

Company: Anadarko Petroleum Corporation

Well: Verde 13-8HZ

Field: Wildcat

County: Weld State: Colorado

Cement Bond Log

Variable Density Log

County:	Weld				
Field:	Wildcat				
Location:	NENW Sec. 13, T1N, R66W				
Well:	Verde 13-8HZ				
Company:	Anadarko Petroleum Corporation				
		Location:			
		NENW Sec. 13, T1N, R66W	Elev.:	K.B.	5097.00 ft
		902' FNL, 2543' FWL		G.L.	5071.00 ft
		Lat/Long: 40.056072/-104.72583		D.F.	5097.00 ft
		Permanent Datum:	Ground Level	Elev.:	5071.00 f
		Log Measured From:	Kelly Bushing	26.00 ft	above Perm.Datum
		Drilling Measured From:	Kelly Bushing		
		API Serial No.	Section:	Township:	Range:
		05-123-46256	13	1N	66W
Logging Date	22-Jun-2018				

Run Number	ONE	
Depth Driller	18573.00 ft	
Schlumberger Depth	18573.00 ft	
Bottom Log Interval	6540.00 ft	
Top Log Interval	100.00 ft	
Casing Fluid Type	Water	
Salinity		
Density	8.4 lbm/gal	
Fluid Level	8.00 ft	
BIT/CASING/TUBING STRING		
Bit Size	7.88 in	
From	1866.00 ft	
To	18573.00 ft	
Casing/Tubing Size	5.5 in	
Weight	17 lbm/ft	
Grade	P110	
From	0.00 ft	
To	18557.00 ft	
Max Recorded Temperatures	211 degF	
Logger on Bottom	22-Jun-2018	08:32:00
Unit Number	9108	Fort Morgan
Recorded By	Ashley Rosacker	
Witnessed By	Kyle Carver	

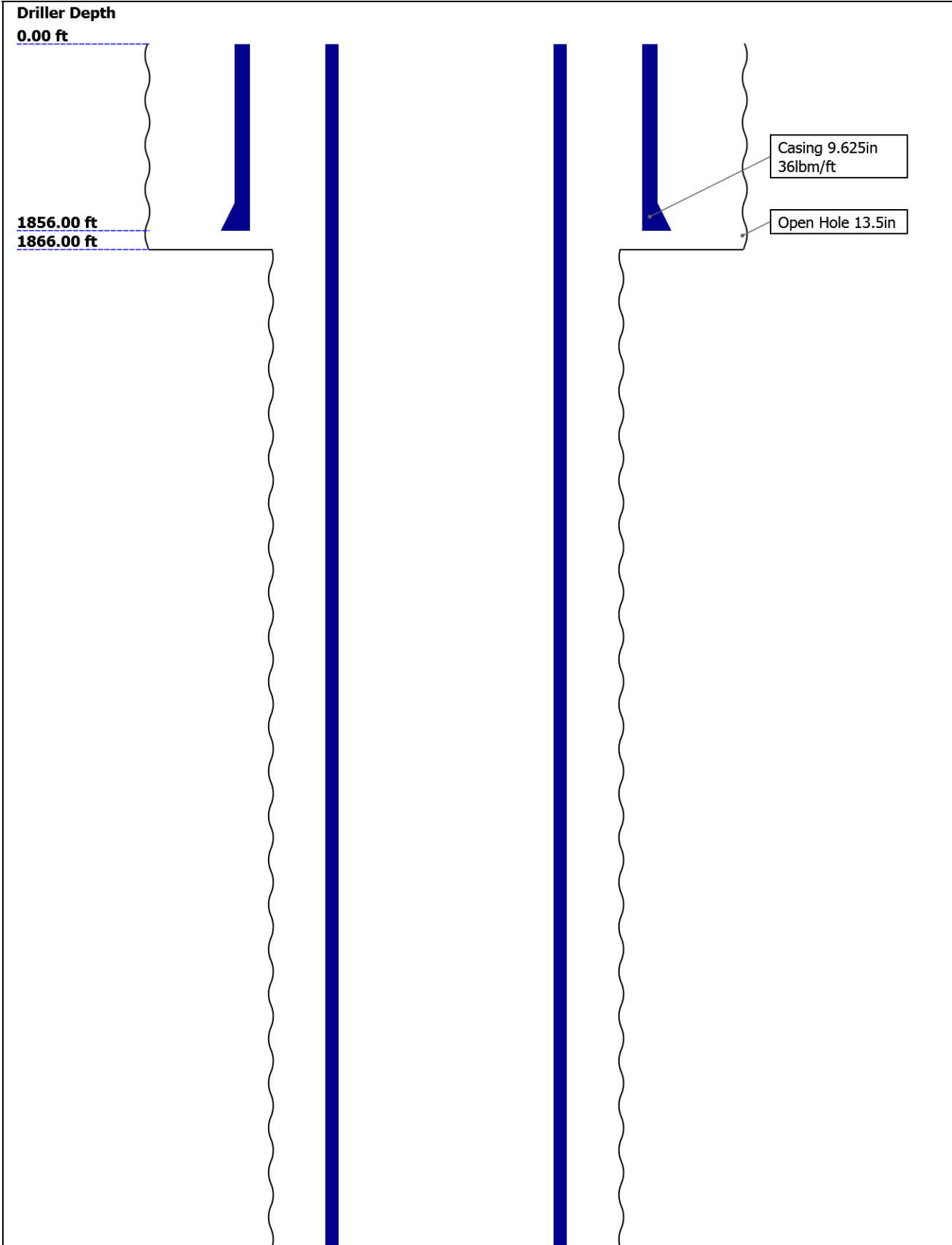
Disclaimer

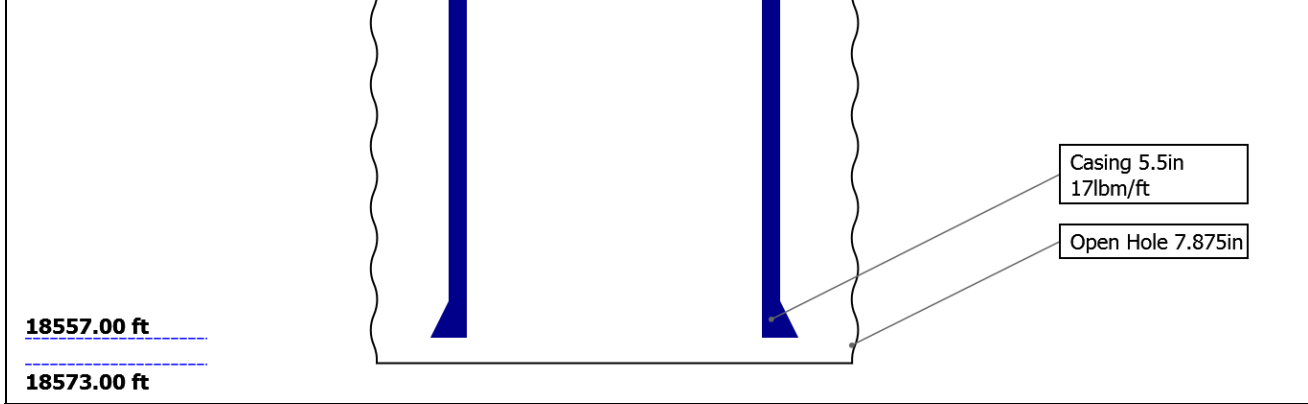
THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (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.

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Well Sketch





Borehole Size/Casing/Tubing Record

Bit						
Bit Size ( in )	13.5	7.875				
Top Driller ( ft )	0	1866				
Top Logger ( ft )	0	1866				
Bottom Driller ( ft )	1866	18573				
Bottom Logger ( ft )	1866	18573				
Casing						
Size ( in )	9.625	5.5				
Weight ( lbm/ft )	36	17				
Inner Diameter ( in )	8.921	4.892				
Grade	J55	P110				
Top Driller ( ft )	0	0				
Top Logger ( ft )	0	0				
Bottom Driller ( ft )	1856	18557				
Bottom Logger ( ft )	1856	18557				

Remarks and Equipment Summary

ONE: Toolstring			ONE: Remarks		
<div><div><div>Equip nameLength</div><div>LEH-QT:268.77</div><div>109</div><div>LEH-QT:2109</div><div>EDTC-B:965.29</div><div>274</div><div>EDTH-B:9309</div><div>EDTG-A:79445</div><div>EDTC-B:9274</div><div>EQF-4858.79</div></div><div><div>MP nameOffset</div><div>CTEM61.79</div><div>ACCZ0.00</div><div>HV0.00</div><div>Gamma59.92</div><div>Ray</div><div>TelStatu58.79</div><div>s</div></div></div>	Toolstring run as per tool sketch.				
	Cement: 12 ppg lead, 13.5 ppg tail.				
	Isolation scanner resolution 10 deg, 6 " for cement evaluation.				
	IBC CBL run at 0 PSI and 7500 PSI.				
	Log correlated to short joint top at 6509 ft.				

HGNS-H

HGNH

NPV-N

NSR-F:520

3

HACCZ-H:

5118

HMCA-H

HGNS-H

50.79

Temperature

GR

50.76

50.05

CNL Porosity

HMCA

HGNS

Accelerometer

43.71

41.38

41.38

0.00

DSLTH:8

286

ECH-KH:8

652

DSLCH:82

86

SLS-E:801

6

41.38

CBL 3ft

Upper-Near

VDL 5ft

Upper-Far

Delta-T

Lower-Far

Lower-Near

28.91

28.91

27.91

27.91

26.53

25.16

24.16

AH-184[2]

20.74

4880

20.74

AH-184[1]

18.74

5965

USIT-E:93

0

ECH-MFA:

1924

USAC-A:9

30

USIS-A:18

20

USSC-B:79

9

IBCS-A:77

4

FAR-SENS

OR:3415

IBC-TX

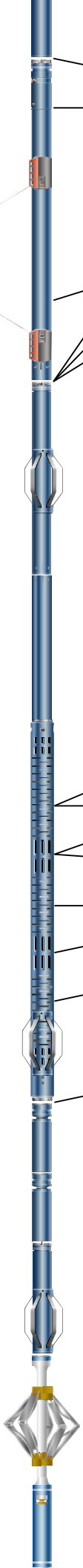
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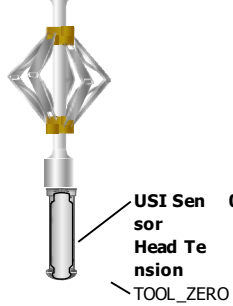
SOR:2088

IBC-TX

USI-SENS

16.74



<div>OR:2097 IBC-TX EMITTER- SENSOR:2 346 IBC-TX</div> <div><p>Lengths are in ft Maximum Outer Diameter = 6.250 in Line: Sensor Location, Value: Gating Offset All measurements are relative to TOOL_ZERO</p></div>			
Depth Summary			
	ONE		
Depth Measuring Device			
Type	IDW-B		
Serial Number			
Calibration Date			
Calibrator Serial Number			
Calibration Cable Type			
Wheel Correction 1	0		
Wheel Correction 2	0		
Tension Device			
Type	CMTD-B/A		
Serial Number			
Calibration Date			
Calibrator Serial Number			
Number of Calibration Points	0		
Logging Cable			
Type	7-39AI-XXS		
Serial Number			
Length	24000.00 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 procedures followed.  IDW used as primary depth reference.  Z-Chart used as secondary depth reference.	
Rig Up Length At Surface			
Rig Up Length At Bottom			
Rig Up Length Correction			
Stretch Correction			
Tool Zero Check At Surface			
ONE			
CBL 0 PSI			
Software Version			
Acquisition System		Version	
Maxwell 2018 SP1		8.1.99839.3100	

# Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
ONE	Log[1]:Up	Up	60.18 ft	6547.97 ft	22-Jun-2018 8:32:59 AM	22-Jun-2018 10:09:23 AM	ON	7.76 ft	No

All depths are referenced to toolstring zero

<b>Log</b>	Company:Anadarko Petroleum Corporation	Well:Verde 13-8HZ
		ONE: Log[1]:Up:S006

Description: CBL\_Dual\_Gate Format: Log ( CBL ) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 22-Jun-2018 13:51:04

Channel	Source	Sampling
TT	DSLT-H:SLS-E:SLS-E	6in
BIEP	DSLT-H:SLS-E:SLS-E	6in
CBL	DSLT-H:SLS-E:SLS-E	6in
GR	EDTC-B:EDTC-B:EDTC-B	6in
TENS	WLWorkflow	1in
TIME_1900	WLWorkflow	0.1in
TTSL	DSLT-H:SLS-E:SLS-E	6in

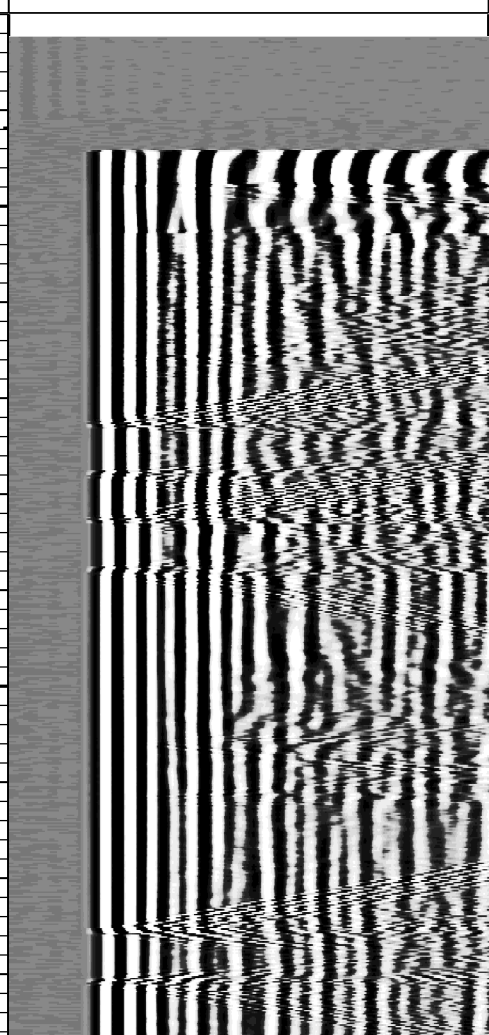
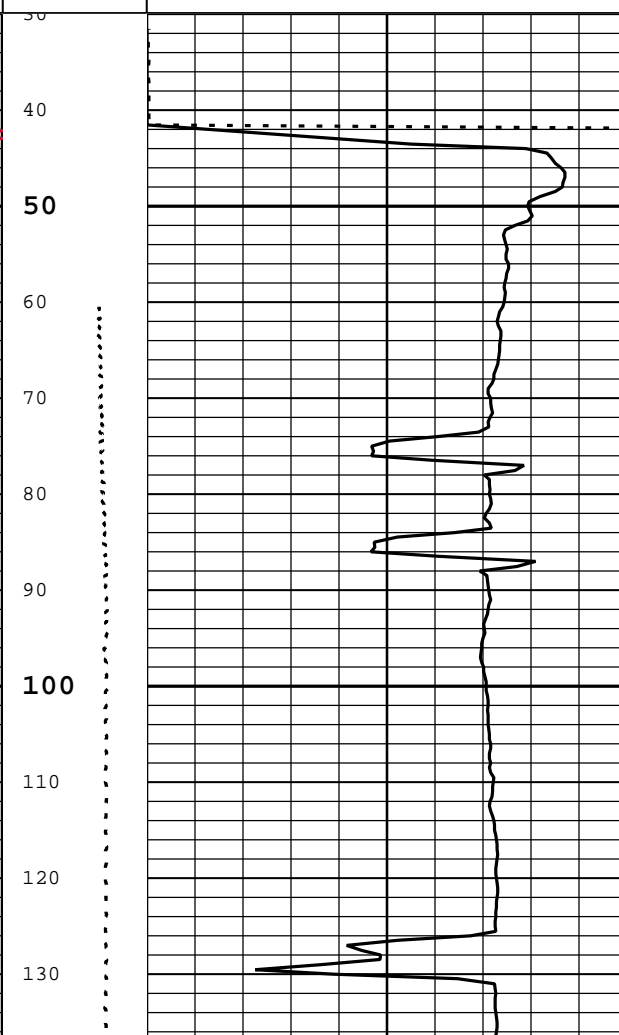
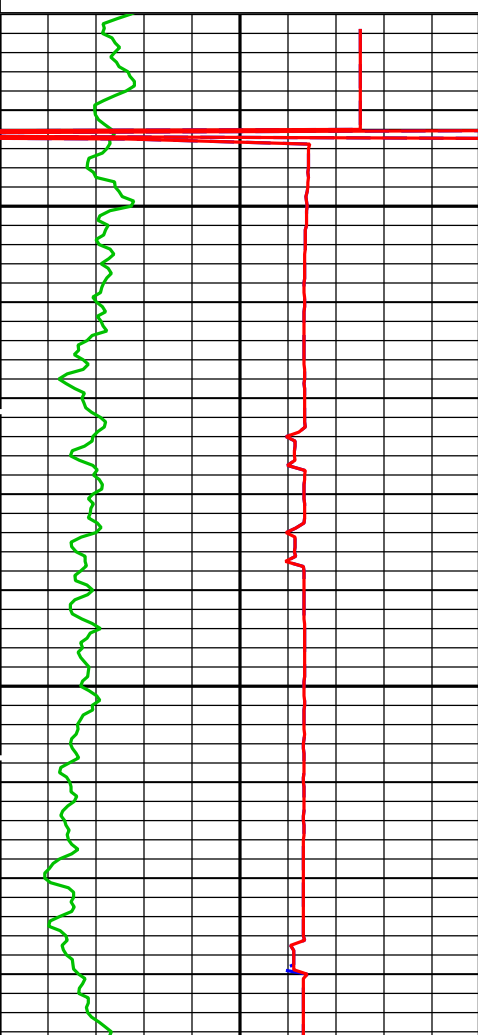
— BIEP - Bond Index Event Pips DSLT-H

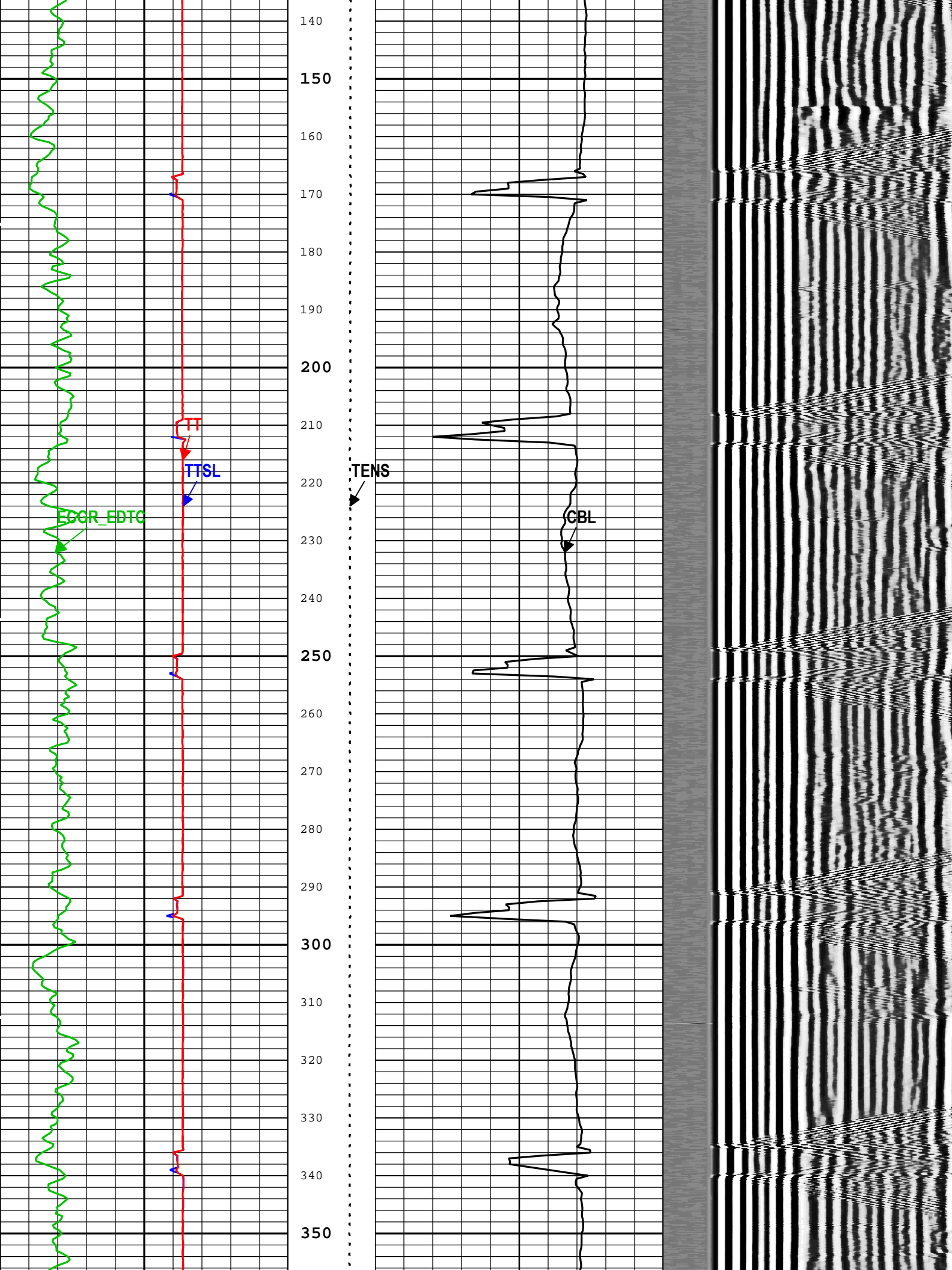
TIME\_1900 - Time Marked every 60.00 (s)

Gamma Ray (ECGR_EDTC) EDTC-B		
0	gAPI	200
Transit Time (Sliding Gate) (TTSL) DSLT-H		
400	us	200
Transit Time for CBL (TT) DSLT-H		
400	us	200

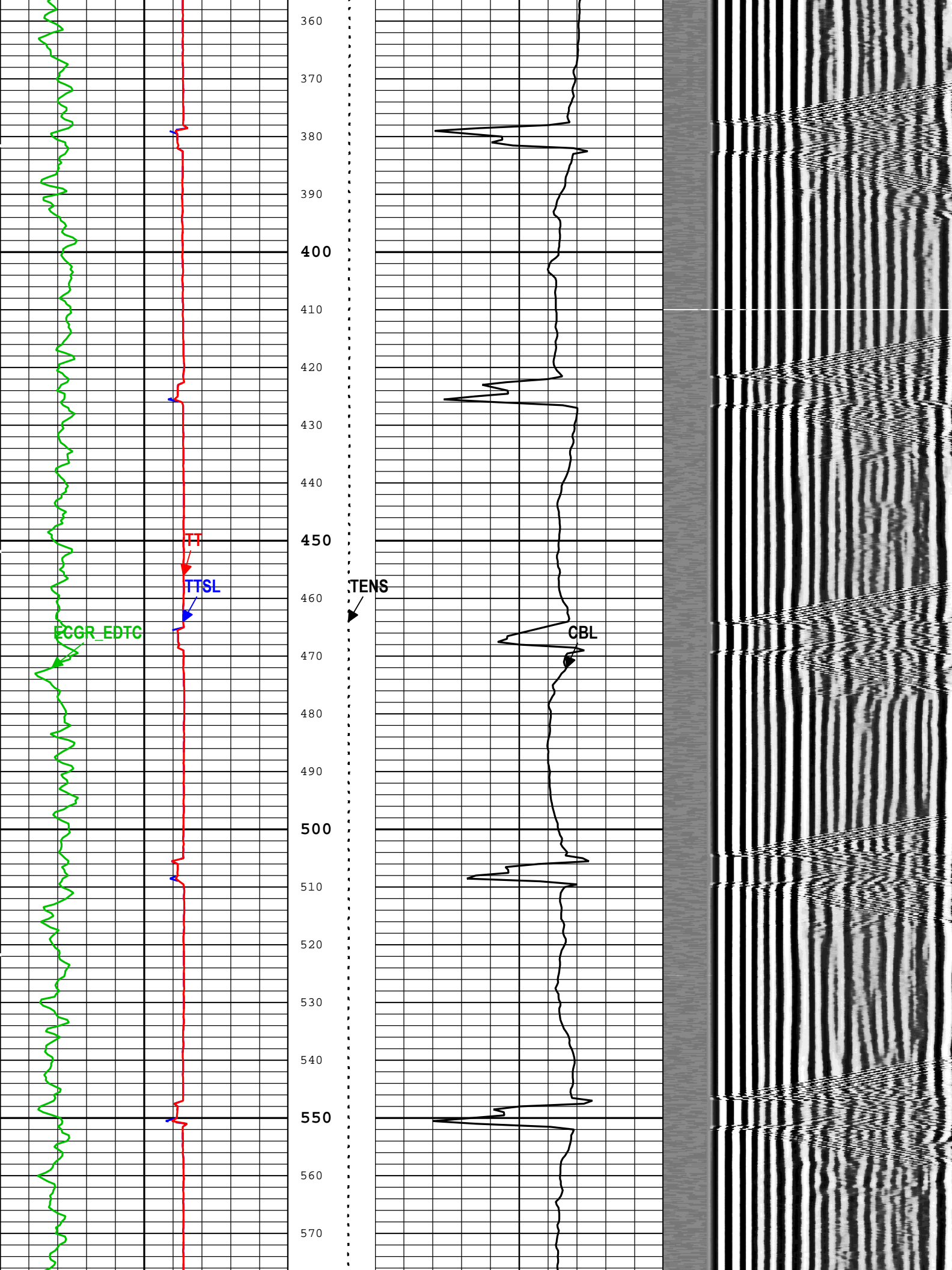
Cable Tension (TENS)	CBL Amplitude (CBL) DSLT-H	
	0	10
	mV	
4000 lbf	CBL Amplitude (CBL) DSLT-H	
	0	100
	mV	

Min	Amplitude	Max
Variable Density Log (VDL) DSLT-H		
200	us	1200

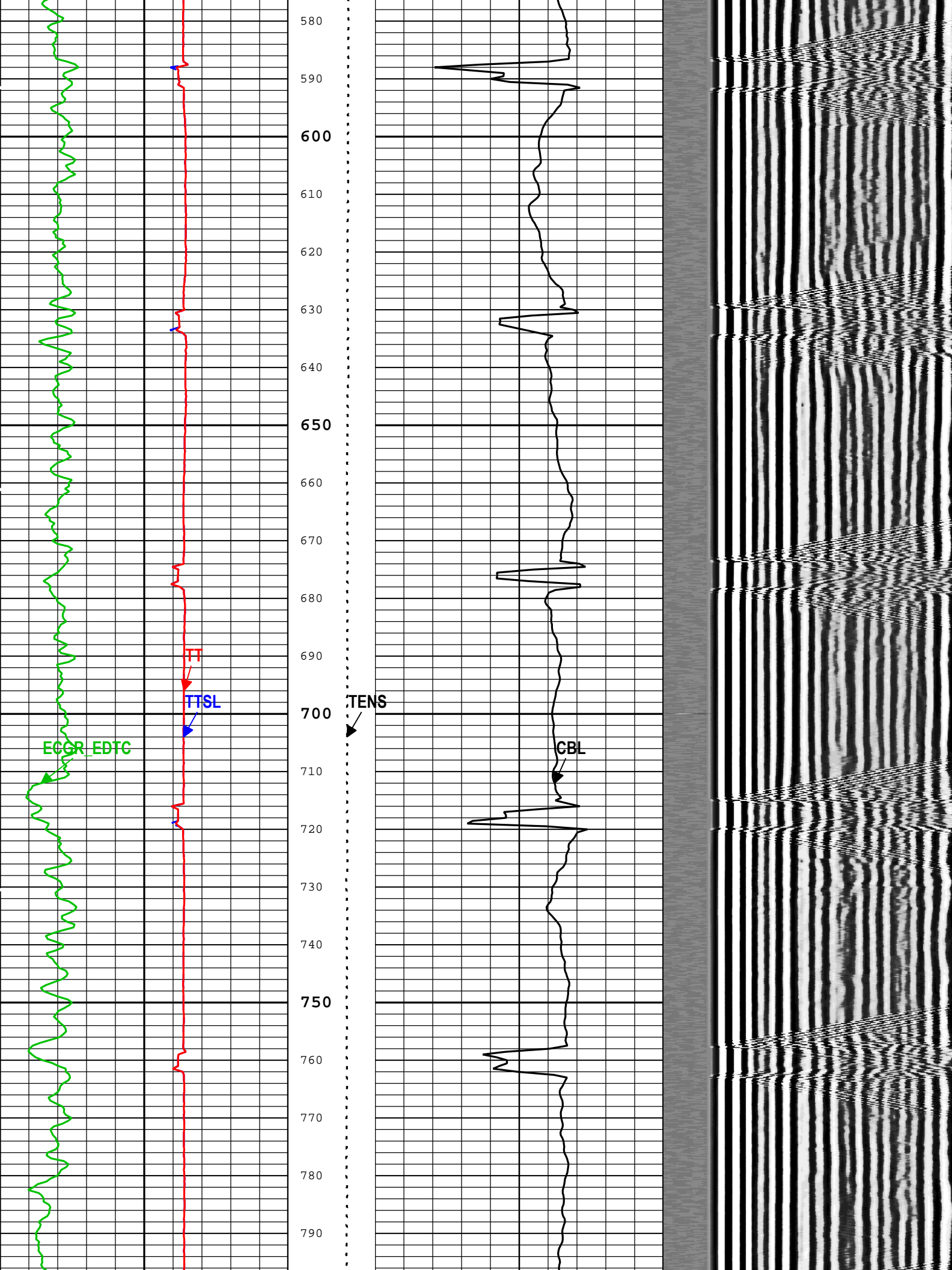


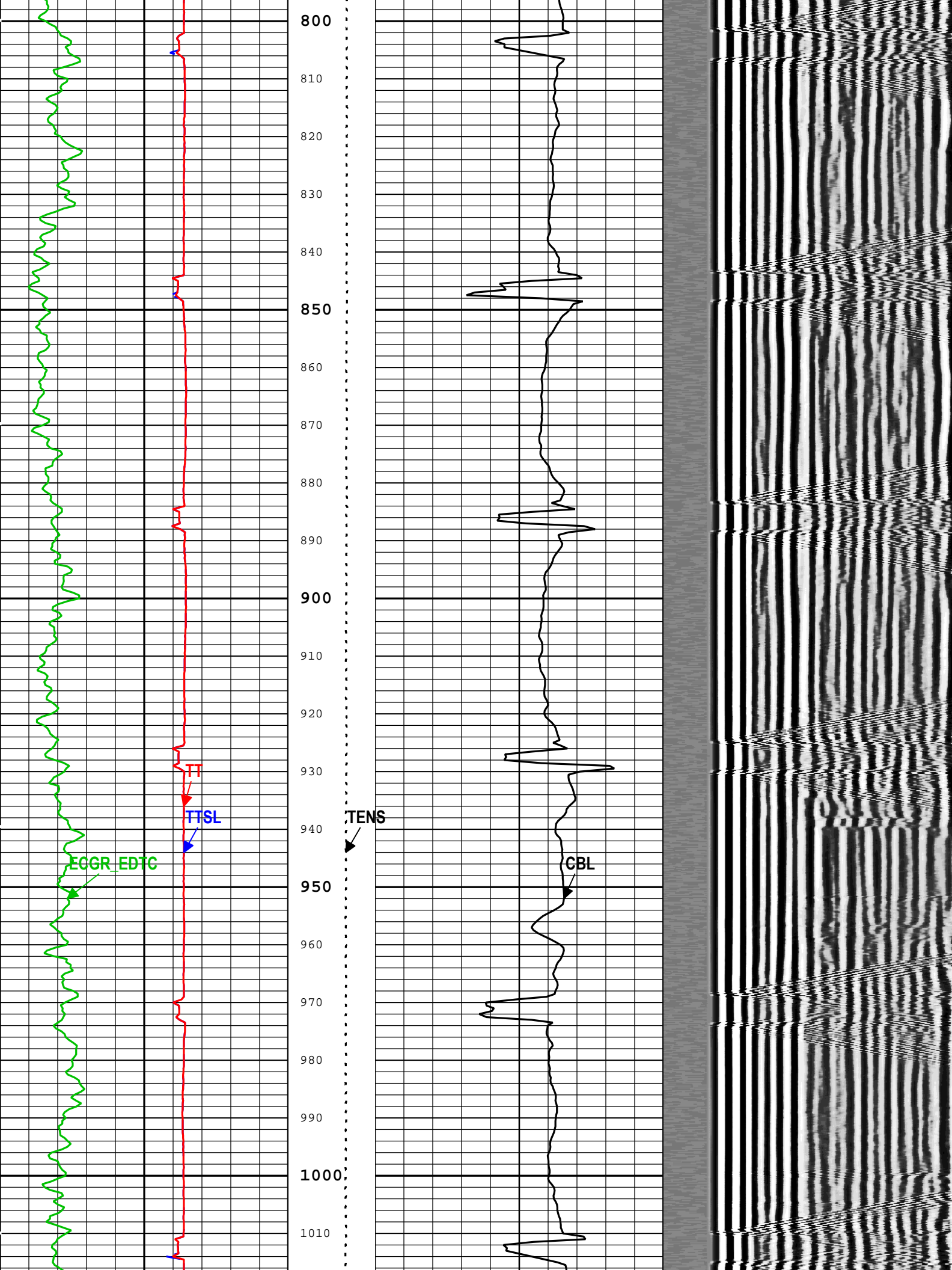


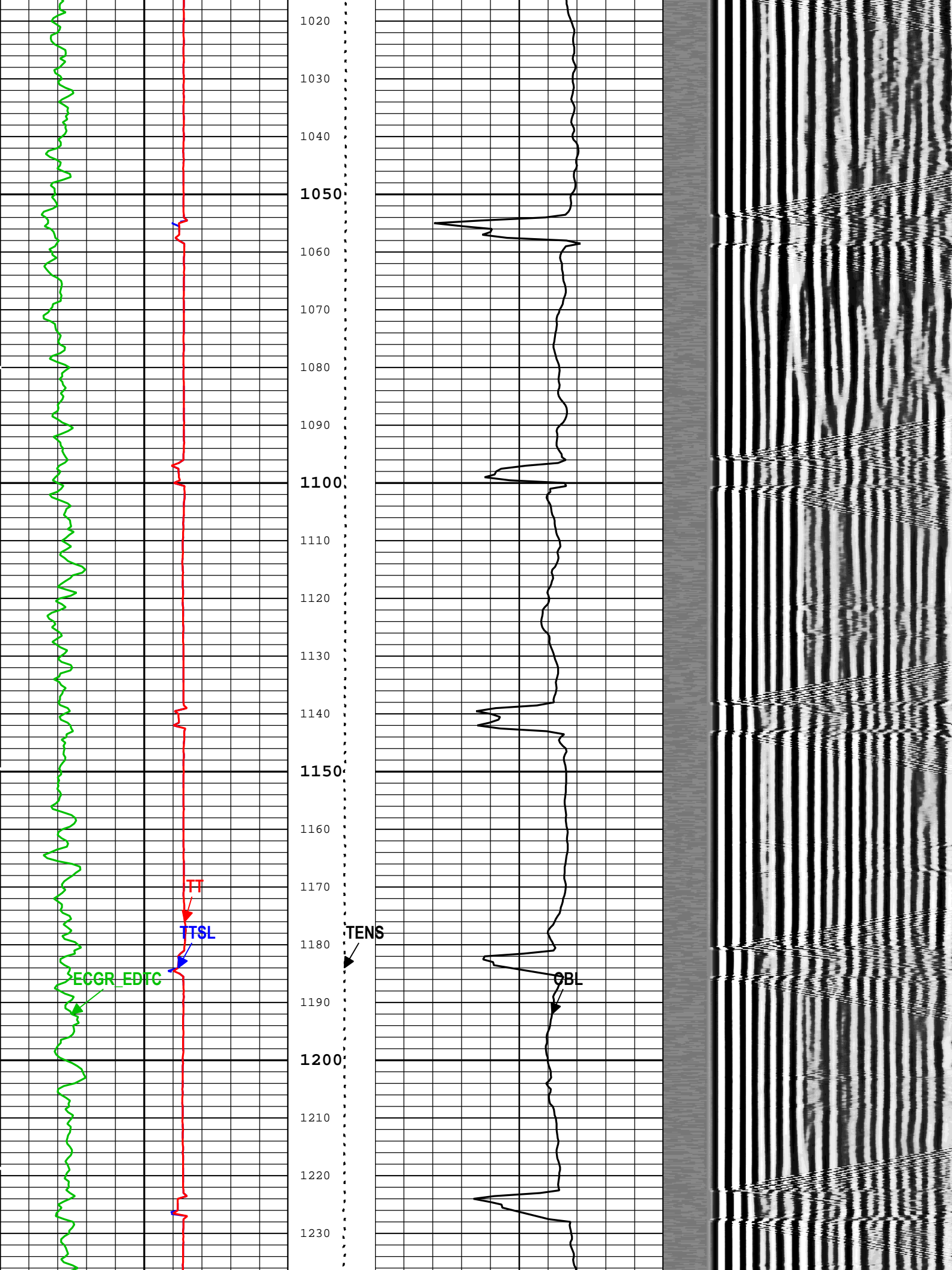




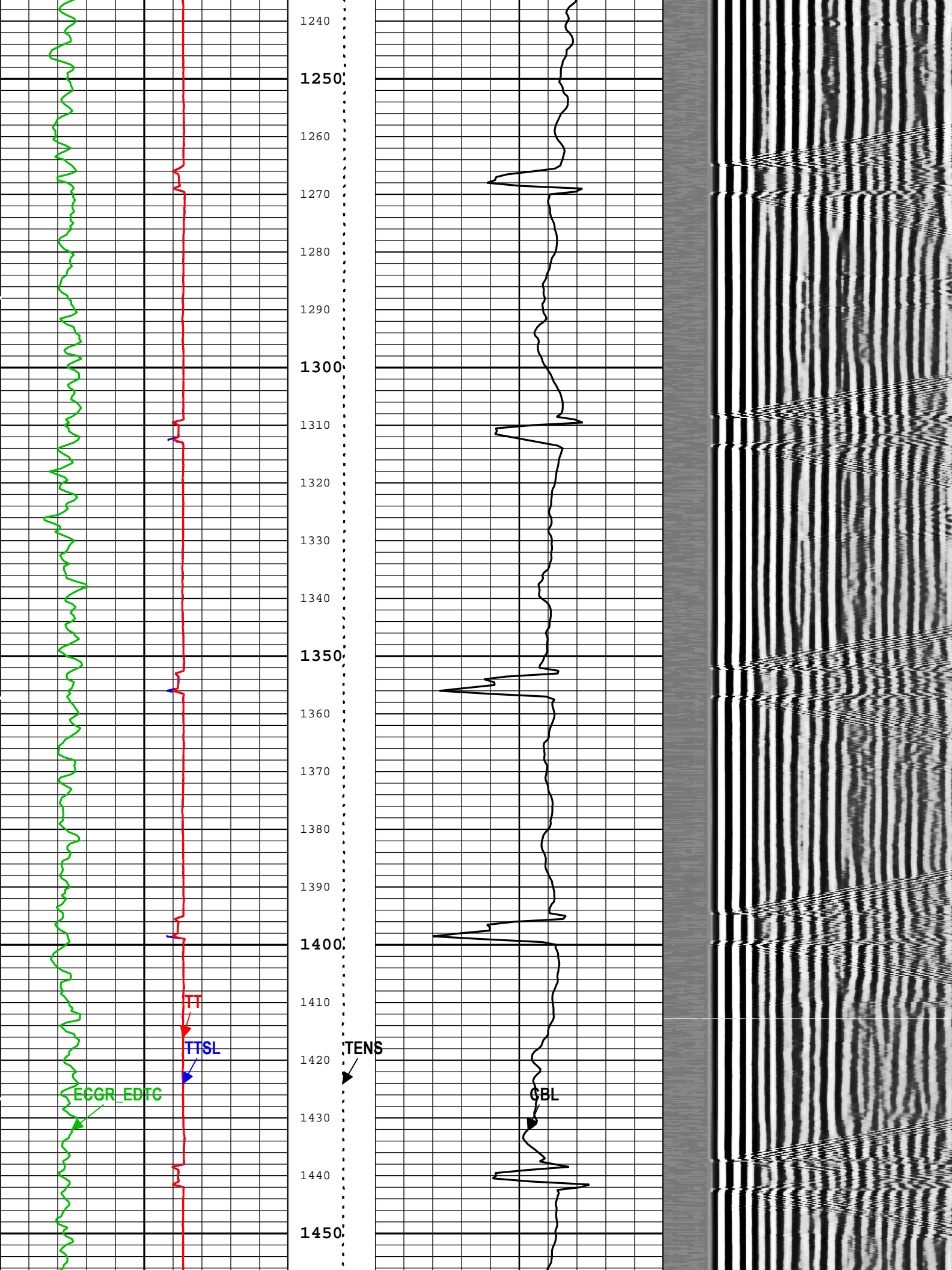


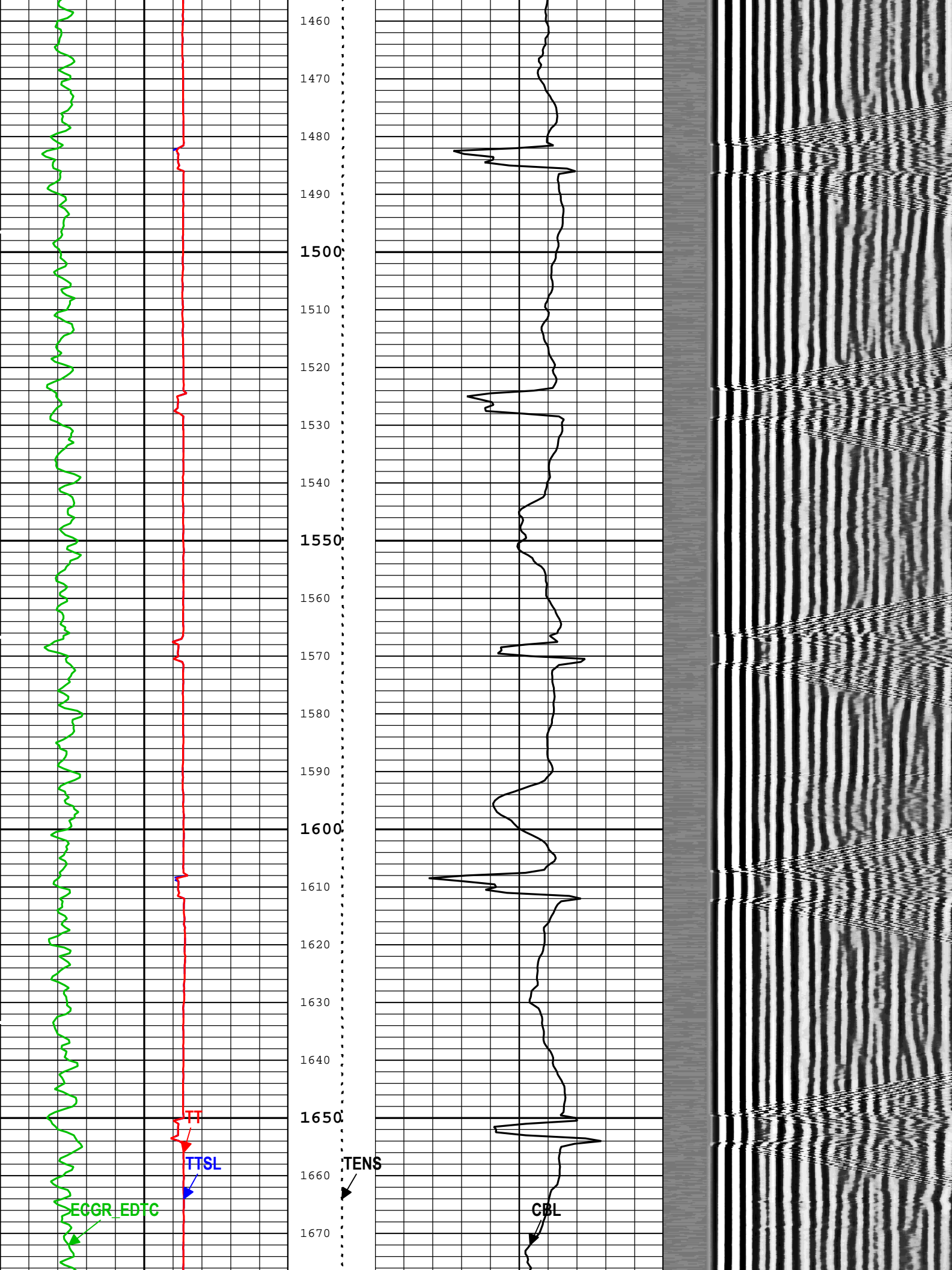


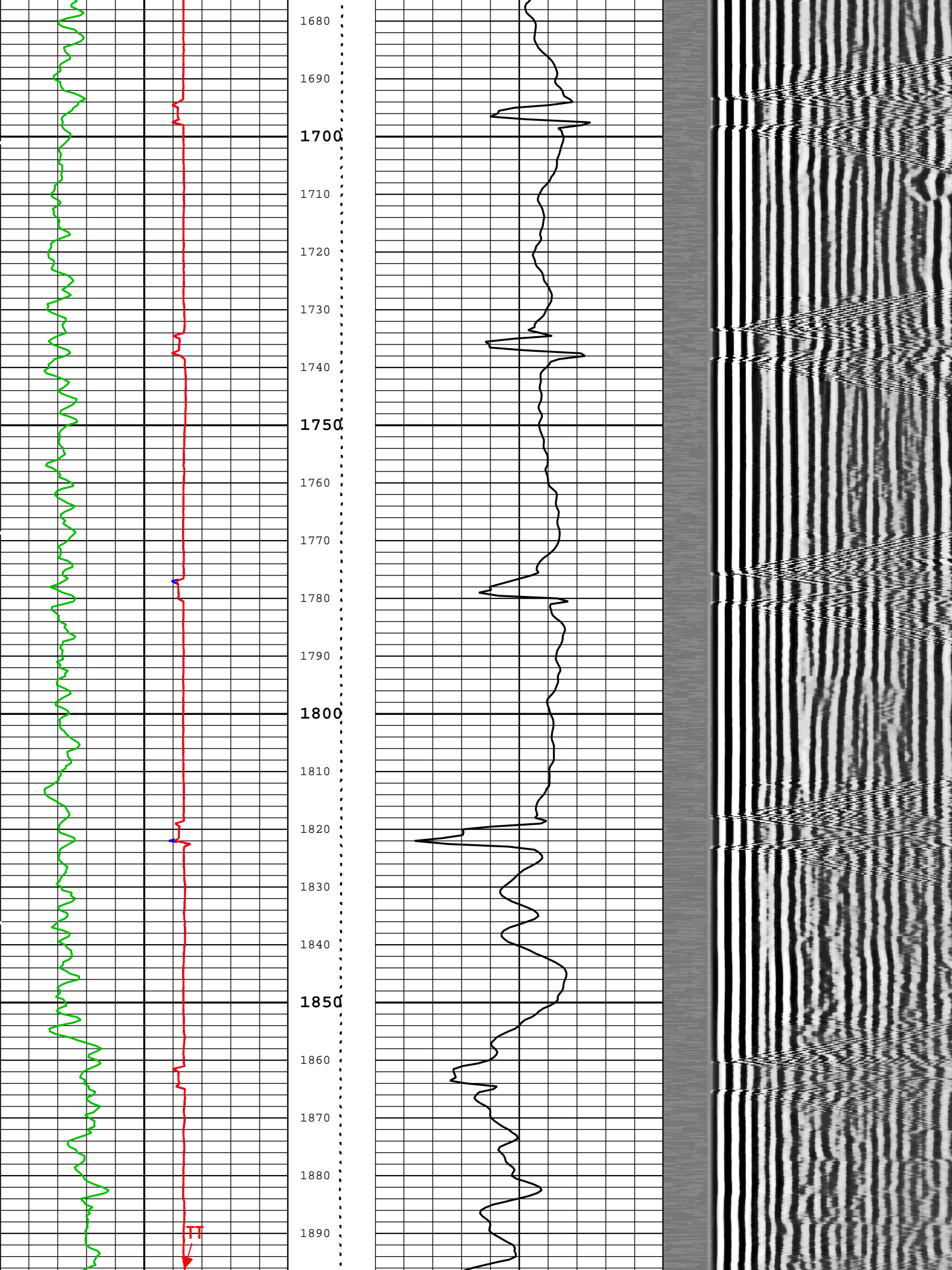




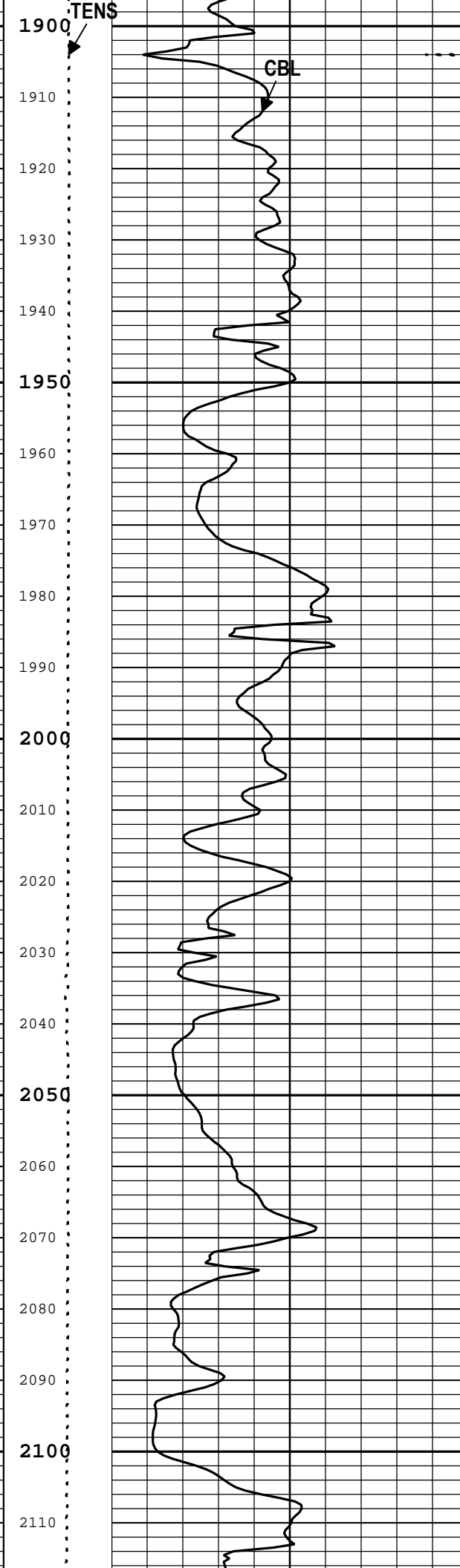




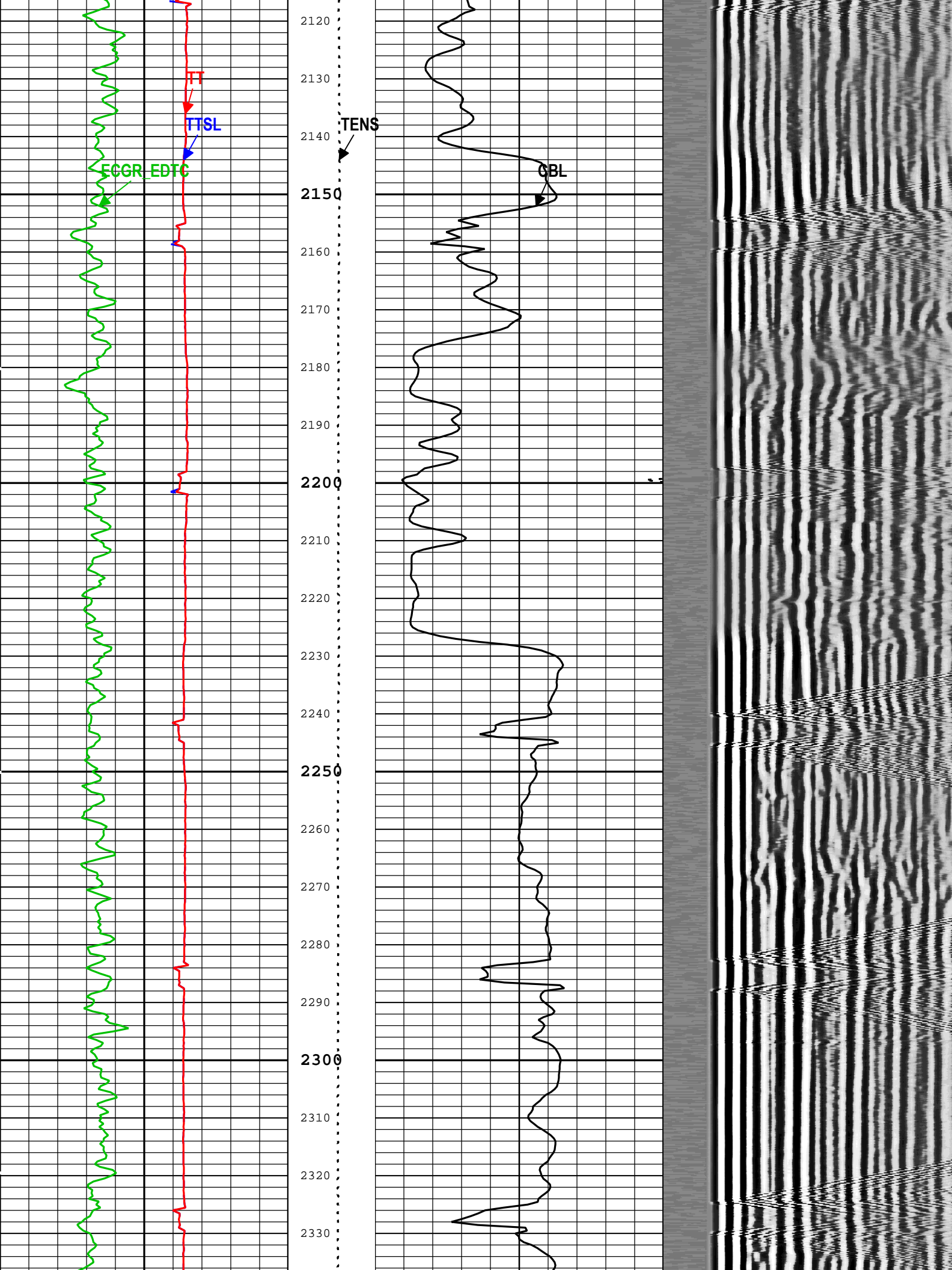


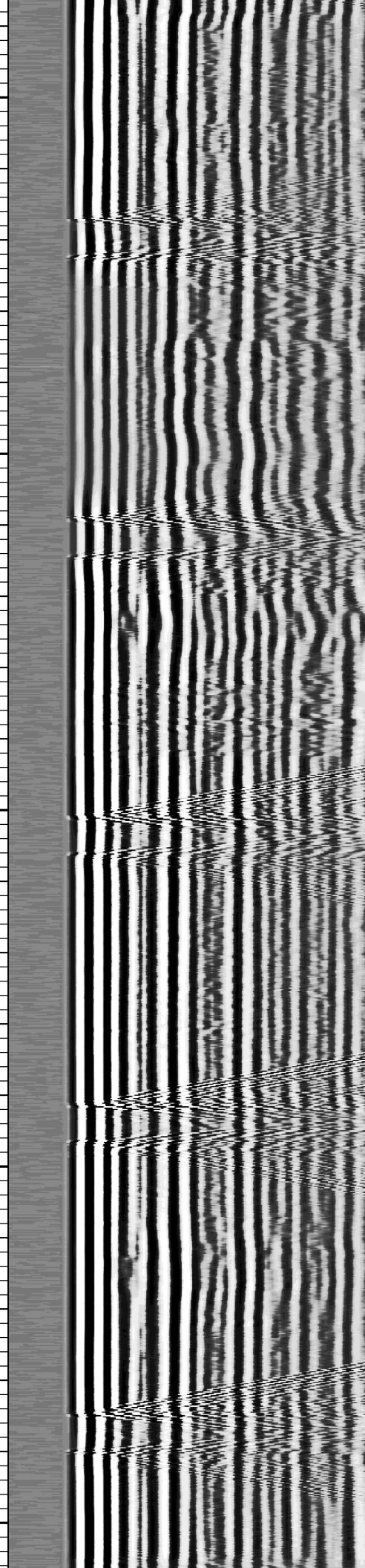
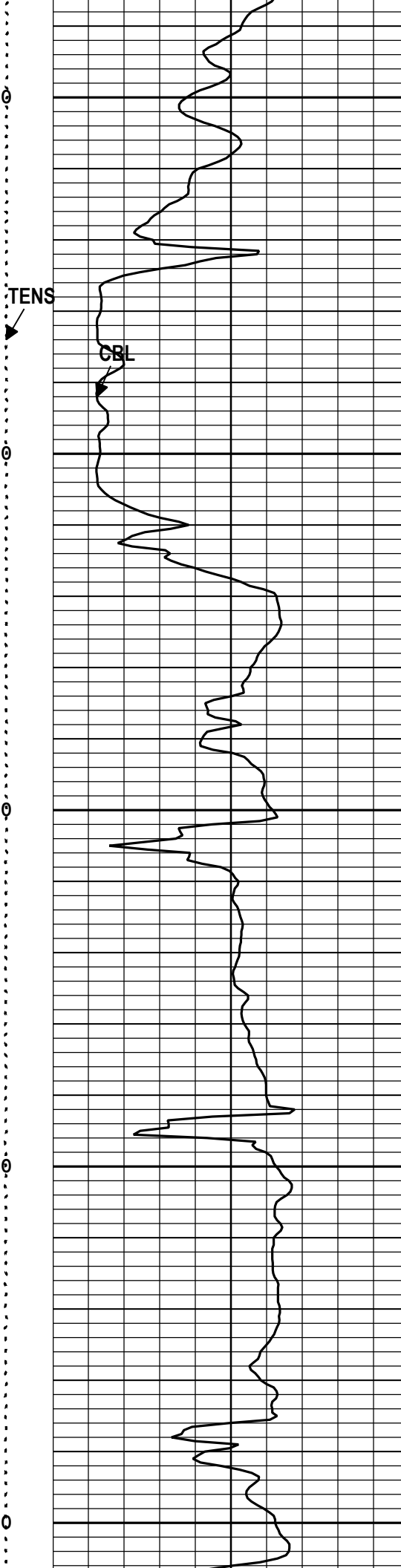
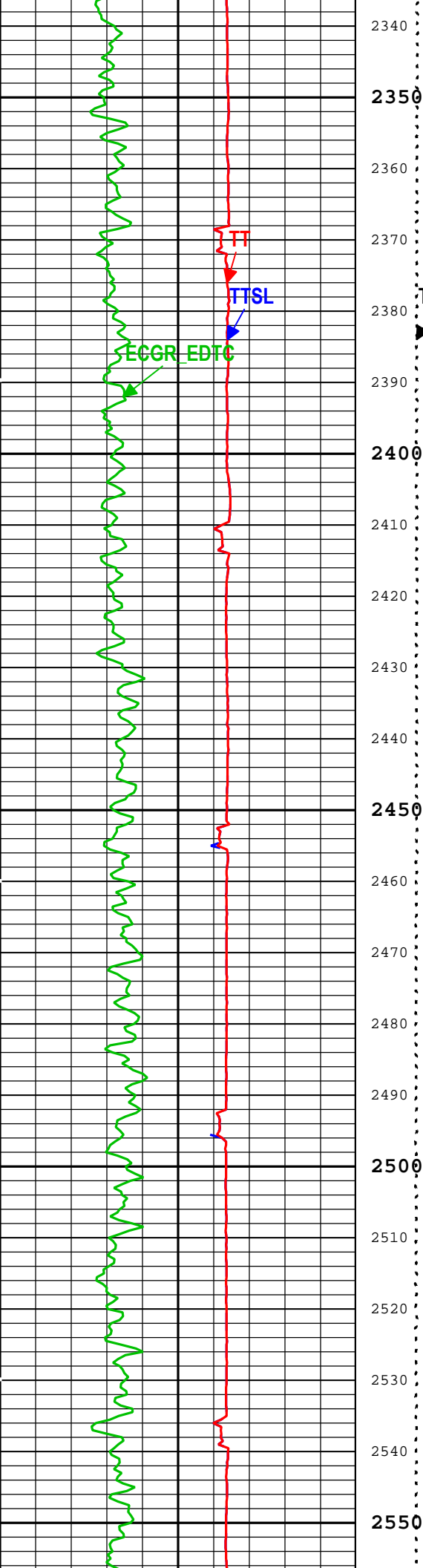


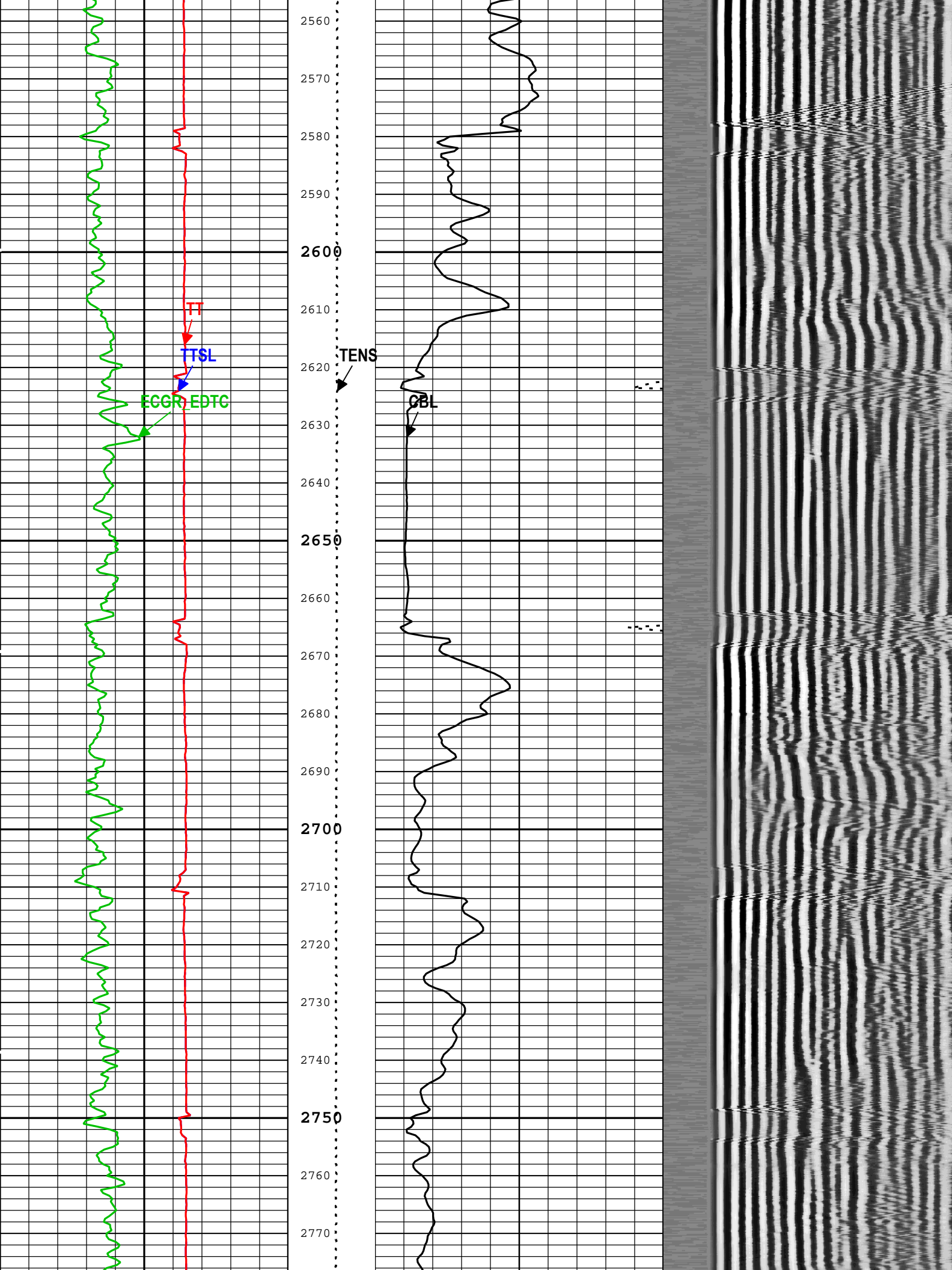




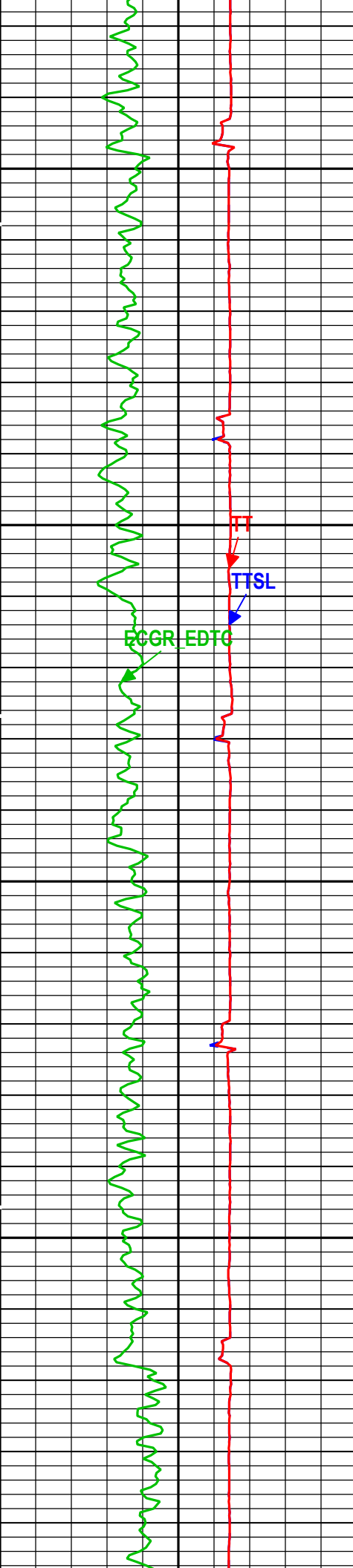




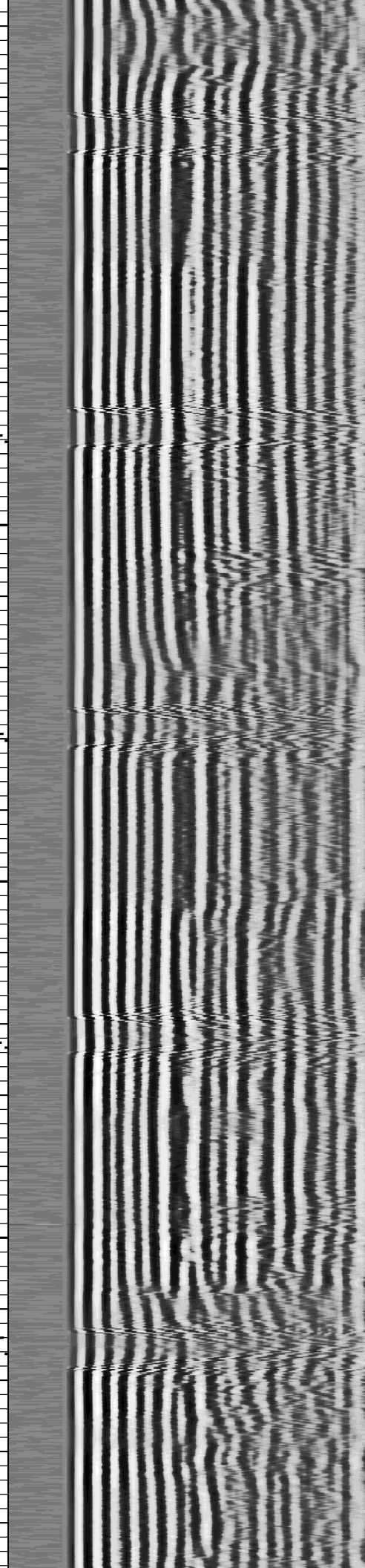
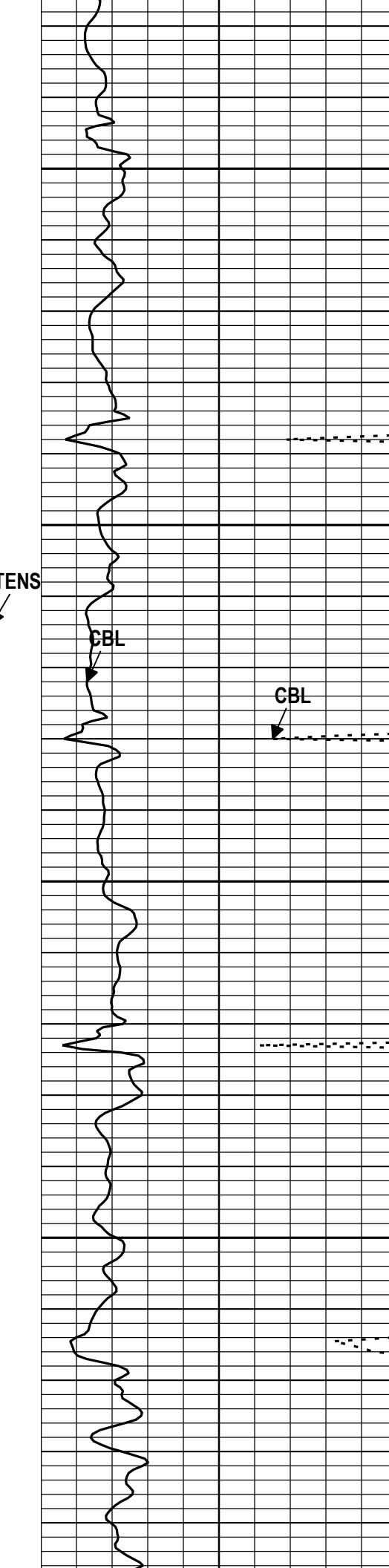


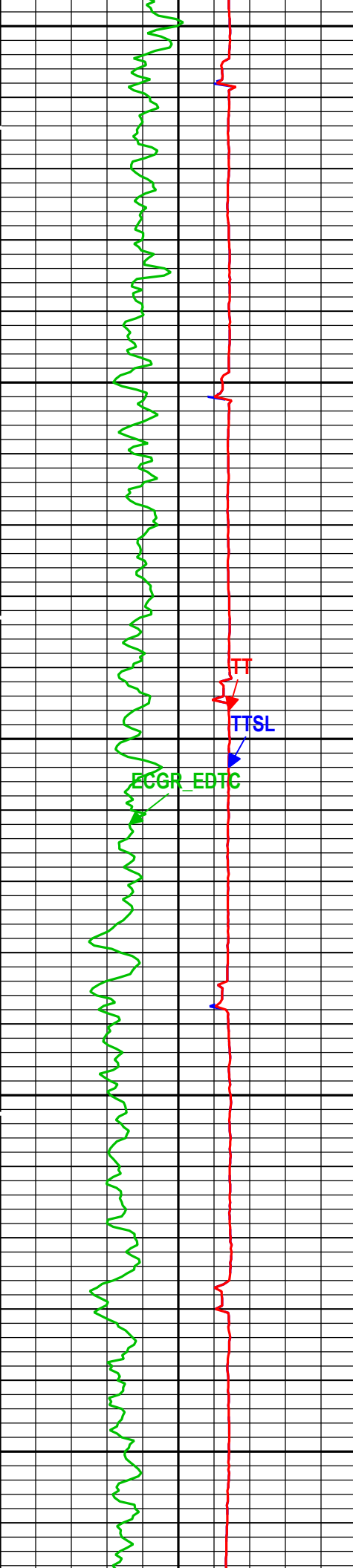






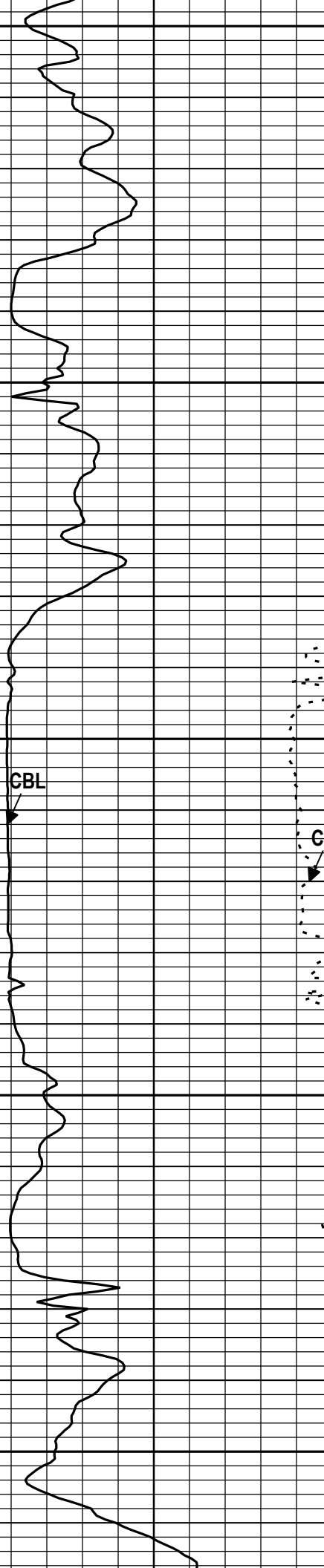
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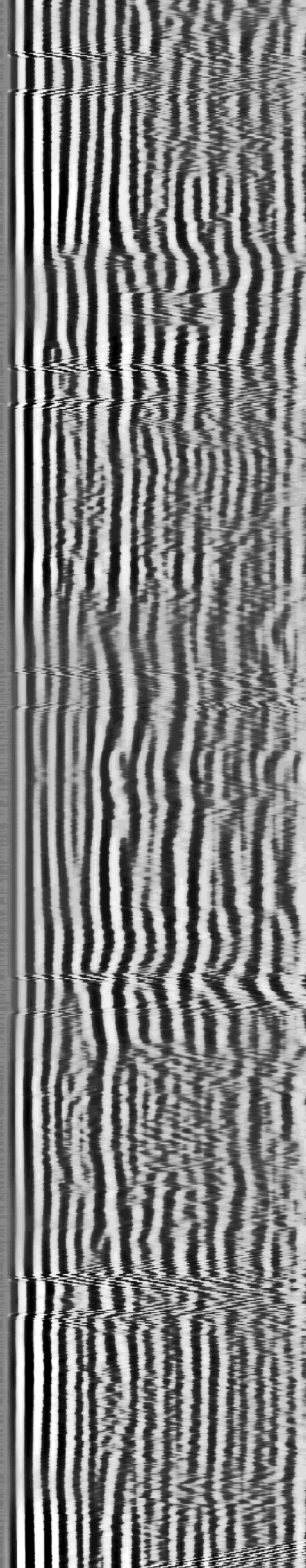


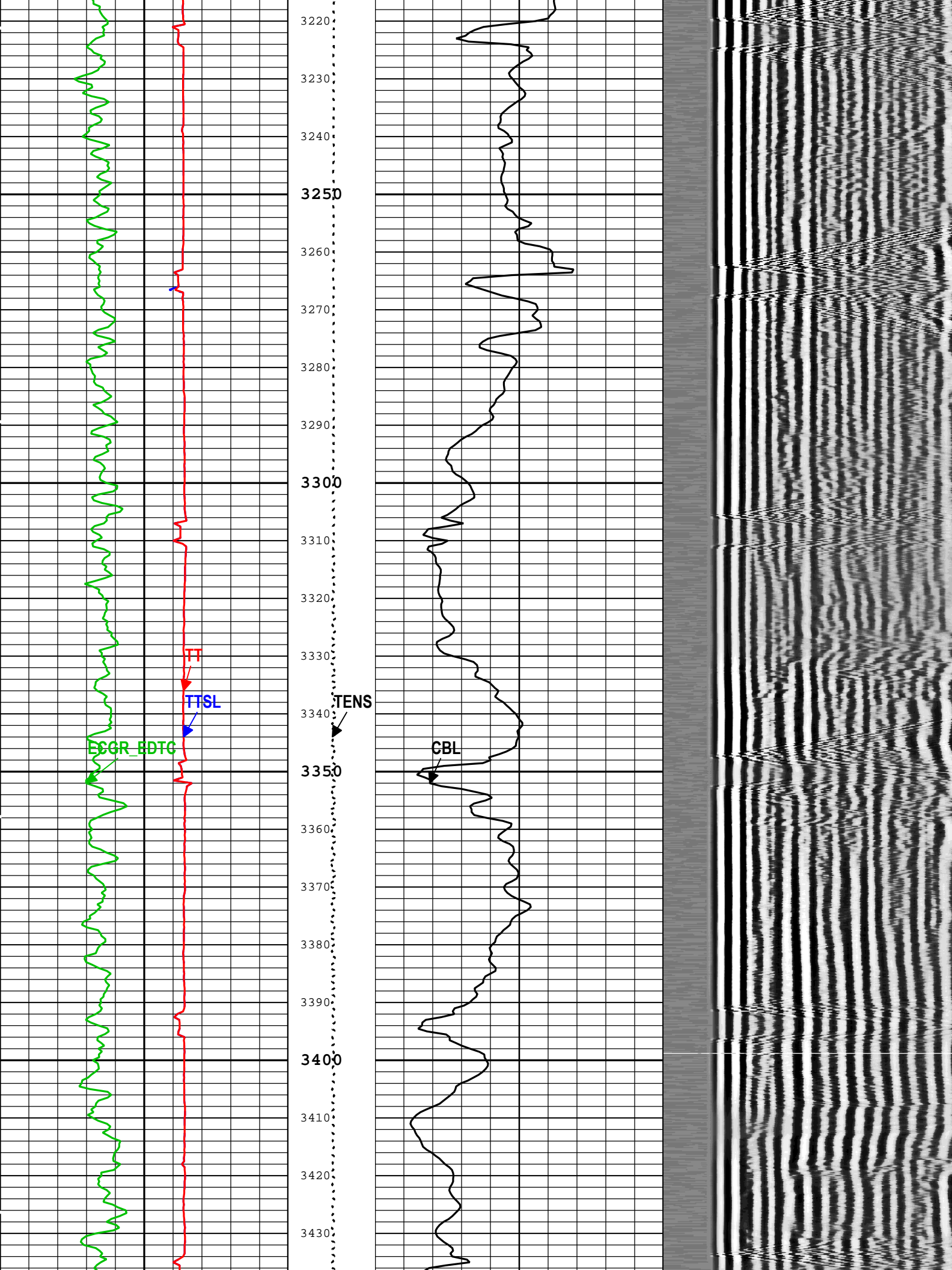
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3190  
3200  
3210

TENS

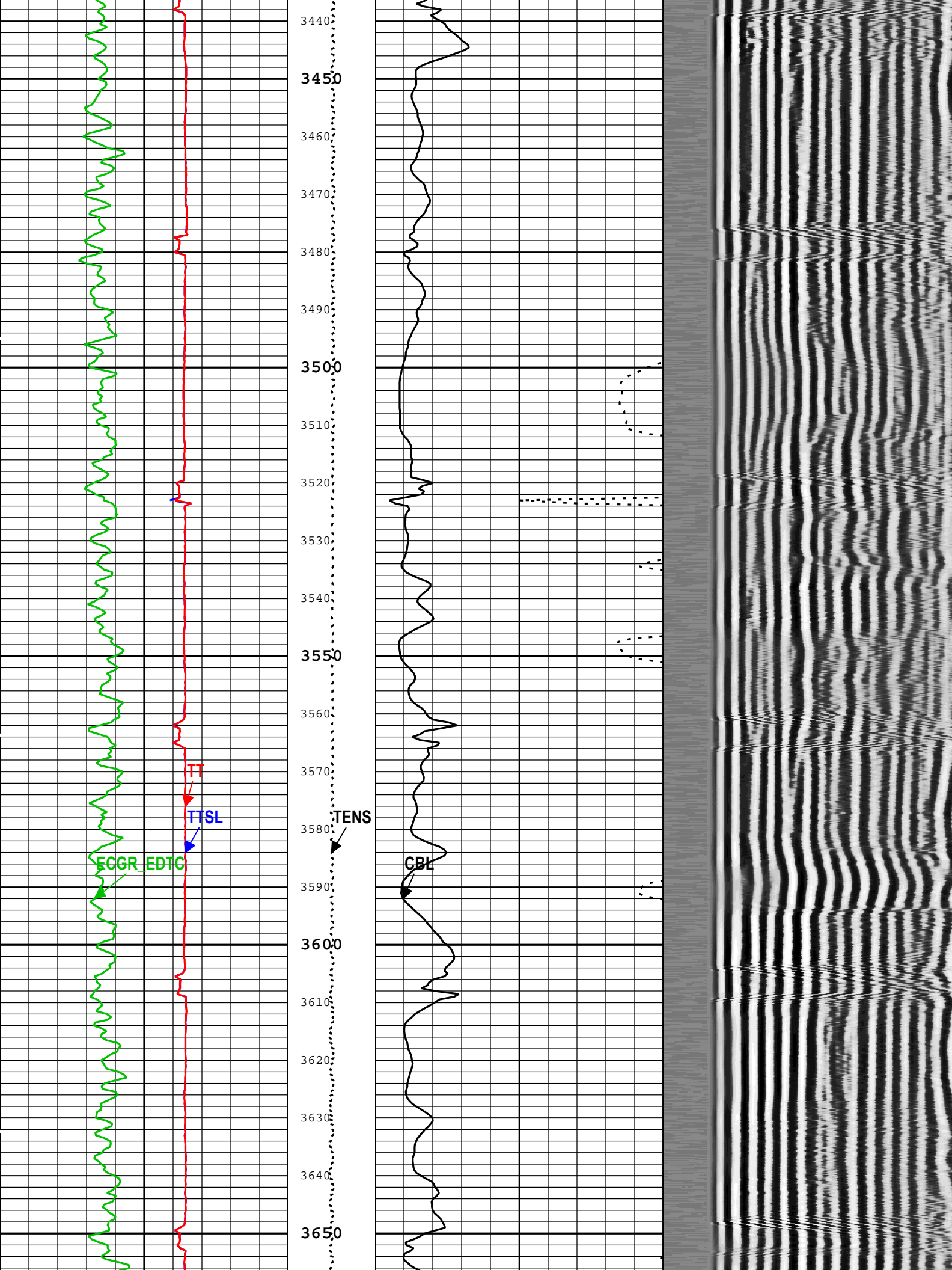


CBL

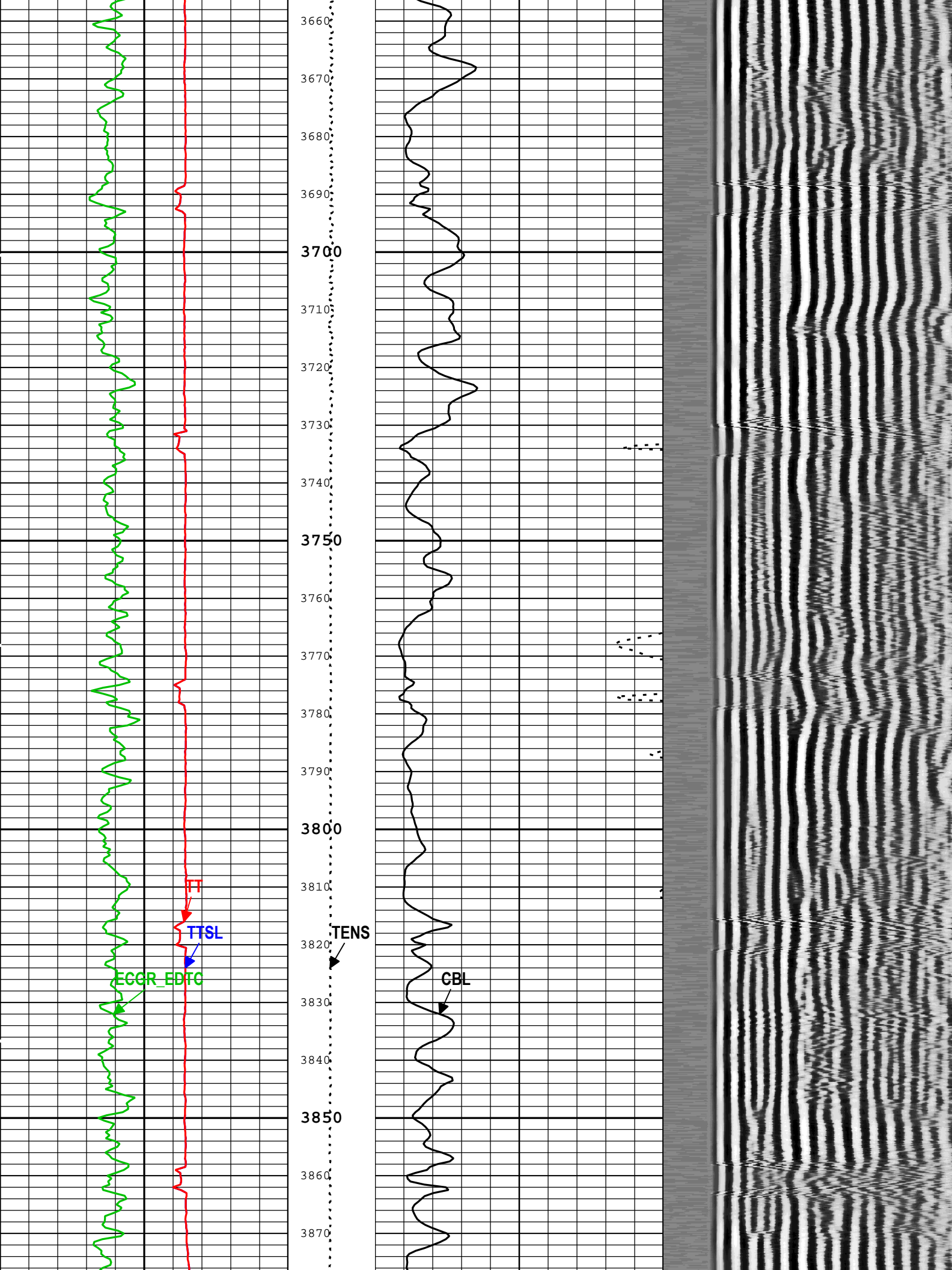


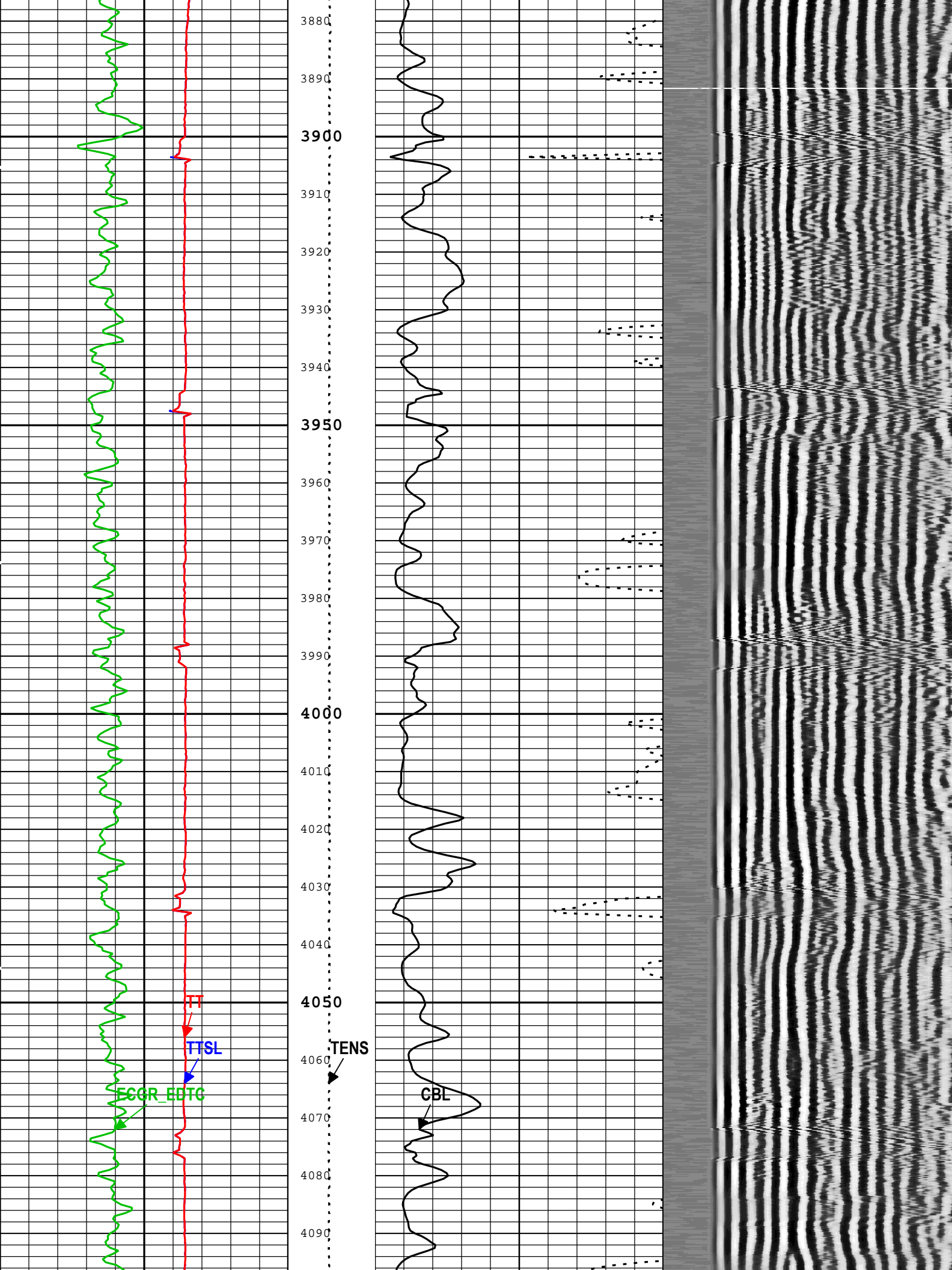


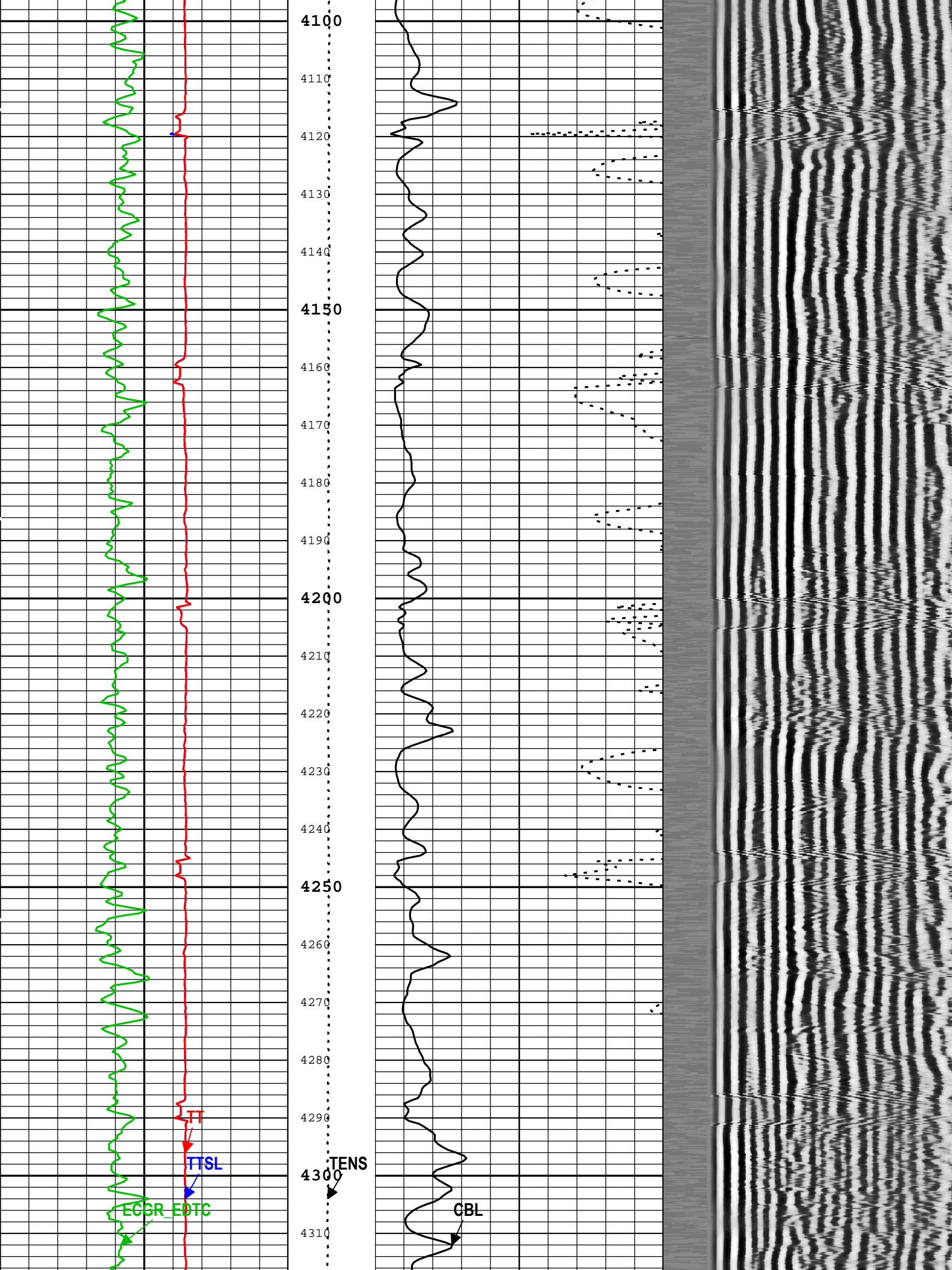




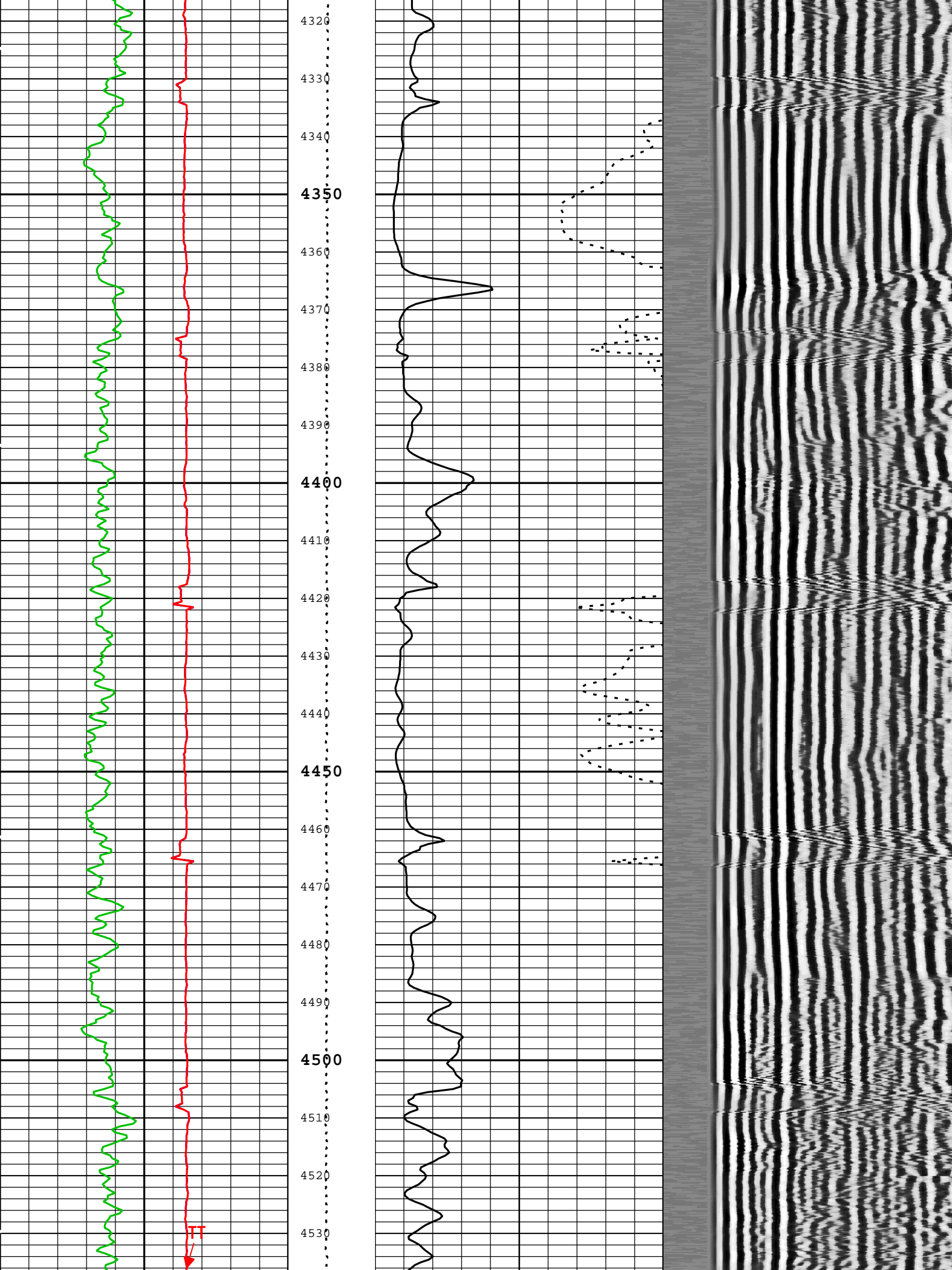


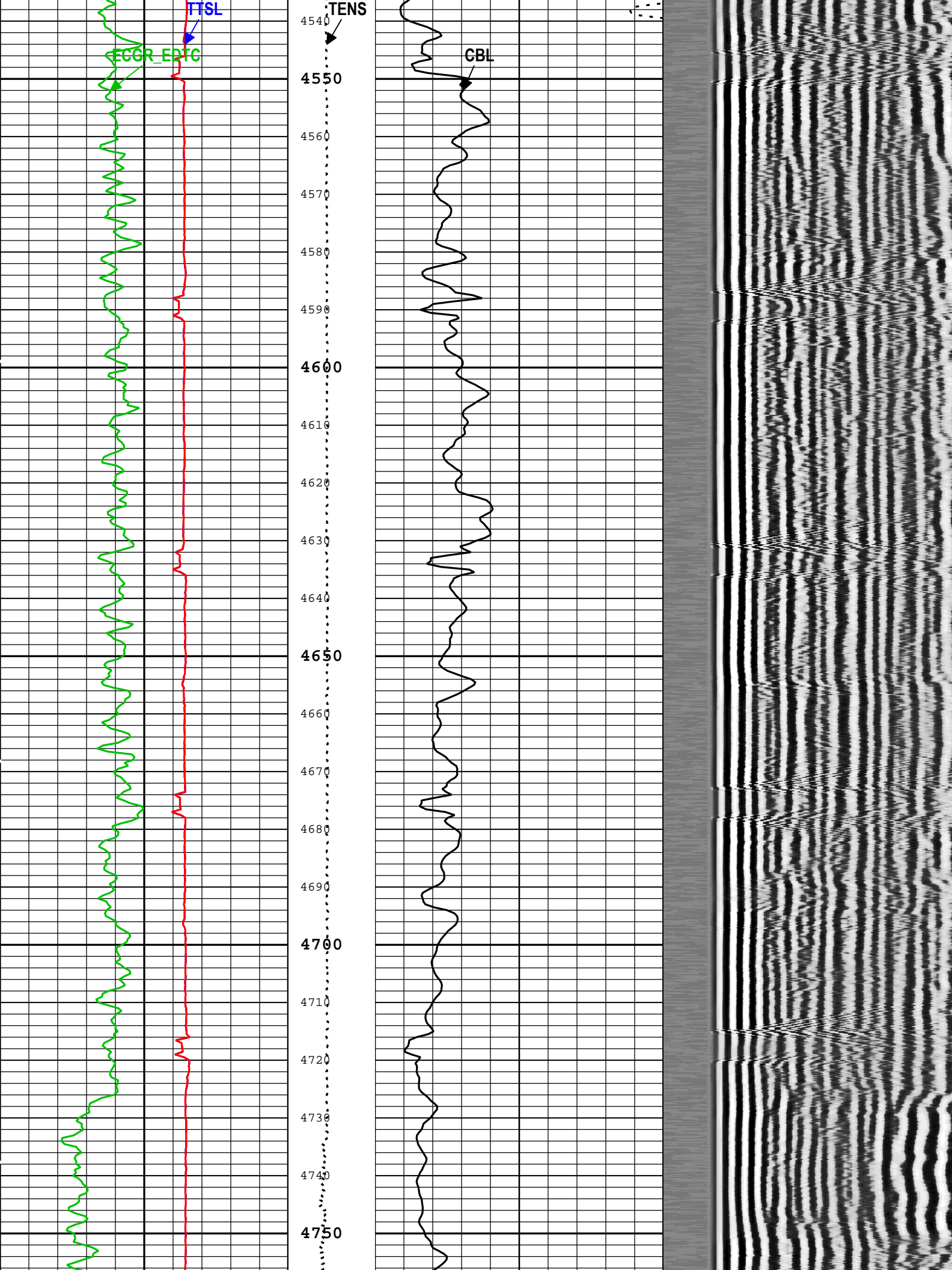


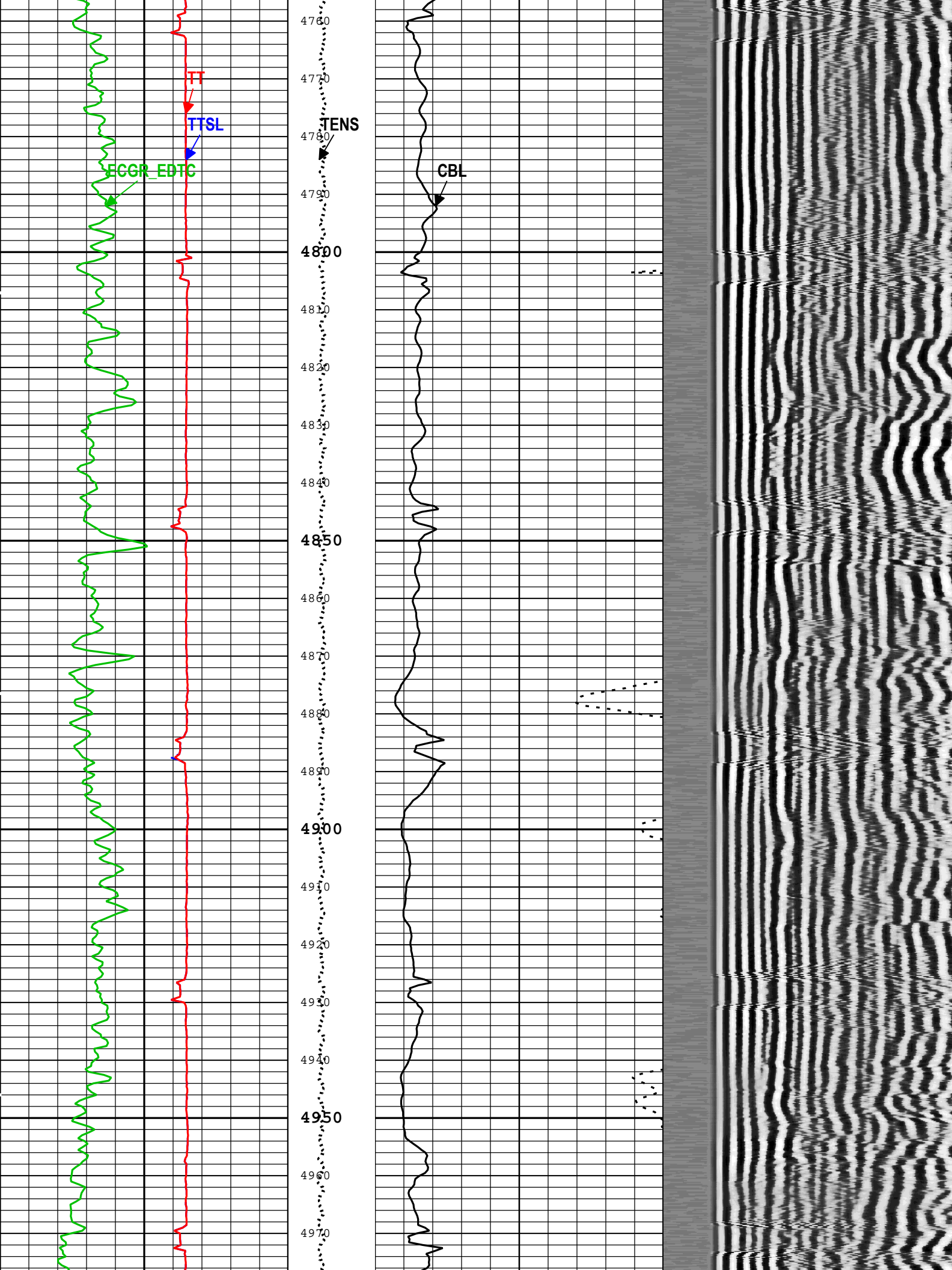




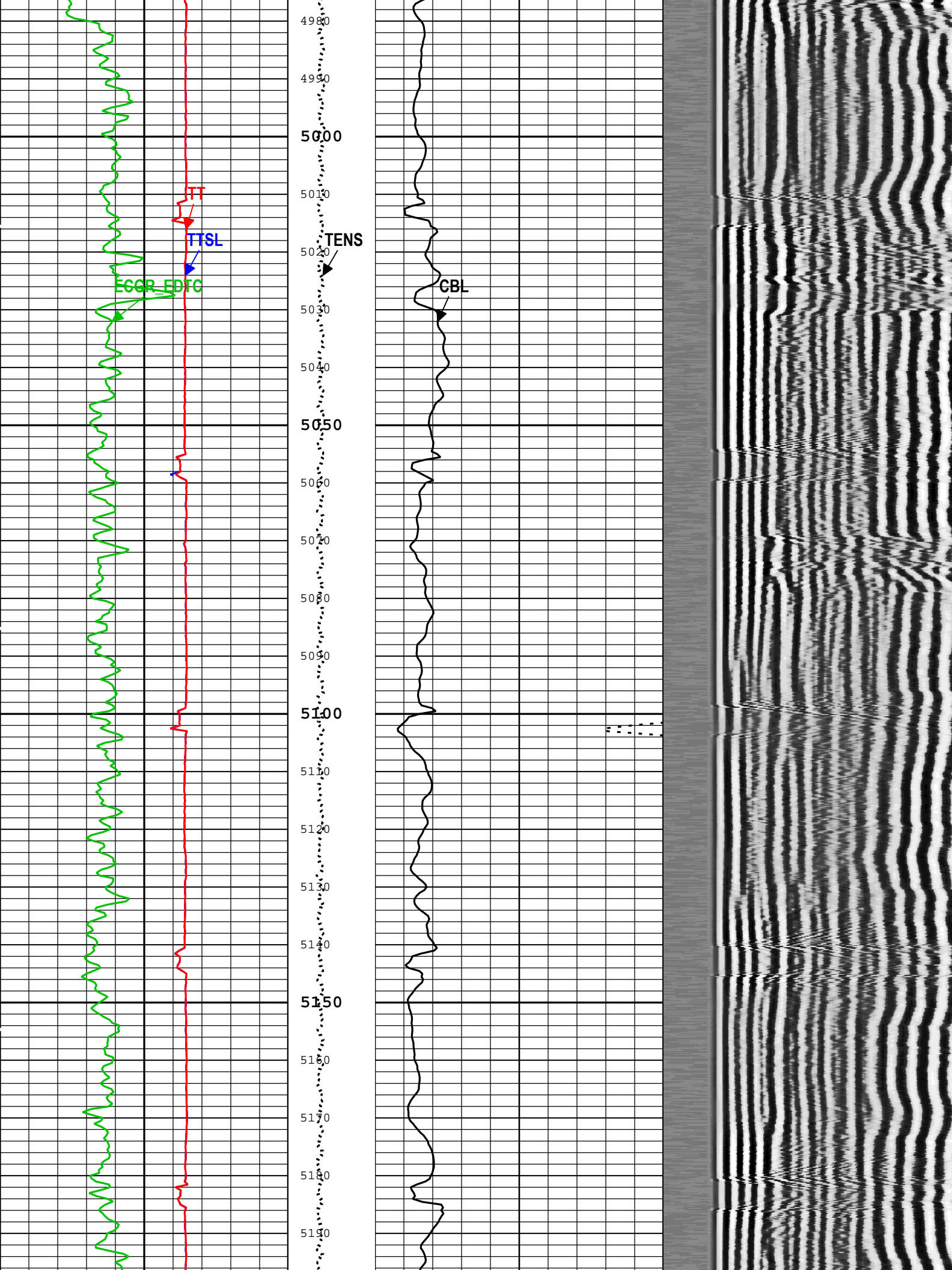




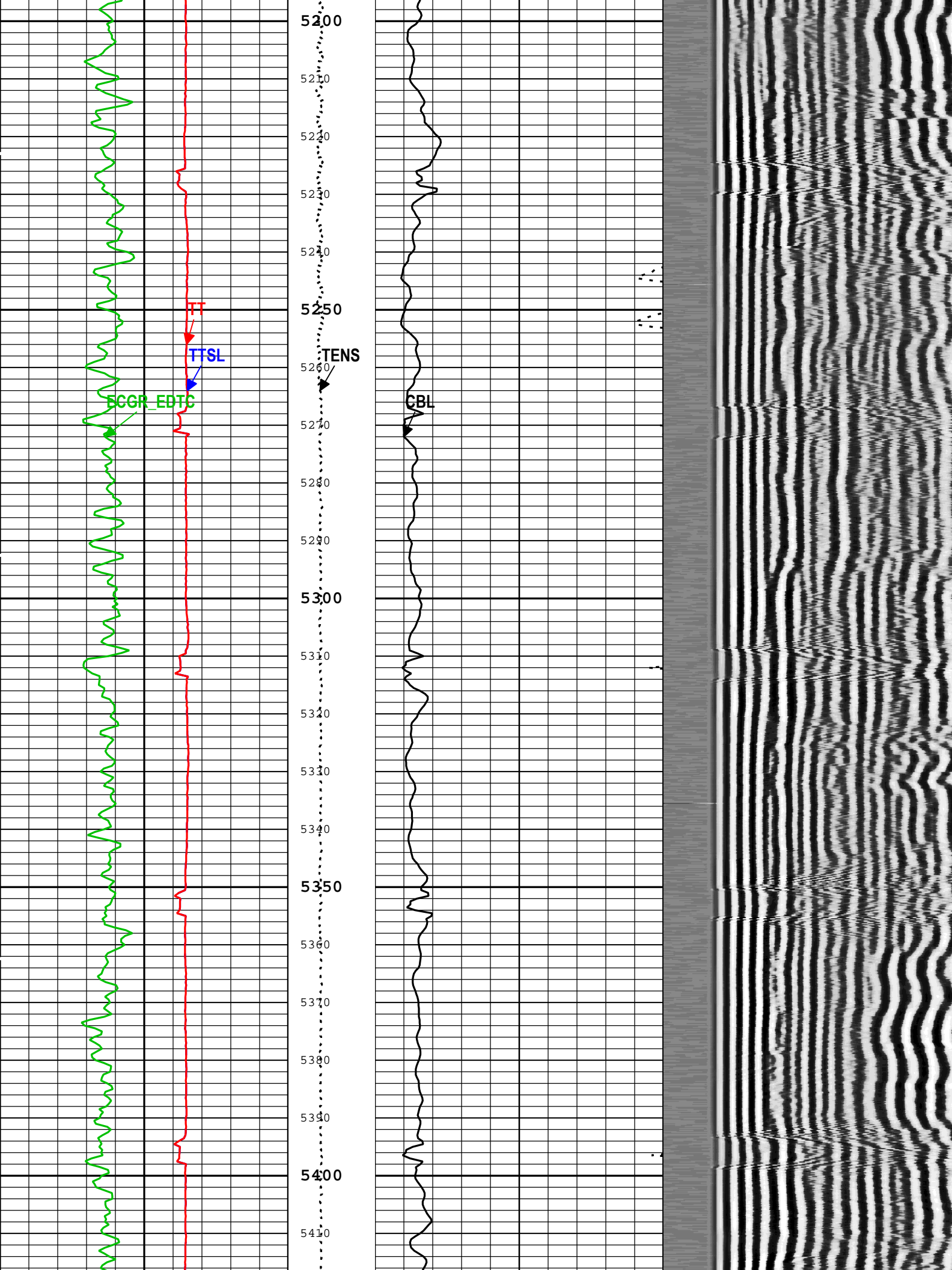


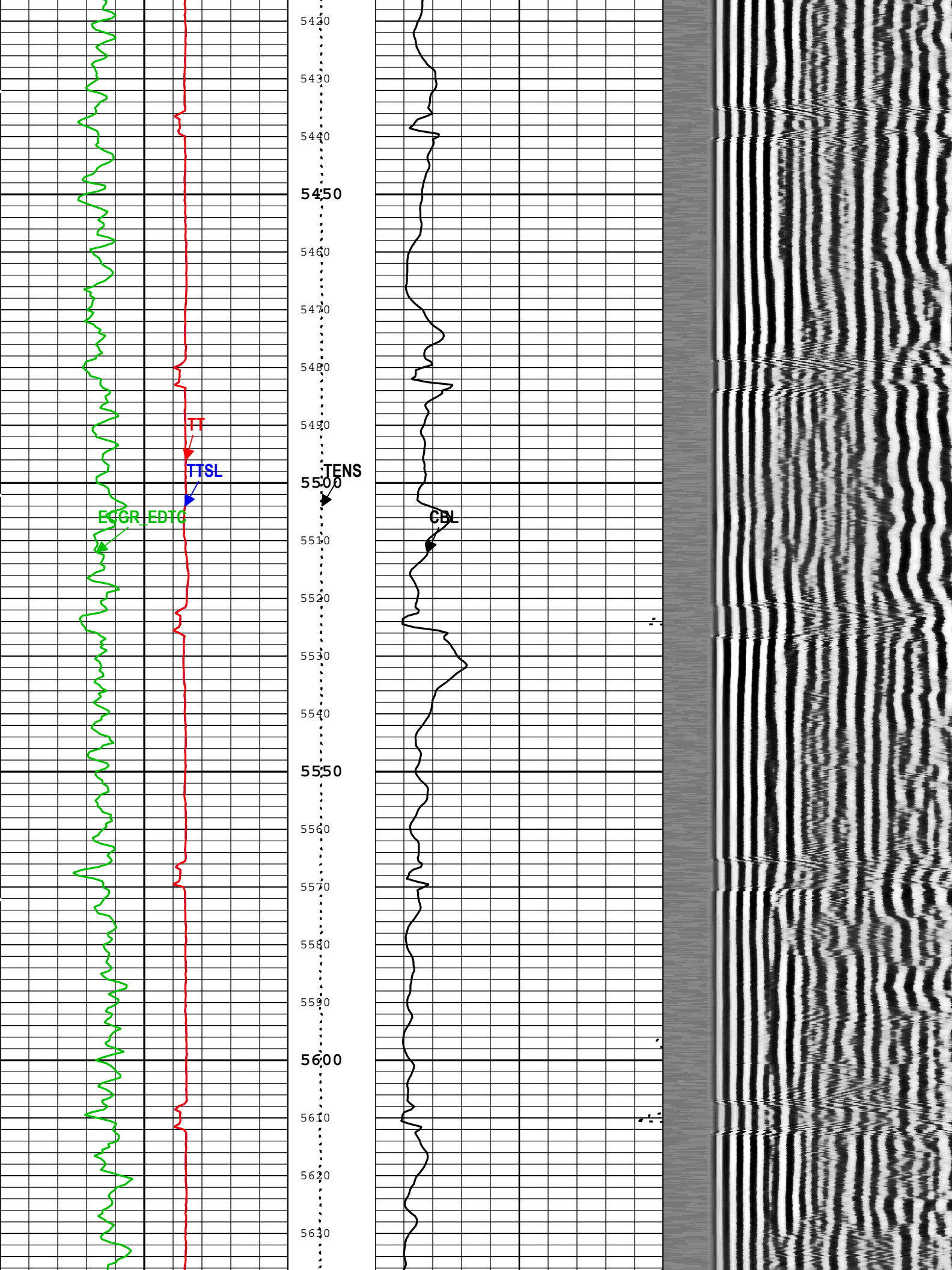


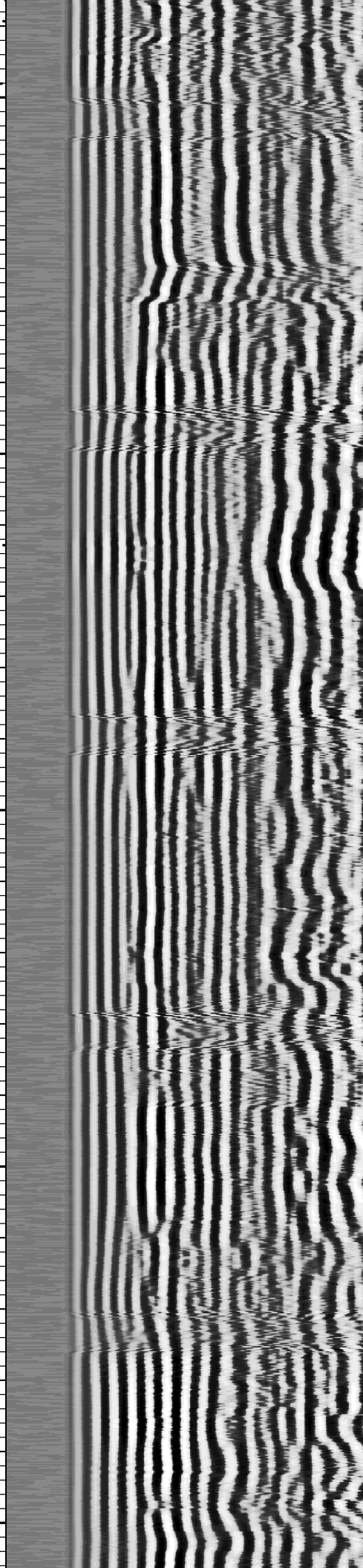
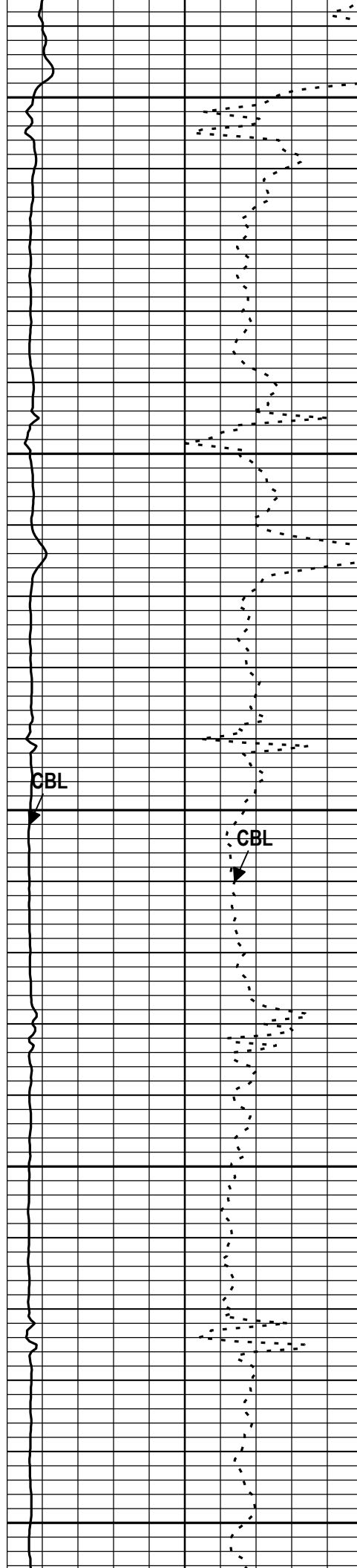
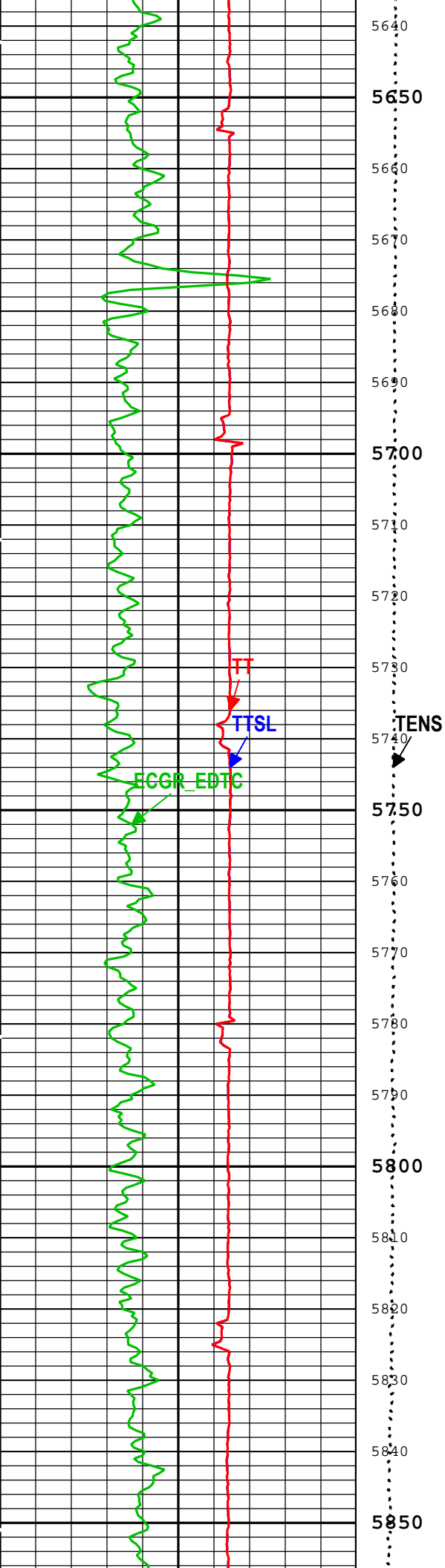




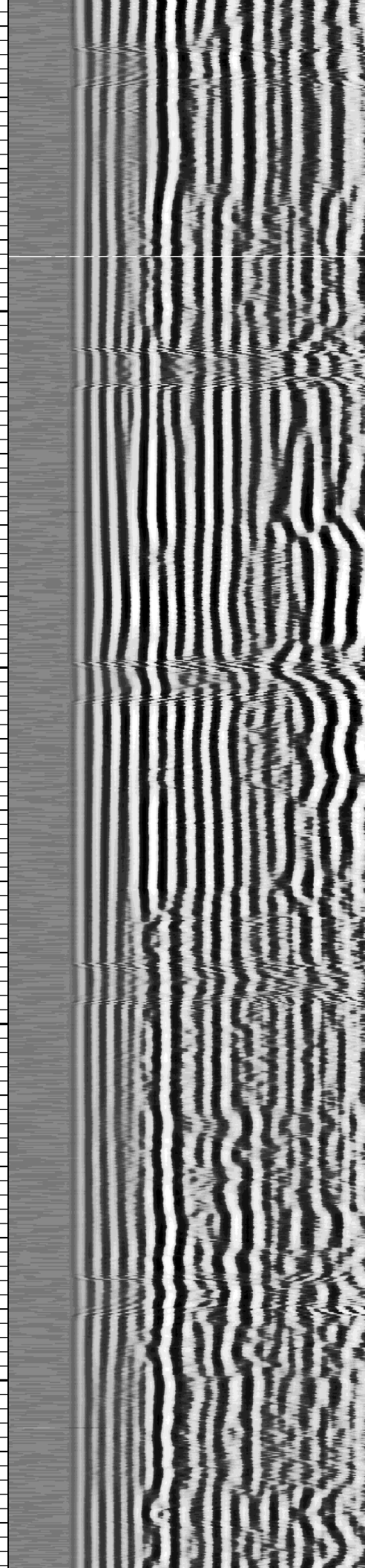
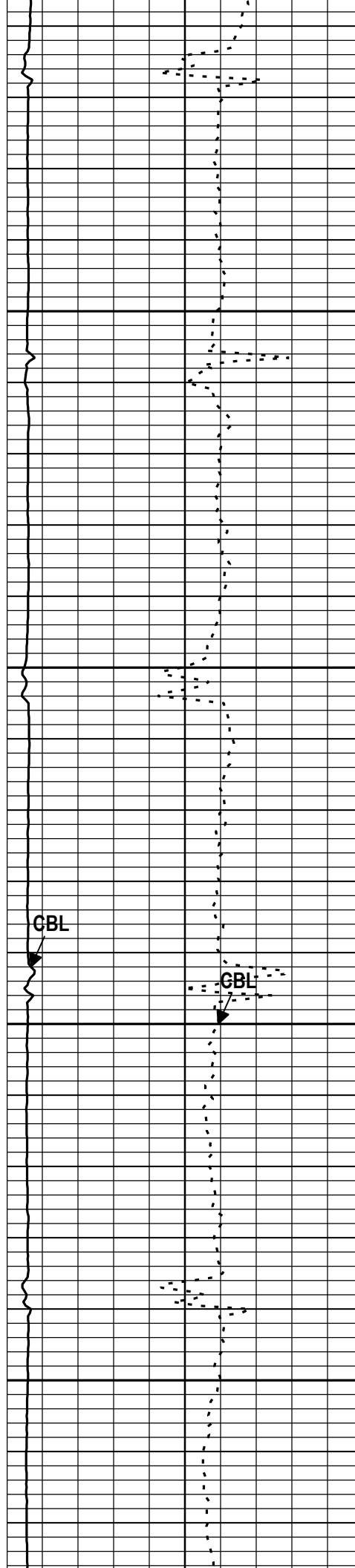
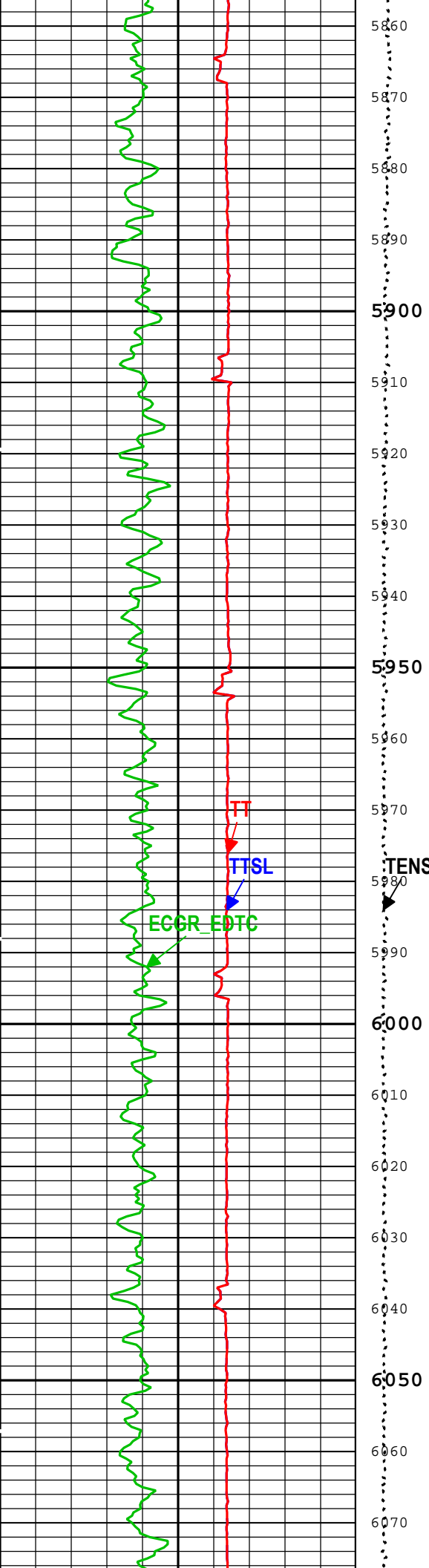


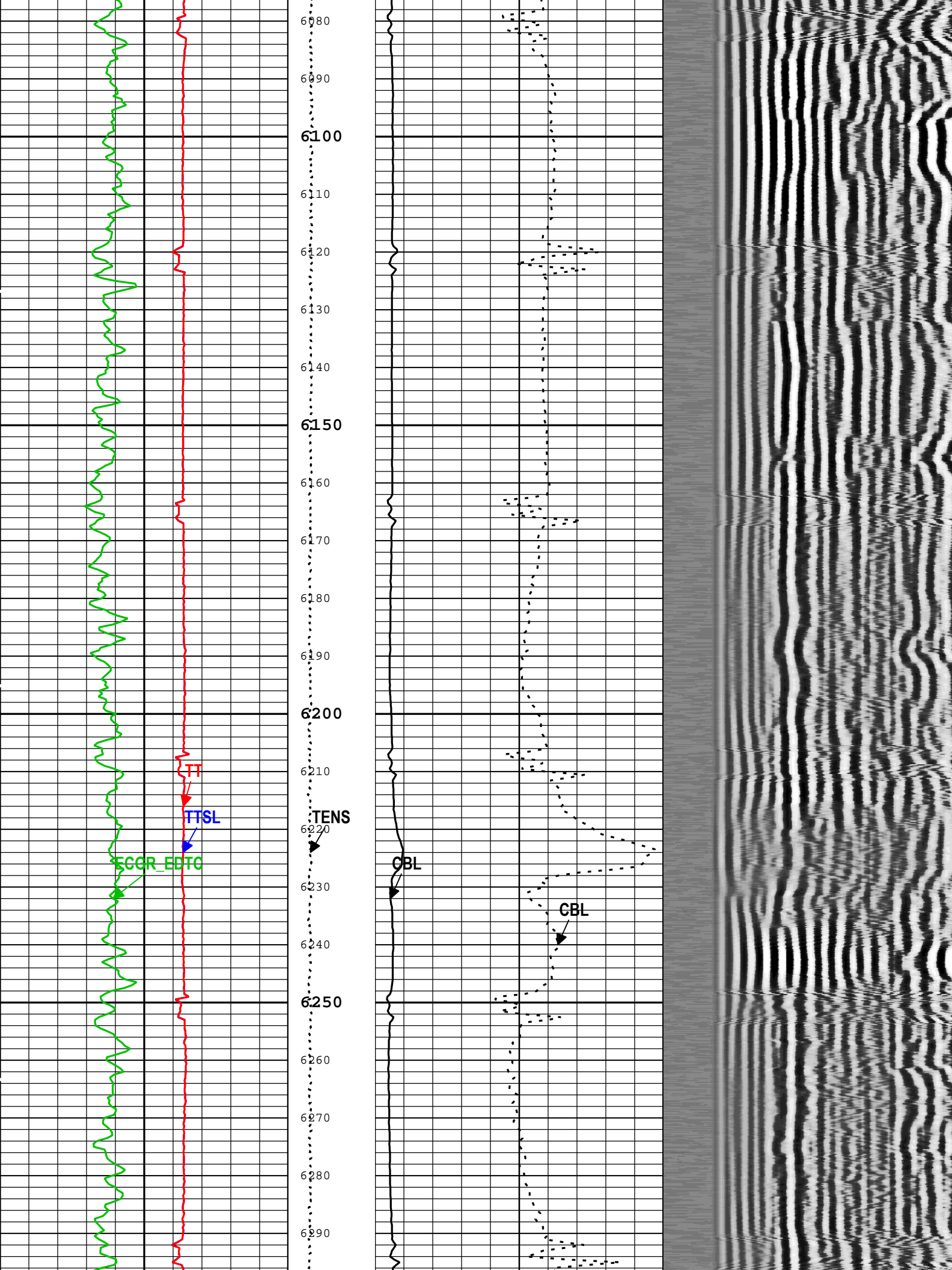


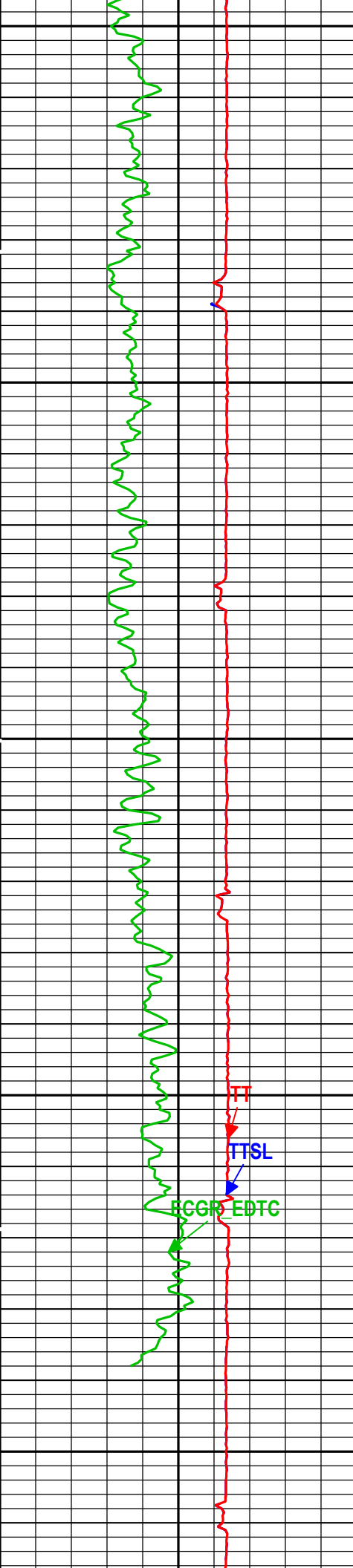












6300

6310

6320

6330

6340

6350

6360

6370

6380

6390

6400

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6440

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TENS

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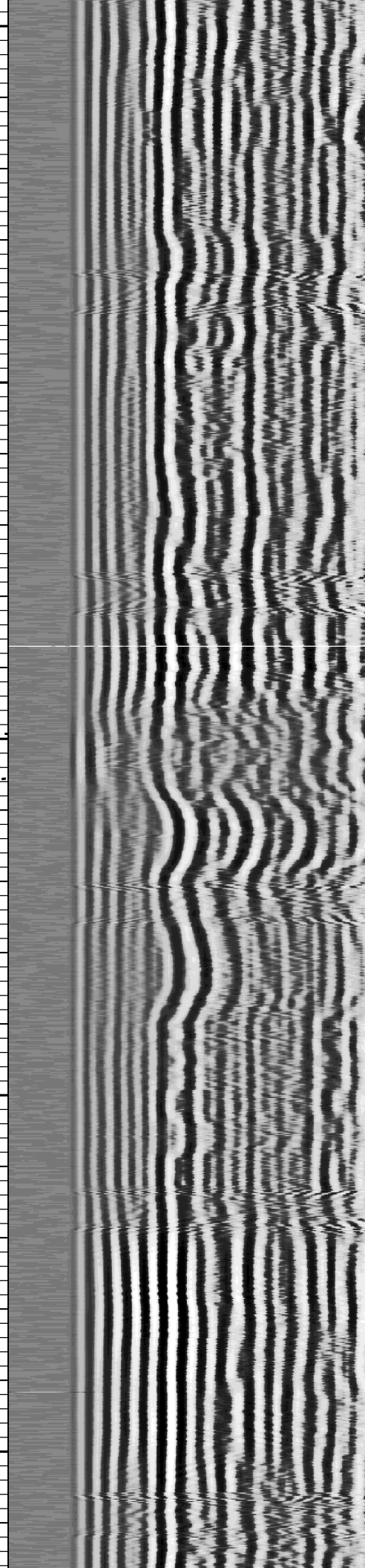
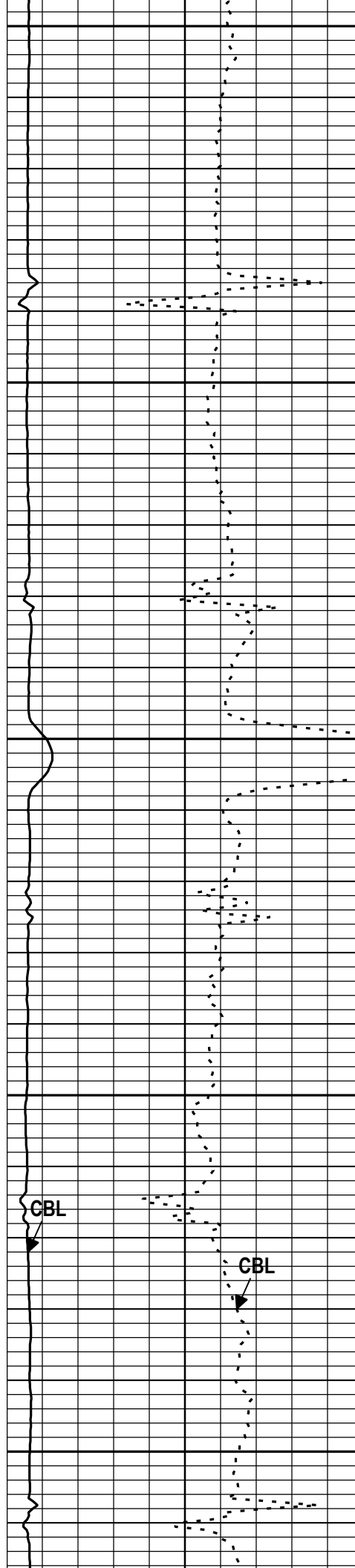
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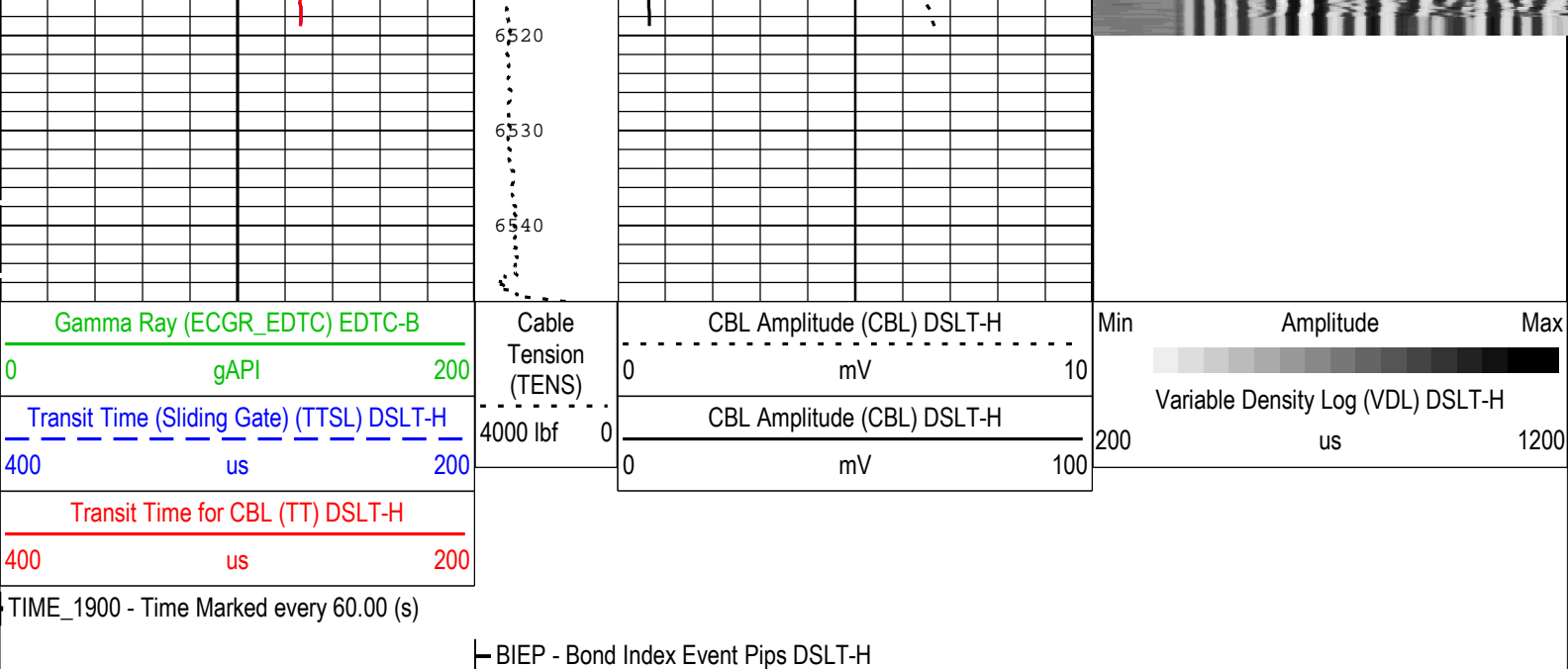
6490

6500

6510







Description: CBL\_Dual\_Gate   Format: Log ( CBL )   Index Scale: 5 in per 100 ft   Index Unit: ft   Index Type: Measured Depth   Creation Date: 22-Jun-2018 13:51:04

## Channel Processing Parameters

## ONE: Parameters

Parameter	Description	Tool	Value	Unit
AMSG	Auxiliary Minimum Sliding Gate	DSLTH	250	us
ISSBAR	Barite Mud Presence Flag	Borehole	No	
BHS	Borehole Status (Open or Cased Hole)	Borehole	Cased	
BS	Bit Size	WLSESSION	Depth Zoned	in
CBLO	Casing Bottom (Logger)	WLSESSION	18557	ft
CBRA	CBL LQC Reference Amplitude in Free Pipe	DSLTH	71	mV
CDEN	Cement Density	EDTC-B	2	g/cm3
CDEN	Cement Density	USIT-E	1.44	g/cm3
CMTY(U-USIT_CEMT)	Cement Type	USIT-E	Regular Cement	
DETE	Delta-T Detection	DSLTH	E1	
DFD	Drilling Fluid Density	Borehole	8.4	lbm/gal
GCSE_DOWN_PASS	Generalized Caliper Selection for WL Log Down Passes	Borehole	BS(RT)	
GCSE_UP_PASS	Generalized Caliper Selection for WL Log Up Passes	Borehole	BS(RT)	
GOBO_CURR	Good Bond in Arbitrary Cement	DSLTH	1.89	mV
IBC_FVEL_SEL	IBC Fluid Velocity Selection	USIT-E	Automatic	
IBC_OFFSET_SEL	IBC Flexural Offset Selector	USIT-E	UFAO	
IBC_ZMUD_SEL	IBC Mud Impedance Selection	USIT-E	Inversion Norm.	
IMAR	Image Rotation	USIT-E	RB	
MAHTR	Manual High Threshold Reference for first arrival detection	DSLTH	120	
MATT_CURR	Maximum Attenuation in Arbitrary Cement	DSLTH	13.94	dB/ft
MCI	Minimum Cemented Interval for Isolation	DSLTH	Depth Zoned	ft
MNHTR	Minimum High Threshold Reference for first arrival detection	DSLTH	120	
MSA	Minimum Sonic Amplitude	DSLTH	0.76	mV
MSA_CURR	Minimum Sonic Amplitude in Arbitrary Cement	DSLTH	0.76	mV
NMSG	Near Minimum Sliding Gate	DSLTH	250	us
SGAD	Sliding Gate Status	DSLTH	Off	
SGDT	Sliding Gate Delta-T	DSLTH	57	us/ft
U-USIT_DFSZ	Drilling Fluid Specific Acoustic Impedance	USIT-E	1.95	Mrayl



U-USIT_UFAO	SIT Flexural Attenuation Offset	USIT-E	-10.51	dB/m
U-USIT_UIAP	IBC Answer Product Enabled	USIT-E	SolidLiquidGasMap	

## Depth Zone Parameters

Parameter	Value	Start ( ft )	Stop ( ft )
BS	13.5	30	1866
BS	7.875	1866	6548
MCI	14.81	30	1856
MCI	4.75	1856	6548

All depth are actual.

## Tool Control Parameters

### ONE: Parameters

Parameter	Description	Tool	Value	Unit
MODE	DSLT Acquisition Mode	DSLT-H	CBL	
RATE	DSLT Firing Rate	DSLT-H	15 Hz	
DTFS	DSLT Telemetry Frame Size	DSLT-H	536	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	3600	ft/h
SGAI	Selectable Acquisition Gain	DSLT-H	x1	
U-USIT_UFWB	Far Receiver Window Begin Time	USIT-E	138	us
U-USIT_UFWE	Far Receiver Window End Time	USIT-E	178	us
U-USIT_UNWB	Near Receiver Window Begin Time	USIT-E	107	us
U-USIT_UNWE	Near Receiver Window End Time	USIT-E	147	us
UPAT	USIT Emission Pattern	USIT-E	Pattern 500 KHz	
UWKM	USIT Working Mode	USIT-E	10 deg at 6.0 in	
U-USIT_UTAN	Transducer Angles	USIT-E	33_DEG	
VRES	Vertical Resolution	USIT-E	6.0 in	

## Calibration Report

### DSLT-H (Digitizing Sonic Logging Tool - H) Calibration - Run ONE

Primary Equipment :

Sonic Logging Sonde E supports 3'-5'BHC DT and CBL/VDL      SLS-E      8016

### CBL Normalization - CBL Accumulations

Master (Measured): 10:11:51 21-Jun-2017 Expired by 1 days

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Upper Far Amplitude		Master	4200.0	3200.0	3708.0		<div><div></div></div>
Upper Near Raw Amplitude	mV	Master	33.000	27.000	30.616	43.000	<div><div></div></div>
Lower Far Amplitude		Master	4200.0	3200.0	3531.4		<div><div></div></div>
Lower Near Raw Amplitude	mV	Master	46.000	27.000	38.102	68.000	<div><div></div></div>

### CBL Normalization - CBL/VDL Coefficients

Master (Measured): 10:11:51 21-Jun-2017 Expired by 1 days

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
CBL Correction Factor for UT		Master	3.500	2.700	3.789	4.300	<div><div></div></div>
CBL Correction Factor for LT		Master	2.500	1.700	3.044	4.300	<div><div></div></div>
VDL Ratio between UT and LT for CBLB Mode		Master	1.000		0.952		<div><div></div></div>

### CBL Free Pipe Adjustment - Free Pipe Measurement

Before (Manual Entry): 10:05:33 21-Jun-2018

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
CBL Amplitude - 0	mV	Before	----	----	----	----	<div><div></div></div>
CBL Reference Amplitude (CBRA) - 0	mV	Before	----	----	----	----	<div><div></div></div>
Measurement Depth - 0	ft	Before	----	----	----	----	<div><div></div></div>

### CBL Free Pipe Adjustment - CBL Amplitude Coefficient

Before (Manual Entry): 10:05:33 21-Jun-2018

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
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CBL Adjustment Factor		Before	1.000	0.200	0.759	5.000	<div><div></div></div>
Depth of Before Calibration	ft	Before			198.54		<div><div></div></div>

## HGNS-H (HILT Gamma-Ray and Neutron Sonde, 150 degC) Calibration - Run ONE

### Primary Equipment :

HILT Gamma-Ray and Neutron Sonde, 150 degC HGNS-H

### Auxiliary Equipment :

HGNS Accelerometer, 150 degC HACCZ-H 5118  
AmBe Neutron Logging Source NSR-F 5203

### Calibration Parameter :

Water Temperature (Calibration Tank Water Temperature) 69.0  
Housing Size (Thermal Housing Size) 3.38  
JIG-BKG

## HGNS Accelerometer Calibration - Accelerometer Accumulations

Before (Measured): 07:46:55 22-Jun-2018

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	<div><div></div></div>
AZ Vertical Measurement	ft/s2	Before	32.2	31.5	32.0	32.8	<div><div></div></div>

## HGNS Accelerometer EEPROM - Accelerometer EEPROM Read

Master (EEPROM): 18:00:00 14-May-2006

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	<div><div></div></div>
Accelerometer Manufacturer		Master			QAT_160		<div><div></div></div>
Accelerometer Reference Temperature	degF	Master		30.2	77.0	122.0	<div><div></div></div>
Accelerometer Coefficients - 0		Master	----	----	2900.000	----	<div><div></div></div>
Accelerometer Coefficients - 1		Master	----	----	19.000	----	<div><div></div></div>
Accelerometer Coefficients - 2		Master	----	----	0.002	----	<div><div></div></div>
Accelerometer Coefficients - 3		Master	----	----	0.000	----	<div><div></div></div>
Accelerometer Coefficients - 4		Master	----	----	2.747	----	<div><div></div></div>
Accelerometer Coefficients - 5		Master	----	----	0.000	----	<div><div></div></div>
Accelerometer Coefficients - 6		Master	----	----	0.000	----	<div><div></div></div>
Accelerometer Coefficients - 7		Master	----	----	0.000	----	<div><div></div></div>
Accelerometer Coefficients - 8		Master	----	----	299.100	----	<div><div></div></div>
Accelerometer Coefficients - 9		Master	----	----	0.993	----	<div><div></div></div>

## HGNS Neutron Calibration - HGNS Neutron Accumulations

Master (EEPROM): 07:16:00 29-Apr-2018

Before:

After:

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	<div><div></div></div>
Near Zero Measurement	1/s	Master	0	5.0	27.4	40.0	<div><div></div></div>
		Before	----	----	----	----	<div><div></div></div>
		After	----	----	----	----	<div><div></div></div>
		Before-Master	----	----	----	----	<div><div></div></div>
		After-Before	----	----	----	----	<div><div></div></div>
Far Zero Measurement	1/s	Master	0	5.0	28.1	40.0	<div><div></div></div>
		Before	----	----	----	----	<div><div></div></div>
		After	----	----	----	----	<div><div></div></div>
		Before-Master	----	----	----	----	<div><div></div></div>
		After-Before	----	----	----	----	<div><div></div></div>
Near Plus Measurement	1/s	Master	6031.0	4700.0	5257.0	6900.0	<div><div></div></div>
		Before	----	----	----	----	<div><div></div></div>
		After	----	----	----	----	<div><div></div></div>
		Before-Master	----	----	----	----	<div><div></div></div>
		After-Before	----	----	----	----	<div><div></div></div>
Far Plus Measurement	1/s	Master	2793.0	1900.0	2216.0	2900.0	<div><div></div></div>
		Before	----	----	----	----	<div><div></div></div>
		After	----	----	----	----	<div><div></div></div>
		Before-Master	----	----	----	----	<div><div></div></div>
		After-Before	----	----	----	----	<div><div></div></div>
Near Corrected Plus Measurement	1/s	Master		4700.0	5261.0	6900.0	<div><div></div></div>
		Before	----	----	----	----	<div><div></div></div>

		After	----	----	----	----	
		Before-Master	----	----	----	----	
		After-Before	----	----	----	----	
Far Corrected Plus Measurement	1/s	Master		1900.0	2209.0	2900.0	
		Before	----	----	----	----	
		After	----	----	----	----	
		Before-Master	----	----	----	----	
		After-Before	----	----	----	----	

## HGNS Gamma-Ray Calibration - Gamma-Ray Accumulations

Before:		After:					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
RGR Zero Measurement - 0	gAPI	Before	----	----	----	----	
		After	----	----	----	----	
		After-Before	----	----	----	----	
RGR Plus Measurement	gAPI	Before			NOT DONE		
		After			NOT DONE		
		After-Before	----	----	----	----	
GR Calibration Gain		Before			NOT DONE		
		After	----	----	----	----	
		After-Before	----	----	----	----	

## EDTC-B (Enhanced Digital Telemetry Cartridge - Version B) Calibration - Run ONE

Primary Equipment :							
	EDTC-B			EDTC-B		9274	
Calibration Parameter :							
	Plus Reference						

## EDTC-B Accelerometer Calibration - EDTC-B Accelerometer Calibration

Before (Measured):		07:46:48 22-Jun-2018					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
AZ Vertical Measurement	ft/s2	Before	32.19	31.53	31.99	32.84	

## EDTC-B Memory Data - EDTC-B Memory Data

Master (EEPROM):		07:21:50 22-Jun-2018					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Initial PMT HV	V	Master			1402.000		
Accelerometer Serial Number		Master			1475		
Accelerometer Coefficients - 0		Master	----	----	2.992E+000	----	
Accelerometer Coefficients - 1		Master	----	----	2.629E-004	----	
Accelerometer Coefficients - 2		Master	----	----	1.576E-007	----	
Accelerometer Coefficients - 3		Master	----	----	-6.197E-008	----	
Accelerometer Coefficients - 4		Master	----	----	1.538E-009	----	
Accelerometer Coefficients - 5		Master	----	----	-1.181E-011	----	
Accelerometer Coefficients - 6		Master	----	----	3.047E-014	----	
Accelerometer Coefficients - 7		Master	----	----	1.950E-003	----	
Accelerometer Coefficients - 8		Master	----	----	3.849E-005	----	
Accelerometer Coefficients - 9		Master	----	----	-1.197E-007	----	
Accelerometer Coefficients - 10		Master	----	----	3.312E-010	----	
Accelerometer Coefficients - 11		Master	----	----	-1.034E-012	----	
Gamma-Ray Detector Serial Number		Master			79445		

## EDTC-B Gamma-Ray Calibration - Gamma Ray Coefficients

Before:		After:					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Gamma Ray Gain		Before	1.000	0.900	NOT DONE	1.100	
		After	----	----	----	----	
		After-Before	----	----	----	----	

## EDTC-B Gamma-Ray Calibration - Gamma Ray Accumulations

Before:		After:					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
RGR Zero Measurement - 0	gAPI	Before	----	----	----	----	



RGR Plus Measurement	gAPI	Before After After-Before	----- ----- -----	----- ----- -----	----- ----- -----	----- ----- -----	
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# LEH-QT (Logging Equipment Head - QT, 3-3/8 inch 31 pin HPHT with Tension Sensor) Calibration - Run ONE

Primary Equipment :		Logging Equipment Head - QT, 3-3/8 inch 31 pin HPHT with Tension Sensor	LEH-QT	2109
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## HTEN Master Calibration - HTEN Master Calibration

Master:							
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
HTEN Shop Gain		Master	1.000	0.800	NOT DONE	4.500	
HTEN Shop Offset	lbf	Master	0	-1000.000	NOT DONE	1000.000	

## HTEN Before Calibration - HTEN Before Calibration

Before:							
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
RHTE Zero Measurement - 0	lbf	Before	-----	-----	-----	-----	
RHTE Plus Measurement - 0	lbf	Before	-----	-----	-----	-----	
HTEN Gain - 0		Before	-----	-----	-----	-----	
HTEN Offset - 0	lbf	Before	-----	-----	-----	-----	

Company:	Anadarko Petroleum Corporation	Schlumberger
Well:	Verde 13-8HZ	
Field:	Wildcat	
County:	Weld	
State:	Colorado	

Cement Bond Log
Variable Density Log