

Schlumberger

VISION Resistivity

1:500 Measured Depth

Real Time Data

Company: ROC Oil

Well: Basker 7

Field: Gippsland Basin

Rig Name: Ocean Patriot

State: Victoria

Country: AUSTRALIA

Latitude: 38° 17' 58.78" S

Longitude: 148° 42' 22.31" E

Block:

FL: Gippsland Basin

FL1: VIC/L26

FL2:

Custom: 09ASQ0007

Rig Name: Ocean Patriot

Rig Type: Semi-Submersible

Log Measured From - Drill Floor: 21.5 m
Permanent Datum - Mean Sea Level



Casing Flange: 152.7 m

Ground Level: 154.2 m

Acquisition Dates: 26 Jul 09

Print Interval: 1050.0(m) to 2919.0(m)

Index Types: Measured Depth

Index Scales: 1:500

Depth Source: Driller Depth

Depth Sensor: DES

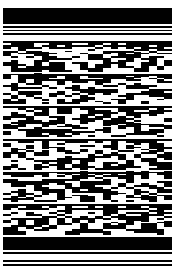
Conveyance: Drill Pipe

Print Type: Field

Spud Date:

Other Services:

Directional Surveys



Disclaimer

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Run 3

Software Version

Acquisition System		Version	
MaxWell		1.2.8702.0	
Application Patch		APL-SPC-DnMSuperKit-1.2.8702.1000	
Computation	Description	Version	
ARC8GammaRayComputation	ARC8 Gamma Ray Computation Package for both Real-time and Recorded Mode	1.2.8702.0	
ARCResistivity	ARC Resistivity Computation Package for ARC Tool Family	1.2.8702.0	
Tool Elements	Description	Software Version	Firmware Version
ARDC	ARC 8.25 Inch Tool Drilling Collar	1.2.8702.0	
DRILLING_SURFACE	DRILLING_SURFACE	1.2.8702.0	

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Acquisition Start Date	Acquisition Start Time
Run 3	Drilling	Down	1027.73 m		26-Jul-2009	15:32:43

All depths are referenced to toolstring zero

Log

Run 3: Drilling 15E746D0-31AC-427A-B9AB-BFF5284E2B17

Description: ARC Dual Frequency Resistivity RT Format: Log (MD_ARC Dual Resistivity 3-Log RT) Index Scale: 1:500 Index Unit: m Index Type: Measured
 Depth Creation Date: 29-Jul-2009 00:51:30

A40H	ARC8:ARC8:ARDC	6in - RT
CRPM	TELE825:TELE825	6in - RT
GR	ARC8:ARC8:ARDC	6in - RT
GR_CAL	ARC8:ARC8	6in - RT
P16H	ARC8:ARC8:ARDC	6in - RT
P28H	ARC8:ARC8:ARDC	6in - RT
P40H	ARC8:ARC8:ARDC	6in - RT
ROP5	DRILLING_SURFACE	6in - RT
STICK	TELE825:TELE825	6in - RT

└ GR_CAL - Calibrated Gamma Ray

└ P40H - Phase Shift Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected.

Phase Shift Resistivity 16 inch Spacing at 2 MHz, Environmentally Corrected.
(P16H)

0.2	ohm.m	2000
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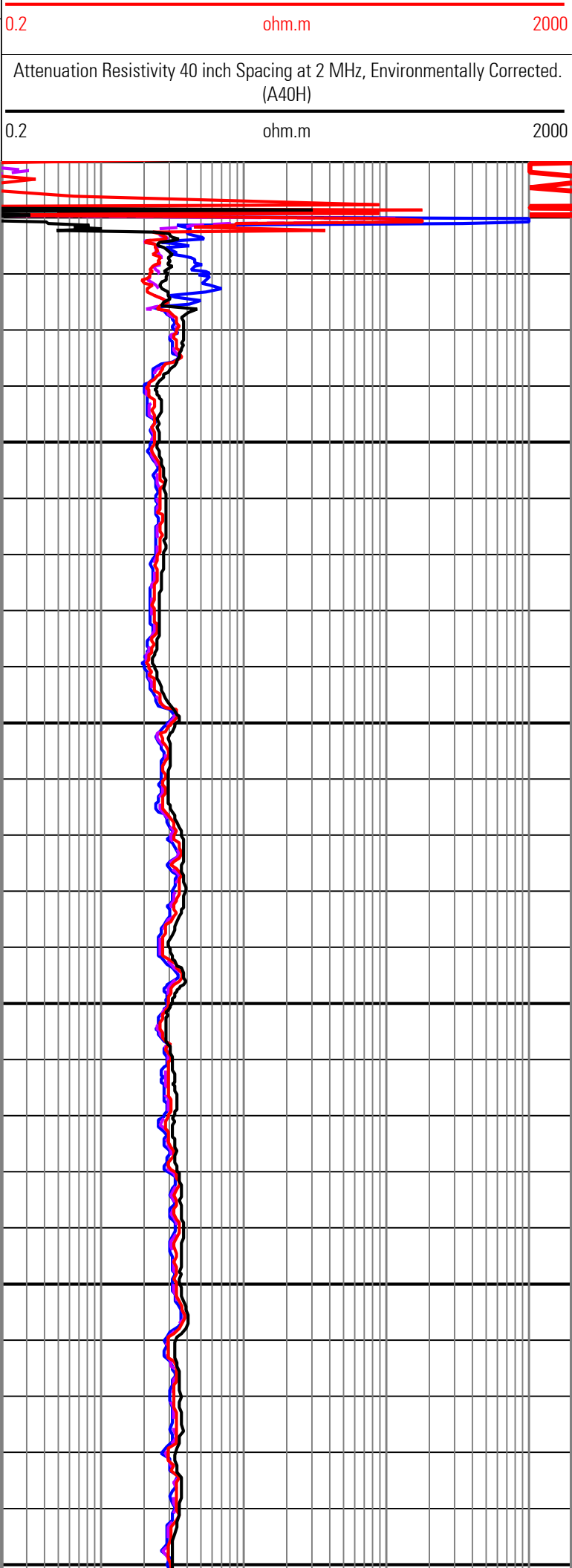
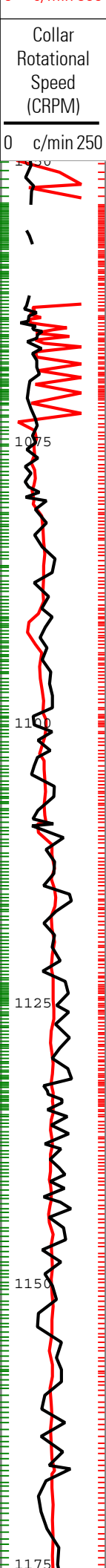
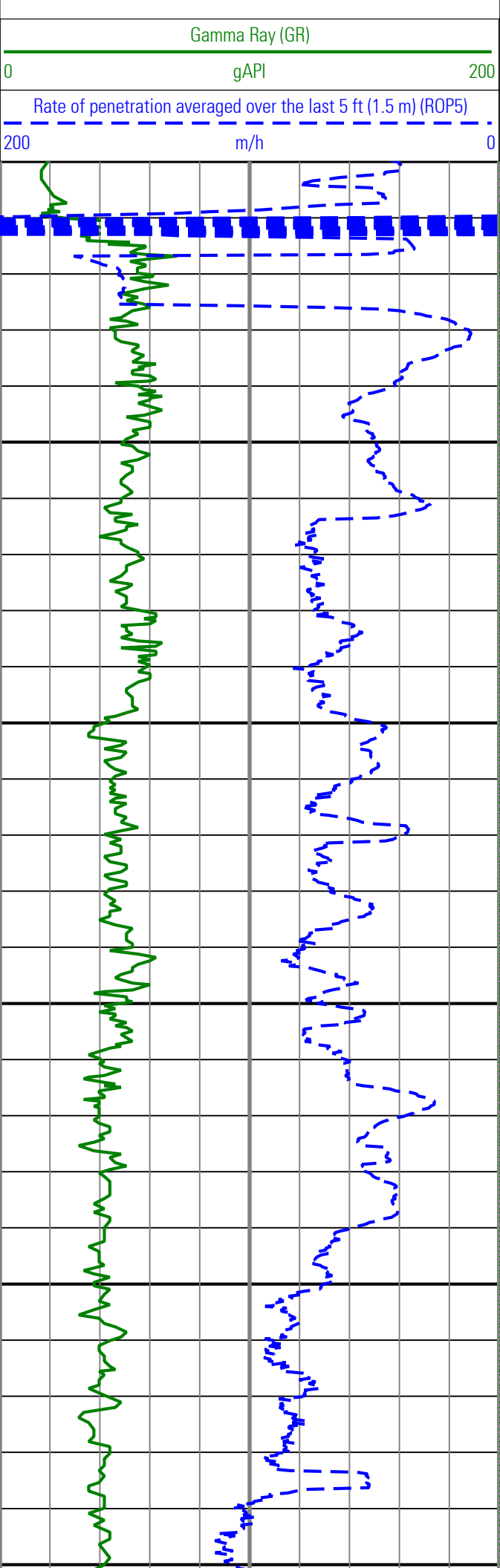
Phase Shift Resistivity 28 inch Spacing at 2 MHz, Environmentally Corrected.
(P28H)

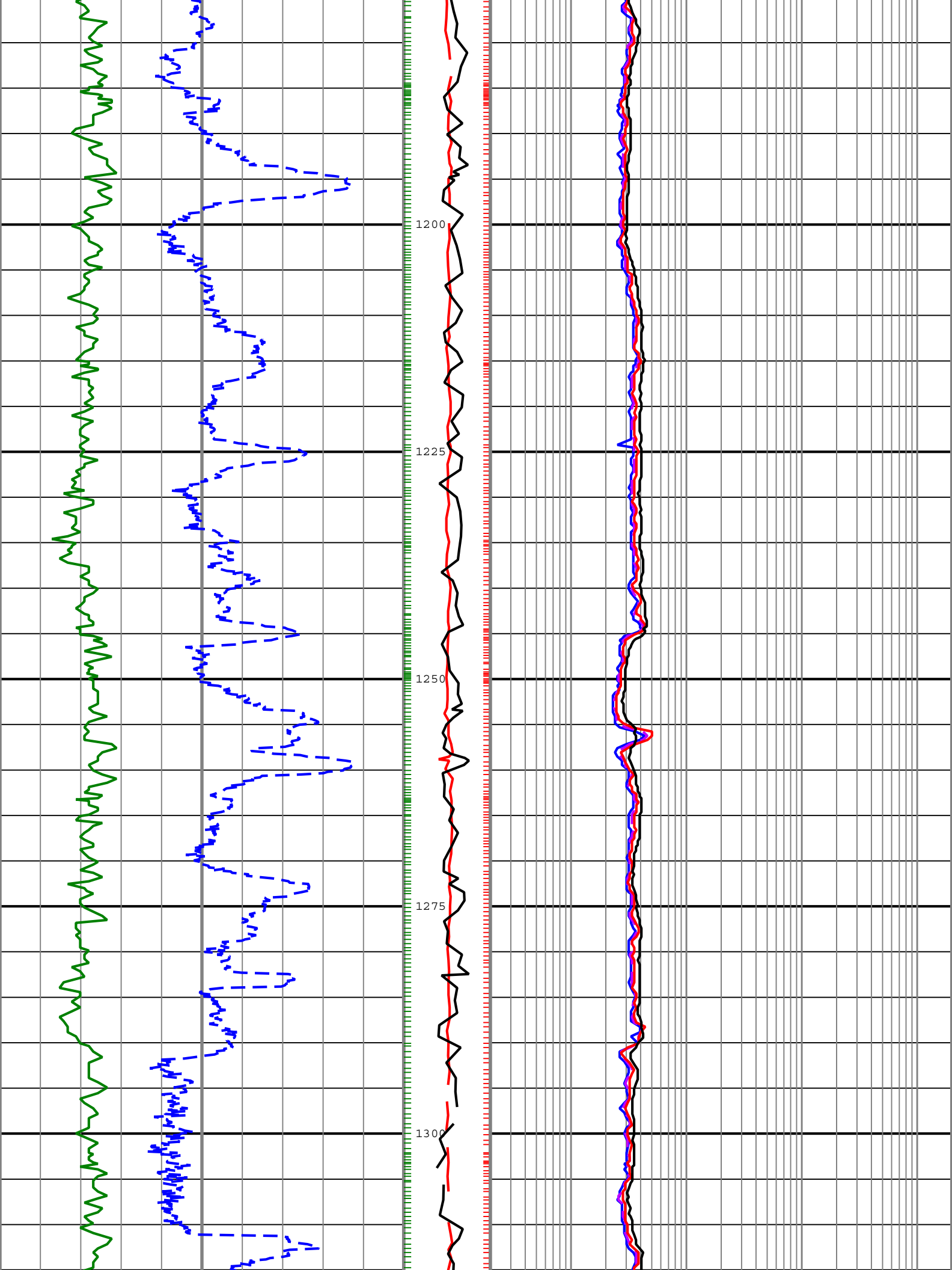
0.2	ohm.m	2000
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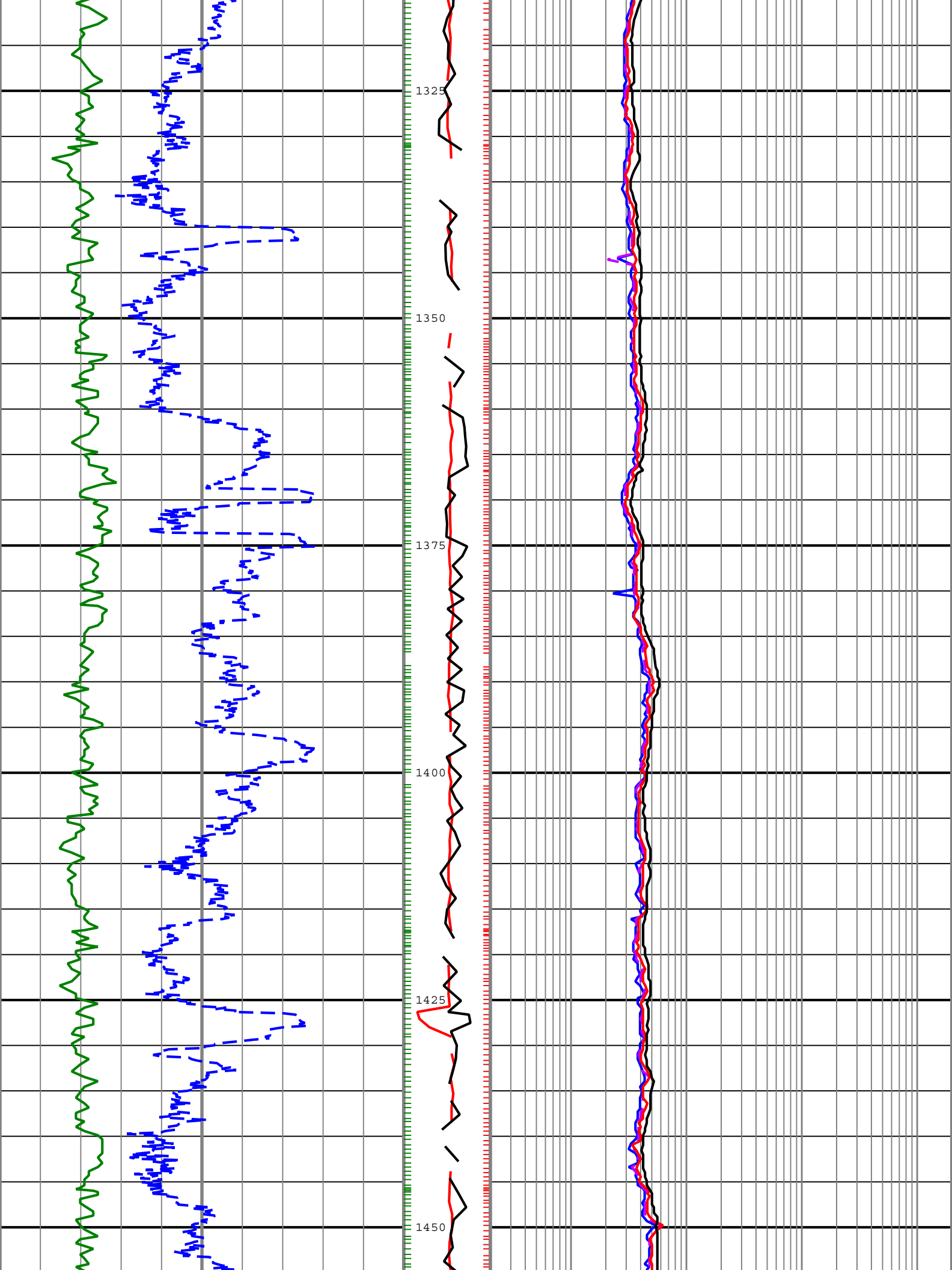
Phase Shift Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected.
(P40H)

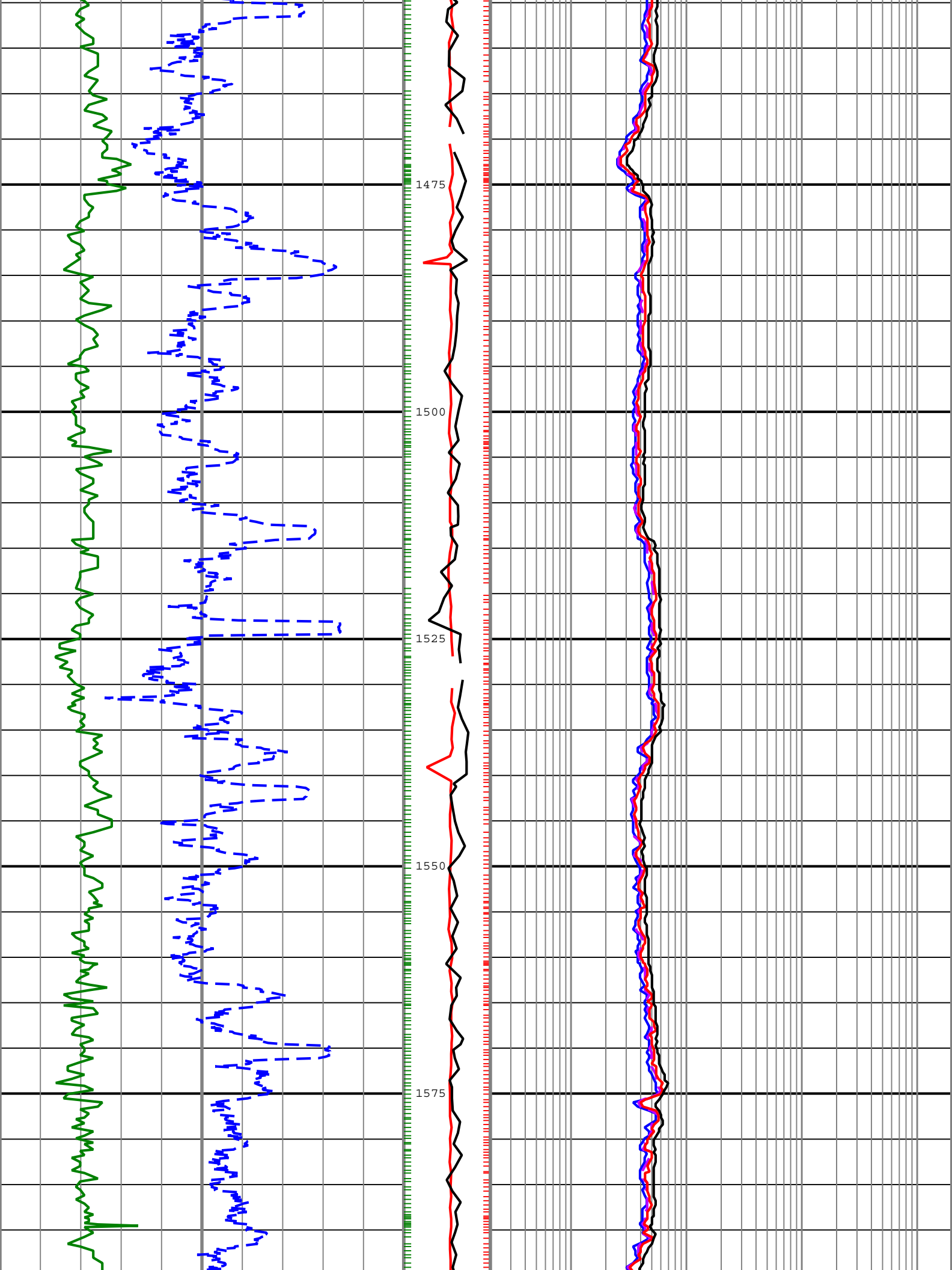
Stick Slip
Indicator
(STICK)

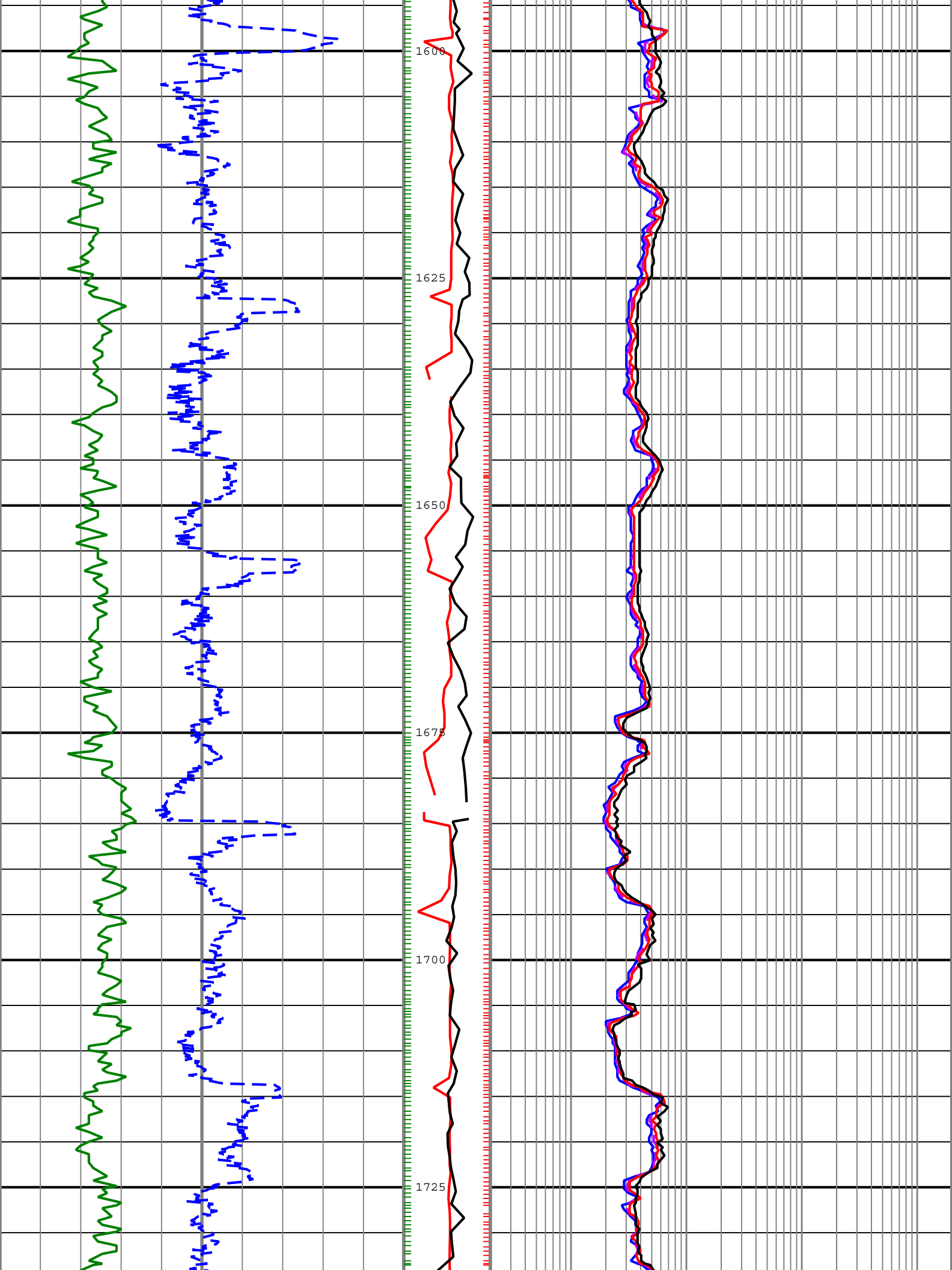
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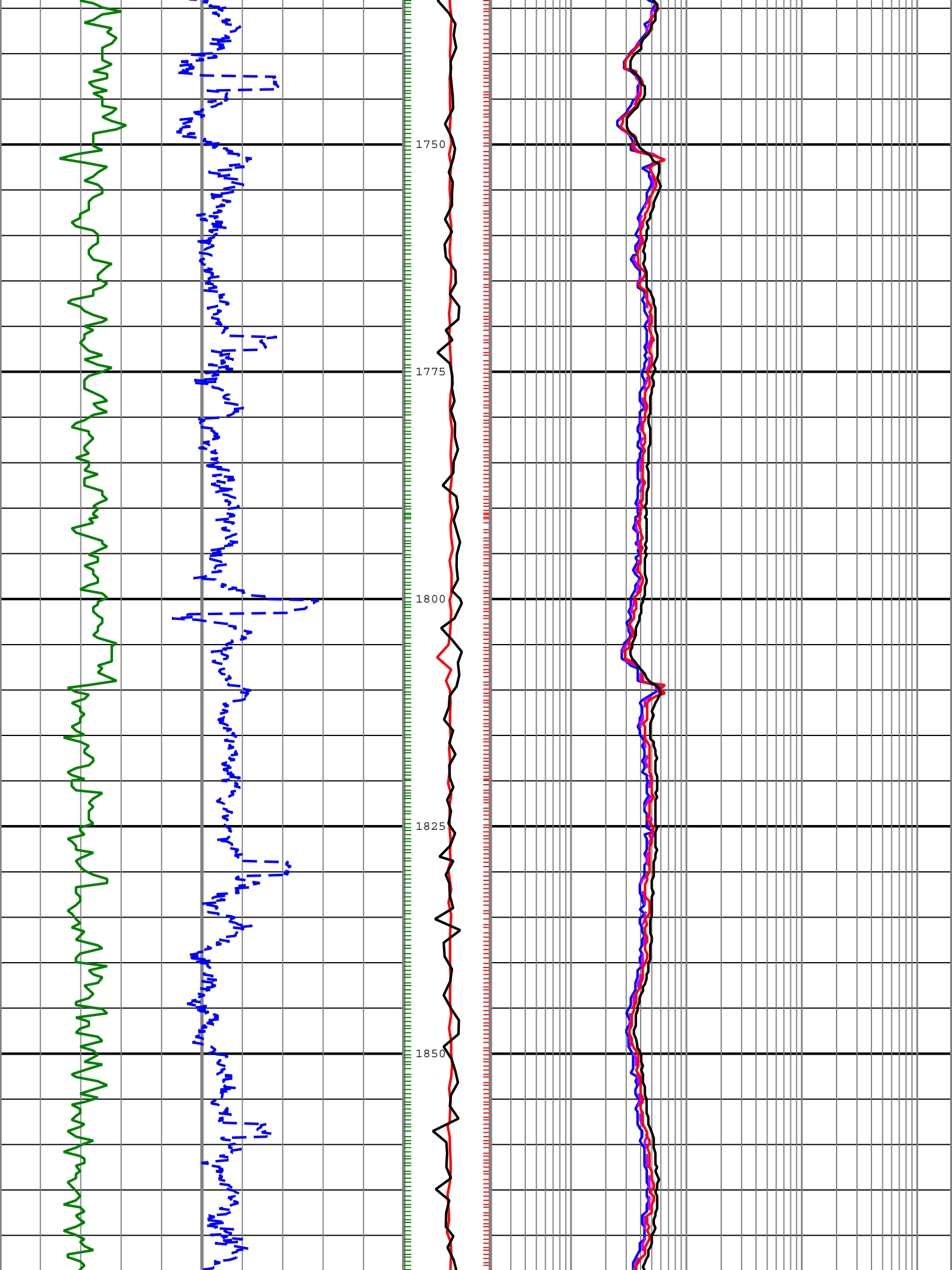


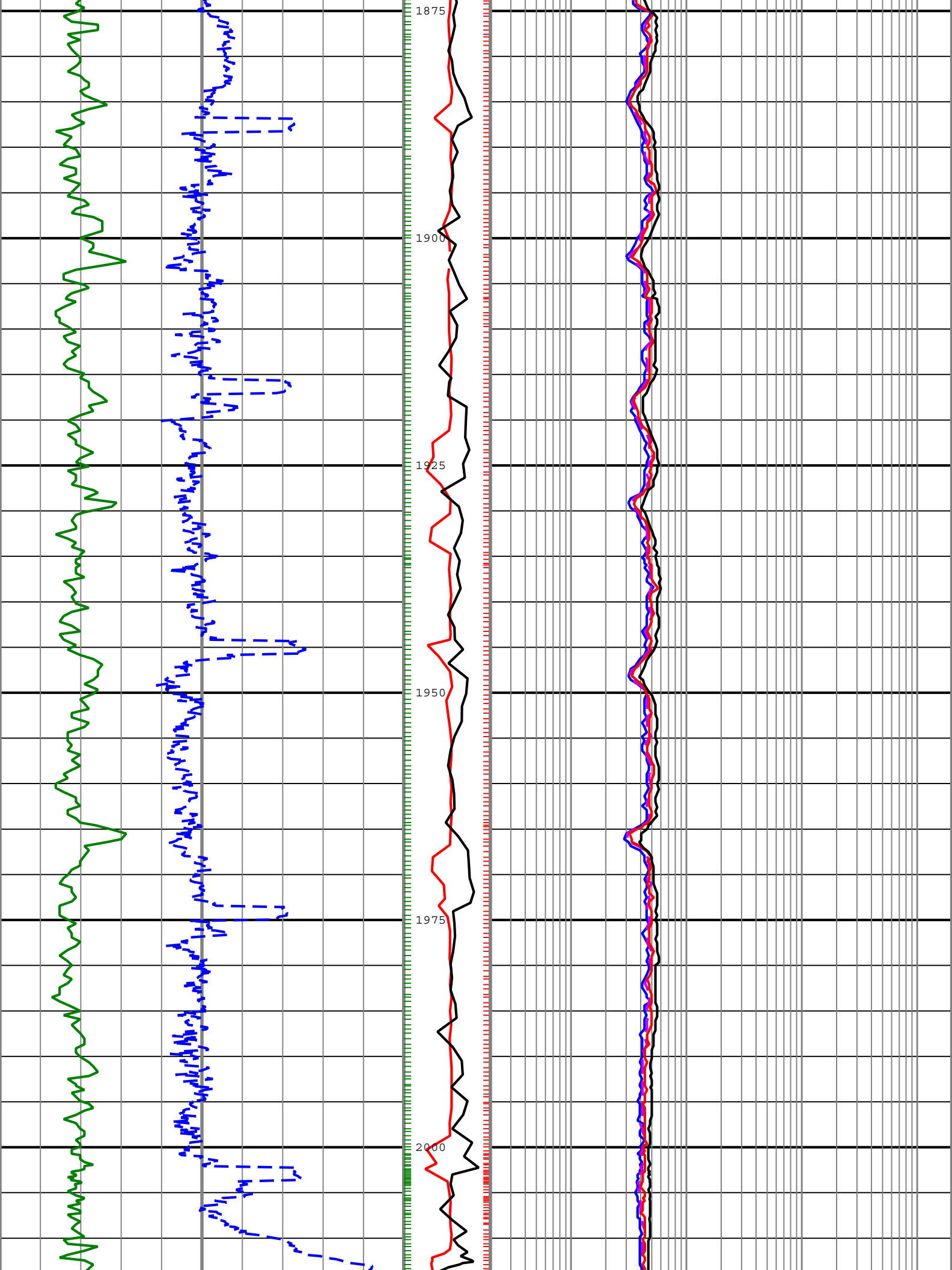


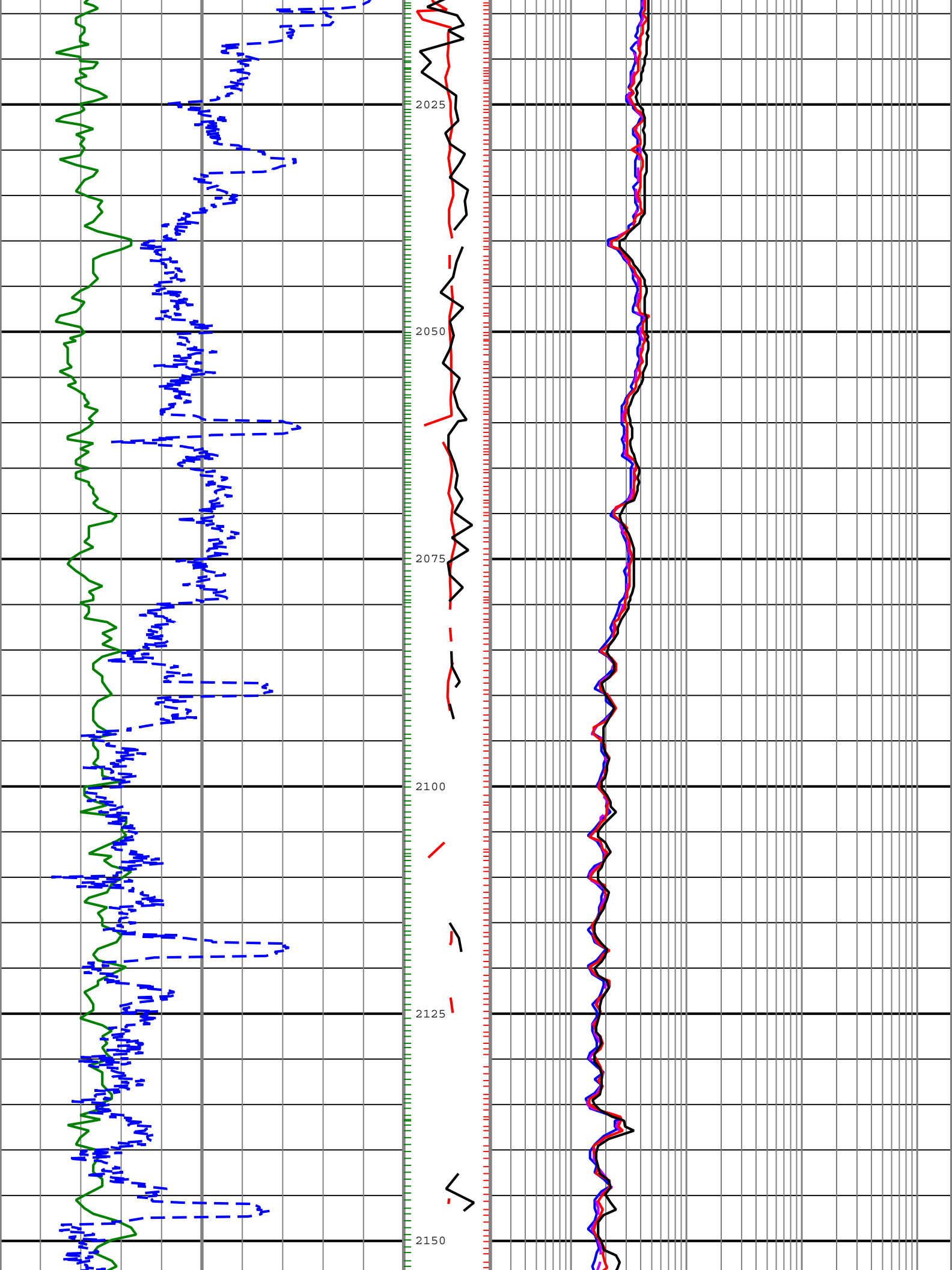


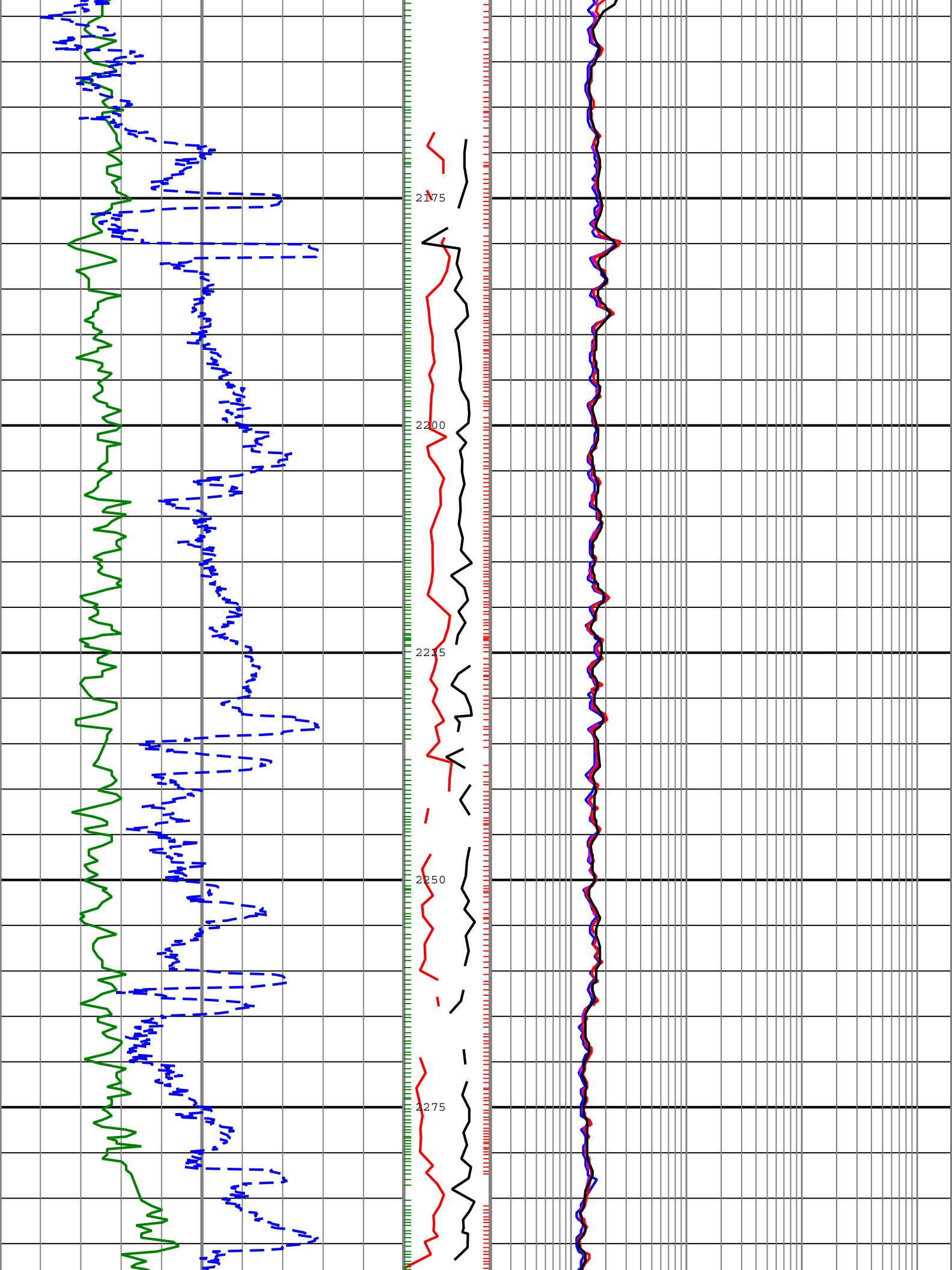


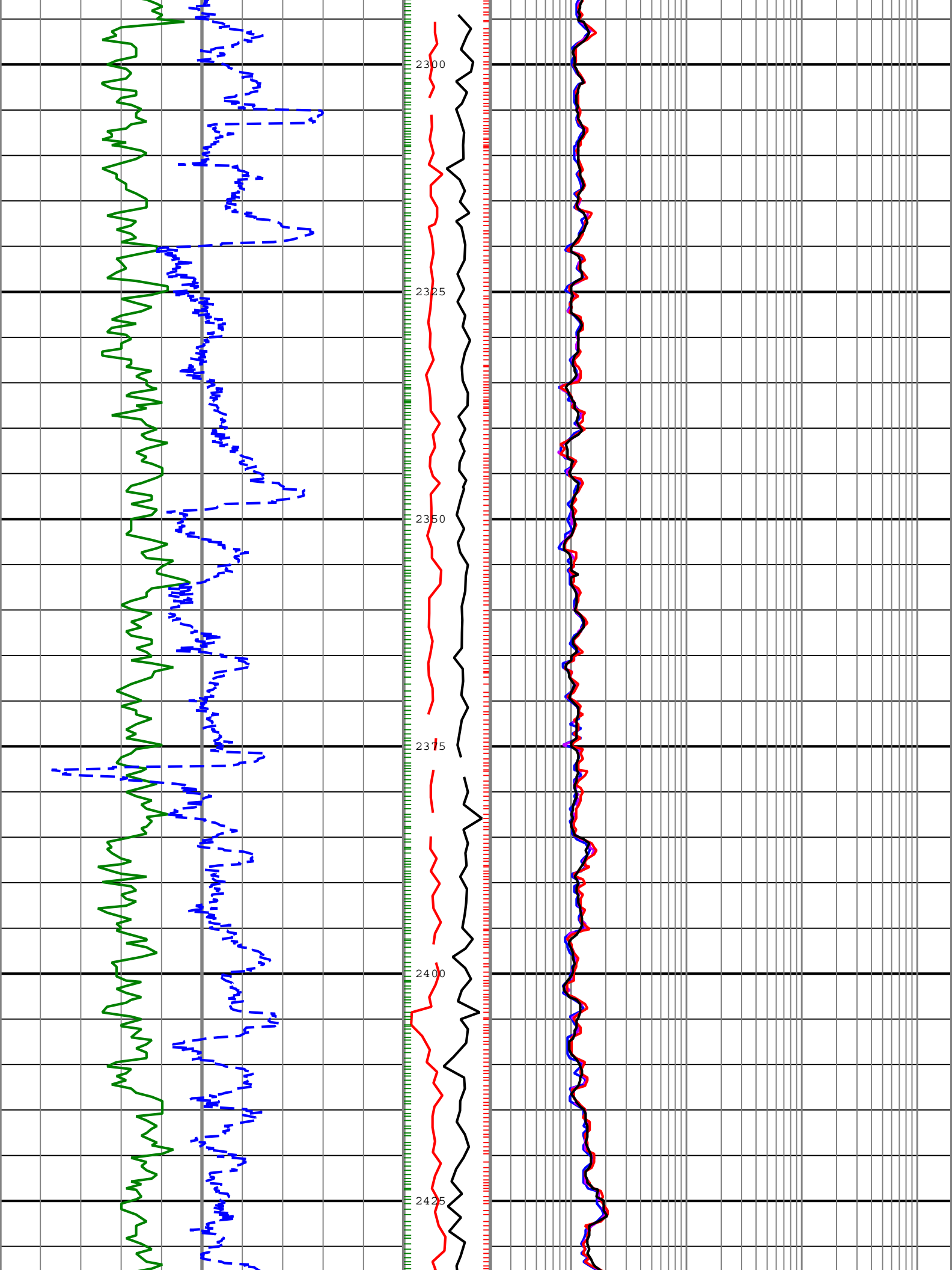


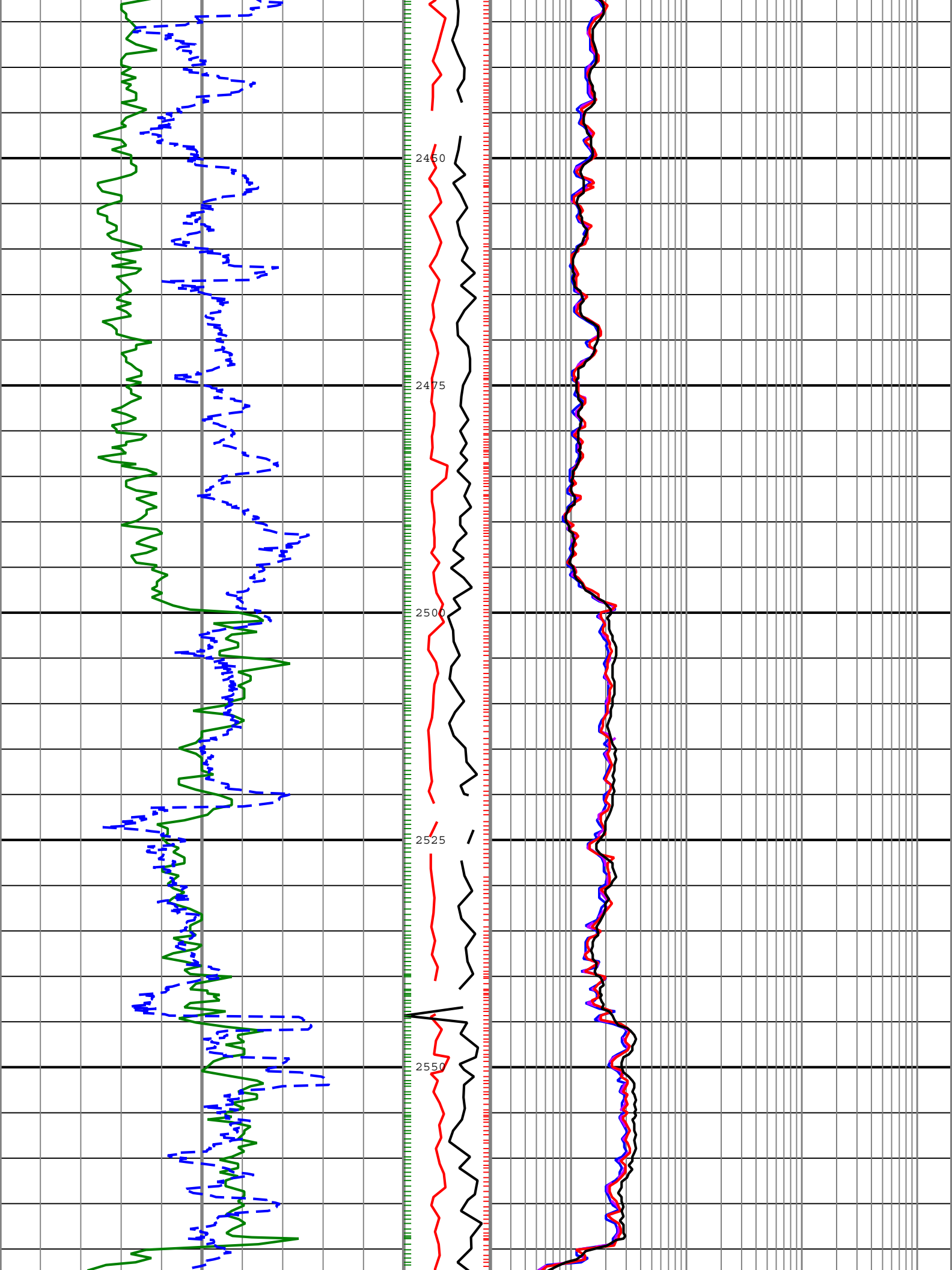


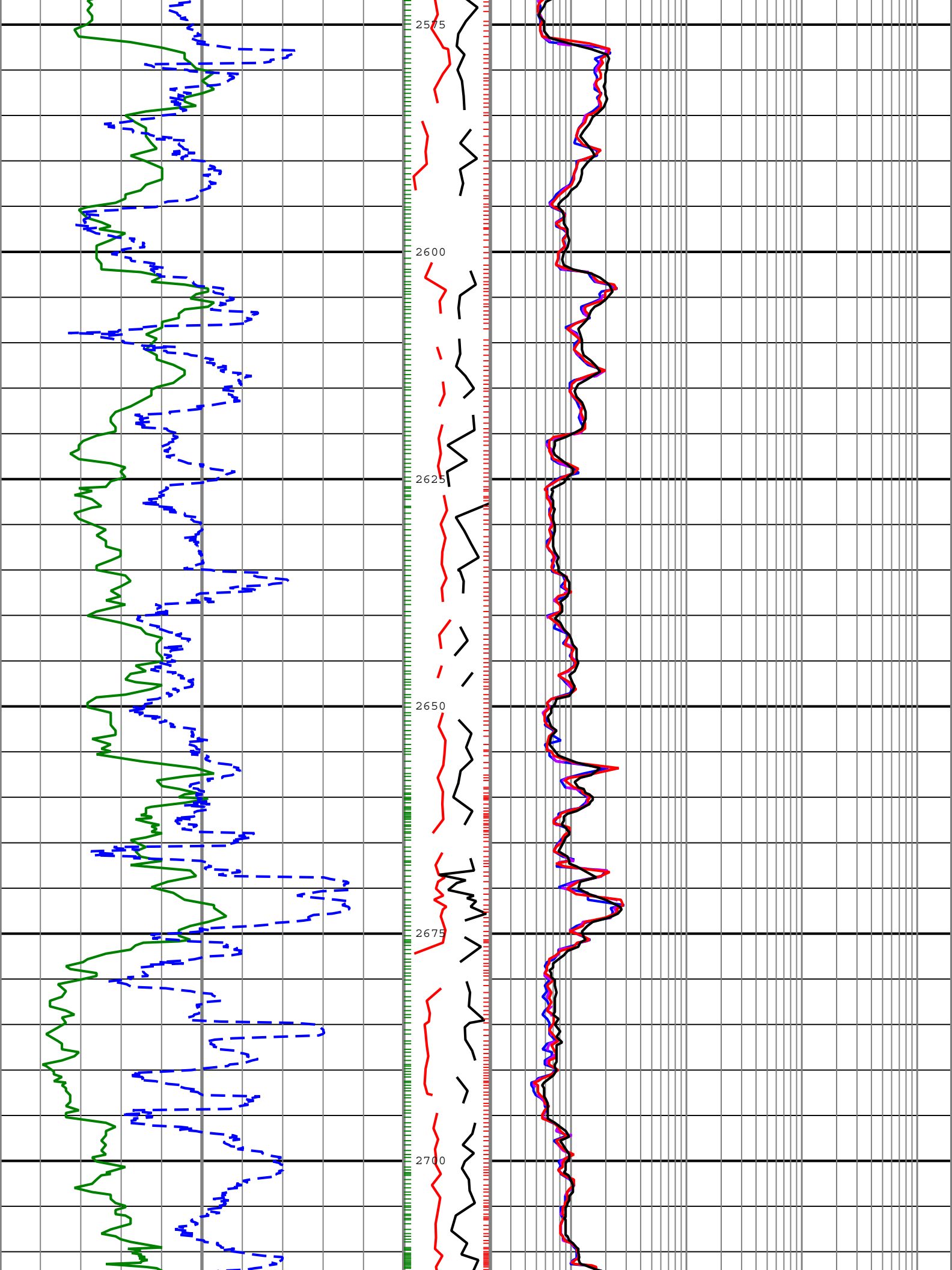


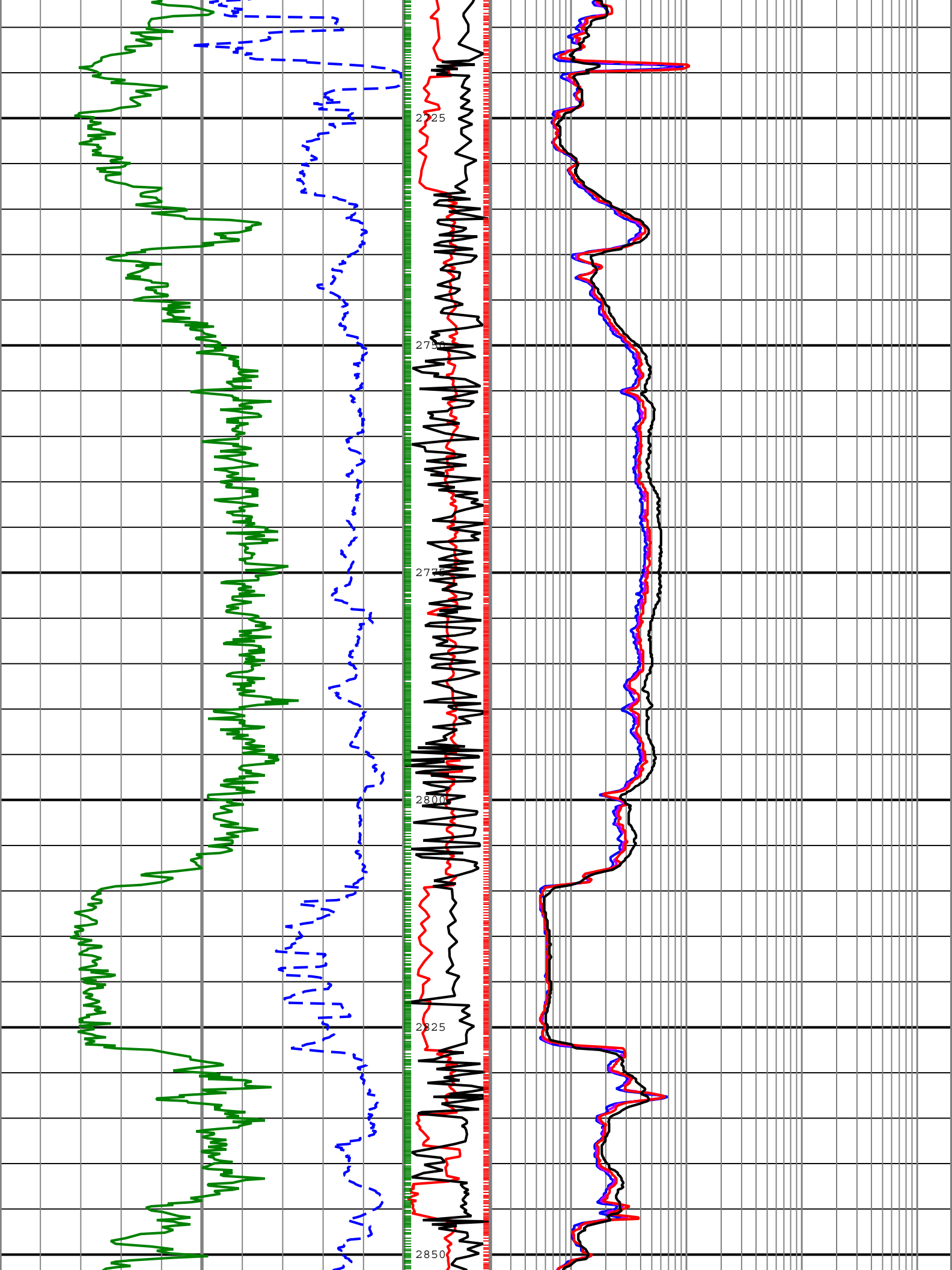


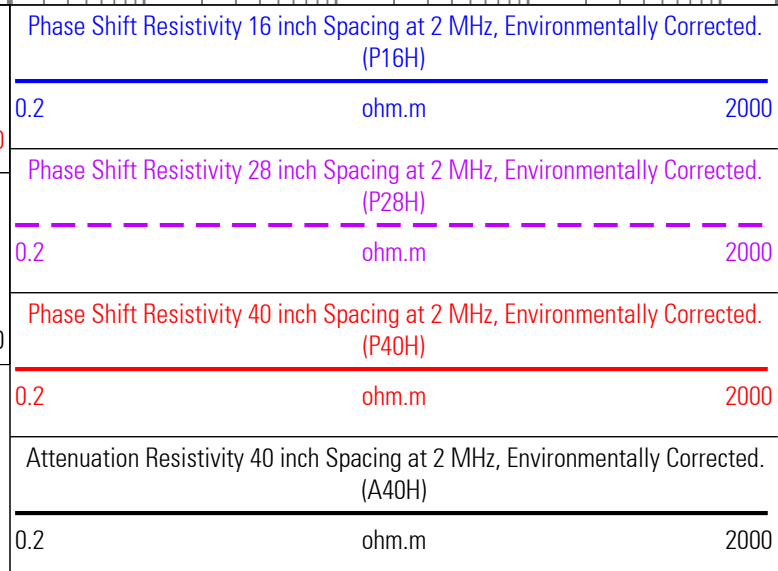
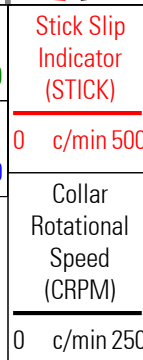
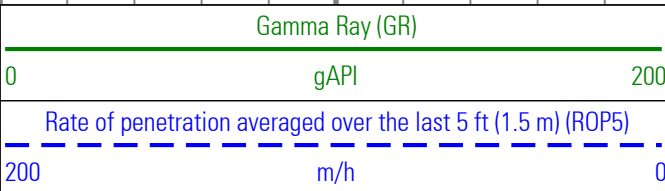
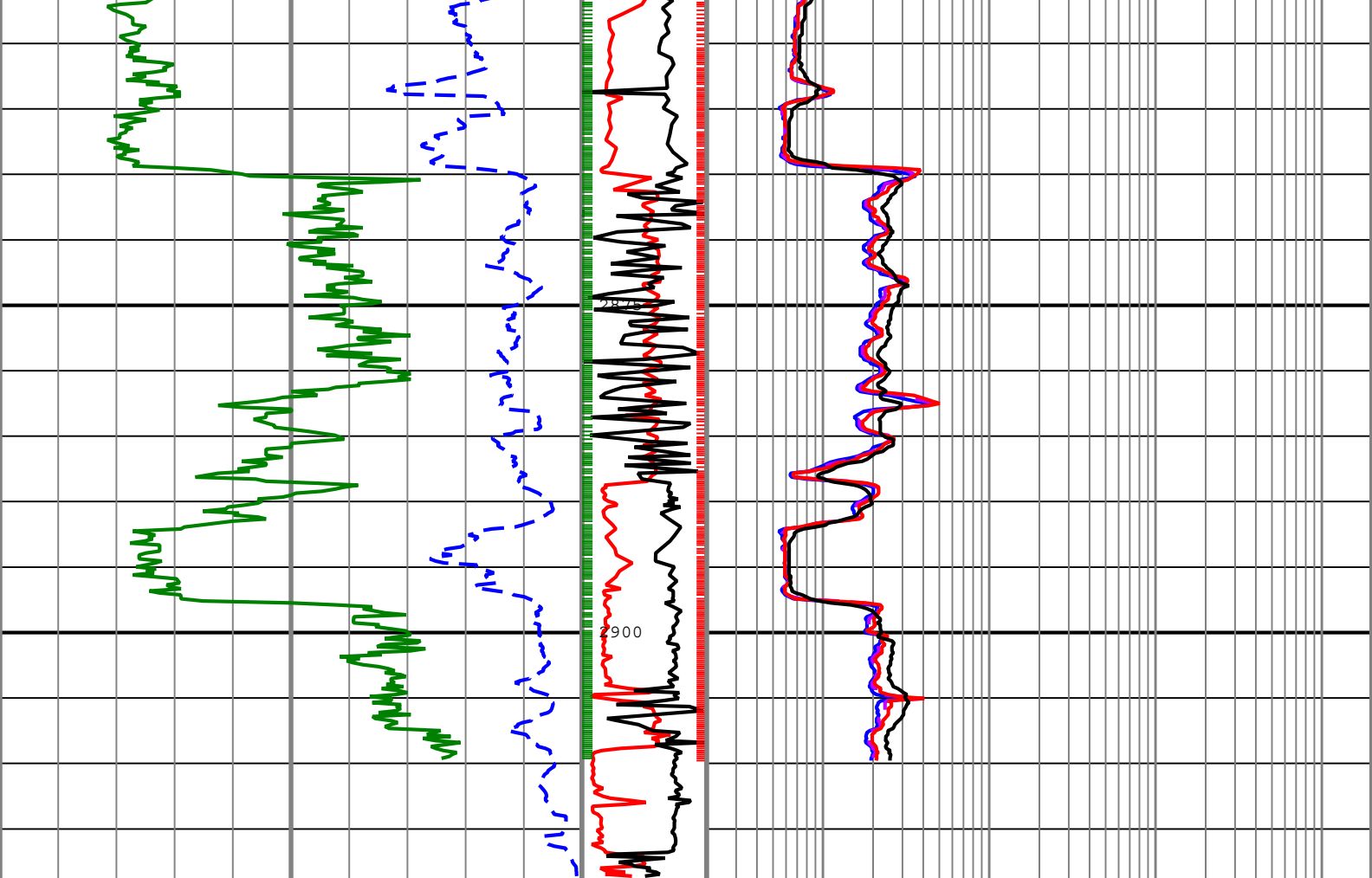












-P40H - Phase Shift Resistivity 40 inch Spacing at 2 MHz, Environmentally Corrected.

-GR_CAL - Calibrated Gamma Ray

Description: ARC Dual Frequency Resistivity RT Format: Log (MD_ARC Dual Resistivity 3-Log RT) Index Scale: 1:500 Index Unit: m Index Type: Measured
 Depth Creation Date: 29-Jul-2009 00:51:30

Channel Processing Parameters				
Parameter	Description	ToolPath	Value	Unit
BHK	Drilling Fluid Potassium Concentration	Borehole	4.94	%
BHT	Bottom Hole Temperature	Borehole	39	degC
BS	Bit Size	COMPLETION	Depth Zoned	in
DFD	Drilling Fluid Density	Borehole	Time Zoned	g/cm3
DFT	Drilling Fluid Type	Borehole	Water	

GGRD	Geothermal Gradient	Borehole	18.23	degC/km
GRSE	Generalized Mud Resistivity Selection	Borehole	Computed (GEN-9)	
GTSE	Generalized Temperature Selection	Borehole	Gradient From Surface	
MST	Mud Sample Temperature	Borehole	Time Zoned	degC
RMS	Resistivity of Mud Sample	Borehole	Time Zoned	ohm.m
SHT	Surface Hole Temperature	Borehole	20	degC
TD	Total Measured Depth	Borehole	3000	m

Depth Zone Parameters

Parameter	Value	Start (m)	Stop (m)
BS	16	1050	1061.7
BS	12.25	1061.7	

All depth are actual.

Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth (m)	Stop Depth (m)
DFD	1.09	26-Jul-2009 15:32:43	28-Jul-2009 07:03:02	1027.73	2575.43
DFD	1.14	28-Jul-2009 07:03:02		2575.43	
MST	20	26-Jul-2009 15:32:43	28-Jul-2009 02:09:39	1027.73	2316
MST	21	28-Jul-2009 02:09:39		2316	
RMS	0.074	26-Jul-2009 15:32:43	28-Jul-2009 02:09:39	1027.73	2316
RMS	0.099	28-Jul-2009 02:09:39		2316	

All depth are at tool zero.

Tool Control Parameters

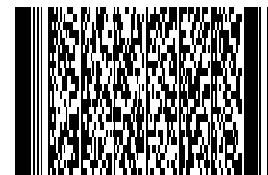
Parameter	Description	ToolPath	Value	Unit
OFFBTM_TH	Threshold for deciding whether the bit is off bottom	DnMWorkflow	Time Zoned	m

Time Zone Parameters

Parameter	Value	Start Time	Stop Time	Start Depth (m)	Stop Depth (m)
OFFBTM_TH	0.5	26-Jul-2009 15:32:43	26-Jul-2009 15:53:26	1027.73	1028.73
OFFBTM_TH	0.55	26-Jul-2009 15:53:26		1028.73	

All depth are at tool zero.

Company:	ROC Oil
Well:	Basker 7
Field:	Gippsland Basin
Rig Name:	Ocean Patriot
State:	Victoria
Country:	AUSTRALIA



	VISION Resistivity
	1:500 Measured Depth
	Real Time Data