

Company: ENCANA OIL AND GAS (USA) INC.

Well: COUEY FEDERAL 24-3 (F24W)

Field: WEST MAMM CREEK

County: GARFIELD State: COLORADO

CEMENT BOND LOG
GAMMA RAY/ CCL
TEMP/TEMP-PLOT

County: GARFIELD

Field: WEST MAMM CREEK

Location: SENW SEC 24. T7S-93W

Well: COUEY FEDERAL 24-3 (F24W)

Company: ENCANA OIL AND GAS (USA) INC.

LOCATION			
SENW SEC 24. T7S-93W	Elev.: K.B.	6482 ft	
SHL: 24-7S-93W, 1463 FNL 1564 FWL	G.L.	6457 ft	
BHL: 24-7S-93W, 570 FNL 1920 FWL	D.F.	6448 ft	
Permament Datum: _____	GROUND LEVEL _____	Elev.: 6457 ft	
Log Measured From: _____	KELLY BUSHING _____	25.0 ft	above Perm. Datum
Drilling Measured From: _____	KELLY BUSHING _____		
API Serial No. _____	Section 24	Township 7S	Range 93W
05-045-12524-0000			

Logging Date	9-May-2007		
Run Number	2		
Depth Driller	8135 ft		
Schlumberger Depth	8050 ft		
Bottom Log Interval	8050 ft		
Top Log Interval	200 ft		
Casing Fluid Type	WATER		
Salinity			
Density	8.345 lbm/gal		
Fluid Level			
BIT/CASING/TUBING STRING			
Bit Size	7.875 in		
From	25 ft		
To	8135 ft		
Casing/Tubing Size	4.500 in		
Weight	11.6 lbm/ft		
Grade			
From	25 ft		
To	8135 ft		
Maximum Recorded Temperatures	223 degF		
Logger On Bottom	9-May-2007	15:23	
Unit Number	341	GRAND JUNCTION	
Recorded By	MIKE RAGAN		
Witnessed By	DOUG MACLEAN		

	Oil Density	Run 1	Run 2	Run 3
	Water Salinity			
	Gas Gravity			
	Bo			
	Bw			
	1/Bg			
	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			

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 OF 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.

OTHER SERVICES1

OS1: NONE

OS2:

OS3:

OS4:

OS5:

RFMA

HE-10-1-00-00000000-AND-NO

THIS LOG CORRELATED TO PLATFORM EXPRESSSS (SLB)
RUN ON 7-MAY-2007

TOOL RAN AS PER TOOL SKETCH

TOOL RAN CENTRALIZED

MAX RECORDED TEMPERATURE: 223 DEGF

TD @ 8050 FT

SHORT JOINT: 5597-5618 FT, 6589-6610 FT

ESTIMATED TOP OF CEMENT: 4370 FT

CREW: E. BRYAN

THANK YOU FOR CHOOSING SCHLUMBERGER

RUN 1

SERVICE ORDER #:
PROGRAM VERSION:
FLUID LEVEL:

14C0-302

LOGGED INTERVAL

START

STOP

RUN 2

SERVICE ORDER #:
PROGRAM VERSION:
FLUID LEVEL:

LOGGED INTERVAL

START

STOP

EQUIPMENT	DESCRIPTION
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RUN 1

RUN 2

SURFACE EQUIPMENT

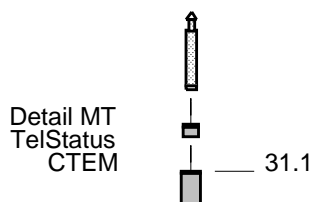
WITM-A 2867
PSC 16MHZ 2867

DOWNHOLE EQUIPMENT

MH-22		33.0
MH-22		

AH-38	Detail MI	31.4
	TelStatus	

HBMS-B CTEM 31.1 31.1



PSC-A 2867
HUDH-A 2867
HSTC-A 2867
HBMC-A 2867
GR
CCL 2867
HBMC 2867
HTPS-A 2867
HCQG_E_Mano 2867
RTD_Thermometer 2867

GR — 26.2

CCL — 23.8

HSTC Aux.
HBMC Aux. — 22.3

CQG Manom
Well_Temp — 20.9

SCMT-CB
SCMC-CA
SECH-CA 8139
CMIR-AG
SCMS-CB 8186
SCMX-CA 8132

20.0

DT — 10.9

CBL5 DTSC — 9.4

CBL3
MAP — 8.4
— 7.9

AUX — 6.9

HV
Tension SCMT — 0.0
TOOL ZERO

MAXIMUM STRING DIAMETER 2.07 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET



MAIN PASS

Schlumberger

MAIN PASS

MAXIS Field Log

Company: ENCANA OIL AND GAS (USA) INC.	Well: COUEY FEDERAL 24-3 (F24W)
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Company: ENCANA OIL AND GAS (USA) INC.	Well: COUEY FEDERAL 24-3 (F24W)
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Input DLIS Files						
DEFAULT	SCMT_HBMS_007LUP	FN:6	PRODUCER	09-May-2007 15:49	8061.0 FT	175.5 FT

Input DLIS Files						
DEFAULT	SCMT_HBMS_007LUP	FN:6	PRODUCER	09-May-2007 15:49	8061.0 FT	175.5 FT

Output DLIS Files						
DEFAULT	SCMT_HBMS_010PUP	FN:9	PRODUCER	09-May-2007 18:20	8063.0 FT	179.0 FT

Output DLIS Files						
DEFAULT	SCMT_HBMS_010PUP	FN:9	PRODUCER	09-May-2007 18:20	8063.0 FT	179.0 FT

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SCMT-CB	14C0-302	HBMS-B	14C0-302	

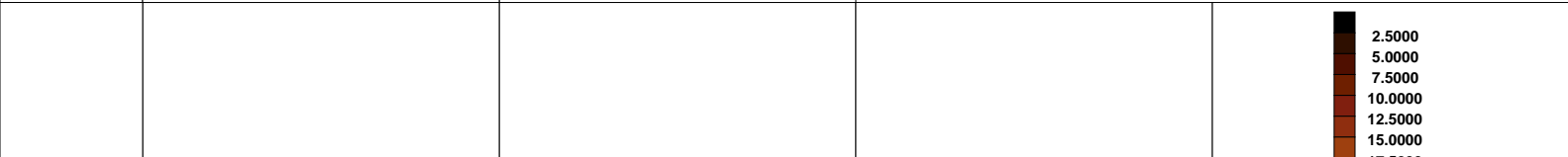
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SCMT-CB	14C0-302	HBMS-B	14C0-302	

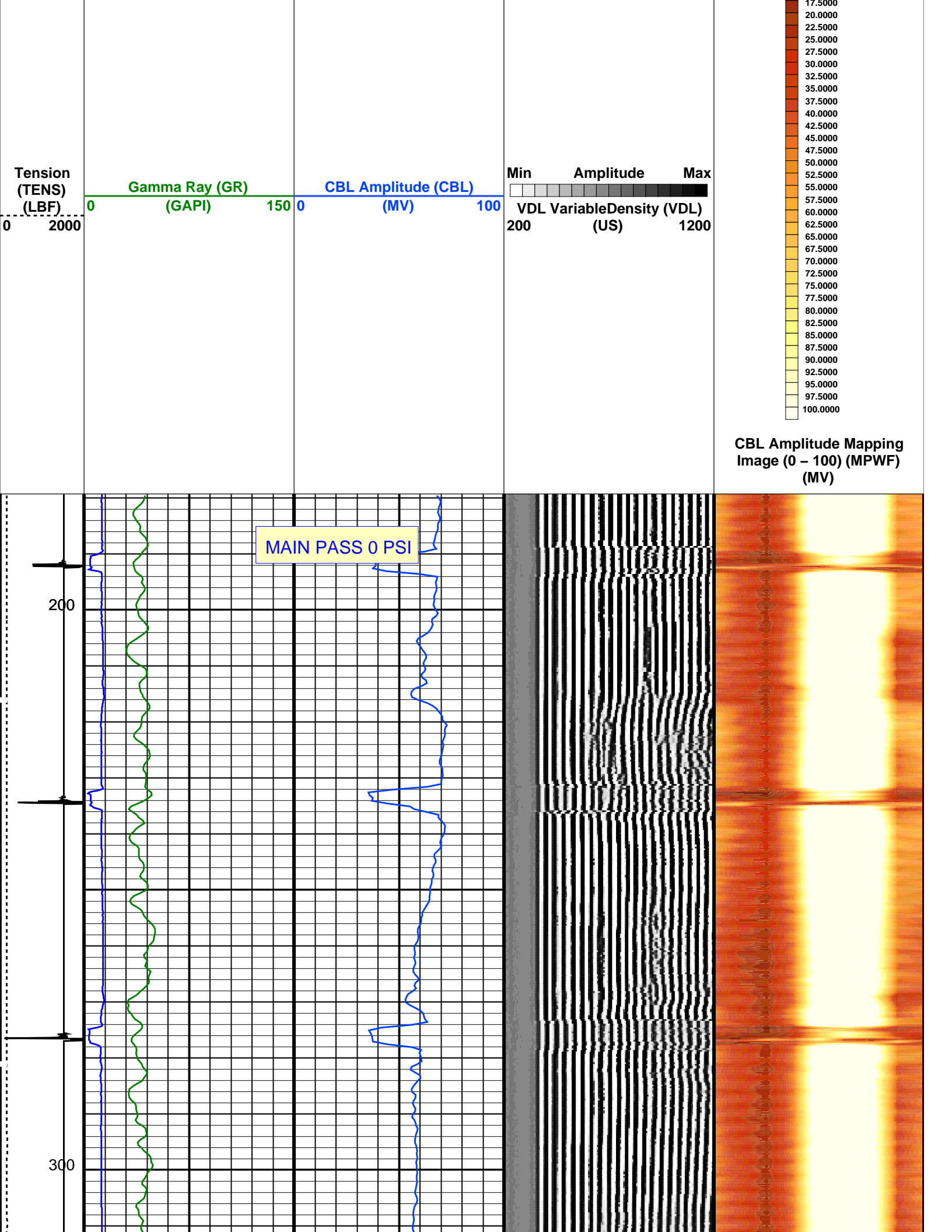
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SCMT-CB	14C0-302	HBMS-B	14C0-302	

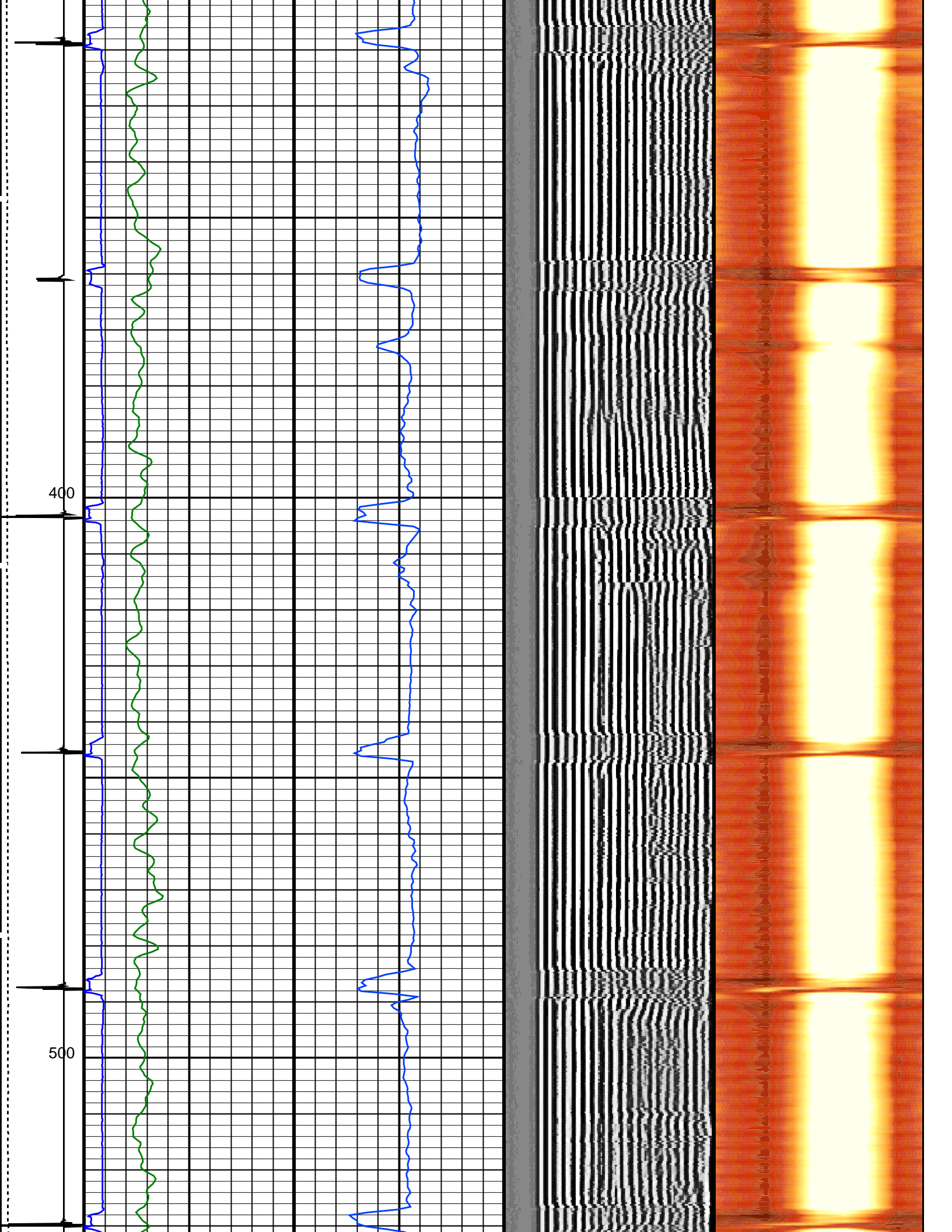
PIP SUMMARY

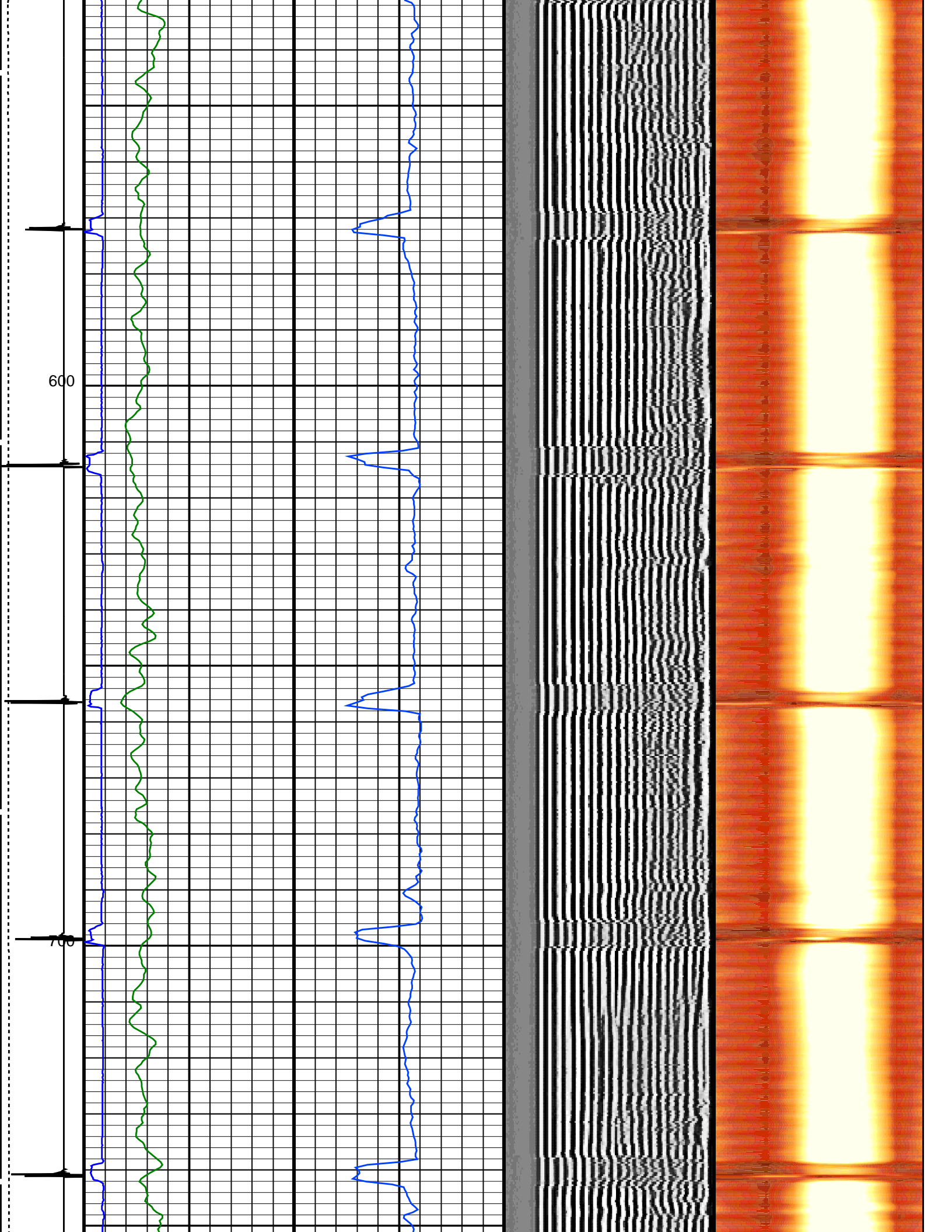
PIP SUMMARY

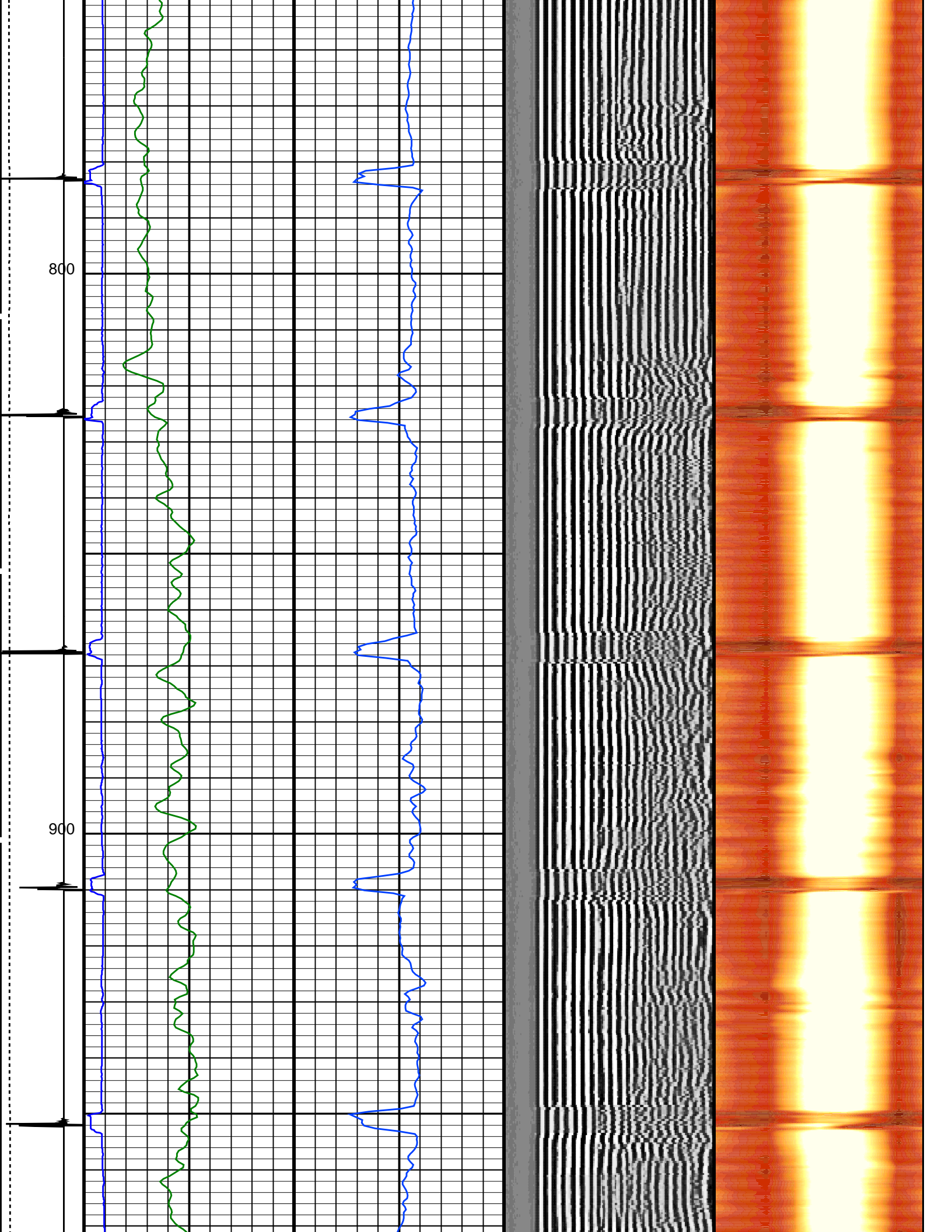
Discriminat ed CCL (CCLD)	Transit Time (TT)		CBL Amplitude (CBL)	
	260 (US)	160	0 (MV)	10
3 (V) -1				

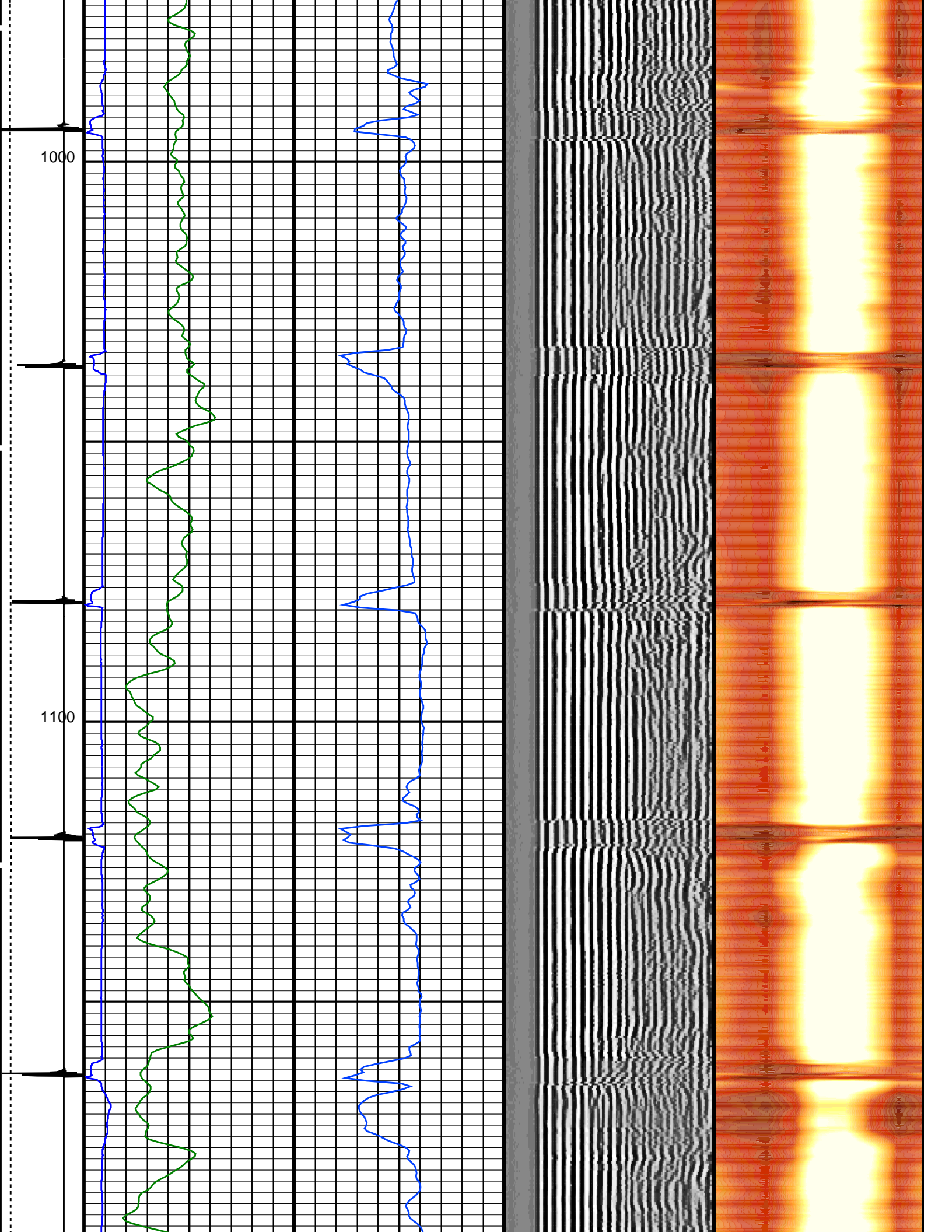


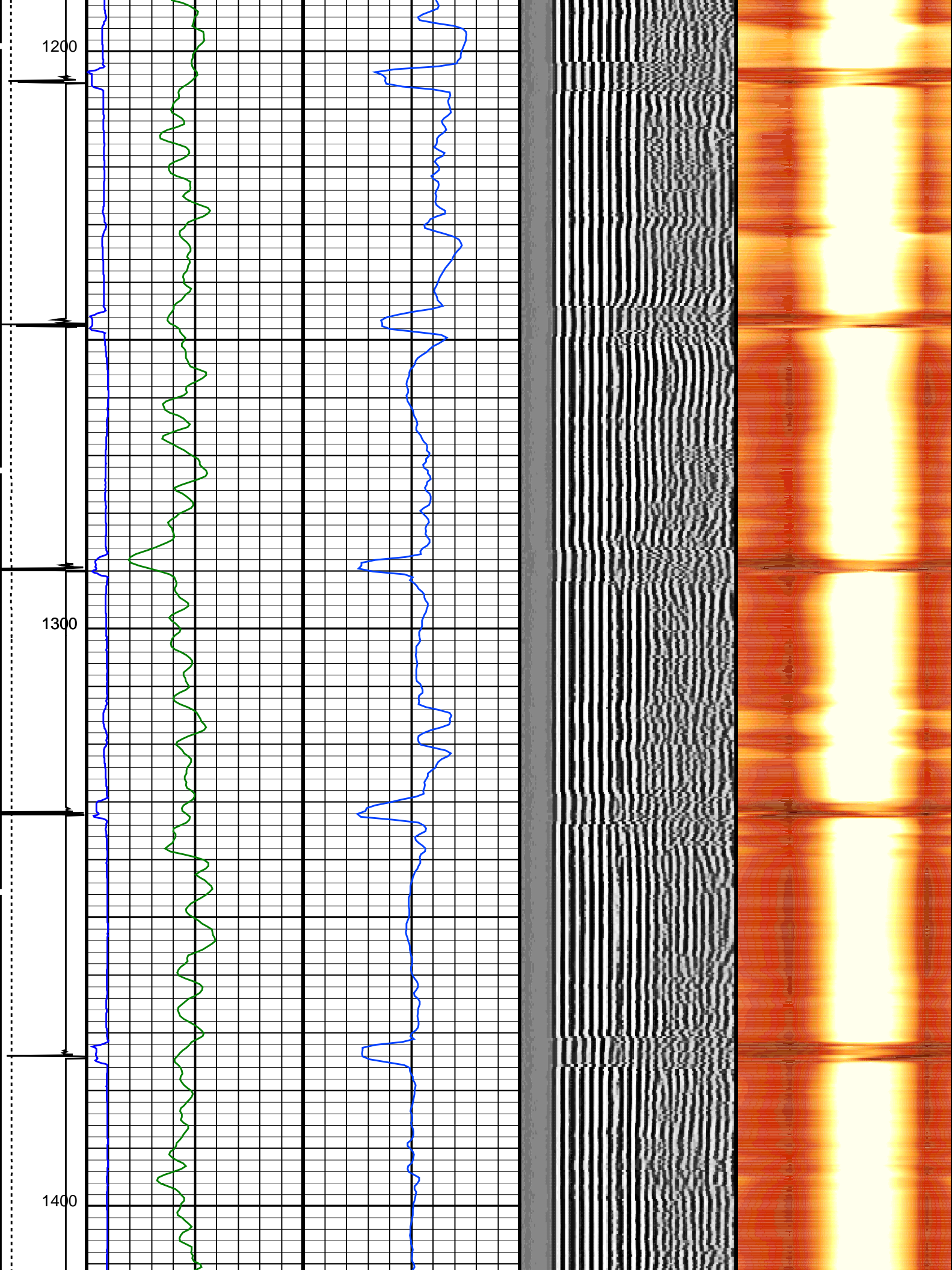


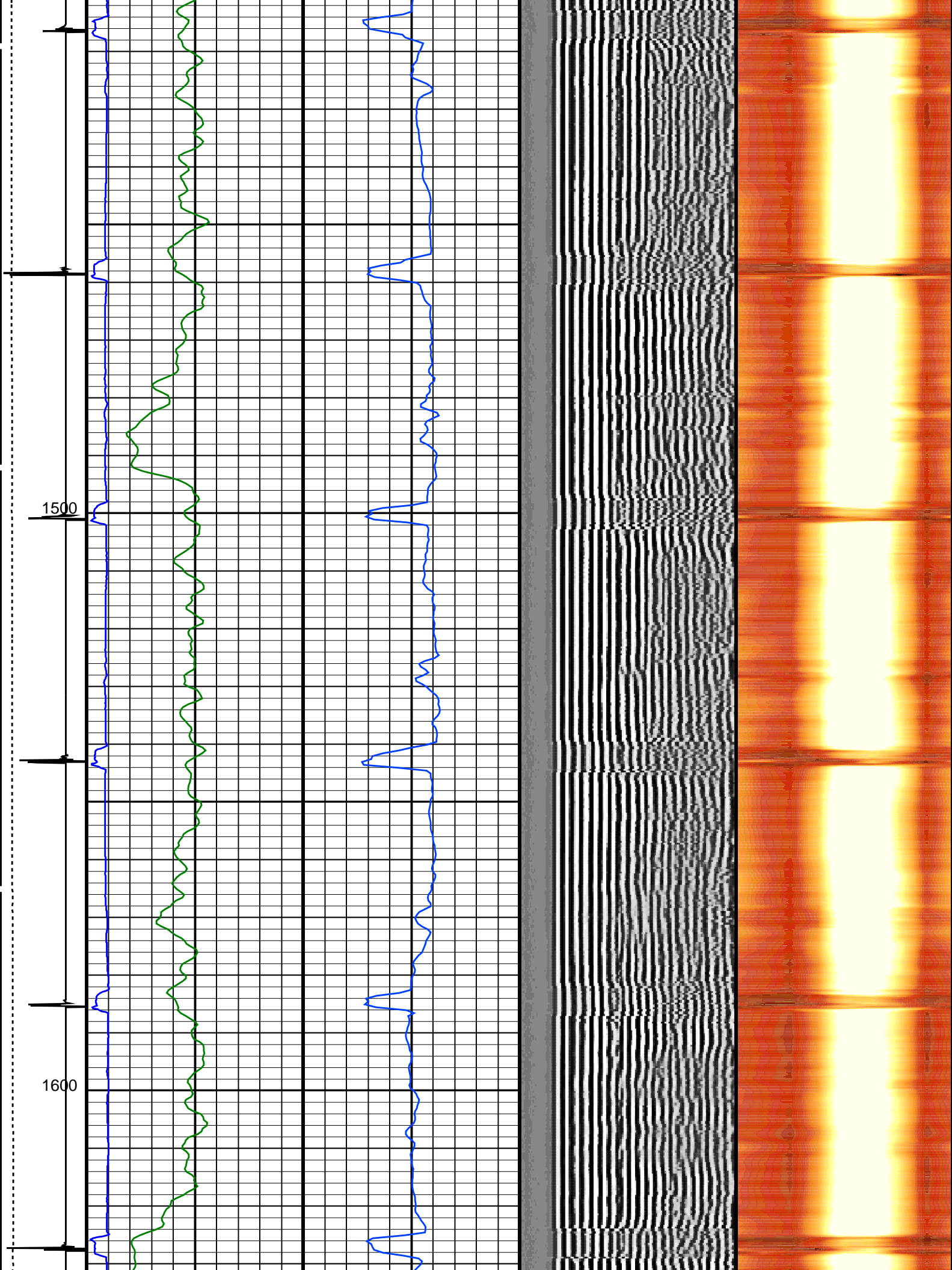


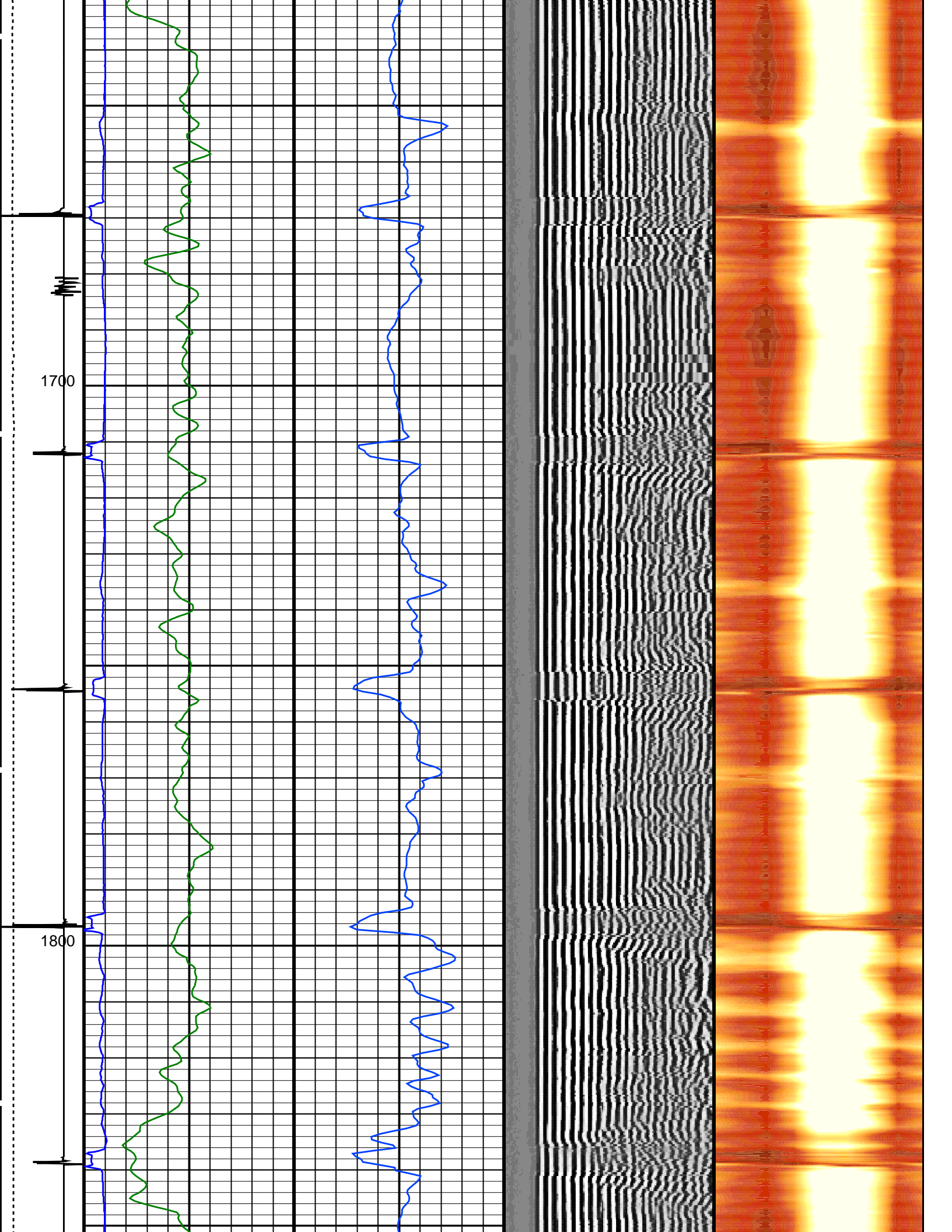


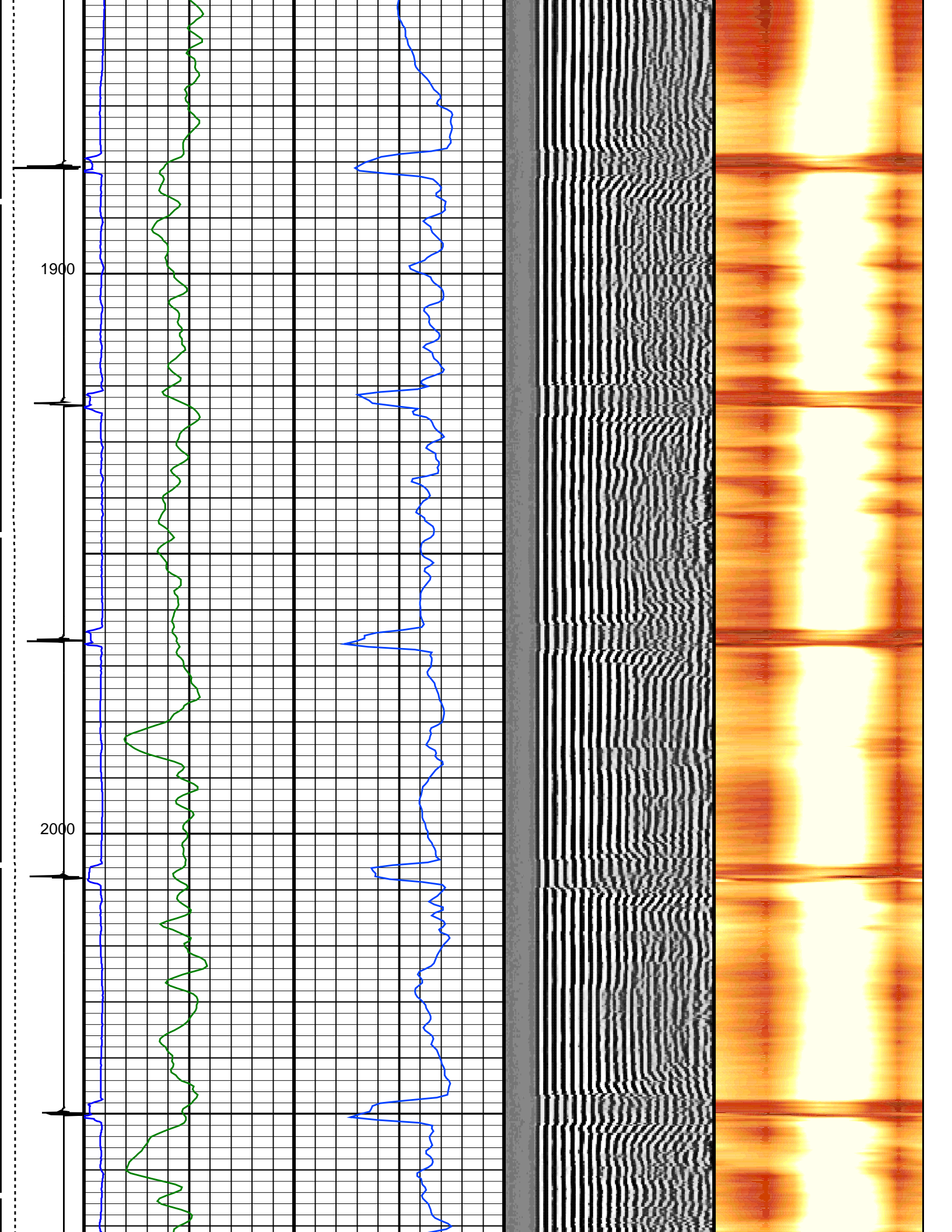


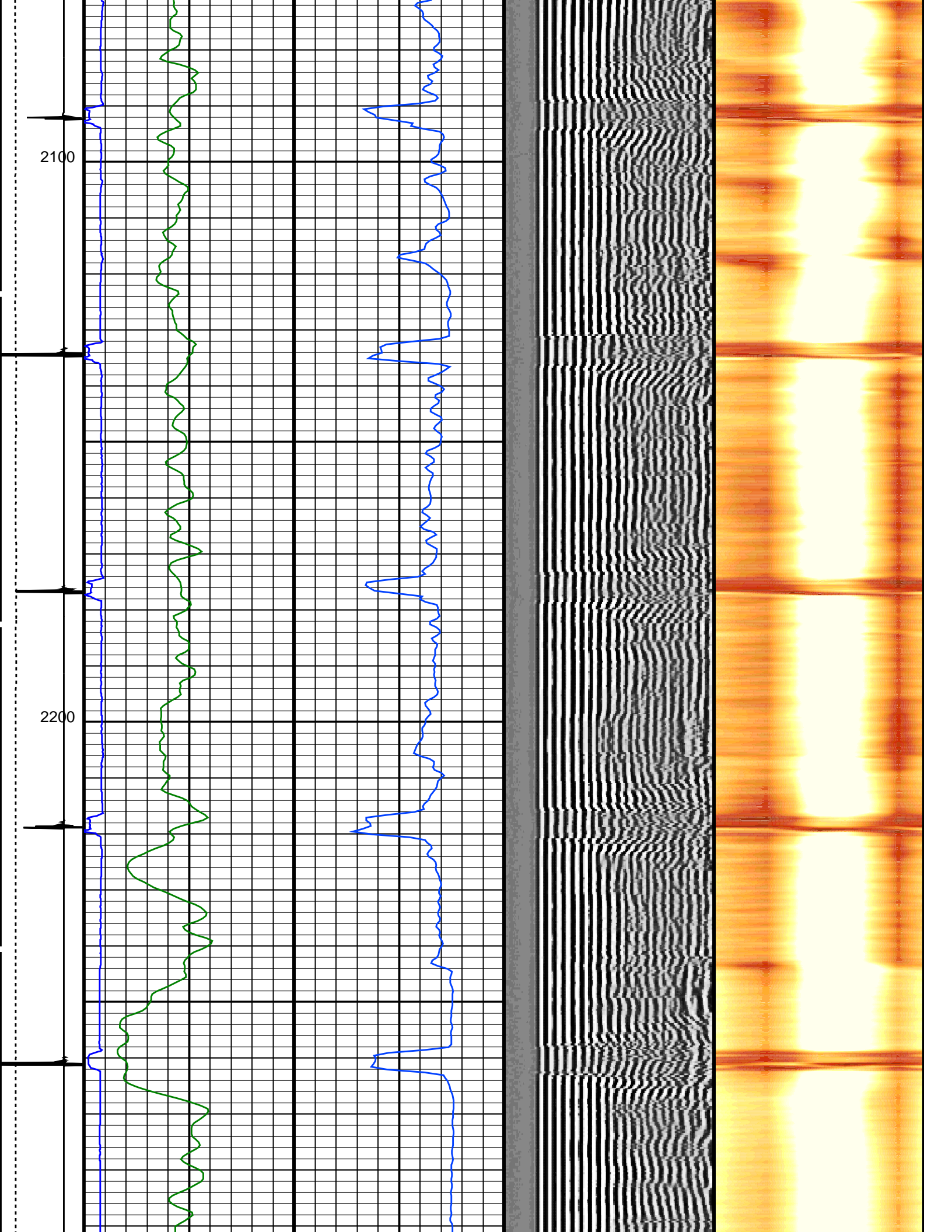


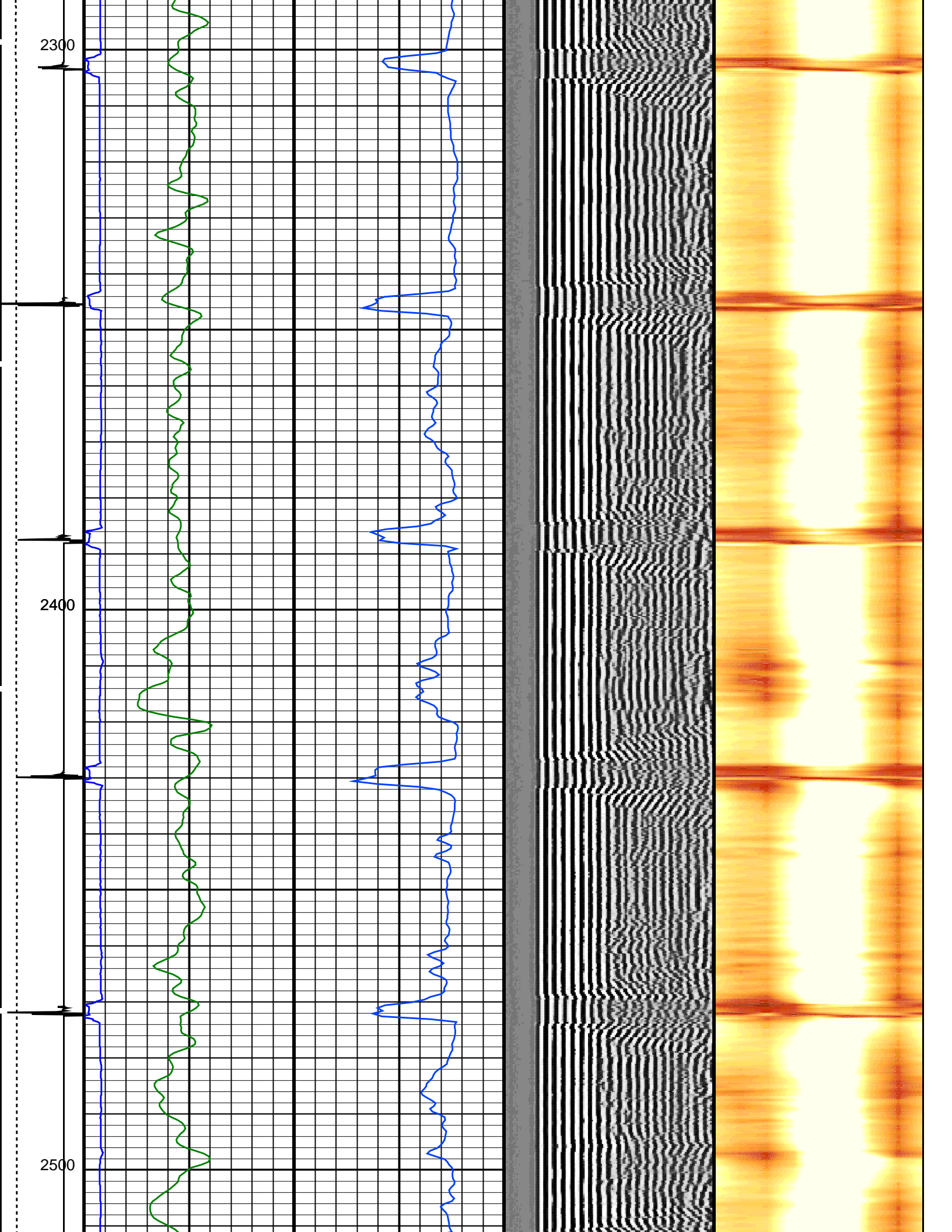


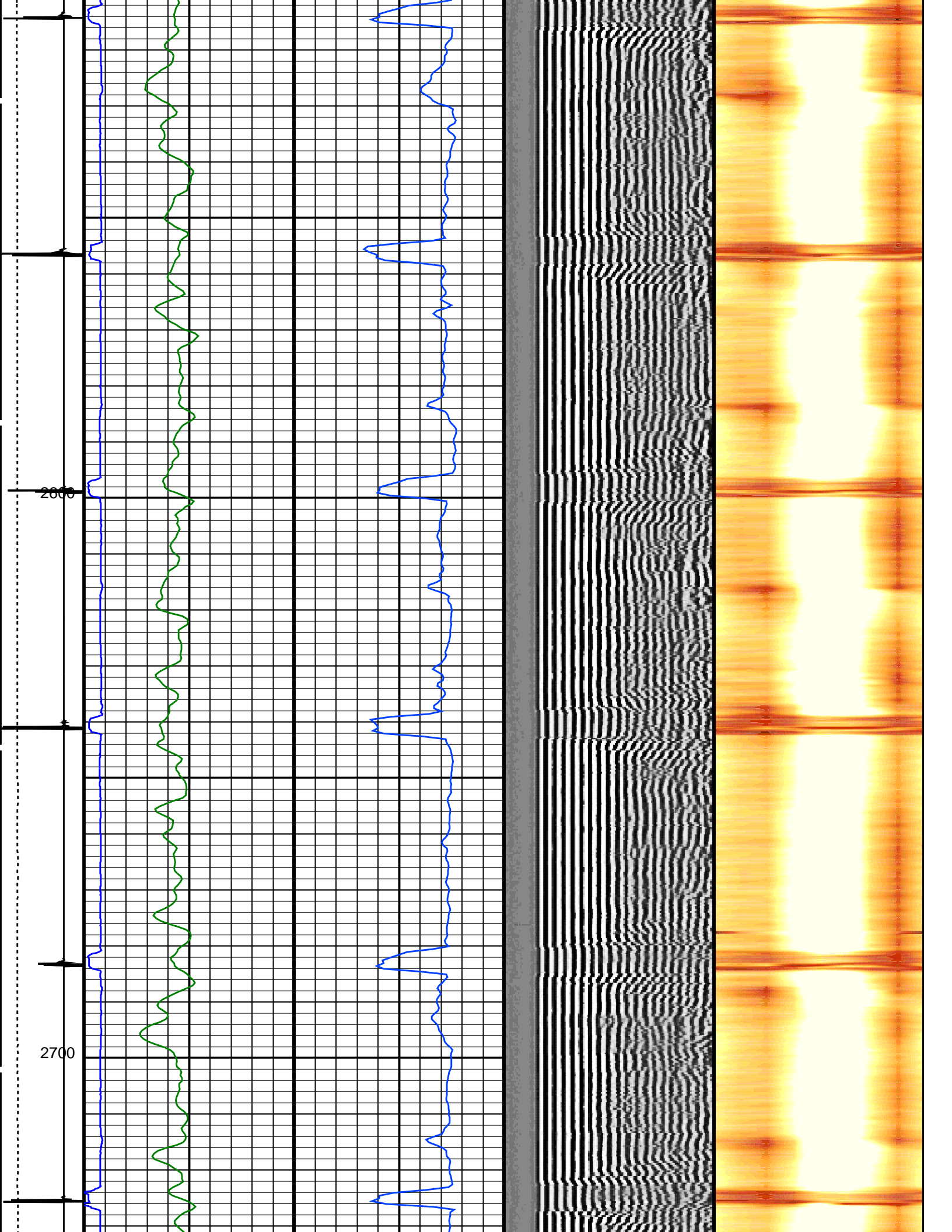


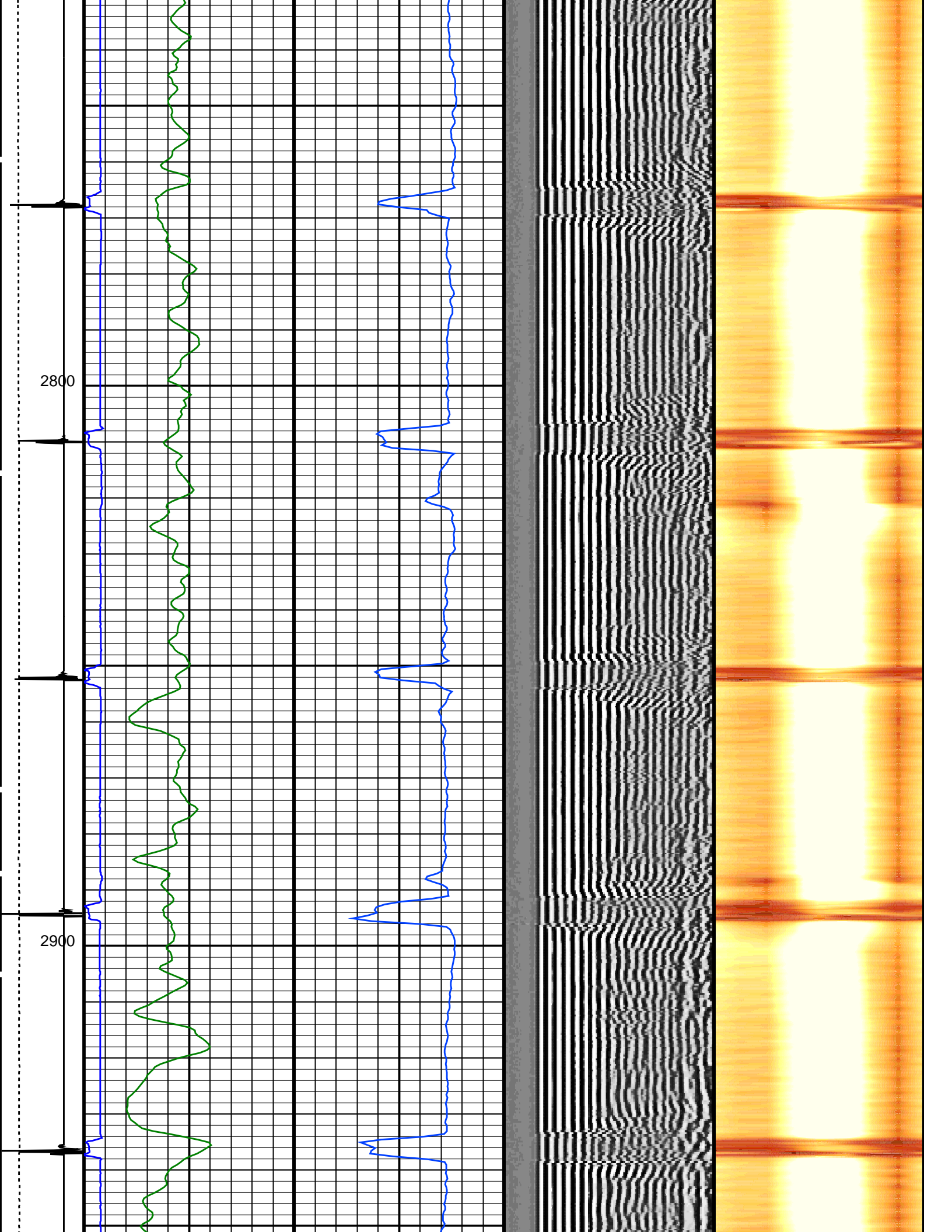


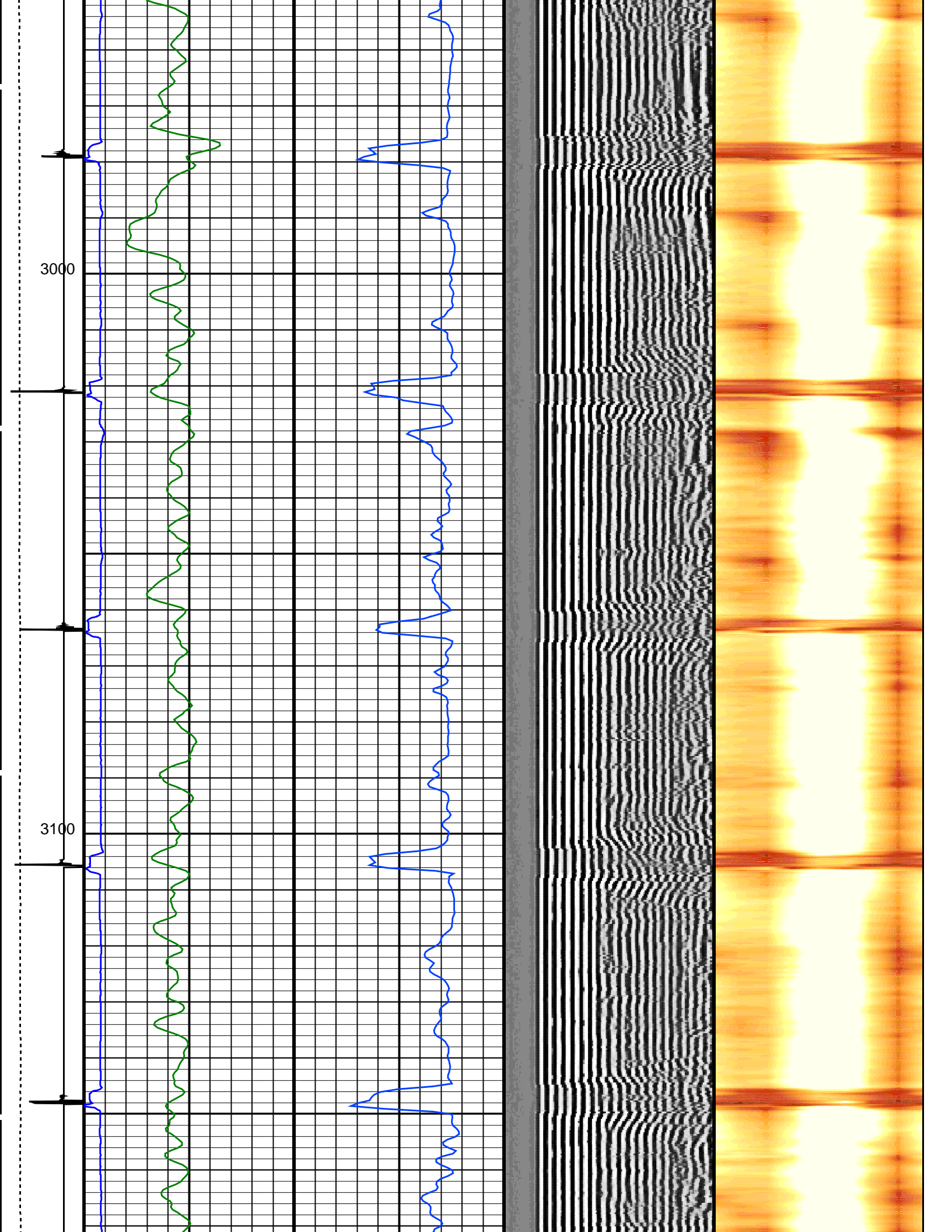


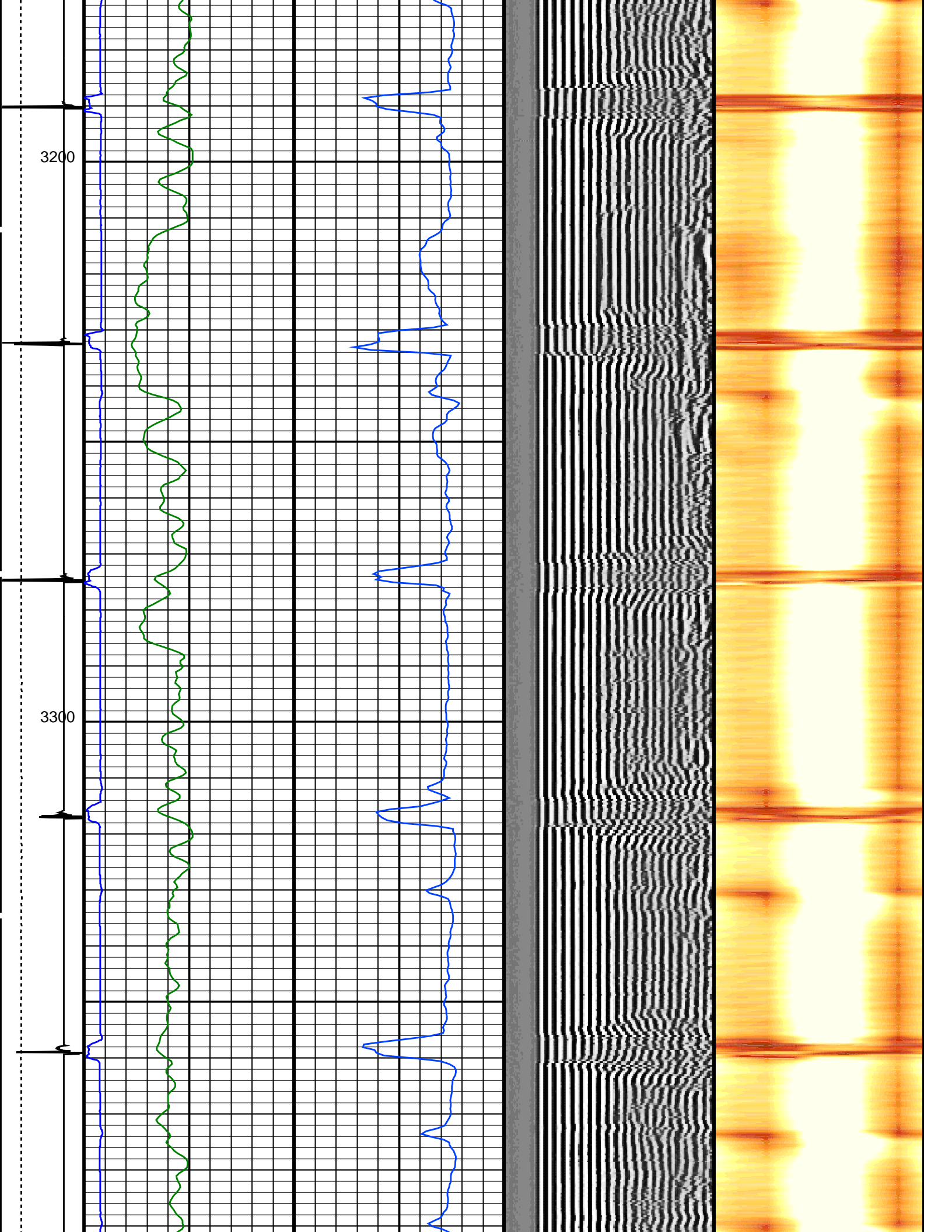


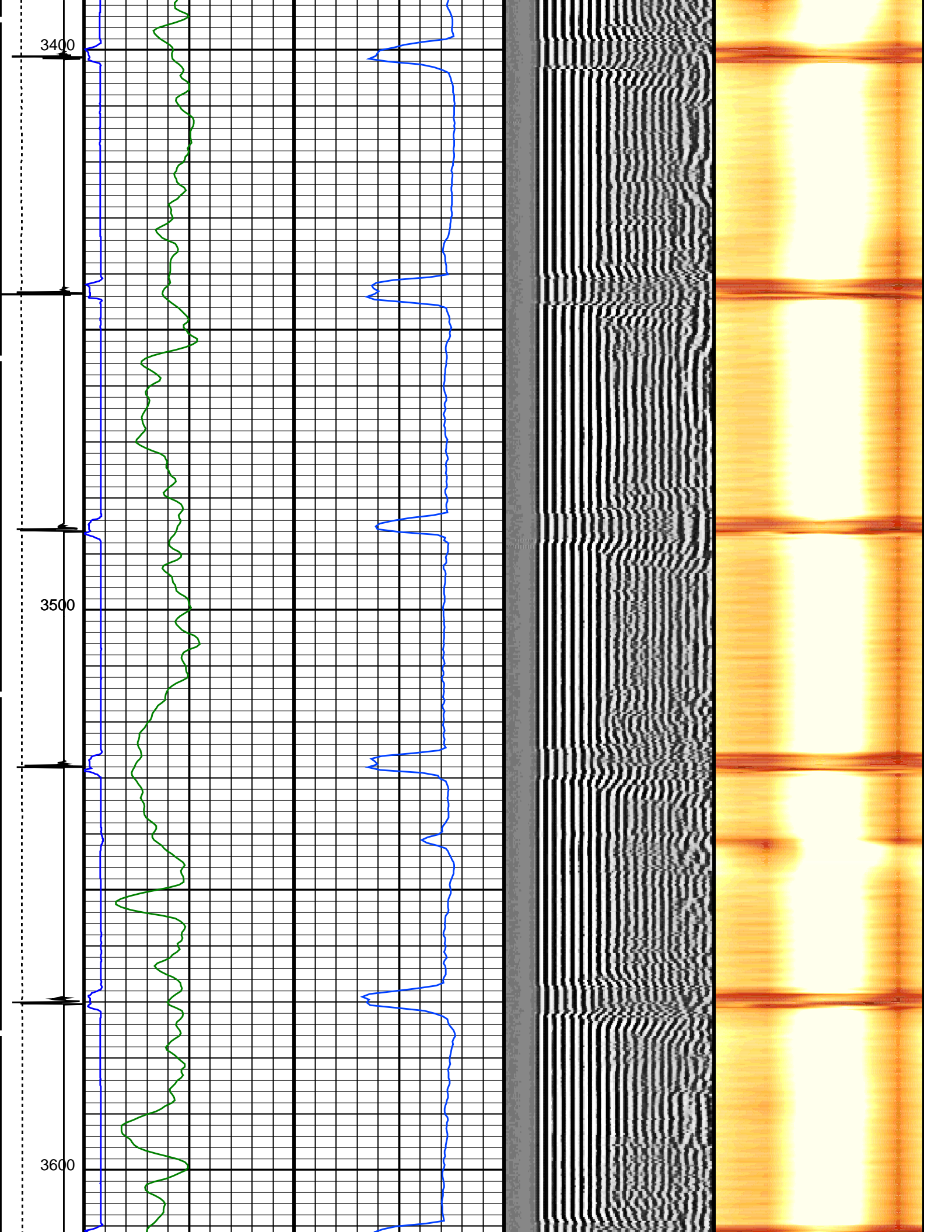


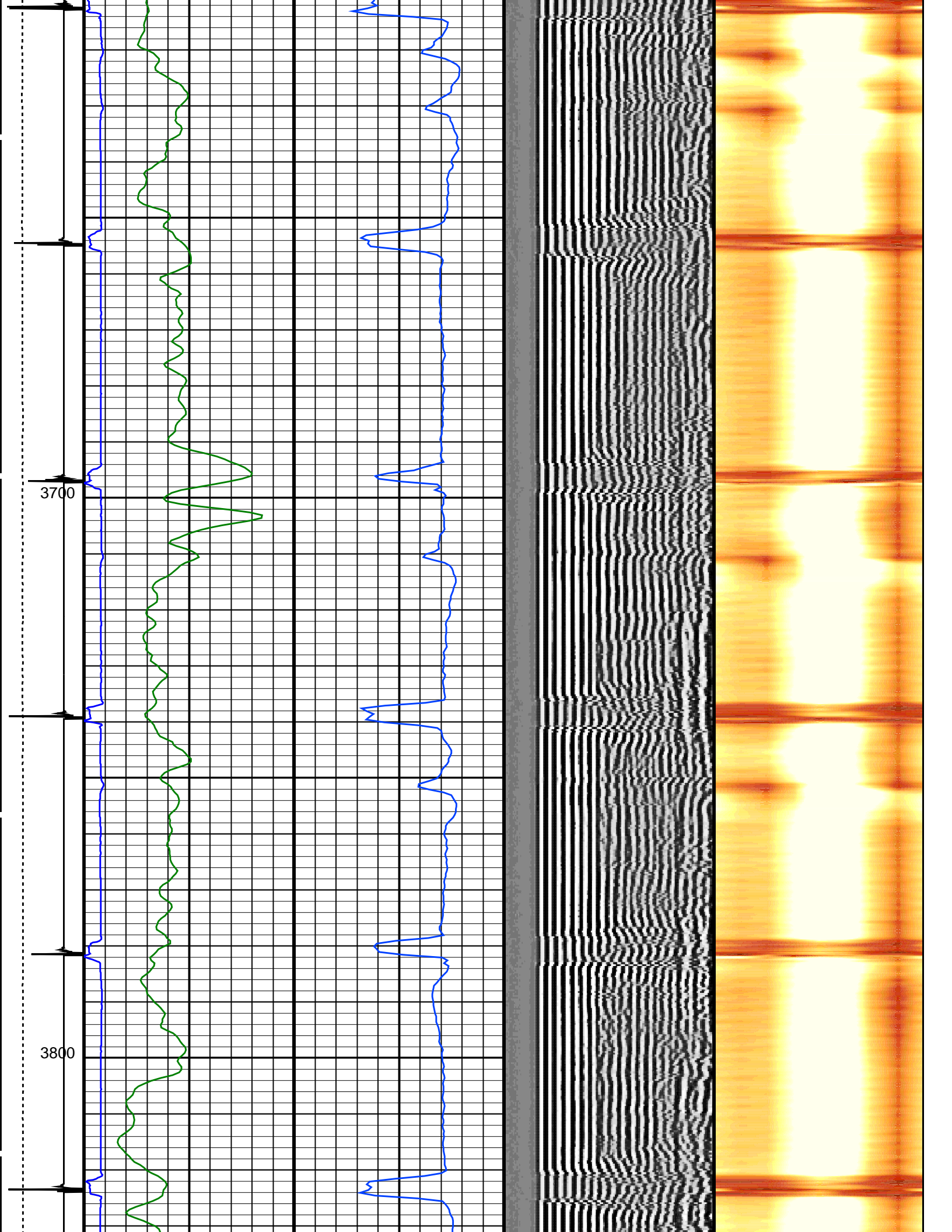


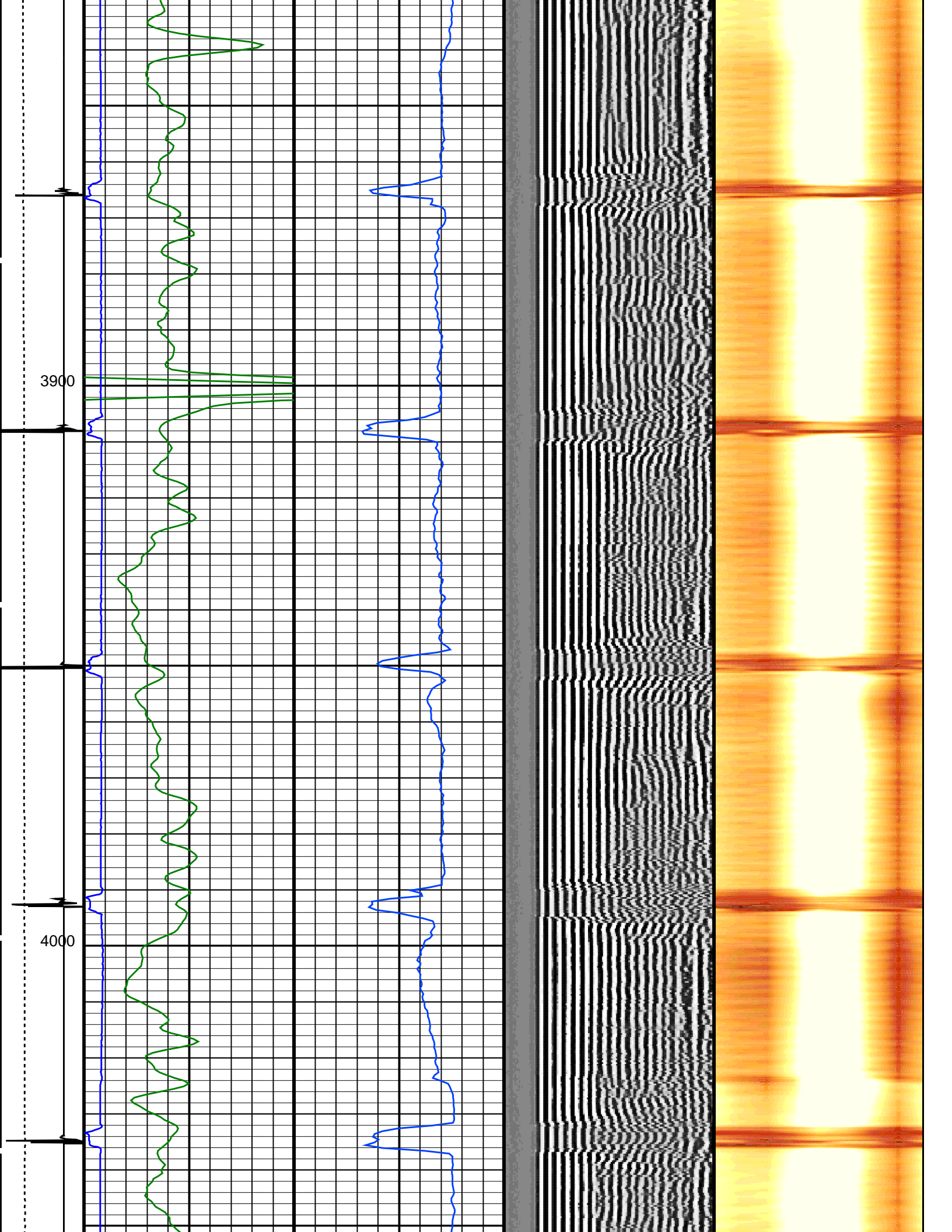


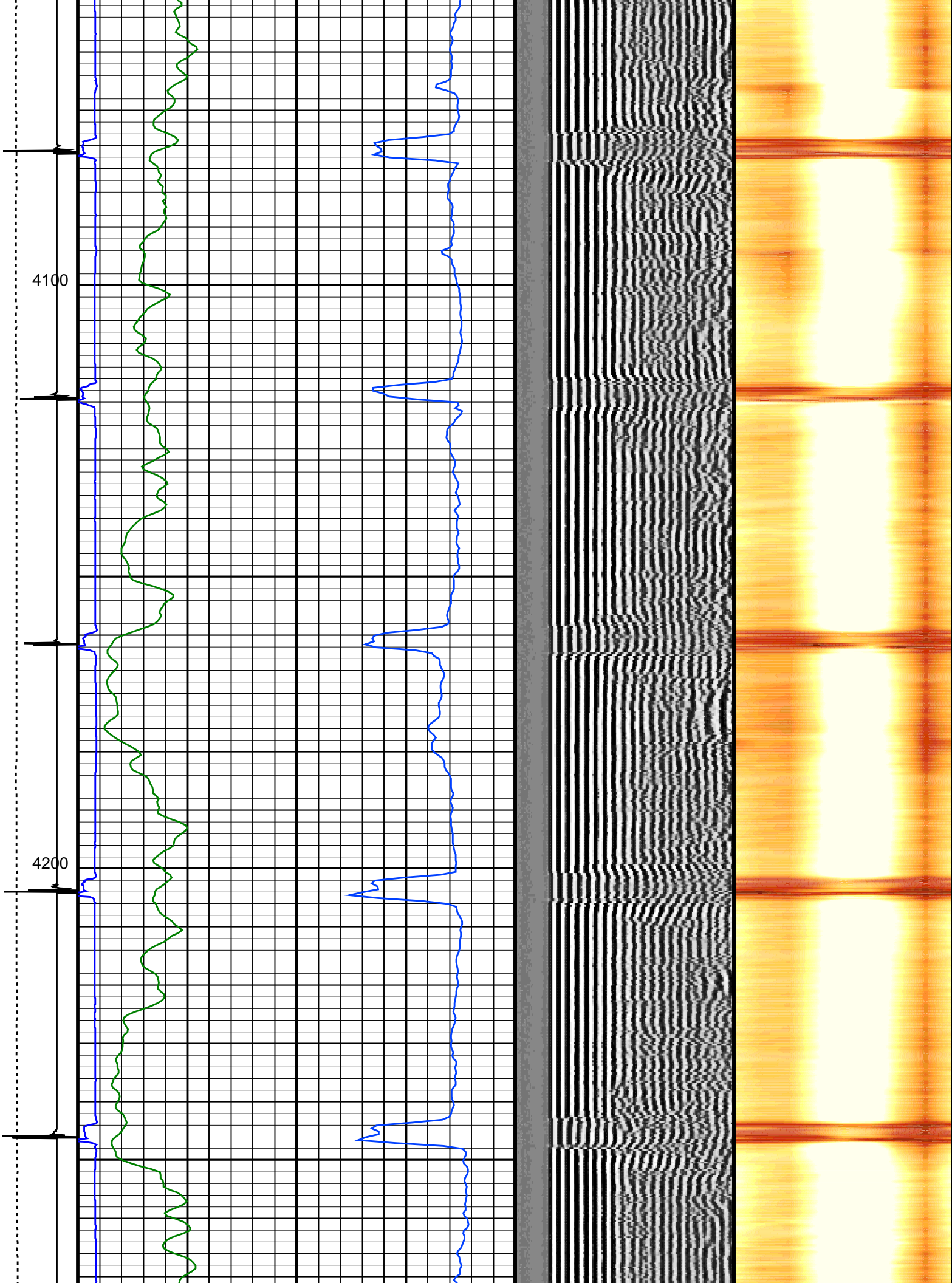


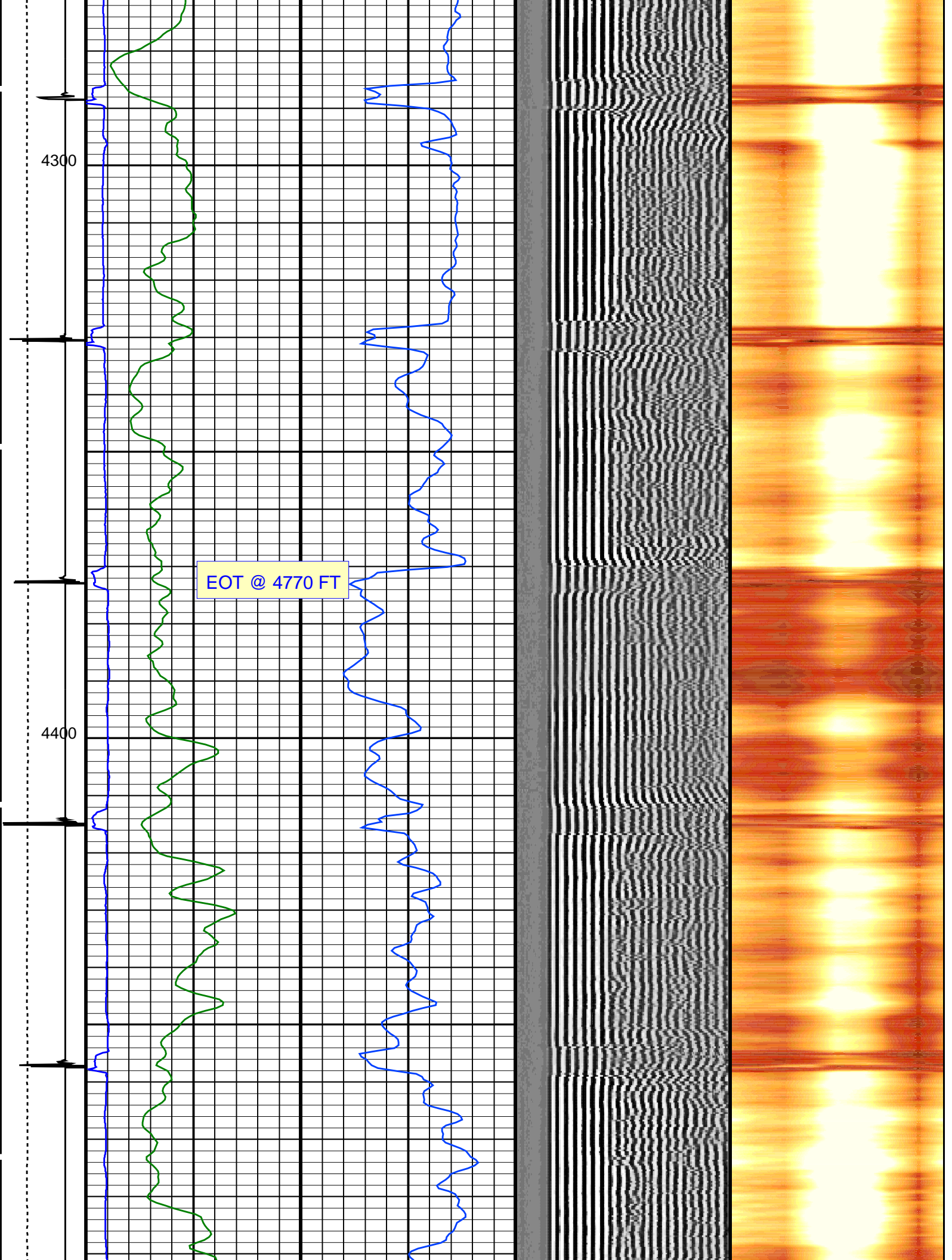


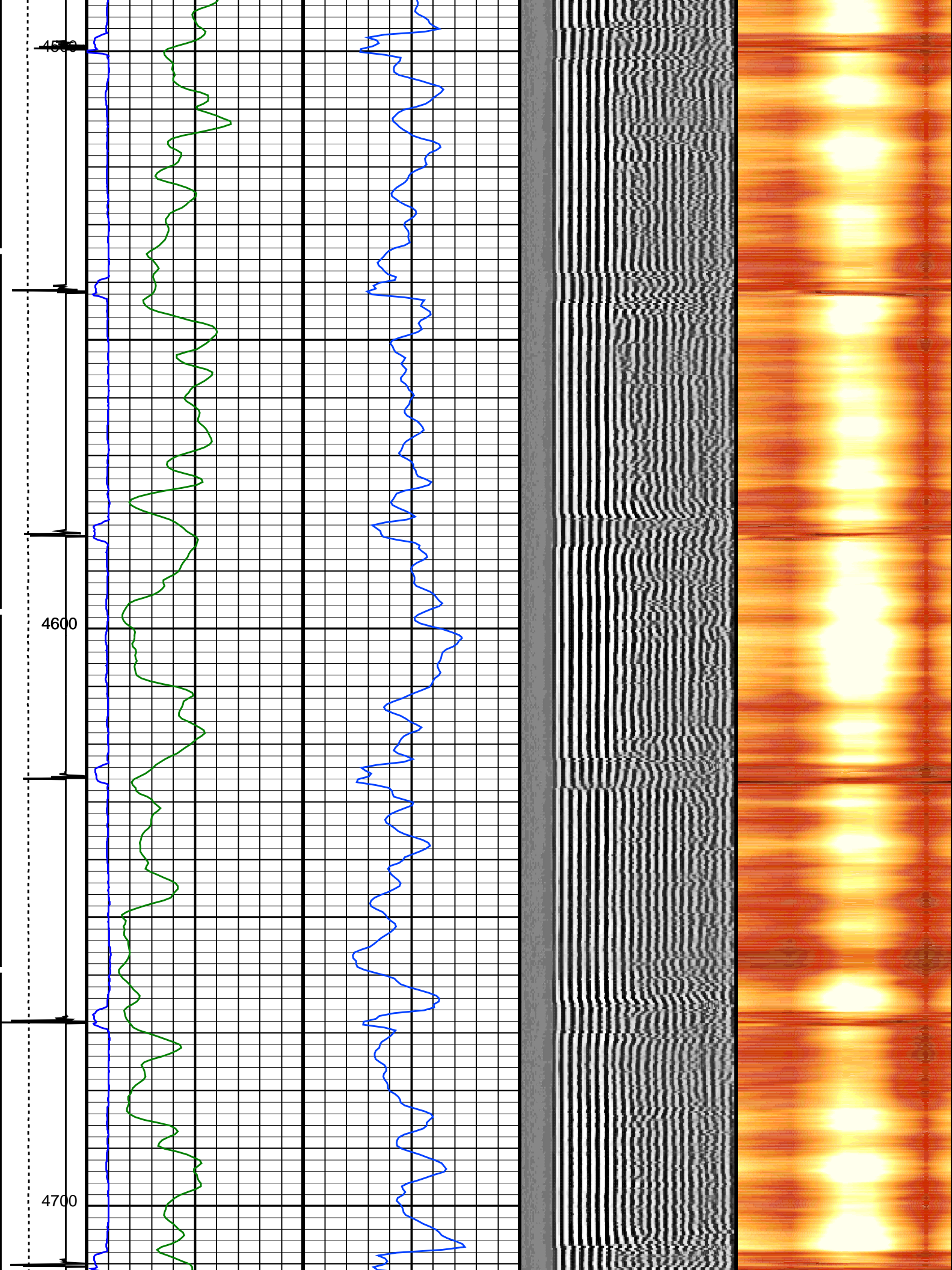


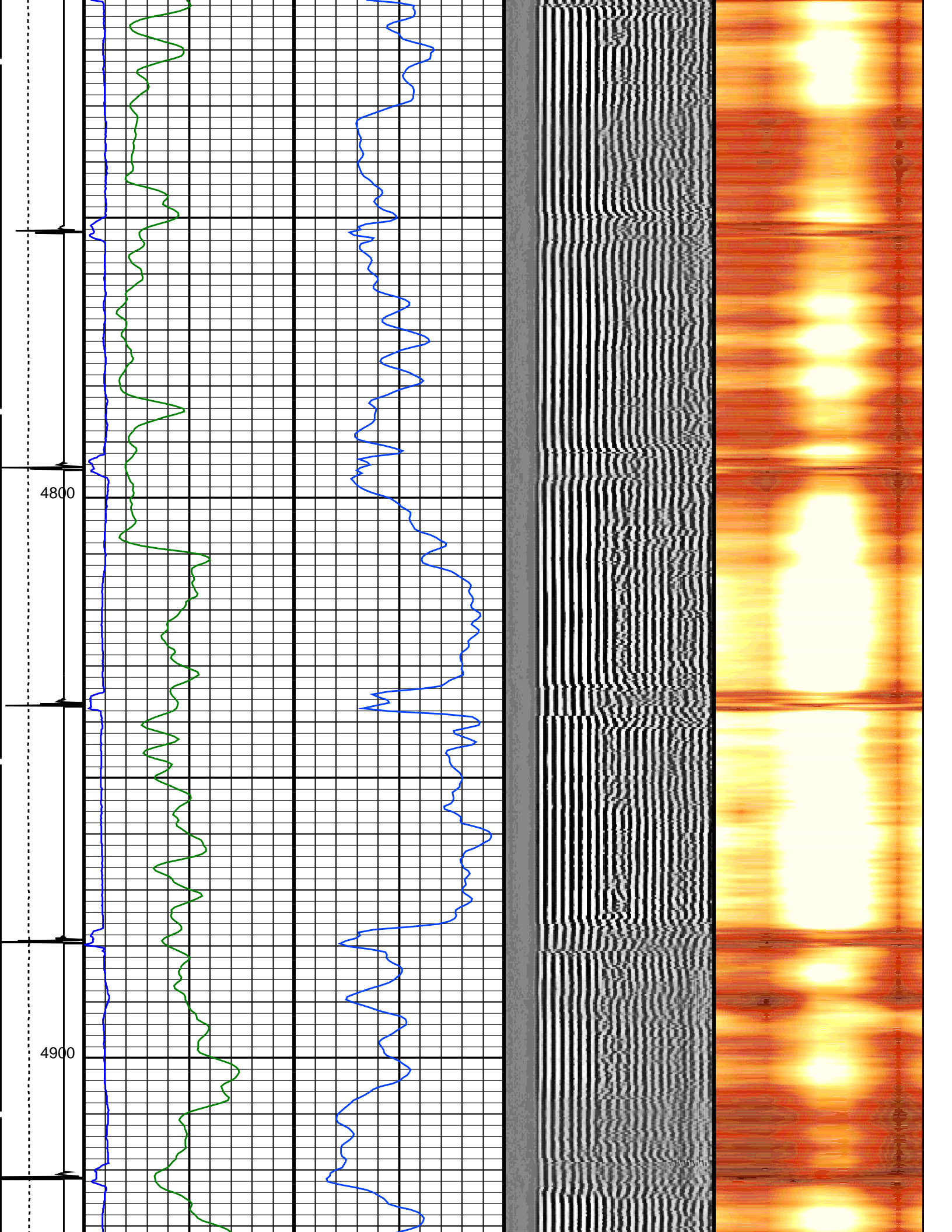


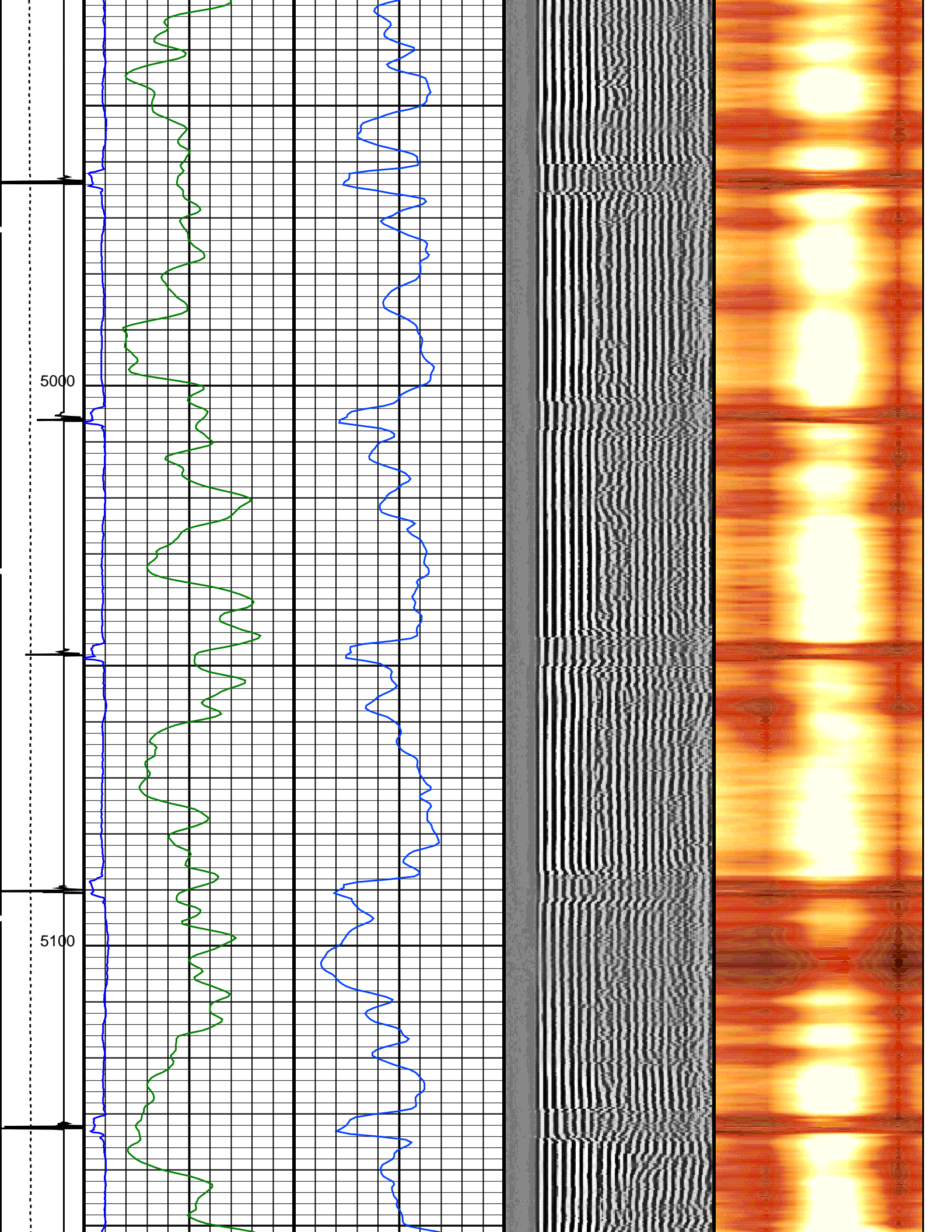


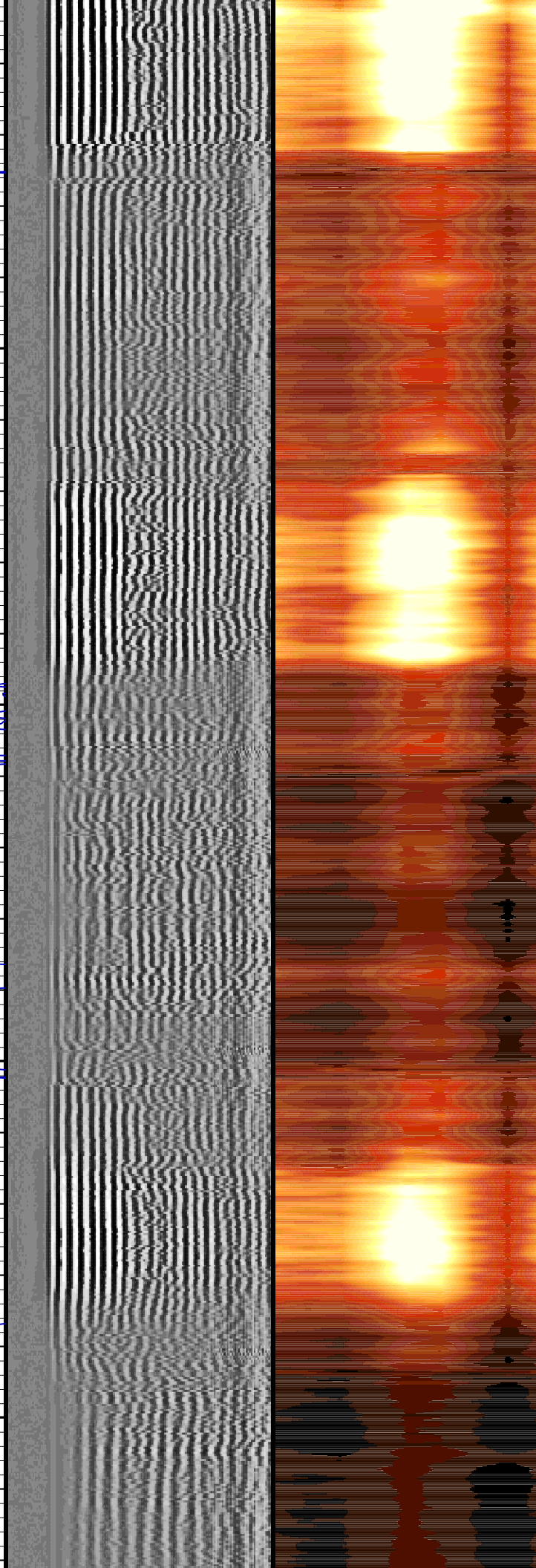
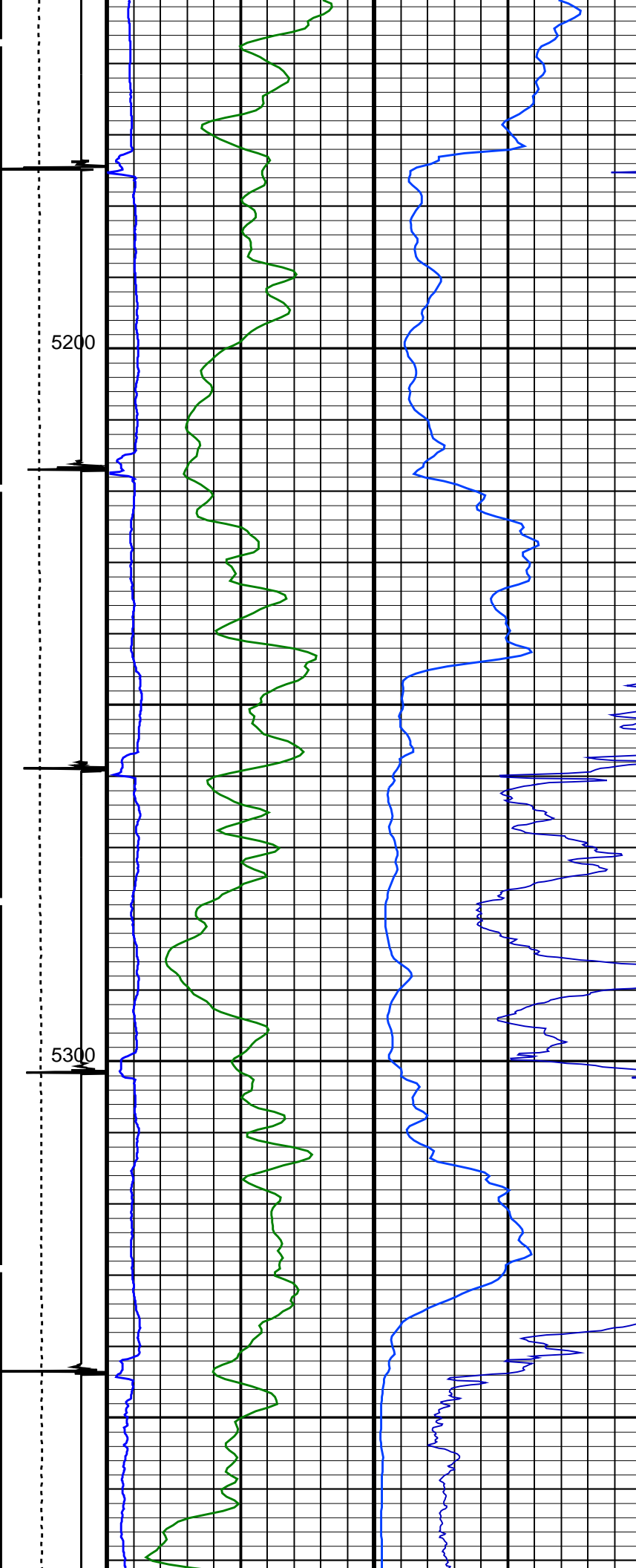


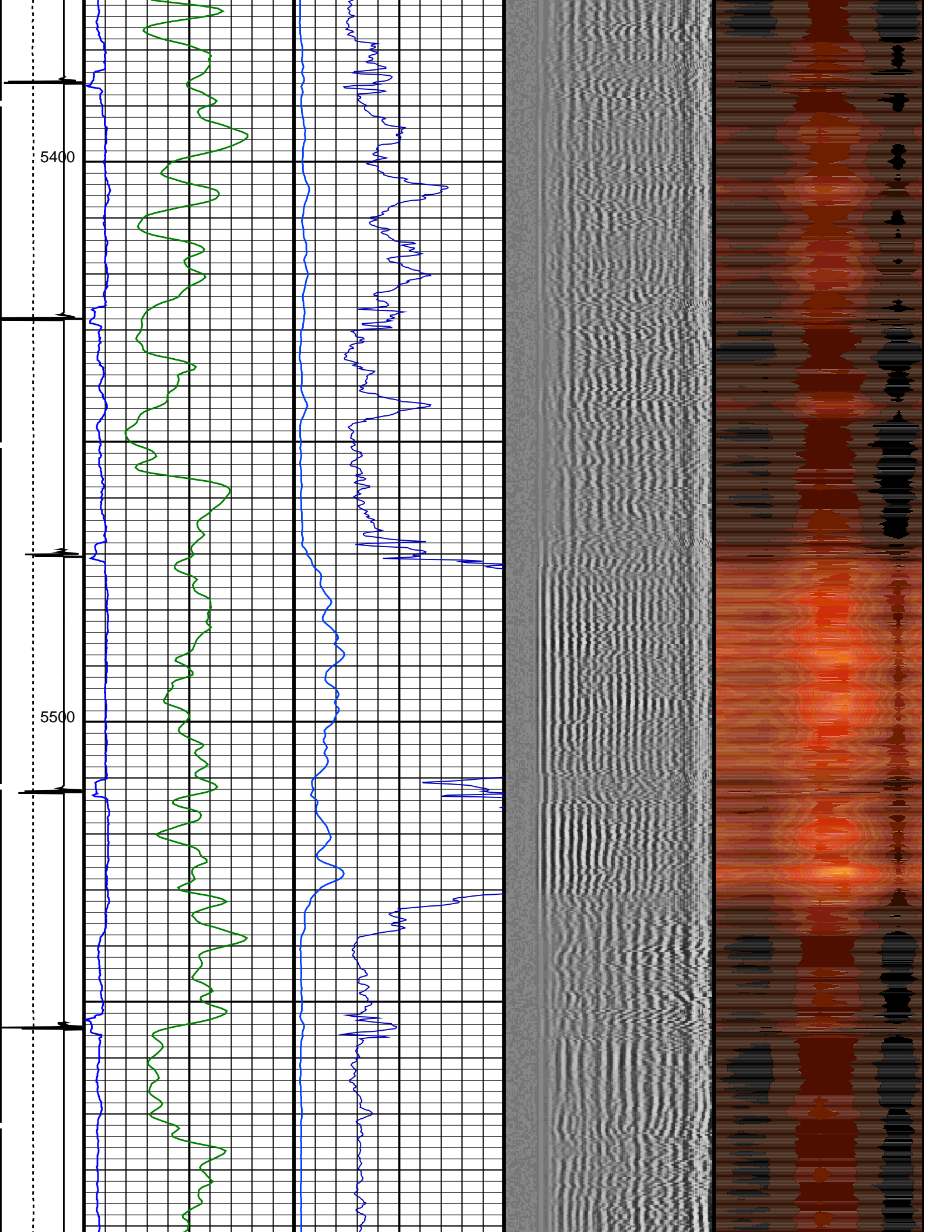


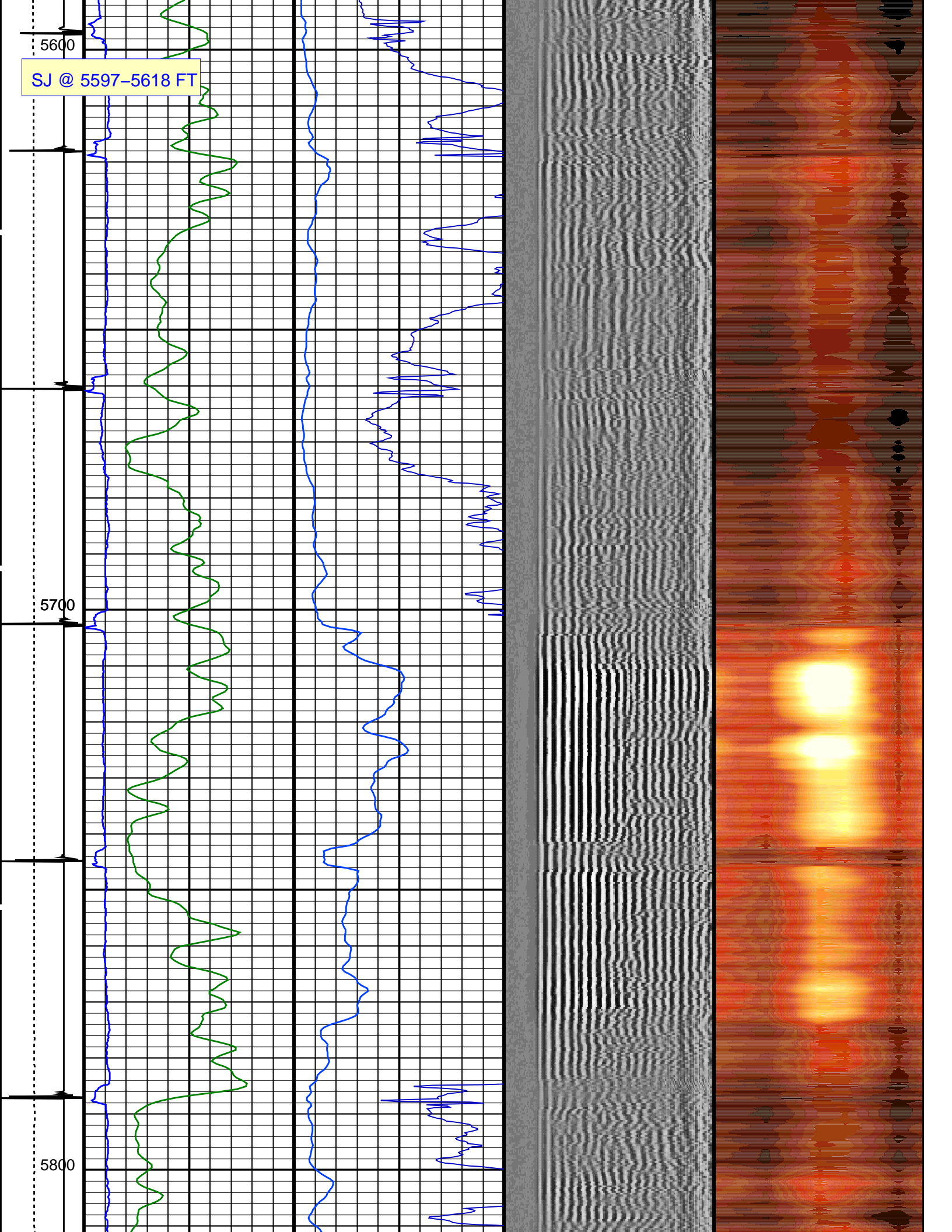


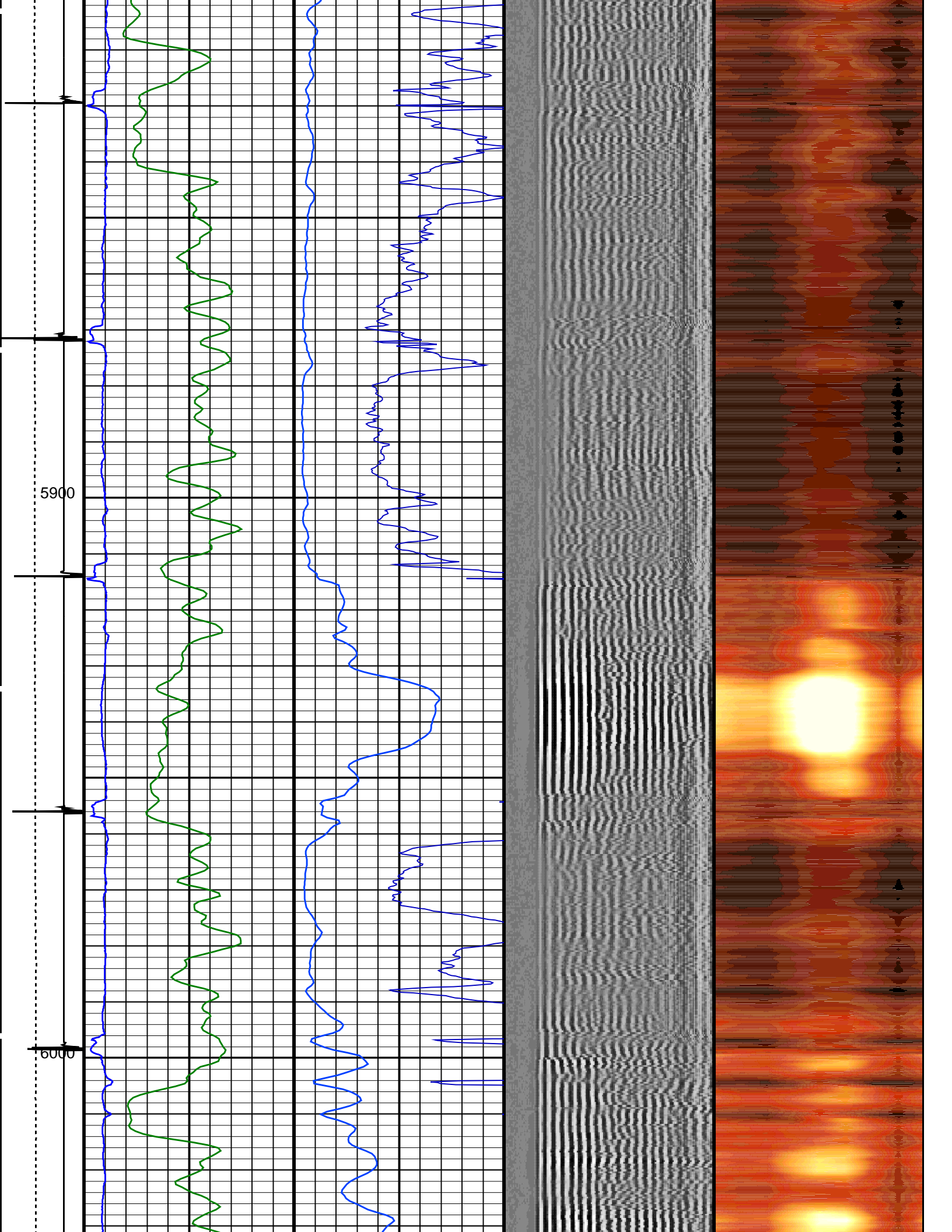


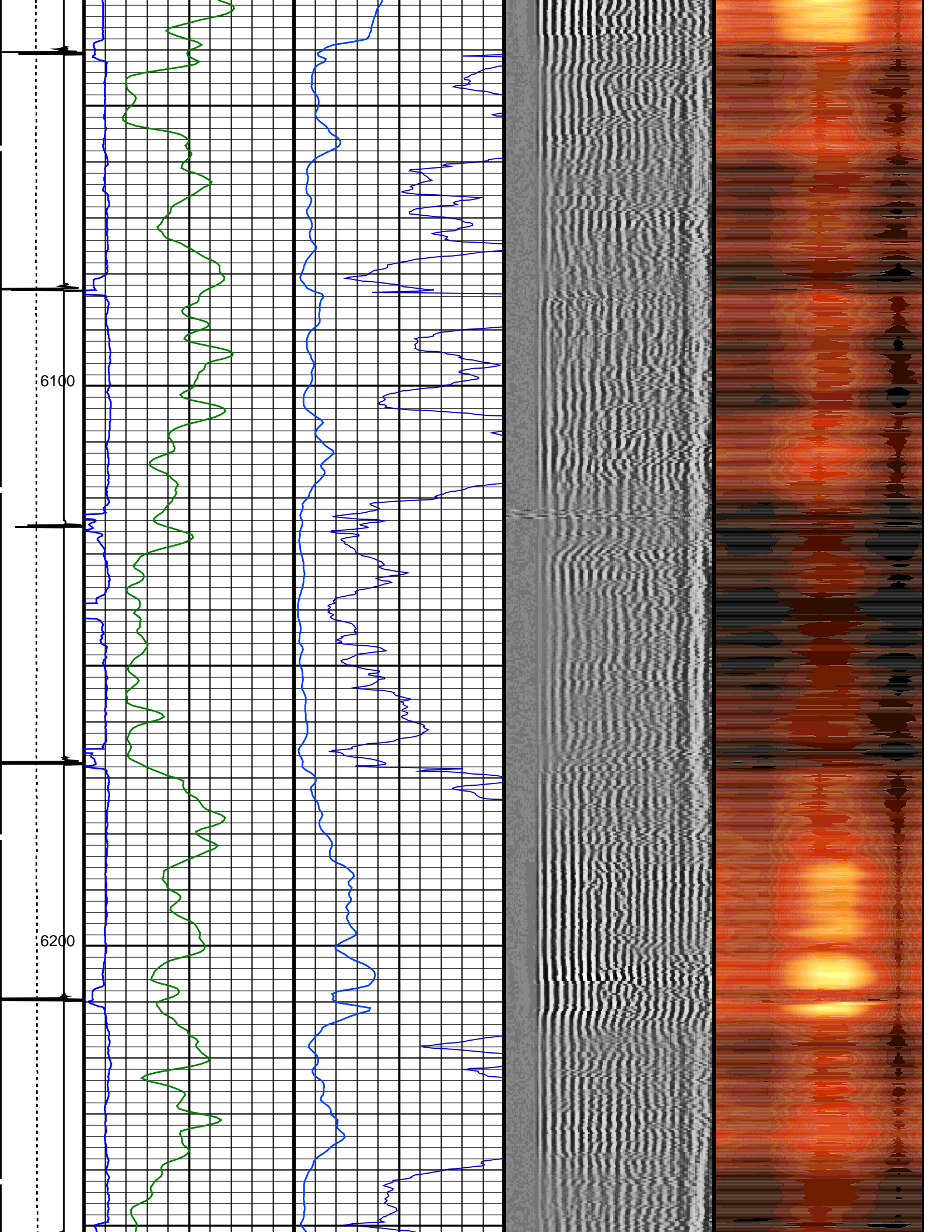


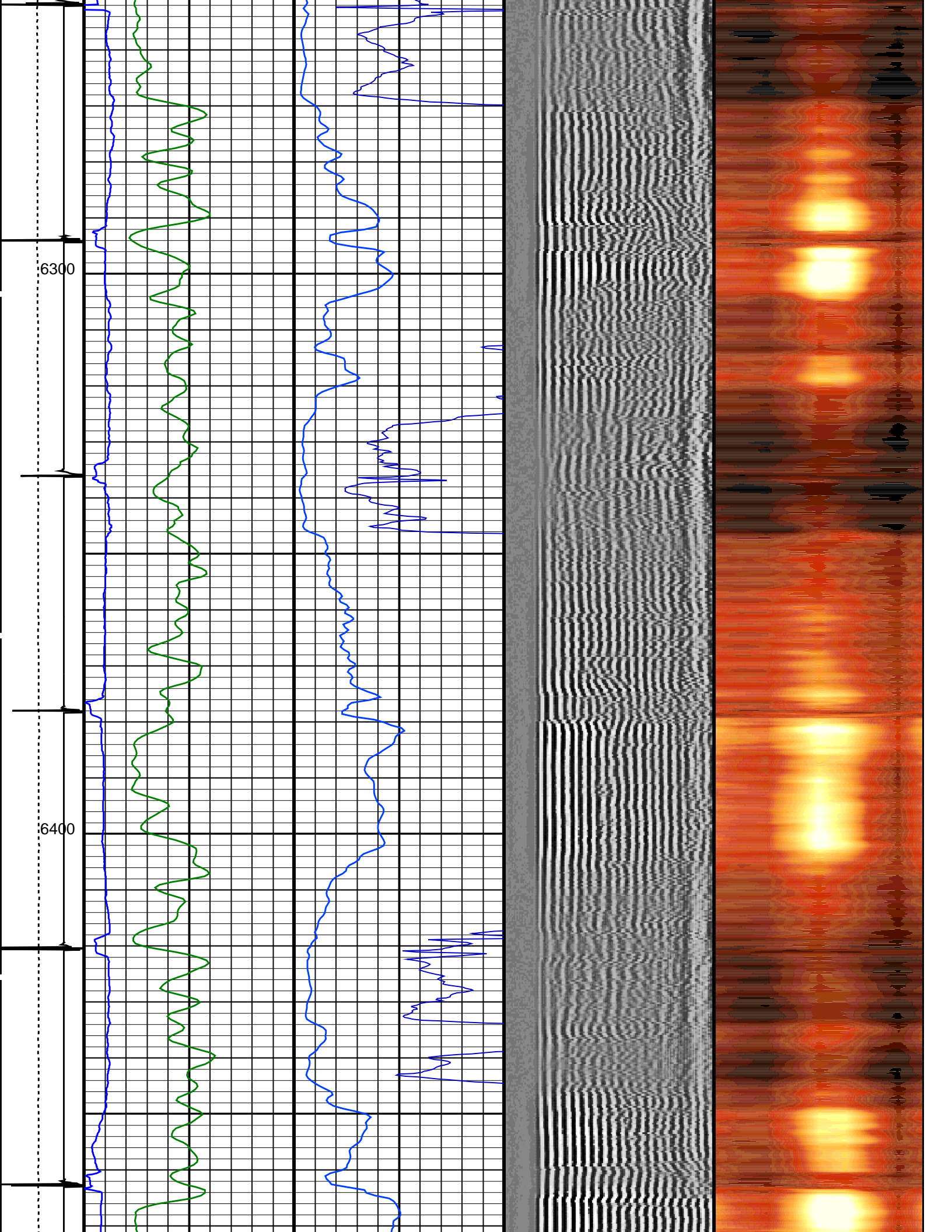


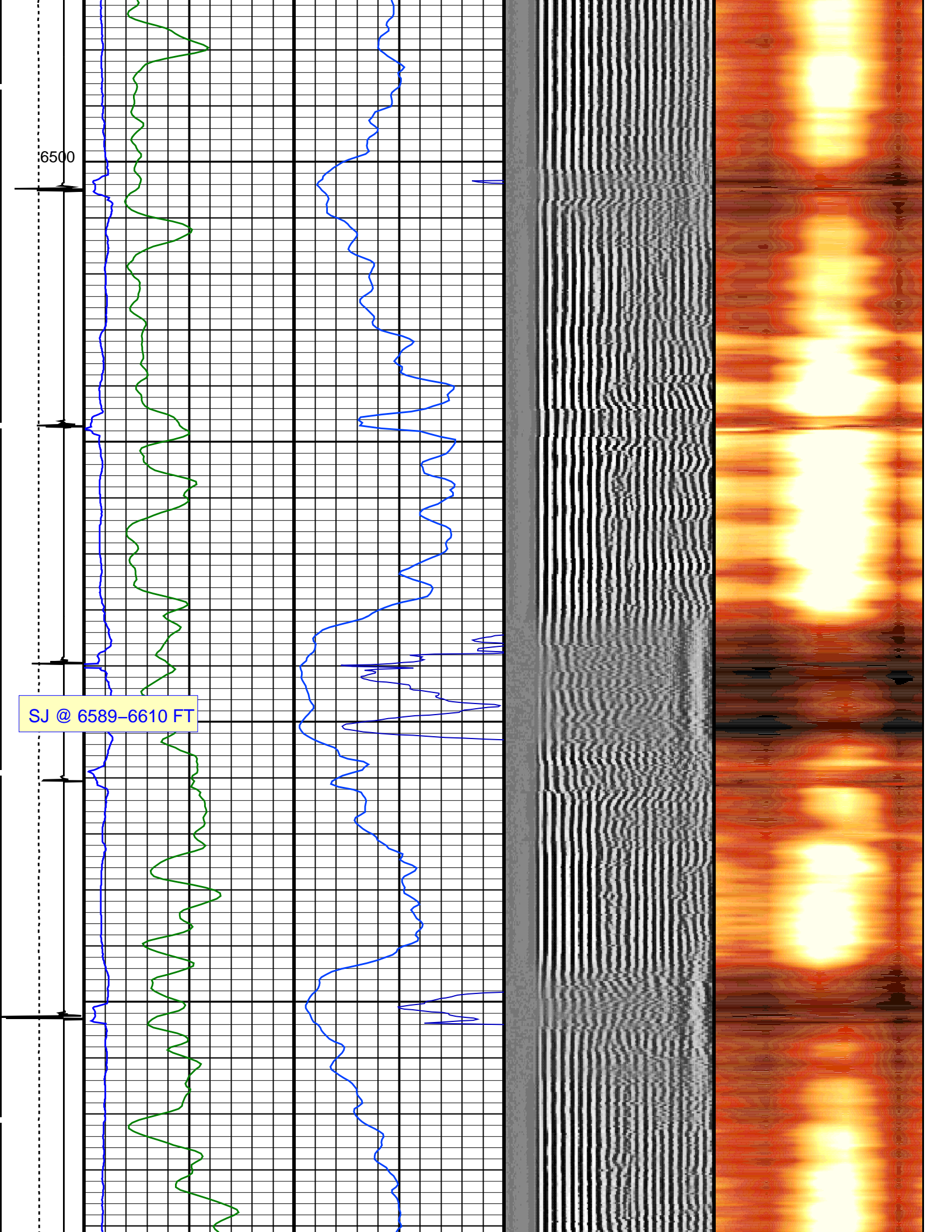


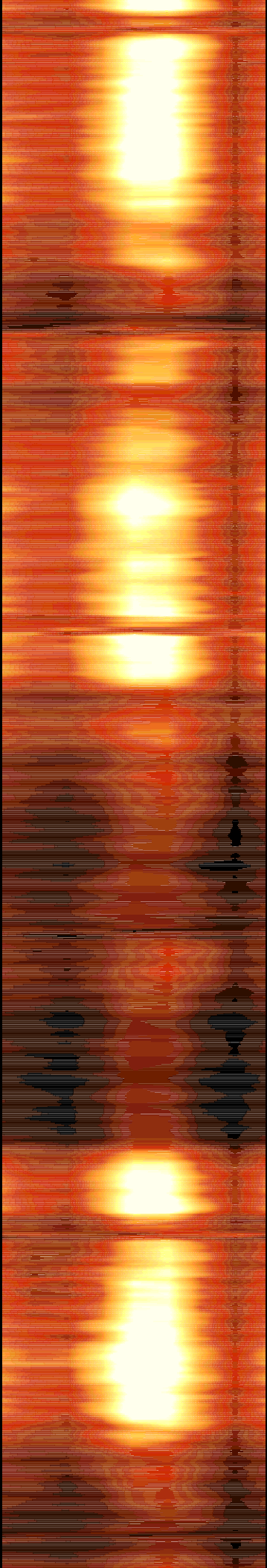
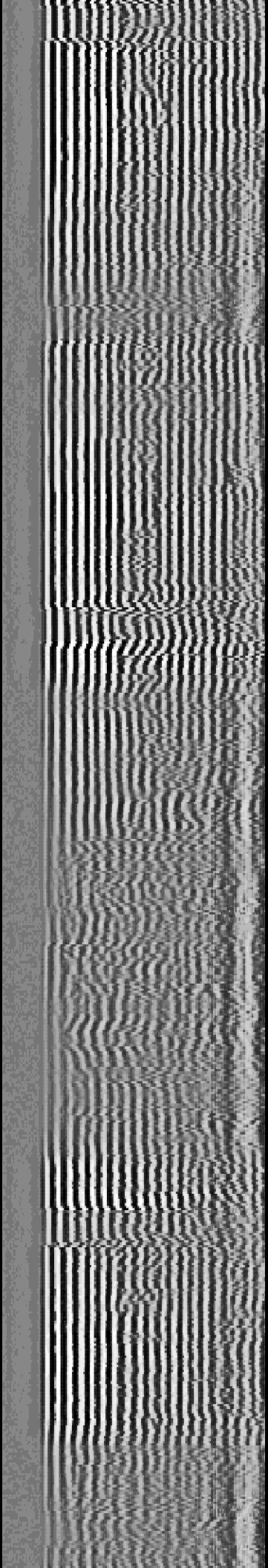
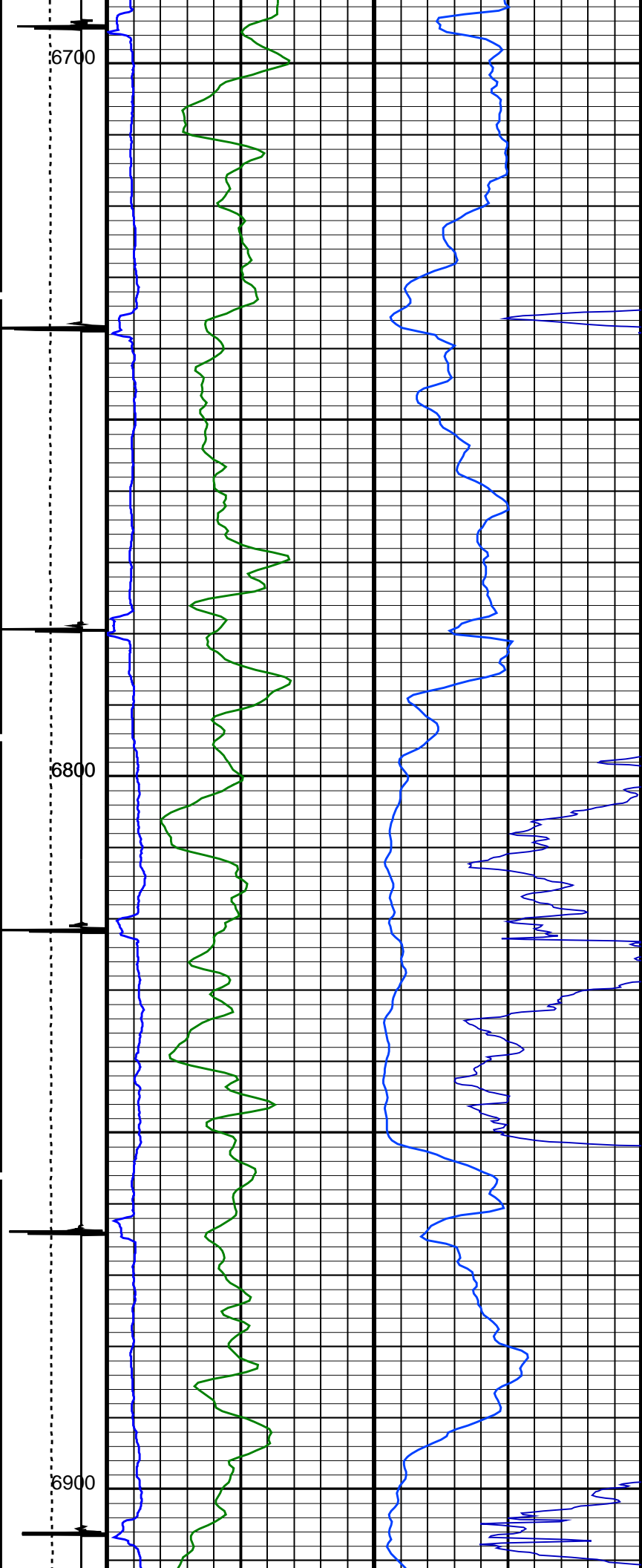


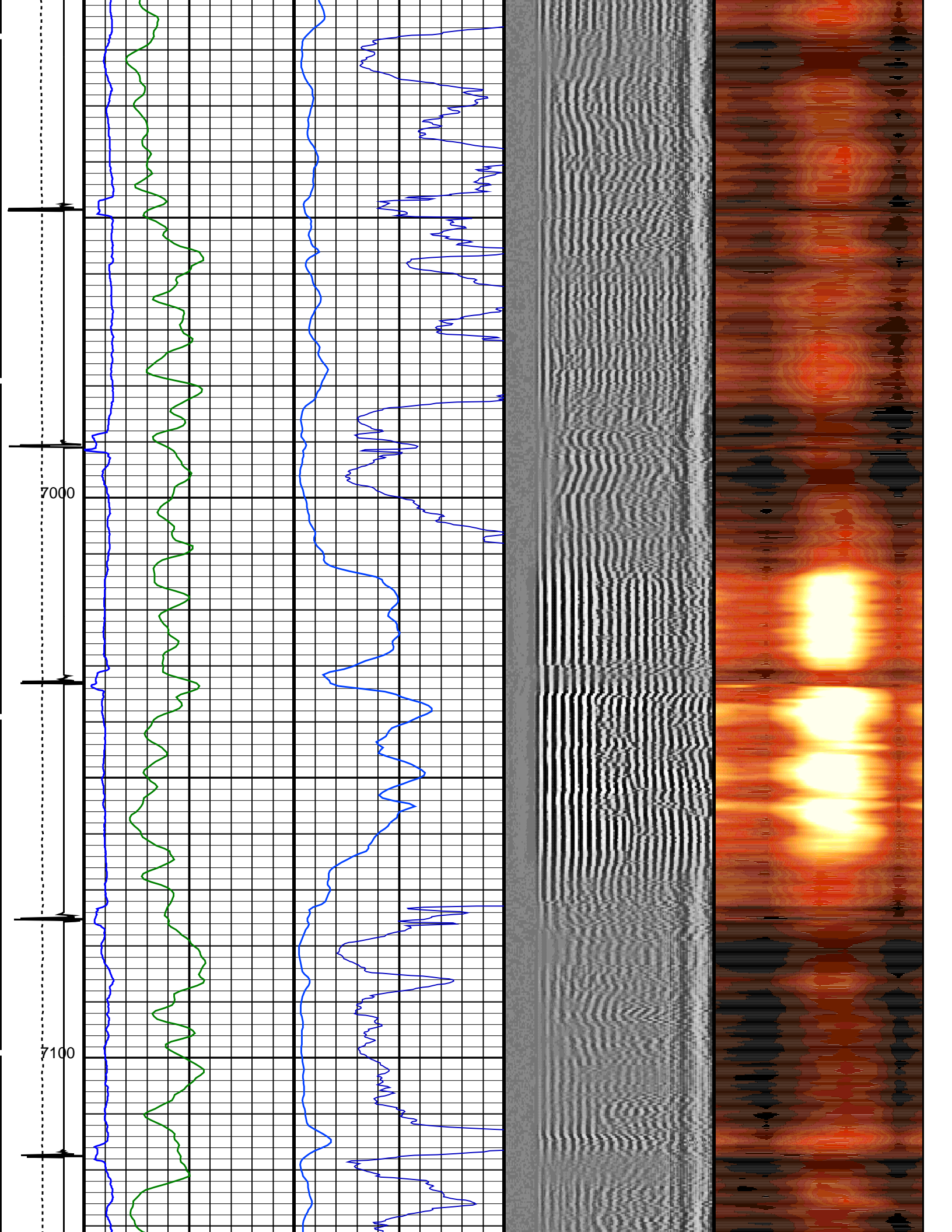


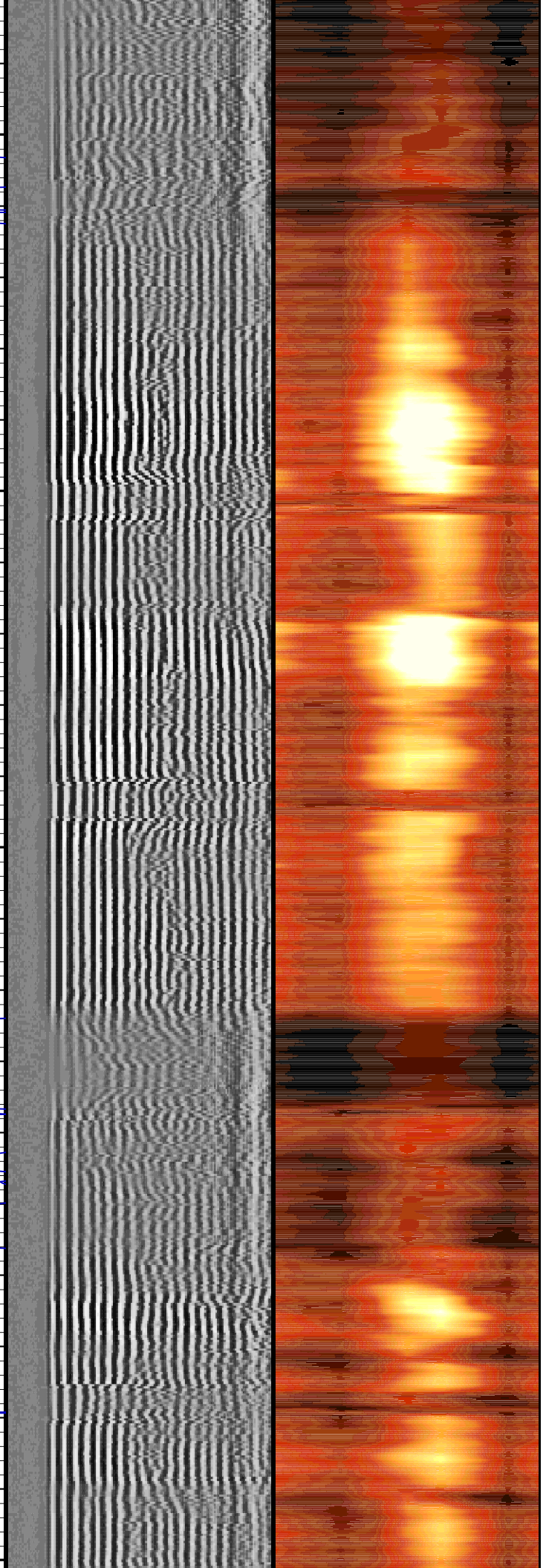
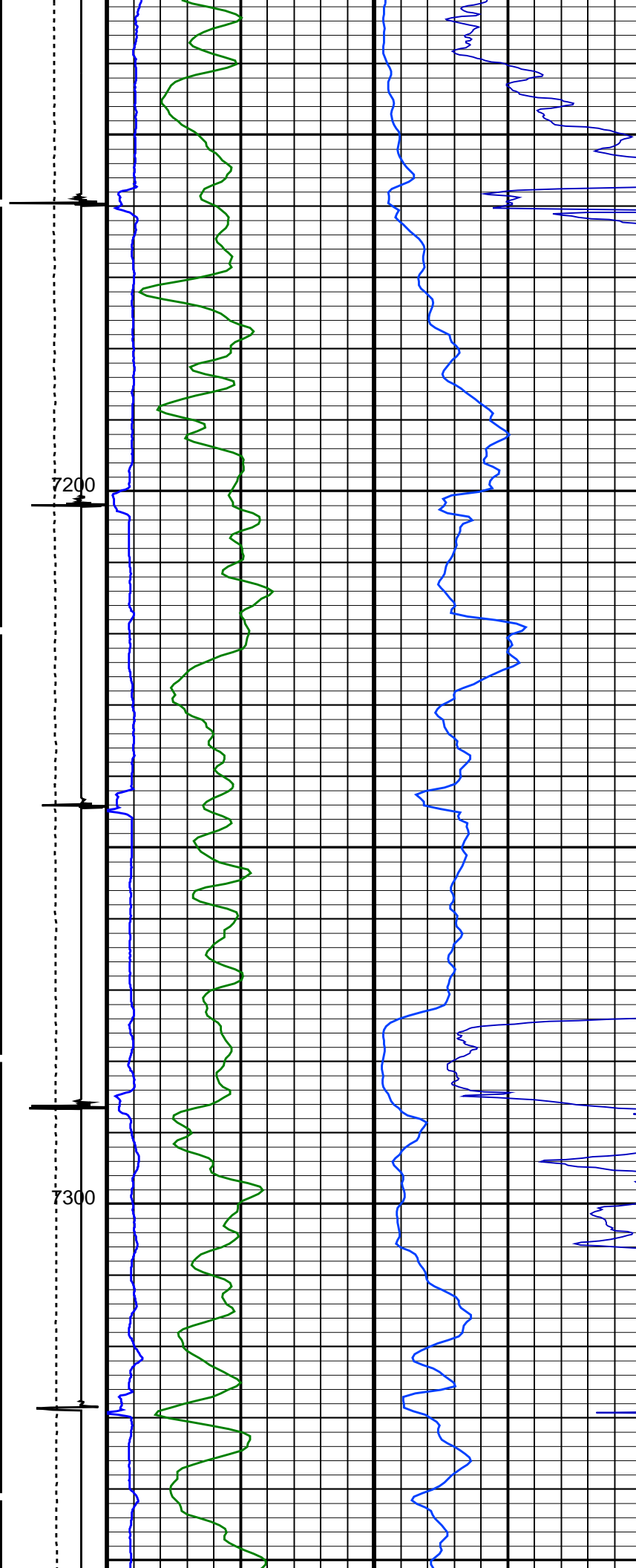


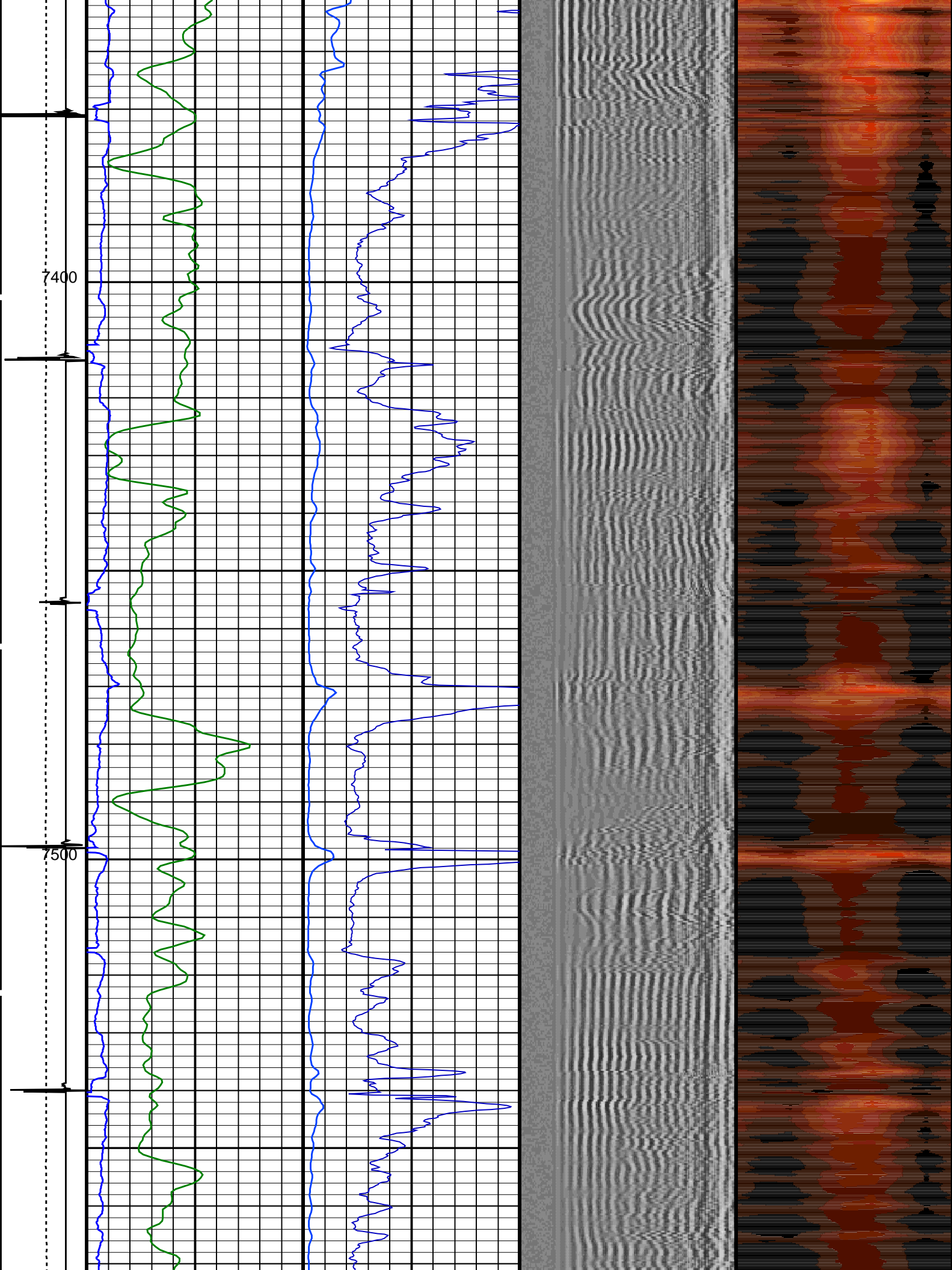


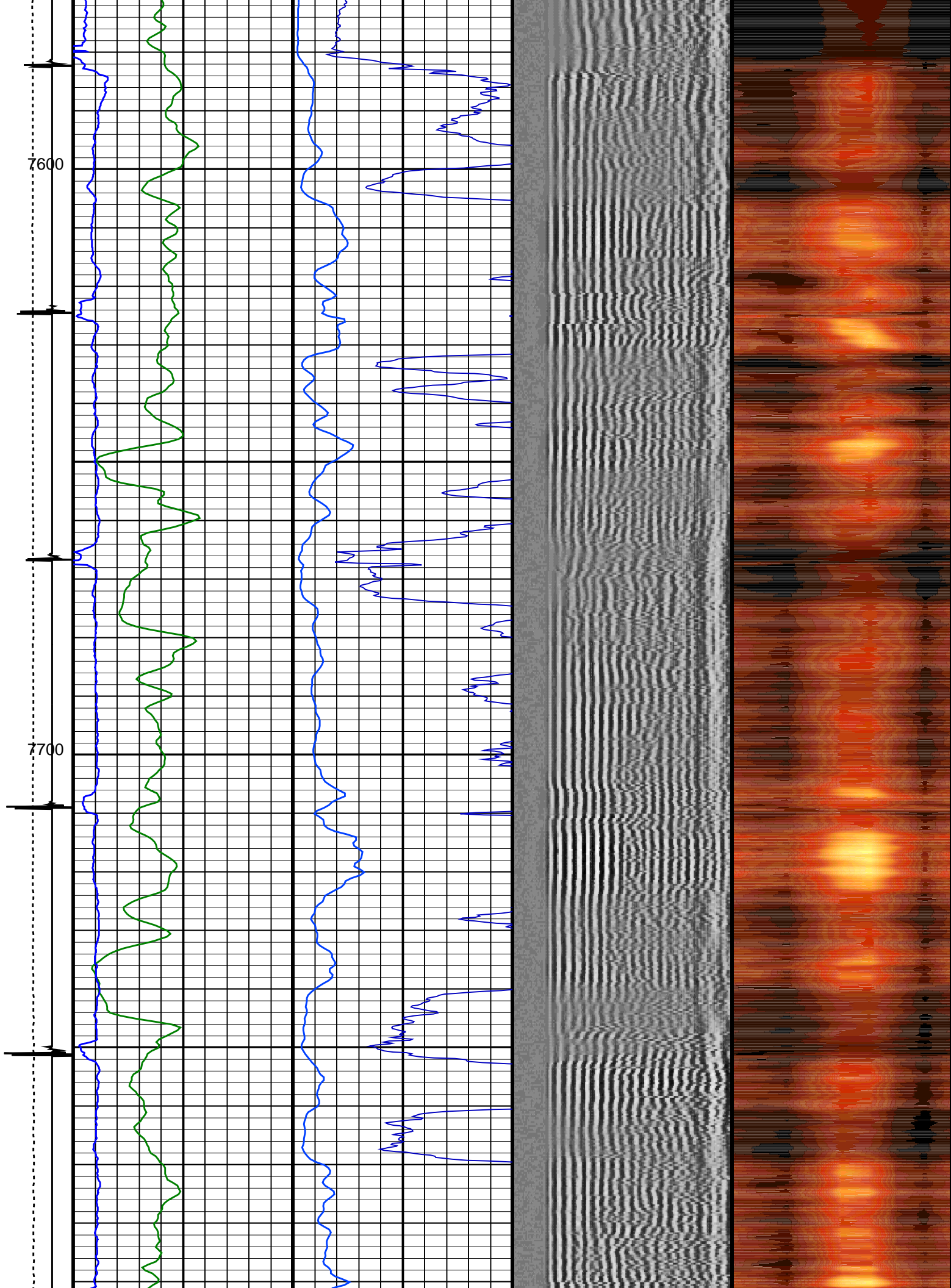


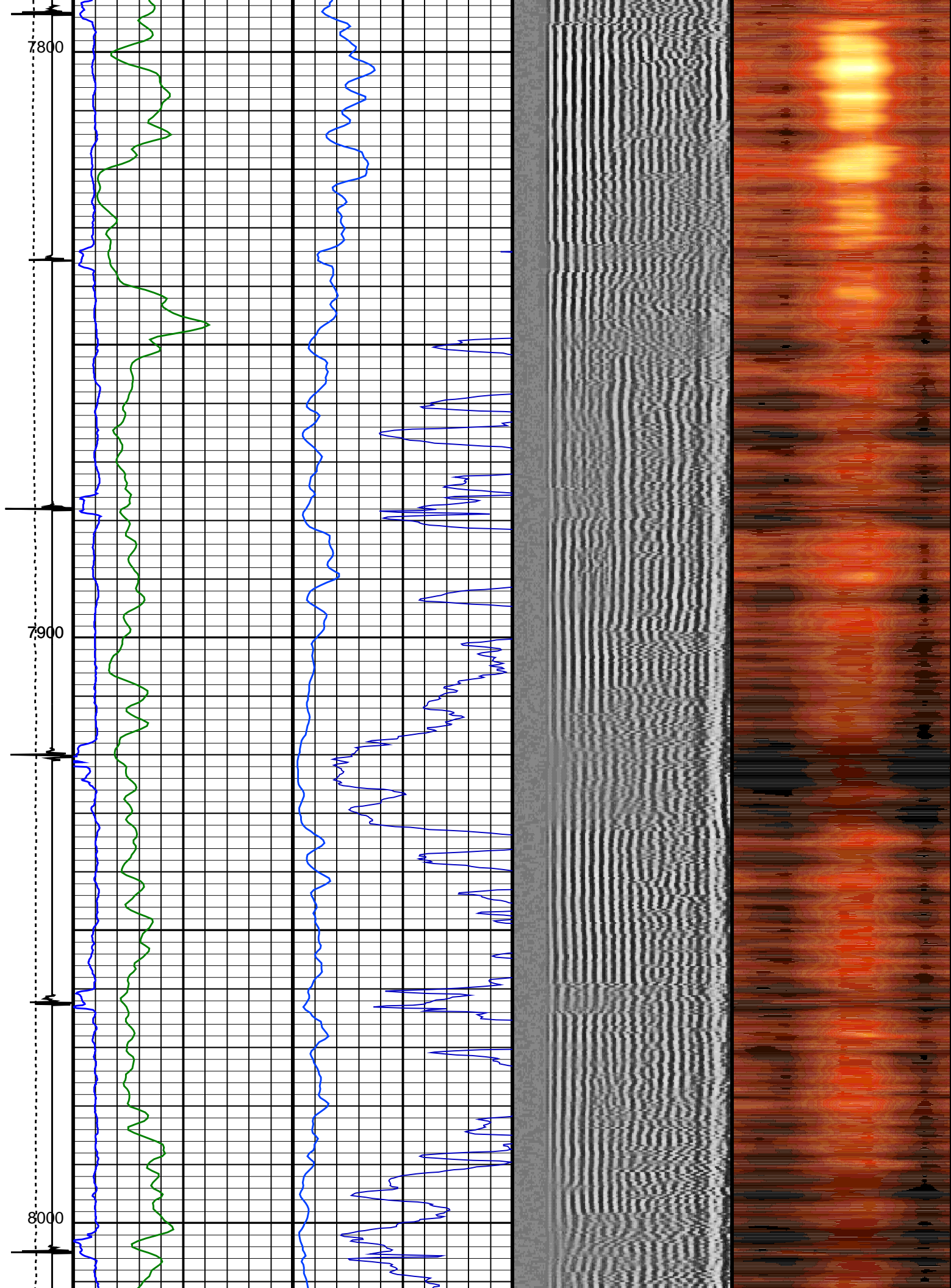


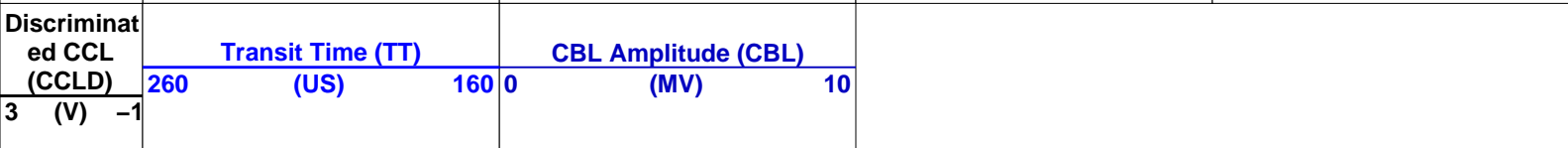
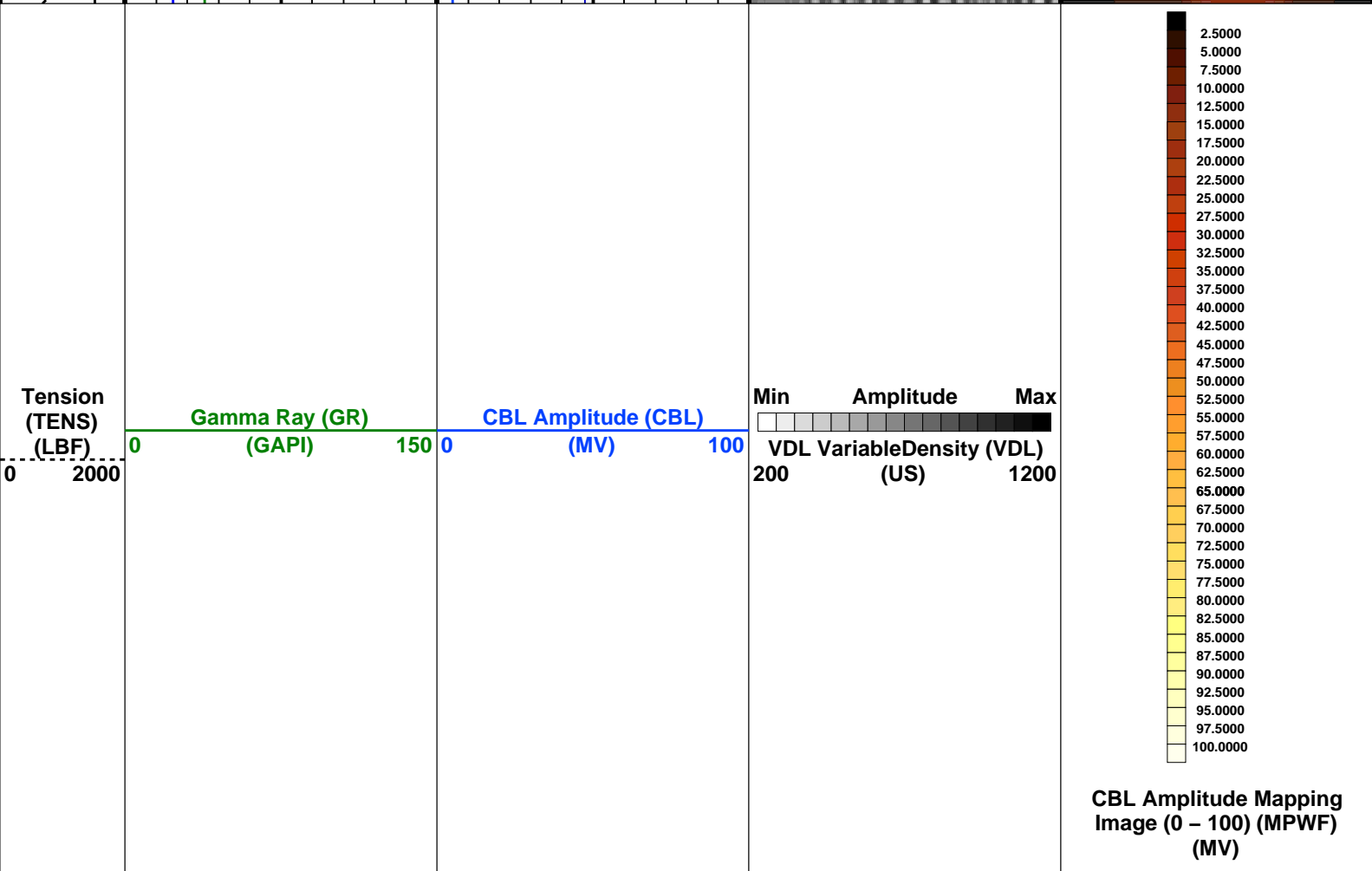
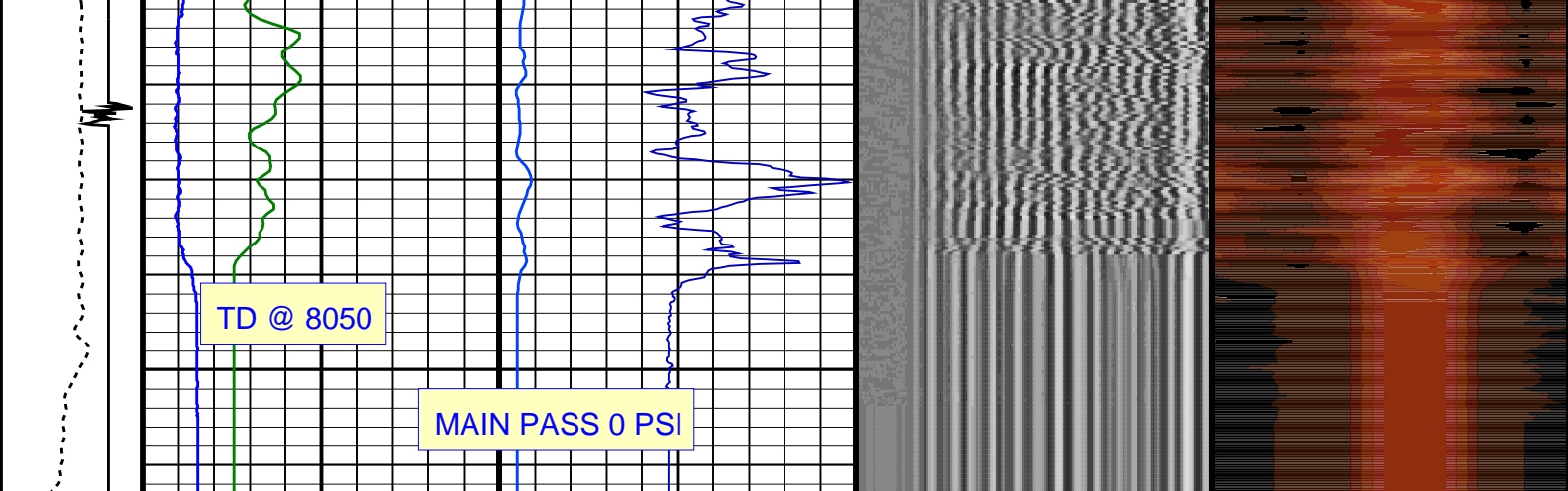












PIP SUMMARY

Time Mark Every 60 S

Format: Scmt_VDL_Image Vertical Scale: 5" per 100' Graphics File Created: 09-May-2007 18:20

OP System Version: 14C0-302

MCM

SCMT-CB	14C0-302	HBMS-B	14C0-302
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<<<SCMT Cement Evaluation Information Summary>>>

Sonde Serial Number	SCMS-CB 8186
Current Casing Size	4.50000 IN
Casing Weight	11.6000 LB/F

Casing Weight	11.0000 LB/ft	Expected CBL Amplitude in Free Pipe Section	80 MV	Minimum Sonic Amplitude	0.579149 MV (100% Cement)
					1.55185 MV (80% Cement)
				MAP Minimum Sonic Amplitude	4.32284 MV (100% Cement)
					8.10244 MV (80% Cement)
Master Calibration (Normalization)			Before Calibration (Adjustment)		
Date of Master Calibration	6-NOV-2004				
CBL Correction Factor	0.0667212	CBL Adjustment Factor (CBAF)	1.0		
MAP 1 Correction Factor	0.104004	MAP Adjustment Factor (MPAF)	1.0		
MAP 2 Correction Factor	0.0940937				
MAP 3 Correction Factor	0.0882786				
MAP 4 Correction Factor	0.0857882				
MAP 5 Correction Factor	0.105997				
MAP 6 Correction Factor	0.0977558				
MAP 7 Correction Factor	0.0987534				
MAP 8 Correction Factor	0.0927088				

Parameters					
DLIS Name	Description	Value			
SCMT-CB: Slim Cement Mapping Tool, 1-11/16 OD					
BILI	Bond Index Level for Zone Isolation	0.8			
CB3D	SCMT CBL 3 ft Peak Detection Mode	PEAK			
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	224.559	US		
CB3T	SCMT CBL 3 ft Fixed Threshold Level	20	MV		
CB5D	SCMT CBL 5 ft Peak Detection Mode	PEAK			
CB5G	SCMT CBL 5 ft Peak Detection T0_Delay and Noise Gate	338.559	US		
CB5T	SCMT CBL 5 ft Fixed Threshold Level	20	MV		
CBLG	CBL Gate Width	40	US		
CBRA	CBL LQC Reference Amplitude in Free Pipe	80	MV		
CMCF	CBL Cement Type Compensation Factor	1			
CMTC	SCMT Slow Channel Multiplexer Mode	SCAN			
CMTM	SCMT Operating Mode	LOG			
CSCS	SCMT Slow Channel Index	VCC			
CTHI	Casing Thickness	0.255617	IN		
DTF	Delta-T Fluid	189	US/F		
FATT	Acoustic Attenuation due to Fluid	0	DB/F		
FCF	CBL Fluid Compensation Factor	0.930368			
GOBO	Good Bond	1.55185	MV		
MAPD	SCMT MAP Peak Detection Mode	PEAK			
MAPG	SCMT MAP Peak Detection T0_Delay and Noise Gate	167.559	US		
MAPT	SCMT MAP Fixed Threshold Level	30	MV		
MATT	Maximum Attenuation	16.5449	DB/F		
MCCF	MAP Cement Type Compensation Factor	1			
MCI	Minimum Cemented Interval for Isolation	1.25	FT		
MMSA	MAP Minimum Sonic Amplitude	4.32284	MV		
MSA	Minimum Sonic Amplitude	0.579149	MV		
PEDE	Peak Detection On/Off Switch in Playback	OFF			
RBC	Relative Bearing Correction Allow/Disallow	DISALLOW			
VDLG	VDL Manual Gain	5			
ZCMT	Acoustic Impedance of Cement	6.8	MRAY		
System and Miscellaneous					
CSIZ	Current Casing Size	4.500	IN		
CWEI	Casing Weight	11.60	LB/F		
DFD	Drilling Fluid Density	8.35	LB/G		
DO	Depth Offset for Playback	2.0	FT		
PP	Playback Processing	NORMAL			
TD	Total Depth	8050	FT		

Input DLIS Files						
DEFAULT	SCMT_HBMS_007LUP	FN:6	PRODUCER	09-May-2007 15:49	8061.0 FT	175.5 FT
Output DLIS Files						
DEFAULT	SCMT_HBMS_010PUP	FN:9	PRODUCER	09-May-2007 18:20		

MAXIS Field Log

Company: ENCANA OIL AND GAS (USA) INC.

Well: COUEY FEDERAL 24-3 (F24W)

Input DLIS Files

DEFAULT

SCMT_HBMS_006LUP

FN:5

PRODUCER

09-May-2007 15:41

8056.5 FT

7741.6 FT

Output DLIS Files

DEFAULT

SCMT_HBMS_008PUP

FN:7

PRODUCER

09-May-2007 18:13

8058.5 FT

7745.5 FT

OP System Version: 14C0-302

MCM

SCMT-CB

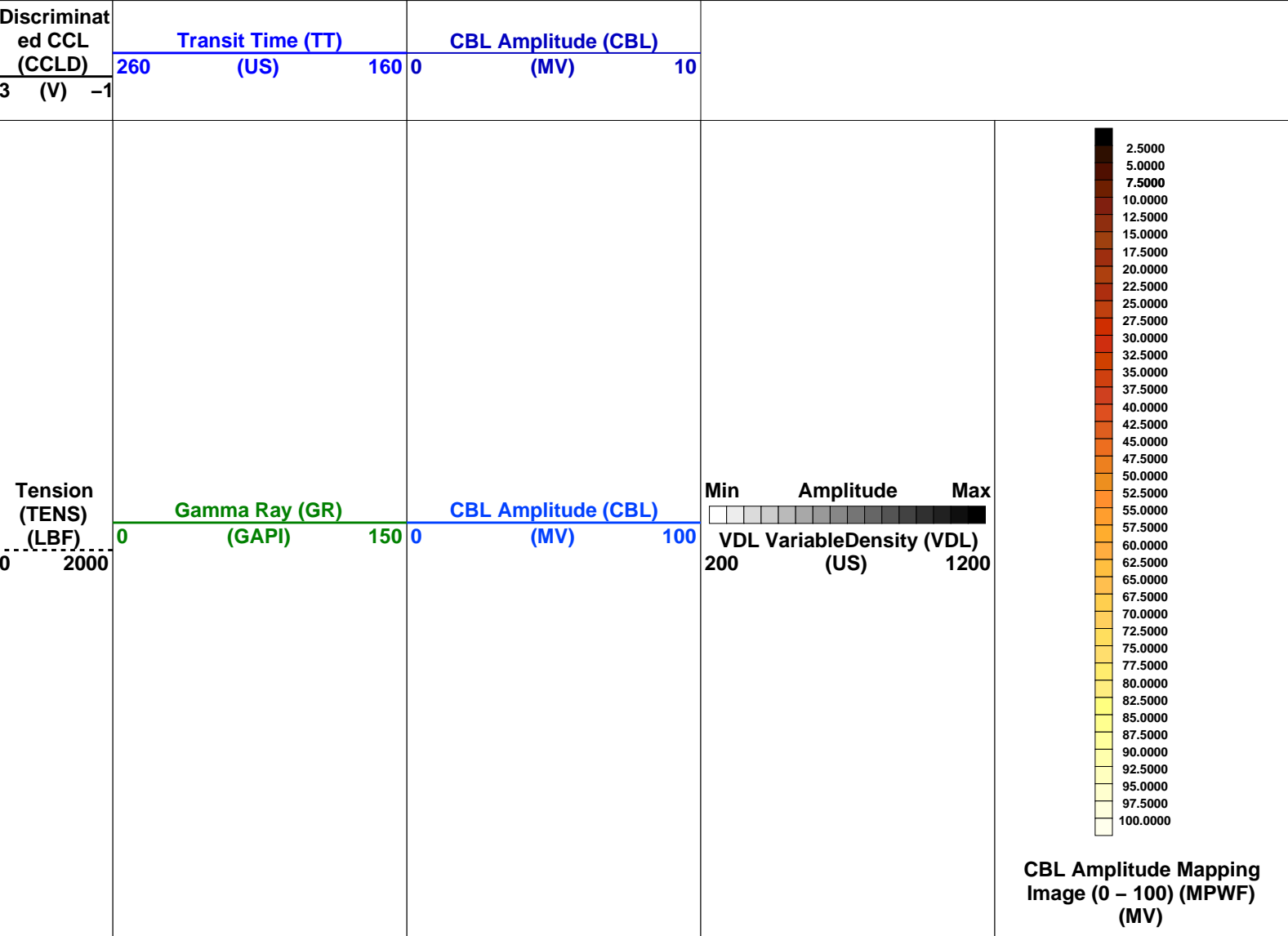
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HBMS-B

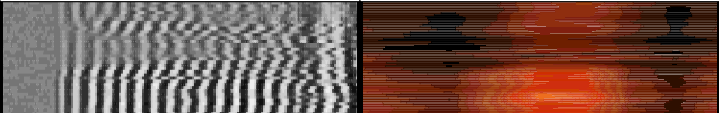
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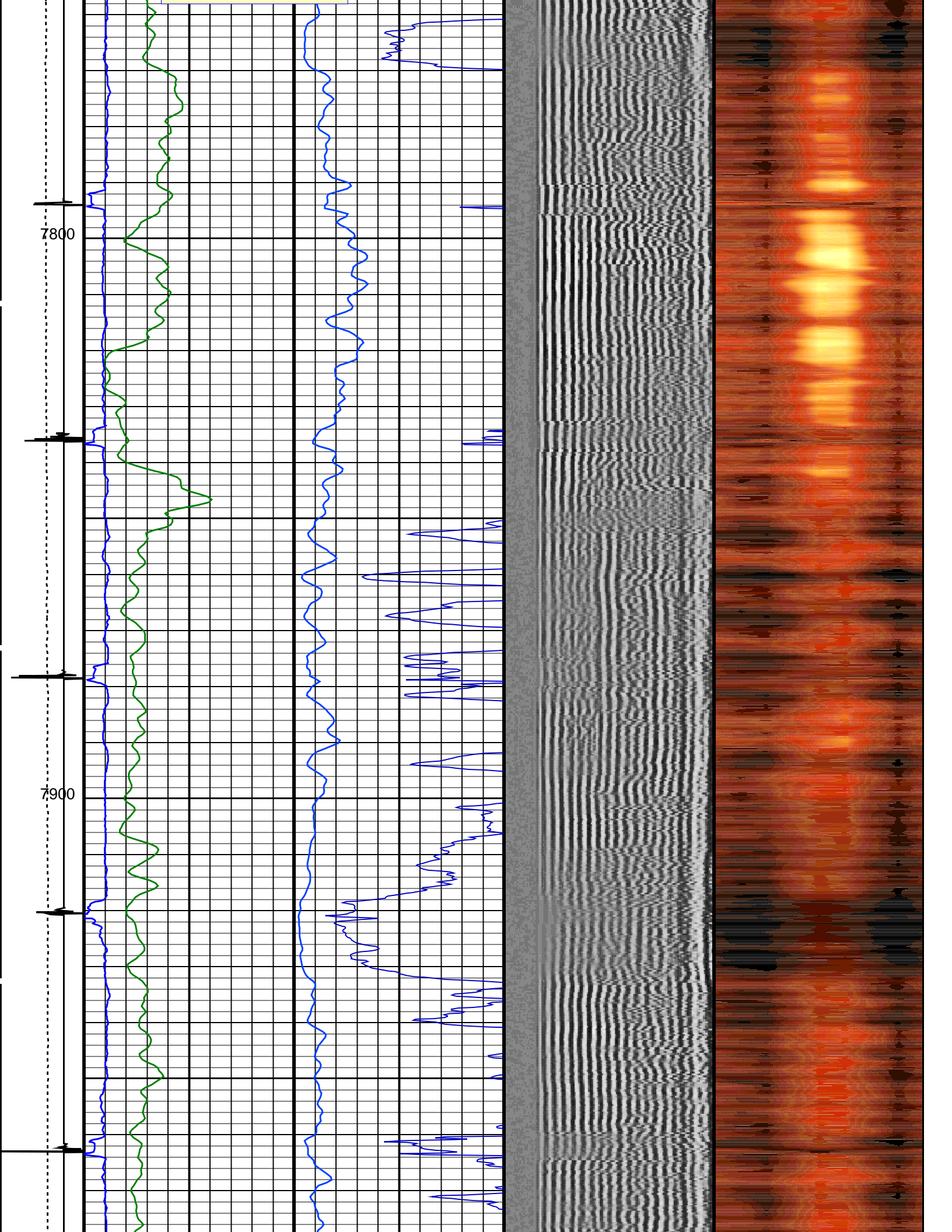
PIP SUMMARY

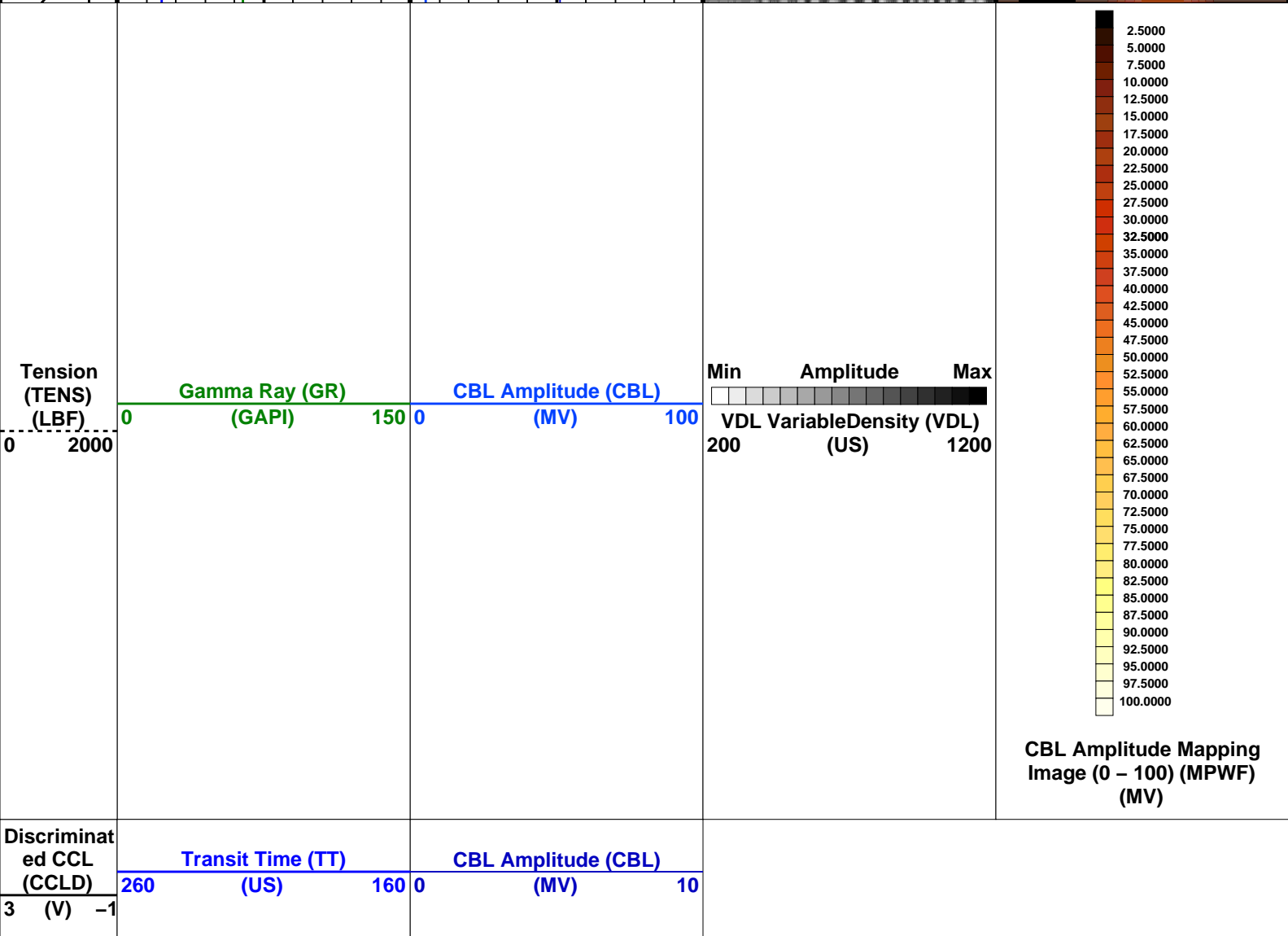
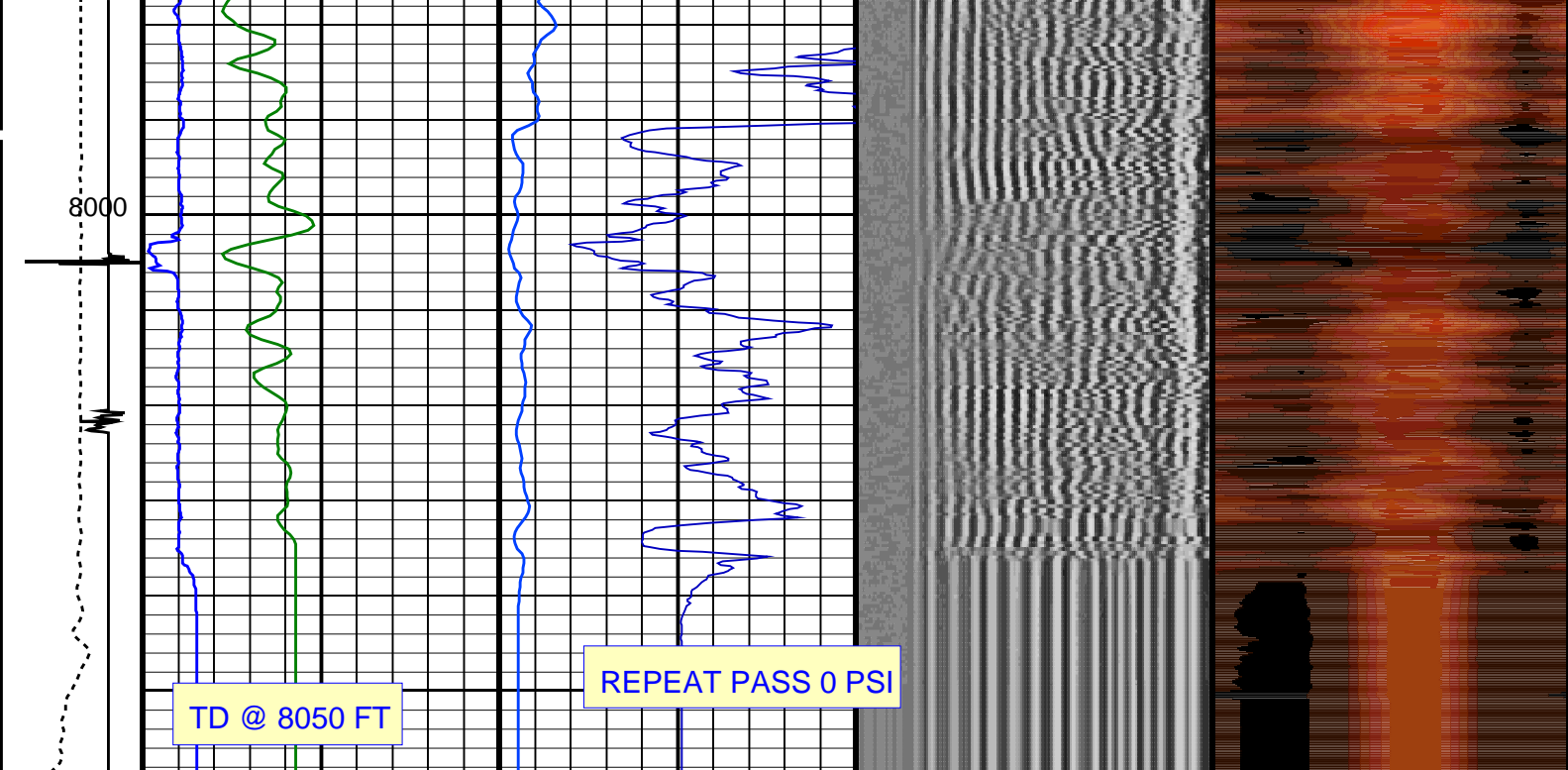
 Time Mark Every 60 S



REPEAT PASS 0 PSI







PIP SUMMARY

Time Mark Every 60 S

Format: Scmt_VDL_Image Vertical Scale: 5" per 100'

Graphics File Created: 09-May-2007 18:13

OP System Version: 14C0-302

<<<SCMT Cement Evaluation Information Summary>>>

Sonde Serial Number	SCMS-CB 8186		
Current Casing Size	4.50000 IN		
Casing Weight	11.6000 LB/F		
Expected CBL Amplitude in Free Pipe Section	80 MV	Minimum Sonic Amplitude	0.579149 MV (100% Cement)
			1.55185 MV (80% Cement)
		MAP Minimum Sonic Amplitude	4.32284 MV (100% Cement)
			8.10244 MV (80% Cement)
Master Calibration (Normalization)	Before Calibration (Adjustment)		
Date of Master Calibration	6-NOV-2004		
CBL Correction Factor	0.0667212	CBL Adjustment Factor (CBAF)	1.0
MAP 1 Correction Factor	0.104004	MAP Adjustment Factor (MPAF)	1.0
MAP 2 Correction Factor	0.0940937		
MAP 3 Correction Factor	0.0882786		
MAP 4 Correction Factor	0.0857882		
MAP 5 Correction Factor	0.105997		
MAP 6 Correction Factor	0.0977558		
MAP 7 Correction Factor	0.0987534		
MAP 8 Correction Factor	0.0927088		

Parameters

DLIS Name	Description	Value	
SCMT-CB: Slim Cement Mapping Tool, 1-11/16 OD			
BILI	Bond Index Level for Zone Isolation	0.8	
CB3D	SCMT CBL 3 ft Peak Detection Mode	PEAK	
CB3G	SCMT CBL 3 ft Peak Detection T0_Delay and Noise Gate	224.559	US
CB3T	SCMT CBL 3 ft Fixed Threshold Level	20	MV
CB5D	SCMT CBL 5 ft Peak Detection Mode	PEAK	
CB5G	SCMT CBL 5 ft Peak Detection T0_Delay and Noise Gate	338.559	US
CB5T	SCMT CBL 5 ft Fixed Threshold Level	20	MV
CBLG	CBL Gate Width	40	US
CBRA	CBL LQC Reference Amplitude in Free Pipe	80	MV
CMCF	CBL Cement Type Compensation Factor	1	
CMTC	SCMT Slow Channel Multiplexer Mode	SCAN	
CMTM	SCMT Operating Mode	LOG	
CSCS	SCMT Slow Channel Index	VCC	
CTHI	Casing Thickness	0.255617	IN
DTF	Delta-T Fluid	189	US/F
FATT	Acoustic Attenuation due to Fluid	0	DB/F
FCF	CBL Fluid Compensation Factor	0.930368	
GOBO	Good Bond	1.55185	MV
MAPD	SCMT MAP Peak Detection Mode	PEAK	
MAPG	SCMT MAP Peak Detection T0_Delay and Noise Gate	167.559	US
MAPT	SCMT MAP Fixed Threshold Level	30	MV
MATT	Maximum Attenuation	16.5449	DB/F
MCCF	MAP Cement Type Compensation Factor	1	
MCI	Minimum Cemented Interval for Isolation	1.25	FT
MMSA	MAP Minimum Sonic Amplitude	4.32284	MV
MSA	Minimum Sonic Amplitude	0.579149	MV
PEDE	Peak Detection On/Off Switch in Playback	OFF	
RBC	Relative Bearing Correction Allow/Disallow	DISALLOW	
VDLG	VDL Manual Gain	5	
ZCMT	Acoustic Impedance of Cement	6.8	MRAY
System and Miscellaneous			
CSIZ	Current Casing Size	4.500	IN
CWEI	Casing Weight	11.60	LB/F
DFD	Drilling Fluid Density	8.35	LB/G
DO	Depth Offset for Playback	2.0	FT
PP	Playback Processing	NORMAL	
TD	Total Depth	8050	FT

Input DLIS Files

Output DLIS Files



TEMPERATURE LOG

MAXIS Field Log

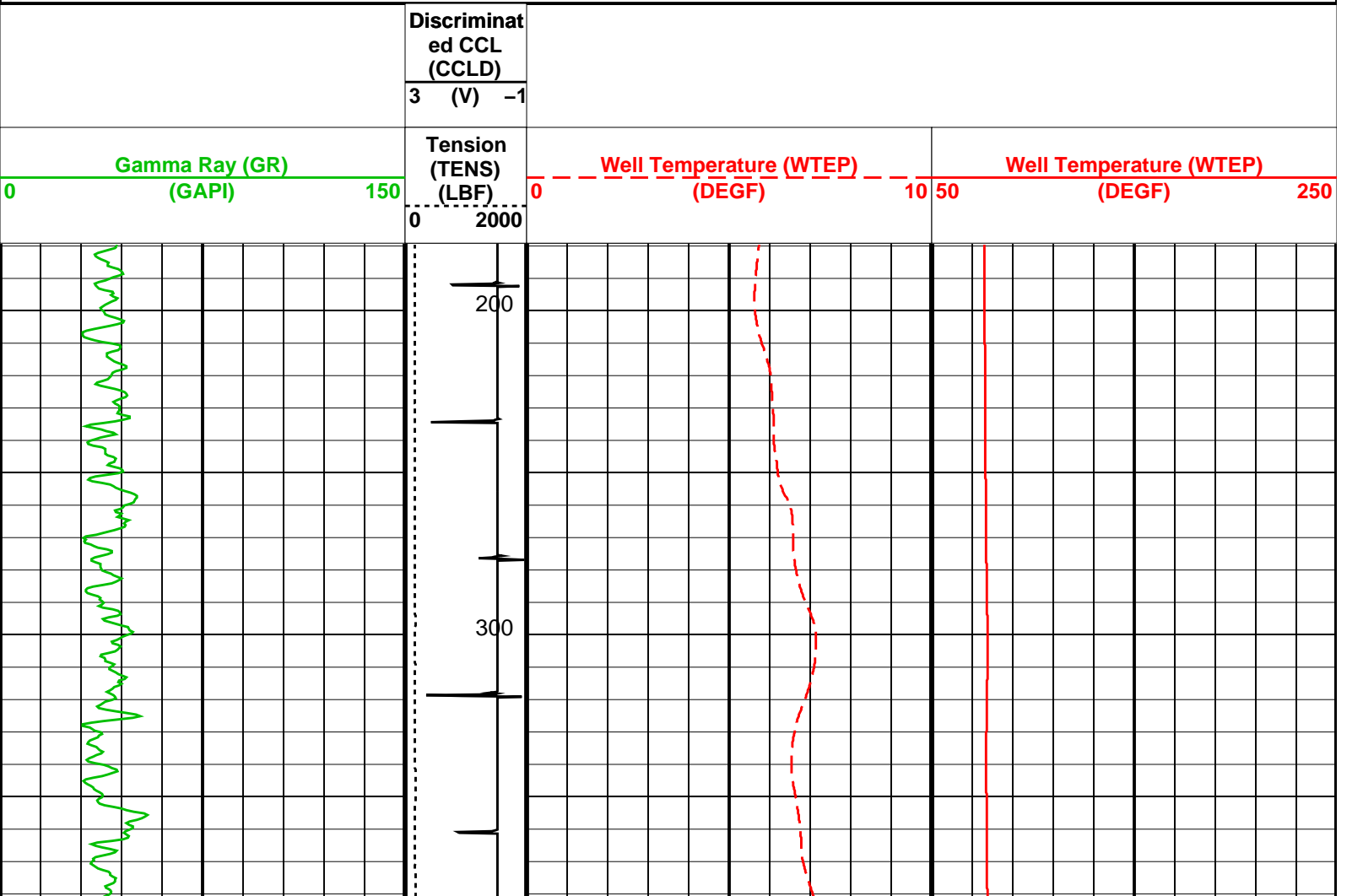
Company: ENCANA OIL AND GAS (USA) INC.

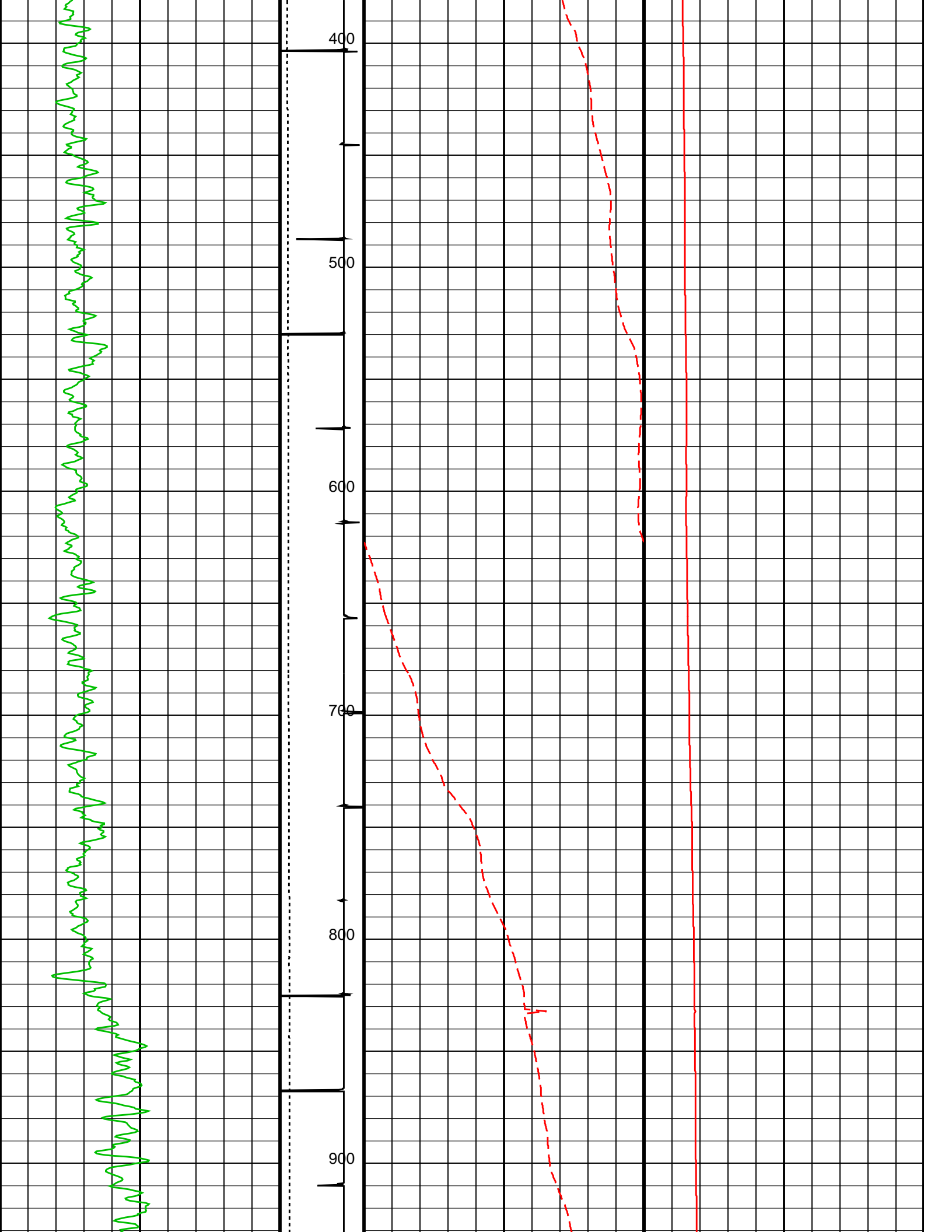
Well: COUEY FEDERAL 24-3 (F24W)

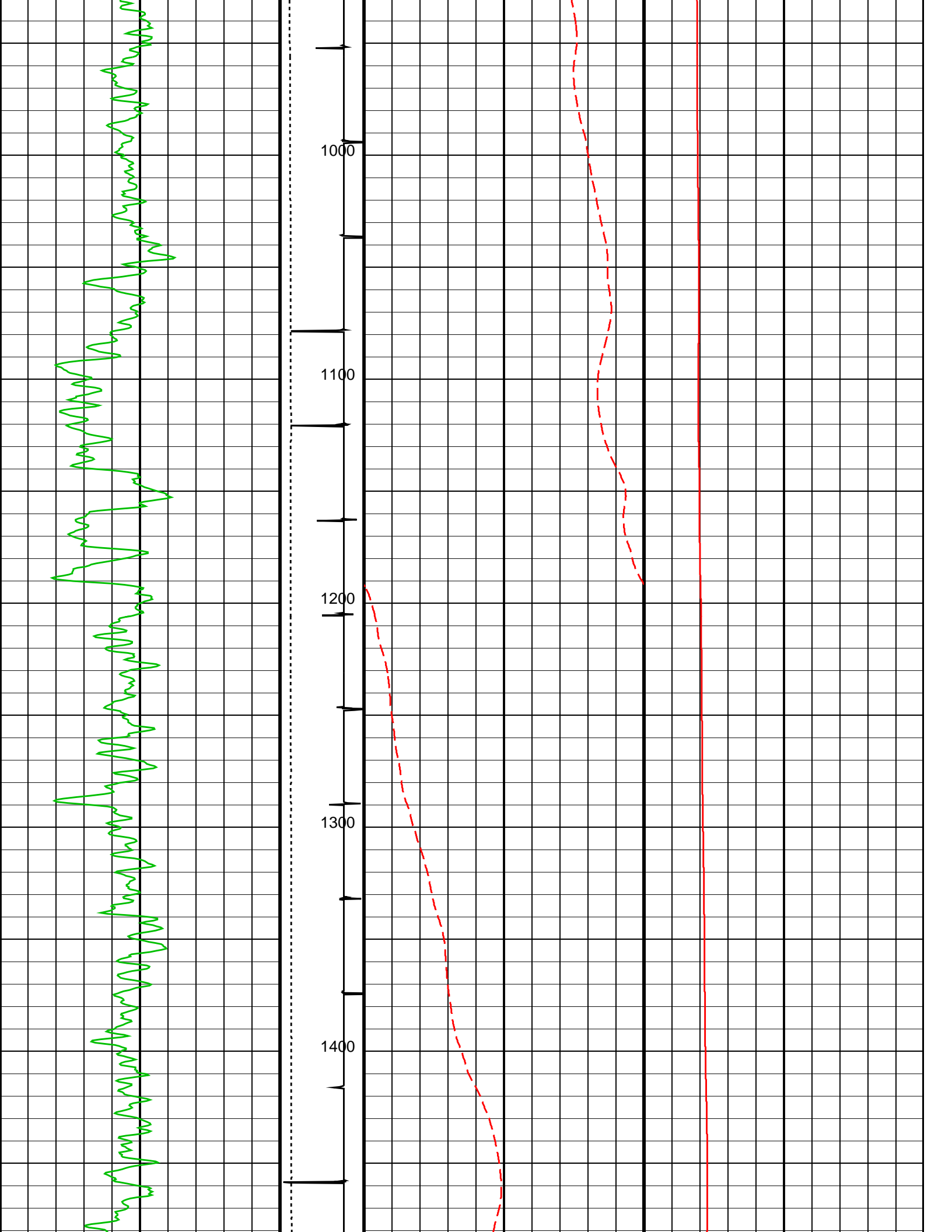
Input DLIS Files

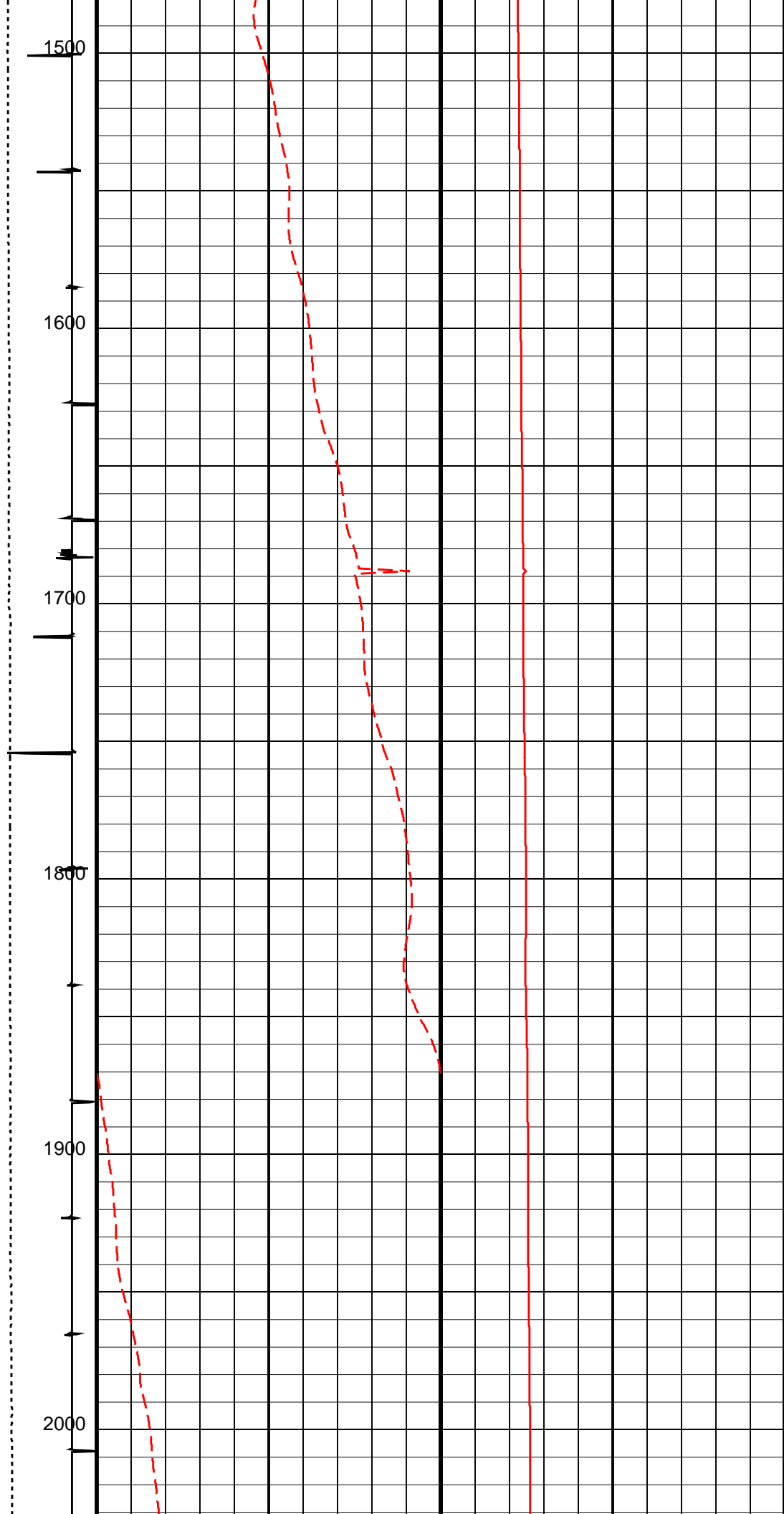
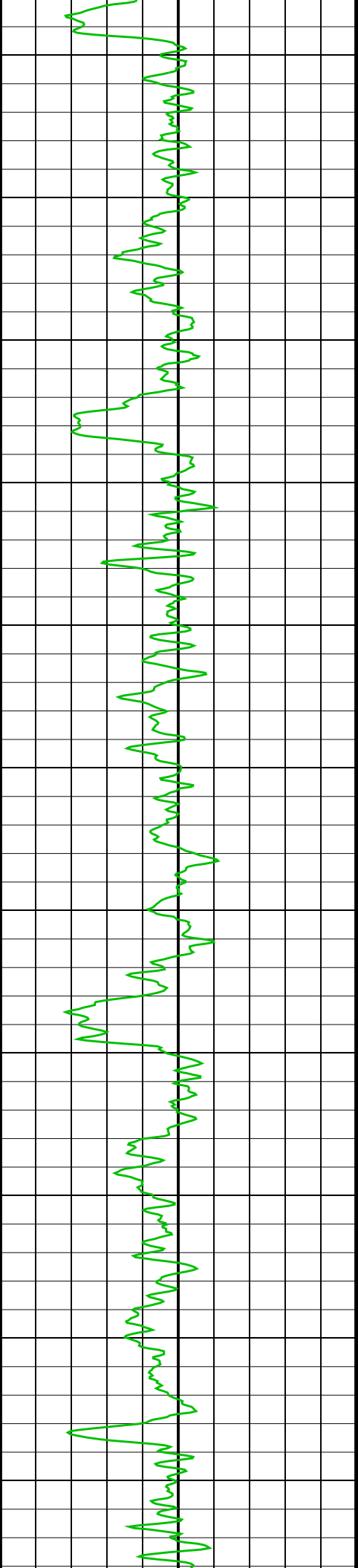
Output DLIS Files

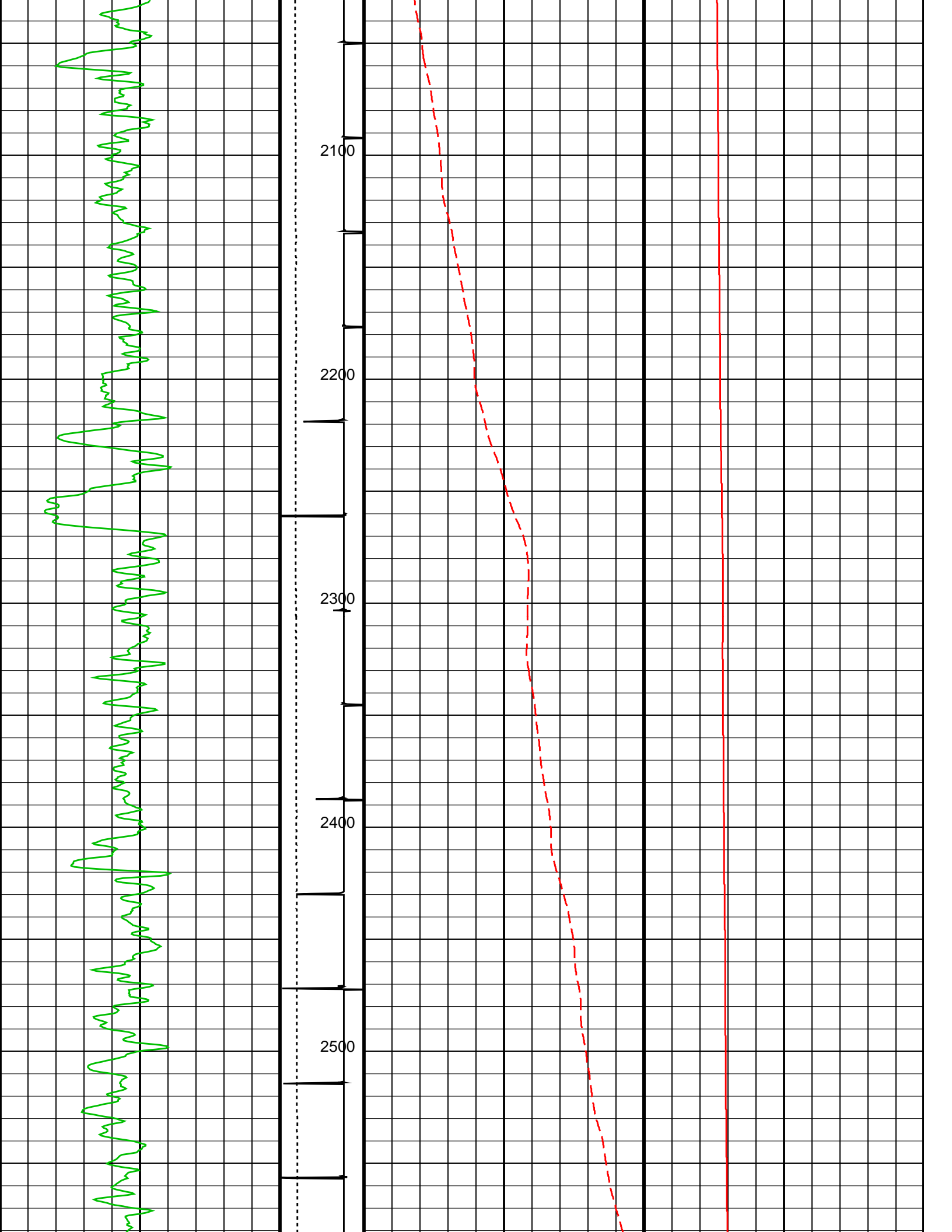
OP System Version: 14C0-302
MCM

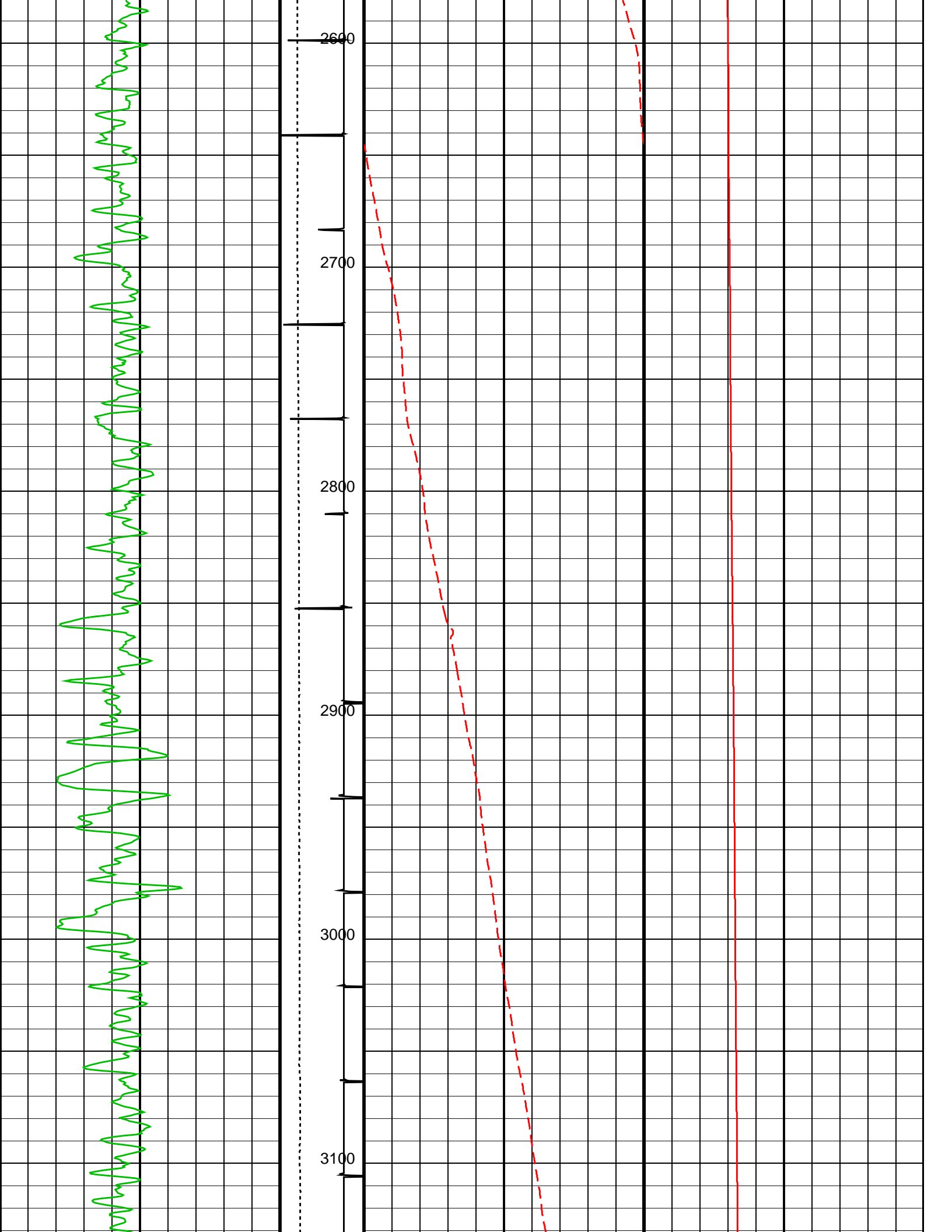


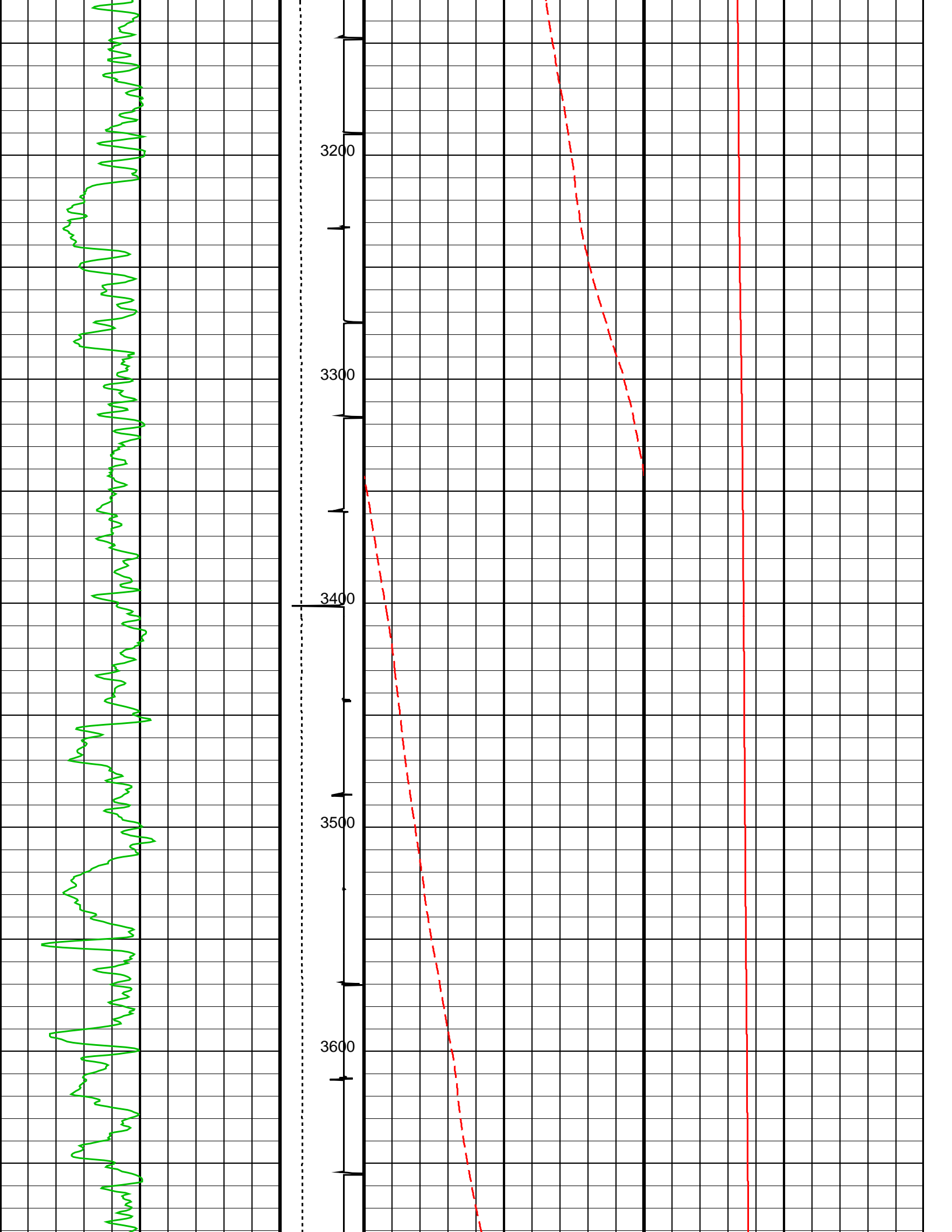


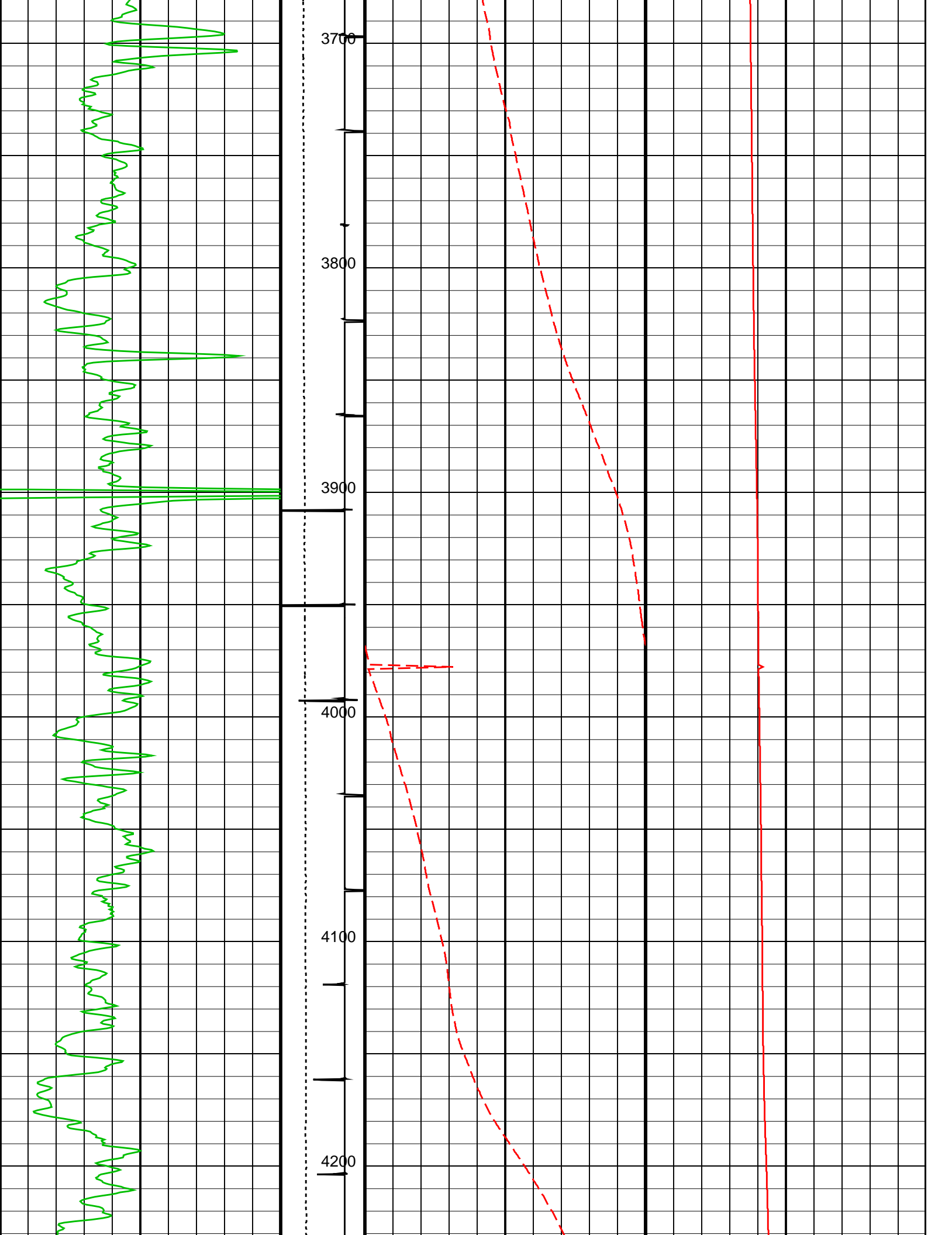


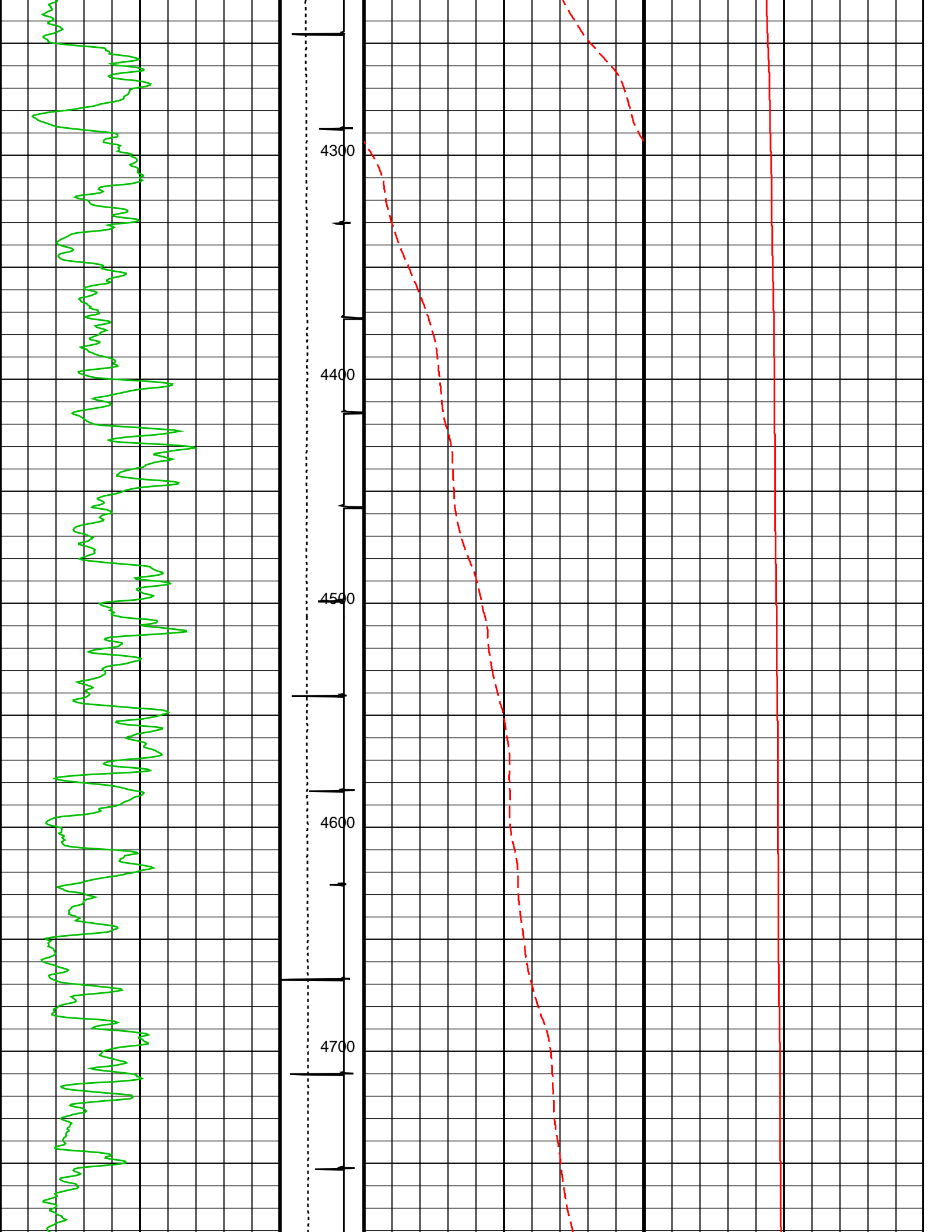


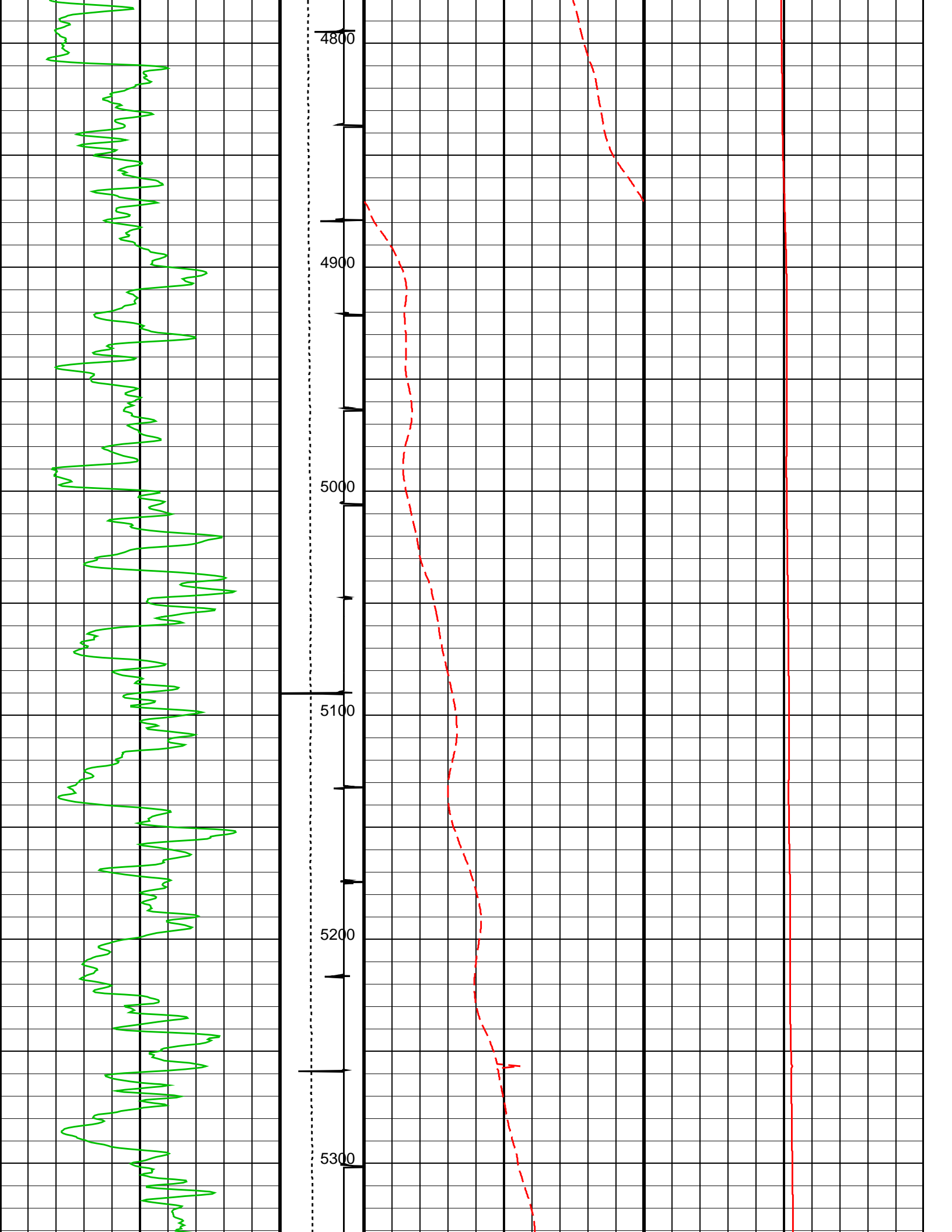


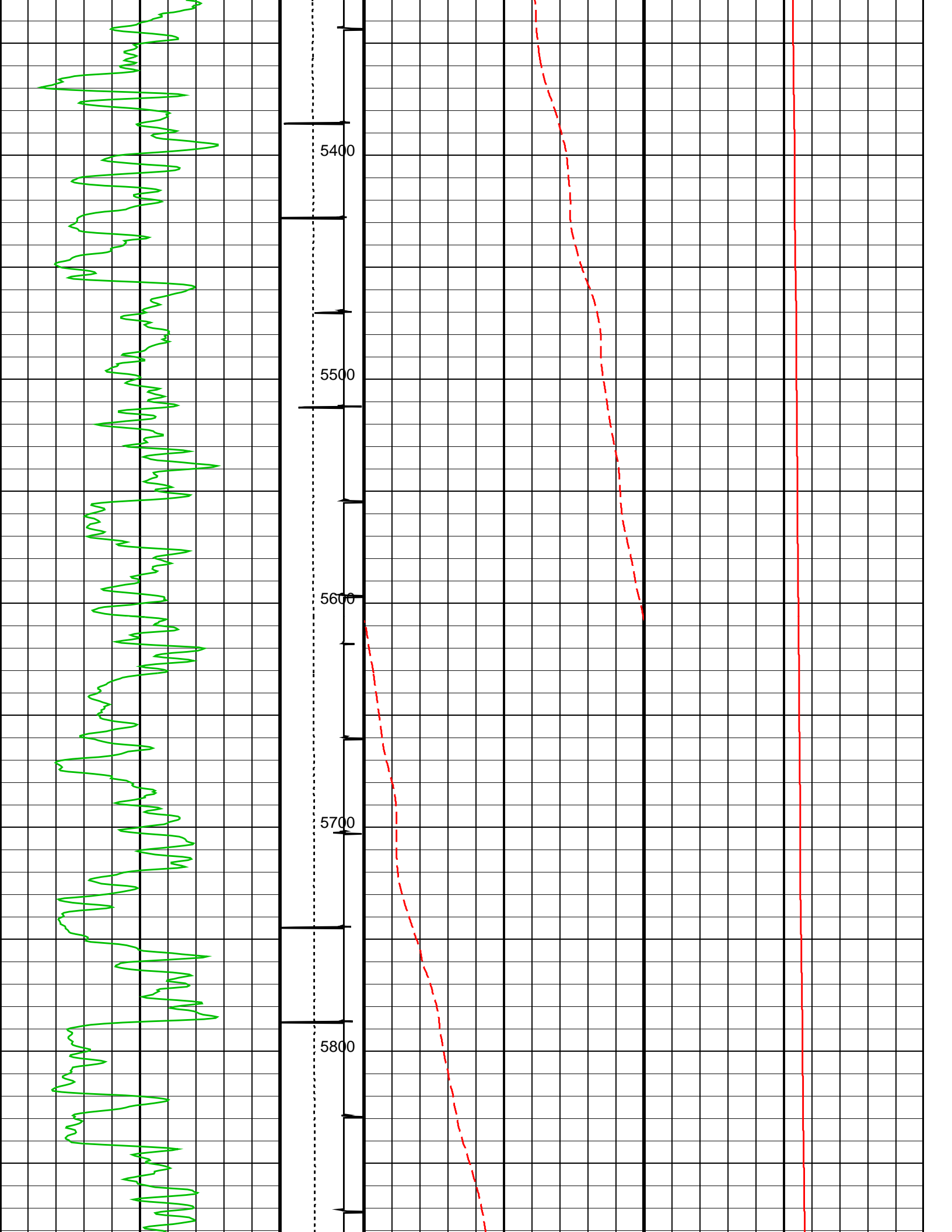


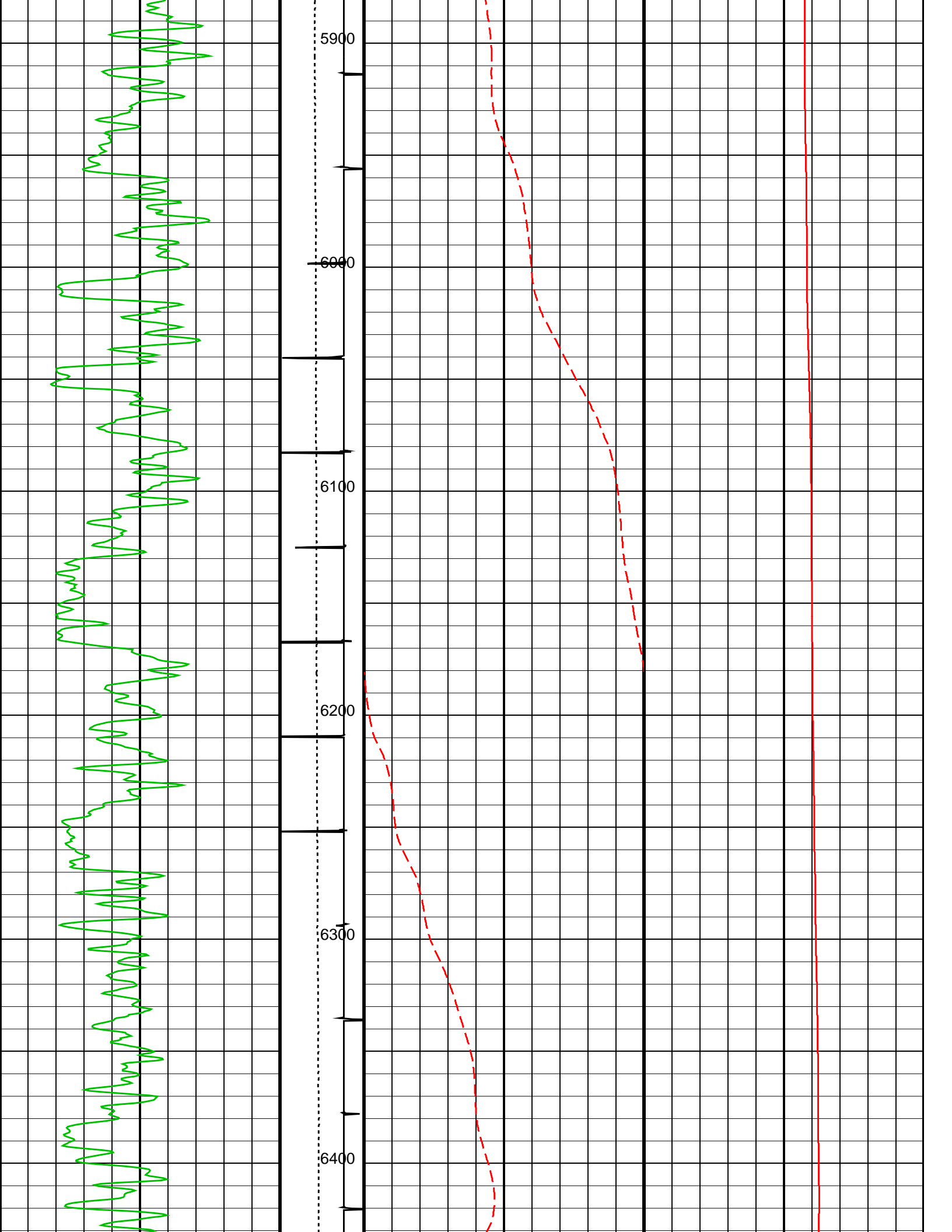


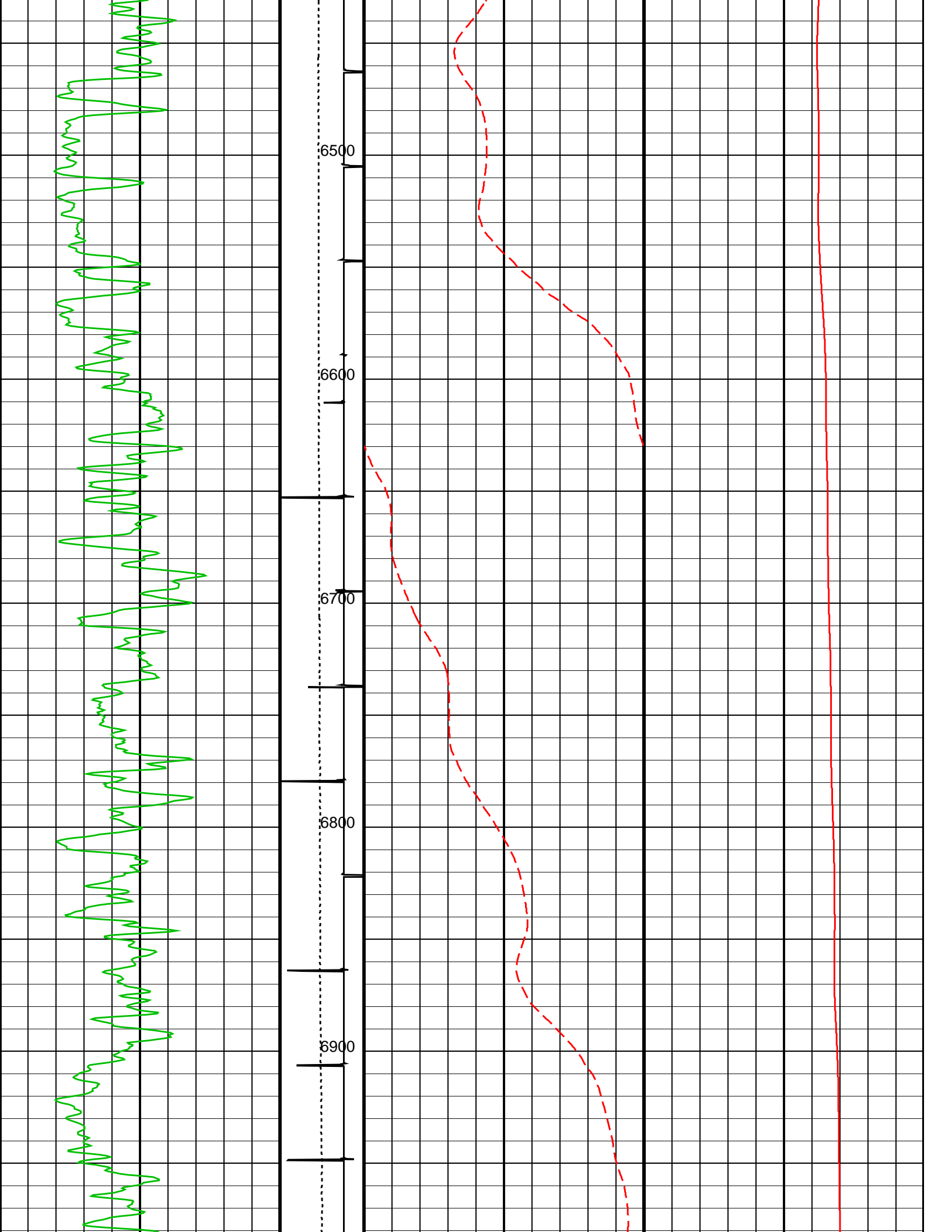


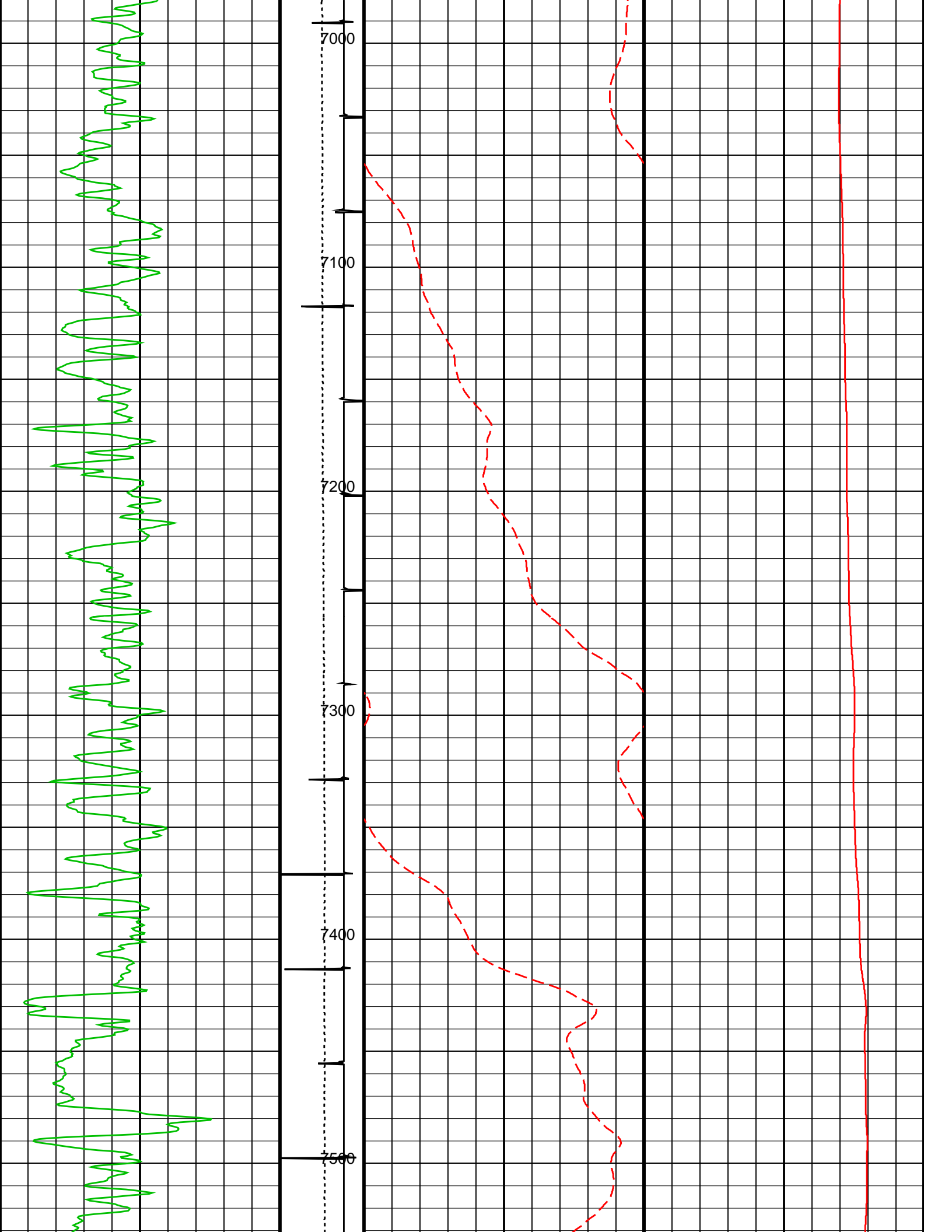


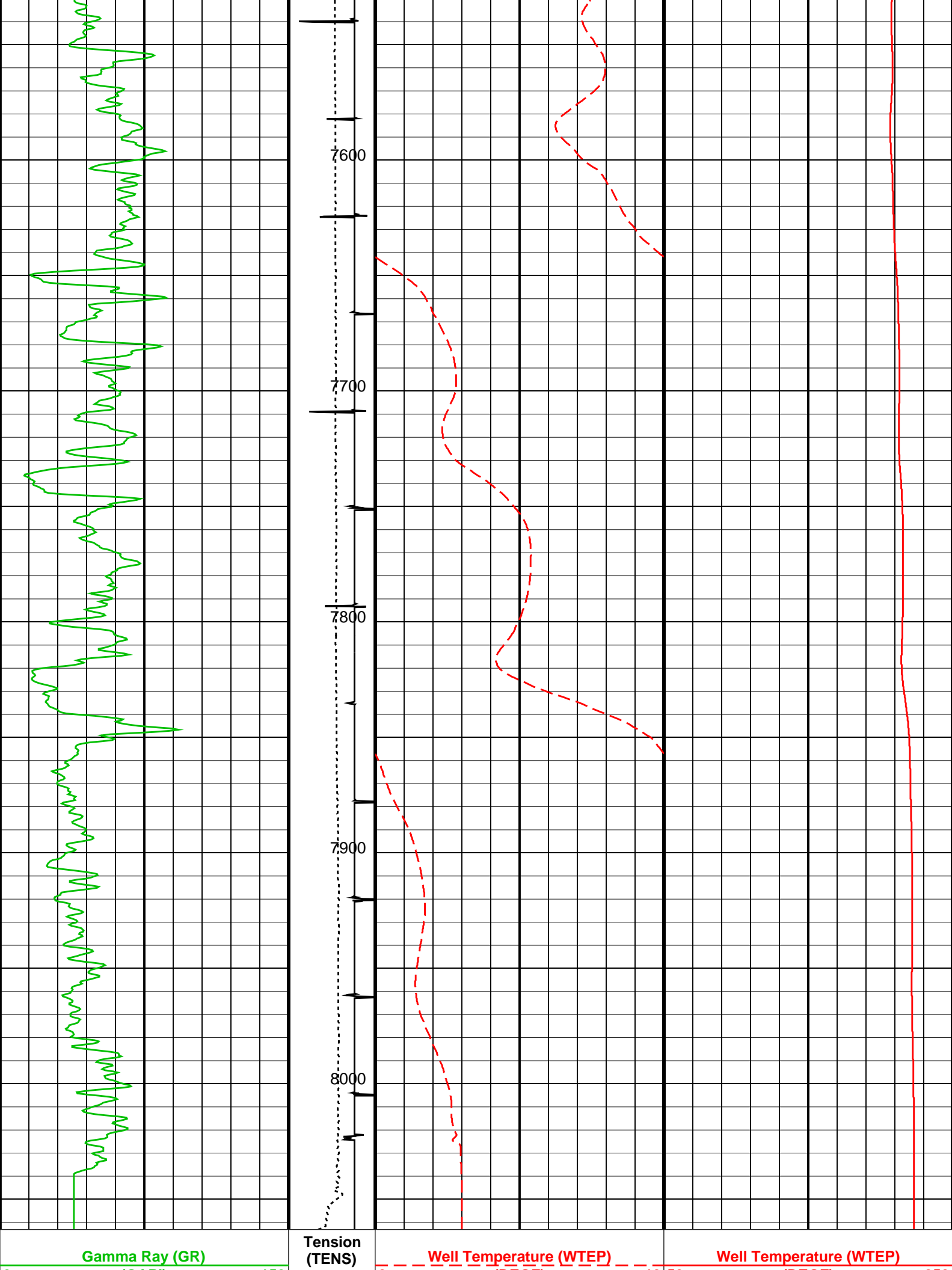












Gamma Ray (GR)

Tension
(TENS)

Well Temperature (WTEP)

Well Temperature (WTEP)

(GAPI)	150	(LBF)	0	2000	0	10	50	(DEGF)	250
		Discriminat ed CCL (CCLD)							
		3 (V) -1							

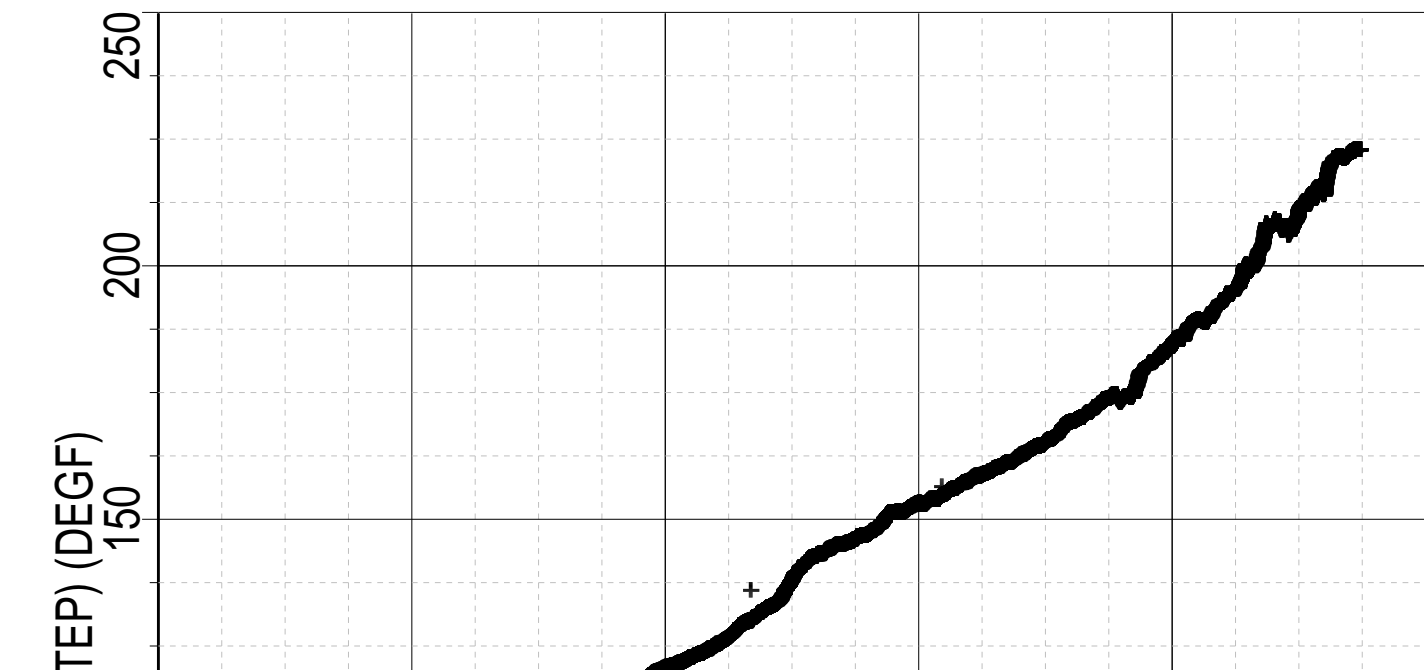
Parameters						
DLIS Name		Description			Value	
System and Miscellaneous						
DO		Depth Offset for Playback			2.0	FT
PP		Playback Processing			NORMAL	
Format: TEMPERATURE_S2		Vertical Scale: 2" per 100'			Graphics File Created: 09-May-2007 18:20	
OP System Version: 14C0-302						
MCM						
SCMT-CB	14C0-302	HBMS-B		14C0-302		
Input DLIS Files						
DEFAULT	SCMT_HBMS_007LUP	FN:6	PRODUCER	09-May-2007 15:49	8061.0 FT	175.5 FT
Output DLIS Files						
DEFAULT	SCMT_HBMS_010PUP	FN:9	PRODUCER	09-May-2007 18:20		

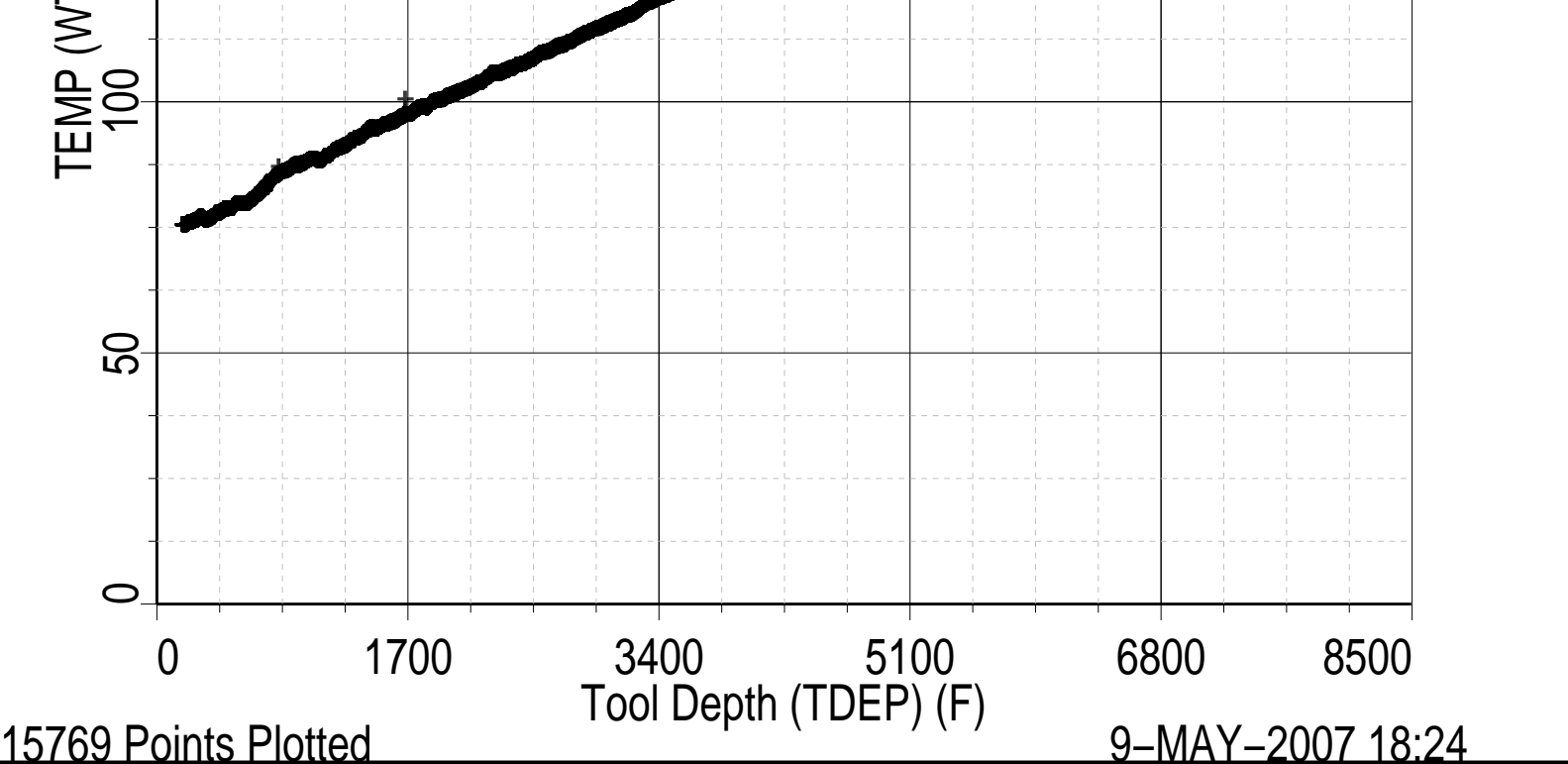
Schlumberger

TEMPERATURE PLOT

MAXIS Field Log

Index: 8063.0 – 179.0 FT





COEFFICIENTS

MAXIS Field Log

Client:	ENCANA OIL AND GAS (USA) INC.	Tool:	PSP
Field:	WEST MAMM CREEK	Sub Type:	PBMS
Well:	COUEY FEDERAL 24-3 (F24W)	Sensor:	GR
Run date:	9-May-2007		

PBMS Gamma Ray	
Sonde Serial NB	RESISTORS FOR GR SENSOR N.34068,TOOL HBMS-BA2867. SENSOR S/N:
Sensor Serial NB	34068
Calib Date ddmmyy	110205
Matrix Size	12
Coeff CRC	0CA6

GR HV Rt		
	Rt**0	Rt**1
Rt**0	+.200000000000e+04	+.178000000000e+04

Client: ENCANA OIL AND GAS (USA) INC.

Field: WEST MAMM CREEK

Well: COUEY FEDERAL 24–3 (F24W)

Run date: 9–May–2007

Tool: PSP

Sub Type: PBMS

Sensor: WellTemp RTD

PBMS RTD Well Thermometer

Sonde Serial NB

Sensor Serial NB

Calib Date ddmmyy

Matrix Size

Coeff CRC

COEFFICIENTS FOR RTD THERMOMETER PBMS–B.2867 S/N:

2867

140405

16

F251

WTemp Coeff

	Tt**0	Tt**1	Tt**2
Tt**0	–.995093999580E+03	+.765151433508E+03	–.242465498053E+03
	Tt**3	Tt**4	Tt**5
Tt**0	+.394237677133E+02	–.233109665535E+01	0.0

Client: ENCANA OIL AND GAS (USA) INC.

Field: WEST MAMM CREEK

Well: COUEY FEDERAL 24–3 (F24W)

Run date: 9–May–2007

Tool: PSP

Sub Type: PBMS

Sensor: CQG

PBMS Quartz Gauge type F

Sonde Serial NB

Sensor Serial NB

Calib Date ddmmyy

Matrix Size

COEFFICIENTS FOR CQG PBMS–B.2867 S/N:

2867

140405

66

Pres Coeff

	Fb**0	Fb**1	Fb**2
Fc**0	+.688745765450E+04	+.139306144924E-01	-.278543988697E-06
Fc**1	-.103739266044E+01	-.124597054486E-04	-.930203547454E-10
Fc**2	+.108151074716E-05	+.499778447827E-10	+.865254468286E-15
Fc**3	+.175818110270E-11	+.250730141683E-15	0.0
Fc**4	0.0	0.0	0.0
Fc**5	0.0	0.0	0.0
	Fb**3	Fb**4	Fb**5
Fc**0	-.804689071150E-10	-.147547118362E-14	-.176060479668E-19
Fc**1	+.202415620378E-15	+.177514209399E-19	0.0
Fc**2	0.0	0.0	0.0
Fc**3	0.0	0.0	0.0
Fc**4	0.0	0.0	0.0
Fc**5	0.0	0.0	0.0

PBMS Quartz Gauge type F

Sonde Serial NB :
 Sensor Serial NB 2867
 Calib Date ddmmyy 140405
 Matrix Size 66
 Coeff CRC 9B20

Temp Coeff

	Fc**0	Fc**1	Fc**2
Fb**0	+.113666870271E+03	-.267212466605E-03	+.674179244953E-08
Fb**1	-.600774959976E-02	+.186425842683E-07	+.237086966621E-12
Fb**2	-.325102656918E-07	+.373970256590E-12	-.196216040245E-17
Fb**3	-.384029270265E-12	+.811528976864E-17	0.0
Fb**4	0.0	0.0	0.0
Fb**5	0.0	0.0	0.0
	Fc**3	Fc**4	Fc**5
Fb**0	-.193180060462E-12	+.565084358054E-17	+.390025887214E-20
Fb**1	+.649713012204E-17	-.112559211458E-20	0.0
Fb**2	0.0	0.0	0.0
Fb**3	0.0	0.0	0.0
Fb**4	0.0	0.0	0.0
Fb**5	0.0	0.0	0.0

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PBMS Quartz Gauge type F

Sonde Serial NB :
Sensor Serial NB 2867
Calib Date ddmmyy 140405
Matrix Size 16
Coeff CRC BE81

Clock Freq Coeff

	(Fb'-Fc')**0	(Fb'-Fc')**1	(Fb'-Fc')**2
(Fb'-Fc')**0	+.310726814766E+05	+.356292664294E-02	+.589098555041E-06
	(Fb'-Fc')**3	(Fb'-Fc')**4	(Fb'-Fc')**5
(Fb'-Fc')**0	-.649963779548E-10	-.128701995379E-14	+.428343105561E-19

PBMS Quartz Gauge type F

Sonde Serial NB :
Sensor Serial NB 2867
Calib Date ddmmyy 140405
Matrix Size 16
Coeff CRC 45A9

Clock Temp Coeff

	(Fb'-Fc')**0	(Fb'-Fc')**1	(Fb'-Fc')**2
(Fb'-Fc')**0	+.111438925047E+03	-.570329814938E-02	-.315316831914E-07
	(Fb'-Fc')**3	(Fb'-Fc')**4	(Fb'-Fc')**5
(Fb'-Fc')**0	+.281508512174E-12	+.535012361601E-17	-.485825086181E-21

Company: ENCANA OIL AND GAS (USA) INC.



Well: COUEY FEDERAL 24-3 (F24W)
Field: WEST MAMM CREEK
County: GARFIELD
State: COLORADO

CEMENT BOND LOG
GAMMA RAY/ CCL
TEMP/TEMP-PLOT