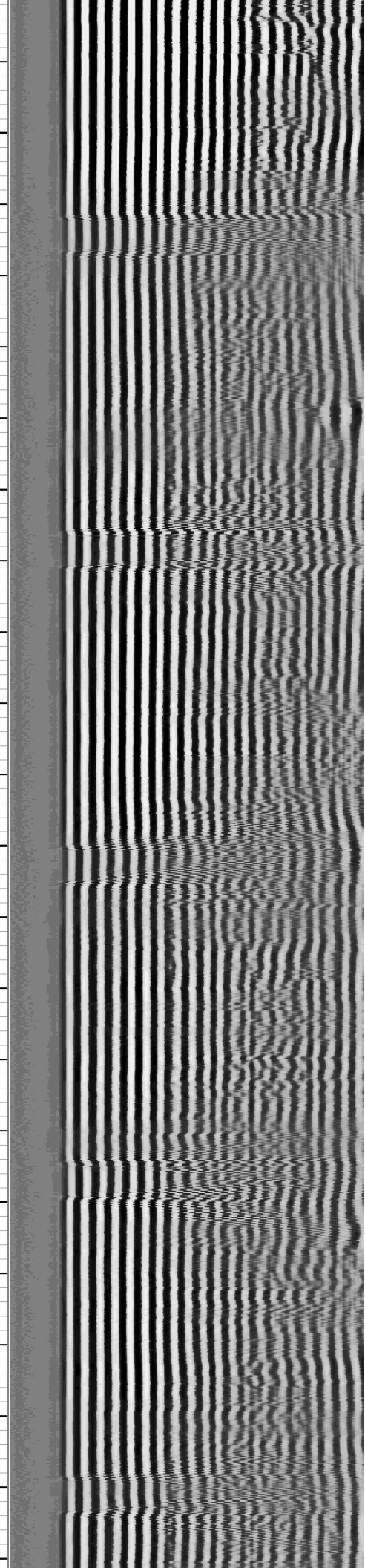
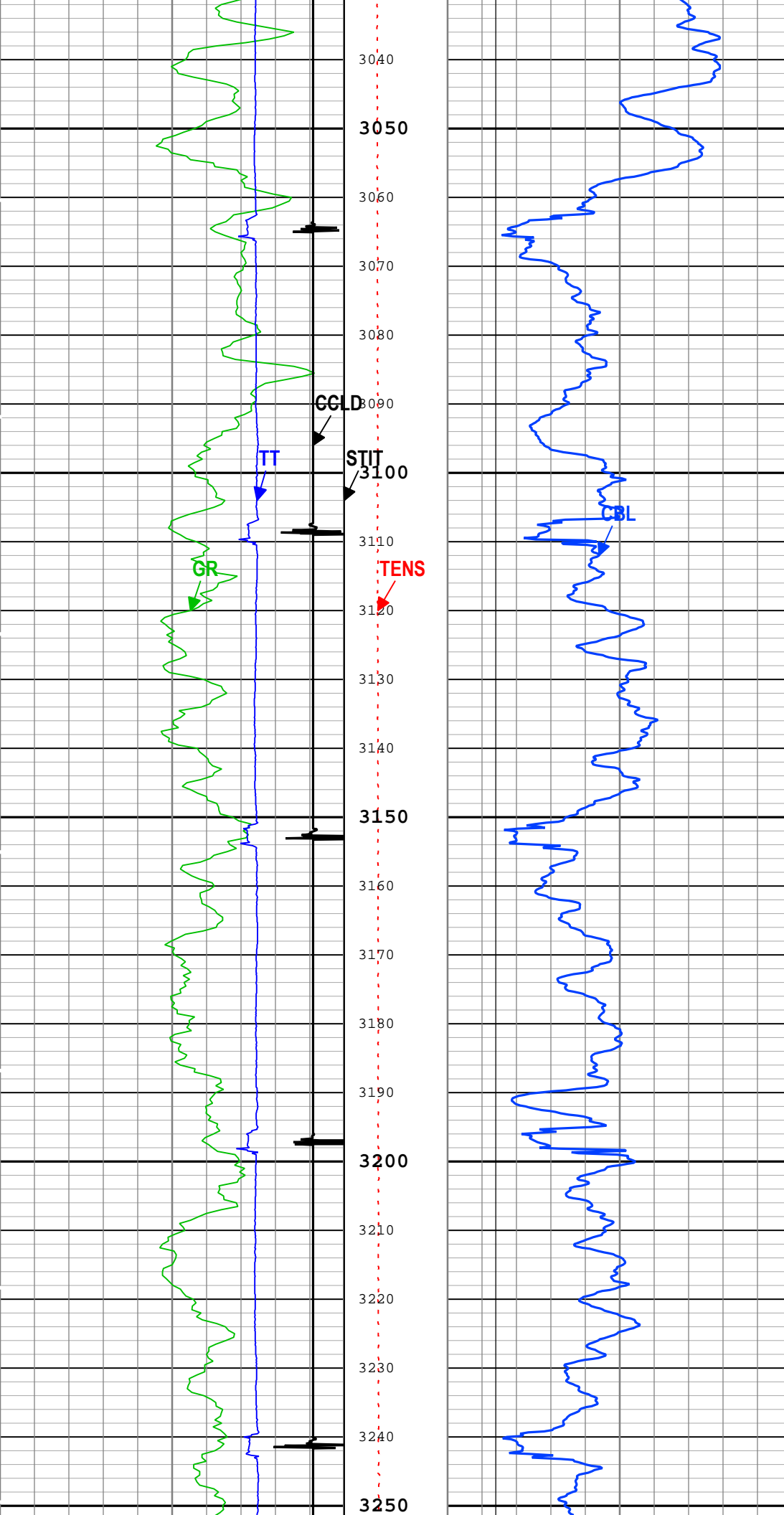


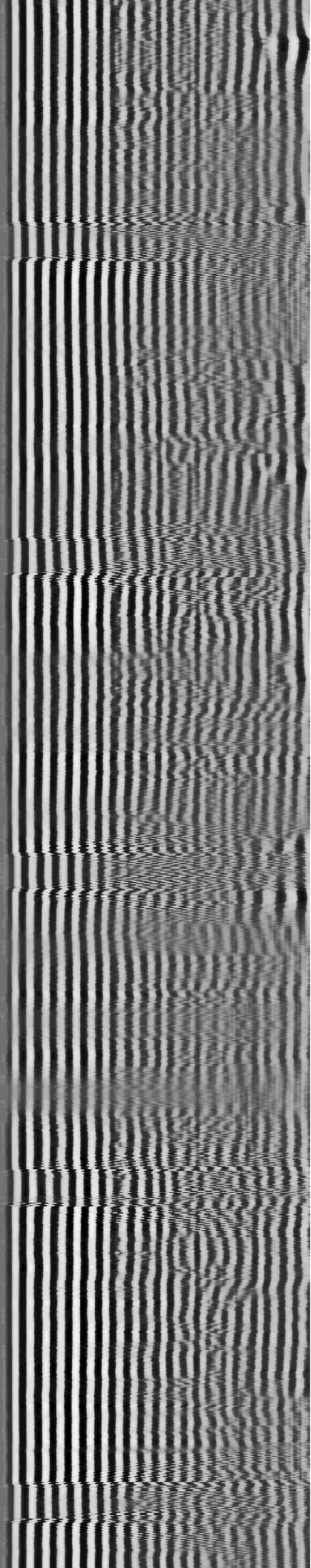
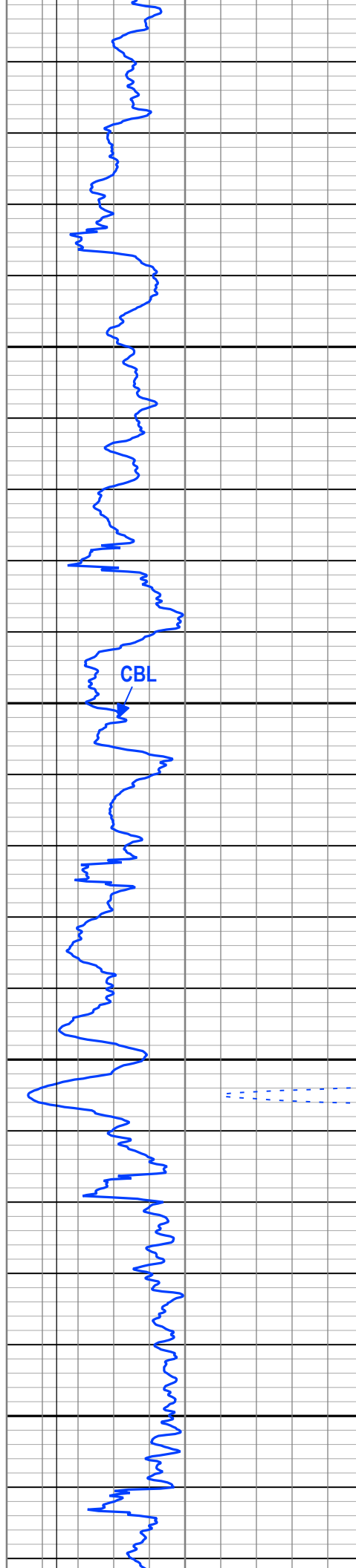
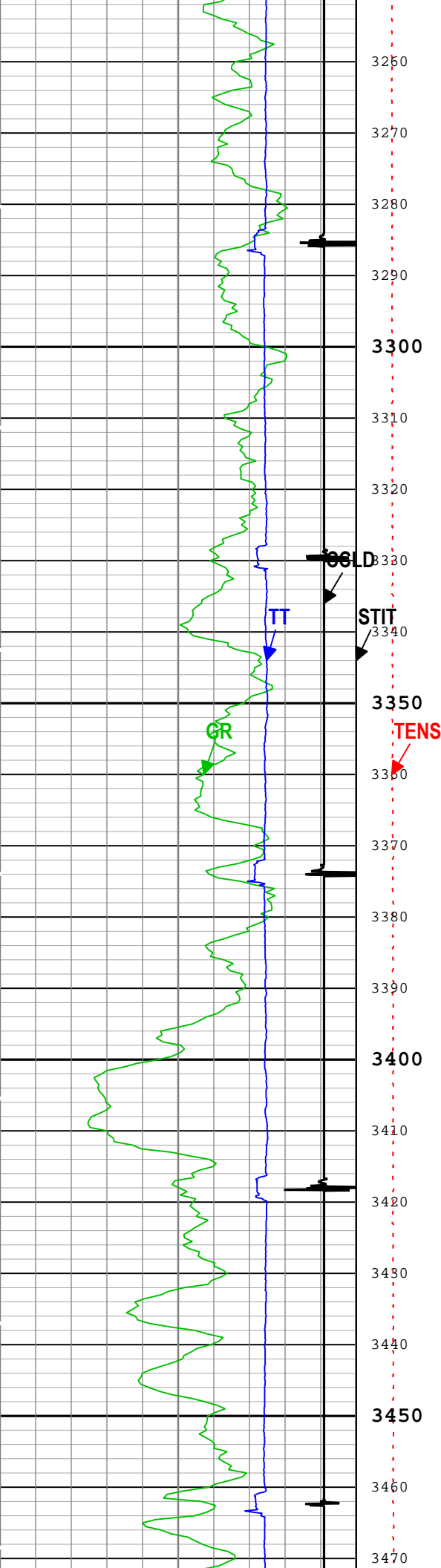


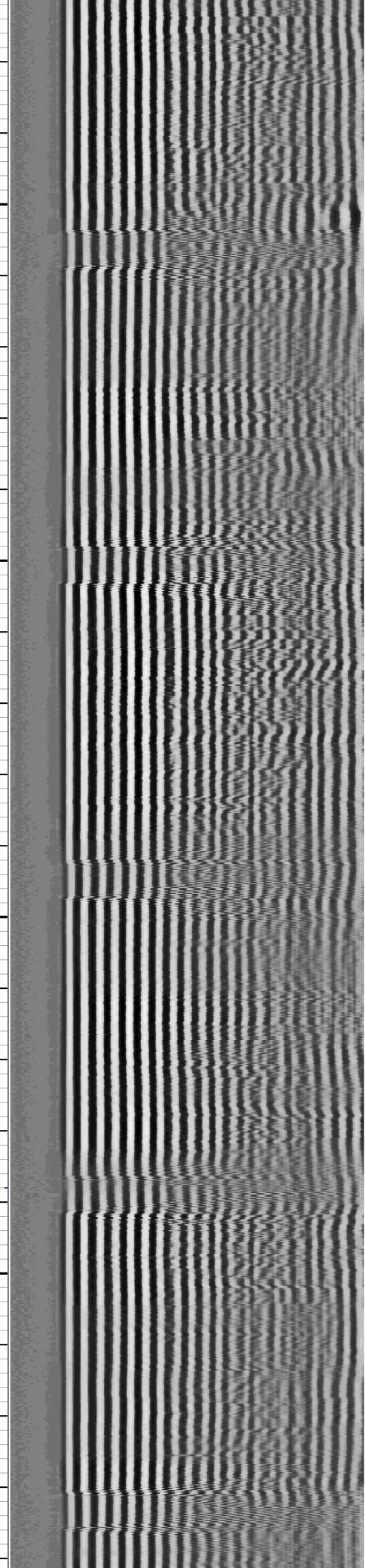
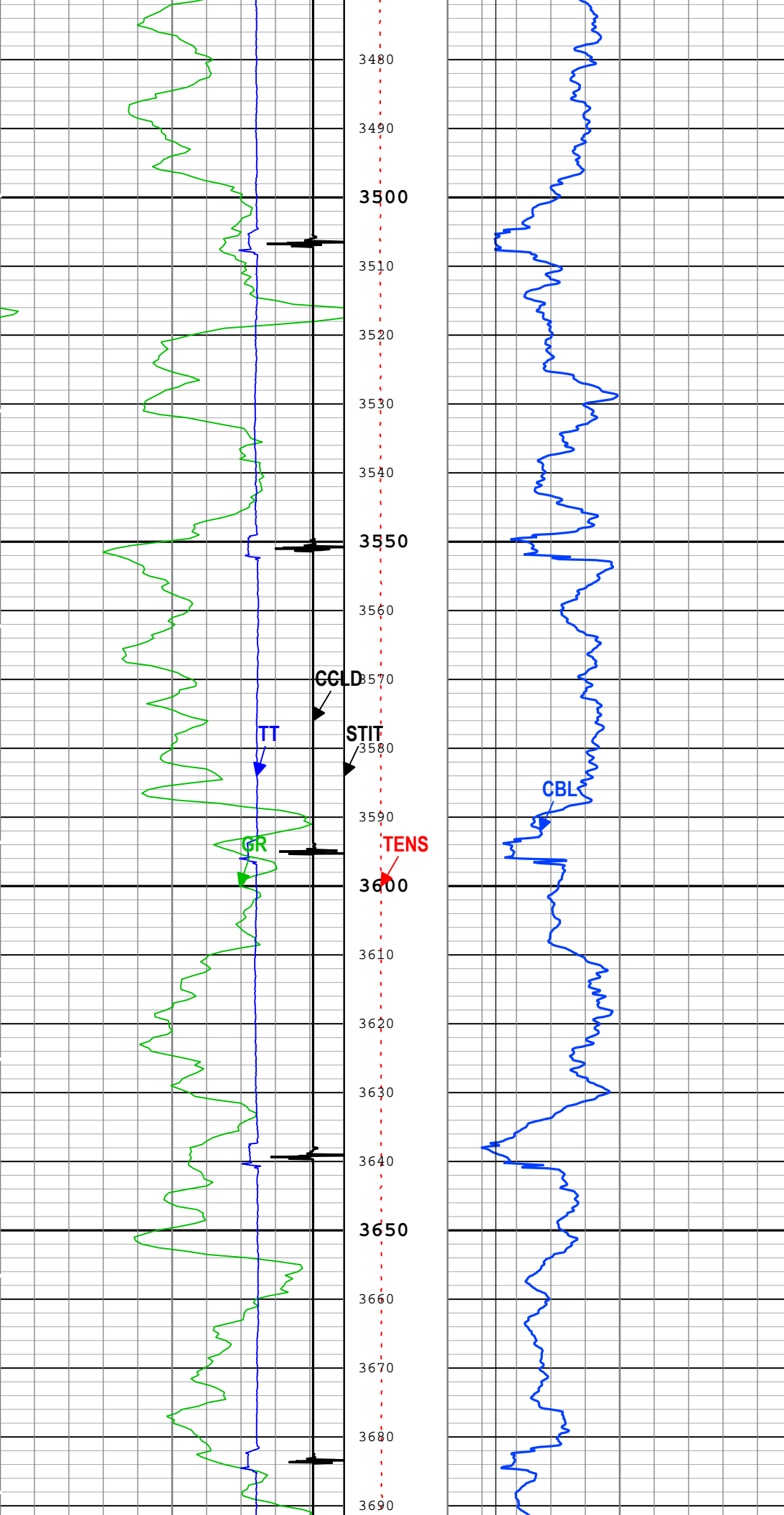


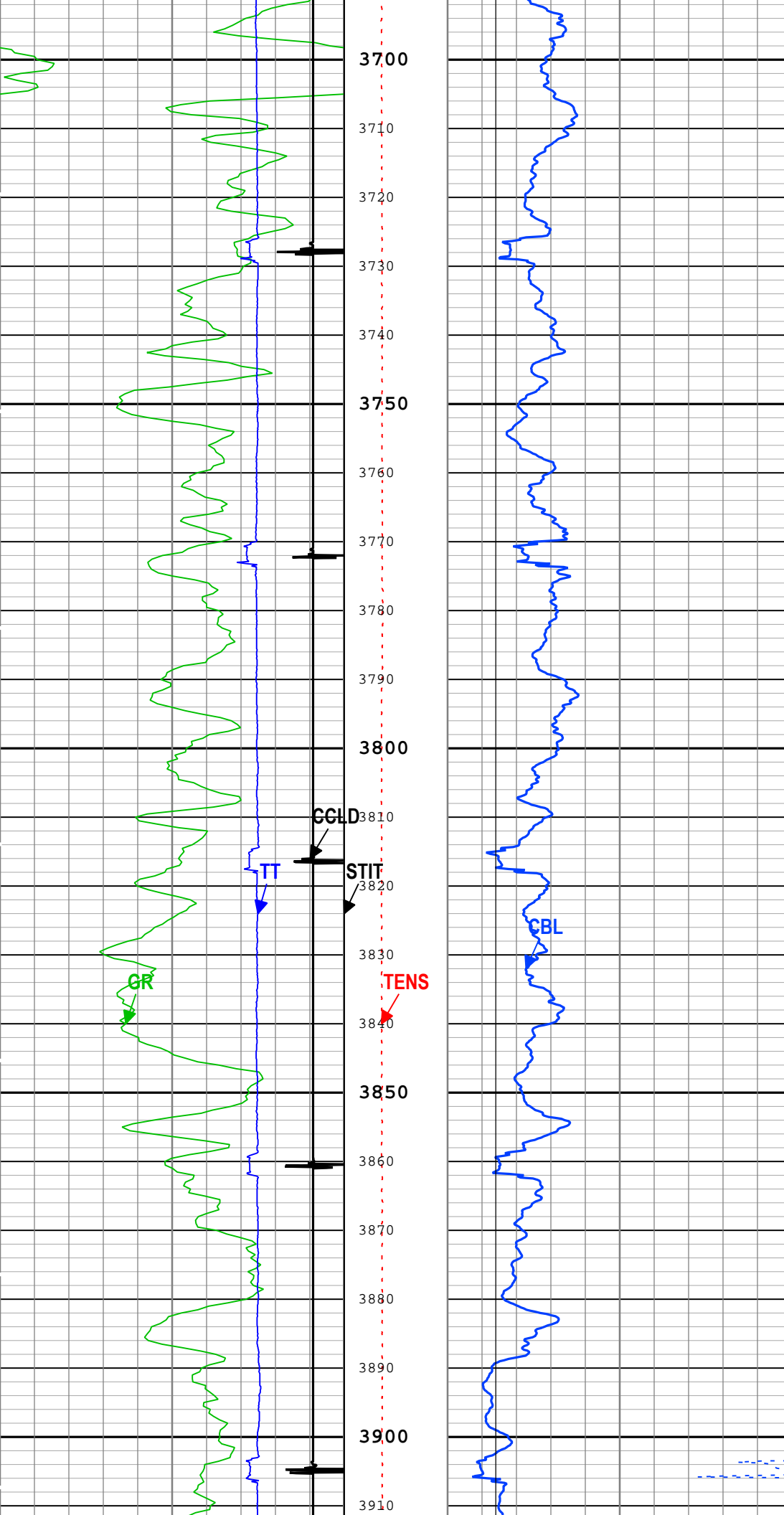


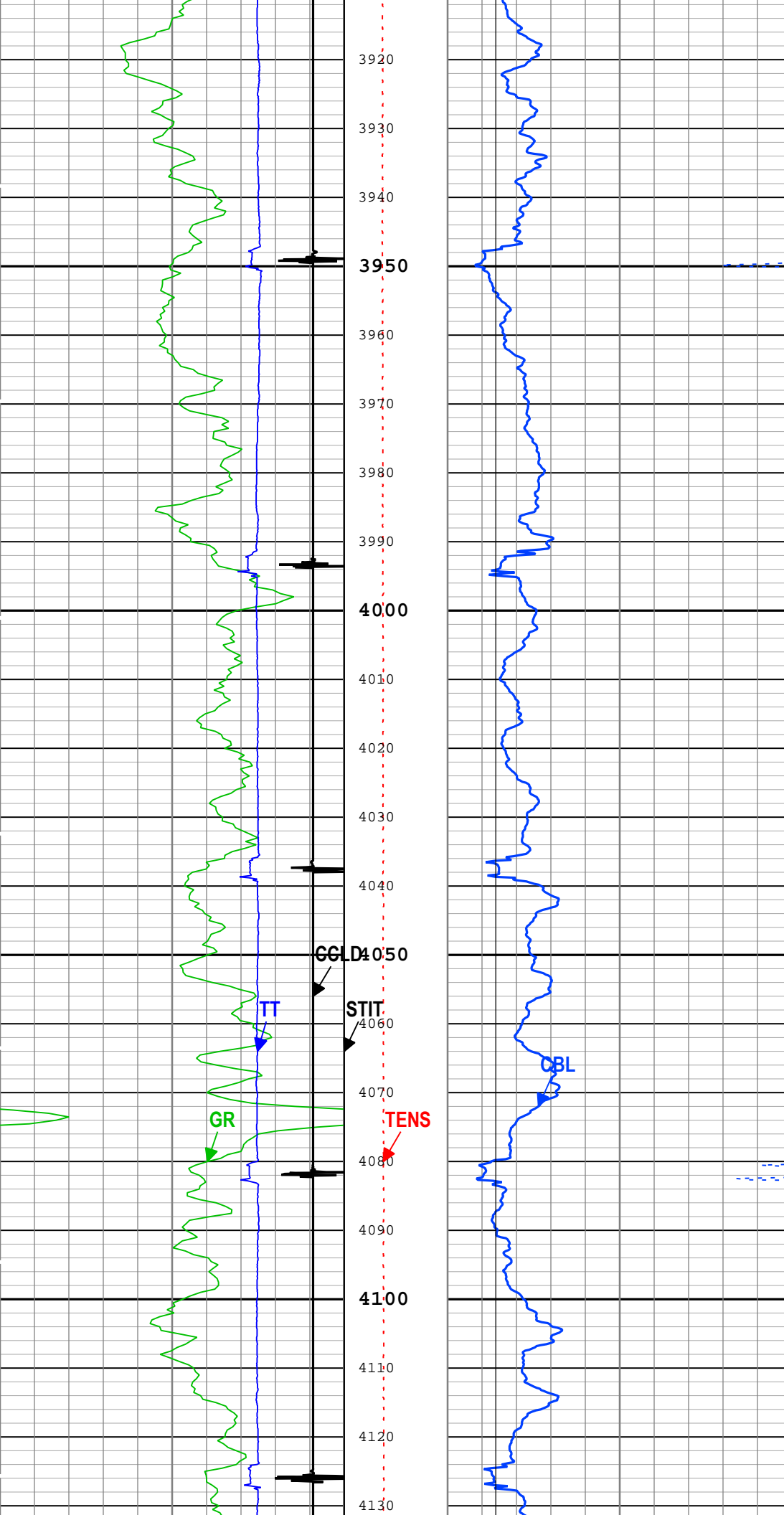


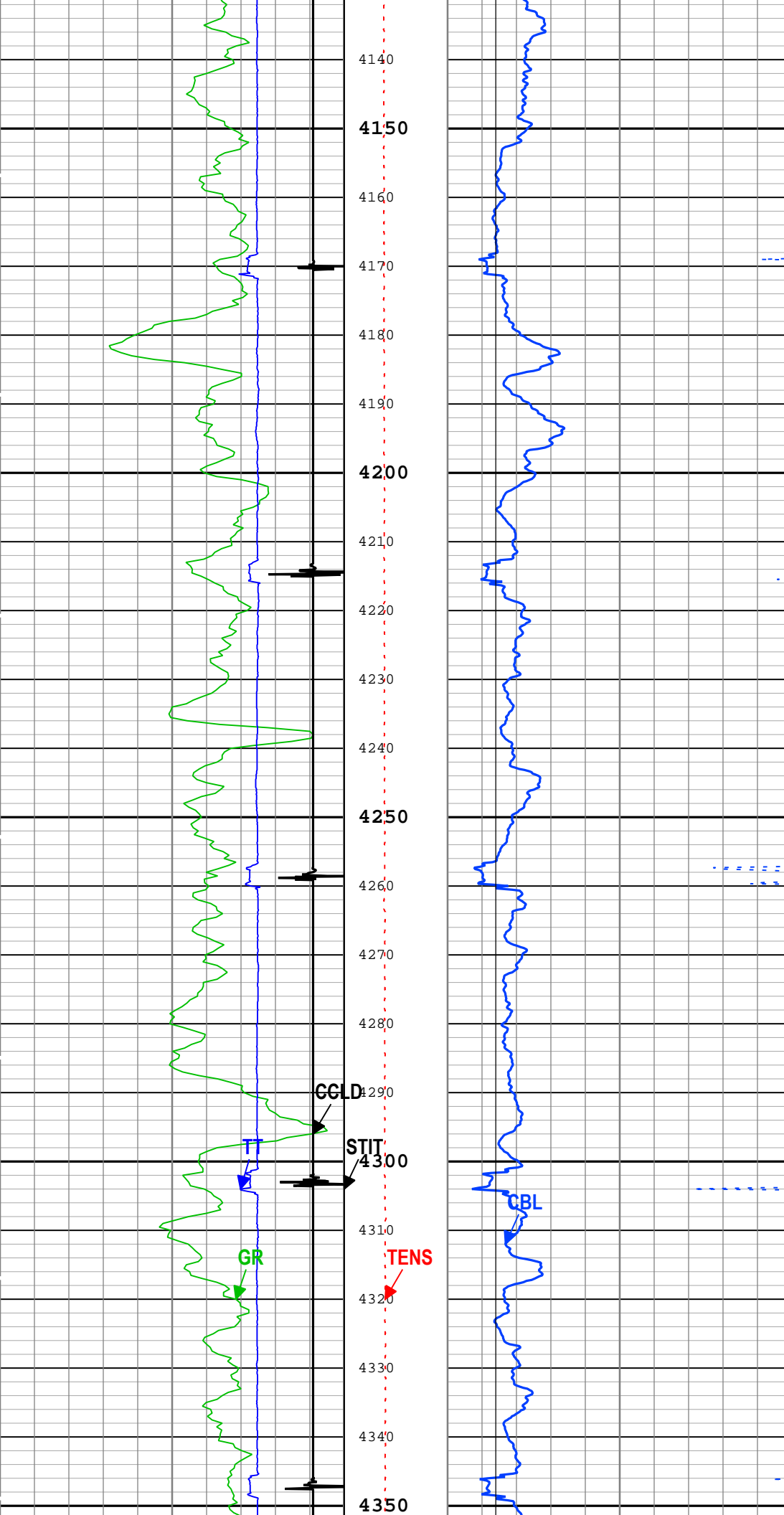


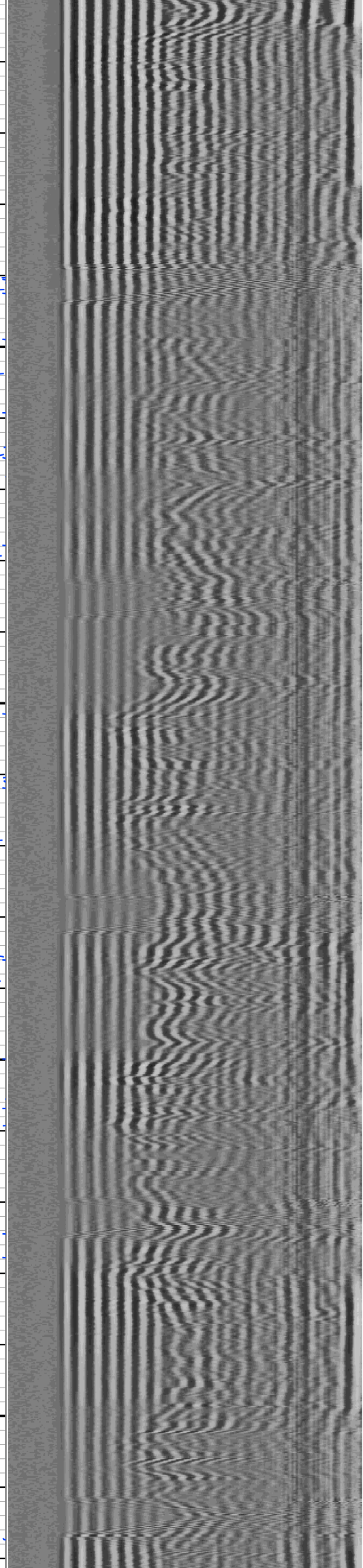
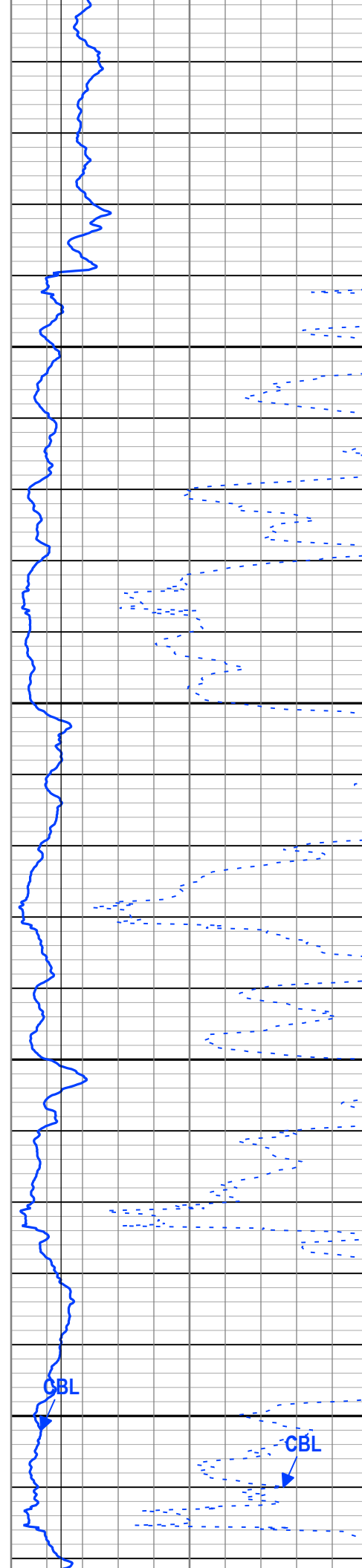
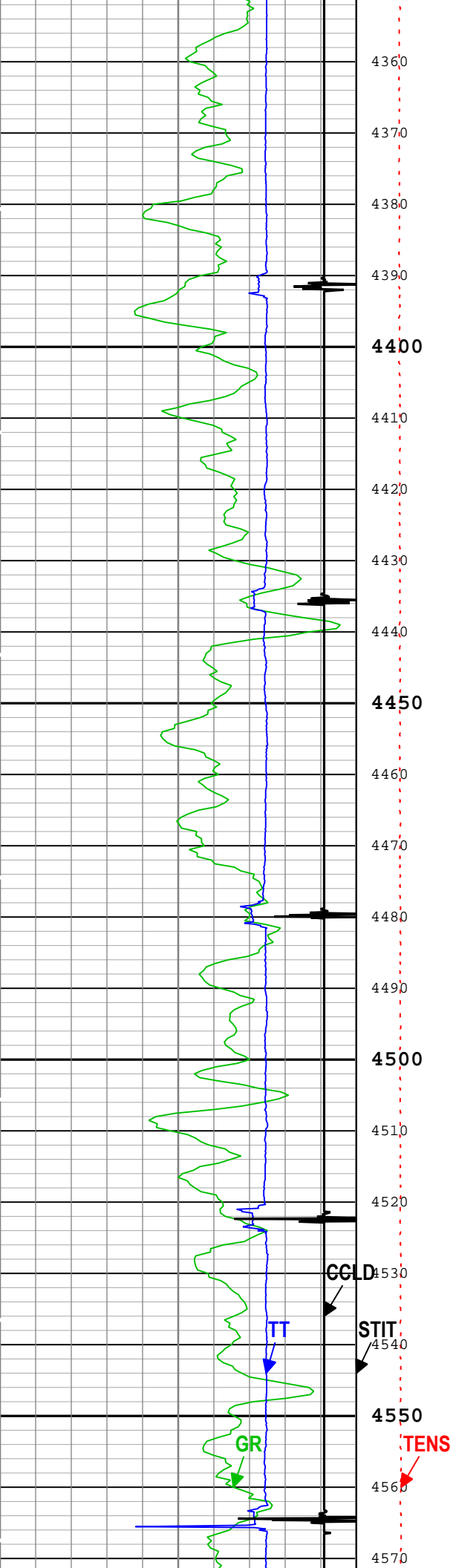


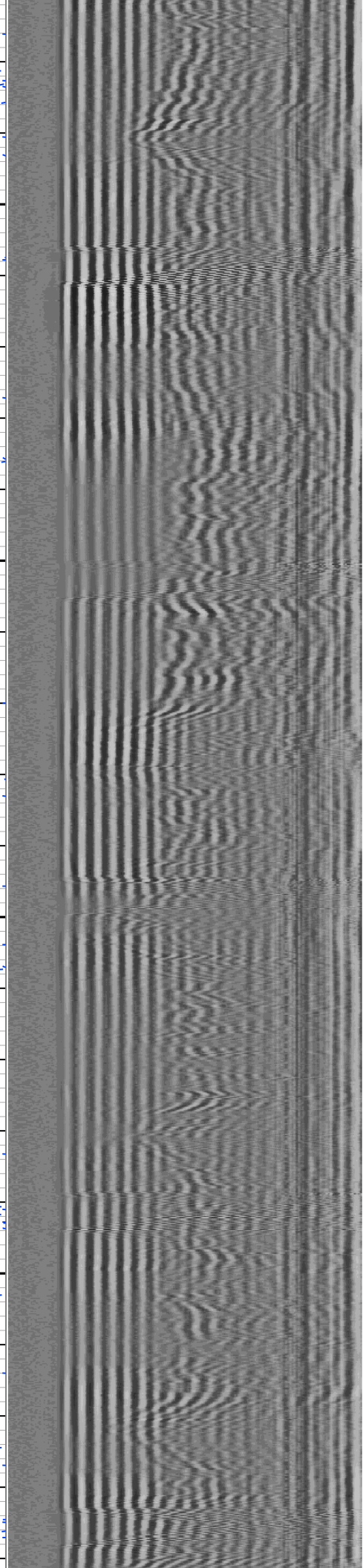
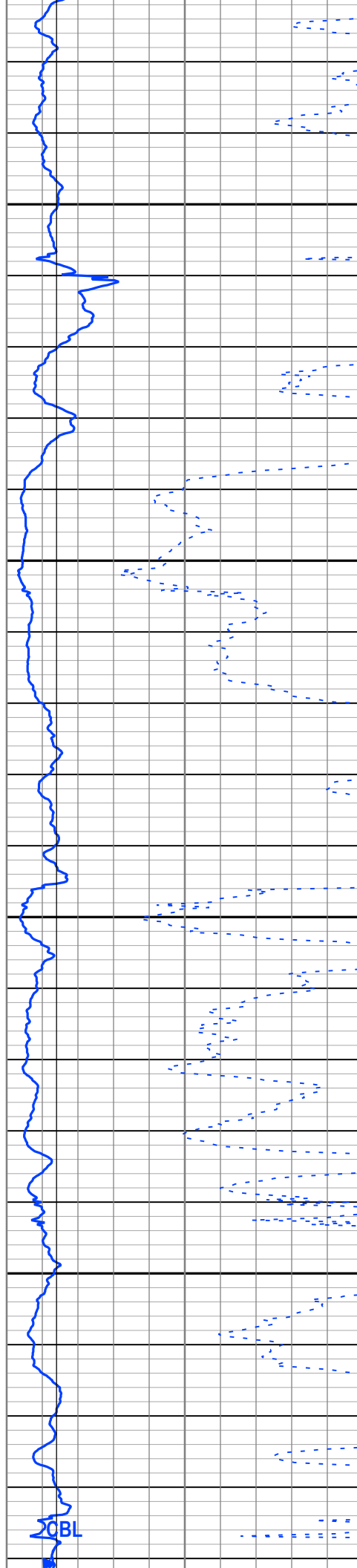
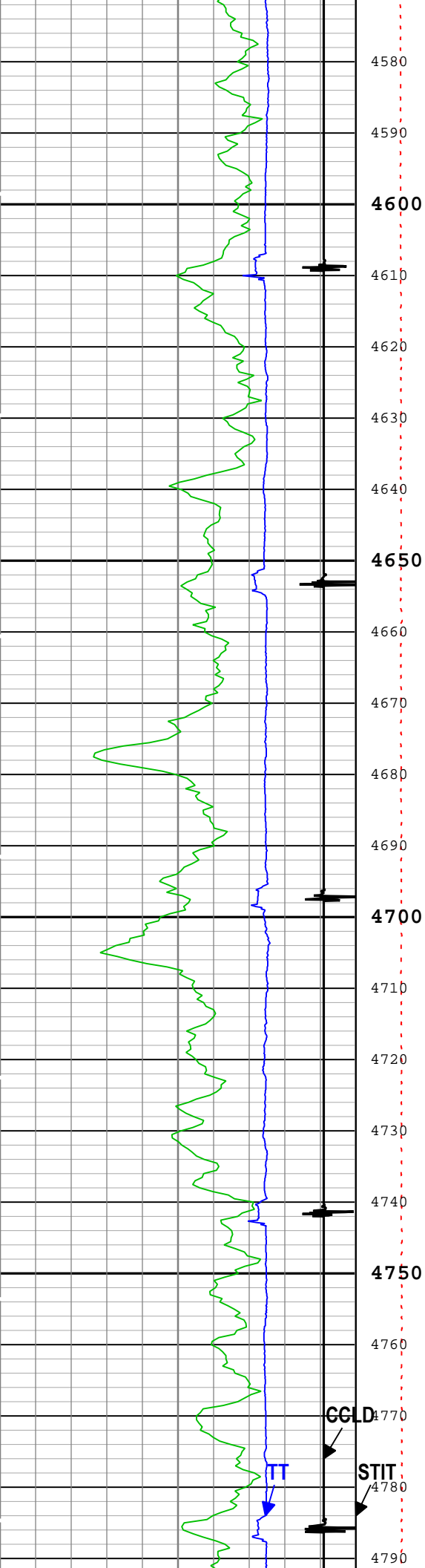


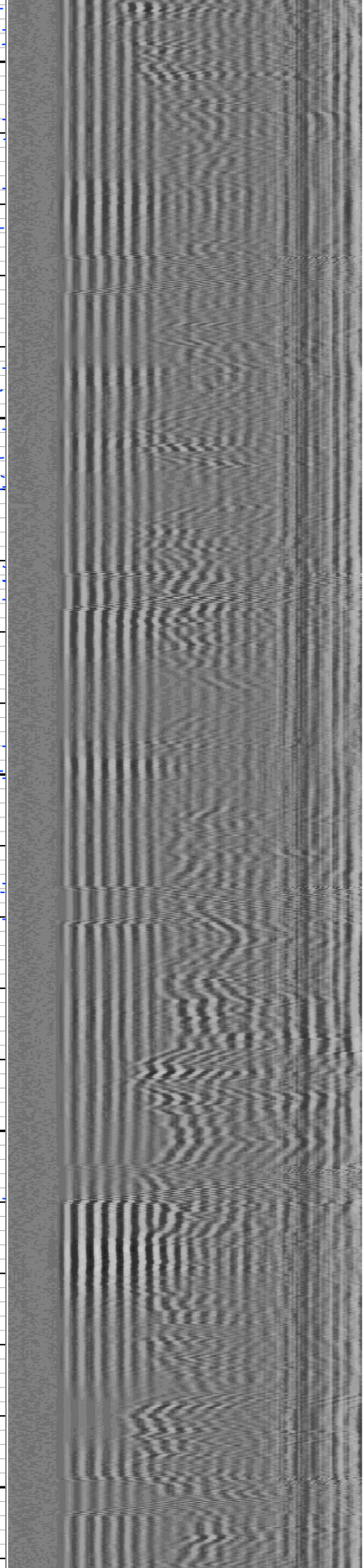
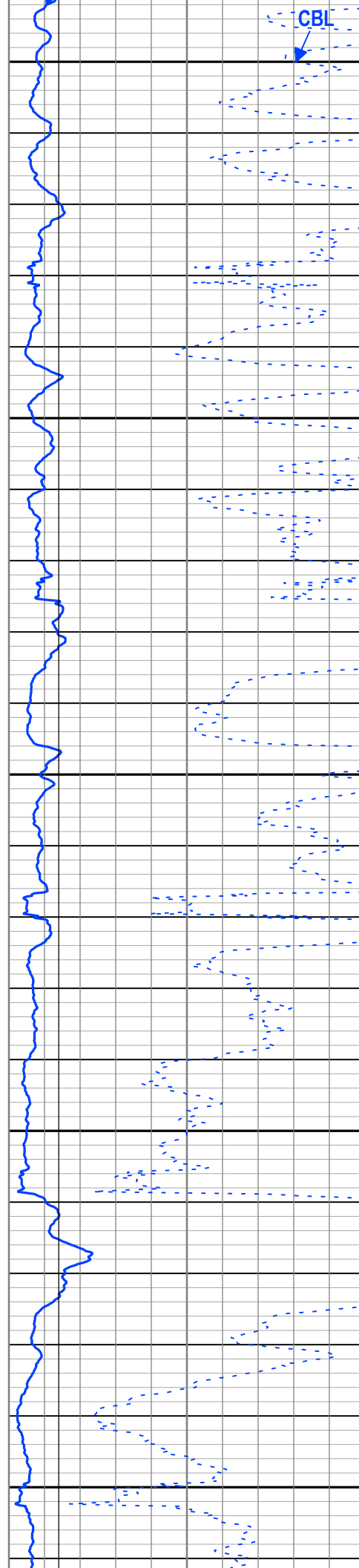
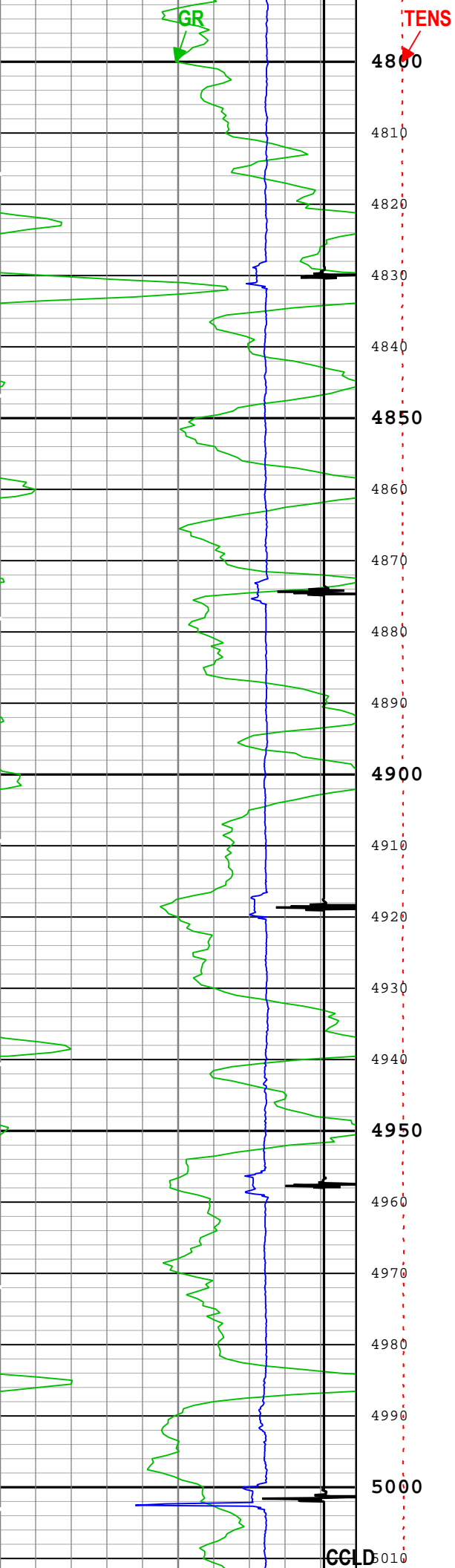


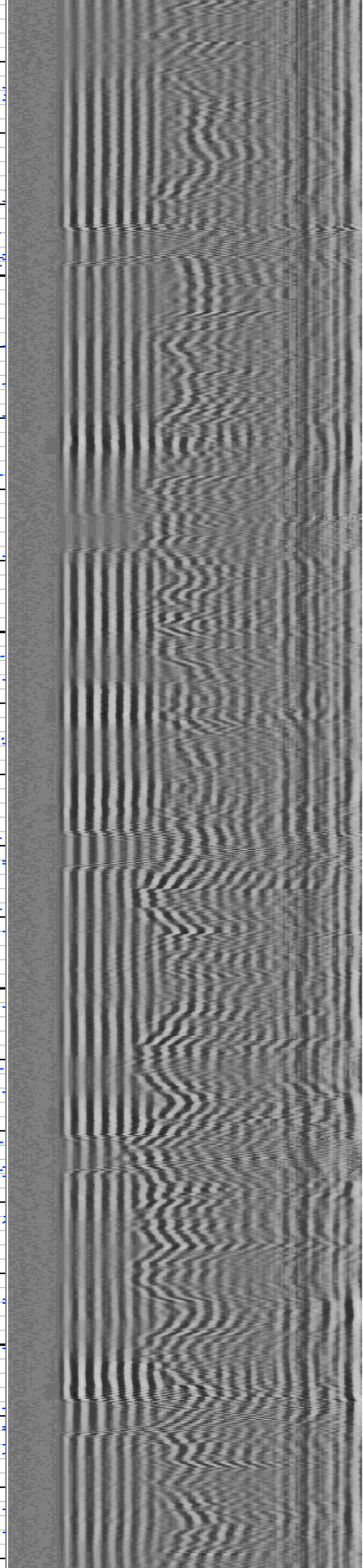
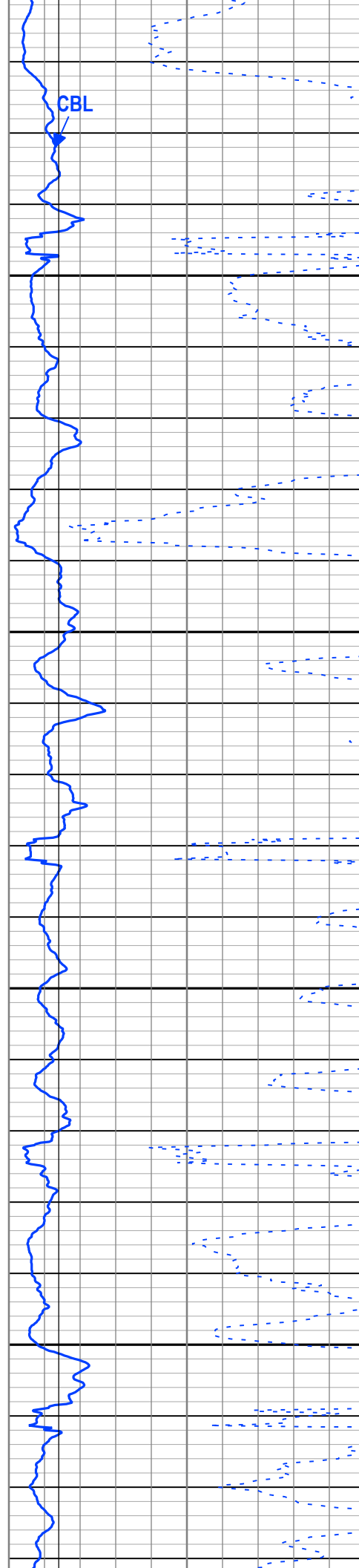
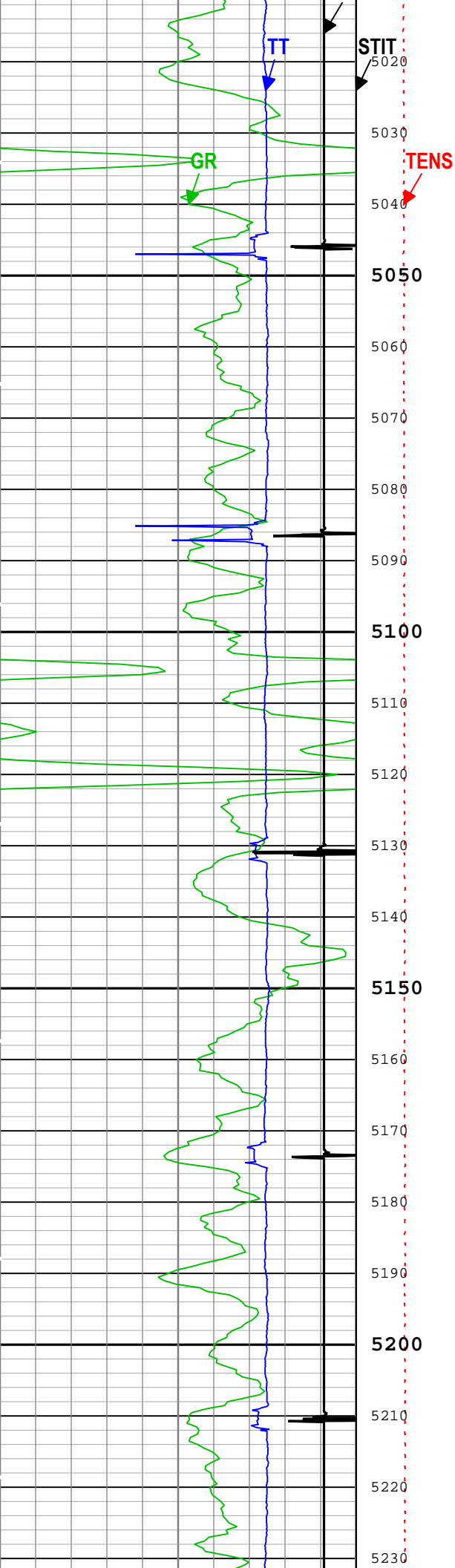


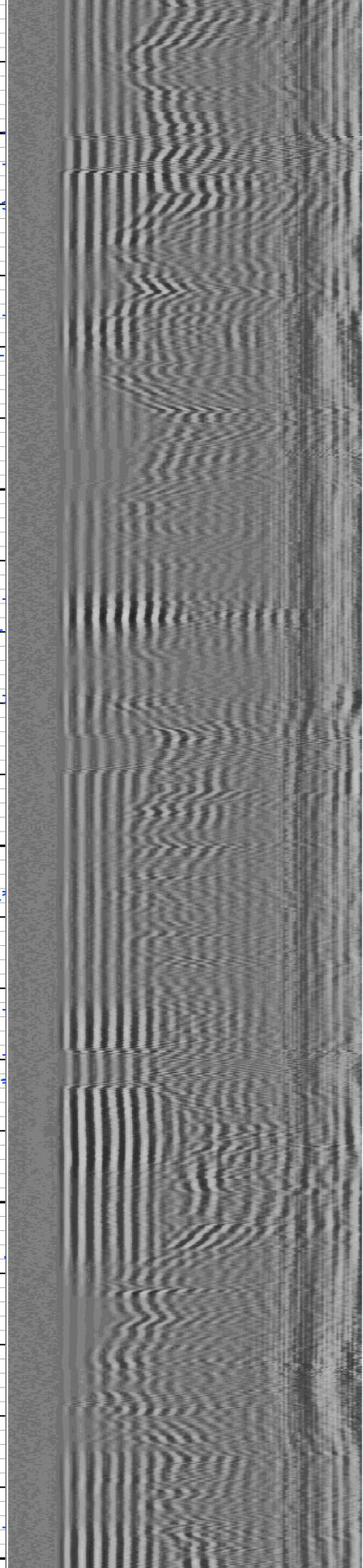
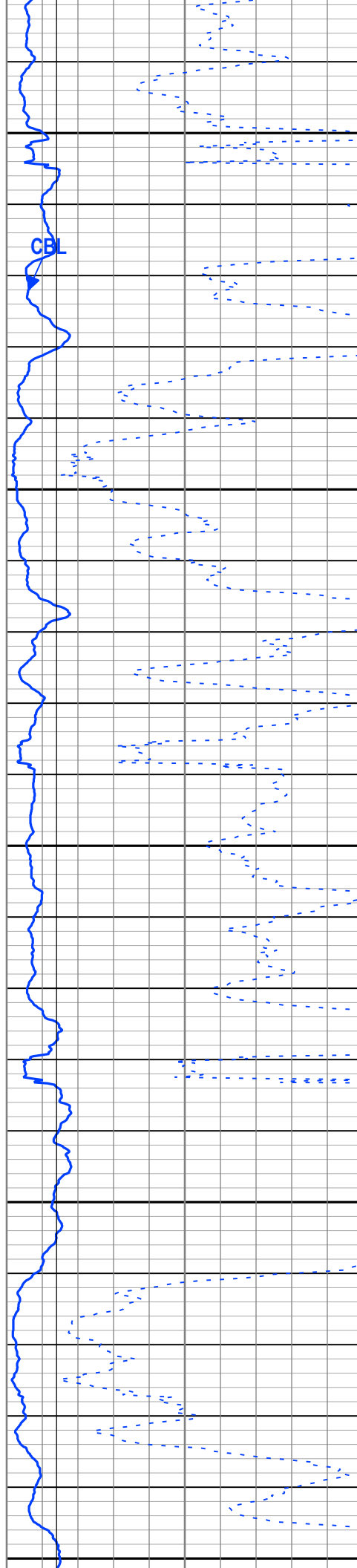
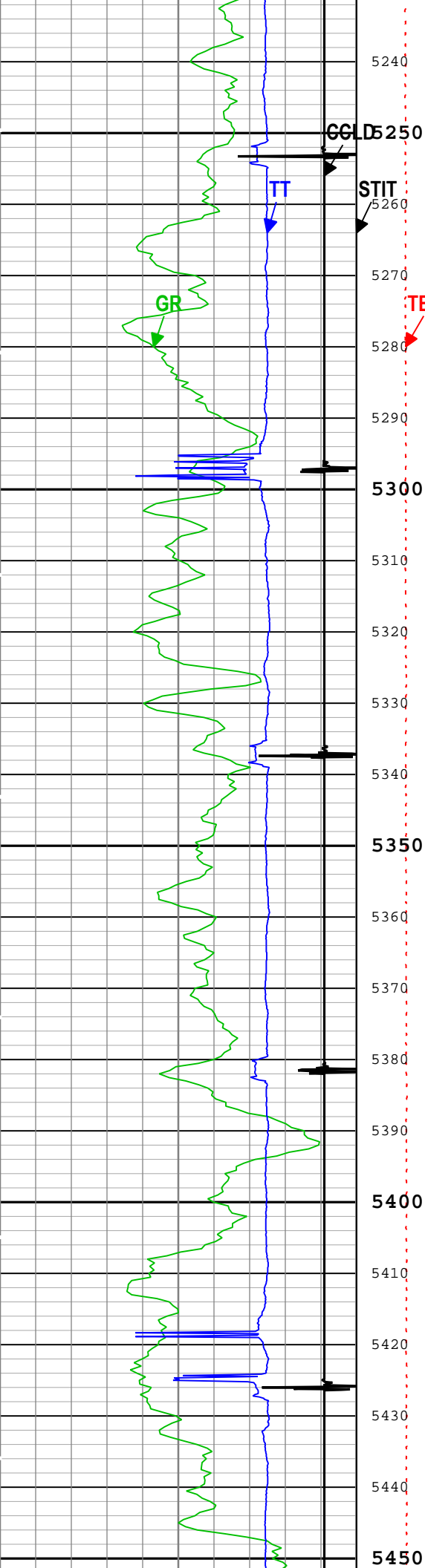


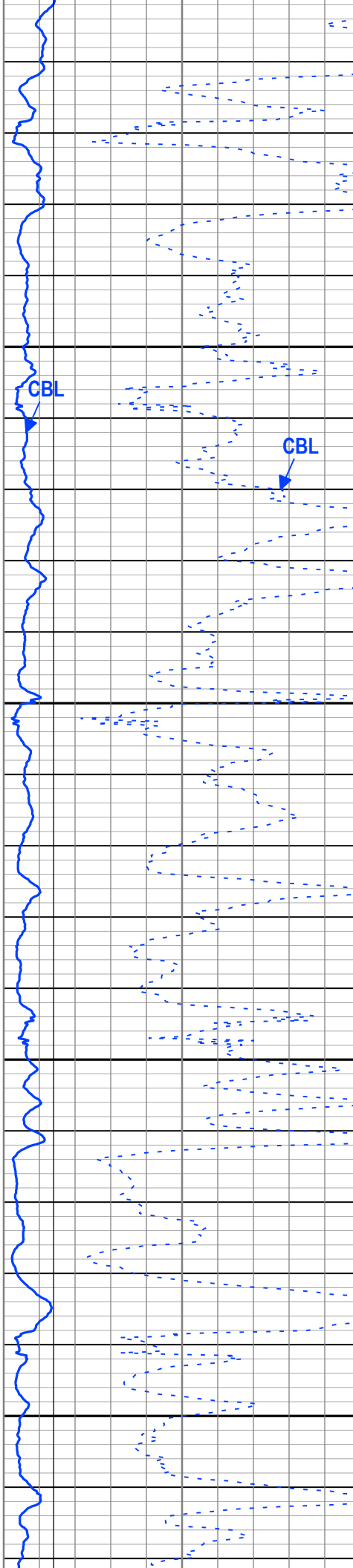
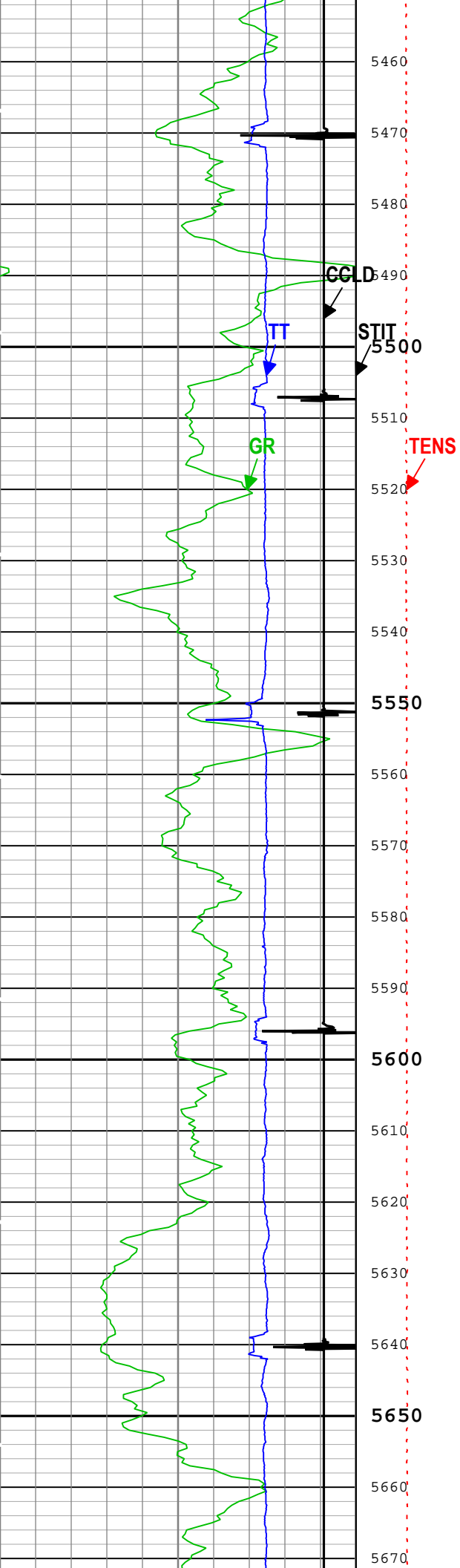


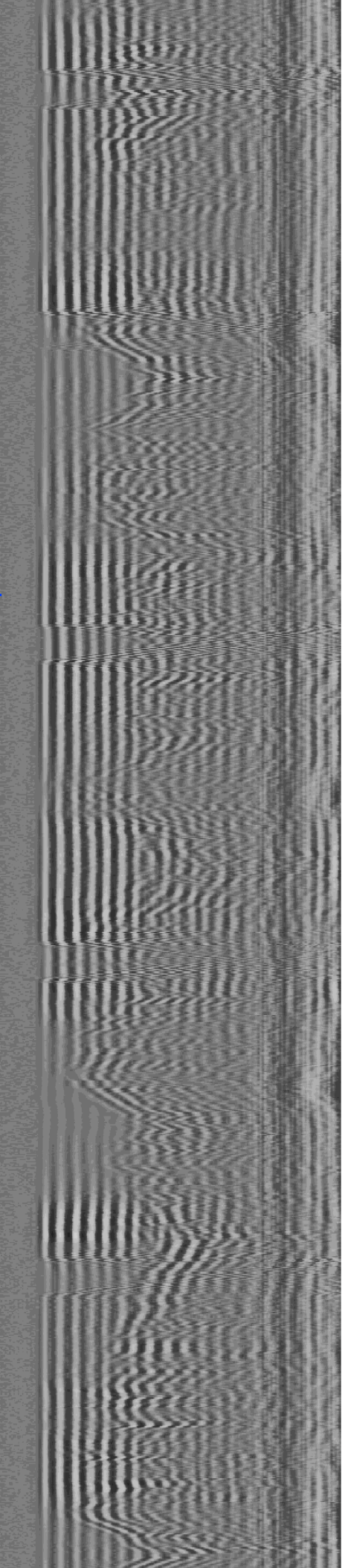
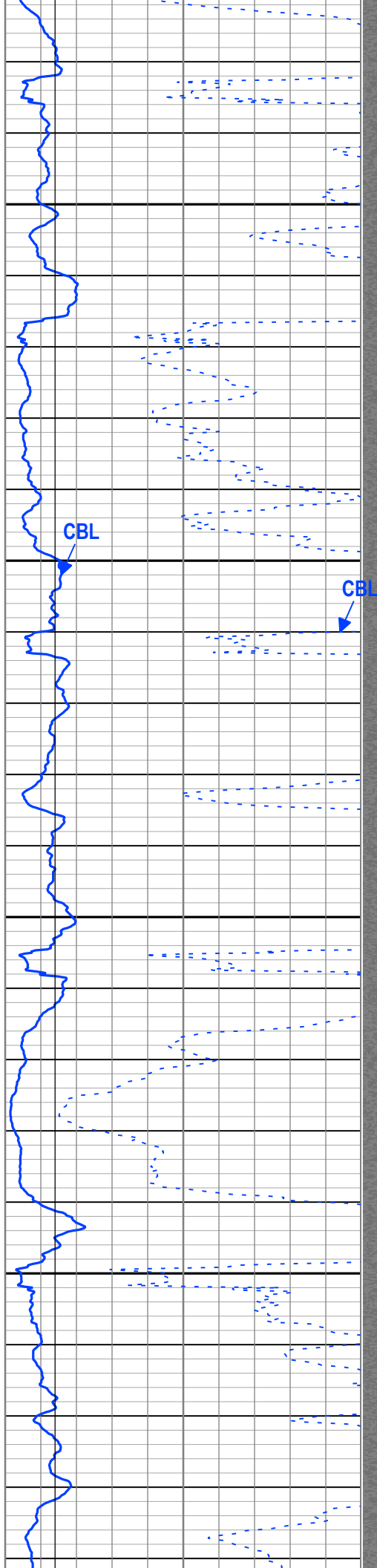
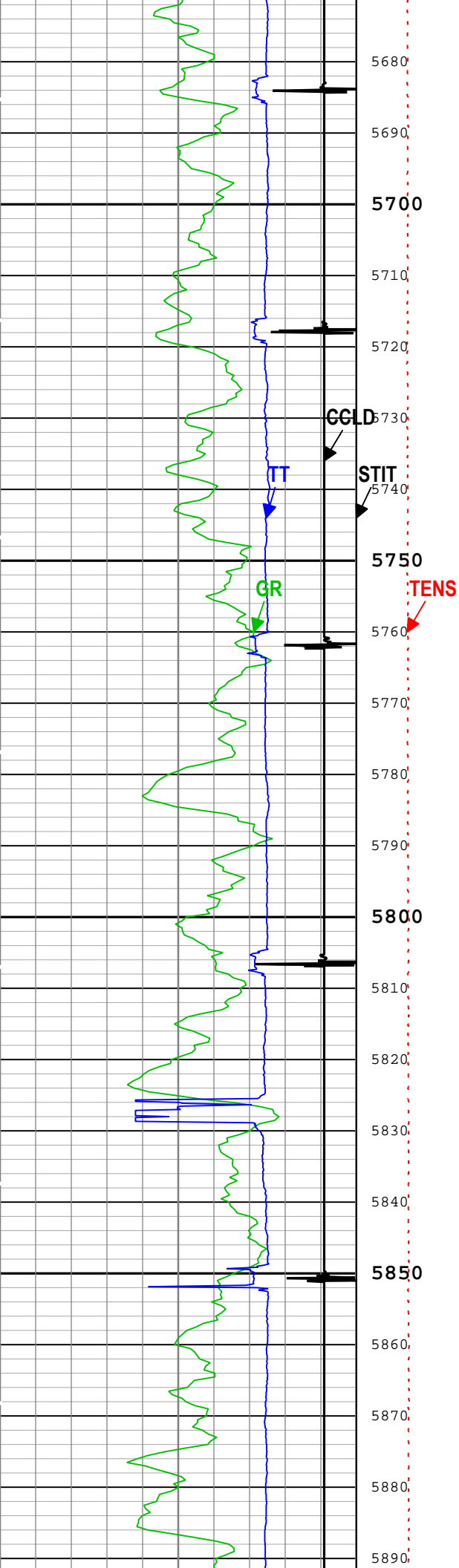


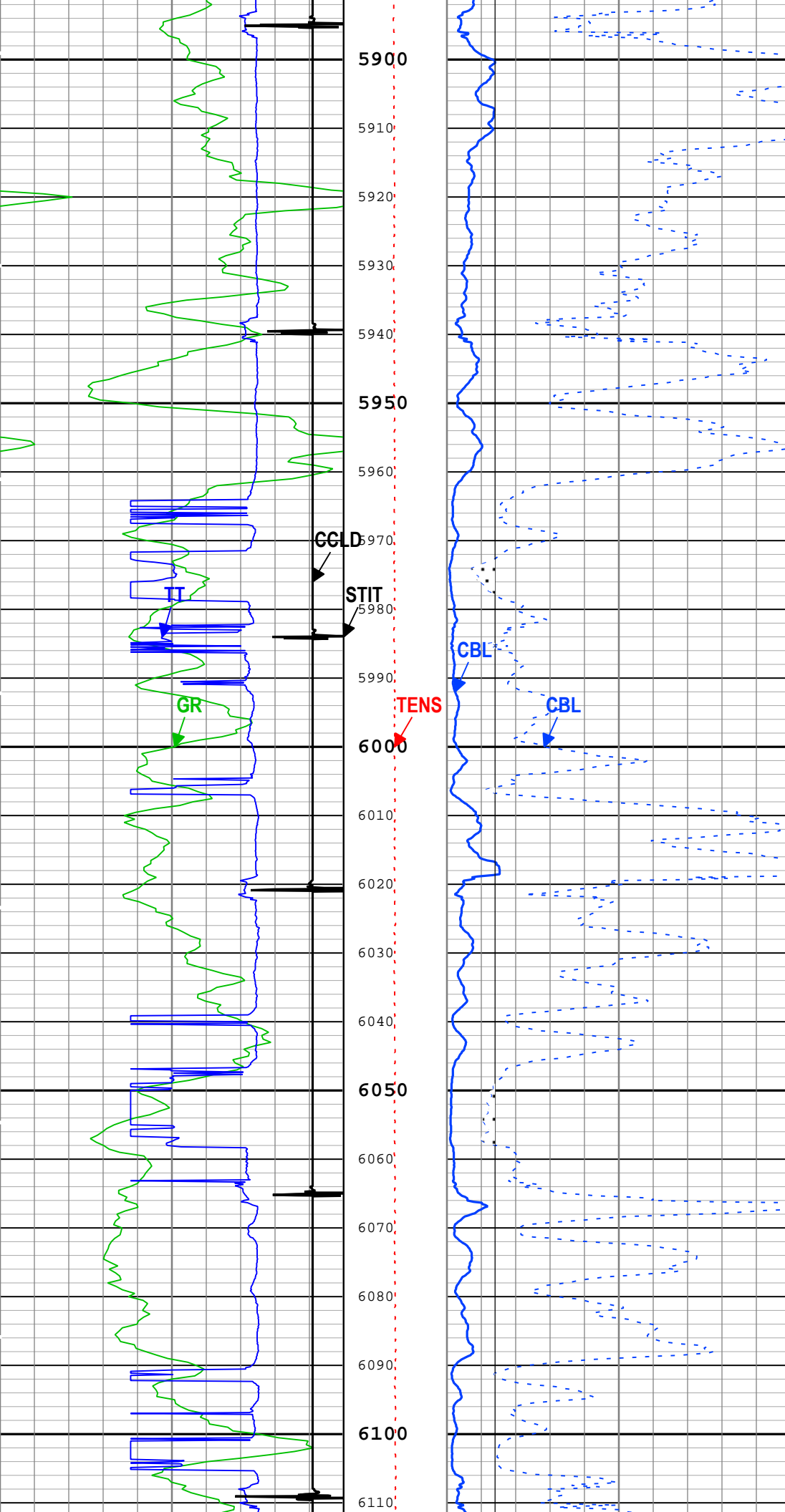


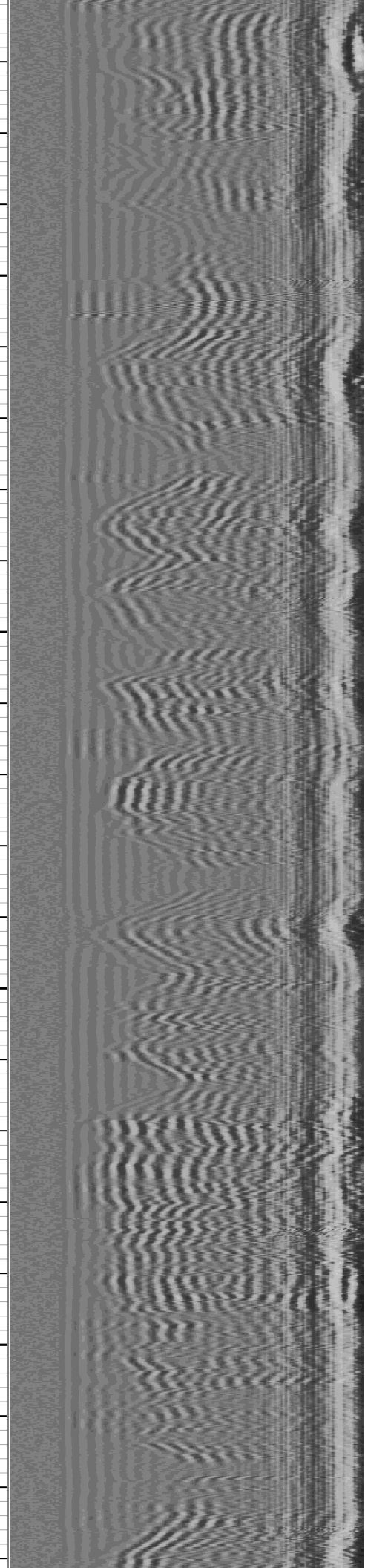
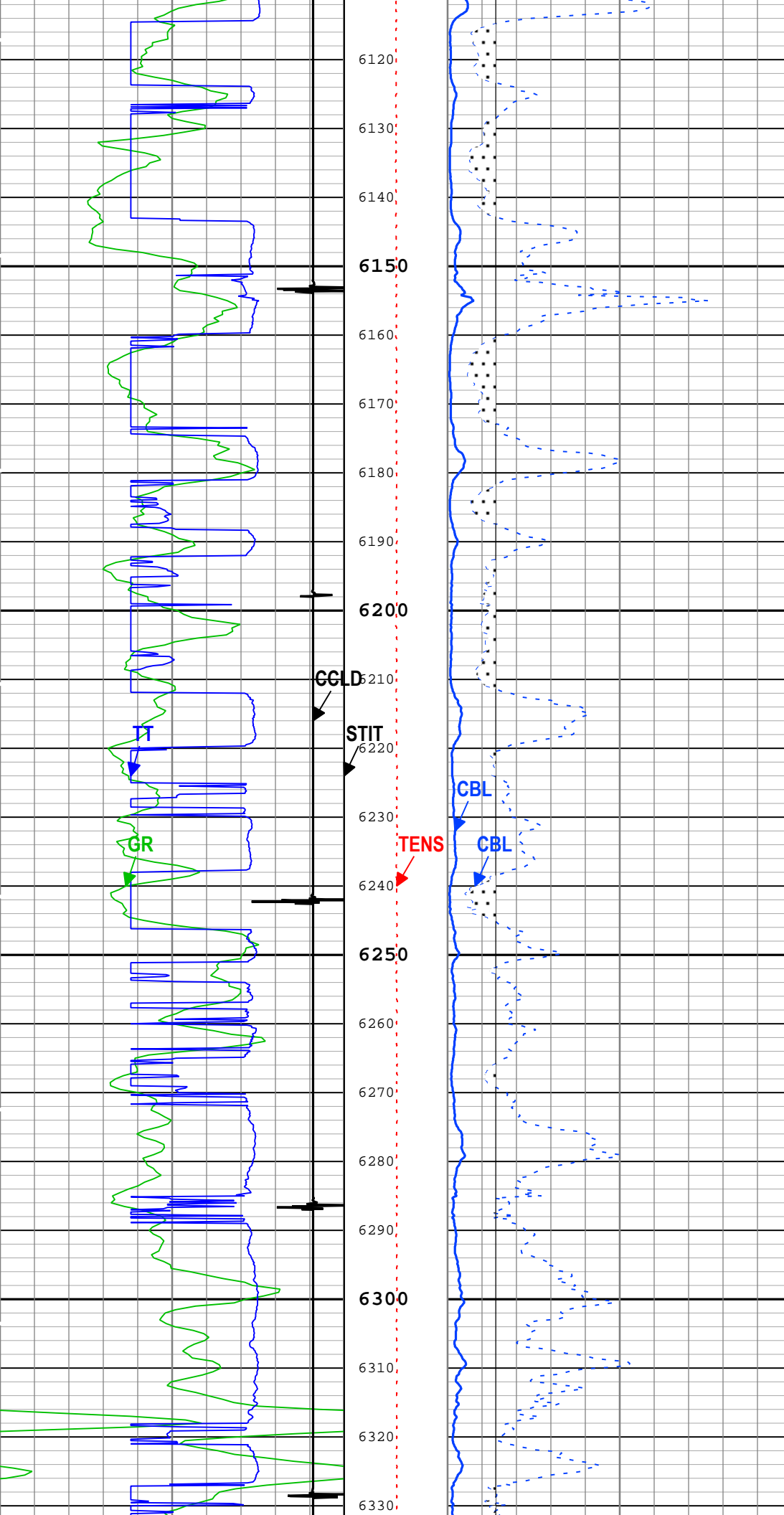


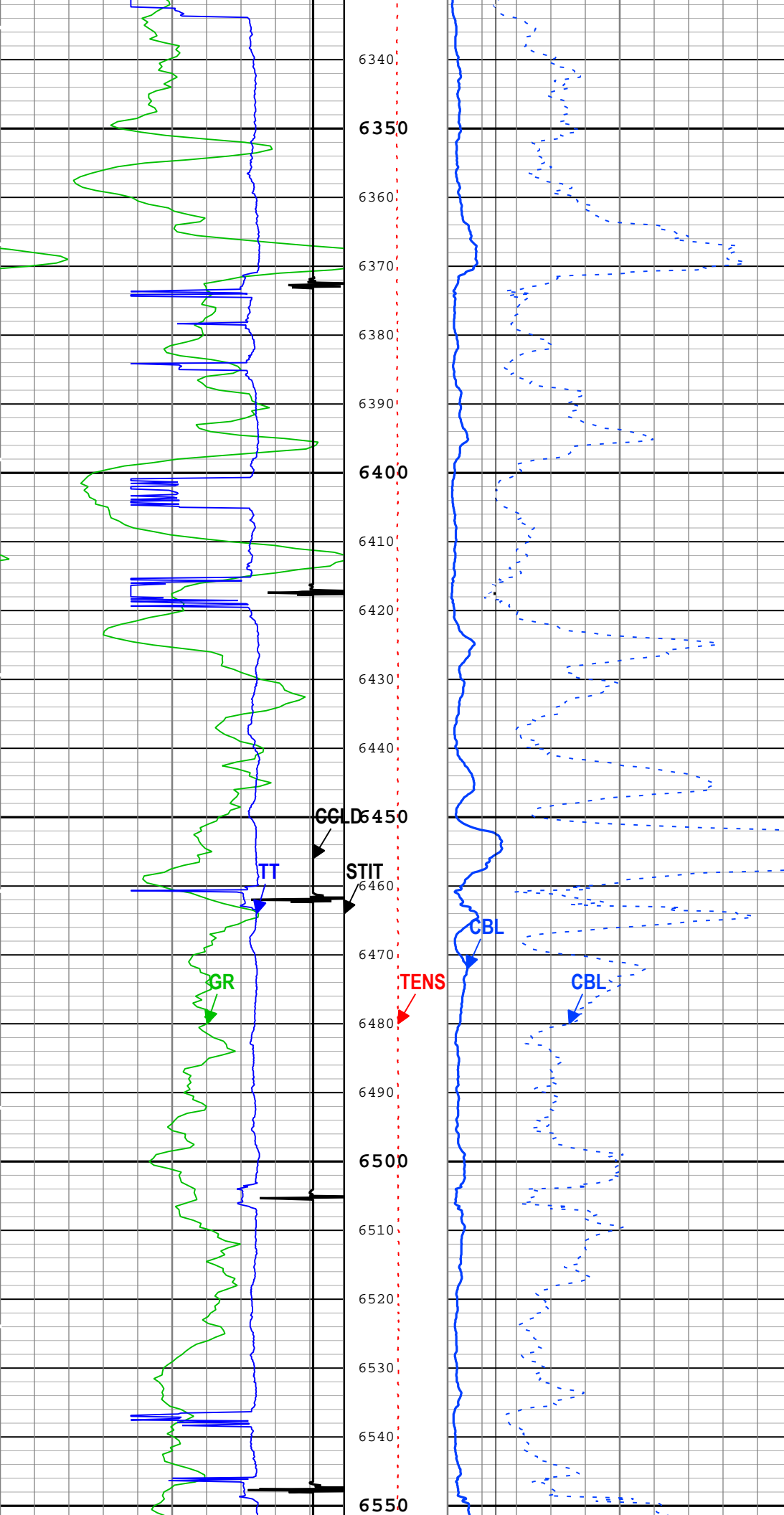


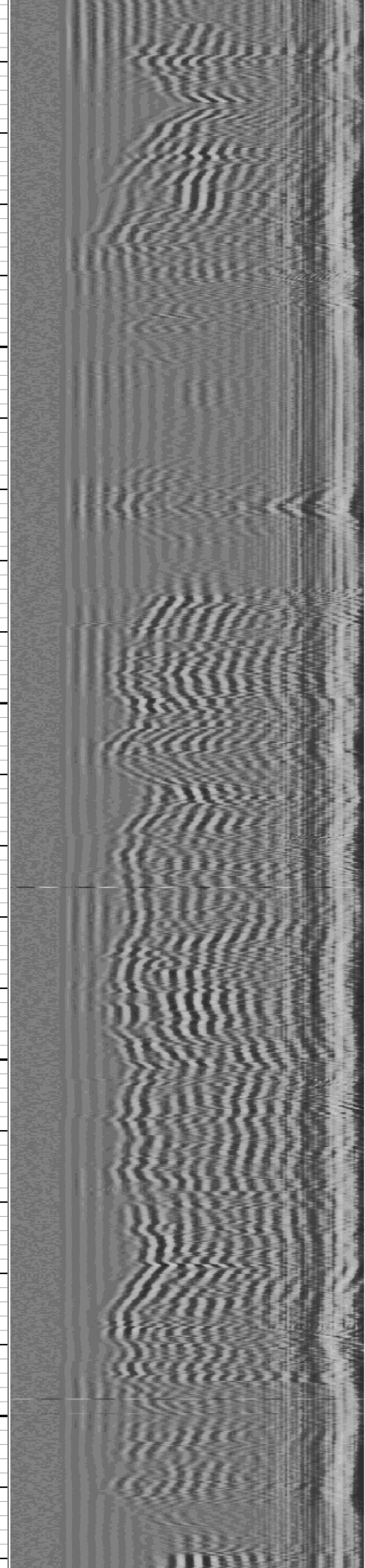
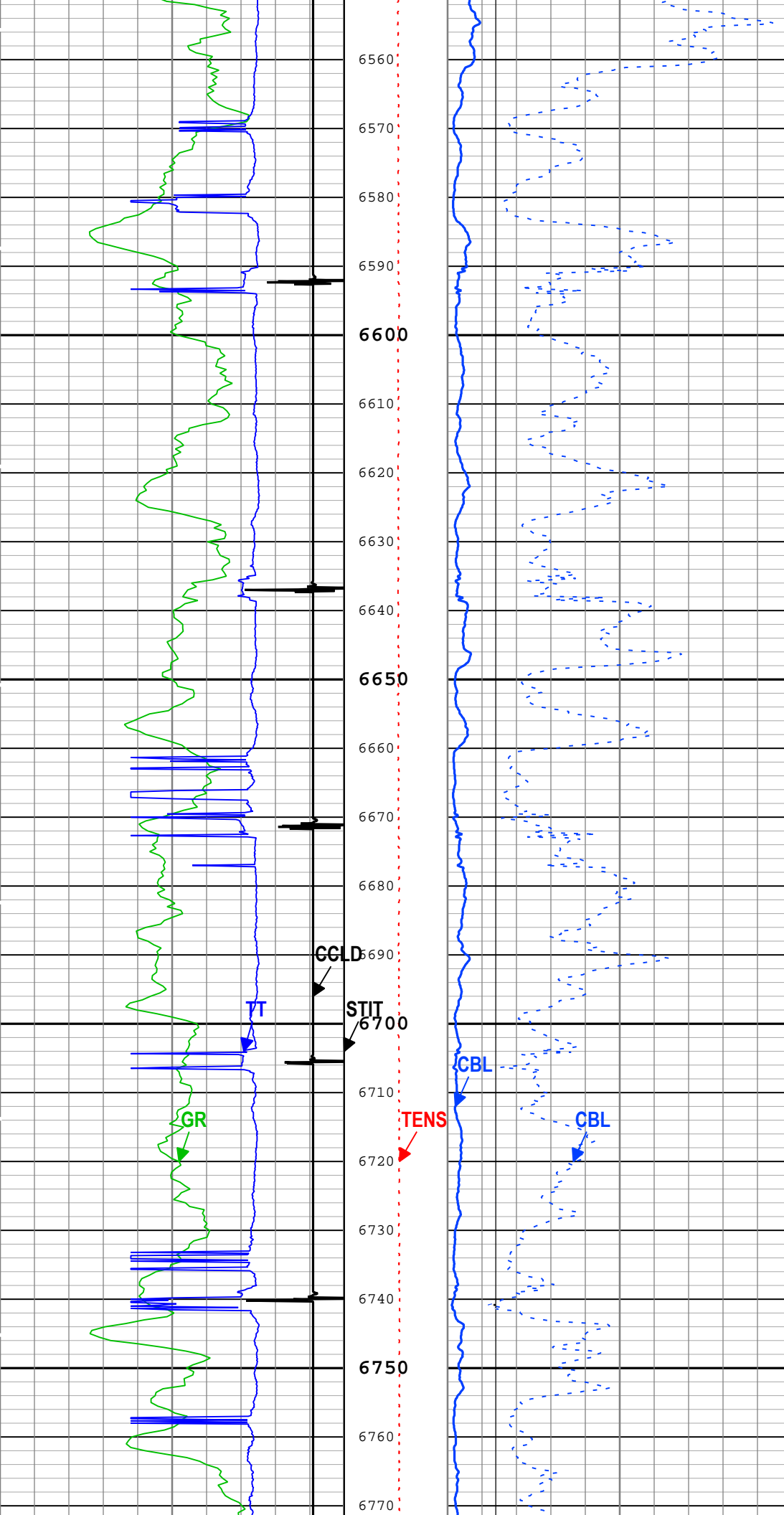


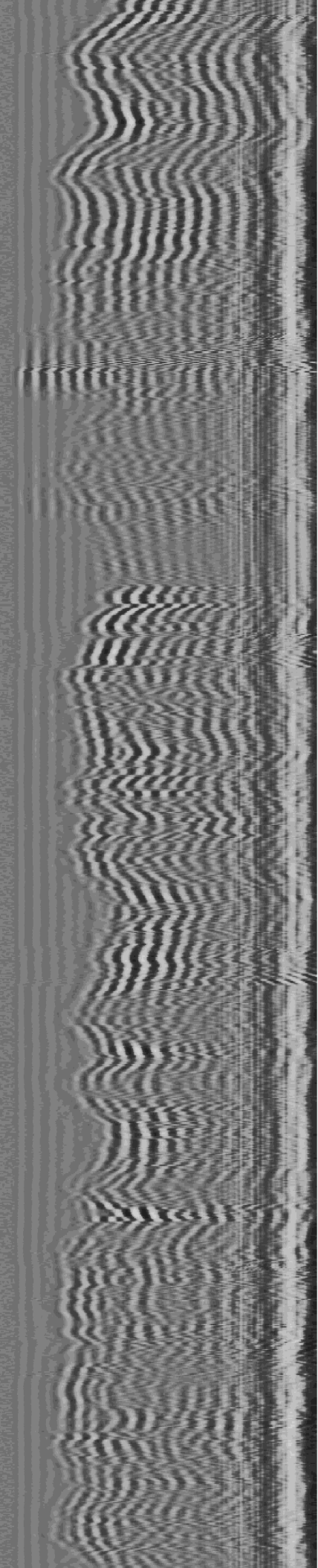
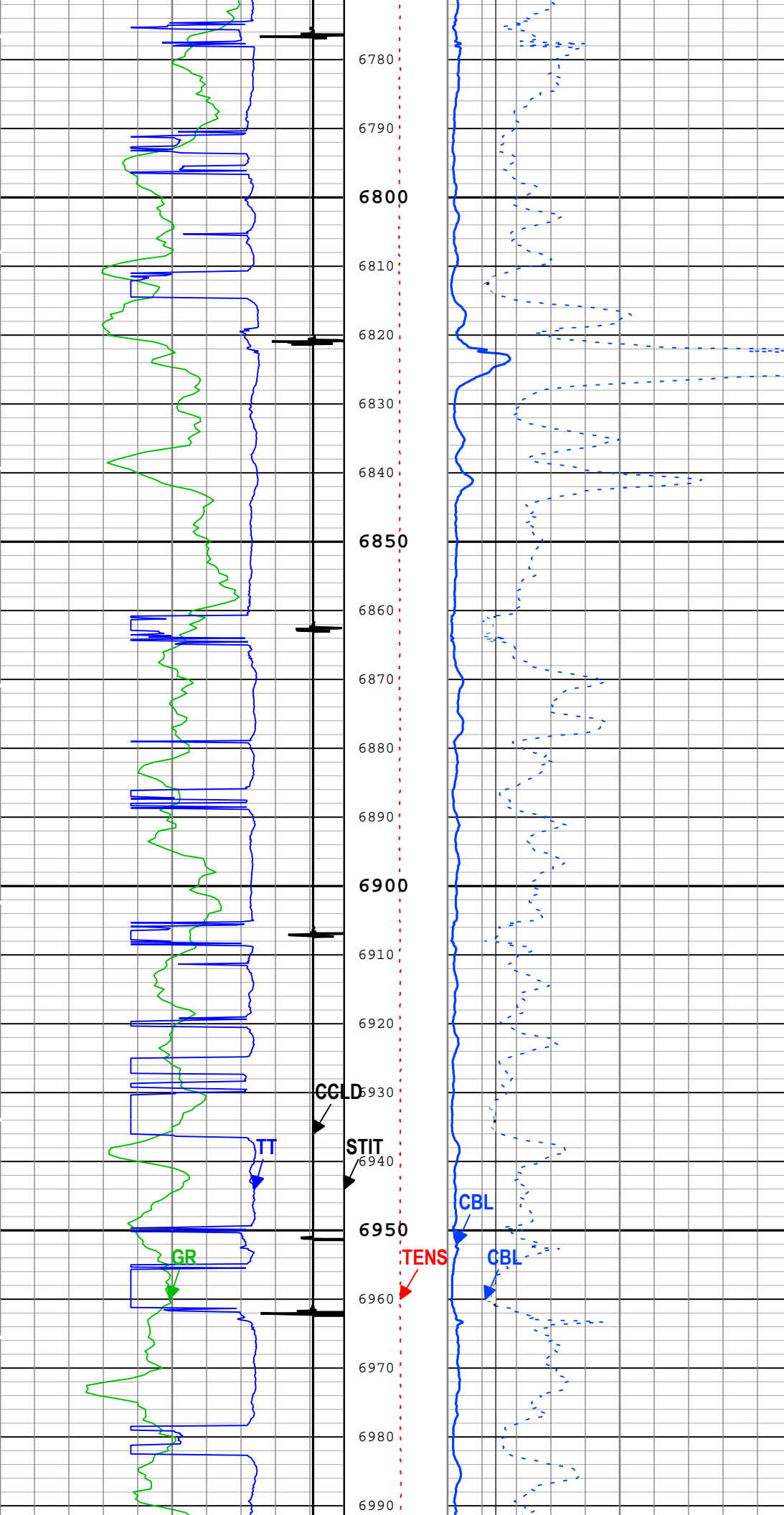


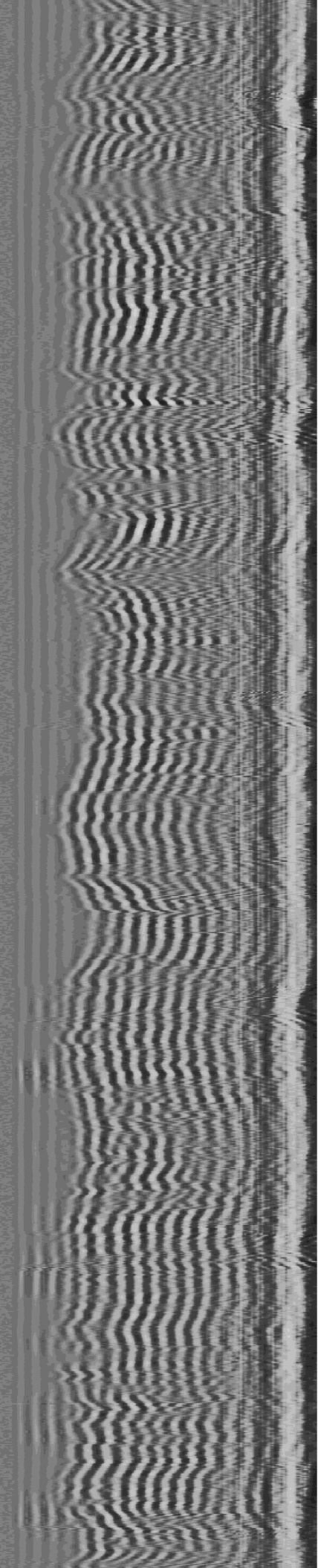
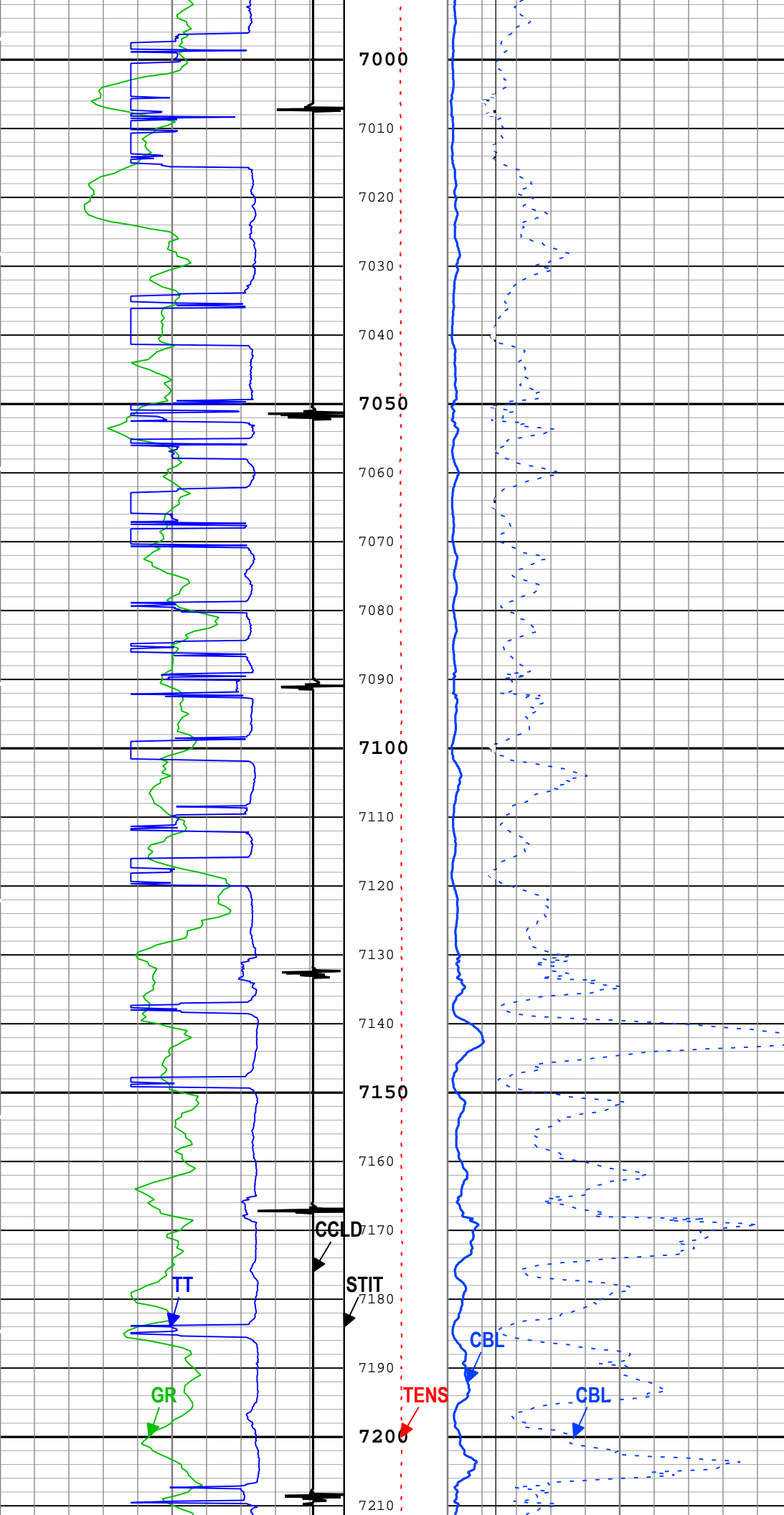


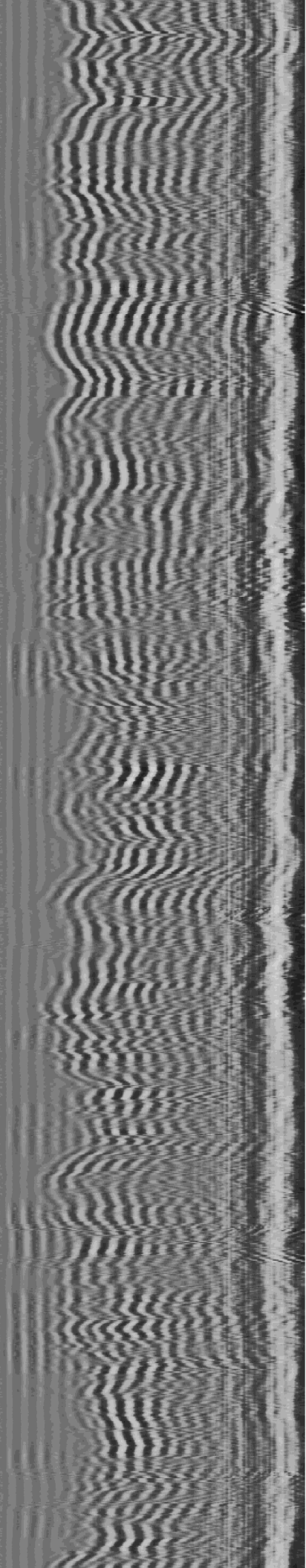
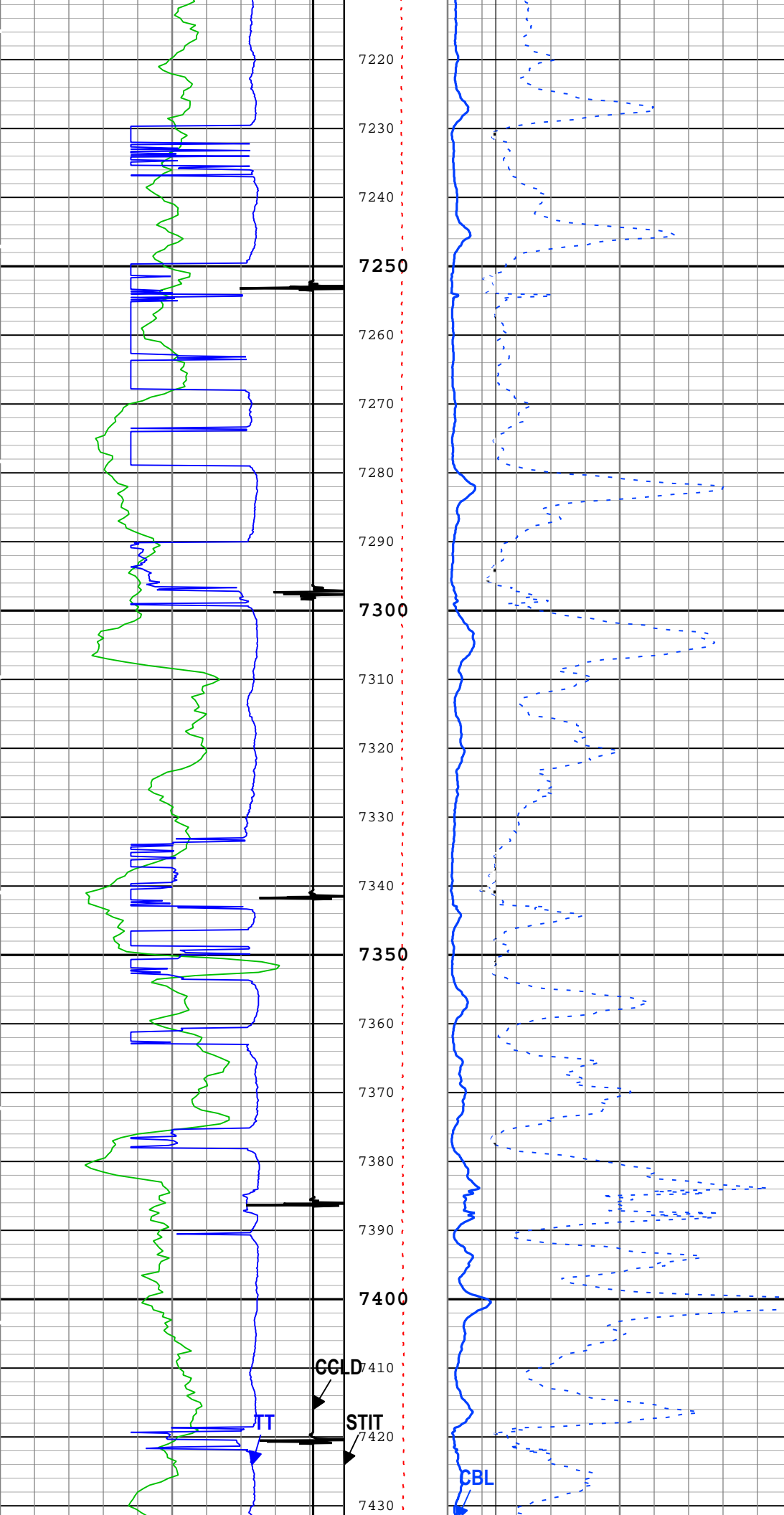


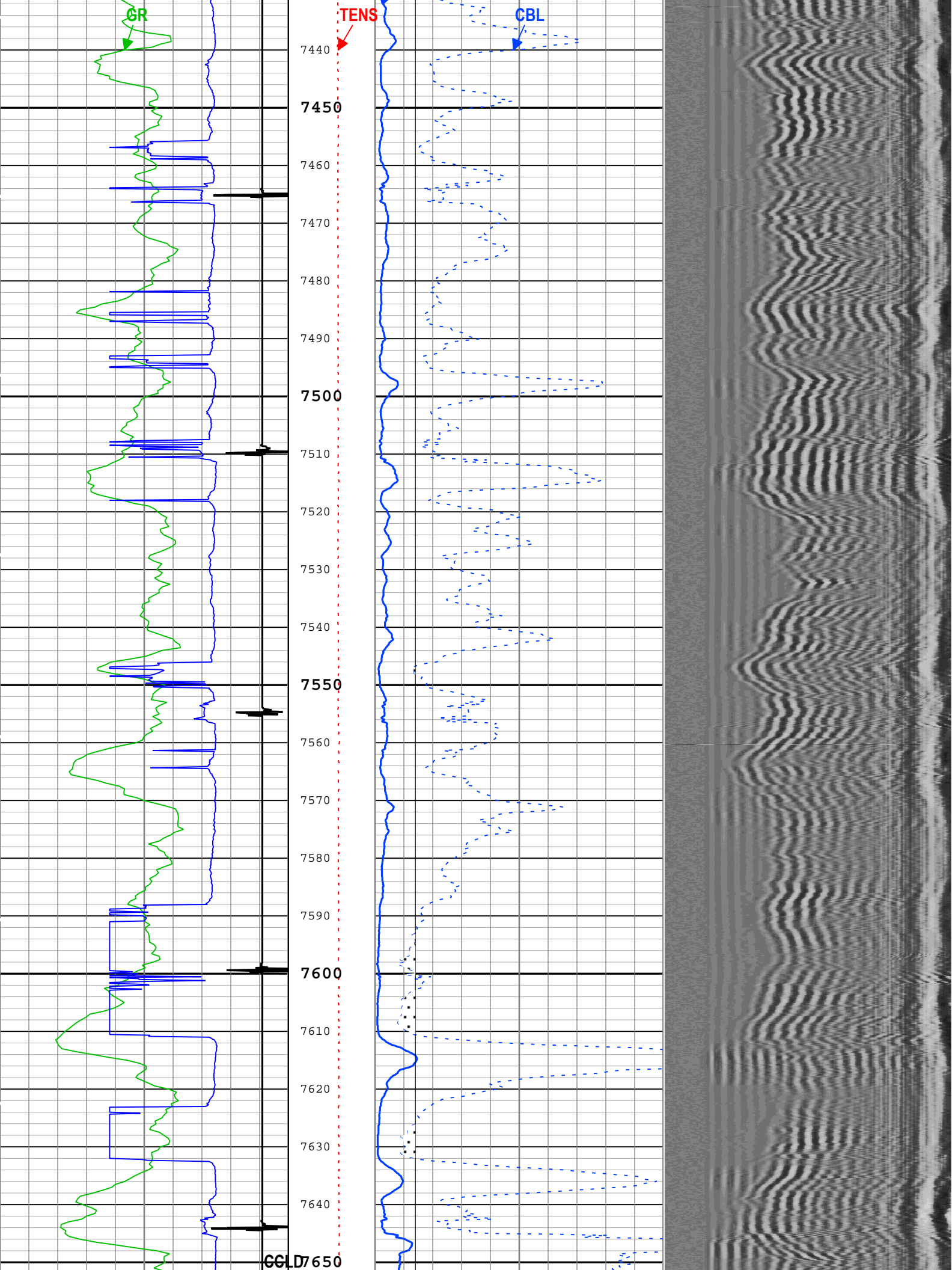


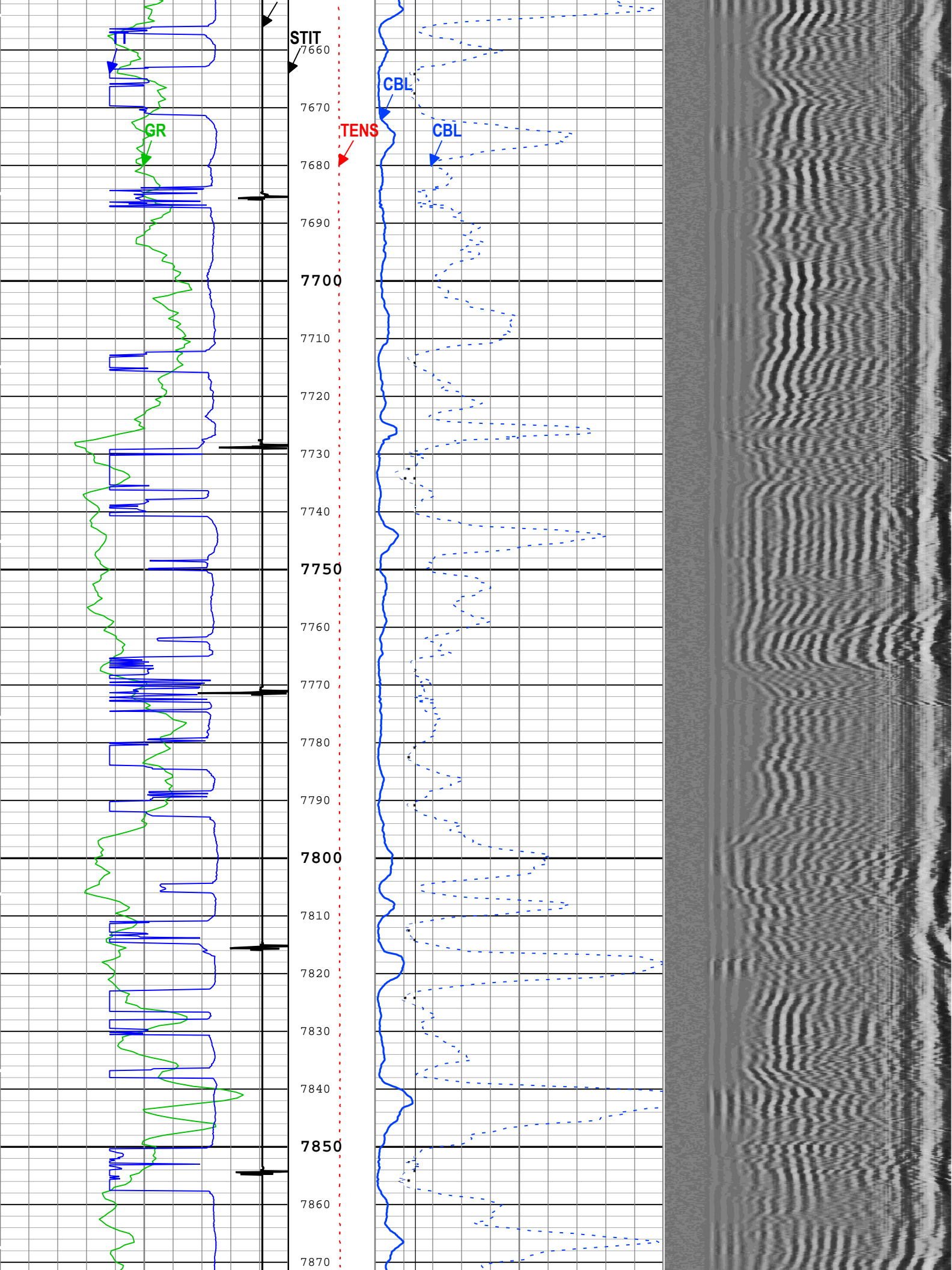


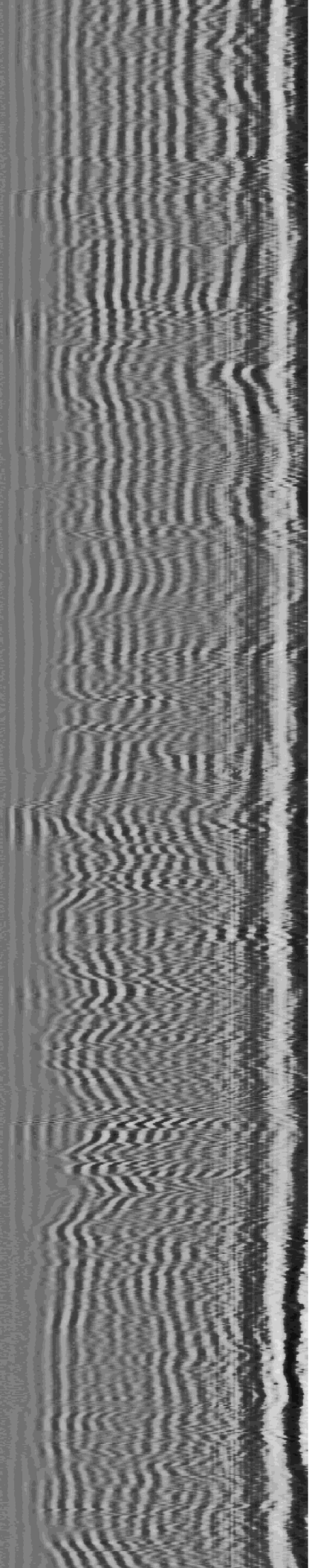
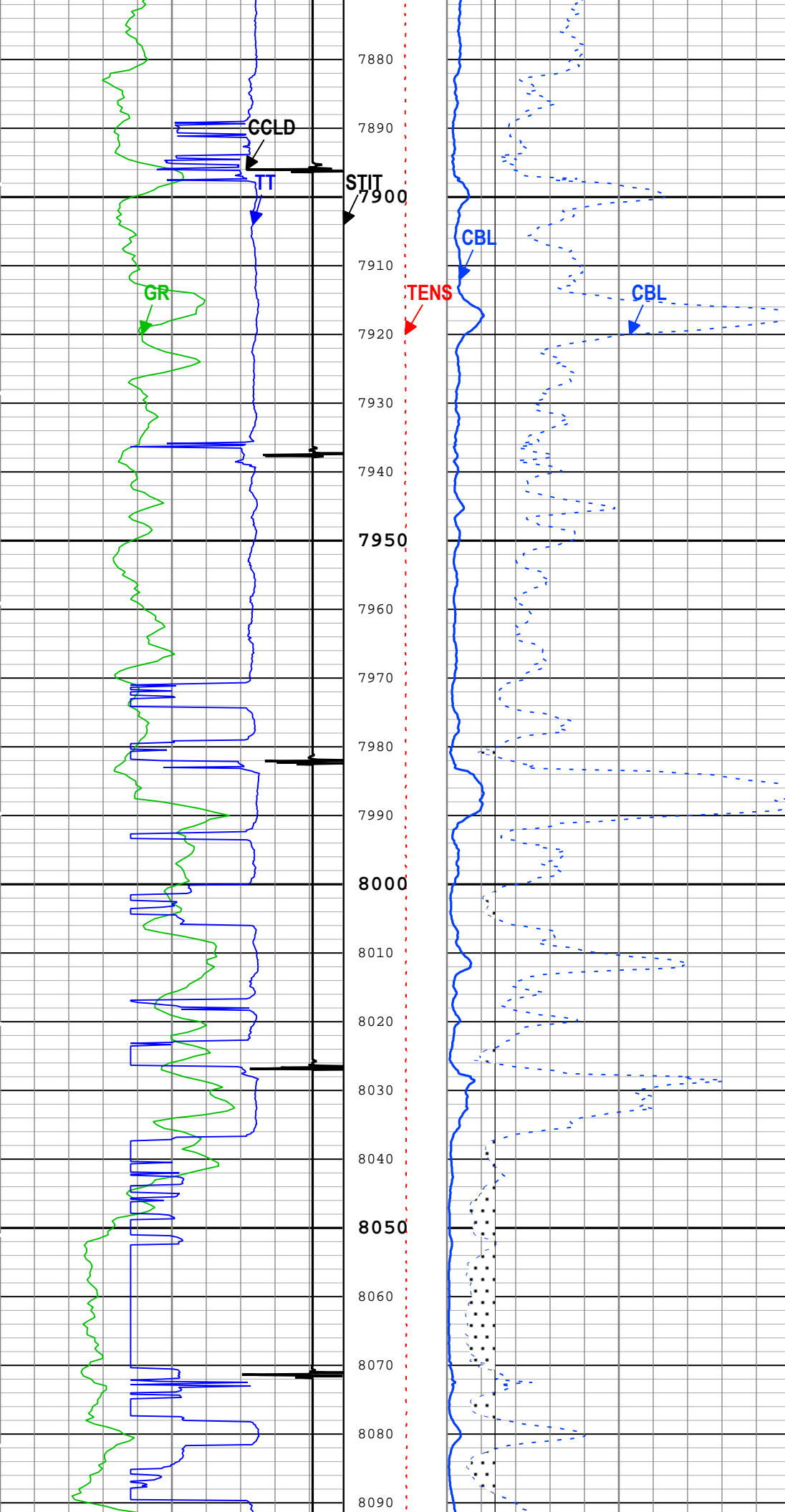


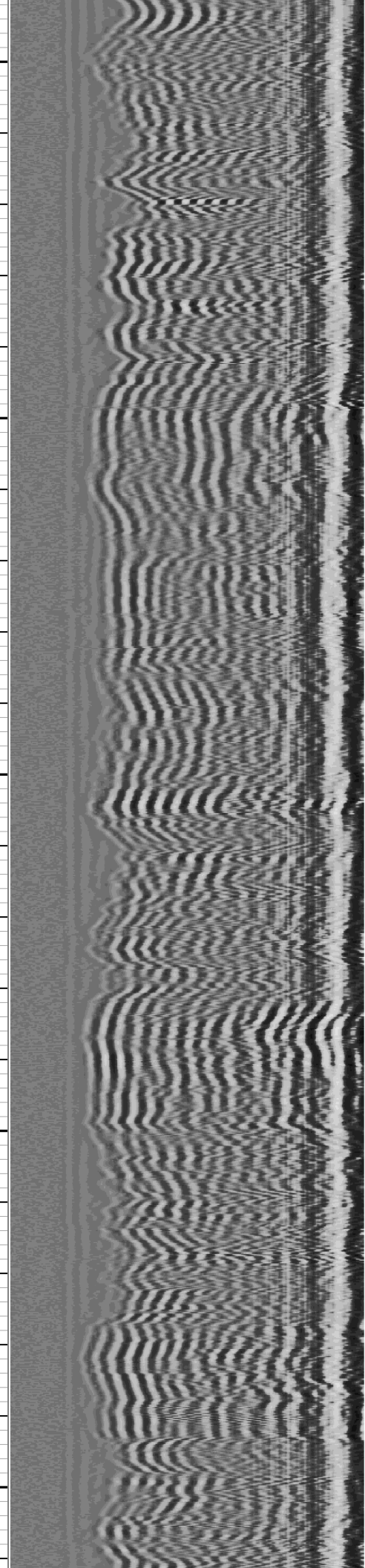
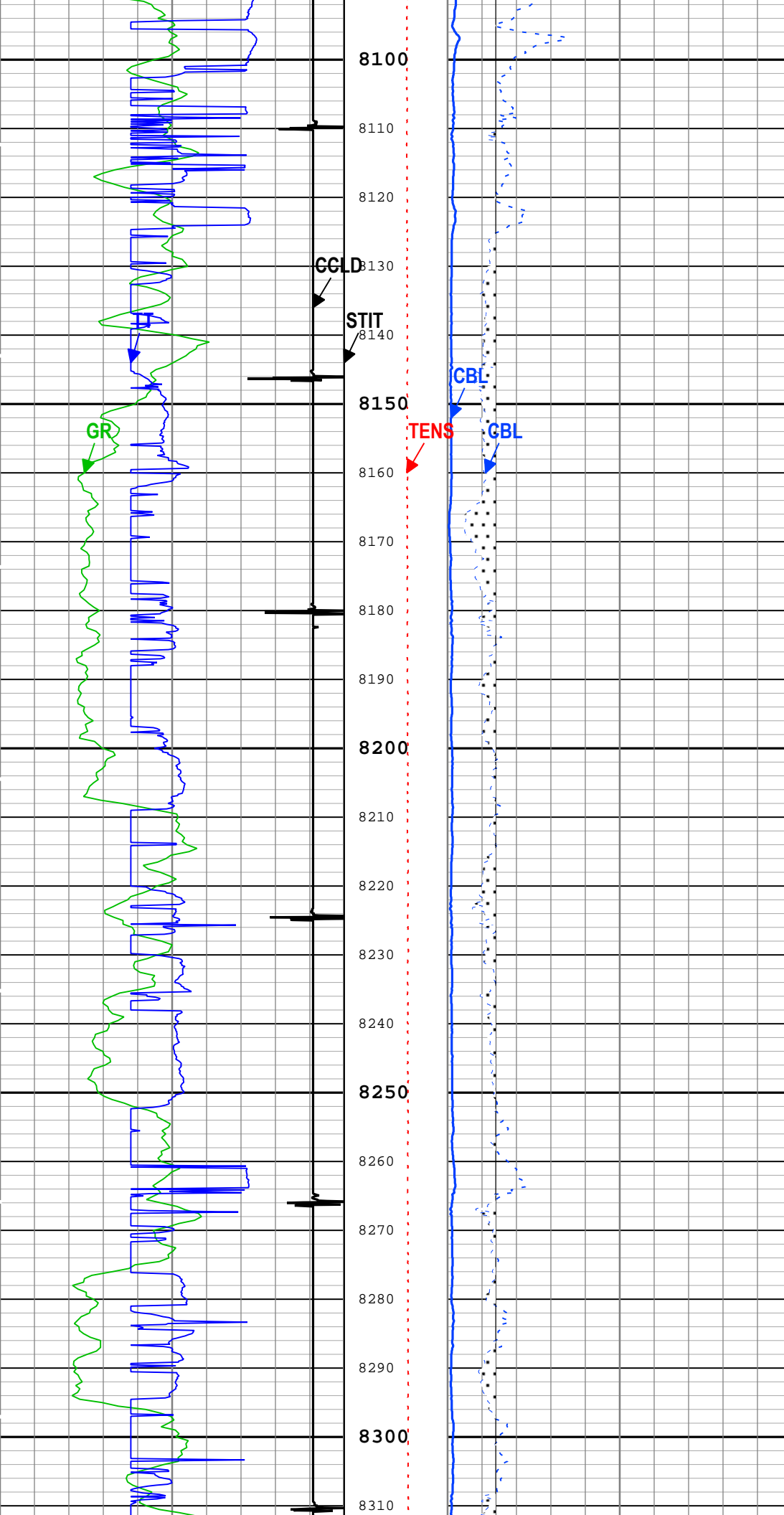


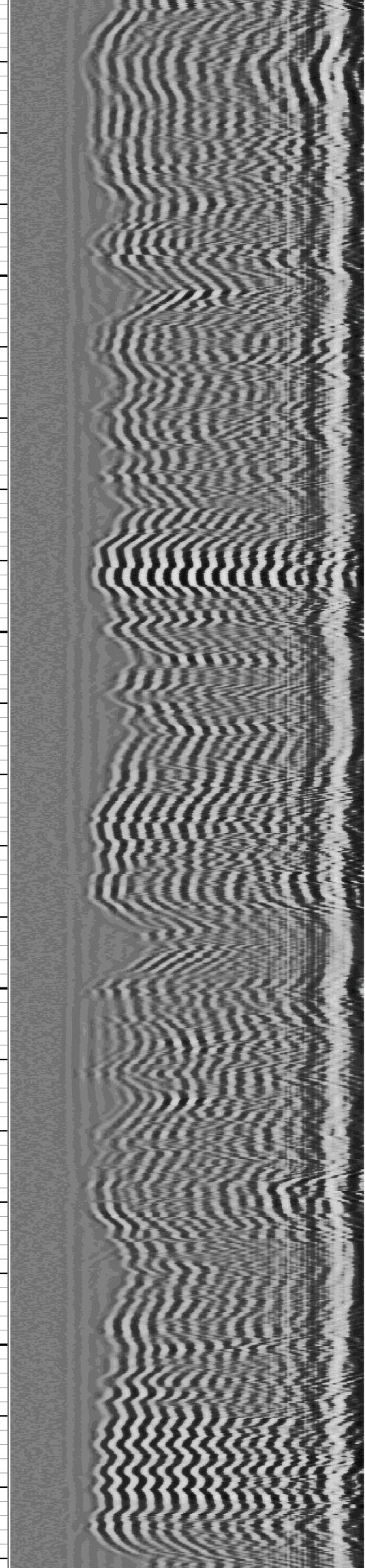
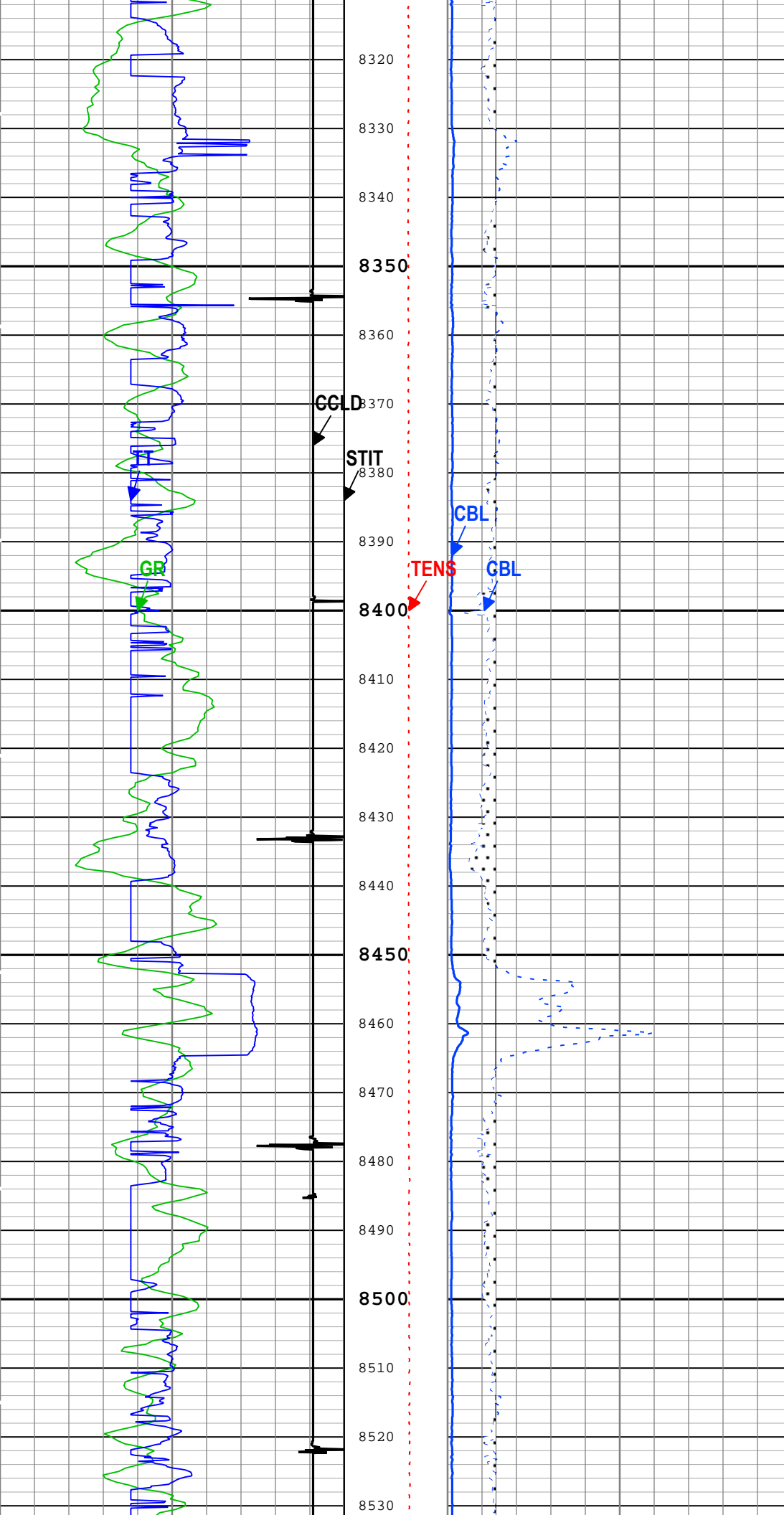


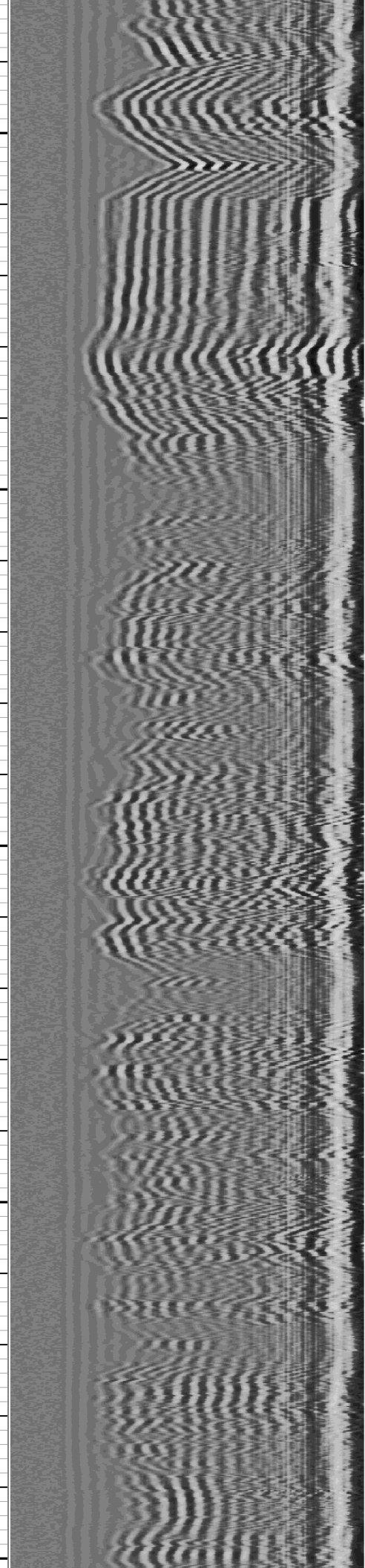
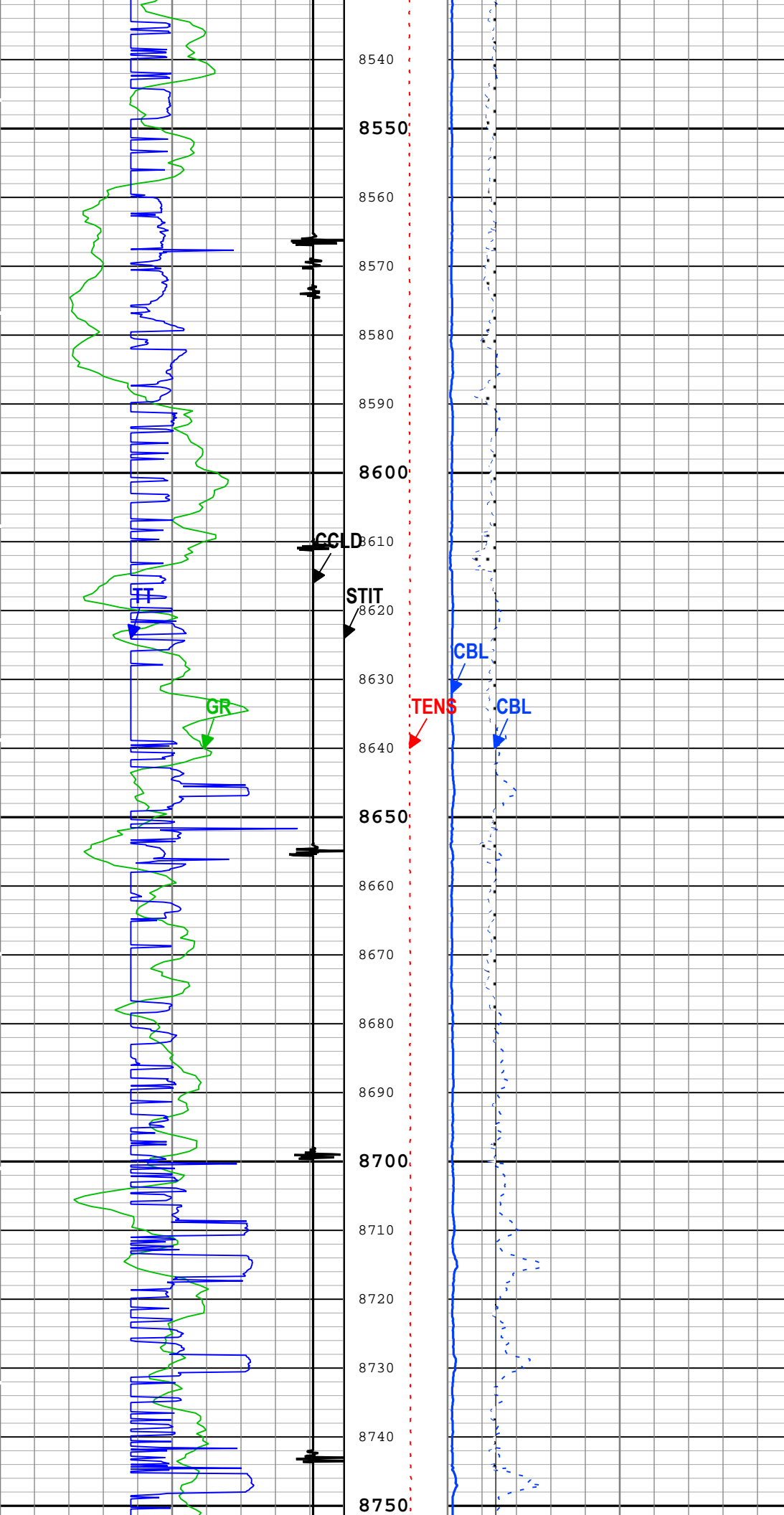


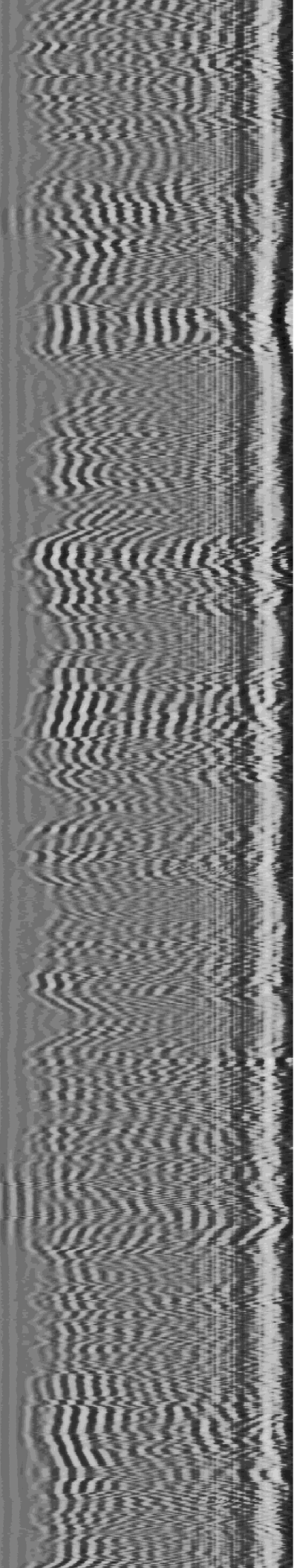
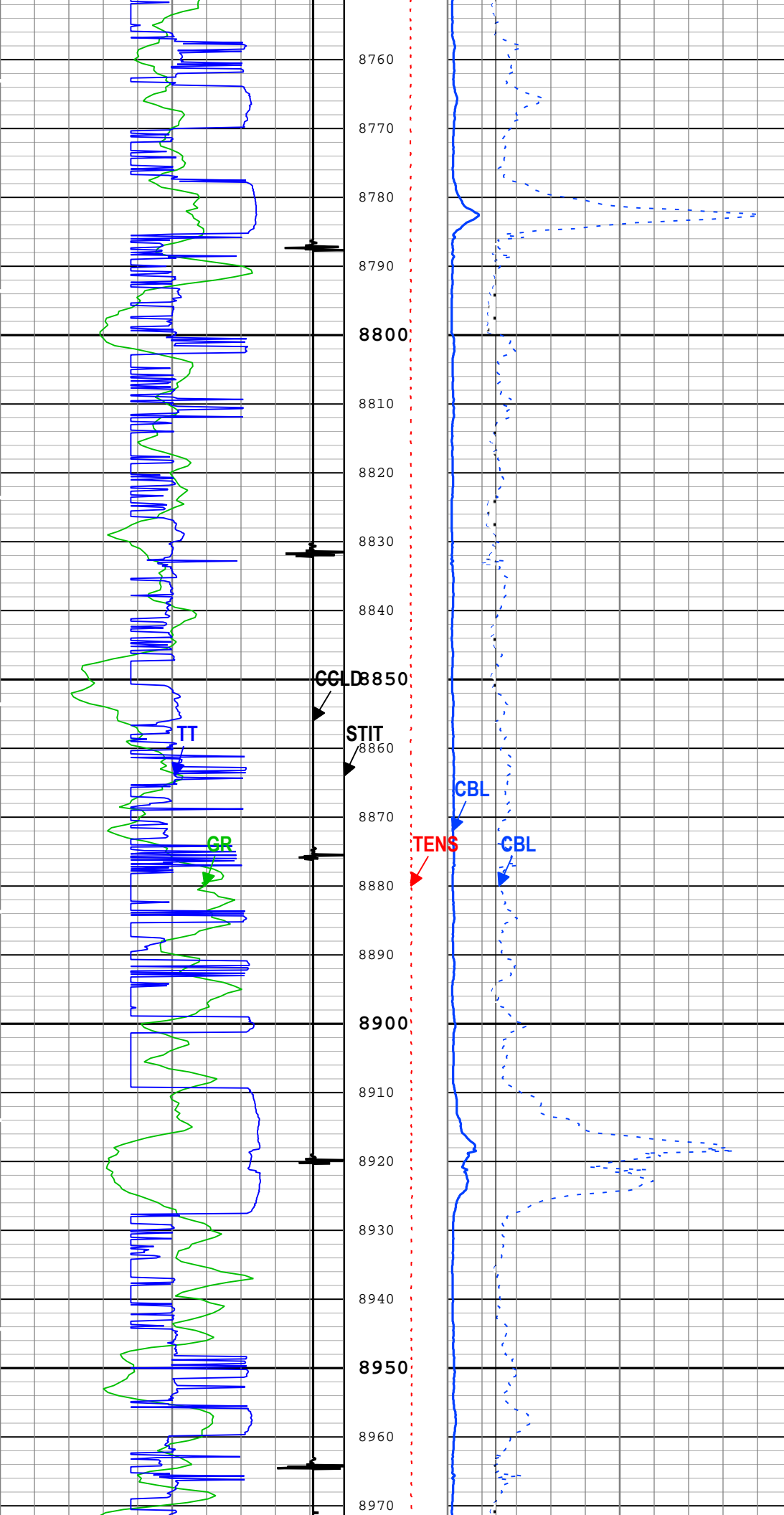


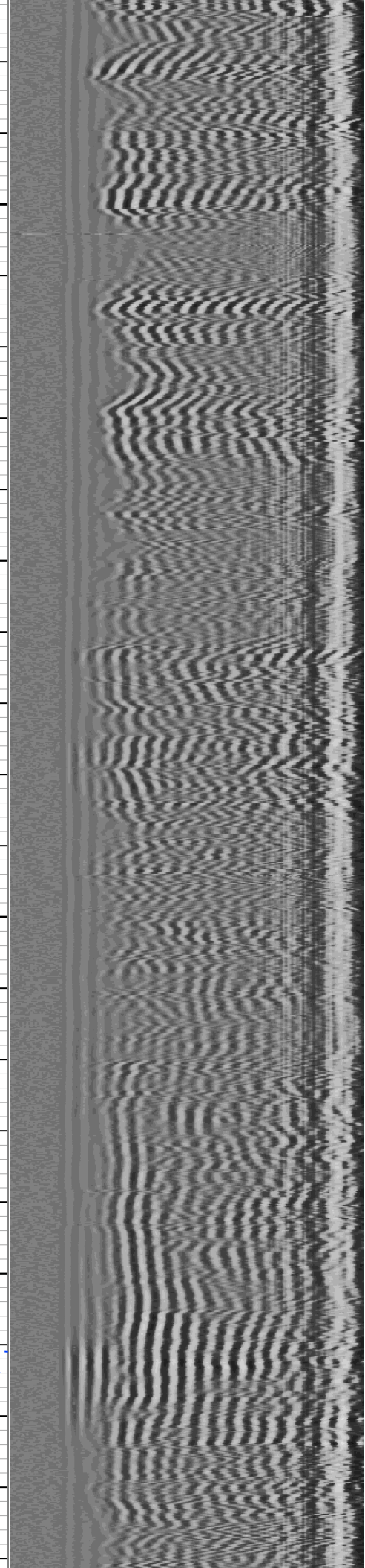
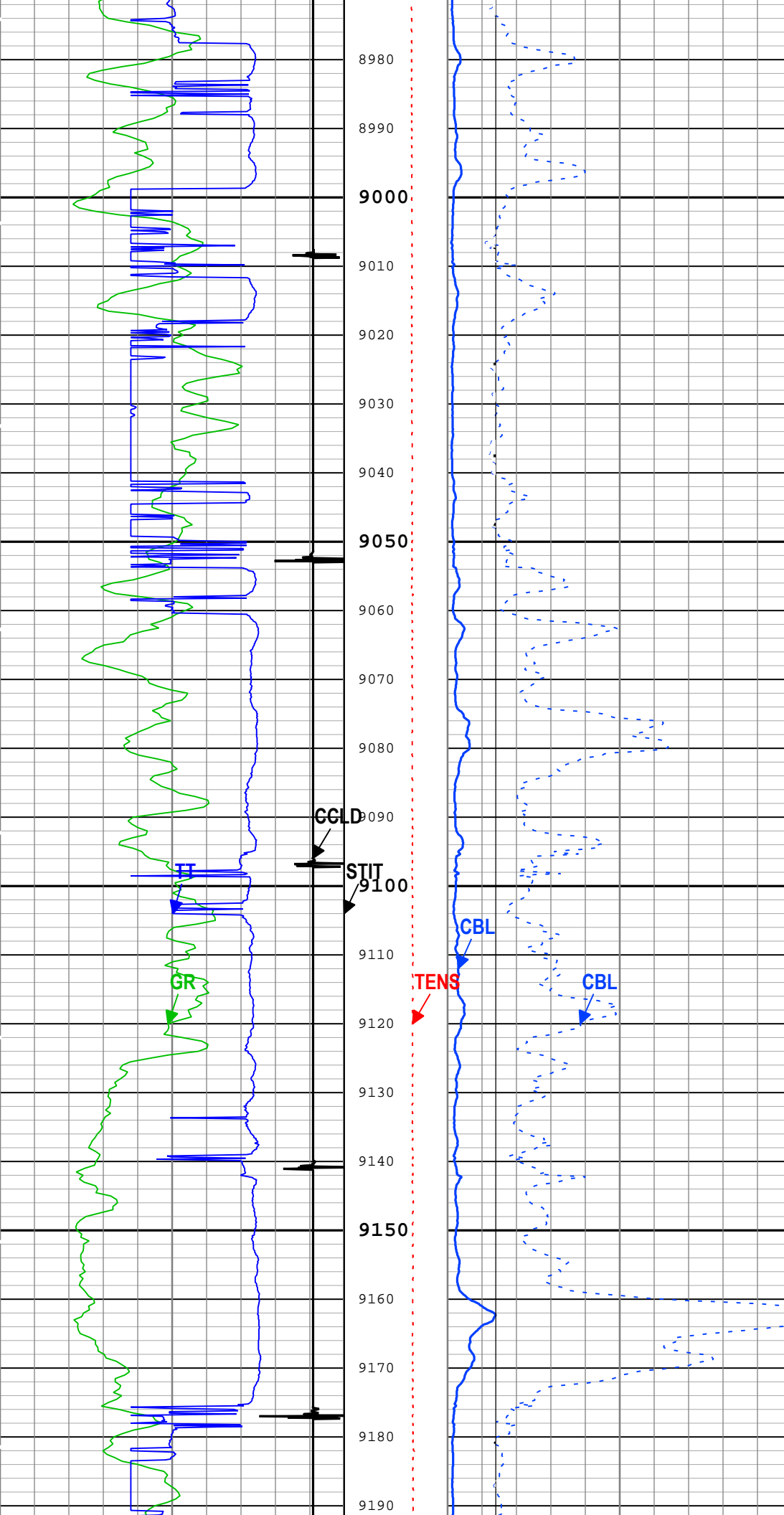


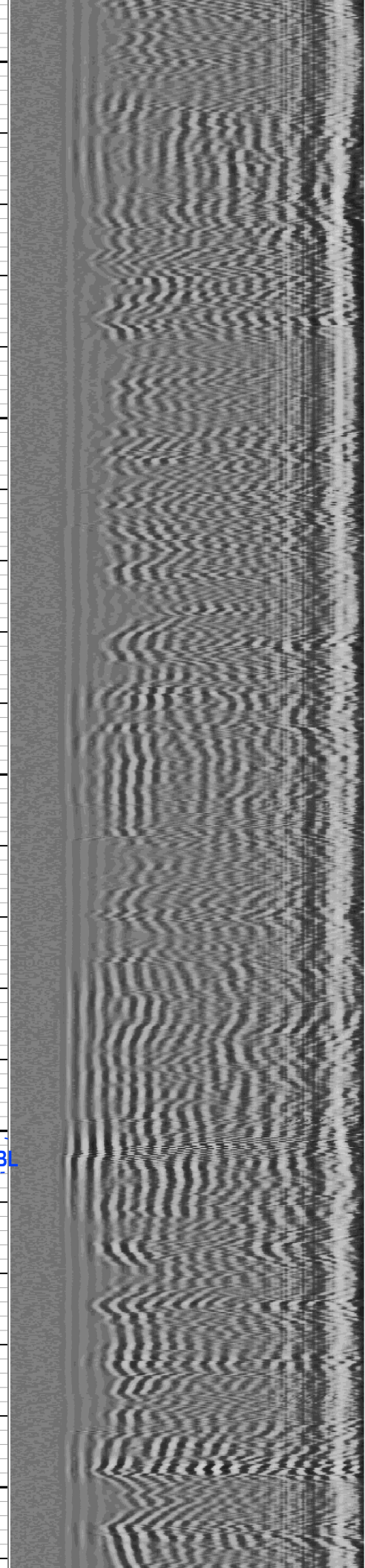
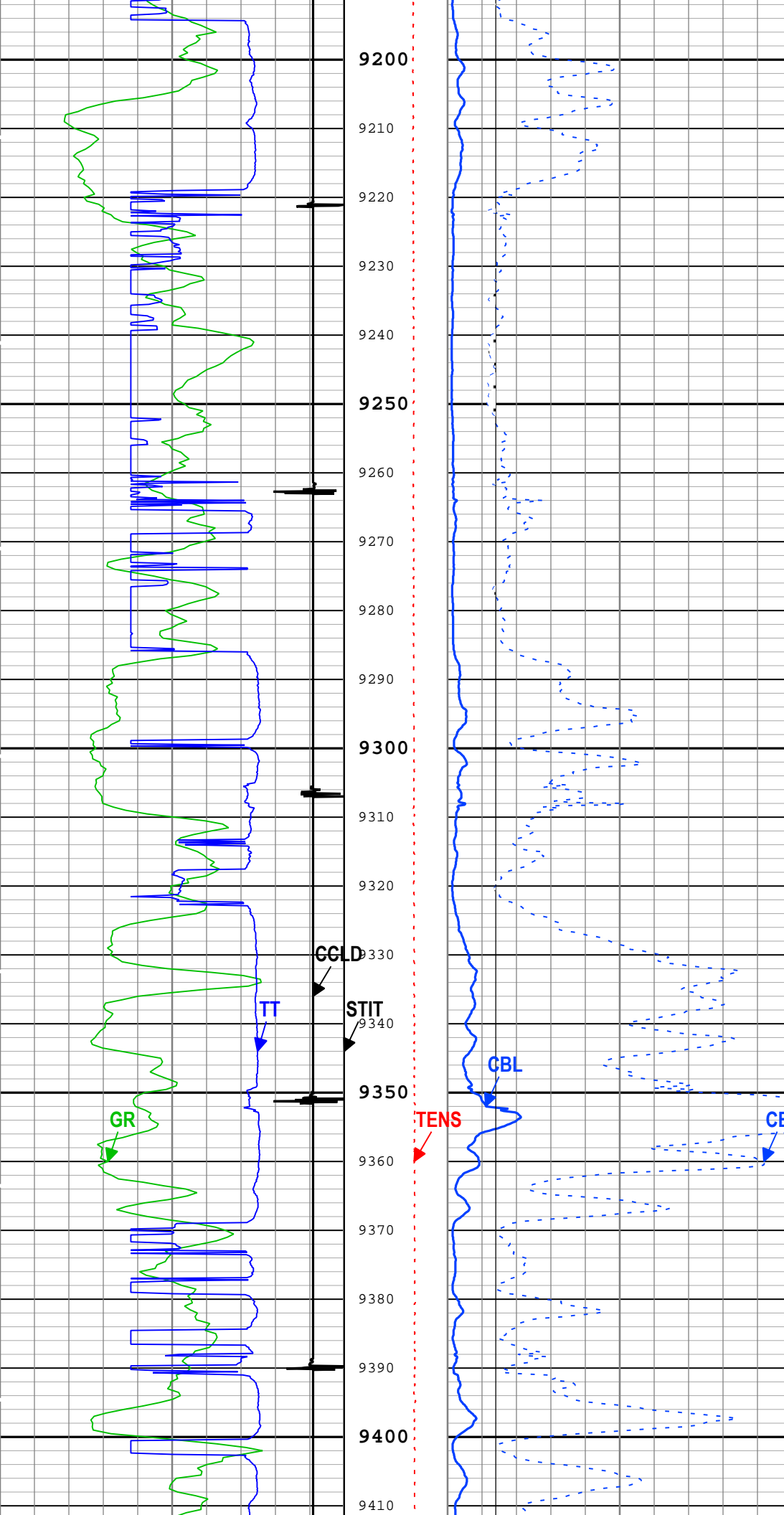


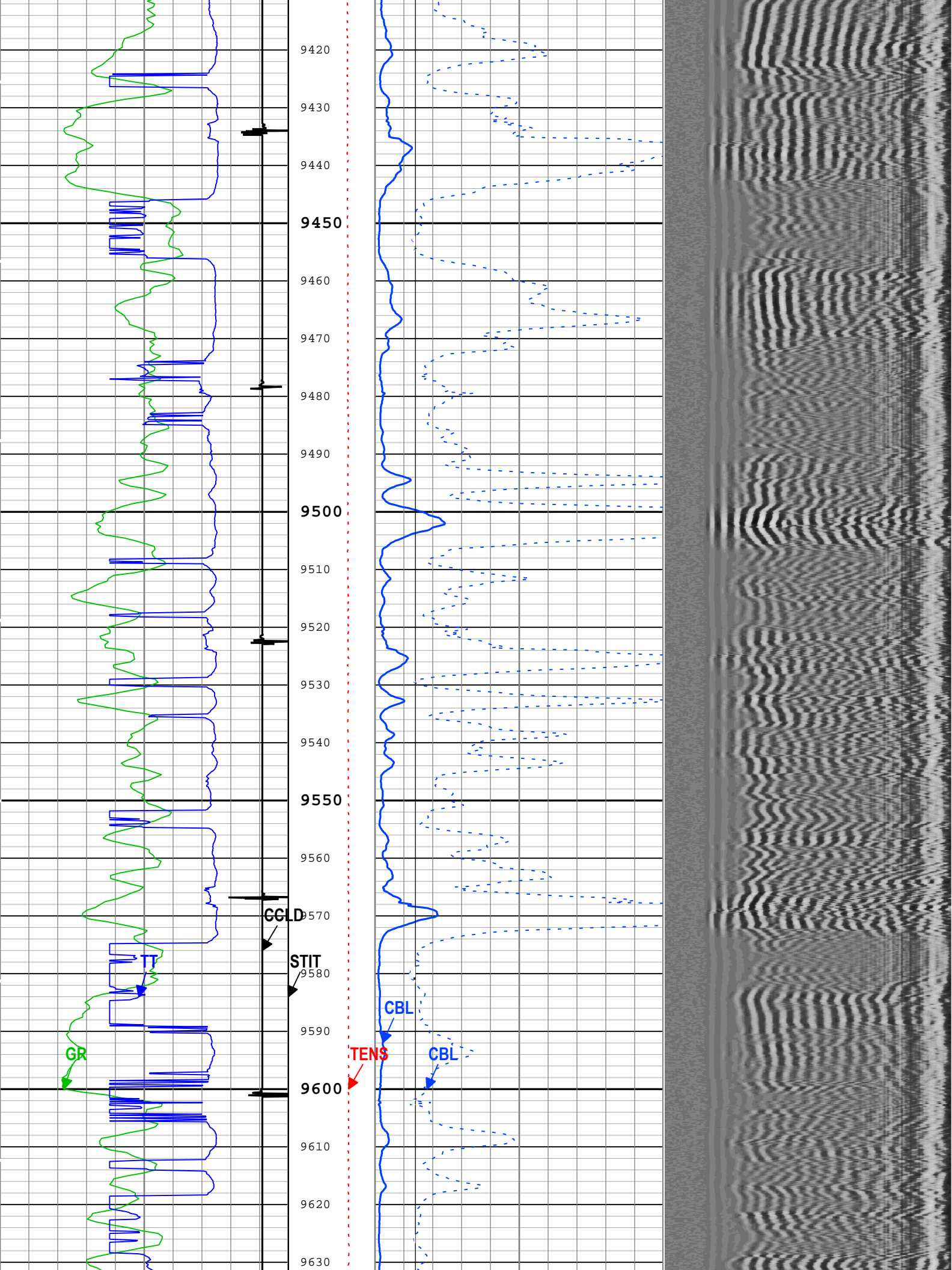


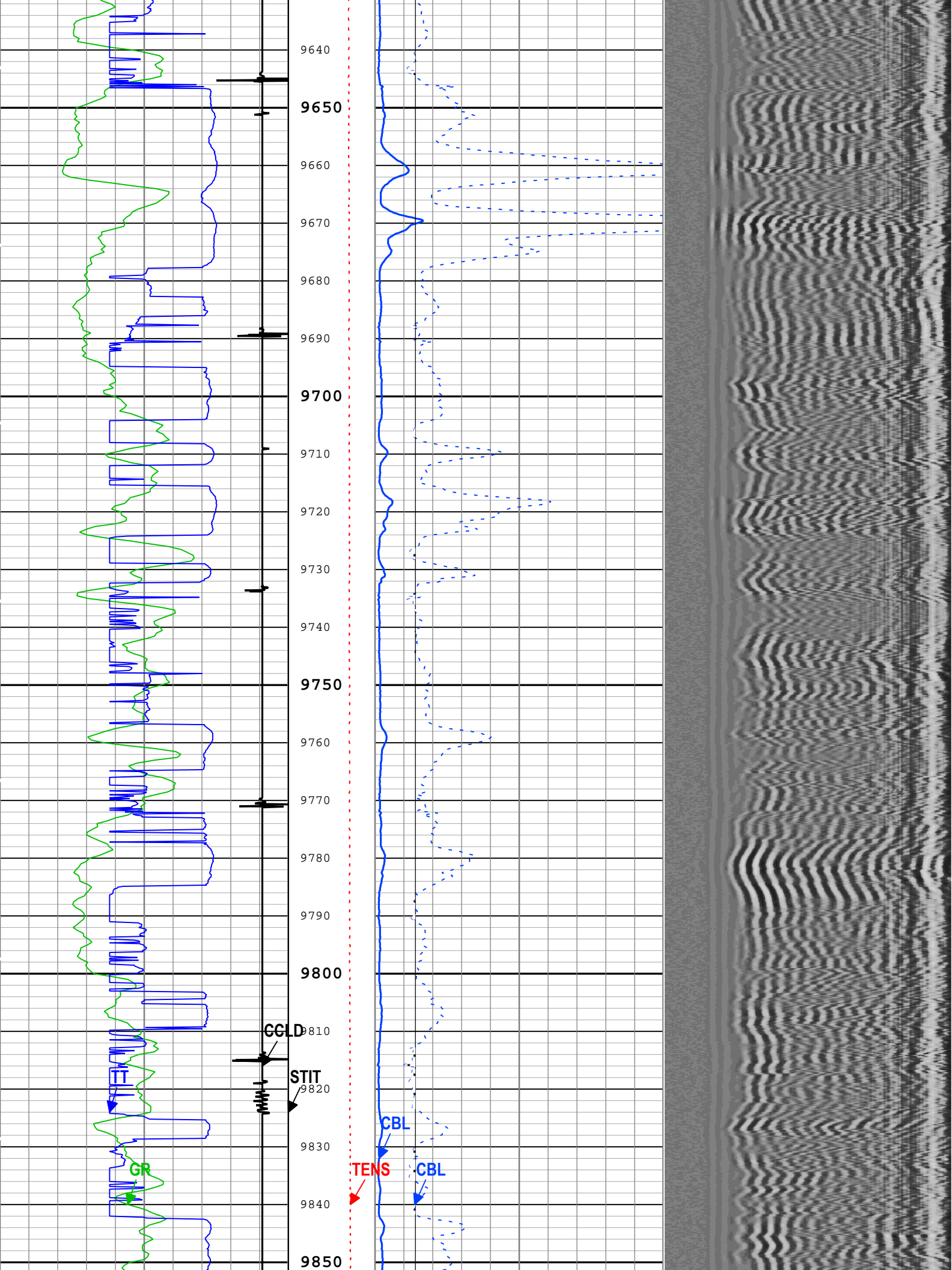


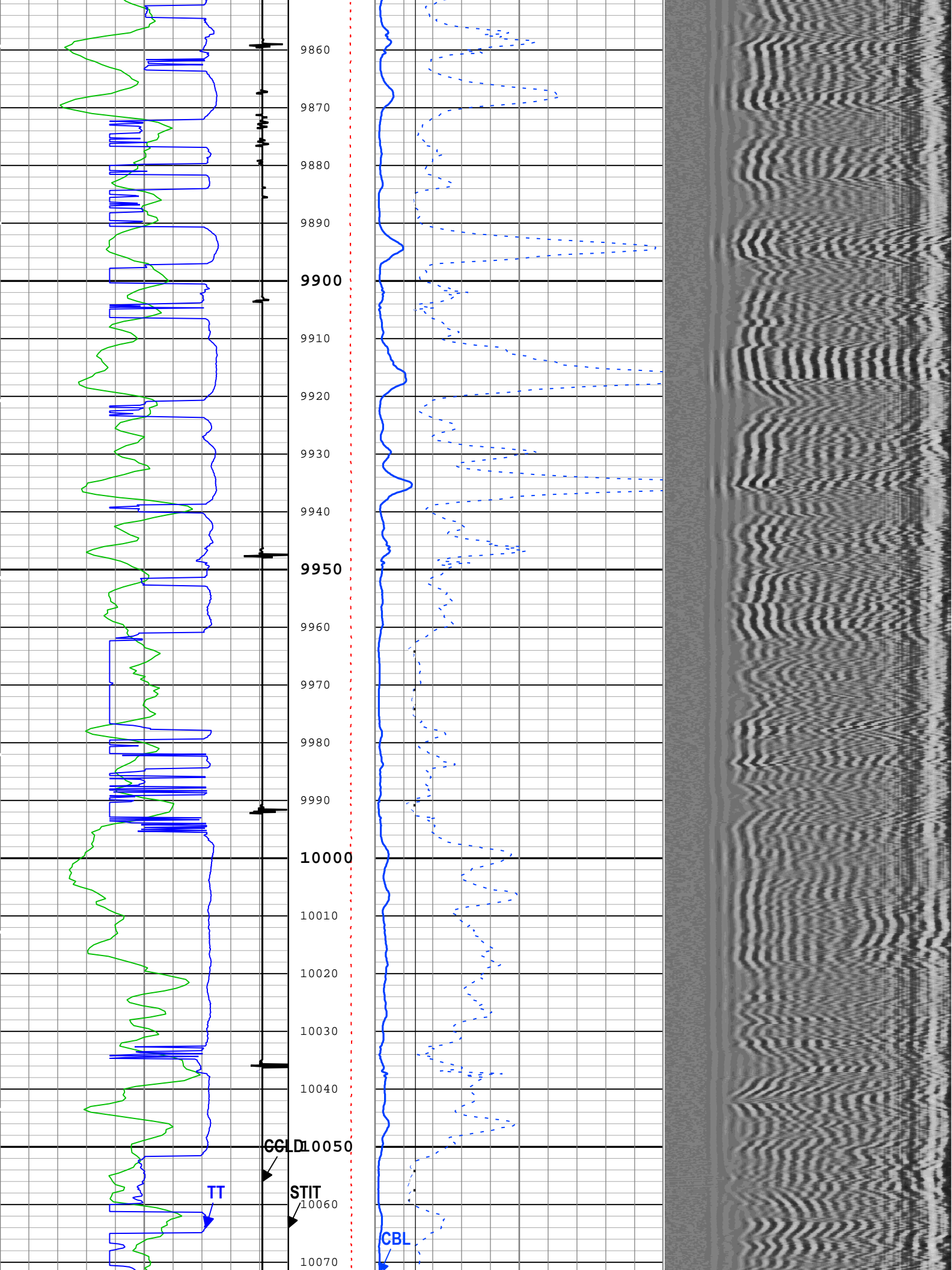


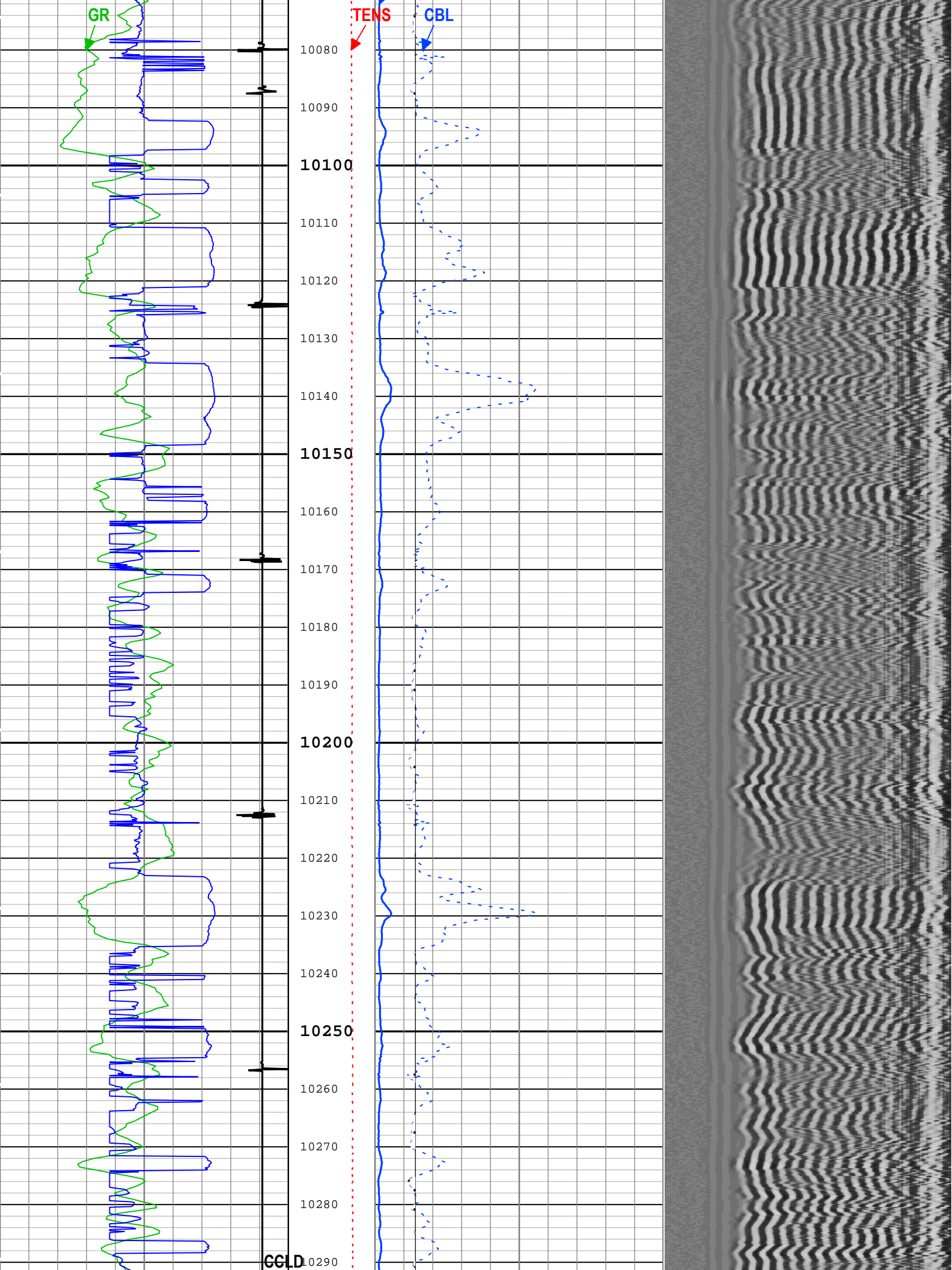


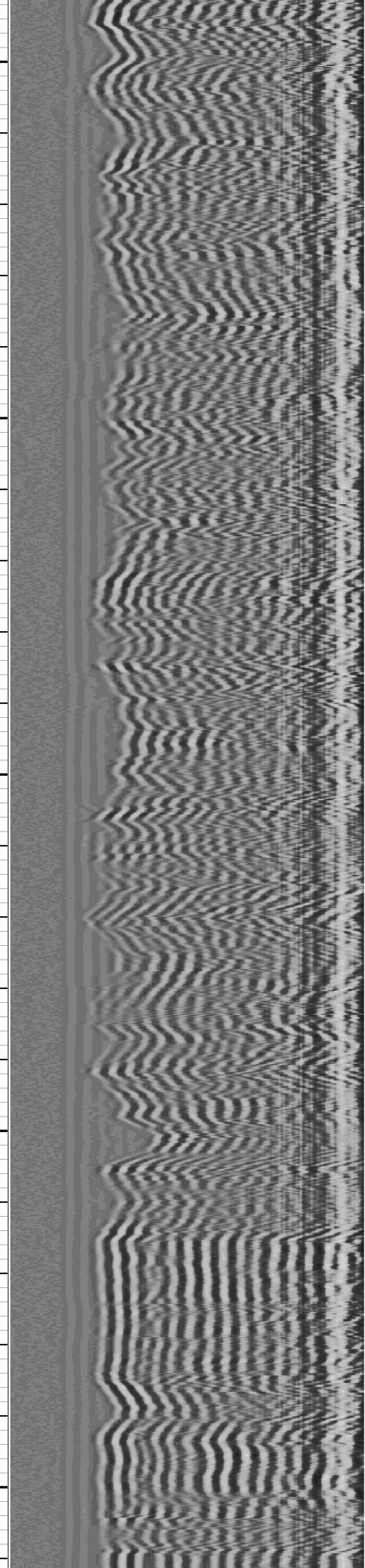
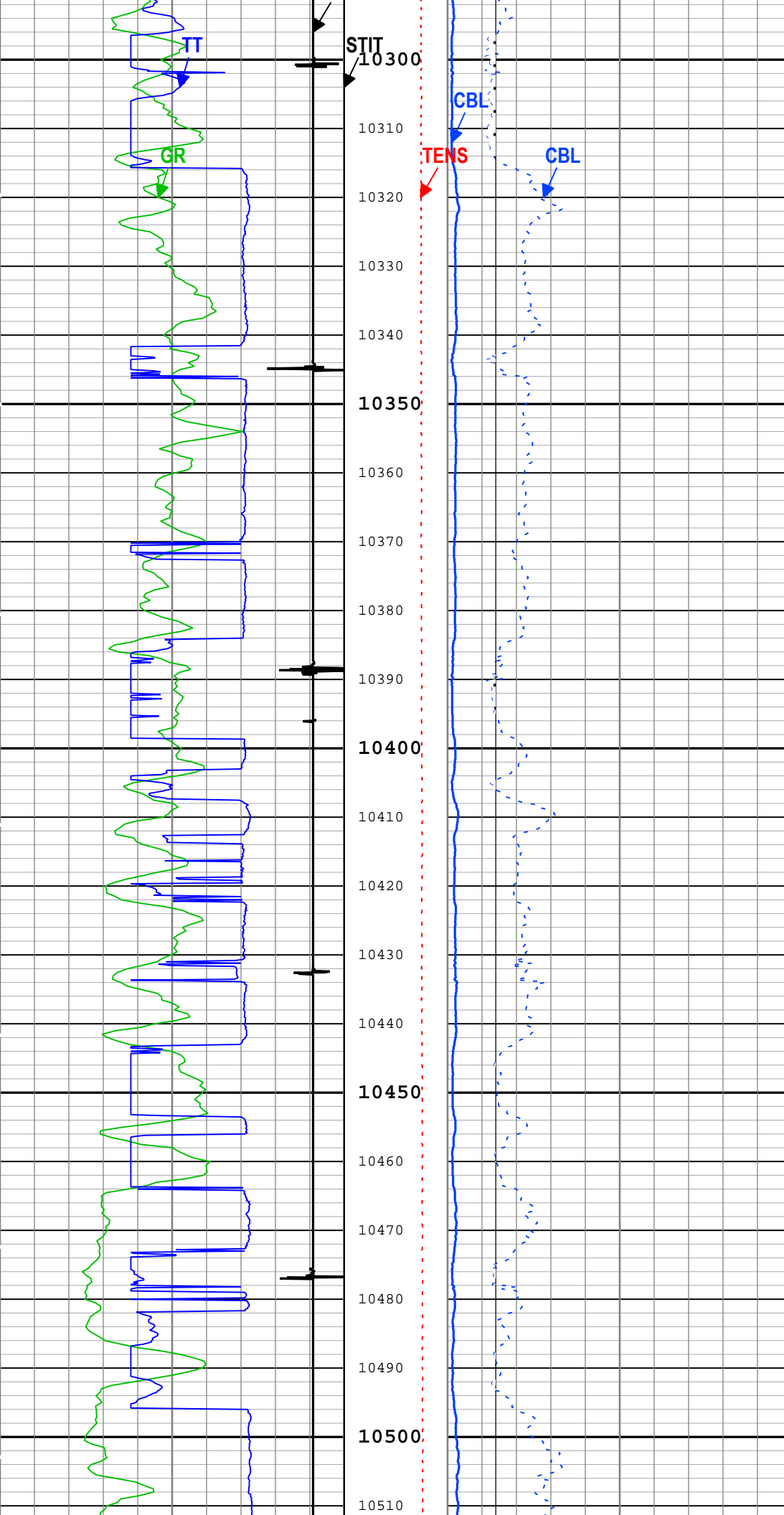


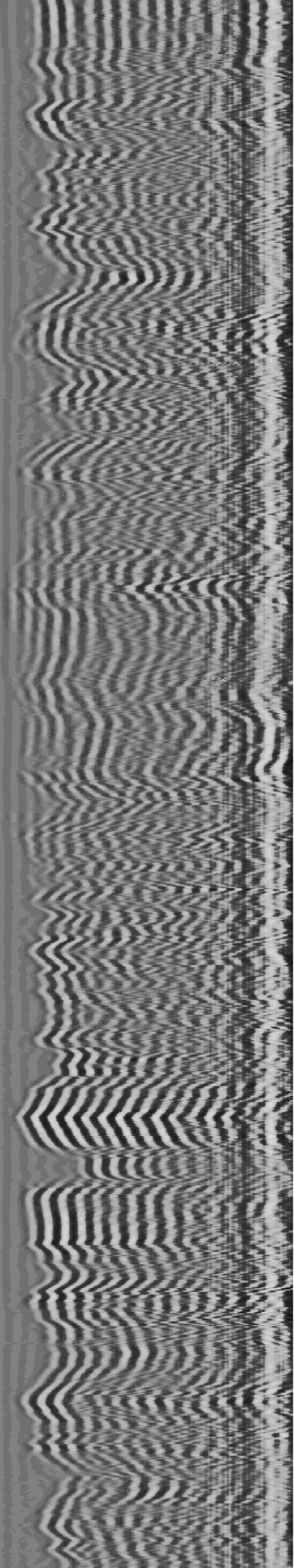
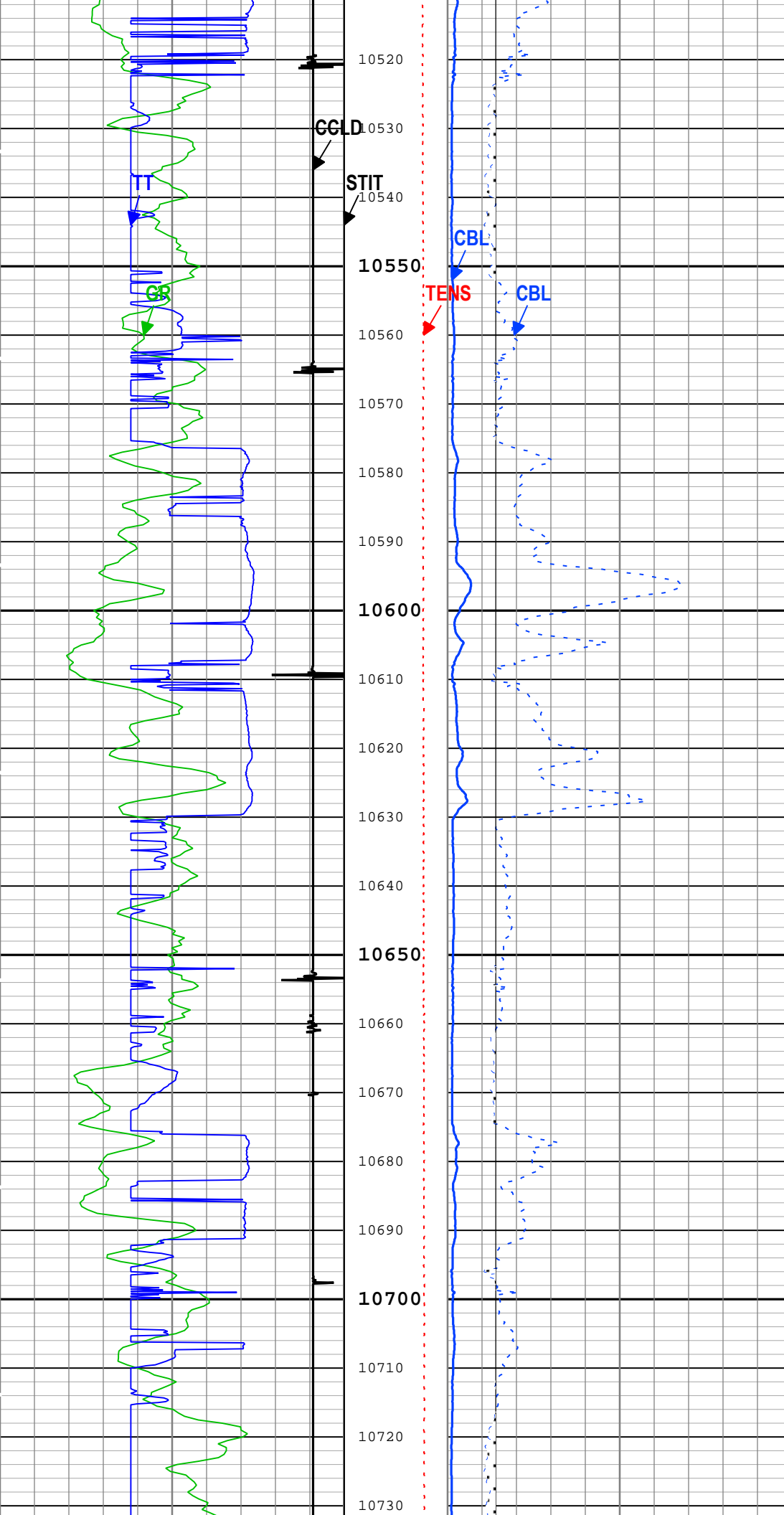












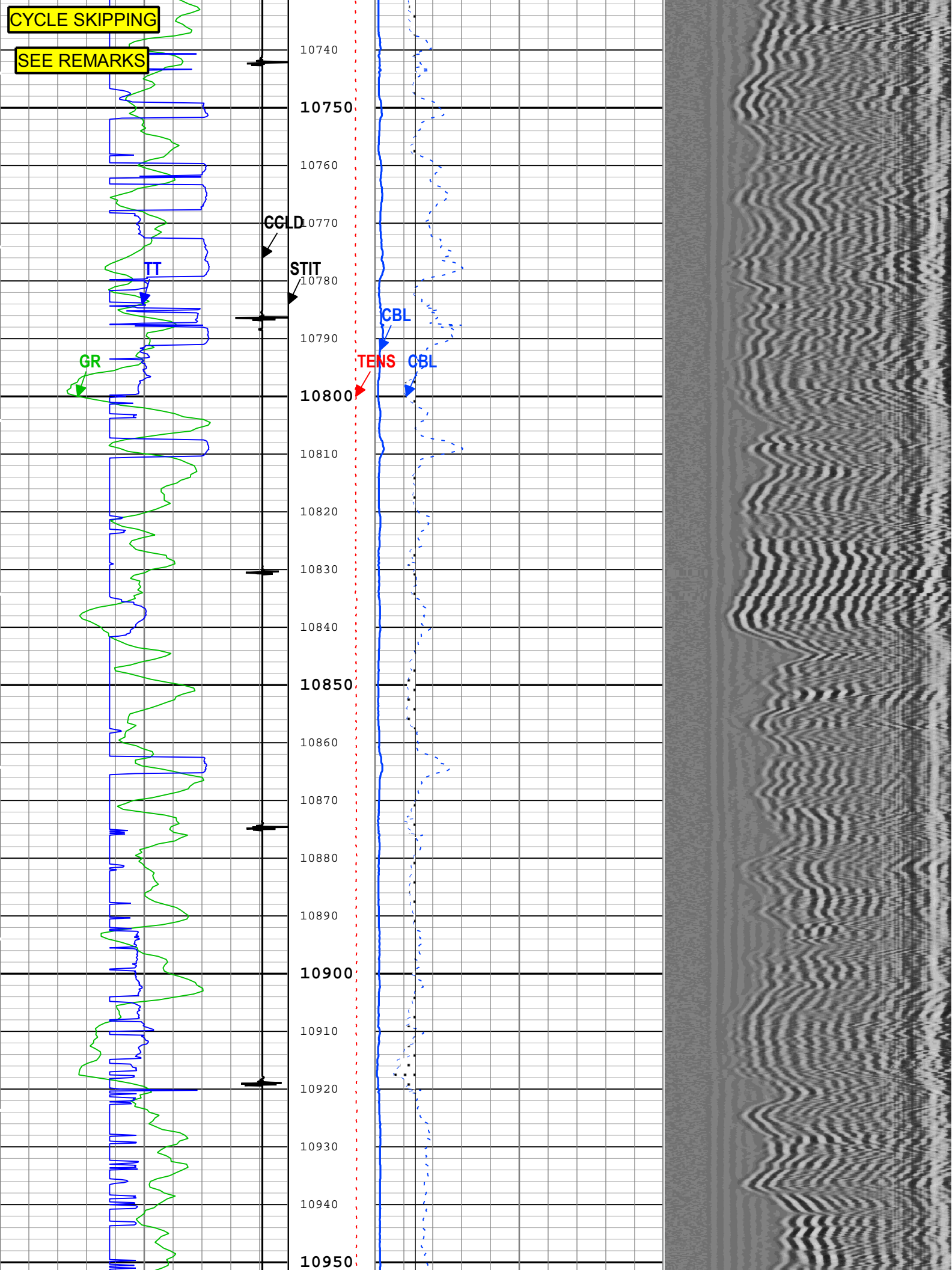
CYCLE SKIPPING

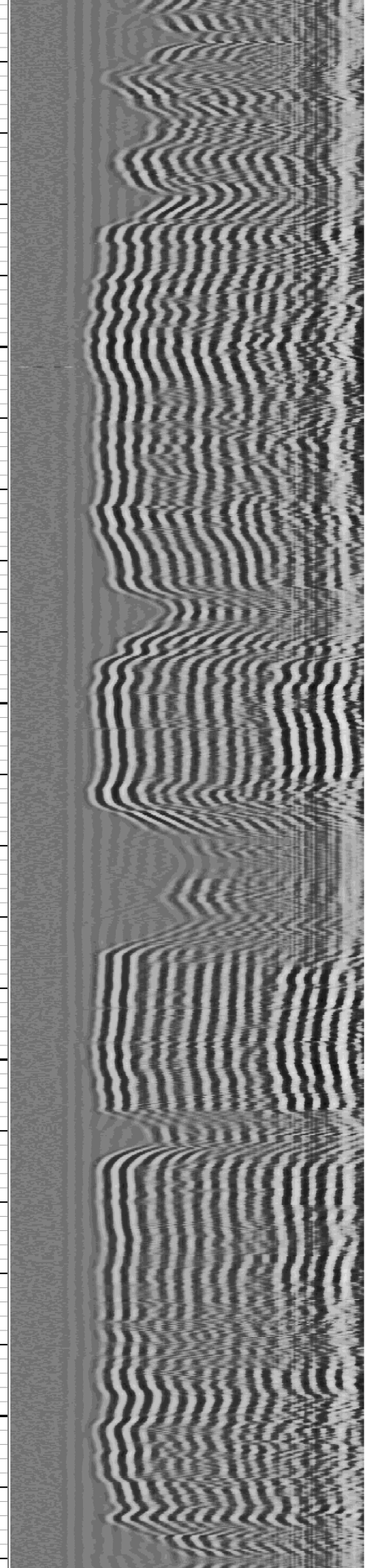
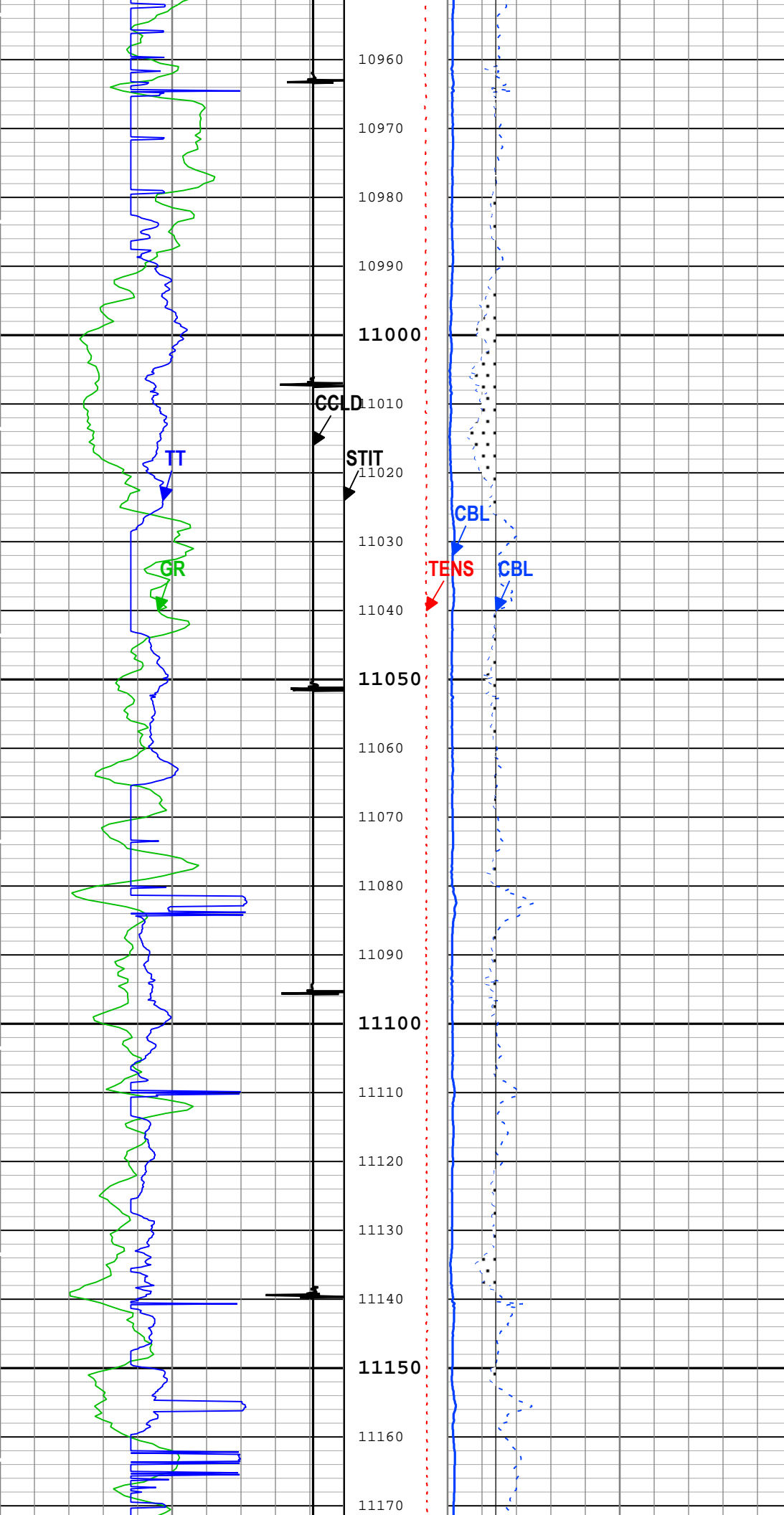
SEE REMARKS

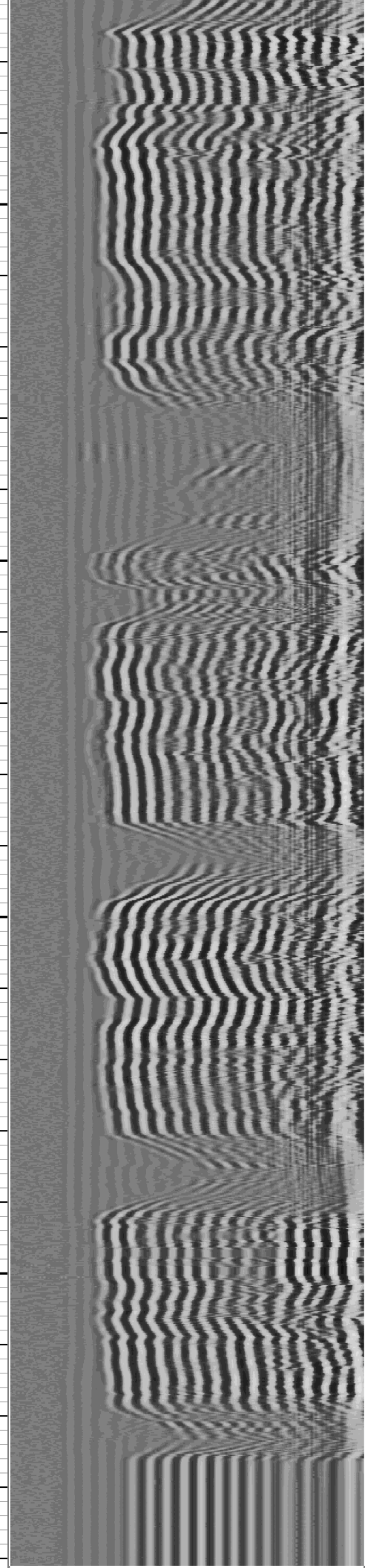
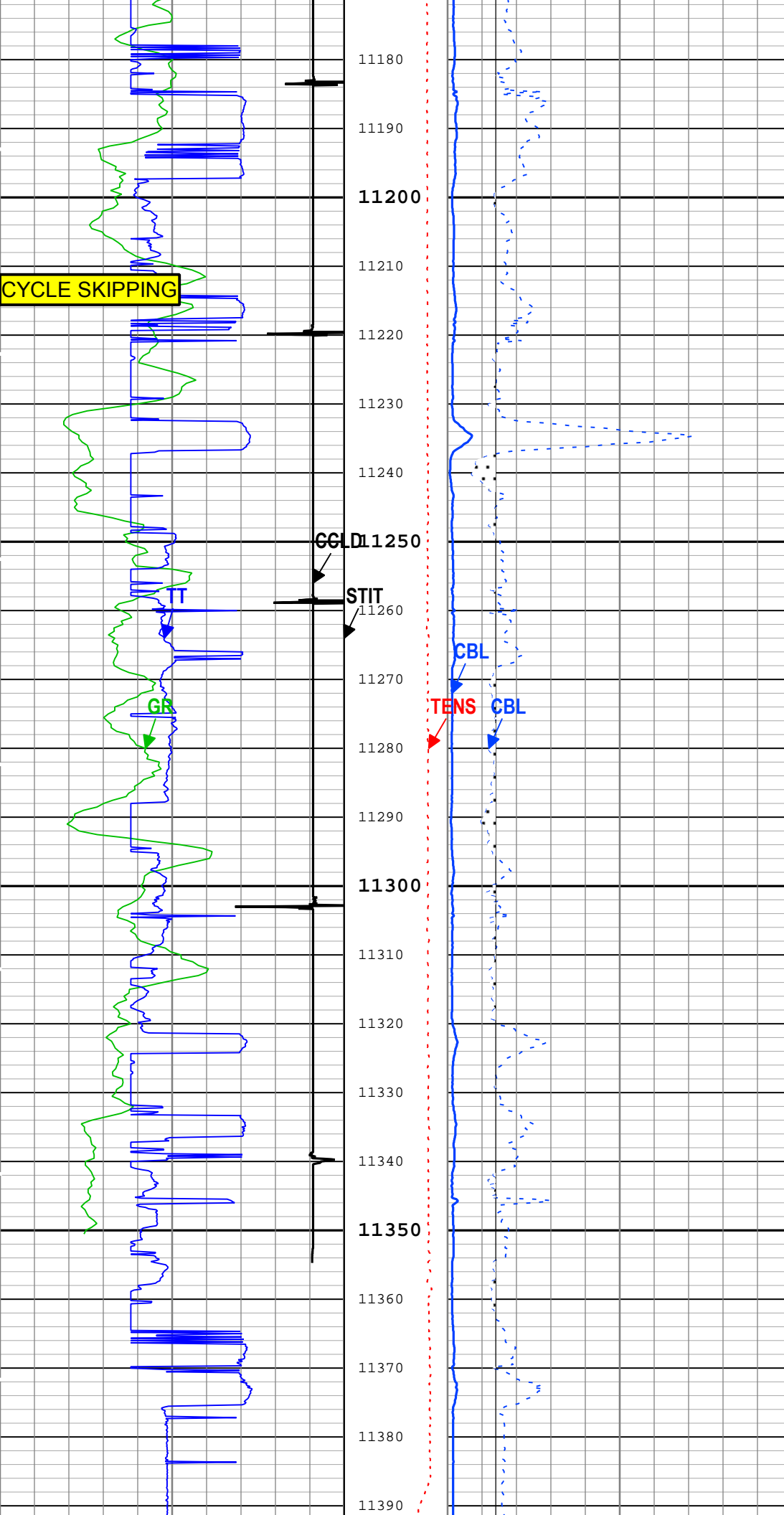
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CBL
TENS
CBL







11400

Gamma Ray (GR) PSTP-E

0gAPI150

Transit Time for CBL (TT) SCMT-CB

400us200

CCL Discriminated Amplitude (CCLD) PSTP-E

-10V1

Cable Tension (TENS)

0 lbf 1800

Stuck Tool Indicator, Total (STIT)

0 ft 50

Cable Drag

Tool_Tot. Drag

CBL Amplitude (CBL) SCMT-CB

0mV10

CBL Amplitude (CBL) SCMT-CB

0mV100

Good Bond (GOBO)

0mV10

GoodBond From CBL to GOBO

MinAmplitudeMax

VDL VariableDensity (VDL) SCMT-CB

200us1200

TIME_1900 - Time Marked every 60.00 (s)

■ BIEP - Bond Index Event Pips SCMT-CB

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: 20-Apr-2019 05:51:03

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	Time Zoned	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	8.4	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
DTMD	Borehole Fluid Slowness	Borehole	206	us/ft
GOBO_CURR	Good Bond in Arbitrary Cement	SCMT-CB	1.4	mV
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	WTEP	
MATT_CURR	Maximum Attenuation in Arbitrary Cement	SCMT-CB	16.92	dB/ft
MCI	Minimum Cemented Interval for Isolation	SCMT-CB	Depth Zoned	ft
MSA	Minimum Sonic Amplitude	SCMT-CB	0.51	mV
MSA_CURR	Minimum Sonic Amplitude in Arbitrary Cement	SCMT-CB	0.51	mV
RUN_SNUM	Run Sequence Number	WSDRUN	1	

Depth Zone Parameters

Parameter	Value	Start (ft)	Stop (ft)
MCI	14.81	2000	2843.4
MCI	1.25	2843.4	11400.67

All depth are actual.

Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth (ft)	Stop Depth (ft)
CBLG	60	19-Apr-2019 22:32:46	19-Apr-2019 22:48:18	11400.62	11064.28
CBLG	56	19-Apr-2019 22:48:18	20-Apr-2019 02:45:30	11064.28	3735.28
CBLG	53	20-Apr-2019 02:45:30	20-Apr-2019 03:14:46	3735.28	2814.13
CBLG	37	20-Apr-2019 03:14:46	20-Apr-2019 03:40:22	2814.13	2005.37

All depth are actual.

All depth are at tool zero.

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-E	0 dB	

ONE

RST REPEAT PASS [5:100]

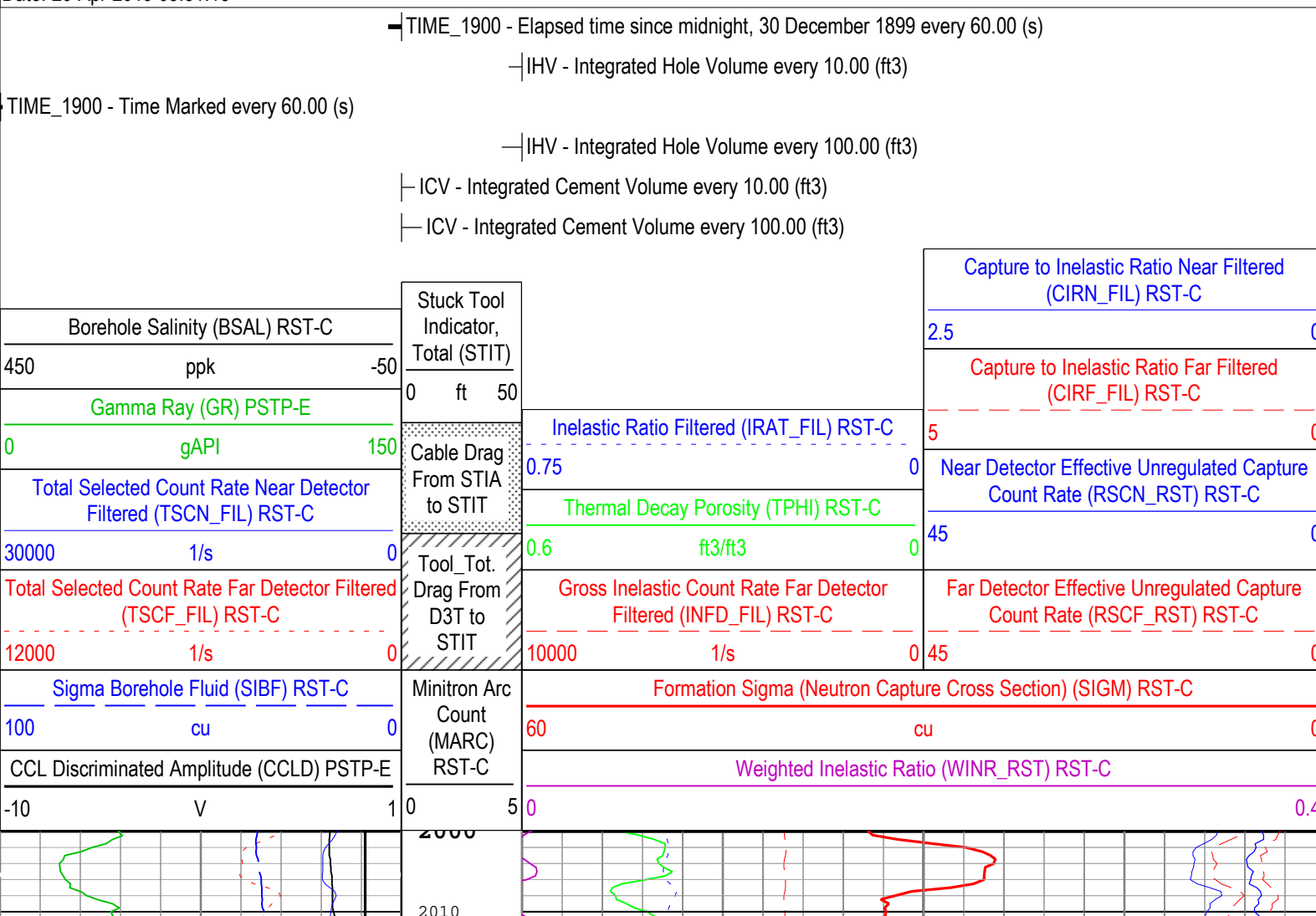
Software Version	
Acquisition System	Version
Maxwell 2018 SP2	8.2.104493.3100
Application Patch	Wireline_Hotfix-Mandatory-2018.2_8.2.108371

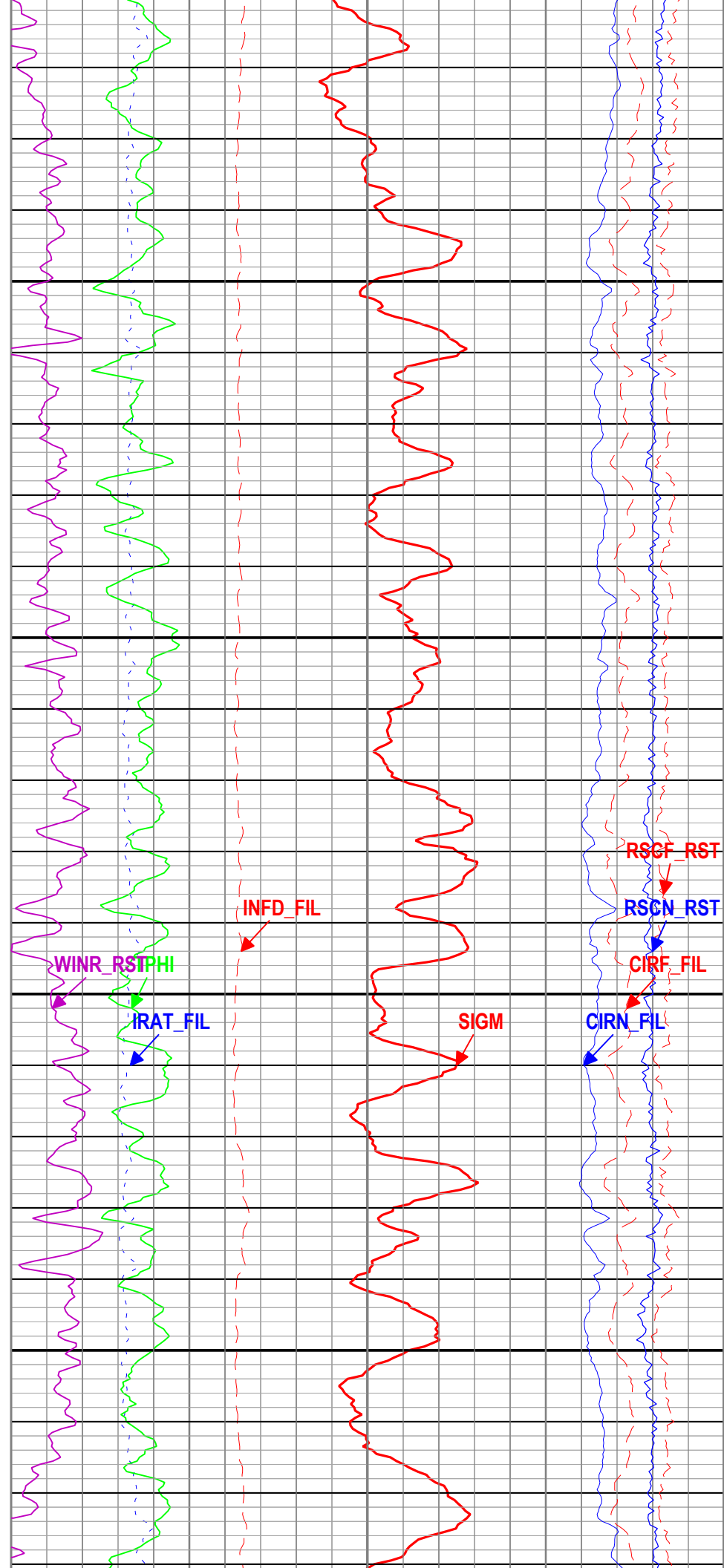
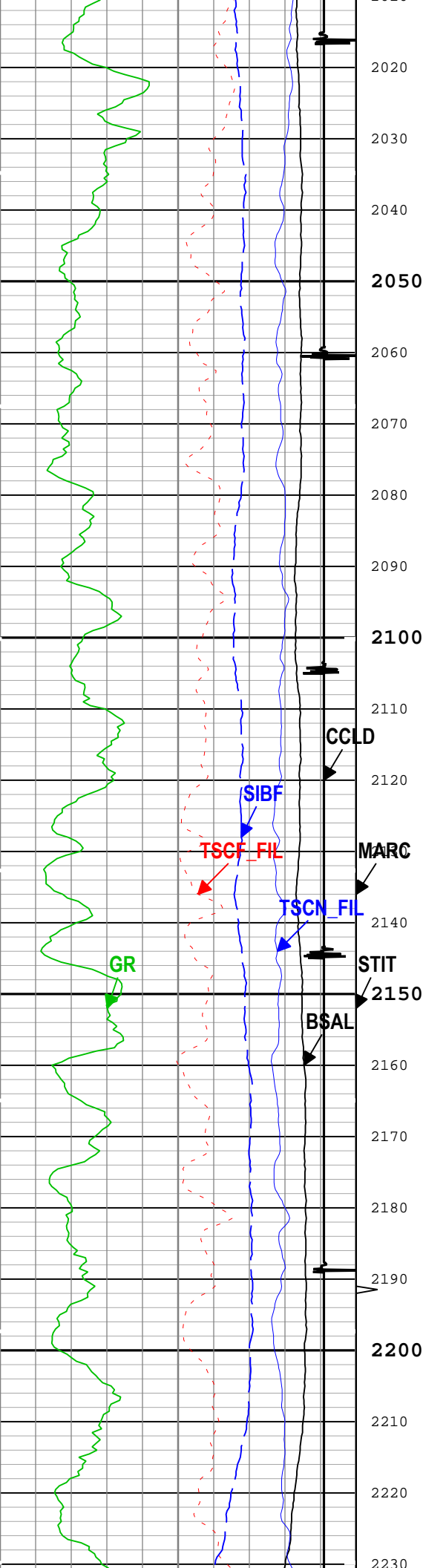
Pass Summary									
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
ONE	Log[4]:Up	Up	2005.37 ft	11400.63 ft	19-Apr-2019 10:32:46 PM	20-Apr-2019 3:40:22 AM	ON	4.17 ft	Yes

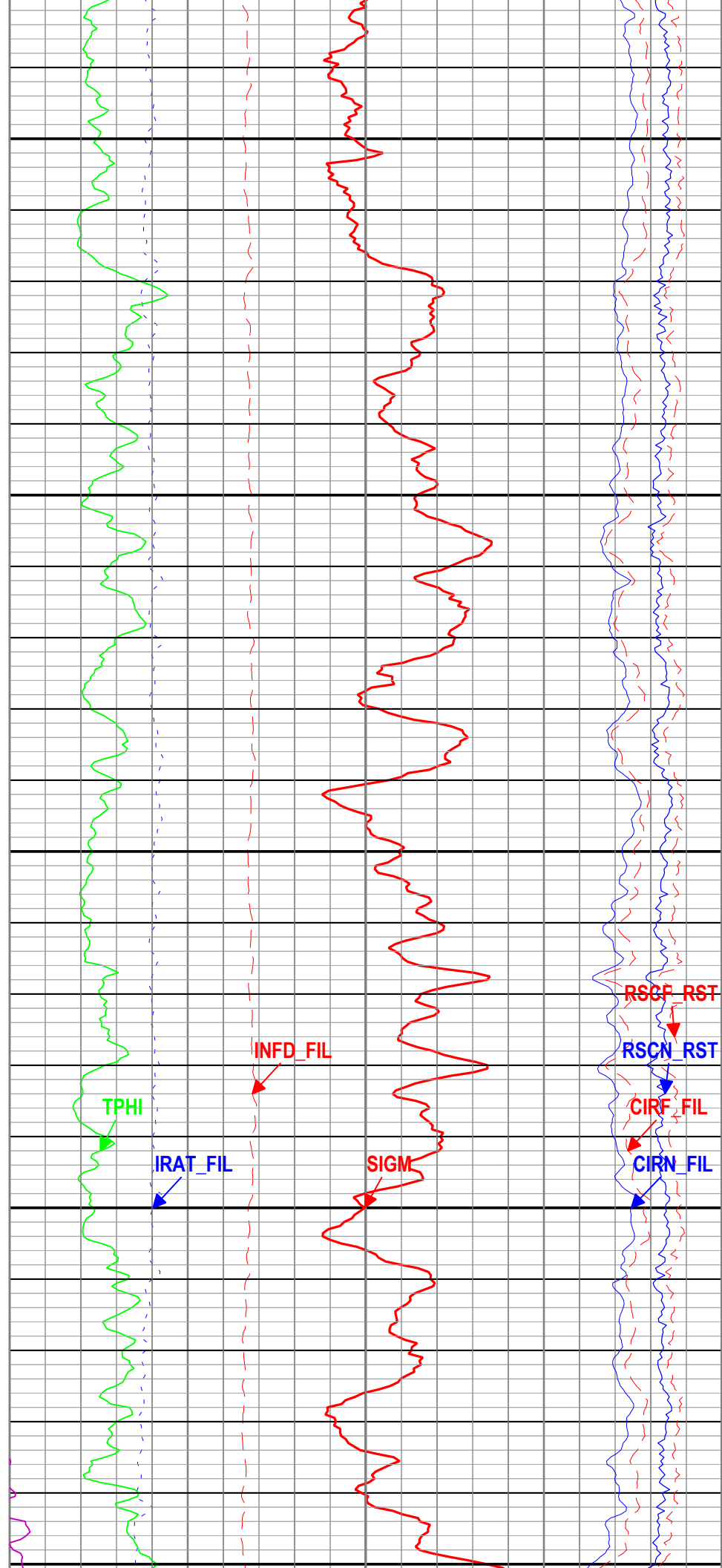
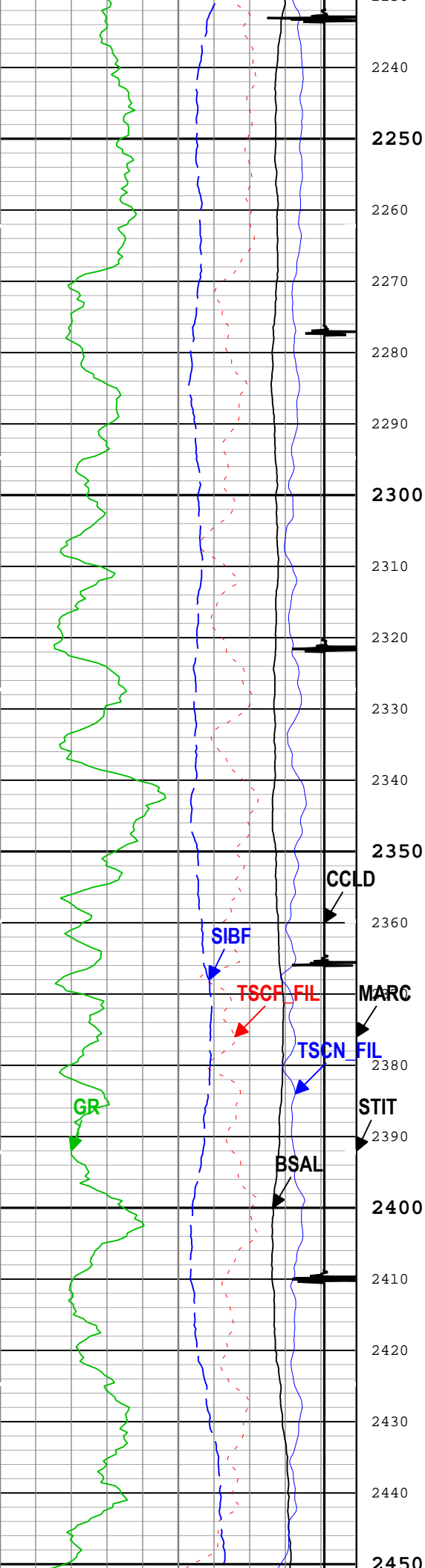
All depths are referenced to toolstring zero

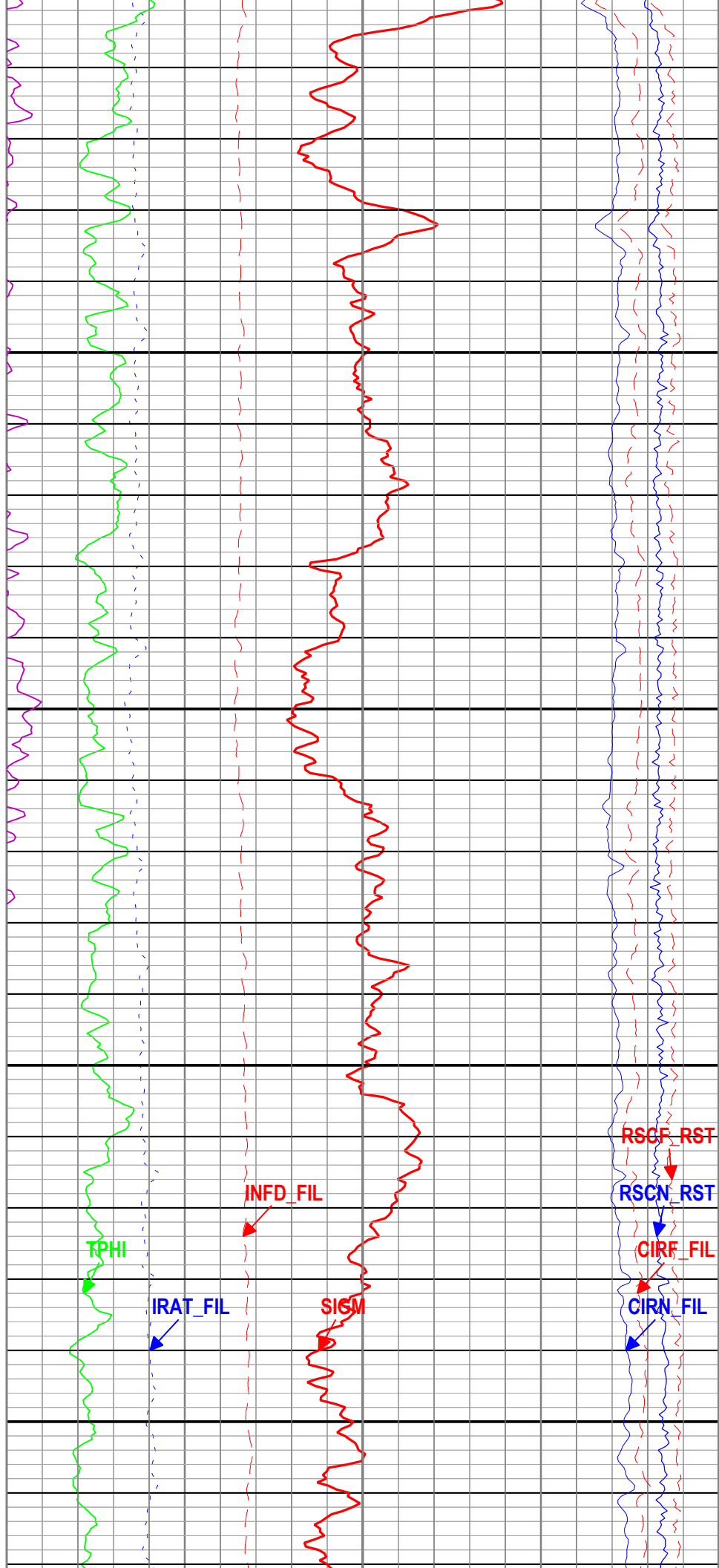
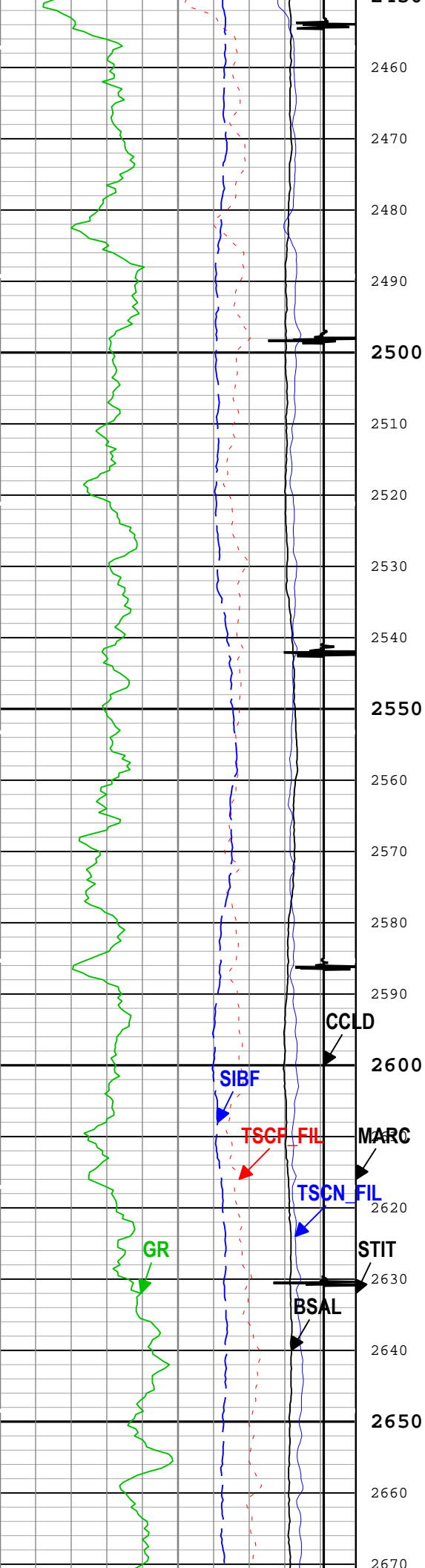
Log	Company:CAERUS OIL & GAS LLC	Well:NPR 24A-3 596
		ONE: Log[4]:Up:S003

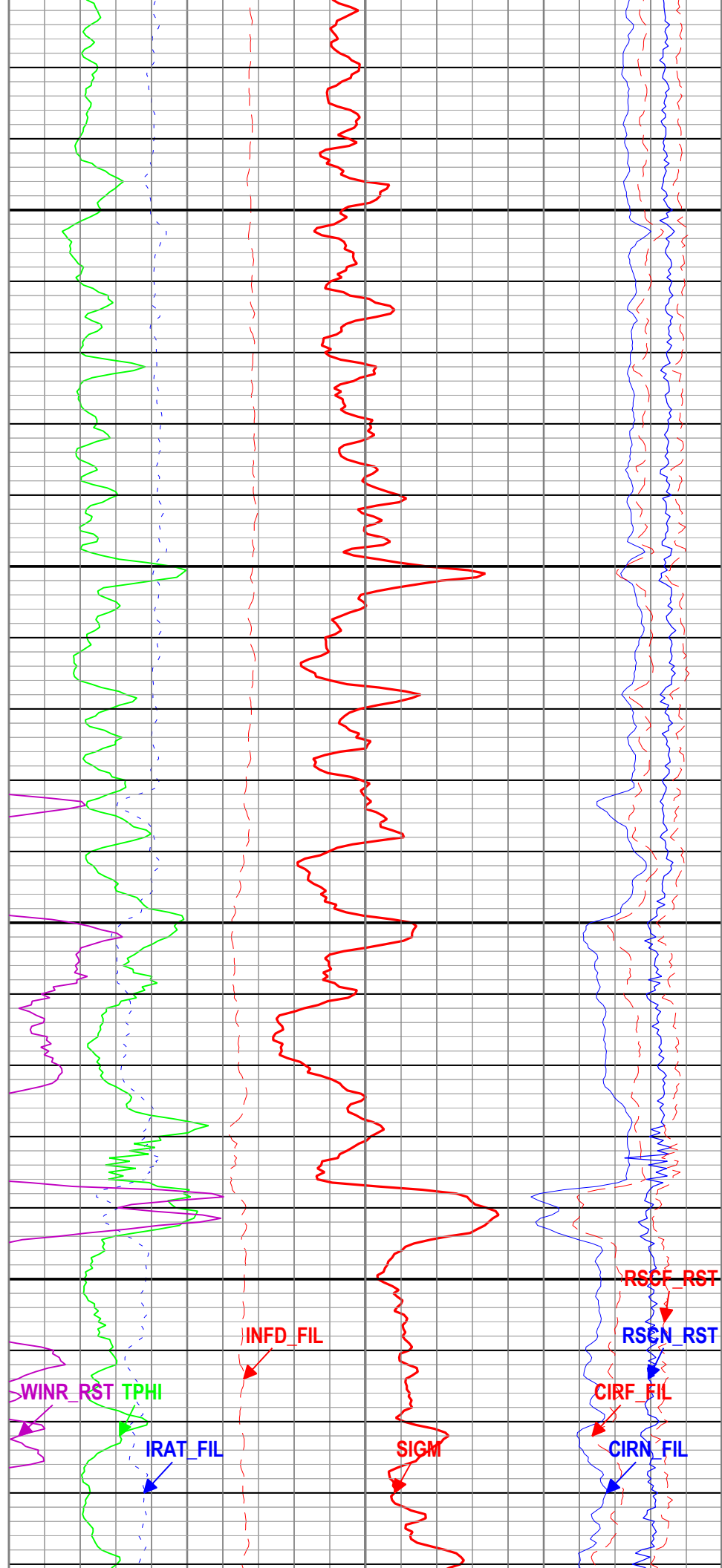
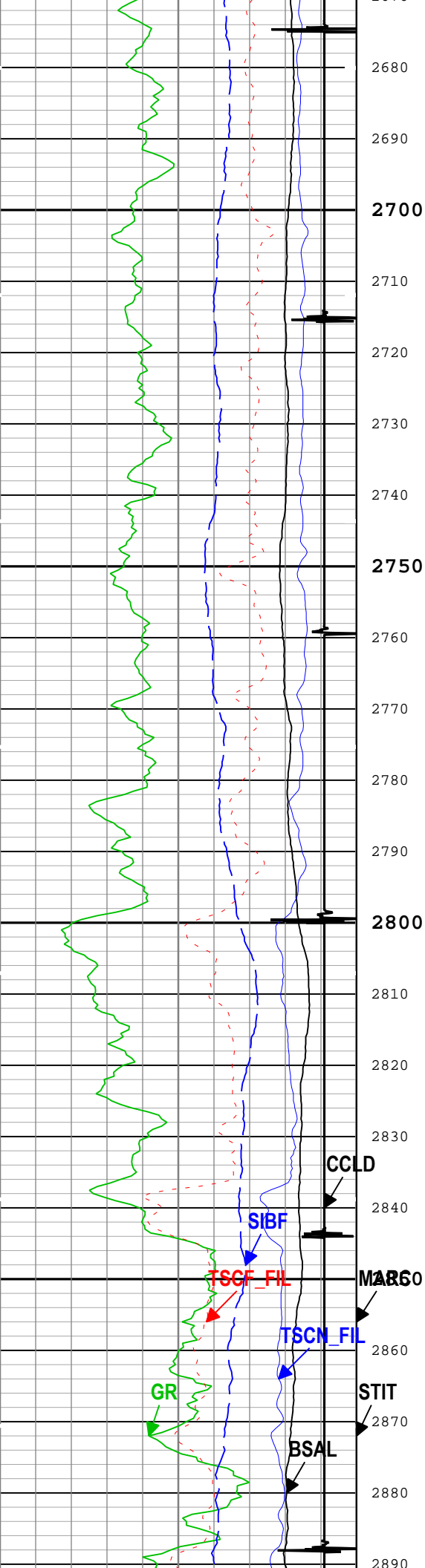
Description: RST SIGMA Answer Format: Log (RST SIGMA Answer) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 20-Apr-2019 05:51:13

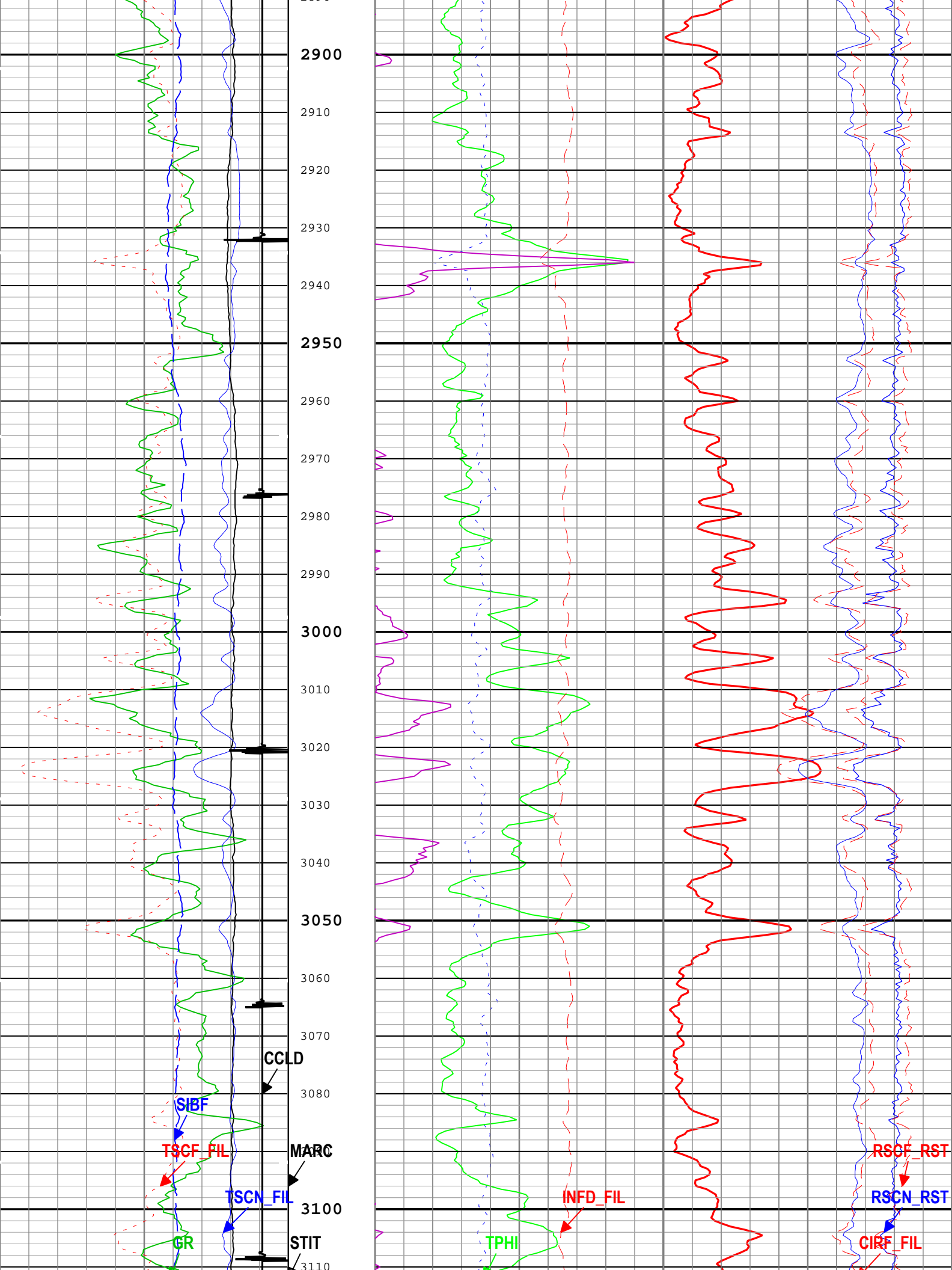


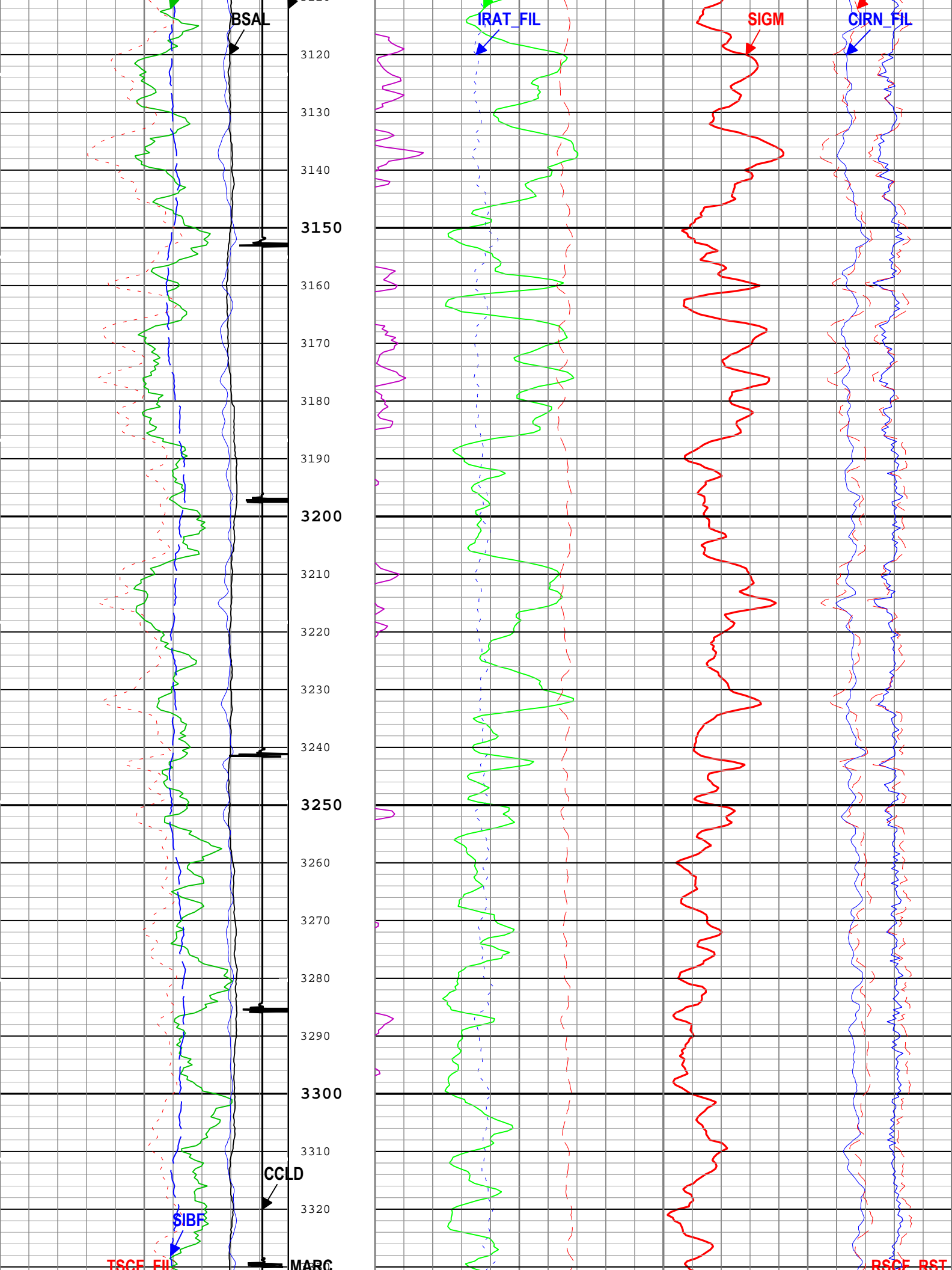


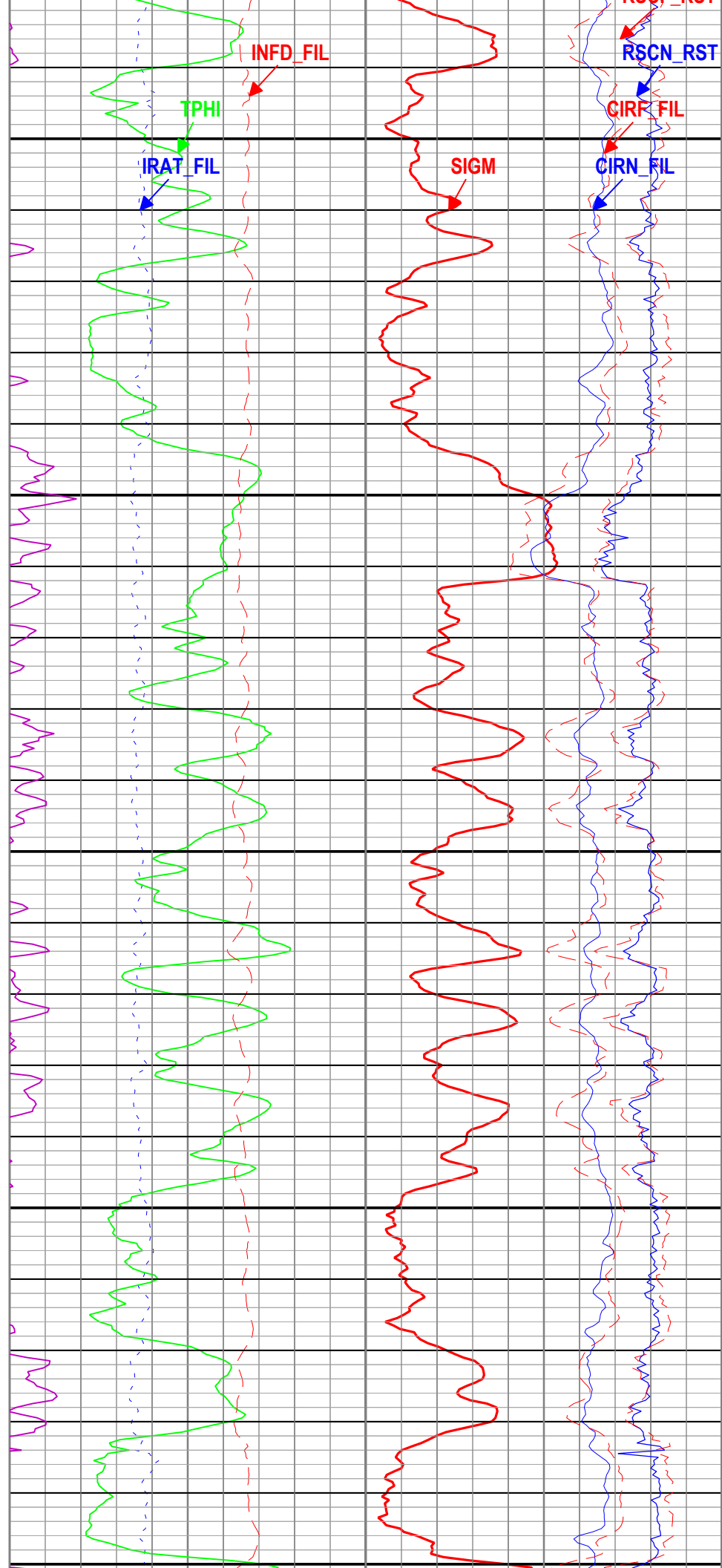
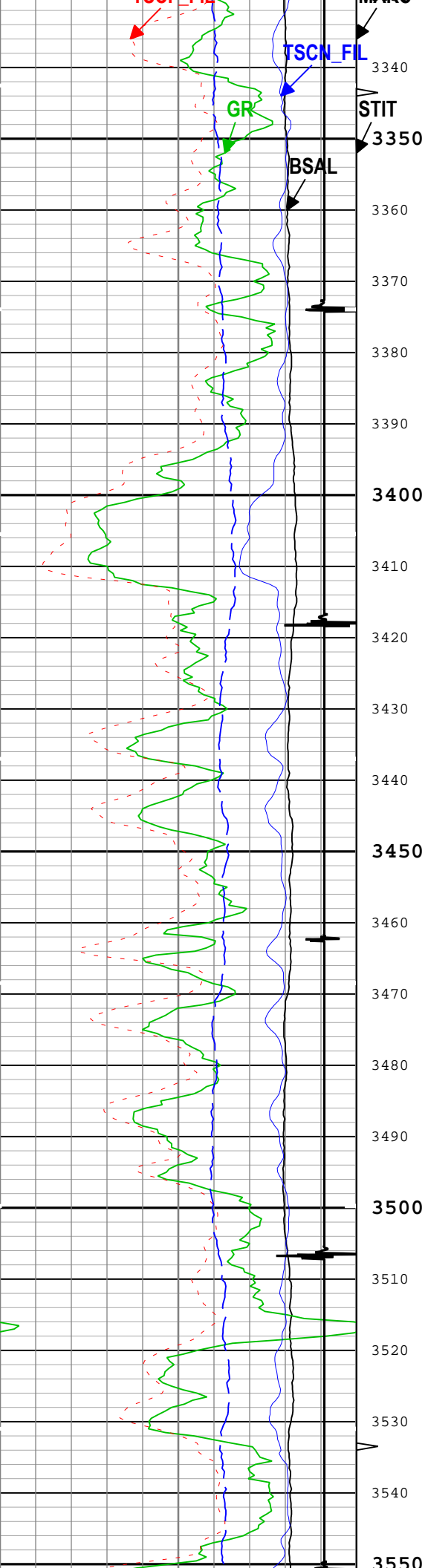


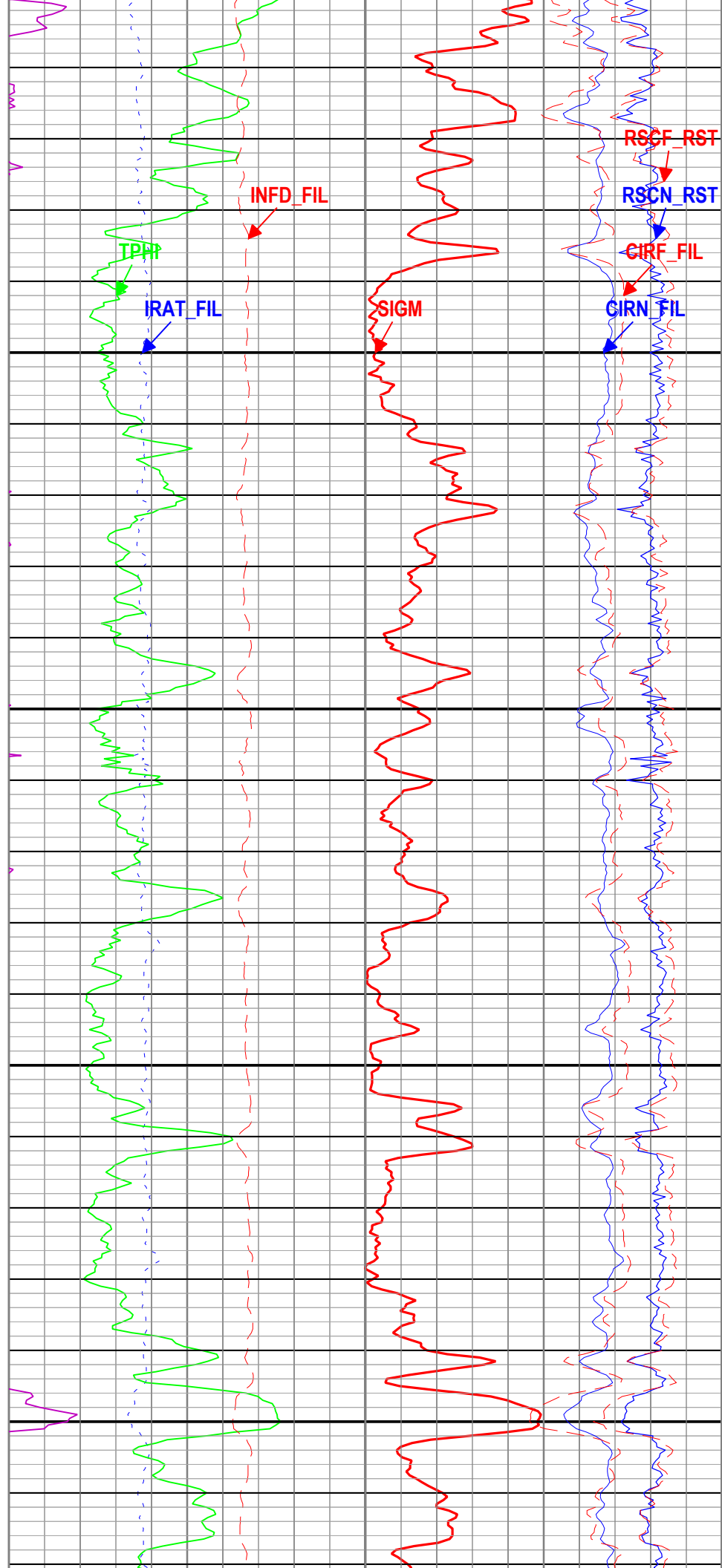
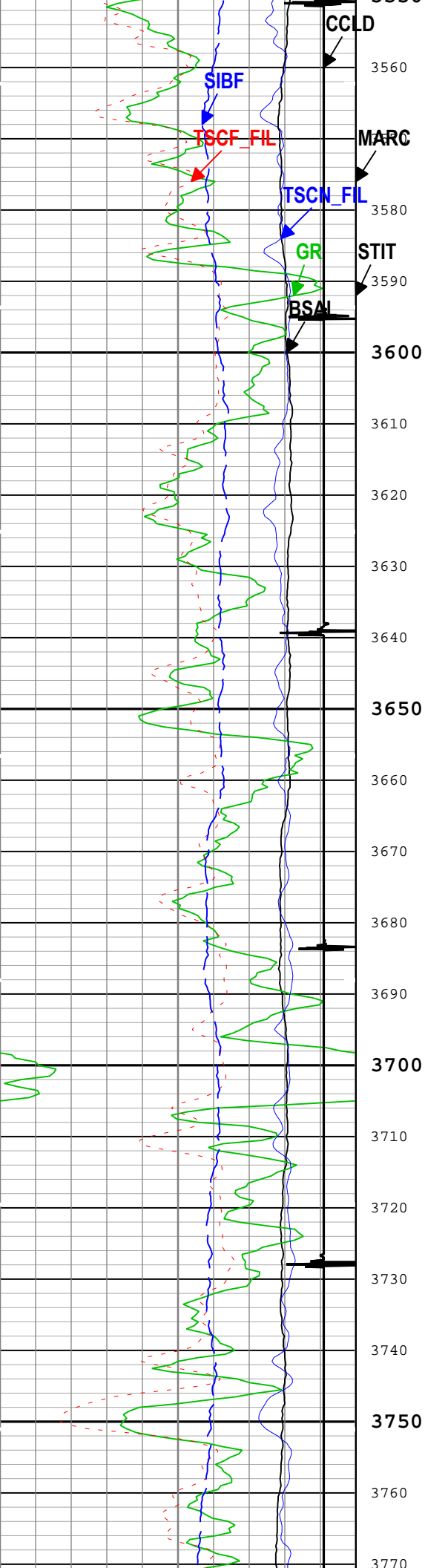


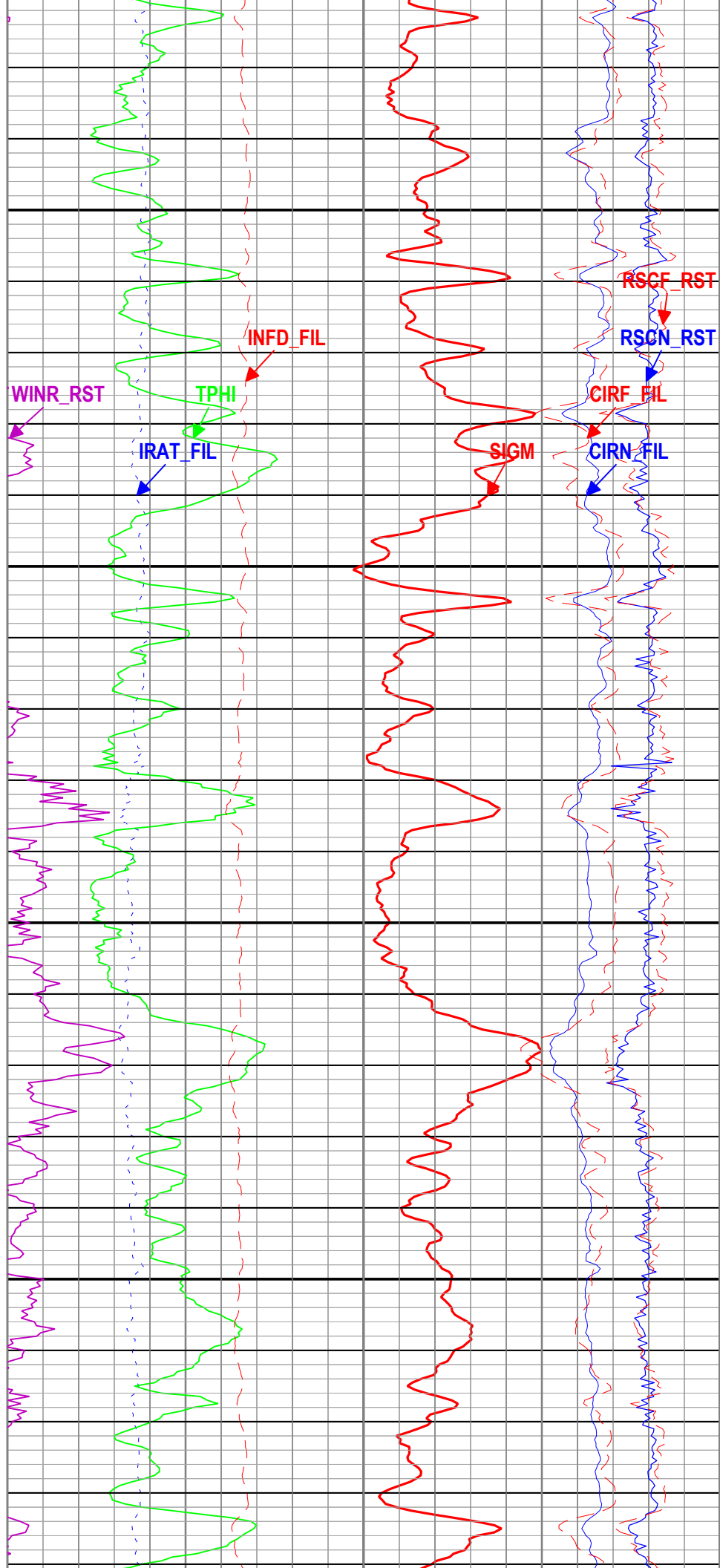
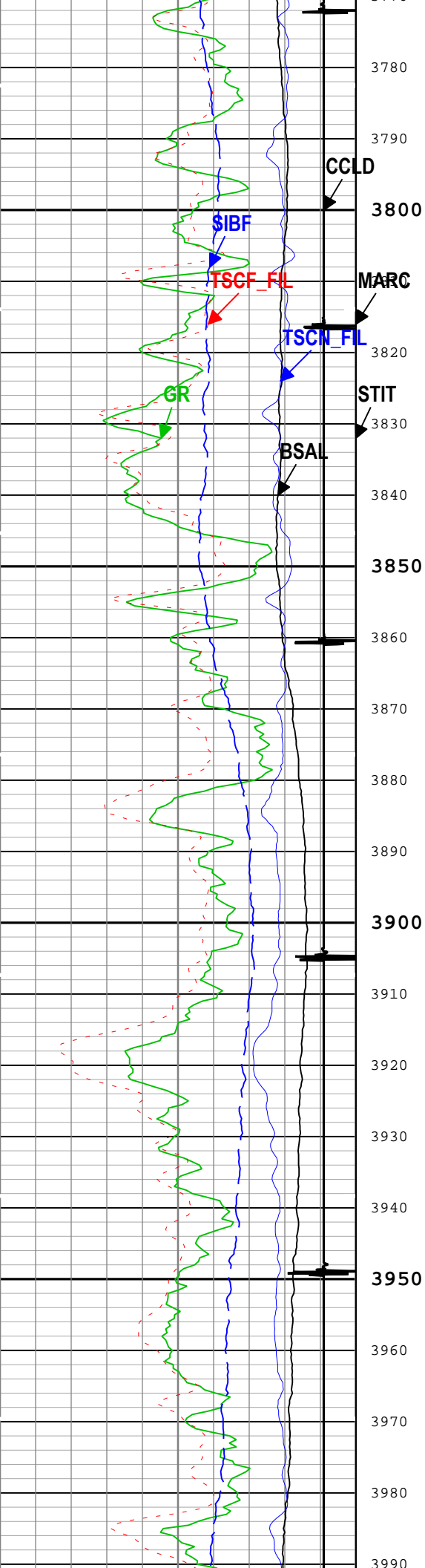


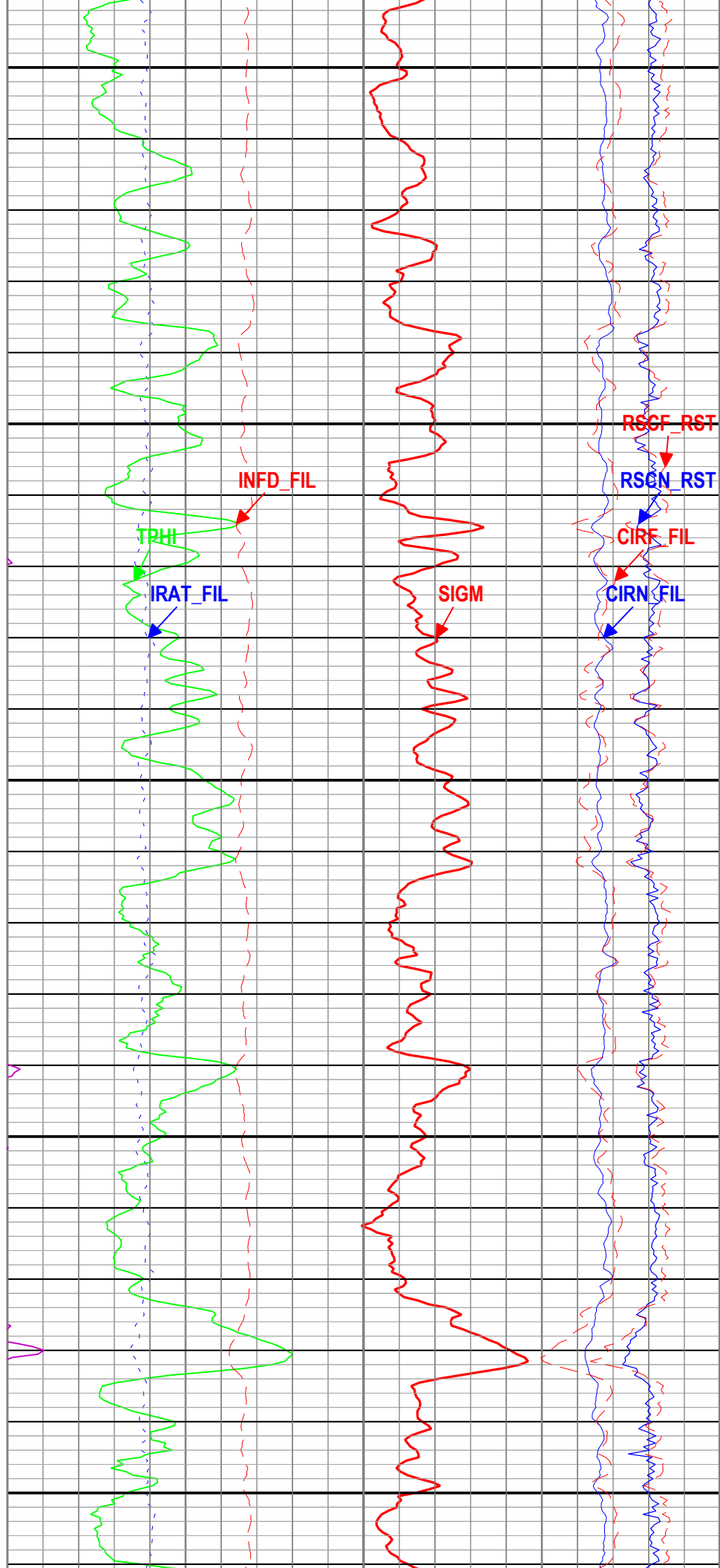
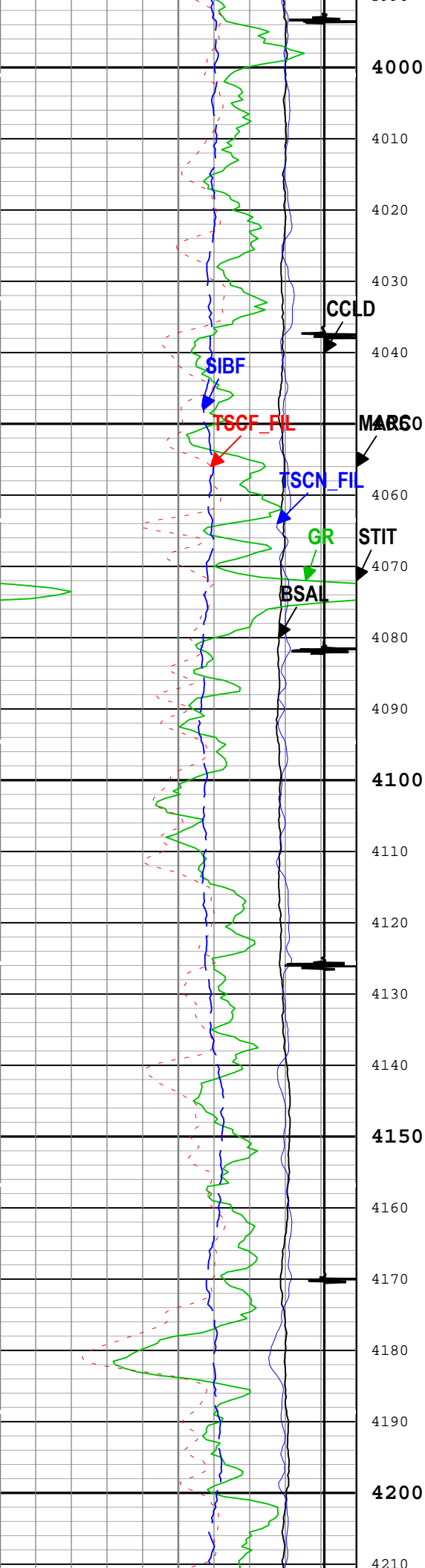


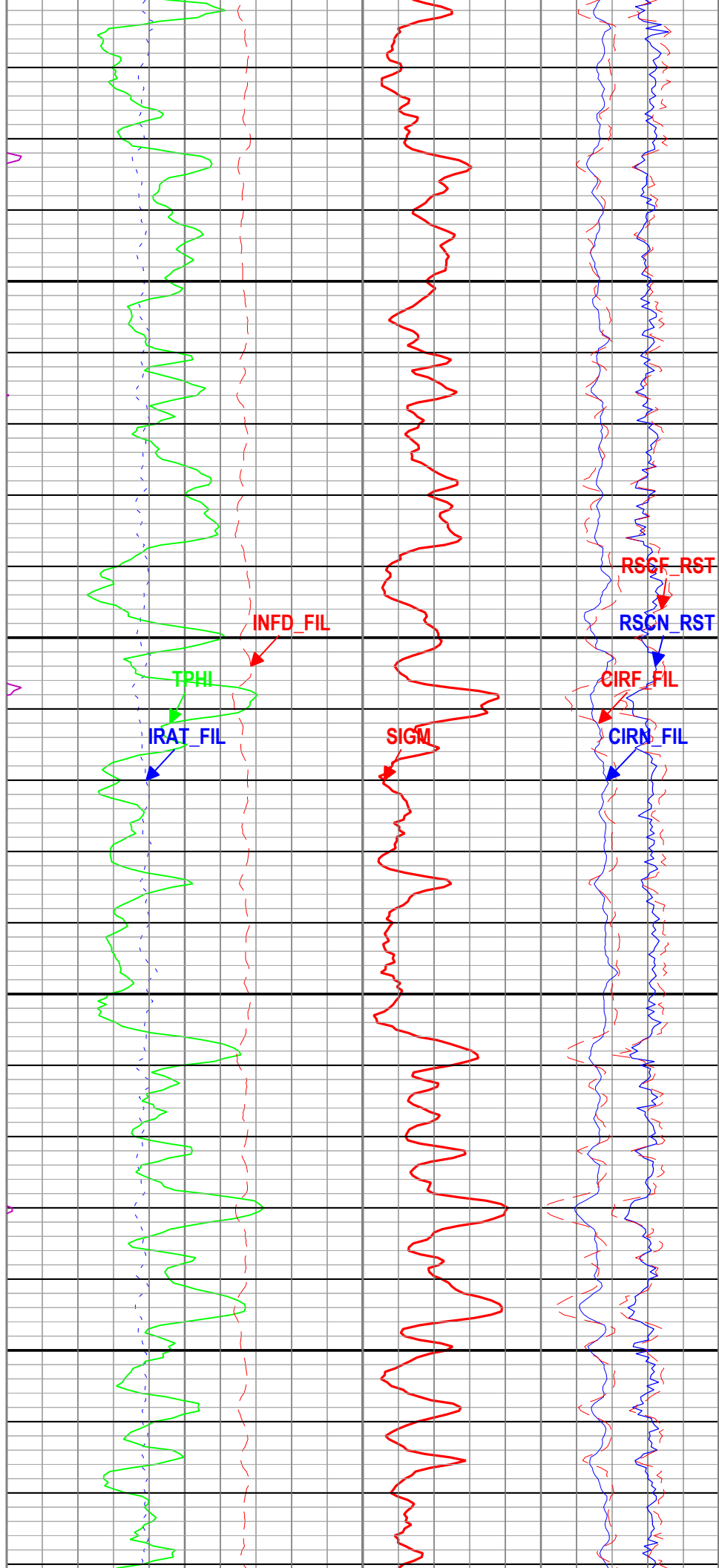
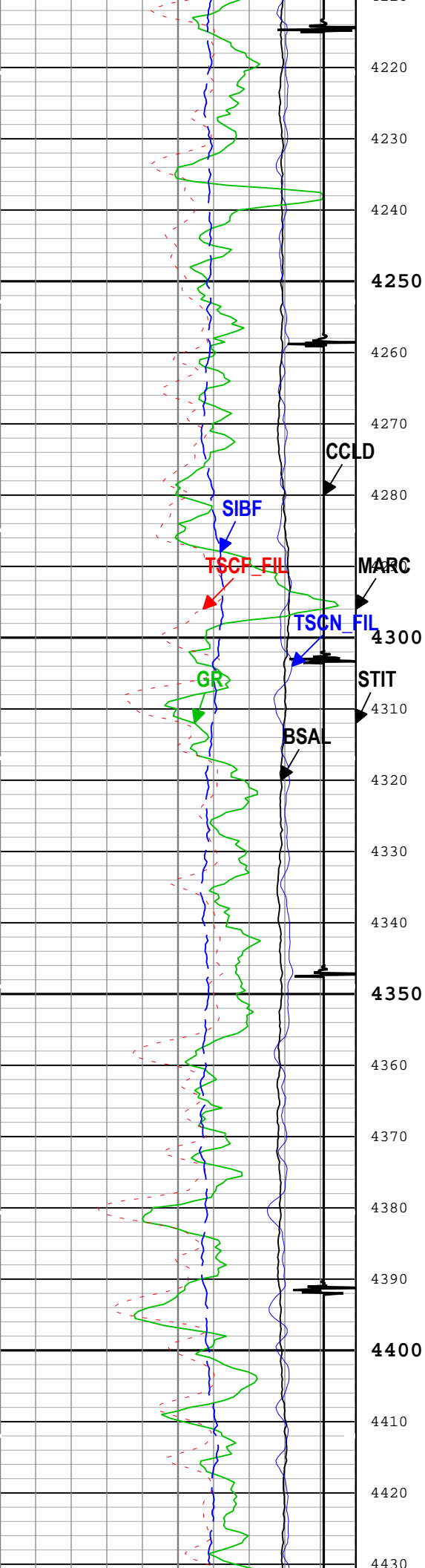


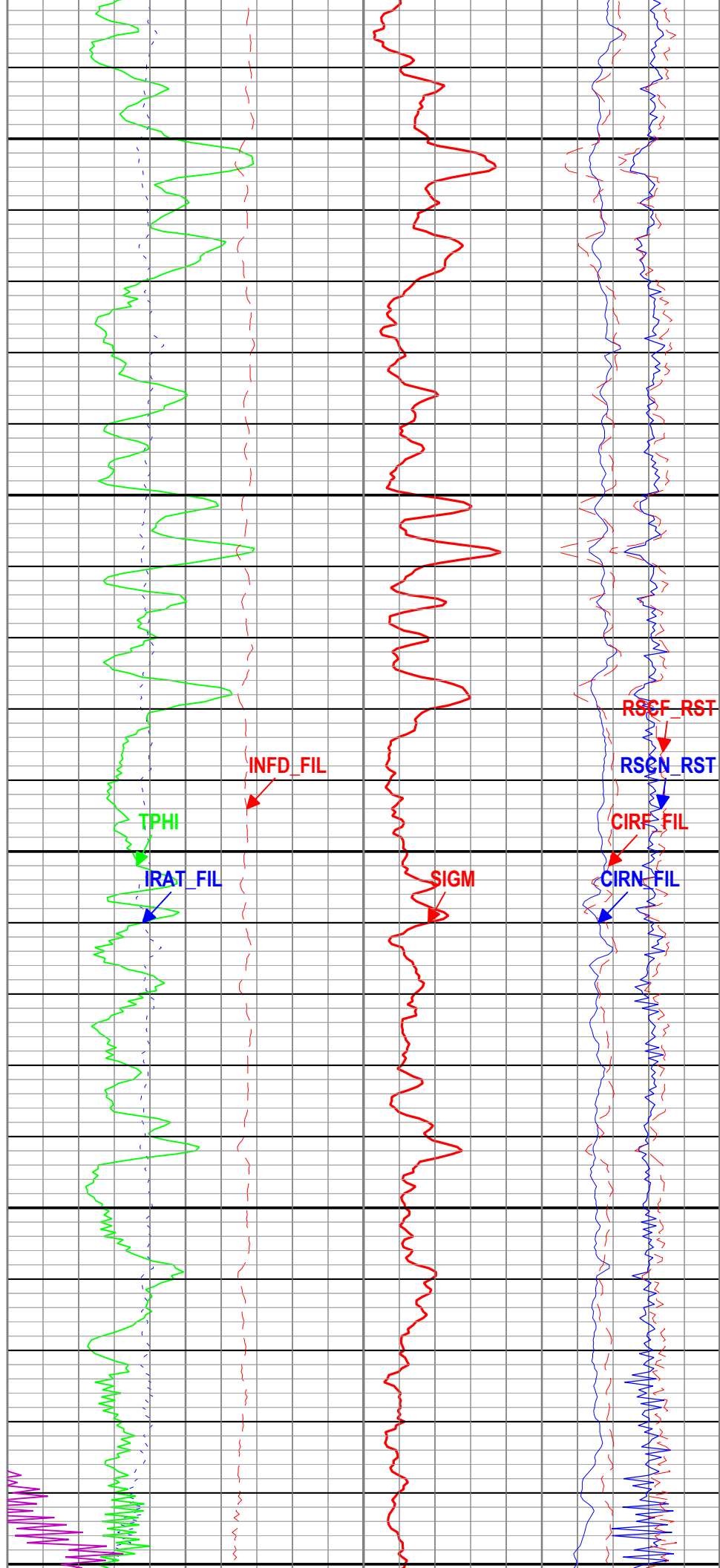
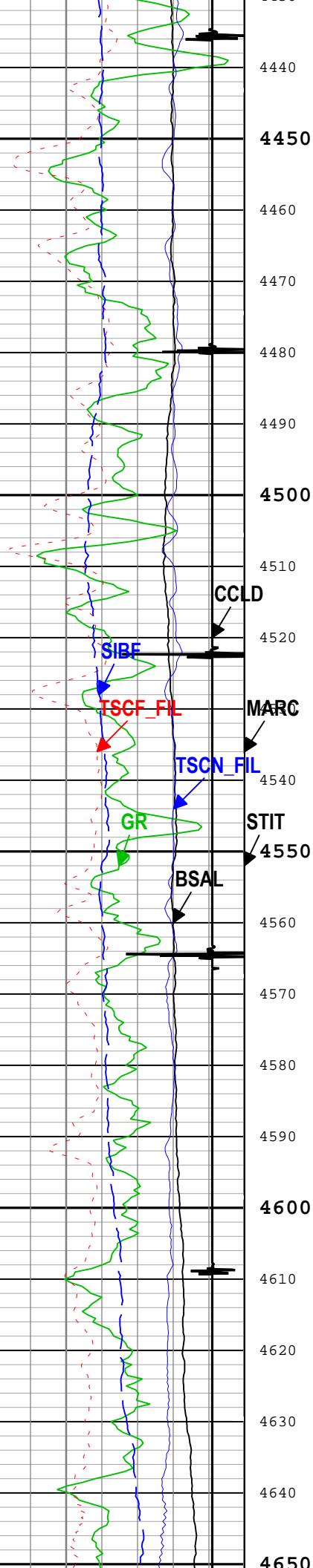


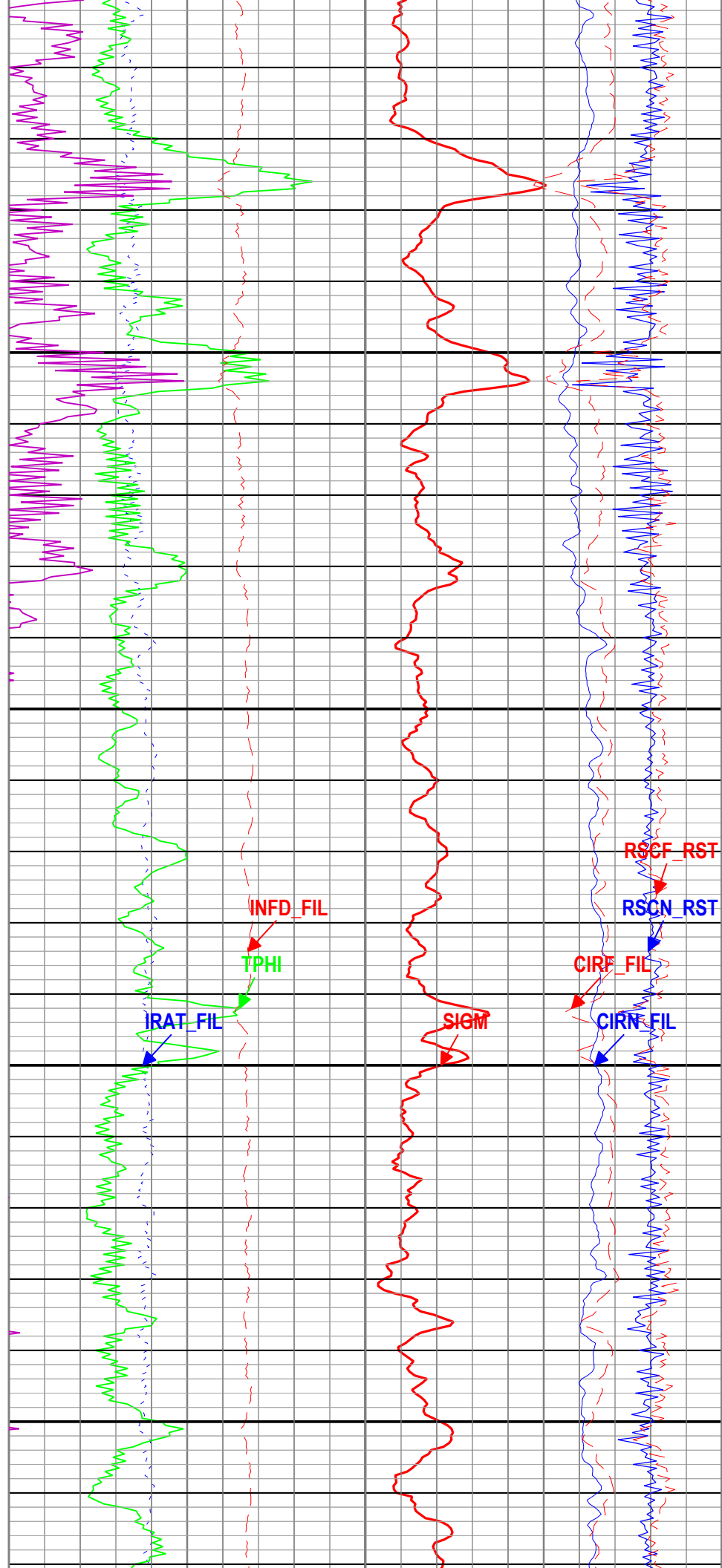
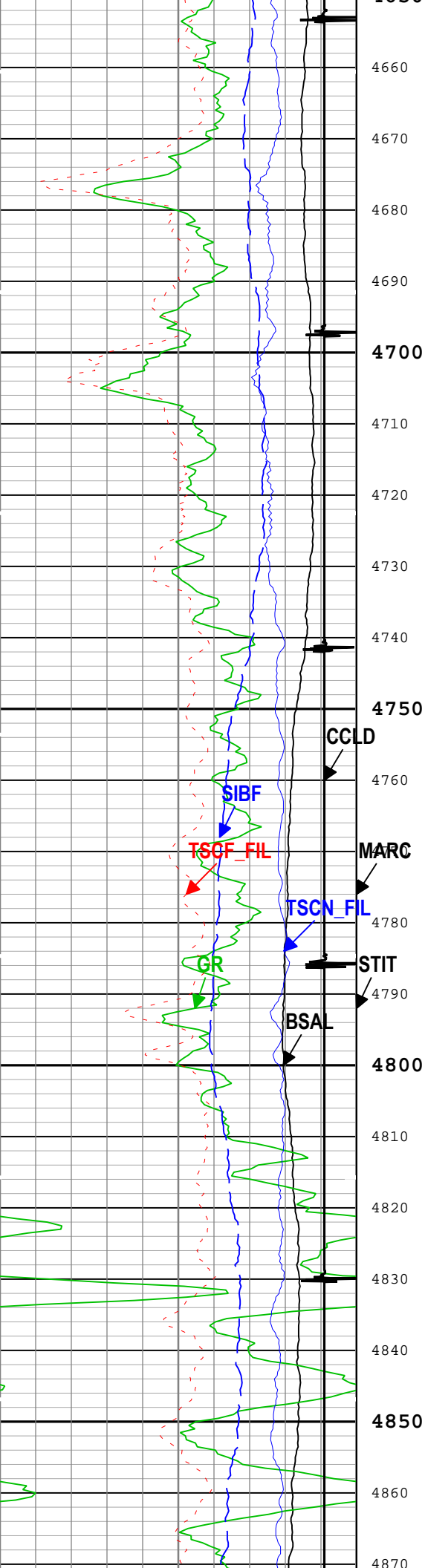


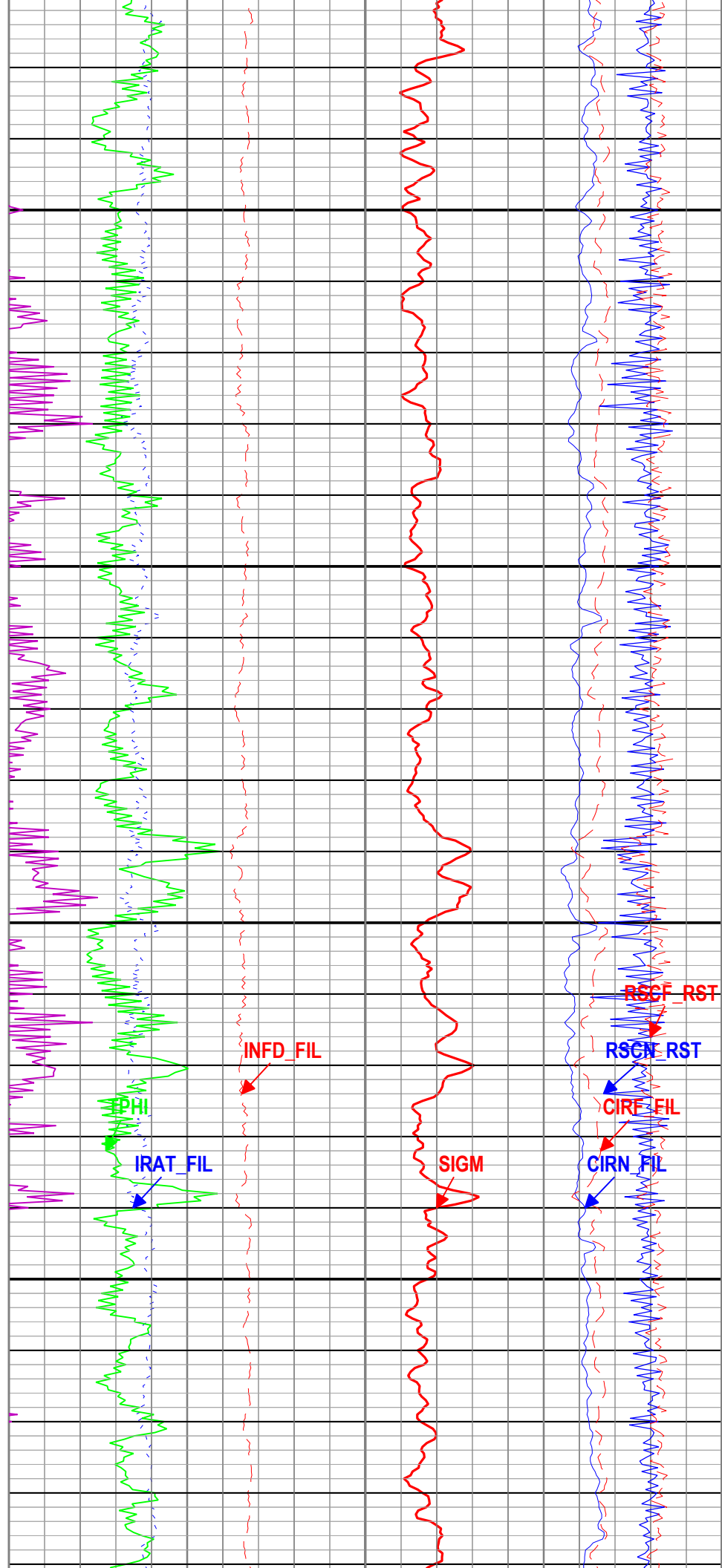
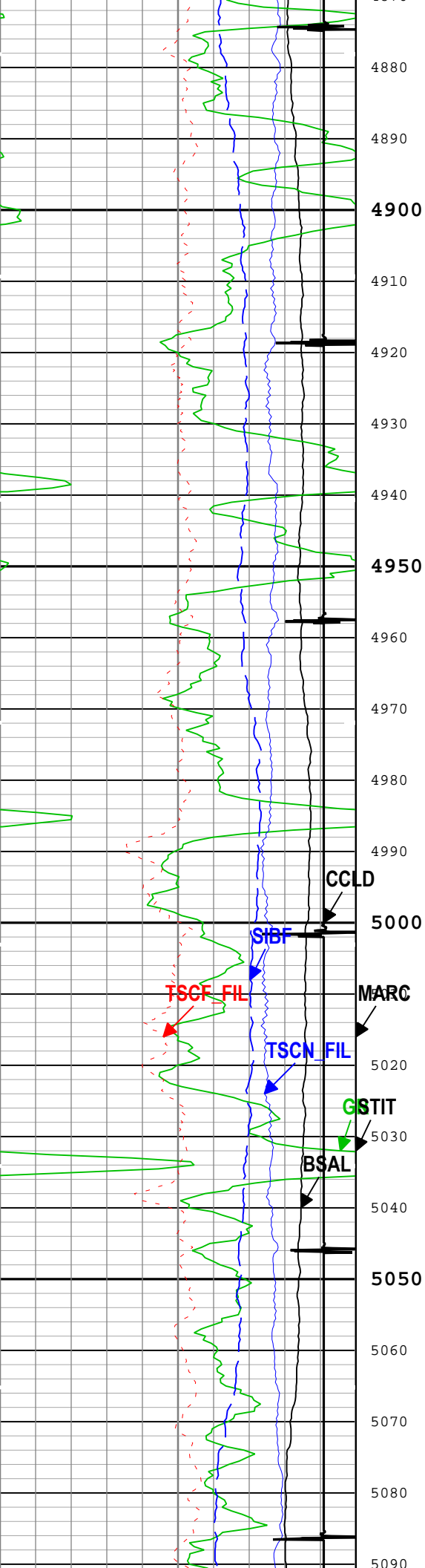


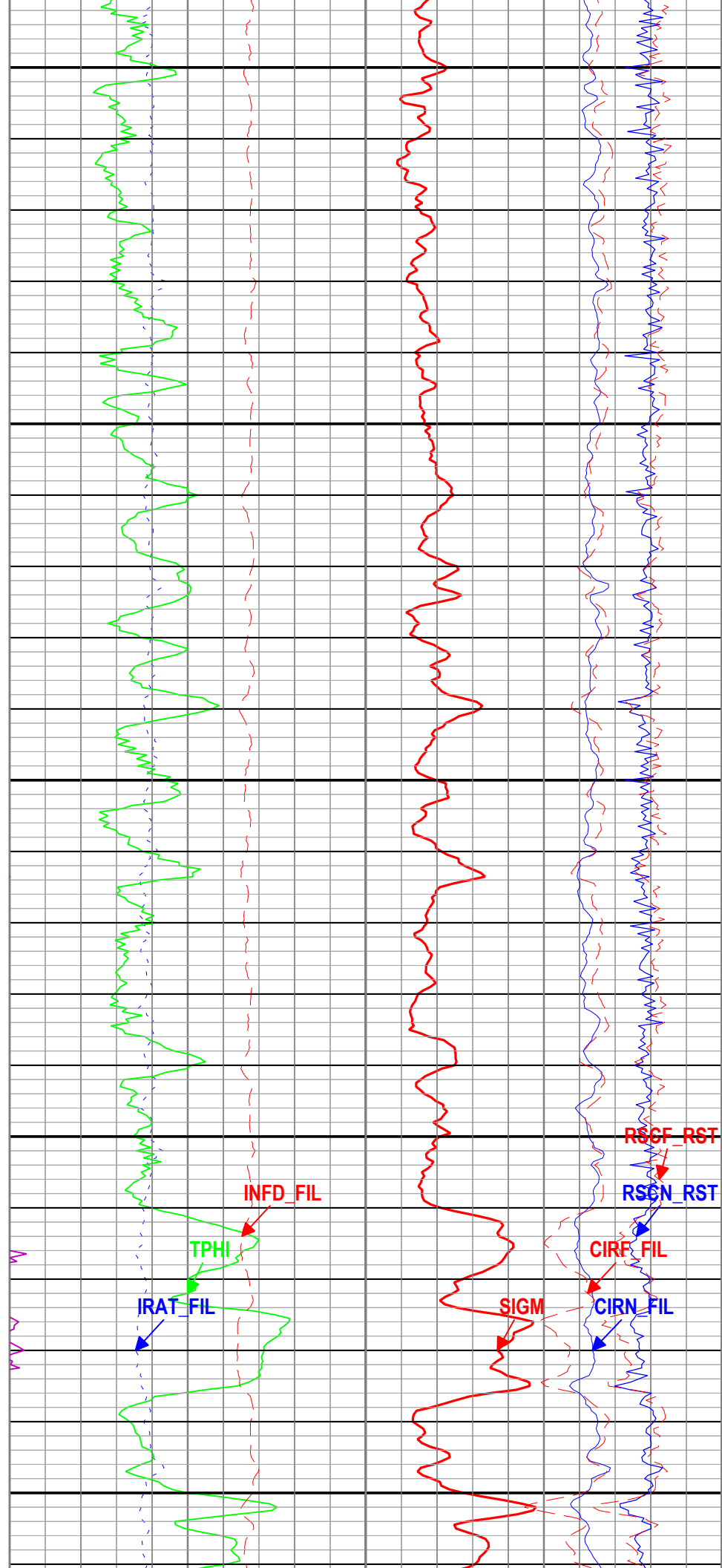
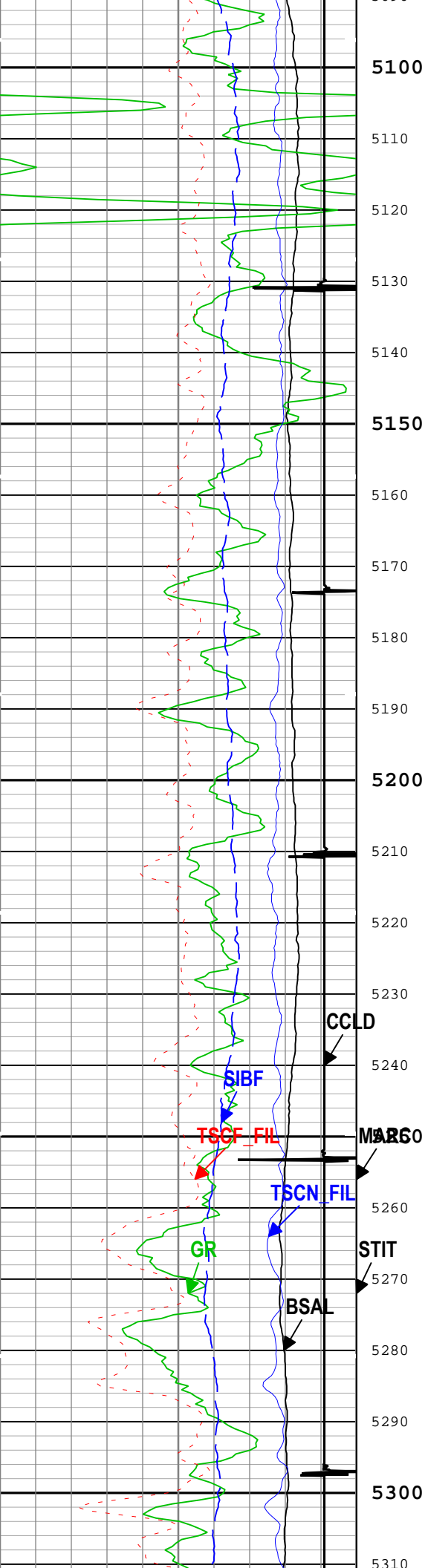


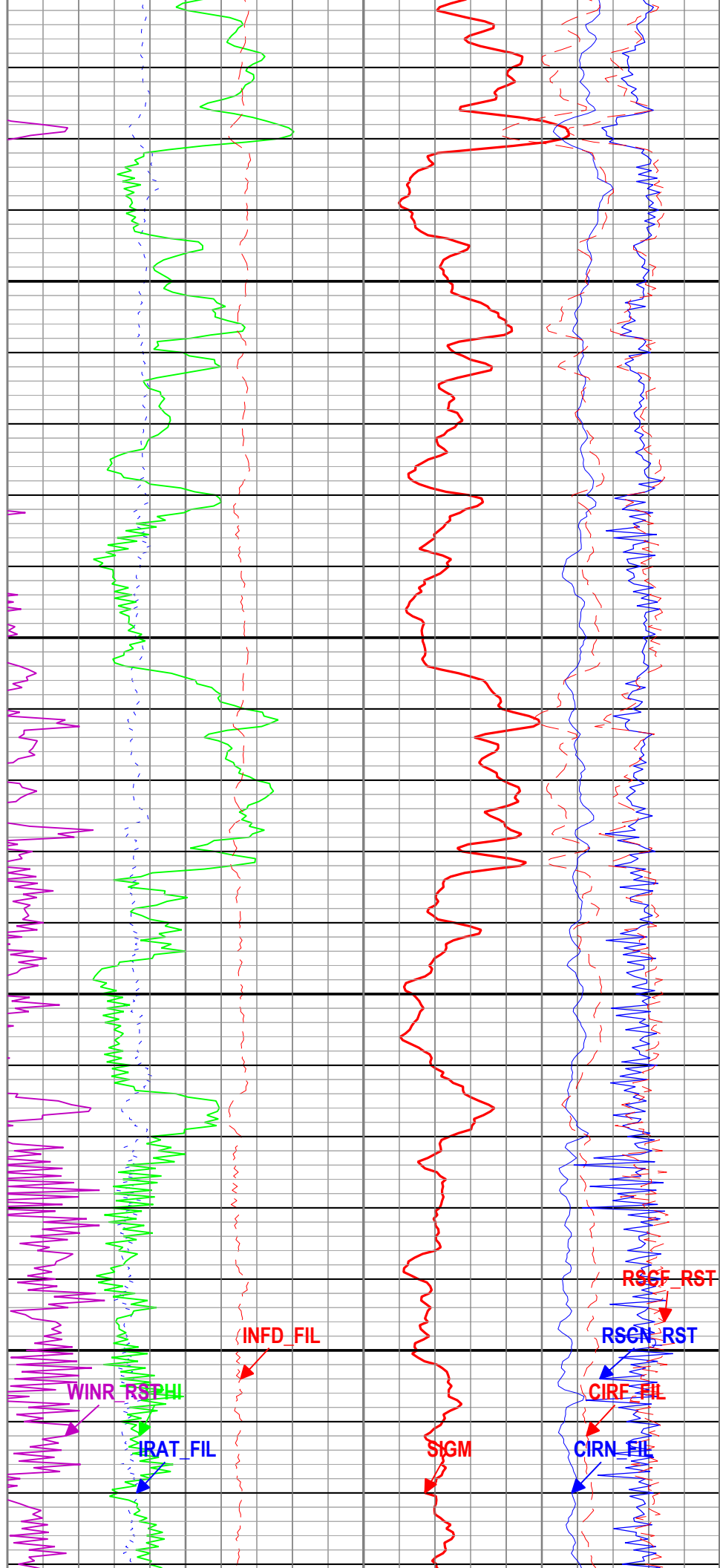
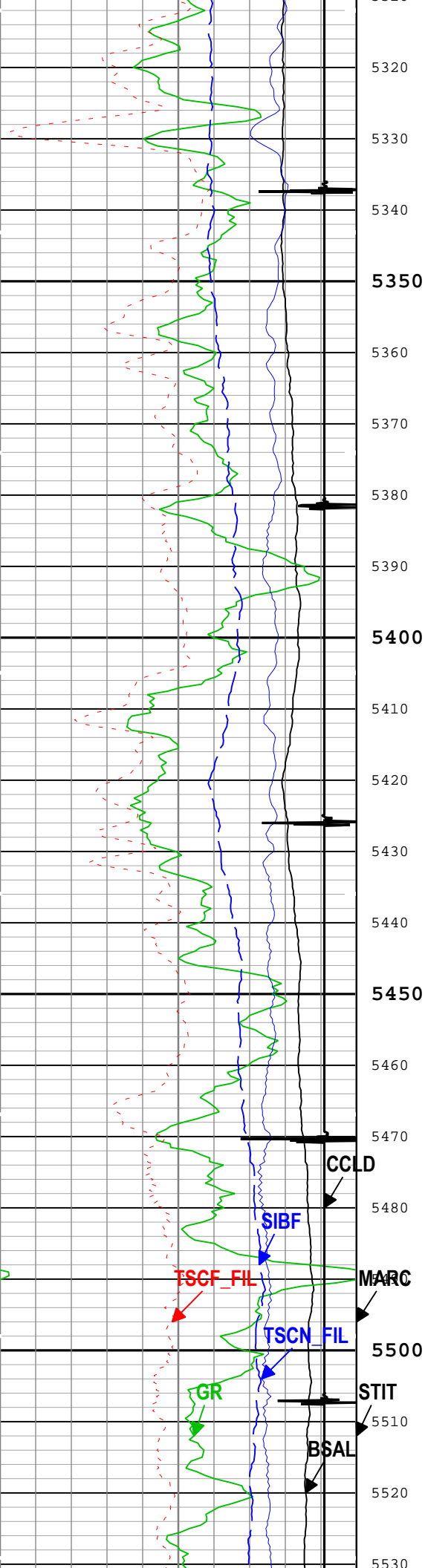


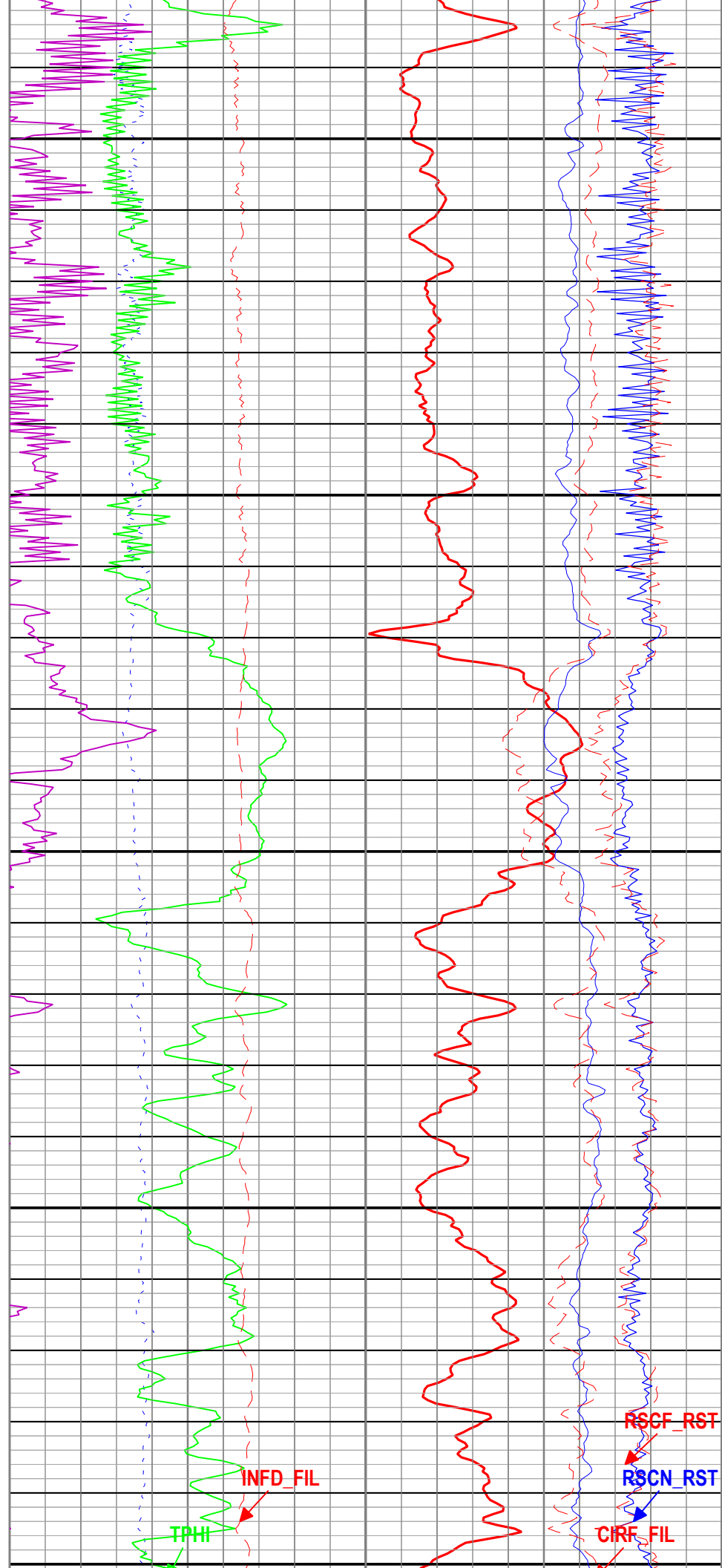
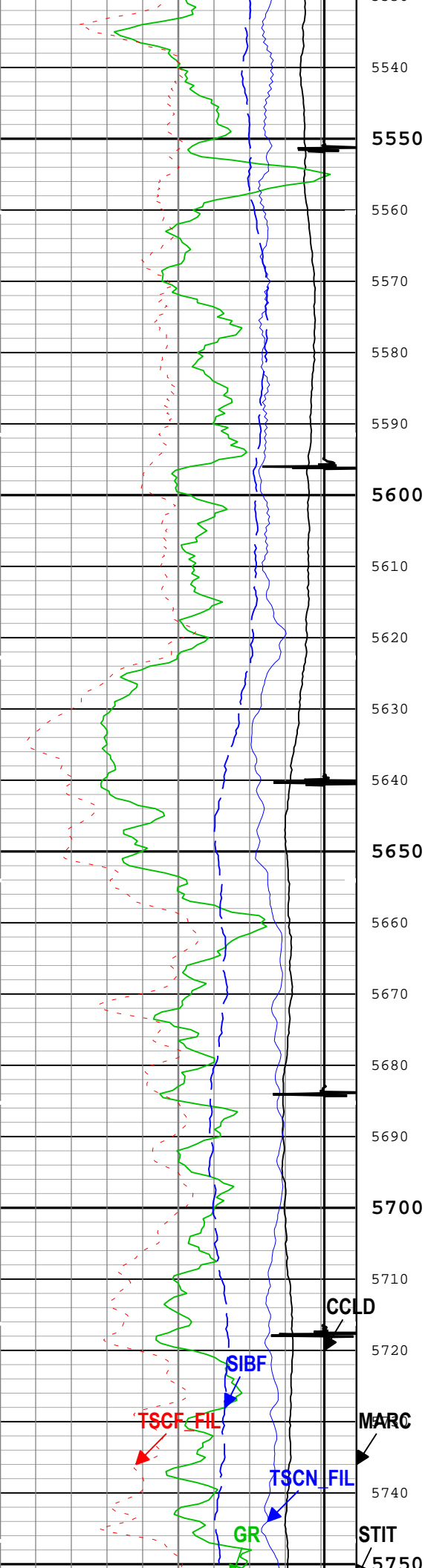


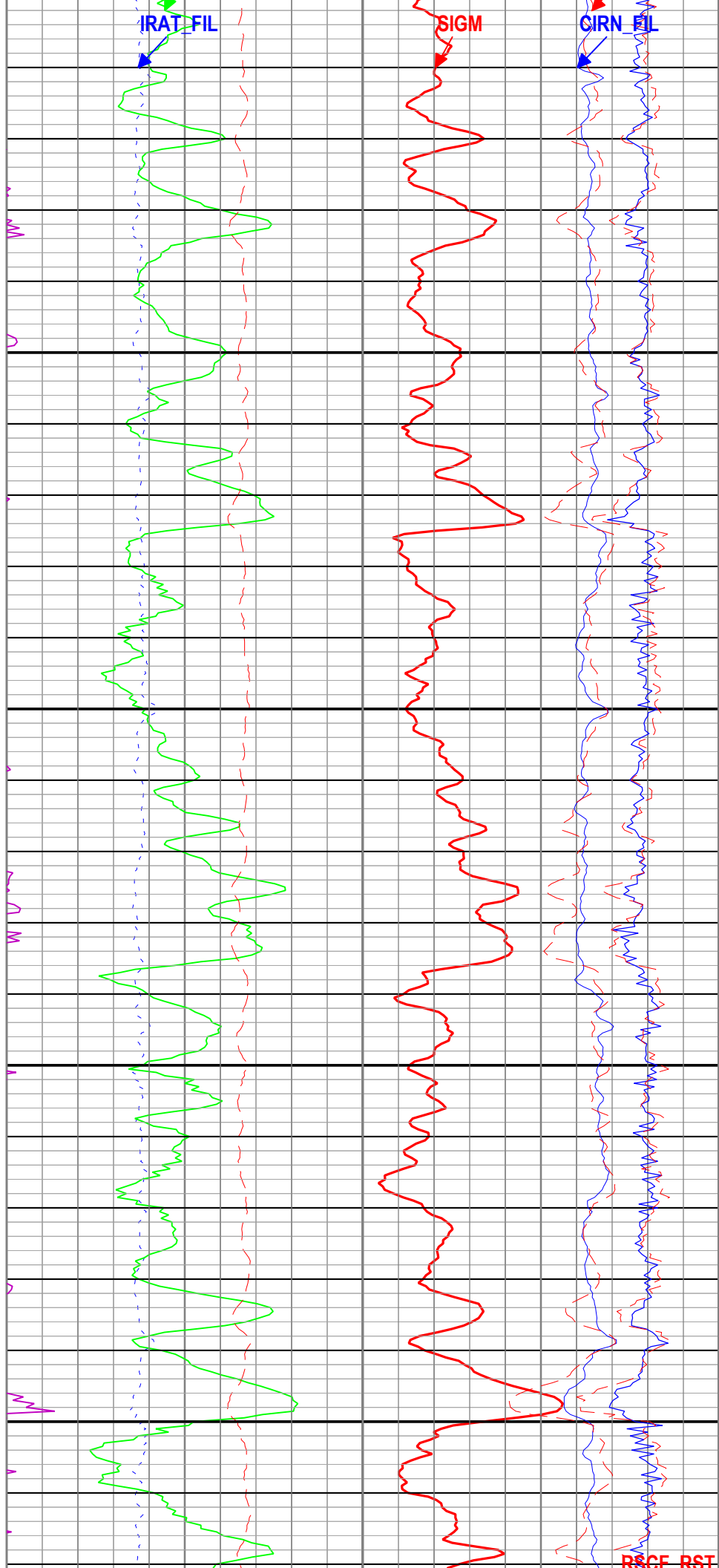
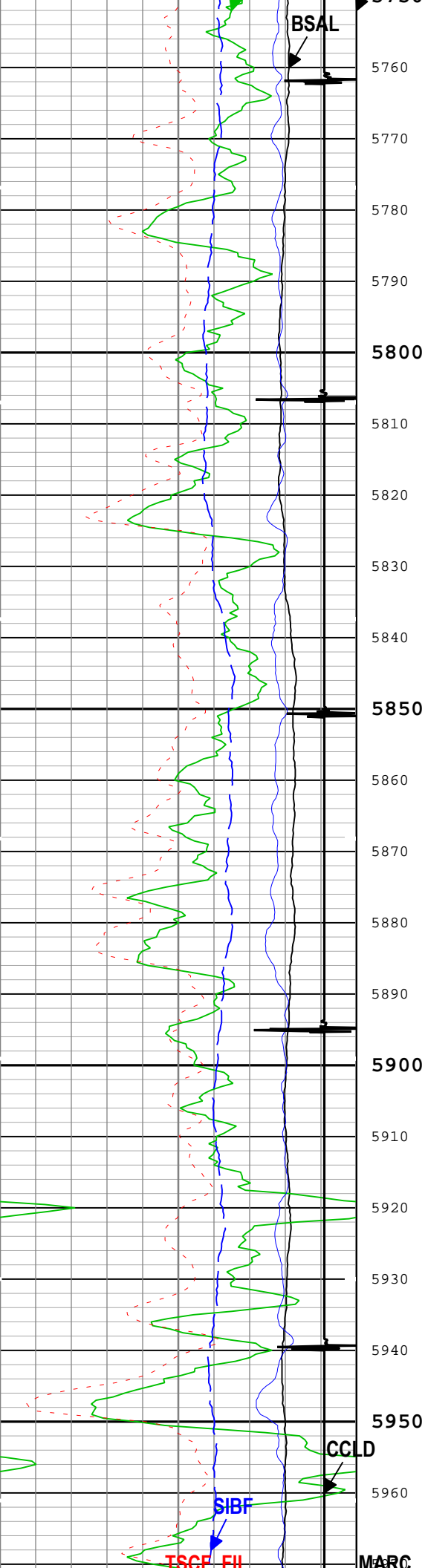


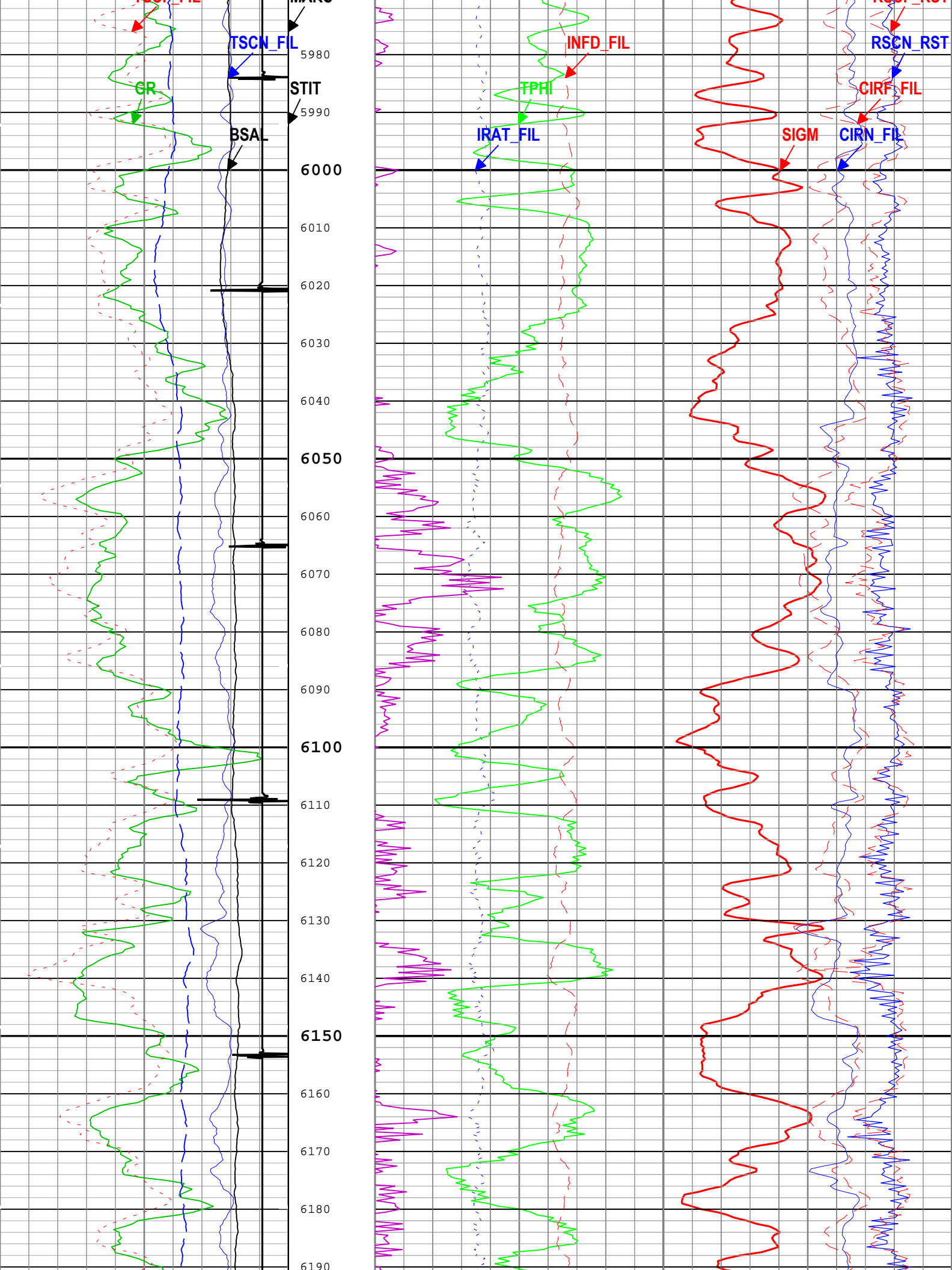


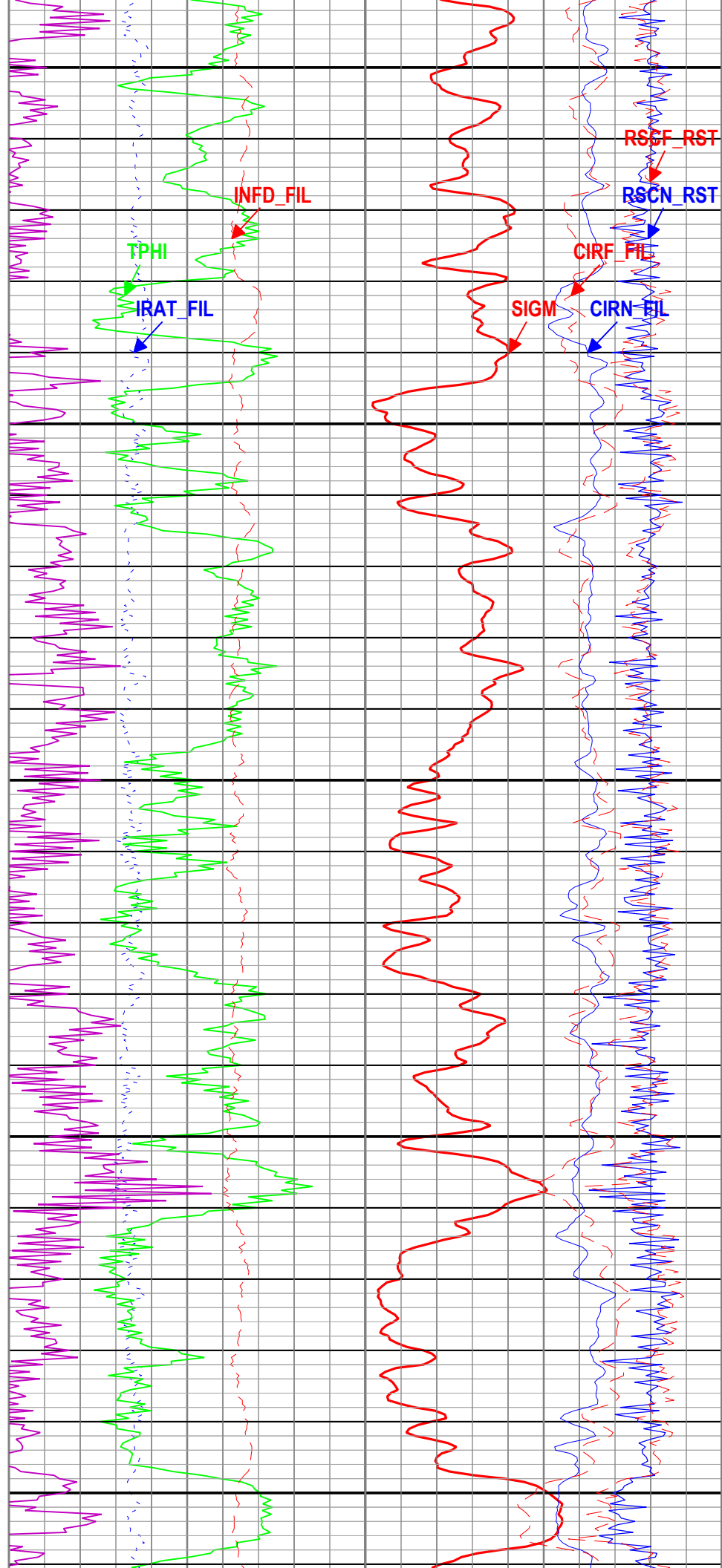
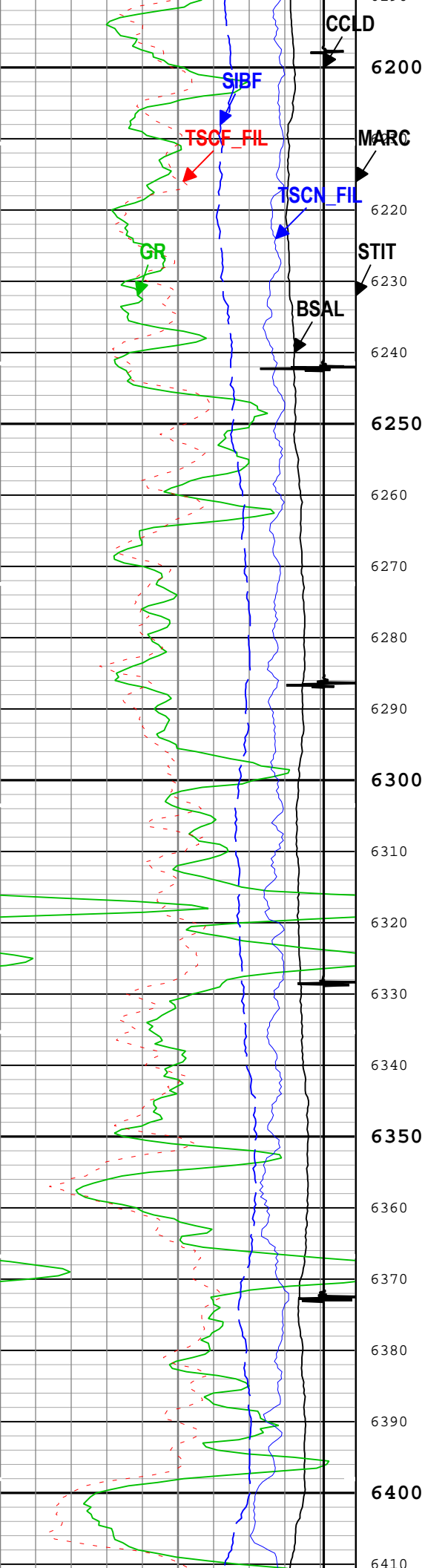


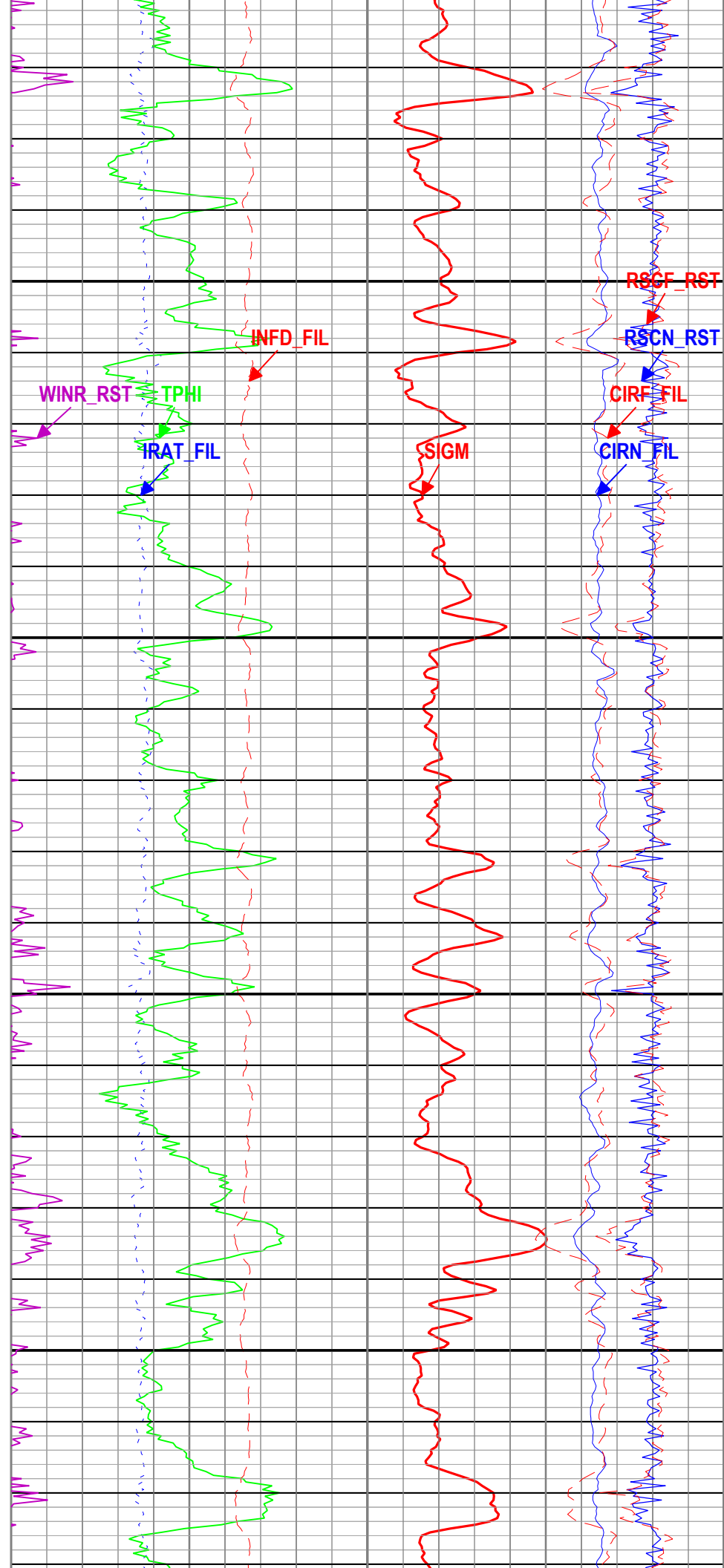
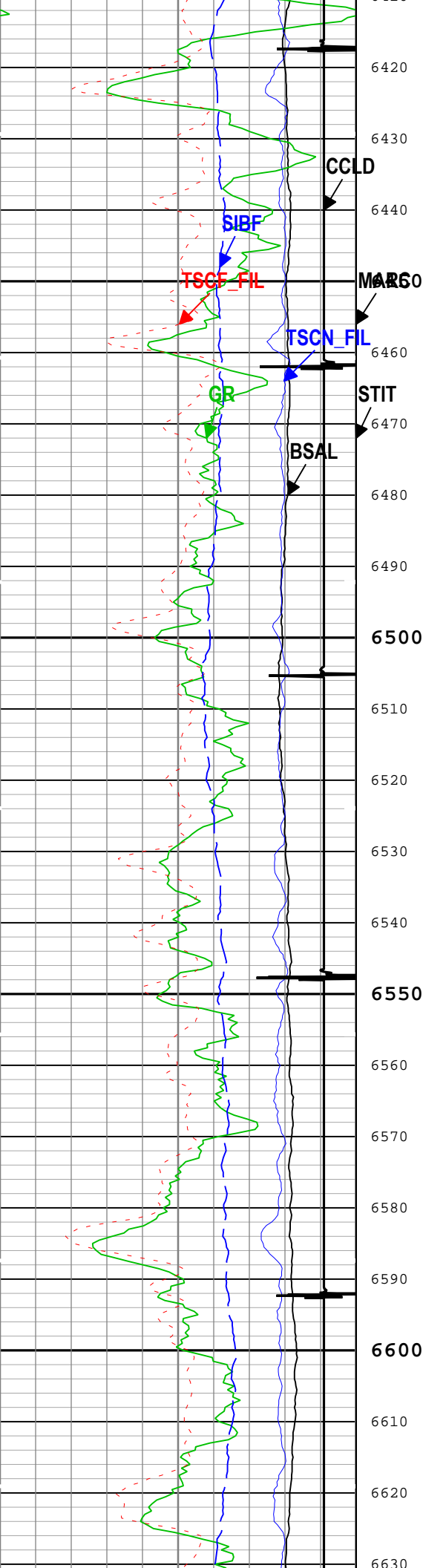


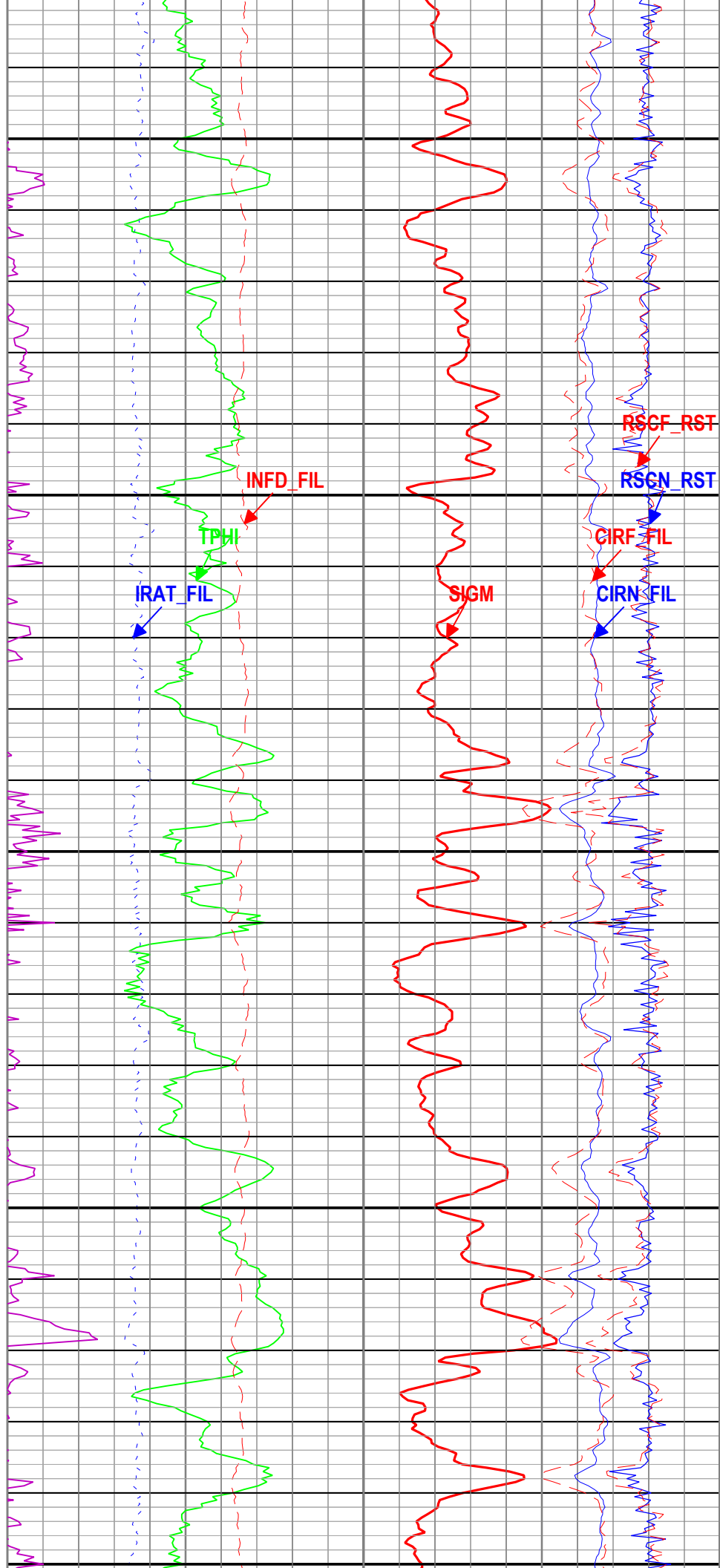
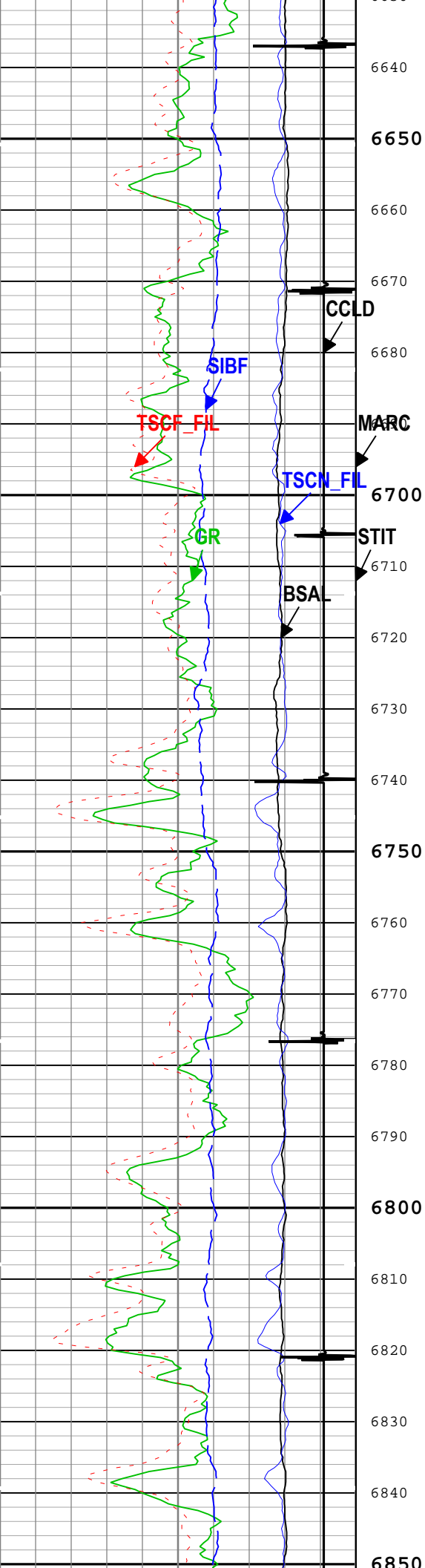


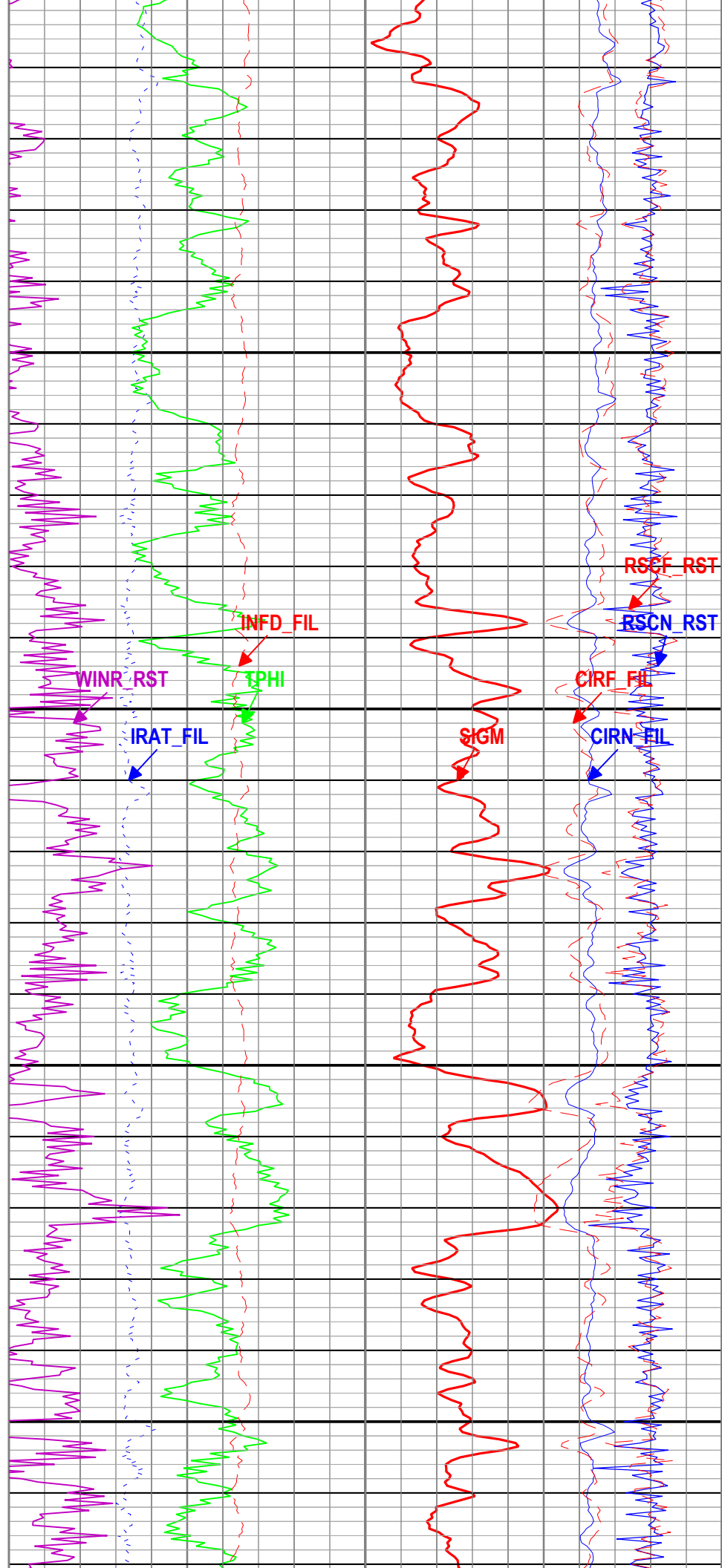
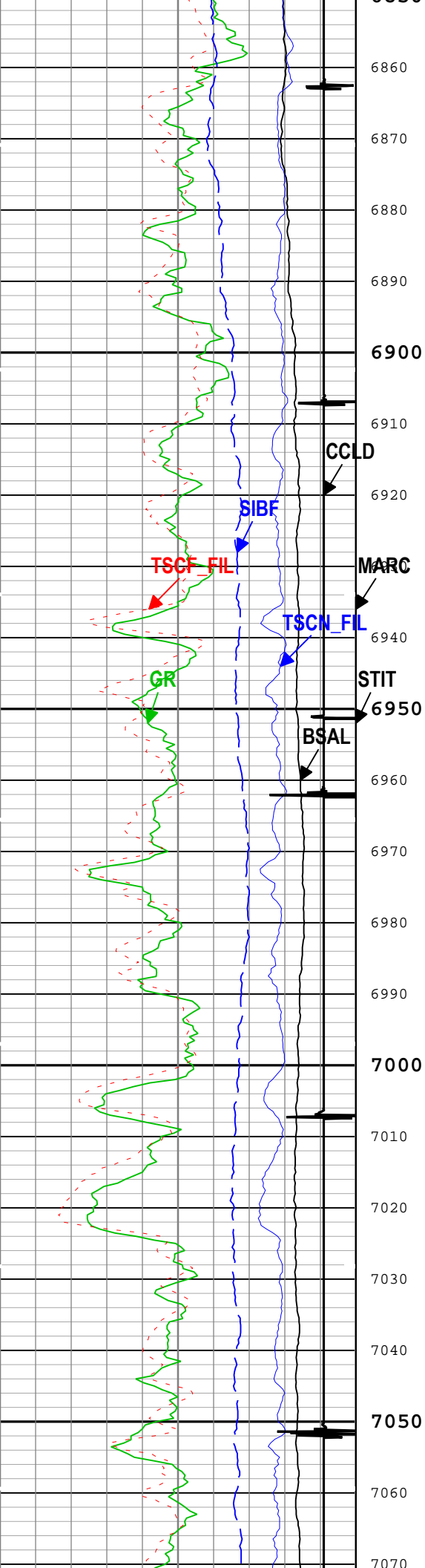


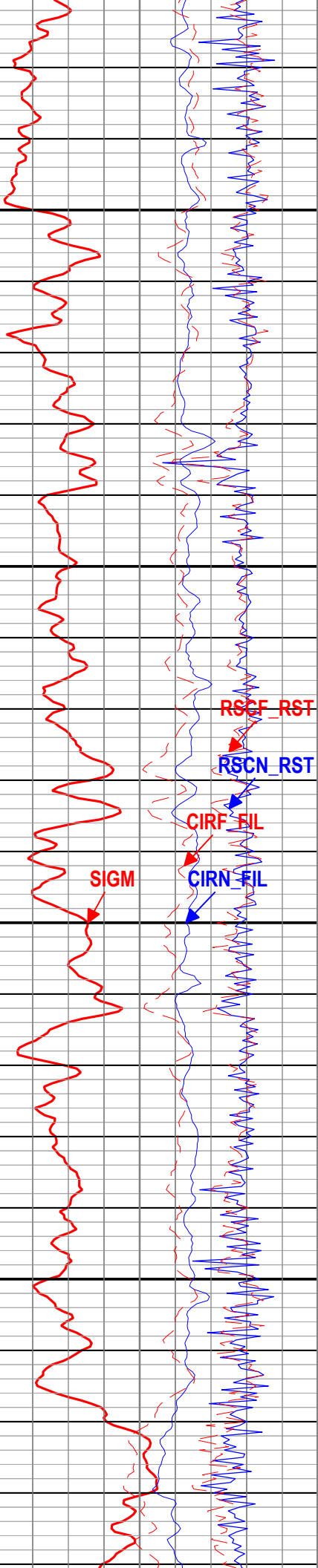
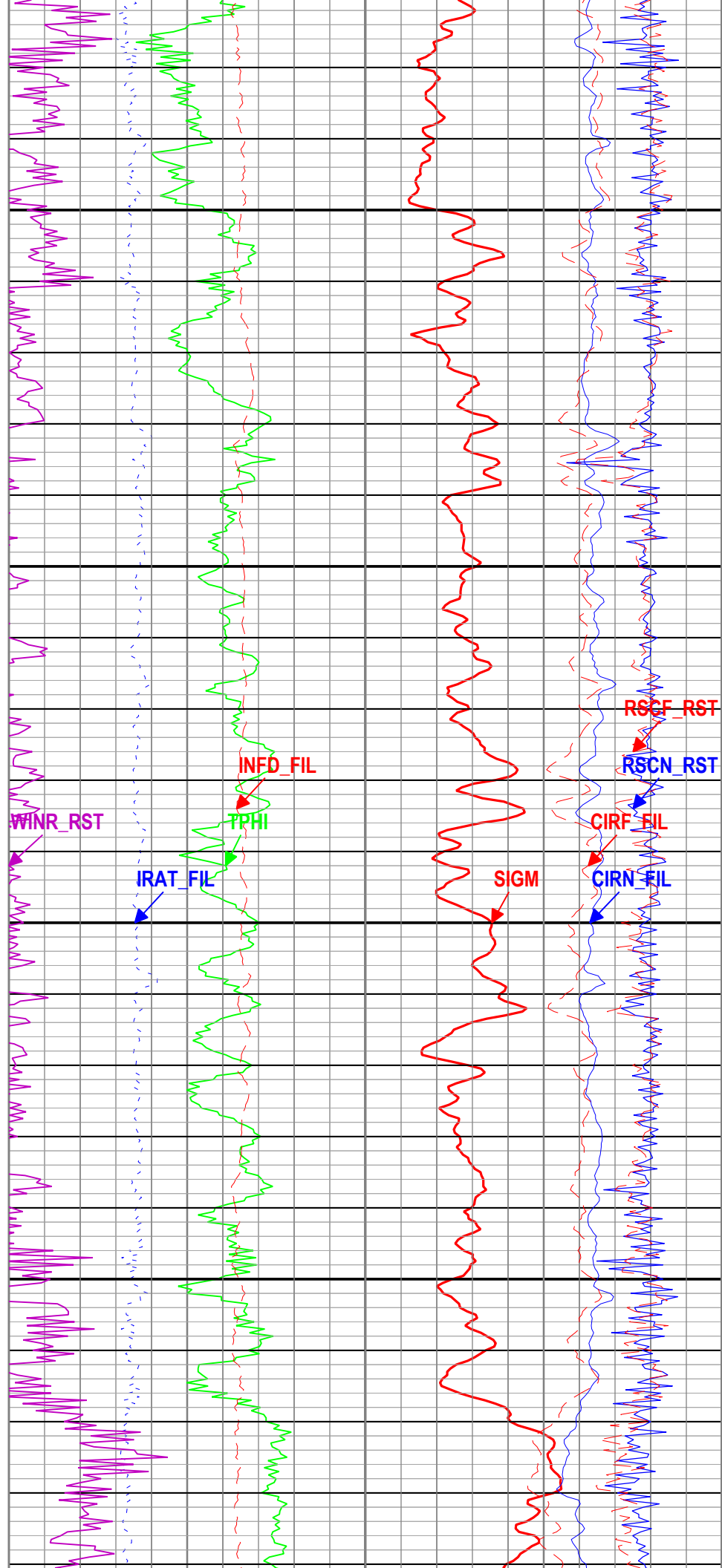
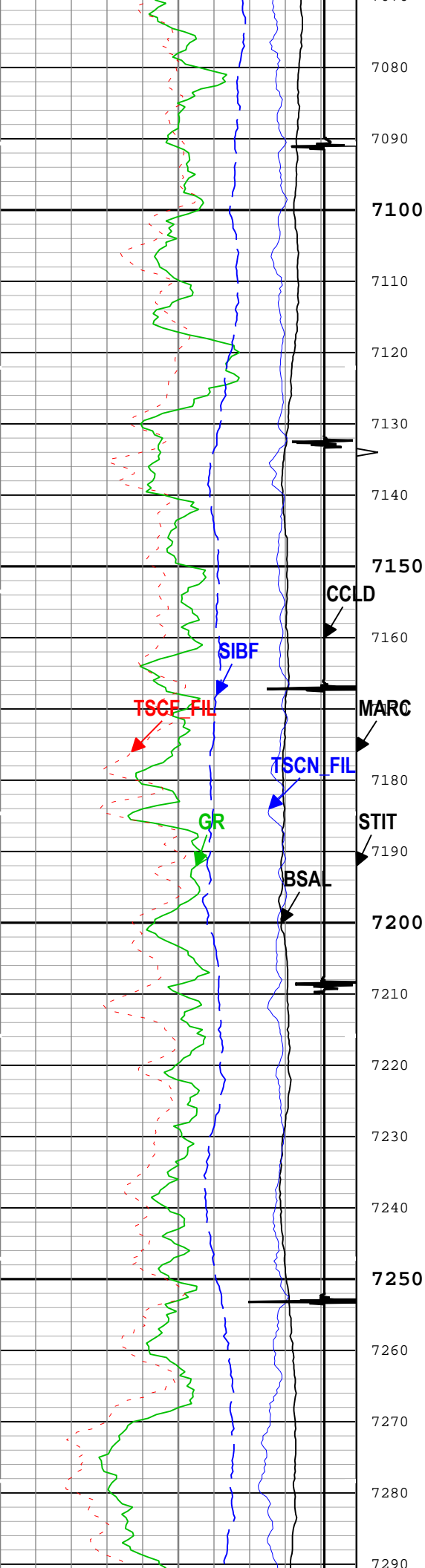


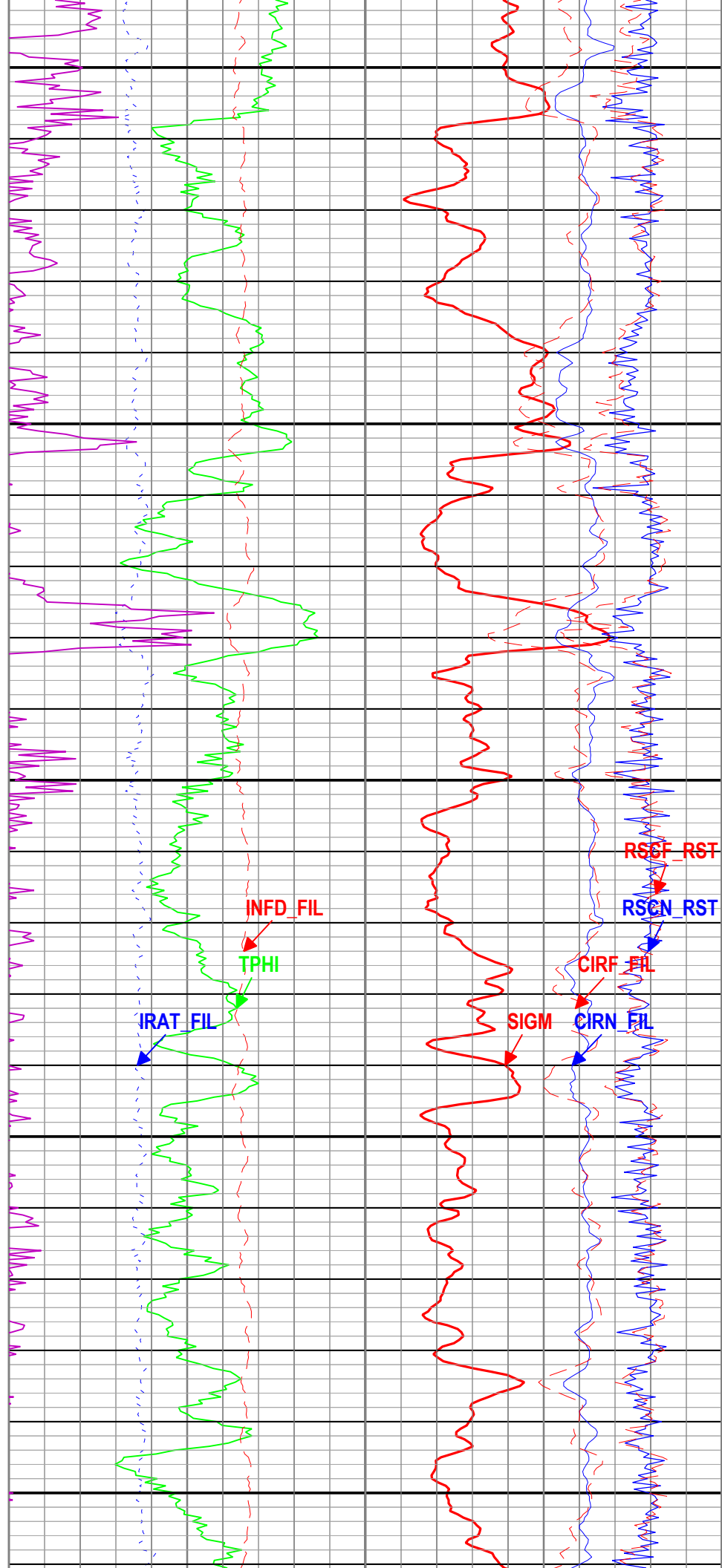
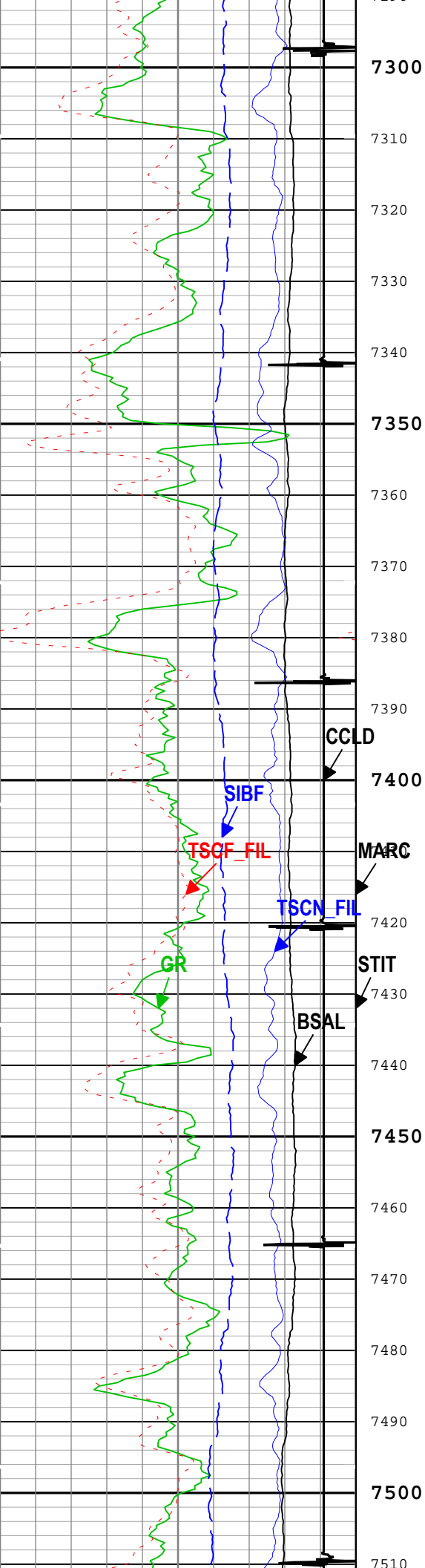


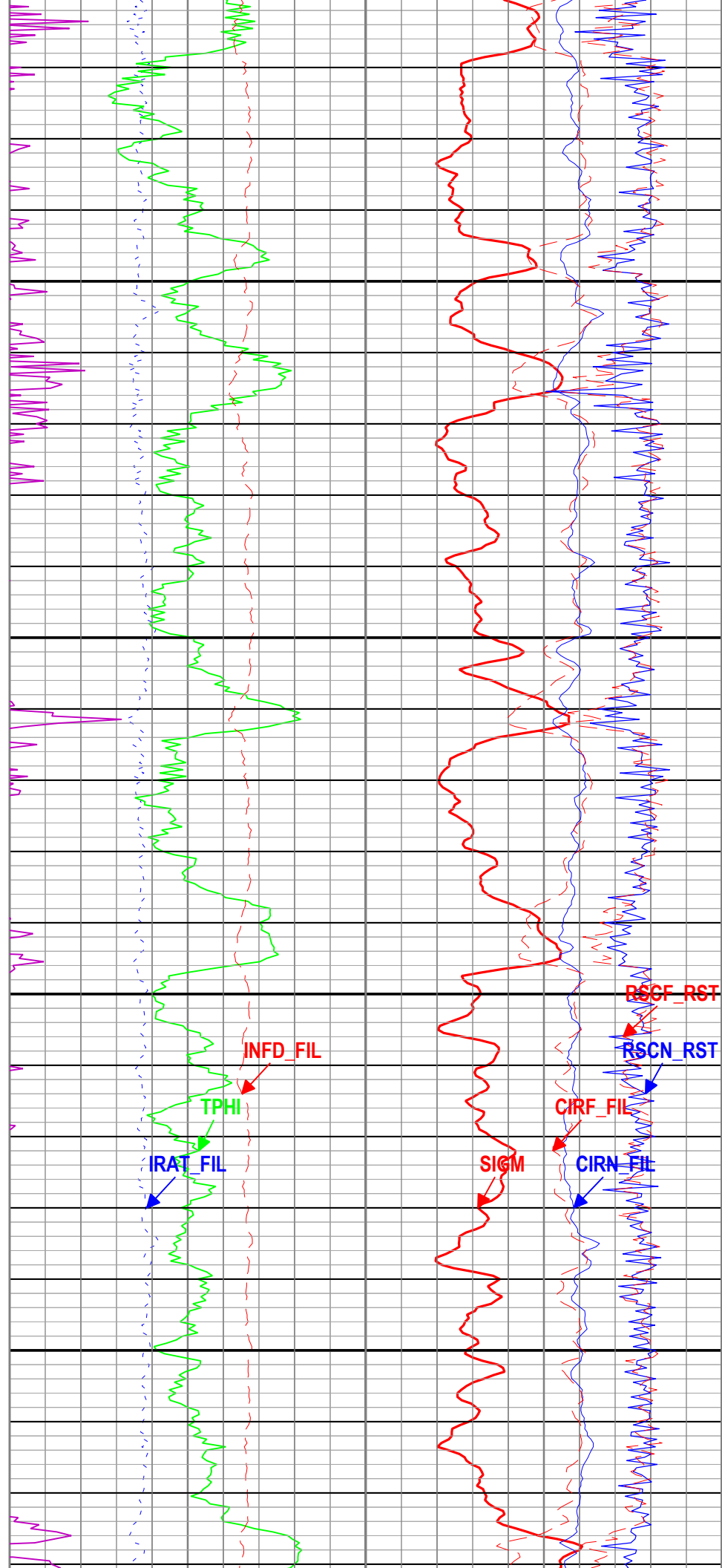
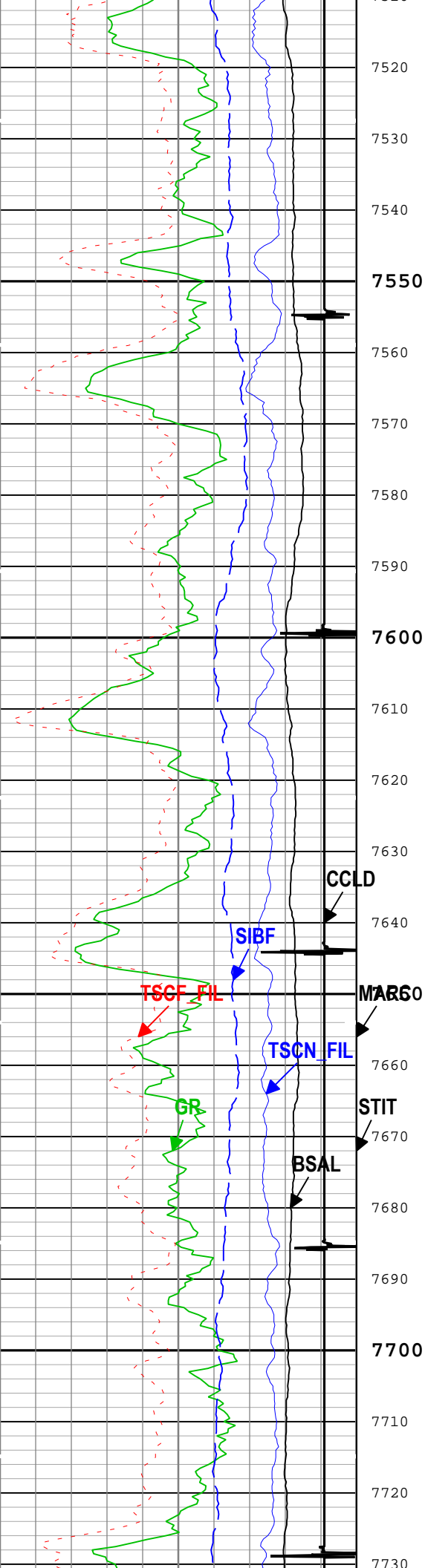


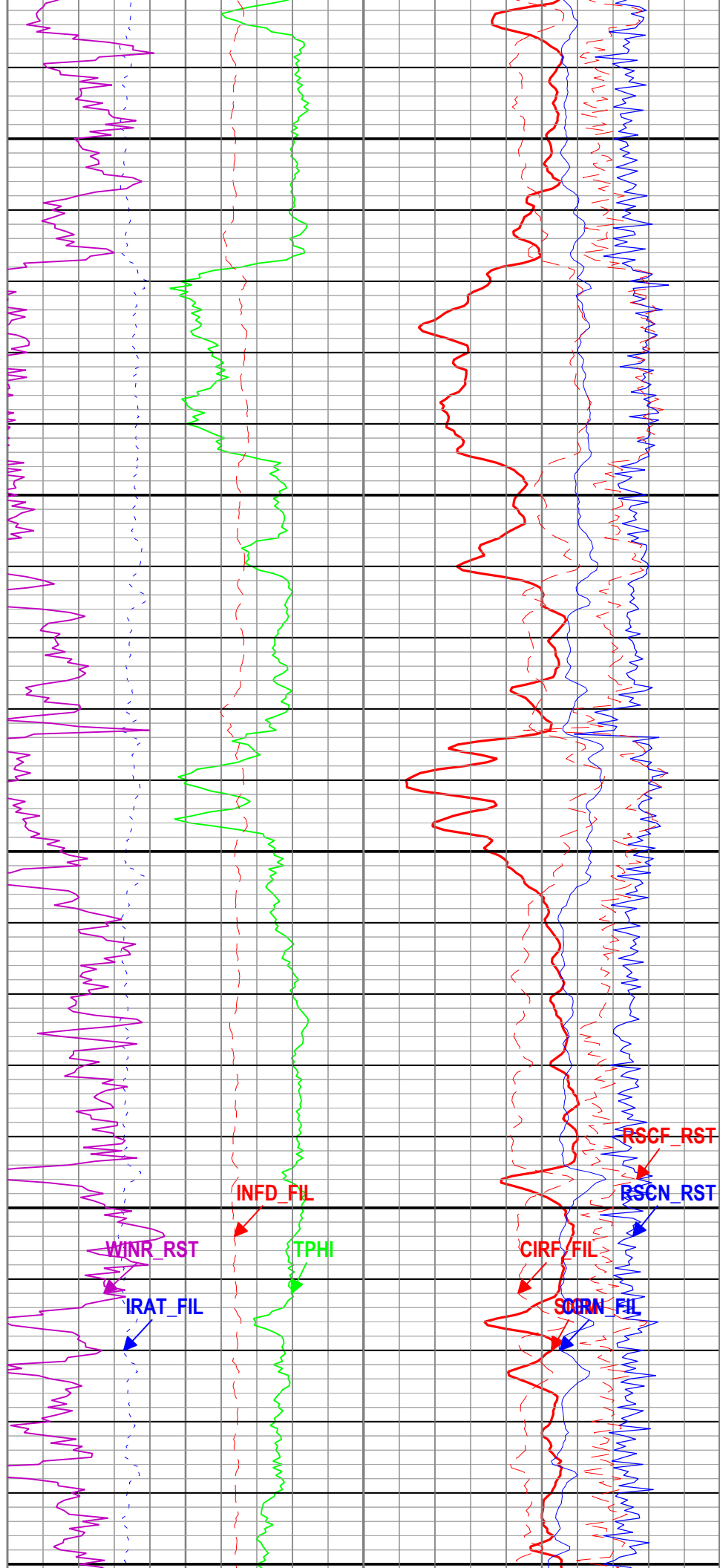
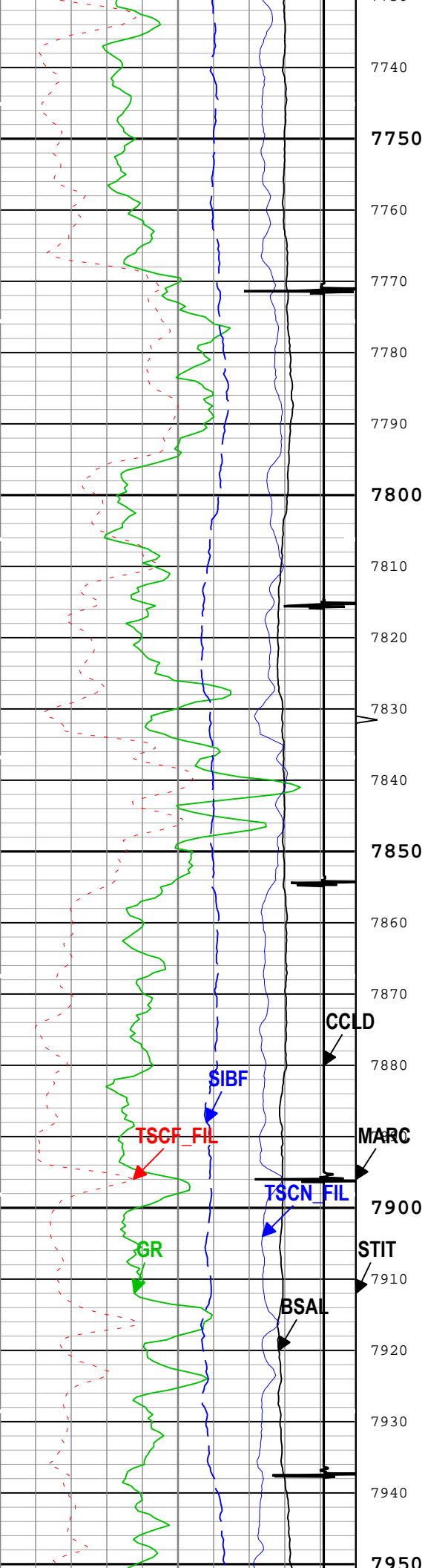


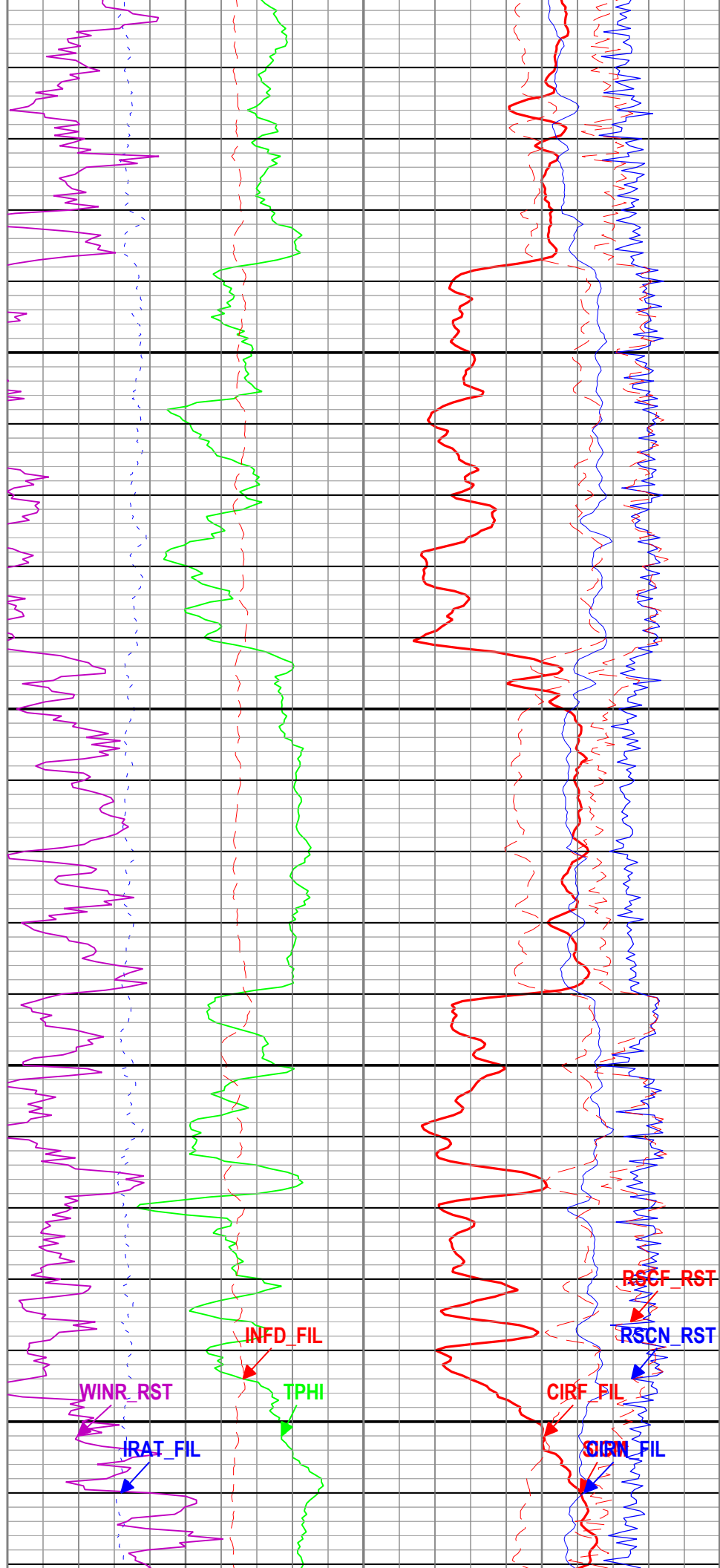
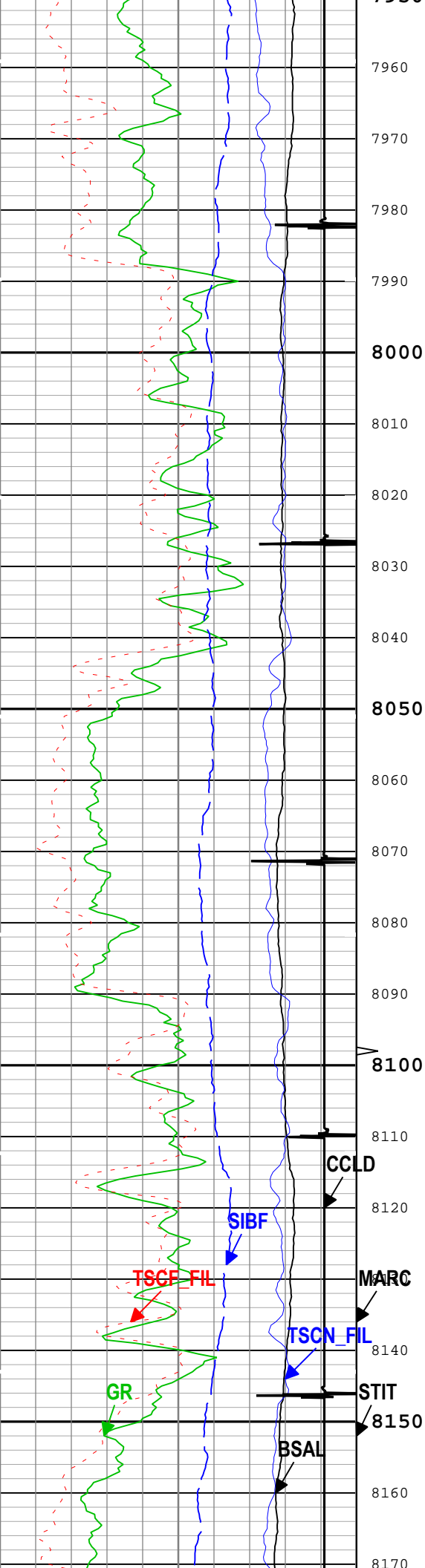


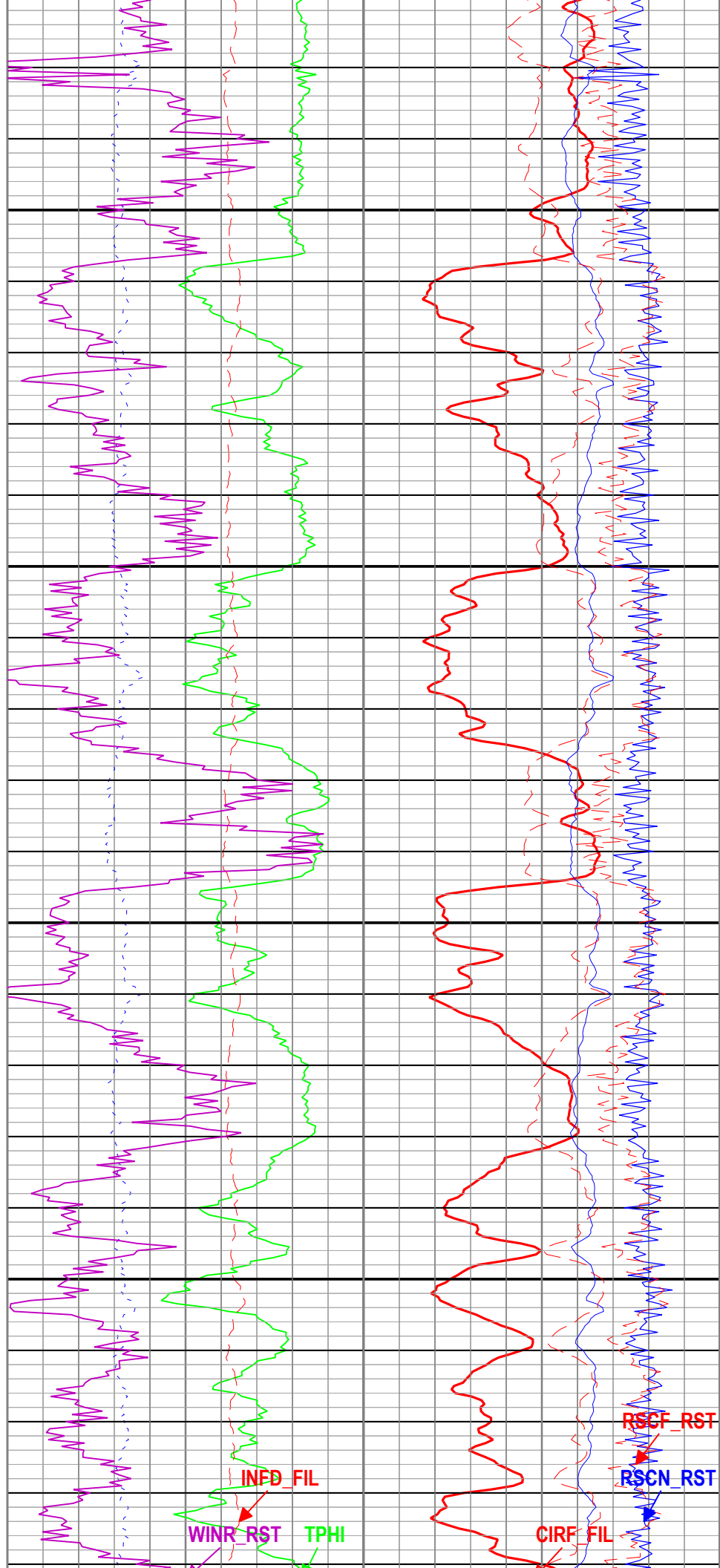
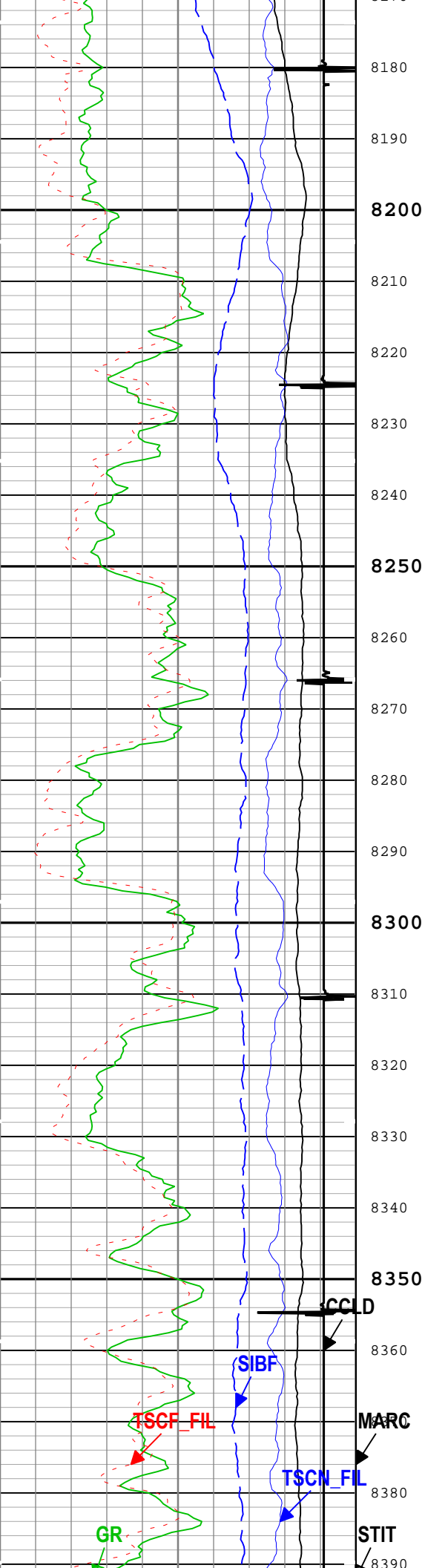


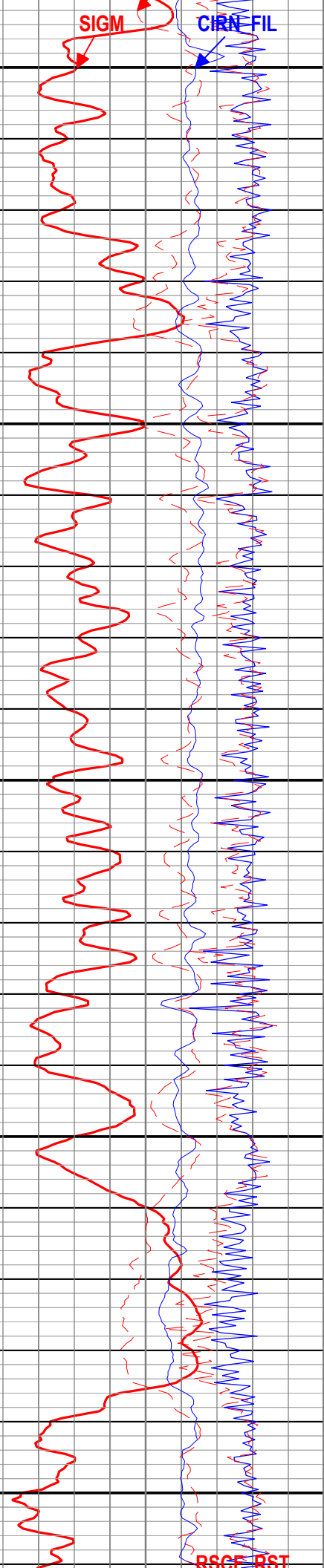
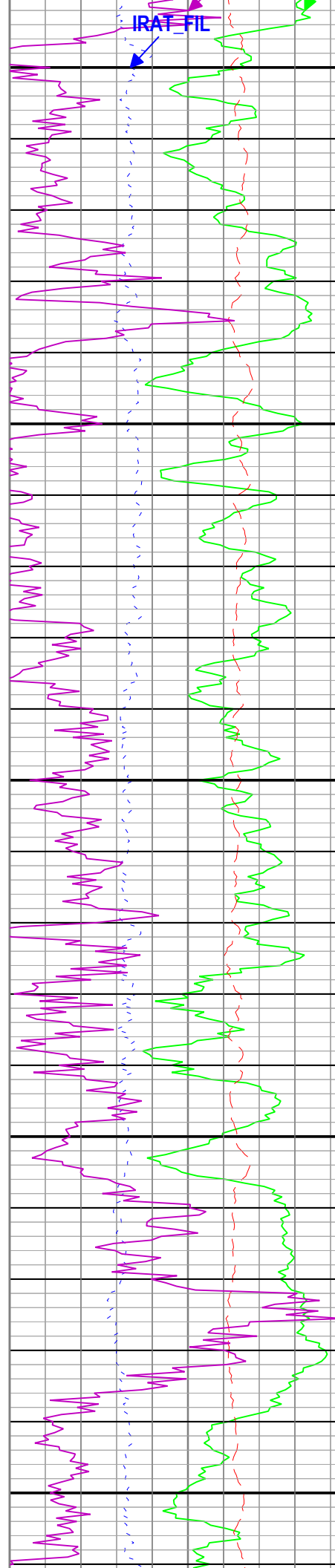
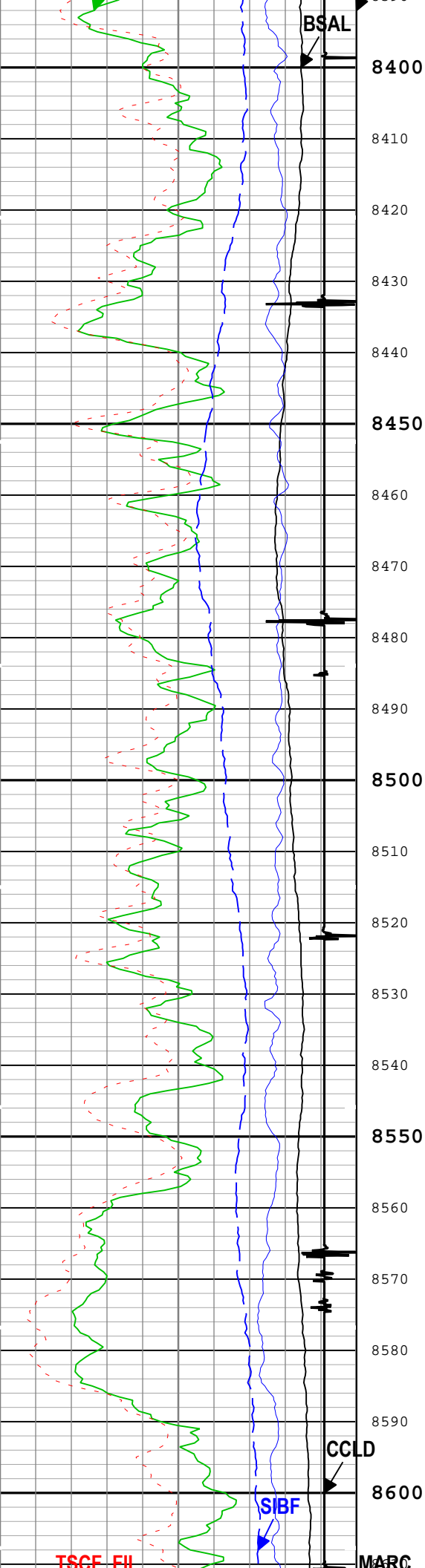


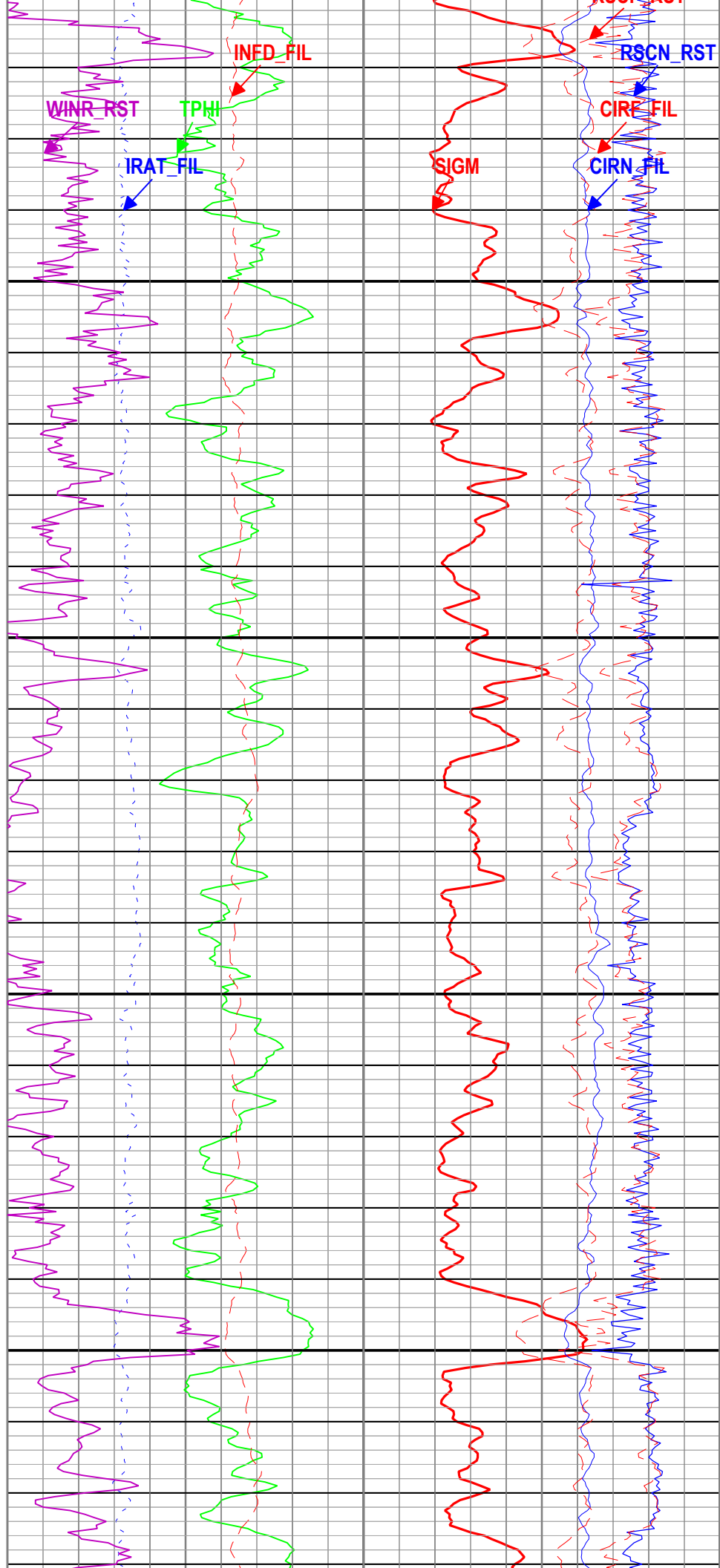
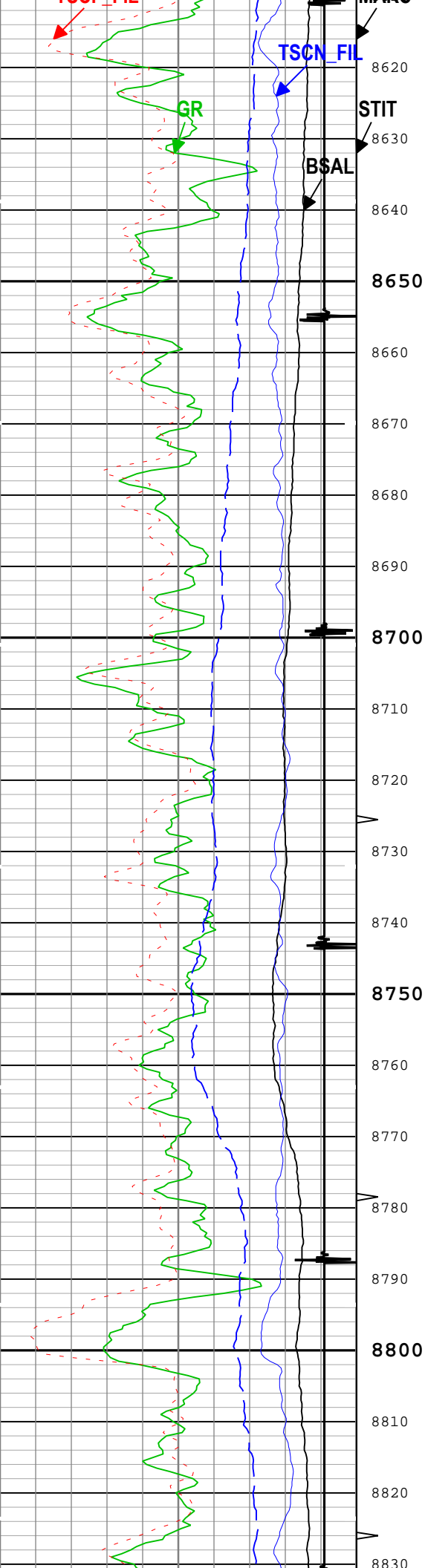


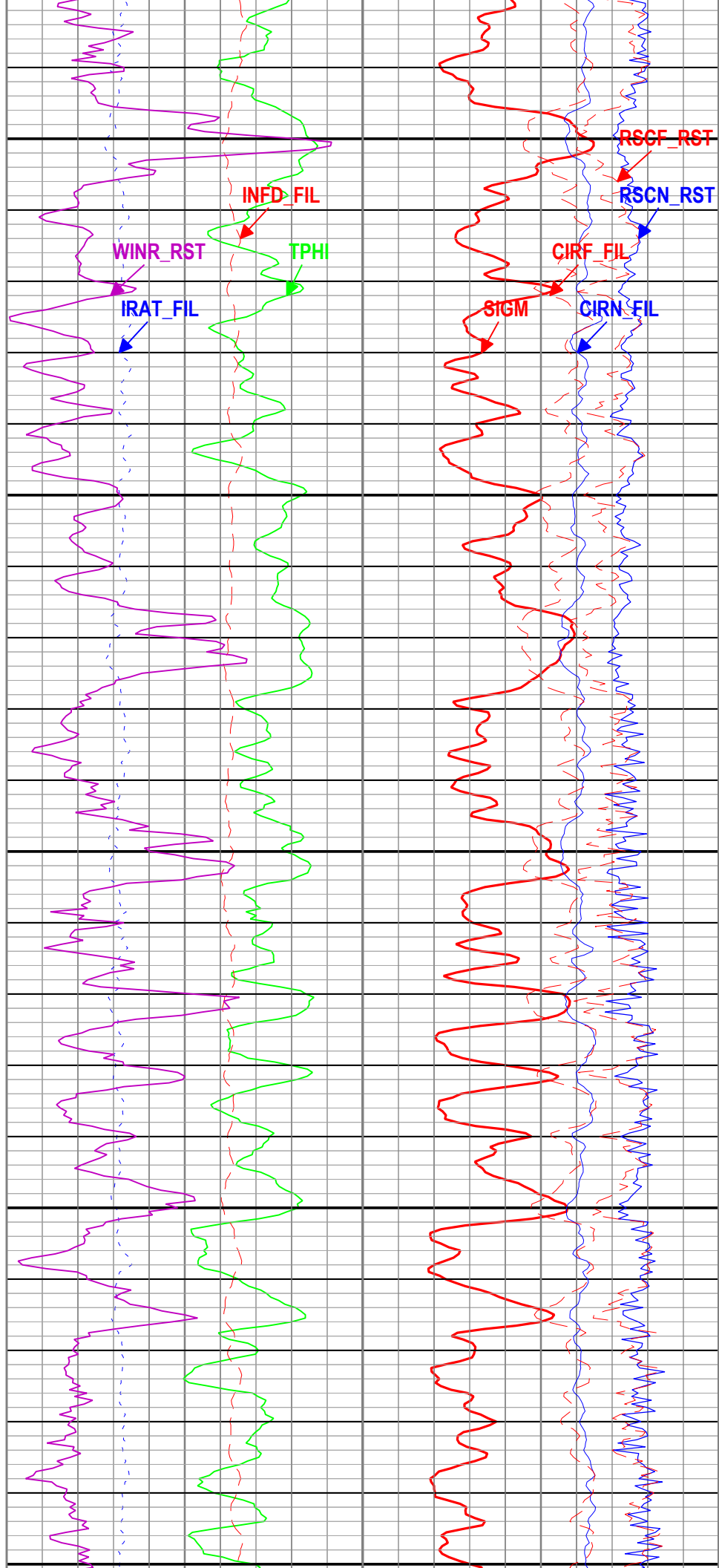
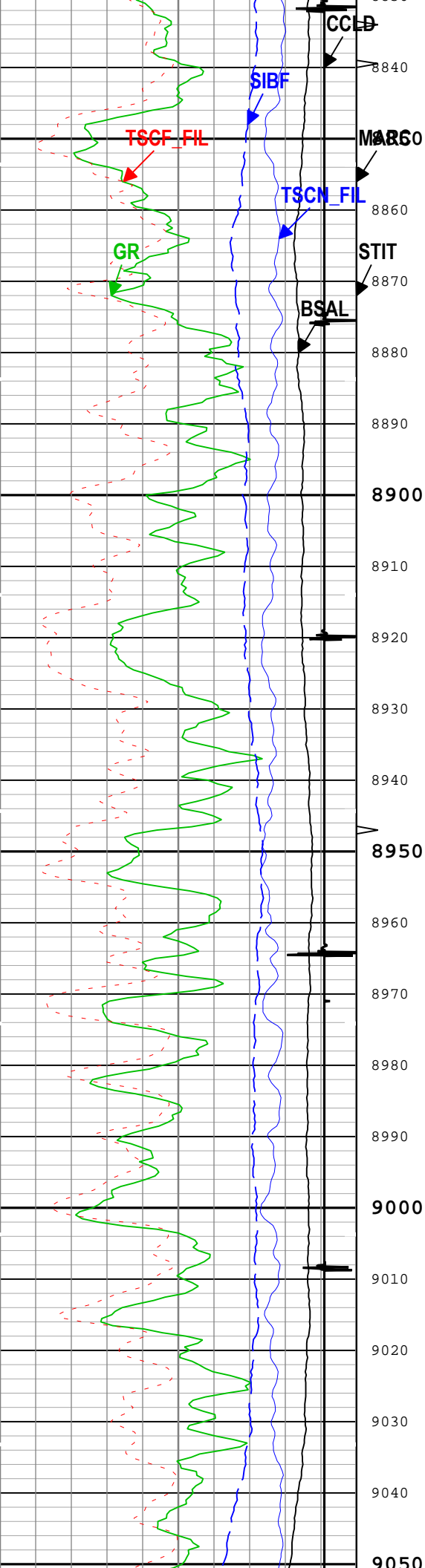


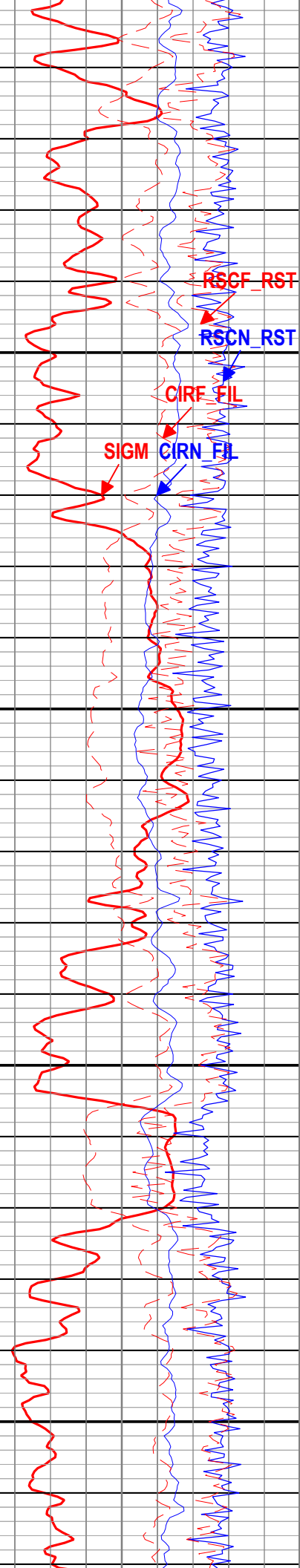
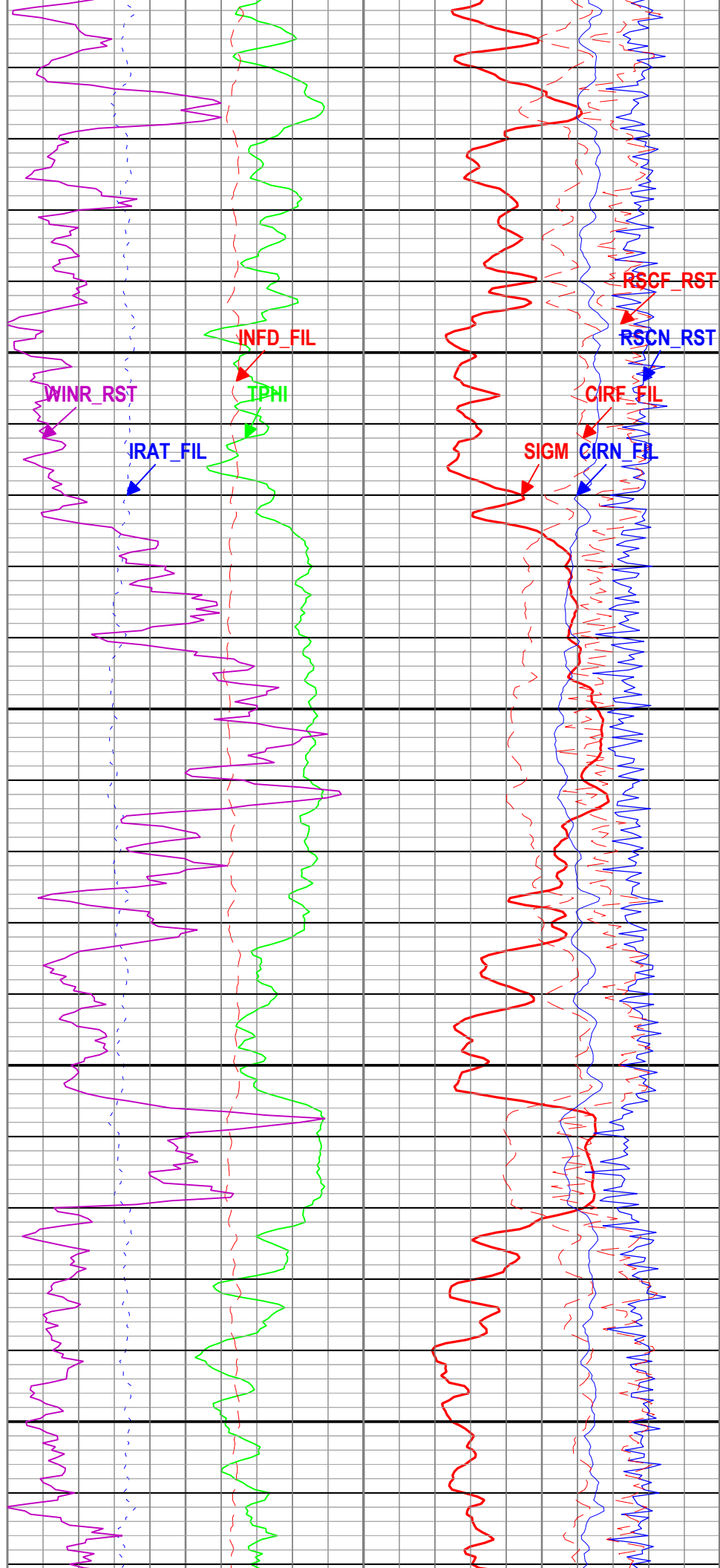
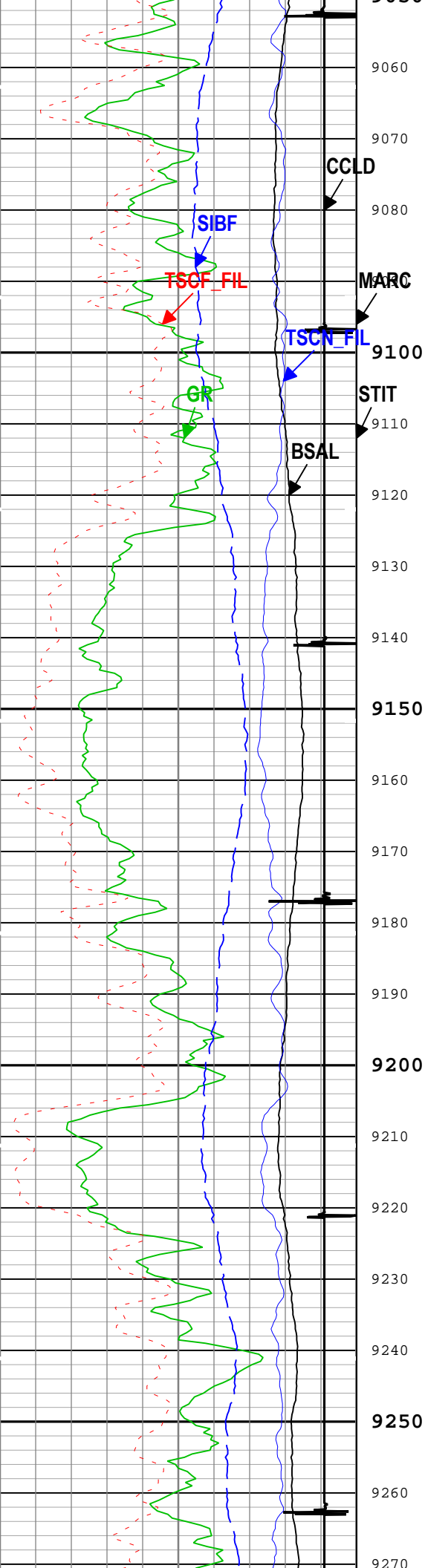


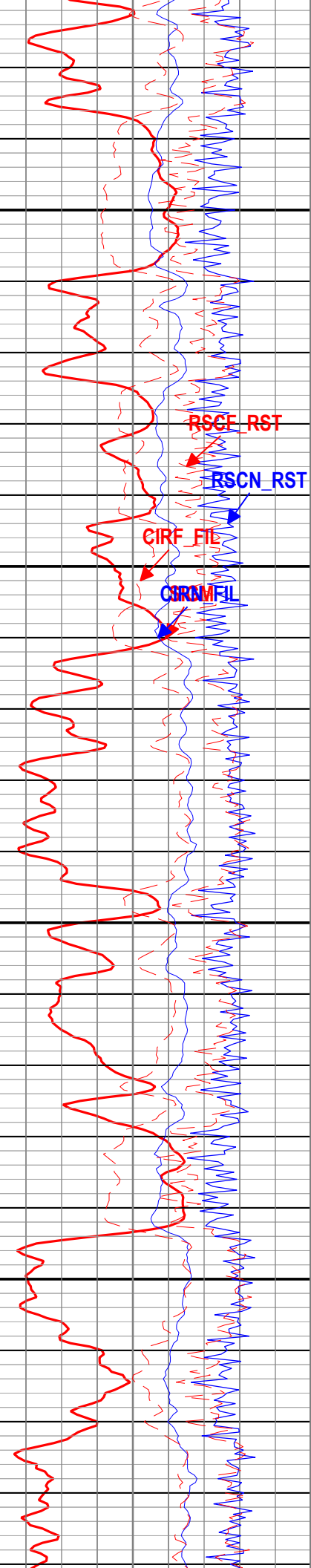
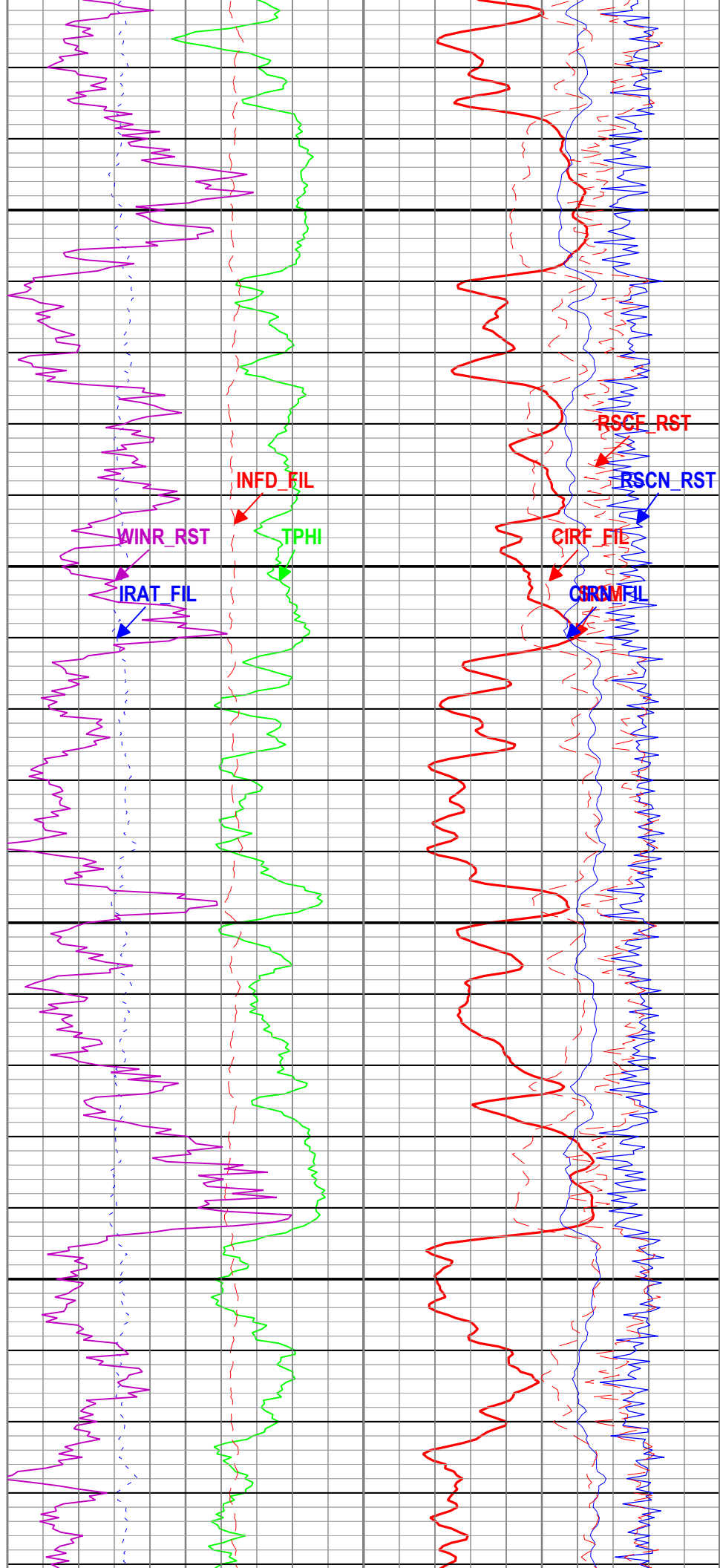
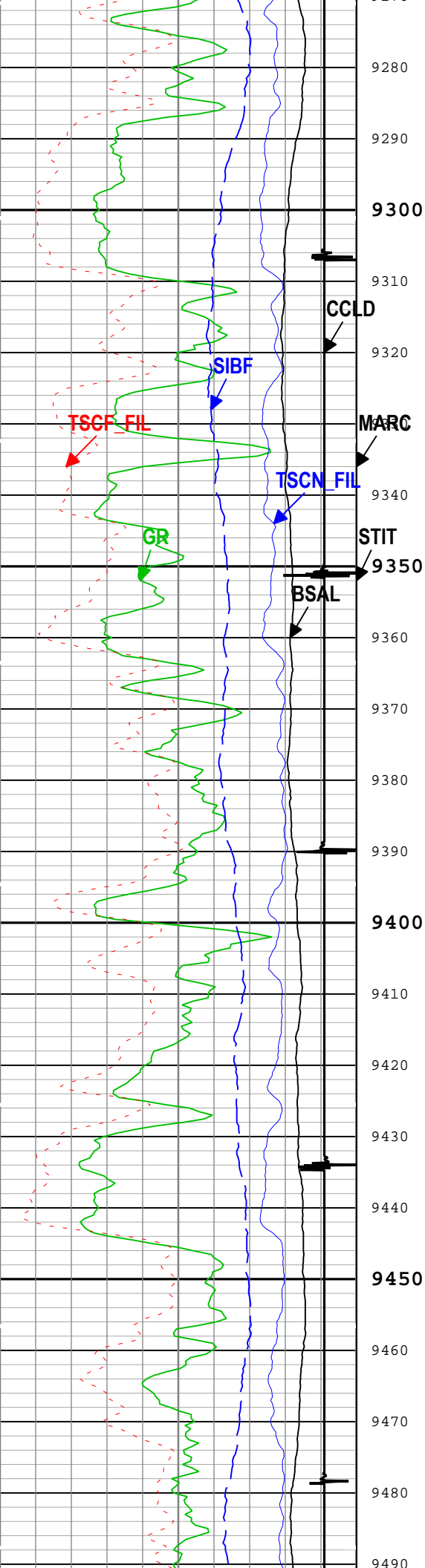


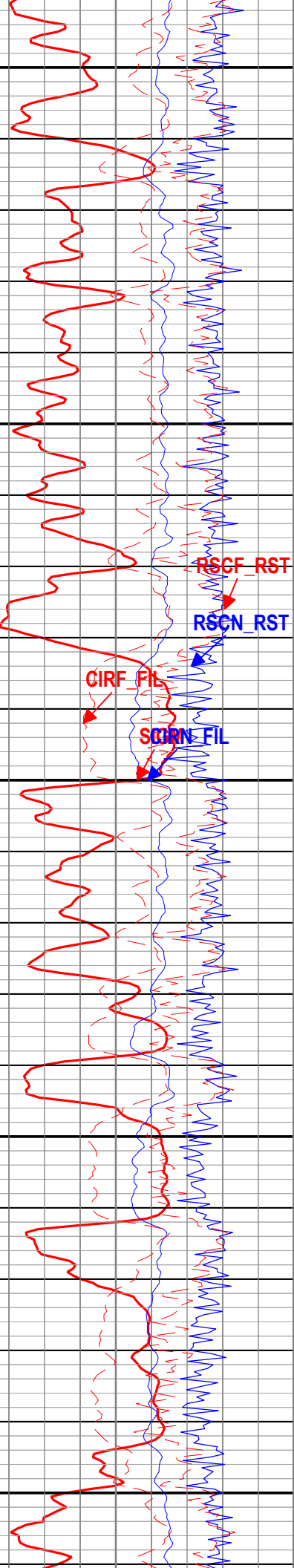
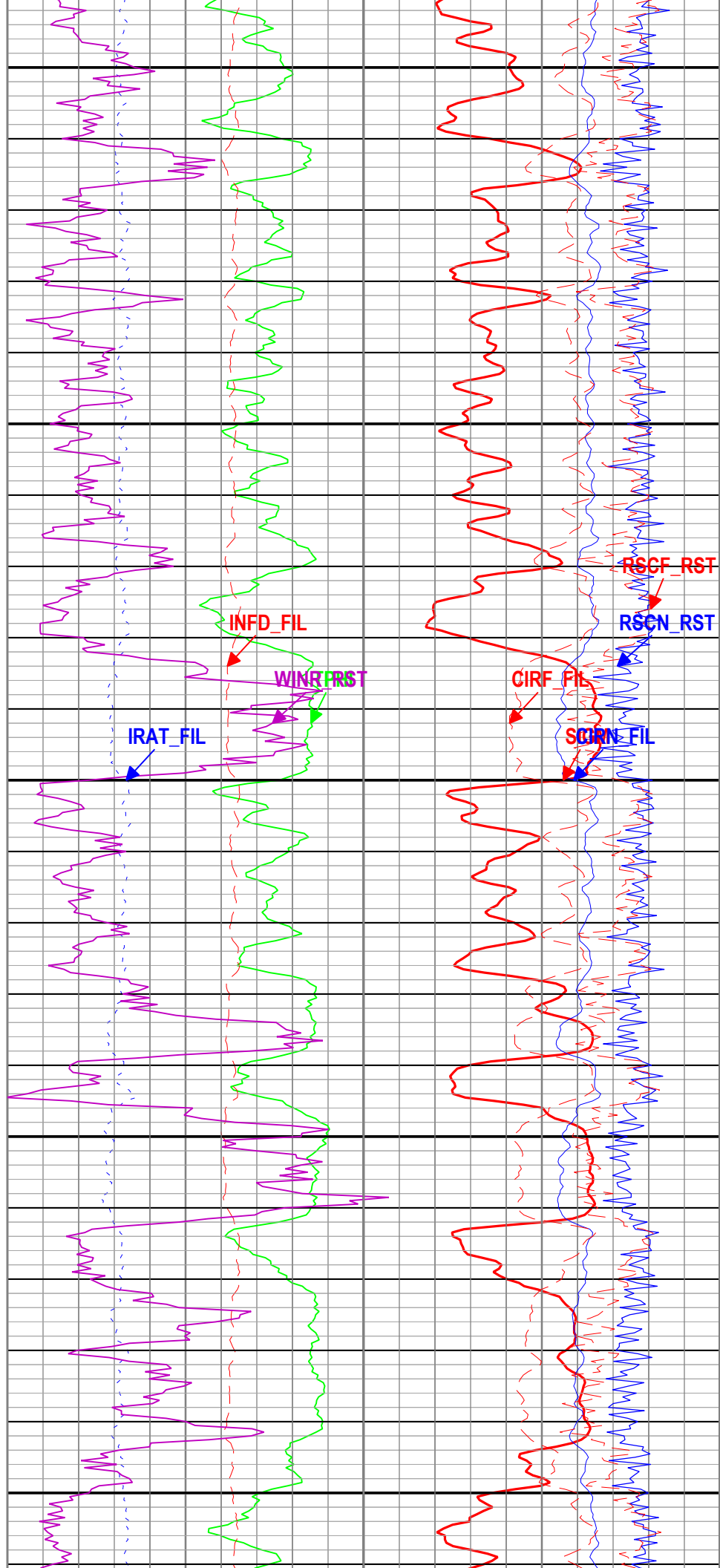
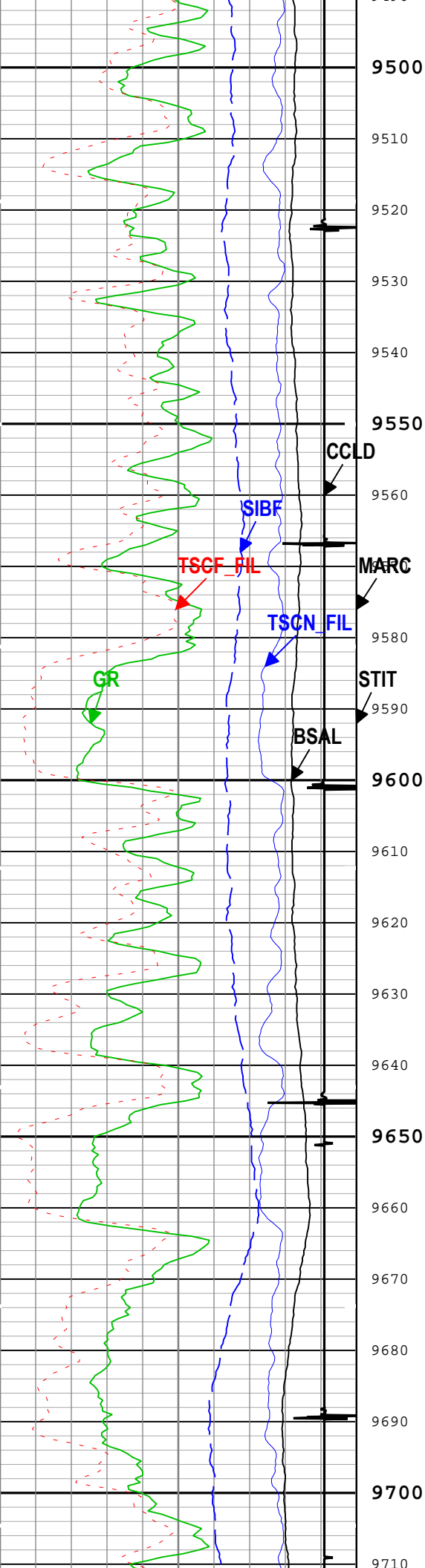


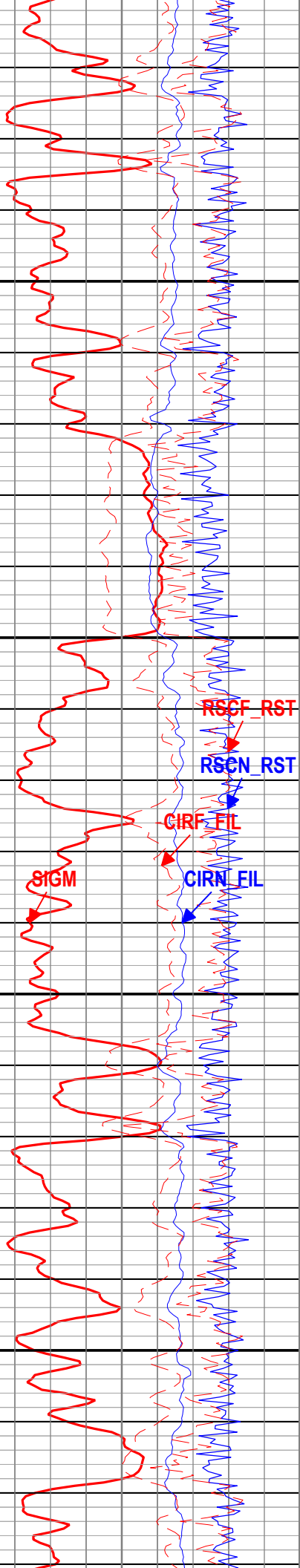
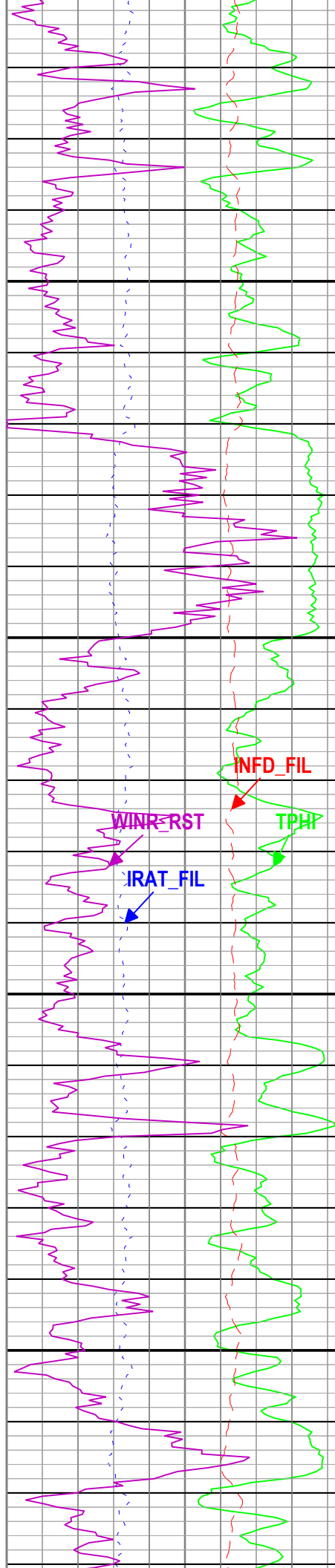
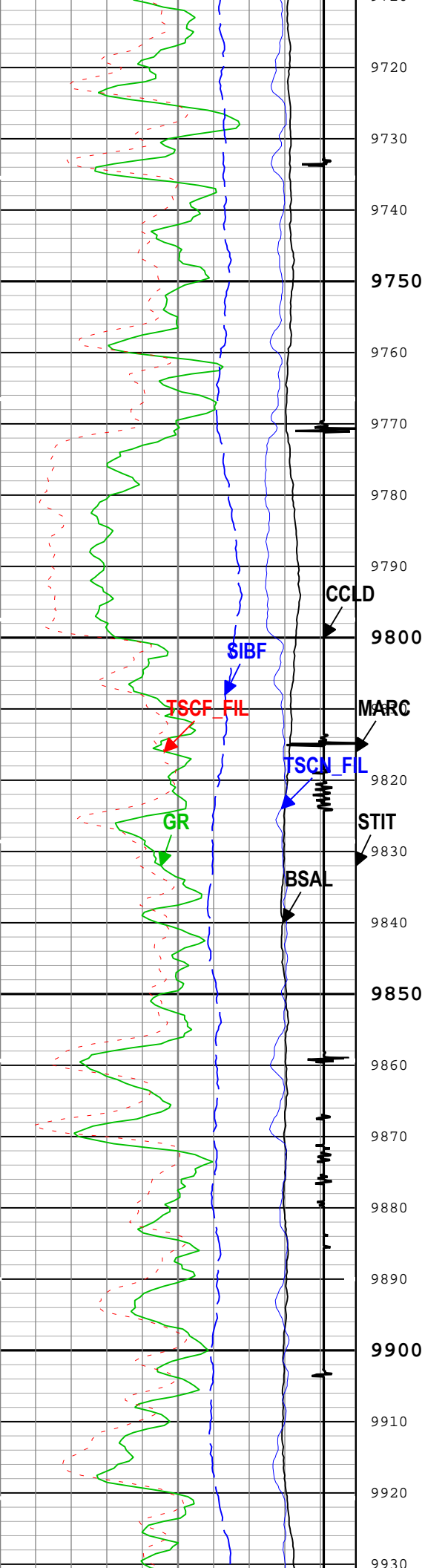


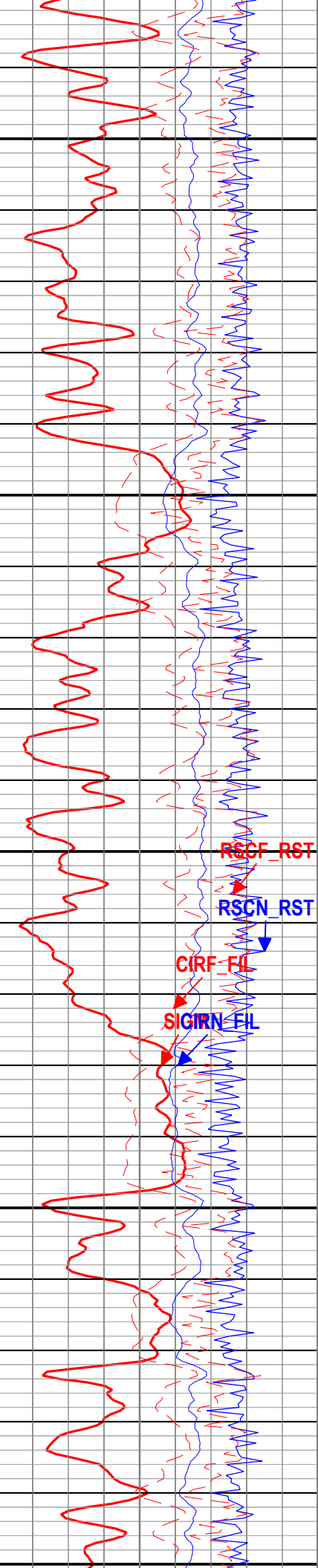
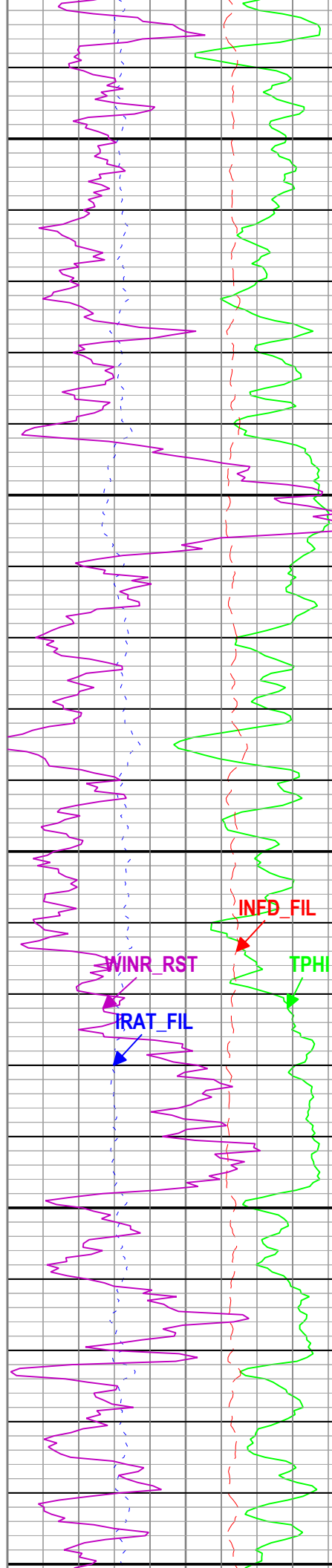
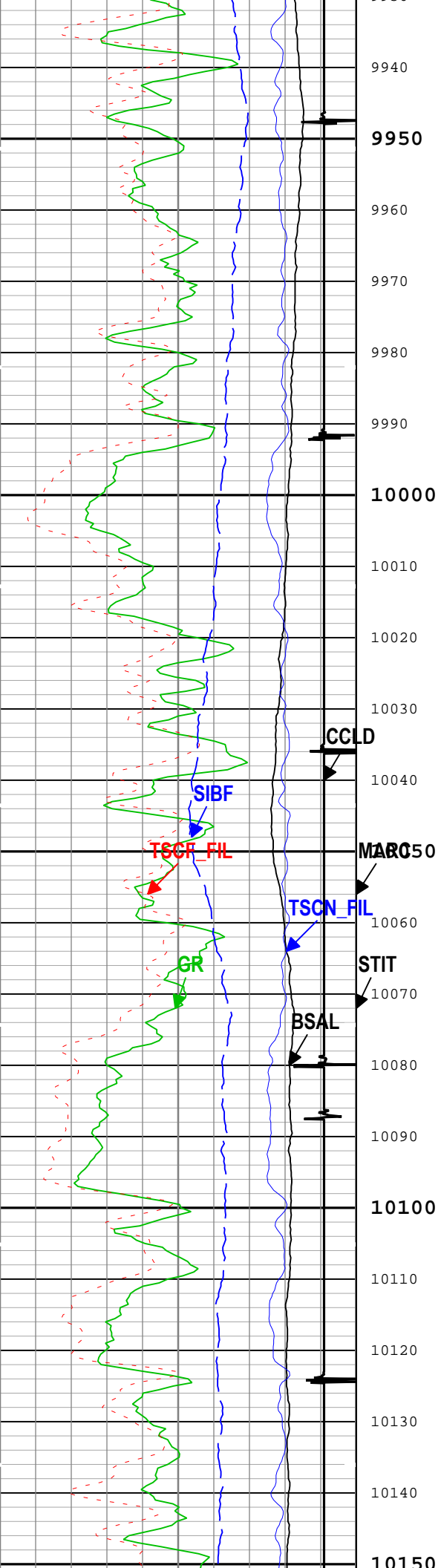


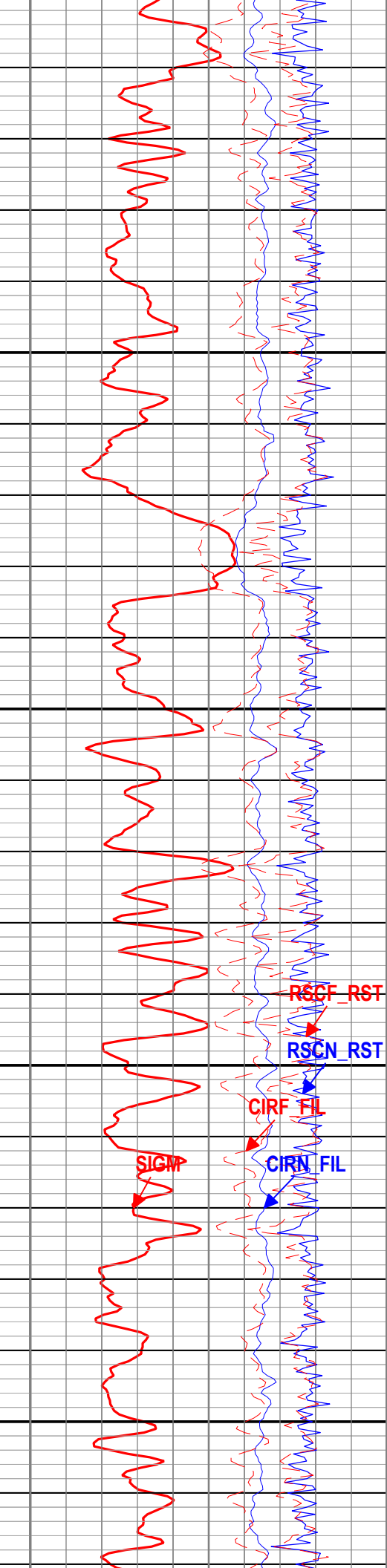
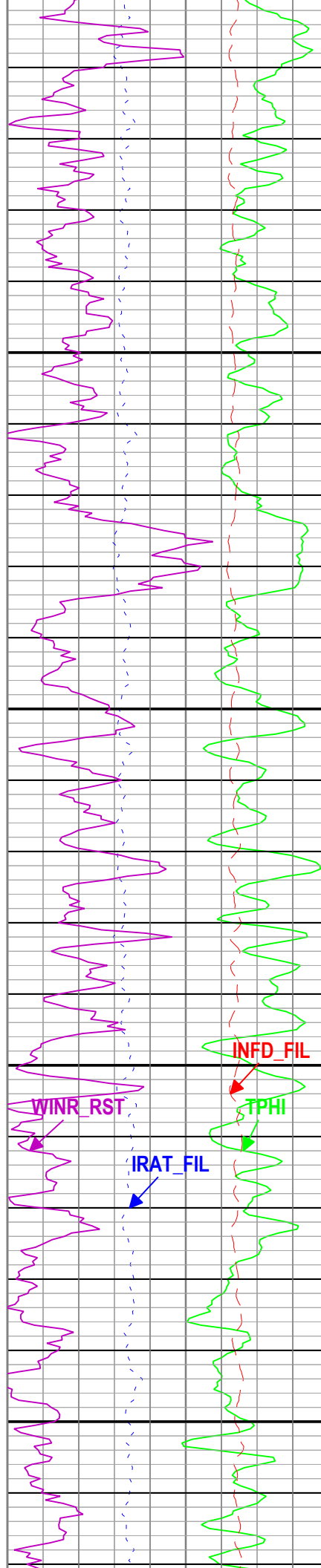
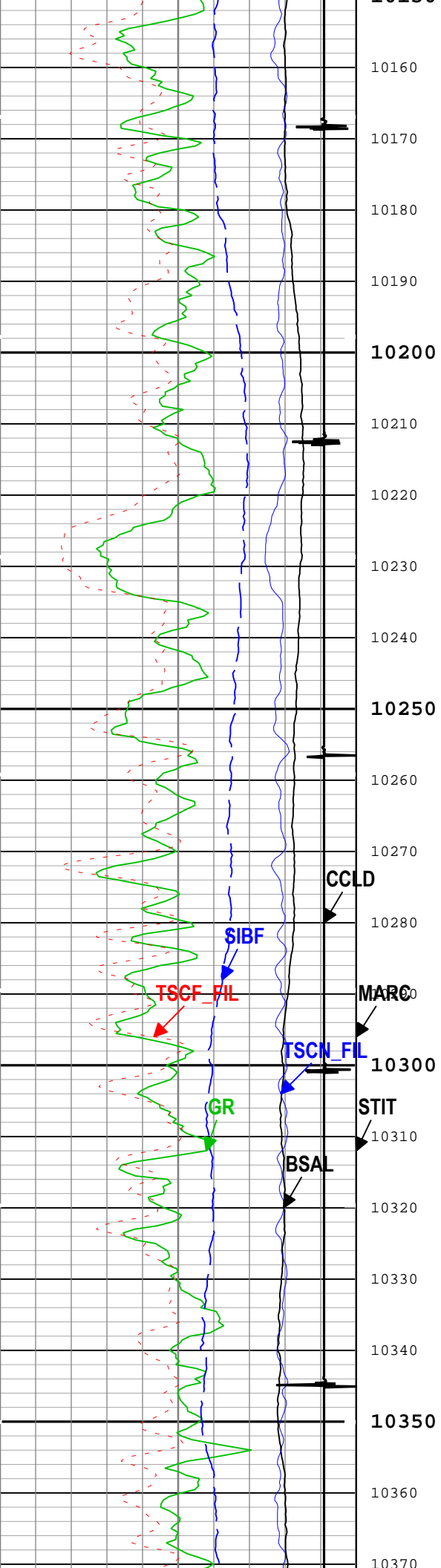


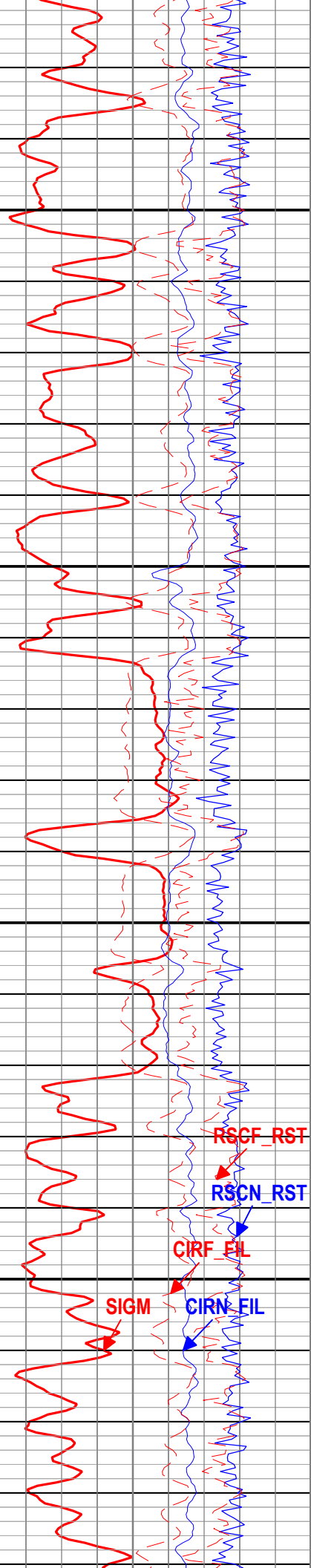
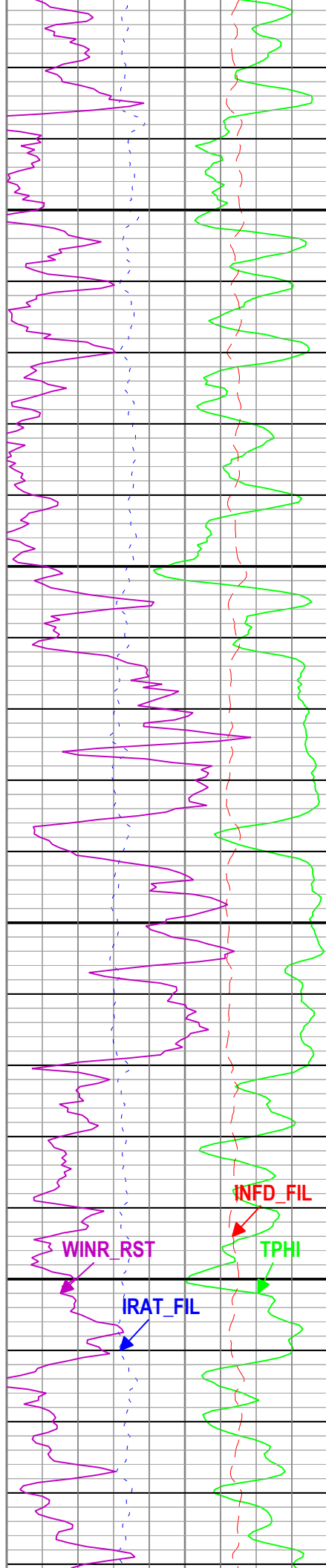
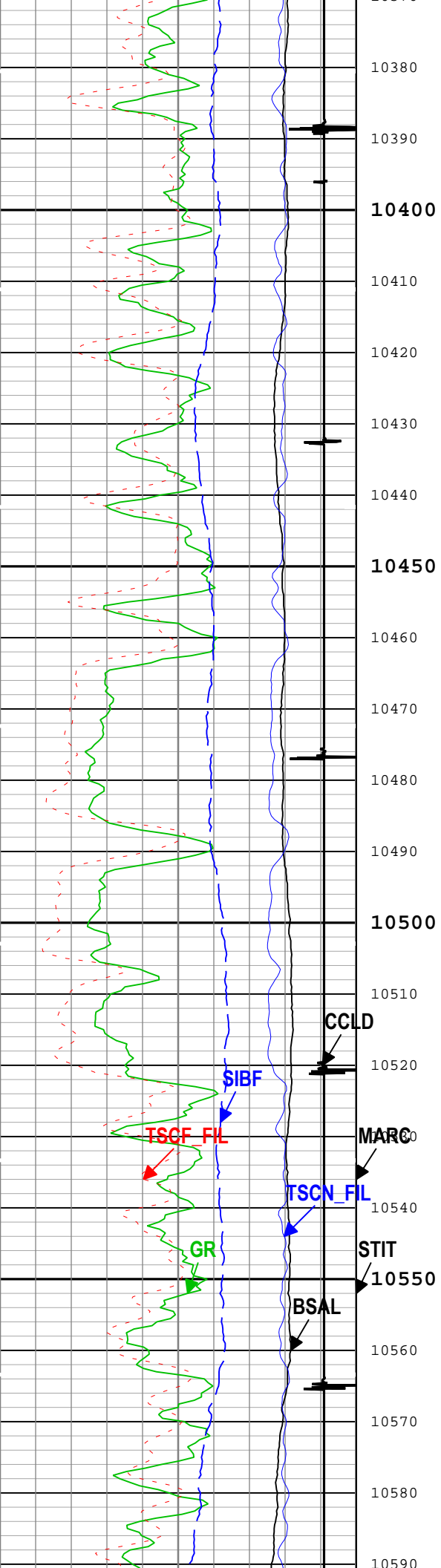


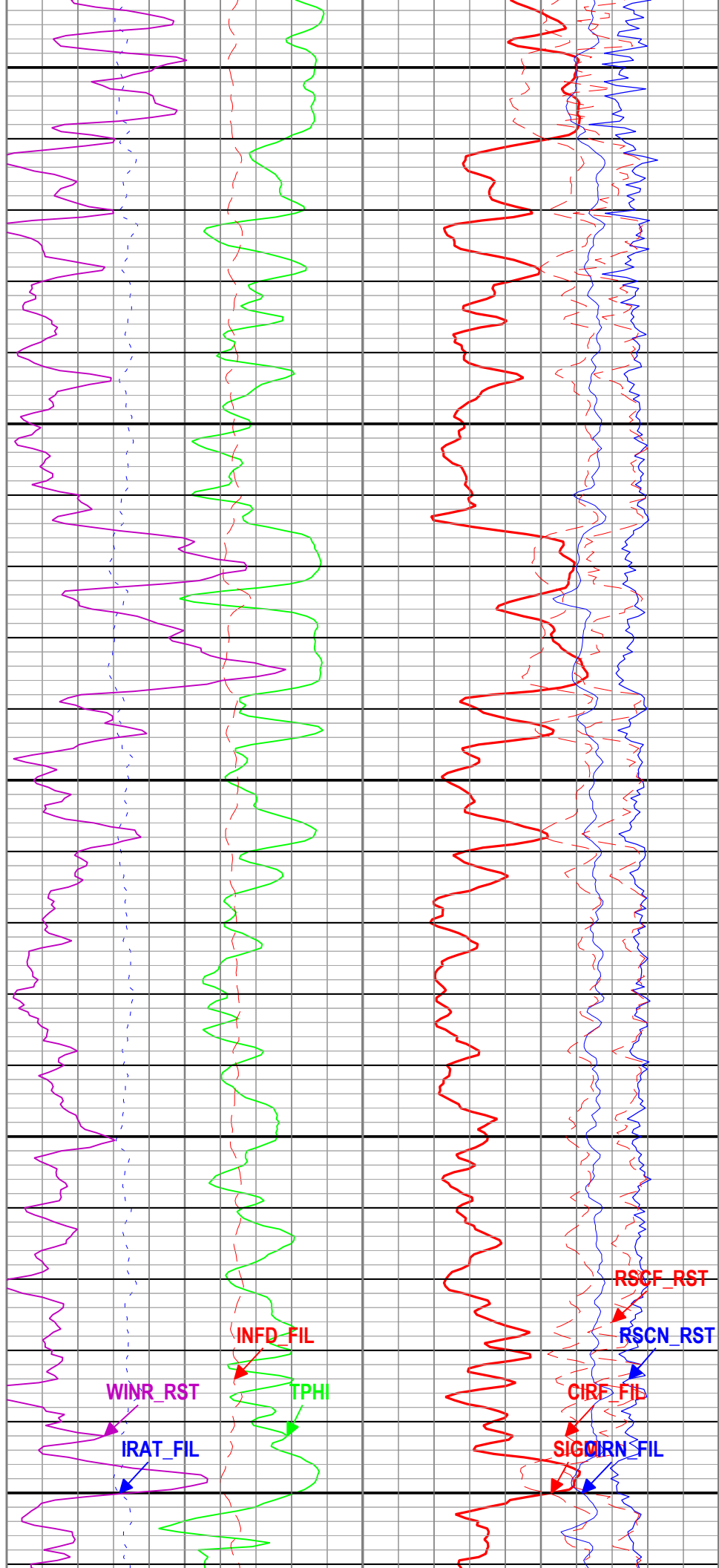
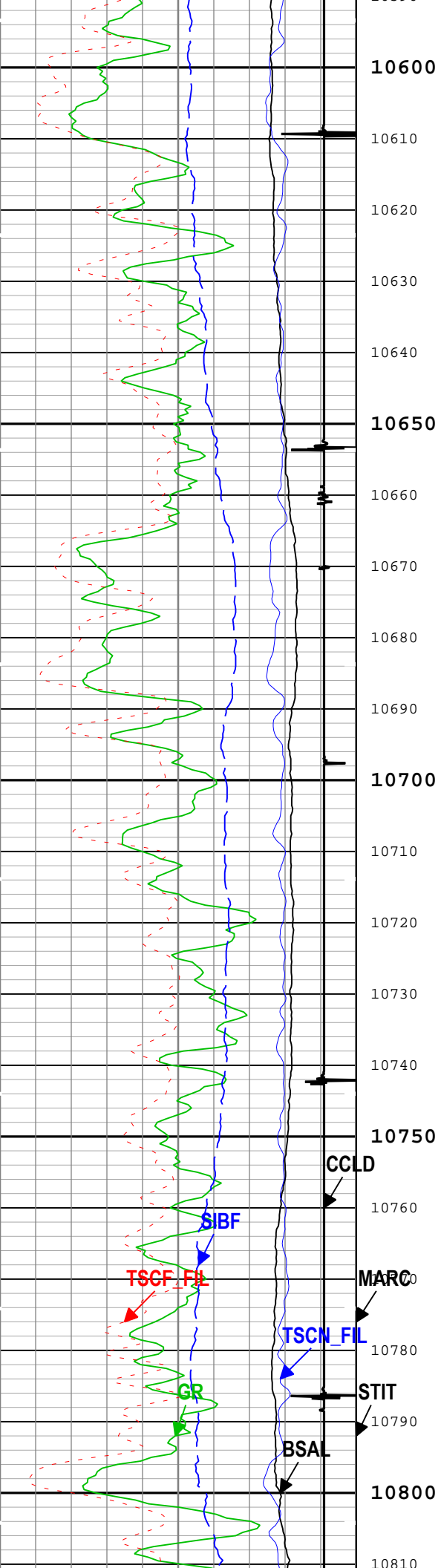


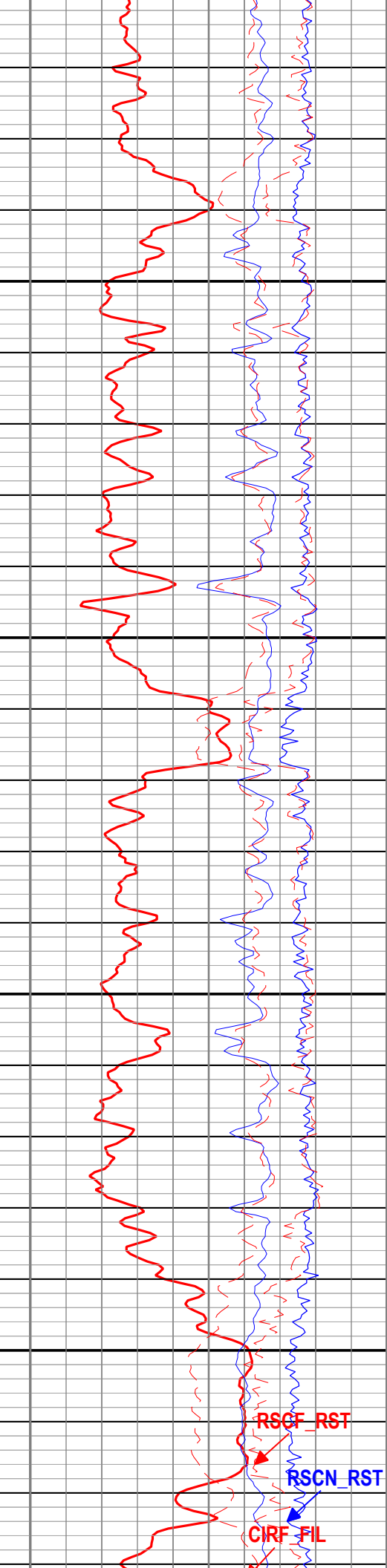
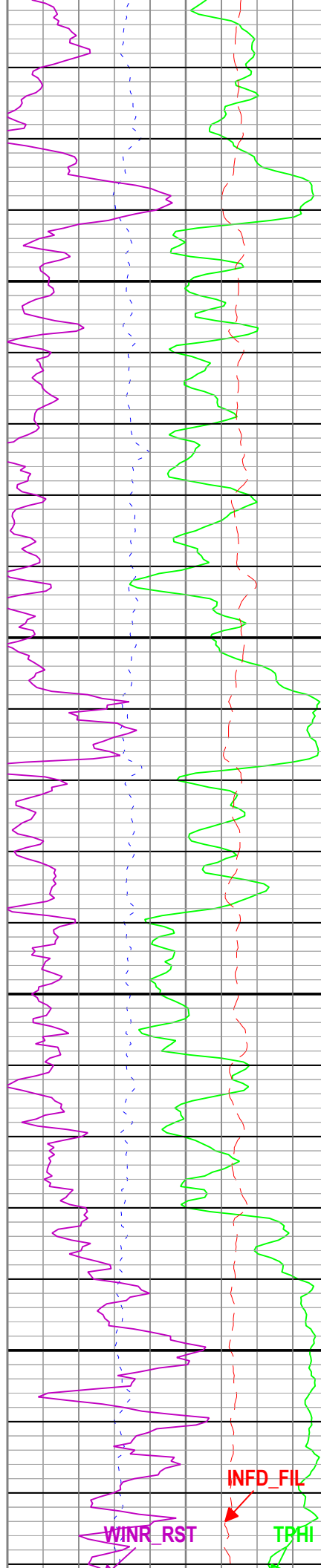
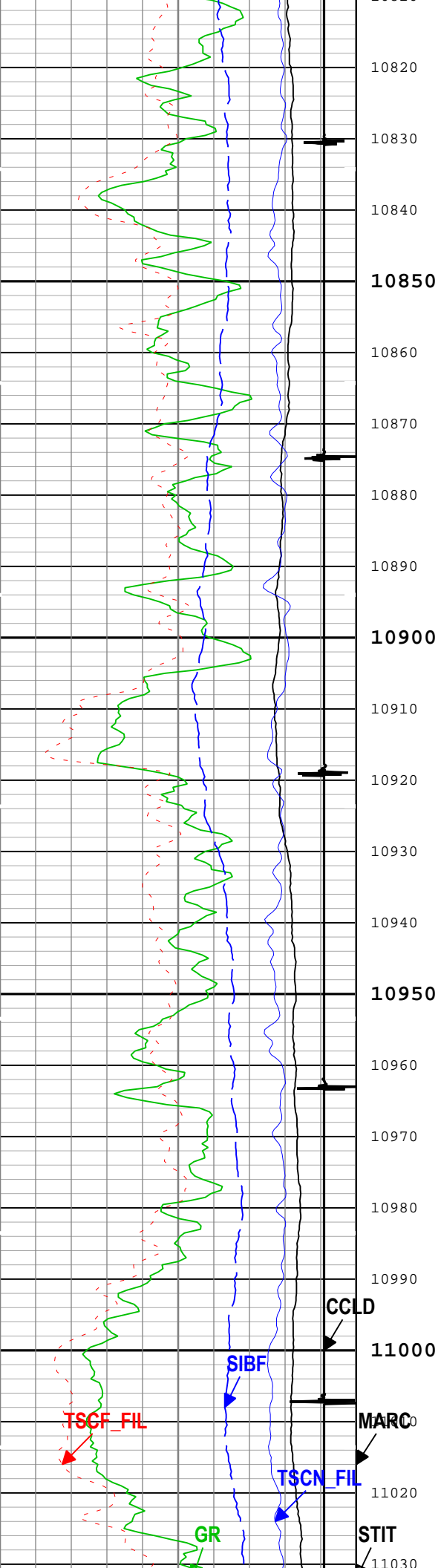


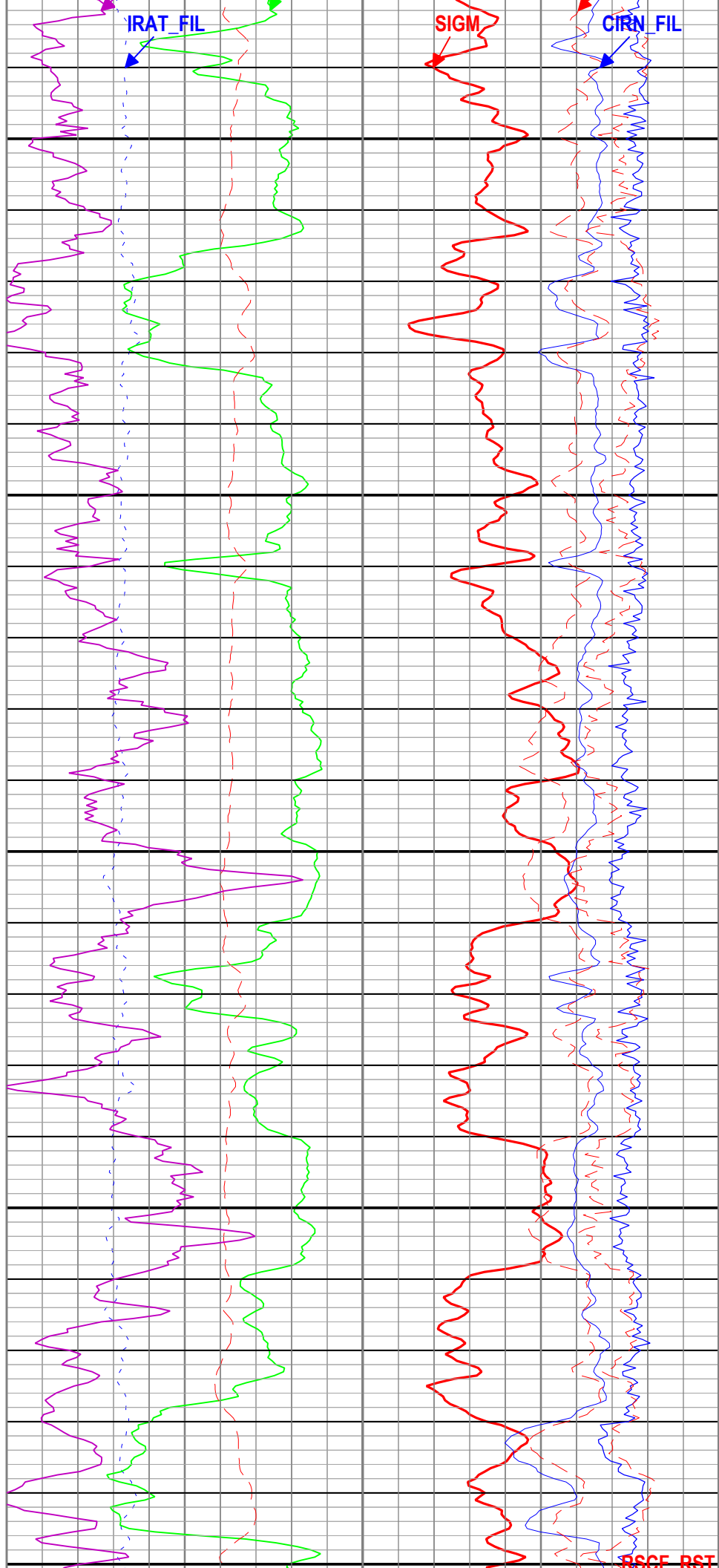
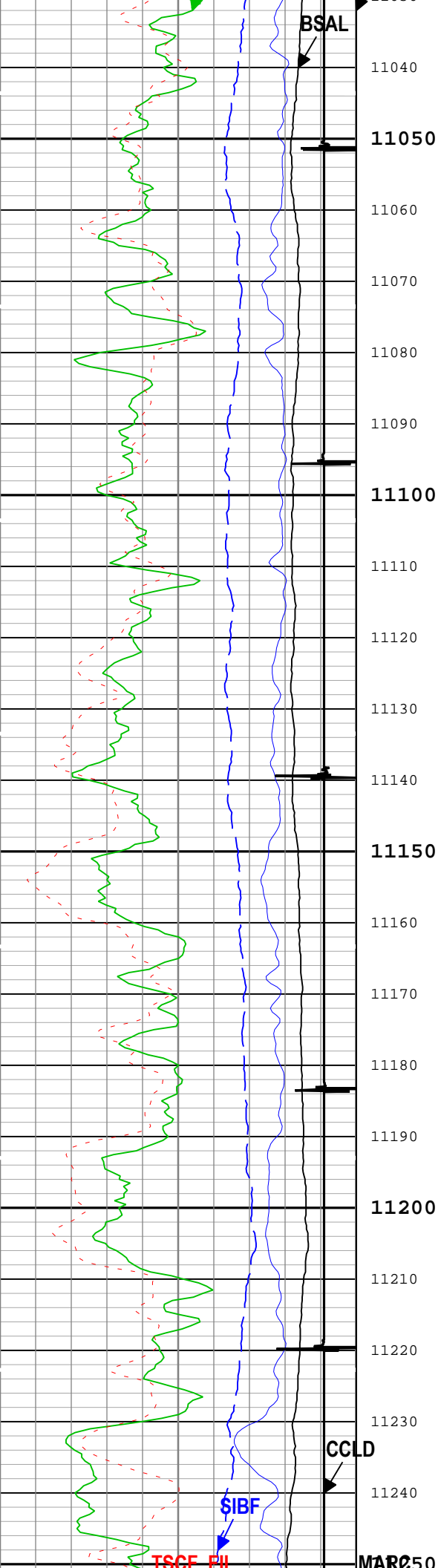


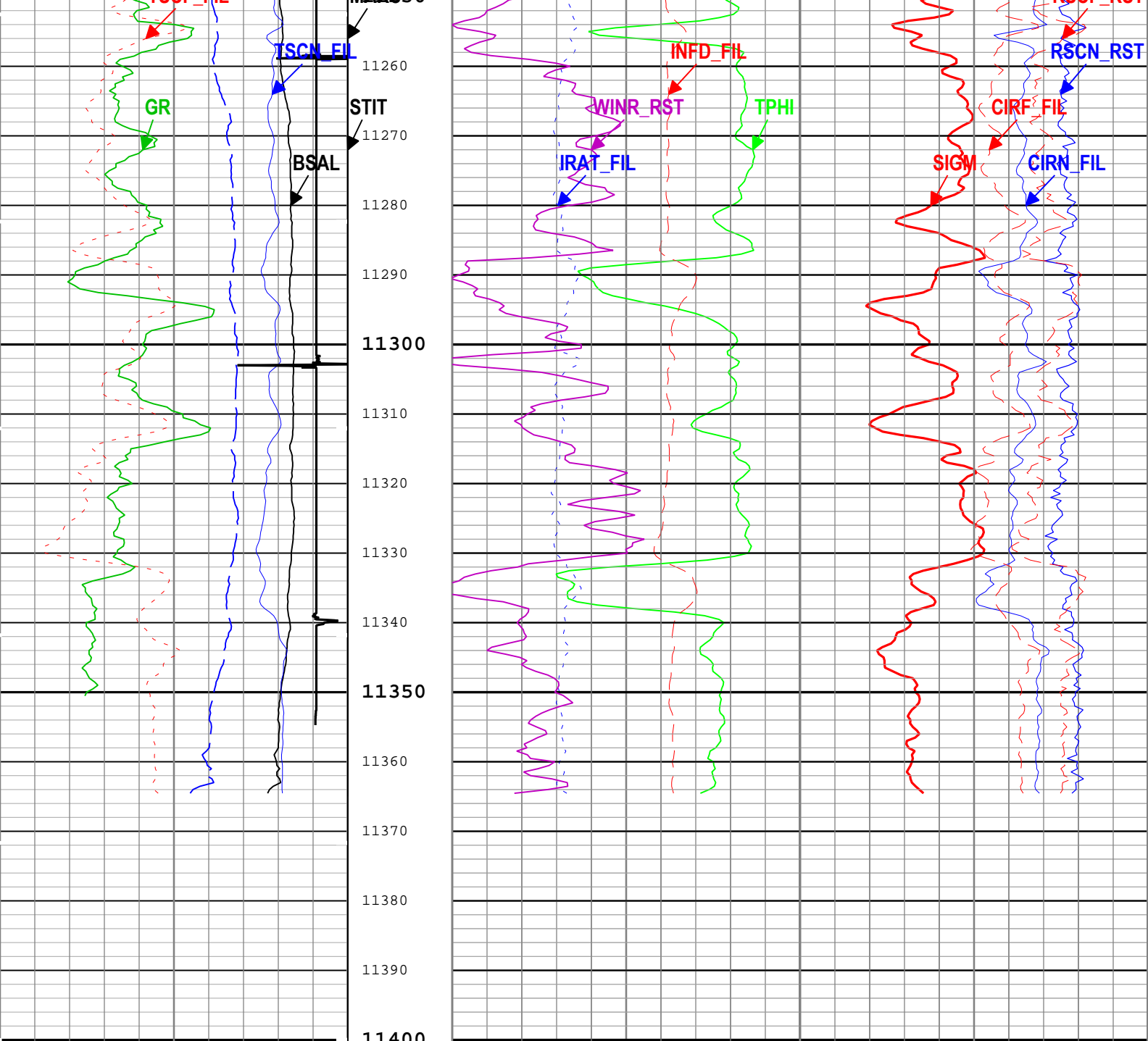












Borehole Salinity (BSAL) RST-C			Stuck Tool Indicator, Total (STIT)			Formation Sigma (Neutron Capture Cross Section) (SIGM) RST-C		
450	ppk	-50	0	ft	50	60	cu	0
Gamma Ray (GR) PSTP-E			Cable Drag From STIA to STIT			Weighted Inelastic Ratio (WINR_RST) RST-C		
0	gAPI	150	Tool Tot. Drag From D3T to STIT			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			Thermal Decay Porosity (TPHI) RST-C			Capture to Inelastic Ratio Near Filtered (CIRN_FIL) RST-C		
12000	1/s	0	0.6	ft3/ft3	0	2.5		0
Sigma Borehole Fluid (SIBF) RST-C			Gross Inelastic Count Rate Far Detector Filtered (INFD_FIL) RST-C			Capture to Inelastic Ratio Far Filtered (CIRF_FIL) RST-C		
100	cu	0	10000	1/s	0	5		0
CCL Discriminated Amplitude (CCLD) PSTP-E			Near Detector Effective Unregulated Capture Count Rate (RSCN_RST) RST-C			Far Detector Effective Unregulated Capture Count Rate (RSCF_RST) RST-C		
-10	V	1	0		5	45		0

—IHV - Integrated Hole Volume every 10.00 (ft3)

TIME_1900 - Elapsed time since midnight, 30 December 1899 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: 20-Apr-2019 05:51:13
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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	2000	2843.4
BS	8.75	2843.4	11400.62

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-E	0 dB	
RST_DLM	Depth Log Mode	RST-C	Sigma	

ONE

CBL-VDL REPEAT PASS [5:100]

Software Version

Acquisition System	Version
Maxwell 2018 SP2	8.2.104493.3100
Application Patch	Wireline_Hotfix-Mandatory-2018.2_8.2.108371

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
ONE	Log[2]:Up	Up	2998.28 ft	3498.23 ft	19-Apr-2019 9:34:34 PM	19-Apr-2019 9:54:14 PM	ON	-2.08 ft	Yes

All depths are referenced to toolstring zero

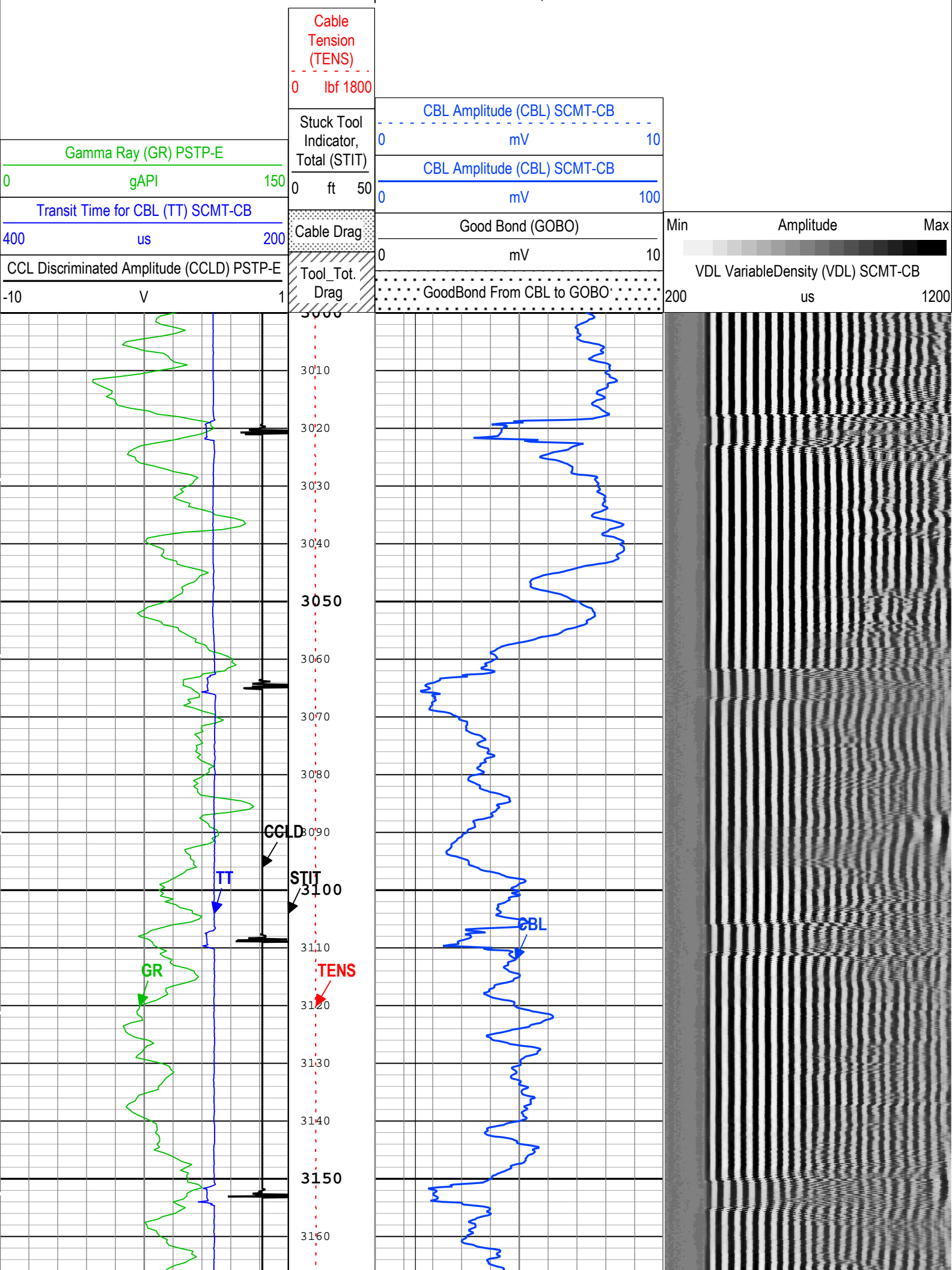
Log

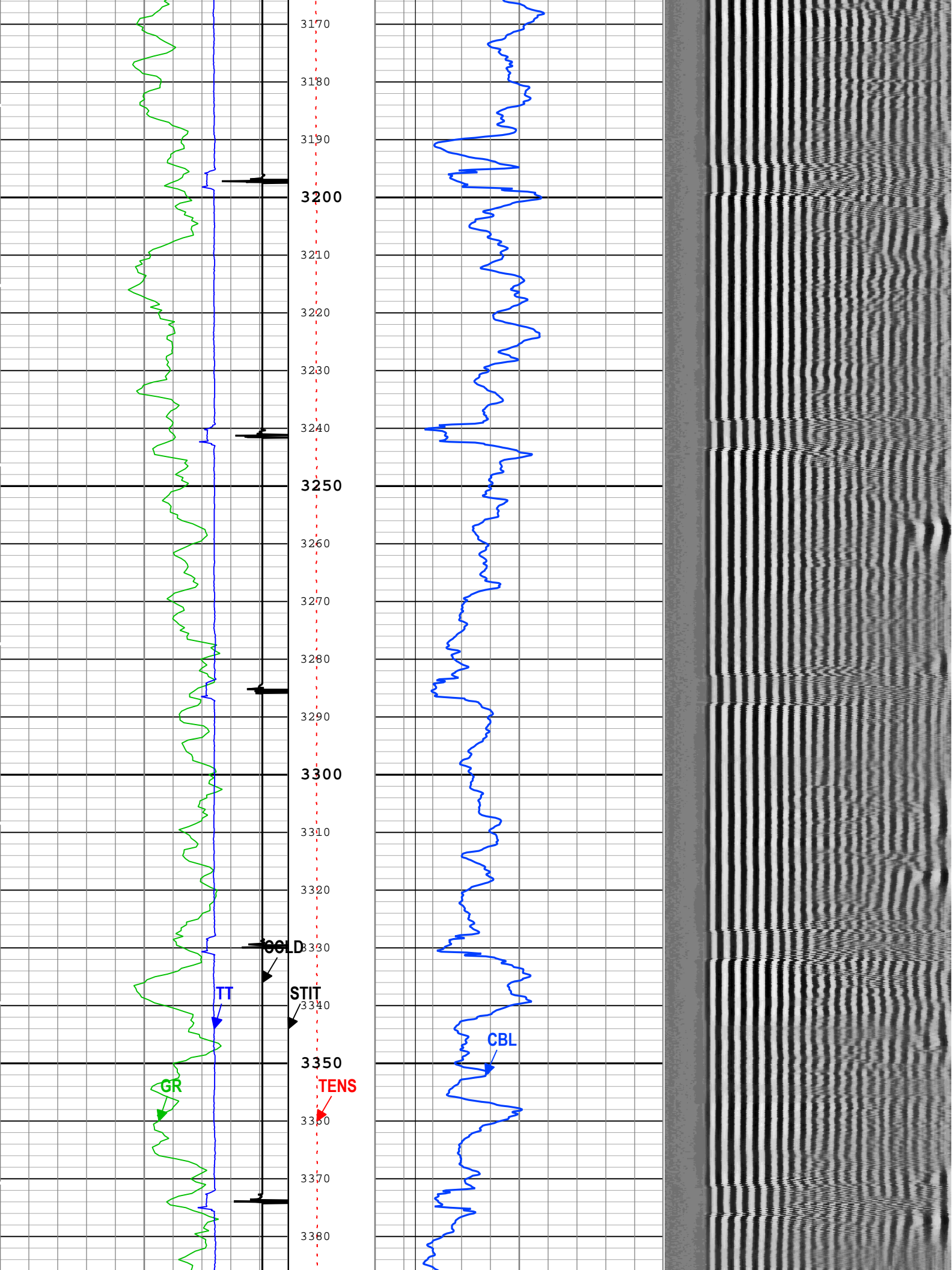
ONE: Log[2]:Up:S003

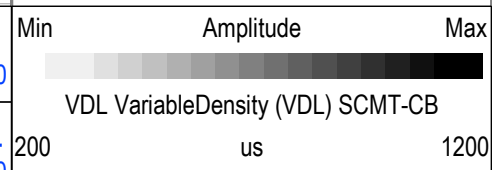
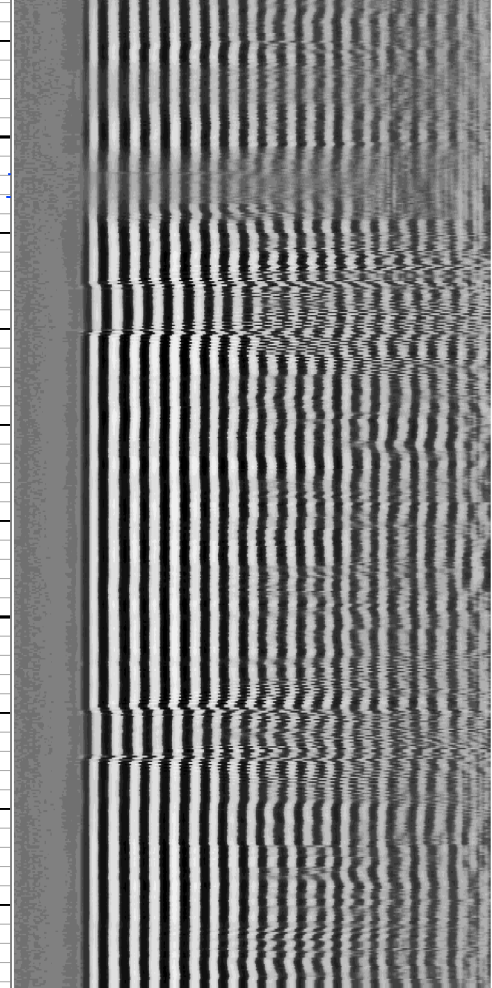
Description: Sonic CBL with VDL Format: Log (Sonic CBL with VDL) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 20-Apr-2019 05:51:19

TIME_1900 - Time Marked every 60.00 (s)

■ BIEP - Bond Index Event Pips SCMT-CB







- BIEP - Bond Index Event Pips SCMT-CB

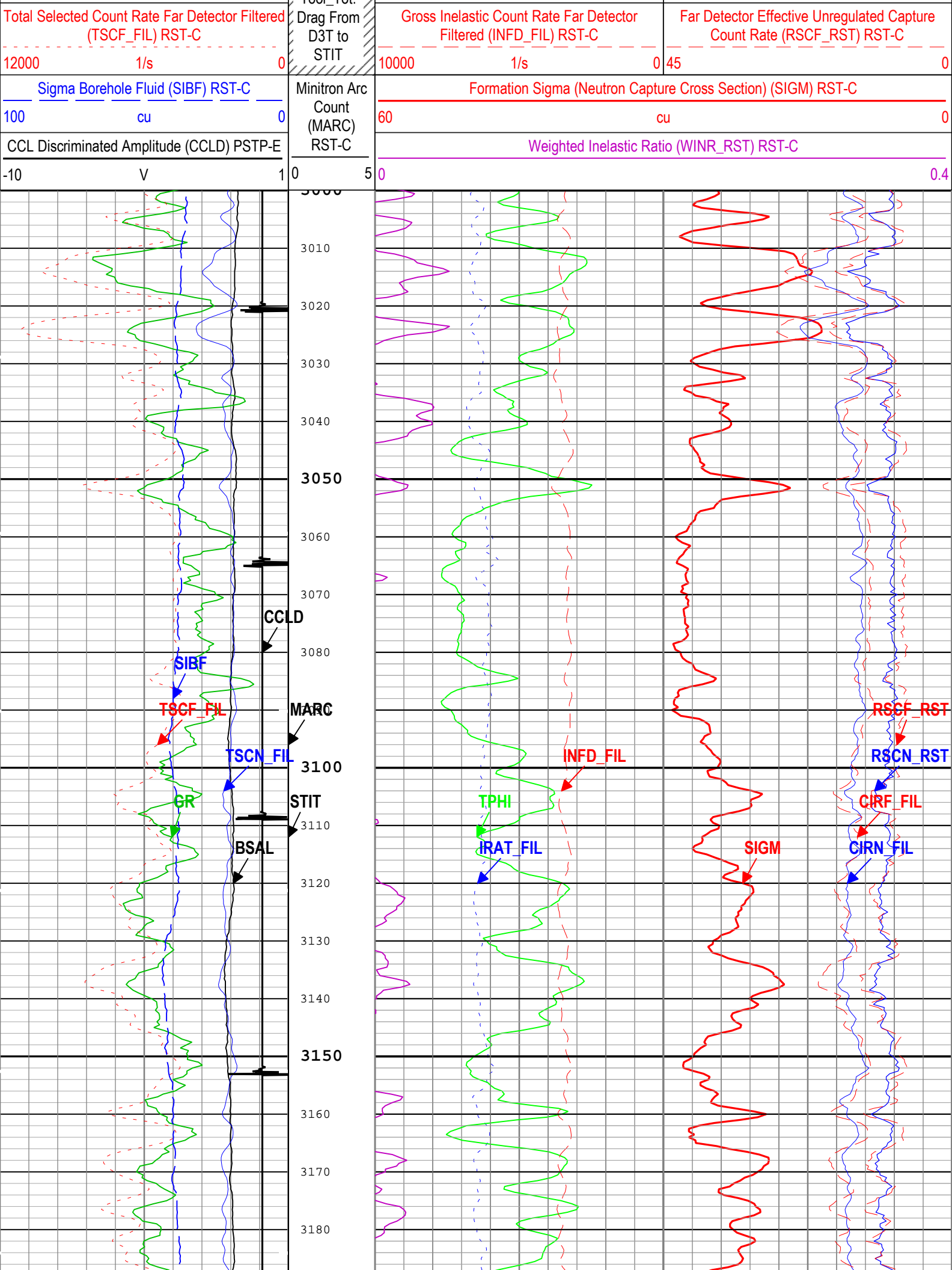
TIME_1900 - Time Marked every 60.00 (s)

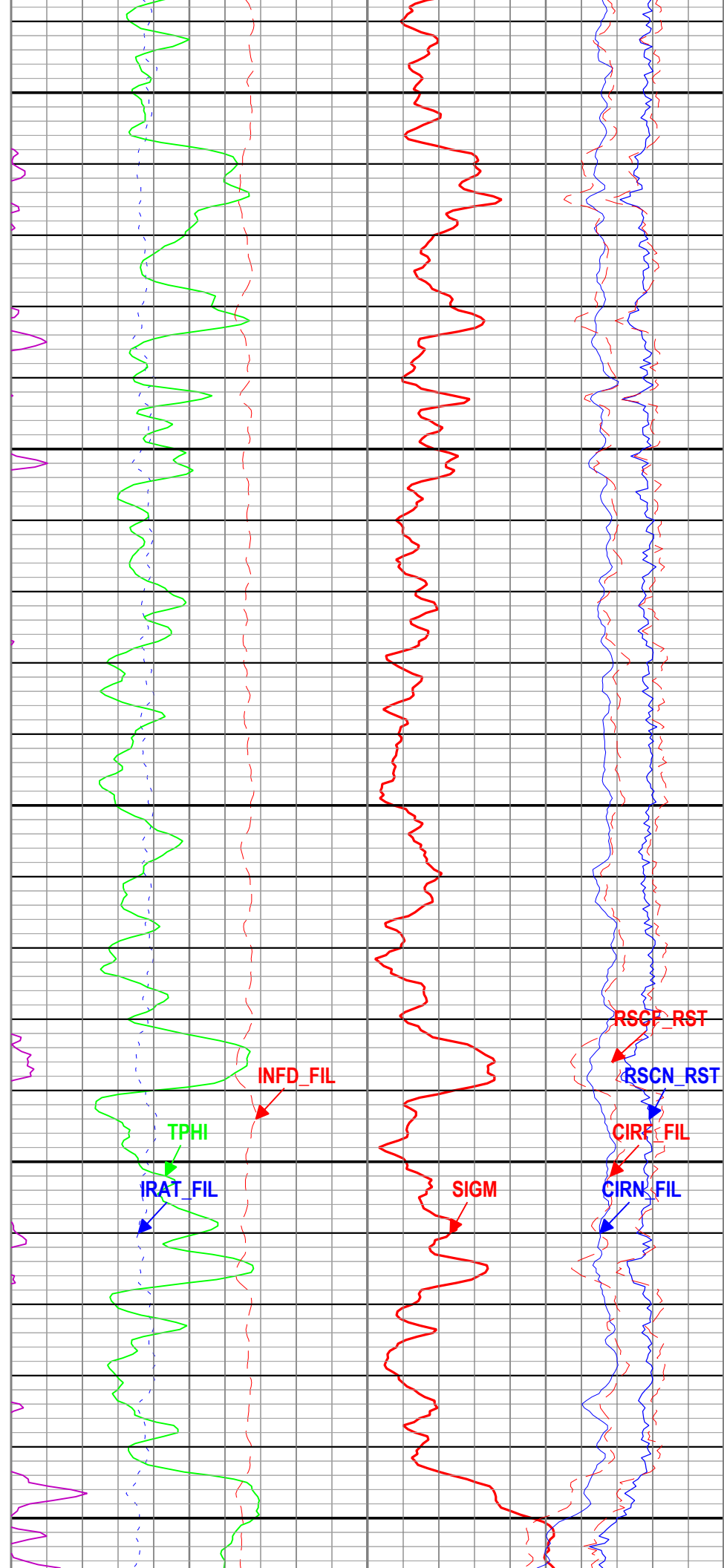
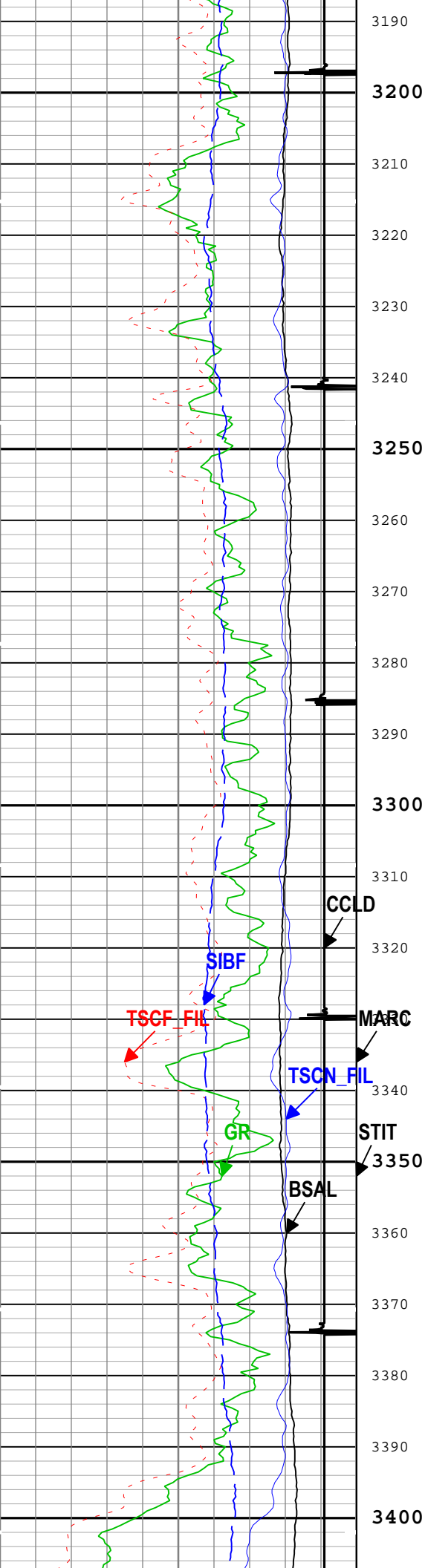
Description: Sonic CBL with VDL	Format: Log (Sonic CBL with VDL)	Index Scale: 5 in per 100 ft	Index Unit: ft	Index Type: Measured Depth	Creation Date: 20-Apr-2019 05:51:19
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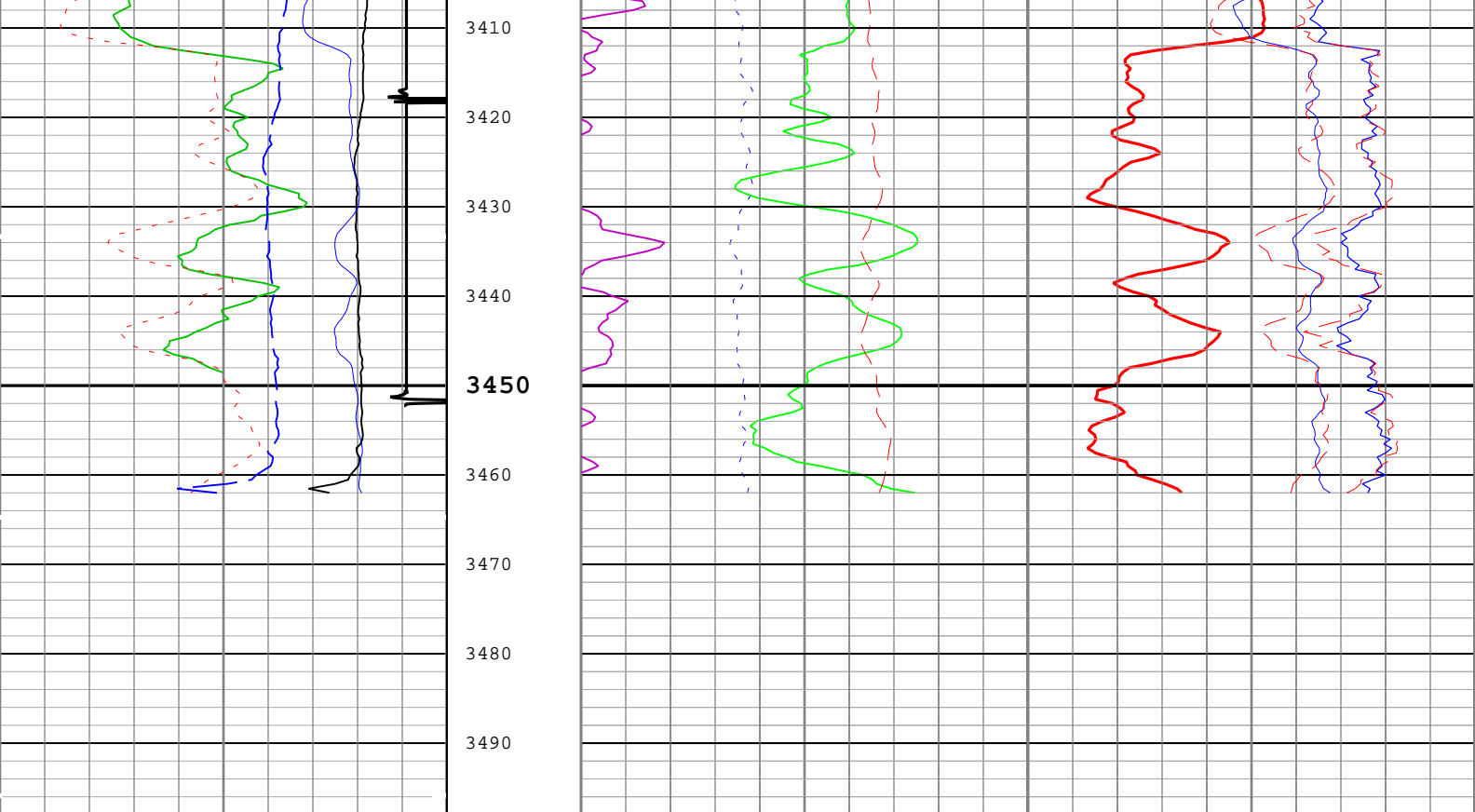
Channel Processing Parameters

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







Borehole Salinity (BSAL) RST-C			Stuck Tool Indicator, Total (STIT)	Formation Sigma (Neutron Capture Cross Section) (SIGM) RST-C		
450	ppk	-50		60	cu	0
Gamma Ray (GR) PSTP-E			0 ft 50	Weighted Inelastic Ratio (WINR_RST) RST-C		
0	gAPI	150		0		0.4
Total Selected Count Rate Near Detector Filtered (TSCN_FIL) RST-C			Cable Drag From STIA to STIT	Inelastic Ratio Filtered (IRAT_FIL) RST-C		Capture to Inelastic Ratio Near Filtered (CIRN_FIL) RST-C
30000	1/s	0		0.75	0	2.5
Total Selected Count Rate Far Detector Filtered (TSCF_FIL) RST-C			Tool_Tot. Drag From D3T to STIT	Thermal Decay Porosity (TPHI) RST-C		Capture to Inelastic Ratio Far Filtered (CIRF_FIL) RST-C
12000	1/s	0		0.6	ft3/ft3	0
Sigma Borehole Fluid (SIBF) RST-C			Minitron Arc Count (MARC) RST-C	Gross Inelastic Count Rate Far Detector Filtered (INFD_FIL) RST-C		Near Detector Effective Unregulated Capture Count Rate (RSCN_RST) RST-C
100	cu	0		10000	1/s	0
CCL Discriminated Amplitude (CCLD) PSTP-E			0 5			45
-10	V	1				Far Detector Effective Unregulated Capture Count Rate (RSCF_RST) RST-C
						45
						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: 20-Apr-2019 05:51:21

Channel Processing Parameters

ONE: Parameters

Parameter	Description	Tool	Value	Unit
BHS	Borehole Status (Open or Cased Hole)	Borehole	Cased	

	Bit Size (Open or Closed Bit)	Bit Size	8.75	
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-E	0 dB	
RST_DLM	Depth Log Mode	RST-C	Sigma	

Well: NPR 24A-3 596
Field: NPR
County: GARFIELD
State: COLORADO

CEMENT BOND LOG

RST SIGMA LOG

GAMMA RAY - COLLAR LOCATOR LOG