

Company: CHESAPEAKE OPERATING, INC.

Well: EICHHEIM 18-9-66-1H

Field: WILD CAT

County: WELD State: COLORADO

County: WELD  
Field: WILD CAT  
Location: SE/4 & SE/4  
Well: EICHHEIM 18-9-66-1H  
Company: CHESAPEAKE OPERATING, INC.

CBL / VDL / MAP IMAGE  
GAMMA RAY  
CASING COLLAR LOG

SE/4 & SE/4

Elev.: K.B. 12.00 ft  
G.L.  
D.F.

Permanent Datum: \_\_\_\_\_  
Log Measured From: KELLY BUSHING  
Drilling Measured From: KELLY BUSHING

GROUND LEVEL \_\_\_\_\_  
Elev.: 0.00 ft  
12.00 ft above Perm. Datum

API Serial No. \_\_\_\_\_  
Section 18  
Township 9N  
Range 66W

Logging Date	8-Dec-2011		
Run Number	1		
Depth Driller			
Schlumberger Depth	7500 ft		
Bottom Log Interval	7492 ft		
Top Log Interval	0 ft		
Casing Fluid Type	WATER		
Salinity			
Density	8.4 lbm/gal		
Fluid Level			
BIT/CASING/TUBING STRING			
Bit Size	7.875 in		
From			
To			
Casing/Tubing Size	5.500 in		
Weight	17 lbm/ft		
Grade			
From			
To			
Maximum Recorded Temperatures	207 degF		
Logger On Bottom	8-Dec-2011	12:07	
Unit Number	354	FORT MORGAN	
Recorded By	C MARCH		
Witnessed By	BRIAN BROWNARD		

PVT DATA				Run 1	Run 2	Run 3
Oil Density						
Water Salinity						
Gas Gravity						
Bo						
Bw						
1/Bq						
Bubble Point Pressure						
Bubble Point Temperature						
Solution GOR						
Maximum Deviation						
CEMENTING DATA						
Primary/Squeeze				Primary		
Casing String No						
Lead Cement Type						
Volume						
Density						
Water Loss						
Additives						
Tail Cement Type						
Volume						
Density						
Water Loss						
Additives						
Expected Cement Top						
Logging Date						
Run Number						
Depth Driller						
Schlumberger Depth						
Bottom Log Interval						
Top Log Interval						
Casing Fluid Type						
Salinity						
Density						
Fluid Level						
BIT/CASING/TUBING STRING						
Bit Size						
From						
To						
Casing/Tubing Size						
Weight						
Grade						
From						
To						
Maximum Recorded Temperatures						
Logger On Bottom						
Unit Number						
Recorded By						
Witnessed By						

## DEPTH SUMMARY LISTING

Date Created: 8-DEC-2011 11:18:06

## Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-B	Type:	CMTD-B/A	Type:	1-25ZT
Serial Number:	4990	Serial Number:	1105	Serial Number:	354
Calibration Date:	28-JUL-2011	Calibration Date:	08-NOV-201	Length:	17500 FT
Calibrator Serial Number:	1	Calibrator Serial Number:	100513	Conveyance Method: Wireline Rig Type: LAND	
Calibration Cable Type:	1-25P	Number of Calibration Points:	0		
Wheel Correction 1:	-2				
Wheel Correction 2:	-4				

## Depth Control Parameters

Log Sequence:	First Log In the Well
Rig Up Length At Surface:	0.00 FT
Rig Up Length At Bottom:	0.00 FT
Rig Up Length Correction:	0.00 FT
Stretch Correction:	
Tool Zero Check At Surface:	

### Depth Control Remarks

1. IDW WHEELS PRIMARY DEPTH CONTROL
2. DRUM COUNTER USED AS SECONDARY DEPTH CONTROL
- 3.
- 4.
- 5.
- 6.

## DISCLAIMER

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OTHER SERVICES1 OS1: NONE OS2: OS3: OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
NO CORRELATION LOG	
NO INFORMATION ON WELL	
PULLED INFORMATION OFF SIGN	
AT EDGE OF LOCATION	
MAIN PASS RAN UNDER 0 PSI	

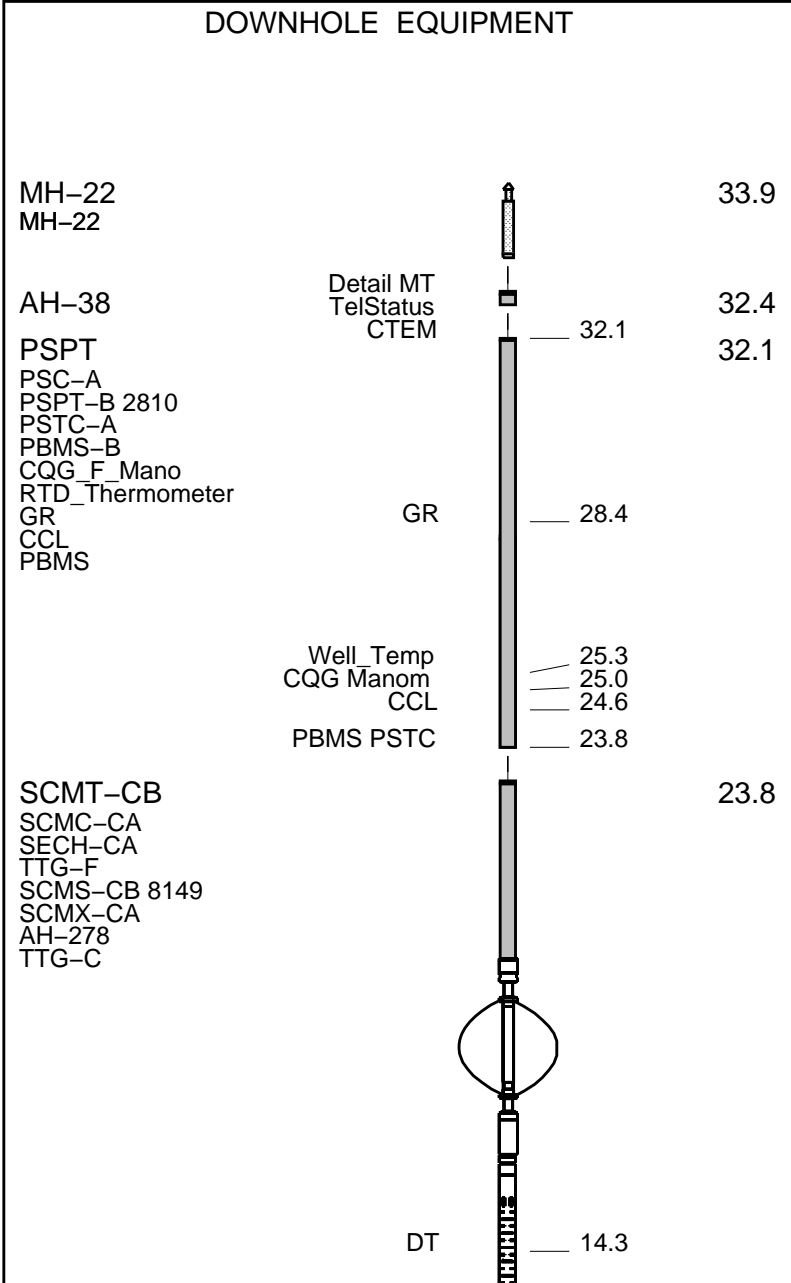
CREW: SCHRIVER	
THANK YOU	

RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		

SURFACE EQUIPMENT

WITM-A  
PSC\_16MHZ



CBL5 DTSC — 12.8  
CBL3 — 11.8  
MAP — 11.3  
AUX — 10.3

HV  
Tension SCMT — 0.0  
TOOL ZERO

MAXIMUM STRING DIAMETER 1.69 IN  
MEASUREMENTS RELATIVE TO TOOL ZERO  
ALL LENGTHS IN FEET

Company: CHESAPEAKE OPERATING, INC.

Well: EICHHEIM 18-9-66-1H

### Input DLIS Files

DEFAULT SCMT\_PSP\_003LUP FN:2 PRODUCER 08-Dec-2011 11:59 7569.0 FT 35.5 FT

### Output DLIS Files

DEFAULT SCMT\_PSP\_005PUP FN:4 PRODUCER 08-Dec-2011 13:50 7569.0 FT 35.5 FT

### OP System Version: 19C0-187

SCMT-CB 19C0-187 PSPT 19C0-187

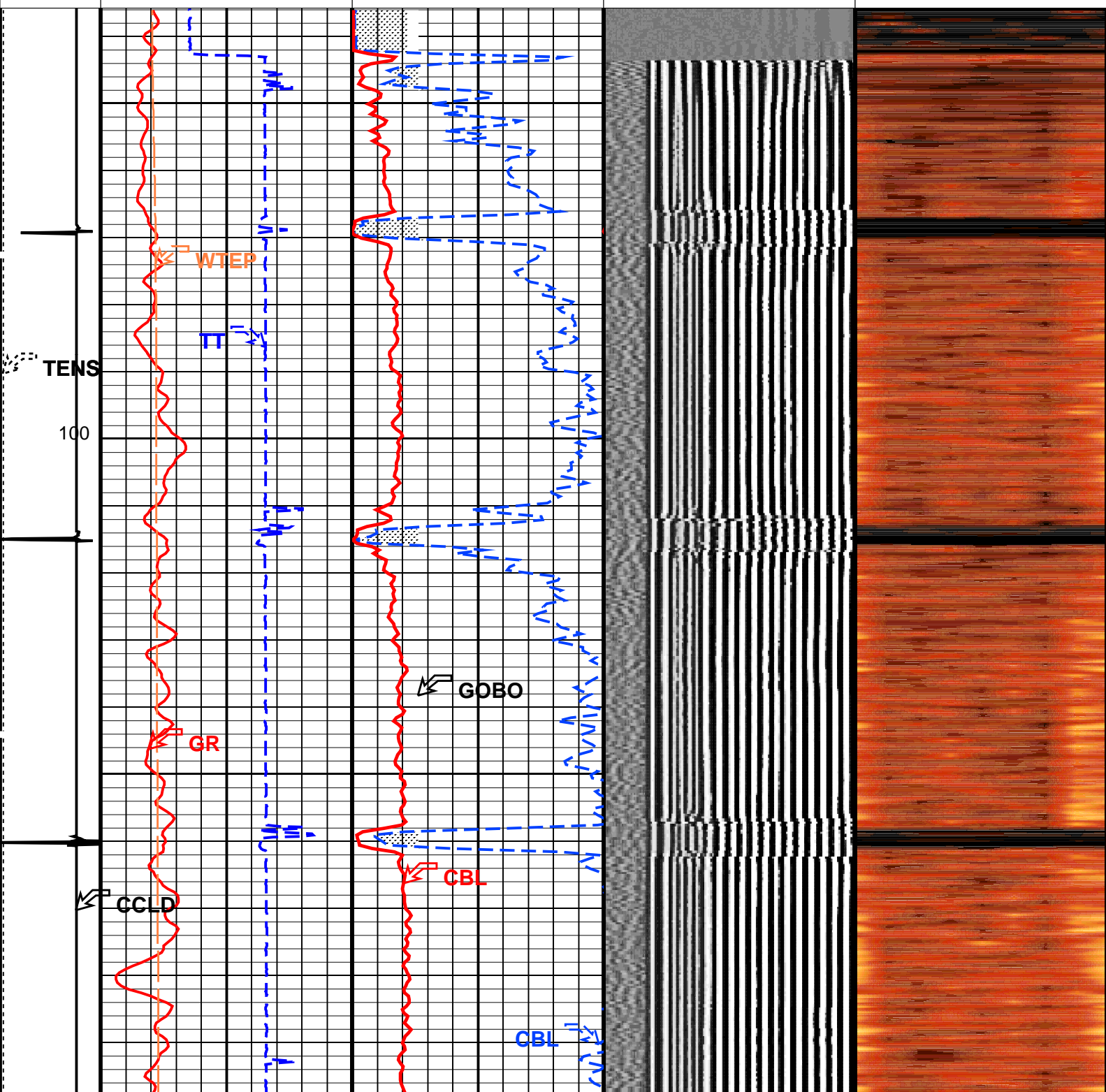
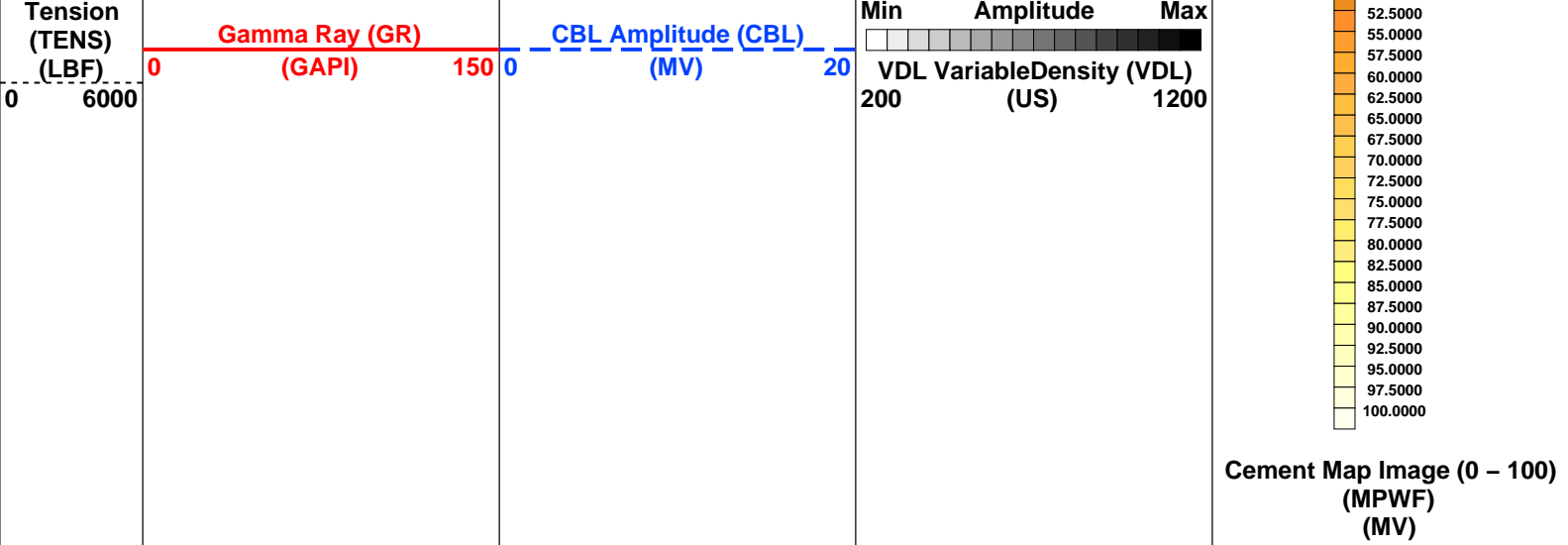
### PIP SUMMARY

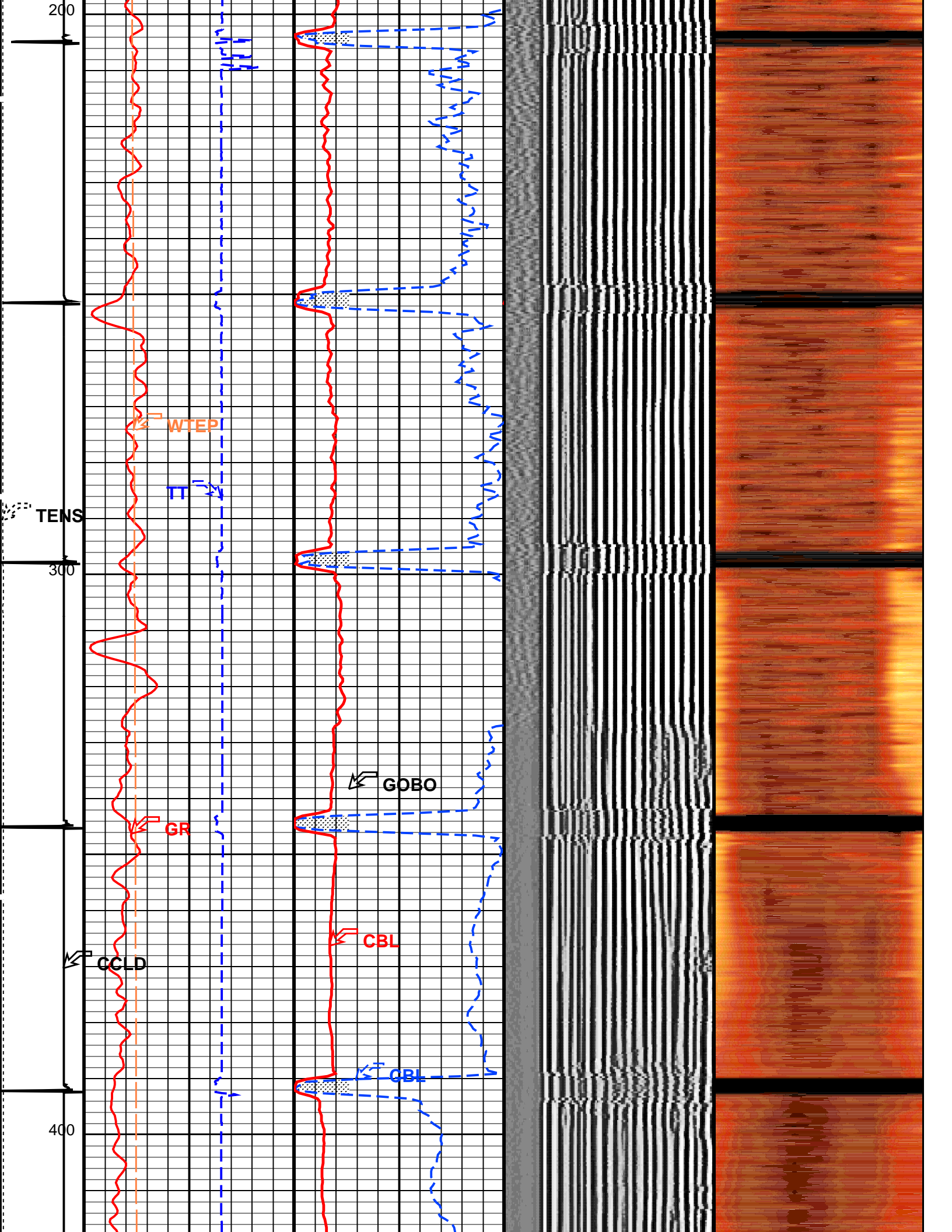
Time Mark Every 60 S

	Well Temperature (WTEP) (DEGF)	GoodBond From ACBL to GOBO	MAIN PASS
	0 250		
Discriminat ed CCL (CCLD)	Transit Time (TT) (US)	CBL Amplitude (CBL) (MV)	CASING PRESSURE 0 PSI
3 (V) -1	400 200 0	100	

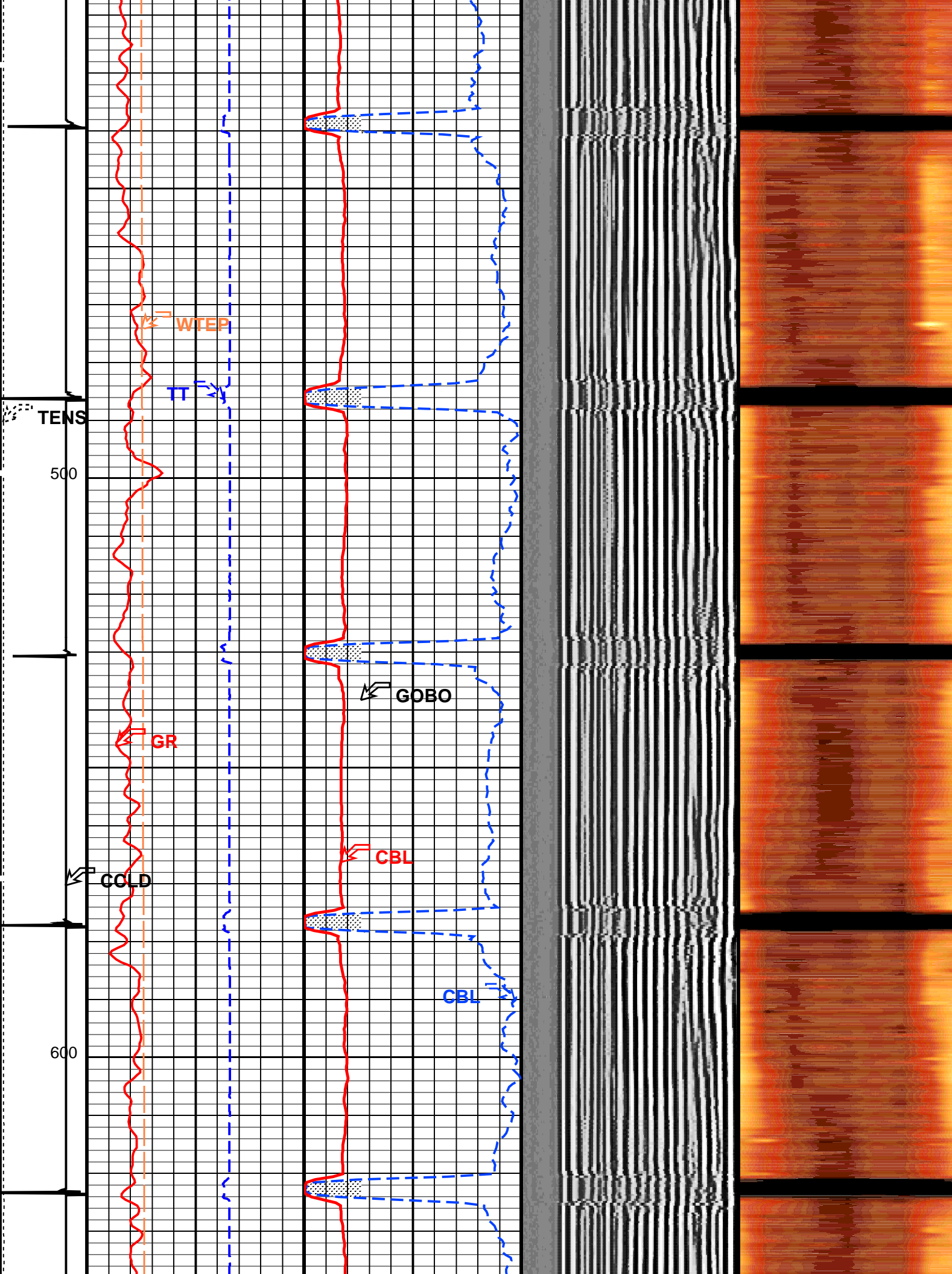
2.5000  
5.0000  
7.5000  
10.0000  
12.5000  
15.0000  
17.5000  
20.0000  
22.5000  
25.0000  
27.5000  
30.0000  
32.5000  
35.0000  
37.5000  
40.0000  
42.5000  
45.0000  
47.5000  
50.0000

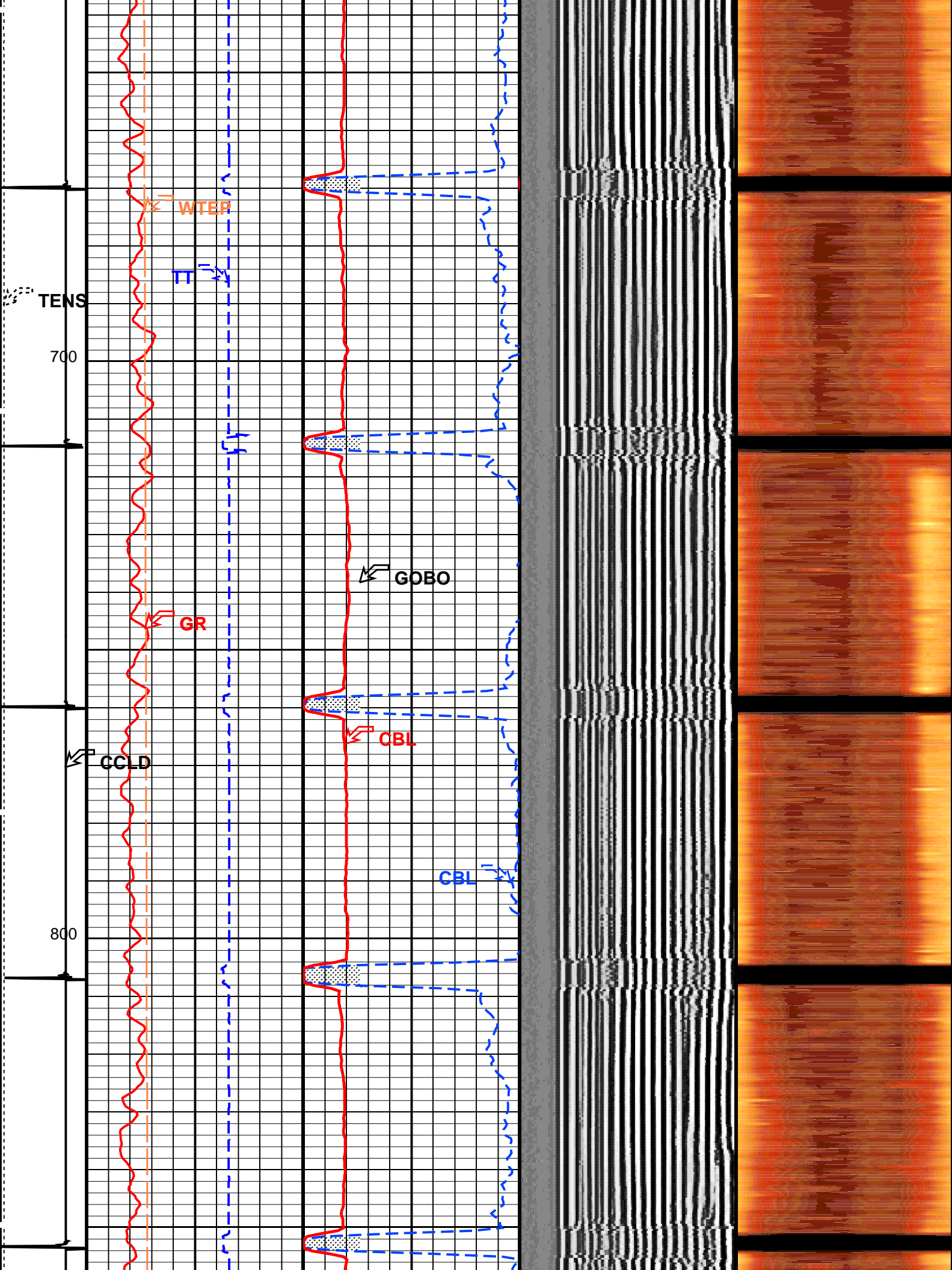




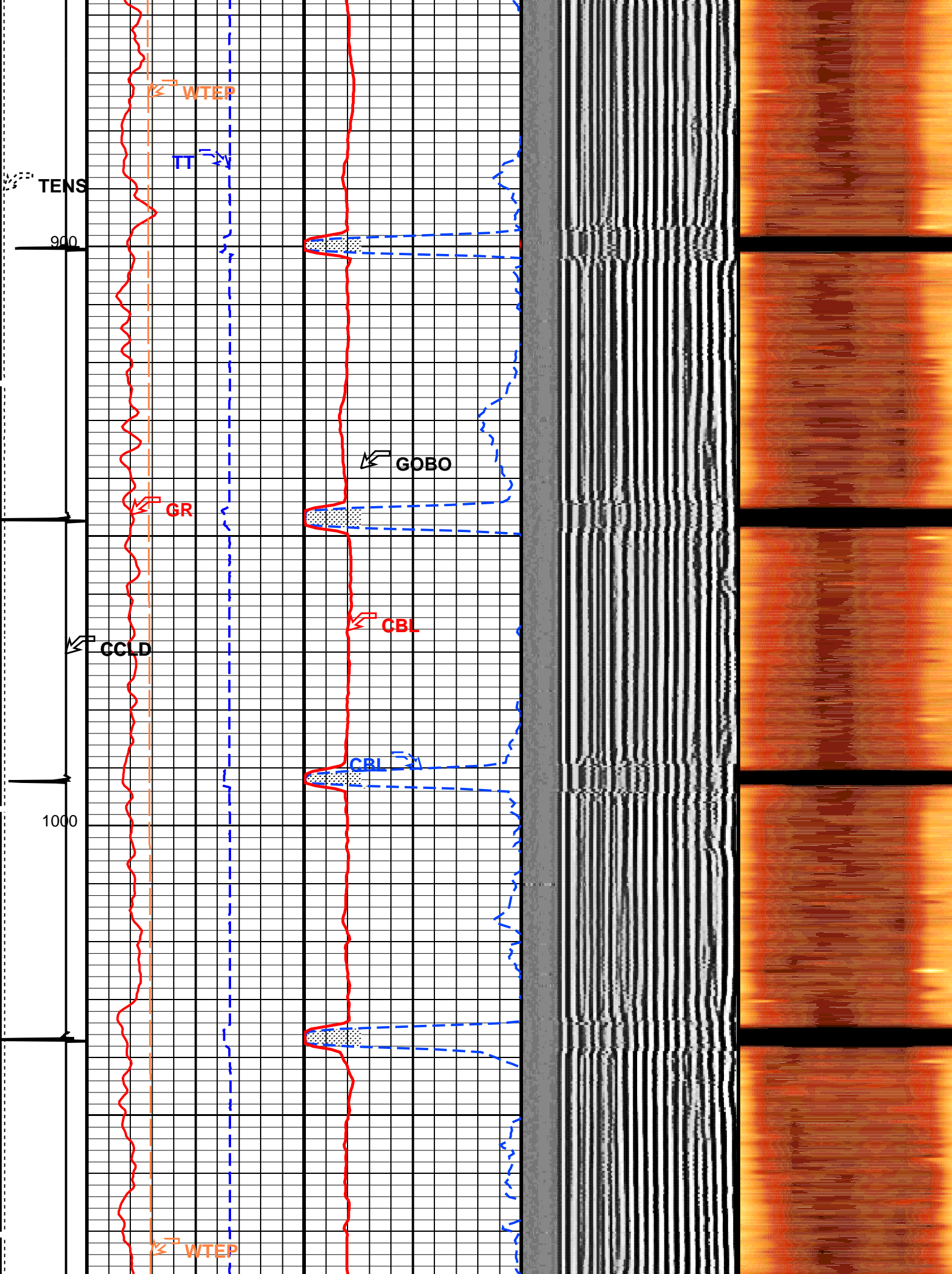


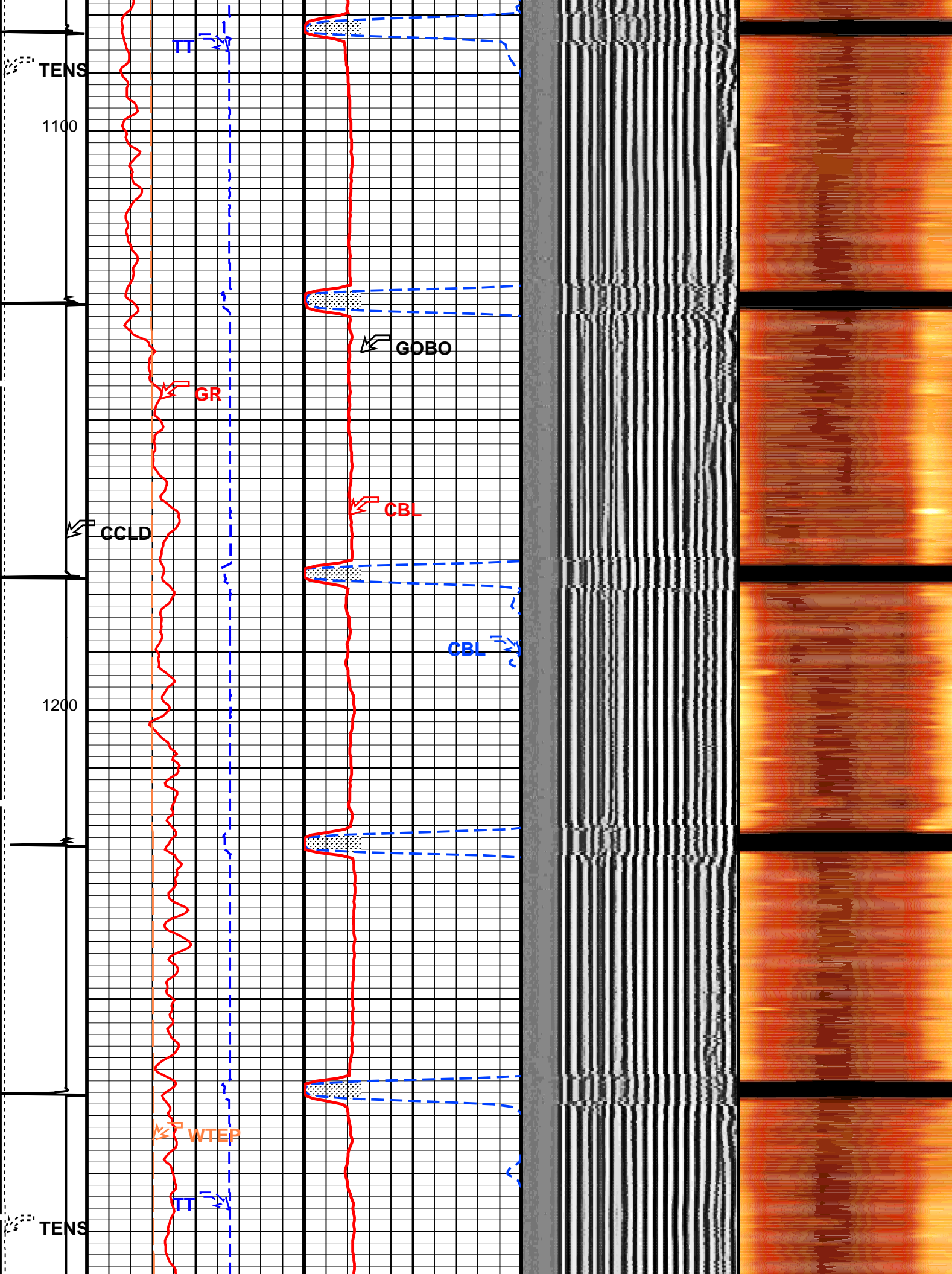




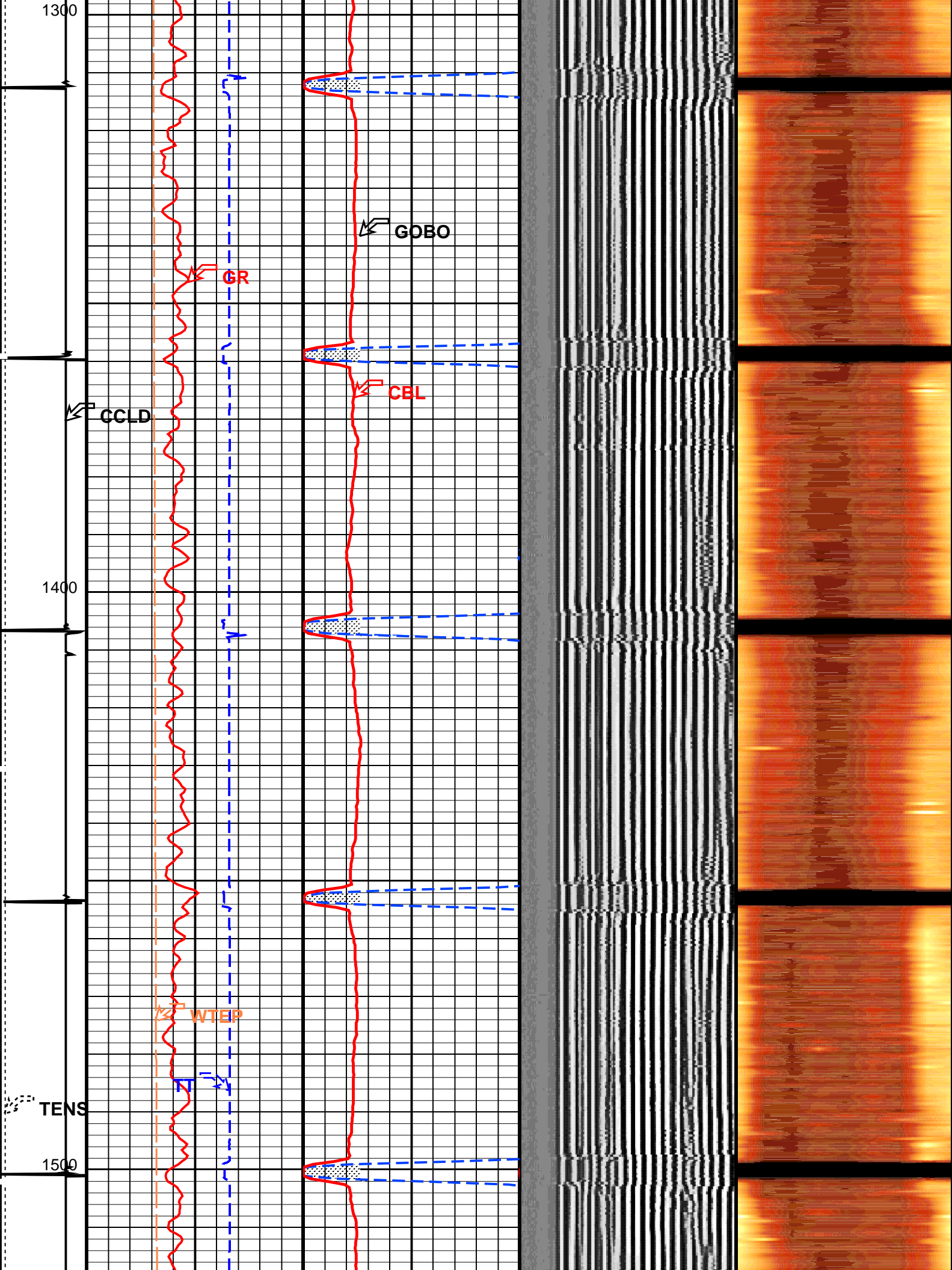


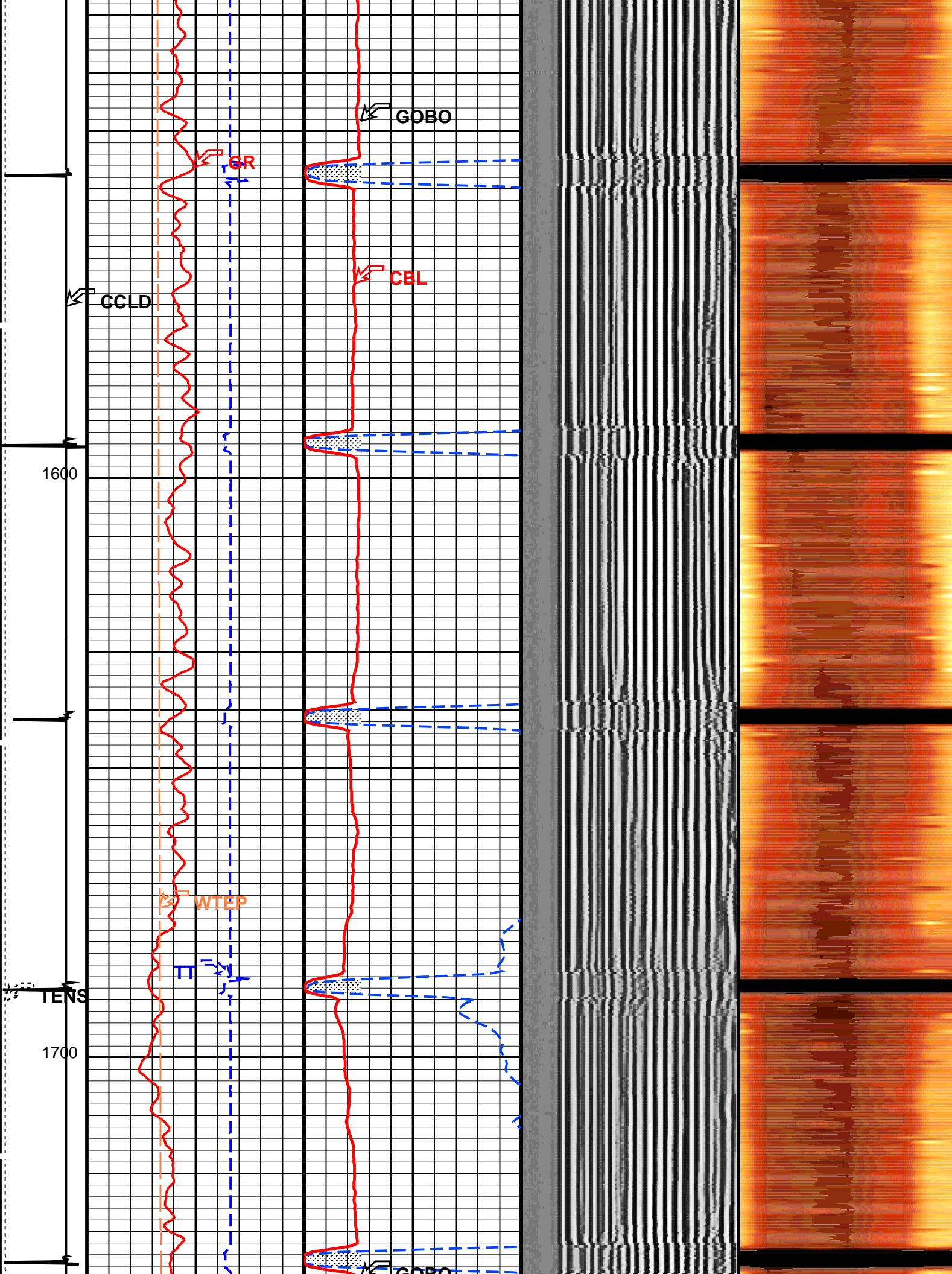




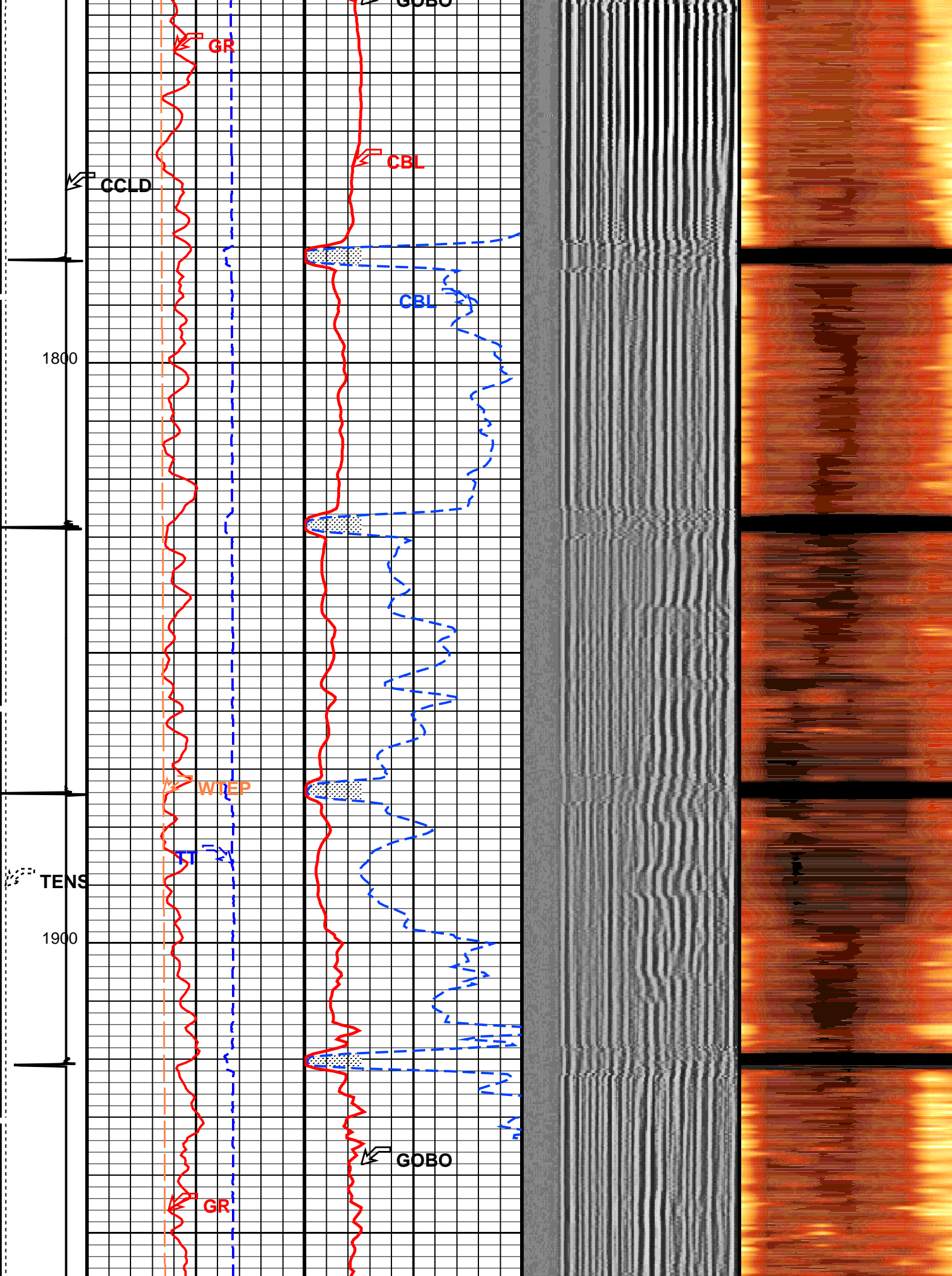


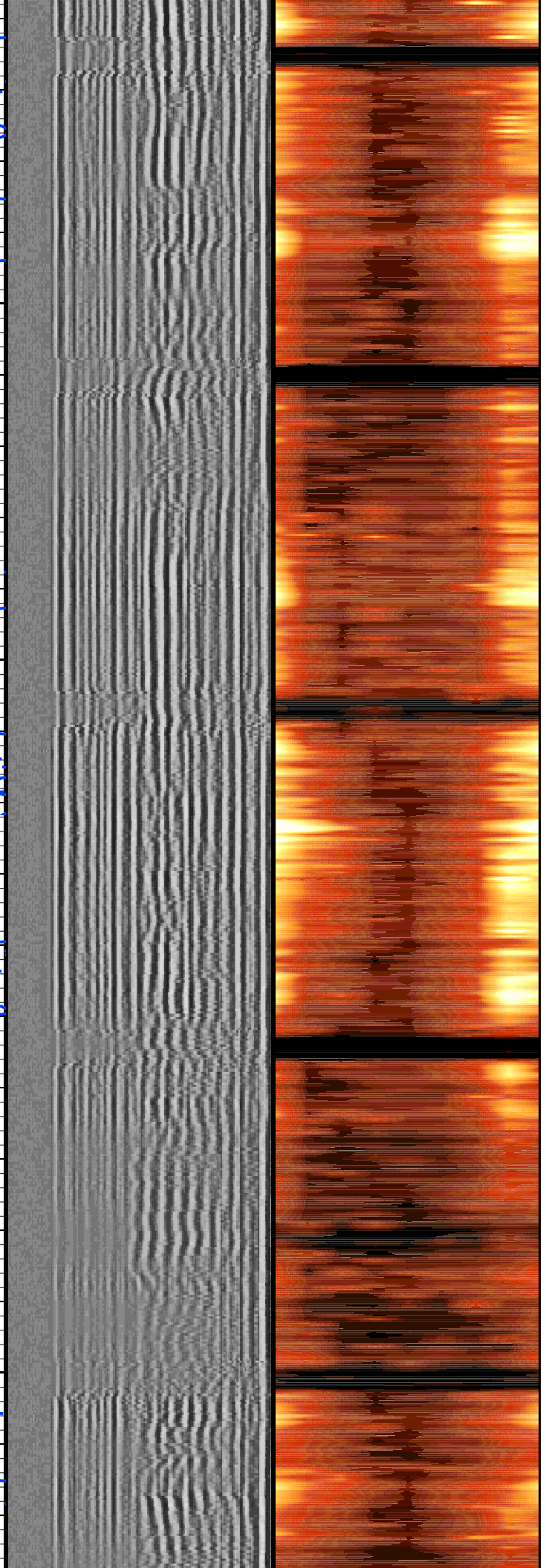
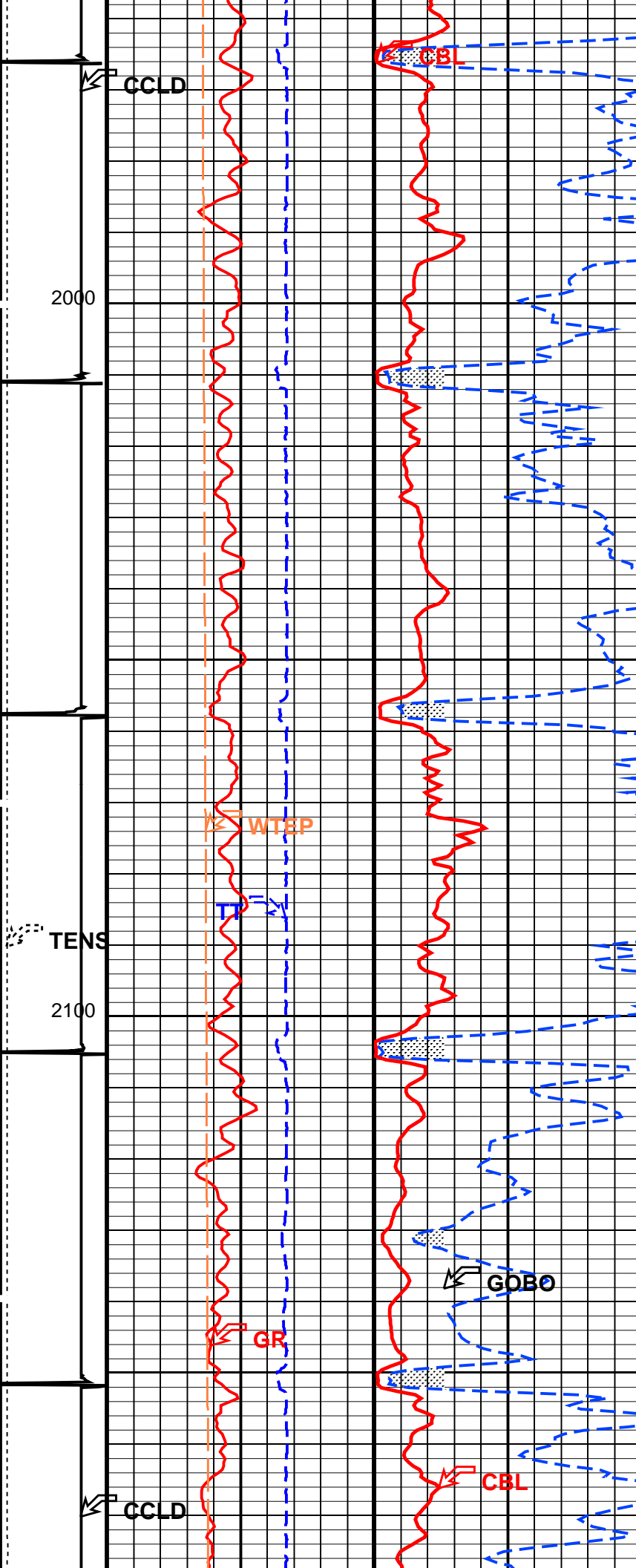




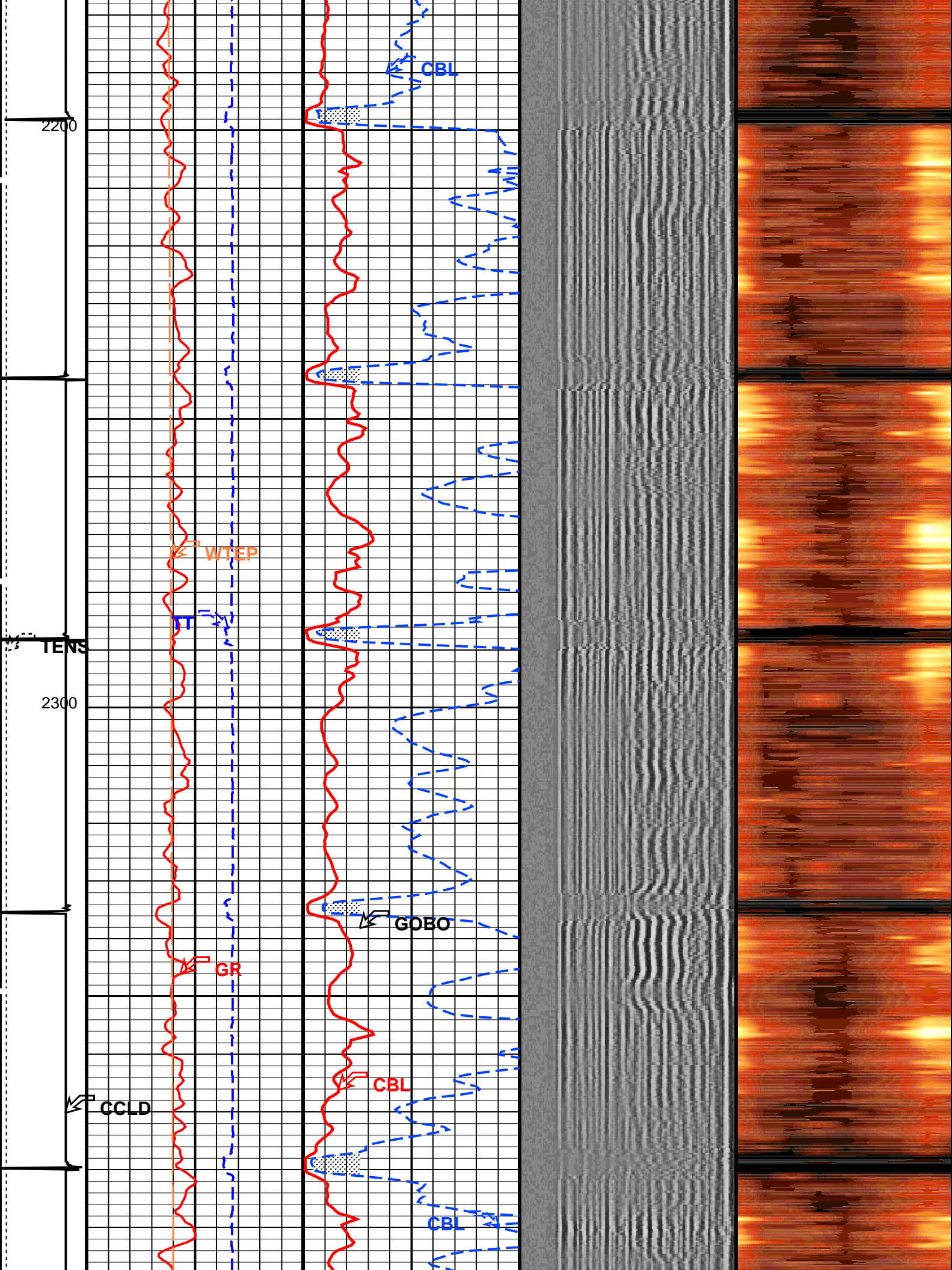


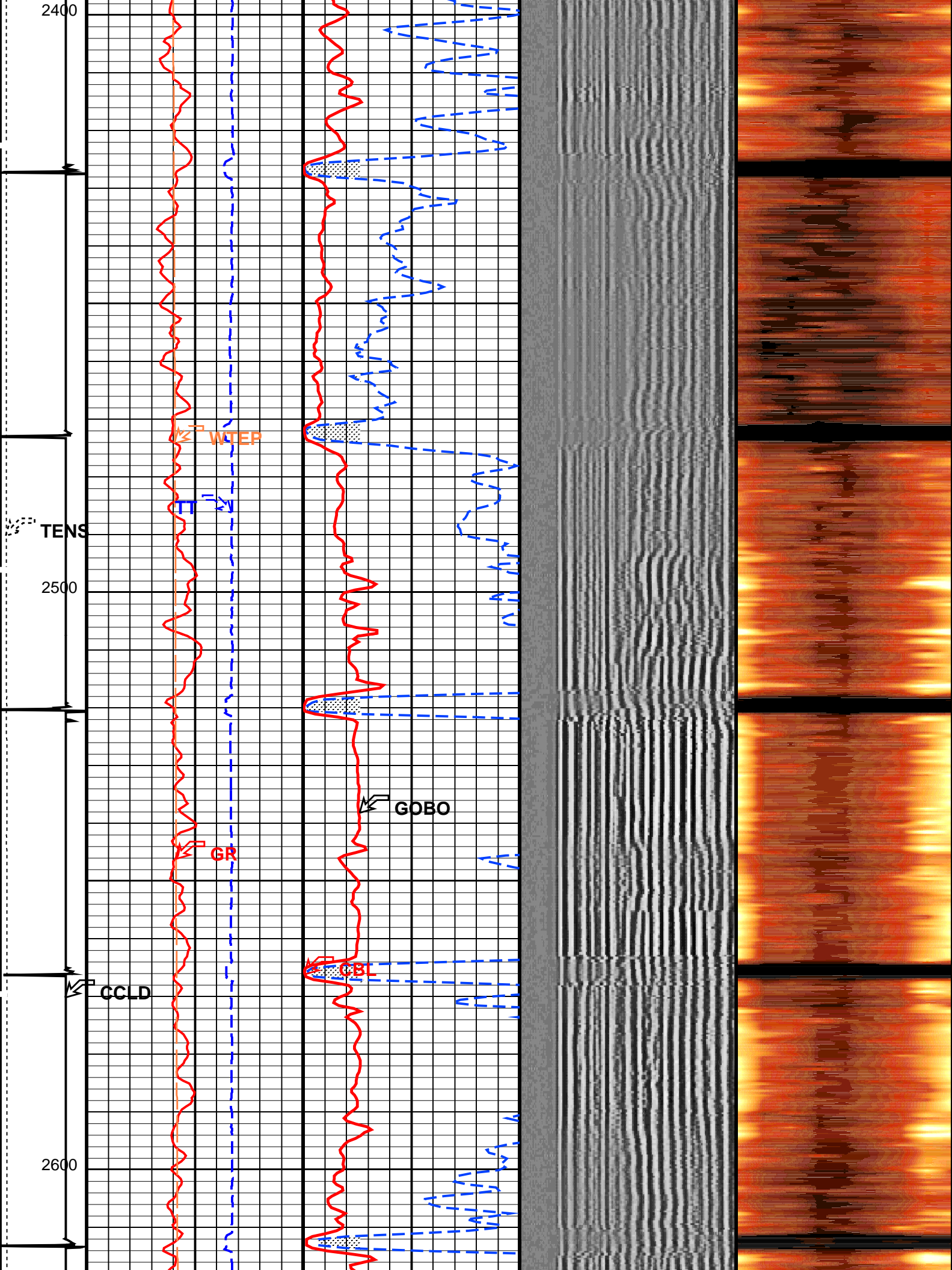




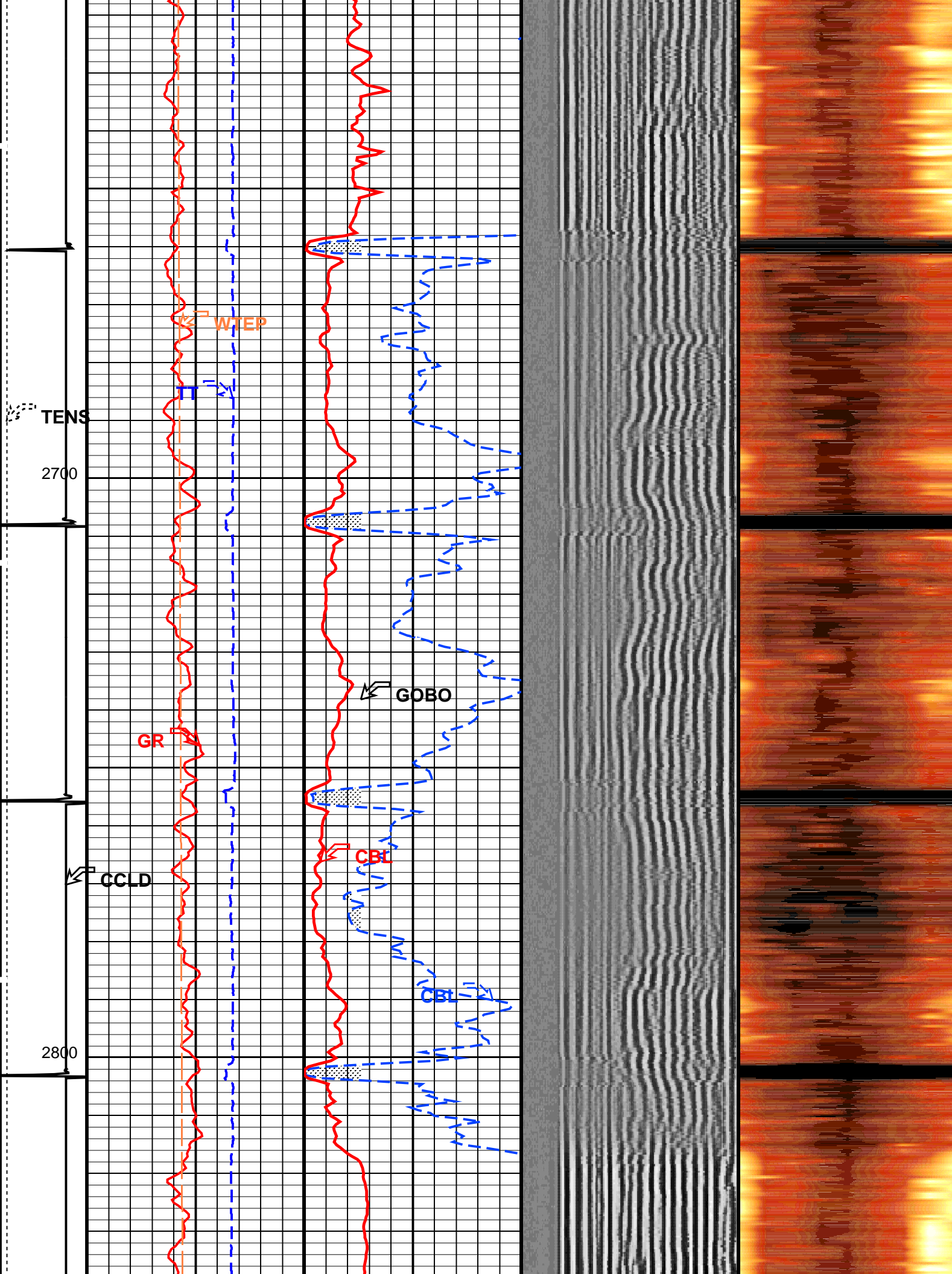


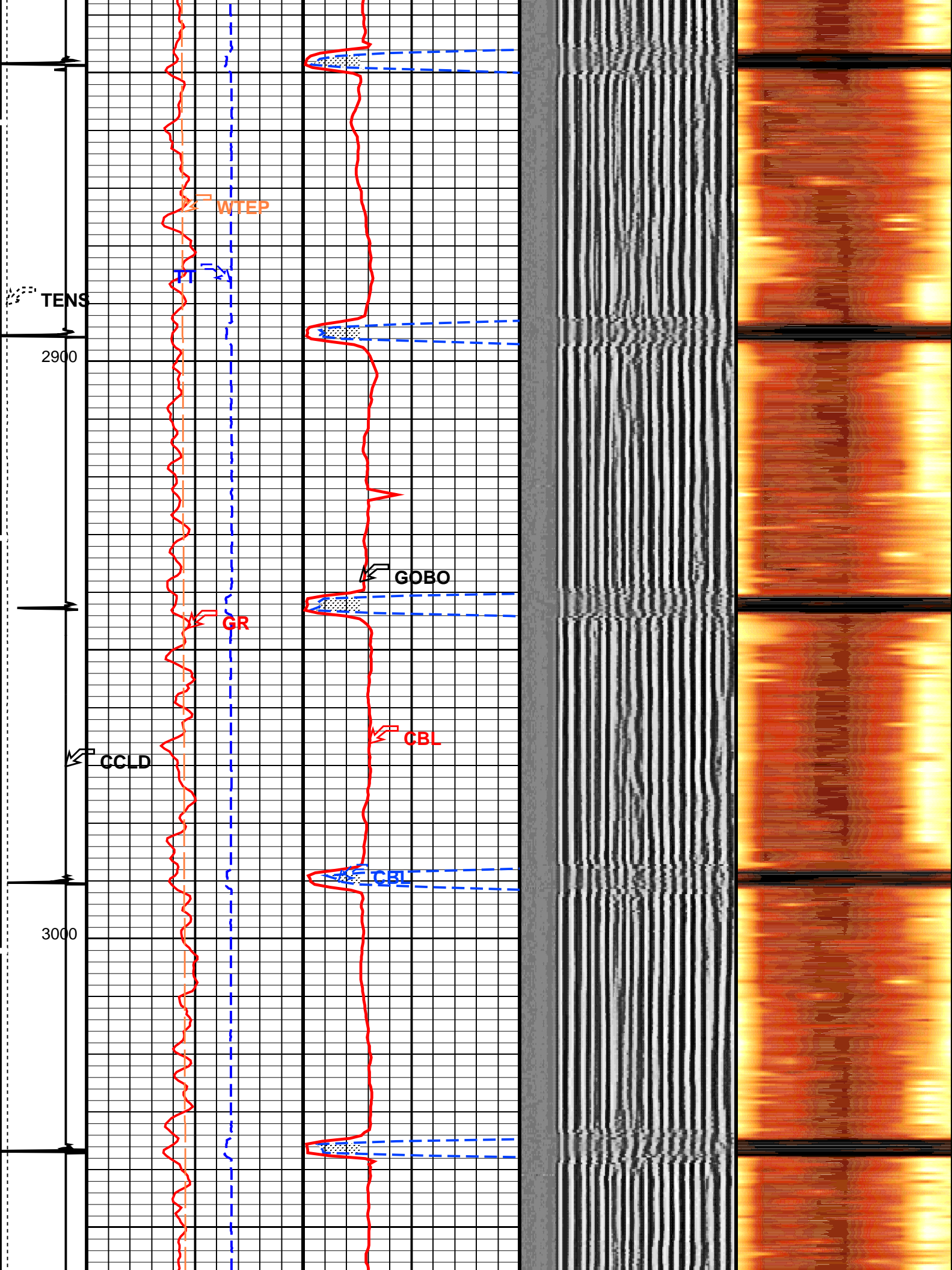




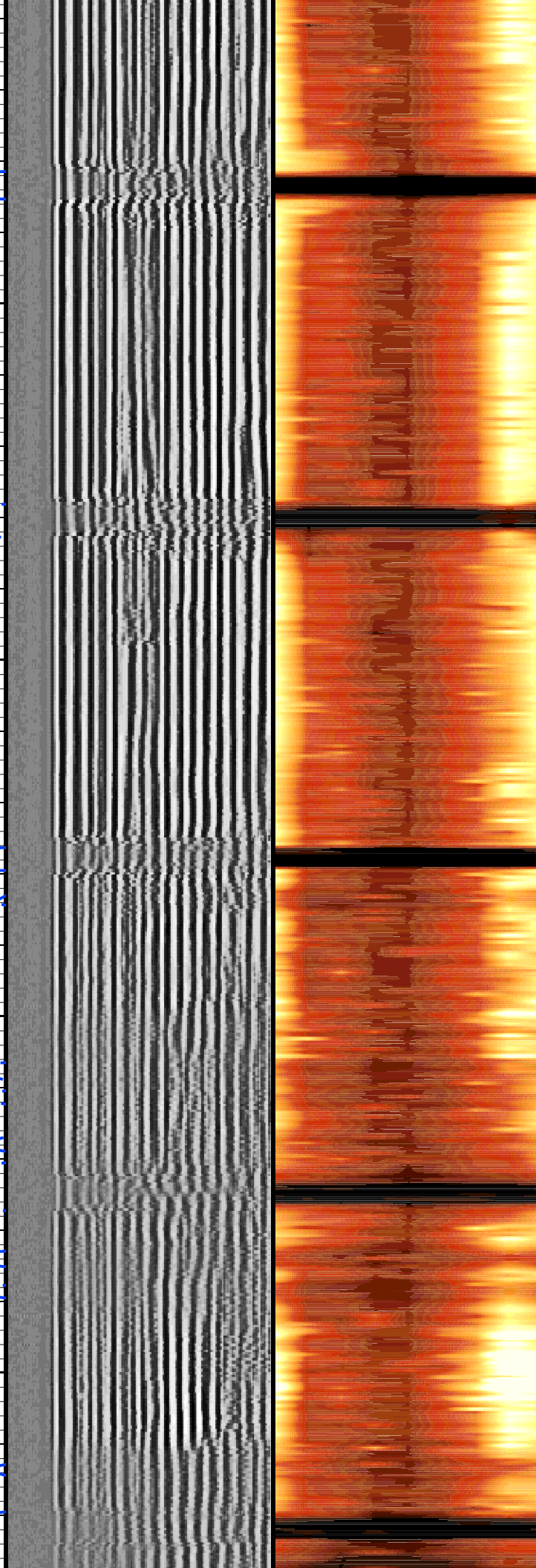
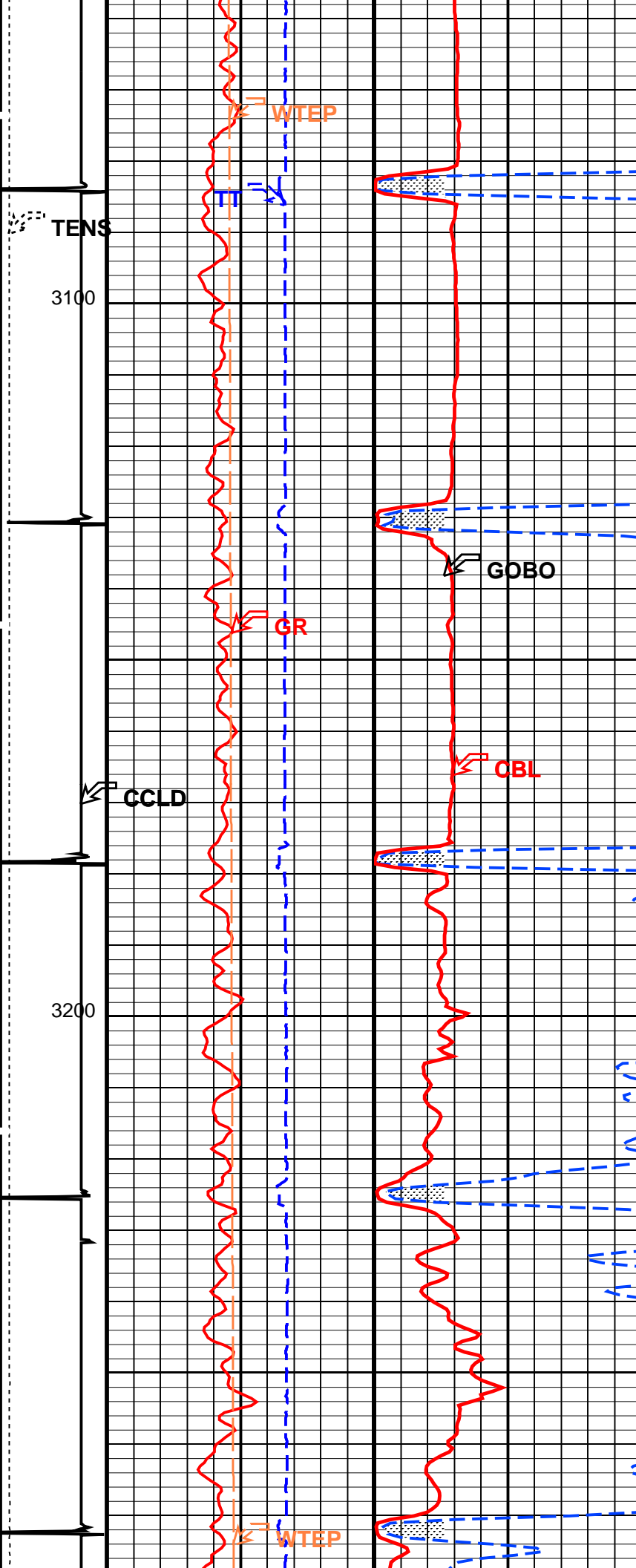


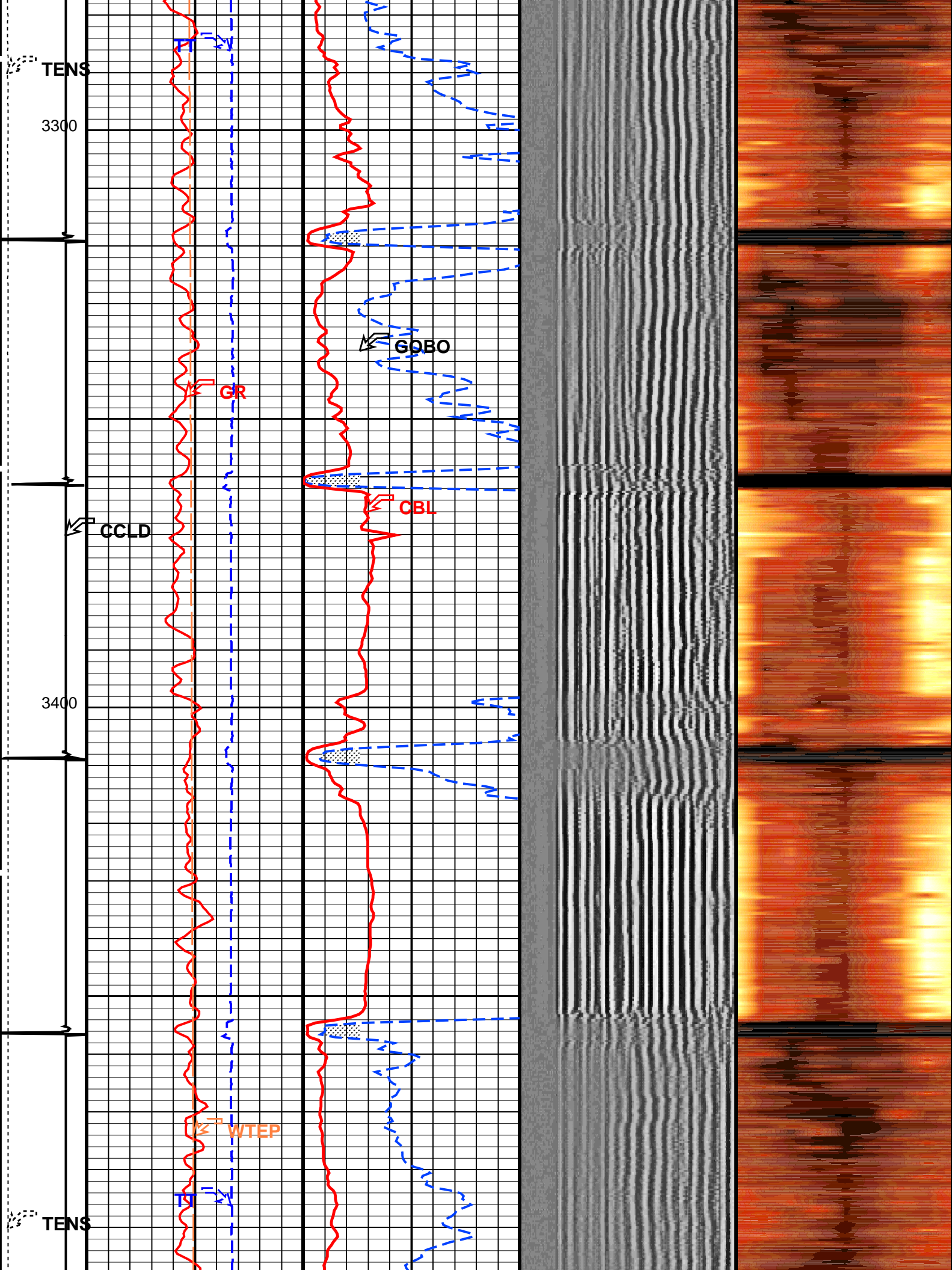




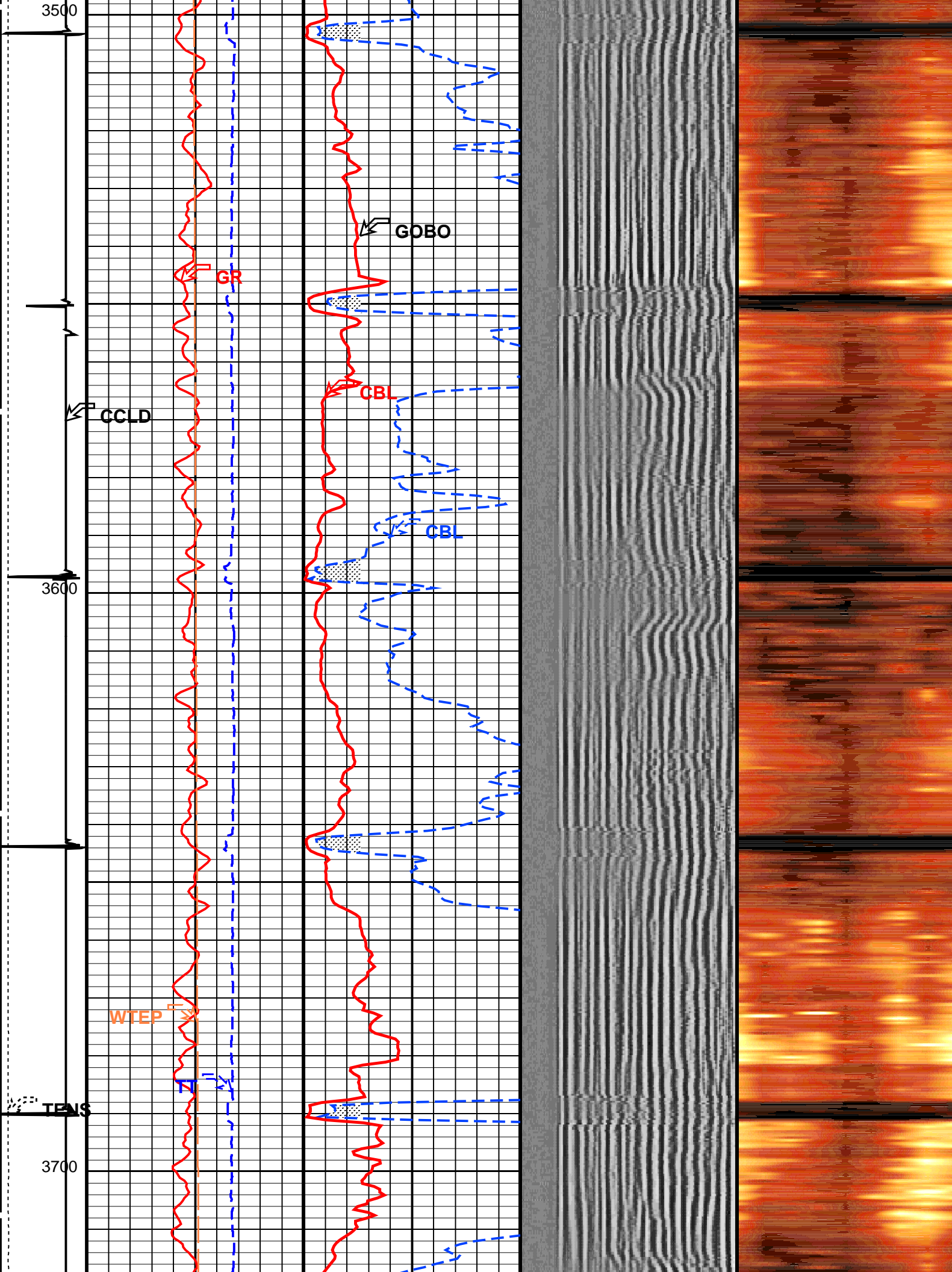


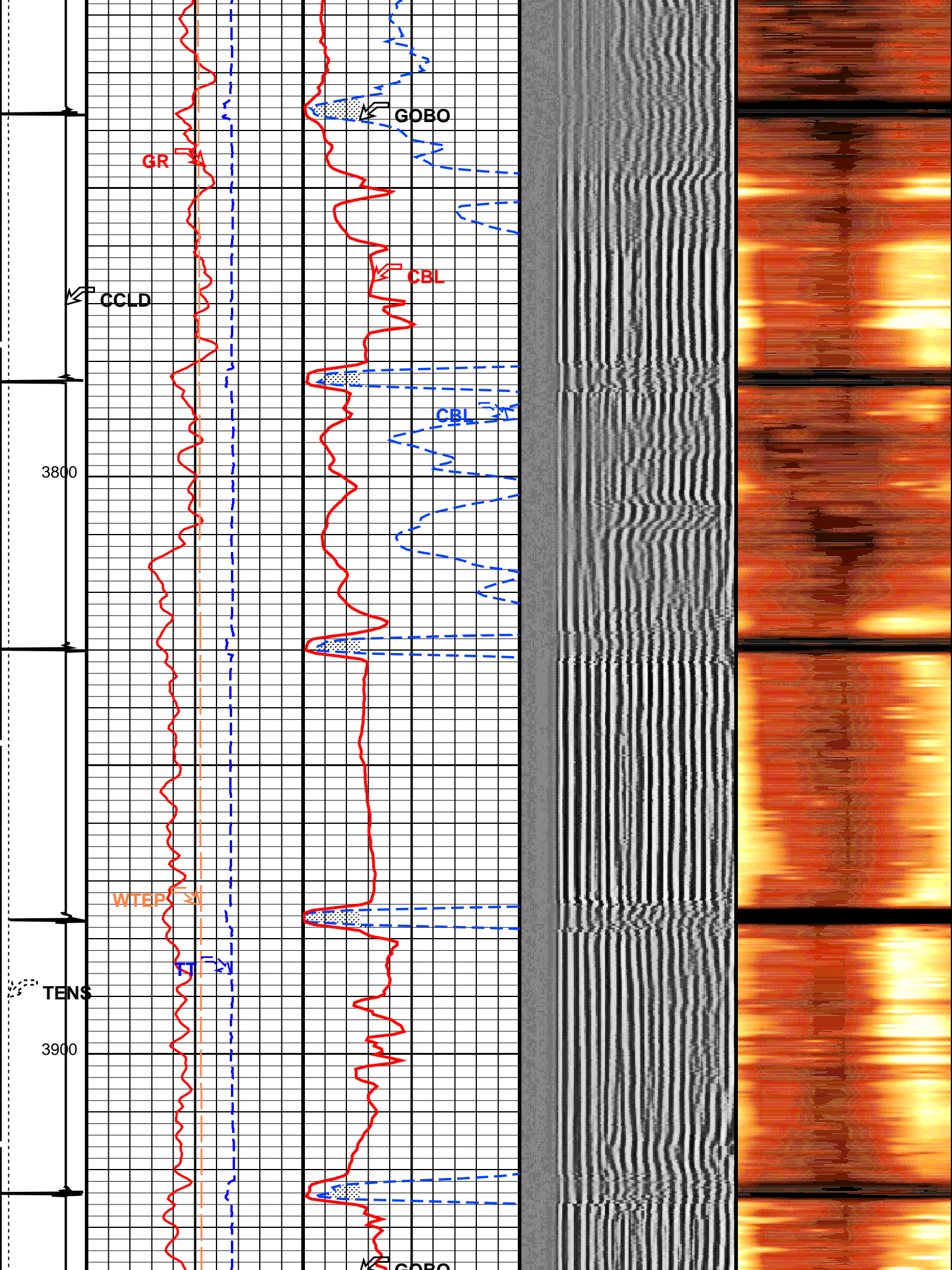




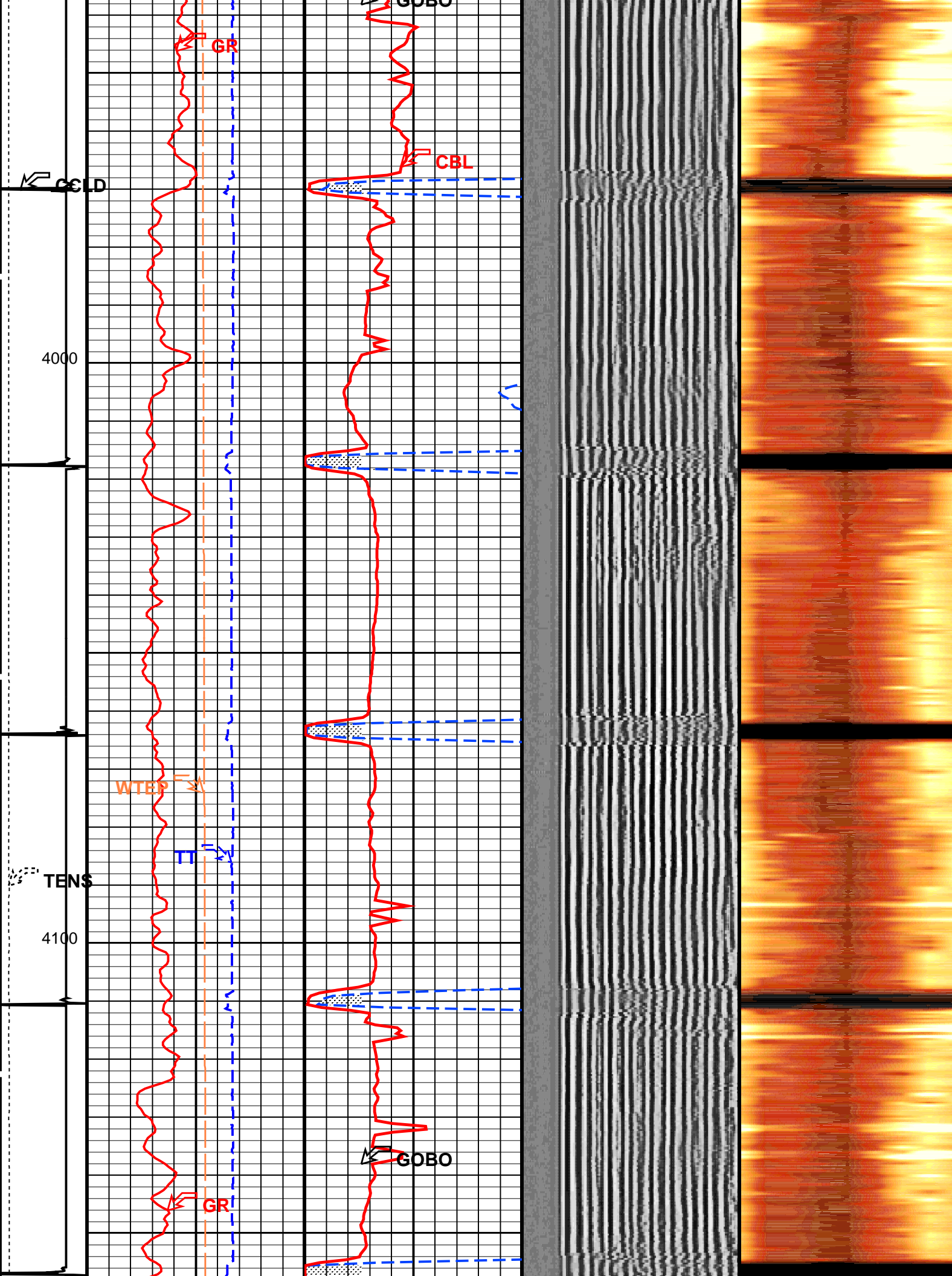


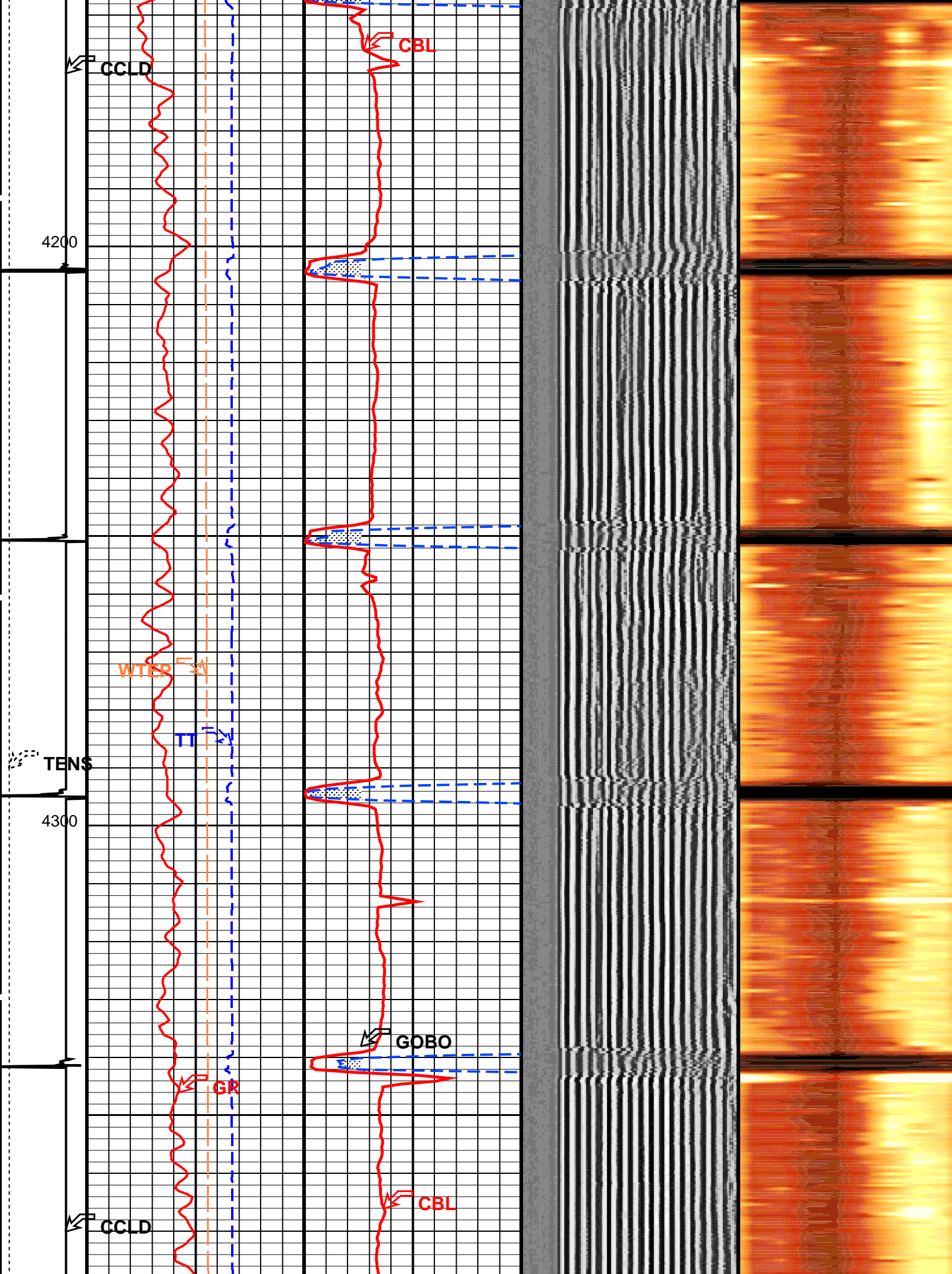




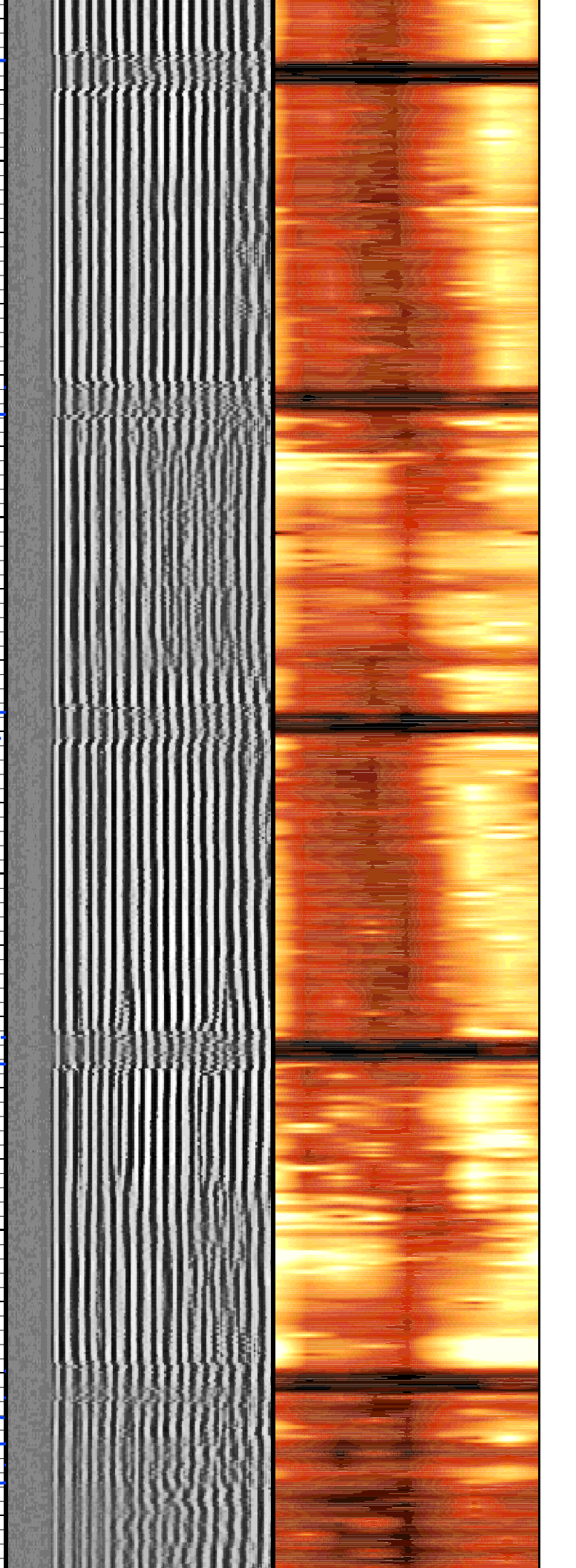
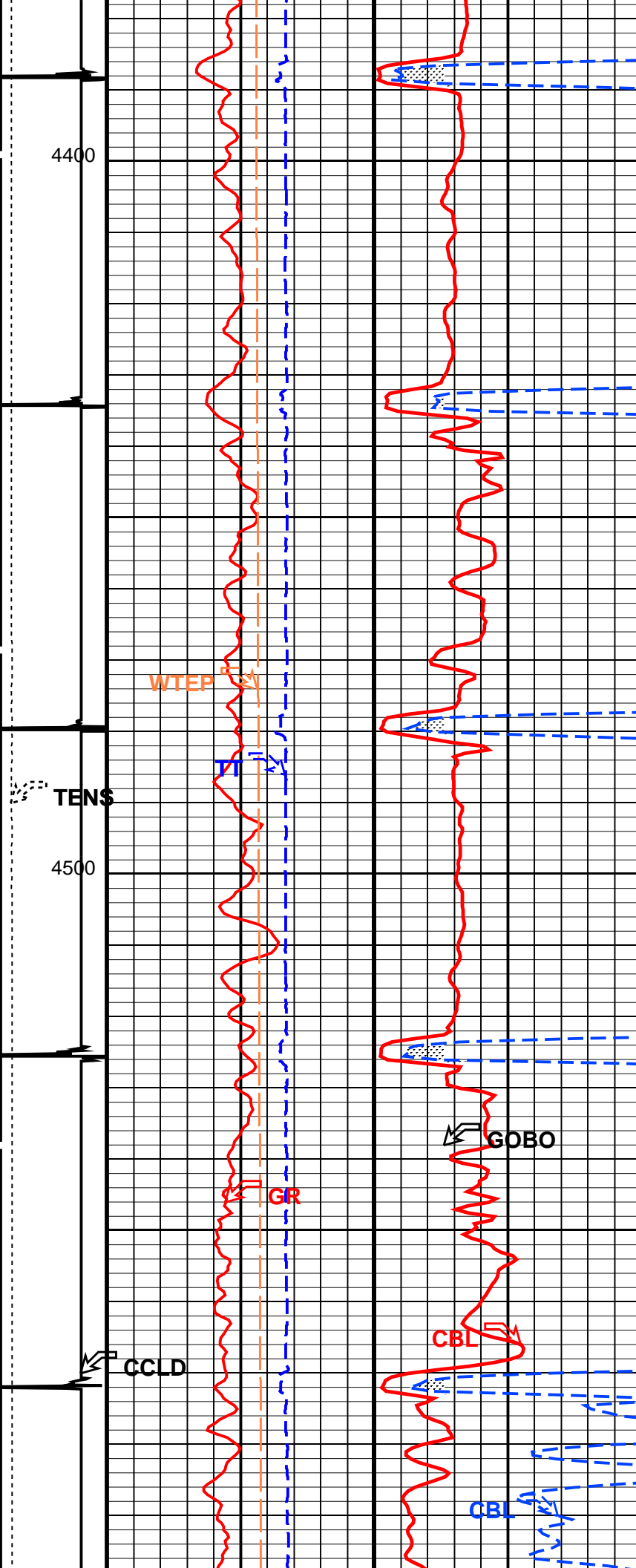


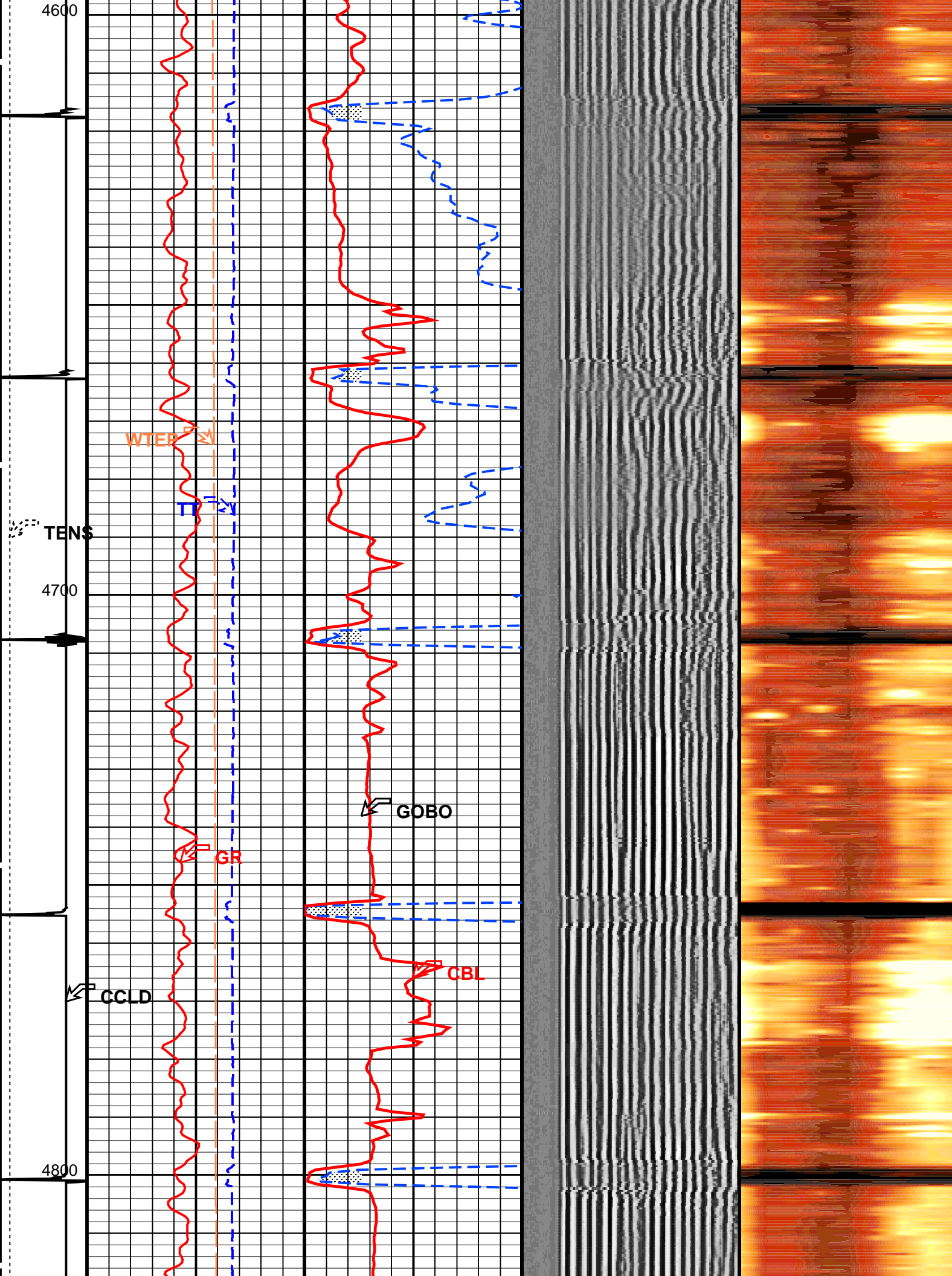




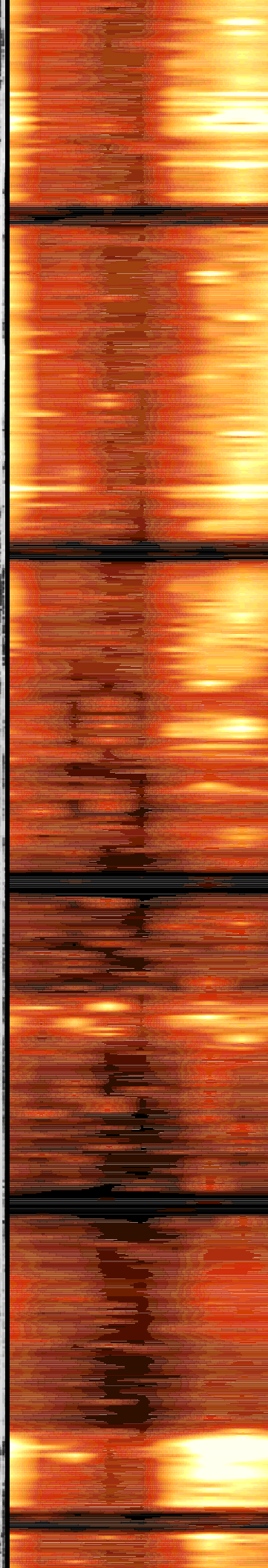
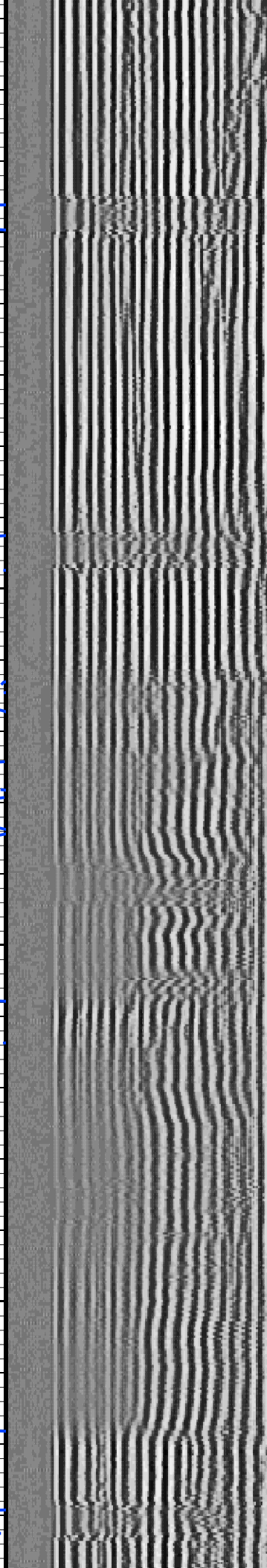
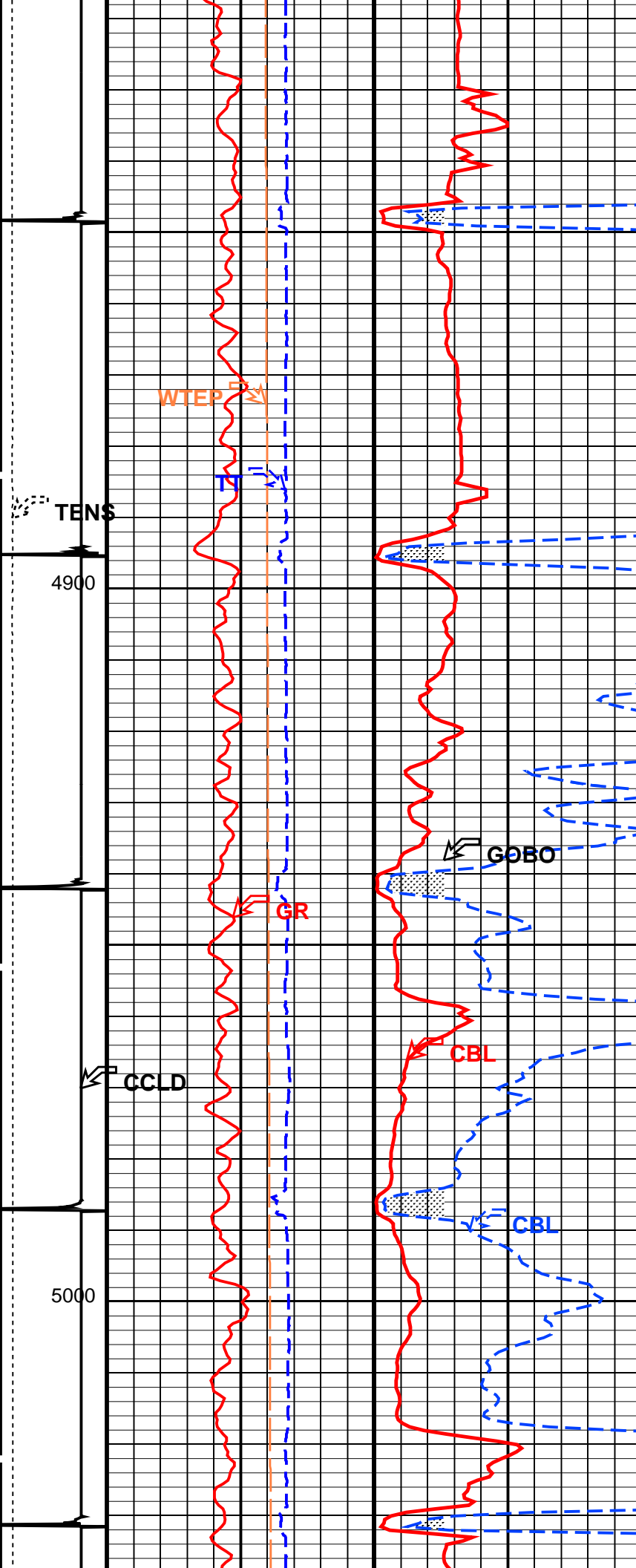


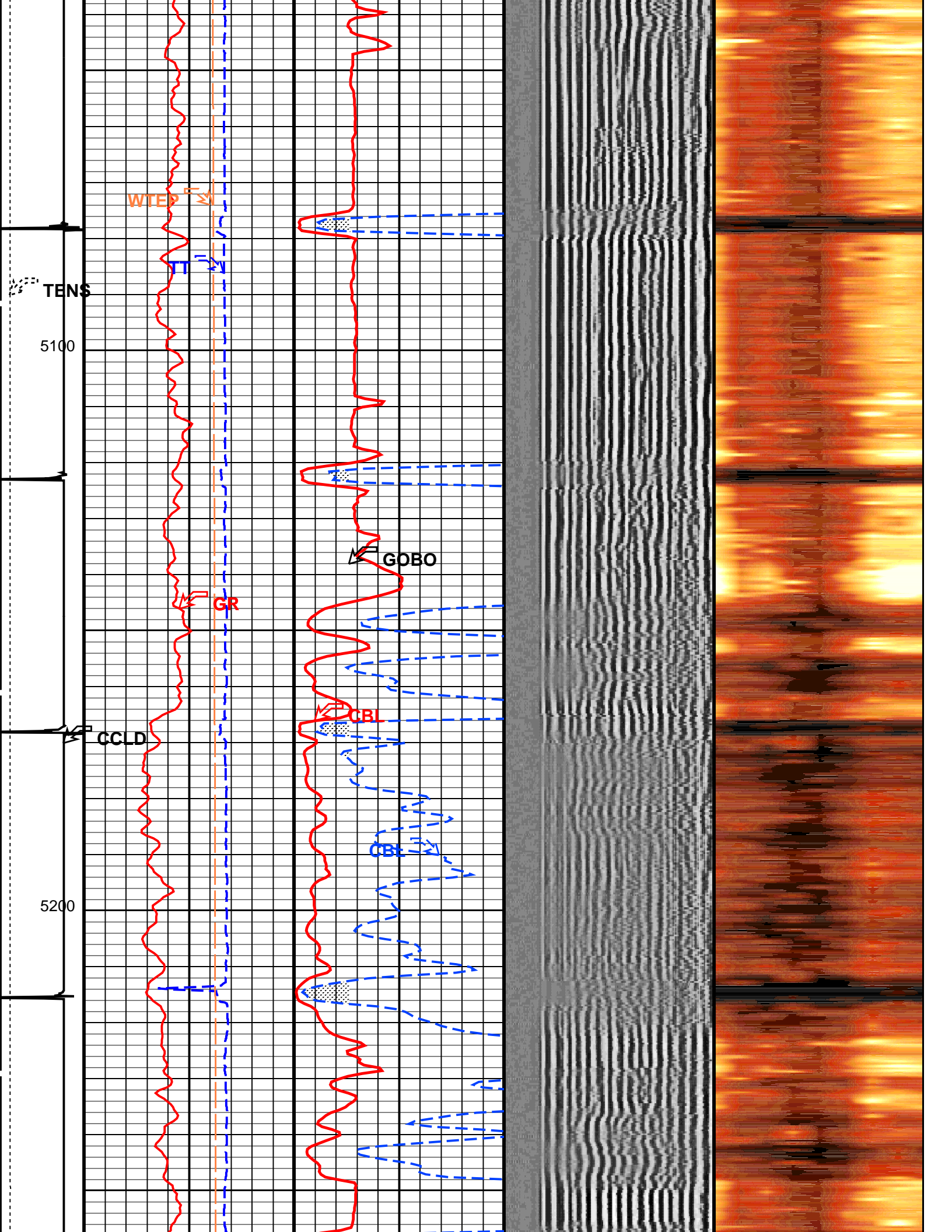




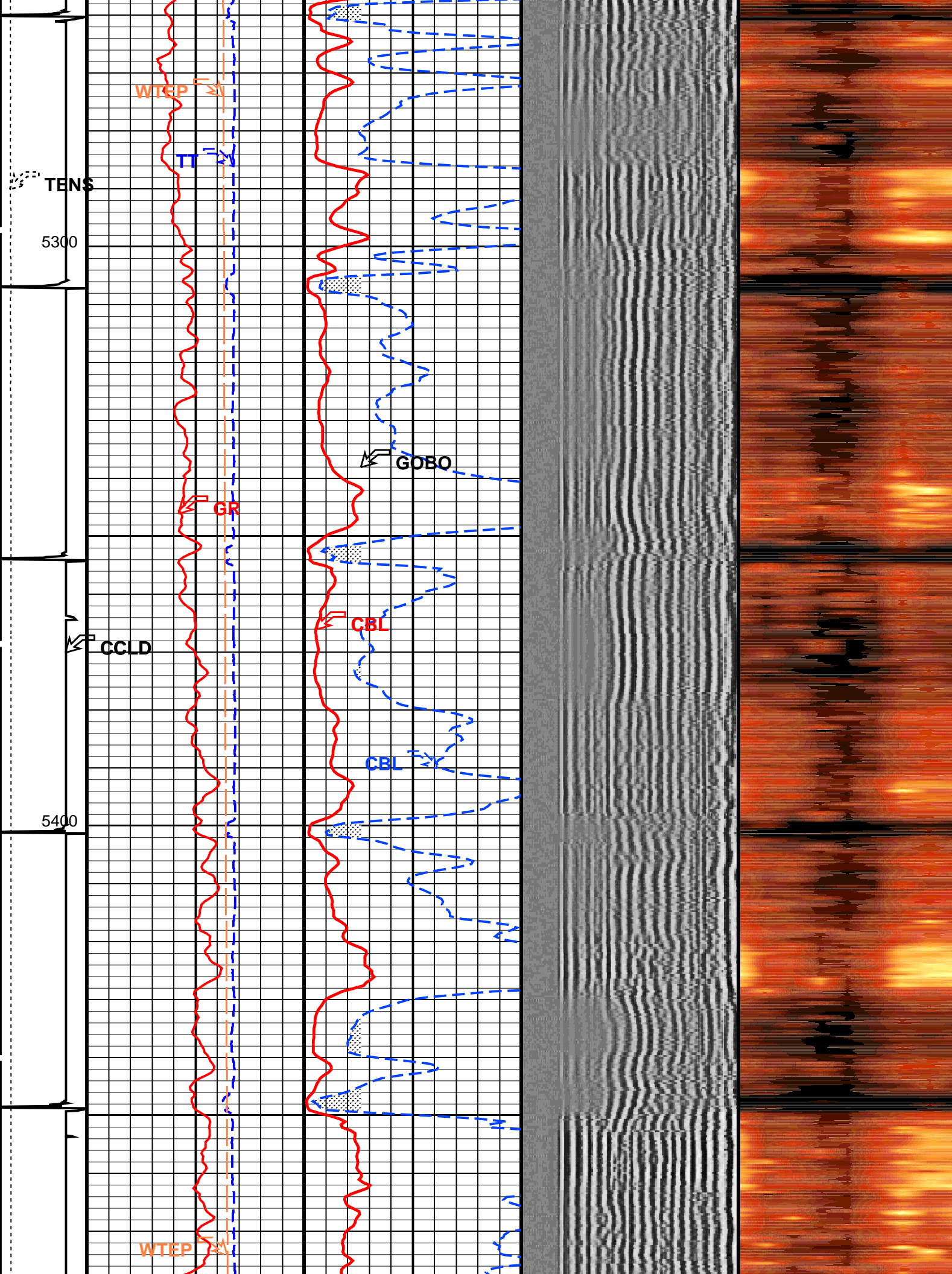


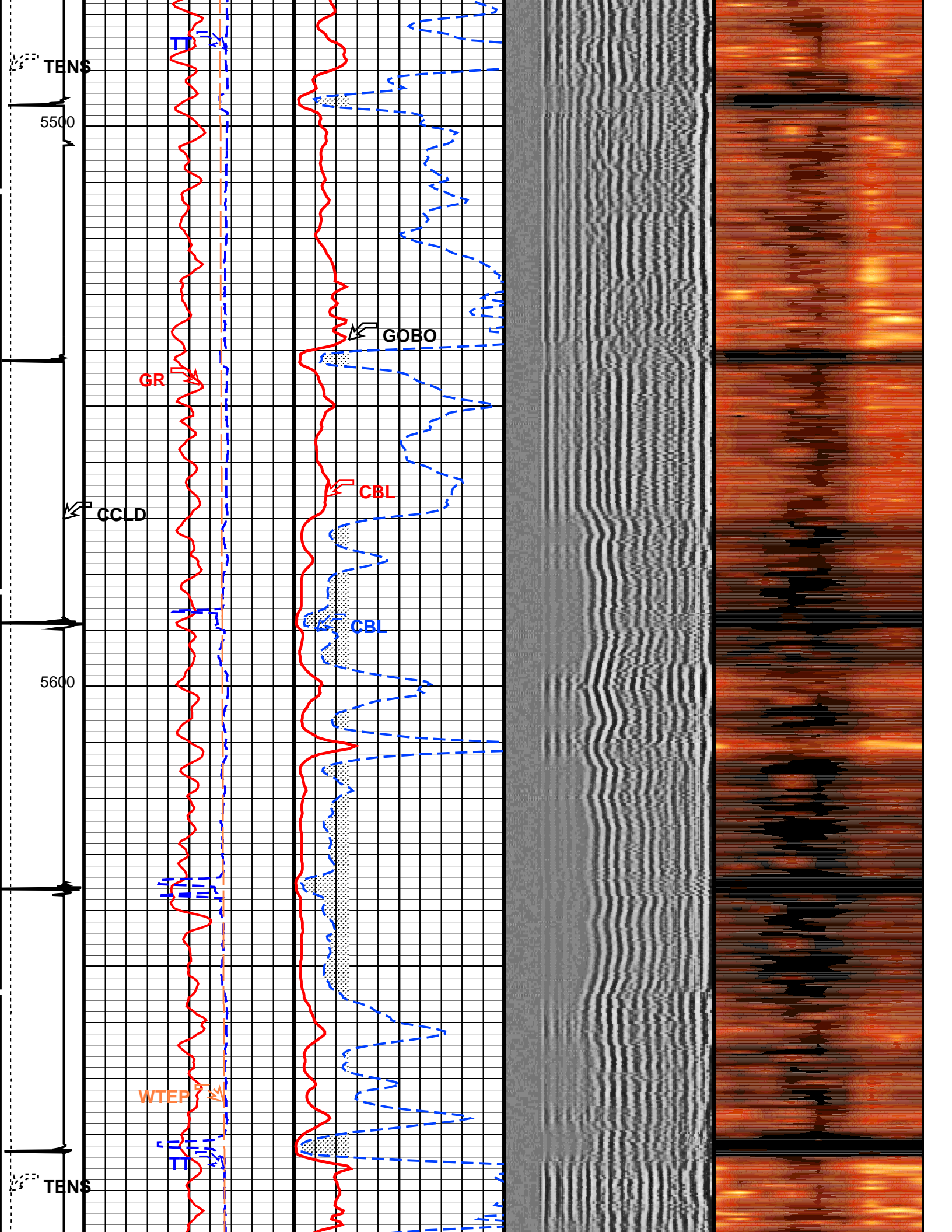




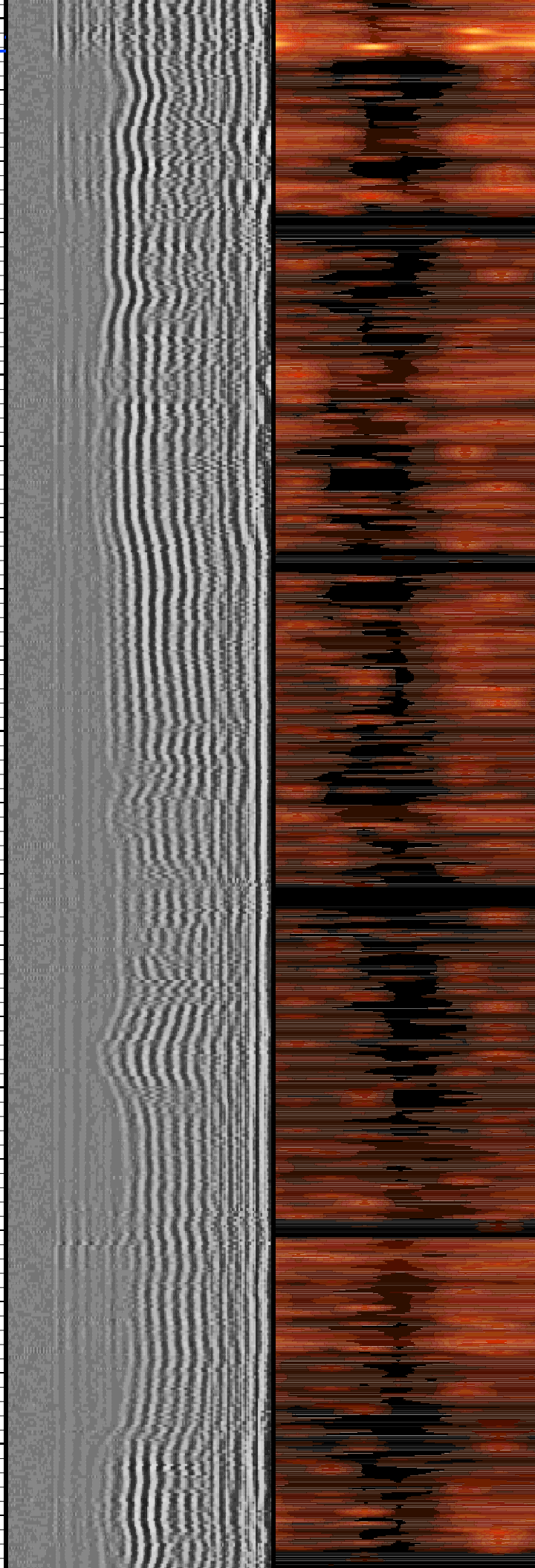
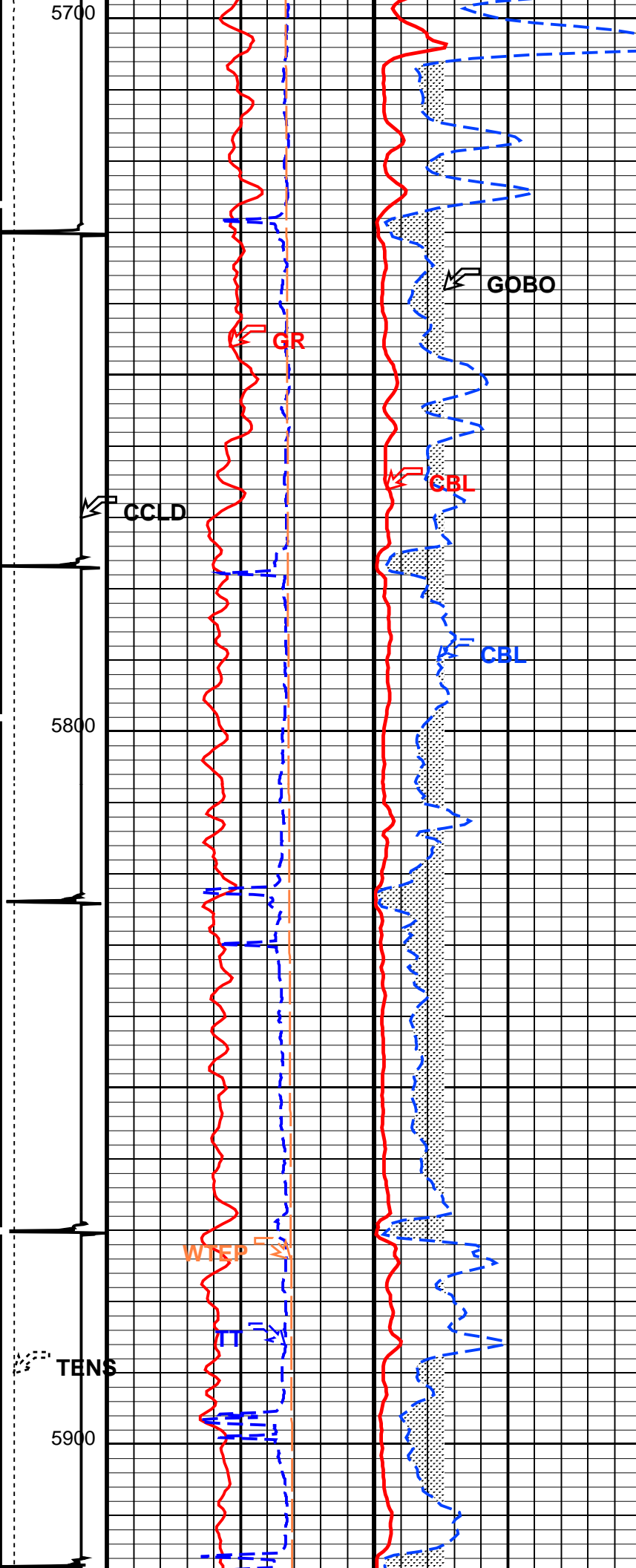


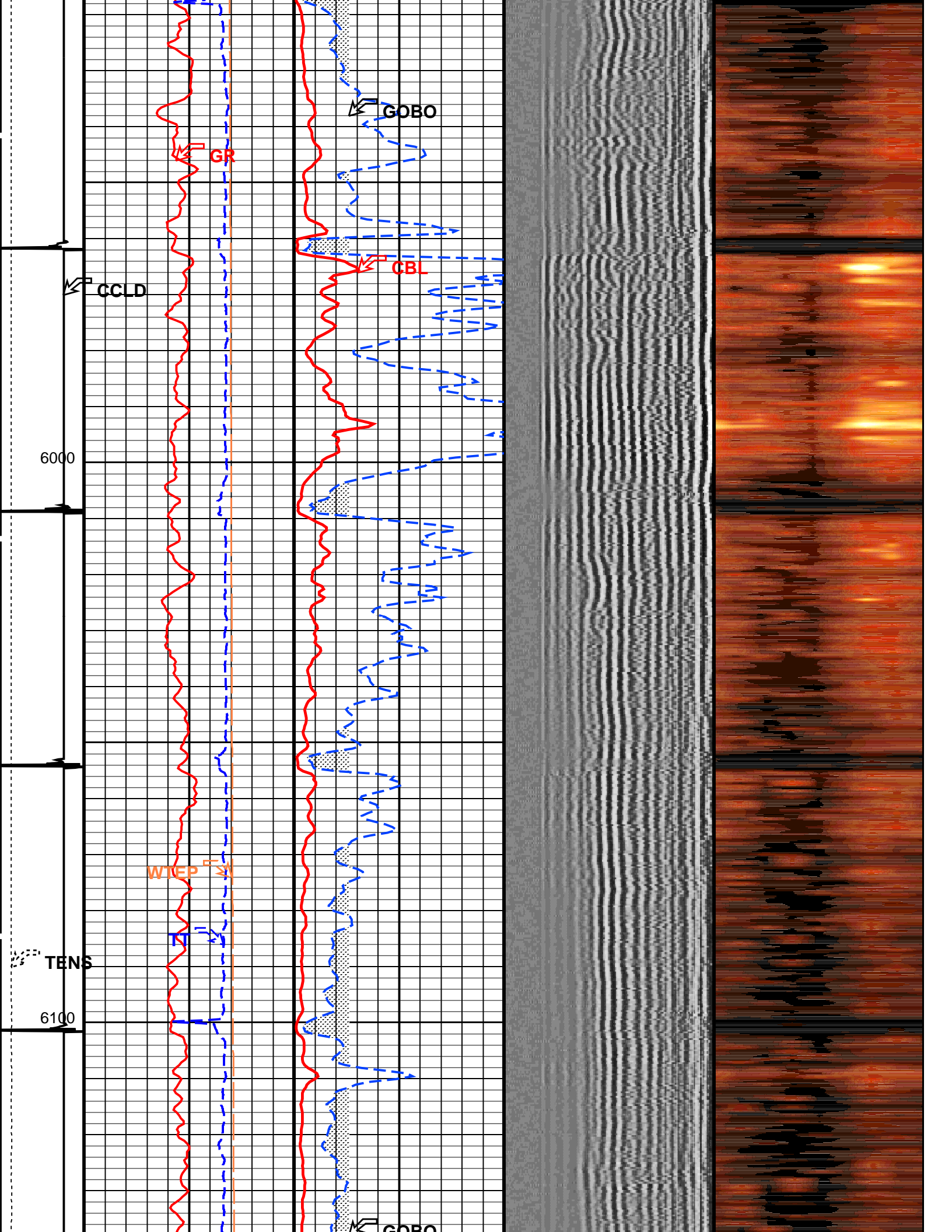


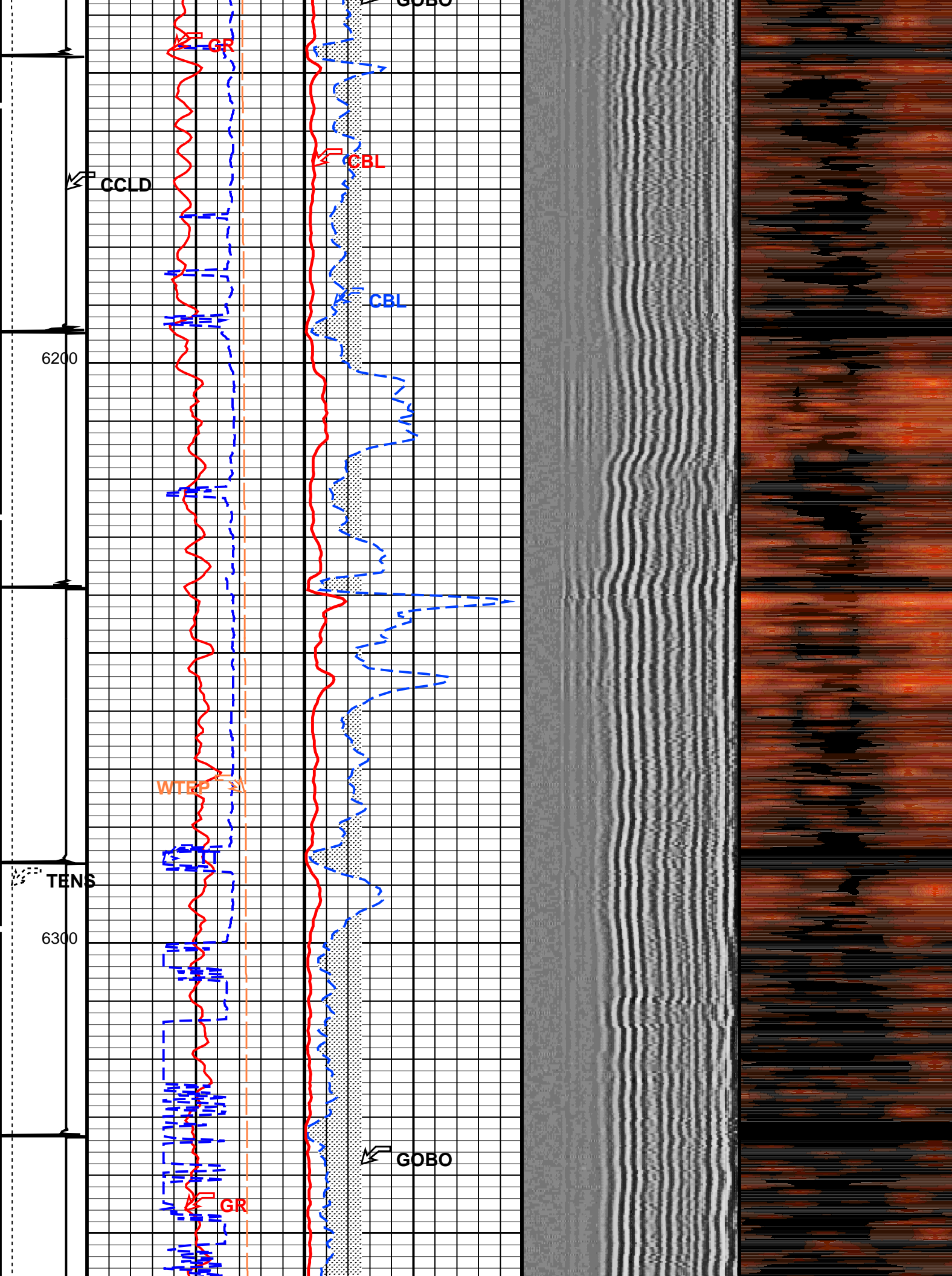




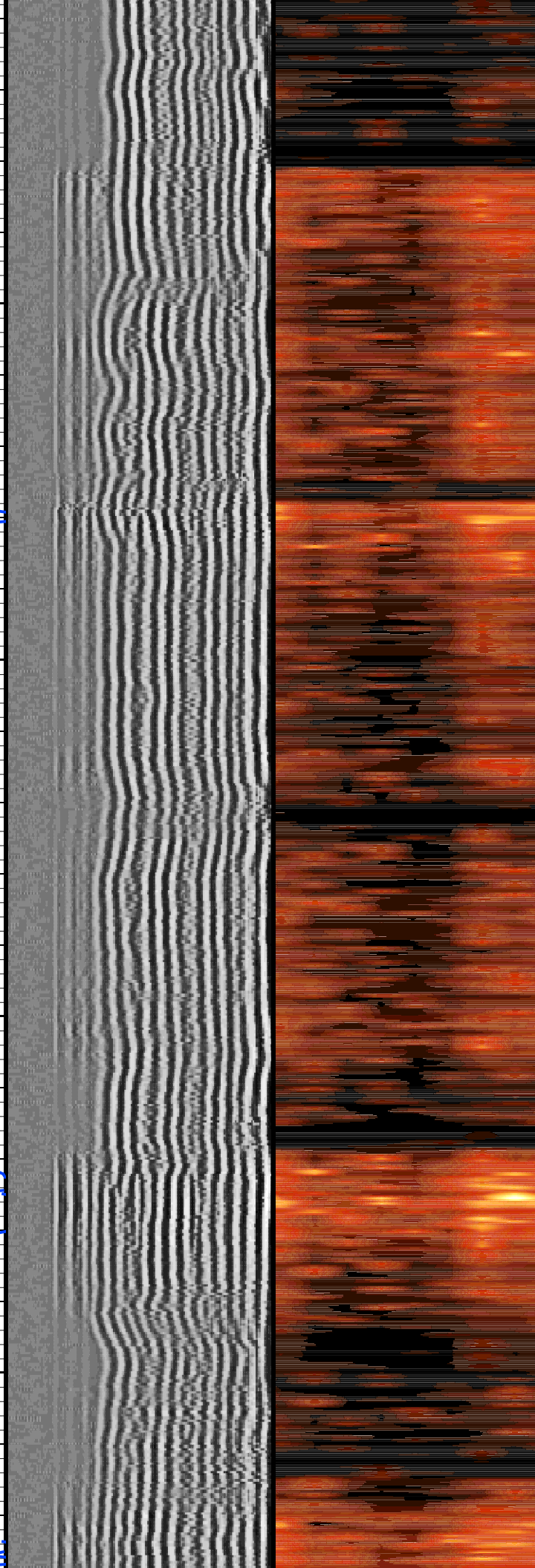
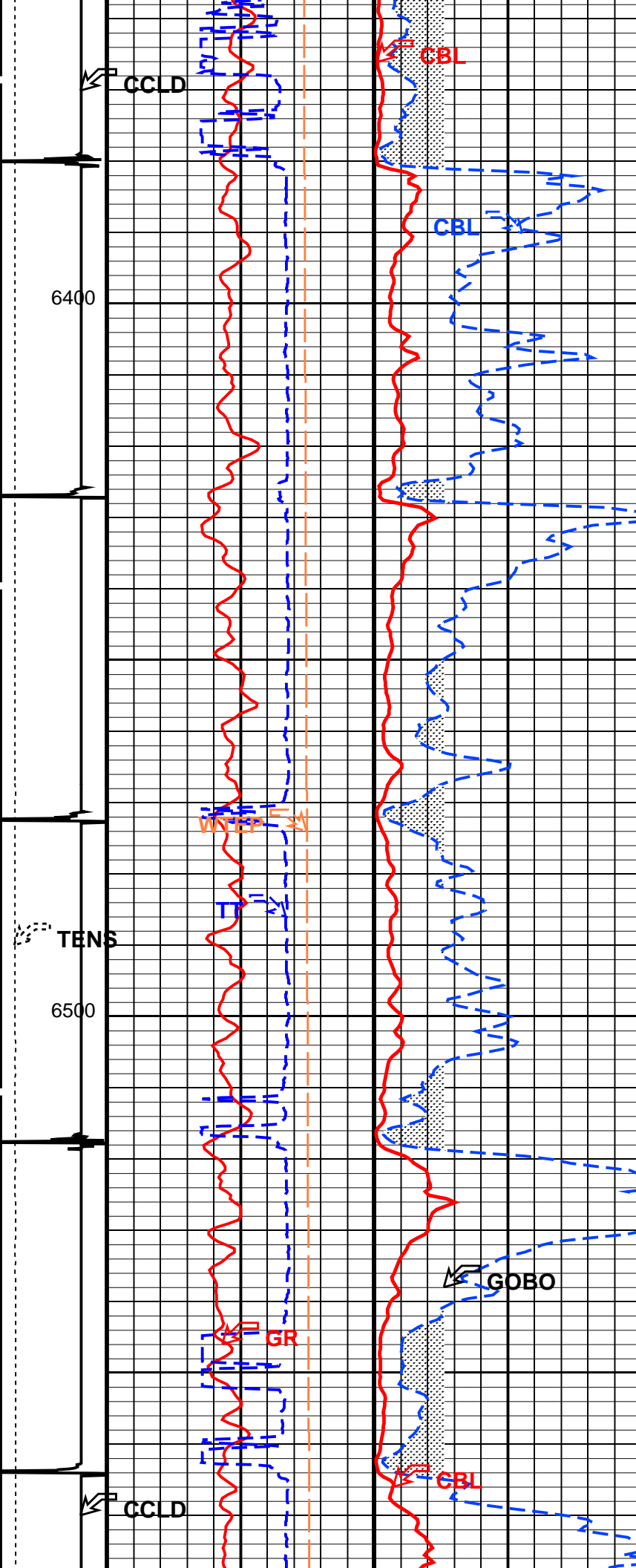


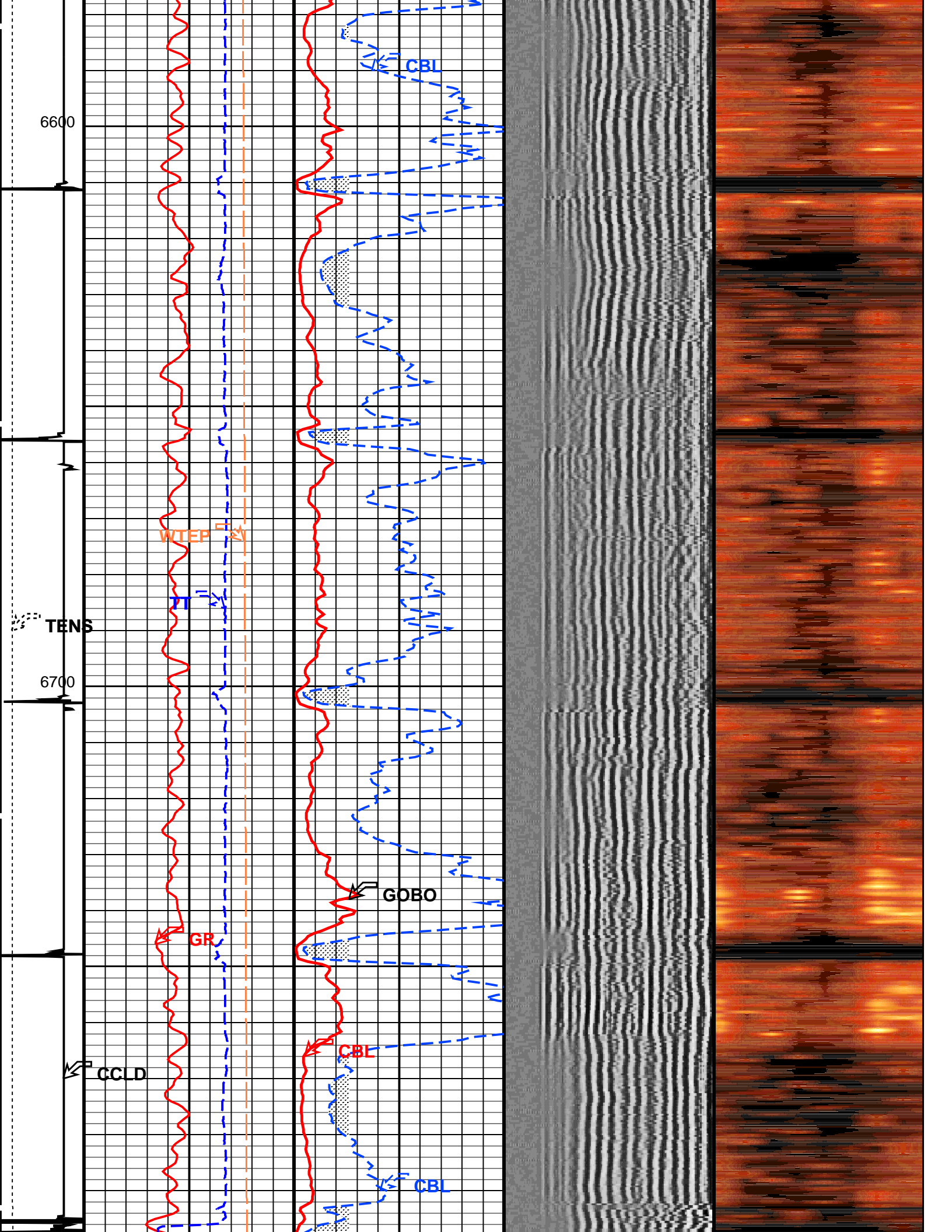




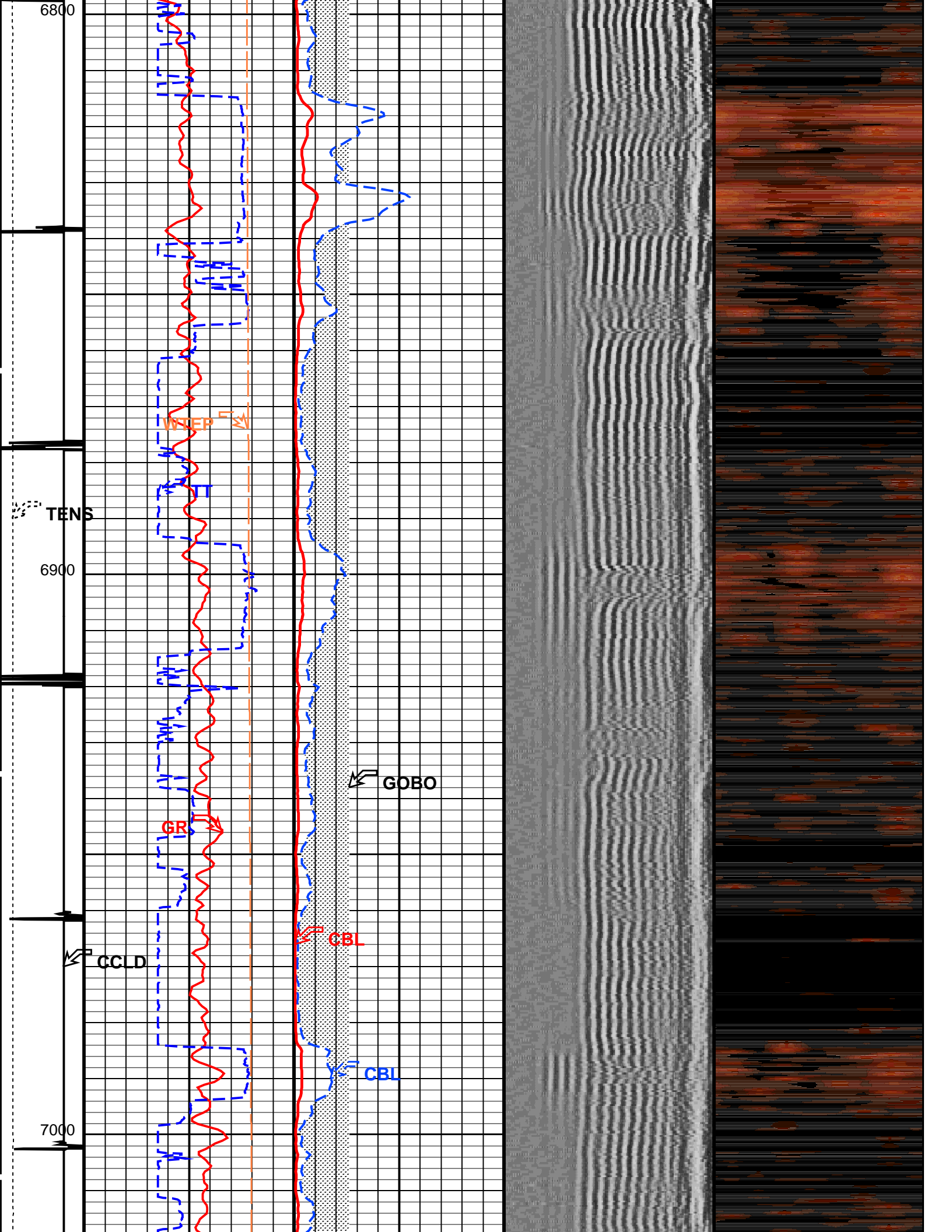




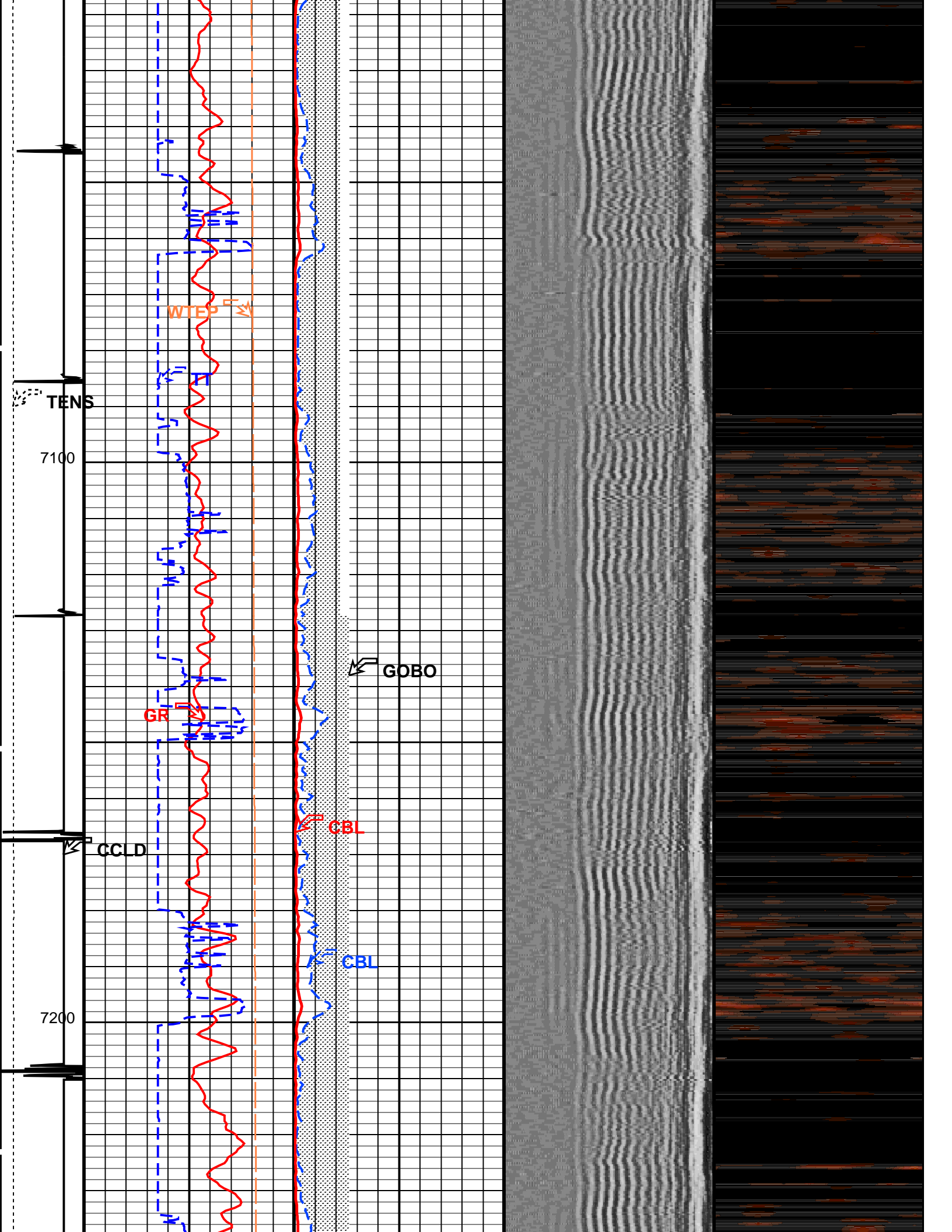


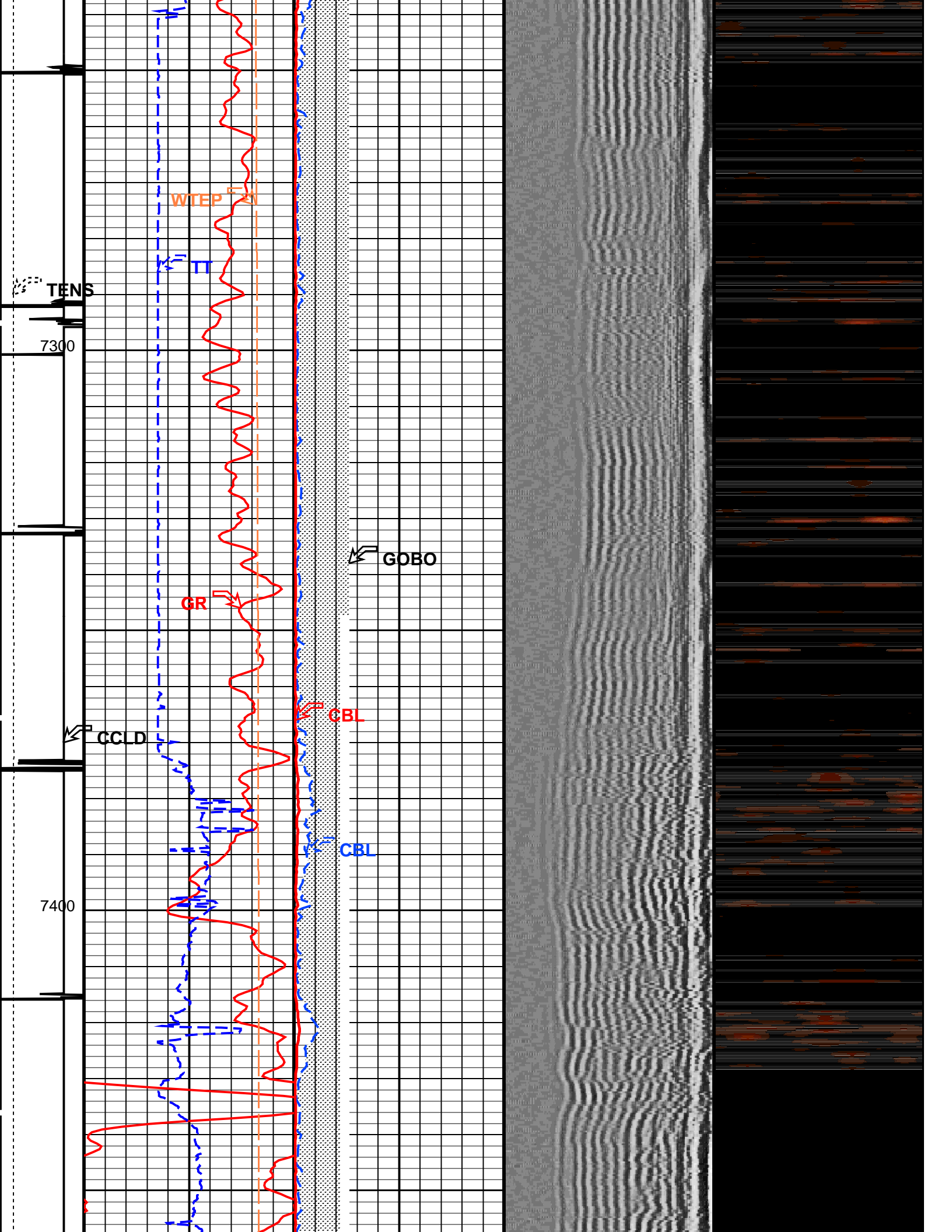


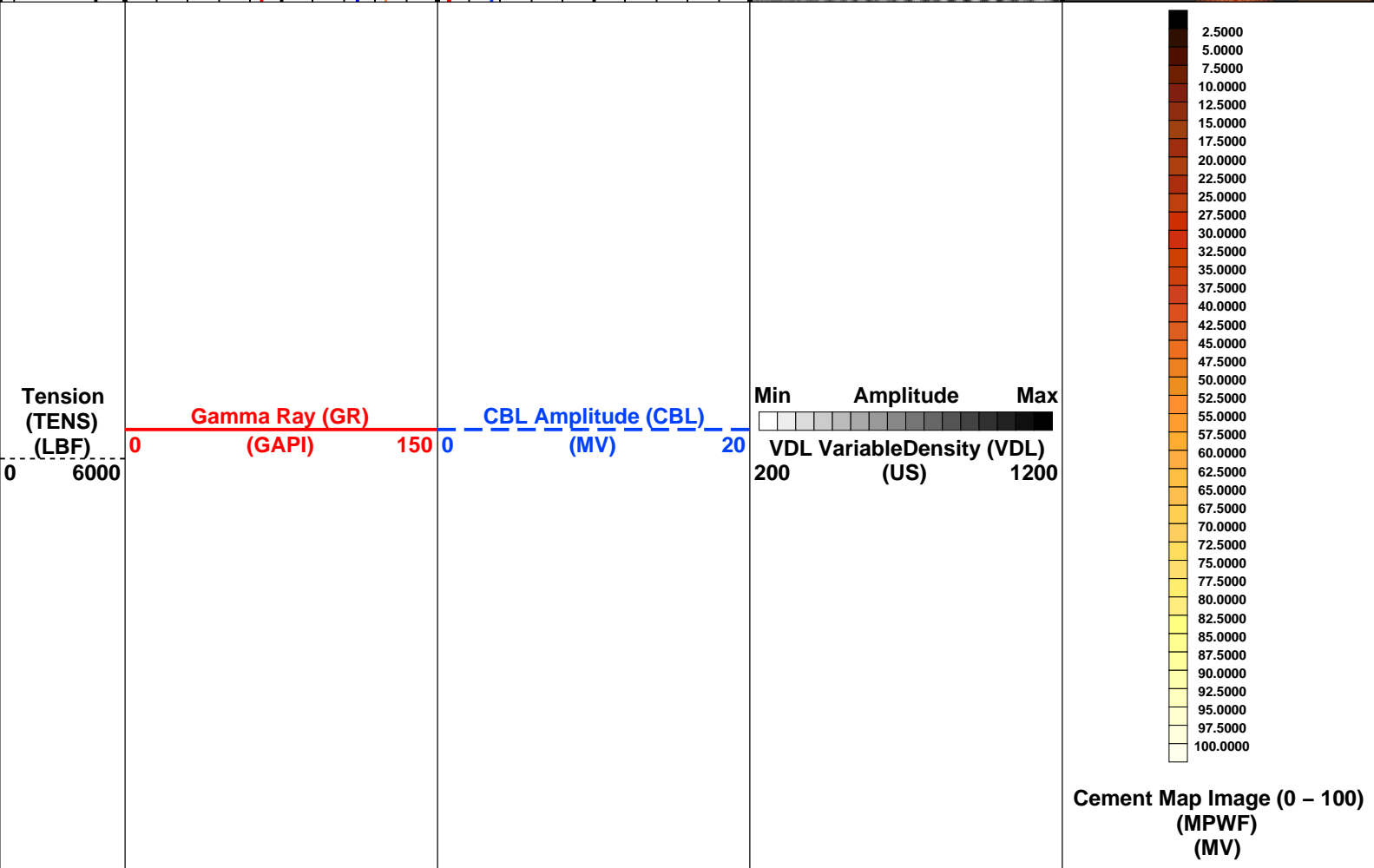
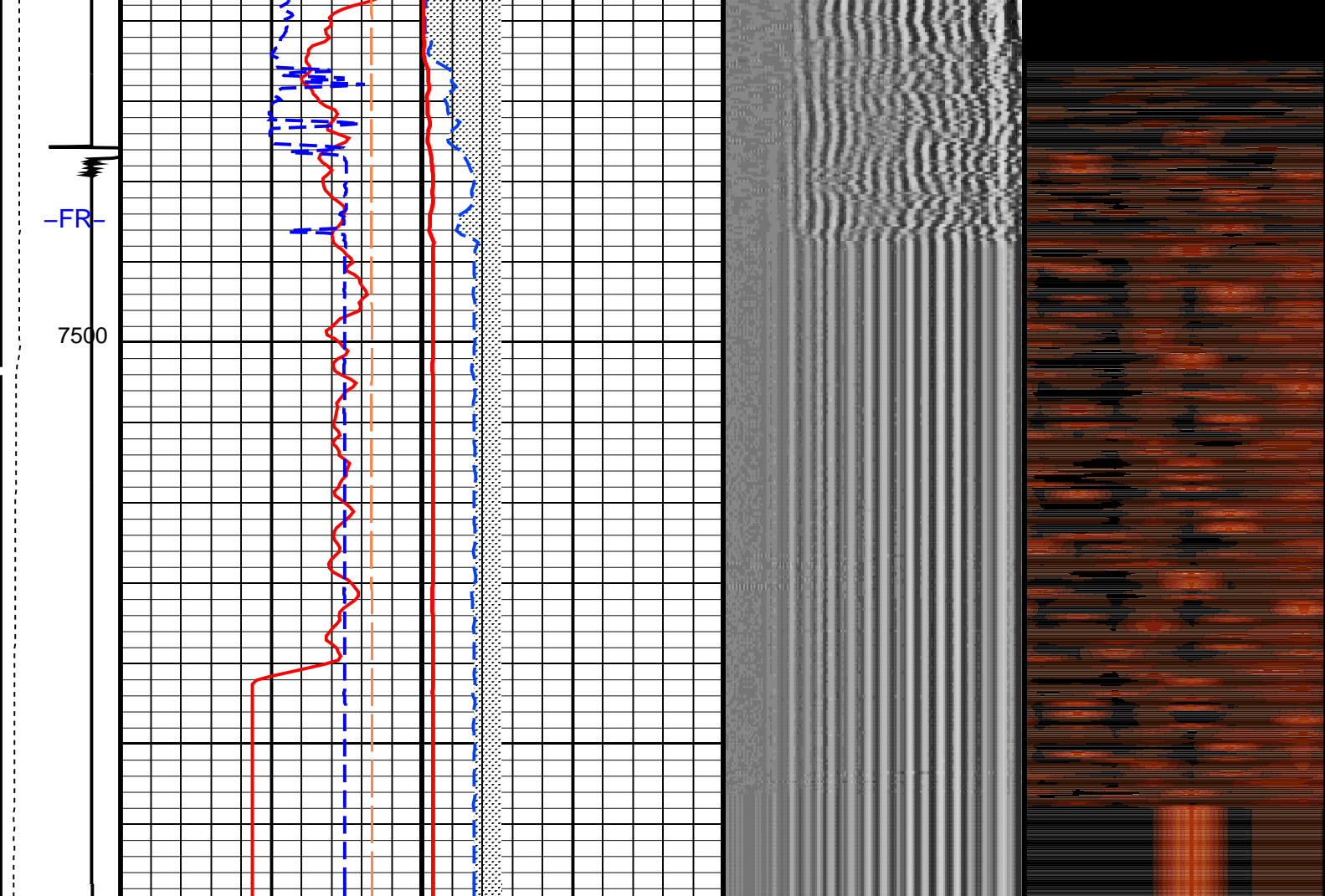














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State: **COLORADO**

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GAMMA RAY  
CASING COLLAR LOG