

Company: International Ocean Discovery Program

Well: Expedition 399, Site U1601C

Field: Building Blocks of Life, Atlantis Massif

Rig Name: JOIDES Resolution Country: Portugal

Rig Name: JOIDES Resolution

Field: Building Blocks of Life, Atlantis Massif

Location: Latitude: N 30° 7.9417'

Well: Expedition 399, Site U1601C

Company: International Ocean Discovery Program

Vertical Seismic Profile (VSP)

EDTC/LEH-PT: GR/MTep

Latitude: N 30° 7.9417'		Elev.: K.B.	
Longitude: W 42° 7.2072'		G.L. -861.00 m	
		D.F. 11.20 m	
Permanent Datum:		Mean Sea Level	
Log Measured From:		Drill Floor 11.20 m	
Drilling Measured From:		Drill Floor	
Ocean		Max Hole Deviation	
North Atlantic		9.5	
		Longitude: -40.120120 degrees	
		Latitude: 30.132360 degrees	

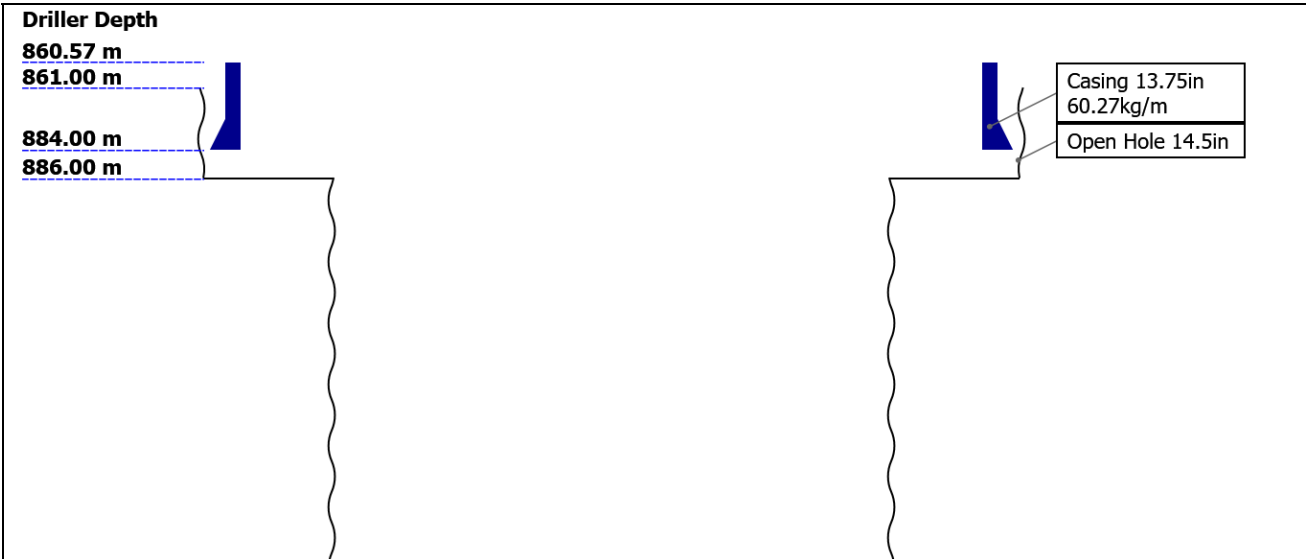
Logging Date	28-May-2023
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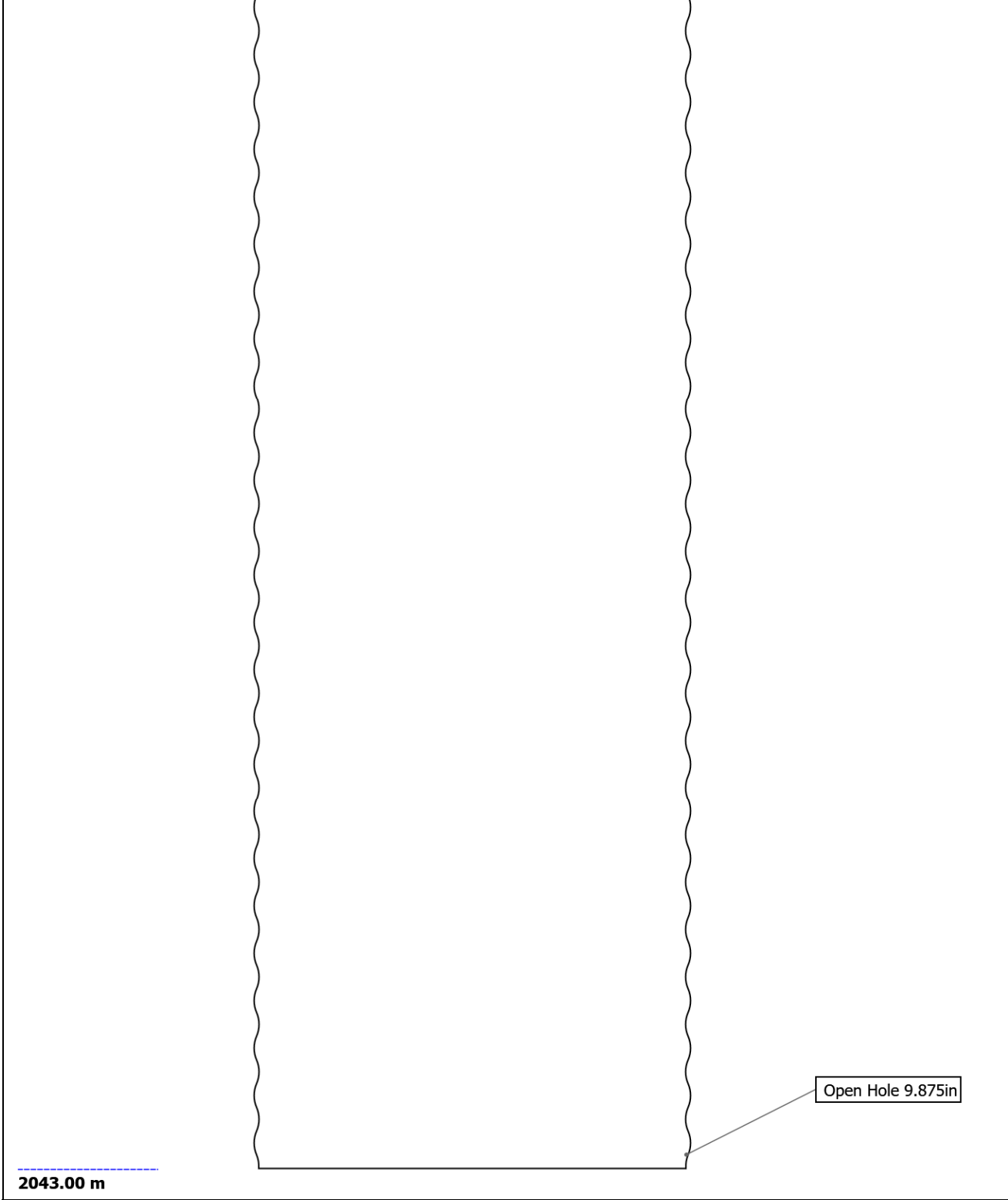
Run Number	5				
Depth Driller	2043.00 m				
Schlumberger Depth	2043.00 m				
Bottom Log Interval	1929.00 m				
Top Log Interval	639.00 m				
Casing Driller Size @ Depth	13.75 in		@	884.00 m	
Casing Schlumberger	884 m				
Bit Size	9.875 in				
Type Fluid In Hole	Water				
Density	1.2 g/cm3				
Fluid Loss	PH				
MUD	Source of Sample				
	Active Tank				
RM @ Meas Temp	0.2 ohm.m		@	20 degC	
RMF @ Meas Temp	0.15 ohm.m		@	20 degC	
RMC @ Meas Temp					
Source RMF	RMC		Pressed		
RM @ BHT	RMF @ BHT	0.07	@ 100	0.05 @ 100	
Max Recorded Temperatures	88.23 degC				

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.

Well Sketch





Borehole Size/Casing/Tubing Record

Bit						
Bit Size ( in )	14.5	9.875				
Top Driller ( m )	861	886				
Top Logger ( m )	861	886				
Bottom Driller ( m )	886	2043				
Bottom Logger ( m )	886	2043				
Casing						
Size ( in )	13.75					
Weight ( kg/m )	60.27					

Inner Diameter ( in )	13.2					
Grade	K55					
Top Driller ( m )	860.57					
Top Logger ( m )	860.57					
Bottom Driller ( m )	884					
Bottom Logger ( m )	884					

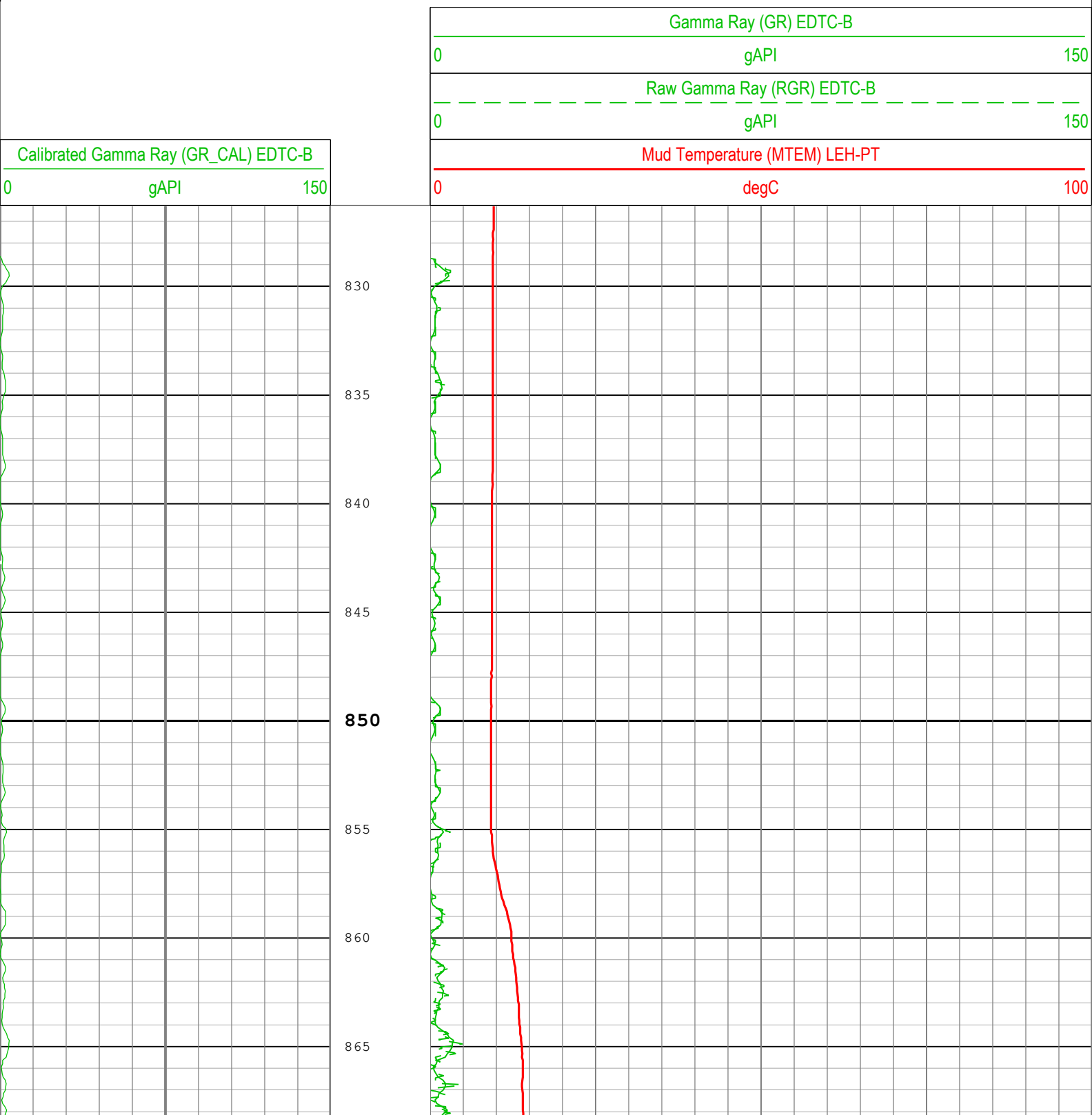
Remarks and Equipment Summary

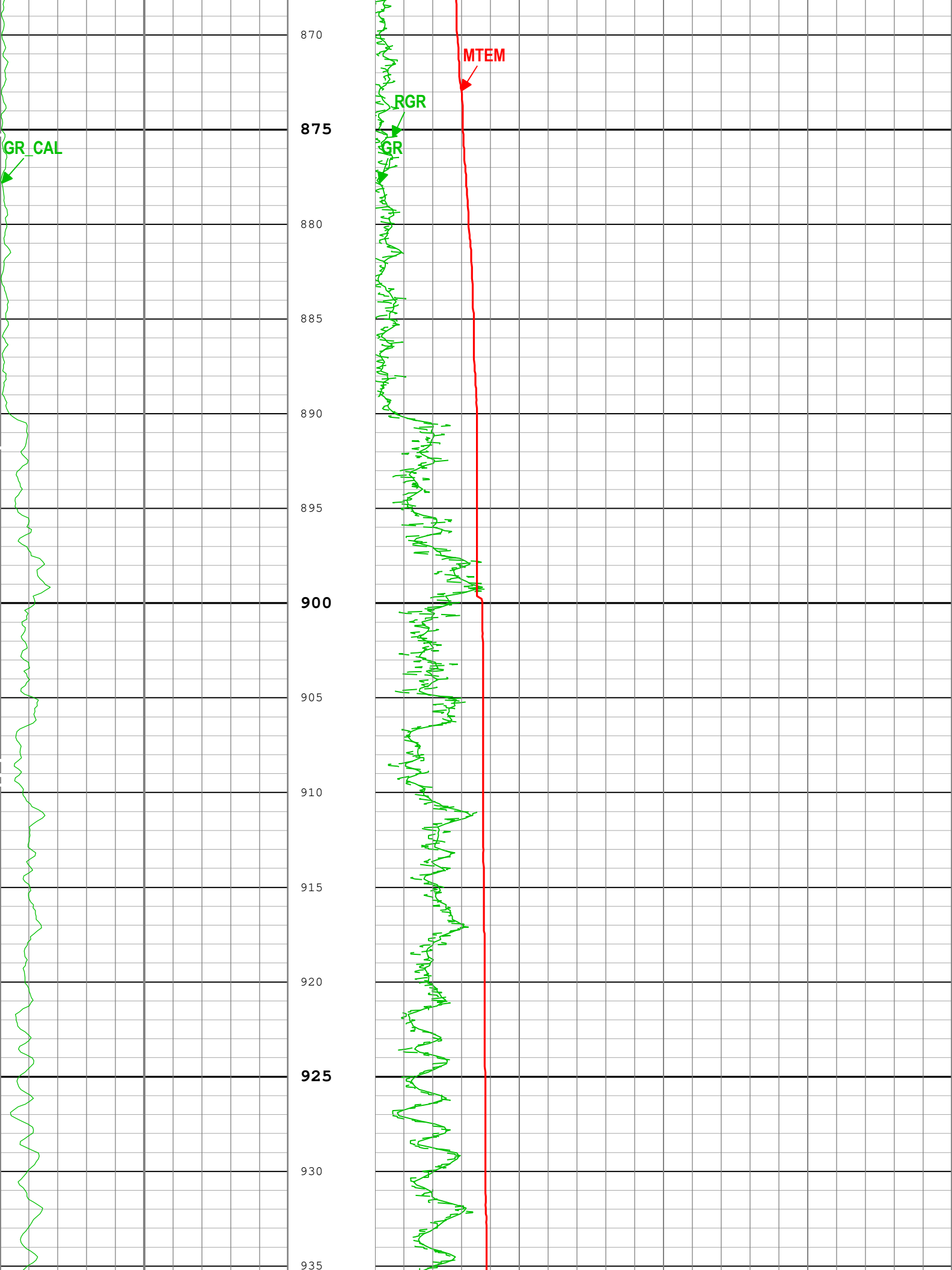
5: Toolstring				5: Remarks
<div><div>Equip name</div><div>LEH-PT</div><div>LEH-PT</div></div>	<div><div>Length</div><div>12.11</div></div>	<div><div>MP name</div><div></div></div>	<div><div>Offset</div><div></div></div>	Tool was run as per tool sketch
				All logging intervals as per client request
				Shot were recieved from one G-Gun
<div><div>AH-233</div></div>	<div><div>11.17</div></div>			<div><div>CTEM</div><div>7.54</div></div> <div><div>ACCZ</div><div>0.00</div></div> <div><div>HV</div><div>0.00</div></div> <div><div>Gamma Ray</div><div>6.97</div></div> <div><div>TelStatus</div><div>6.62</div></div> <div><div>M Sn:8006</div><div></div></div> <div><div>M</div><div></div></div>
<div><div>EDTC-B:8081</div><div>EDTH-B:8226</div><div>EDTG-B:79159</div><div>EDTC-B:8081</div></div>	<div><div>10.79</div></div>	<div><div>M</div></div>		
<div><div>AH-241</div></div>	<div><div>8.81</div></div>			
<div><div>VSIT-CA:8034A</div><div>VSPH-PA</div><div>VSPC-B:8006</div><div>VSCH-P</div><div>VSCC-B:8005</div><div>AH-244:8043</div><div>VSIS-PC:8034A</div><div>VSIA-PA</div></div>	<div><div>8.55</div></div>	<div><div>M</div></div>		

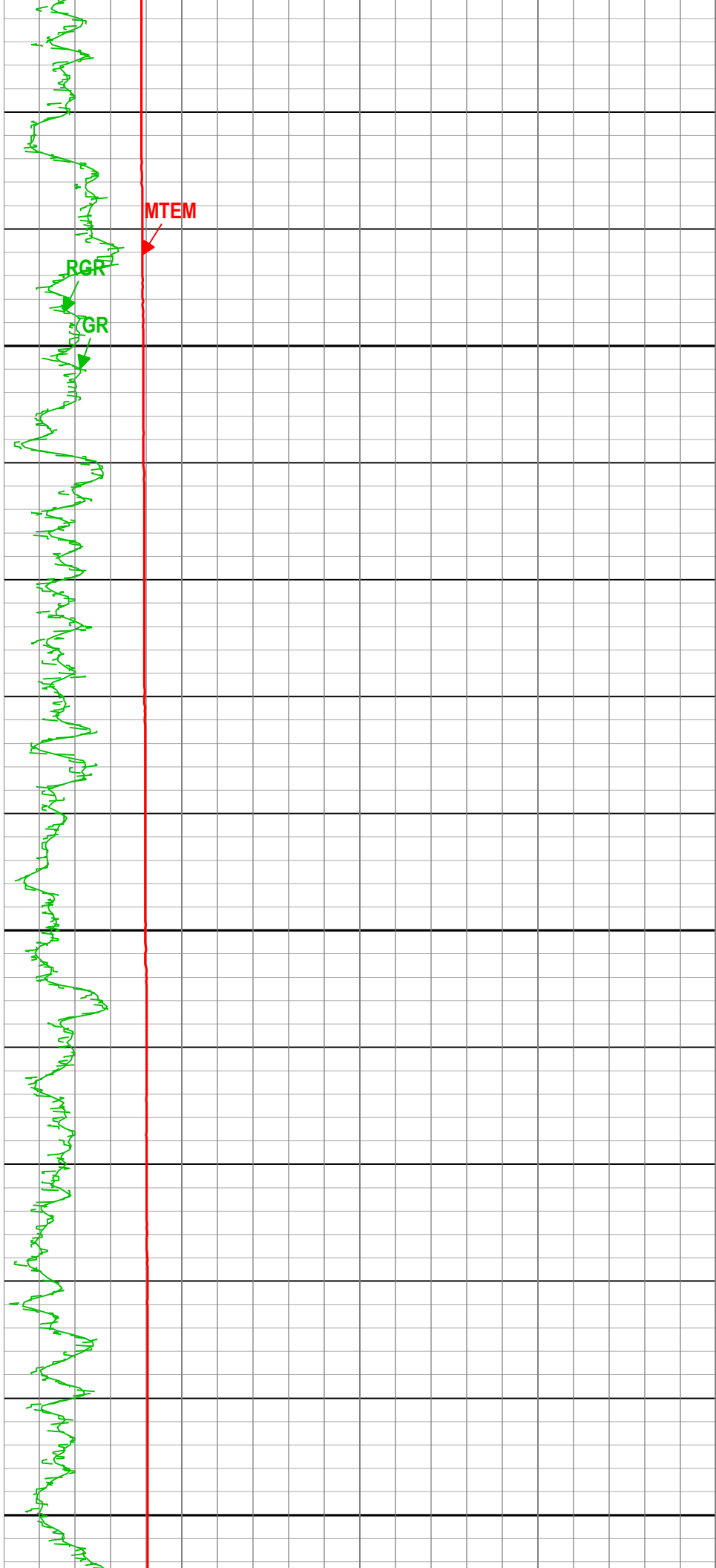
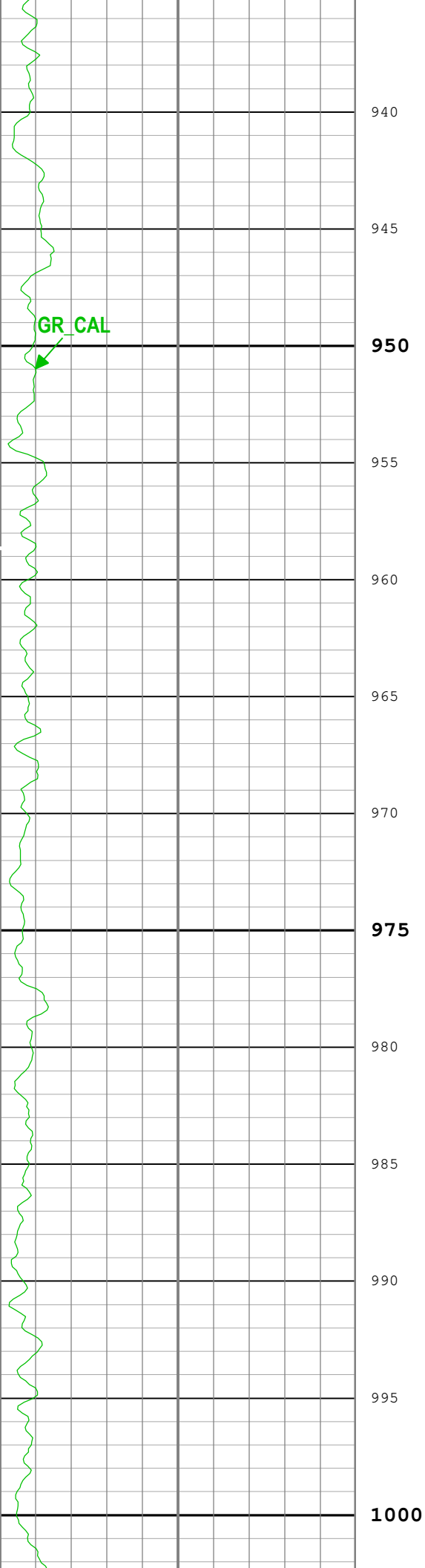
Pass Summary									
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
5	Log[3]:Down	Down	835.56 m	1930.16 m	28-May-2023 5:55:53 PM	28-May-2023 6:53:06 PM	ON	0.00 m	No
All depths are referenced to toolstring zero									

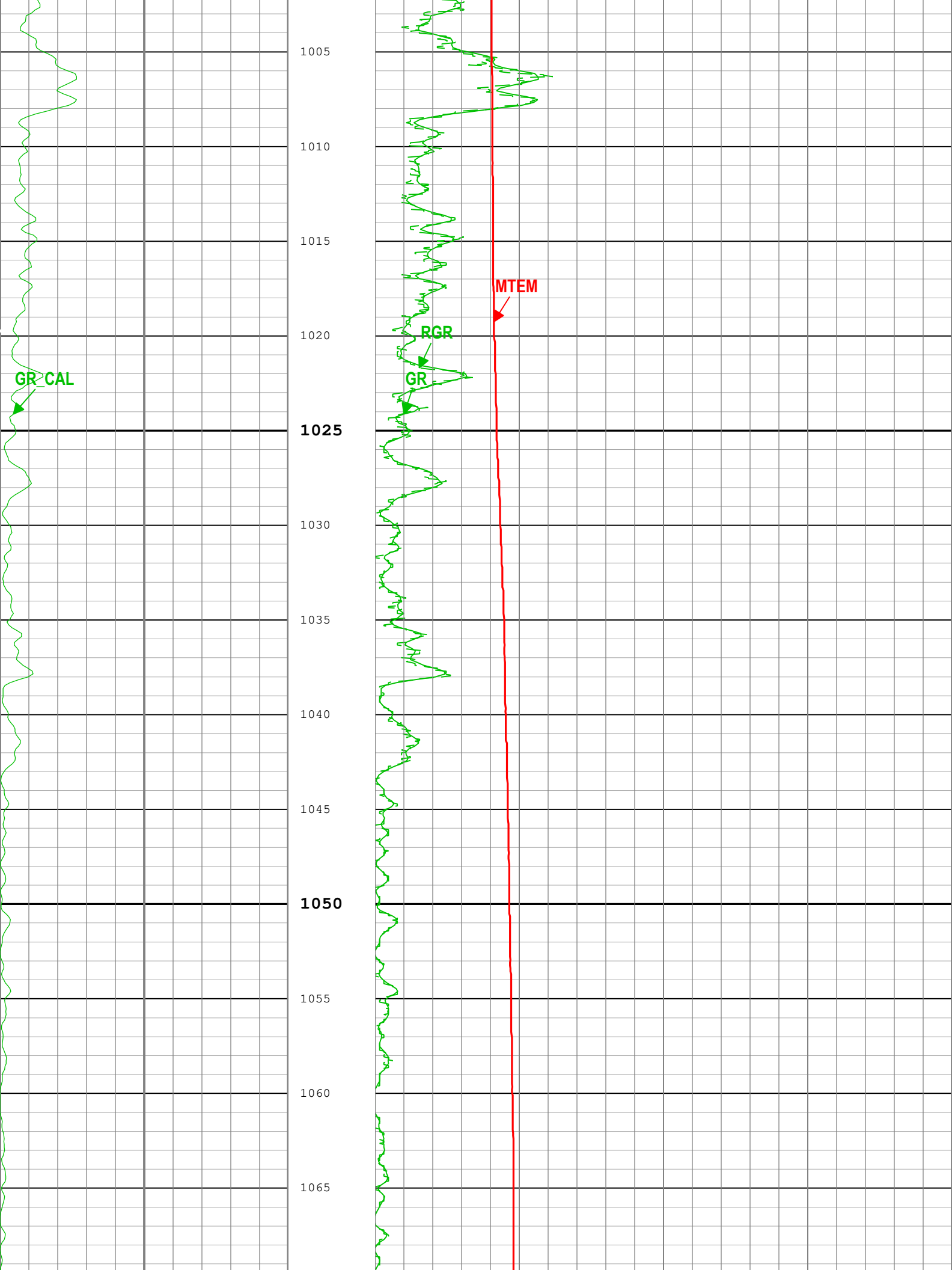
Description: DEPTH Domain Log for EDTCB GR channels    Format: Log ( EDTCB GR )    Index Scale: 1:240    Index Unit: m    Index Type: Measured Depth  
Creation Date: 31-May-2023 20:51:45

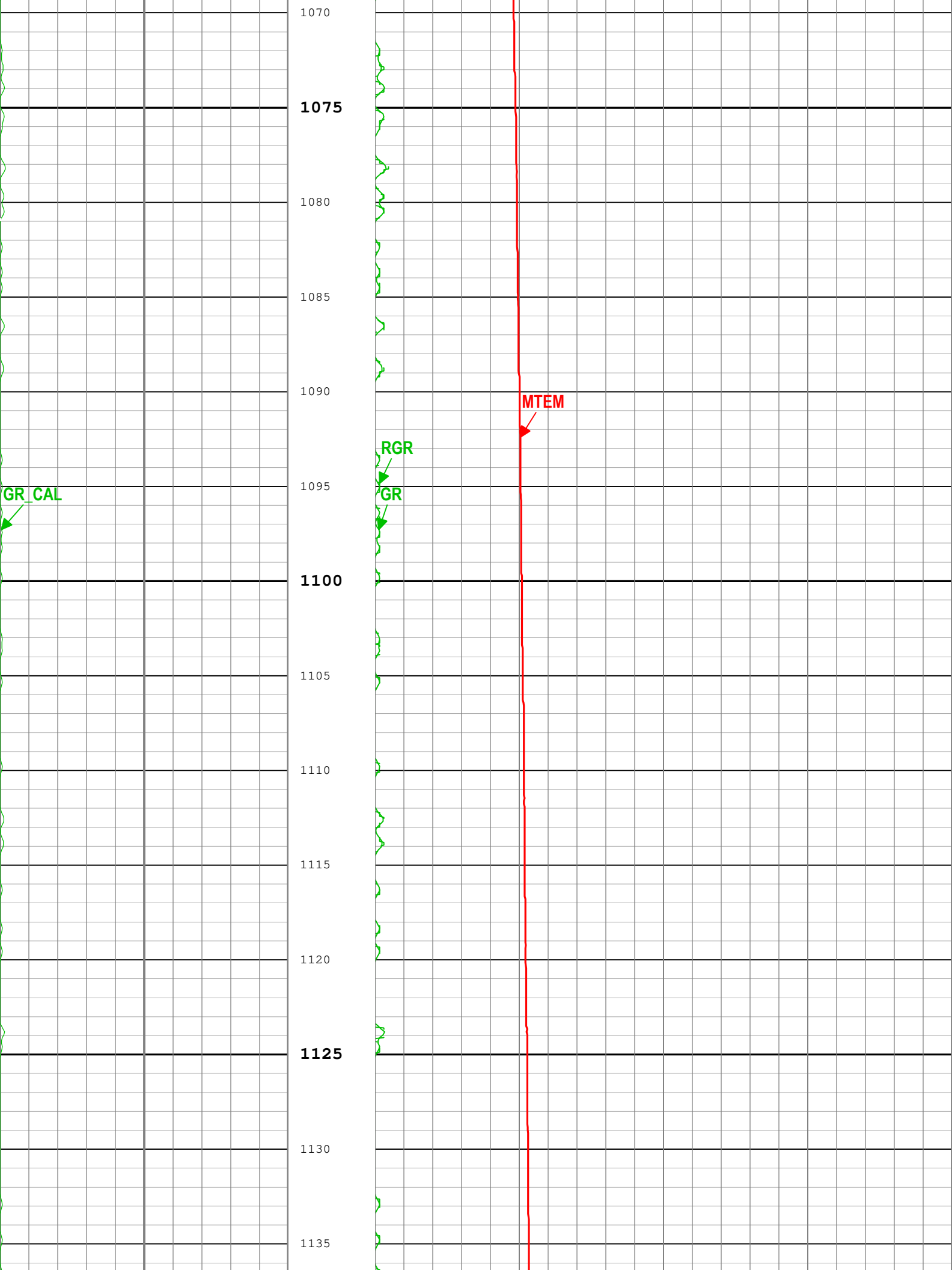
TIME\_1900 - Time Marked every 60.00 (s)







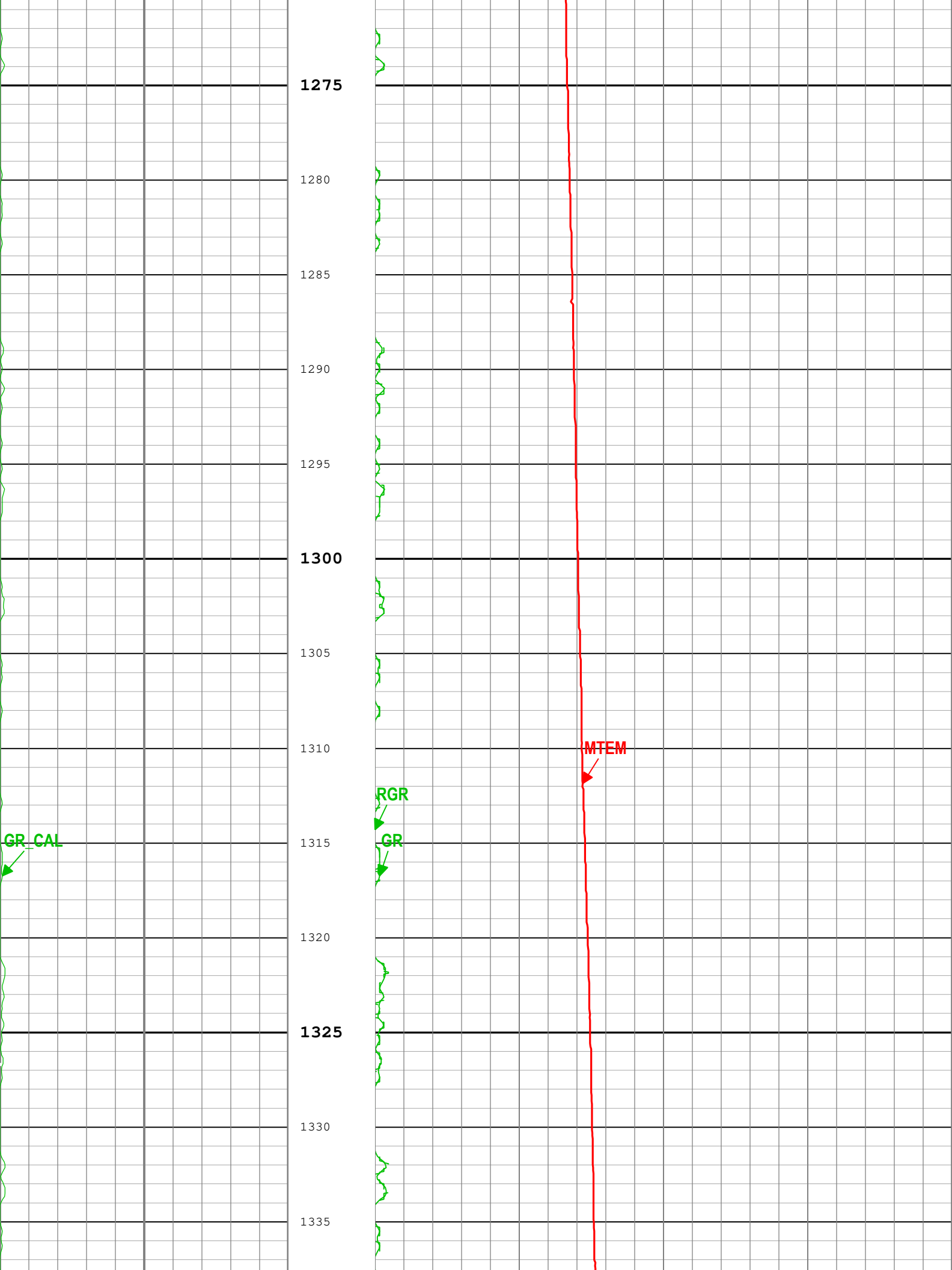


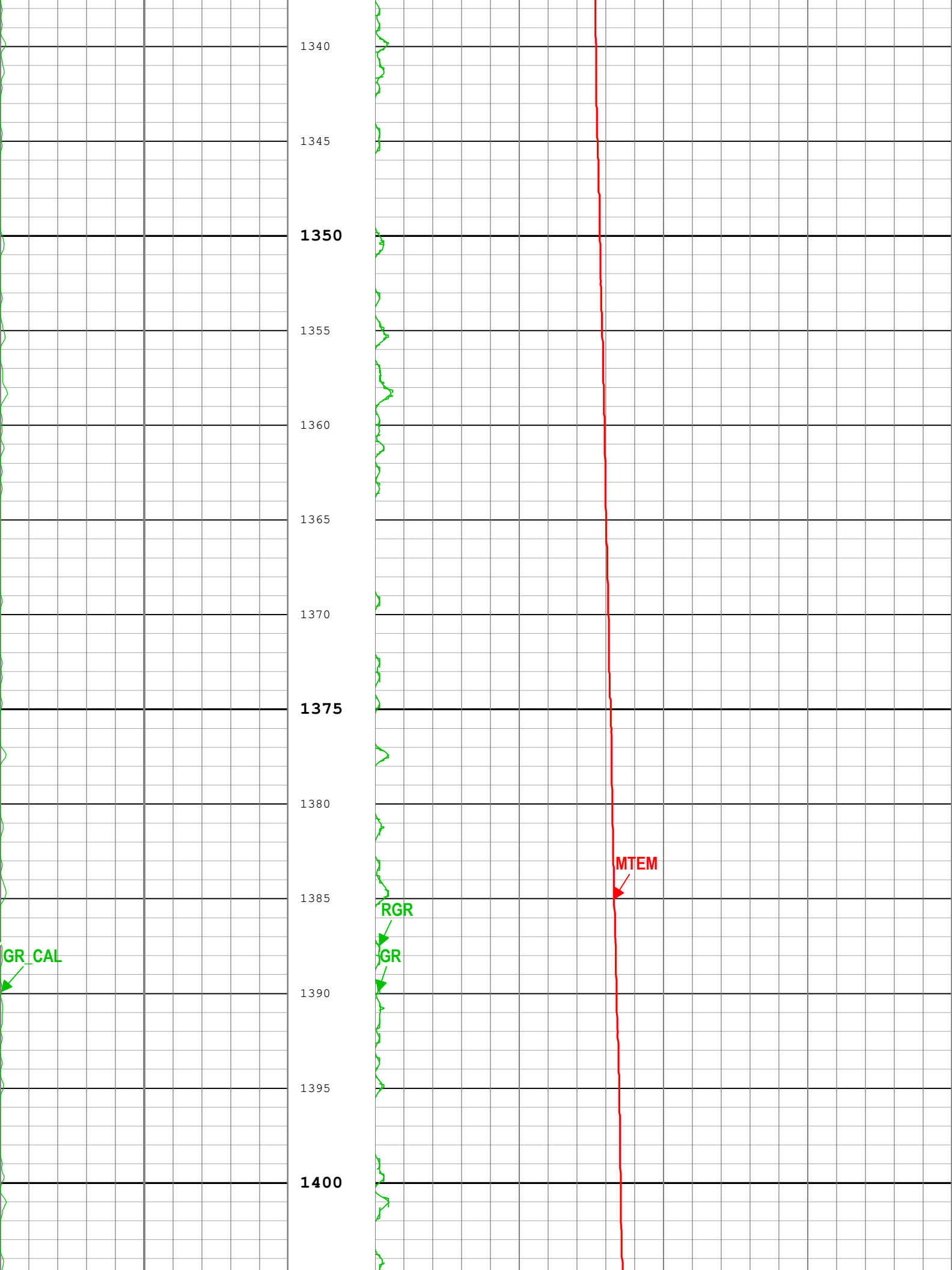


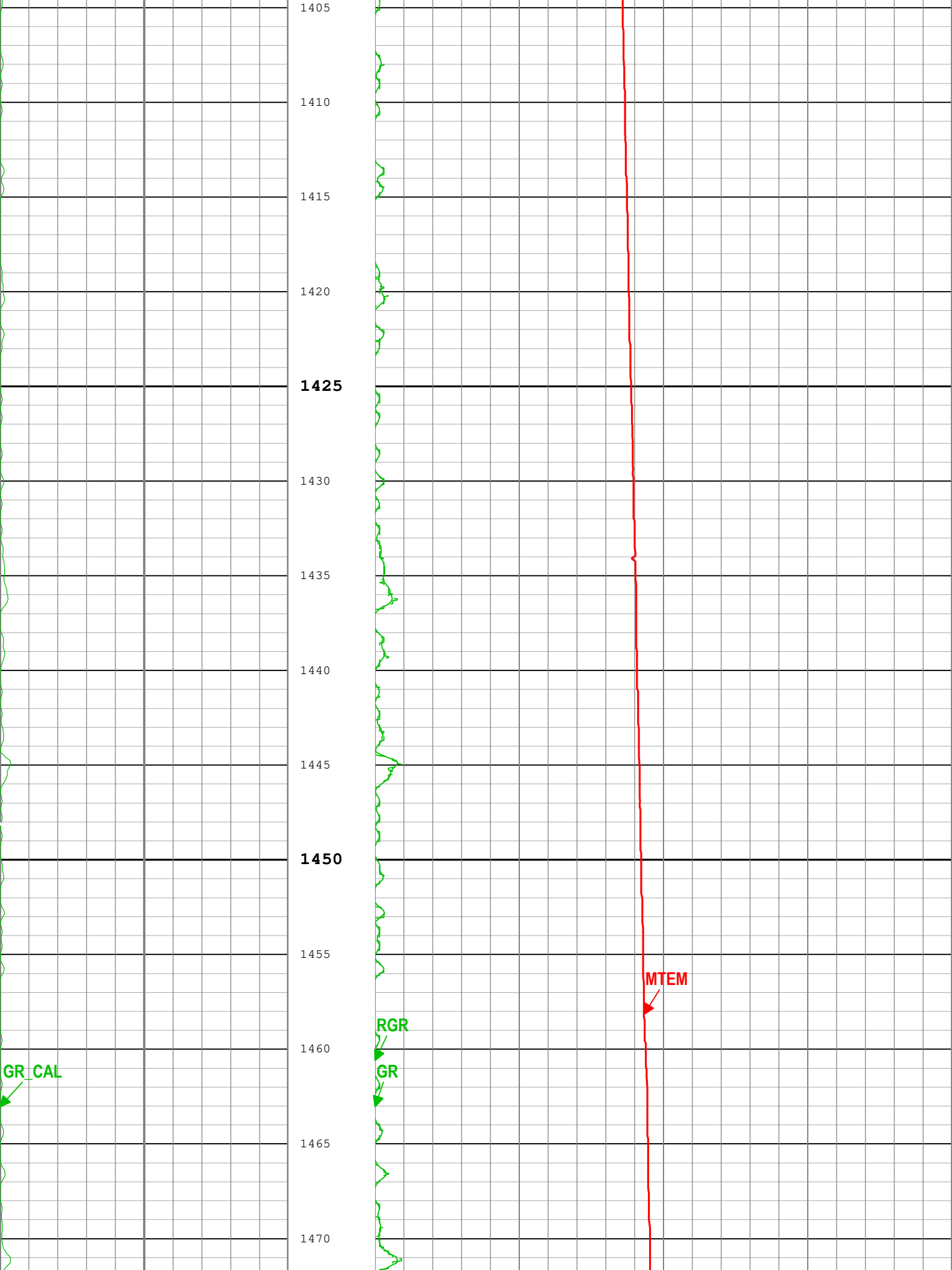


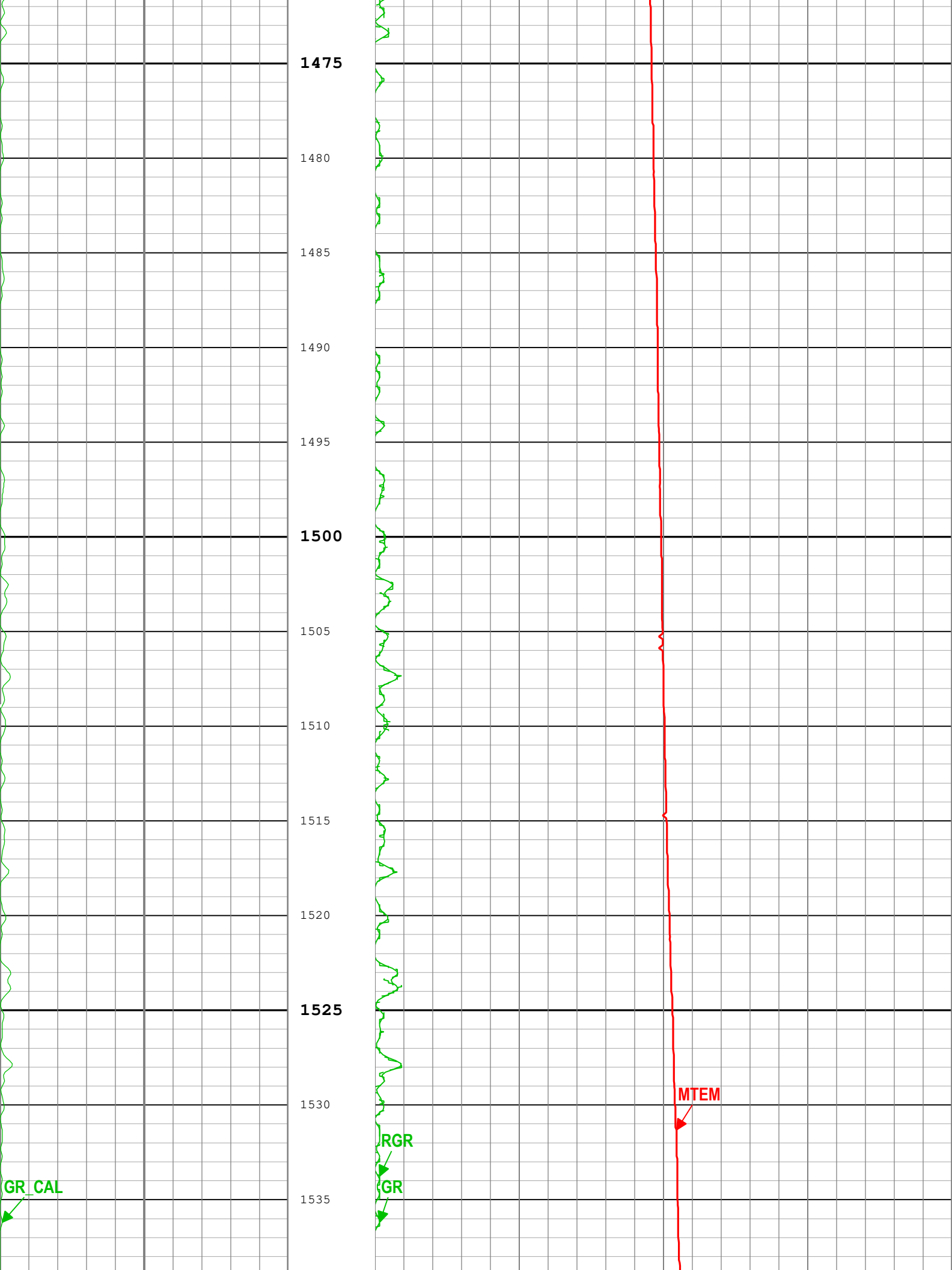


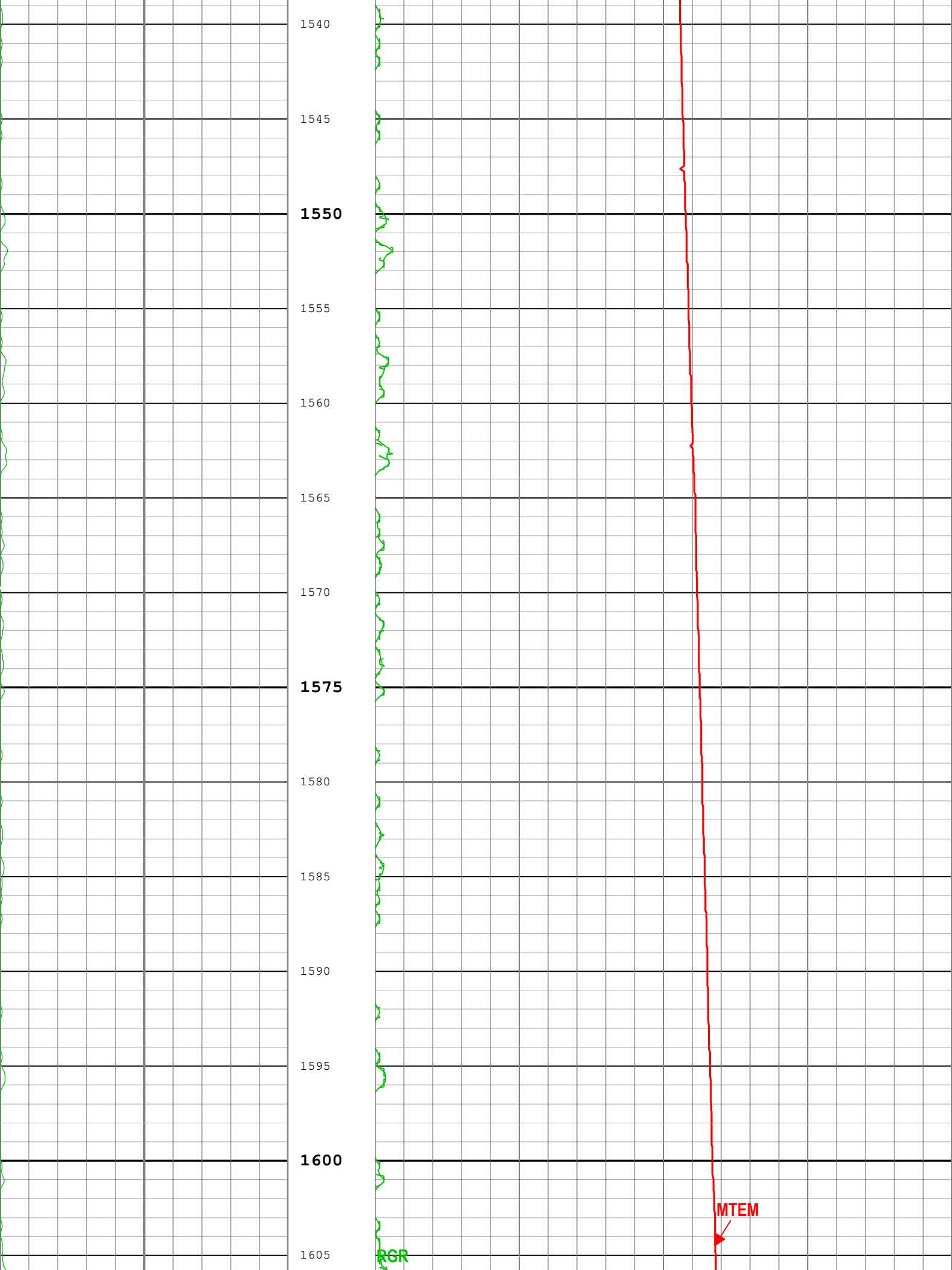


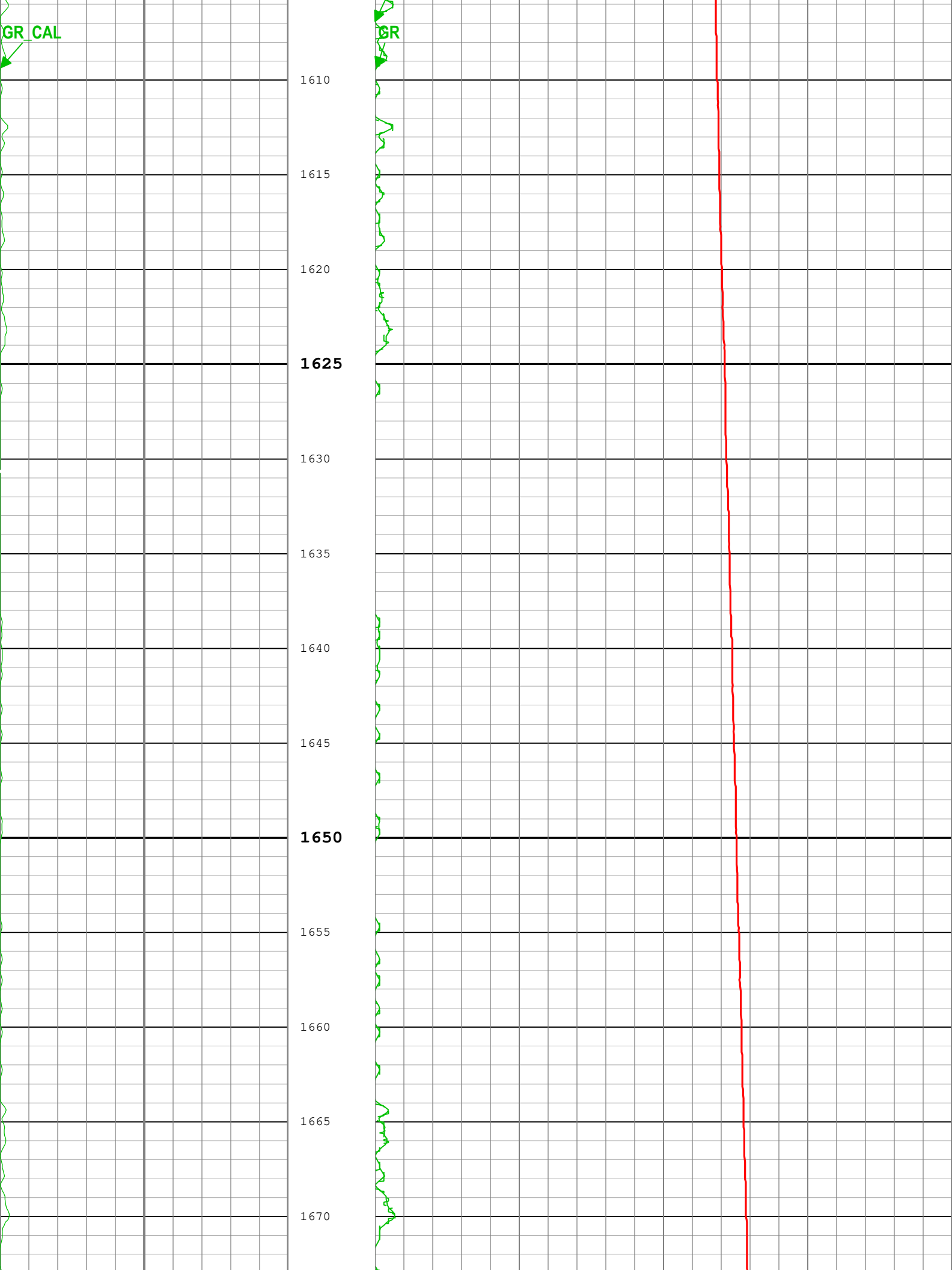




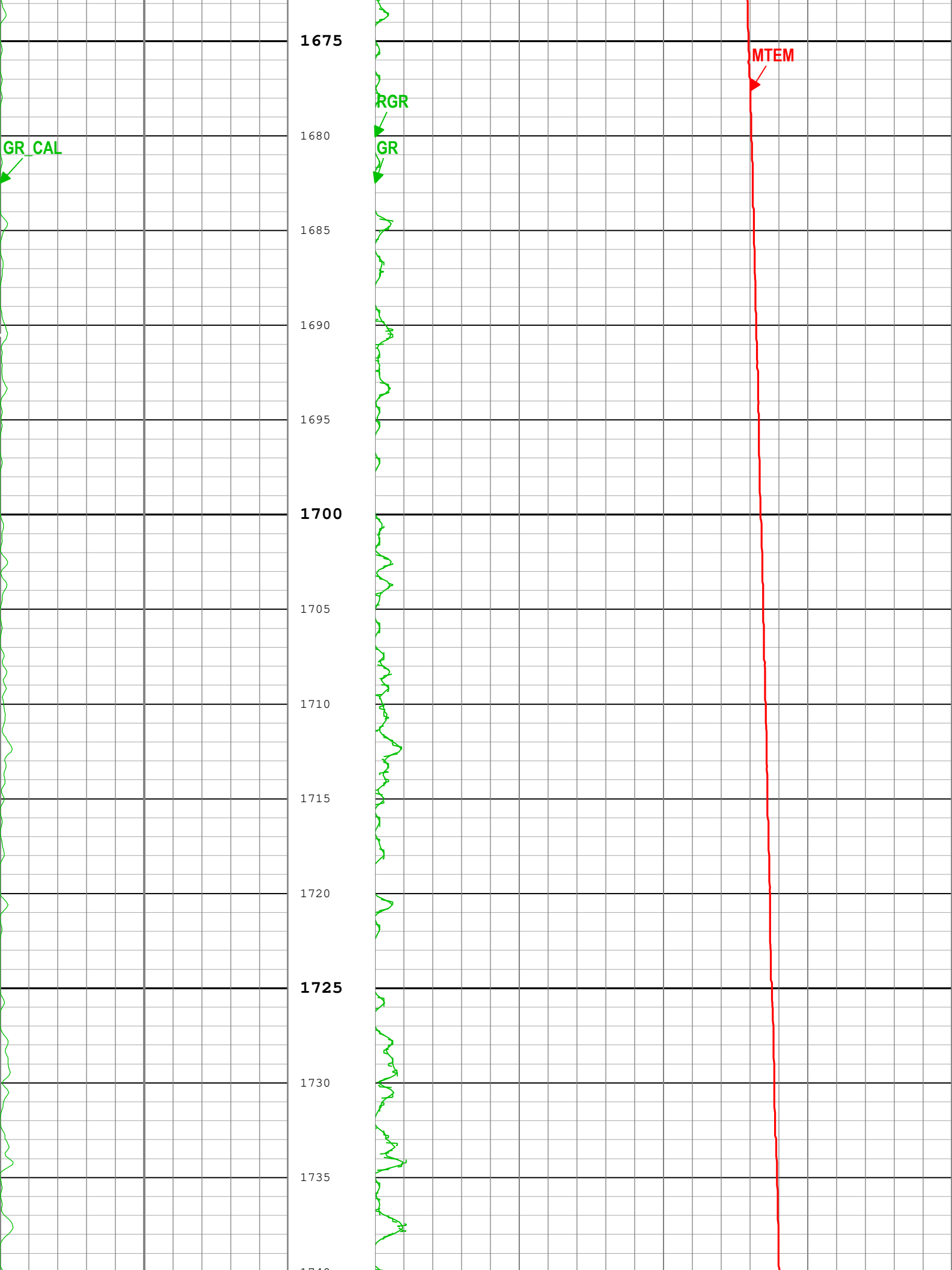


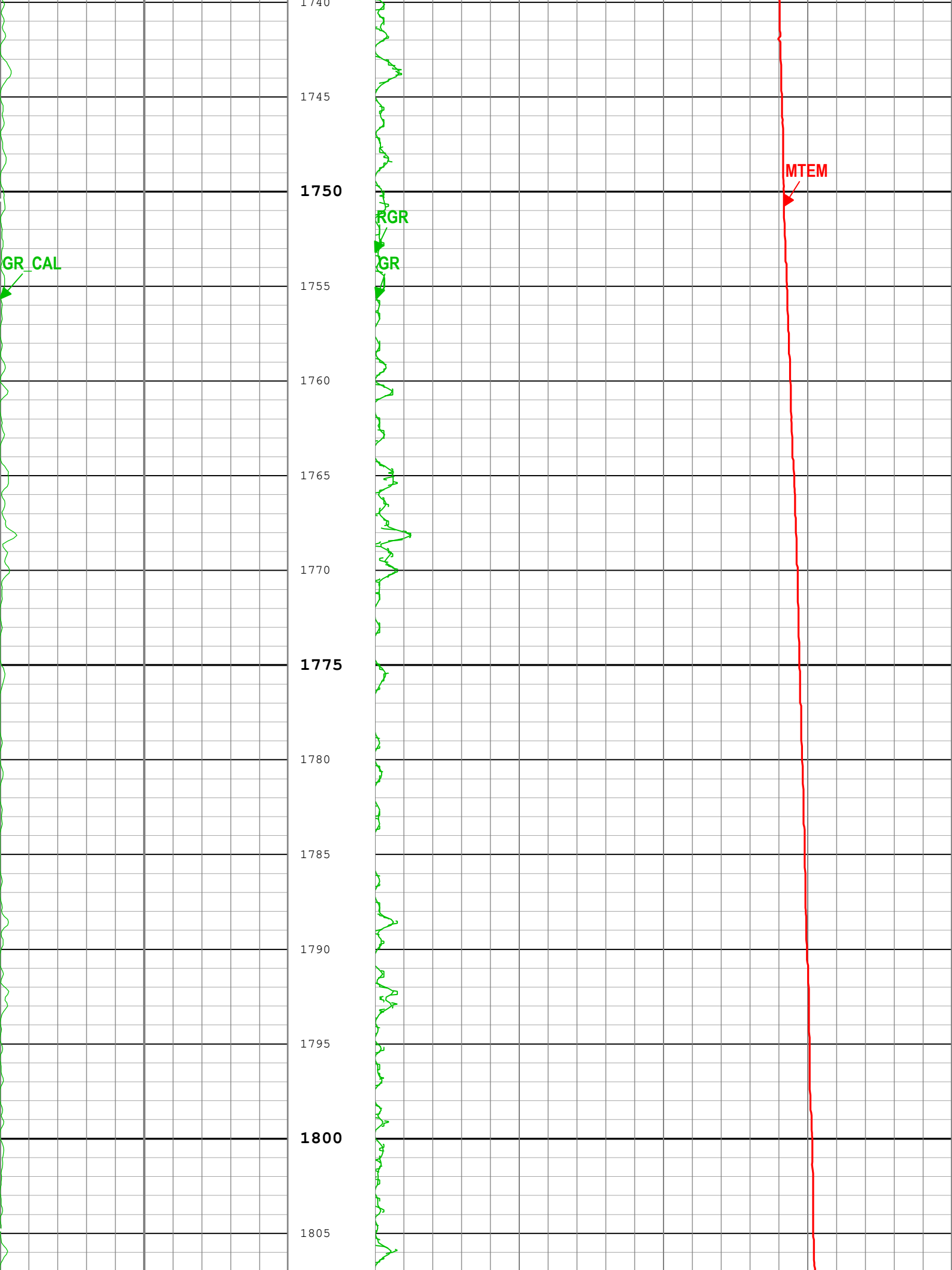


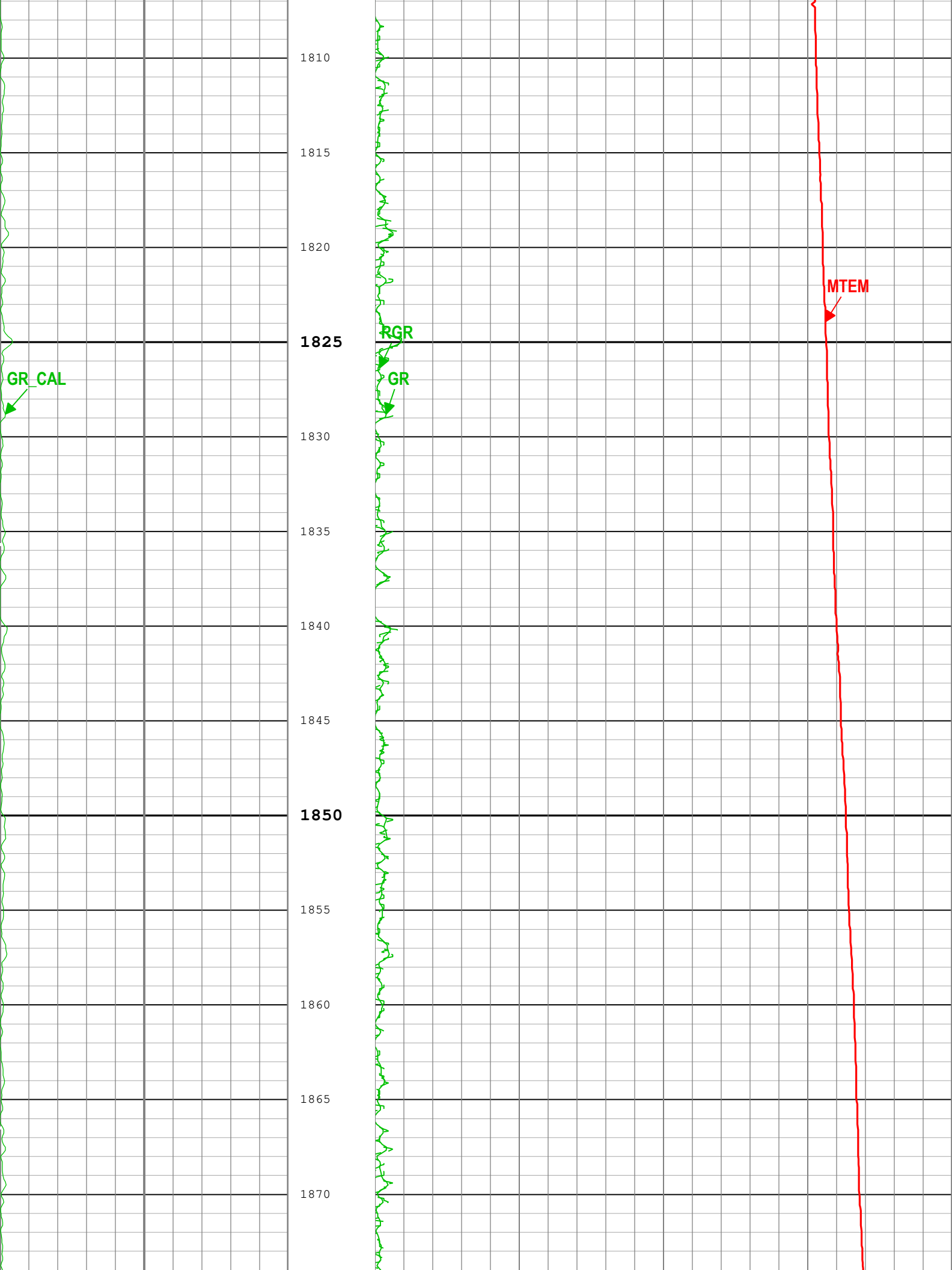


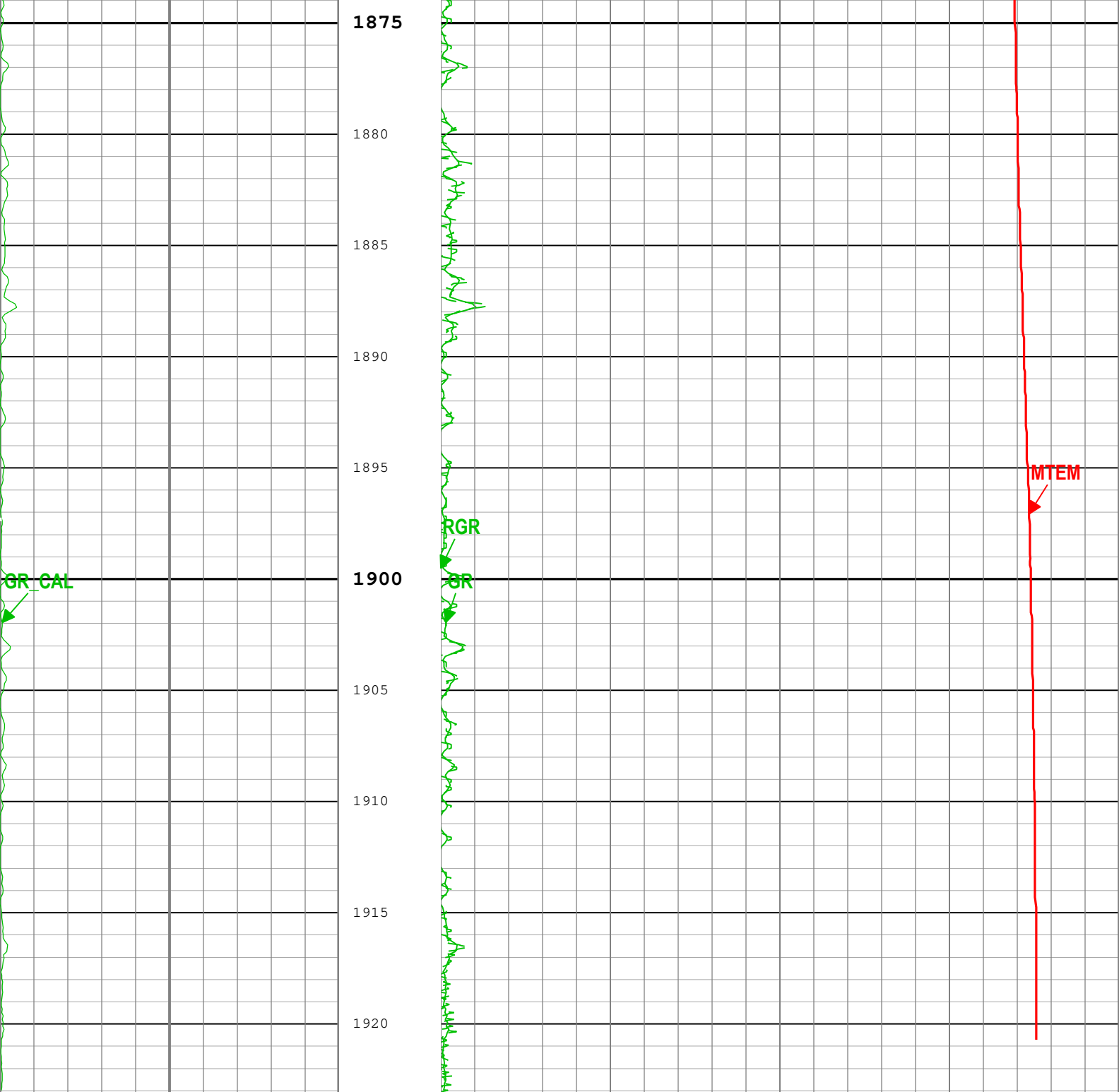












Calibrated Gamma Ray (GR_CAL) EDTC-B		Gamma Ray (GR) EDTC-B	
0	150	0	150
gAPI		gAPI	
		Raw Gamma Ray (RGR) EDTC-B	
		0	150
		gAPI	
		Mud Temperature (MTEM) LEH-PT	
		0	100
		degC	

TIME\_1900 - Time Marked every 60.00 (s)

Description: DEPTH Domain Log for EDTCB GR channels    Format: Log ( EDTCB GR )    Index Scale: 1:240    Index Unit: m    Index Type: Measured Depth  
Creation Date: 31-May-2023 20:51:45

## Channel Processing Parameters

### 5: Parameters

Parameter	Description	Tool	Value	Unit
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BARI	Barite Mud Presence Flag	Borehole	No	
BHS	Borehole Status (Open or Cased Hole)	Borehole	Open	
BS	Bit Size	WLSESSION	Depth Zoned	in
CBLO	Casing Bottom (Logger)	WLSESSION	884	m
CDEN	Cement Density	EDTC-B	2	g/cm3
DFD	Drilling Fluid Density	Borehole	1.2	g/cm3
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)	

## Depth Zone Parameters

Parameter	Value	Start ( m )	Stop ( m )
BS	14.5	861	886
BS	9.875	886	1923.14

All depth are actual.

## Tool Control Parameters

5
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## Up Log

### Software Version

Acquisition System	Version
Maxwell 2020.0	10.0.202864.3100

### Pass Summary

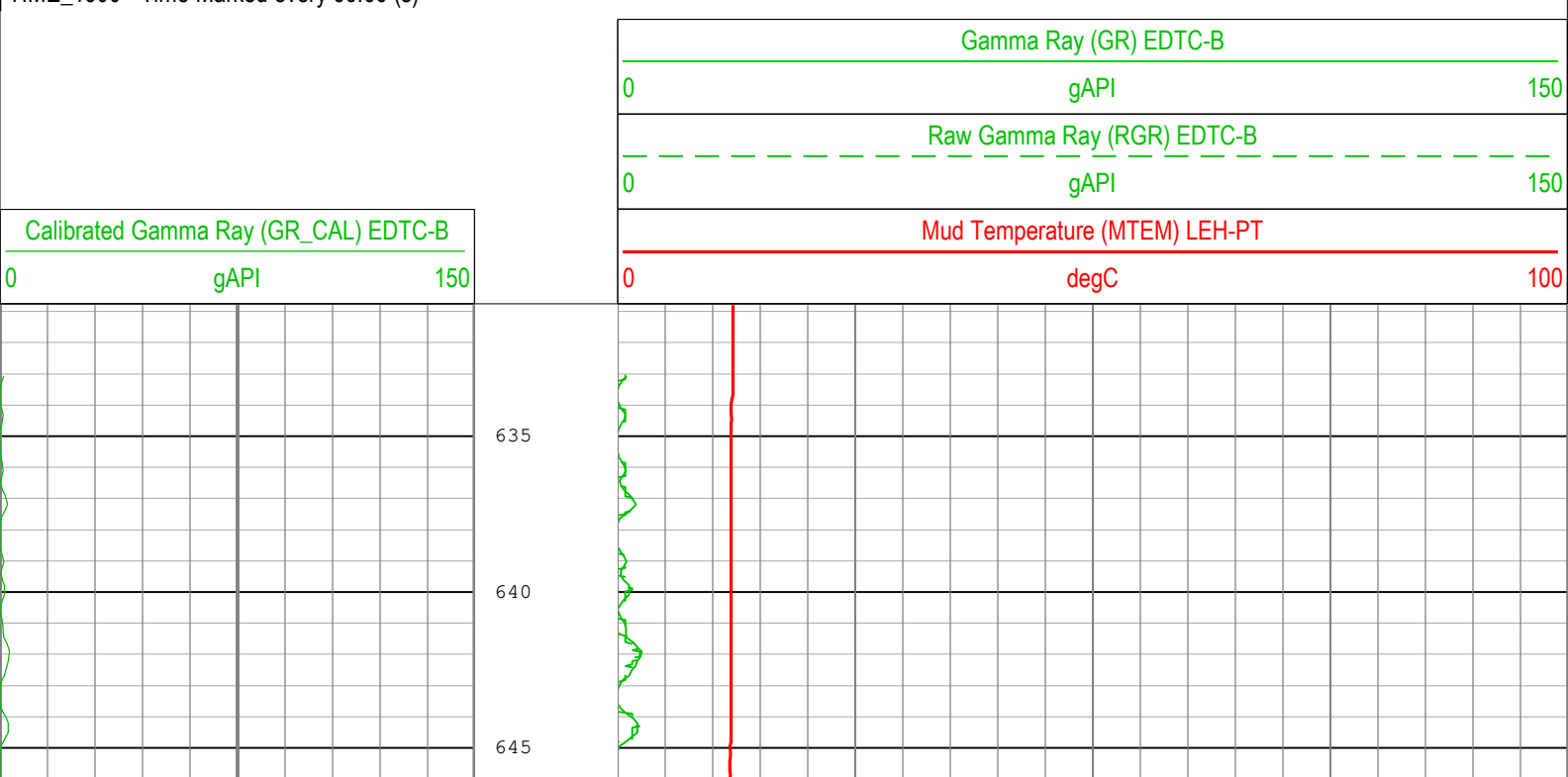
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
5	Log[4]:Up	Up	639.95 m	1928.71 m	28-May-2023 6:53:08 PM	28-May-2023 9:41:43 PM	ON	0.00 m	No

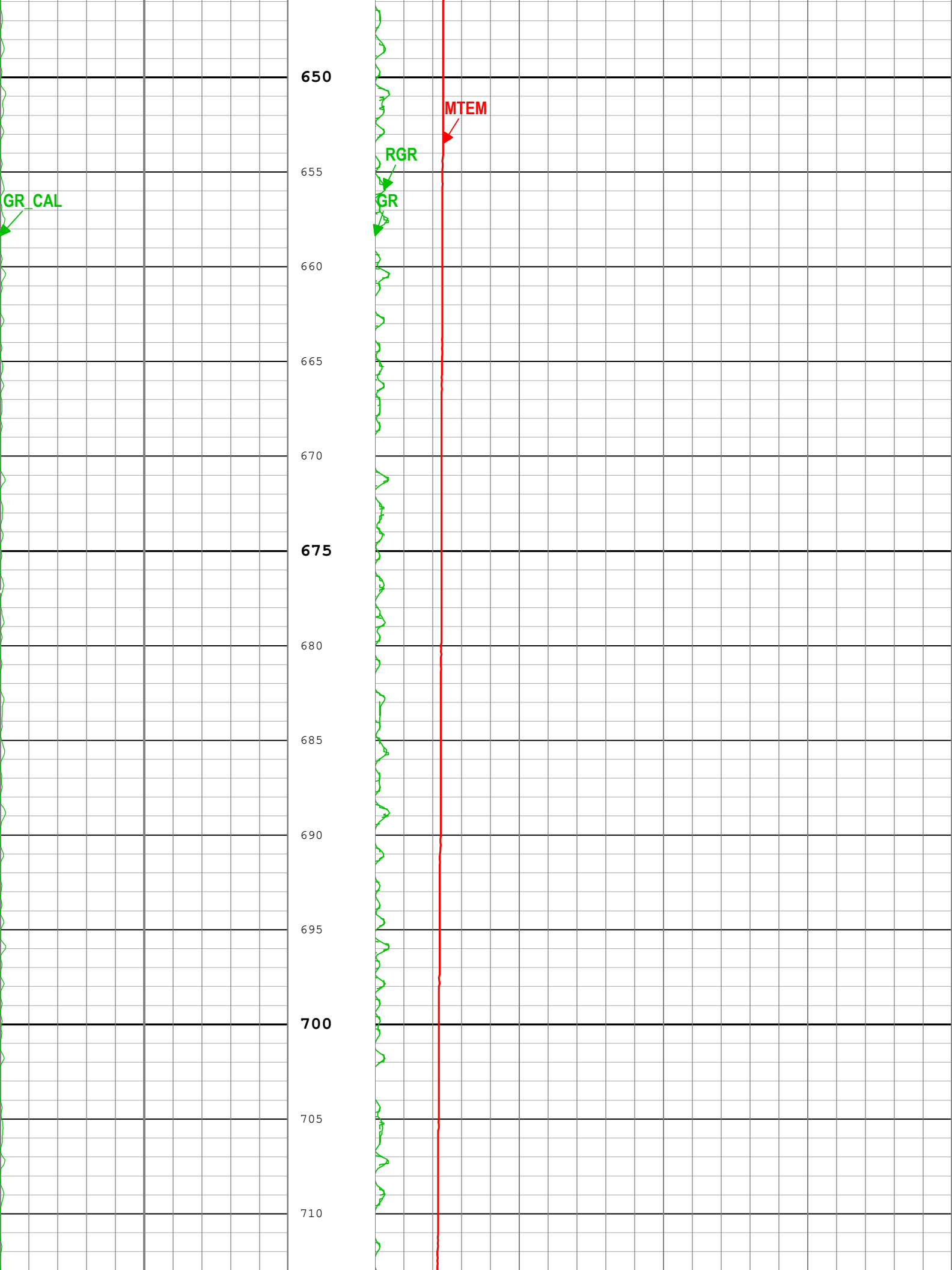
All depths are referenced to toolstring zero

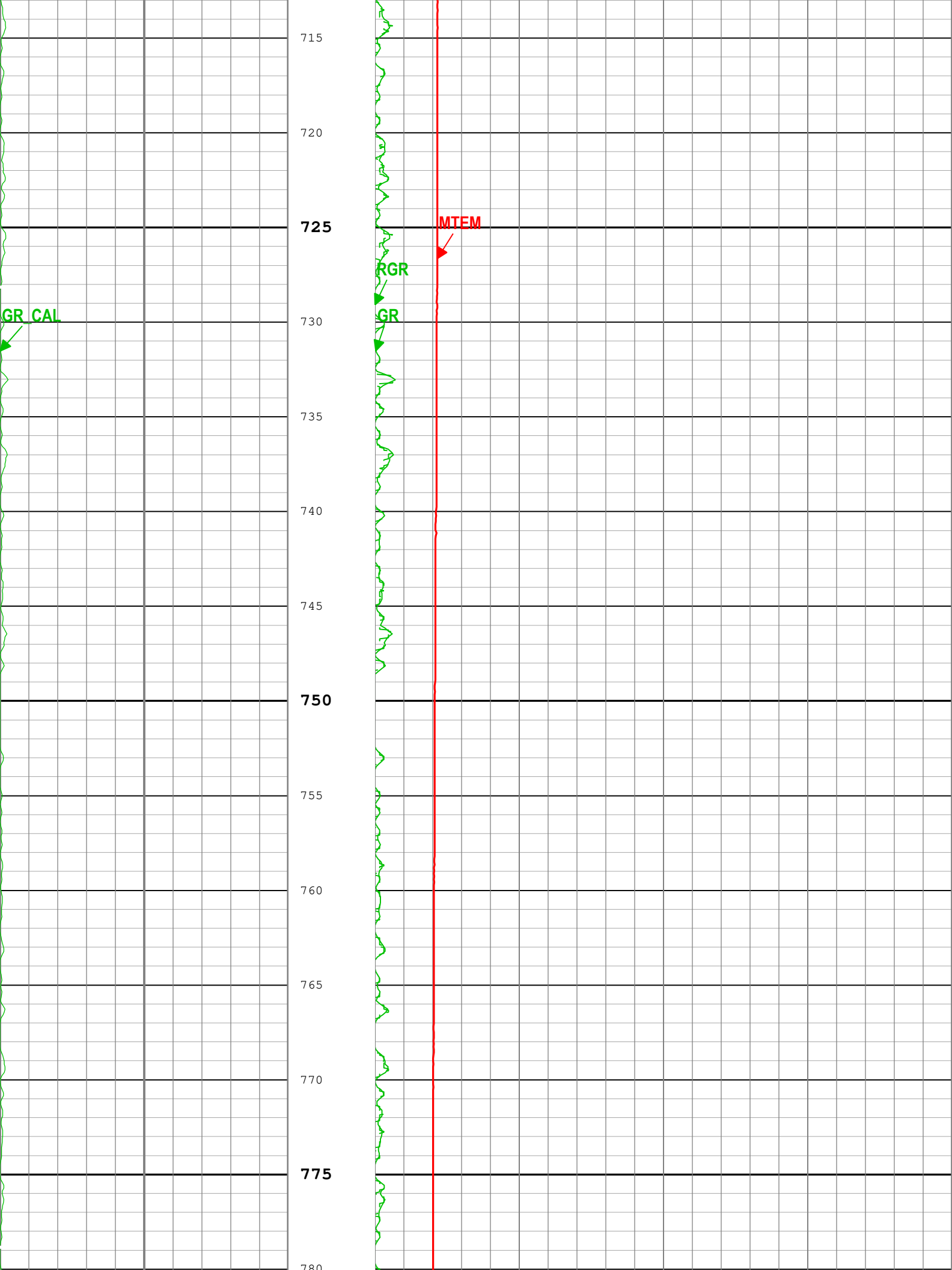
Log	Company:International Ocean Discovery Program      Well:Expedition 399, Site U1601C 5: Log[4]:Up:S004
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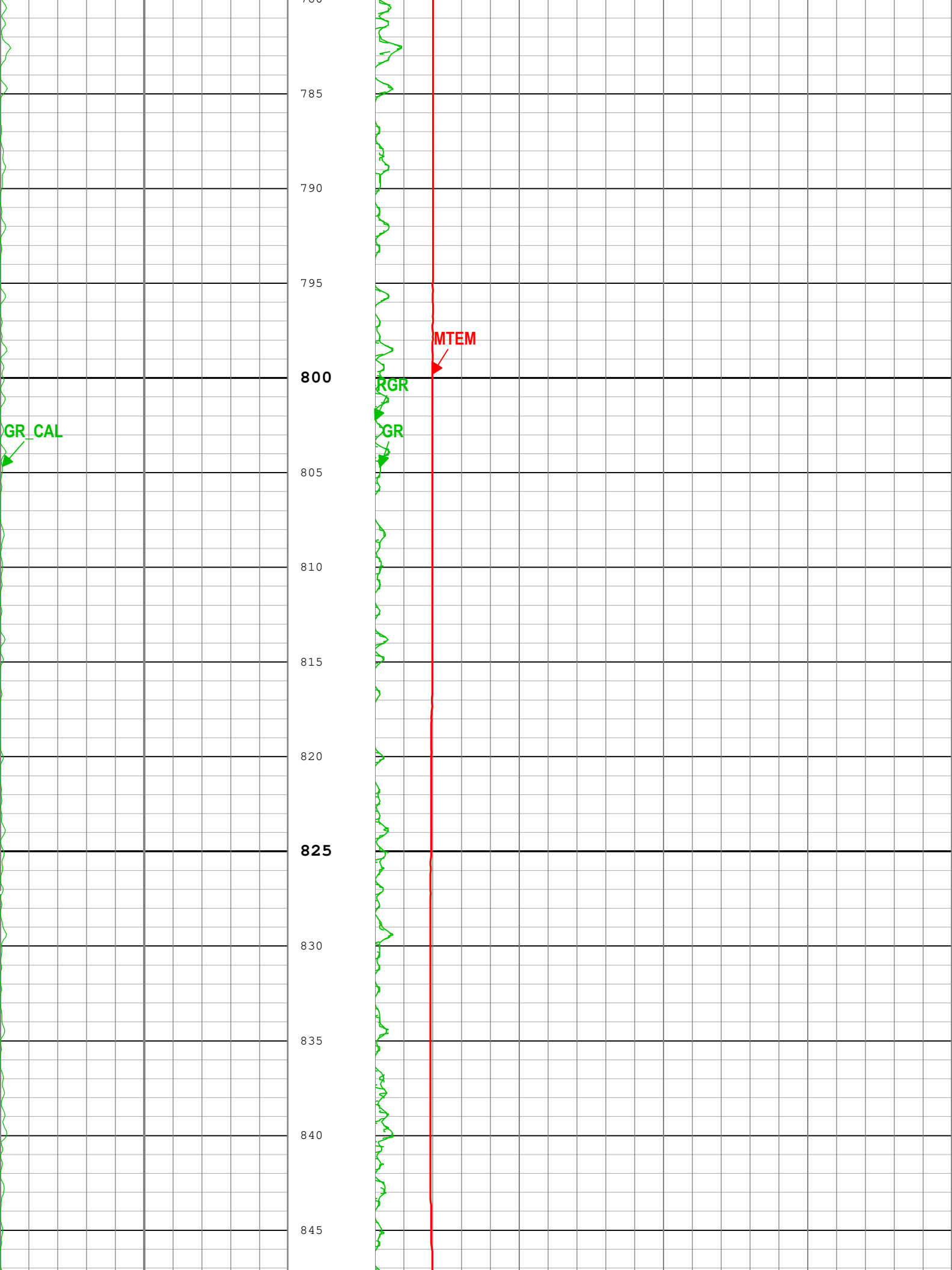
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Creation Date: 31-May-2023 20:51:48

TIME\_1900 - Time Marked every 60.00 (s)

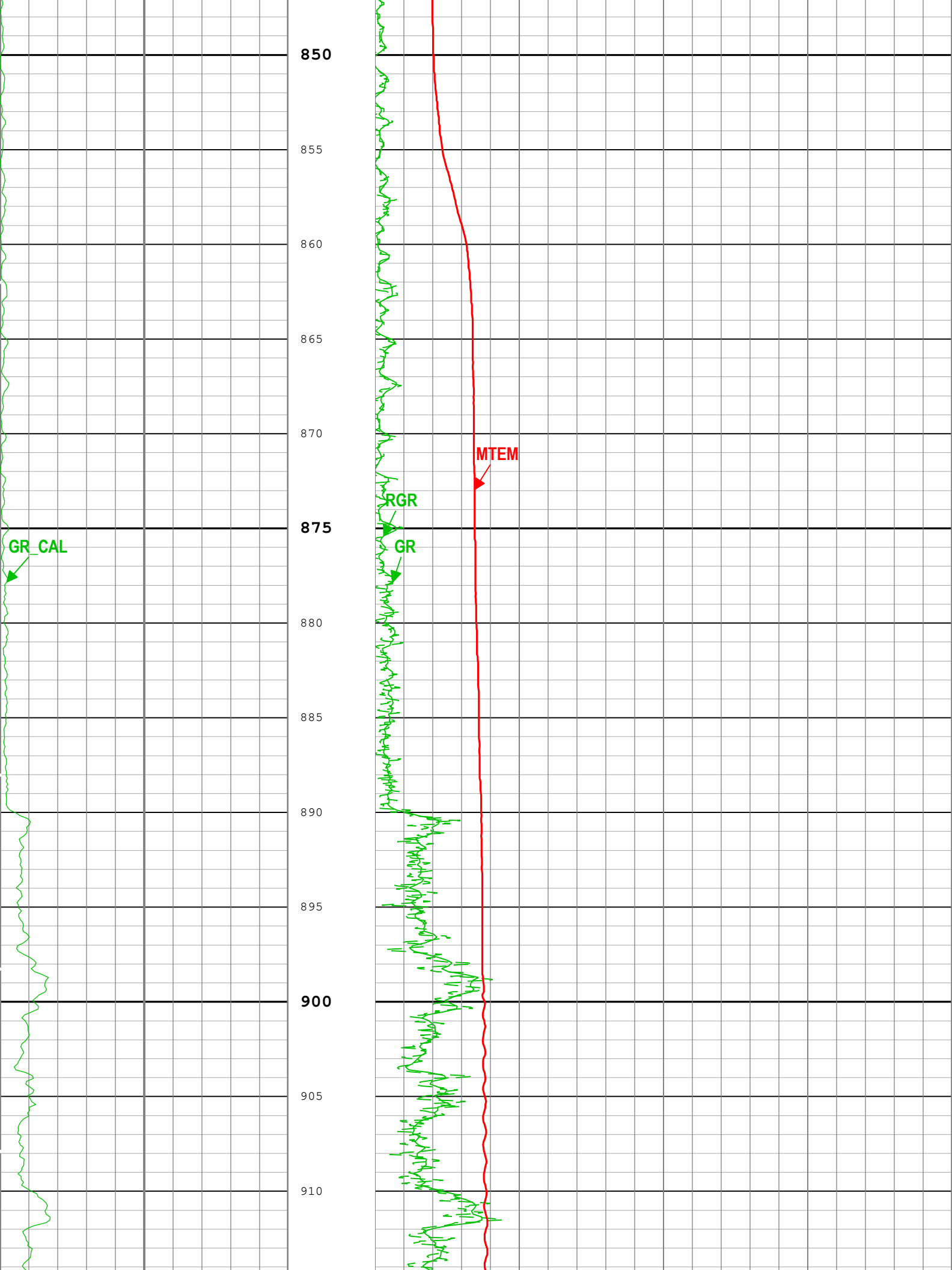


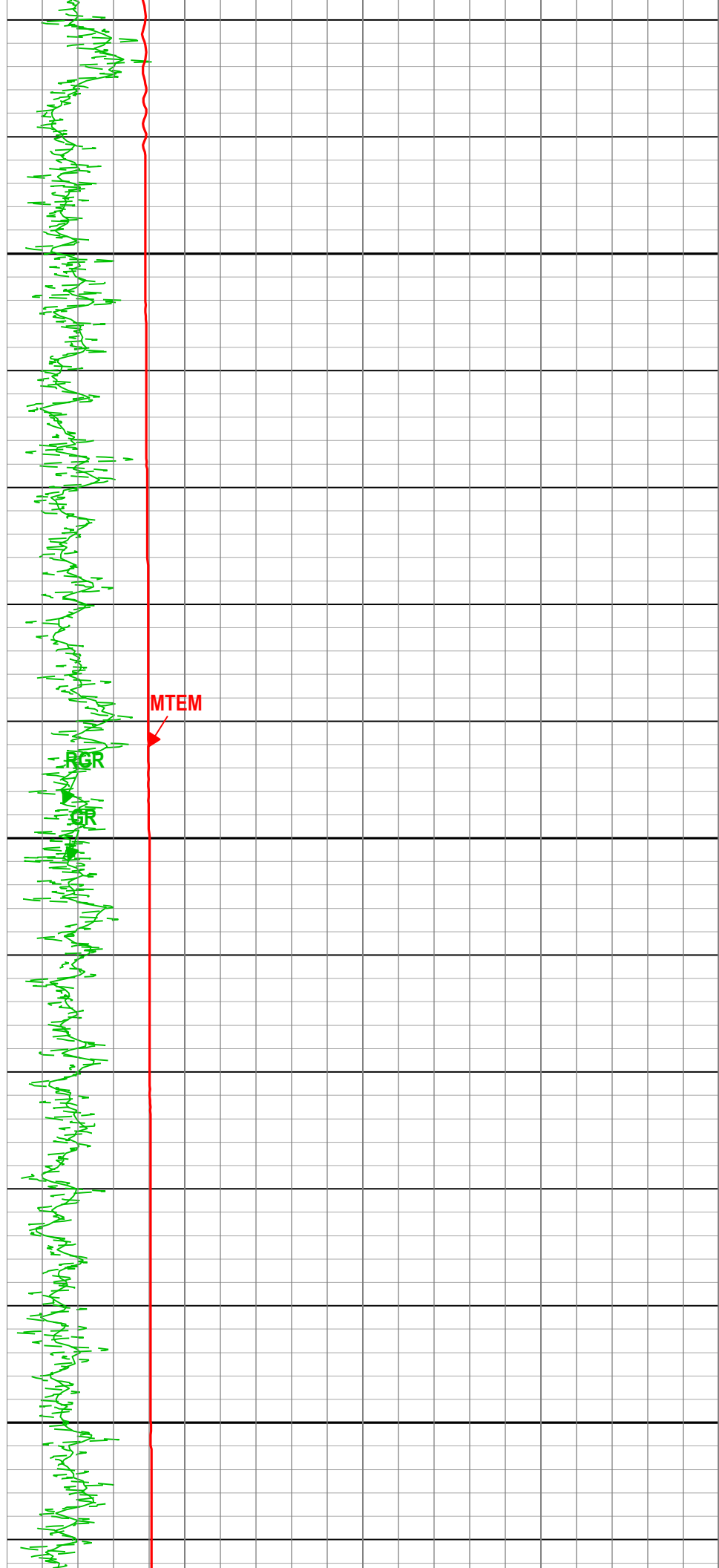
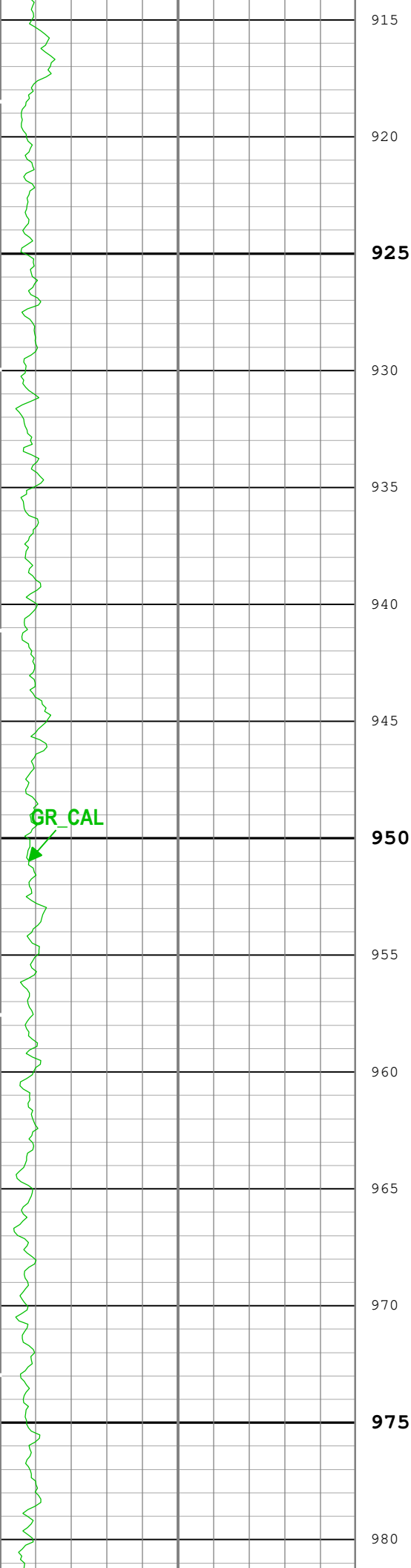


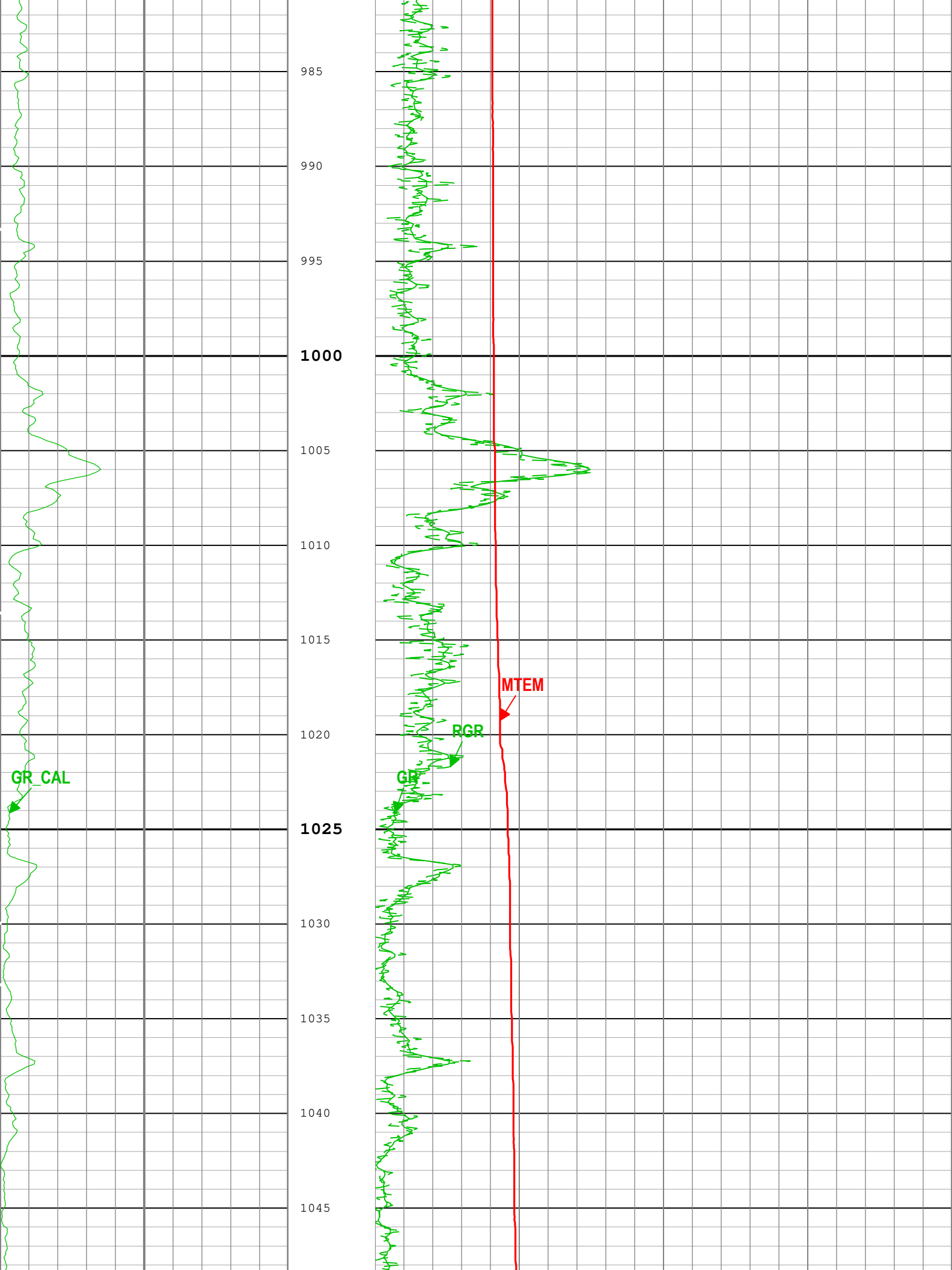


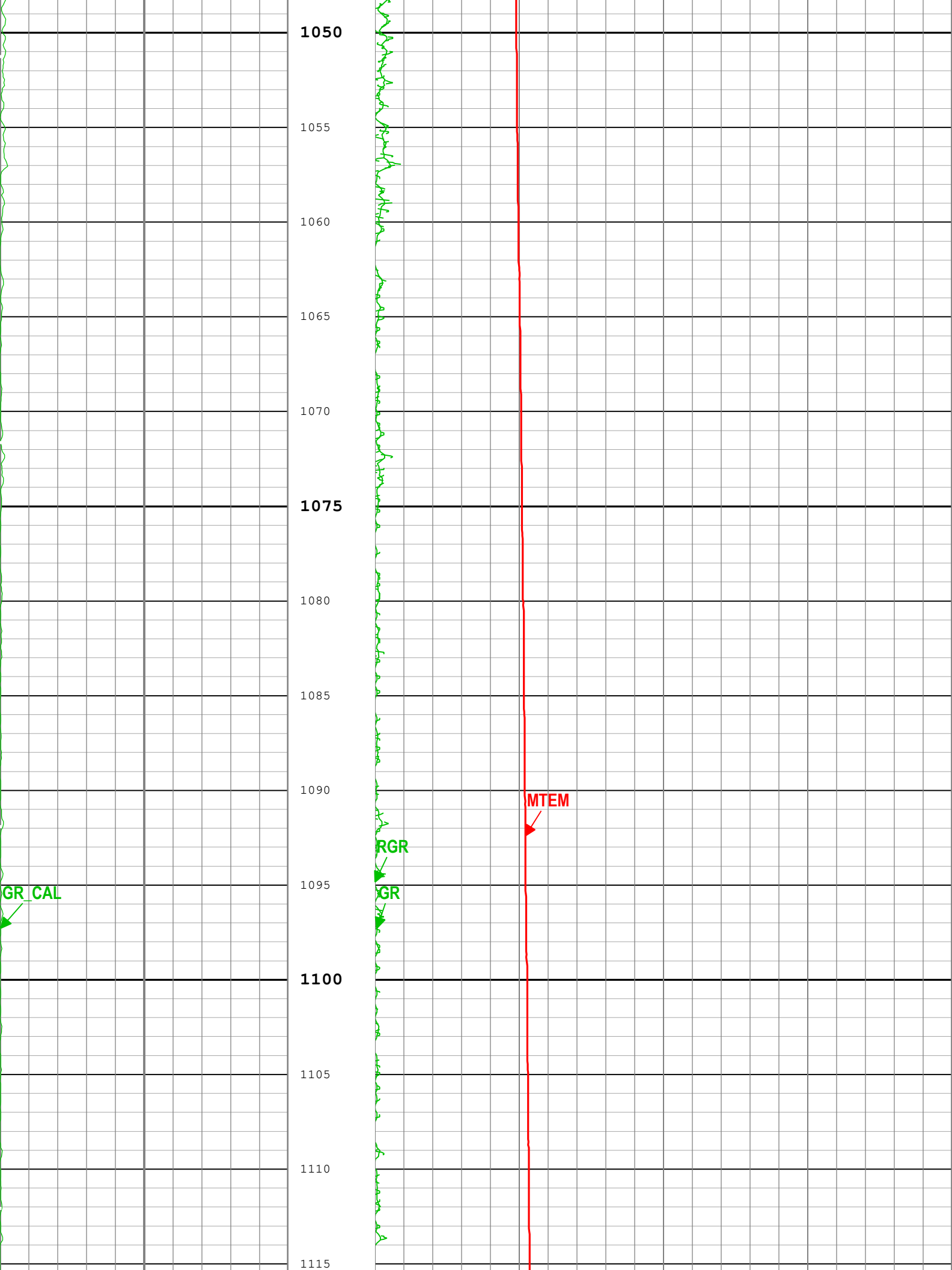




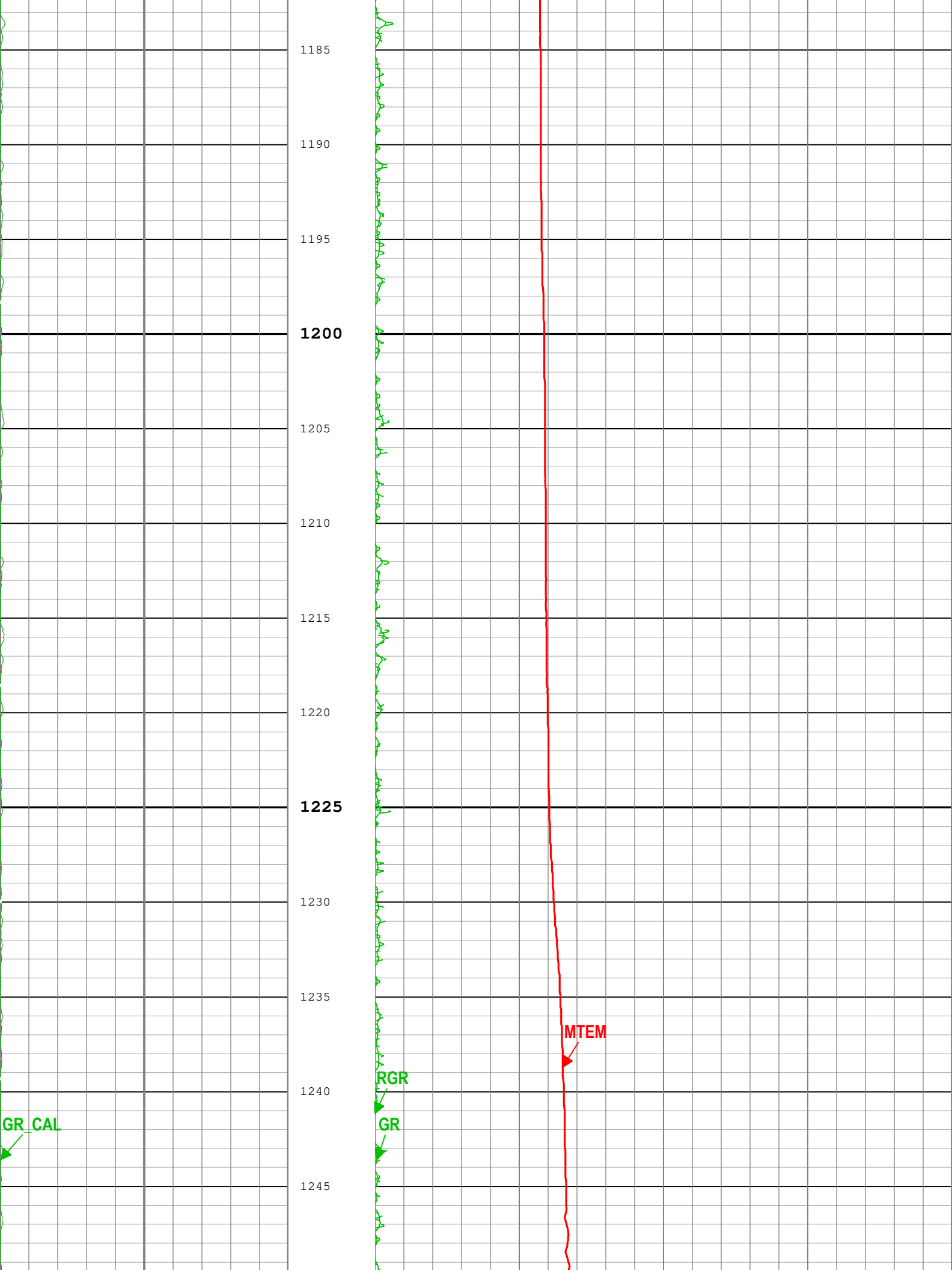


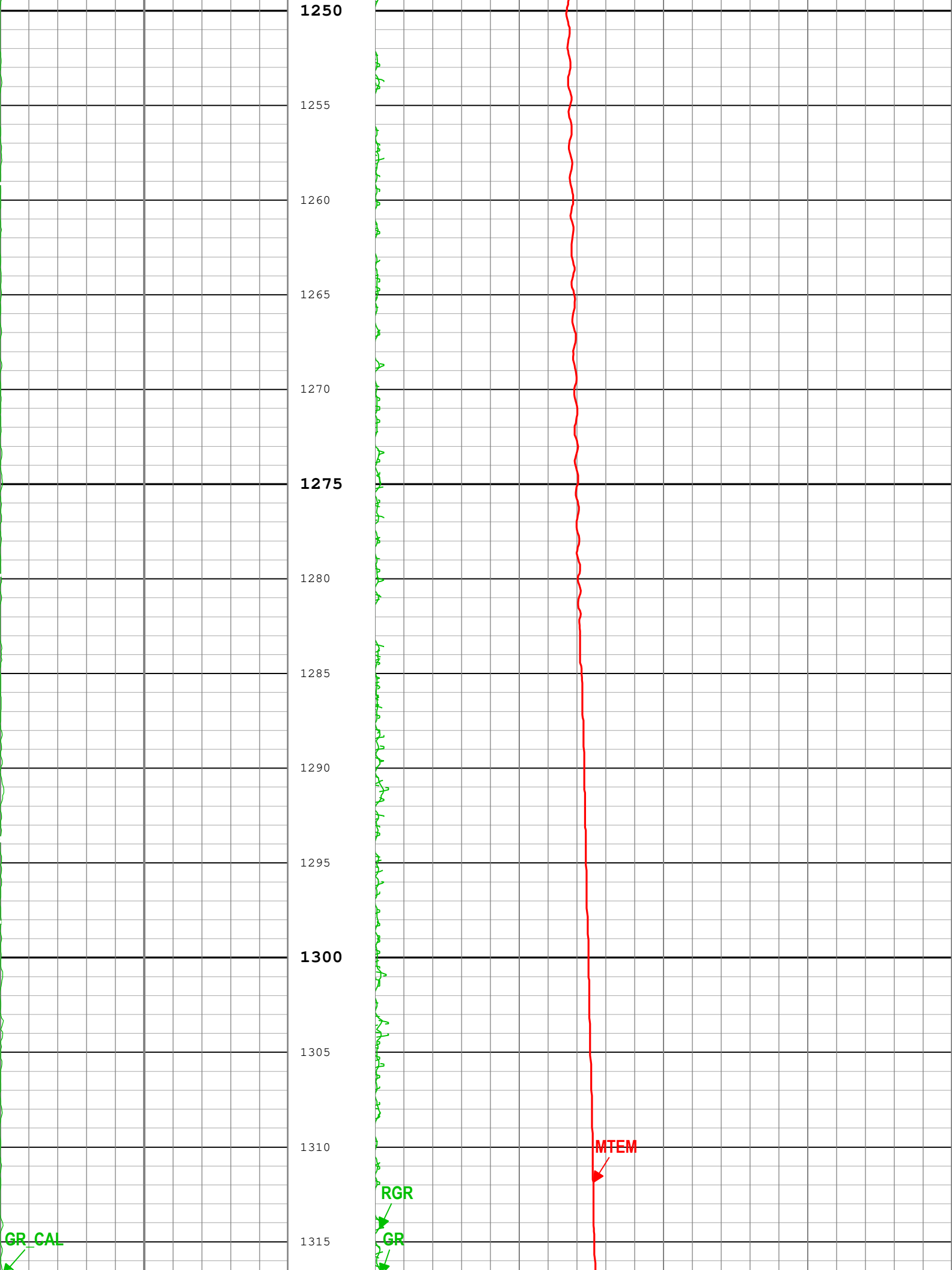


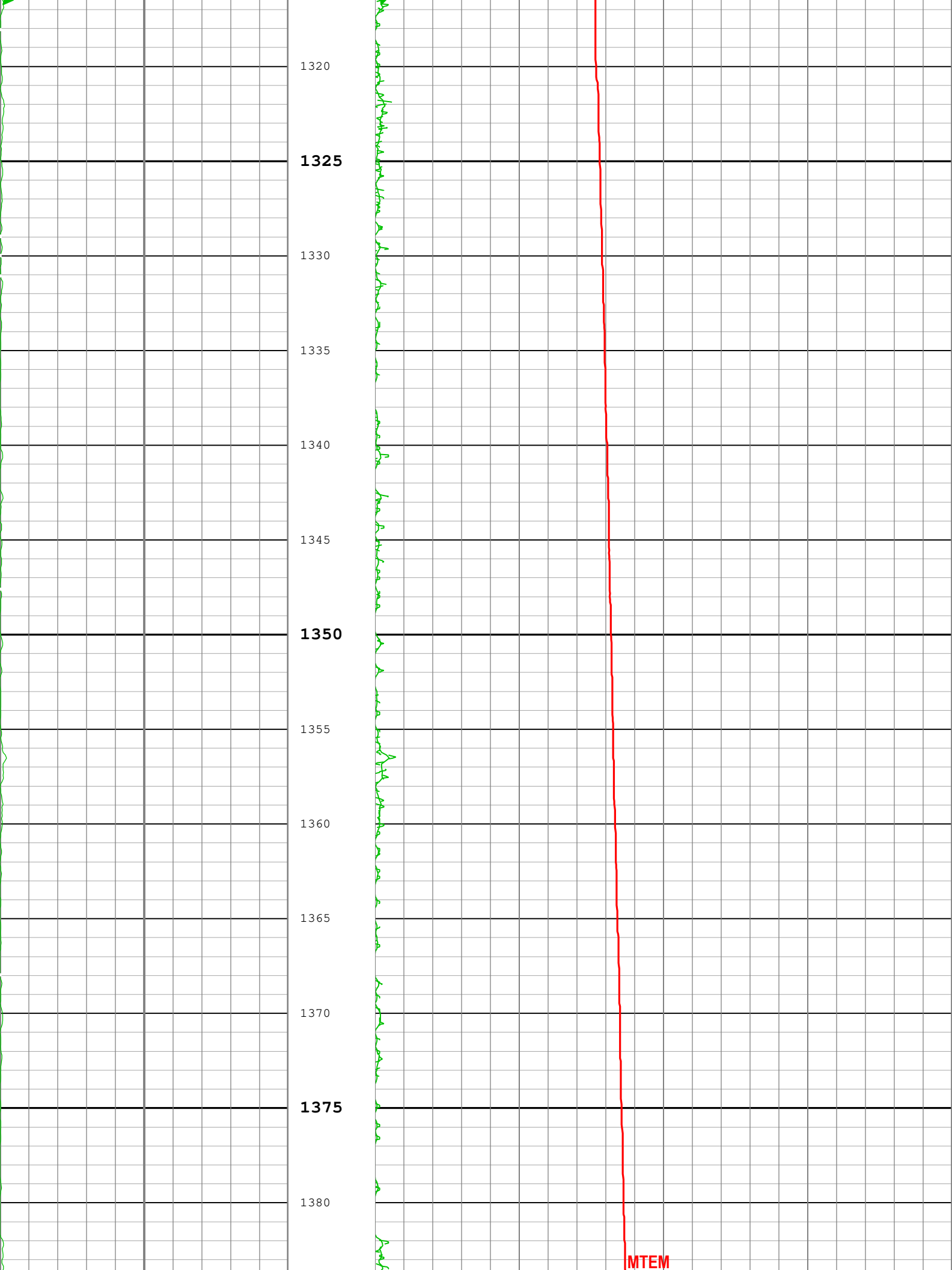




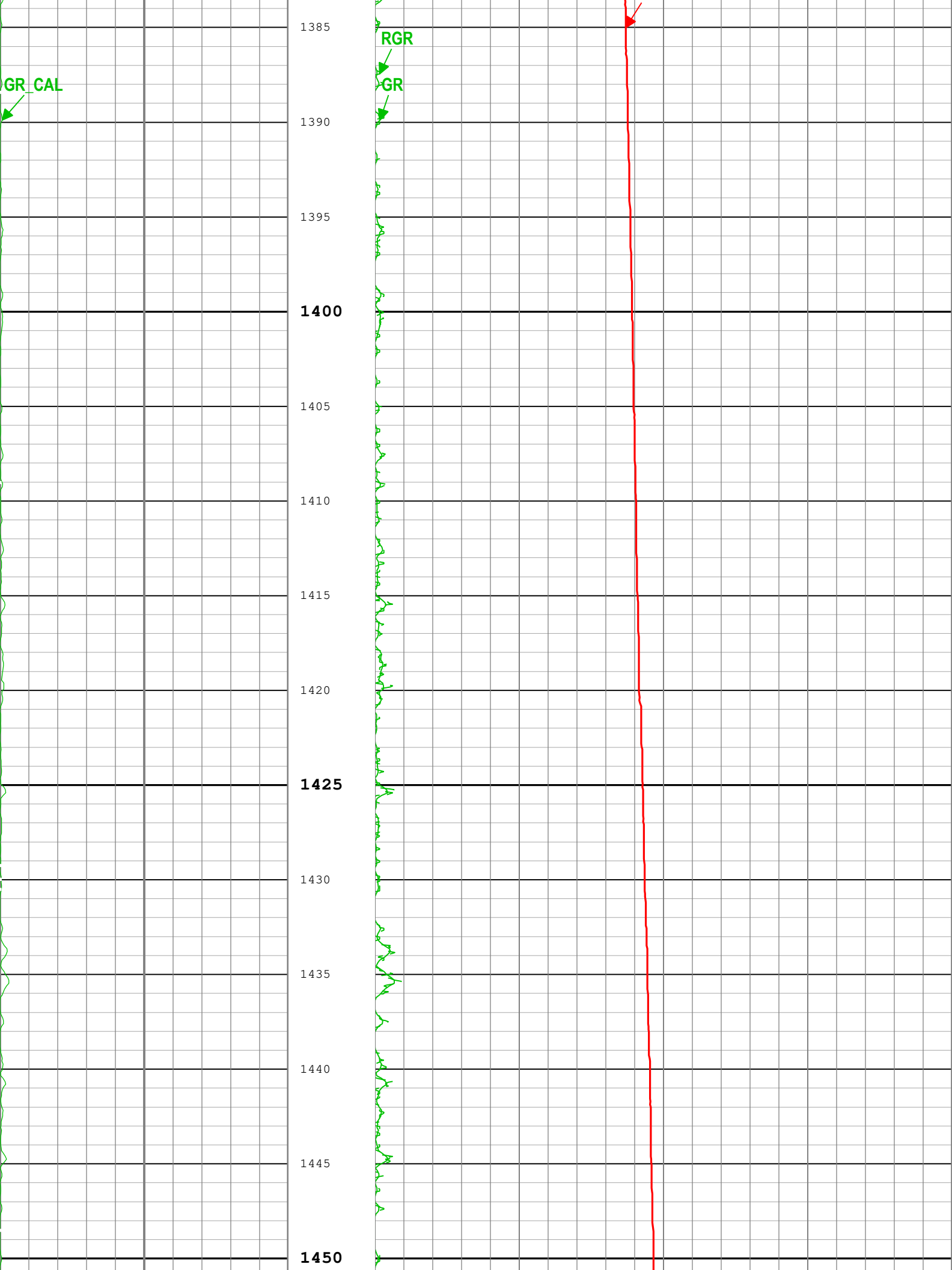


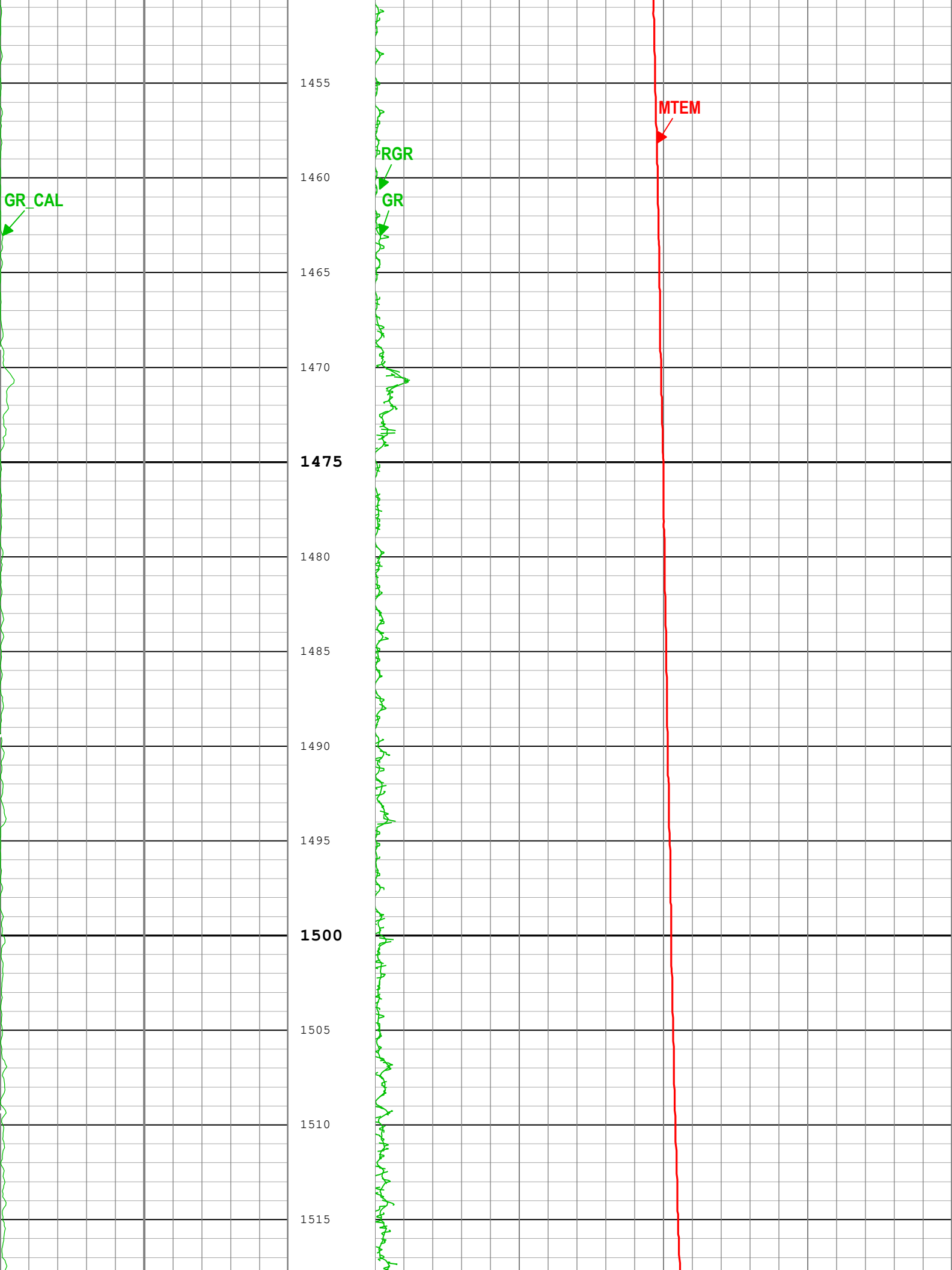


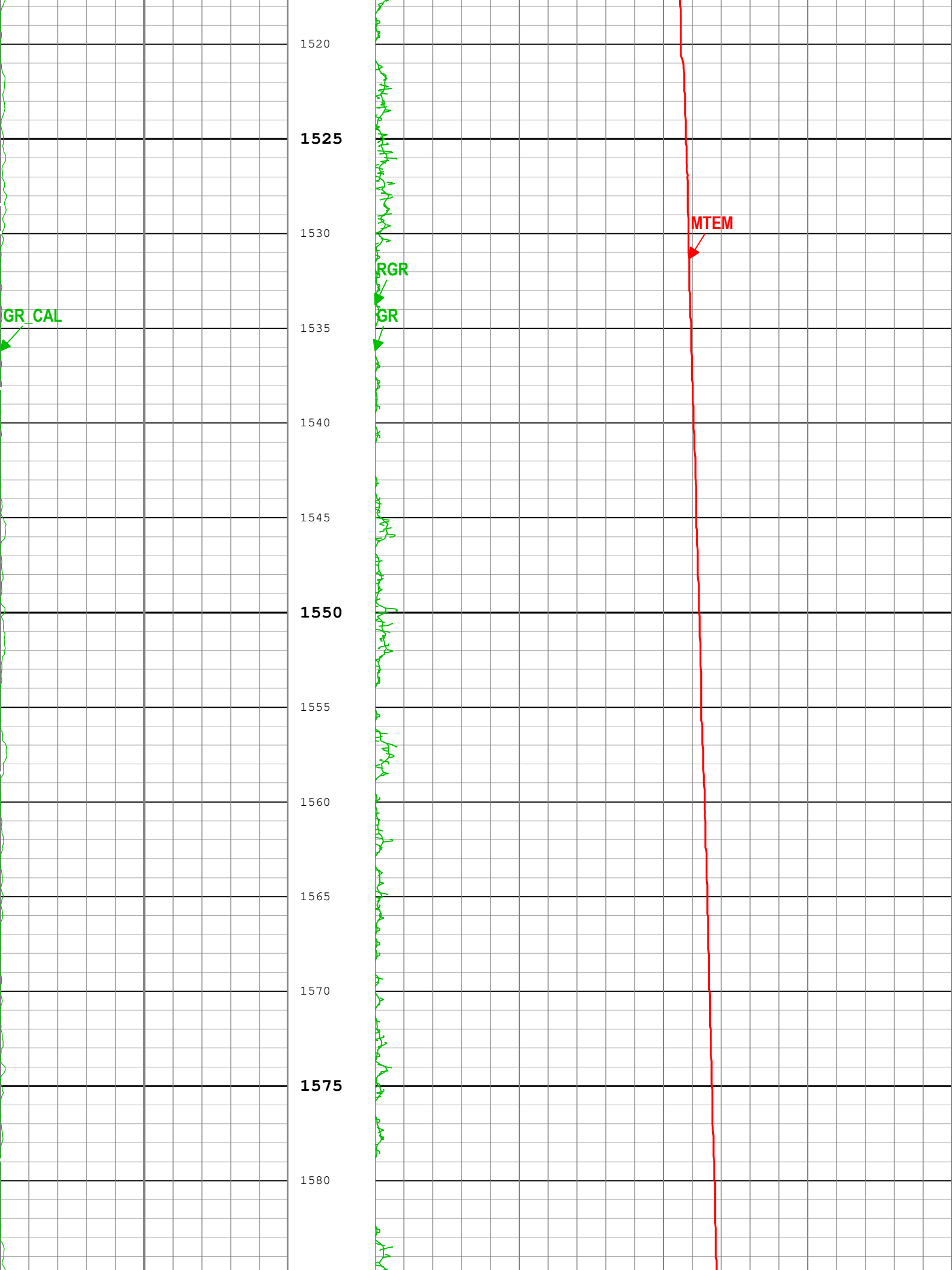


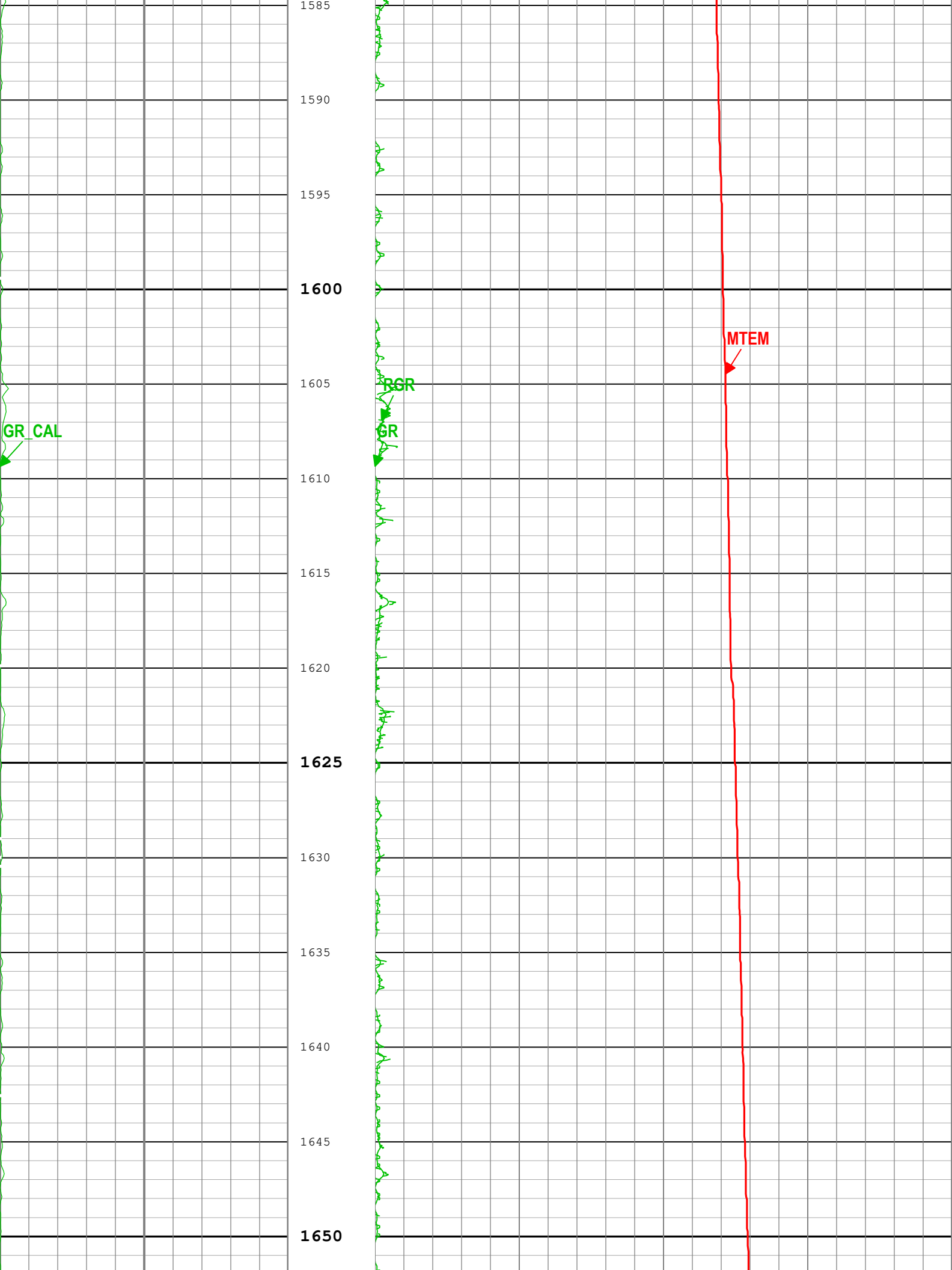


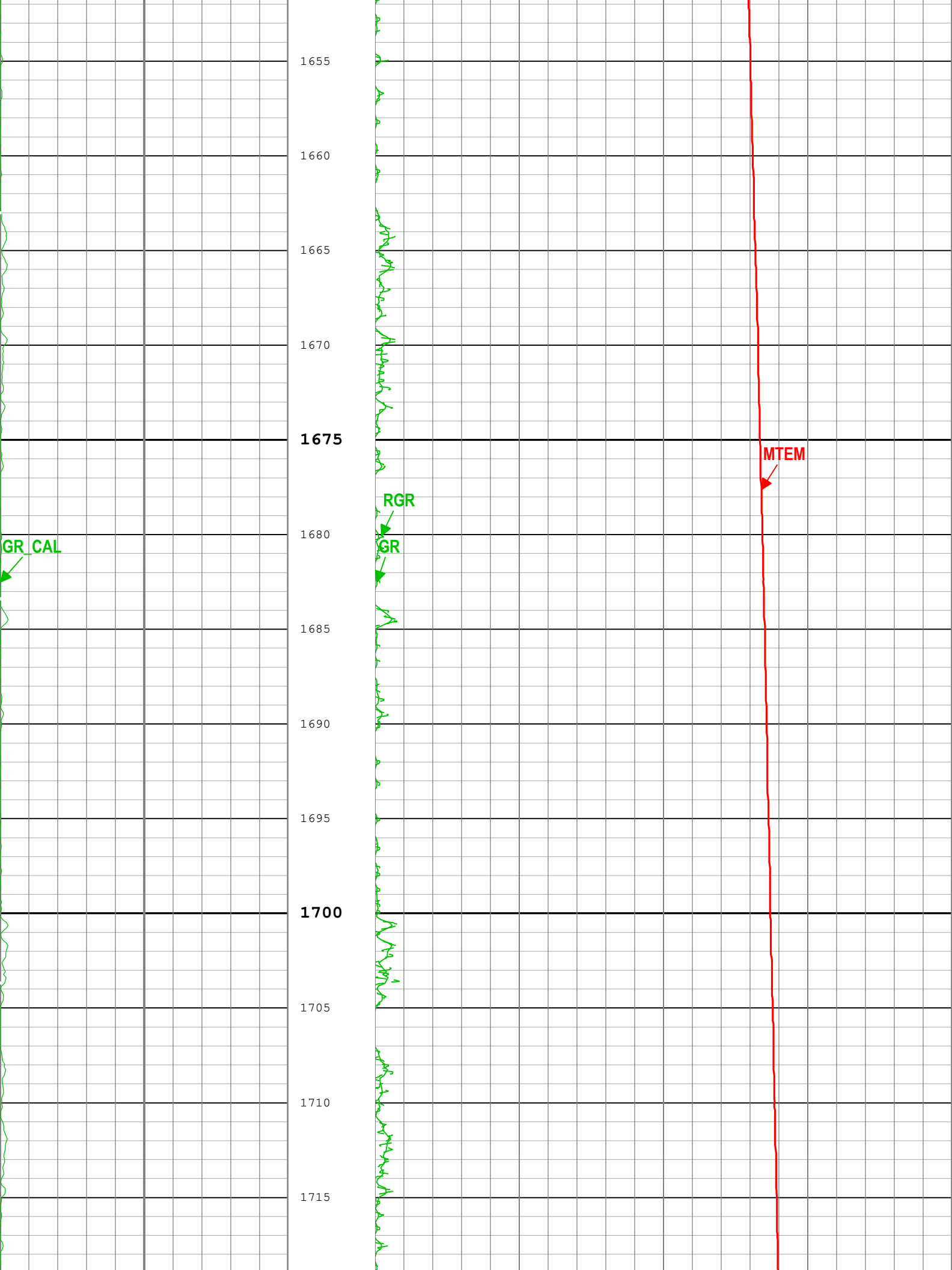






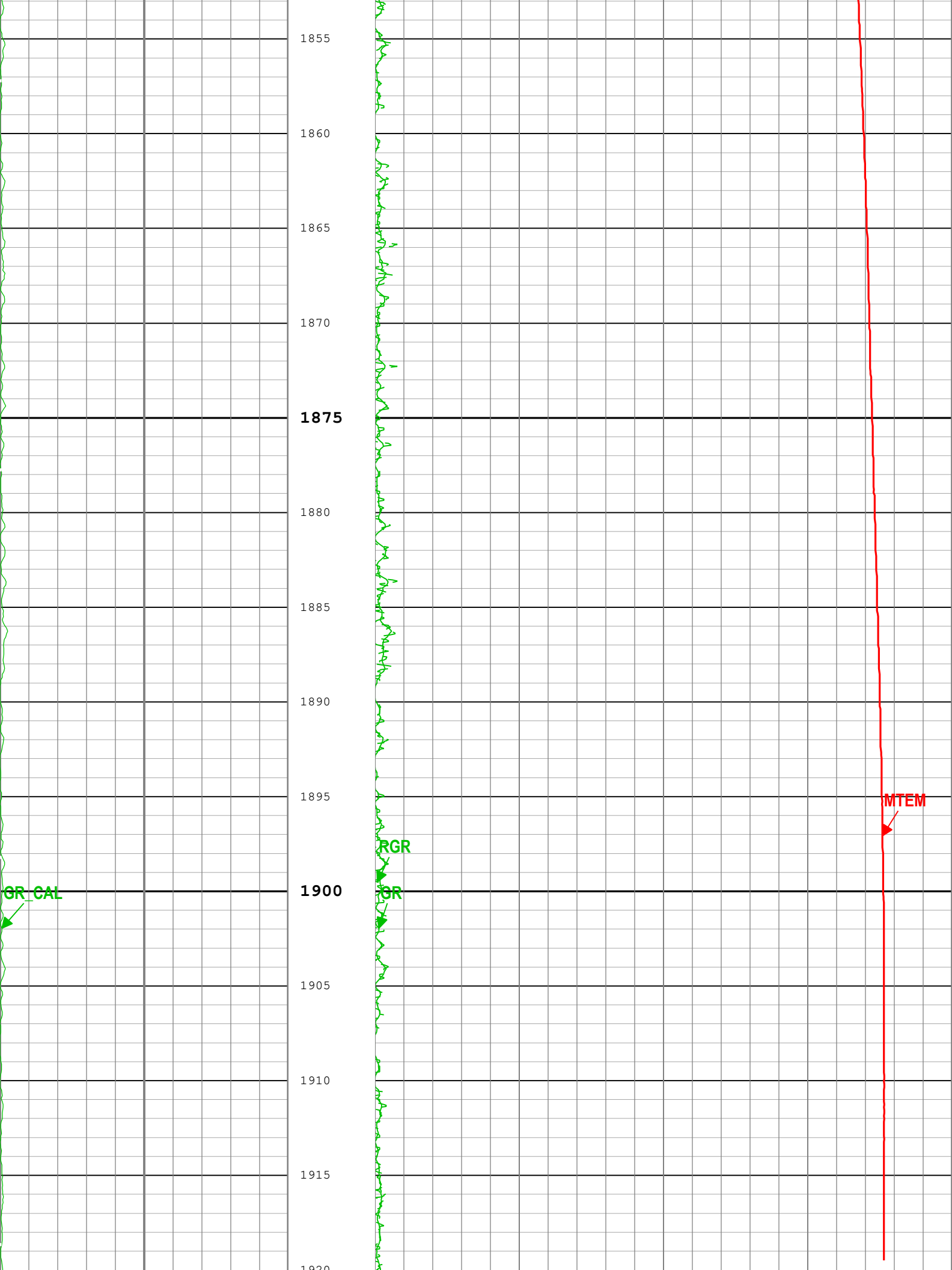
















Accelerometer Coefficients - 11		Master	-----	-----	1.002E-012	-----	
Gamma-Ray Detector Serial Number		Master			7693		

# LEH-PT (Logging Equipment Head - PT, 3 inch 31 pin HPHT with Tension and Temperature Sensor (Need STGC/HTGC to process temperature signal)) Calibration - Run 5

Primary Equipment :  
Logging Equipment Head - PT, 3 inch 31 pin HPHT with Tension and Temperature Sensor (Need STGC/HTGC to process temperature signal) LEH-PT

## 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:
International Ocean Discovery Program

Well:
Expedition 399, Site U1601C

Field:
Building Blocks of Life, Atlantis Massif

RIG:
JOIDES Resolution

Country:
Portugal

Schlumberger

Vertical Seismic Profile (VSP)

EDTC/LEH-PT: GR/MTep

