



Pulsed Neutron  
Gamma Ray  
Casing Collar Log

Company TEP Rocky Mountain LLC  
Well Chevron TR 13-21-597  
Field Trail Ridge  
County Garfield State Colorado

Location: API #: 05-045-23347

SEC 21 TWP 5S RGE 97W

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

Elevation

K.B. 8316'

D.F. 8315'

G.L. 8292'

Date 30-MAR-2017

Run Number One

Depth Driller 9847 FT

Depth Logger 9800 FT

Bottom Logged Interval 9784 FT

Top Log Interval 3913 FT

Open Hole Size 8.750"

Type Fluid Water

Density / Viscosity 8.34 lb/gal

Max. Recorded Temp. 260 °F

Estimated Cement Top ---

Time Well Ready ---

Time Logger on Bottom ---

Equipment Number ---

Location Grand Junction, CO

Recorded By A. Ellsworth

Witnessed By ---

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size (in)	Wgt (lbs/Ft)	Grade	Top	Bottom		
Surface Casing	9 5/8	36 & 40	---	Surface	2815 FT		
Intermediate #1	4 1/2	11.6	---	Surface	9847 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 RBL dated 27-MAR-2017  
Log ran from 9784 FT to 3913 FT

Thank you for choosing Reliance Oilfield Services, LLC!!



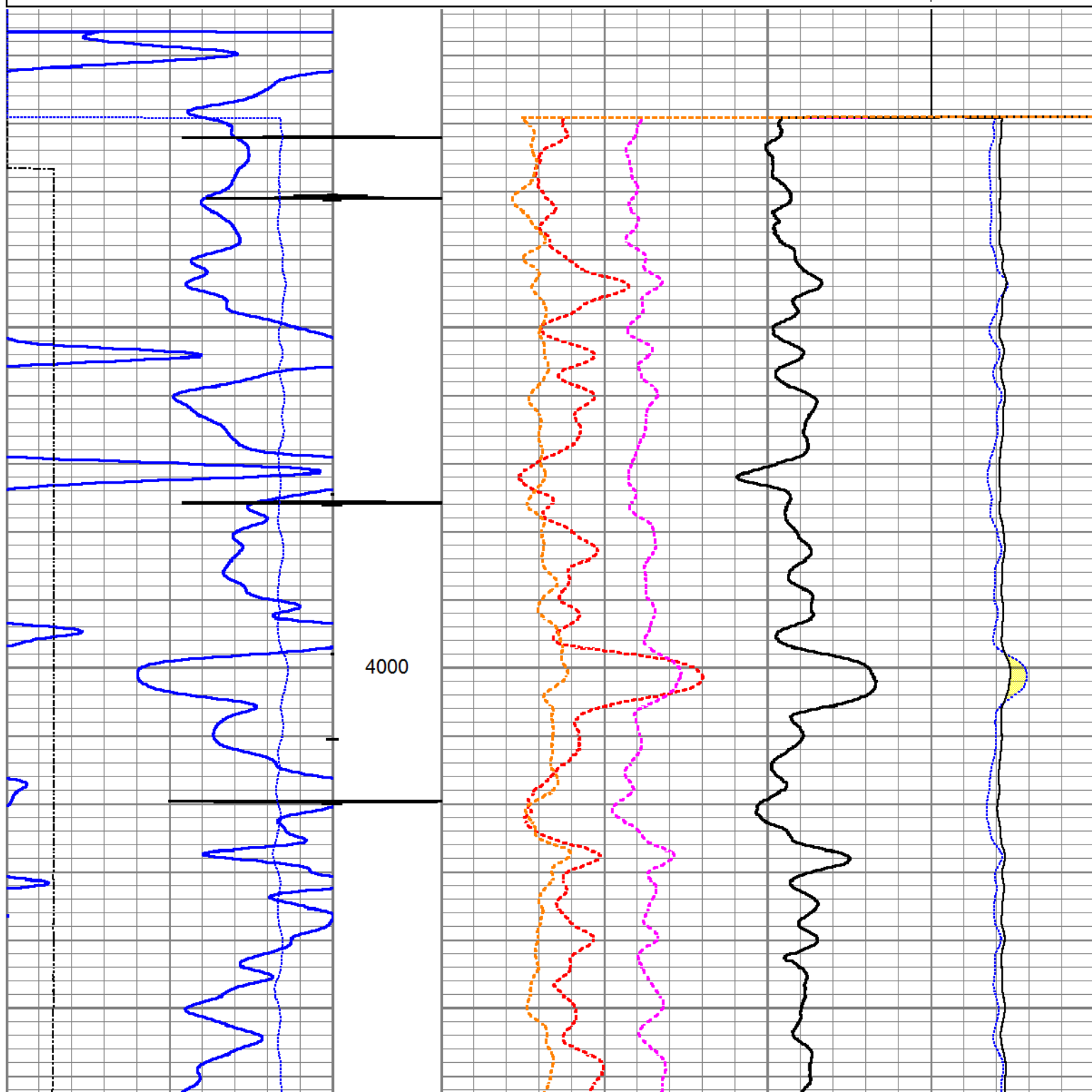
Main Pass

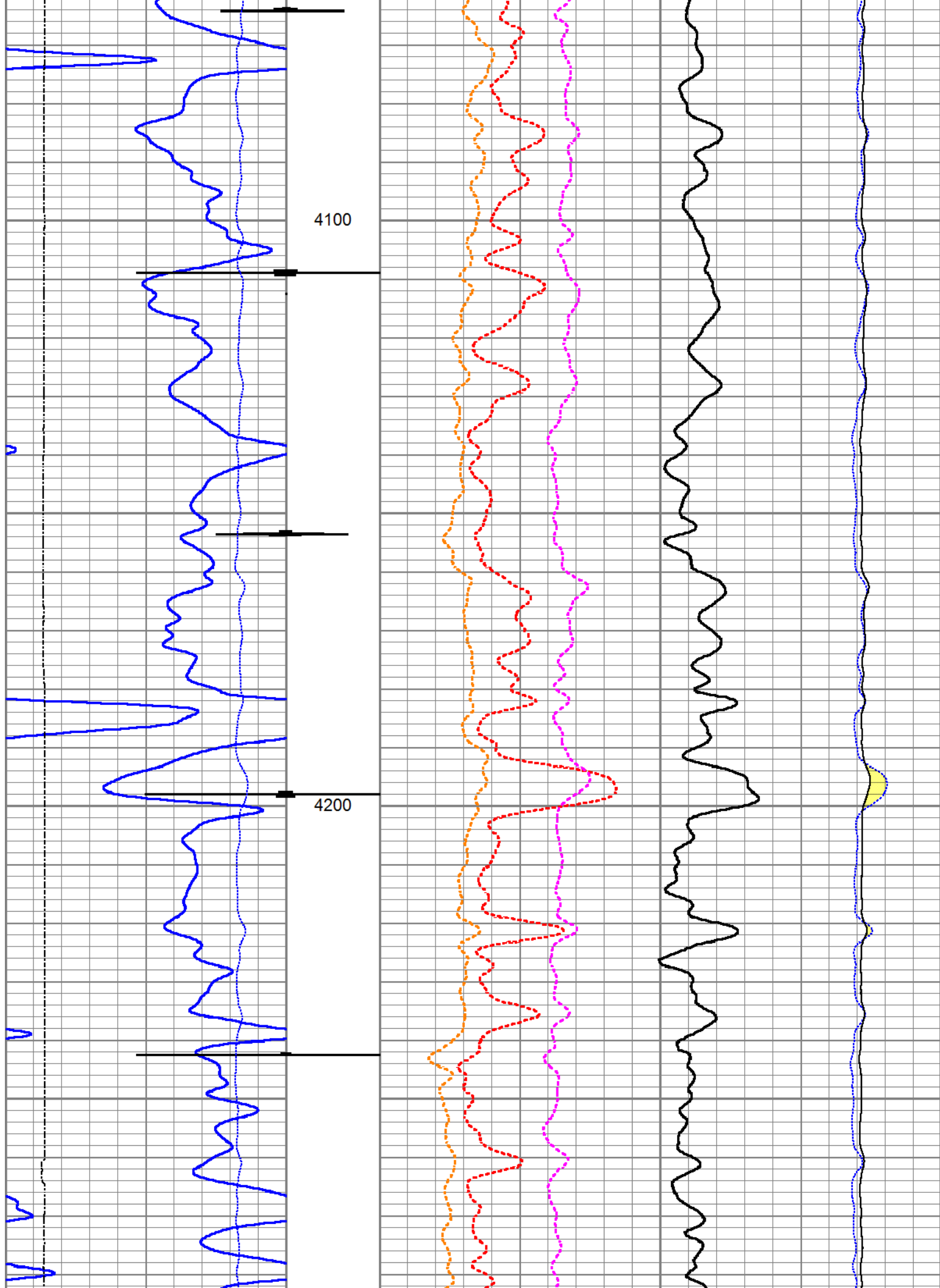
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Dataset Pathname tr\_13-21-597\_pdn  
Presentation Format ros\_pdn  
Dataset Creation Tue Apr 11 10:34:46 2017  
Charted by Depth in Feet scaled 1:240

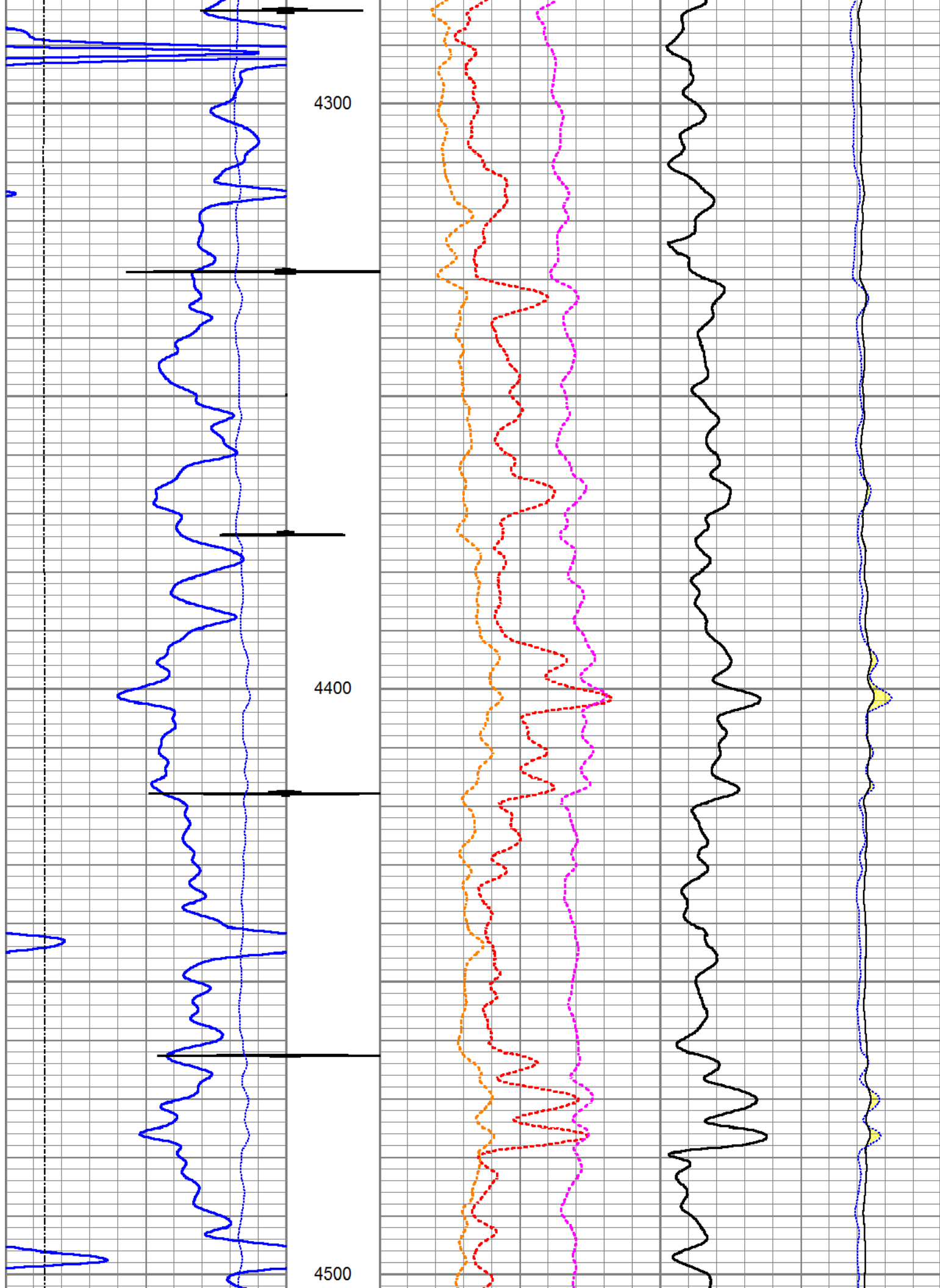
0	Gamma Ray (GAPI)	150
Casing Collar Locator		
0	Line Speed (ft/min)	100
0	SSIN (cps)	500000

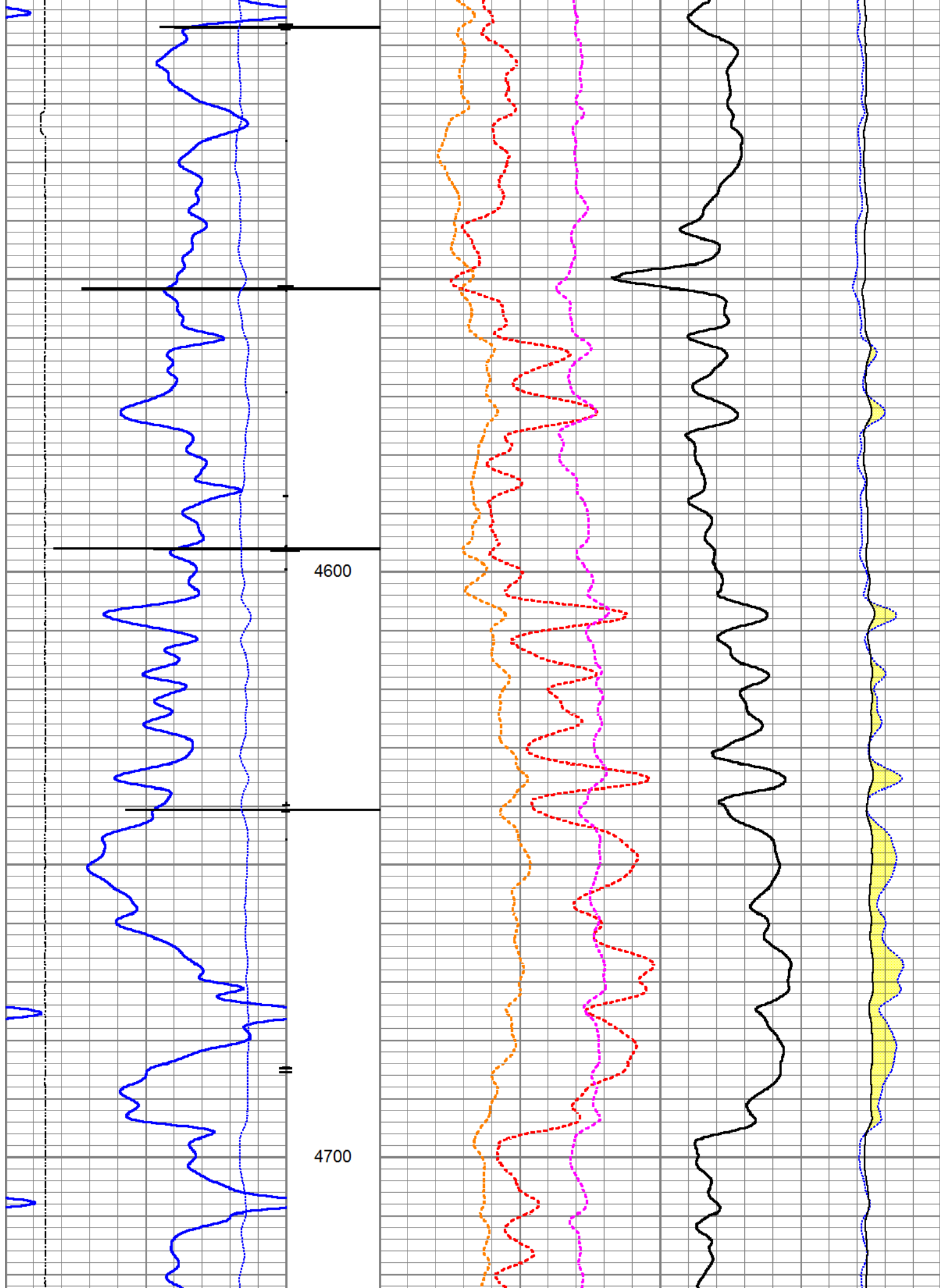
10	RATIO	0
60	SIGMA (cu)	0
0.35	RATIC	0
11	RATIN	0

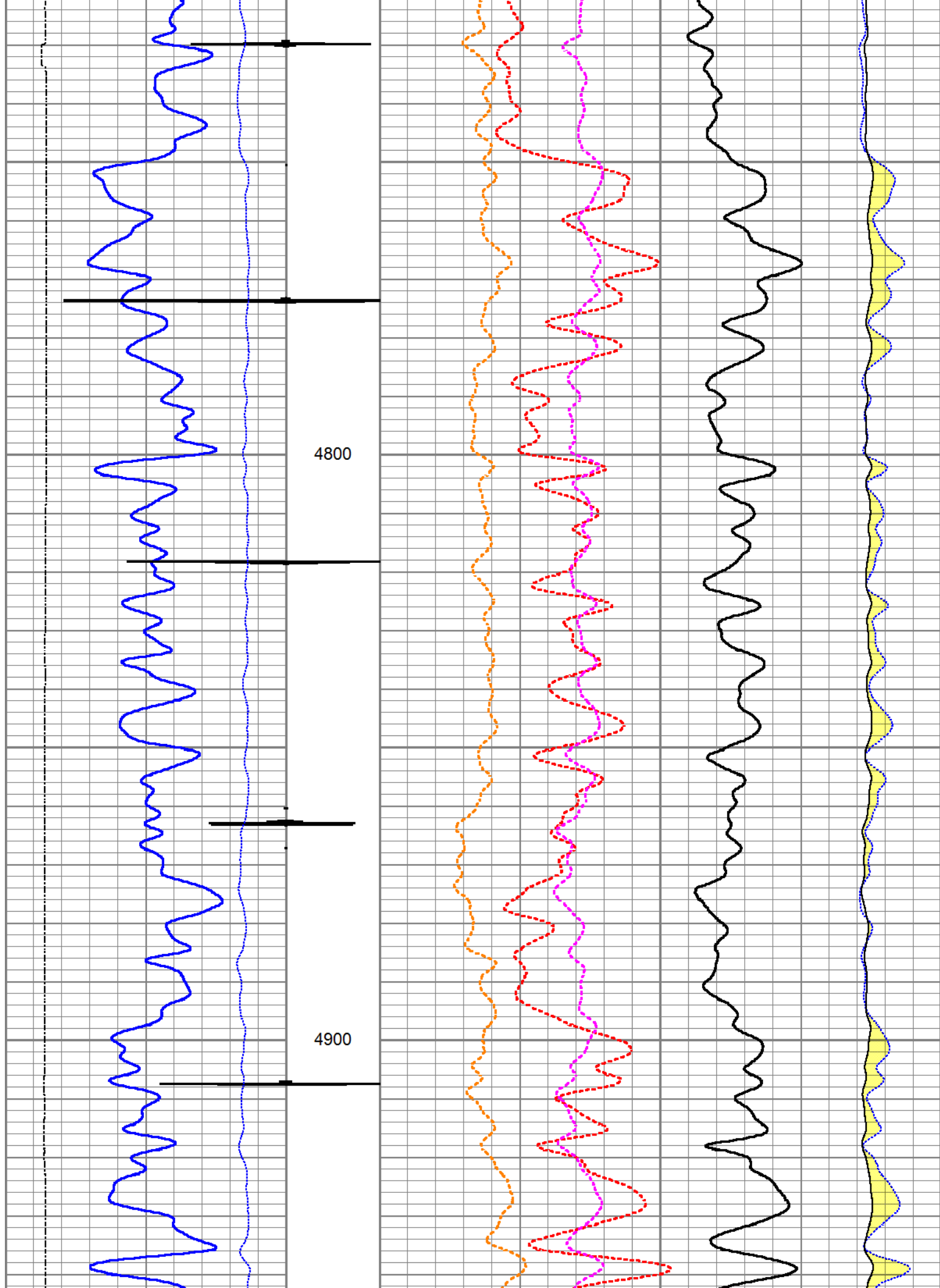
LS
0 (cps550000
SS
0 (cps4e+006

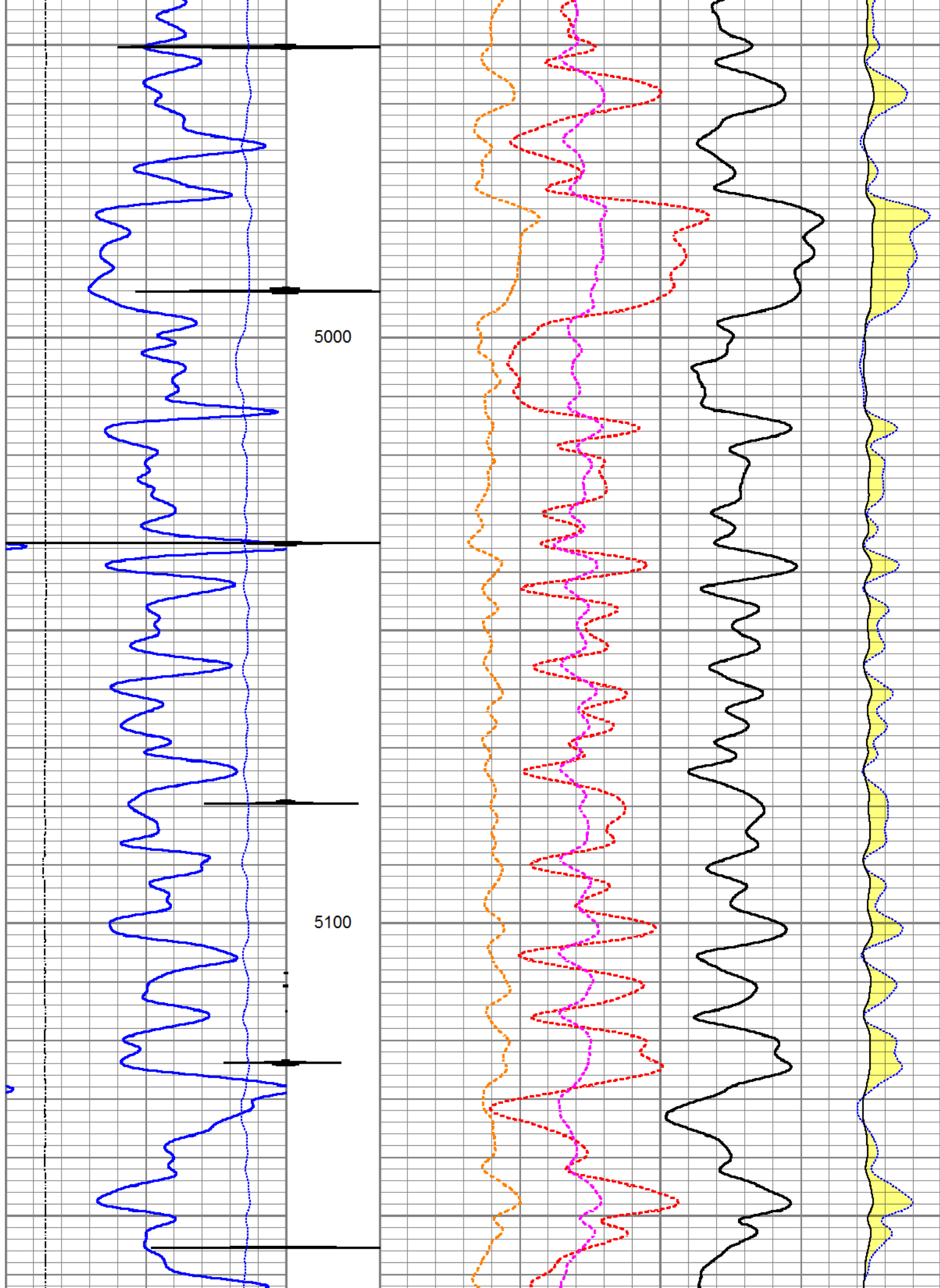


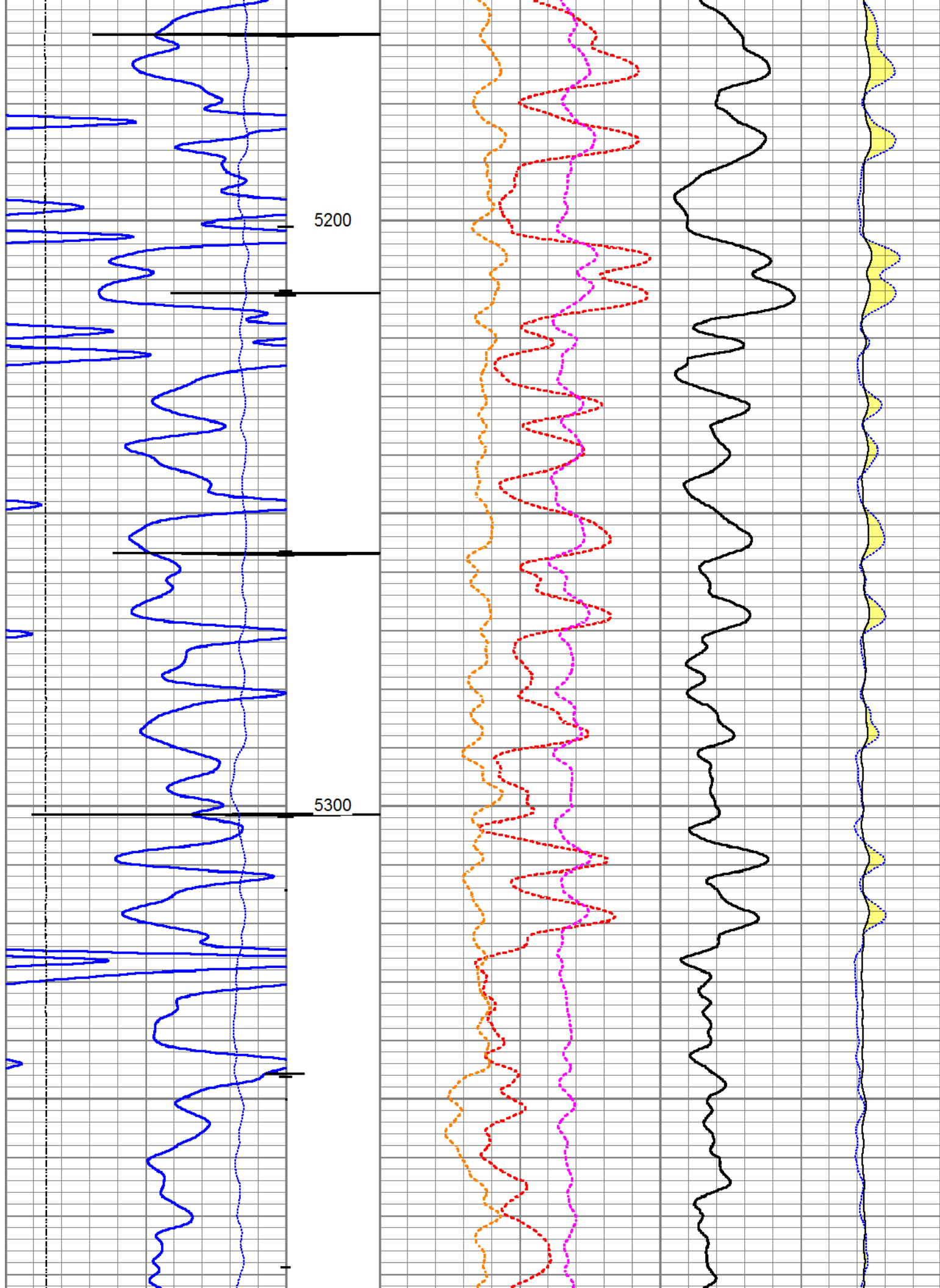




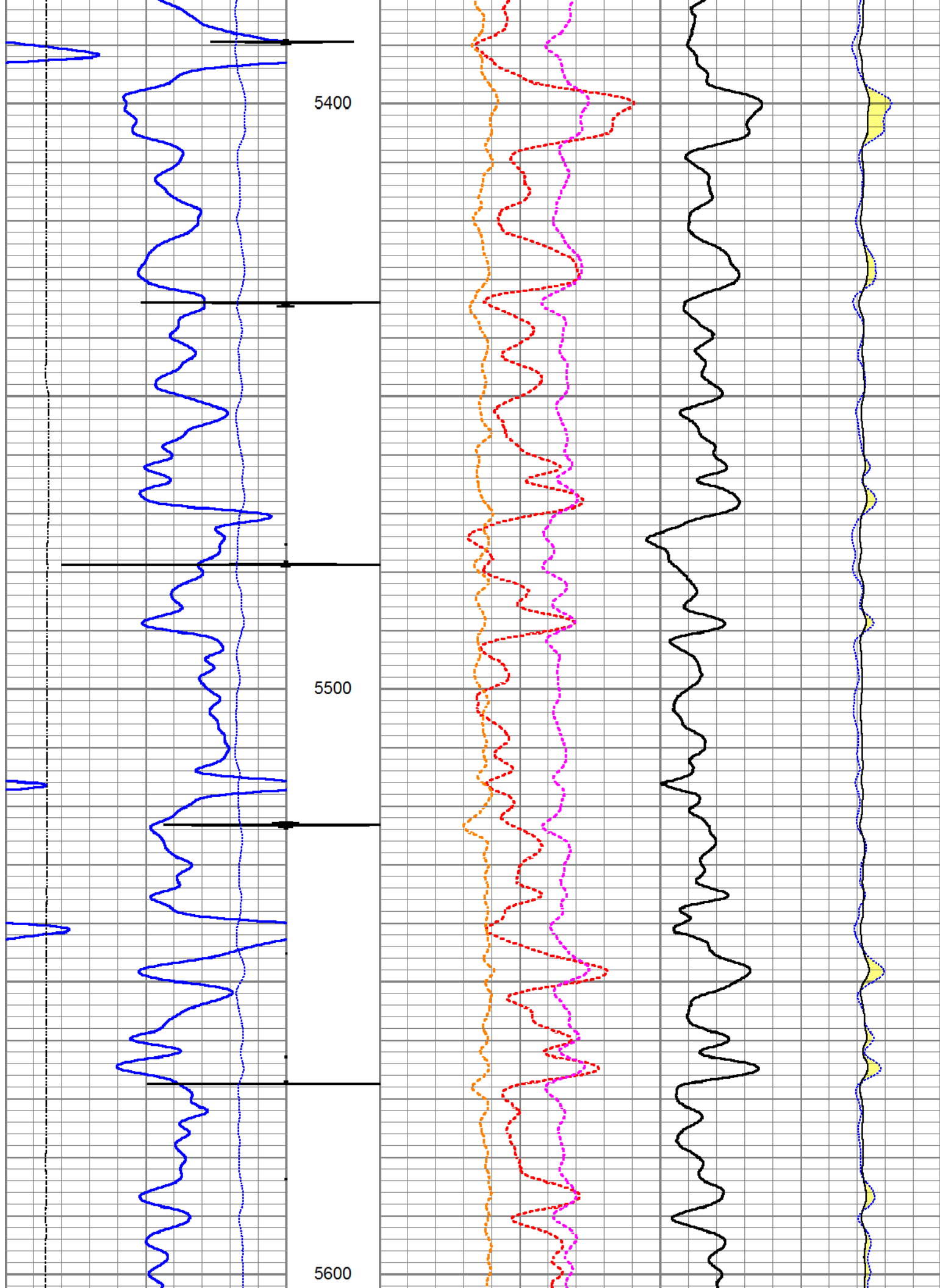


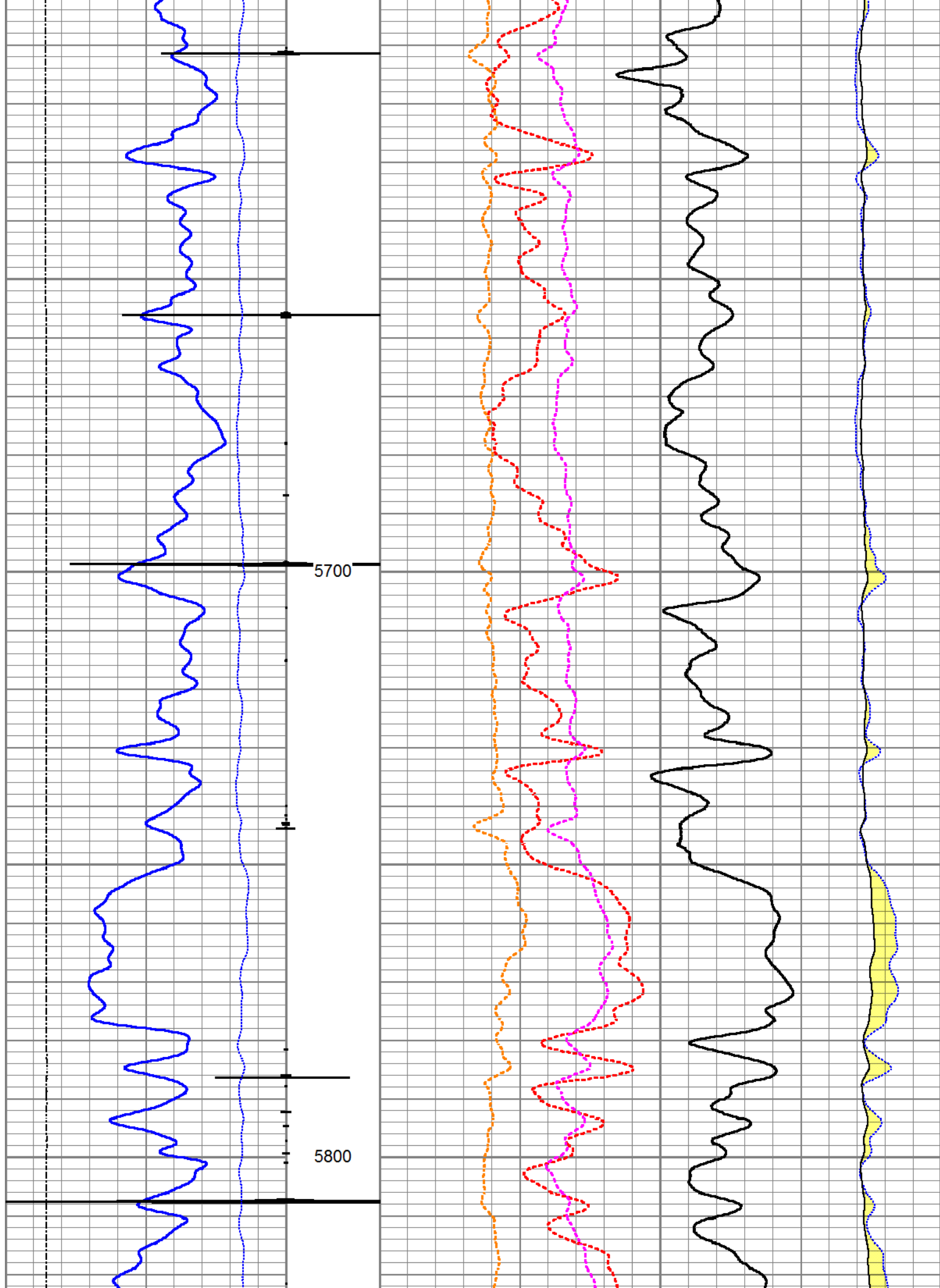


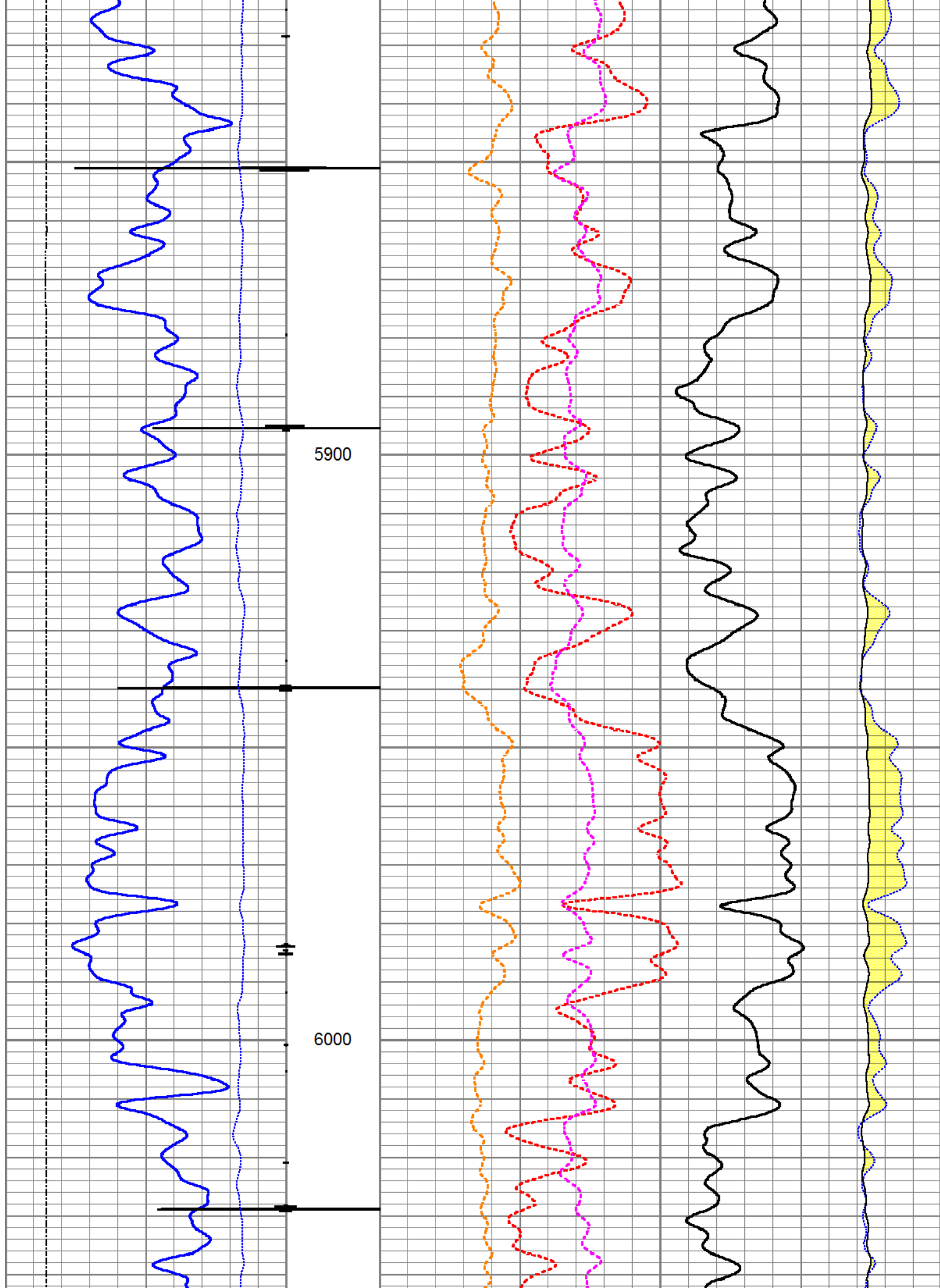


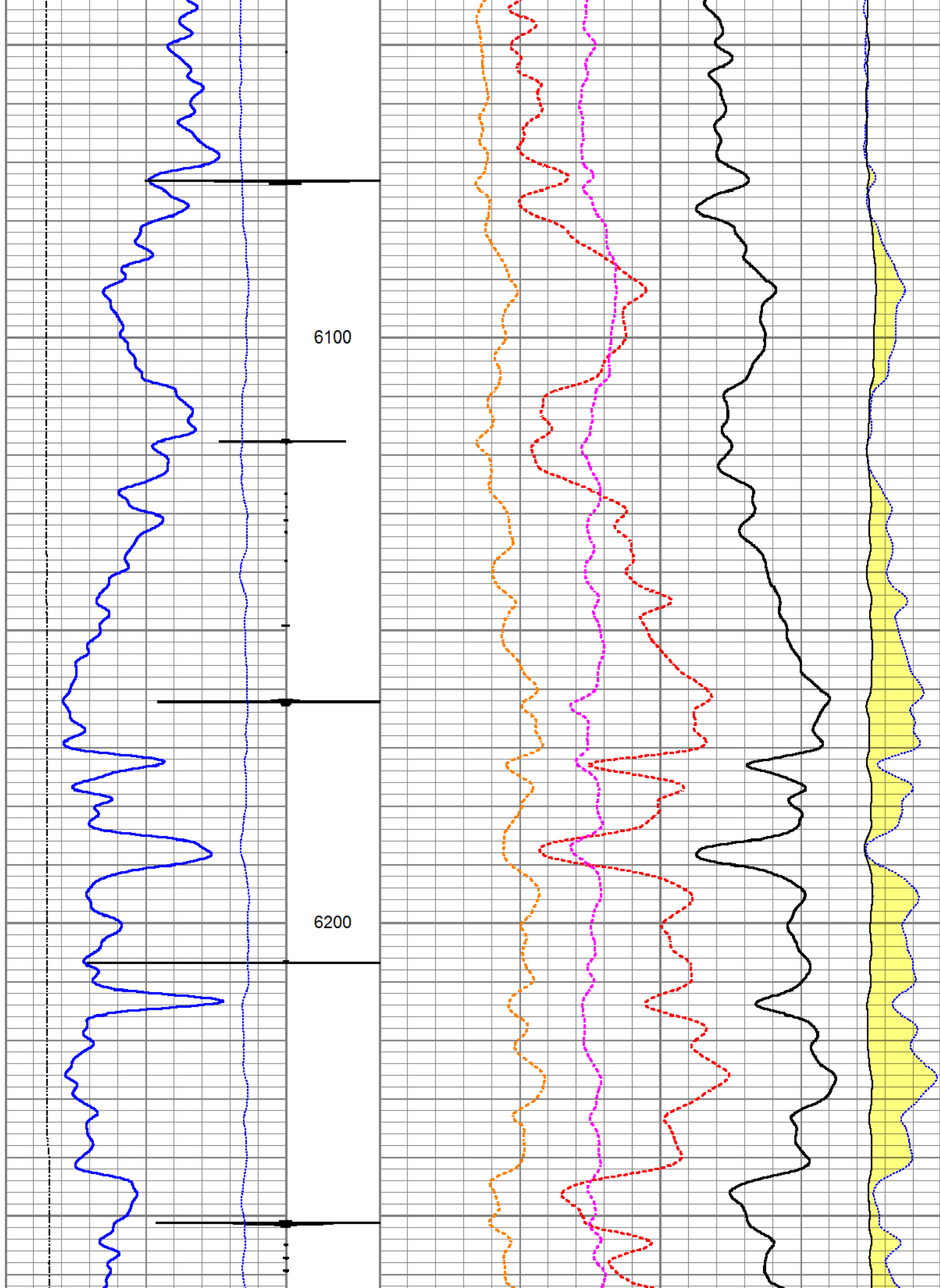


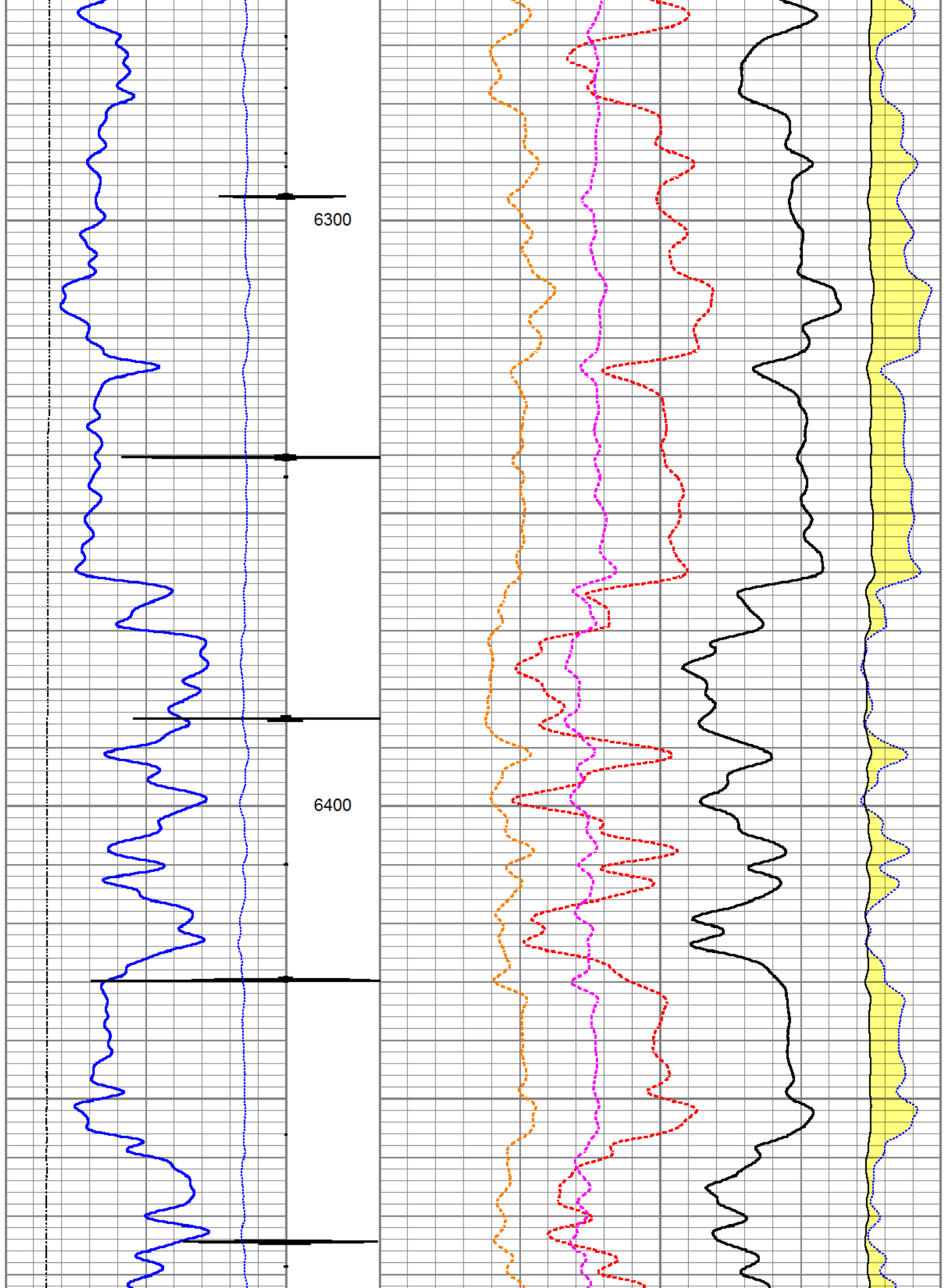


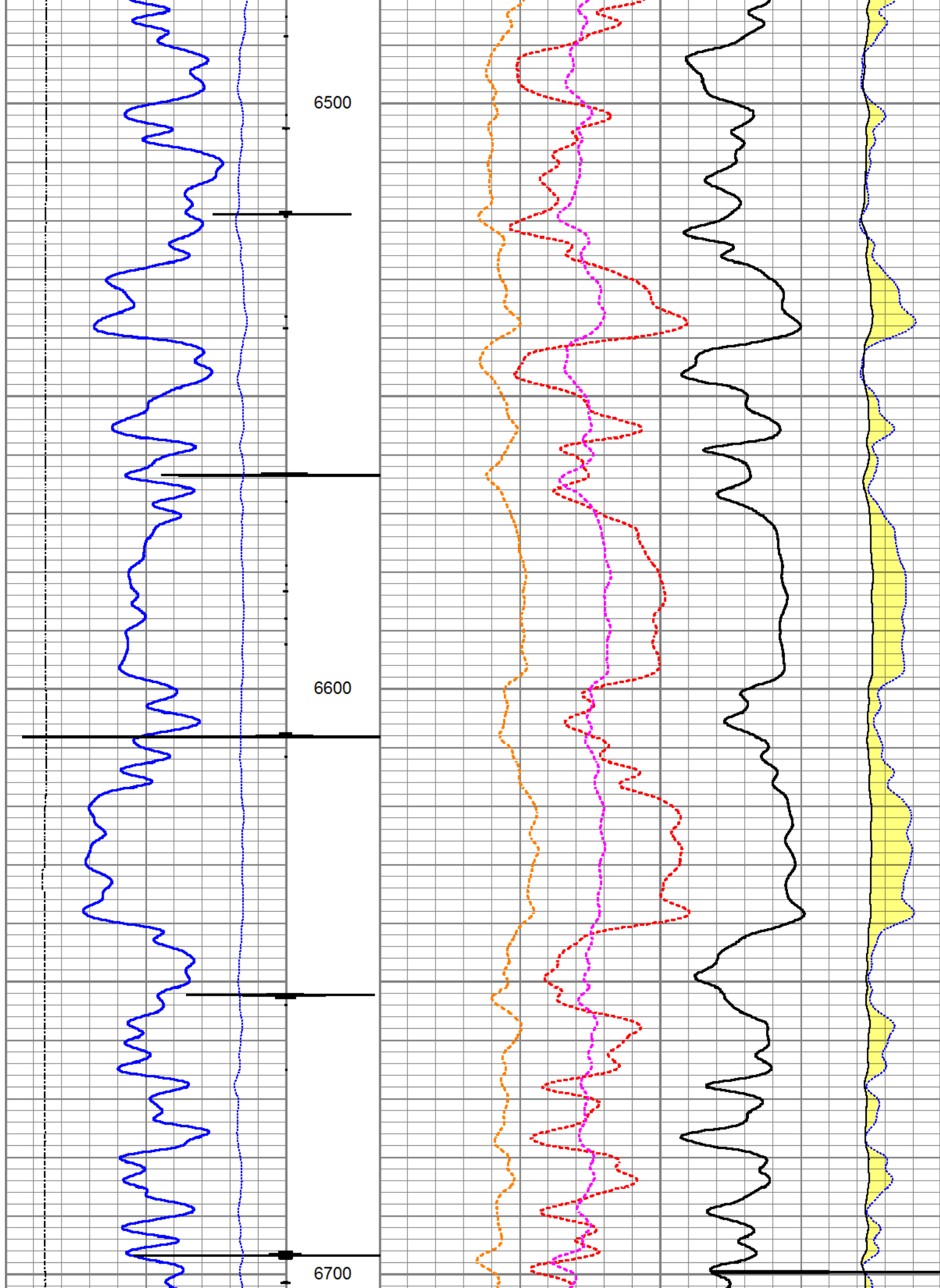


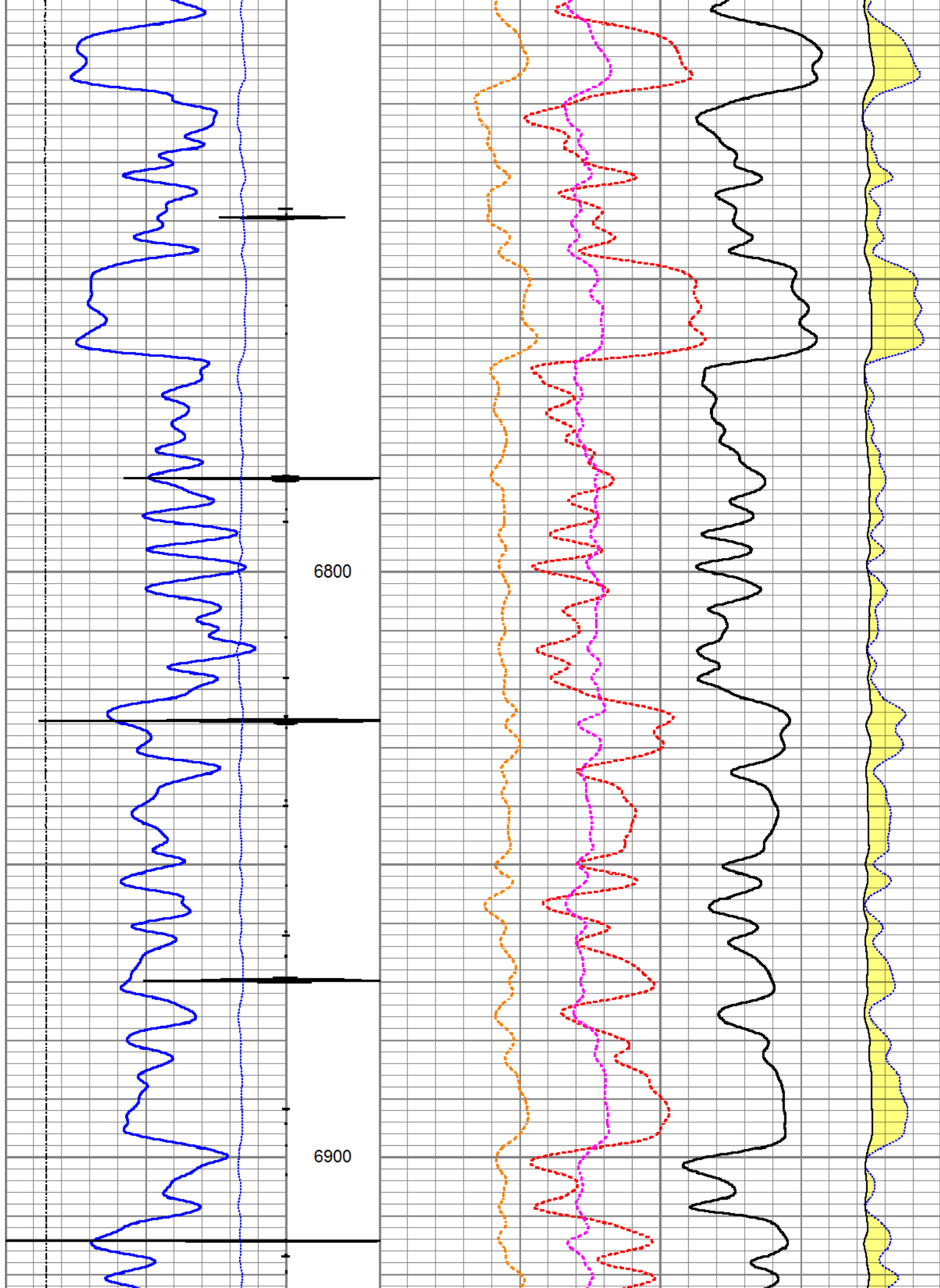


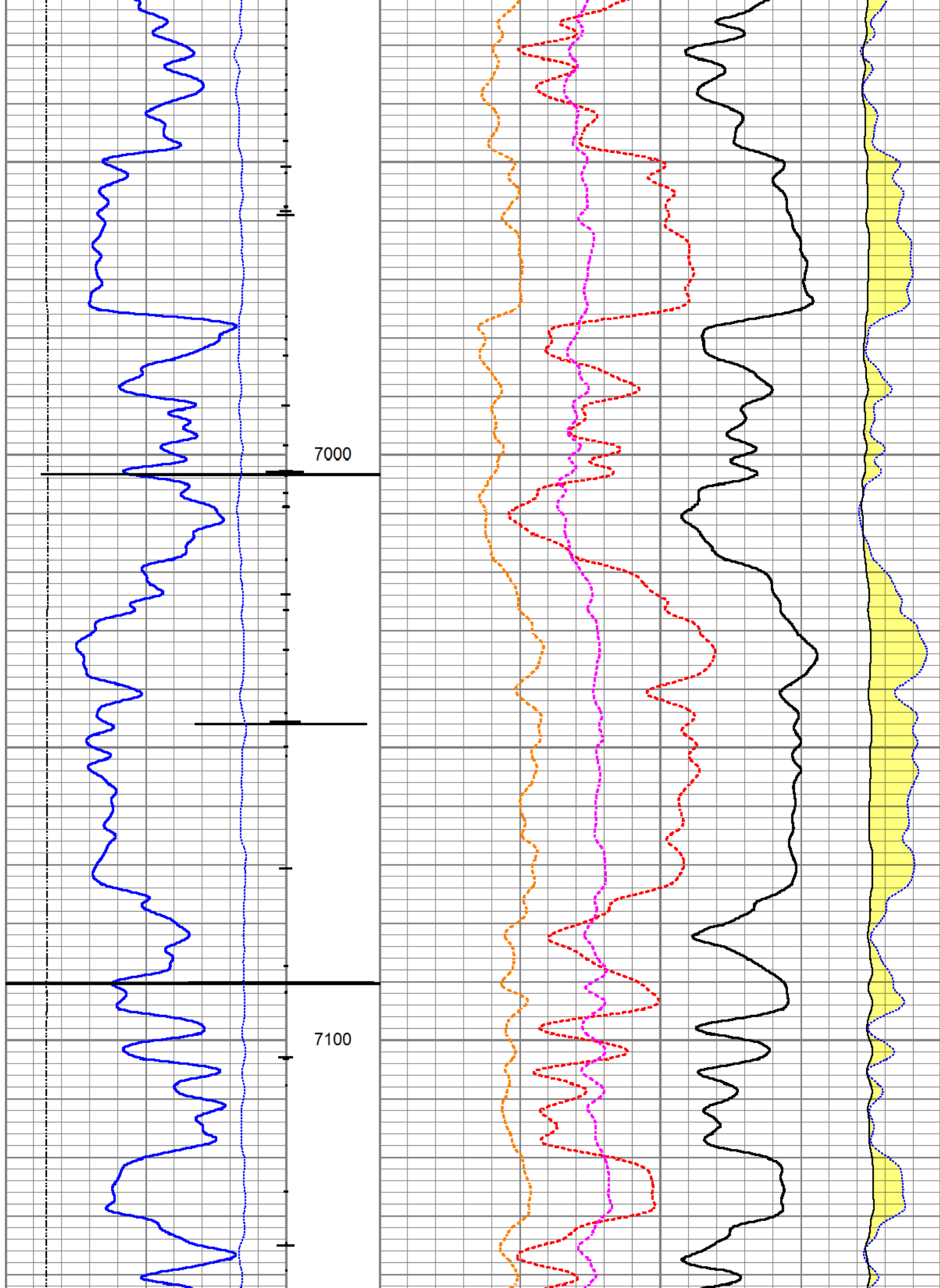




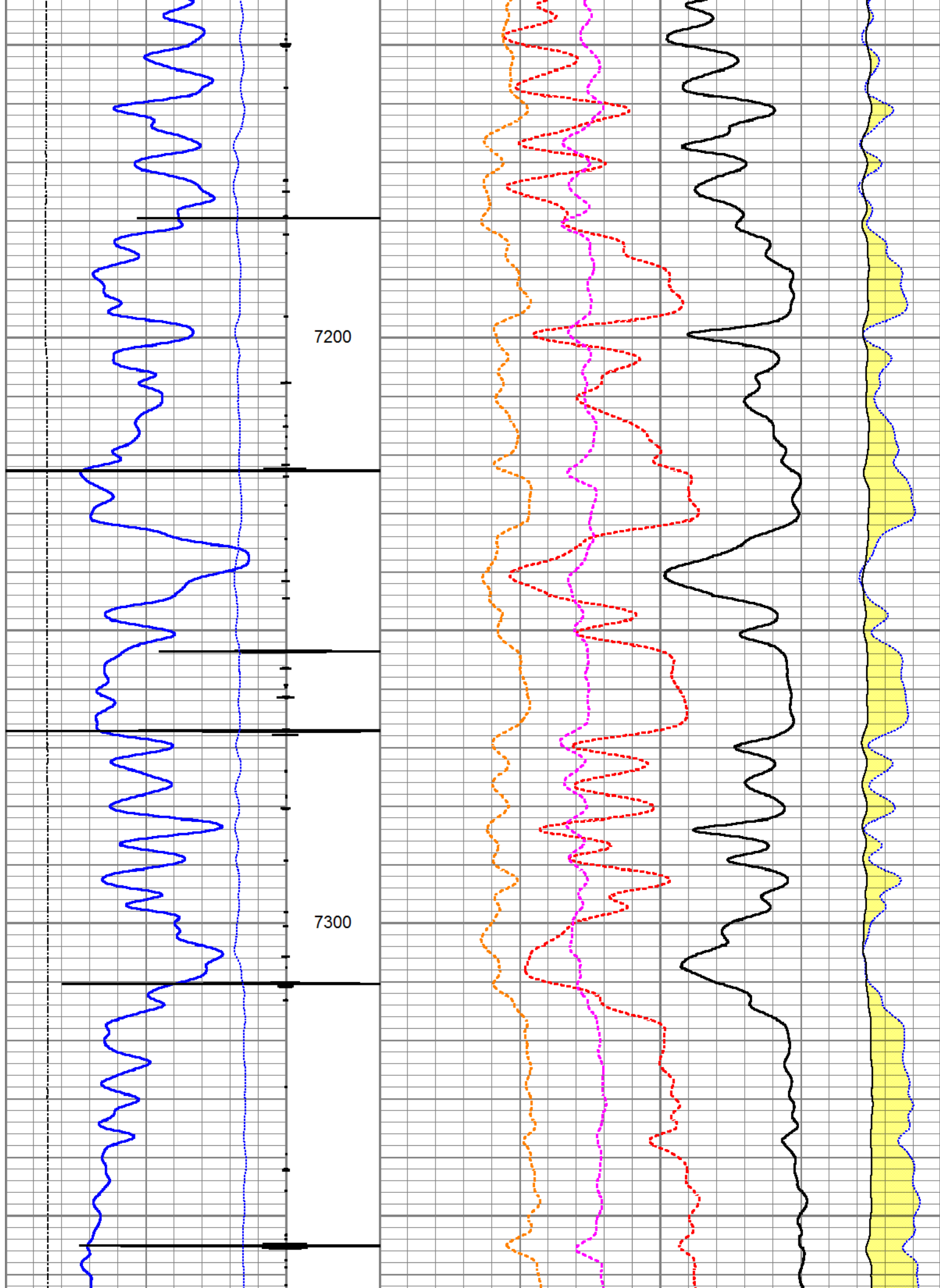


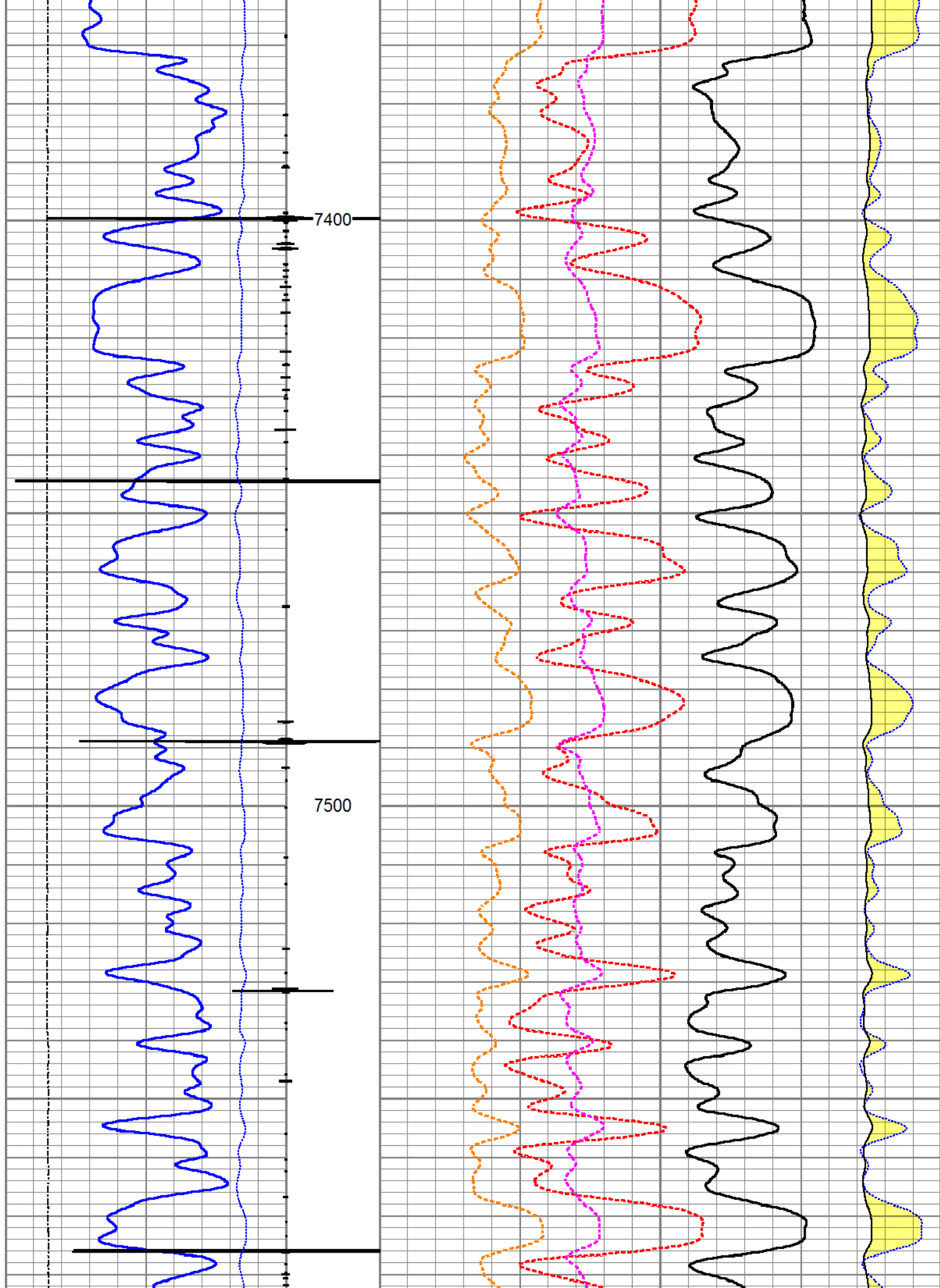


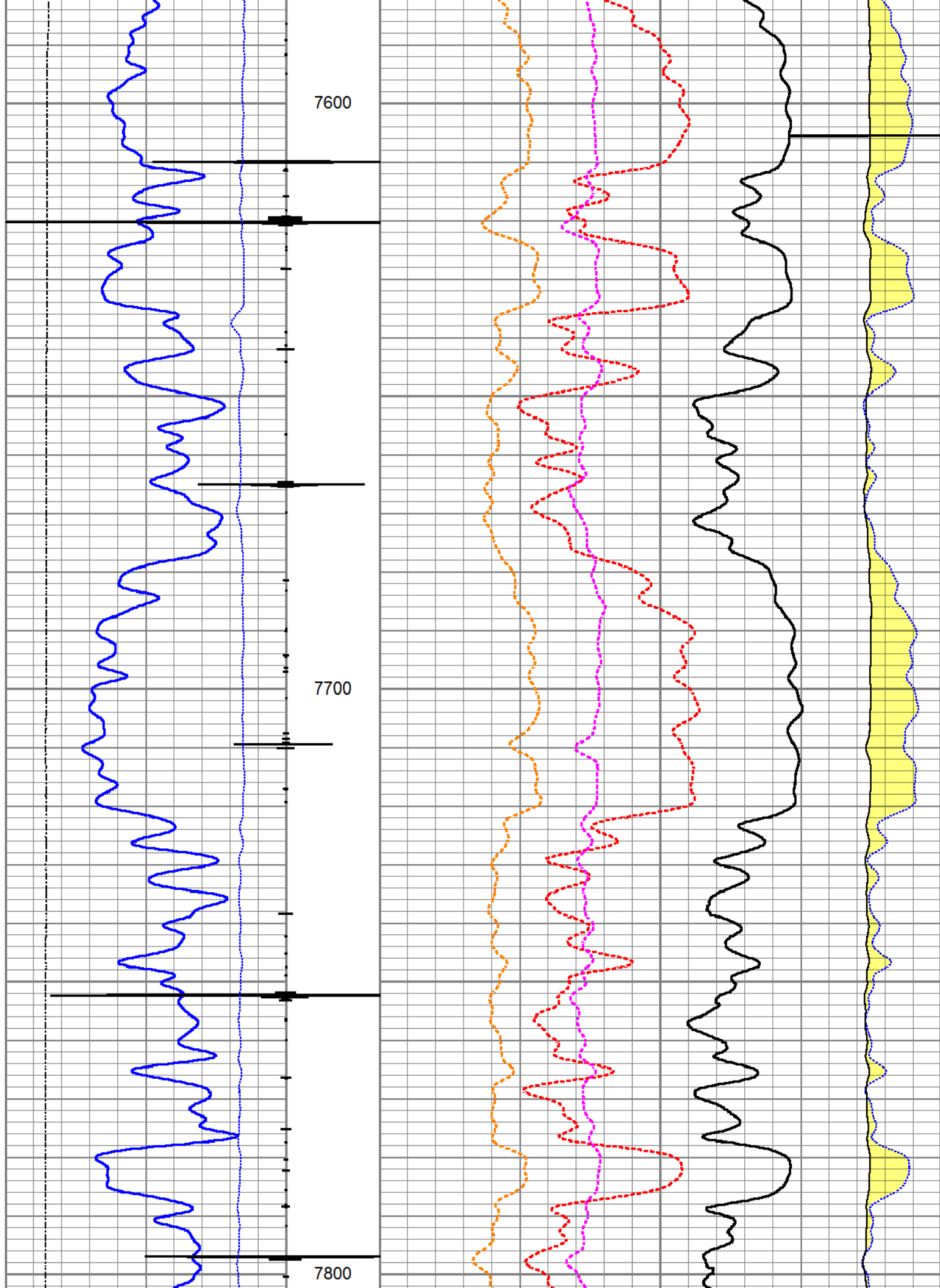


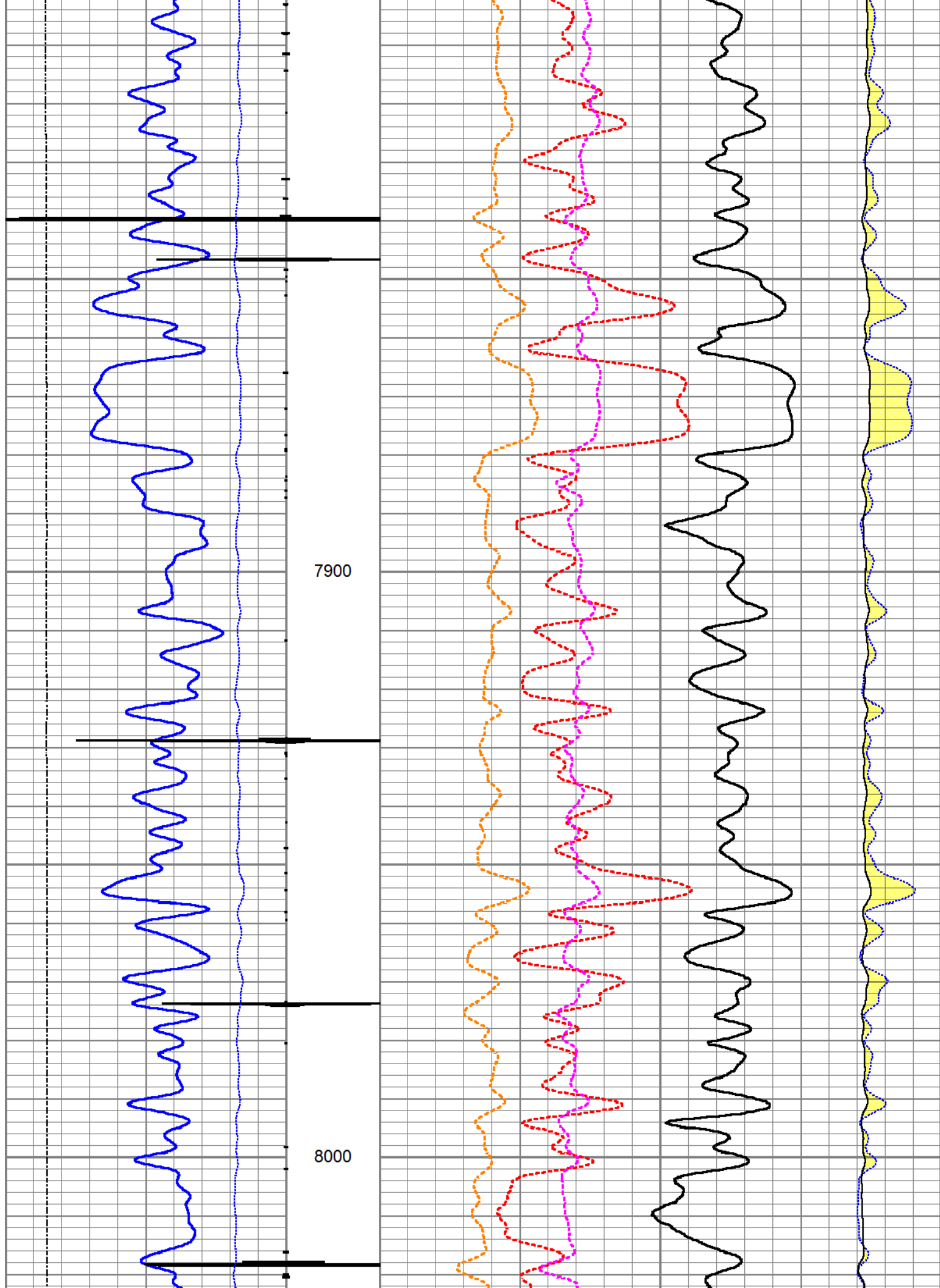


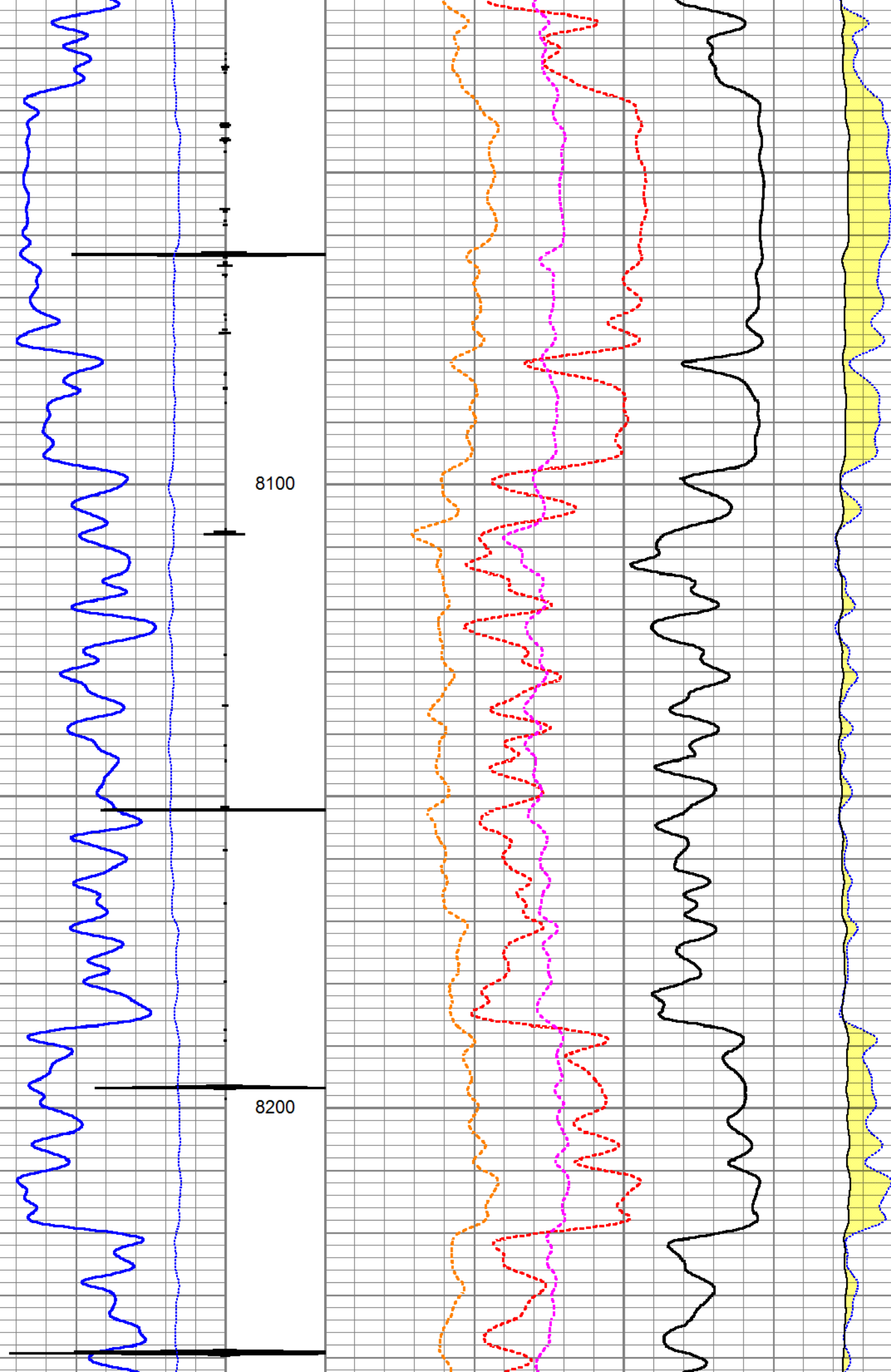


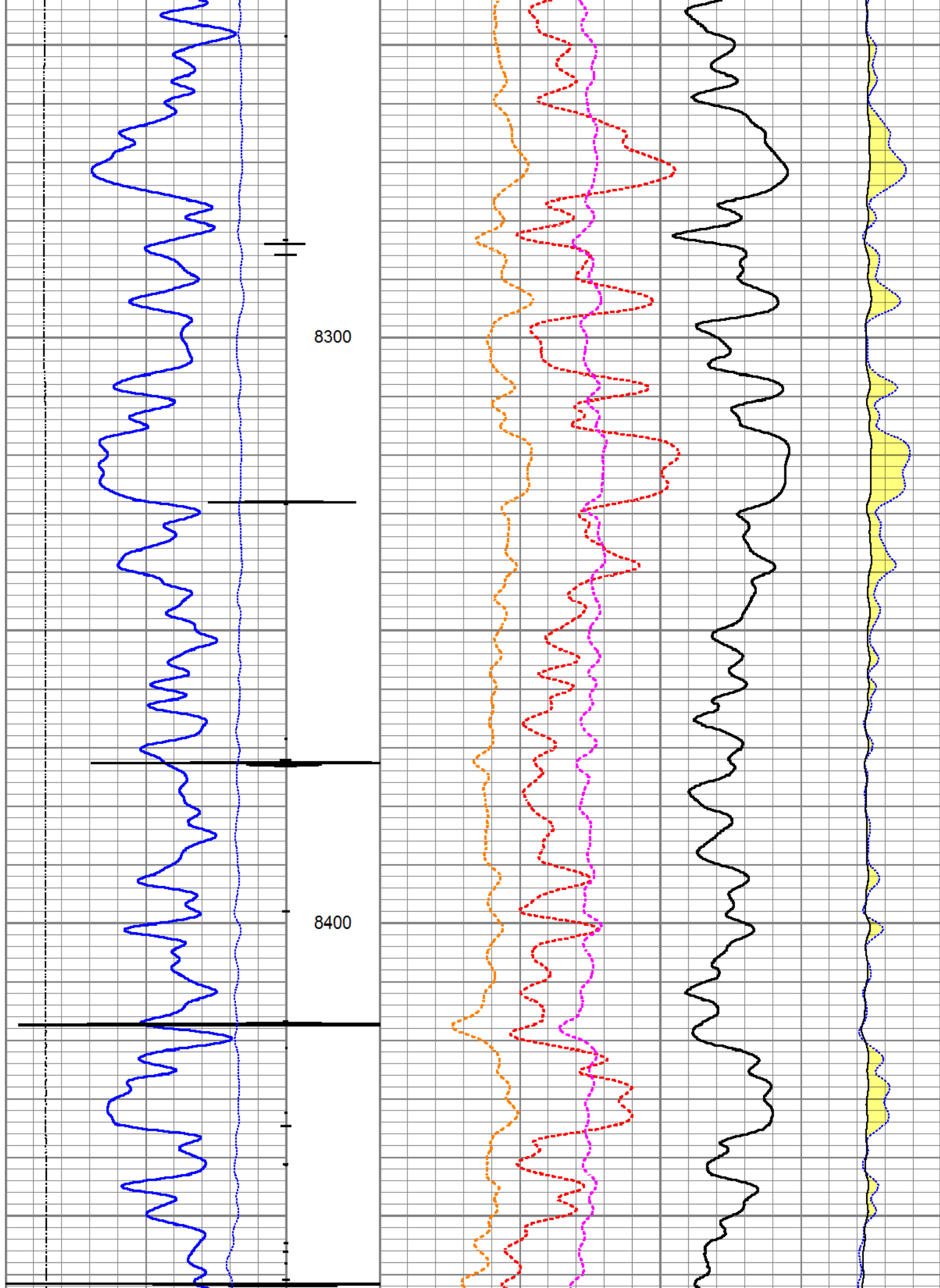


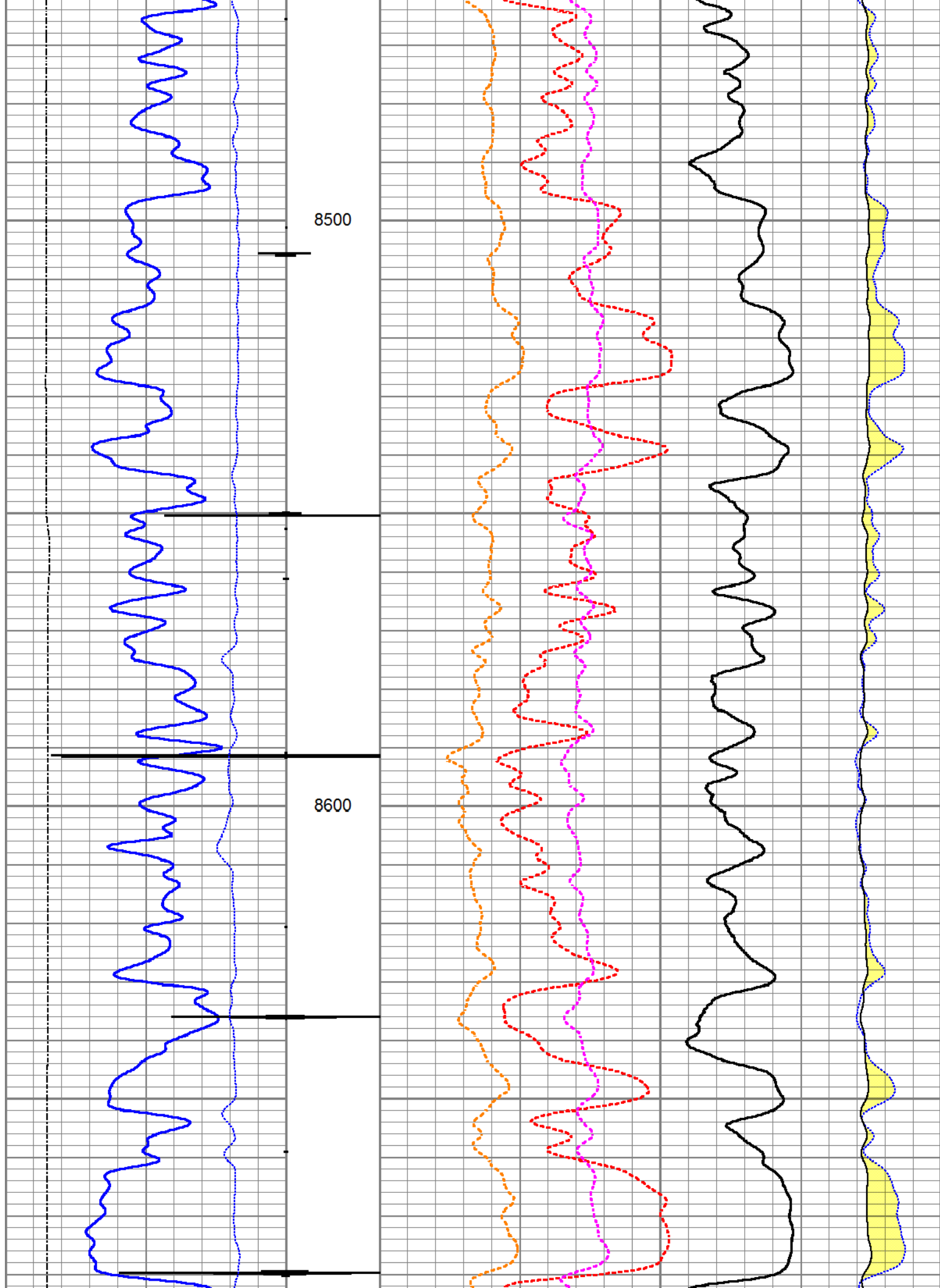


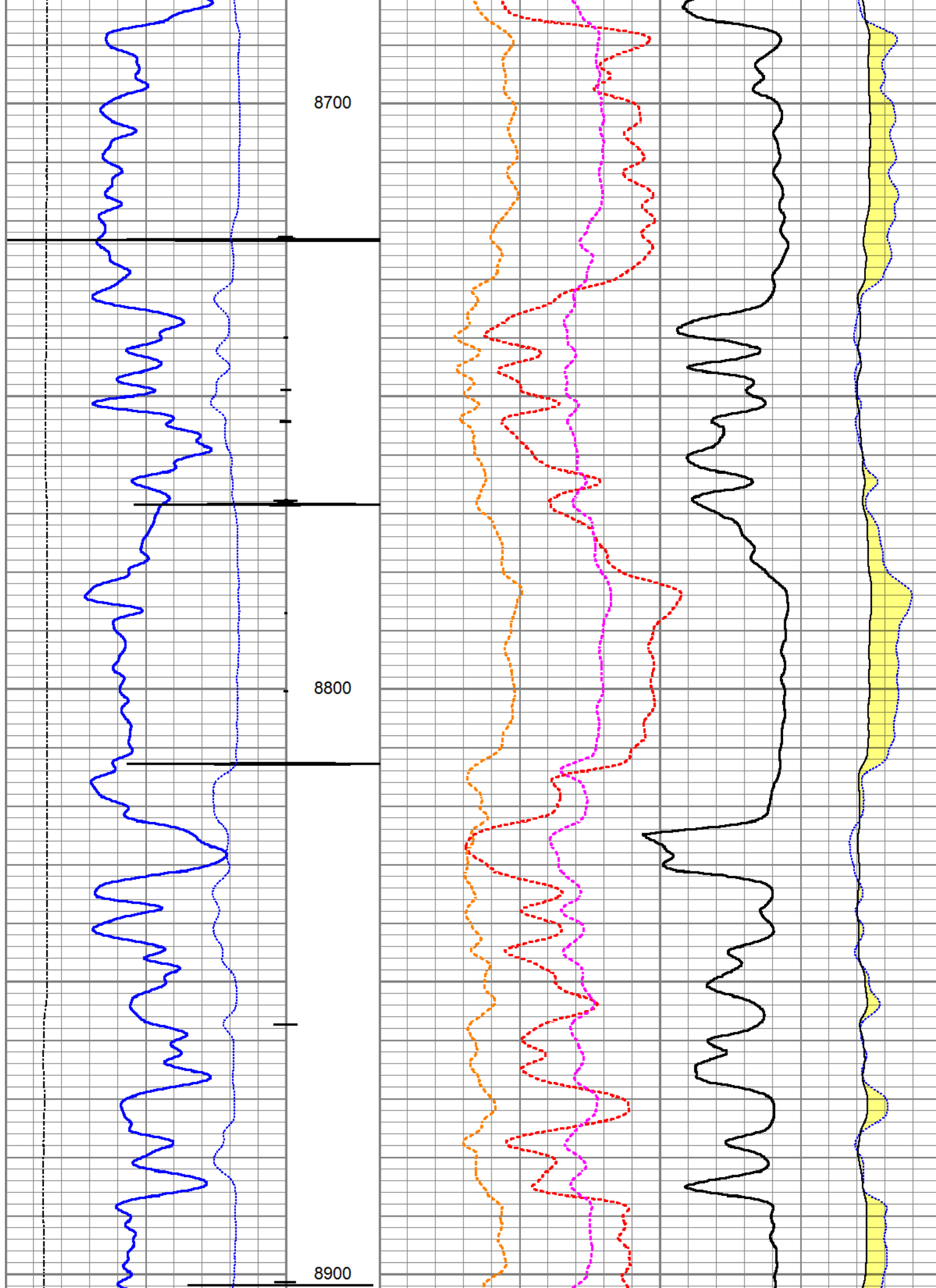




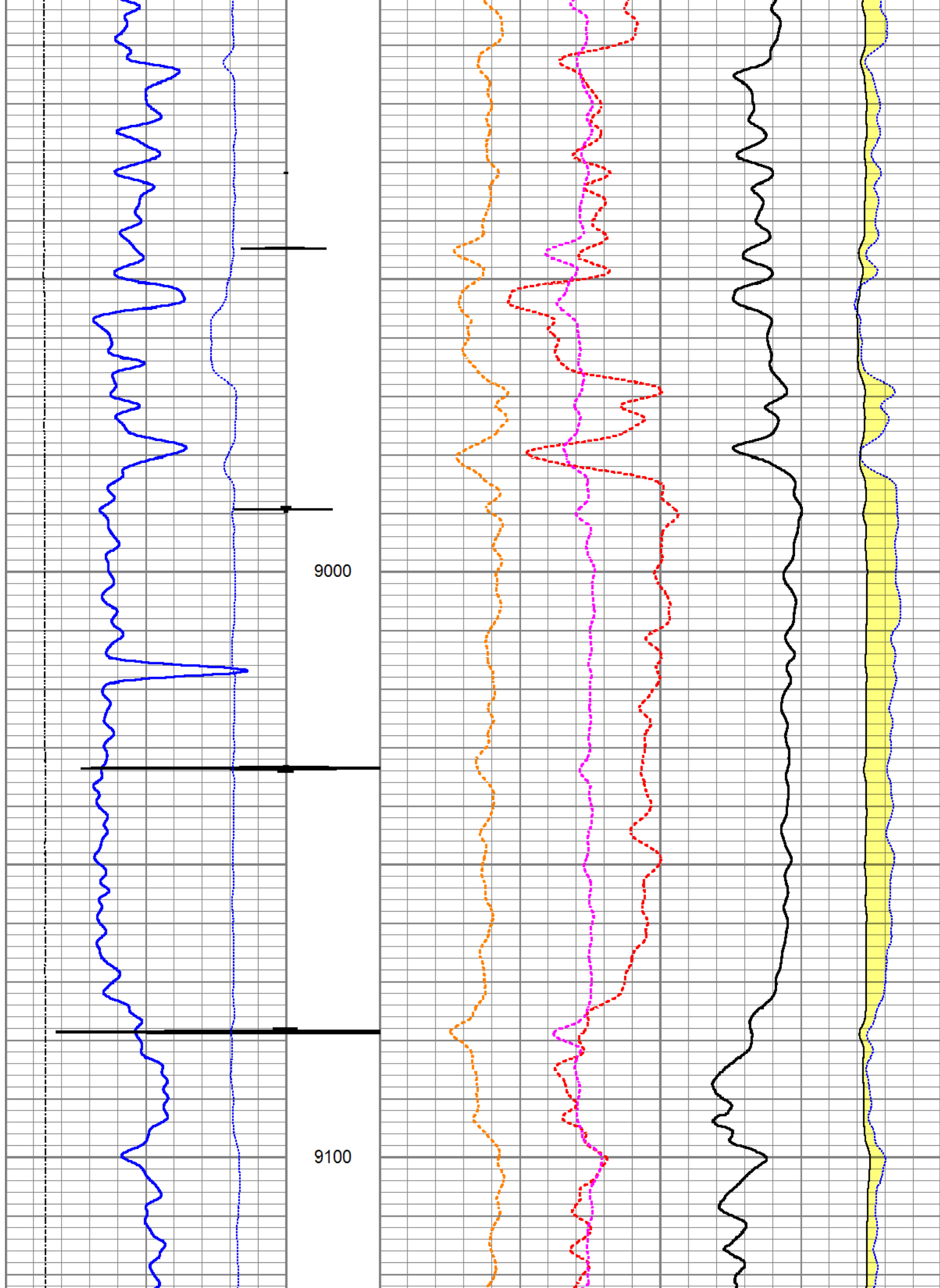


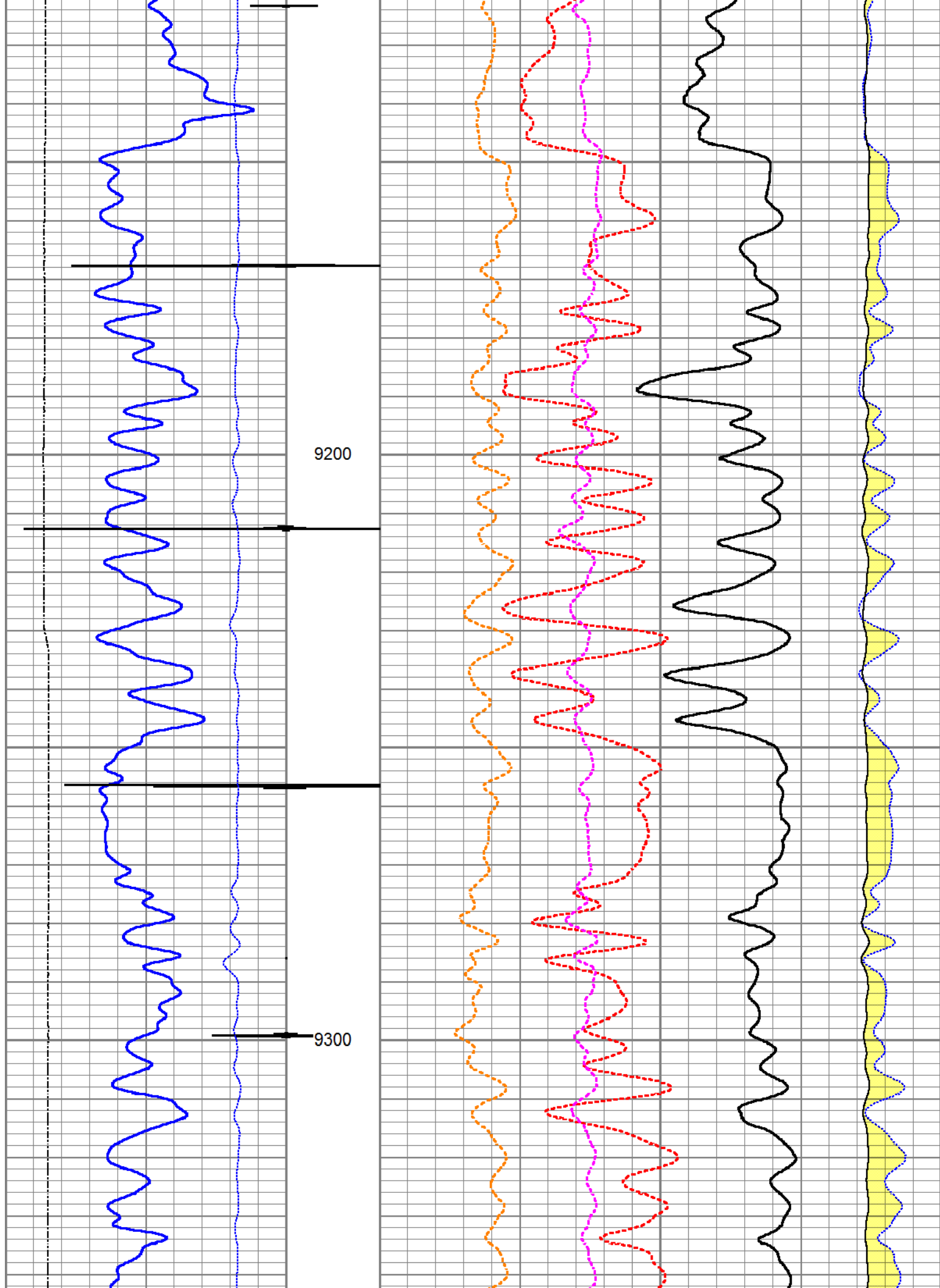


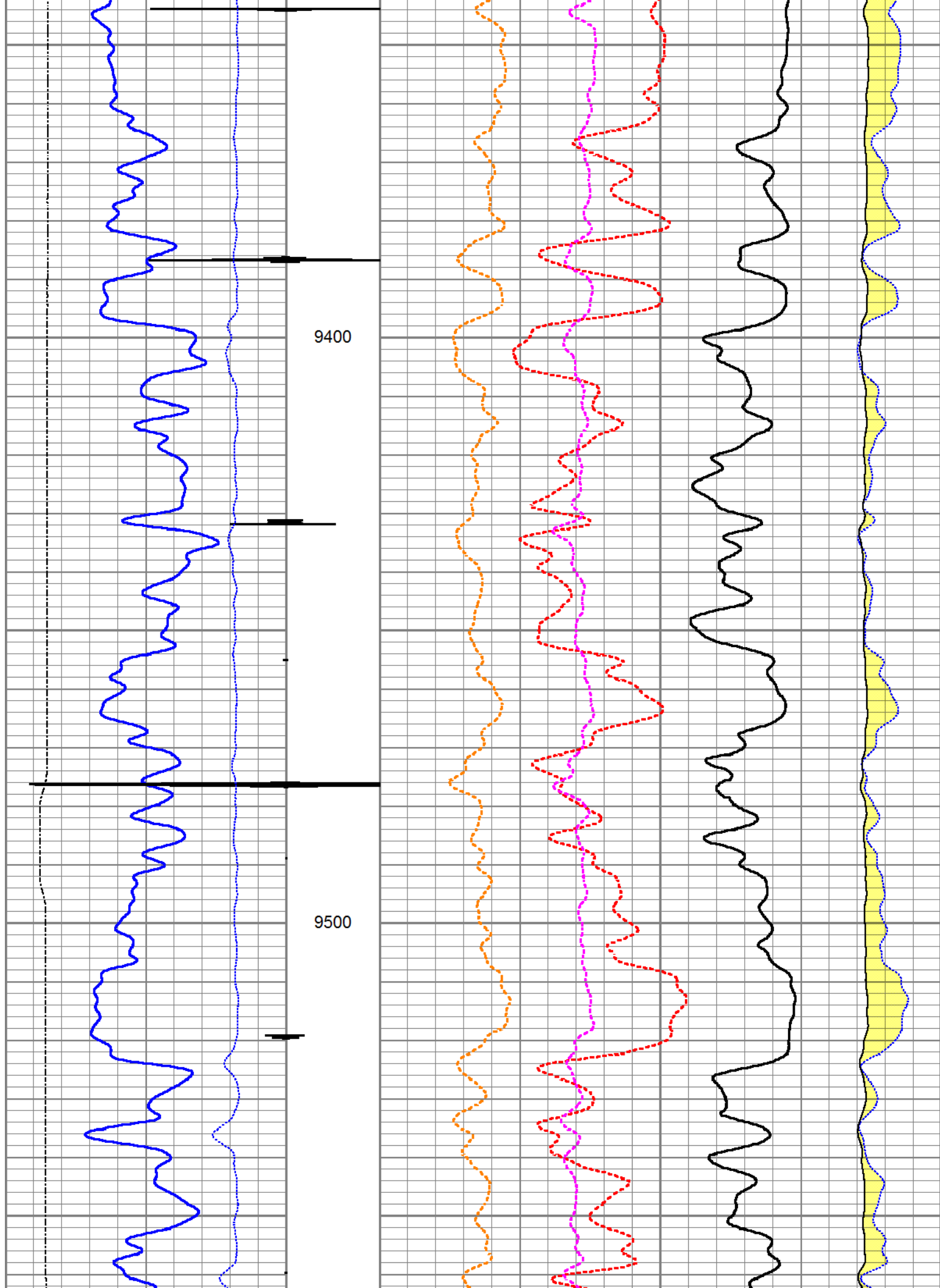


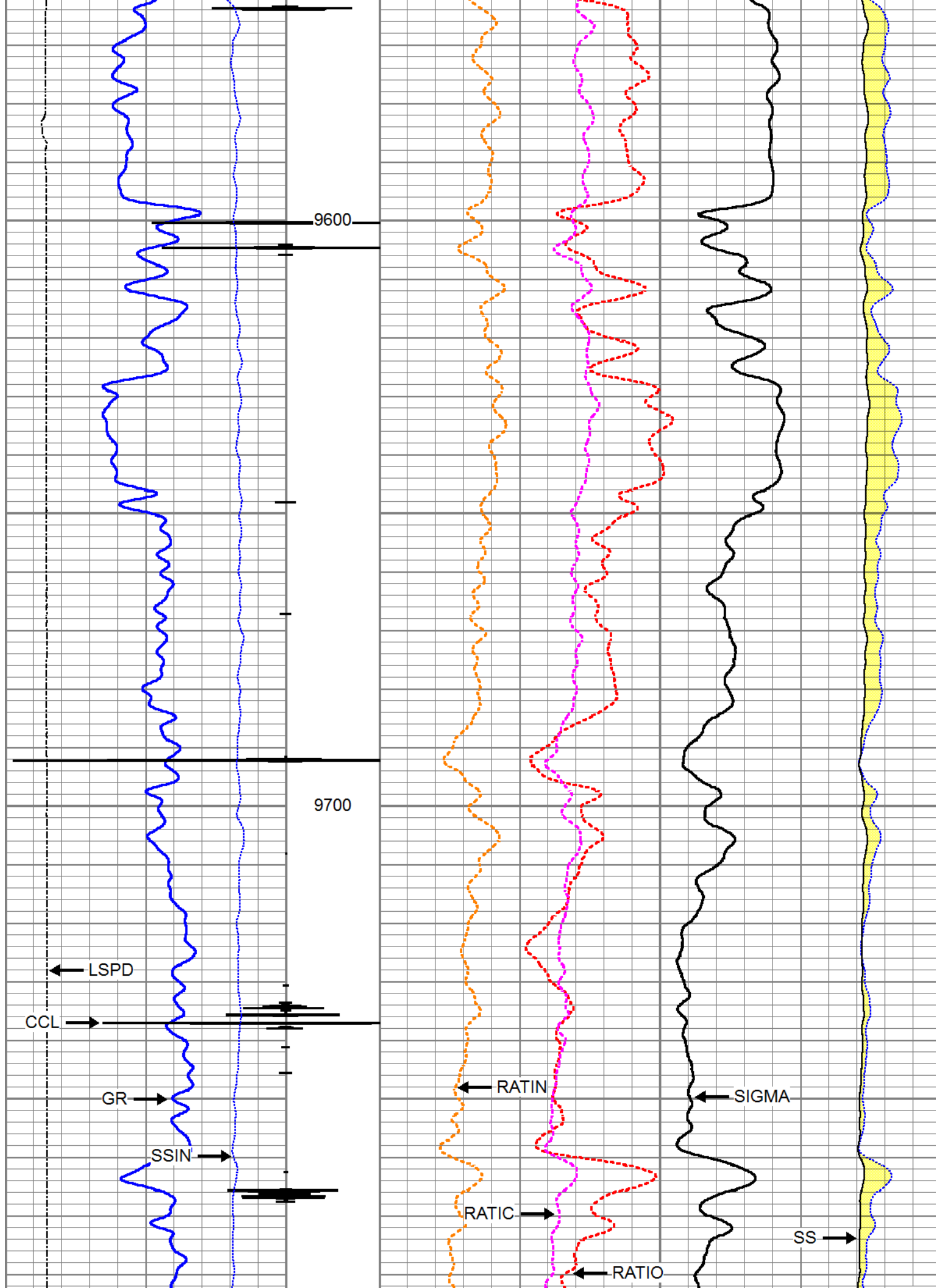


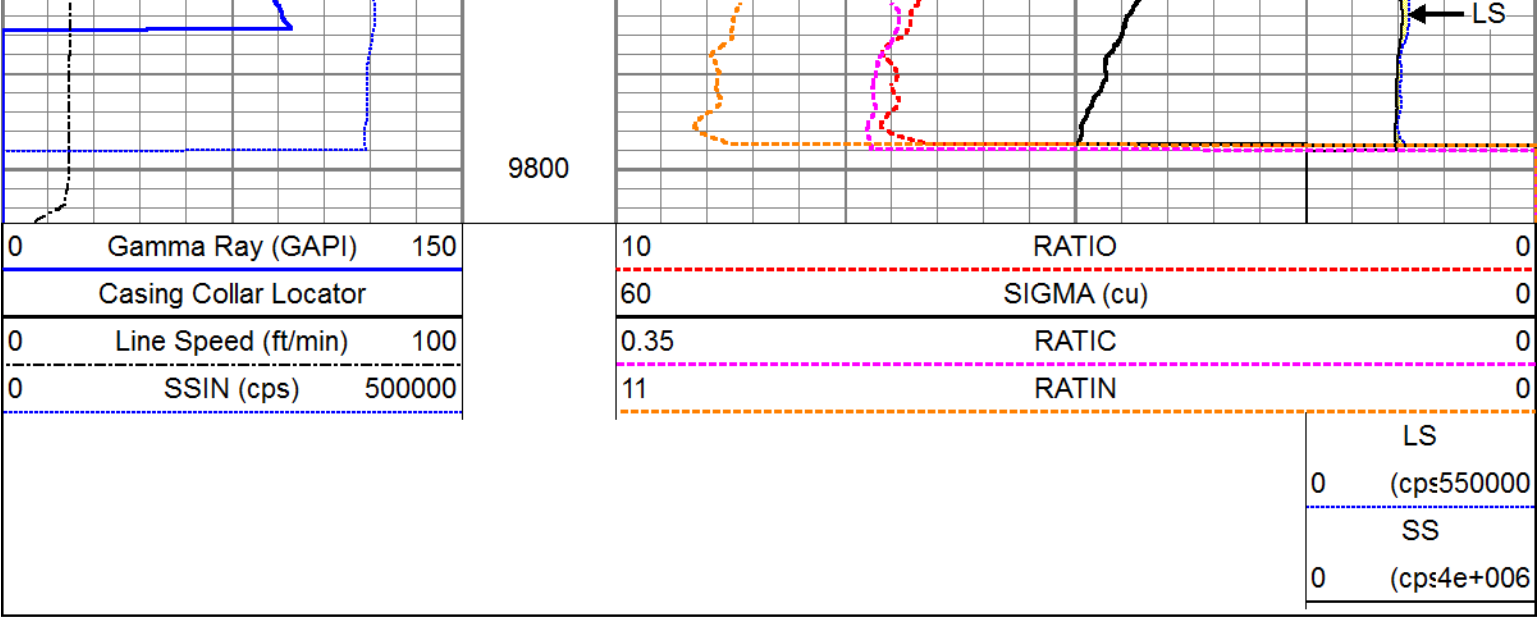














Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			Titan_Electric_Cable_Heads-Titan_1-11/16" Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			Telemetry-Antares Antares Telemetry / Gamma / CCL	4.07	1.70	17.60
			Generator-Antares Antares Neutron Generator	19.03	1.70	85.80

					
		Dataset:	tr 13-21-597 pdn.db: field/well/run1/_plots_		
		Total length:	24.13 ft		
		Total weight:	108.80 lb		
		O.D.:	1.70 in		

	Company	TEP Rocky Mountain LLC
	Well	Chevron TR 13-21-597
	Field	Trail Ridge
	County	Garfield
	State	Colorado