



Multi-Fingered Imaging Gamma / Casing Collar Log

Country USA

Company Chevron USA Inc.

Well M.B. Larson #C9 X 25

Field Rangely

County Rio Blanco

State Colorado

Country USA

Location:

API #:

SEC 25 TWP 2N RGE 102W

Permanent Datum

Log Measured From

Drilling Measured From

G.L.

K.B.

K.B.

Elevation

5333'

K.B. 5345'

D.F. 5344'

G.L. 5333'

Elevation

Other Services

RCBL

Date

November 16, 2015

Run Number

One

Depth Driller

6494 FT

Depth Logger

6000 FT

Bottom Logged Interval

6000 FT

Top Log Interval

Surface

Open Hole Size

N/A

Type Fluid

Water

Density / Viscosity

8.33 lb/gal

Max. Recorded Temp.

N/A

Estimated Cement Top

4240 FT

Time Well Ready

11:30

Time Logger on Bottom

15:00

Equipment Number

HD 0329

Location

Grand Junction

Recorded By

A. Ellsworth

Witnessed By

Brandon

Borehole Record

Bit

From

To

Size

Weight

From

To

Run Number

Bit

From

To

Size

Weight

From

To

Casing Record

Size

Wd/Ft

Top

Bottom

Surface String

7"

23

Surface

T.D.

Prot String

Production String

Liner

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Log Correlated to 12 FT K.B. at surface

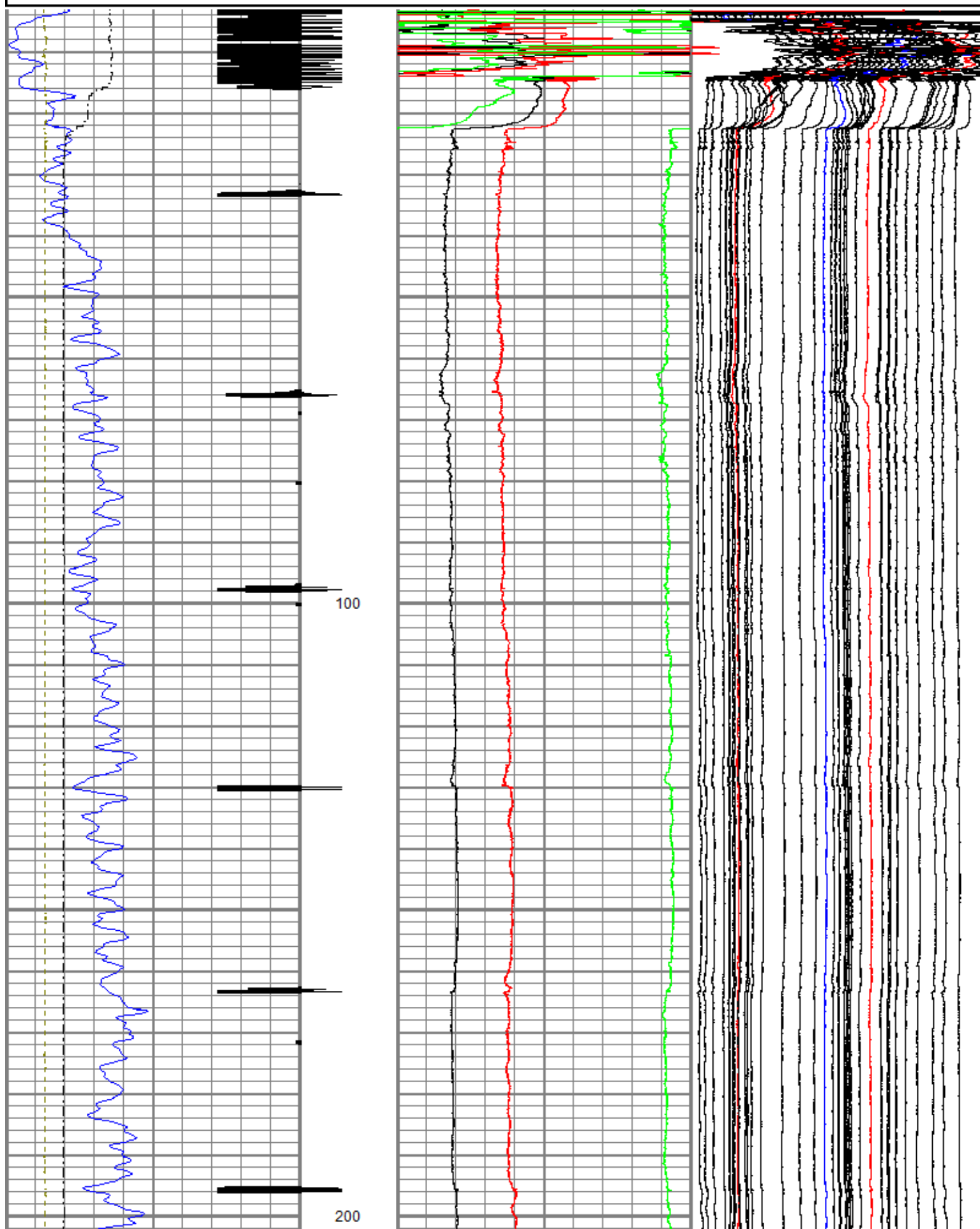
Thank you for choosing FMC Technologies Inc.

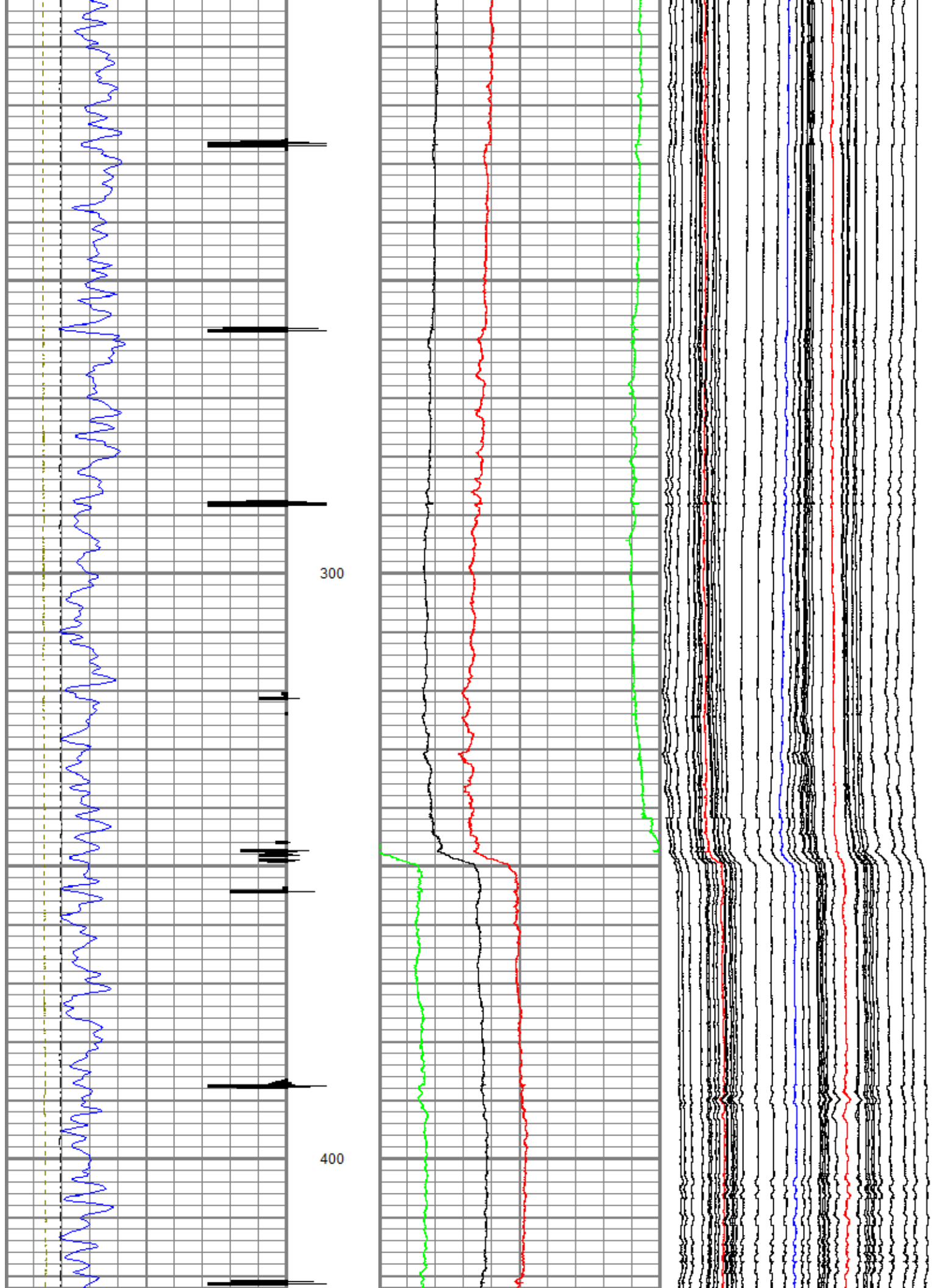
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Dataset Pathname: pass8.1
Presentation Format: 70mit40
Dataset Creation: Mon Nov 16 18:49:11 2015 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

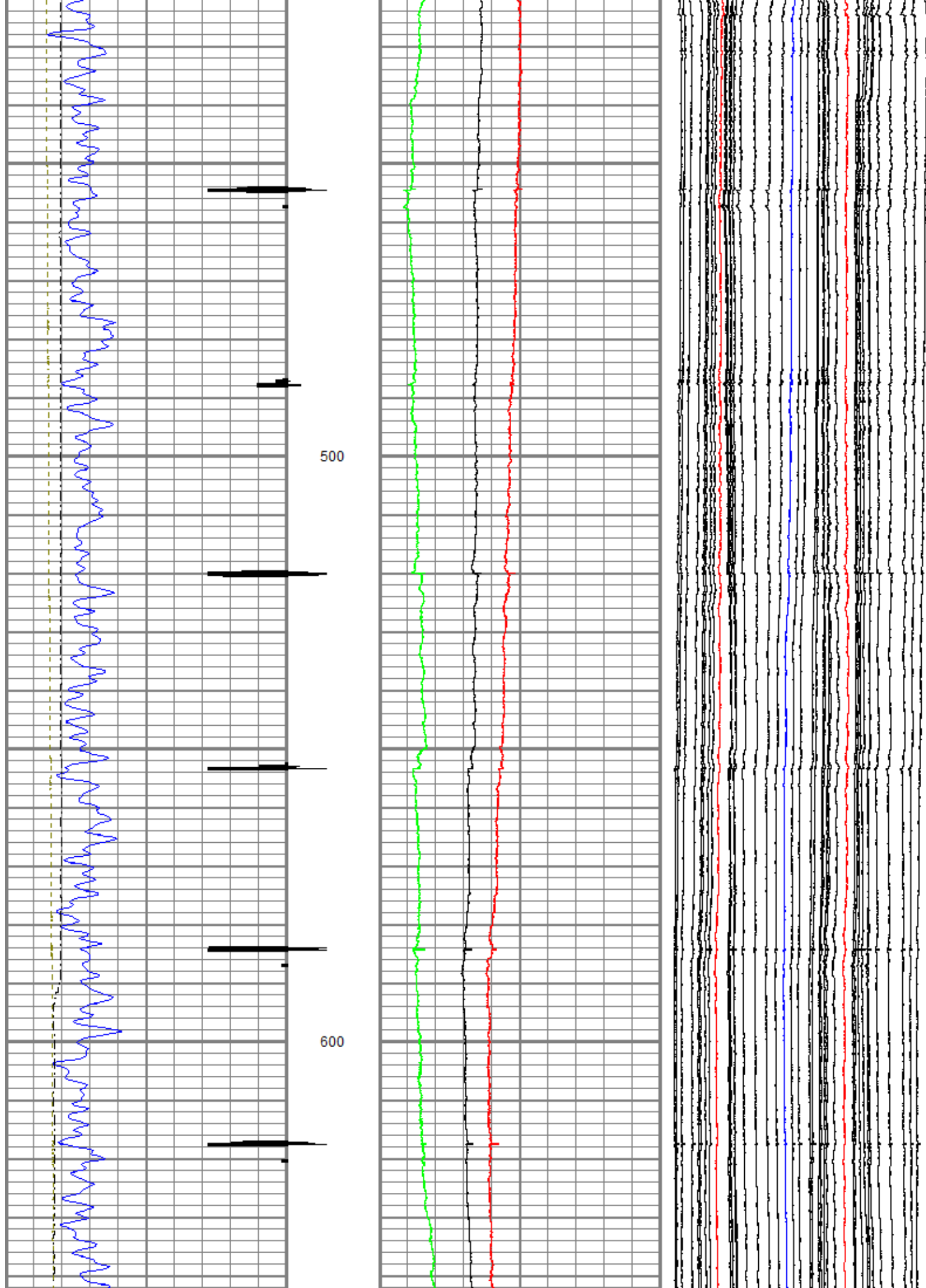
Gamma Ray (GAPI)		120
-100	Line Speed (ft/min)	100
-10	Deviation (°)	90
Casing Collar Locator		

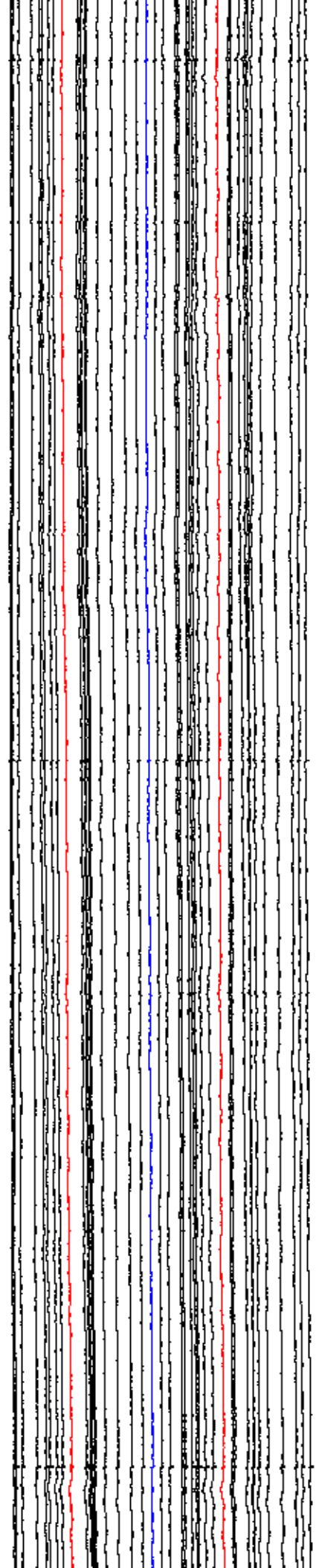
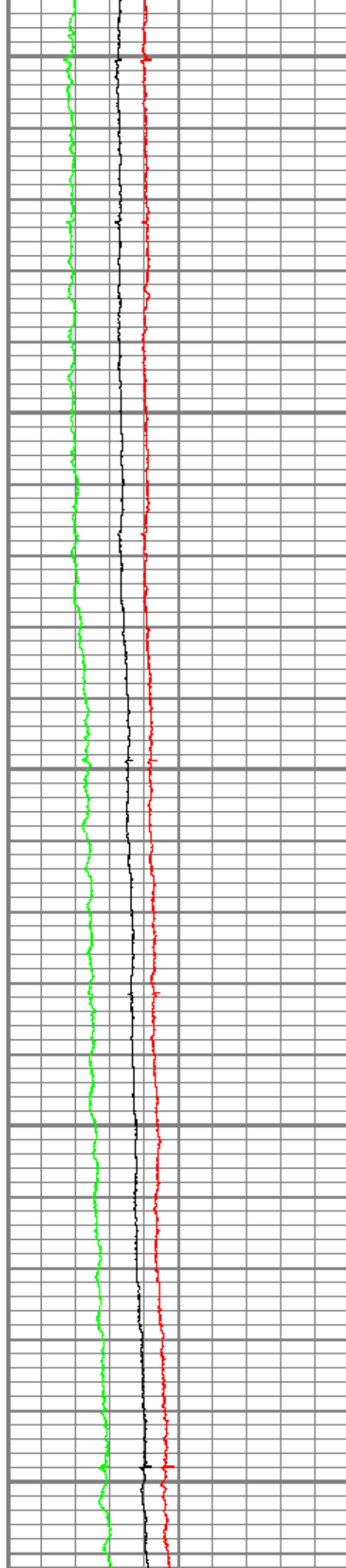
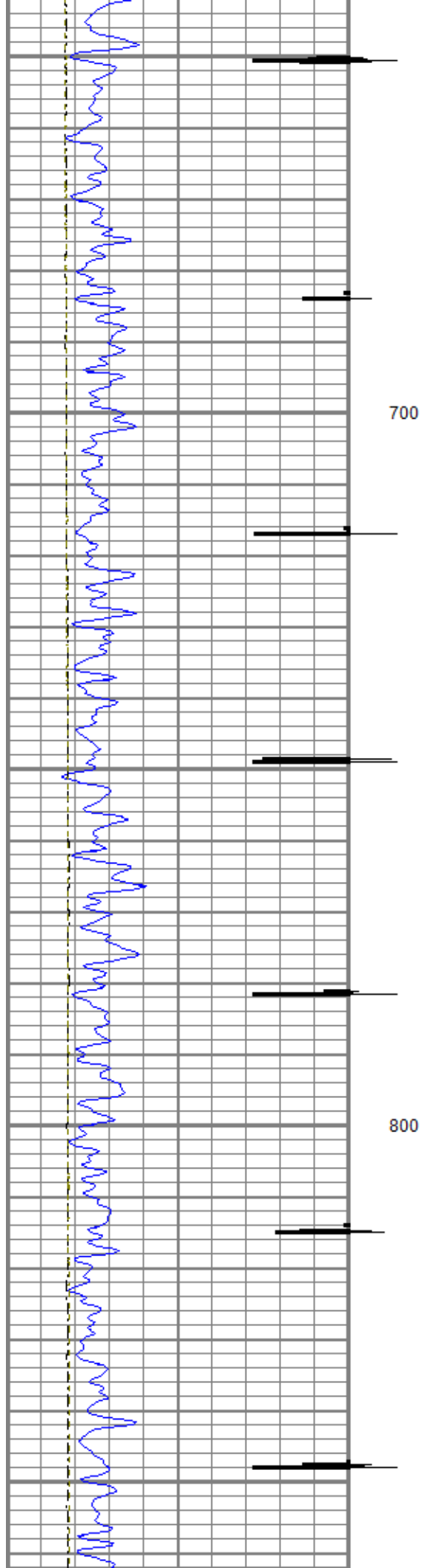
5.8	Average Diameter (in)	6.8
5.8	Maximum Diameter (in)	6.8
5.8	Minimum Diameter (in)	6.8

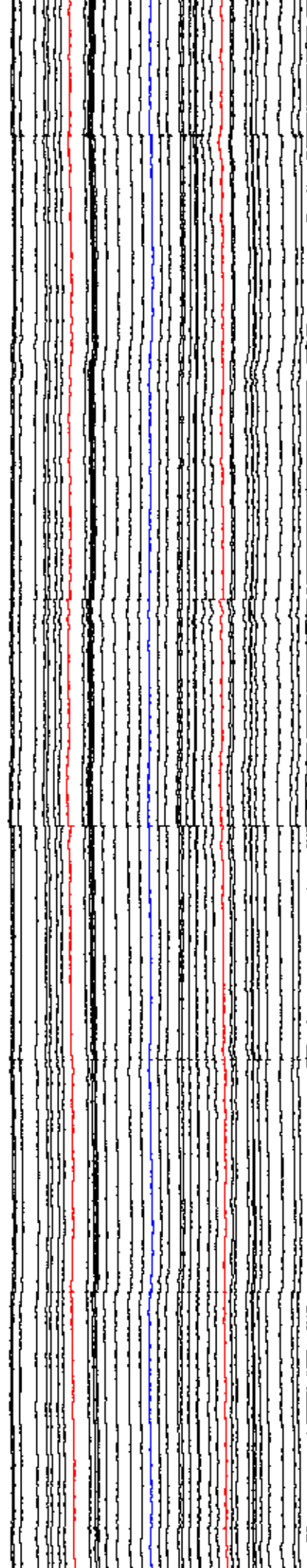
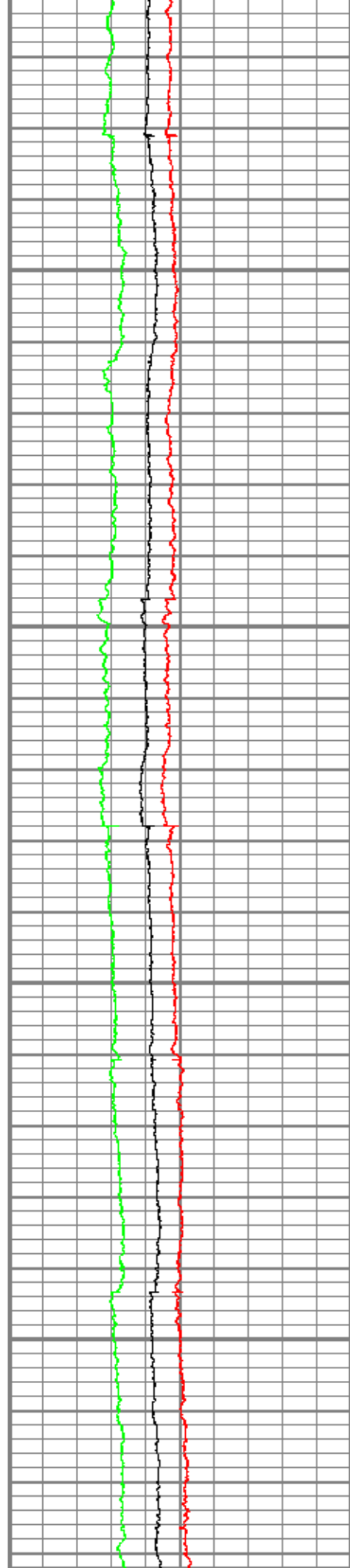
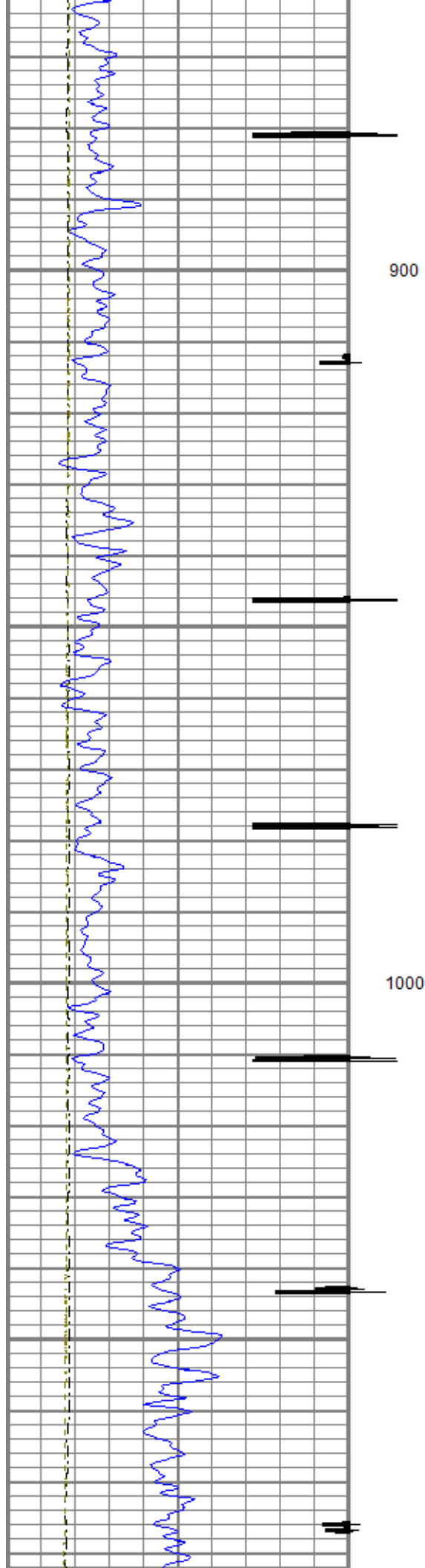
Caliper #10
Caliper #20
Caliper #30

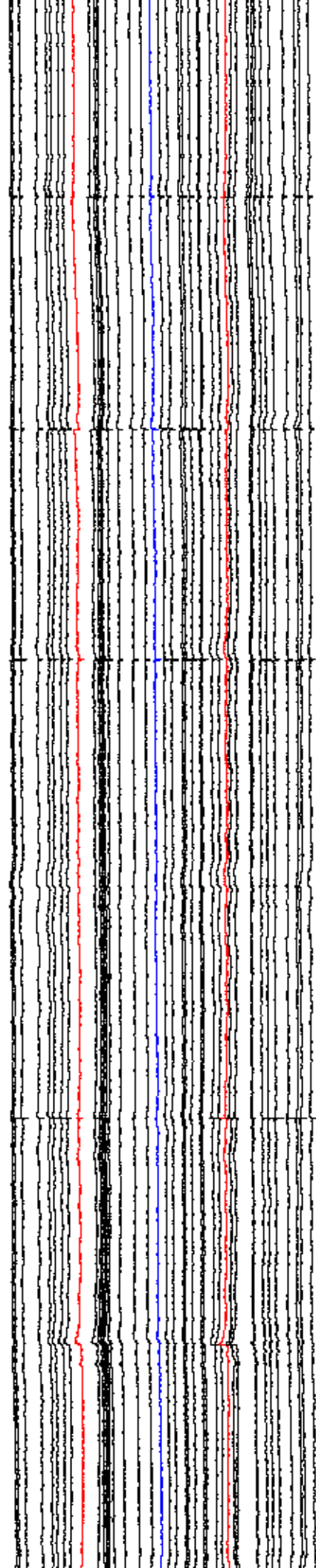
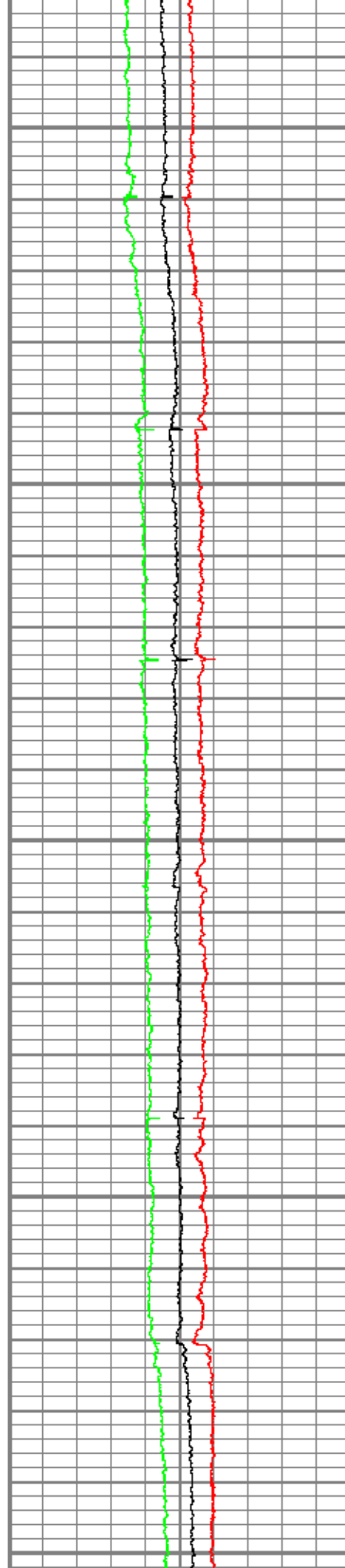
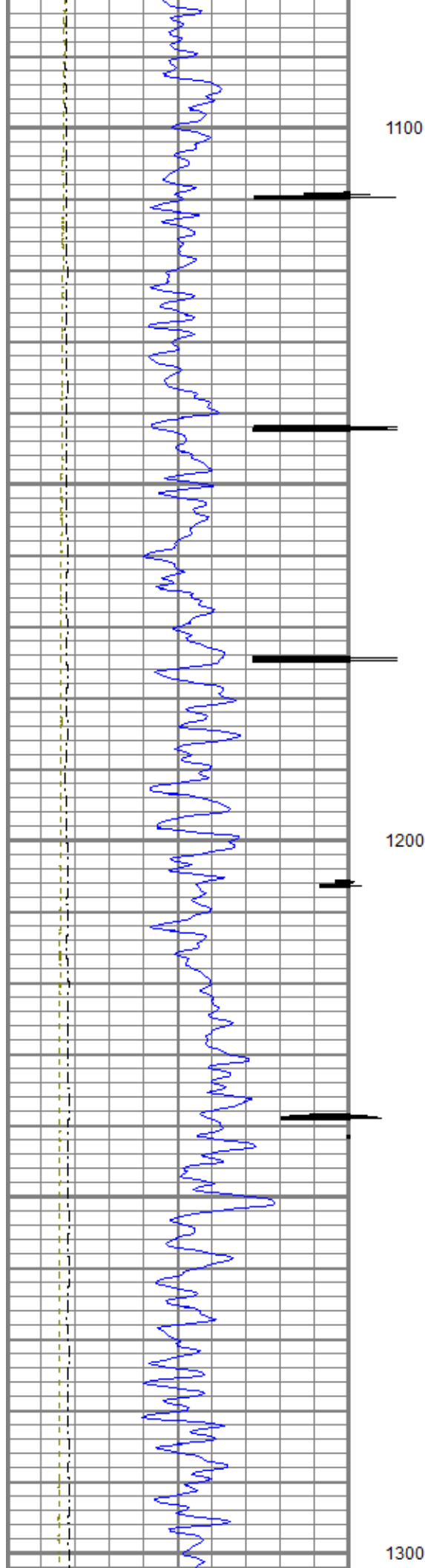


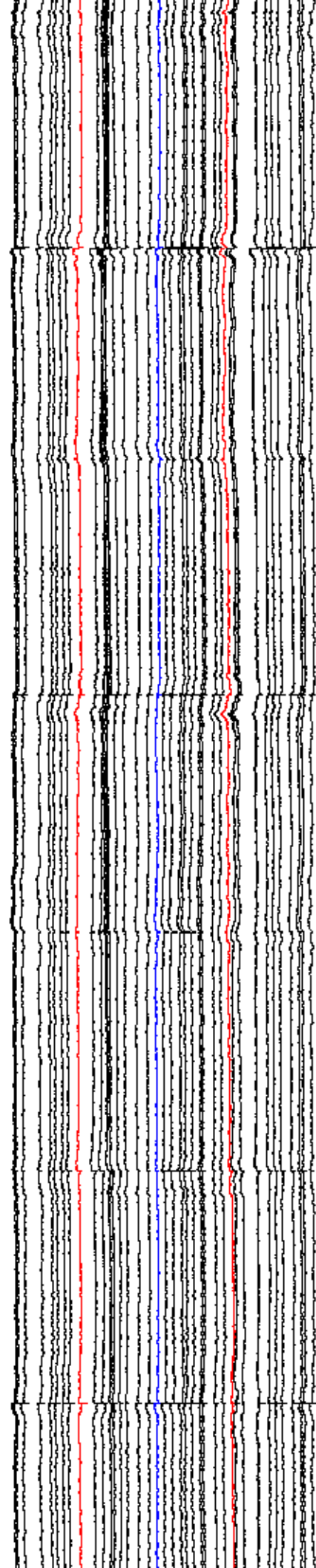
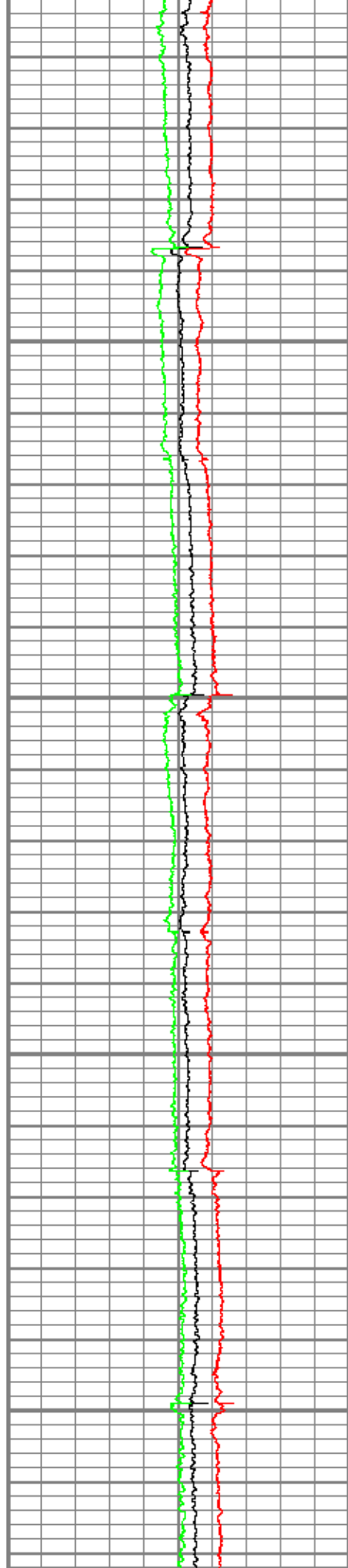
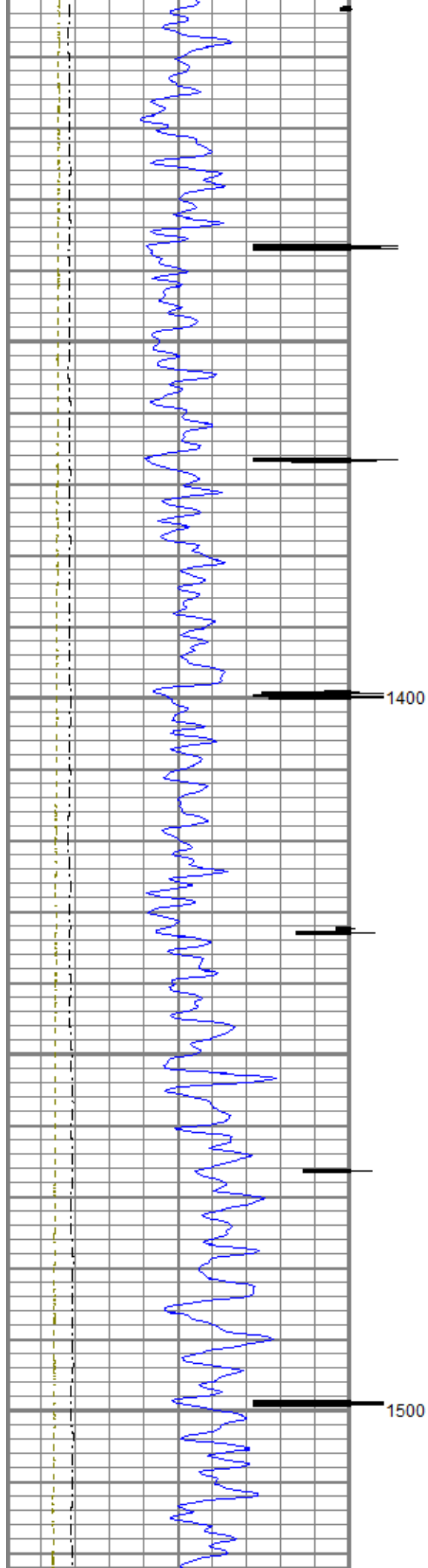


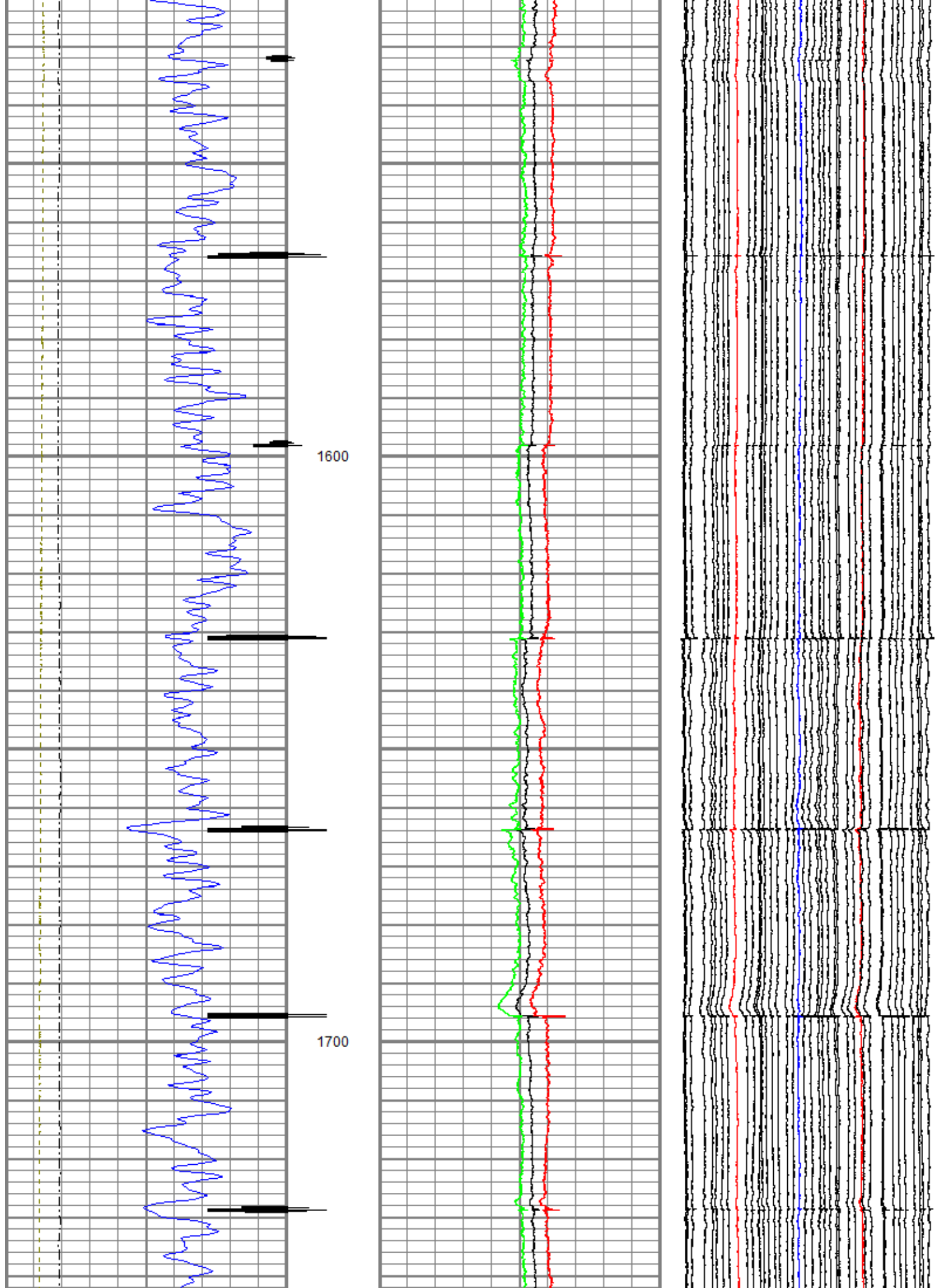


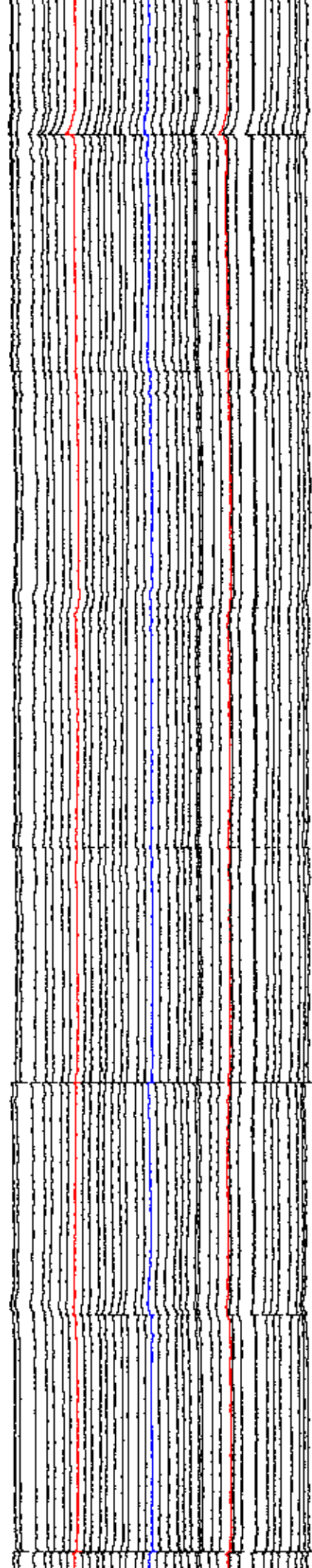
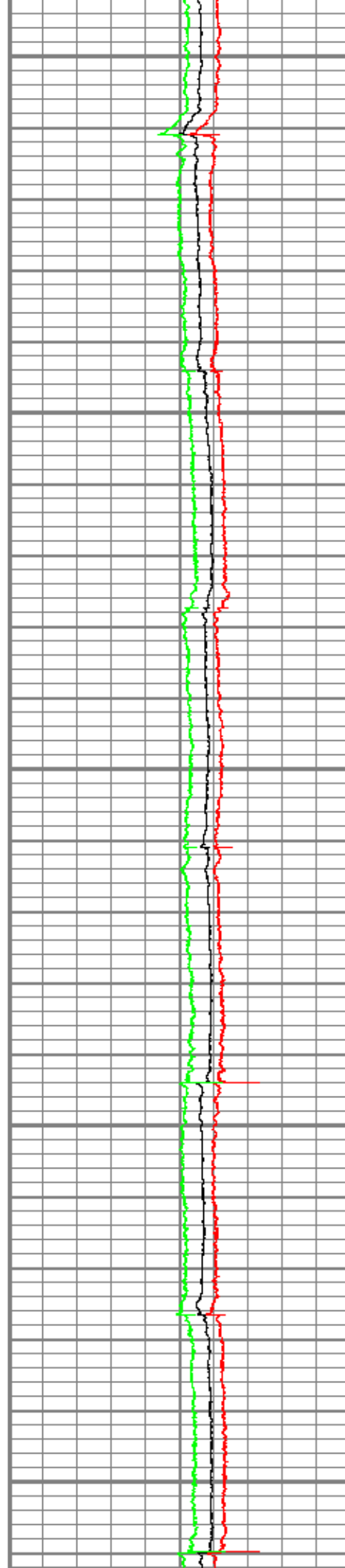
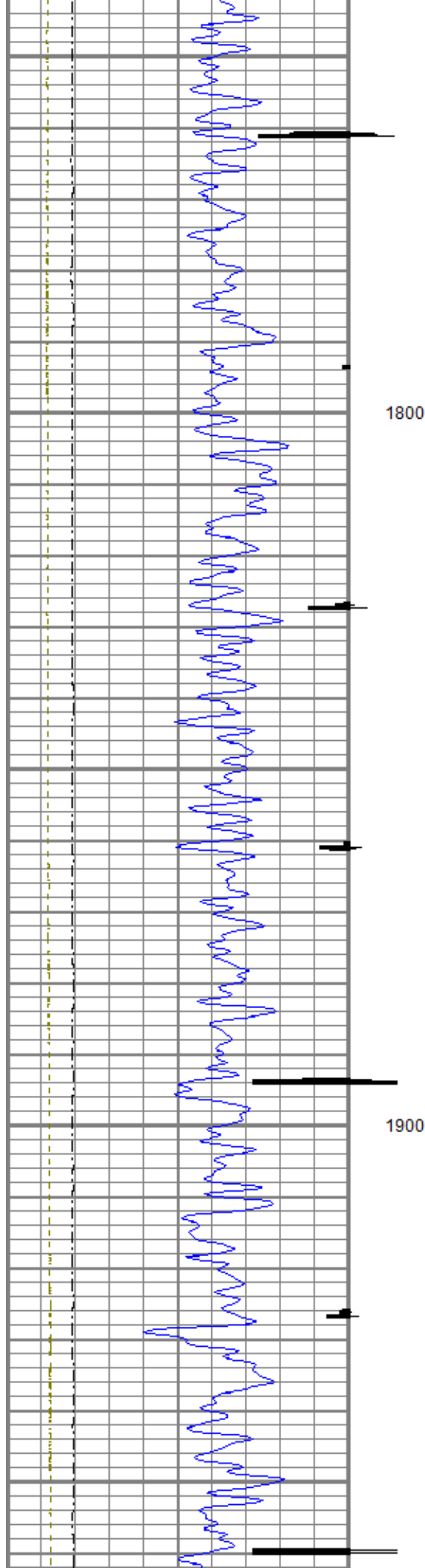


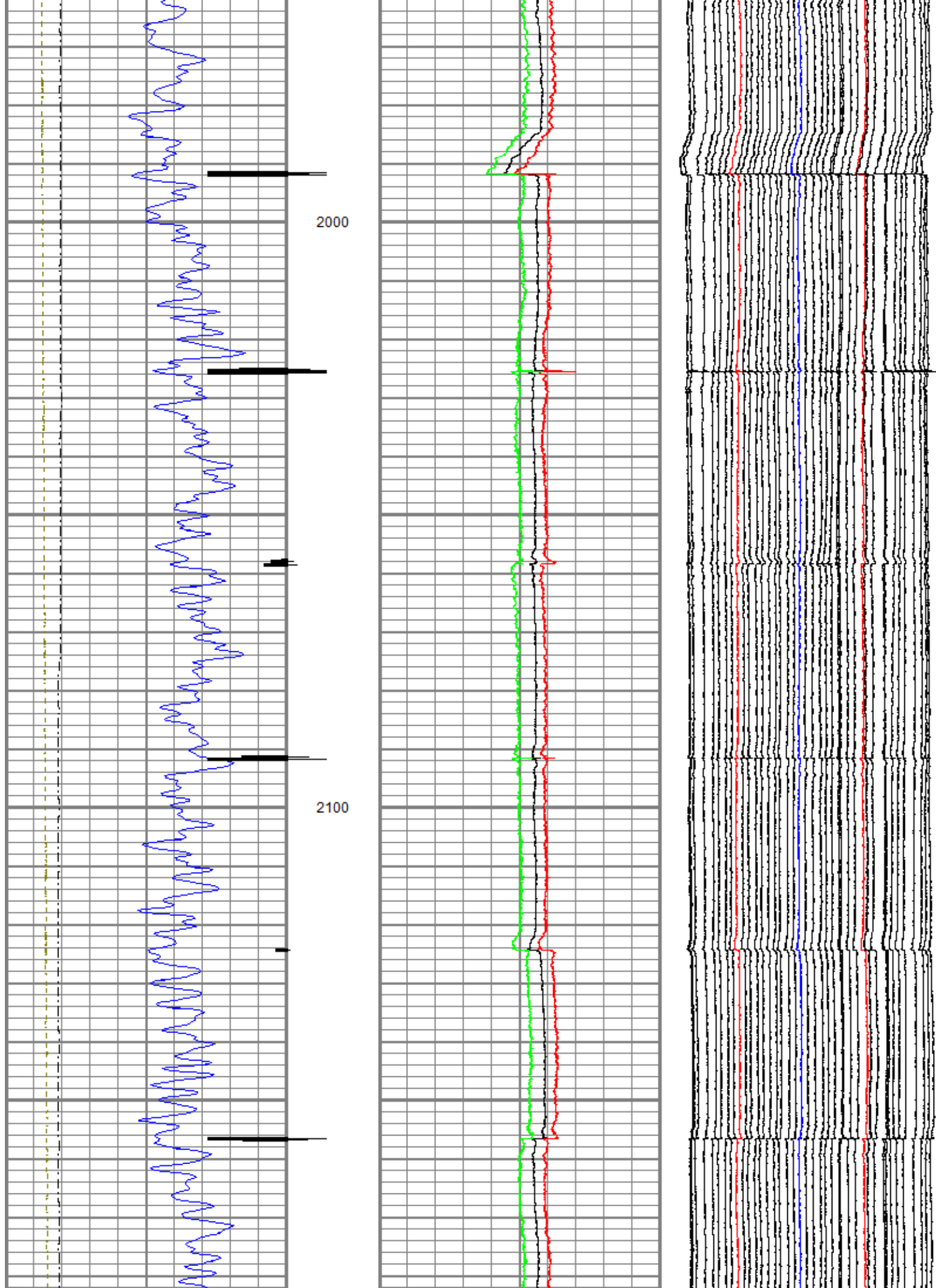


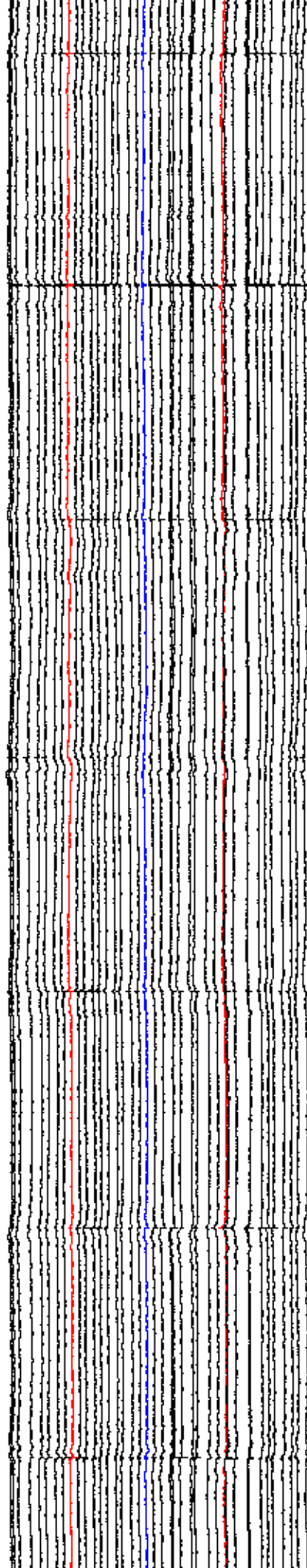
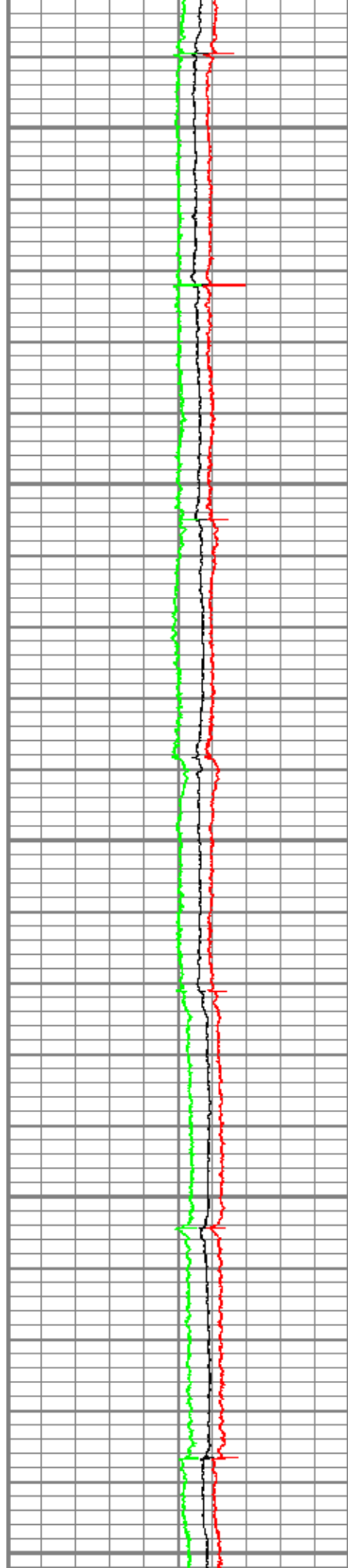
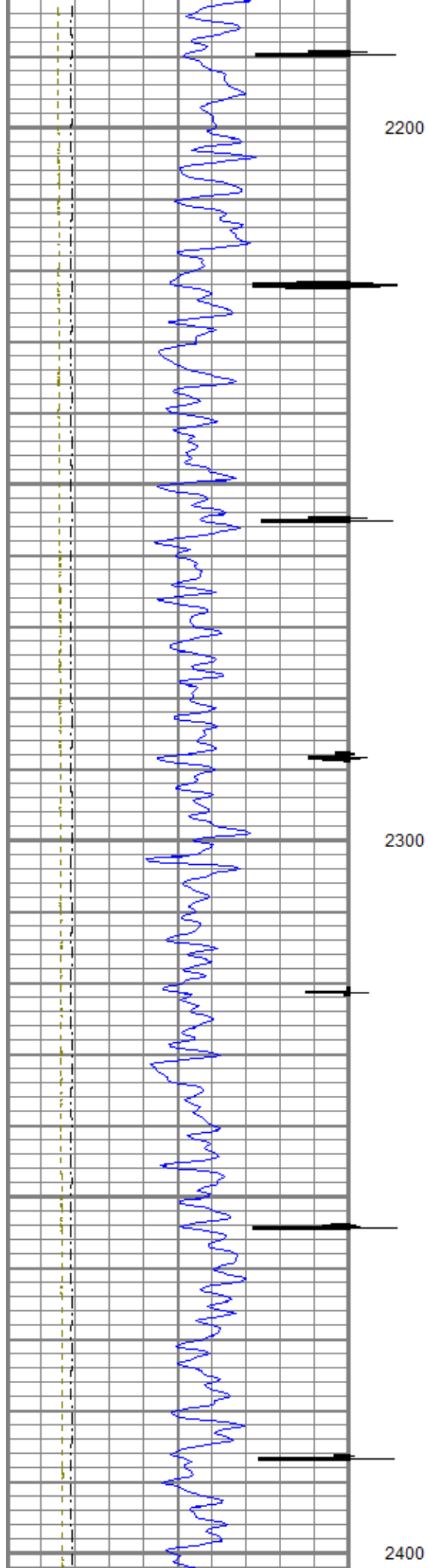


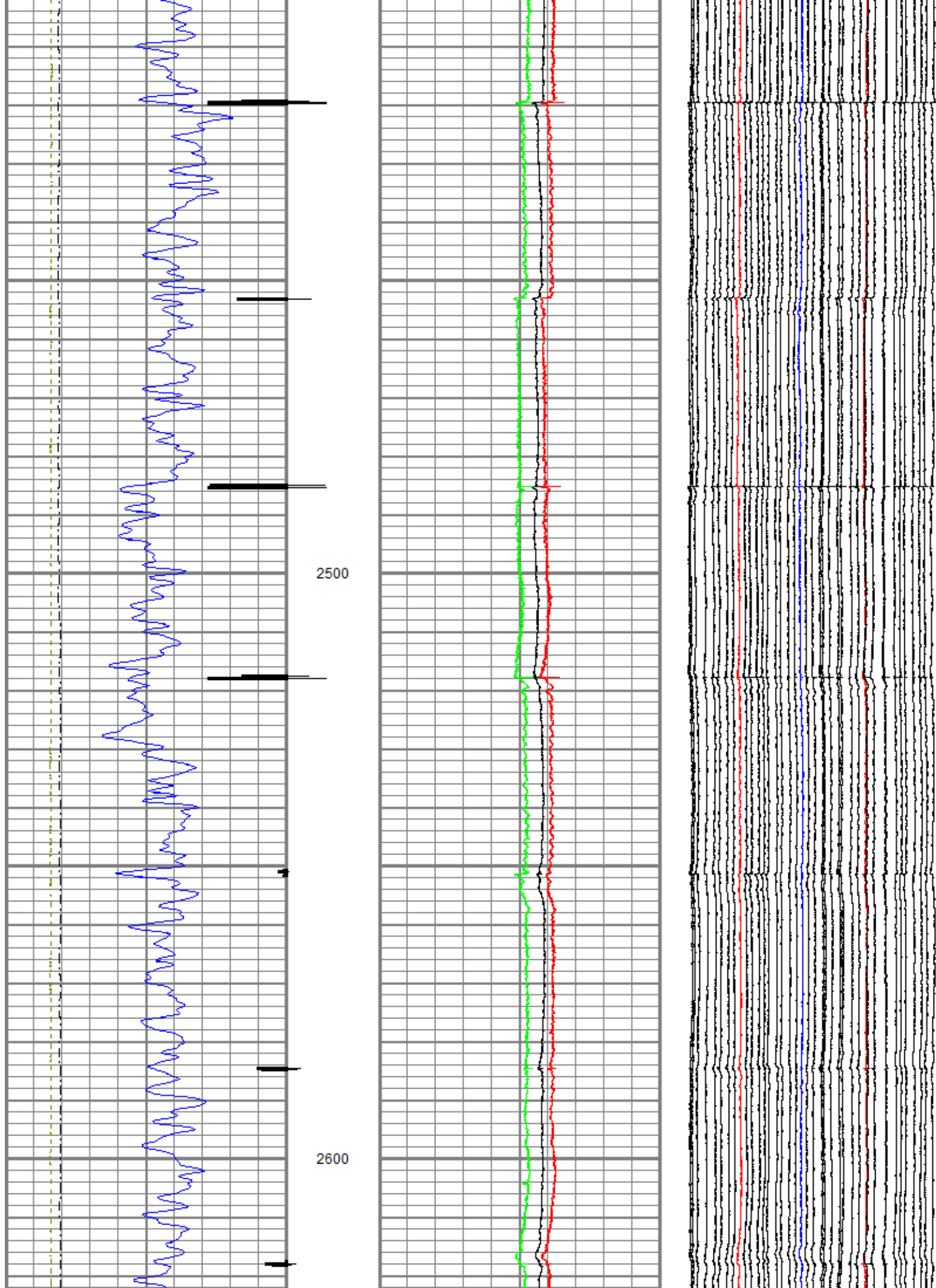


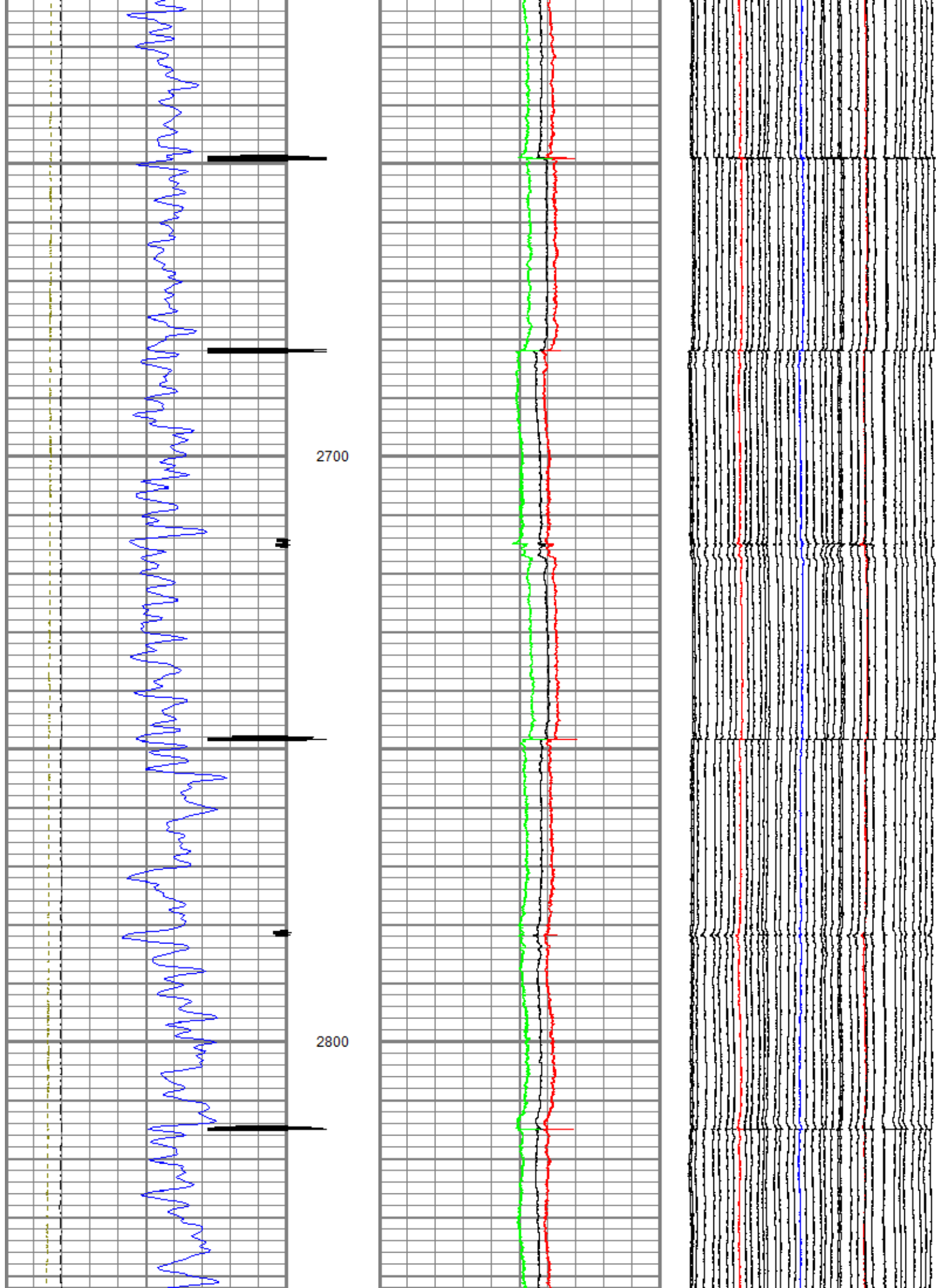


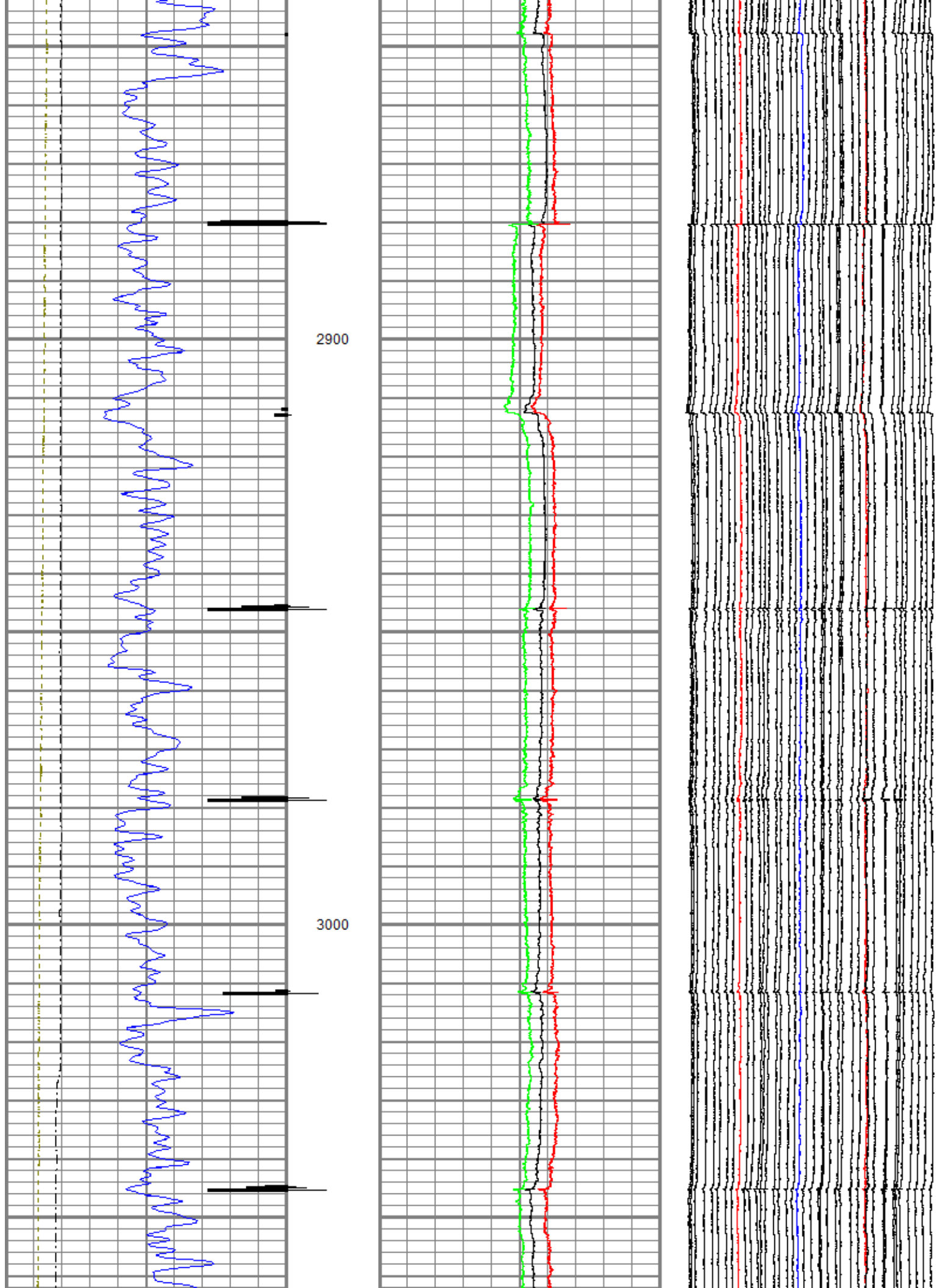


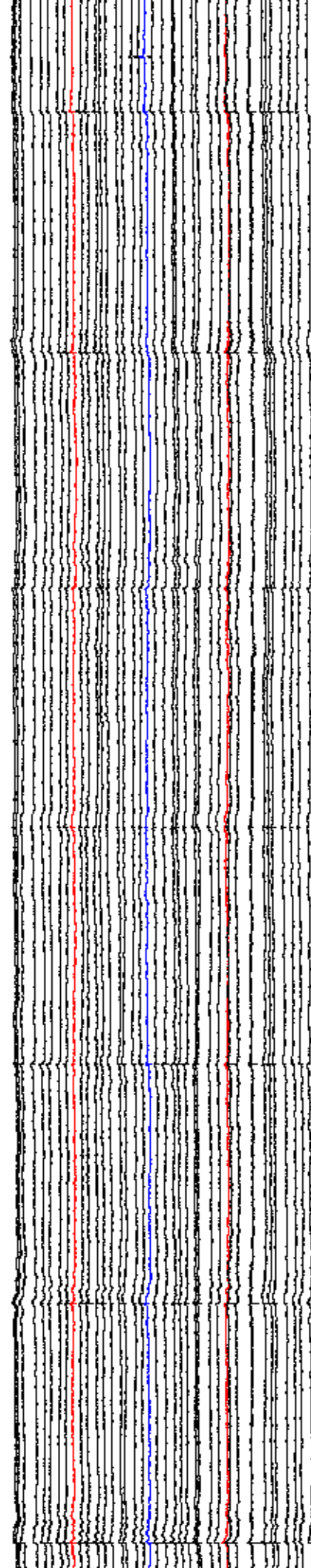
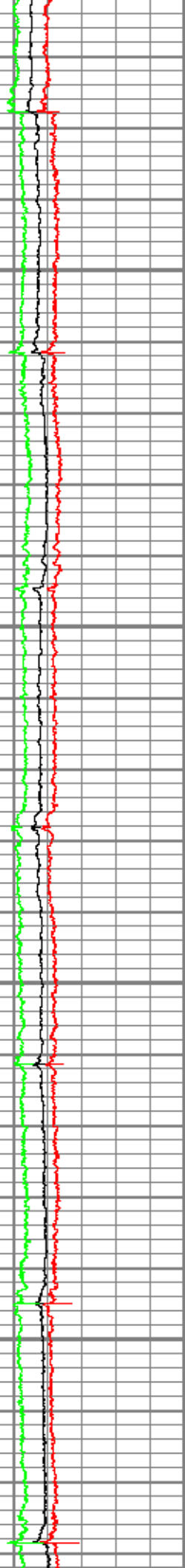
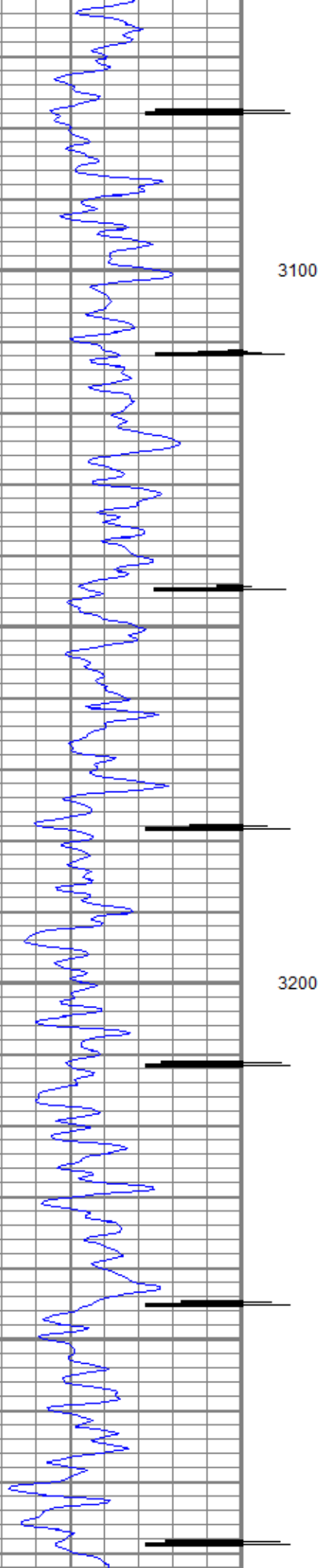


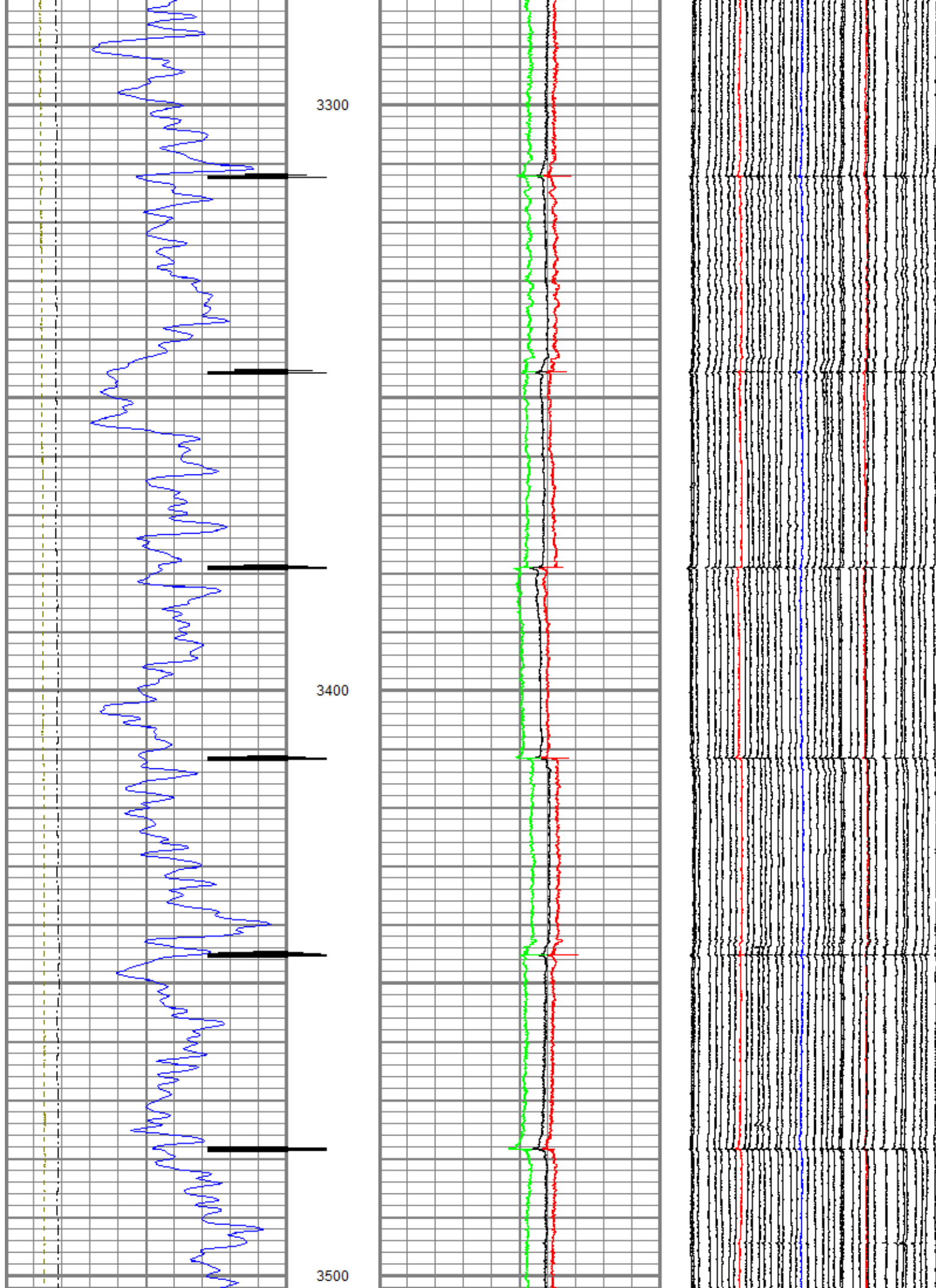


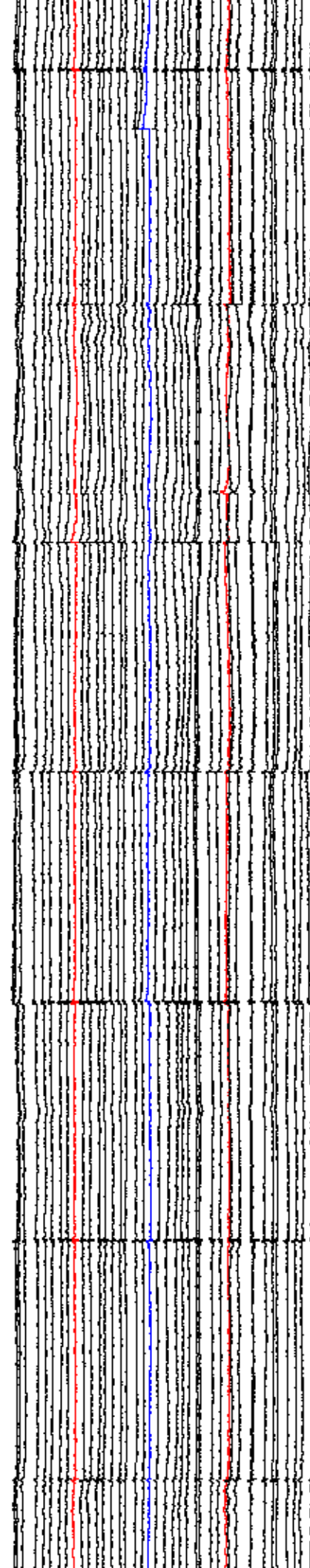
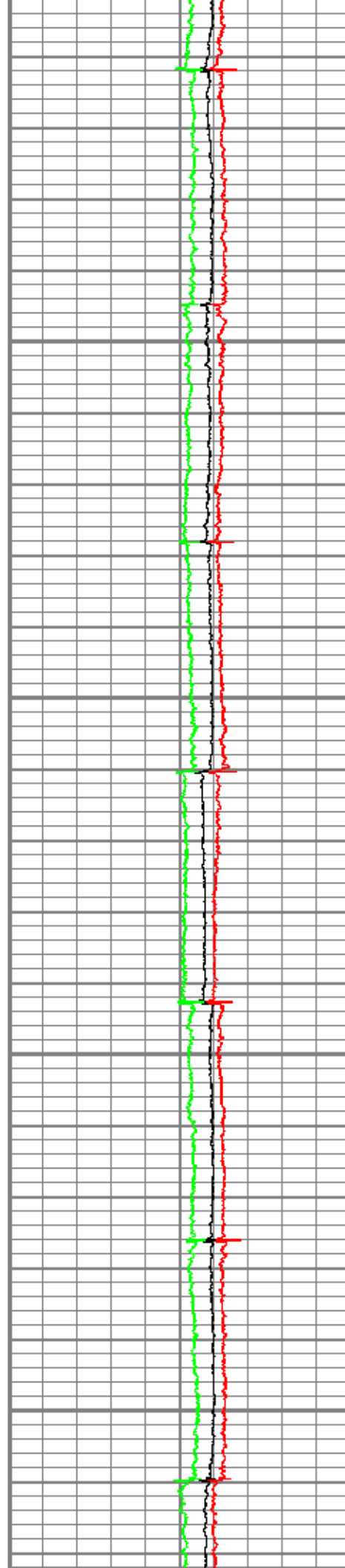
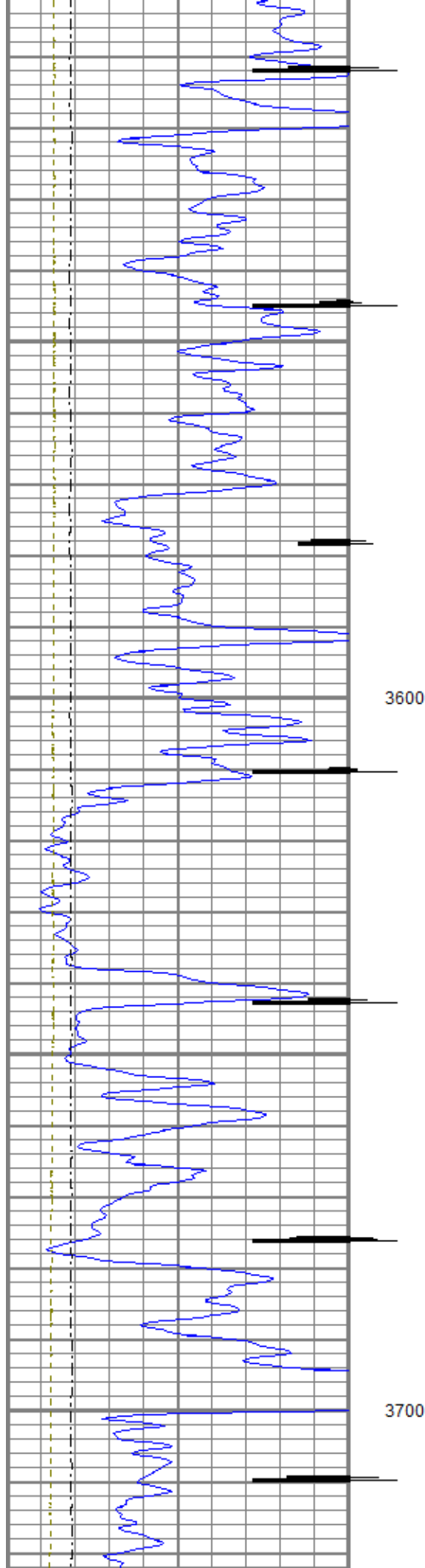


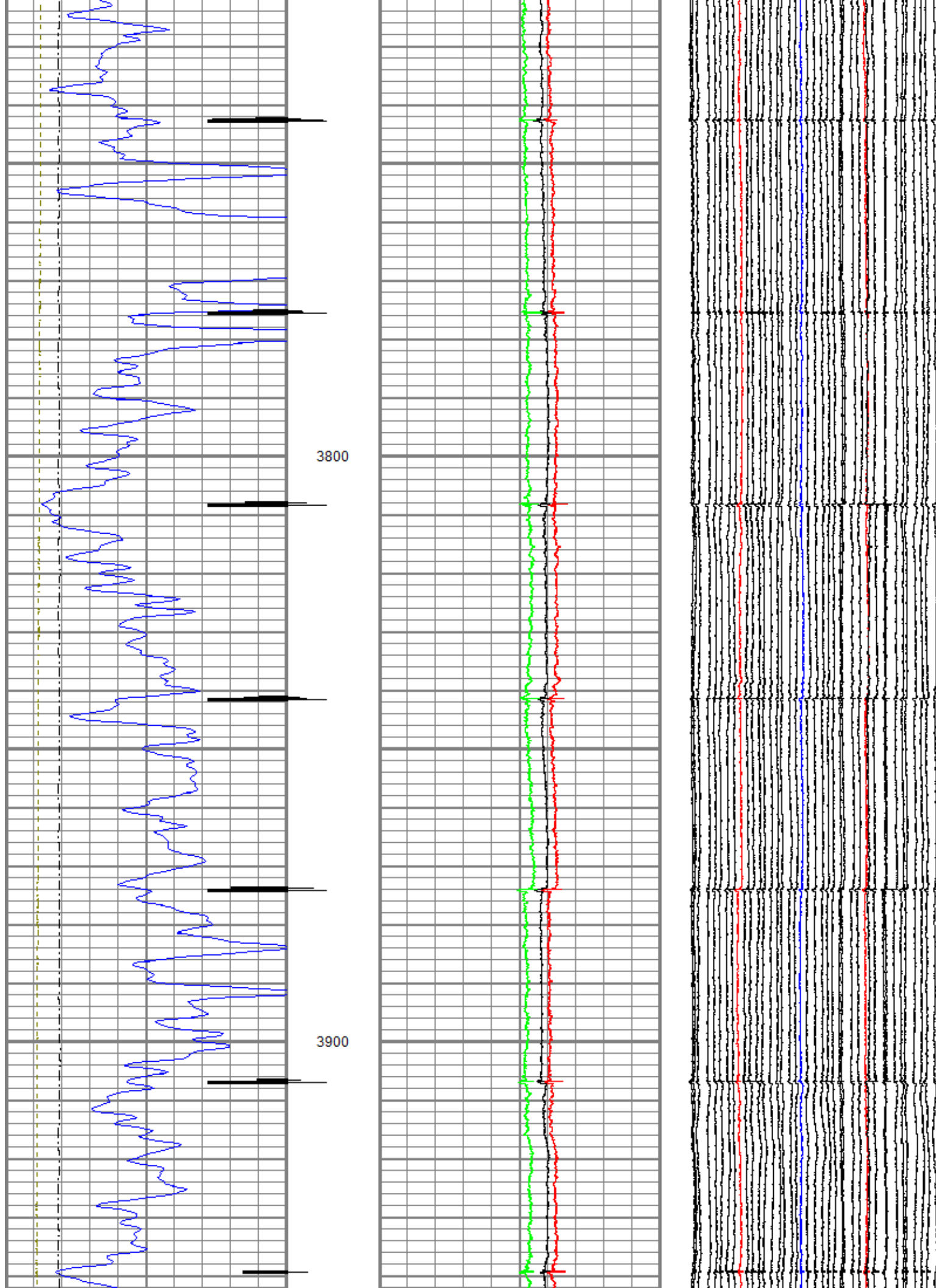


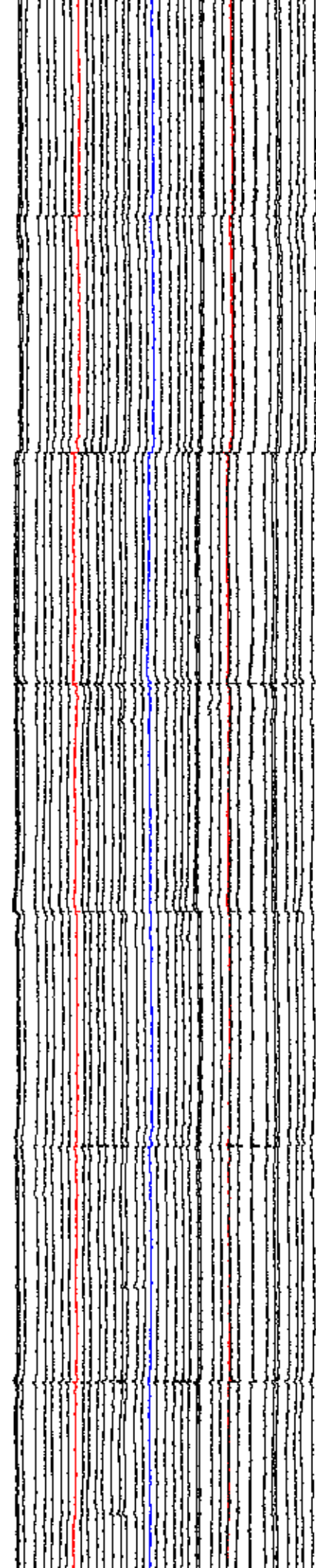
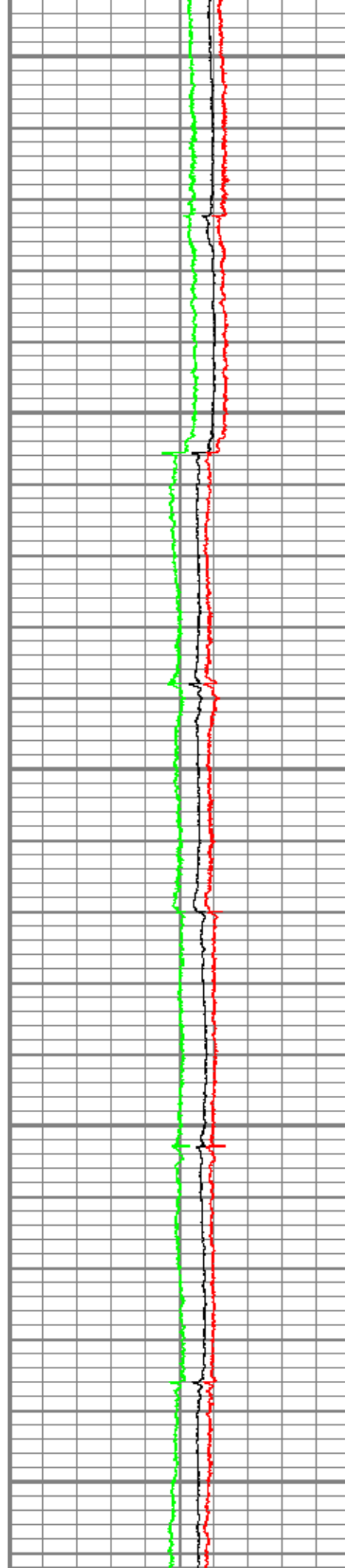
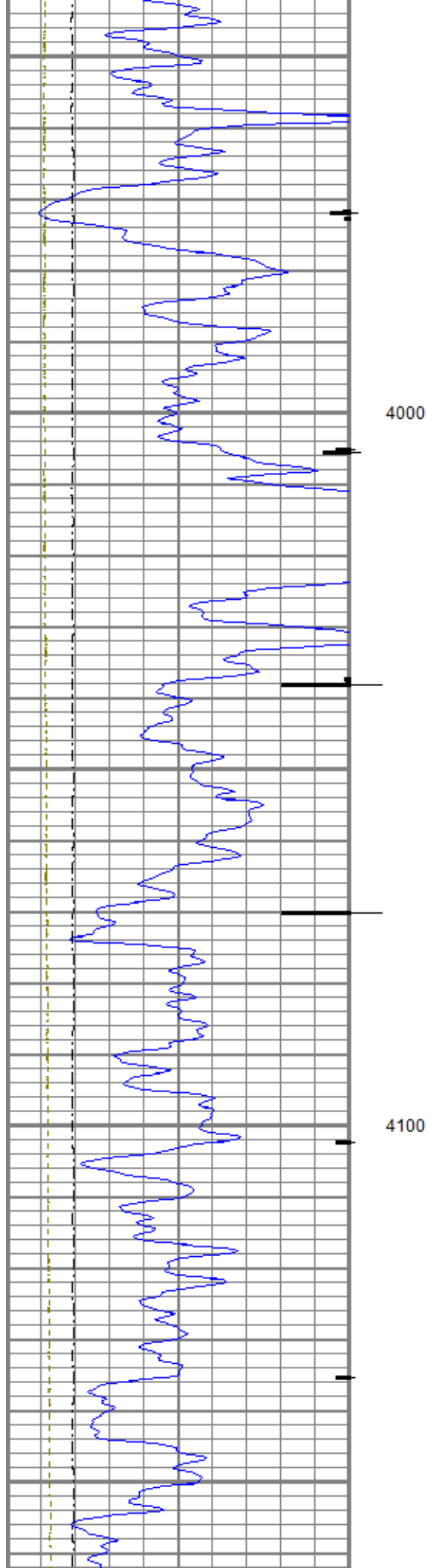


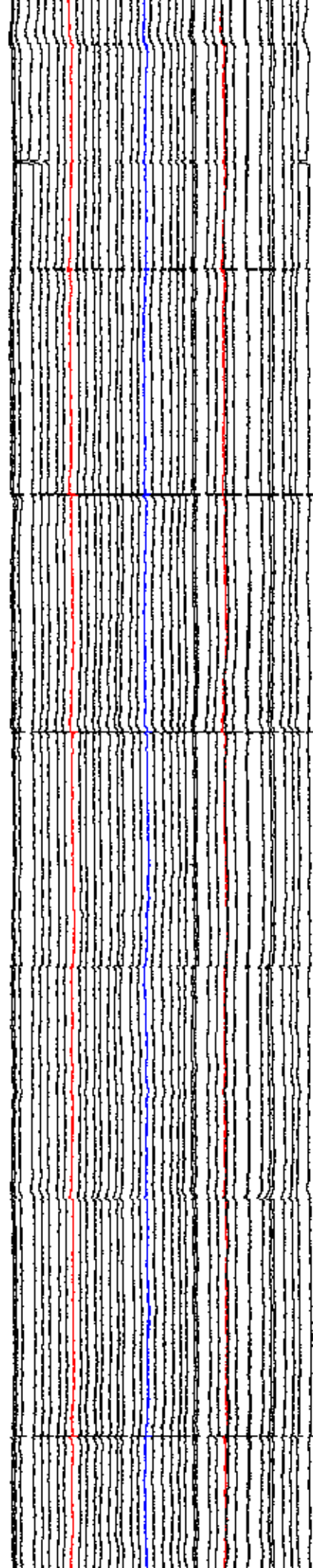
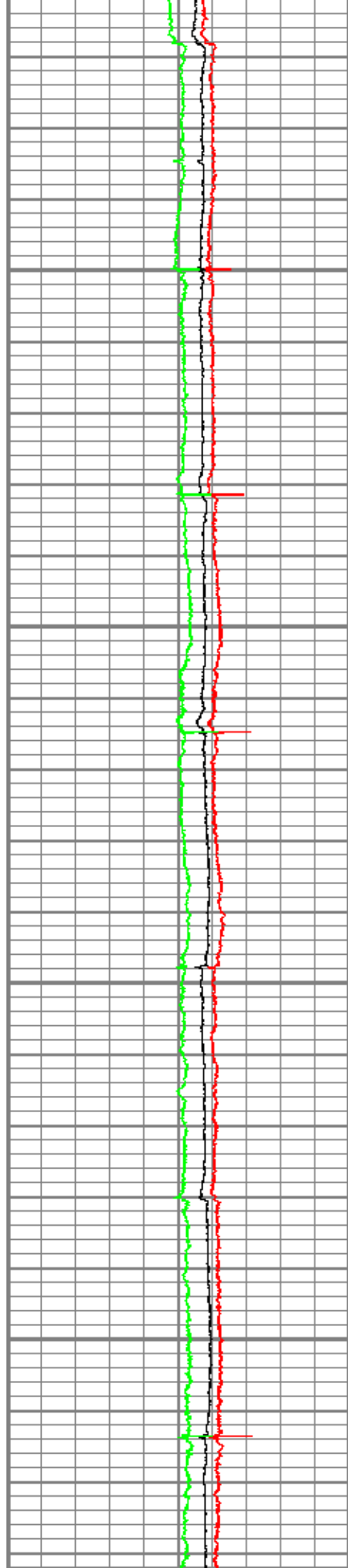
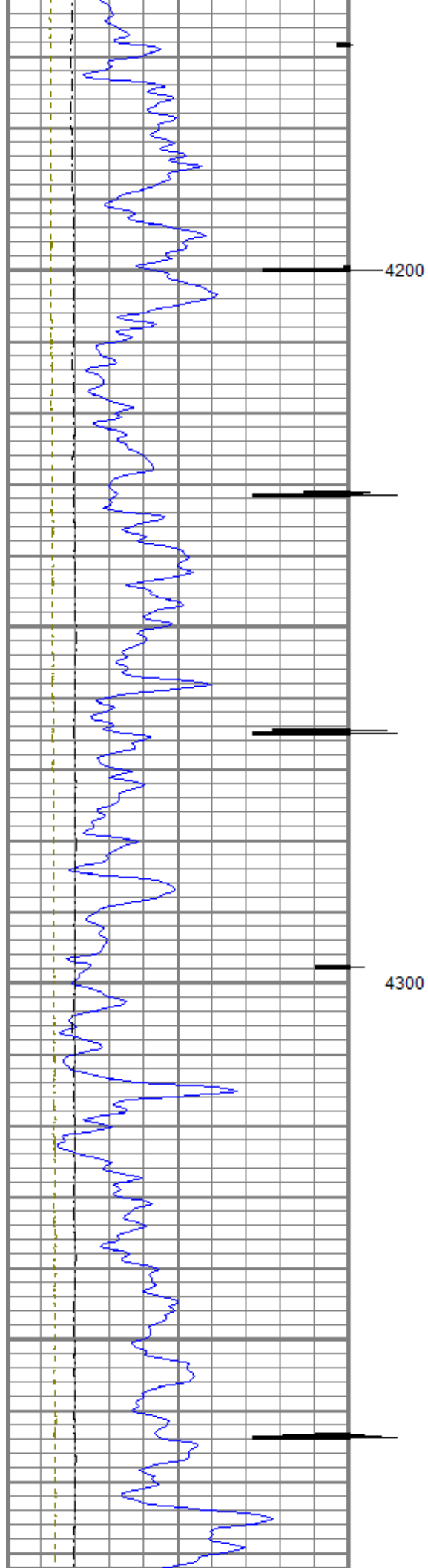


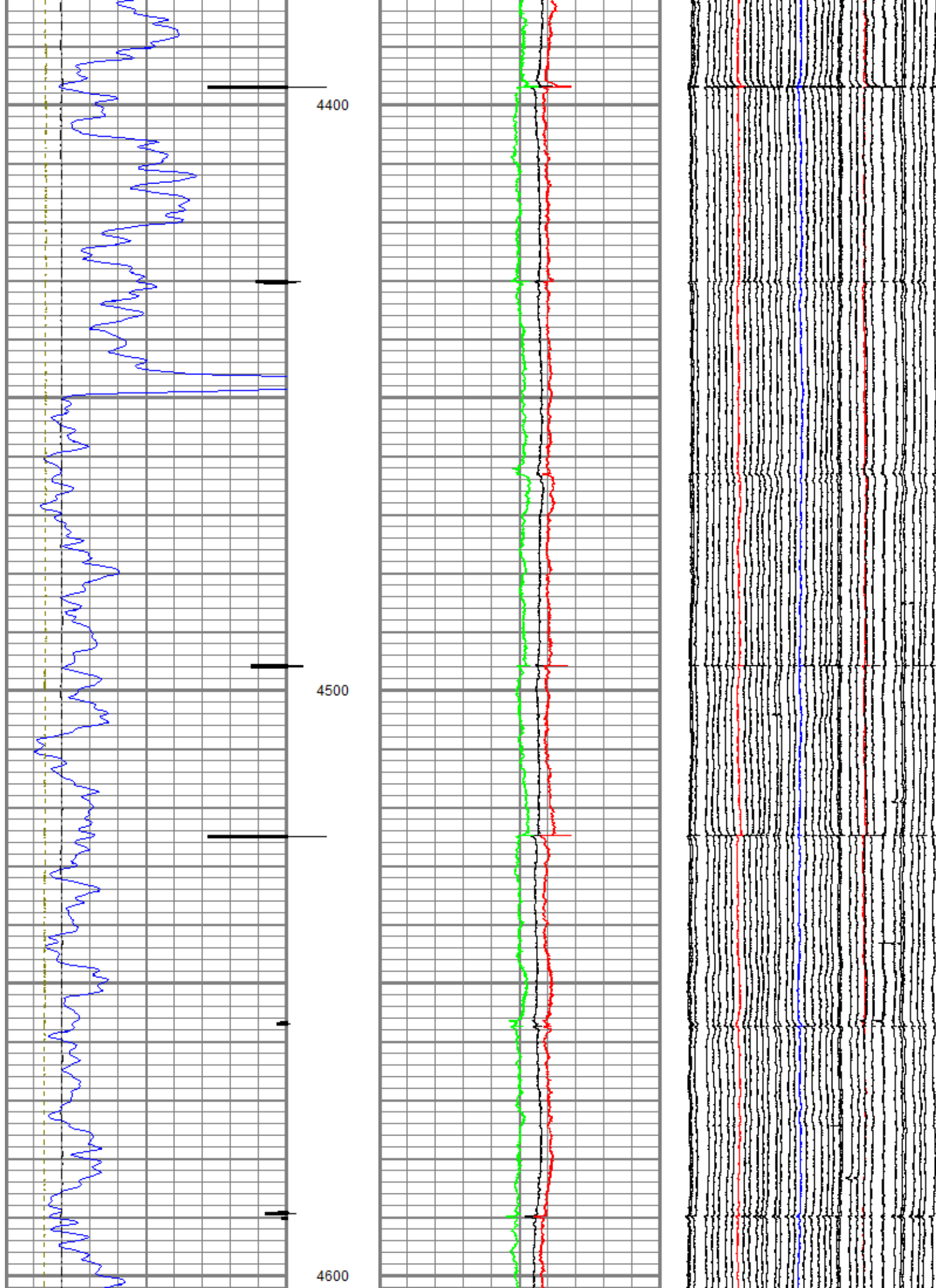


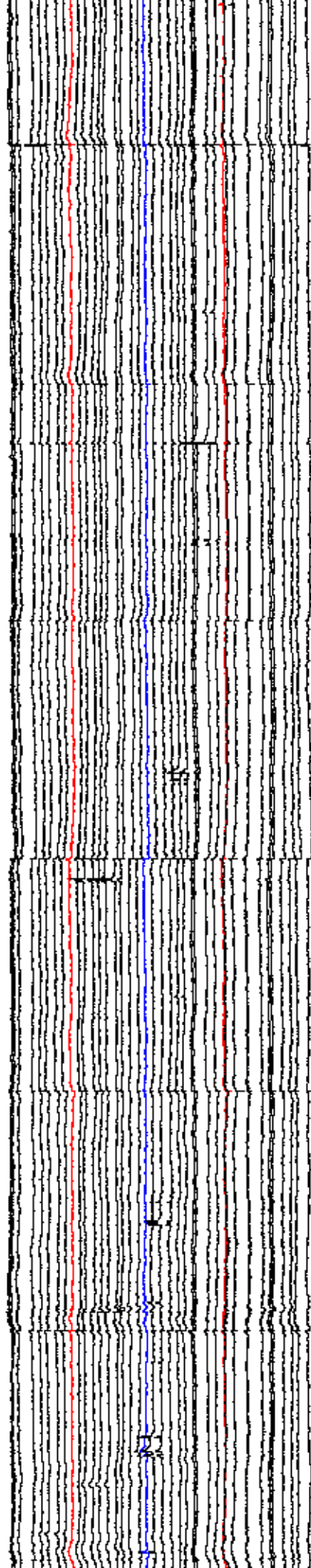
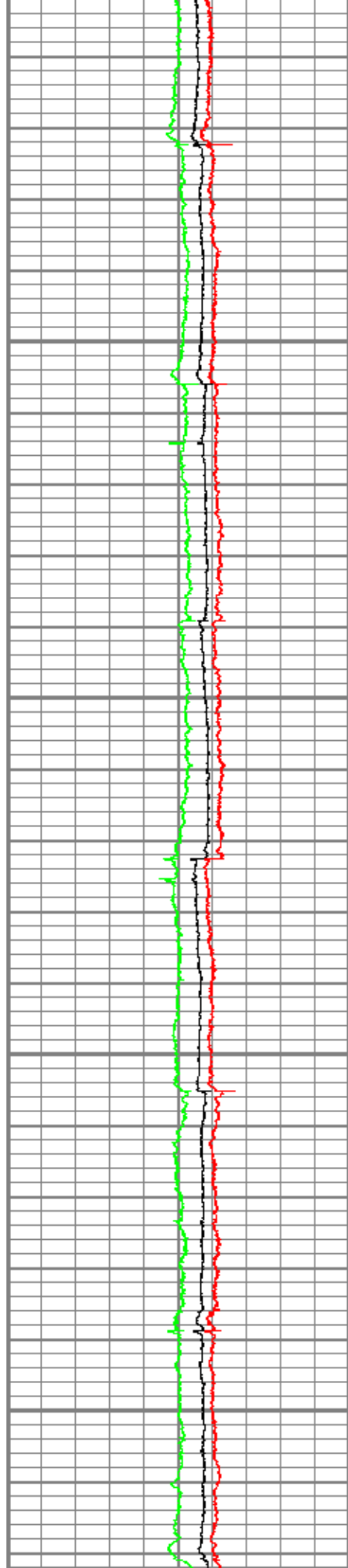
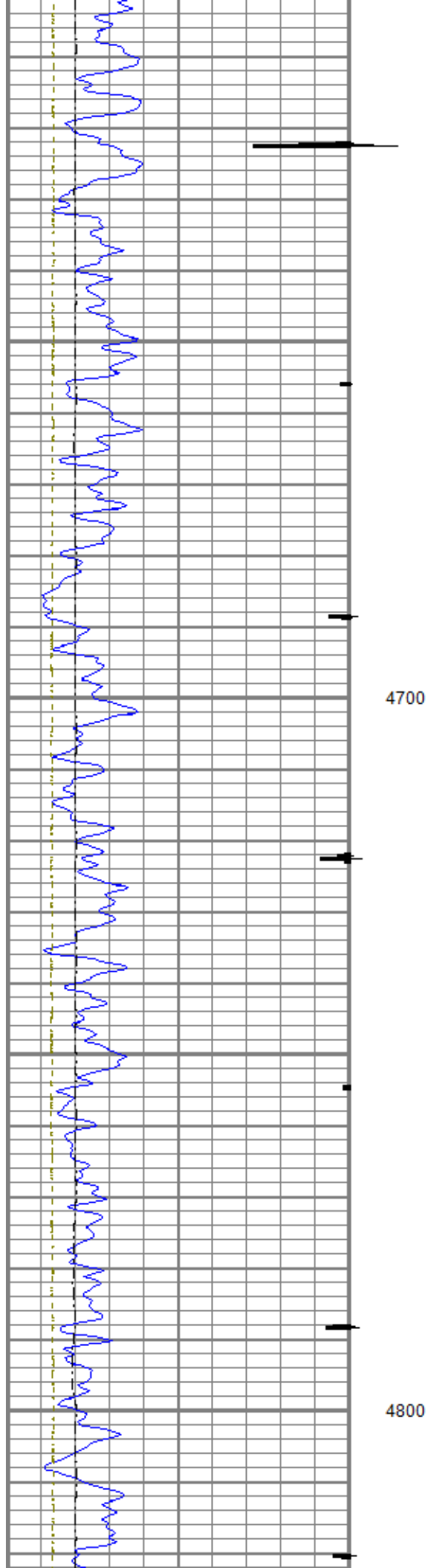


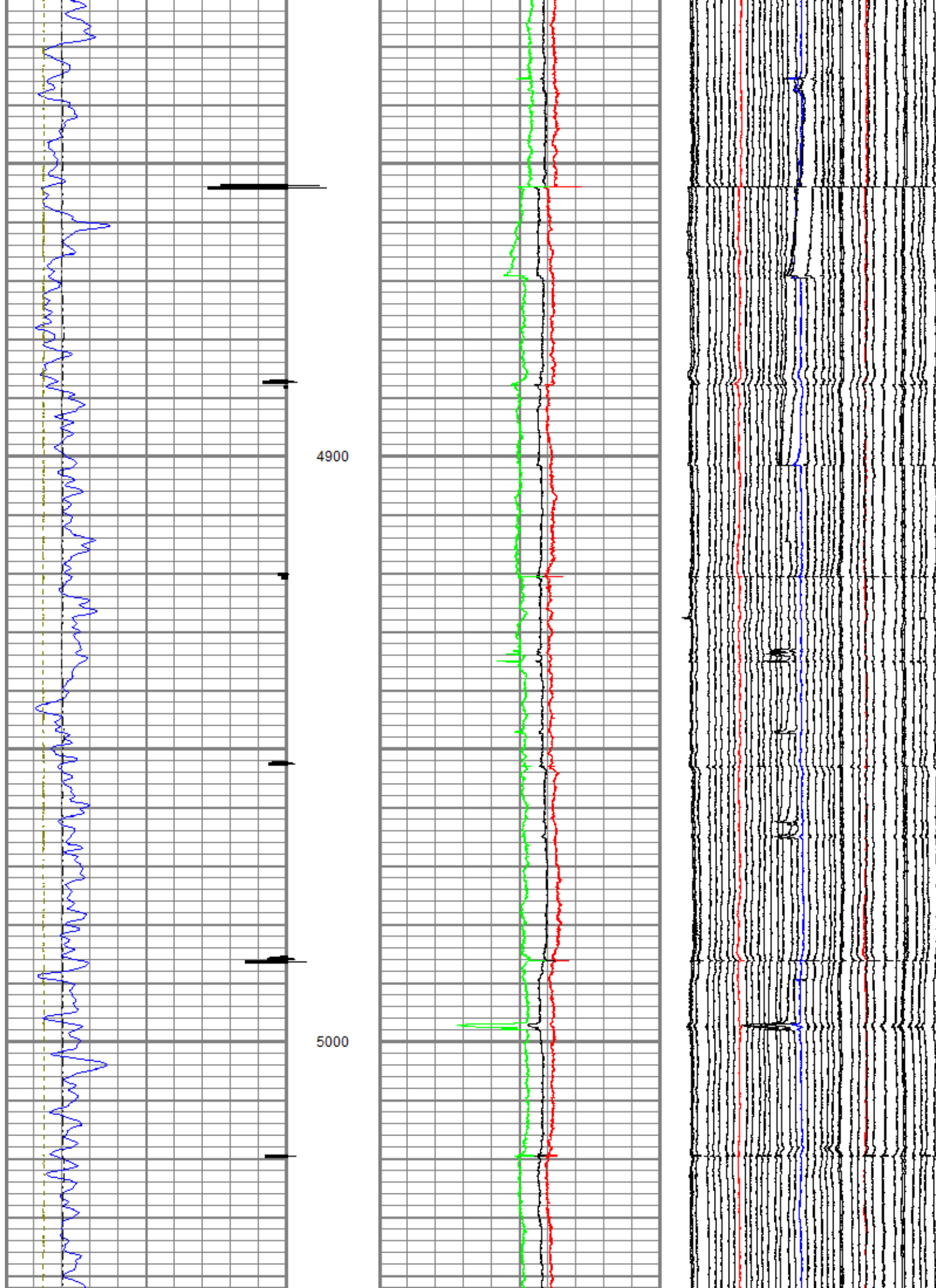


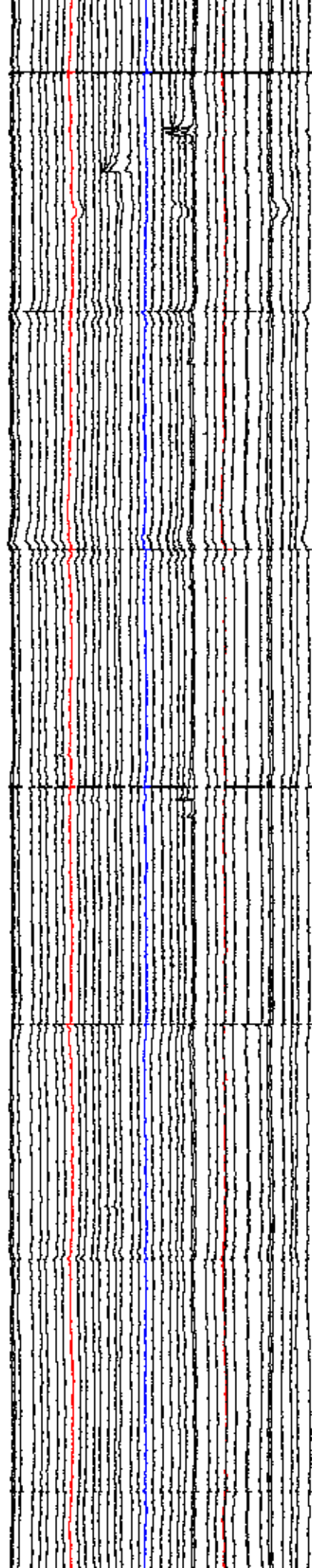
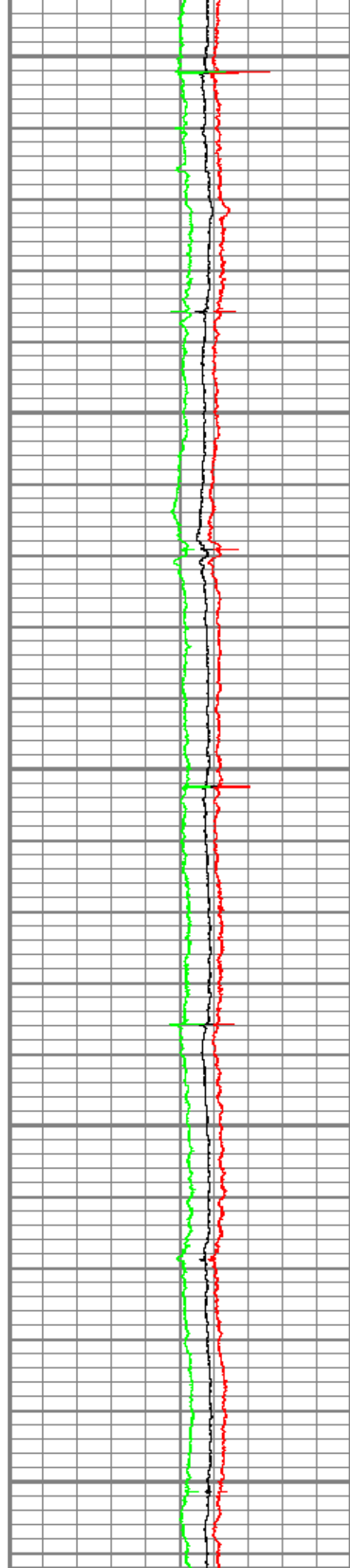
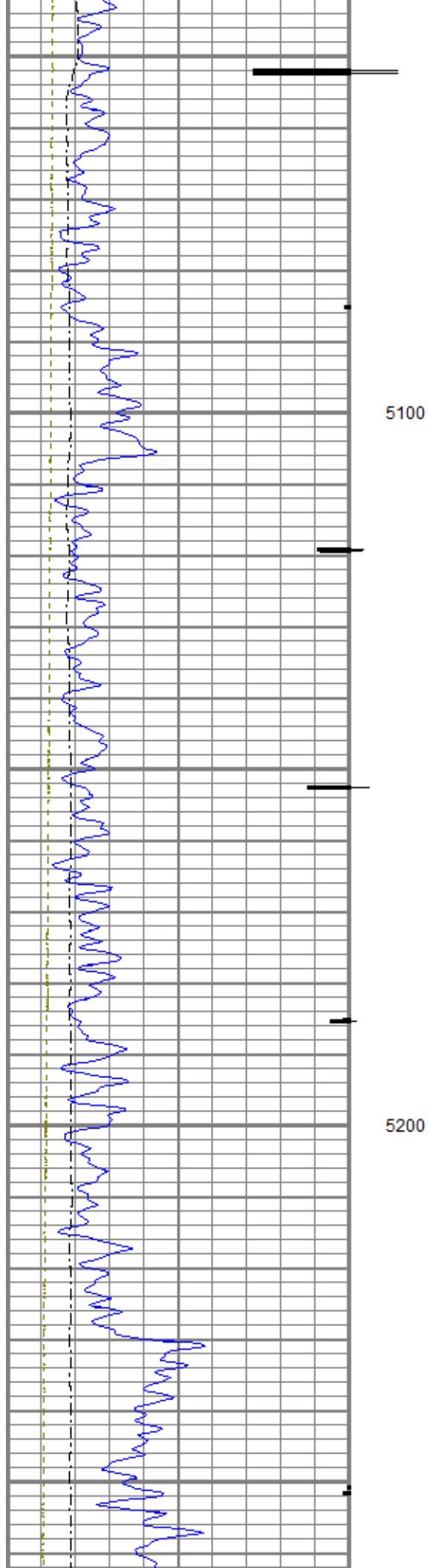


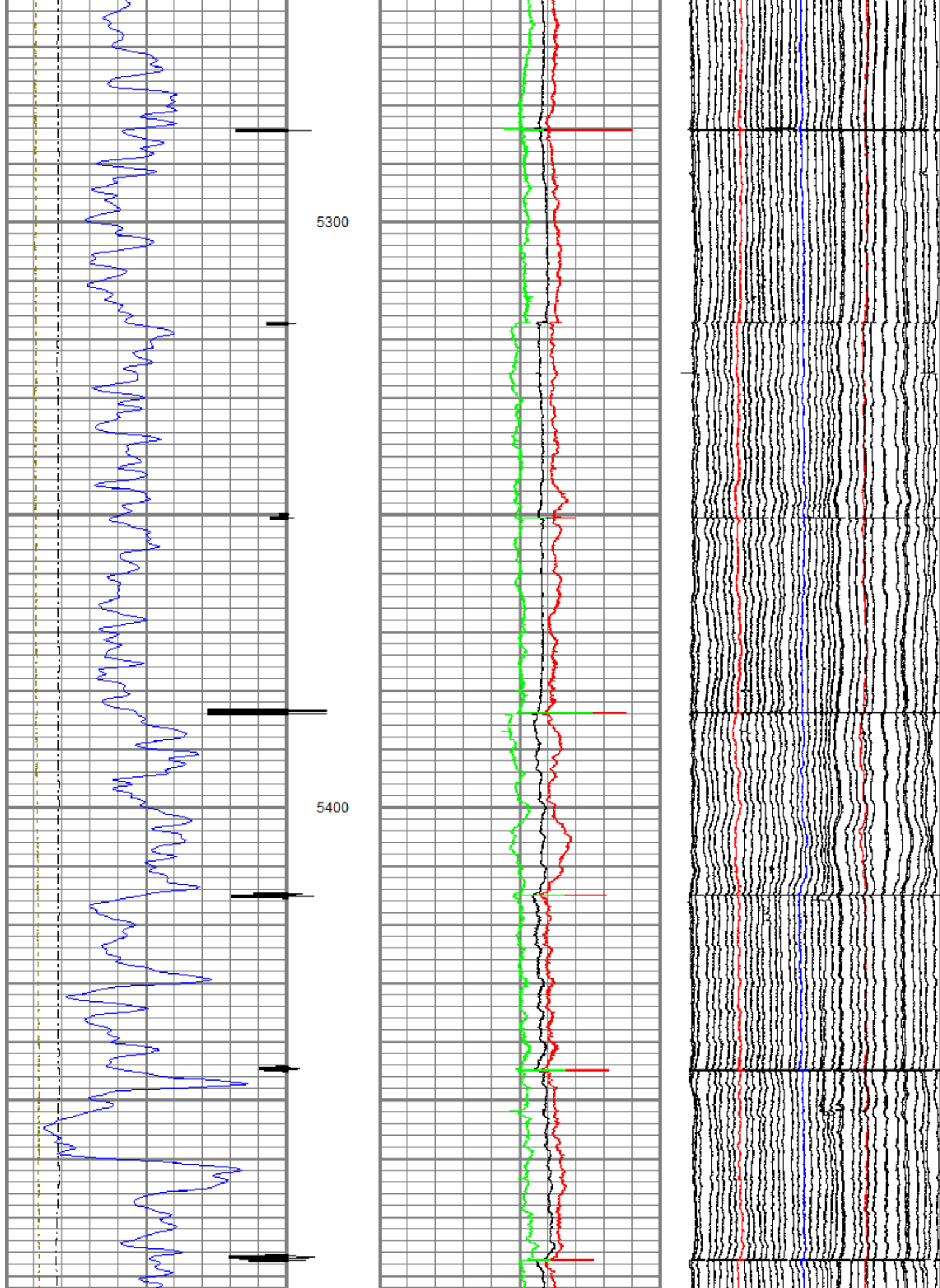


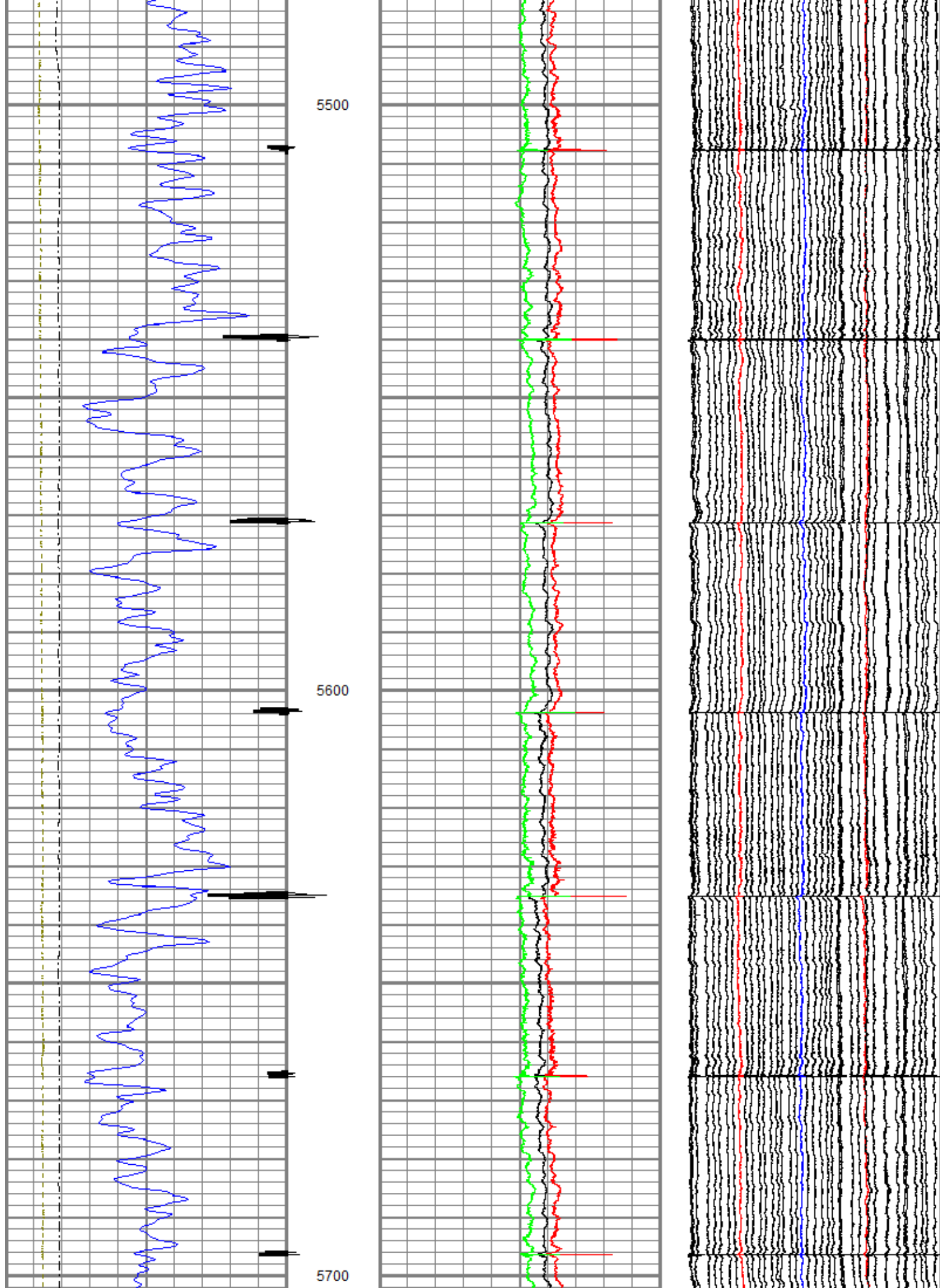


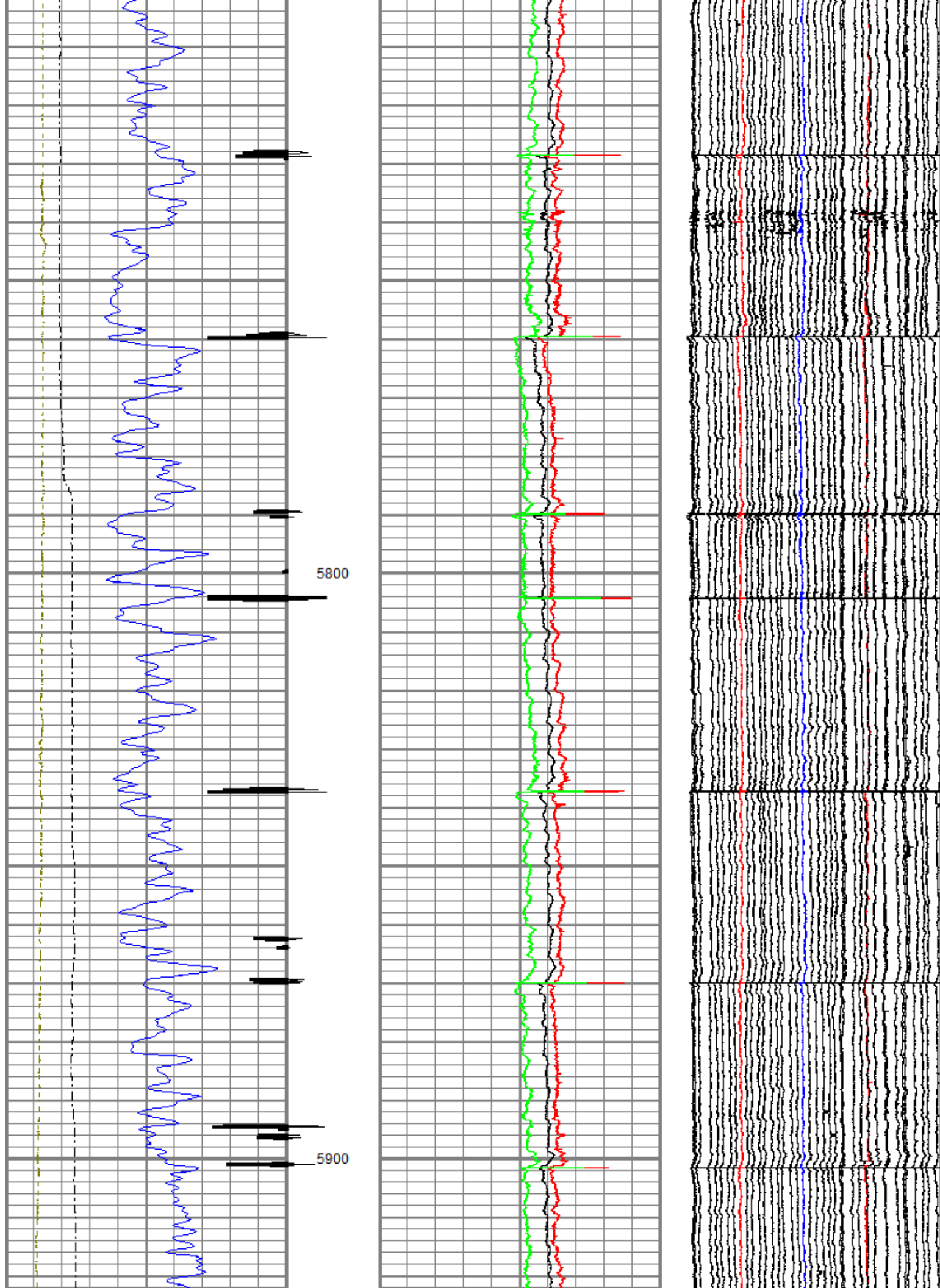


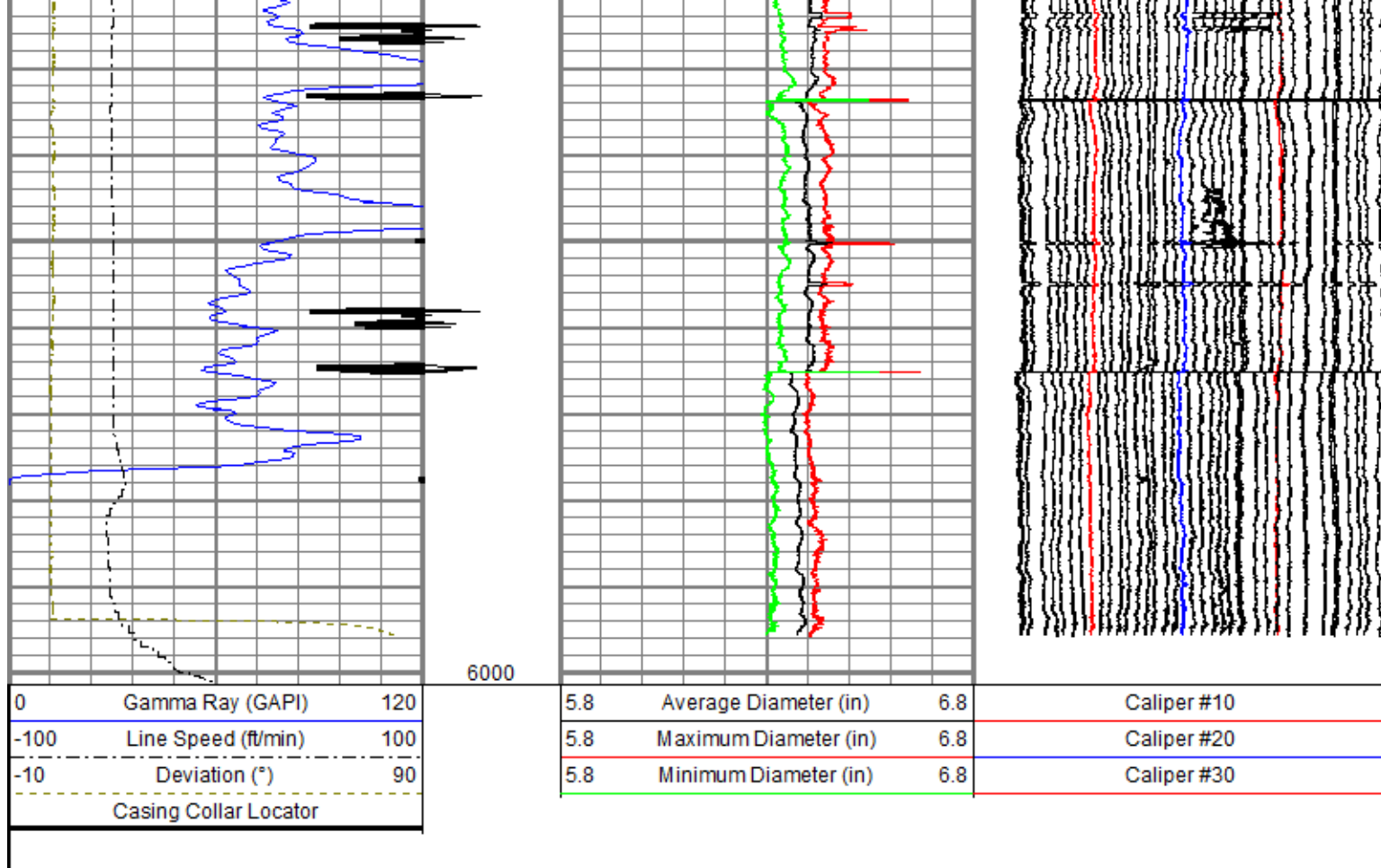




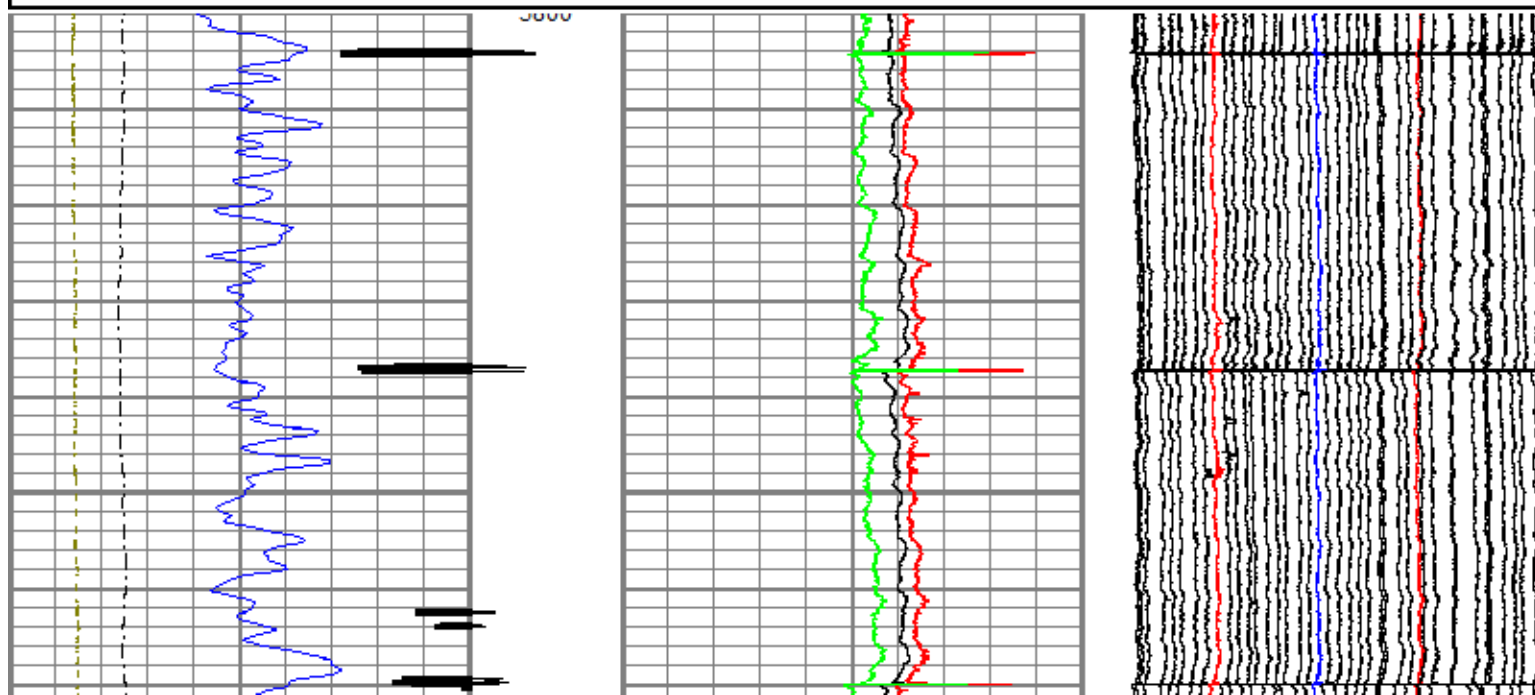
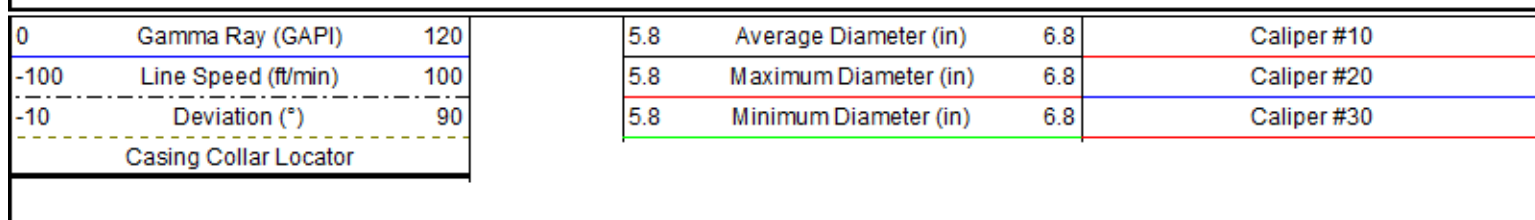


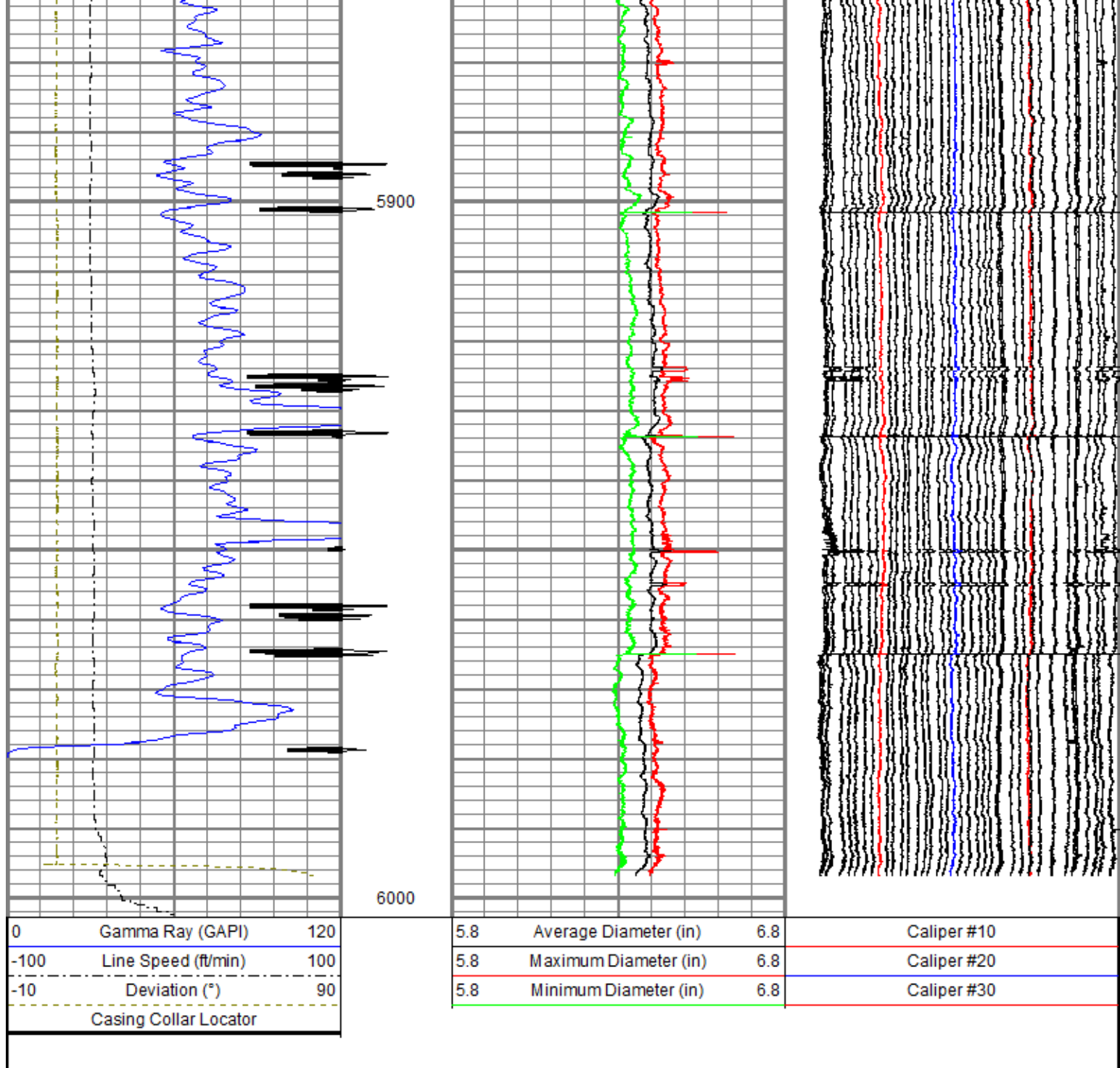



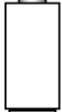





Database File: c9_25mb.db
 Dataset Pathname: pass7.1
 Presentation Format: 70mit40
 Dataset Creation: Mon Nov 16 18:43:08 2015 by Calc 7.0 B1
 Charted by: Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	24.42		T_CH14375_1_GO Titan 1-7/16" Assembled Electric Cable Head with 1" Fishing Neck	1.03	1.44	4.00
			UW_AGS-UW_AGS_001 (215017) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW_XTU-UW_XTU_002 (10010522) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			UW_PGR-UW_PGR_020 (211727) Production Gamma Ray	1.93	1.69	9.50
CCL	22.82		UW_CCL-UW_CCL_028 (10009470) Ultrawire 3-1/8" CCL	1.61	3.13	36.00
			UW_PRC #4 -DSSRAC (081) 2 3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00

				2-3/4" DSS 5 Arm Roller Centralizer			
WVF3FT	15.42			UW_RBT-UW_RBT_004 (10022773) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.47	3.13	140.00
WVFS1	15.42						
WVFS2	15.42						
WVFS3	15.42						
WVFS4	15.42						
WVFS5	15.42						
WVFS6	15.42						
WVFS7	15.42						
WVFS8	15.42						
CBLTEMP	15.42			UW_PRC-DSSRAC (080) 2-3/4" DSS 5 Arm Roller Centralizer	2.55	2.75	32.00
CBLROT	15.42						
WVF5FT	14.42						
MIT	5.41			UW_MIT-UW_MIT40_042 (10012912) 40 Multifinger Imaging Tool	4.54	2.75	61.10
				UW_PRC #3 -UW_PRC_057 (1038) Sondex 2-3/4" 4-Arm Production Roller Centraliser	2.98	2.75	32.00
TSTAMP	0.00						
ITEMPX	0.00			UW_BUL-UW_BUL_006 (218707) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20
HVOLT	0.00						
Dataset: c9_25mb.db: field/well/run1/pass8 Total Length: 28.67 ft Total Weight: 355.30 lb O.D. 3.13 in							

	Company	Chevron USA Inc.	
	Well	M.B. Larson #C9 X 25	
	Field	Rangely	
	County	Rio Blanco	
	State	Colorado	Country