



Pulsed Neutron  
Gamma Ray  
Collar Locator Log

Company TEP Rocky Mountain LLC  
Well Chevron TR 414-21-597  
Field Trail Ridge  
County Garfield State Colorado

Location: API # : 05-045-23340

669' FSL & 1853' FWL SESW

SEC 21 TWP 5S RGE 97W

Permanent Datum Ground Level Elevation 8292'  
Log Measured From Kelly Bushing  
Drilling Measured From Kelly Bushing

Other Services  
RBL  
Elevation  
K.B. 8316'  
D.F. 8315'  
G.L. 8292'

Date 25-APR-2017

Run Number	One
Depth Driller	9493 FT
Depth Logger	9416 FT
Bottom Logged Interval	9416 FT
Top Log Interval	3985 FT
Open Hole Size	8.750"
Type Fluid	Fresh Water
Density / Viscosity	8.34 lb/gal
Max. Recorded Temp.	253° F
Estimated Cement Top	---
Time Well Ready	---
Time Logger on Bottom	---
Equipment Number	---
Location	Grand Junction
Recorded By	A. Ellsworth
Witnessed By	---

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size (in)	Weight (lb/ft)	From	To

Casing Record	Size (in)	Wgt (lb/ft)	Grade	Top	Bottom
Surface Casing	9 5/8	36	J-55	Surface	2669 FT
Intermediate #1	4 1/2	11.6	P-110	Surface	9493 FT
Intermediate #2					
Liner					

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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 ran as per customer request  
Depth referenced to Reliance Bond Log dated 23-APR-2017  
Log ran from 9416 FT to 3985 FT

Thank you for choosing Reliance Oilfield Services, LLC!!



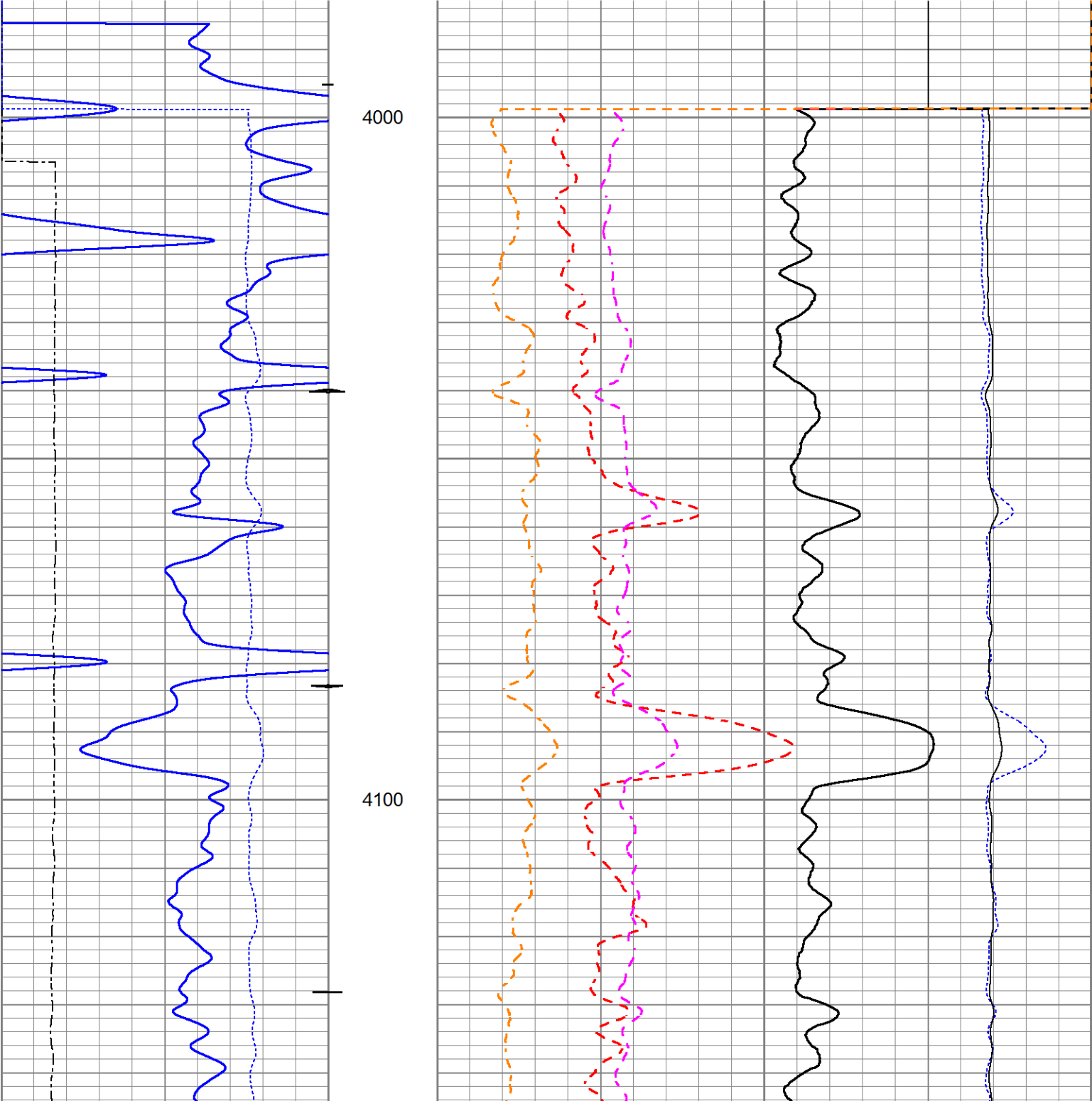
Main Pass

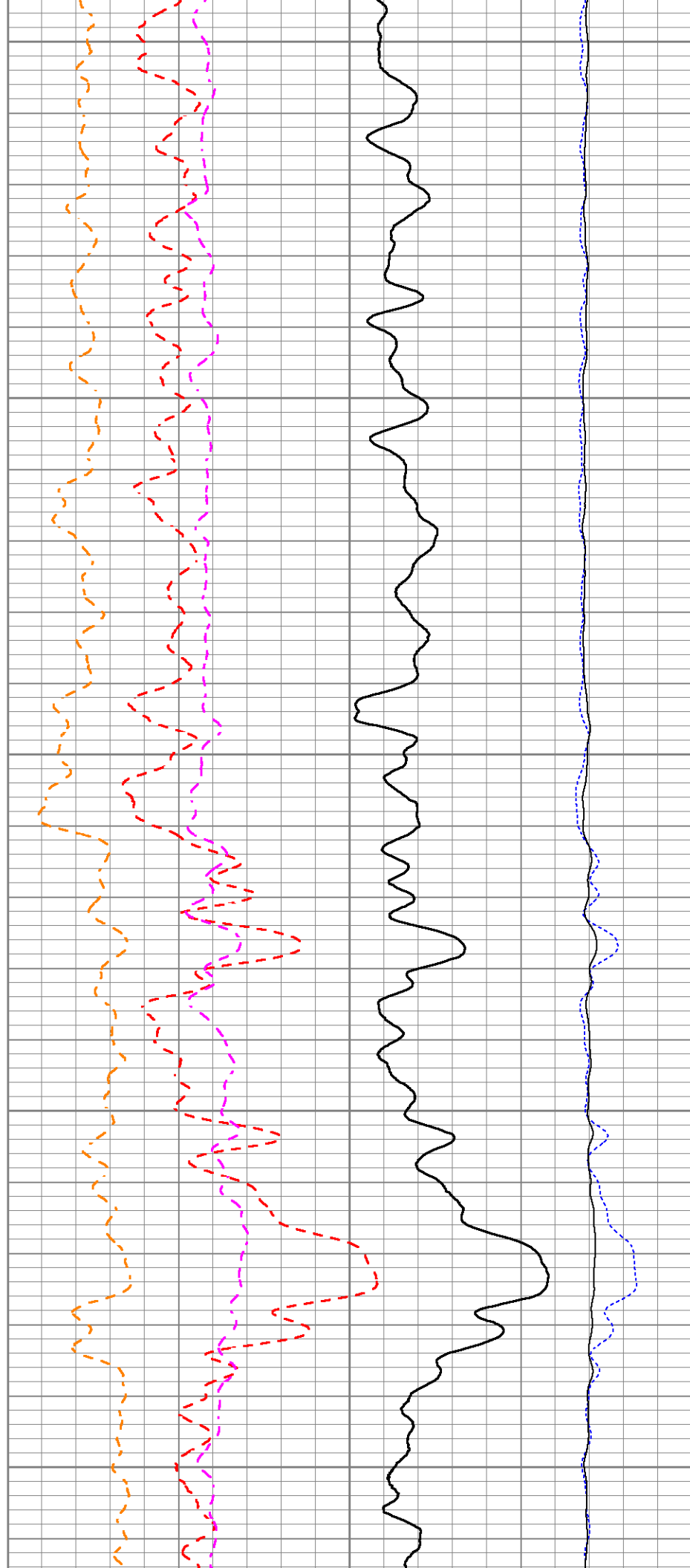
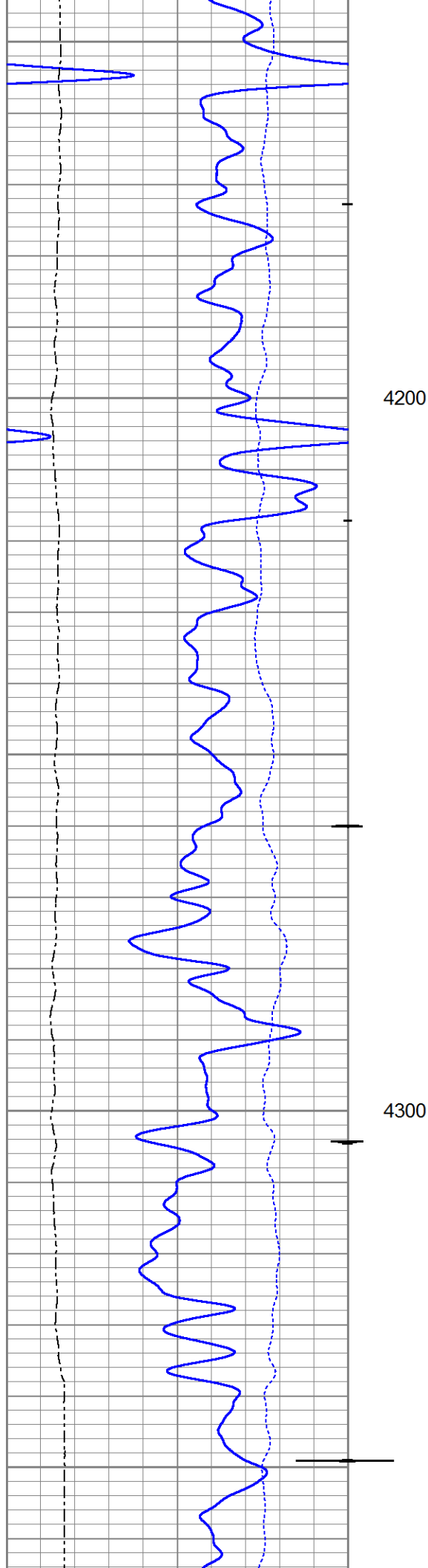
Database File	tr 414-21-597 pdn\tep_chevron tr 414-21-597_04-25-17_pdn.db
Dataset Pathname	tr_414-21-597_pdn
Presentation Format	ros_pdn
Dataset Creation	Thu May 04 07:00:10 2017
Charted by	Depth in Feet scaled 1:240

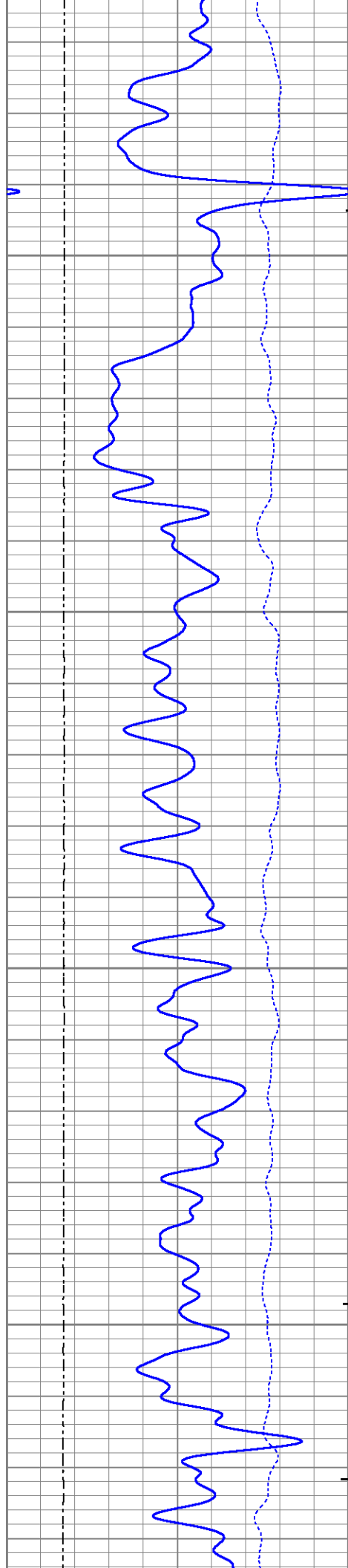
0	Gamma Ray (GAPI)	150
Casing Collar Locator		
0	Line Speed (ft/min)	100
0	SSIN (cps)	500000

10	RATIO	0
60	SIGMA (cu)	0
0.35	RATIC	0
11	RATIN	0

LS	
0	(cps 550000)
SS	
0	(cps 4e+006)

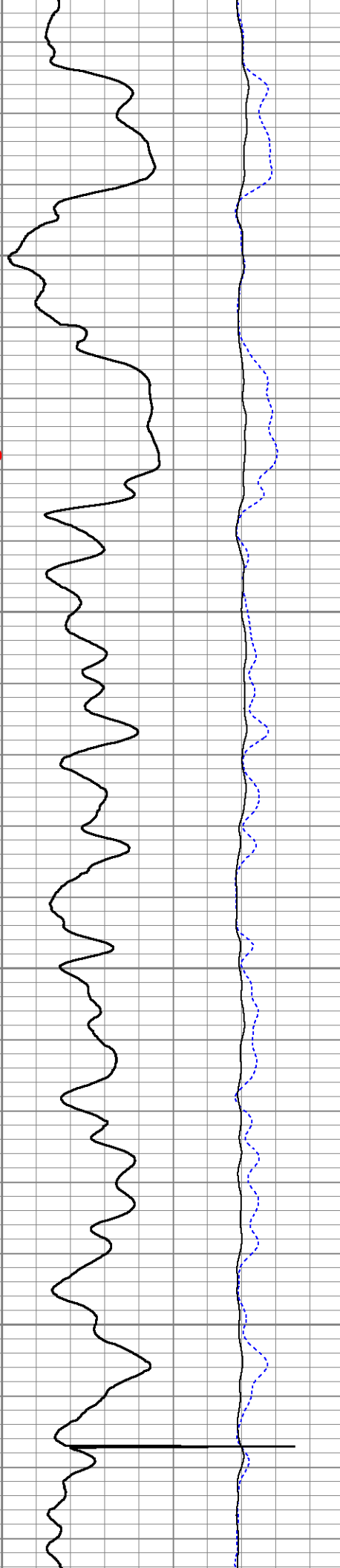
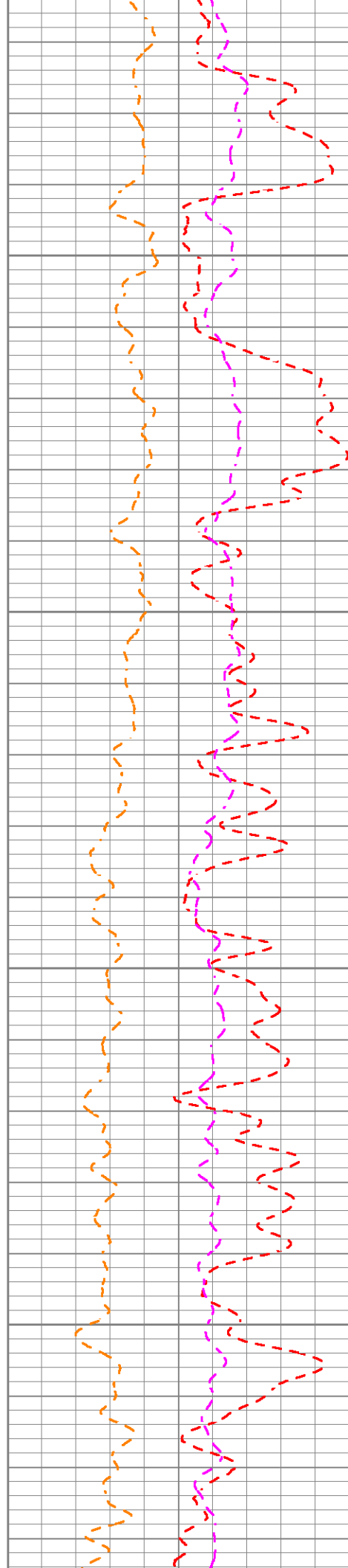


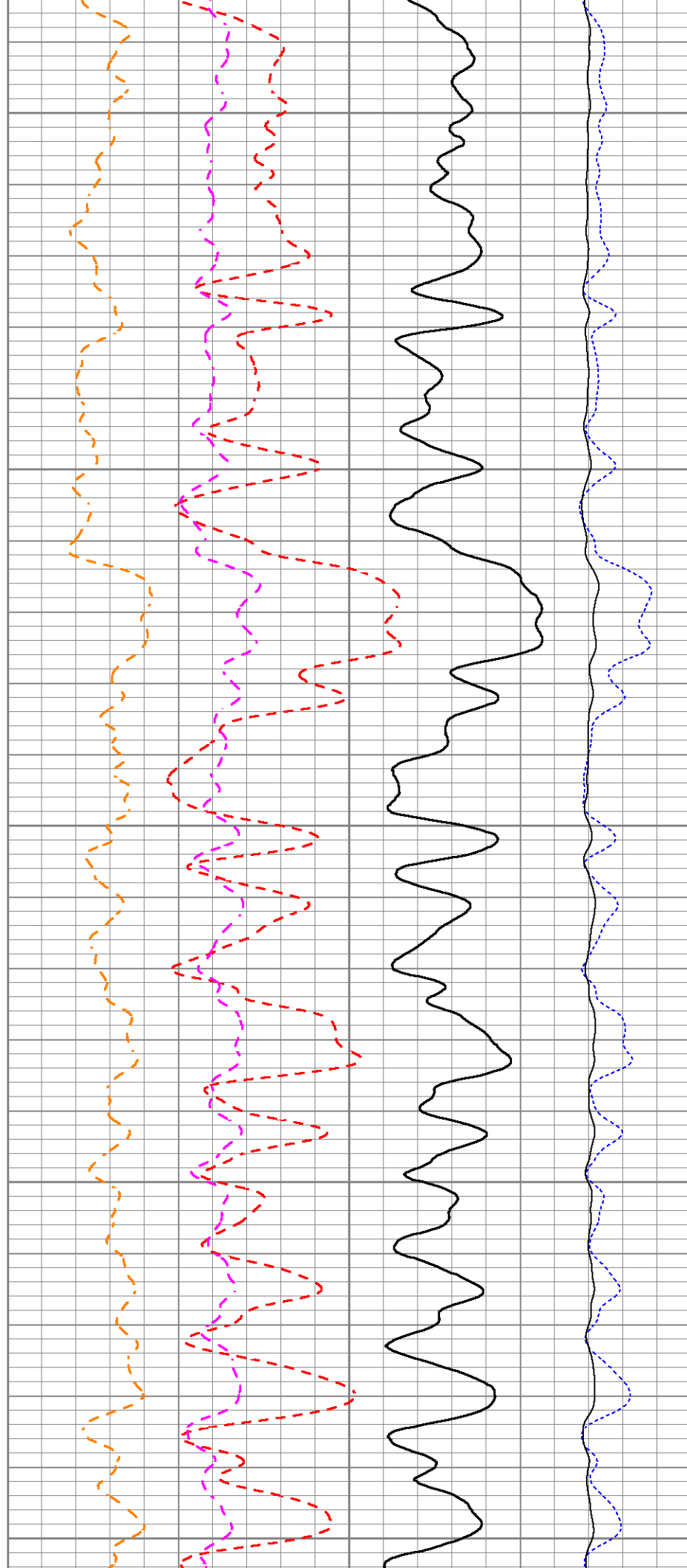
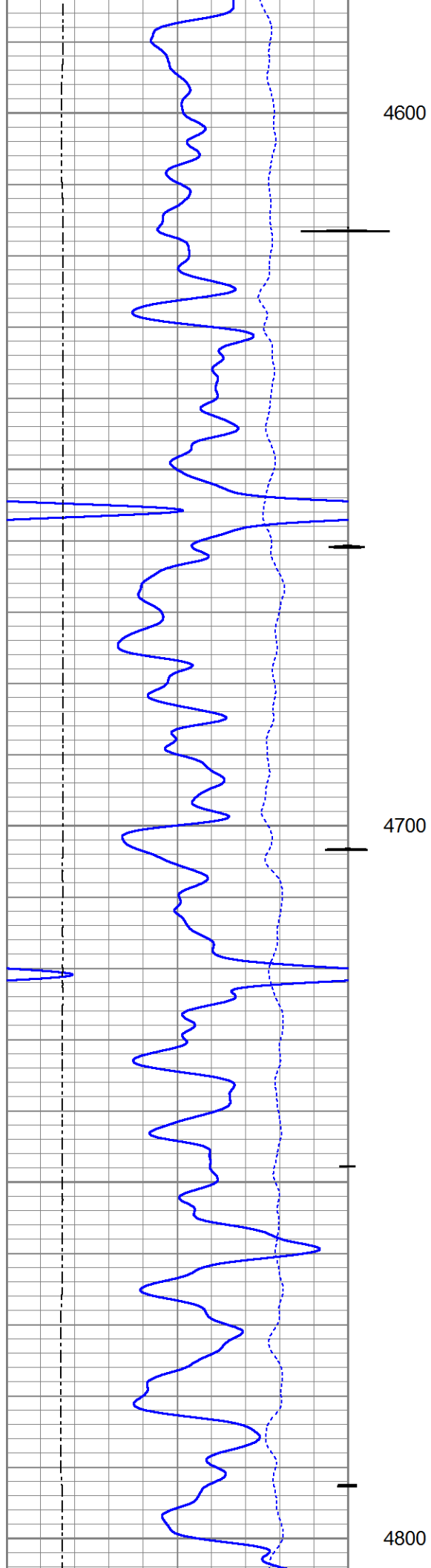


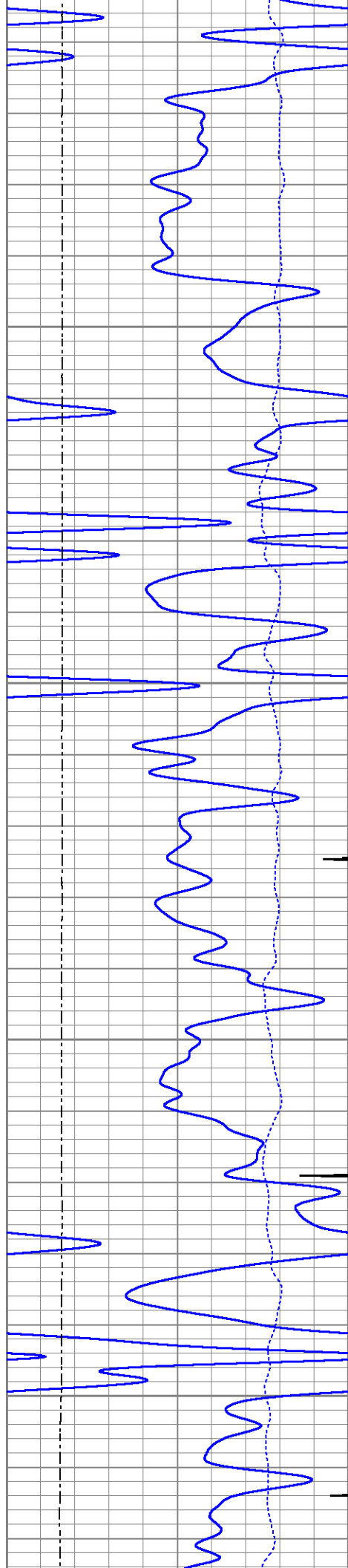


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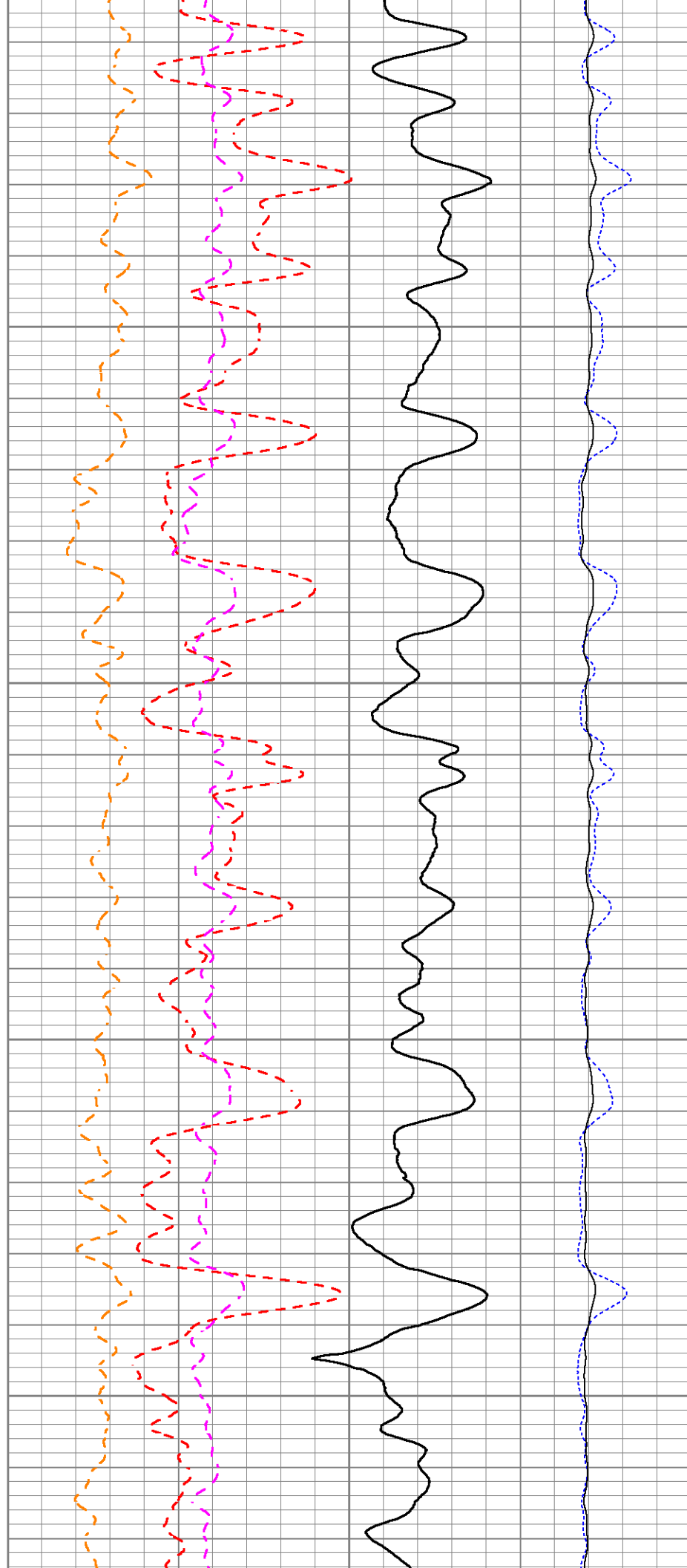


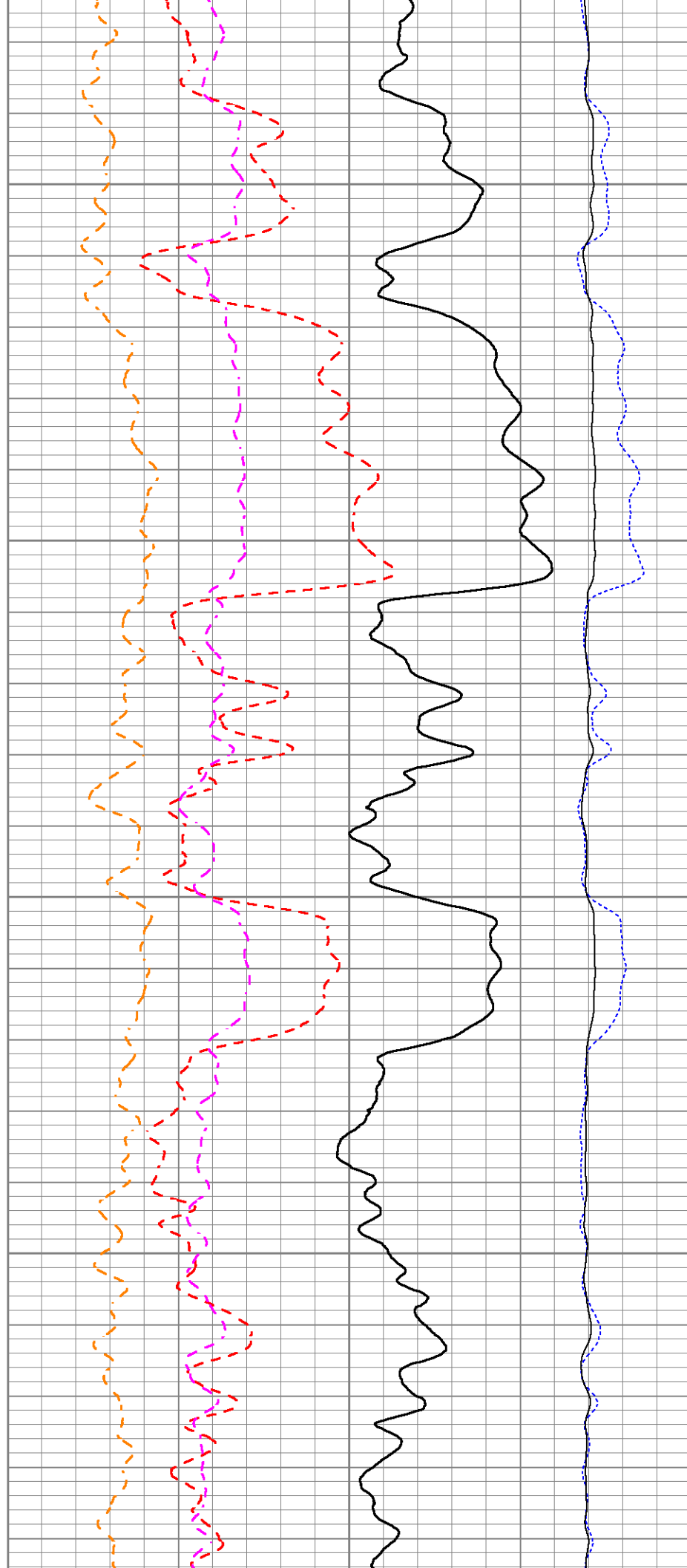
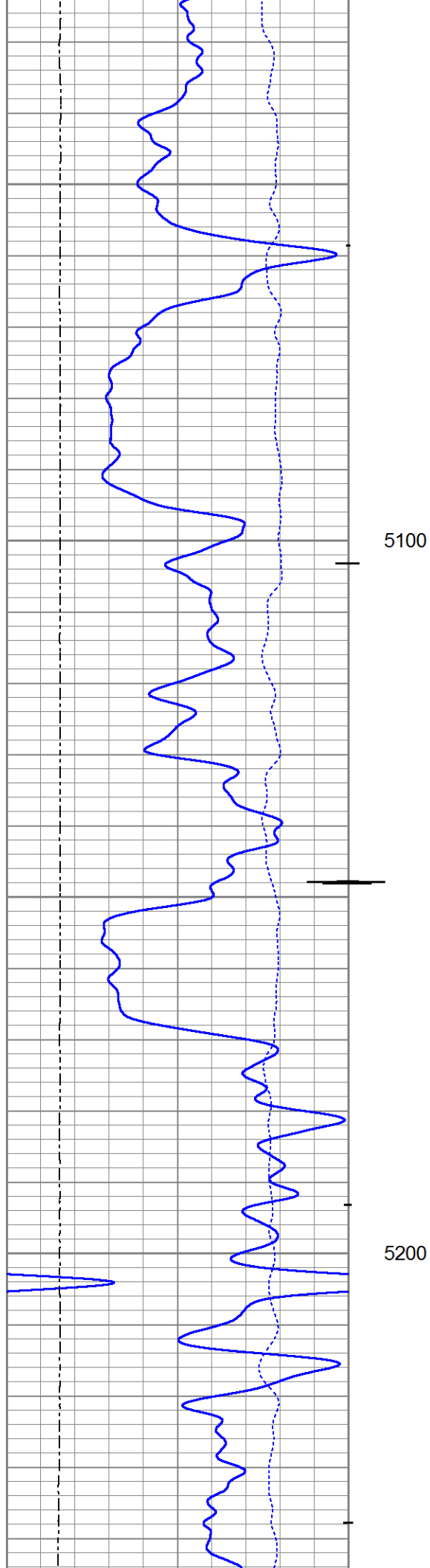


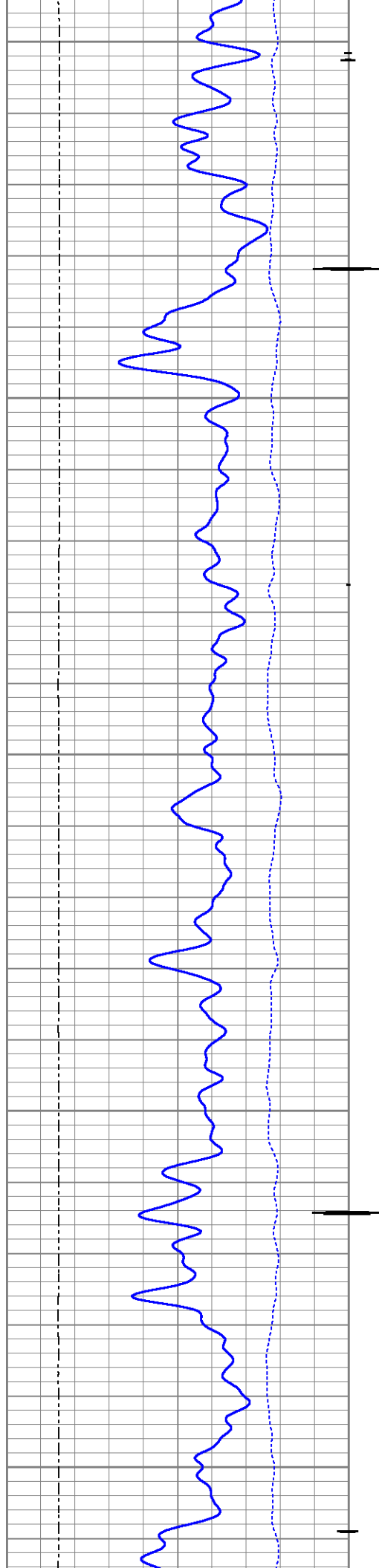


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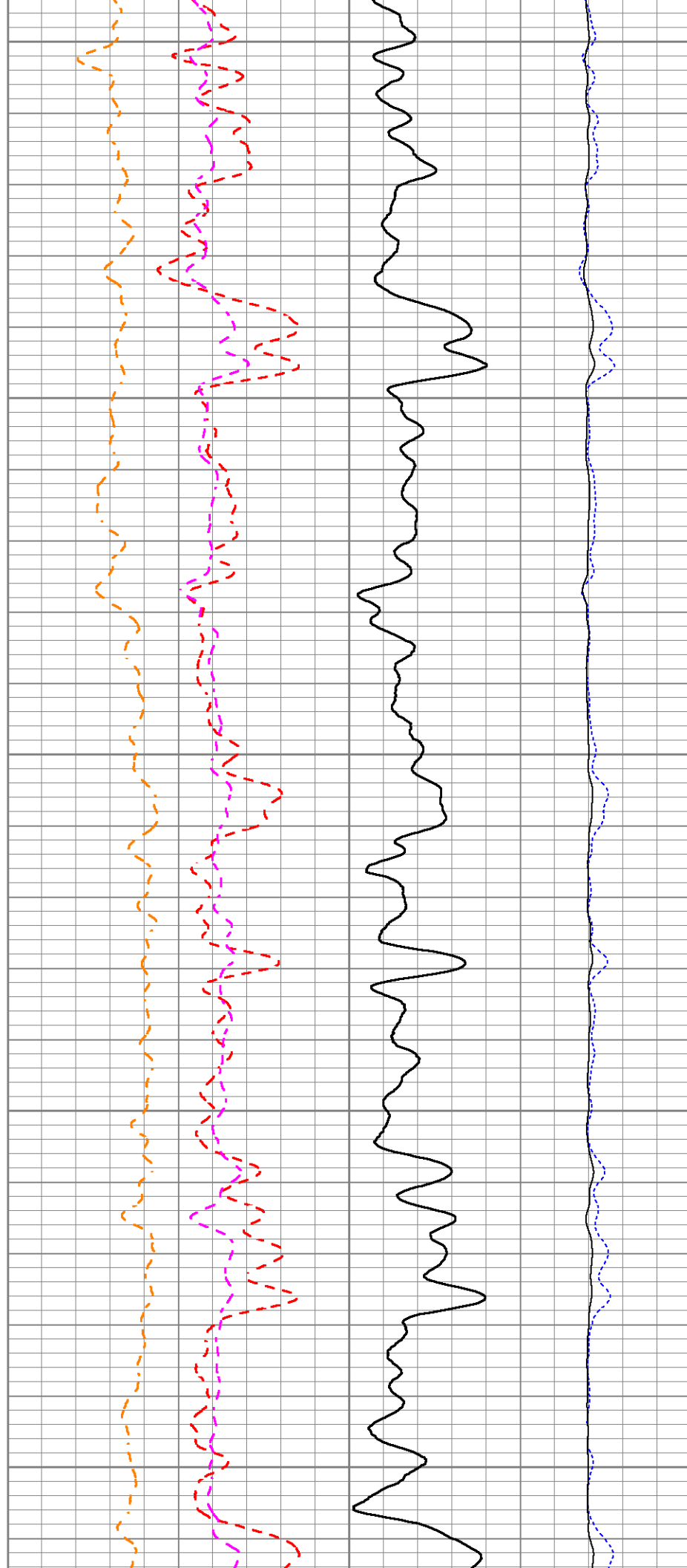




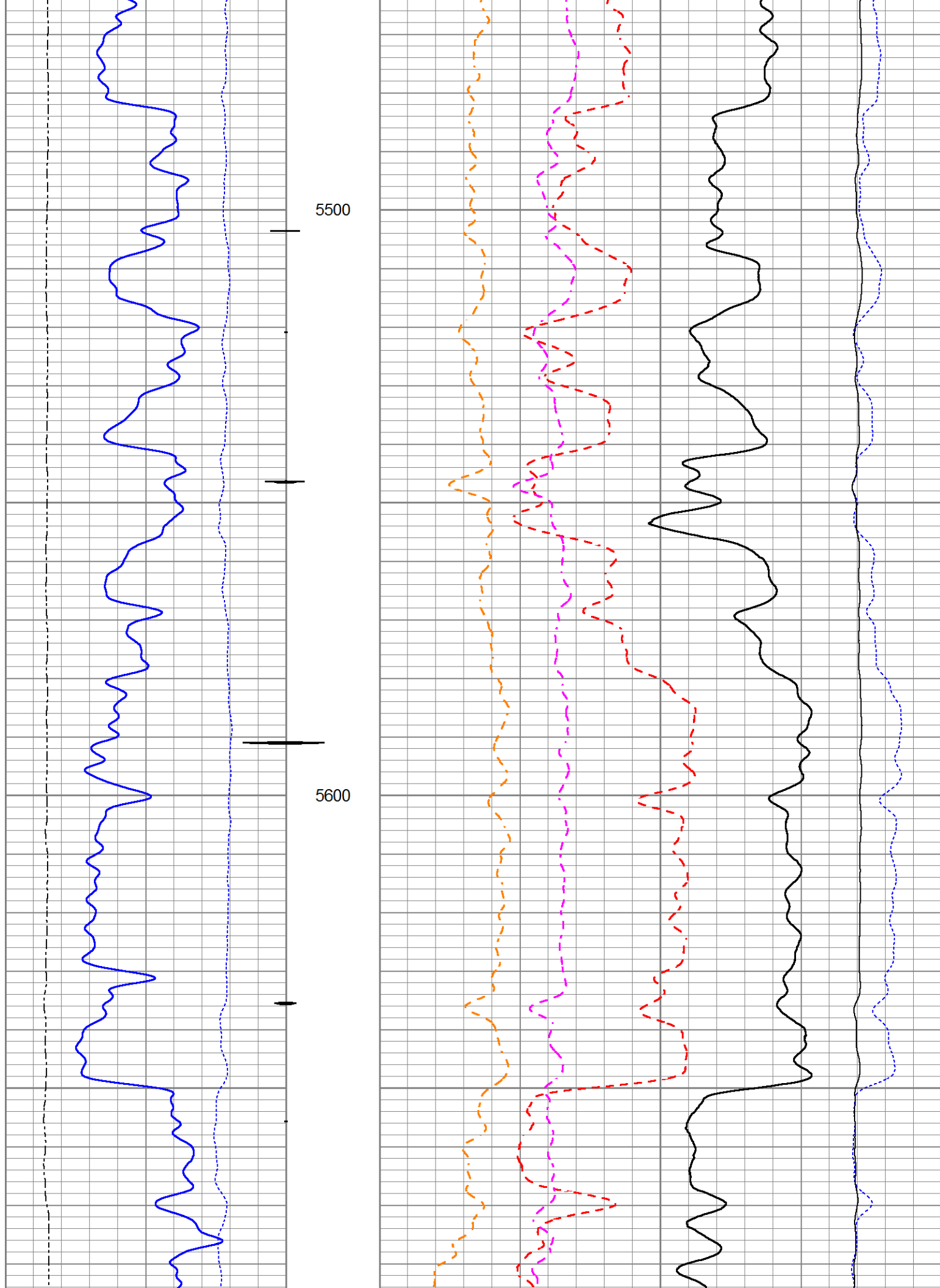


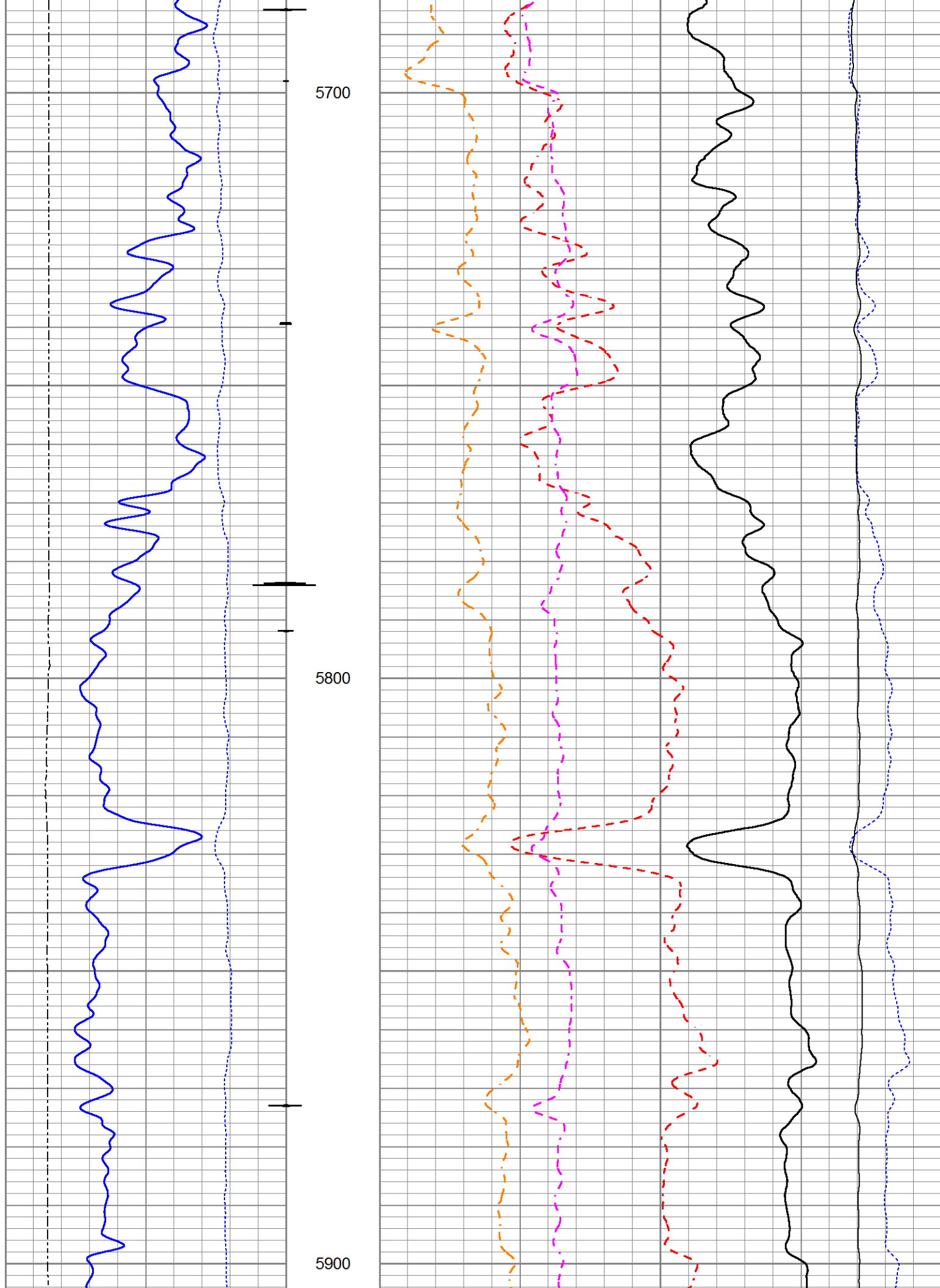
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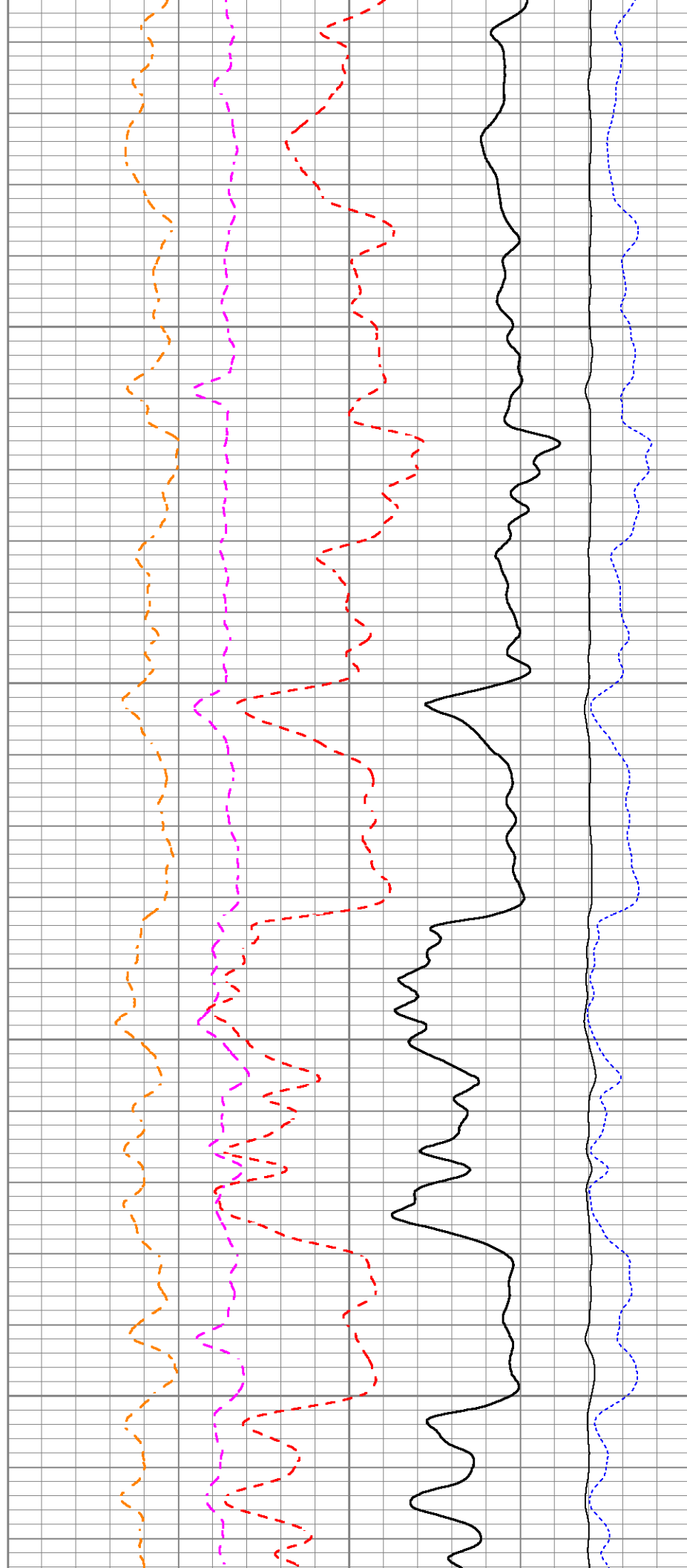
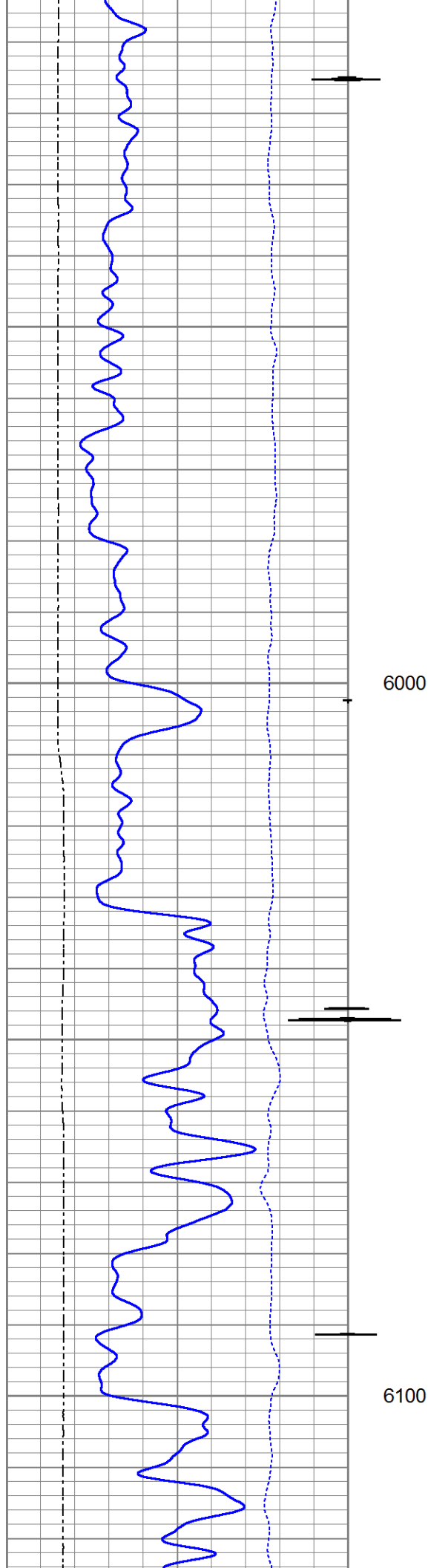
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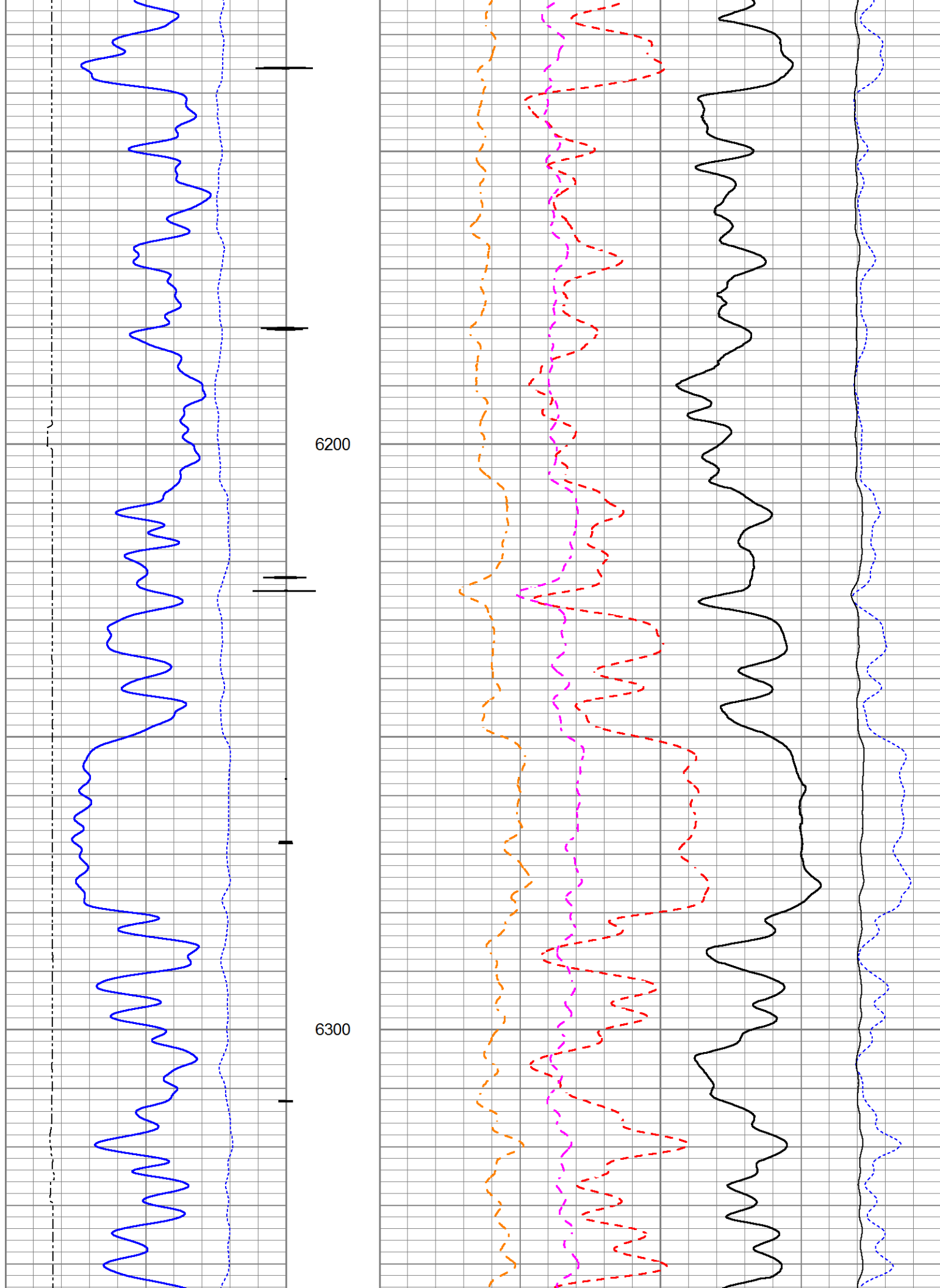


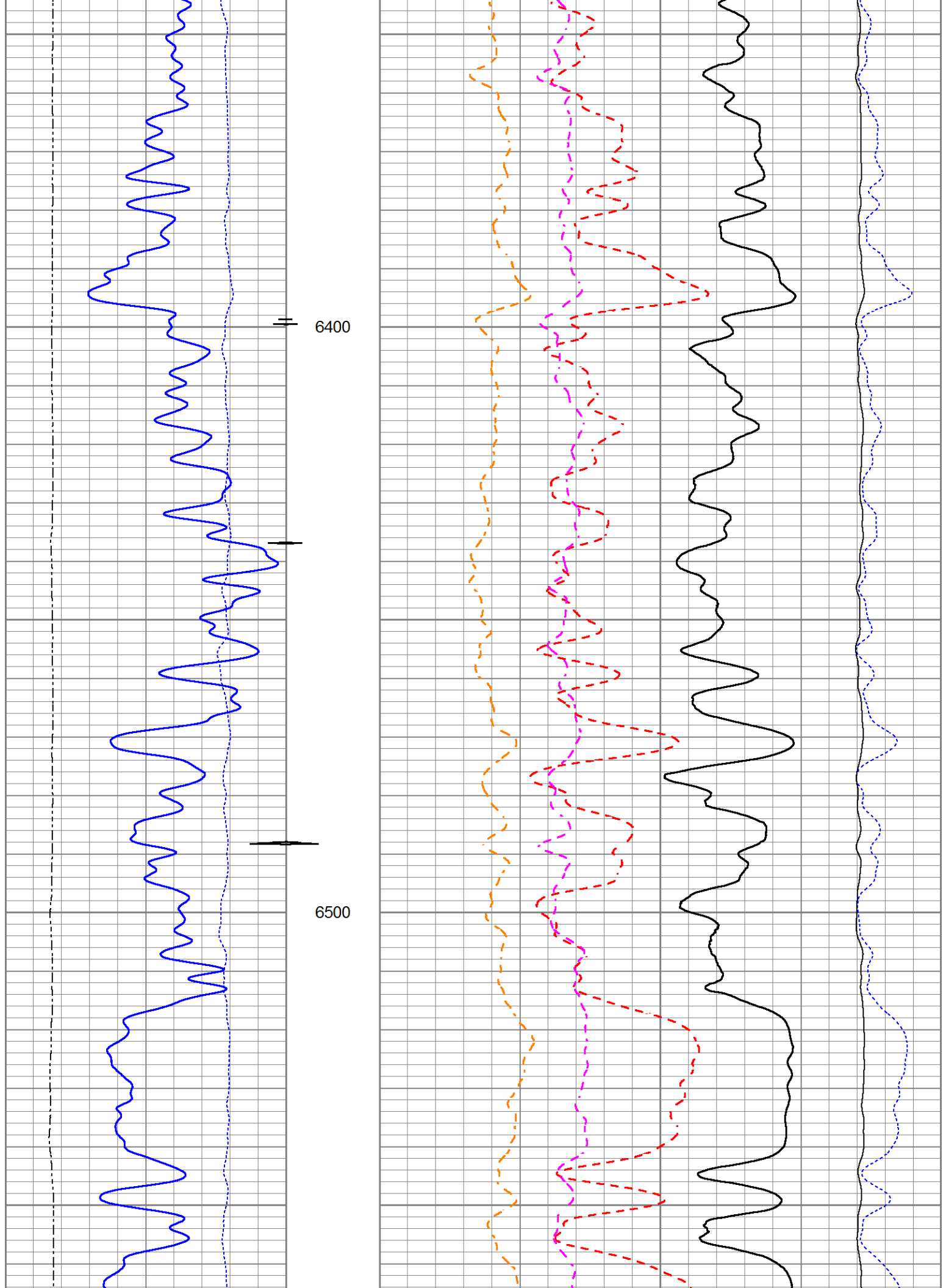


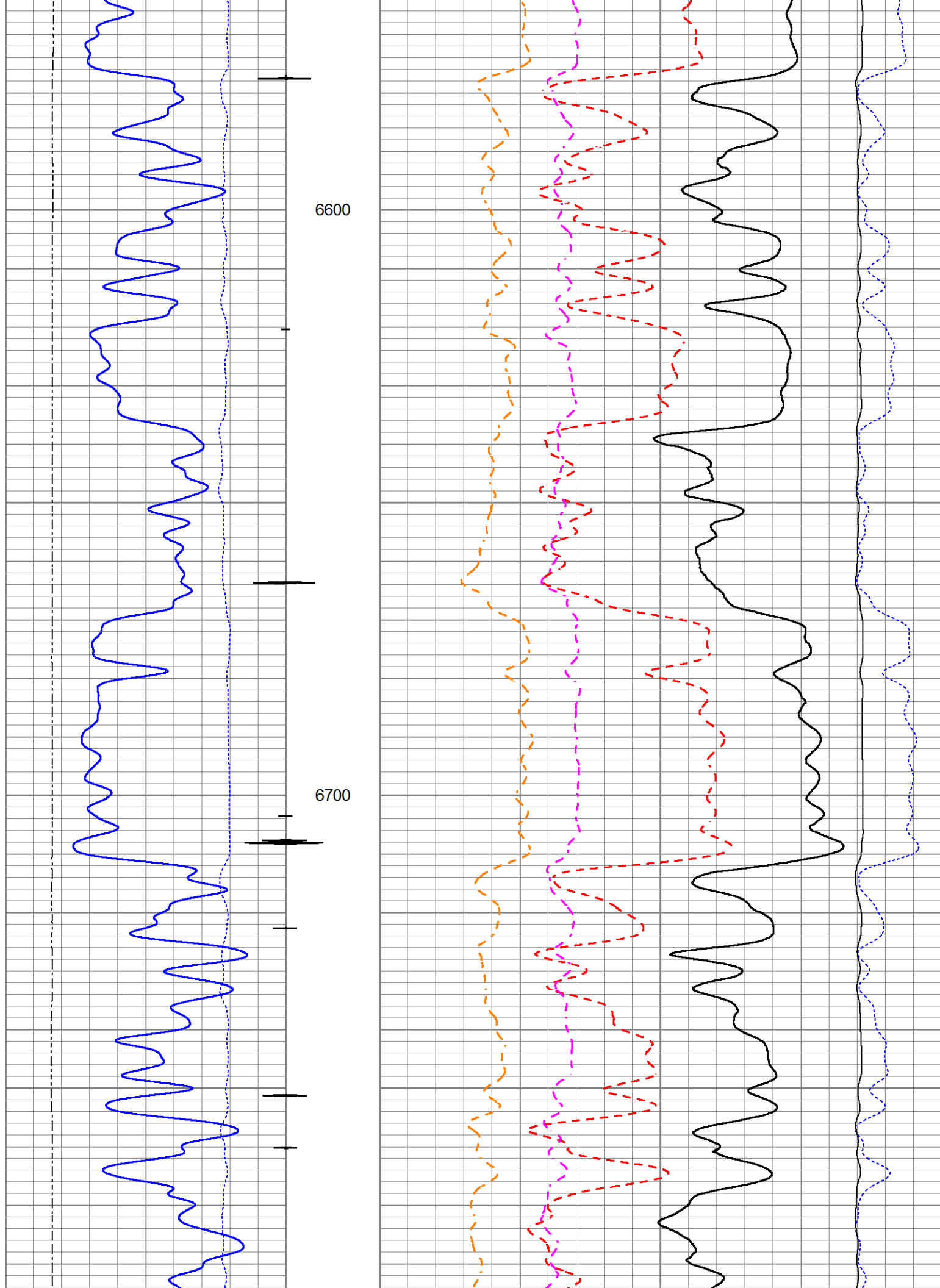


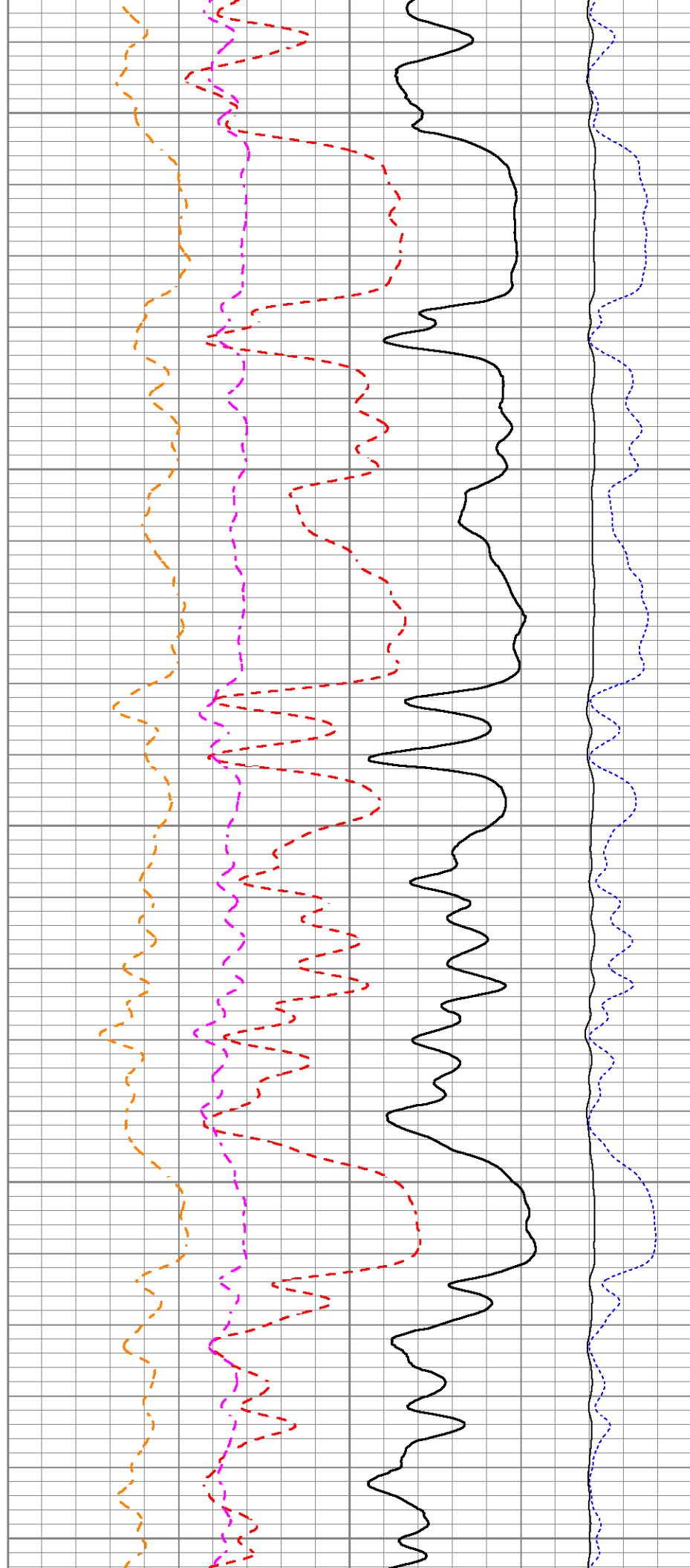
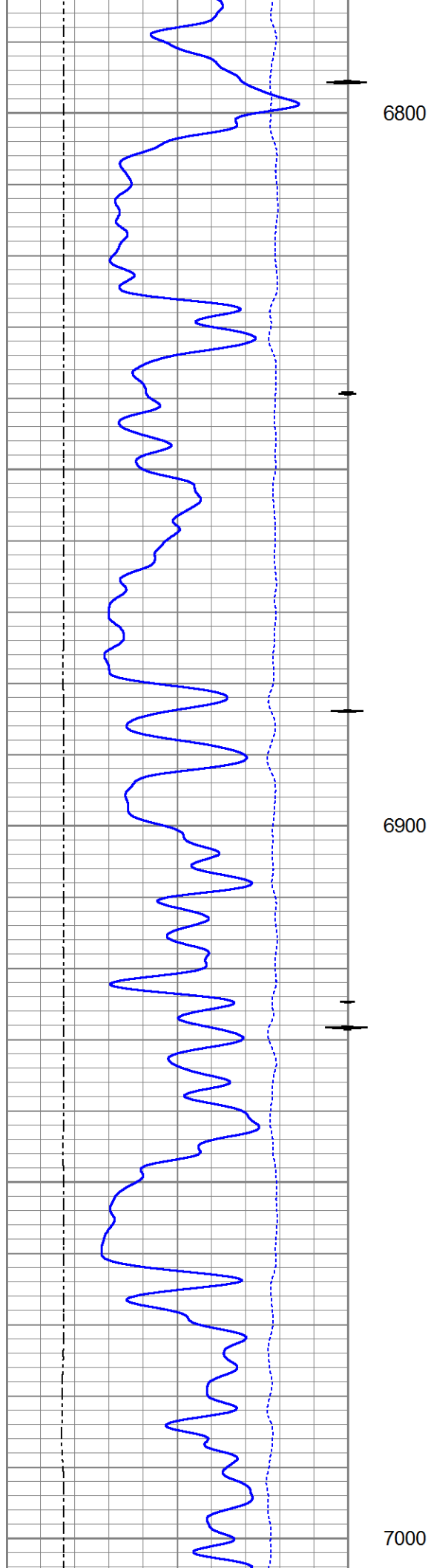


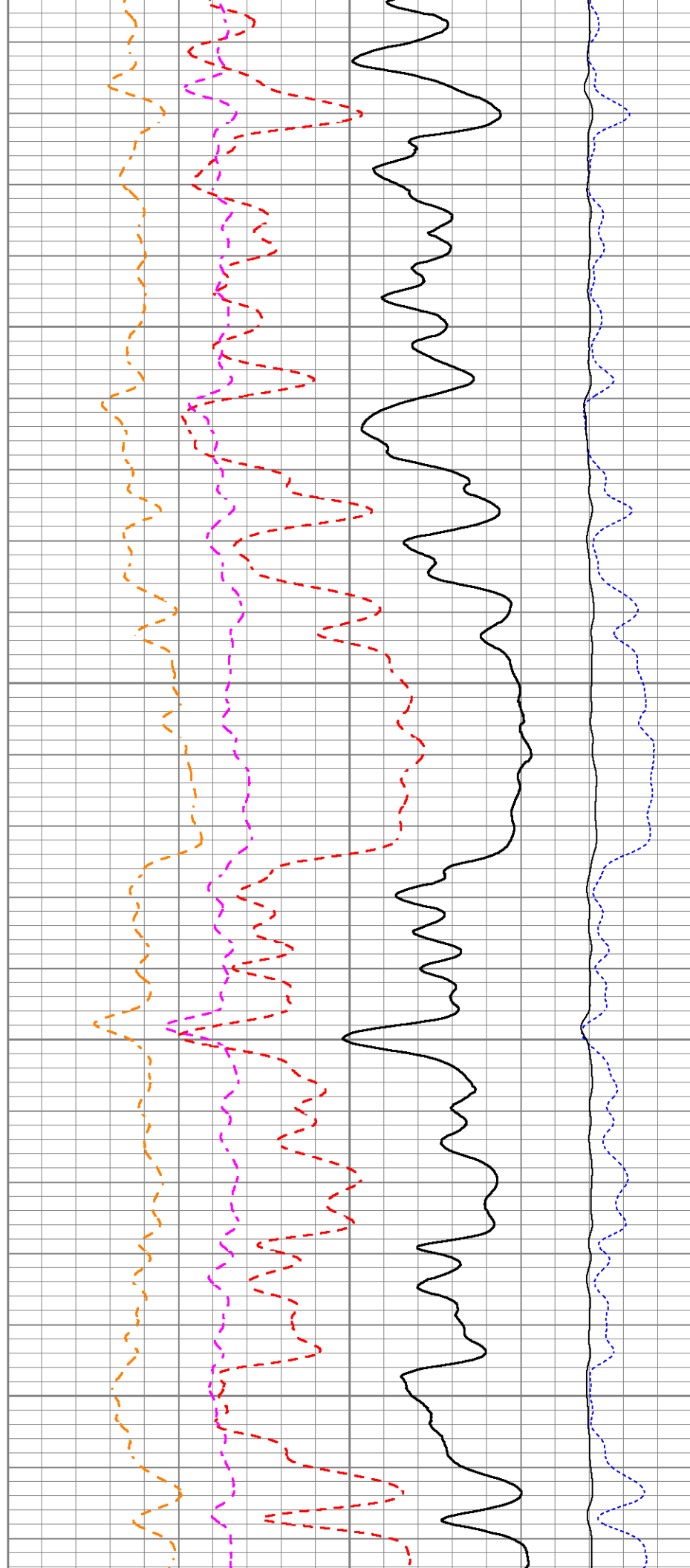
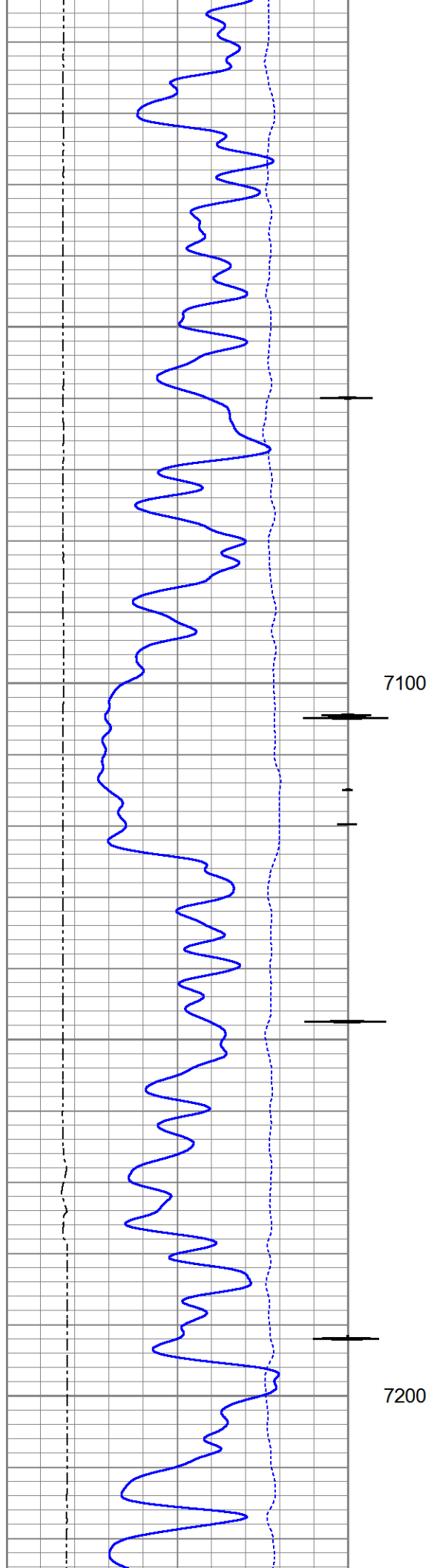




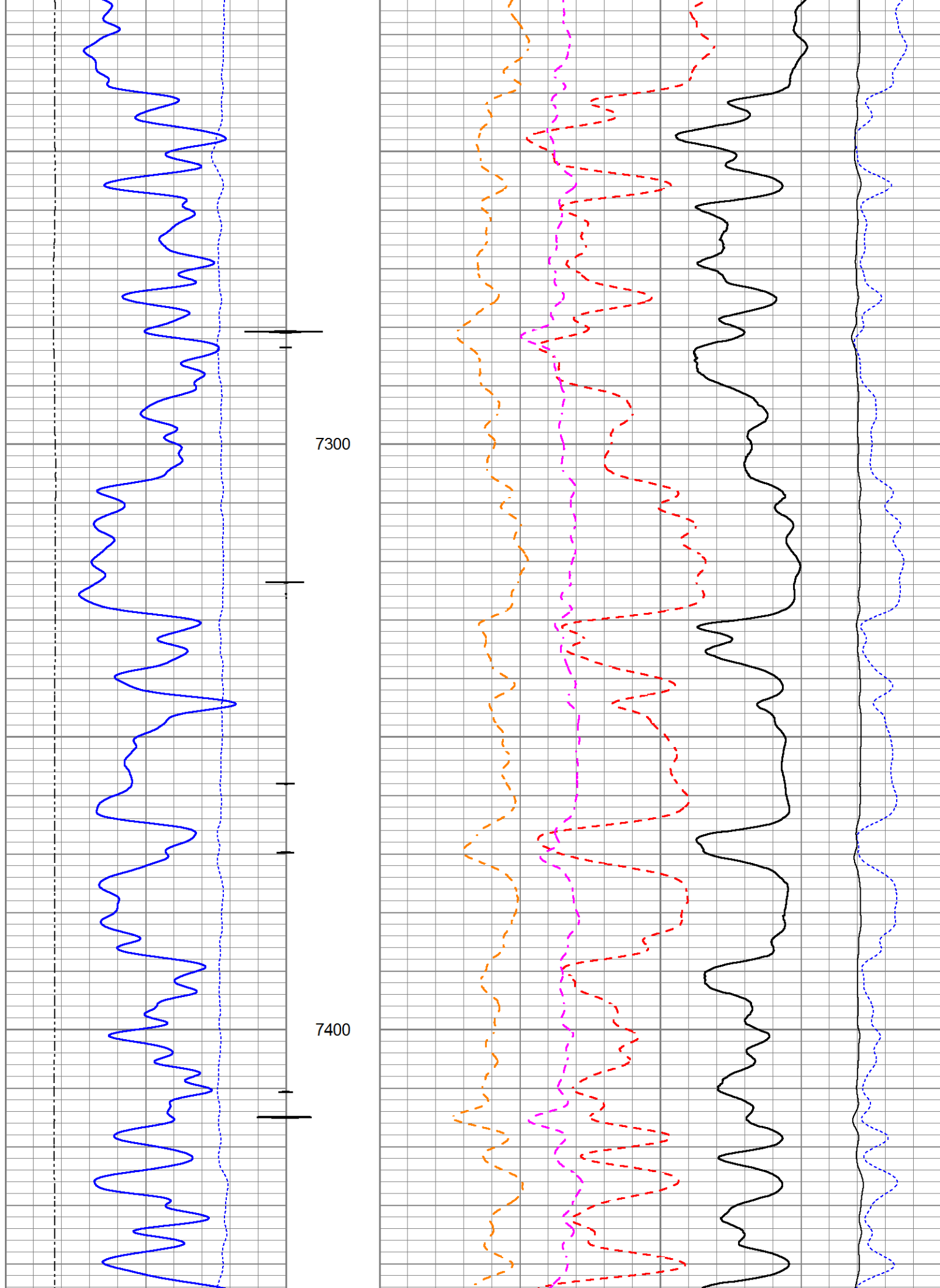


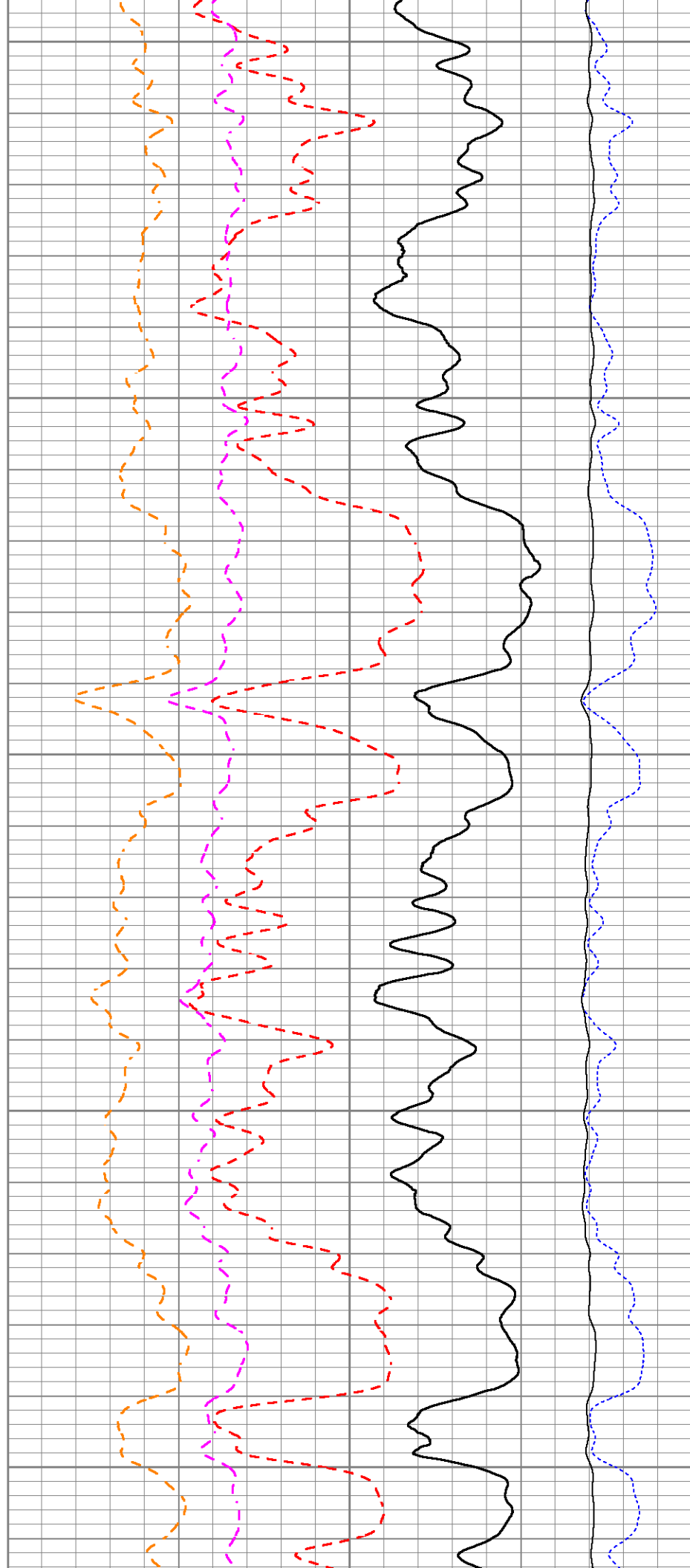
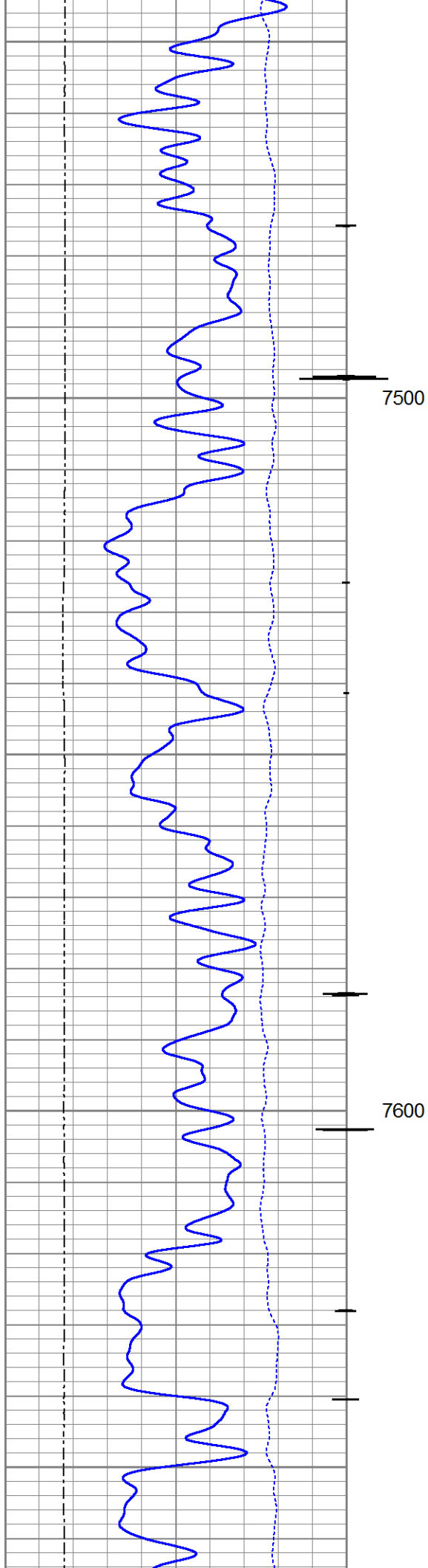


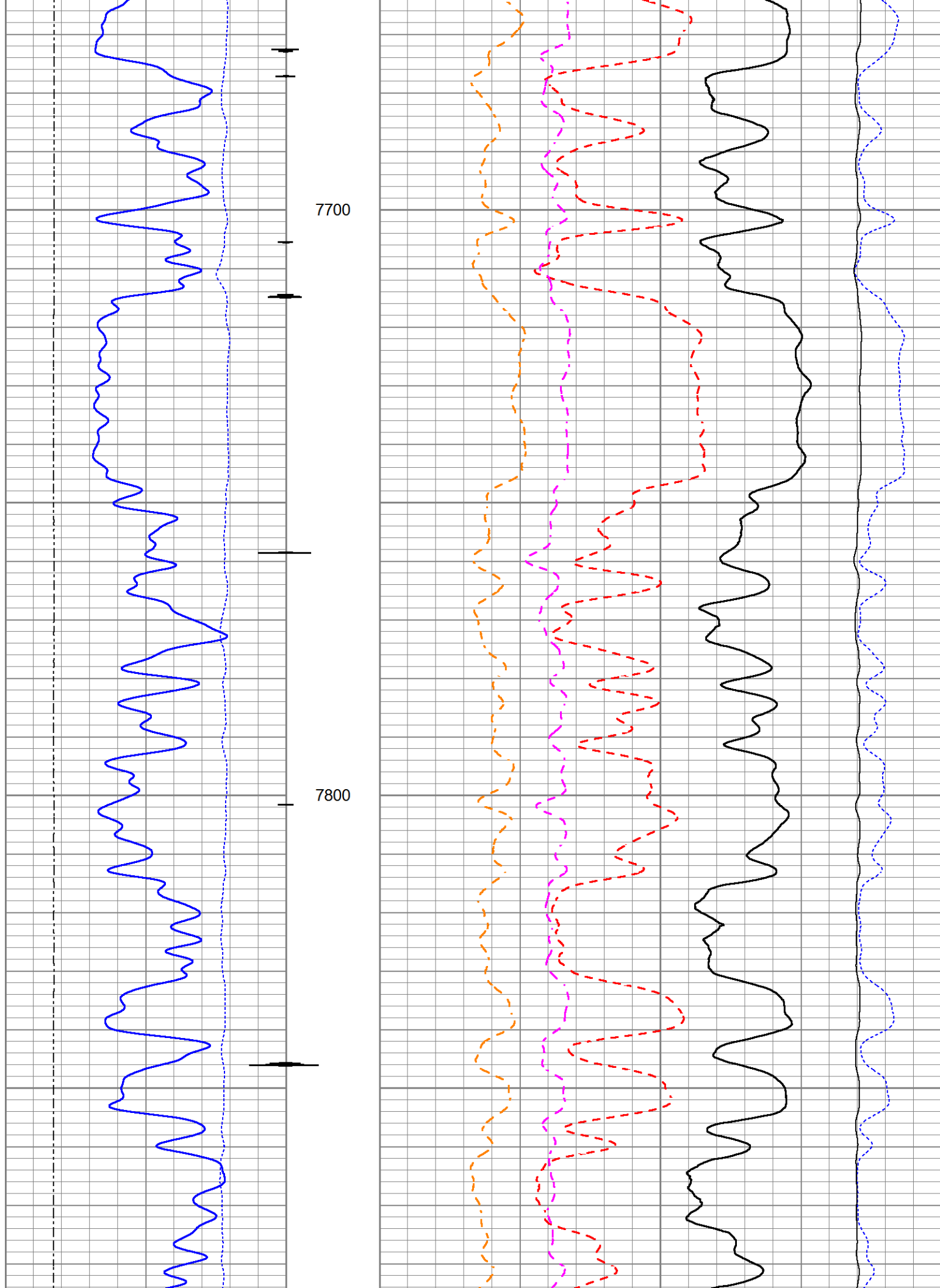


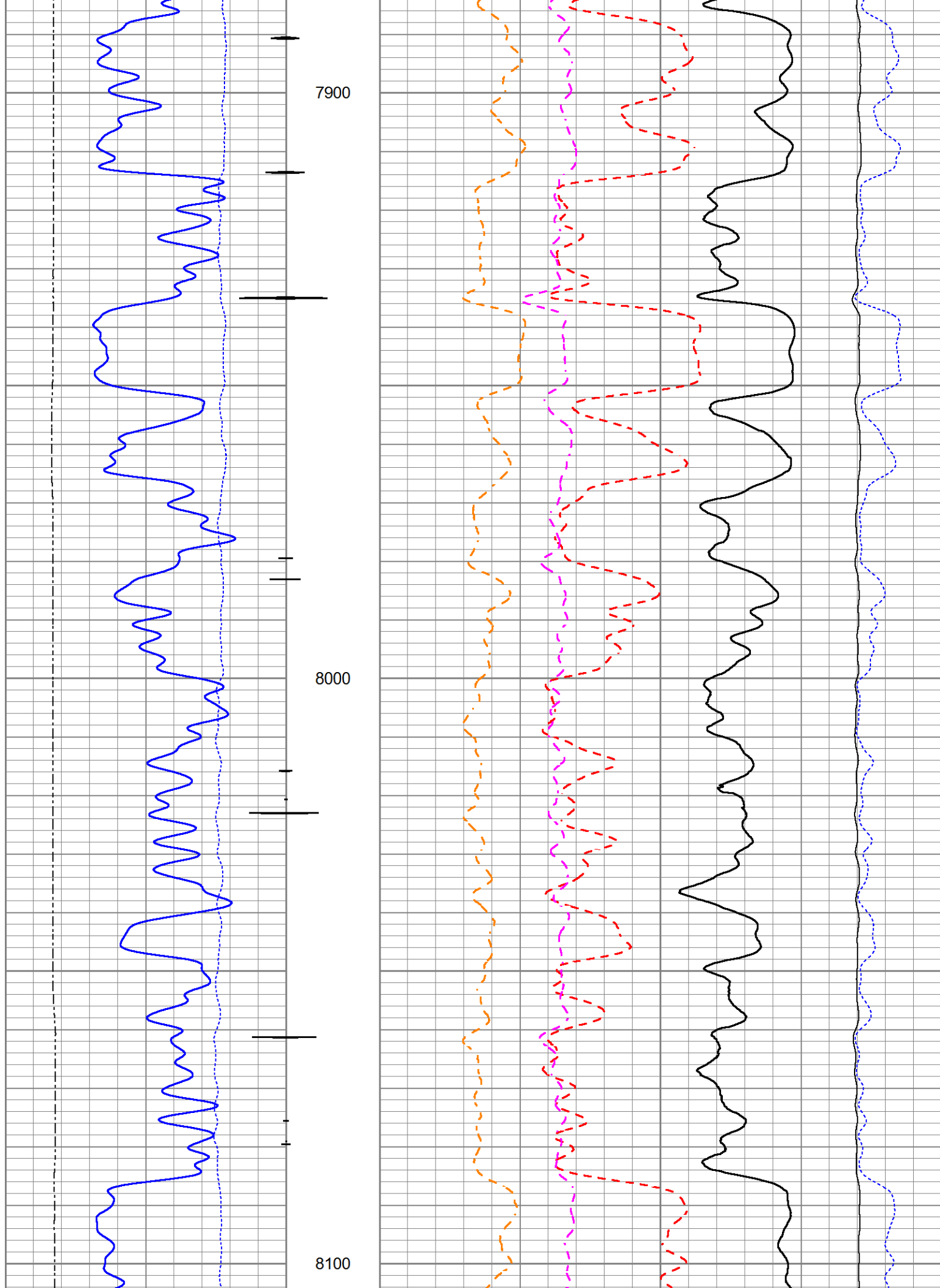


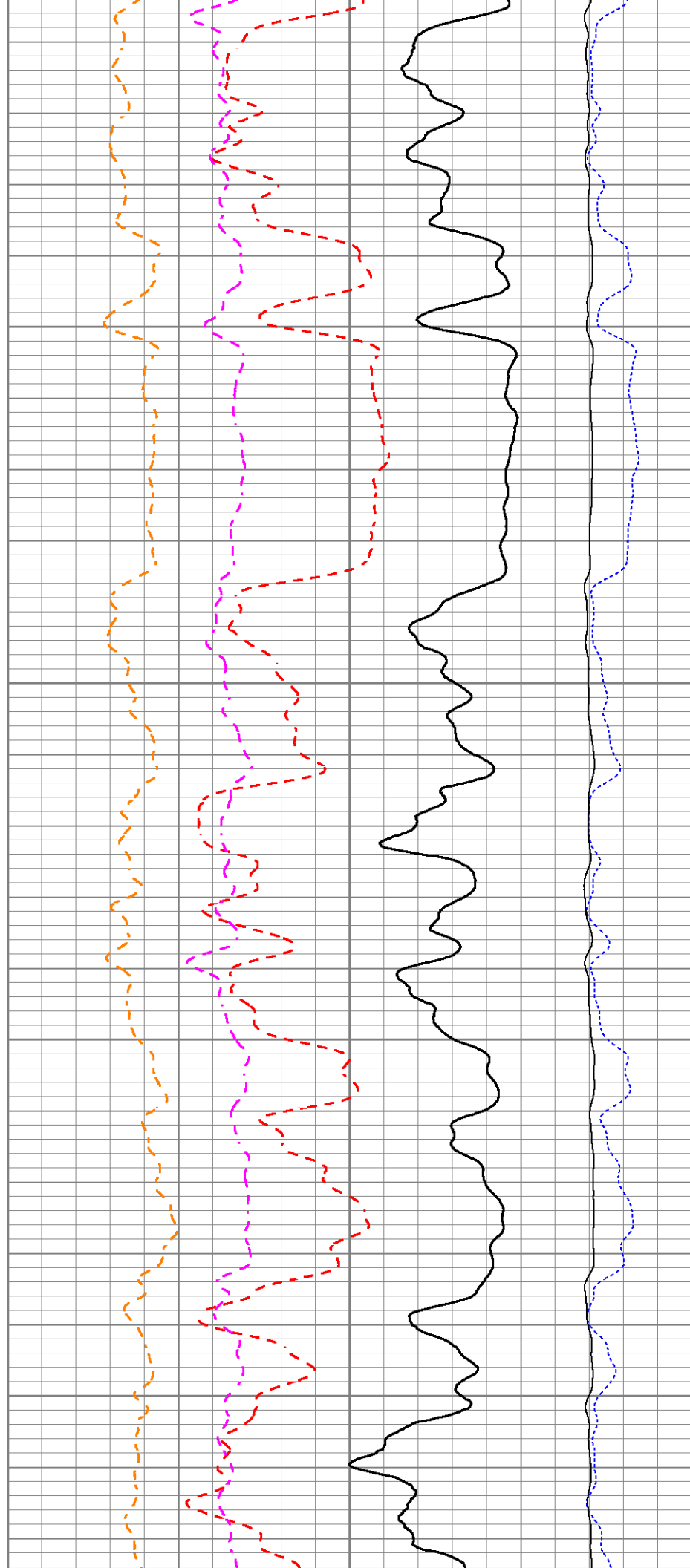
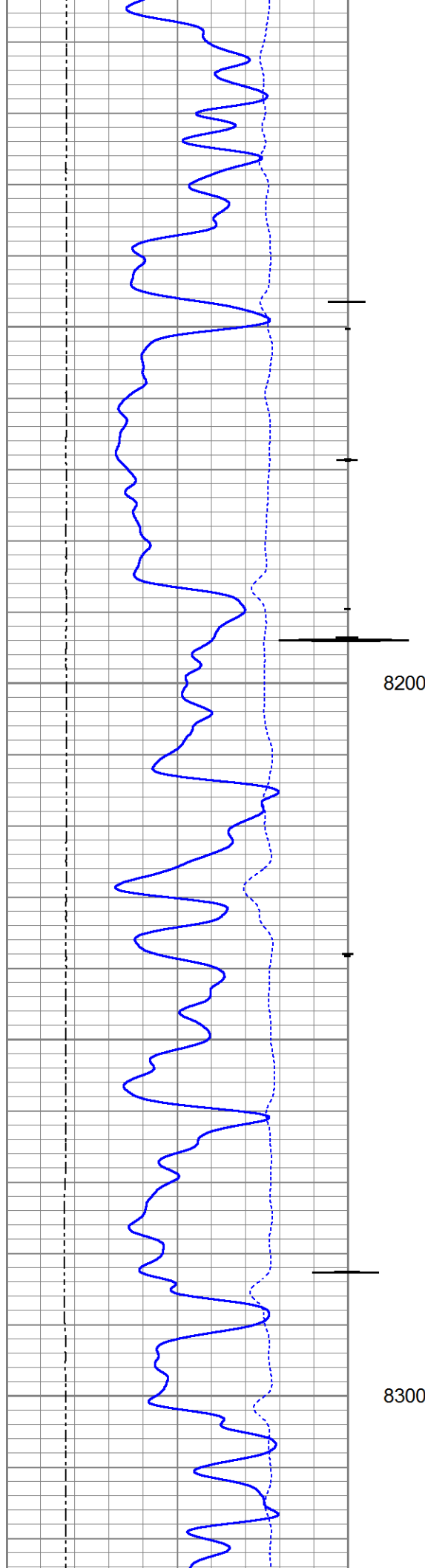


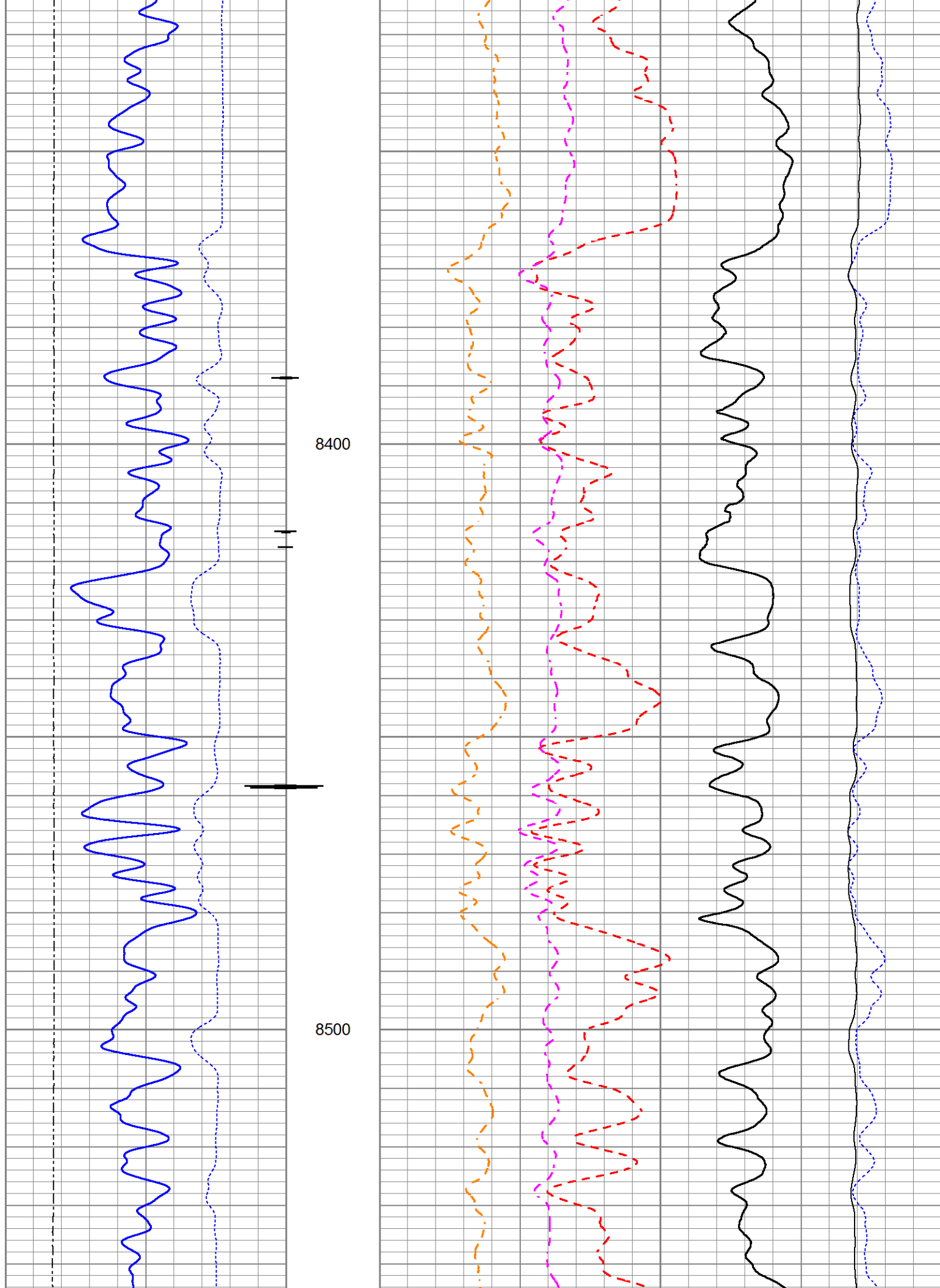


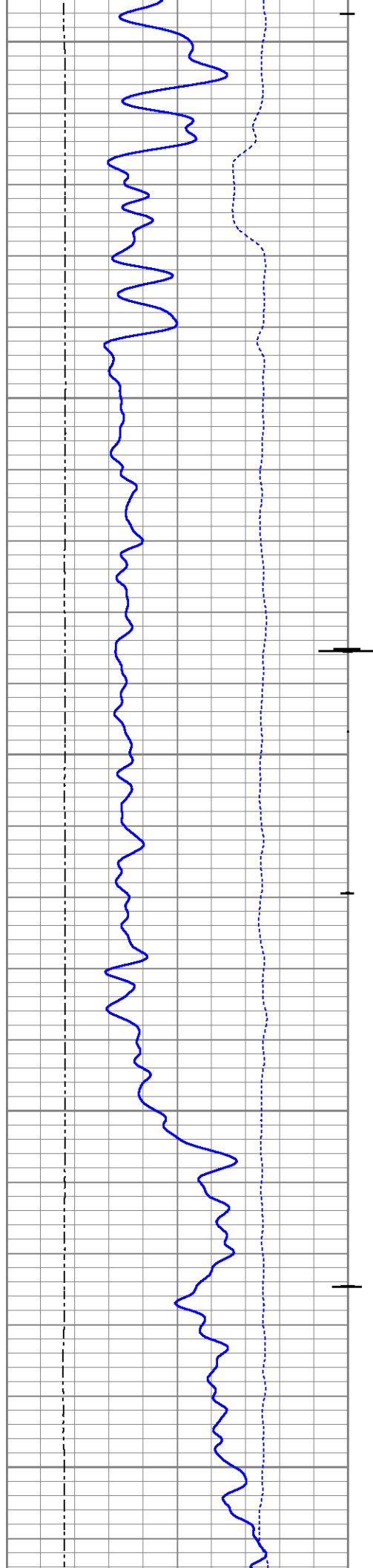






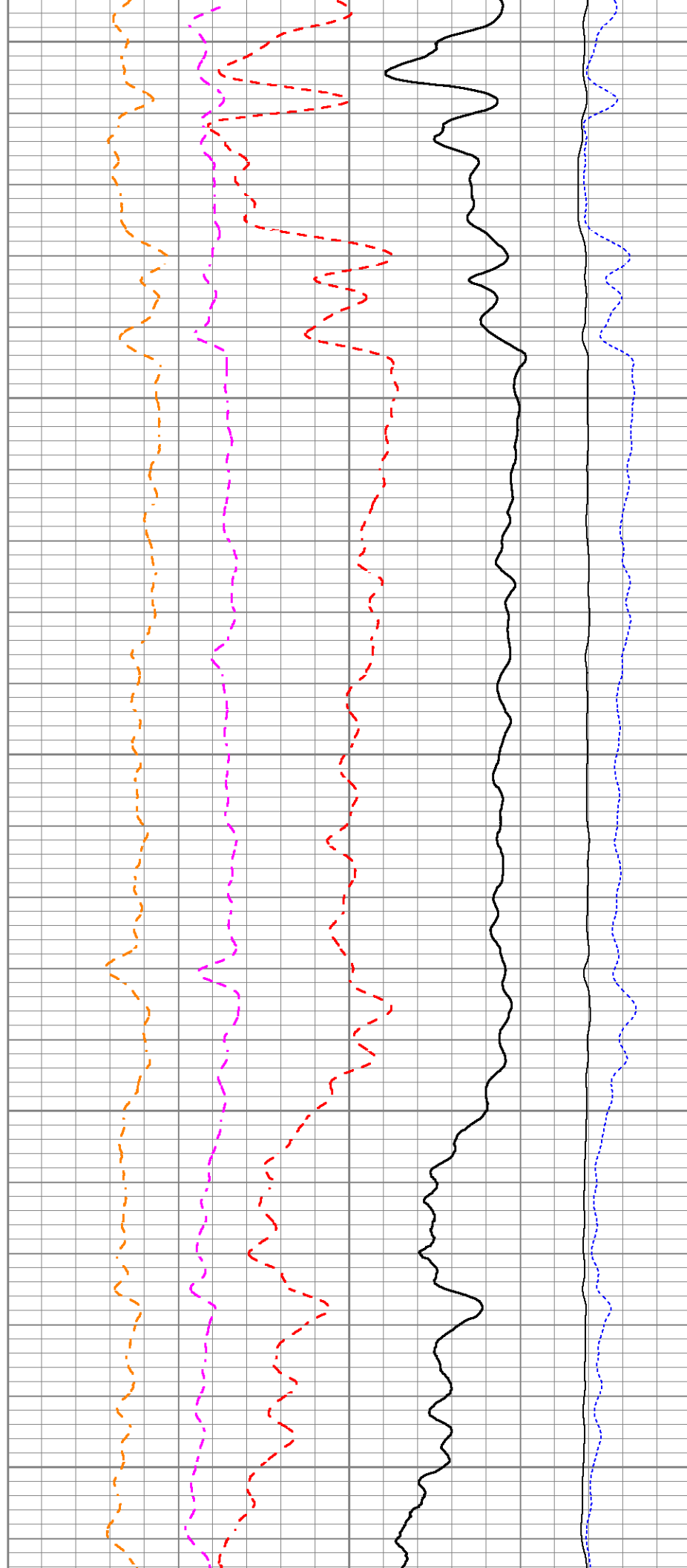


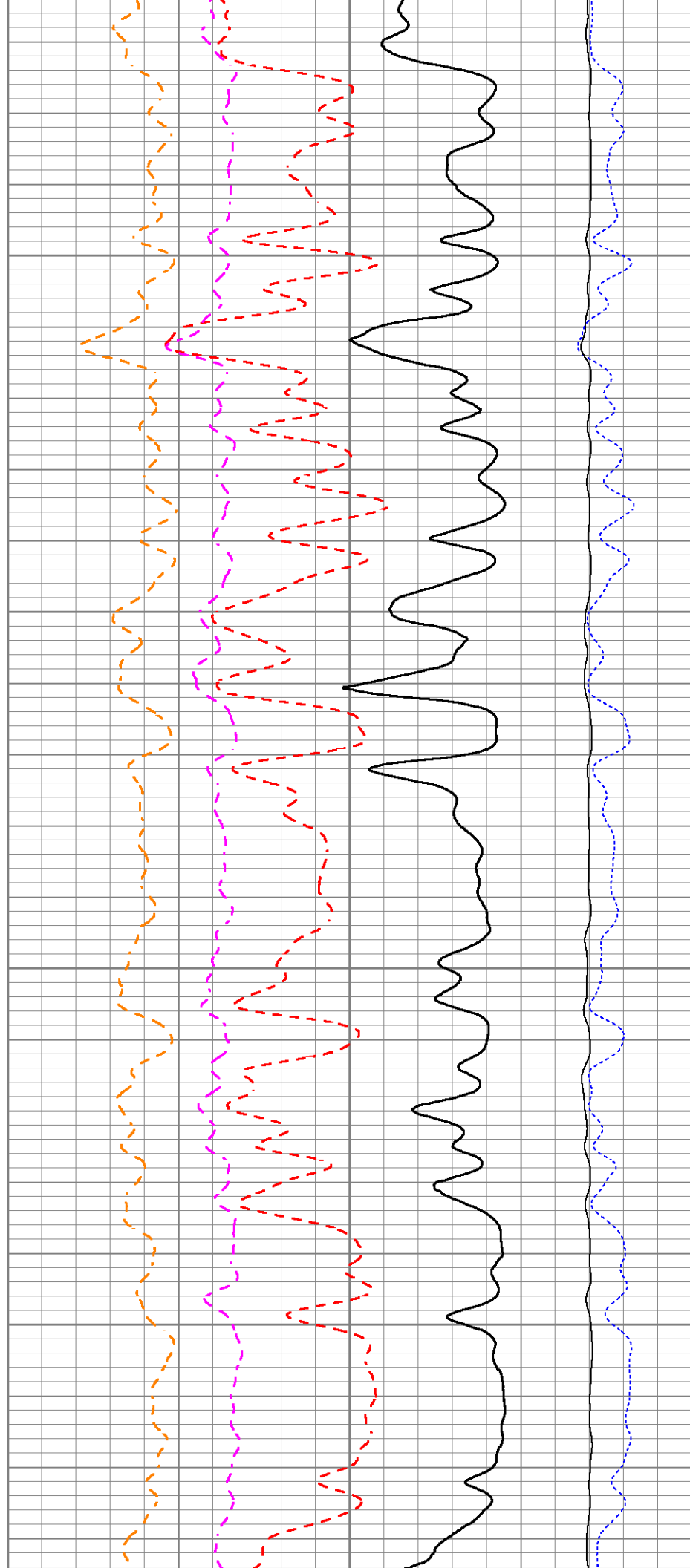
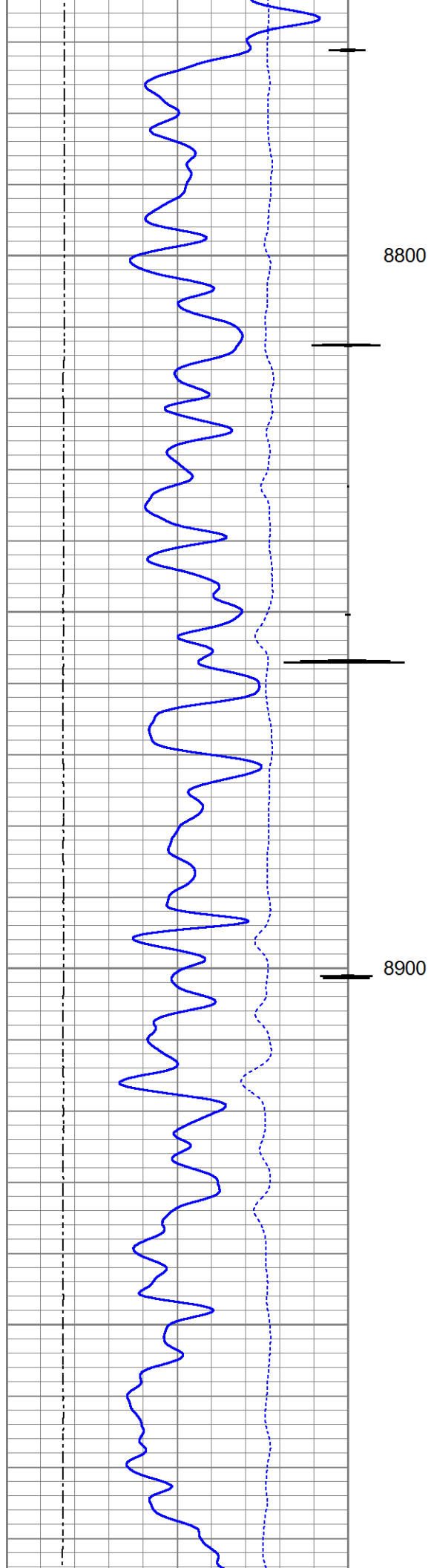




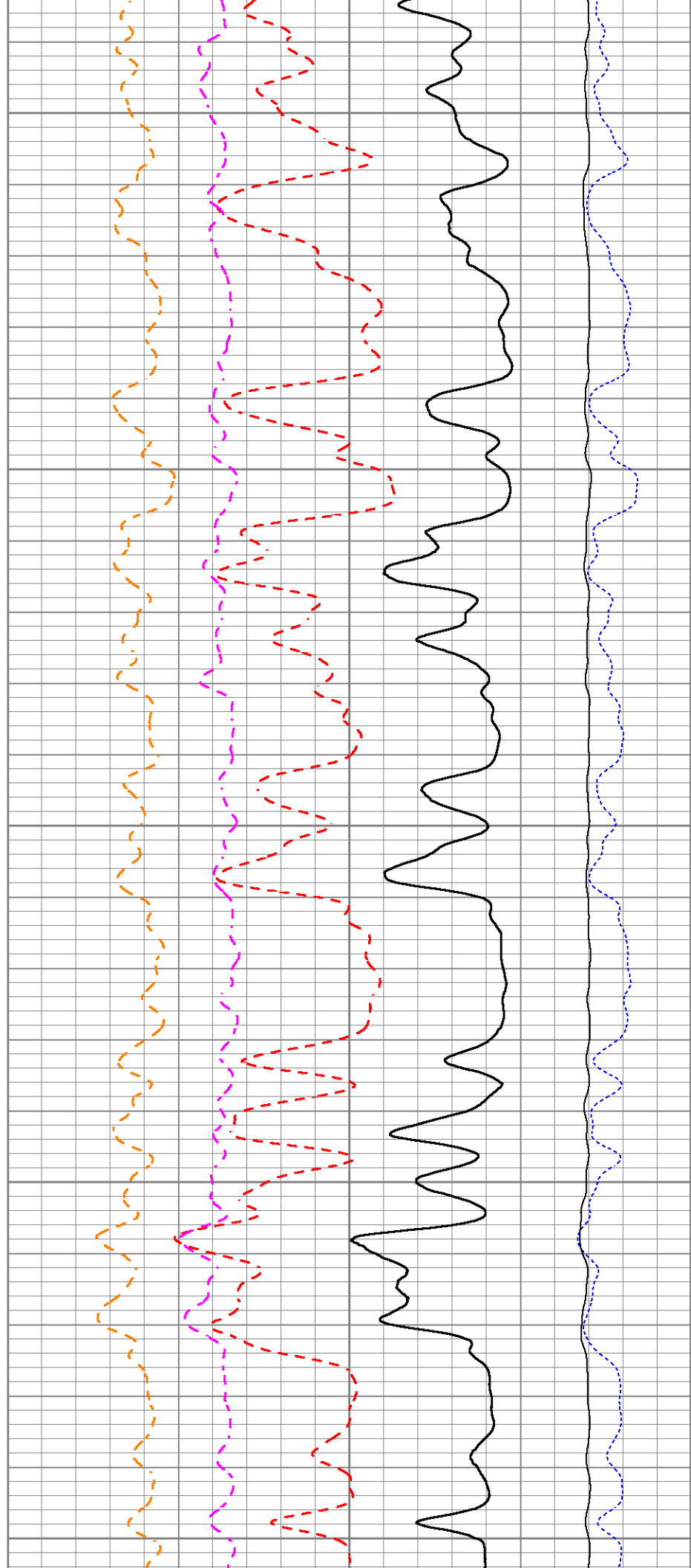
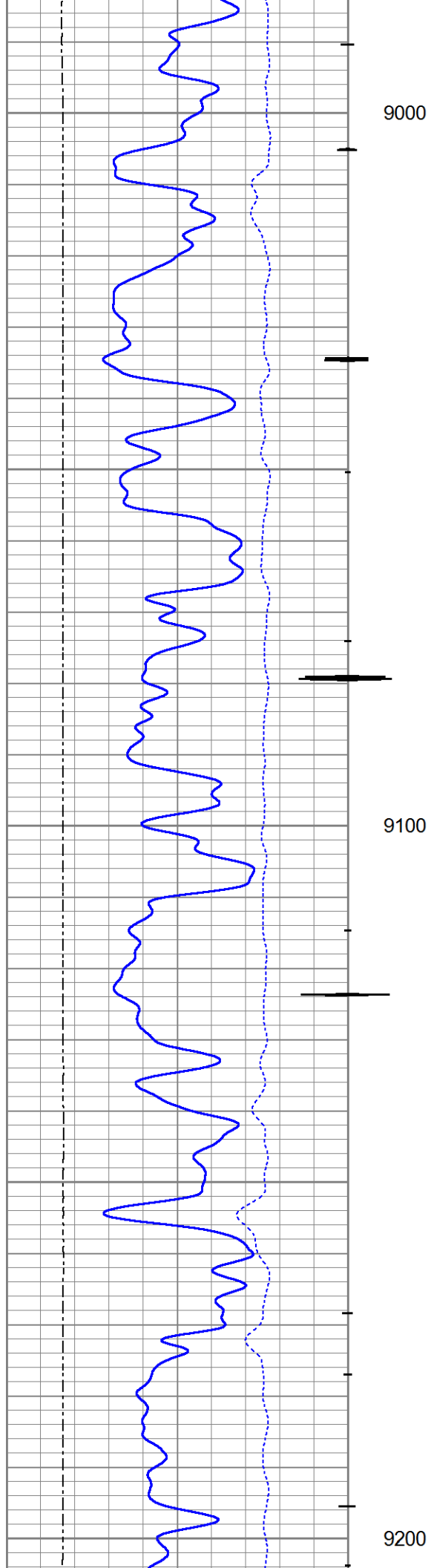
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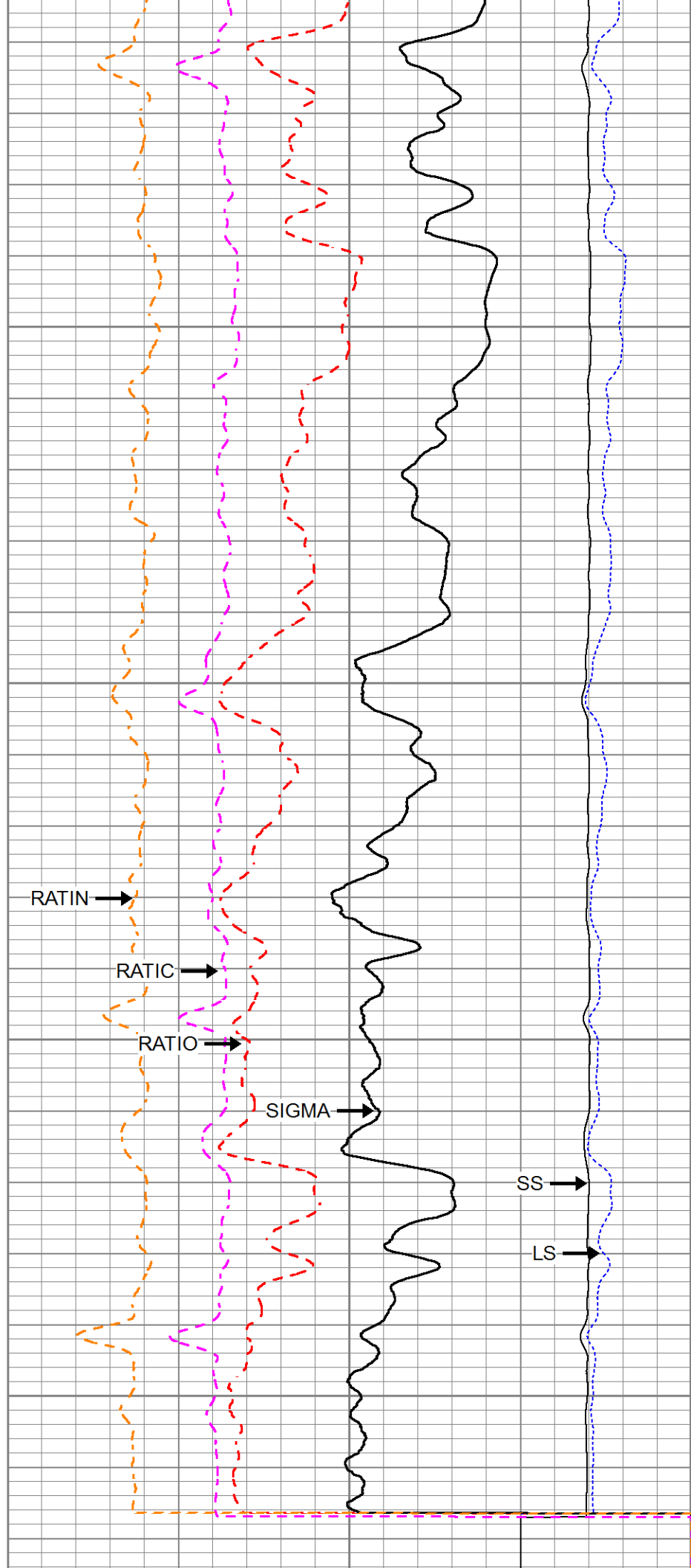
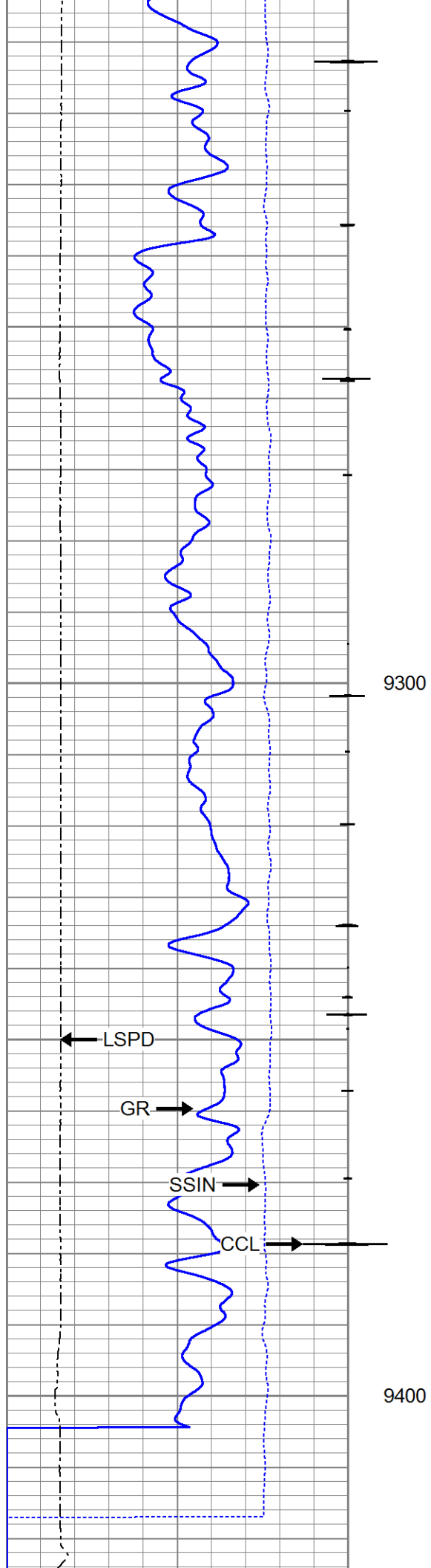
8700












0	Gamma Ray (GAPI)	150	10	RATIO	0
Casing Collar Locator			60	SIGMA (cu)	0
0	Line Speed (ft/min)	100	0.35	RATIC	0
0	SSIN (cps)	500000	11	RATIN	0
				LS	0 (cps 550000)
				SS	0 (cps 4e+006)

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			<div>Titan_Electric_Cable_Heads-Titan_1-11</div> <div>Electric Cable Head with 1" Fishing Neck</div>	161.03	1.69	5.40
			<div>Telemetry-Antares</div> <div>Antares Telemetry / Gamma / CCL</div>	4.07	1.70	17.60
			<div>Generator-Antares</div> <div>Antares Neutron Generator</div>	19.03	1.70	85.80

Dataset: pdn dummy.db: field/well/run1/PDN_Tool_Diagram Total length: 24.13 ft Total weight: 108.80 lb O.D.: 1.70 in						

	Company	TEP Rocky Mountain LLC
	Well	Chevron TR 414-21-597
	Field	Trail Ridge
	County	Garfield
	State	Colorado