

Company: Alta Mesa Resources LP

Well: ML INVESTMENTS 3-10

Field: Willow

County: Payette State: Idaho

Slim Cement Mapping Tool

CBL - VDL

MAP

1376 FWL &amp; 3044 FNL

Elev.: K.B. 2263.00 ft

G.L. 2251.00 ft

D.F. 2263.00 ft

Location: Permanent Datum: Ground Level 2251.00 f

Log Measured From: Kelly Bushing 12.00 ft above Perm. Datum

Drilling Measured From: Kelly Bushing

API Serial No.

Section:

Township:

Range:

11-075-20031

10

8N

4W

Logging Date: 02-Jan-2018

Run Number: 1

Depth Drift: 5000.00 ft

Schlumberger Depth: 5000.00 ft

Bottom Log Interval: 4322.00 ft

Top Log Interval: 12.00 ft

Casing Fluid Type: Potassium Chloride

Salinity:

Density: 9.1 lbm/gal

Fluid Level: 8.00 ft

BIT/CASING/TUBING STRING

Bit Size: 8.50 in

From: 12.00 ft

To: 5000.00 ft

Casing/Tubing Size: 5.5 in

Weight: 17 lbm/ft

Grade: N/A

From: 12.00 ft

To: 5000.00 ft

Max Recorded Temperatures: 244 degF

Logger on Bottom: 02-Jan-2018 14:06:00

Unit Number: 3046 Location: Evanston, WY

Recorded By: Trevor Ellis

Witnessed By: Clint Harman

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## 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

1. Header
2. Disclaimer
3. Contents
4. Well Sketch
5. Remarks and Equipment Summary
6. Depth Summary
7. 1 MAIN PASS 1650 PSI
  - 7.1 Integration Summary
  - 7.2 Software Version
  - 7.3 Composite Summary
  - 7.4 Log ( SCMT\_VDL\_Image )
  - 7.5 Parameter Listing
8. 1 MAIN PASS 0 PSI
  - 8.1 Integration Summary
  - 8.2 Software Version
  - 8.3 Composite Summary
  - 8.4 Log ( SCMT\_VDL\_Image )
10. Calibration Report
11. Tail

8.5 Parameter Listing

9. 1 REPEAT PASS

9.1 Integration Summary

9.2 Software Version

9.3 Composite Summary

9.4 Log ( SCMT\_VDL\_Image )

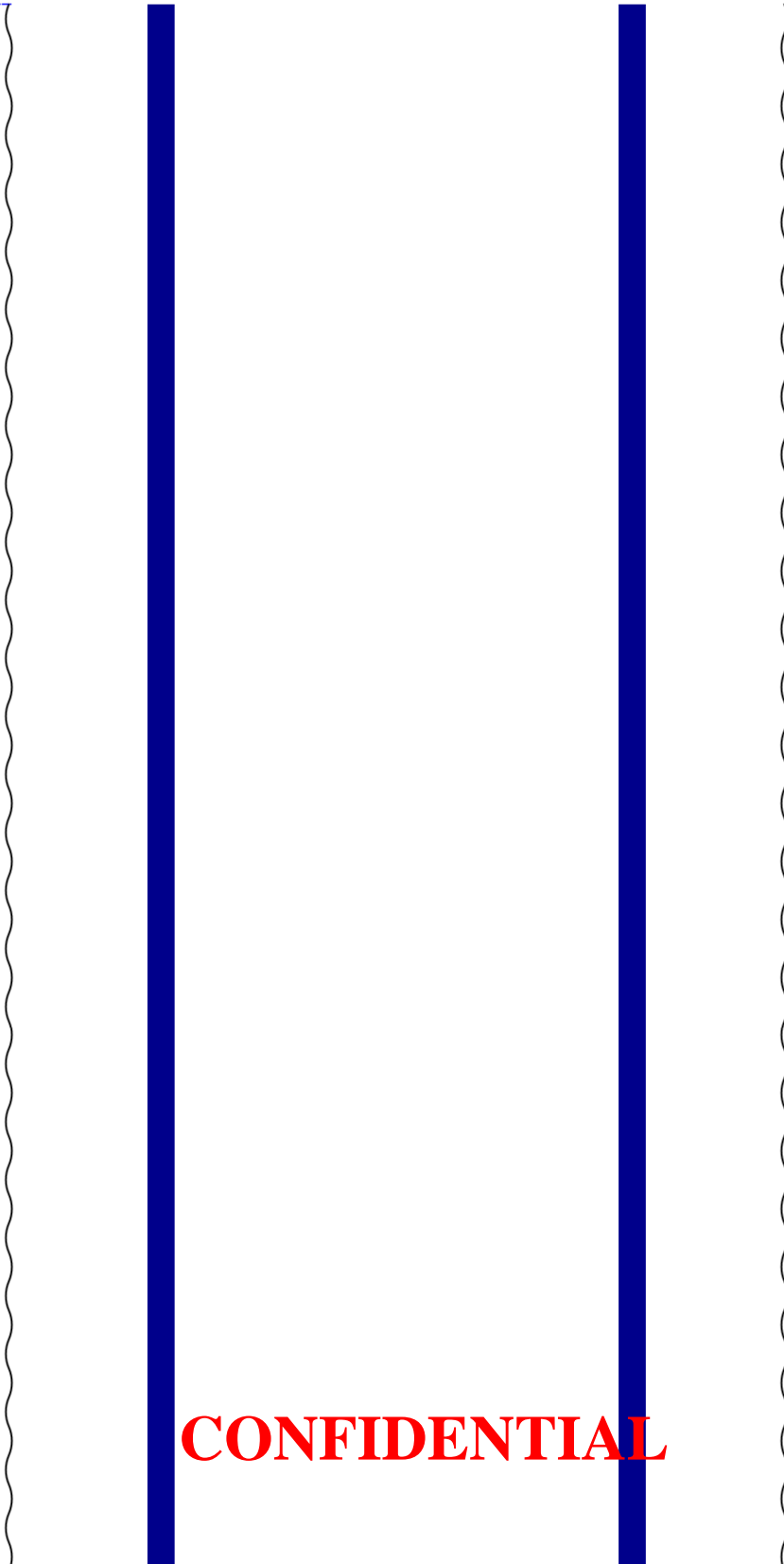
9.5 Parameter Listing

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## Well Sketch

**Driller Depth**

**12.00 ft**



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Casing 5.5in  
17lbm/ft

Open Hole 8.5in

5000.00 ft

## Remarks and Equipment Summary

### 1: Toolstring

### 1: Remarks

Correlated to Weatherford Array Induction Log dated 22-NOV-2017

Equip name	Length	MP name	Offset
PEH-EF	31.01		
AH-38	28.65		
PSTP-A:187	28.37	1876	
6		GR	24.67
PSC-A:1876		PSTC	24.37
PSTC-A:1876		PSTC Tool	0.00
PBMS-A:1876		String Bot	
Sapphire 10kP		tom	
SI:1876		Temperatu	21.58
		re	
		Sapphire P	21.47
		ressure	
		CCL	20.86
		PBMS	20.11
SCMT-CB:81	20.11		
79			
SECH-CA:813			
7			
SCMC-CA:813			
7			
CMIR-AG			
SCMS-CB:817			
9			
SCMX-CA			
AH-278			
		DT	11.02
		CBL5	9.52
		DTSC	9.52
		CBL3	8.52
		MAP	8.02
		AUX	7.02
		SCMT	2.7
		TOOL_ZERO	

Lengths are in ft

Maximum Outer Diameter = 1.688 in

Line: Sensor Location, Value: Gating Offset

All measurements are relative to TOOL\_ZERO

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# Depth Summary

1

## Depth Measuring Device

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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	1-25ZA-XXS		
Serial Number			
Length	20000.00 ft		
Conveyance Type	Wireline		
Rig Type			

## 1:Depth Control Parameters

## Depth Control Remarks

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

1

## MAIN PASS 1650 PSI

## Software Version

Acquisition System	Version
Maxwell 2018	8.0.95333.3100

## Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
1	Log[8]:Up	Up	3586.32 ft	4829.98 ft	02-Jan-2018 17:00:05	02-Jan-2018 17:21:00	ON	0.00 ft	No

All depths are referenced to toolstring zero

## Log

Company:Alta Mesa Resources LP

Well:ML INVESTMENTS 3-10

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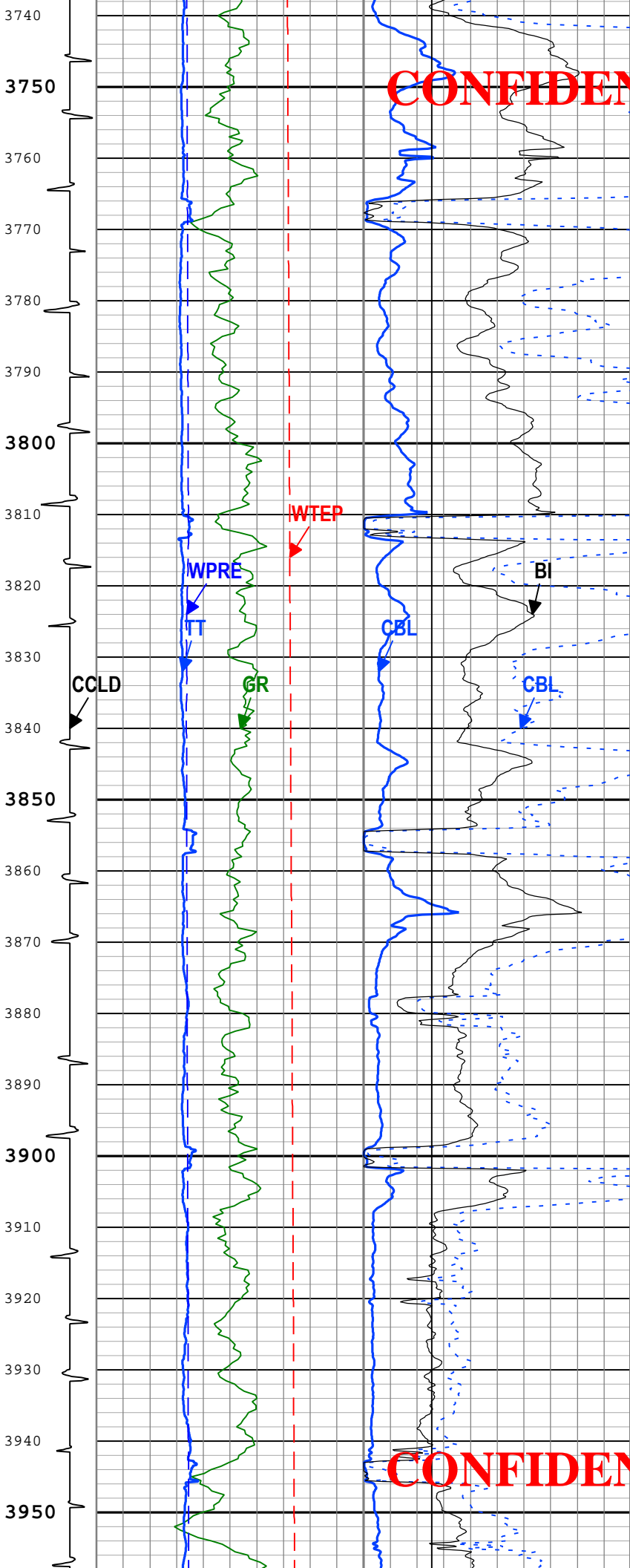
1: Log[8]:Up:S003

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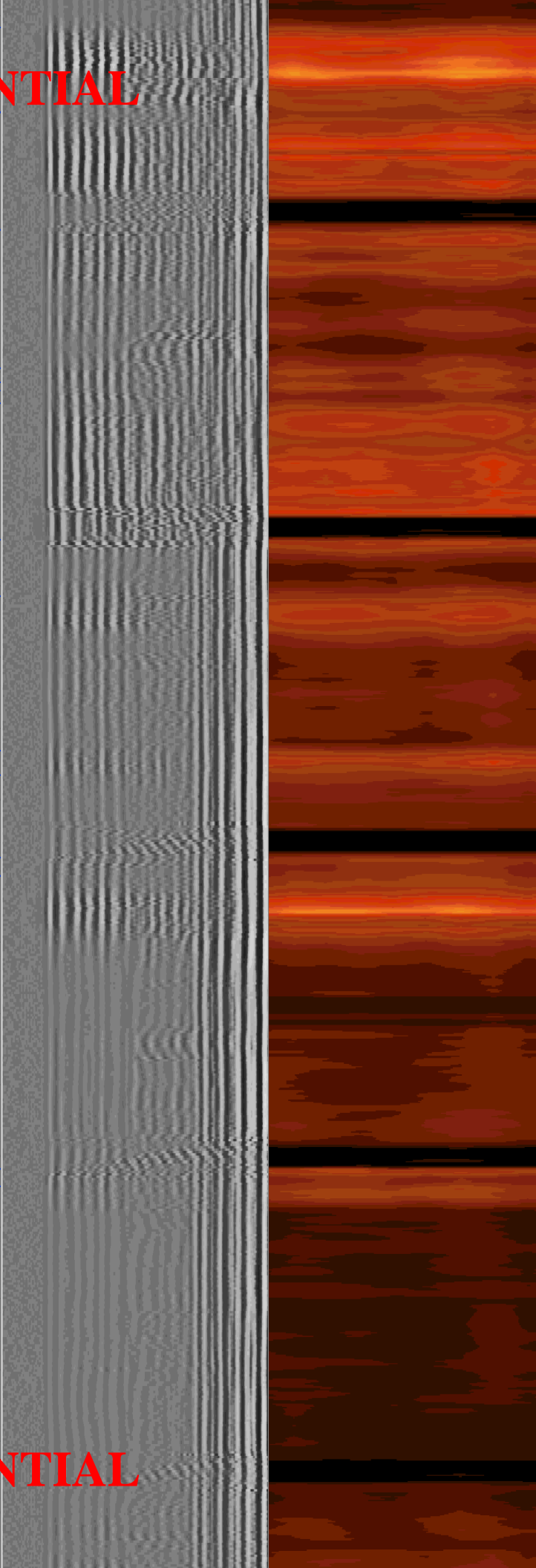
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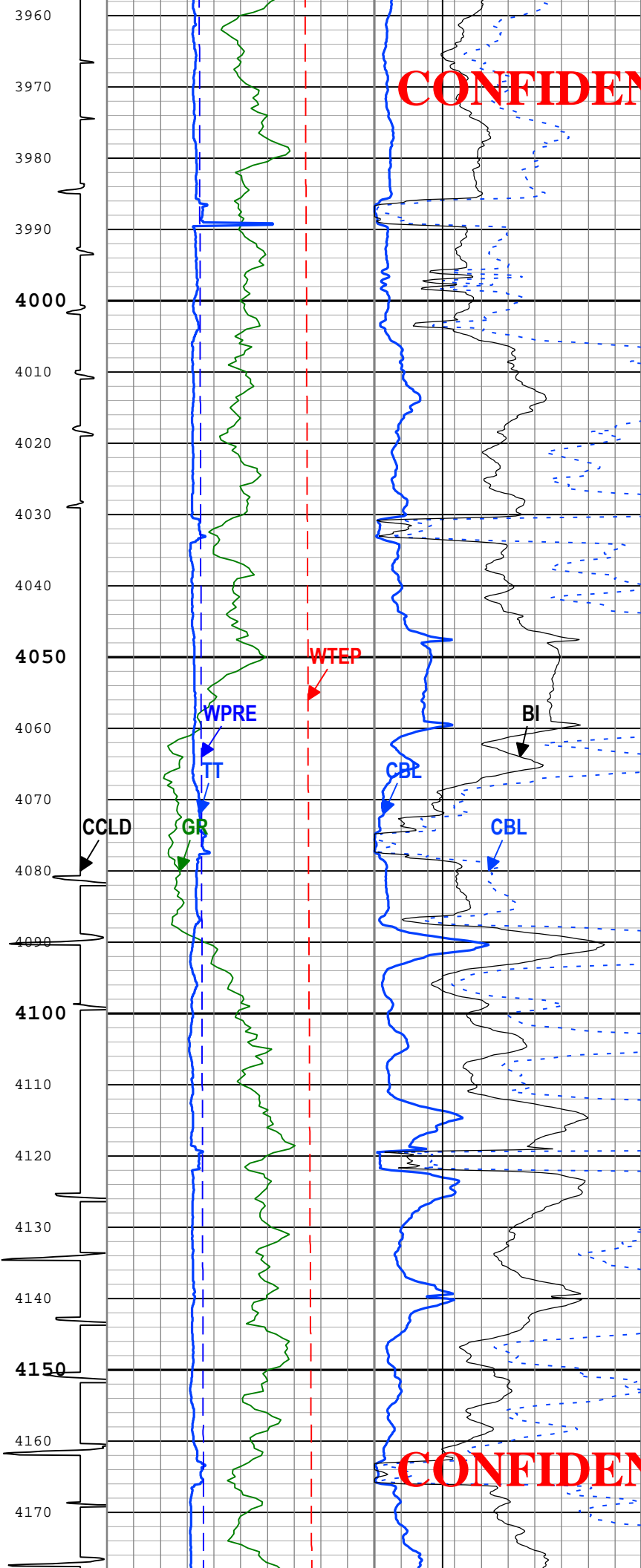
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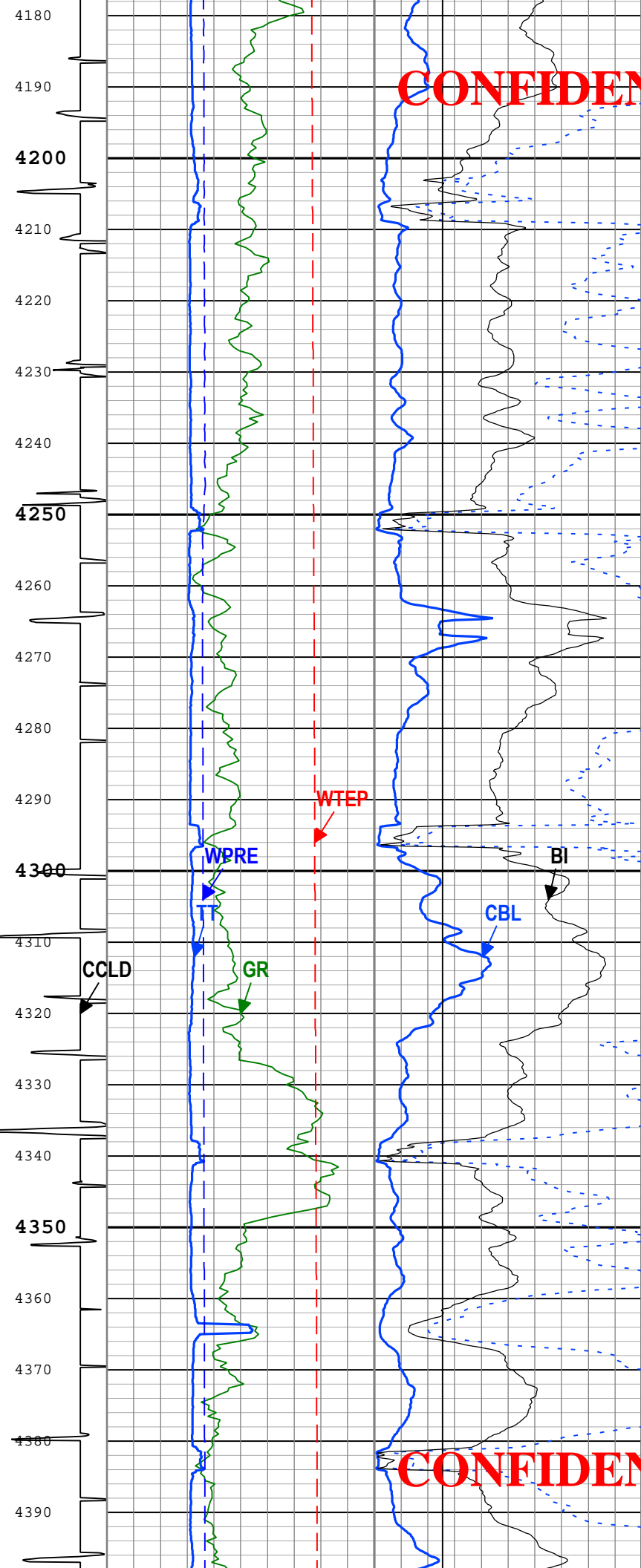


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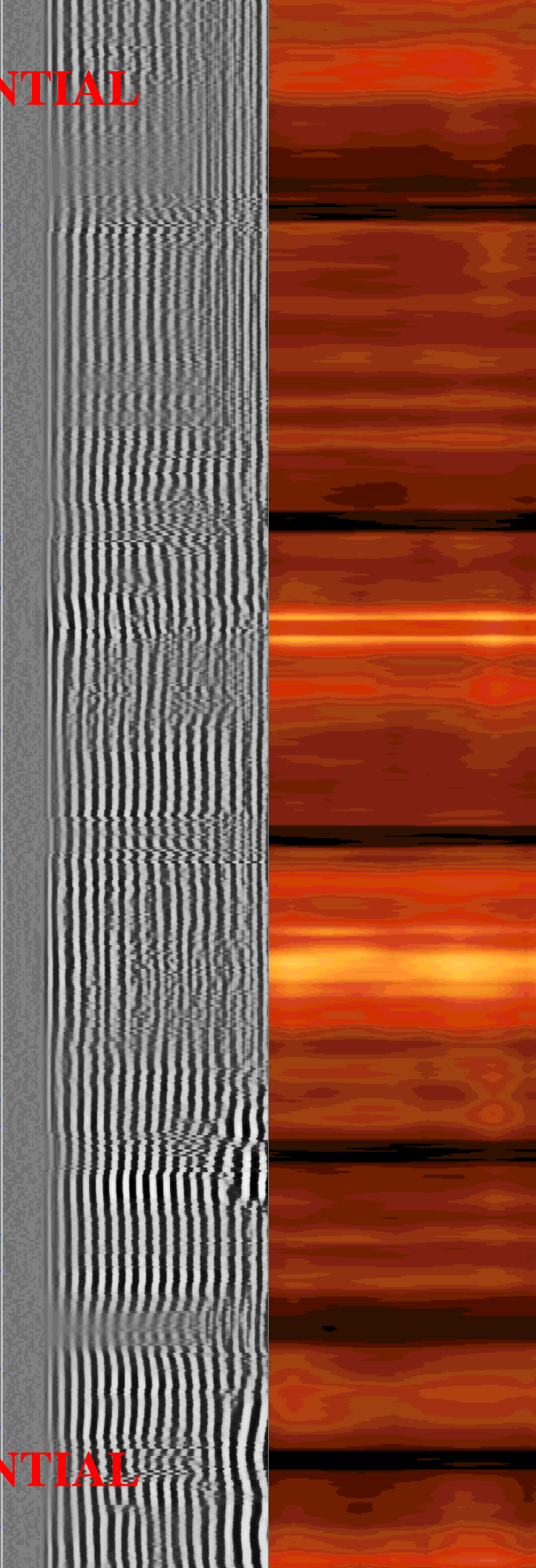


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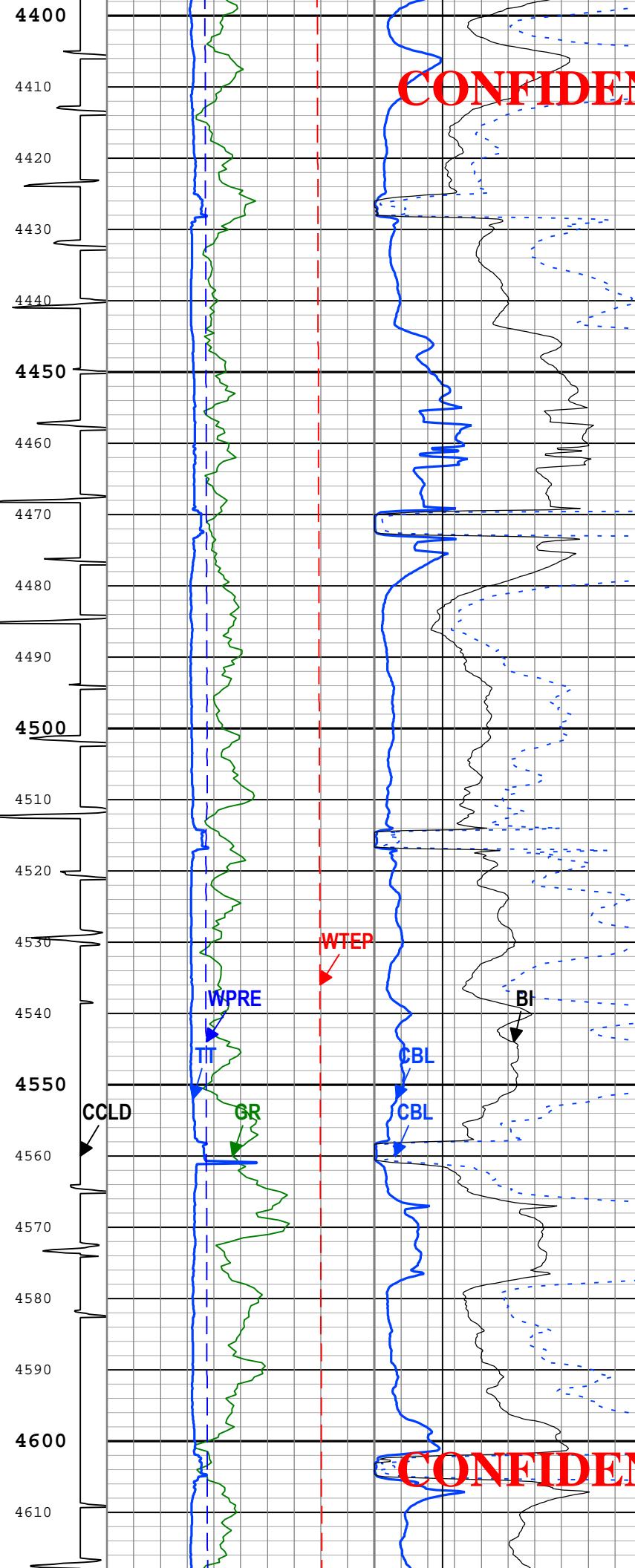
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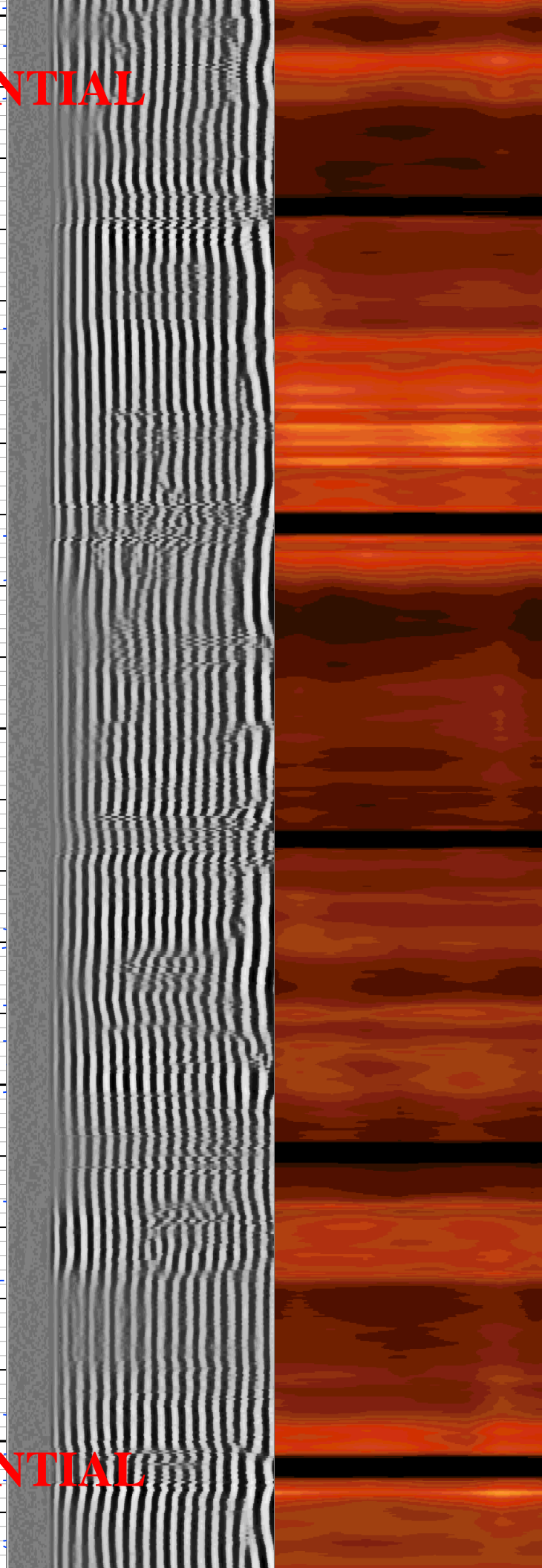




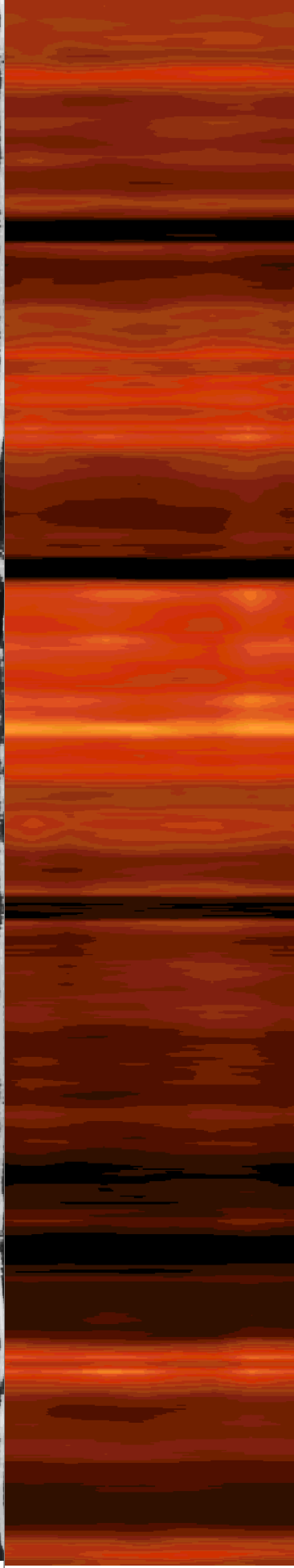
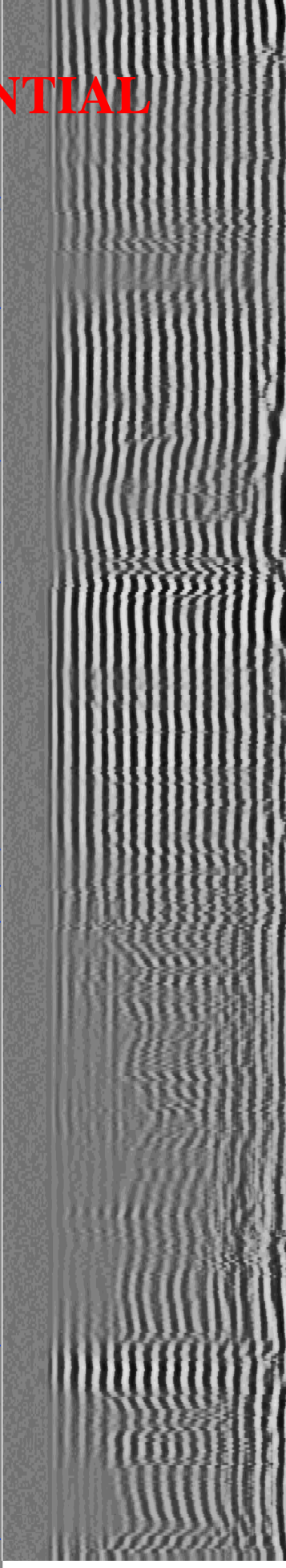
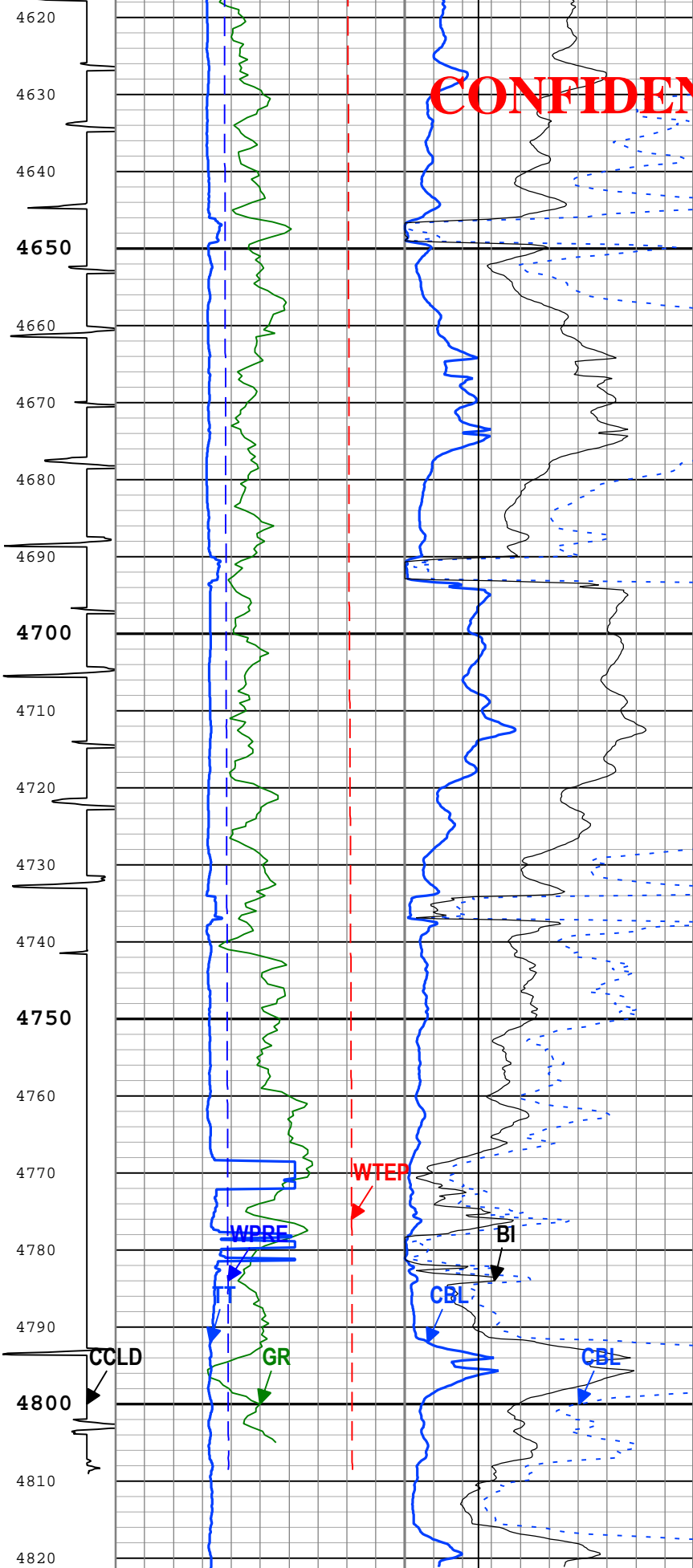


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CCL Discriminated Amplitude (CCLD) PSTP-A	Gamma Ray (GR) PSTP-A	CBL Amplitude (CBL) SCMT-CB	VDL VariableDensity (VDL) SCMT-CB	CBL Amplitude Mapping Image (0 - 100) SCMT-CB
0	gAPI 150	0 mV 10	Min Max	Absent 7.500 17.500 27.500 37.500 47.500 57.500 67.500 77.500 87.500 97.500

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3	V	-1	200	us	400	0	mV	100	200	us	1200	100) SCMT-CB	
			Good Bond (GOBO)										
			Well Pressure (WPRE) PSTP-A			0	in	10000					
			0			psi			10000				
			Well Temperature (WTEP) PSTP-A										
			0			degF			300				

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TIME\_1900 - Time Marked every 60.00 (s)

Description: SCMT VDL Image Format: Log ( SCMT\_VDL\_Image ) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 04-Jan-2018 16:14:47

## Channel Processing Parameters

### 1: Parameters

Parameter	Description	Tool	Value	Unit
BHT	Bottom Hole Temperature	Borehole	186	degF
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	SCMT-CB	224	us
CBLG	CBL Gate Width	SCMT-CB	43	us
CBRA	CBL LQC Reference Amplitude in Free Pipe	SCMT-CB	71	mV
THNO	Nominal Casing Thickness - Zoned along logger depths	WLSESSION	0.304	in
DFD	Drilling Fluid Density	Borehole	9.1	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
DTMD	Borehole Fluid Slowness	Borehole	206	us/ft
EDF	Elevation of Derrick Floor Above Permanent Datum	WLSESSION	12	ft
EPD	Elevation of Permanent Datum (PDAT) above Mean Sea Level	WLSESSION	2251	ft
GGRD	Geothermal Gradient	Borehole	1	0.01 degF/ft
GOBO_CURR	Good Bond in Arbitrary Cement	SCMT-CB	2.55	mV
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	GTEM_LINEST(RT)	
MAPG	SCMT MAP Peak Detection T0_Delay and Noise Gate	SCMT-CB	220.57	us
MATT_CURR	Maximum Attenuation in Arbitrary Cement	SCMT-CB	13.94	dB/ft
MCI	Minimum Cemented Interval for Isolation	SCMT-CB	4.75	ft
MMSA	MAP Minimum Sonic Amplitude	SCMT-CB	7.12	mV
MSA	Minimum Sonic Amplitude	SCMT-CB	1.11	mV
MSA_CURR	Minimum Sonic Amplitude in Arbitrary Cement	SCMT-CB	1.11	mV
PDAT	Permanent Datum	WLSESSION	GL	
RUN_SNUM	Run Sequence Number	WSDRUN	3	
SHT	Surface Hole Temperature	Borehole	68	degF

## Tool Control Parameters

### 1: Parameters

Parameter	Description	Tool	Value	Unit
CMTM	SCMT Operating Mode	SCMT-CB	Log	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	1800	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-A	Time Zoned	

## Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth ( ft )	Stop Depth ( ft )
PCCG	12 dB	02-Jan-2018 17:00:05	02-Jan-2018 17:12:42	4829.98	4087.68
PCCG	0 dB	02-Jan-2018 17:12:42	02-Jan-2018 17:21:00	4087.68	3586.32

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All depth are at tool zero.

Software Version

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Acquisition System

Maxwell 2018

Version

8.0.95333.3100

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
1	Log[6]:Up	Up	6.08 ft	4829.84 ft	02-Jan-2018 14:33:44	02-Jan-2018 15:50:55	ON	0.00 ft	No

All depths are referenced to toolstring zero

Log

Company:Alta Mesa Resources LP

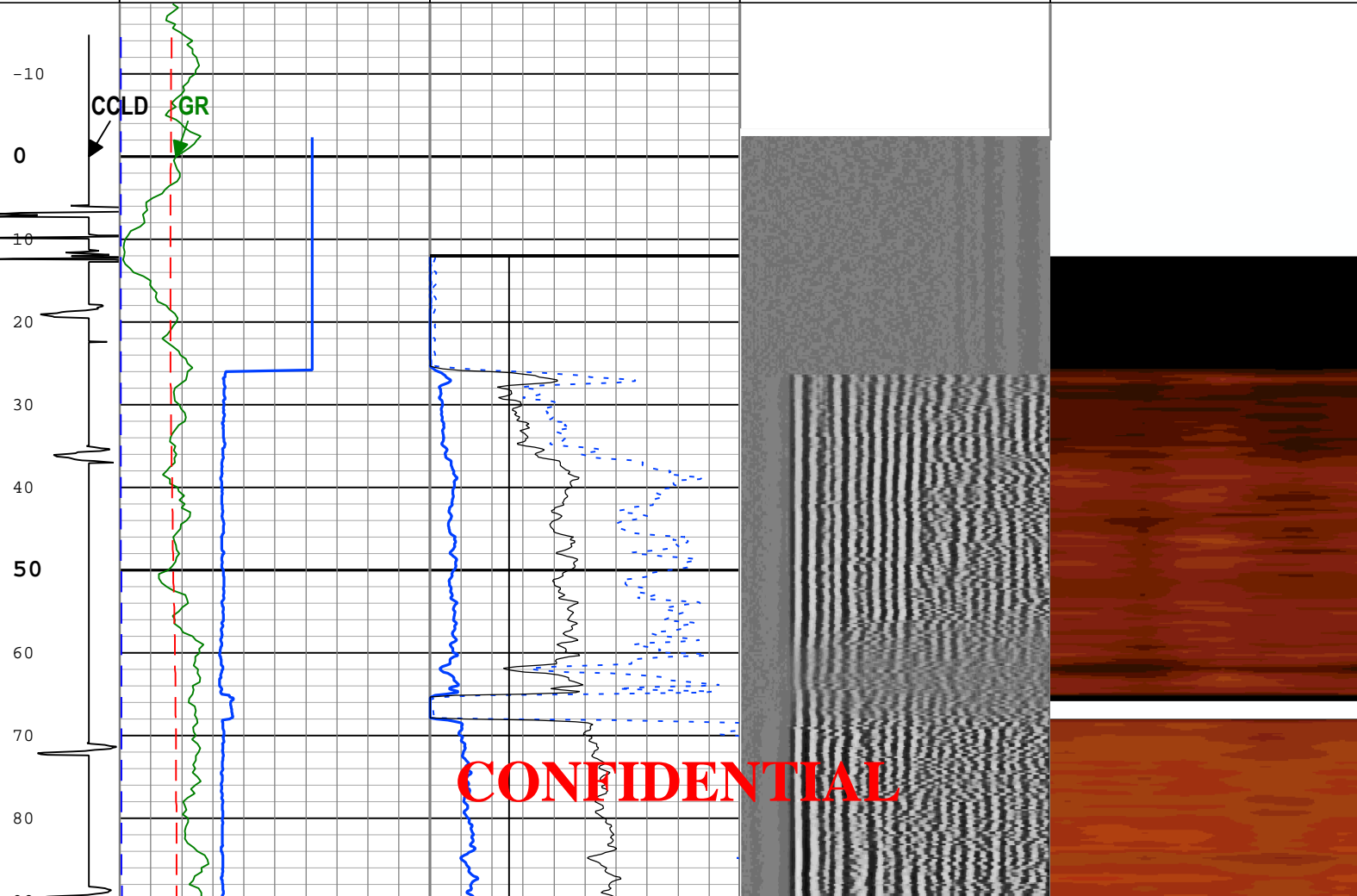
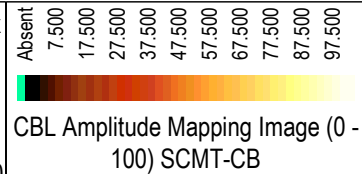
Well:ML INVESTMENTS 3-10

1: Log[6]:Up:S003

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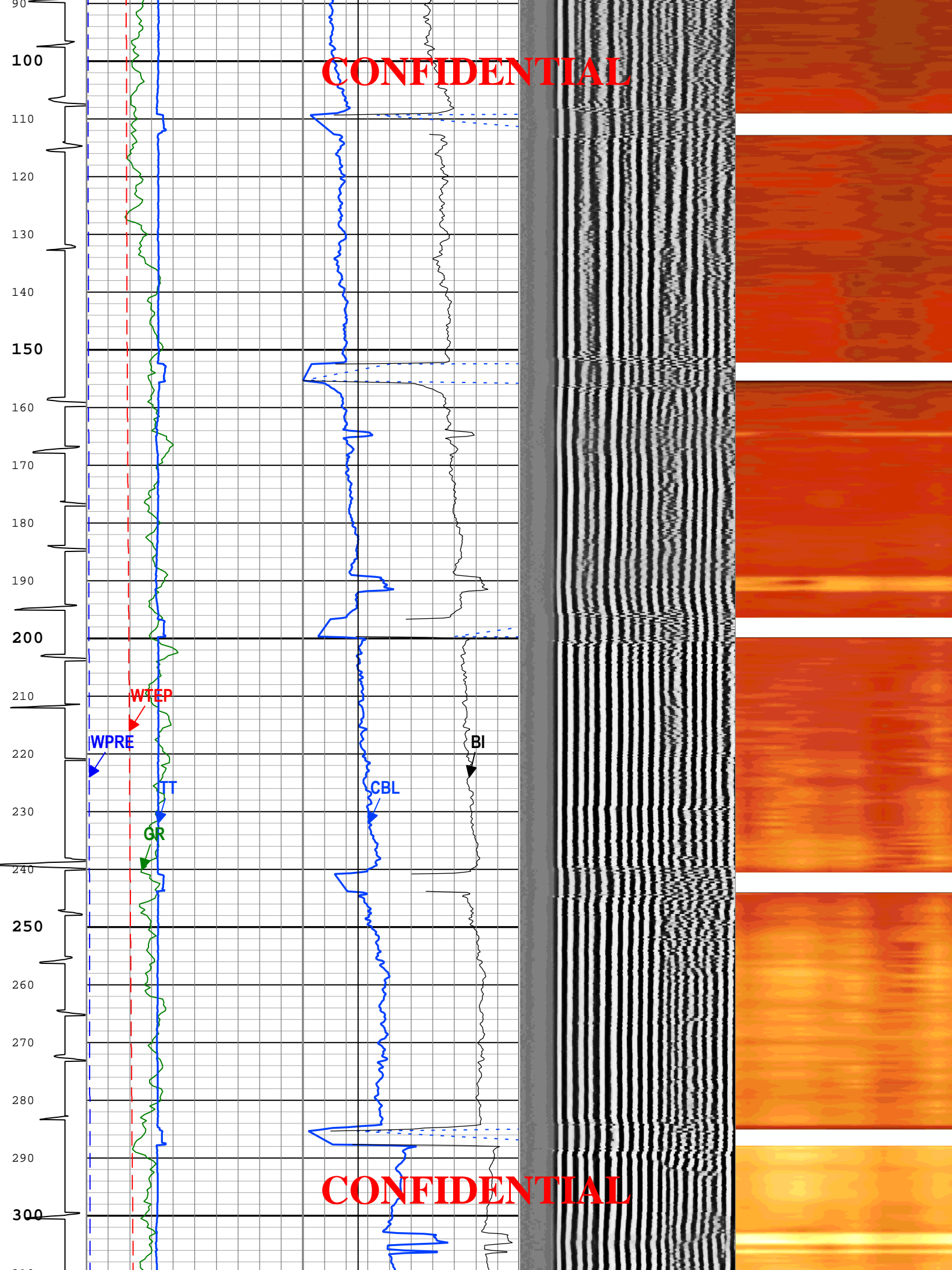
TIME\_1900 - Time Marked every 60.00 (s)

Gamma Ray (GR) PSTP-A		0	gAPI	150	CBL Amplitude (CBL) SCMT-CB			
Transit Time for CBL (TT) SCMT-CB		200	us	400	CBL Amplitude (CBL) SCMT-CB			
Well Pressure (WPRE) PSTP-A		0	psi	10000	Good Bond (GOBO)		Min	Amplitude
Well Temperature (WTEP) PSTP-A		0	degF	300	Bond Index (BI) SCMT-CB		Max	
CCL Discriminated Amplitude (CCLD) PSTP-A	3	V	-1		0	200	us	1200



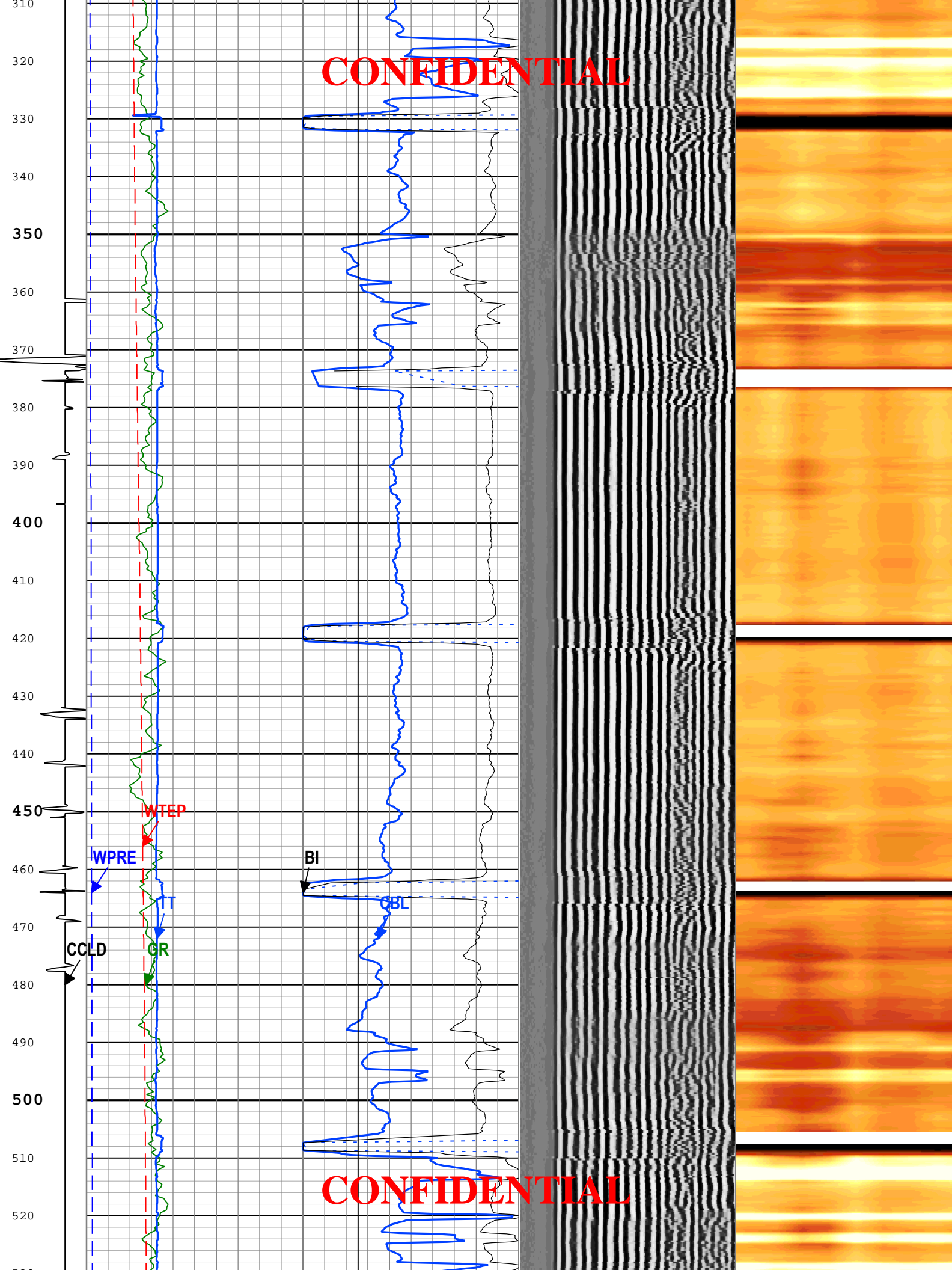
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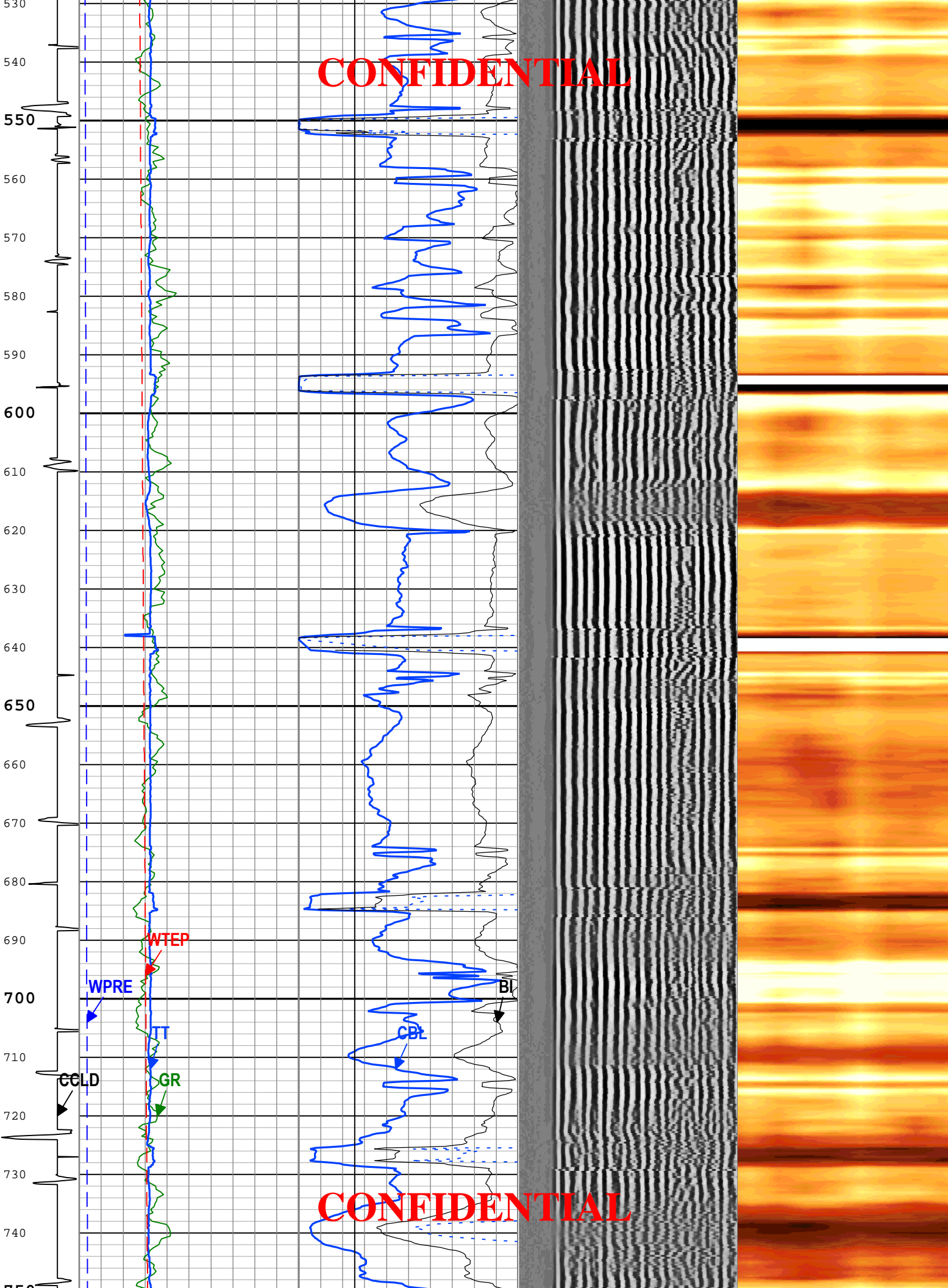
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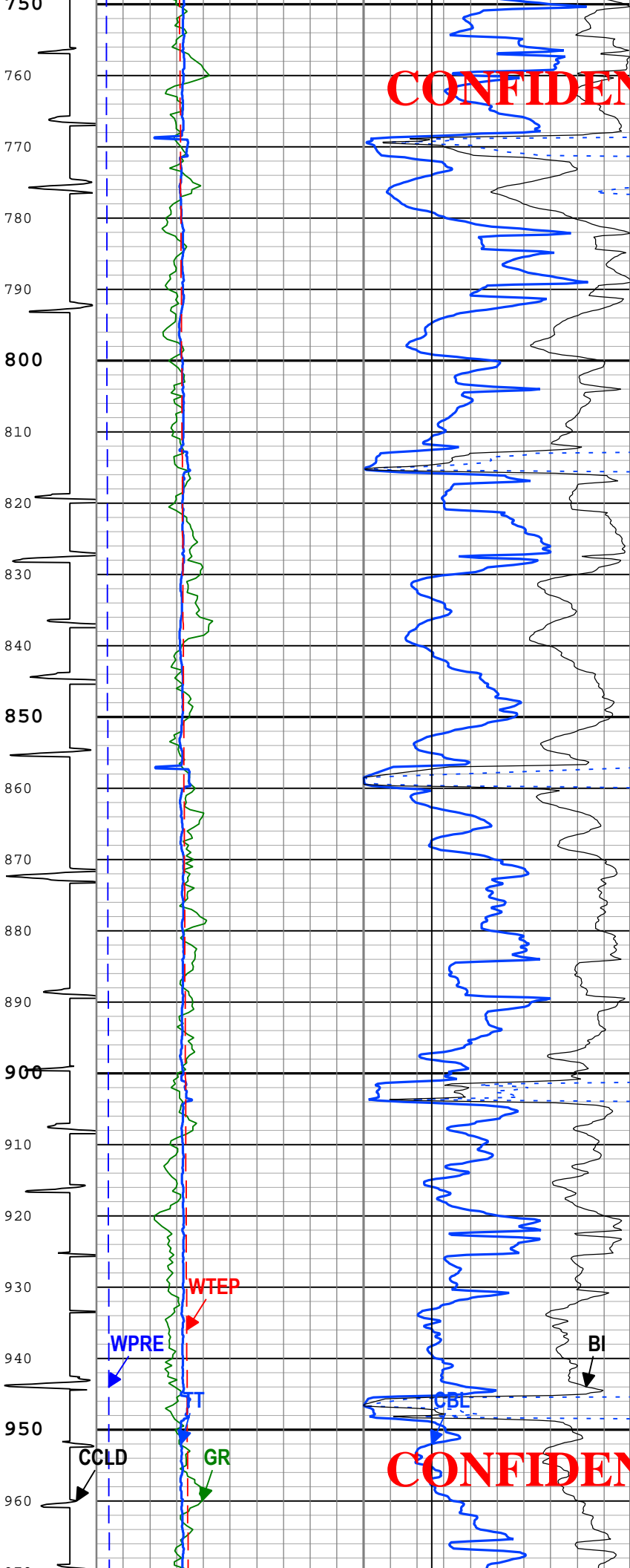
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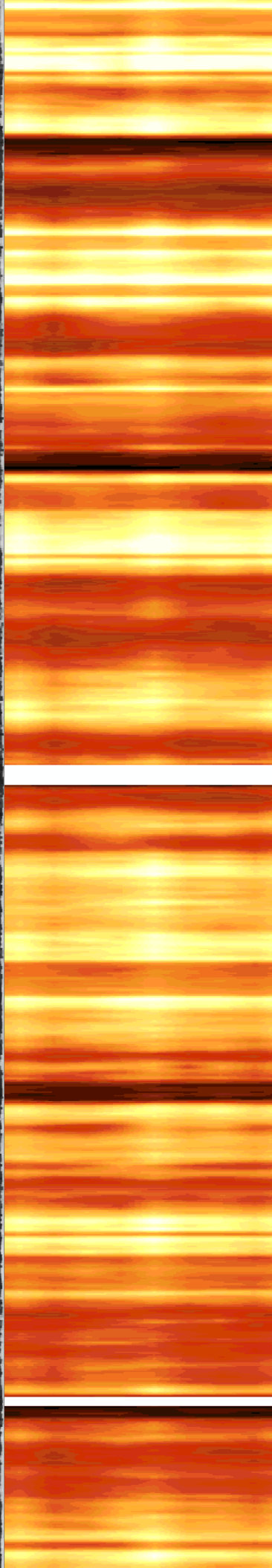


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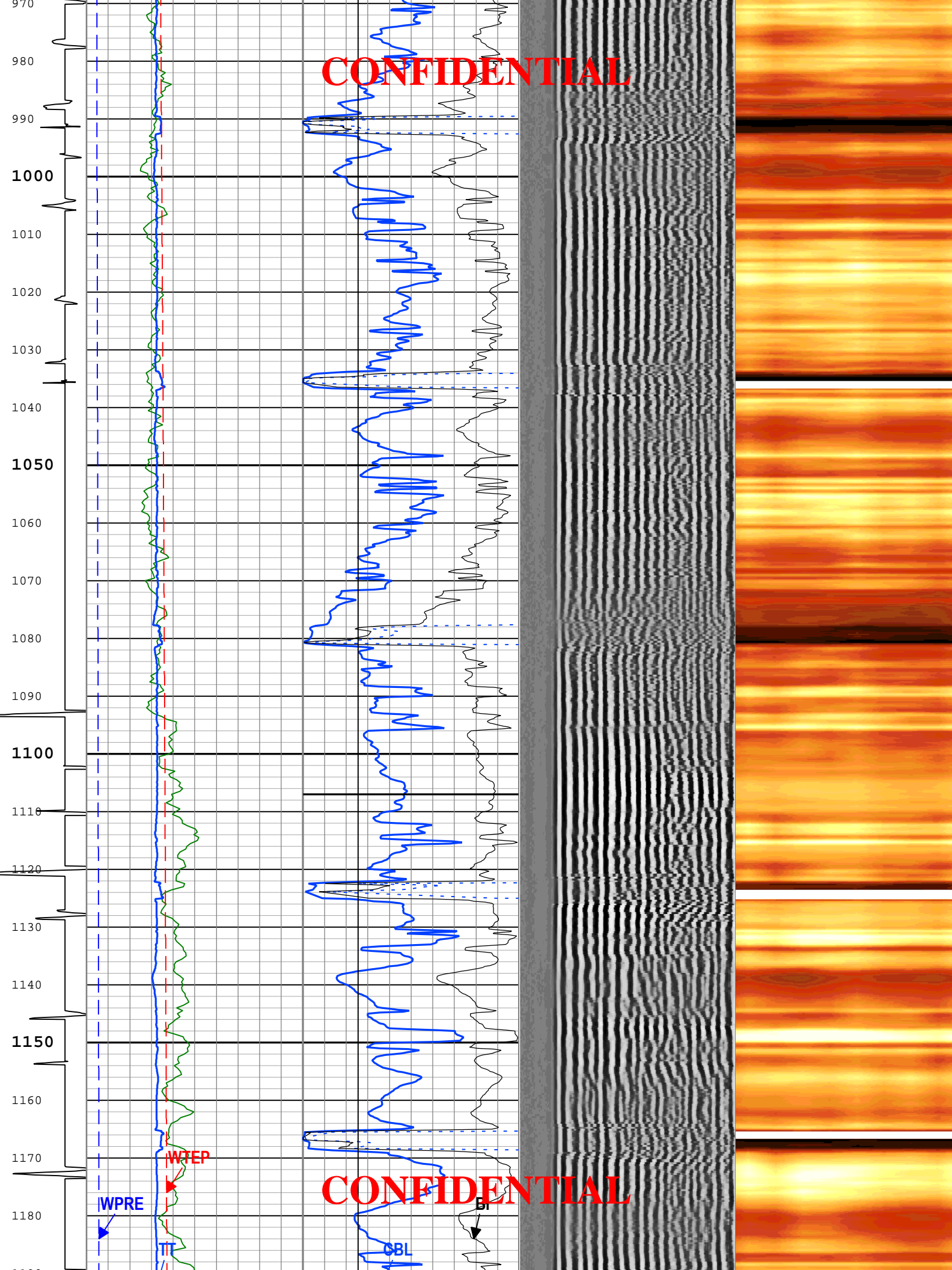
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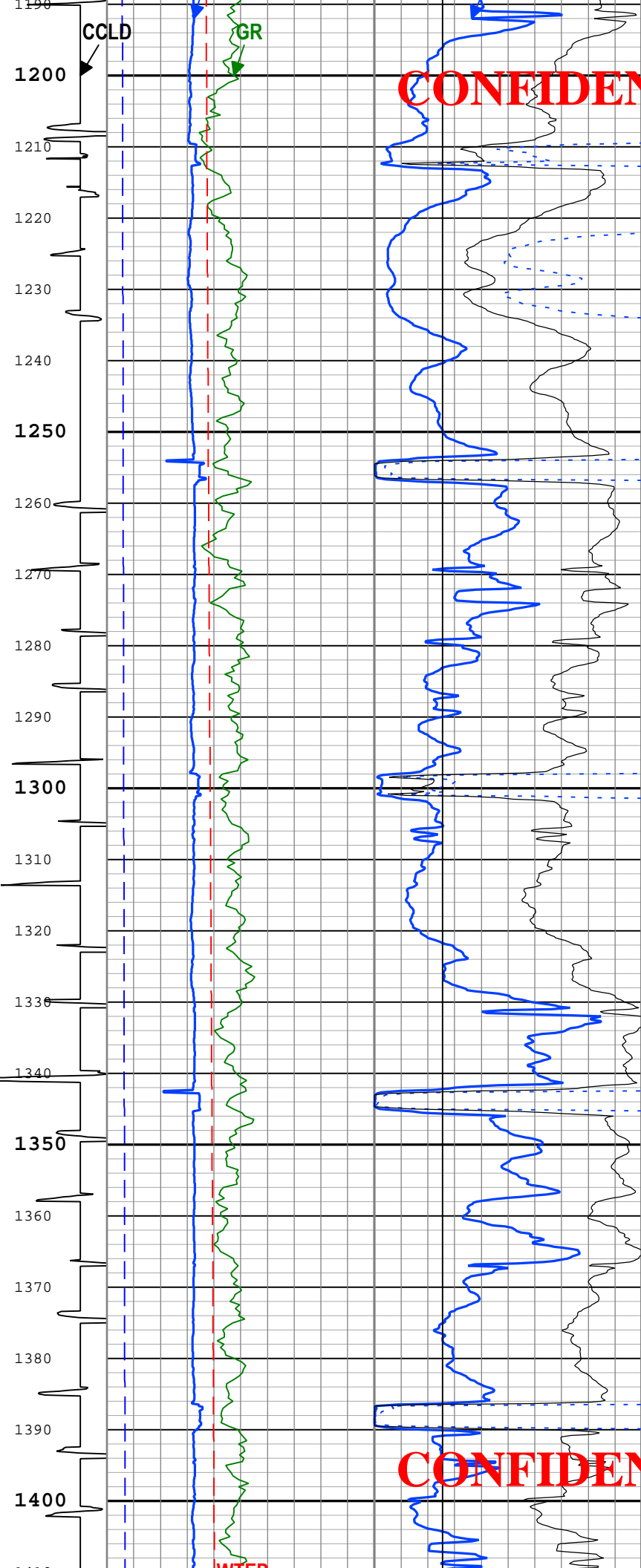


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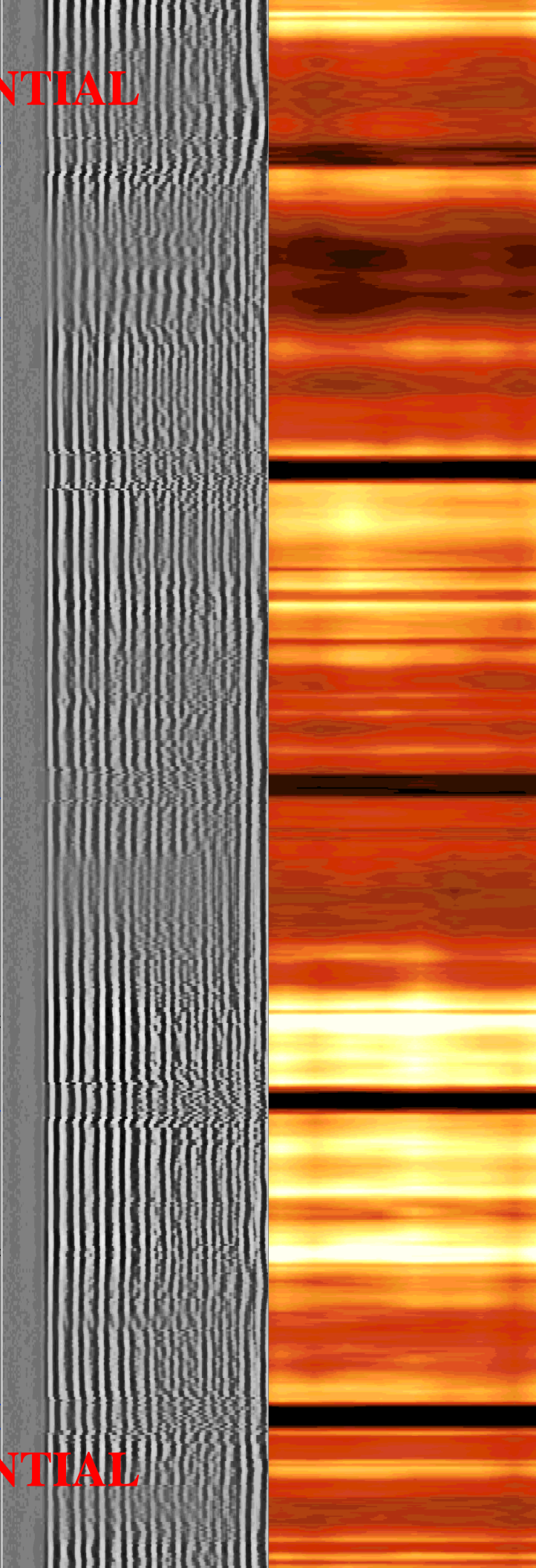


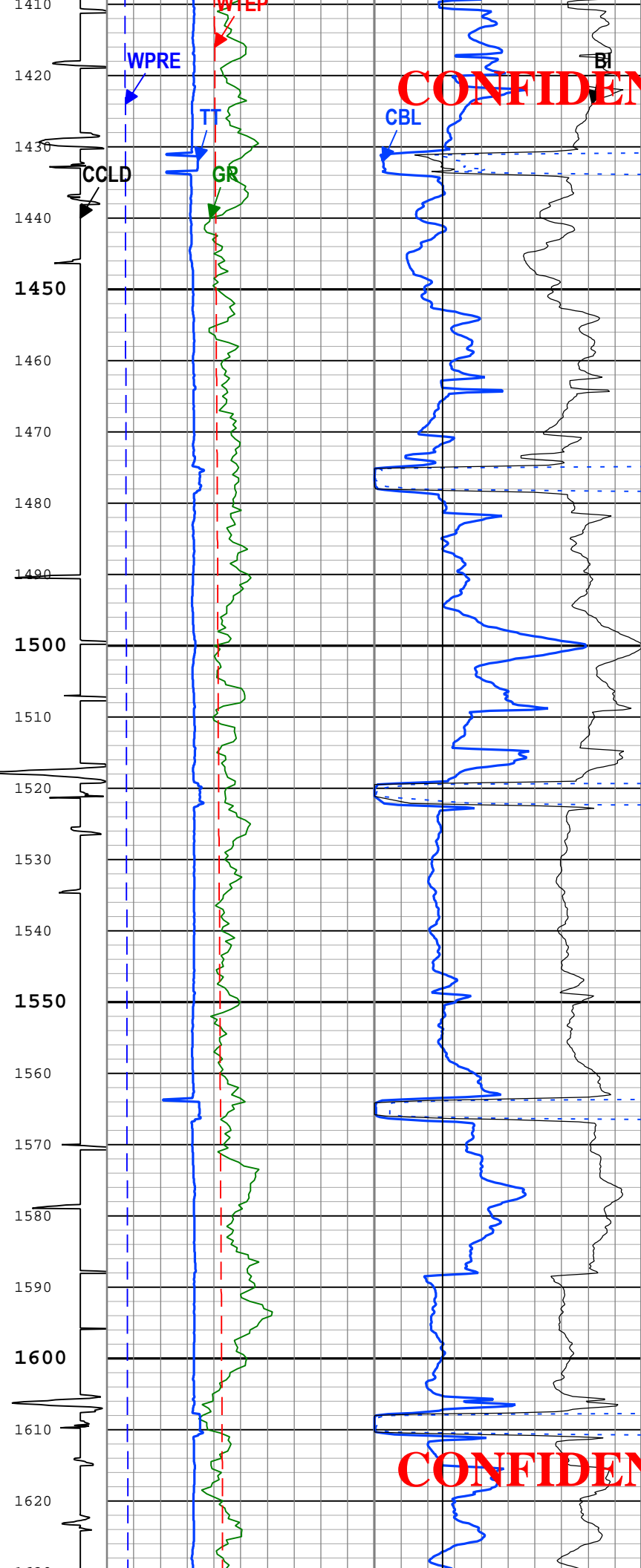




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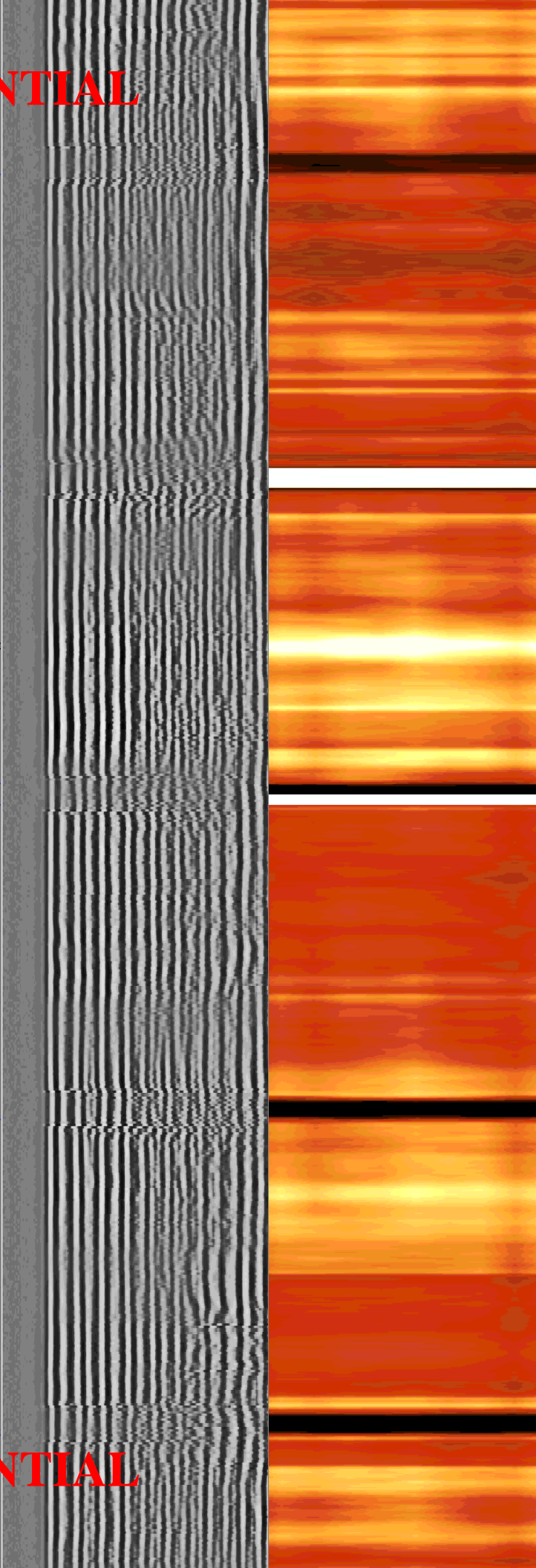
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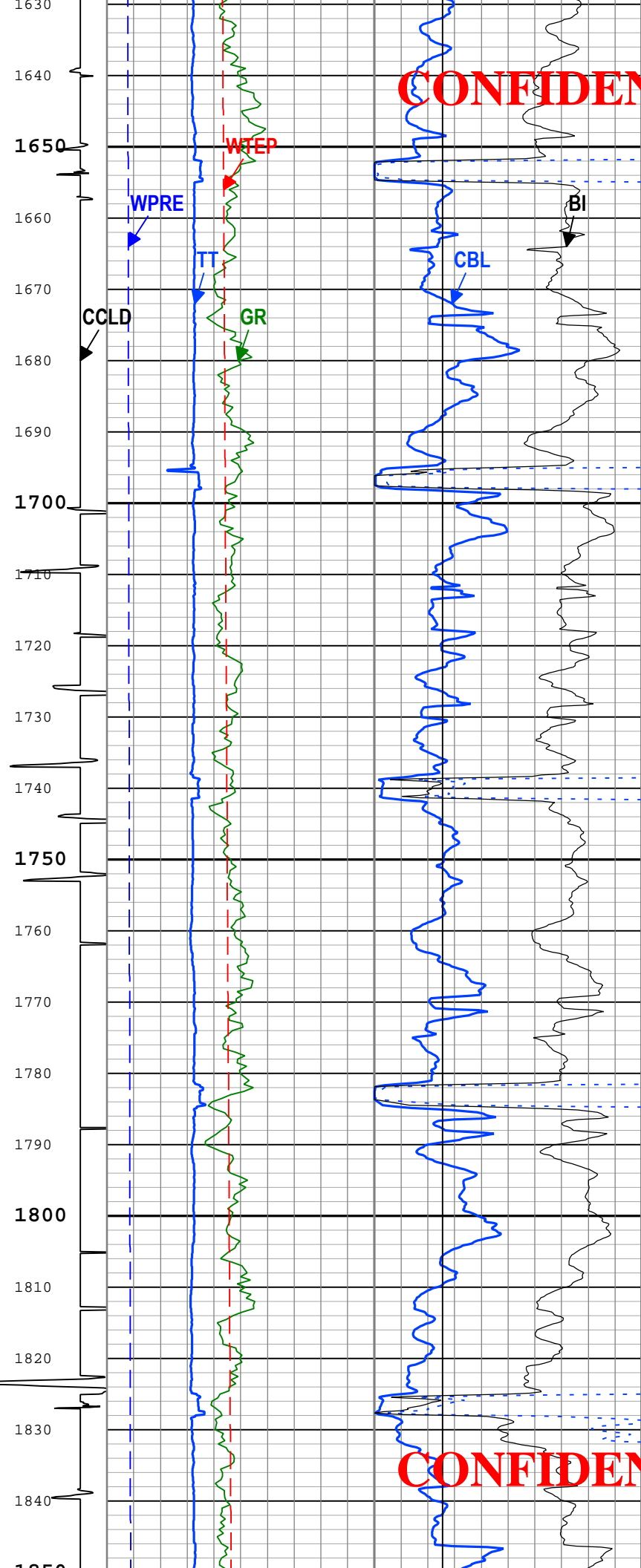


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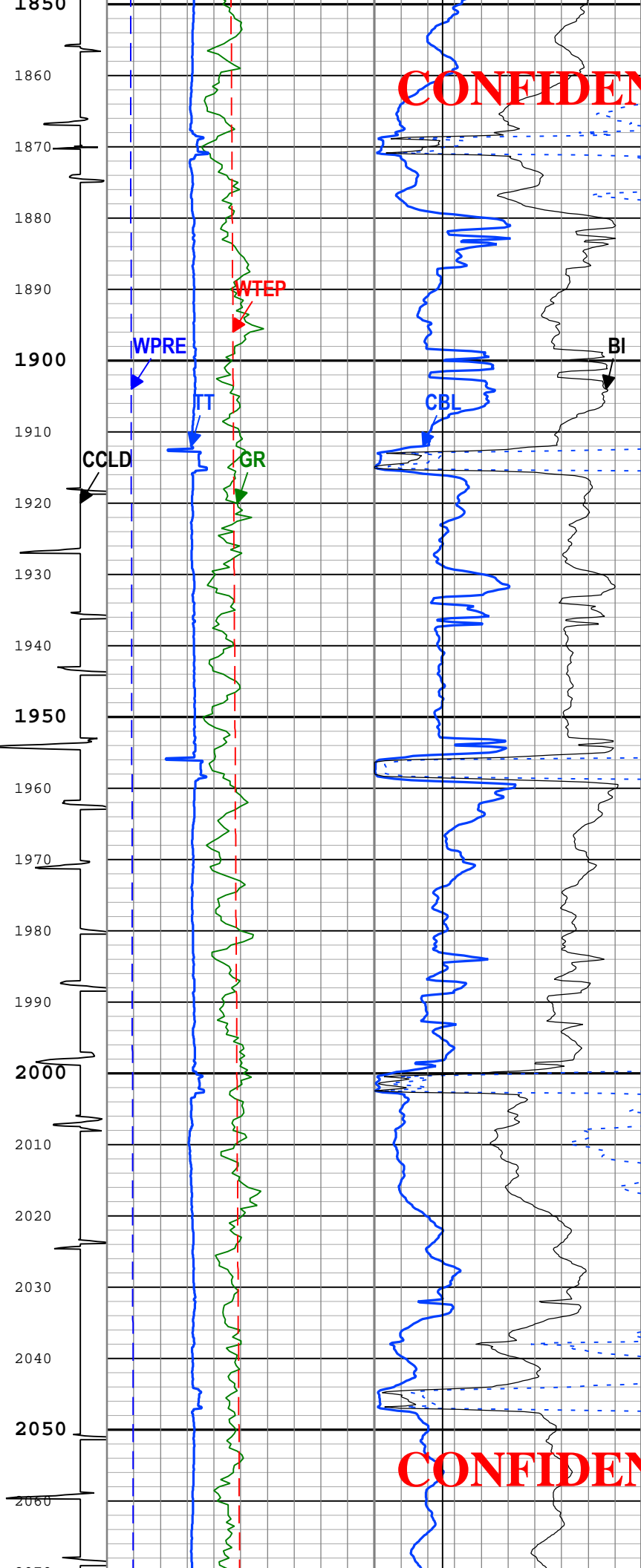
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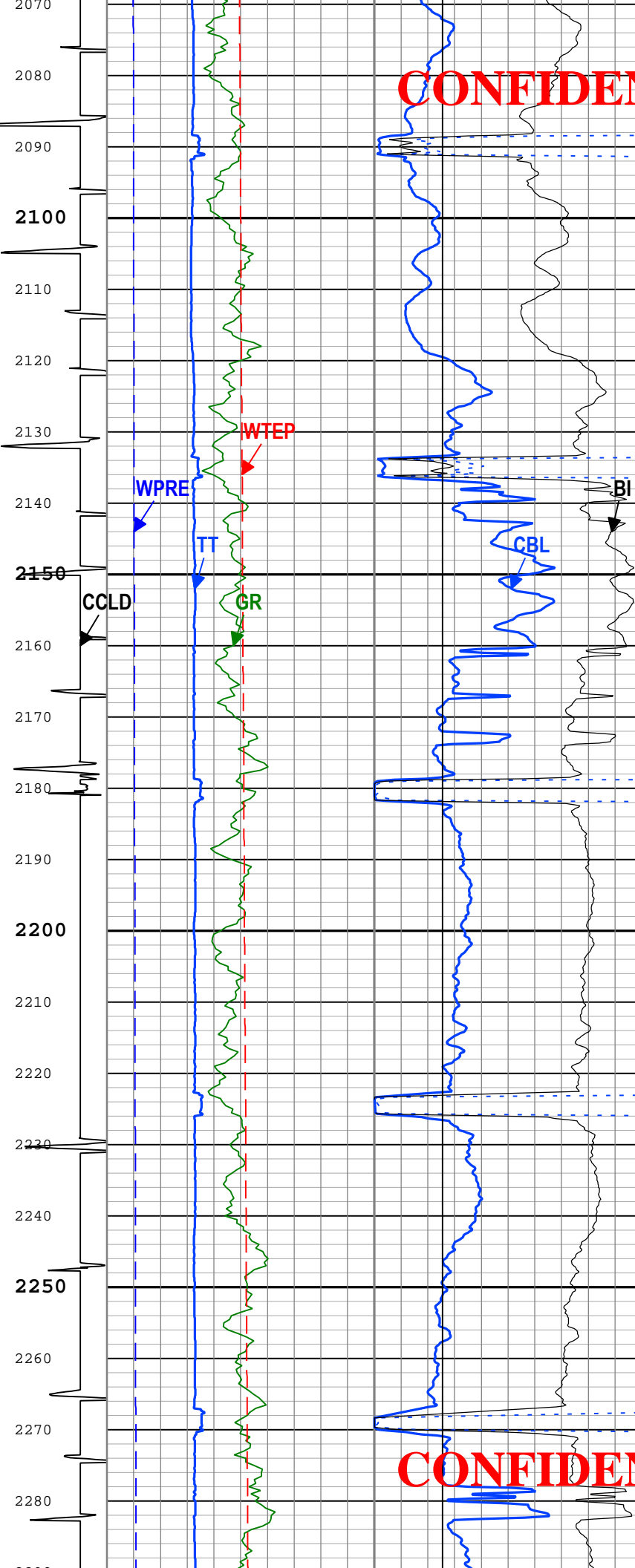
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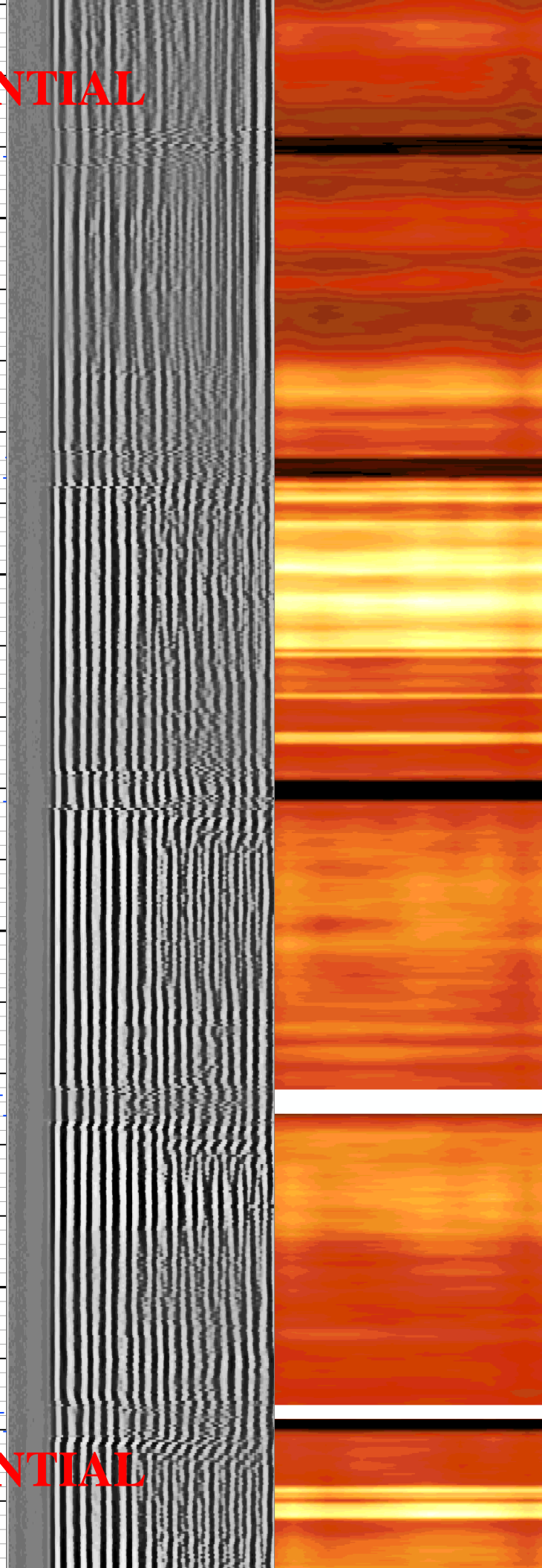
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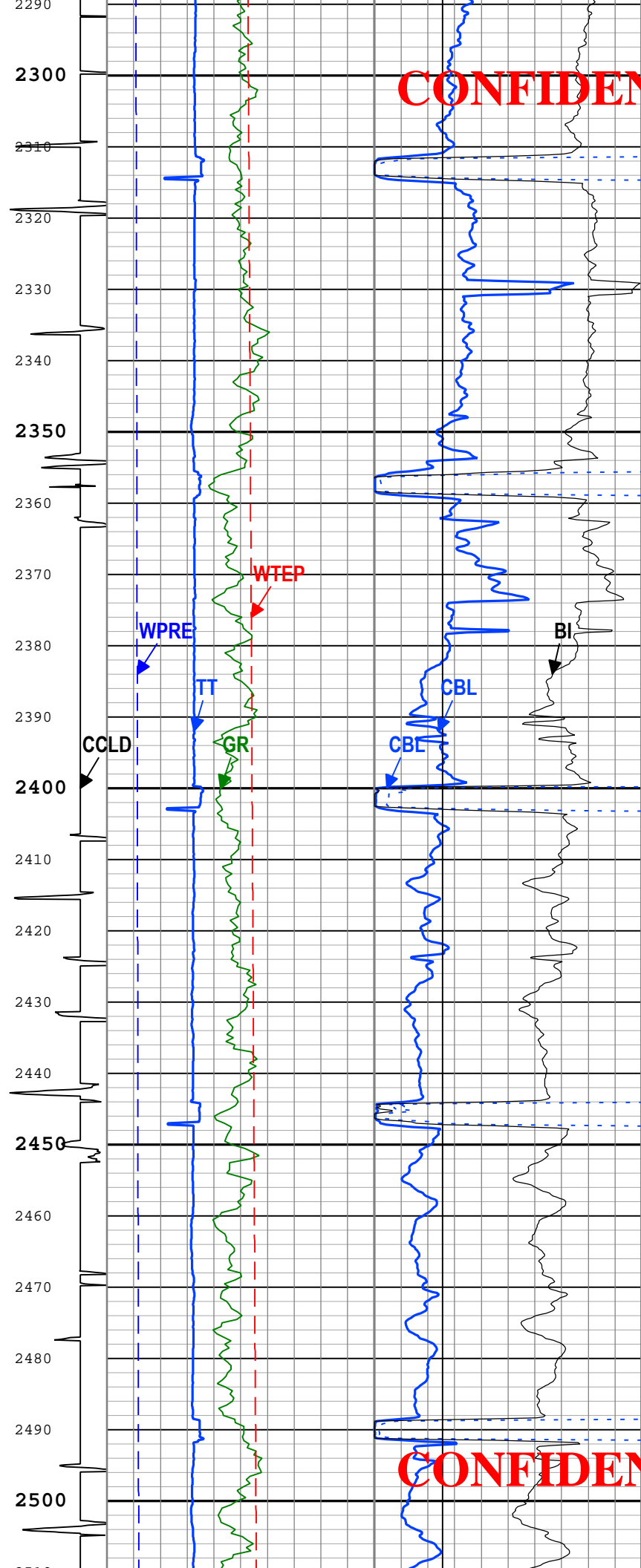
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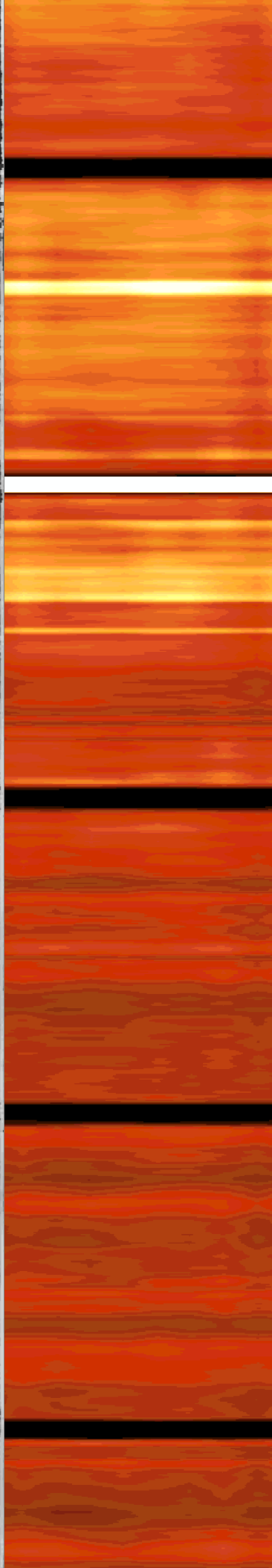
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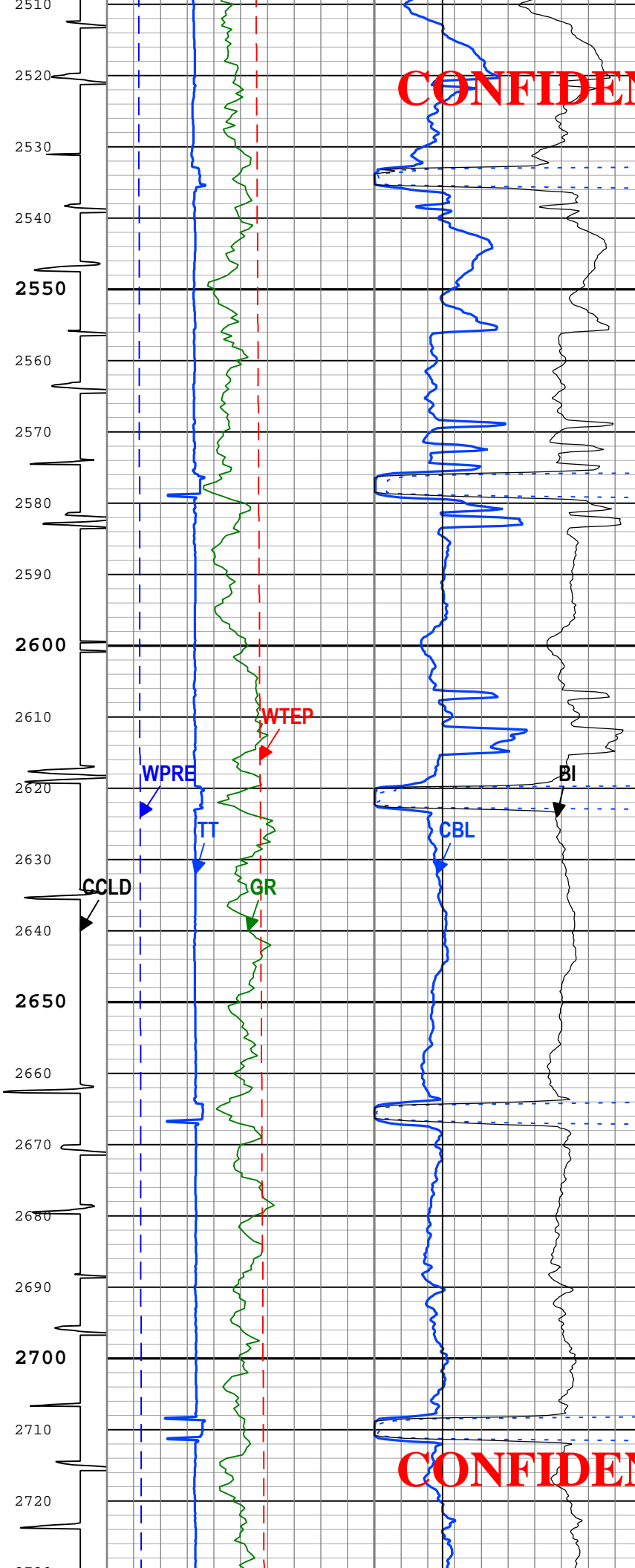
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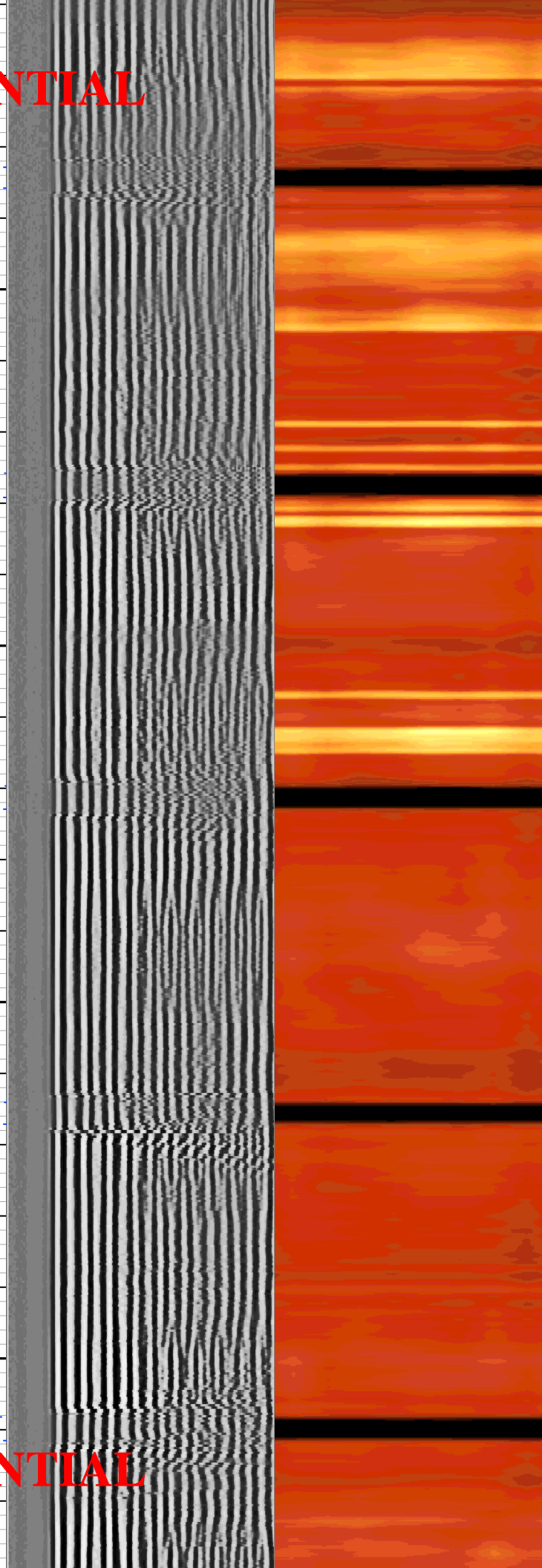
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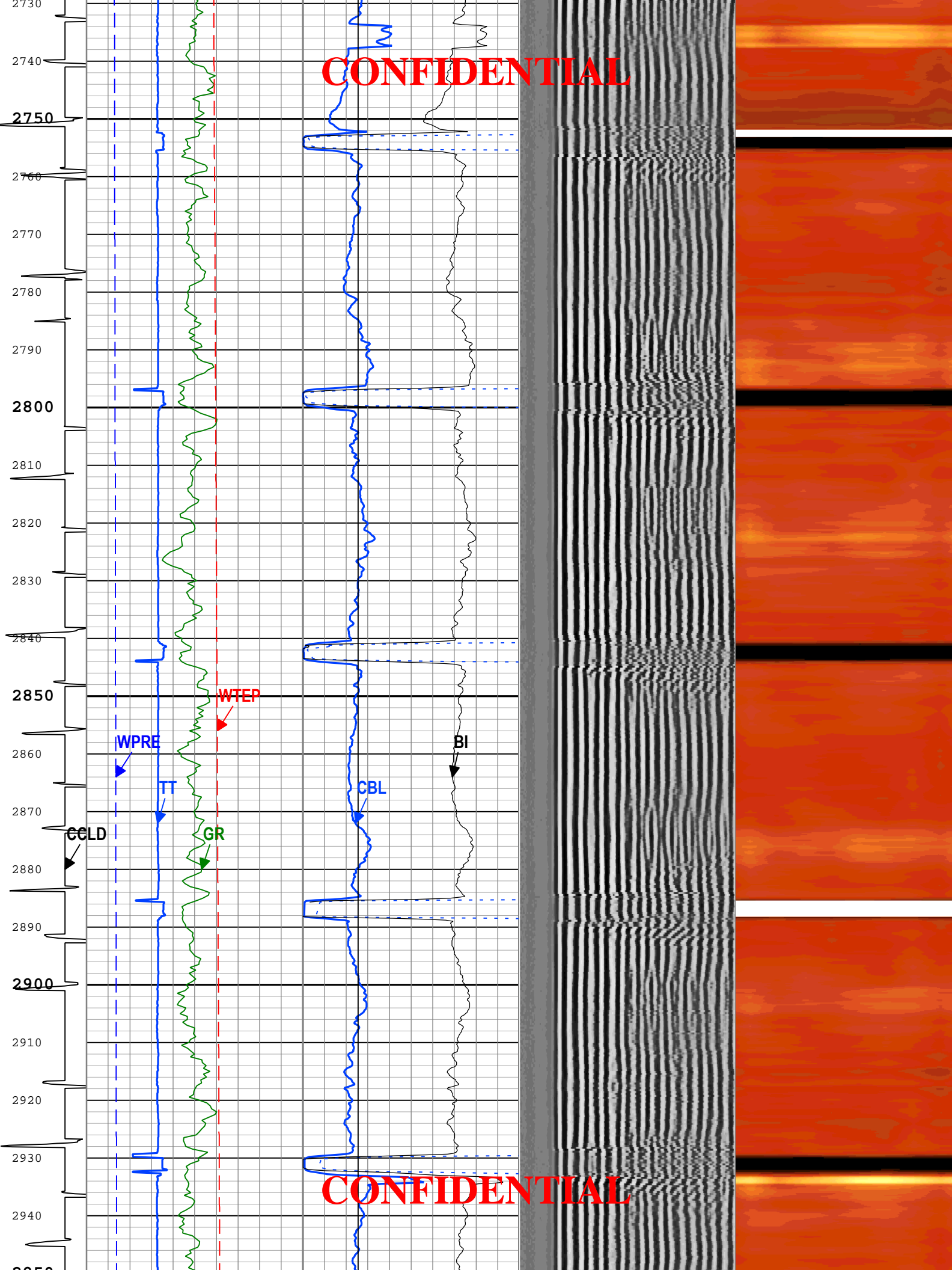


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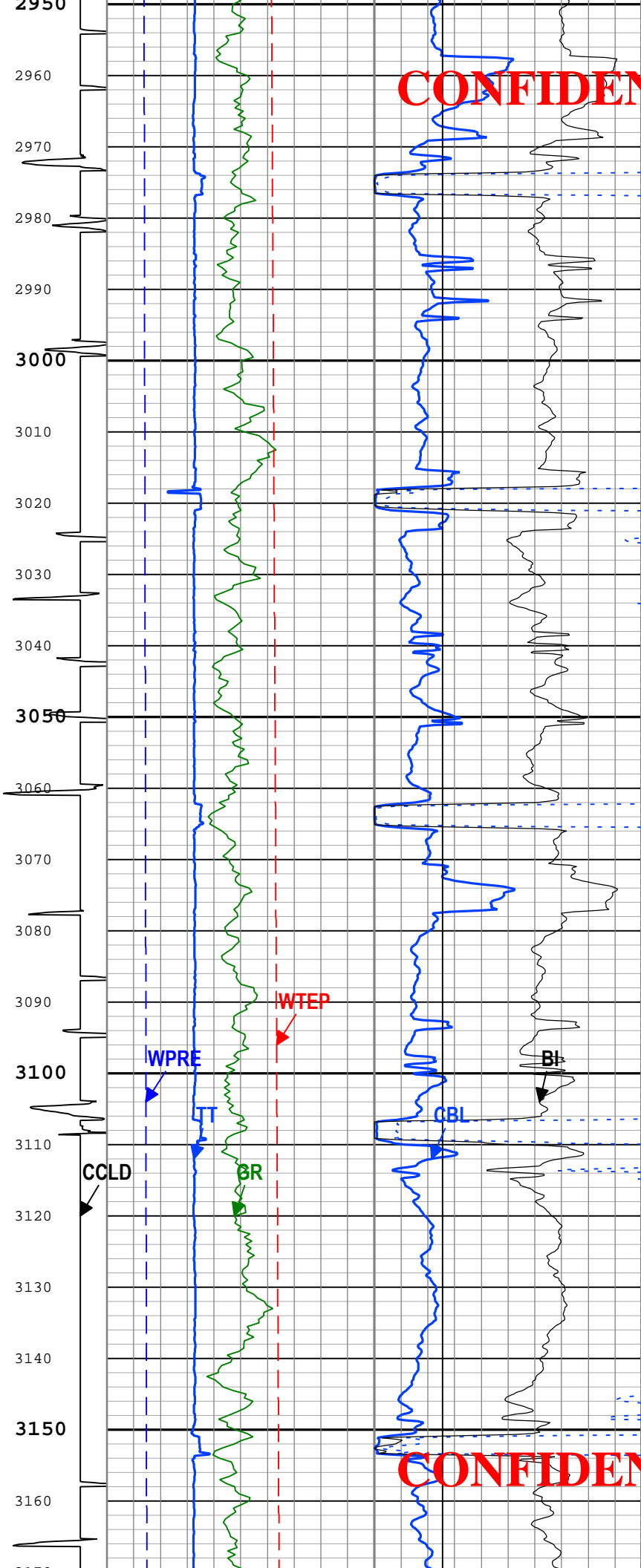




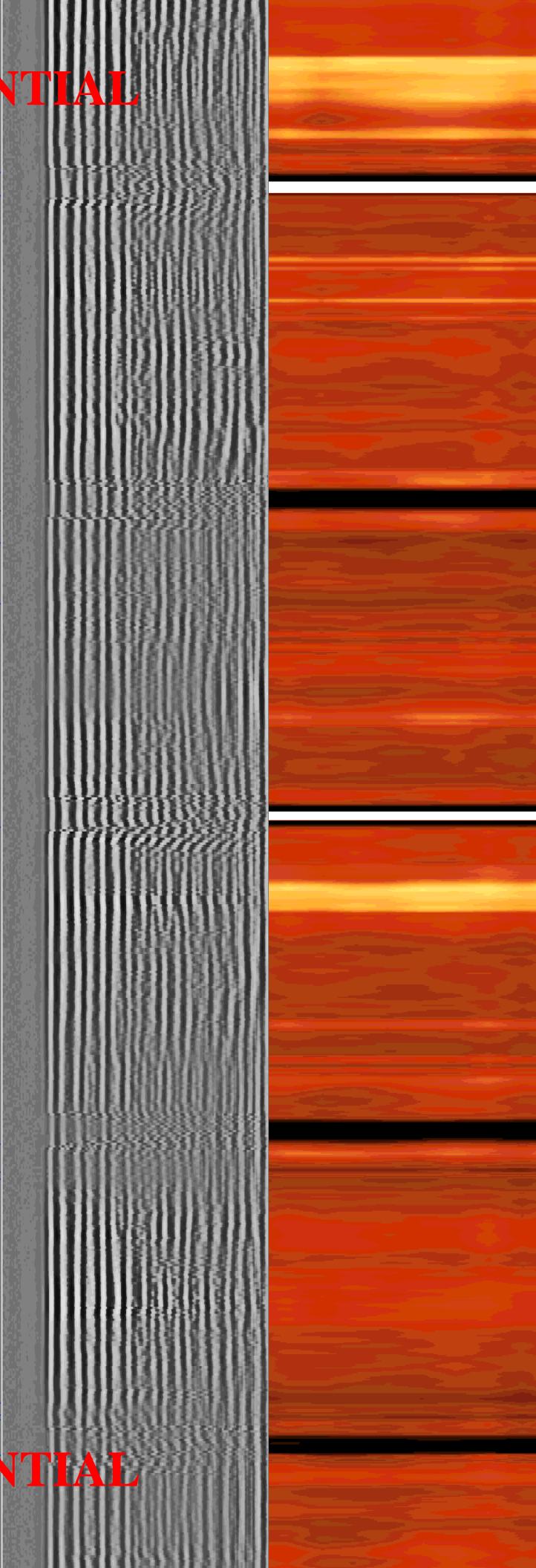
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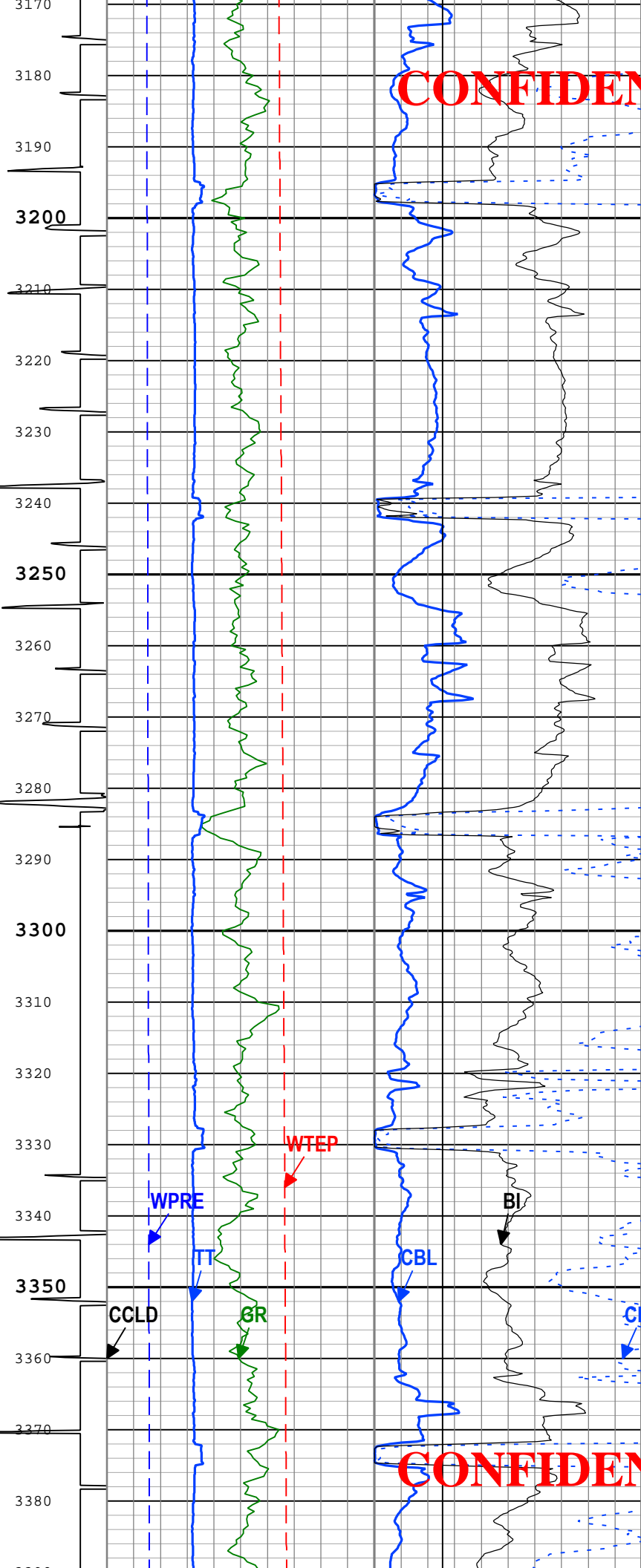


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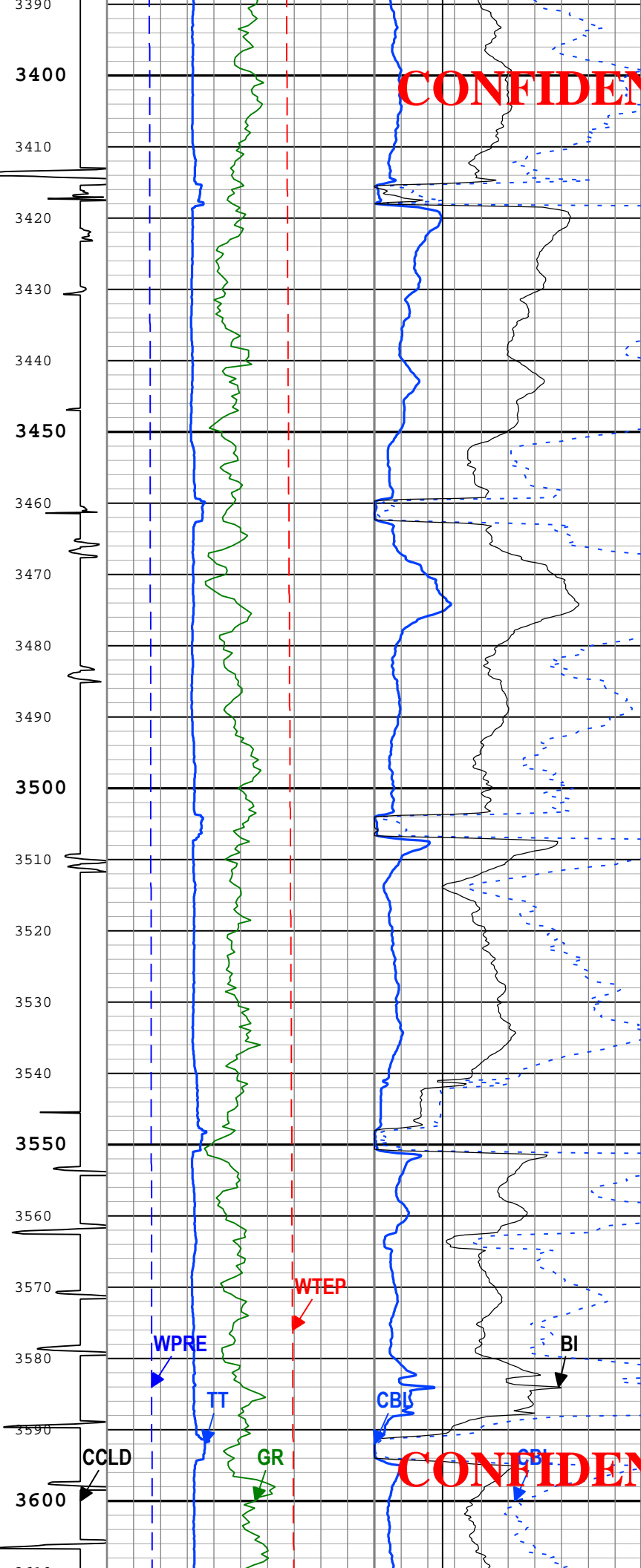
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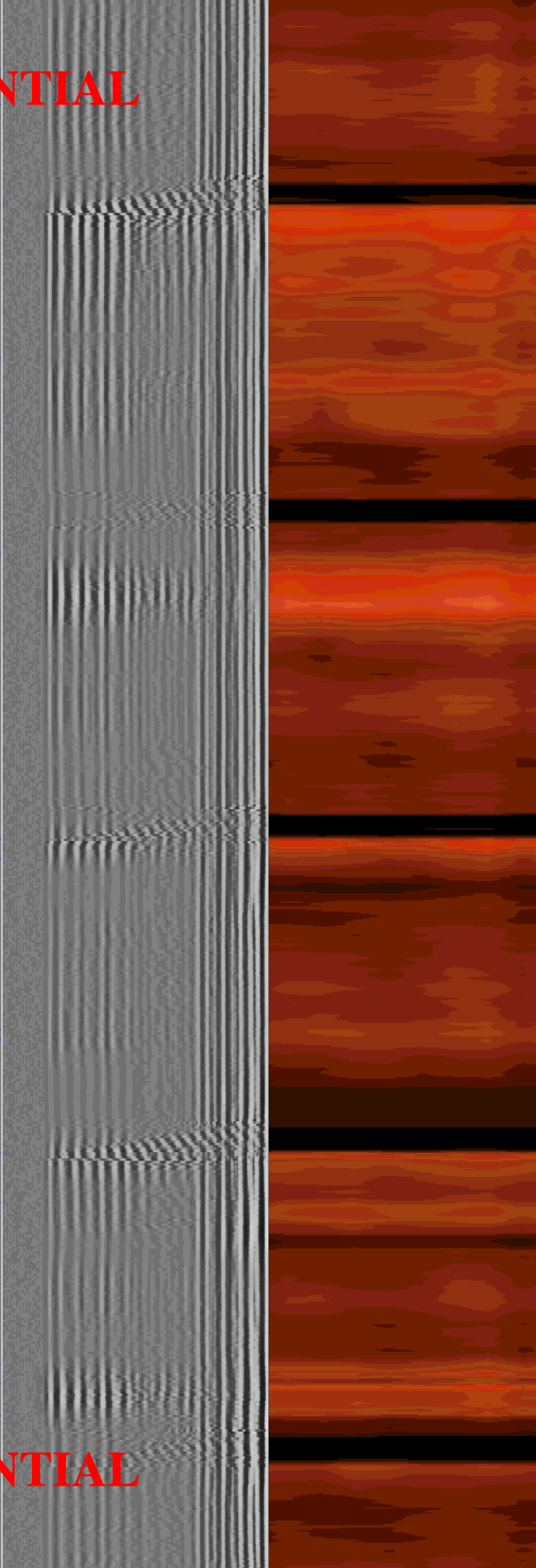
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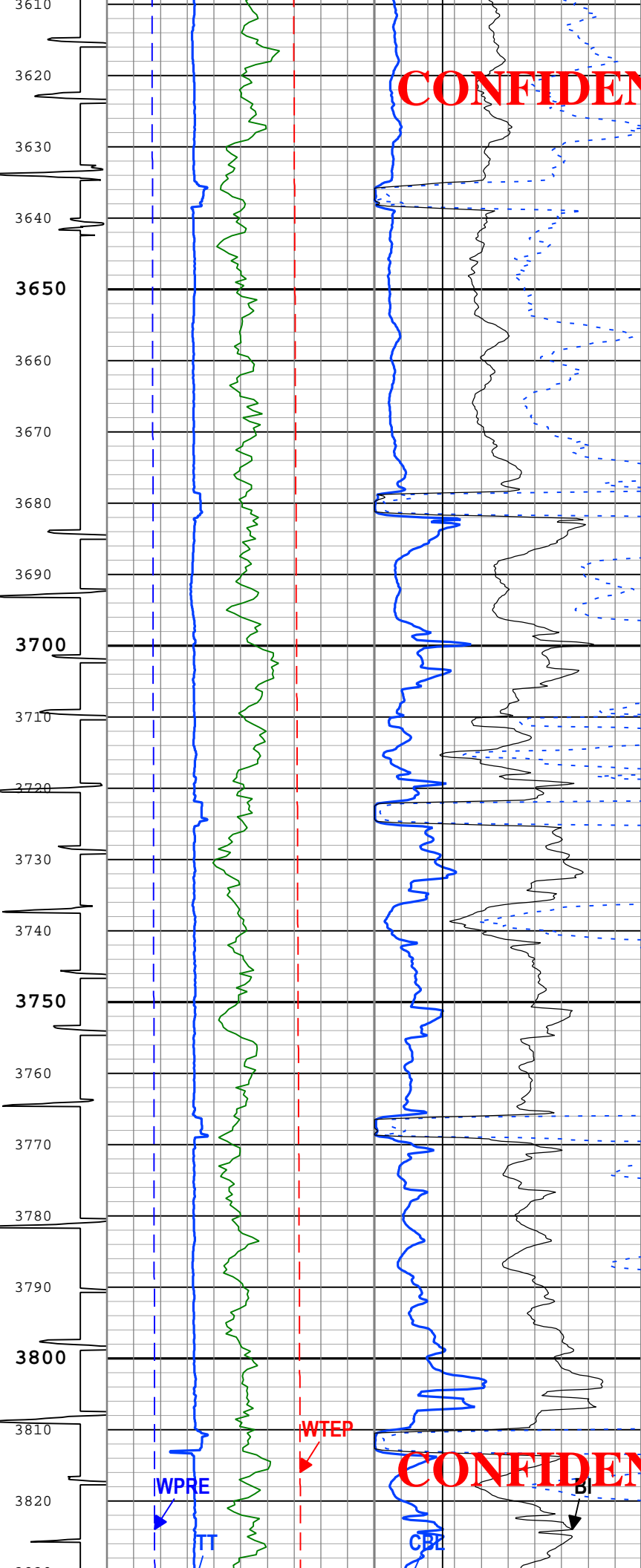
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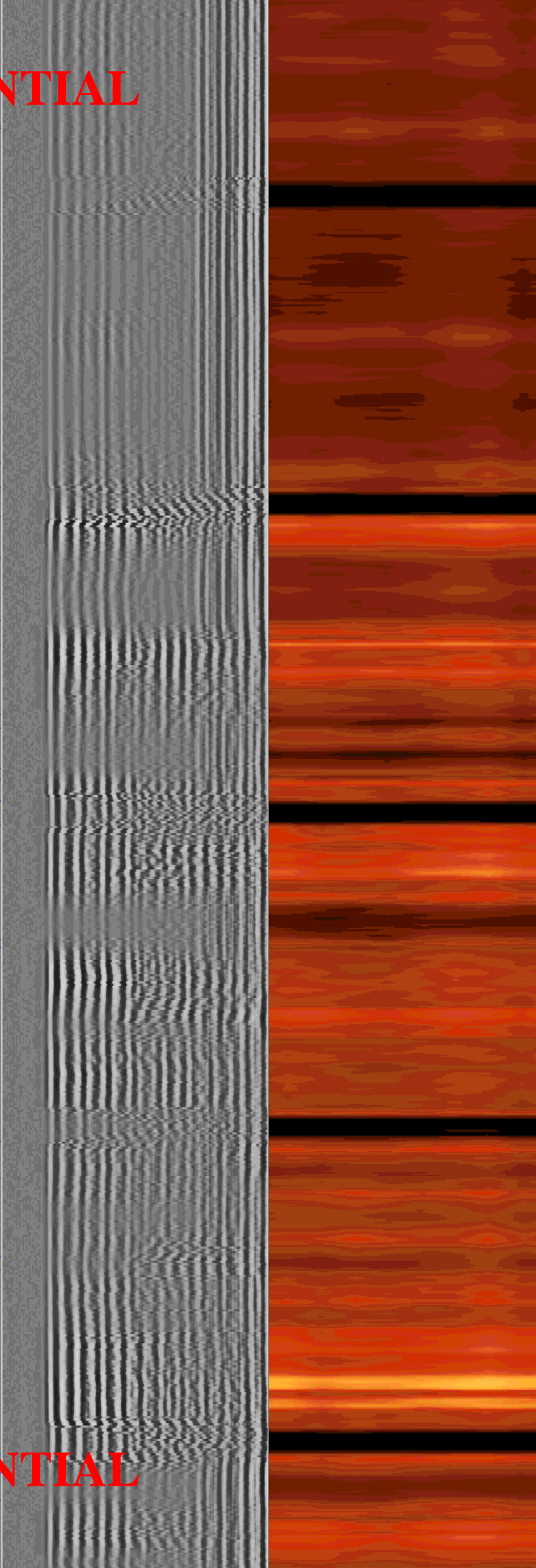
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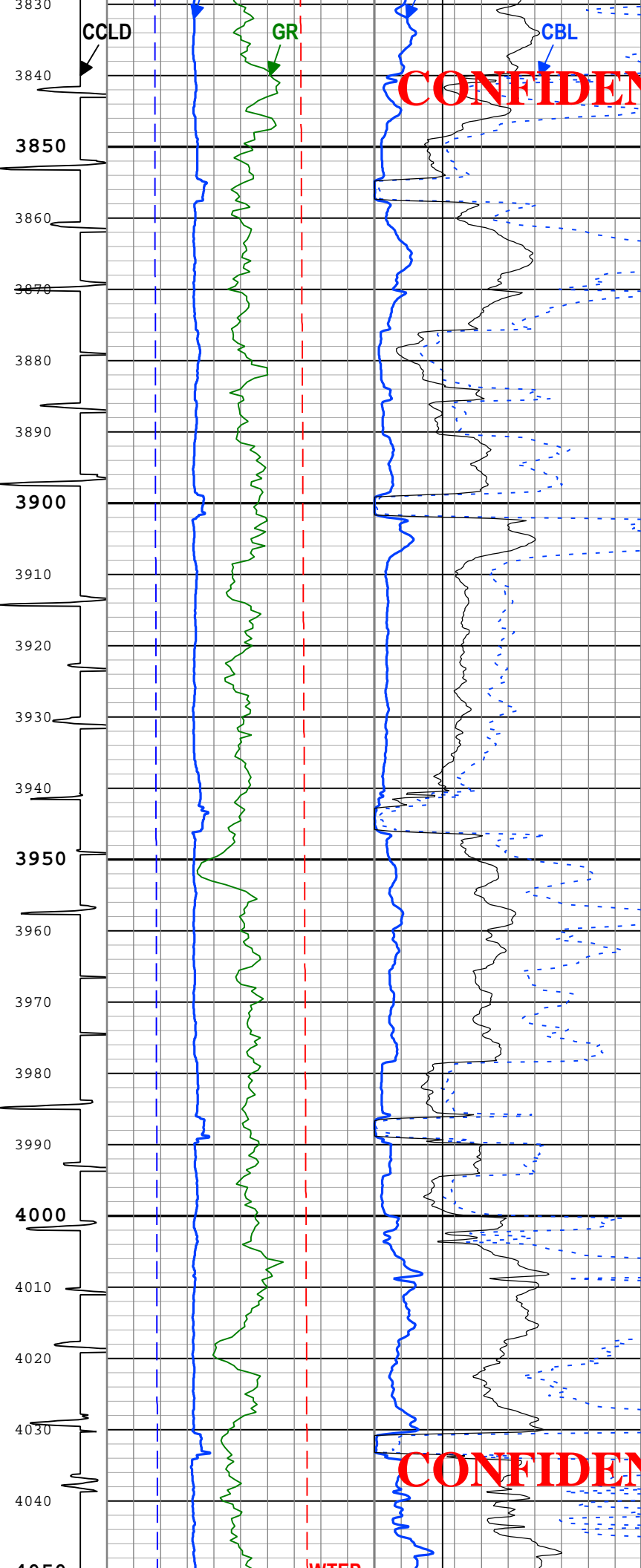




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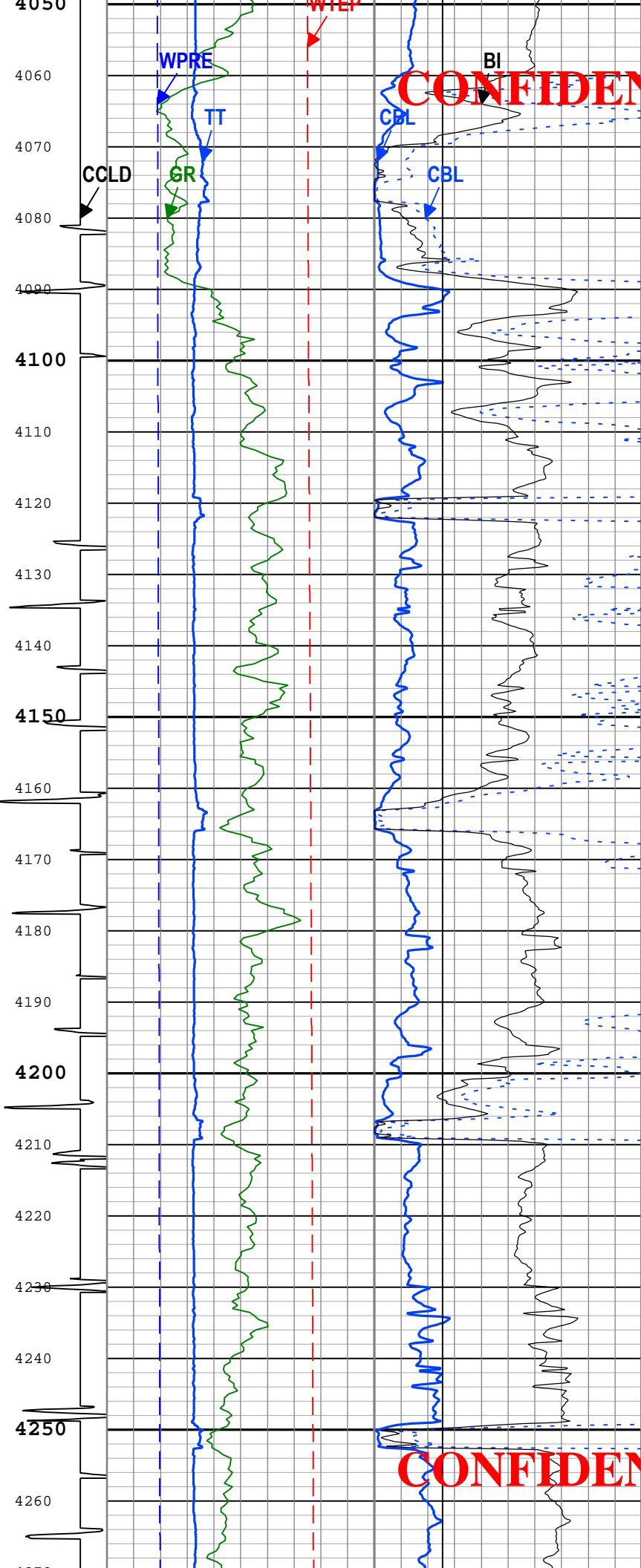




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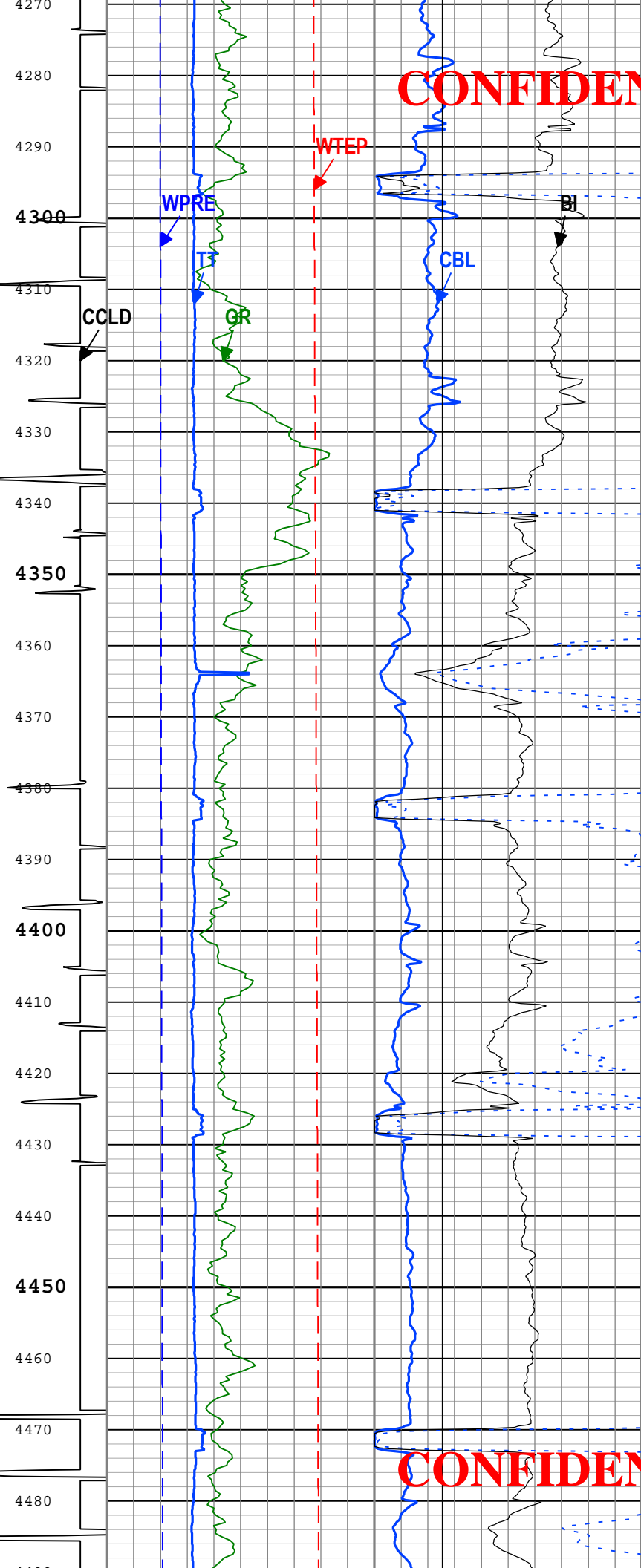
WTEP



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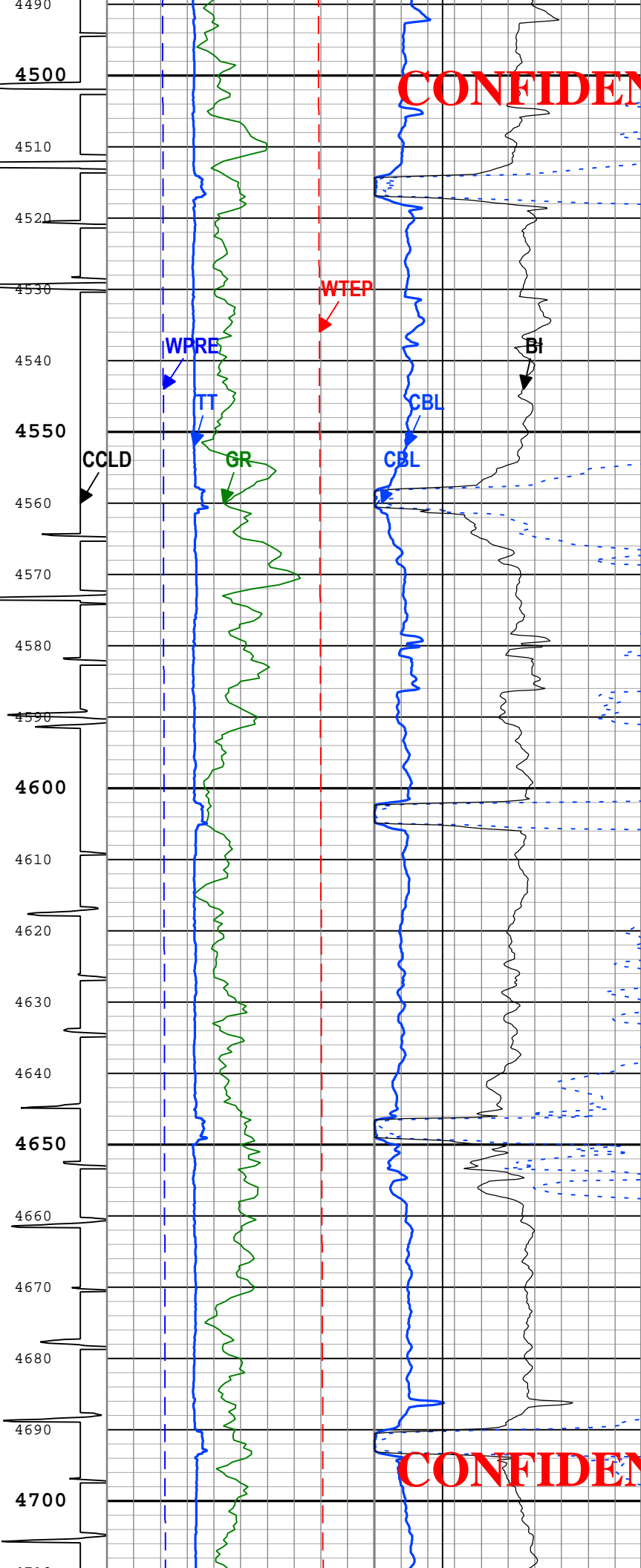
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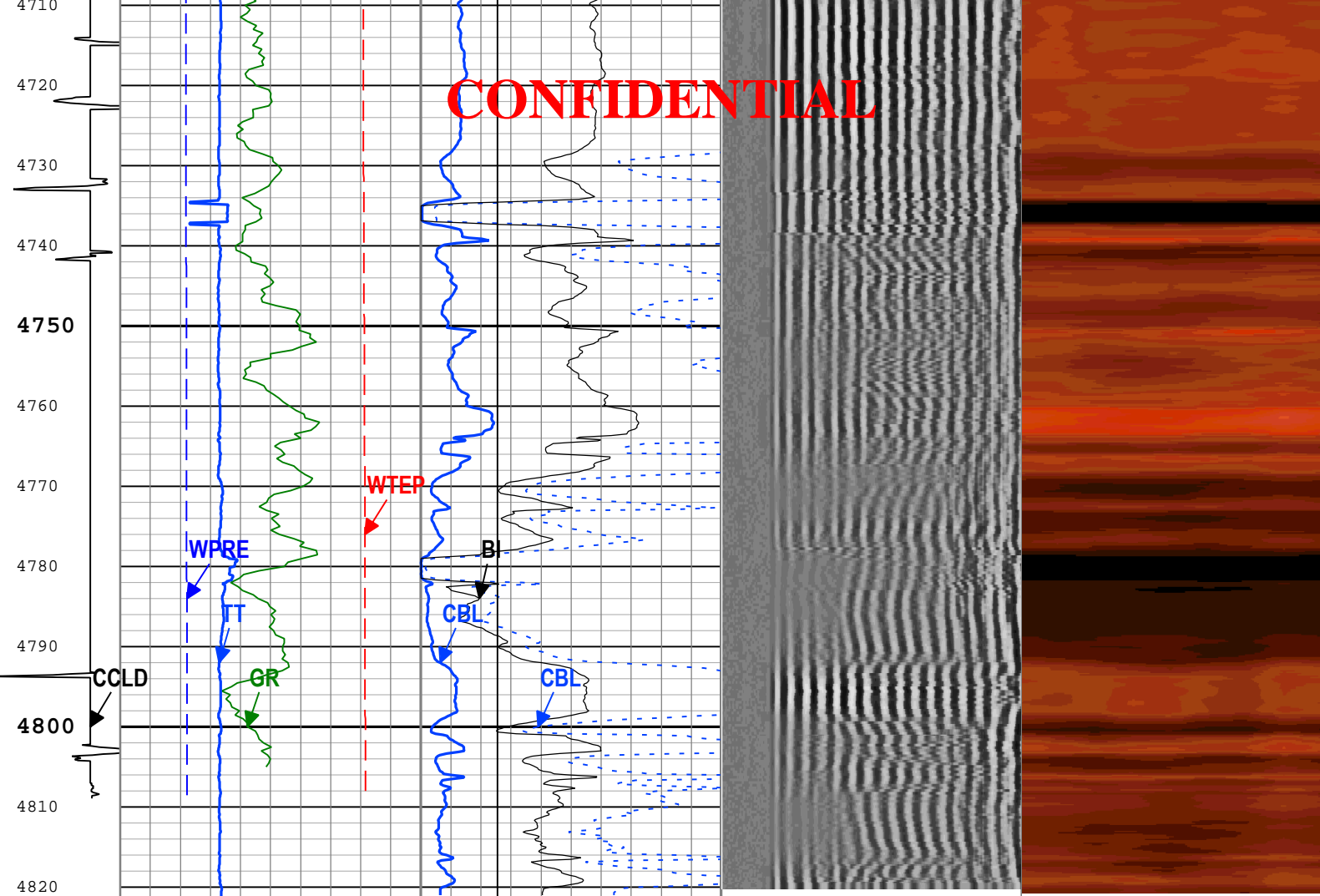




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CCL Discriminated Amplitude (CCLD) PSTP-A	Gamma Ray (GR) PSTP-A	CBL Amplitude (CBL) SCMT-CB	Min	Amplitude	Max	<p style="font-size: 8pt;">CBL Amplitude Mapping Image (0 - 100) SCMT-CB</p>
	0      gAPI      150	0      mV      10	200	us	1200	
3    V   -1	Transit Time for CBL (TT) SCMT-CB	CBL Amplitude (CBL) SCMT-CB				
	200      us      400	0      mV      100				
	Well Pressure (WPRE) PSTP-A	Good Bond (GOBO)				
	0      psi      10000	0      mV      10				
	Well Temperature (WTEP) PSTP-A	Bond Index (BI) SCMT-CB				
	0      degF      300	1      0				

TIME\_1900 - Time Marked every 60.00 (s)

Description: SCMT VDL Image    Format: Log ( SCMT\_VDL\_Image )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 04-Jan-2018 16:14:53

## Channel Processing Parameters

### 1: Parameters

Parameter	Description	Tool	Value	Unit
BHT	Bottom Hole Temperature	Borehole	186	degF
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	SCMT-CB	224	us
CBLG	CBL Gate Width	SCMT-CB	43	us
CBRA	CBL LQC Reference Amplitude in Free Pipe	SCMT-CB	Depth Zoned	mV
THNO	Nominal Casing Thickness (Zoned at rig logger depths)	WELLSS DN	0.304	in
DFD	Drilling Fluid Density	Borehole	9.1	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
DTMD	Borehole Fluid Slowness	Borehole	206	us/ft

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EDF	Elevation of Derrick Floor Above Permanent Datum	WLSESSION	12	ft
EPD	Elevation of Permanent Datum (PDAT) above Mean Sea Level	WLSESSION	2251	ft
GGRD	Geothermal Gradient	Borehole	1	0.01 degF/ft
GOBO_CURR	Good Bond in Arbitrary Cement	SCMT-CB	Depth Zoned	mV
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	GTEM_LINEST(RT)	
MAPG	SCMT MAP Peak Detection T0_Delay and Noise Gate	SCMT-CB	220.57	us
MATT_CURR	Maximum Attenuation in Arbitrary Cement	SCMT-CB	Depth Zoned	dB/ft
MCI	Minimum Cemented Interval for Isolation	SCMT-CB	Depth Zoned	ft
MMSA	MAP Minimum Sonic Amplitude	SCMT-CB	Depth Zoned	mV
MSA	Minimum Sonic Amplitude	SCMT-CB	Depth Zoned	mV
MSA_CURR	Minimum Sonic Amplitude in Arbitrary Cement	SCMT-CB	Depth Zoned	mV
PDAT	Permanent Datum	WLSESSION	GL	
RUN_SNUM	Run Sequence Number	WSDRUN	3	
SHT	Surface Hole Temperature	Borehole	68	degF

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## Depth Zone Parameters

Parameter	Value	Start ( ft )	Stop ( ft )
CBRA	0	0	12
CBRA	71	12	4821.67
GOBO_CURR	0	0	12
GOBO_CURR	2.55	12	4821.67
MATT_CURR	0	0	12
MATT_CURR	13.94	12	4821.67
MCI	0	0	12
MCI	4.75	12	4821.67
MMSA	0	0	12
MMSA	7.12	12	4821.67
MSA	0	0	12
MSA	1.11	12	4821.67
MSA_CURR	0	0	12
MSA_CURR	1.11	12	4821.67

All depth are actual.

## Tool Control Parameters

### 1: Parameters

Parameter	Description	Tool	Value	Unit
CMTM	SCMT Operating Mode	SCMT-CB	Log	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	1800	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-A	Time Zoned	

## Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth ( ft )	Stop Depth ( ft )
PCCG	12 dB	02-Jan-2018 14:33:44	02-Jan-2018 14:37:25	4829.84	4614.37
PCCG	24 dB	02-Jan-2018 14:37:25	02-Jan-2018 14:39:37	4614.37	4481.5
PCCG	12 dB	02-Jan-2018 14:39:37	02-Jan-2018 15:50:55	4481.5	6.08

All depth are at tool zero.

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REPEAT PASS

Software Version

Acquisition System	Version
Maxwell 2018	8.0.95333.3100

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**Pass Summary**

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
1	Log[5]:Up	Up	4328.56 ft	4828.64 ft	02-Jan-2018 14:21:02	02-Jan-2018 14:29:31	ON	0.00 ft	No

All depths are referenced to toolstring zero

**Log**

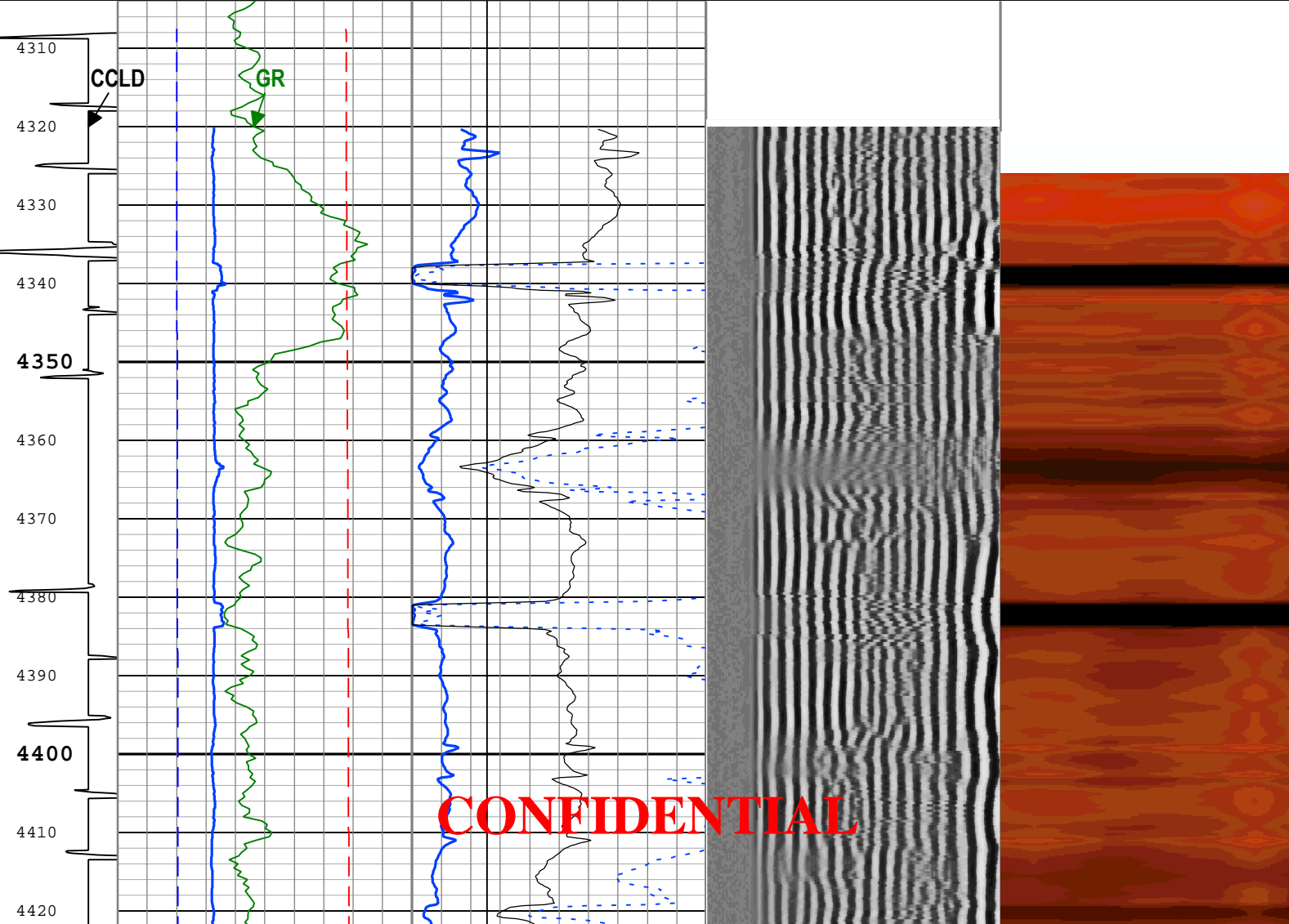
Company:Alta Mesa Resources LP Well:ML INVESTMENTS 3-10

1: Log[5]:Up:S003

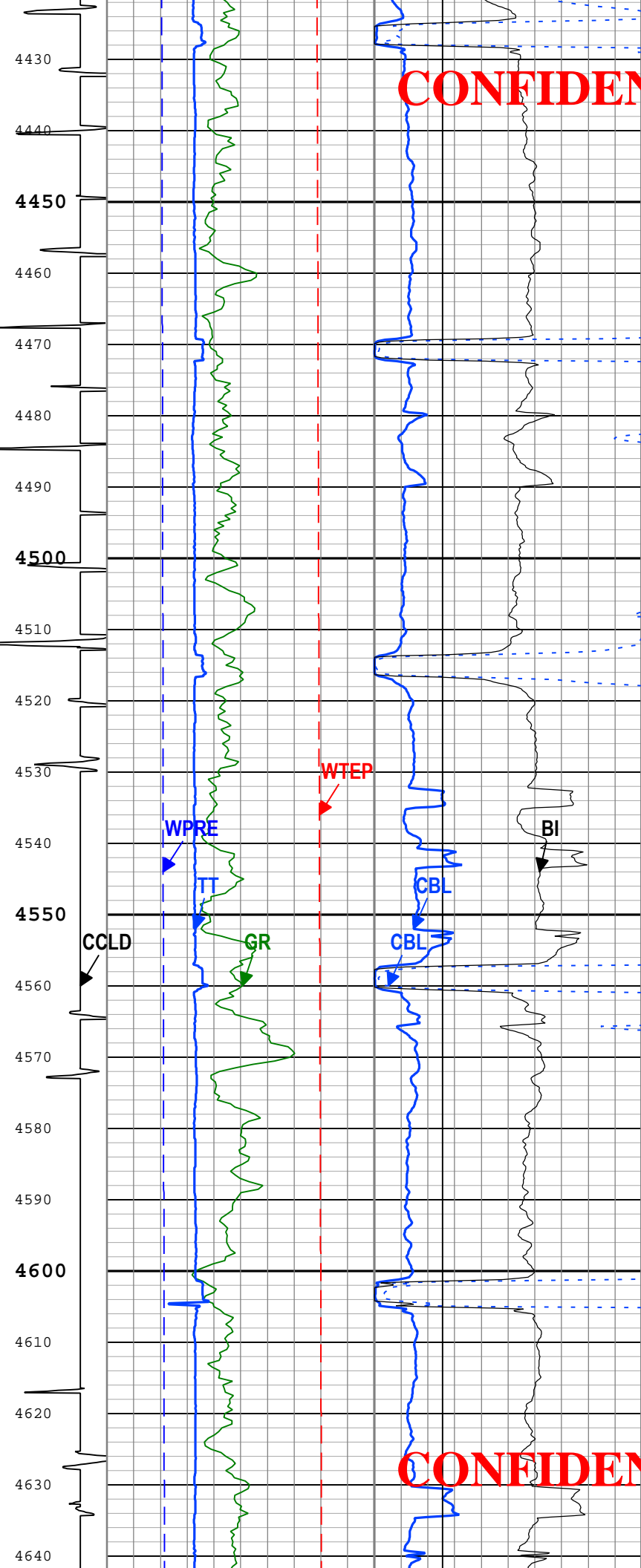
Description: SCMT VDL Image Format: Log ( SCMT\_VDL\_Image ) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 04-Jan-2018 16:15:05

TIME\_1900 - Time Marked every 60.00 (s)

CCL Discriminated Amplitude (CCLD) PSTP-A	Gamma Ray (GR) PSTP-A	0	gAPI	150	CBL Amplitude (CBL) SCMT-CB	0	mV	10	Min Amplitude Max VDL VariableDensity (VDL) SCMT-CB CBL Amplitude Mapping Image (0-100) SCMT-CB
	Transit Time for CBL (TT) SCMT-CB	200	us	400	CBL Amplitude (CBL) SCMT-CB	0	mV	100	
	Well Pressure (WPRE) PSTP-A	0	psi	10000	Good Bond (GOBO)	0	mV	10	
	Well Temperature (WTEP) PSTP-A	0	degF	300	Bond Index (BI) SCMT-CB	0	us	1200	
	3 V -1								

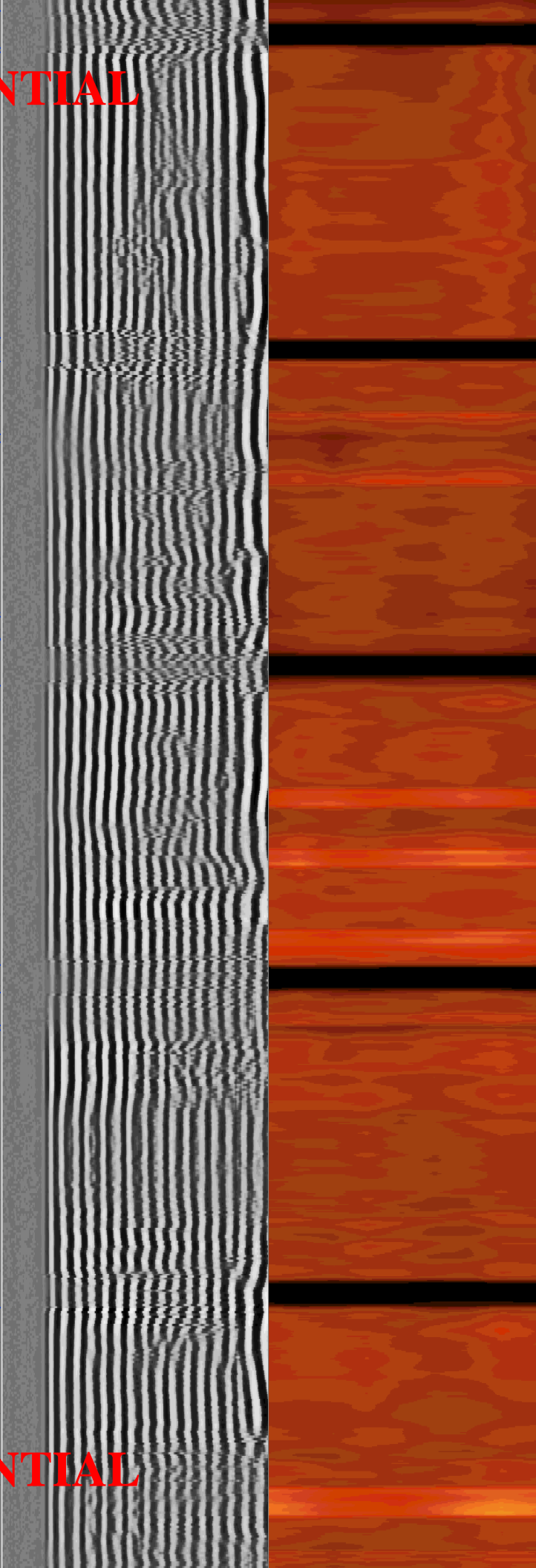


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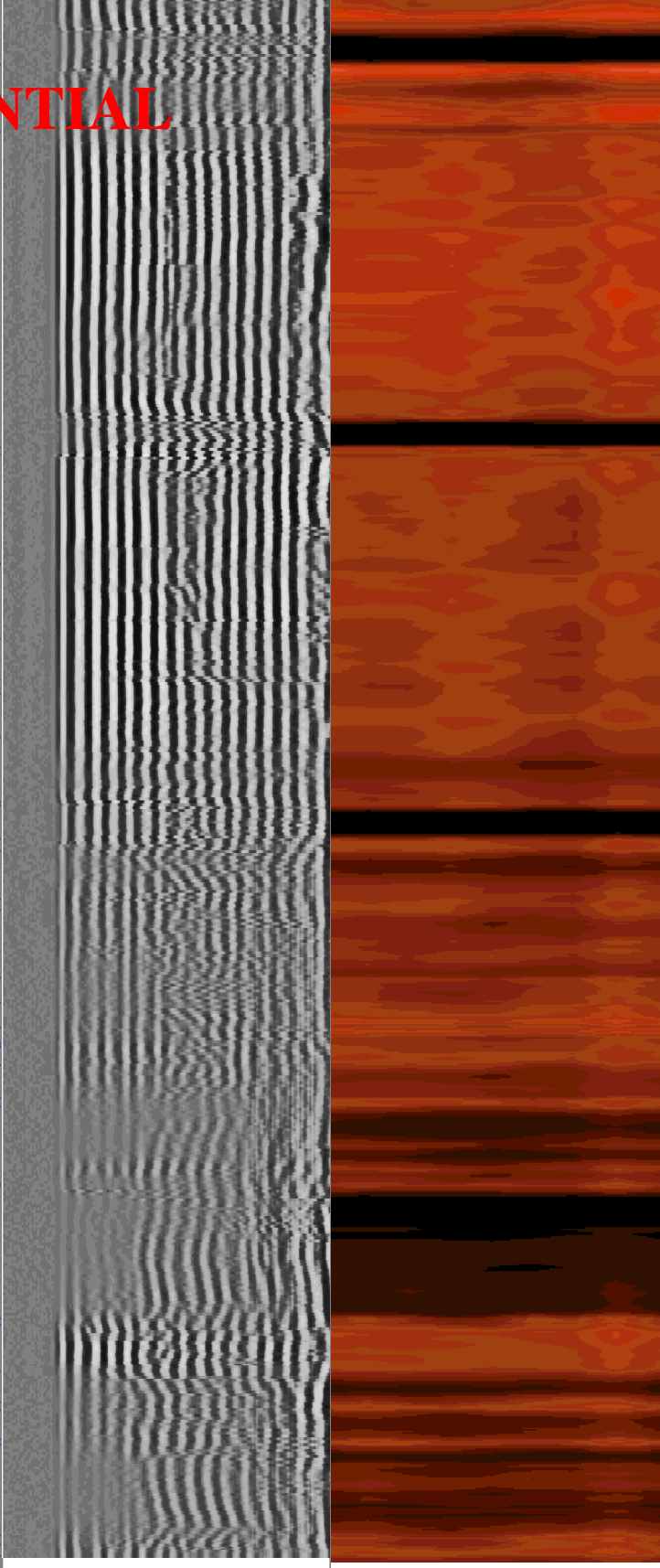
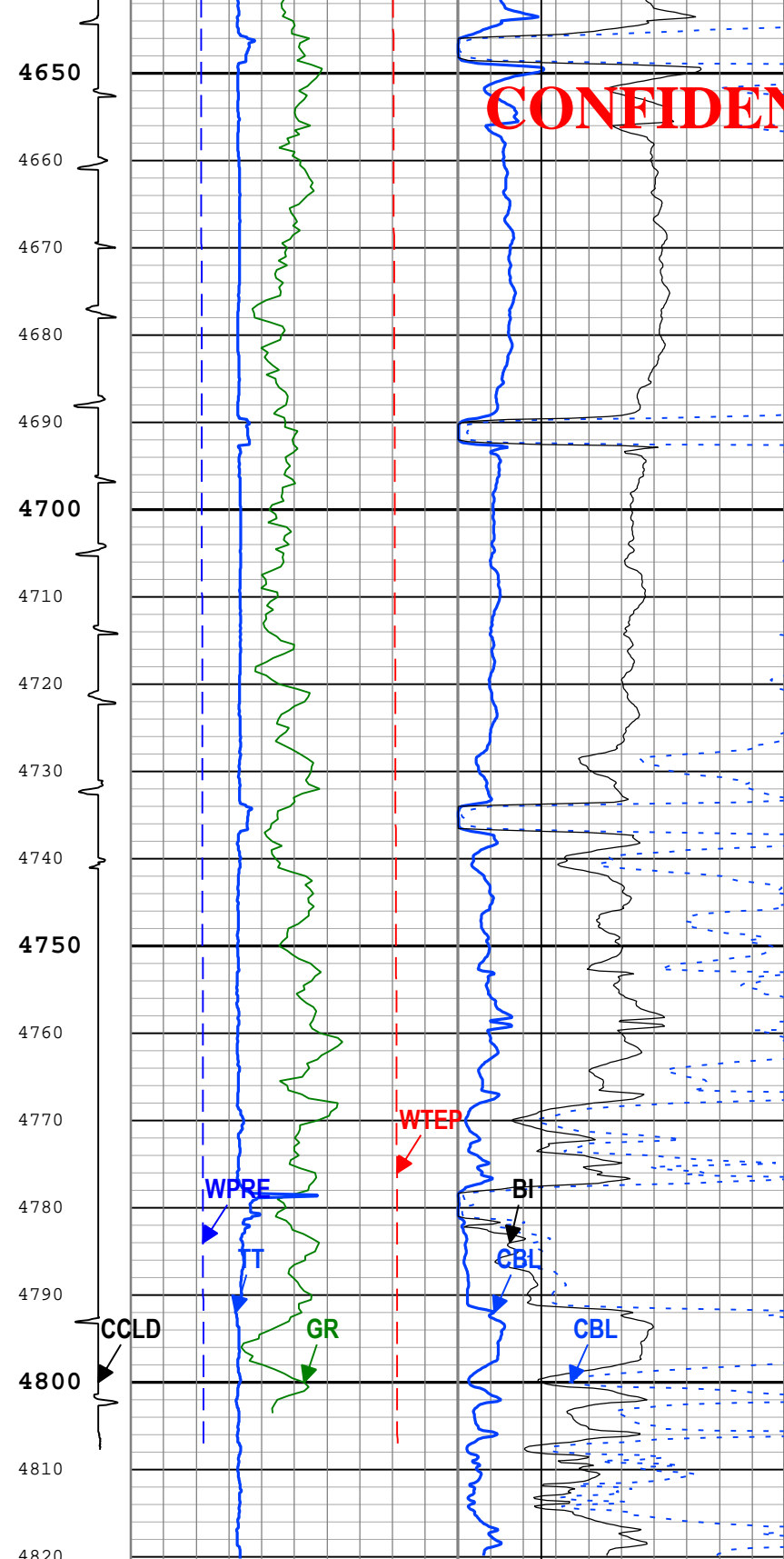


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CCL Discriminated Amplitude (CCLD) PSTP-A	Gamma Ray (GR) PSTP-A	CBL Amplitude (CBL) SCMT-CB	Min	Amplitude	Max	Absent	7.500	17.500	27.500	37.500	47.500	57.500	67.500	77.500	87.500	97.500
	0	gAPI														
3	Transit Time for CBL (TT) SCMT-CB	CBL Amplitude (CBL) SCMT-CB	200	us	1200	VDL VariableDensity (VDL) SCMT-CB	CBL Amplitude Mapping Image (0 - 100) SCMT-CB									
	200	us						400	0	mV	100					
V	Well Pressure (WPRE) PSTP-A	Good Bond (GOBO)	0	m	10	<b>CONFIDENTIAL</b>										
	0	psi														10000
-1	Well Temperature (WTEP) PSTP-A		1		0											

TIME\_1900 - Time Marked every 60.00 (s)

Description: SCMT VDL Image Format: Log ( SCMT\_VDL\_Image ) Index Scale: 5 per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 04-Jan-2018 16:15:05

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**Channel Processing Parameters**

**1: Parameters**

Parameter	Description	Tool	Value	Unit
BHT	Bottom Hole Temperature	Borehole	186	degF
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	SCMT-CB	224	us
CBLG	CBL Gate Width	SCMT-CB	43	us
CBRA	CBL LQC Reference Amplitude in Free Pipe	SCMT-CB	71	mV
THNO	Nominal Casing Thickness - Zoned along logger depths	WLSESSION	0.304	in
DFD	Drilling Fluid Density	Borehole	9.1	lbm/gal
DFT_CATEGORY	Drilling Fluid Type	Borehole	Water	
DTMD	Borehole Fluid Slowness	Borehole	206	us/ft
EDF	Elevation of Derrick Floor Above Permanent Datum	WLSESSION	12	ft
EPD	Elevation of Permanent Datum (PDAT) above Mean Sea Level	WLSESSION	2251	ft
GGRD	Geothermal Gradient	Borehole	1	0.01 degF/ft
GOBO_CURR	Good Bond in Arbitrary Cement	SCMT-CB	2.55	mV
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	GTEM_LINEST(RT)	
MAPG	SCMT MAP Peak Detection T0_Delay and Noise Gate	SCMT-CB	220.57	us
MATT_CURR	Maximum Attenuation in Arbitrary Cement	SCMT-CB	13.94	dB/ft
MCI	Minimum Cemented Interval for Isolation	SCMT-CB	4.75	ft
MMSA	MAP Minimum Sonic Amplitude	SCMT-CB	7.12	mV
MSA	Minimum Sonic Amplitude	SCMT-CB	1.11	mV
MSA_CURR	Minimum Sonic Amplitude in Arbitrary Cement	SCMT-CB	1.11	mV
PDAT	Permanent Datum	WLSESSION	GL	
RUN_SNUM	Run Sequence Number	WSDRUN	3	
SHT	Surface Hole Temperature	Borehole	68	degF

**Tool Control Parameters**

**1: Parameters**

Parameter	Description	Tool	Value	Unit
CMTM	SCMT Operating Mode	SCMT-CB	Log	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	1800	ft/h
PCCG	PSP Downhole CCL Gain	PSTP-A	Time Zoned	

**Time Zone Parameters**

Parameter	Value	Start Time	Stop Time	Start Depth ( ft )	Stop Depth ( ft )
PCCG	0 dB	02-Jan-2018 14:21:02	02-Jan-2018 14:24:00	4828.64	4654.47
PCCG	12 dB	02-Jan-2018 14:24:00	02-Jan-2018 14:29:31	4654.47	4328.56

All depth are at tool zero.

**Calibration Report**

**SCMT-CB (Slim Cement Mapping Tool, 1-11/16 OD) Calibration - Run 1**

Primary Equipment : Slim Cement Mapping Sonde SCMS-CB 8179

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**CBL and MAP Amplitude Normalization - Measurements**

Master (File): 16:13:39 04-Jan-2018

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit





Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Normalization Temperature in SFT Tube	degF	Master			68.00		
CBL Correction Factor		Master			0.068		
MAP 1 Correction Factor		Master	0		0.082		
MAP 2 Correction Factor		Master	0		0.077		
MAP 3 Correction Factor		Master	0		0.078		
MAP 4 Correction Factor		Master	0		0.083		
MAP 5 Correction Factor		Master	0		0.080		
MAP 6 Correction Factor		Master	0		0.090		
MAP 7 Correction Factor		Master	0		0.091		
MAP 8 Correction Factor		Master	0		0.088		

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**PSTP-A (PSP Telemetry Platform A - Sapphire) Calibration - Run 1**

Primary Equipment :  
 PBMS-A PBMS-A 1876  
 Calibration Parameter :  
 JIG-BKGD

**PBMS Well Temp Master Calibration**

Master (EEPROM): 17:00:00 01-Aug-2002						
PBMS_RTD_THERM RTD Coefficients (Master)						
	Tt**0	Tt**1	Tt**2	Tt**3	Tt**4	Tt**5
Tt**0	-183.3381	-39.48272	46.30136	-6.556795	0.3653536	0

**PBMS Gamma Ray Master Calibration**

Master (EEPROM): 17:00:00 24-Jun-2002		
PBMS_GR_MODEL GR Coefficients (Master)		
	Rt**0	Rt**1
Rt**0	2000	3640

**PBMS A Reference Clock Master Calibration**

Master (EEPROM): 17:00:00 01-Aug-2002						
PBMS_REF_CLOCK PBMS A Clock Coefficients (Master)						
	Temp**0	Temp**1	Temp**2	Temp**3	Temp**4	Temp**5
Temp**0	-177.4083	-1.711792	-0.1368635	0.001033989	1.092908E-06	0

**PBMS A Sapphire Master Calibration**

Master (EEPROM): 17:00:00 01-Aug-2002						
PBMS_P_GAUGE_PRES Sapphire Pressure Model Coefficients (Master)						
	Tt**0	Tt**1	Tt**2	Tt**3	Tt**4	Tt**5
TP**0	-5358.421	6767.457	-3208.912	551.2302	-34.79261	0
TP**1	6606.907	-5487.333	2364.492	-398.3919	24.97789	0
TP**2	-7.653244	10.906	5.13777	0	0	0
TP**3	-2.290351	0.6637624	0	0	0	0
TP**4	0	0	0	0	0	0
TP**5	0	0	0	0	0	0

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	Tp**0	Tp**1	Tp**2	Tp**3	Tp**4	Tp**5
Tt**0	-288.6391	-0.8571072	-0.547994	0.1852625	-0.01748013	0
Tt**1	63.81622	1.173637	-0.04105549	-0.0003457193	-0.0002442157	0
Tt**2	9.443471	-0.2547513	0.003767251	0	0	0
Tt**3	-0.564233	0.02143222	0	0	0	0
Tt**4	0	0	0	0	0	0
Tt**5	0	0	0	0	0	0

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Company: Alta Mesa Resources LP  
 Well: ML INVESTMENTS 3-10  
 Field: Willow  
 County: Payette  
 State: Idaho



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Slim Cement Mapping Tool  
 CBL - VDL

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