



MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company American Warrior, Inc.
Well O'Brate-Beach #2-26
Field Wildcat
County Finney State Kansas

Location: API #: 15-055-22556-00-00
1682 FSL & 921 FWL
SEC 26 TWP 25S RGE 31W
DIL/MEL
Permanent Datum Ground Level Elevation 2797
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
K.B. 2810
D.F.
G.L. 2797

Company American Warrior, Inc.
Well O'Brate-Beach #2-26
Field Wildcat
County Finney
State Kansas

Date	5/5/2022
Run Number	One
Type Log	CNL/CDL
Depth Driller	5000
Depth Logger	5002
Bottom Logged Interval	4973
Top Logged Interval	2500
Type Fluid In Hole	Chemical
Salinity, PPM CL	2900
Density	9.4
Level	Full
Max. Rec. Temp. F	126
Operating Rig Time	3 Hours
Equipment -- Location	P-24 Hays
Recorded By	D. Schmidt
Witnessed By	Kevin Timson

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	1607	8.625	23	0	1607
Two	7.875	1607	TD				

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Pierceville,
1 1/2 South, 1 West,
South to location

Log Measured From: Kelly Bushing 13 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Kevin Timson
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\american_warrior_obrate beach 2-26.db
Dataset field/well/stkml/pass3.10/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	127	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m	mmho/m	mV	degF	Off	ft
		0	0	-253	60		5002

Variable Description

A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth



MIDWEST WIRELINE

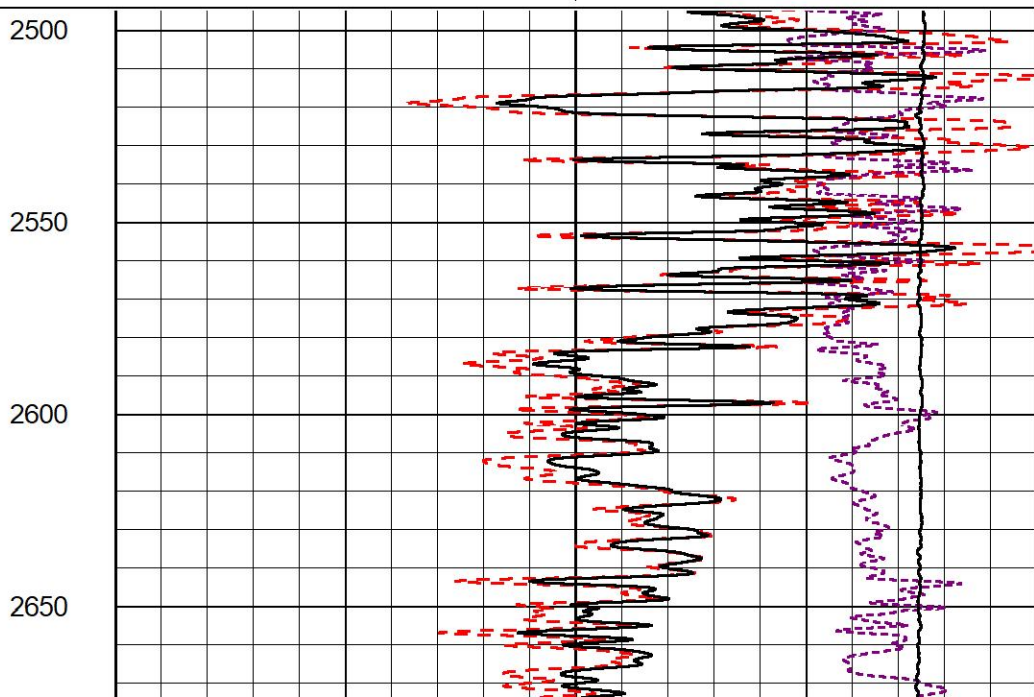
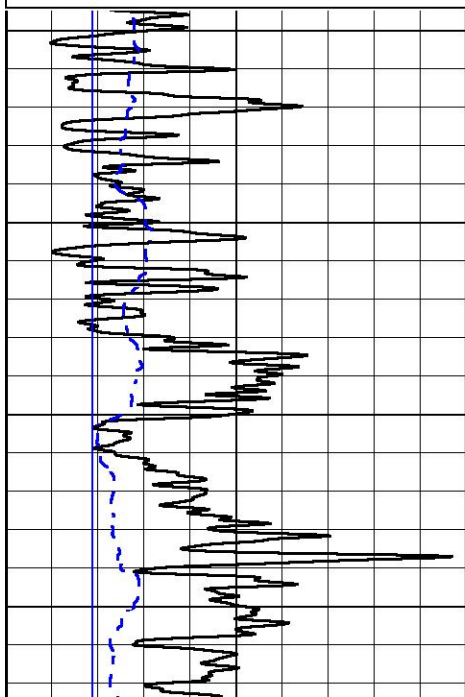
2" SCALE BULK DENSITY

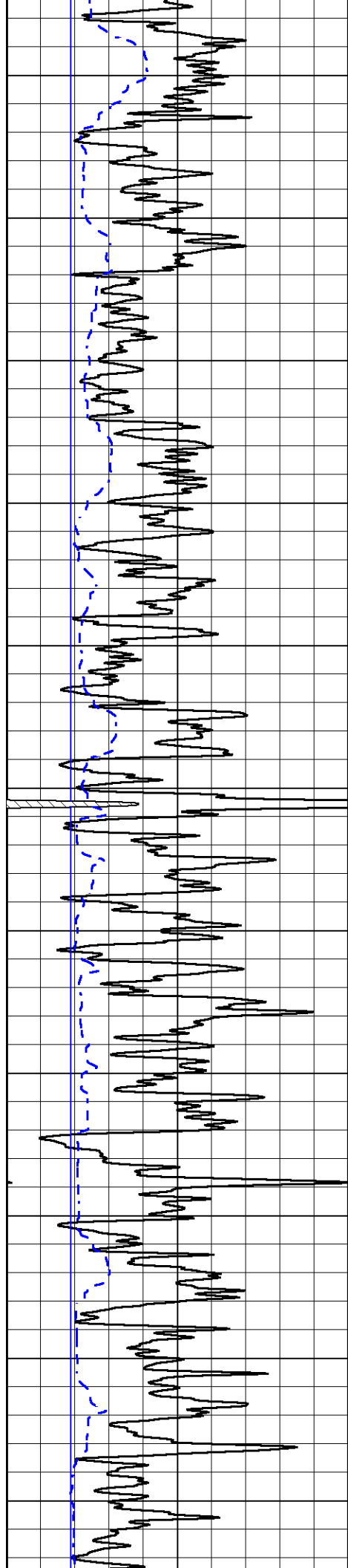
MAIN PASS

Database File american_warrior_obrate beach 2-26.db
Dataset Pathname stkml/pass3.2
Presentation Format _cdl
Dataset Creation Thu May 05 19:18:33 2022
Charted by Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	Compensated Density (pu)	-10
2	Bulk Density (g/cc)	3
10000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25





2700

2750

2800

2850

2900

2950

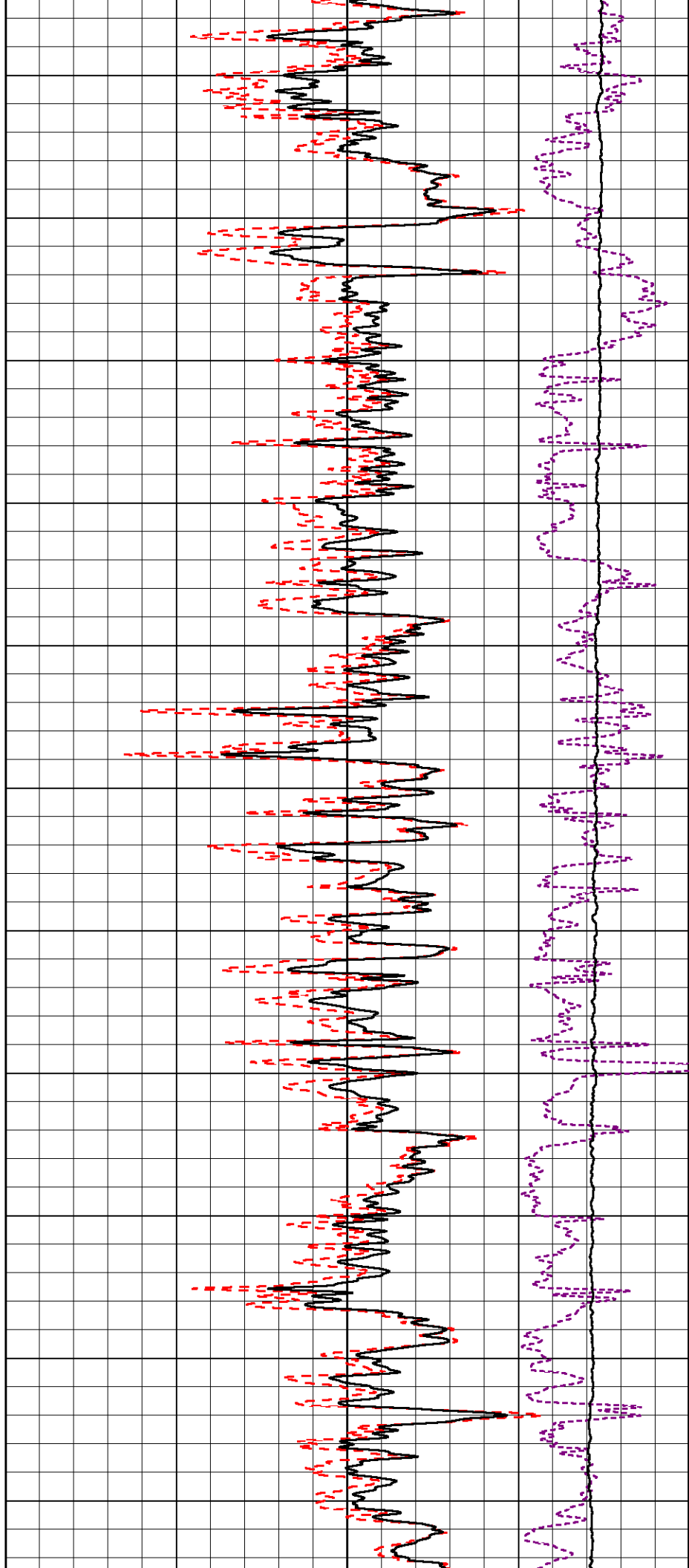
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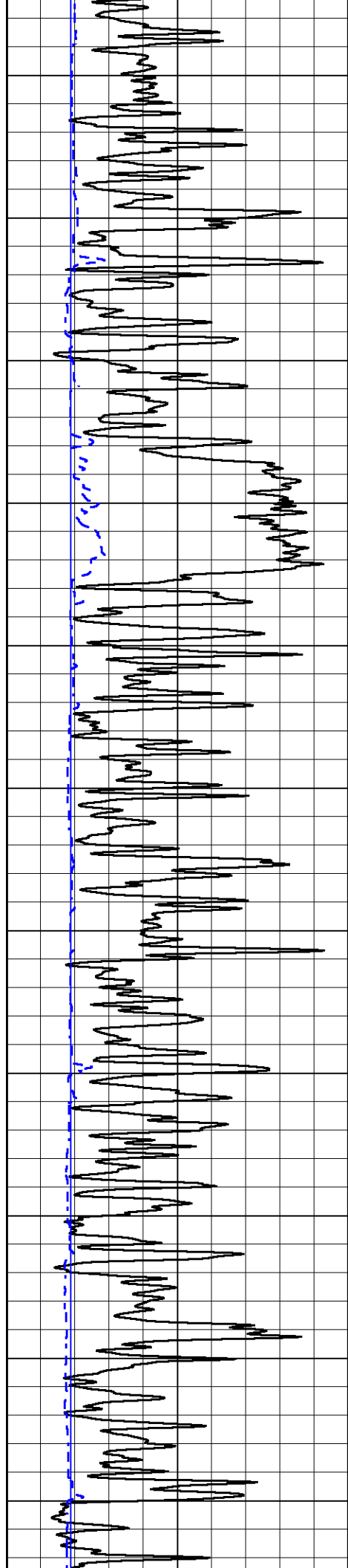
3050

3100

3150

3200





3250

3300

3350

3400

3450

3500

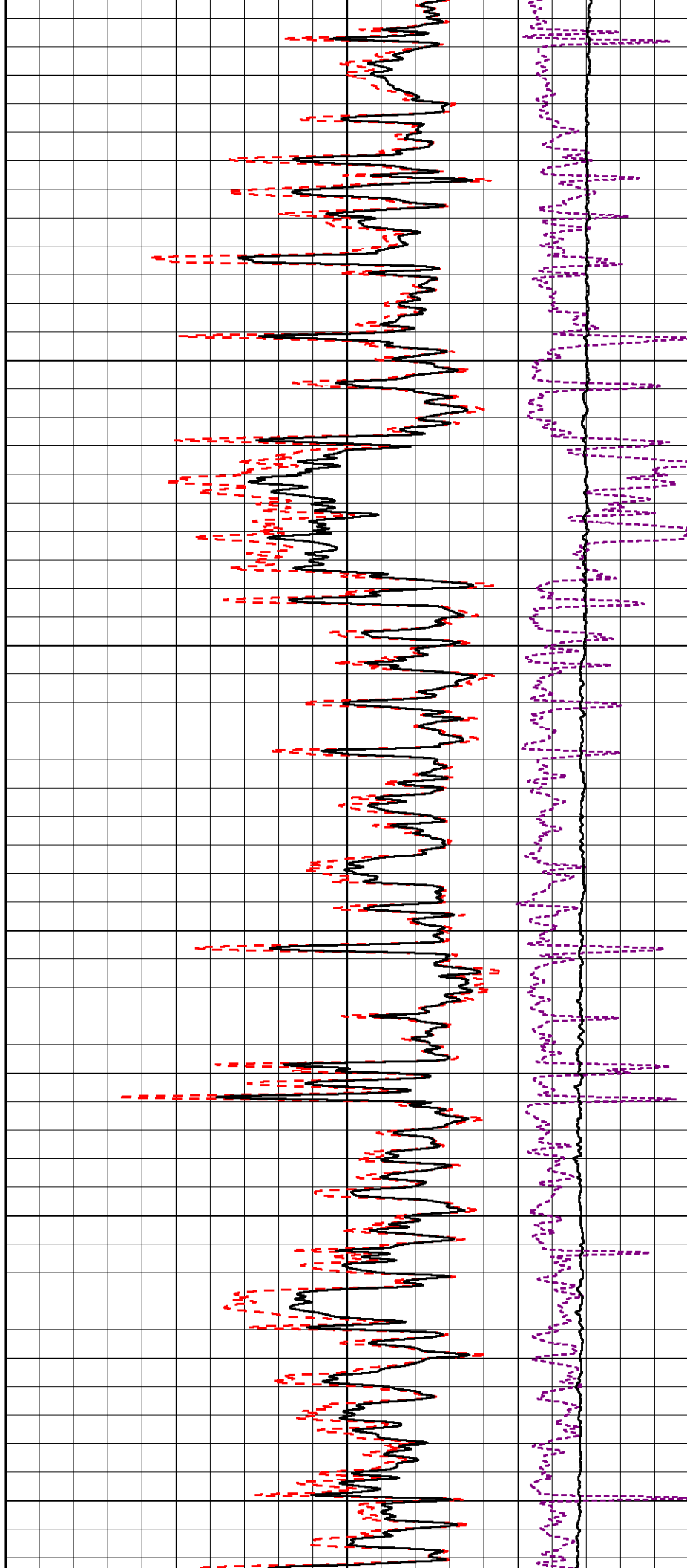
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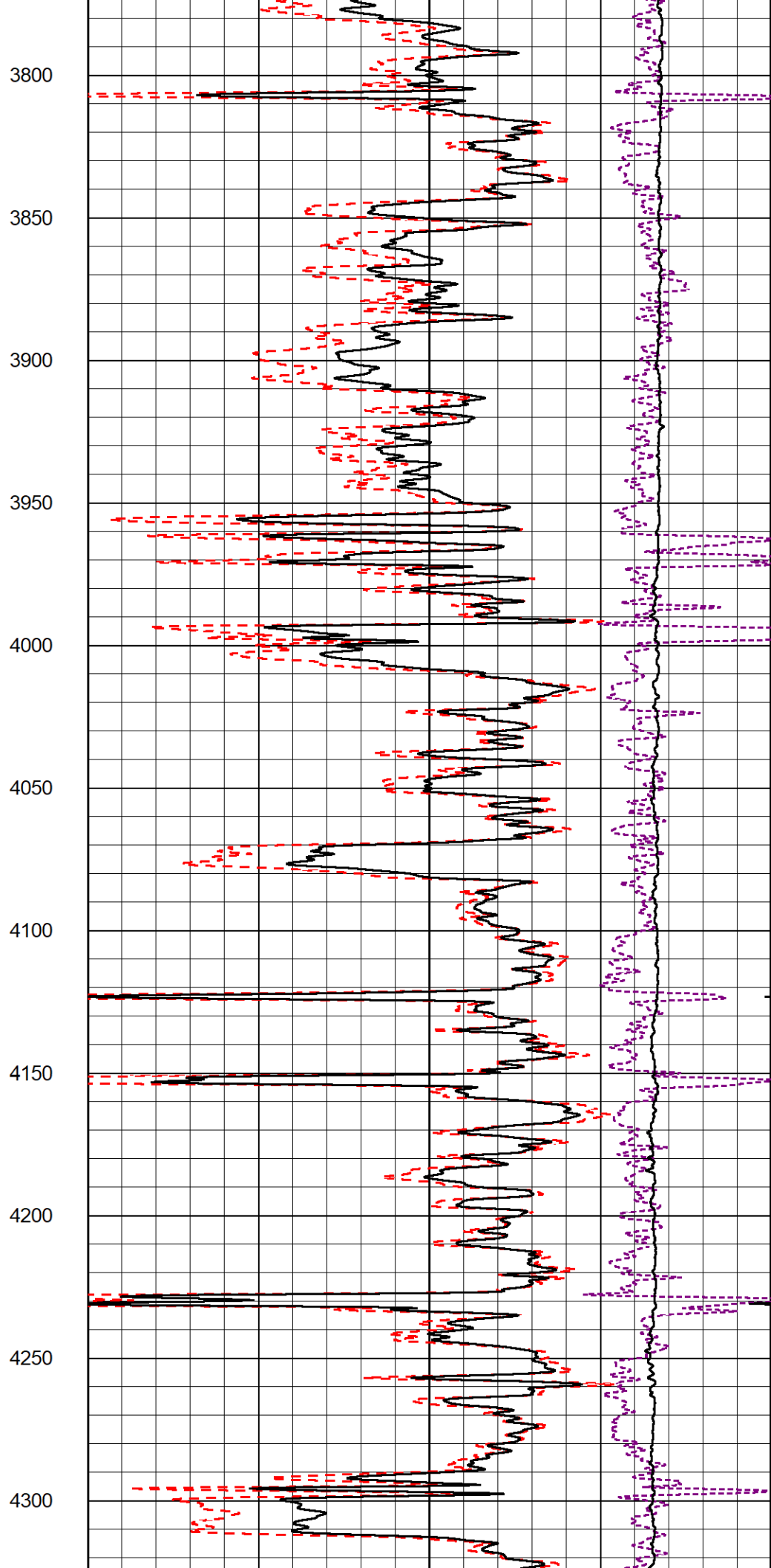
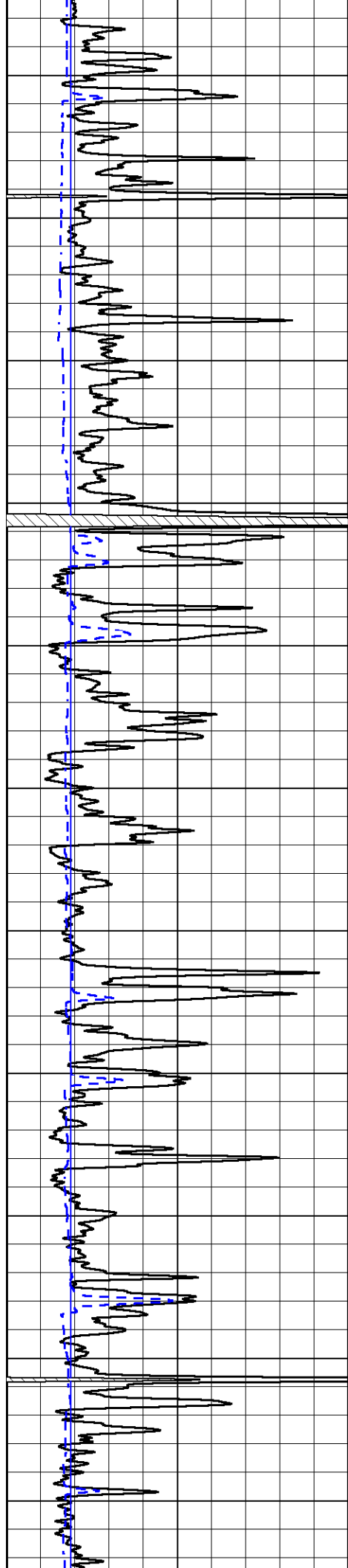
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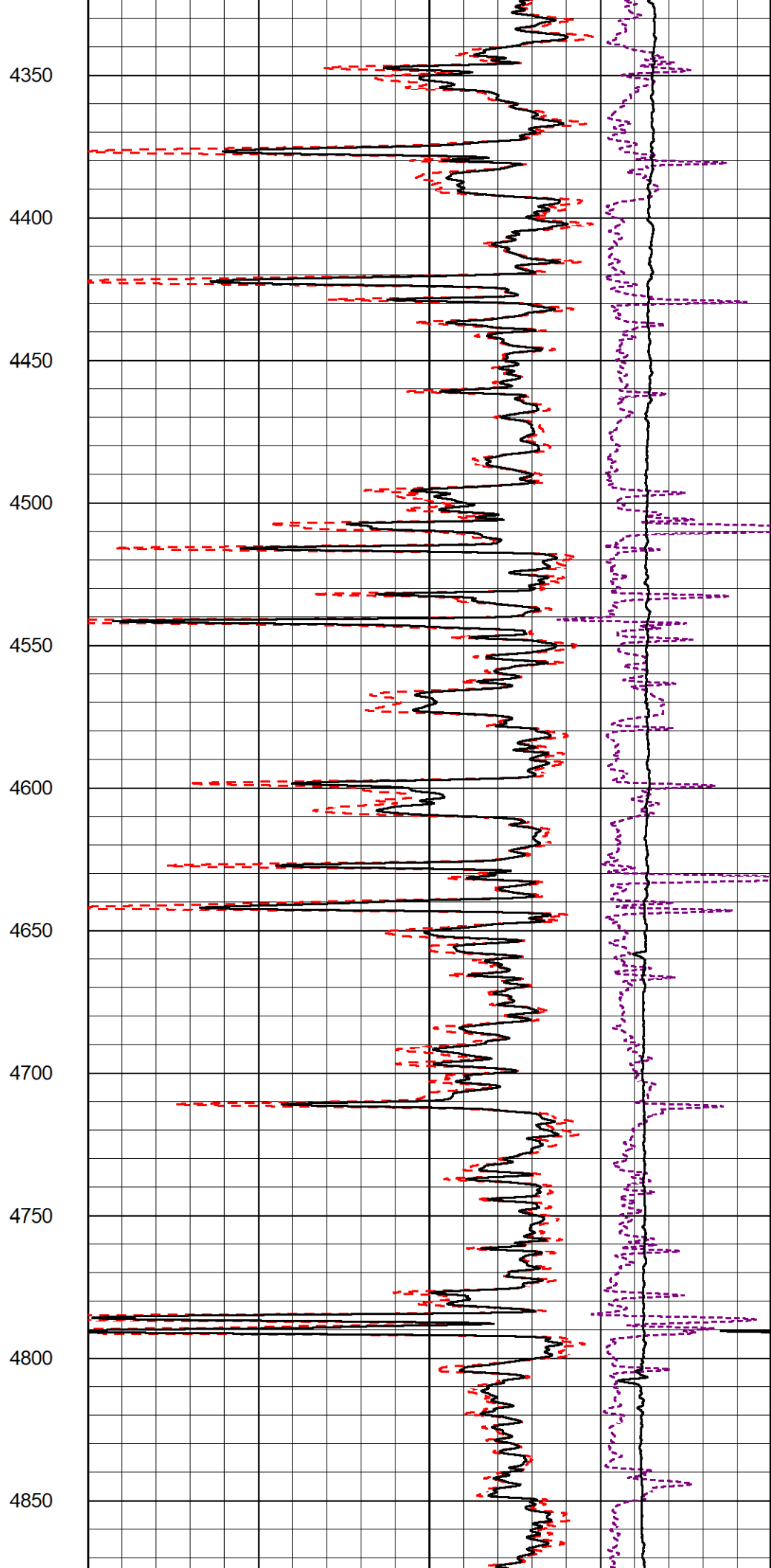
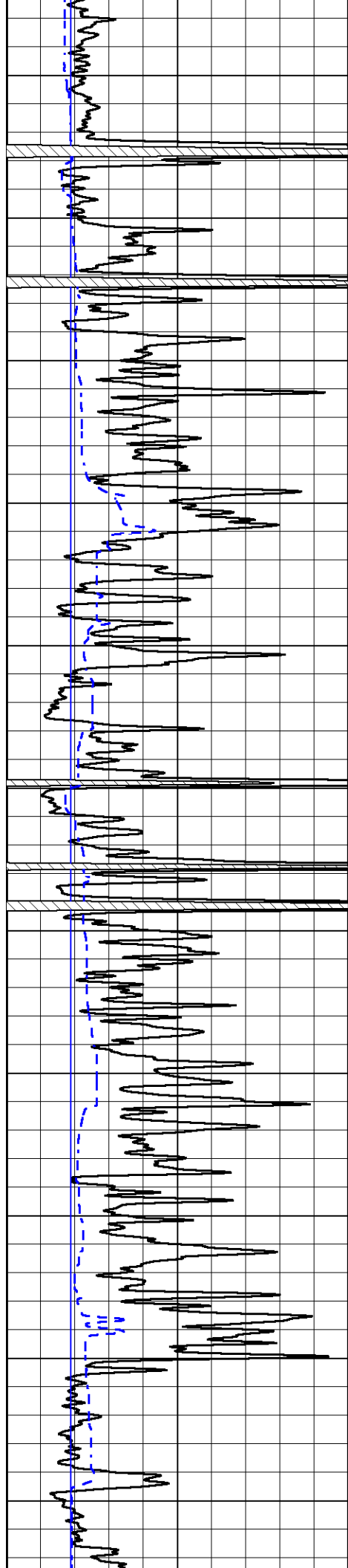
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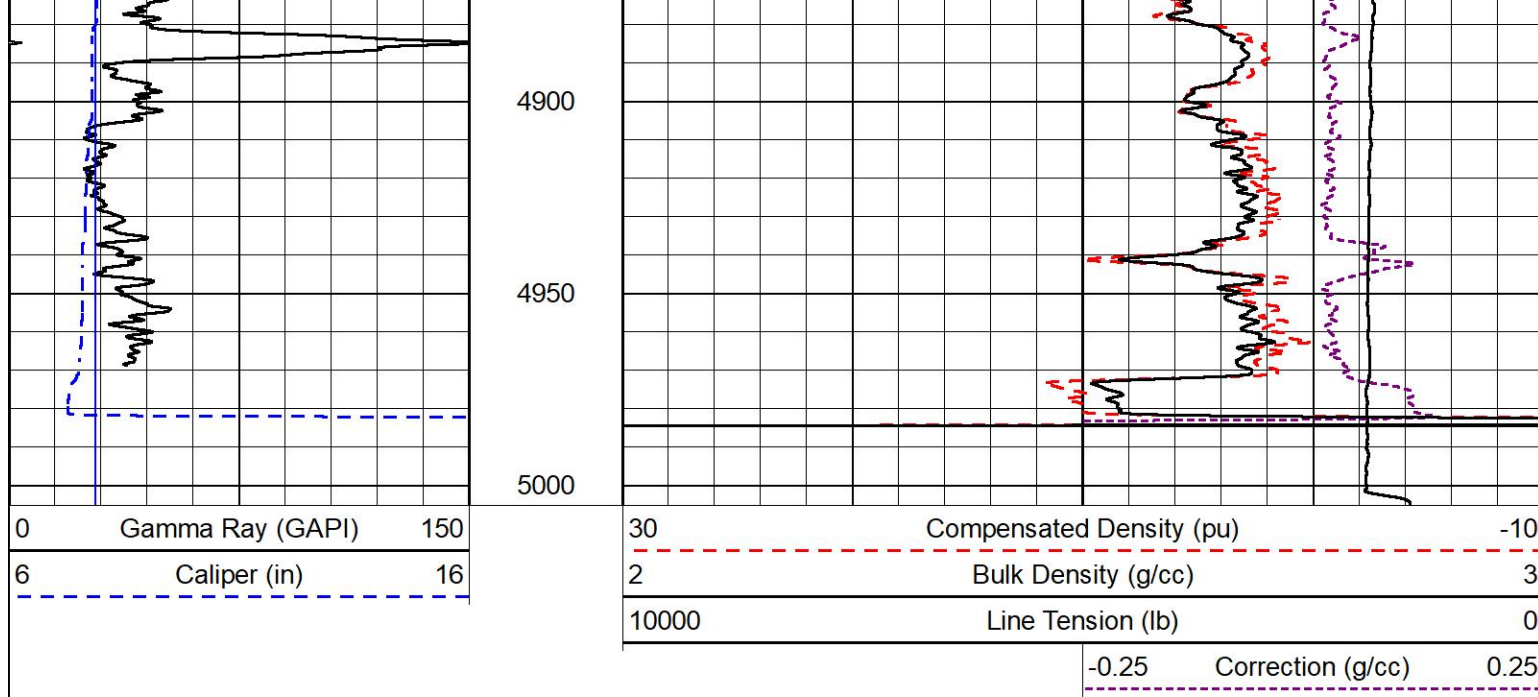
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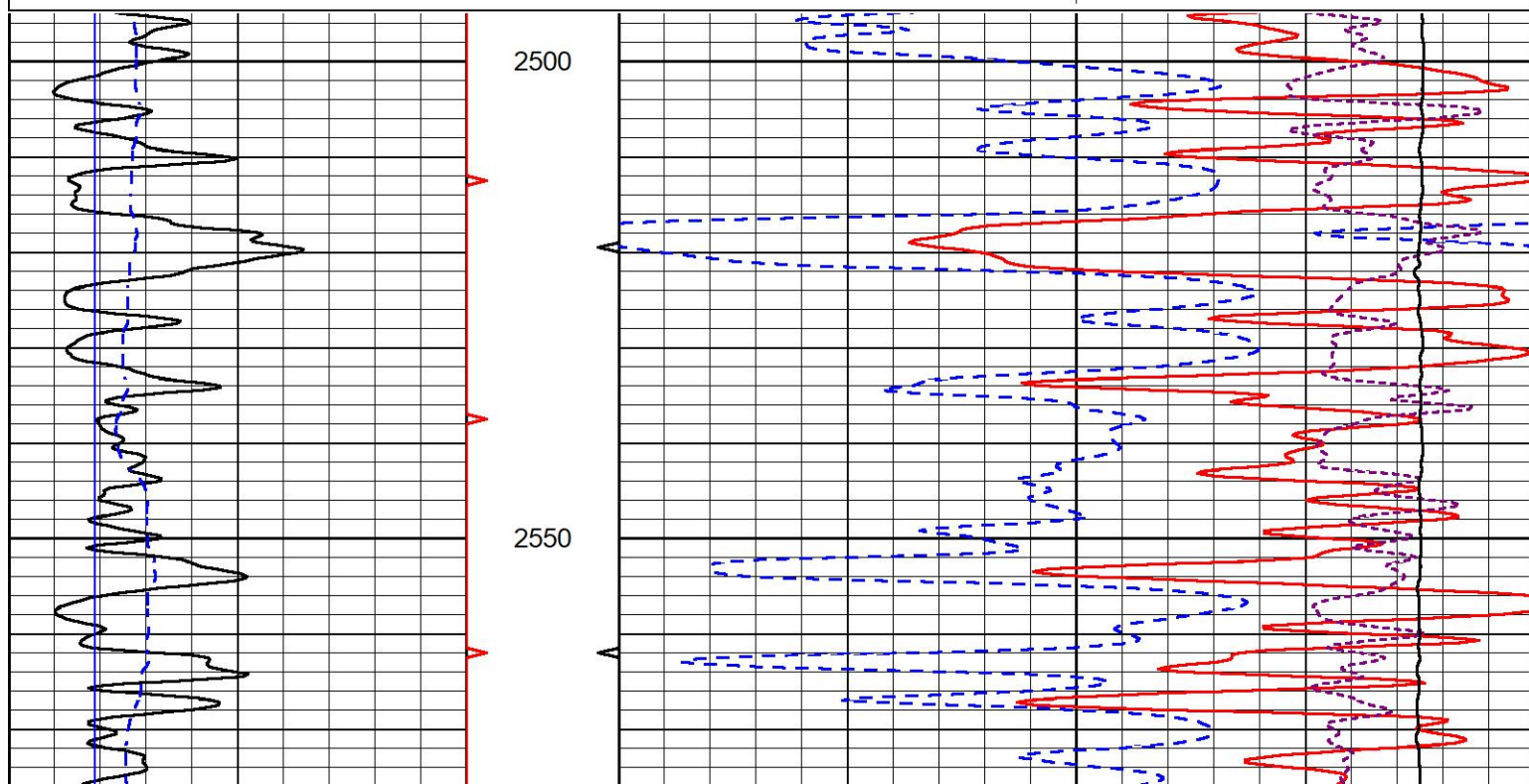
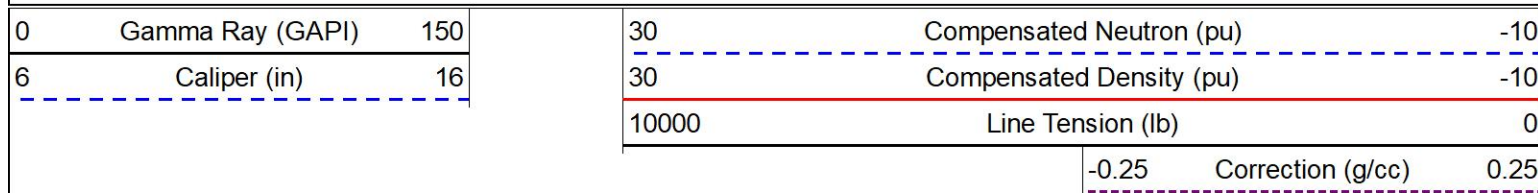


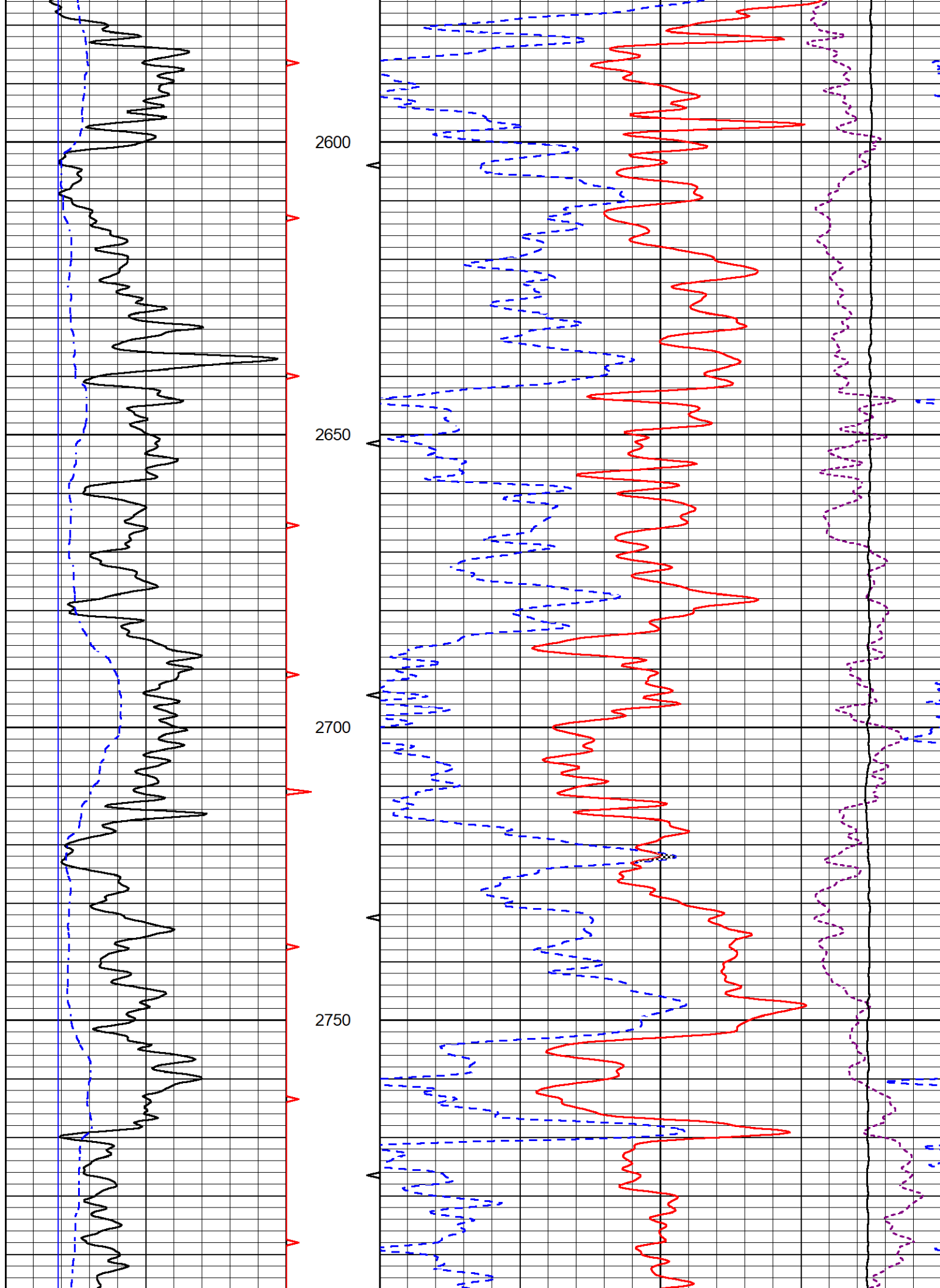
MIDWEST WIRELINE

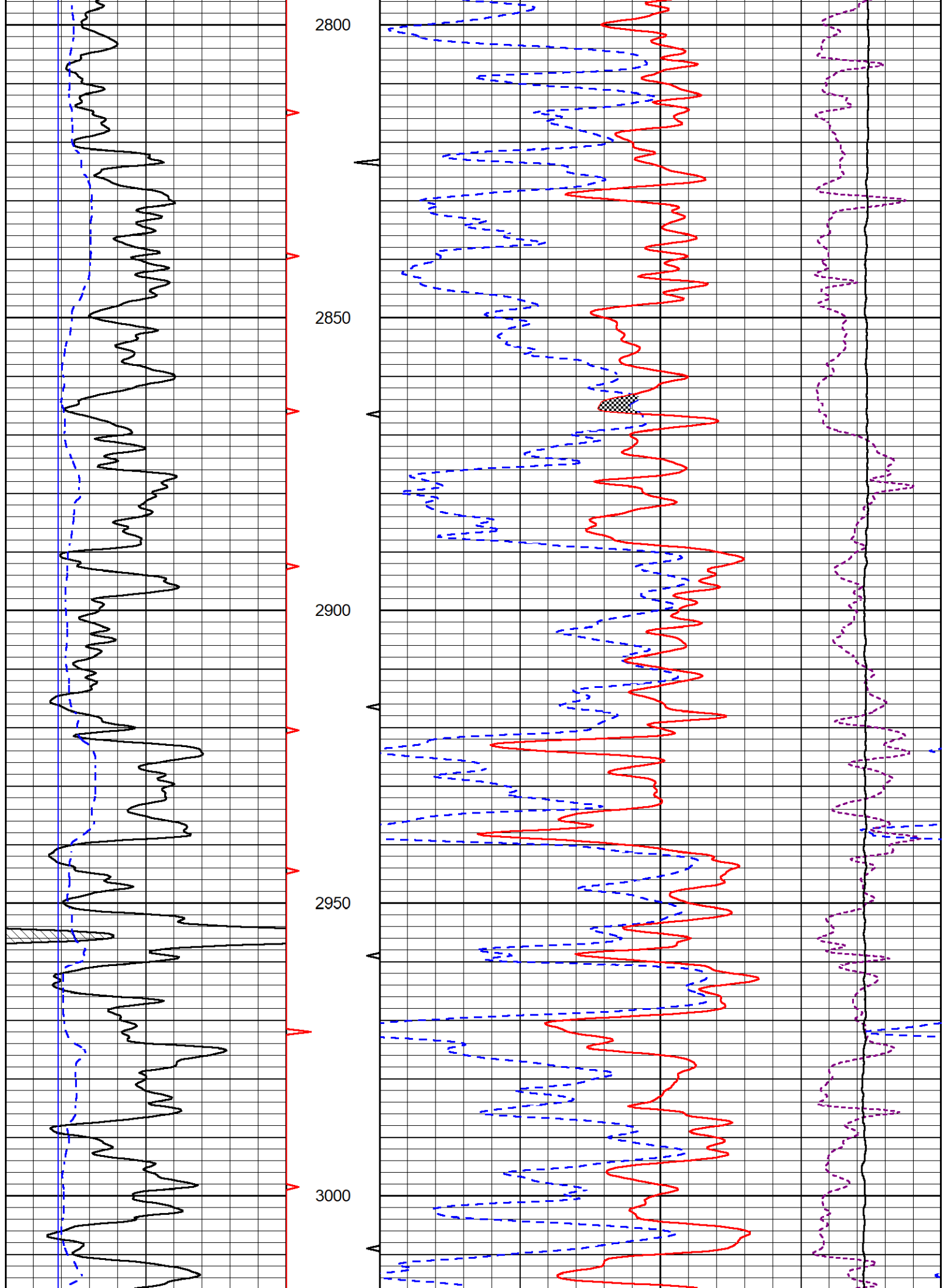
DETAIL SECTION

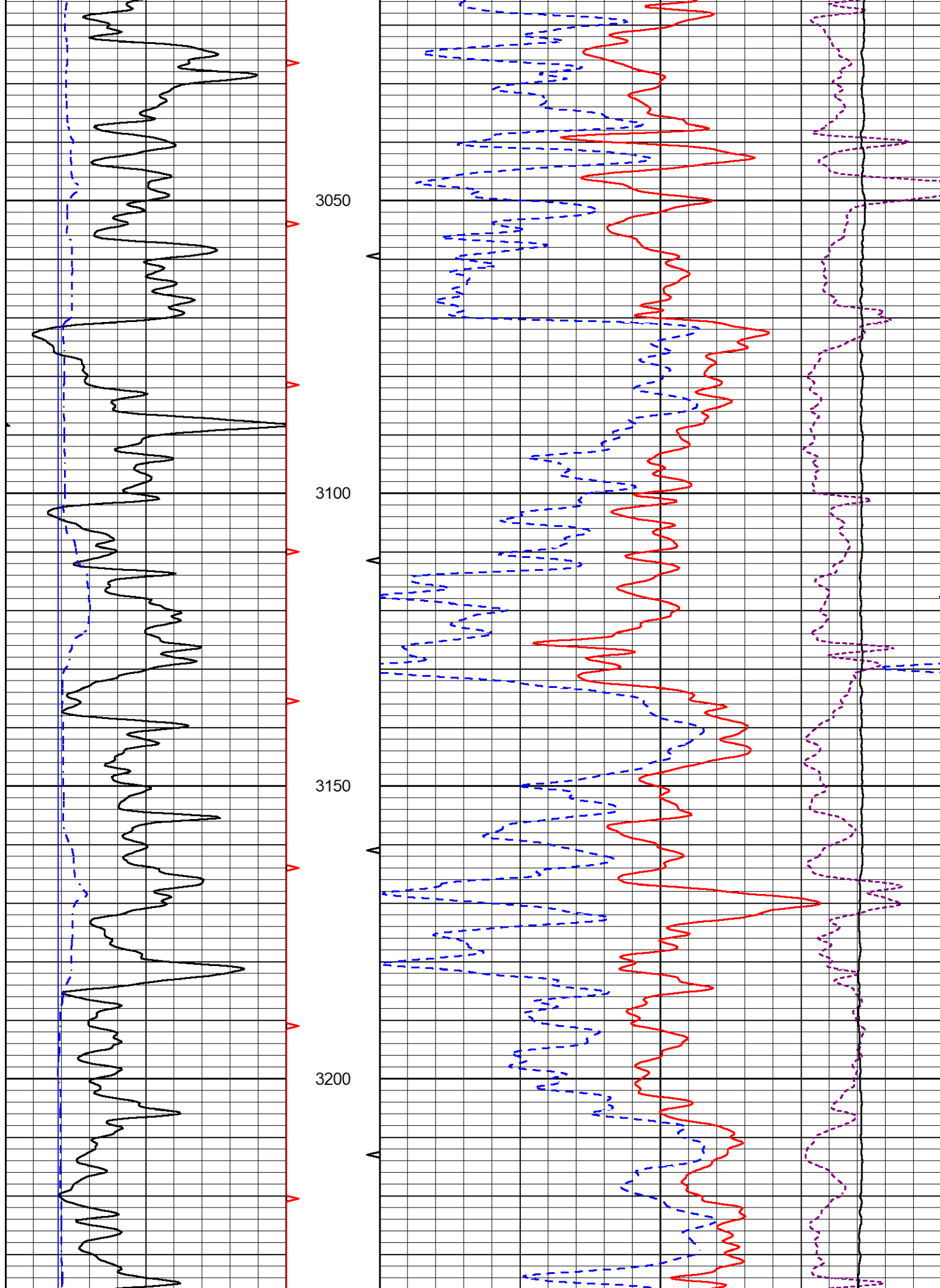
MAIN PASS

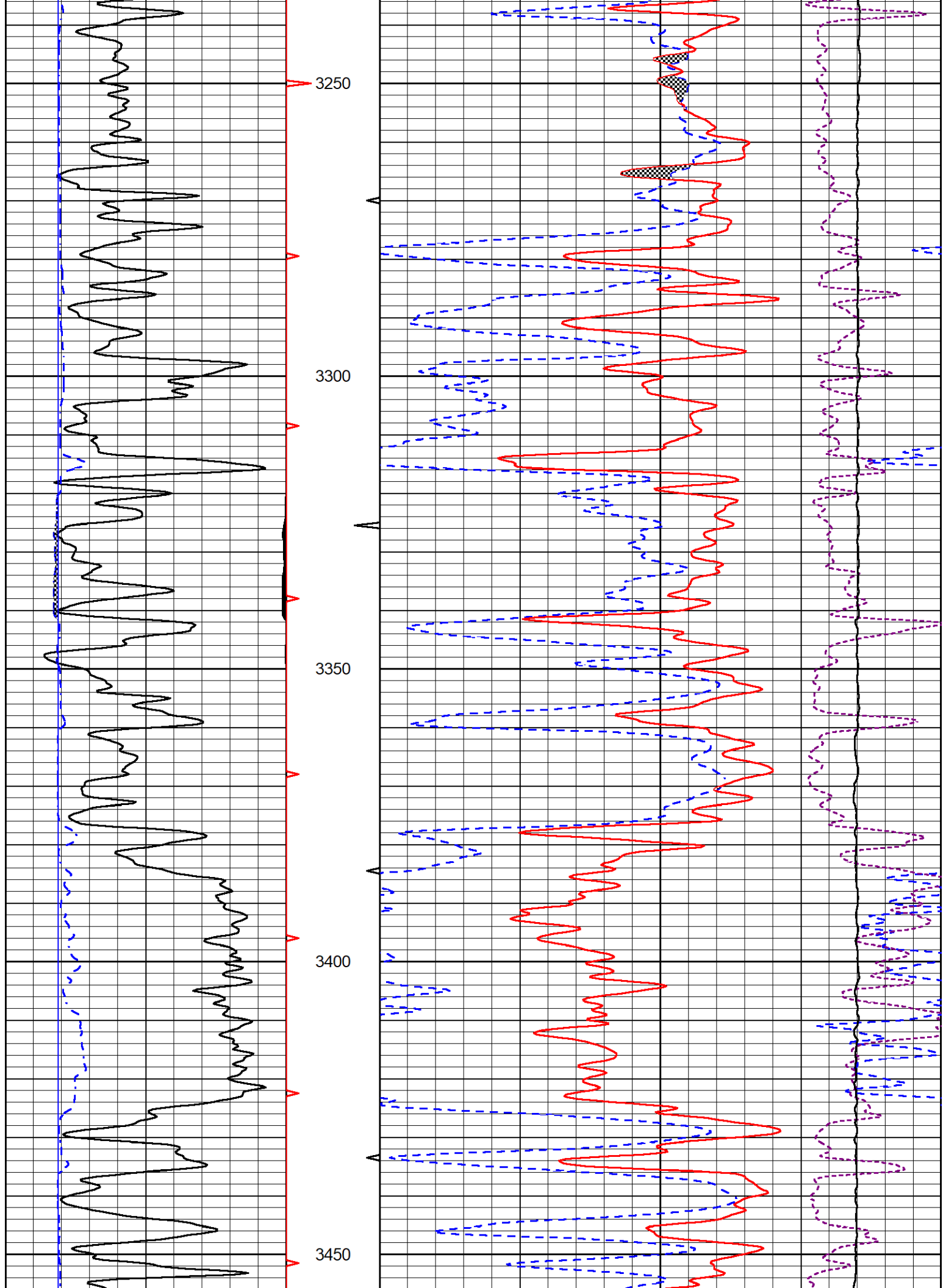
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 Dataset Pathname stkml/pass3.1
 Presentation Format _CNDLS~1
 Dataset Creation Thu May 05 19:18:22 2022
 Charted by Depth in Feet scaled 1:240

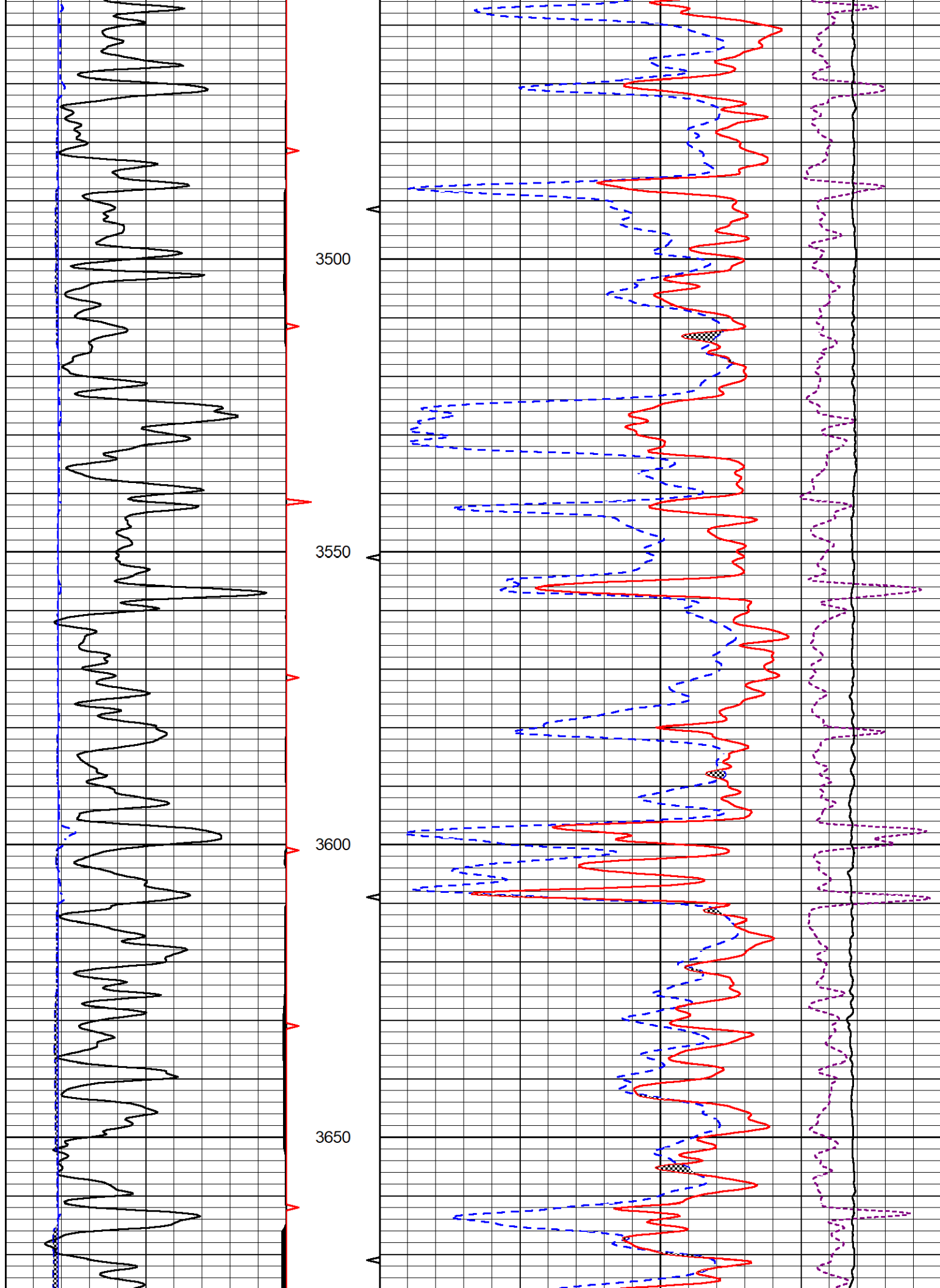


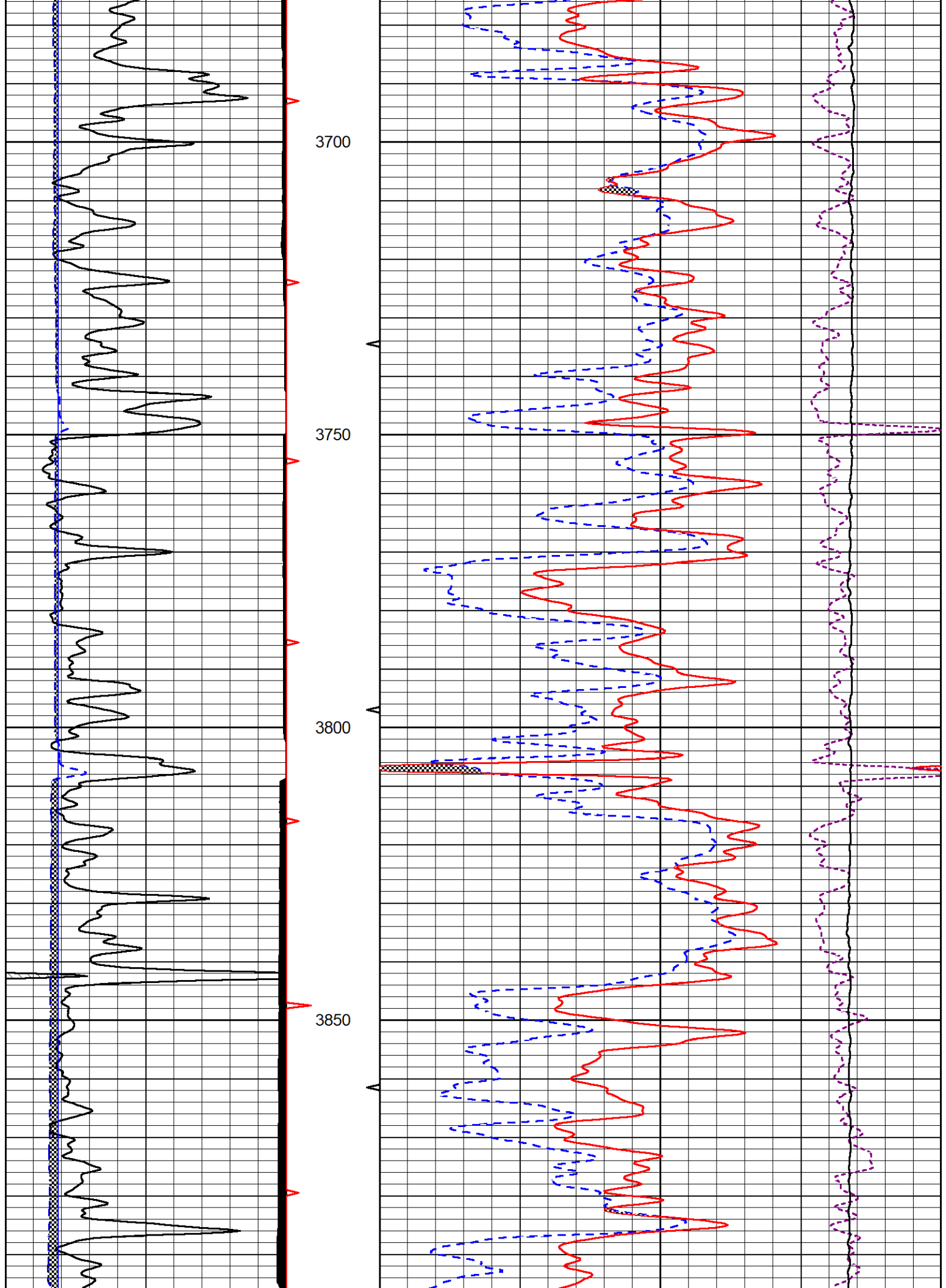


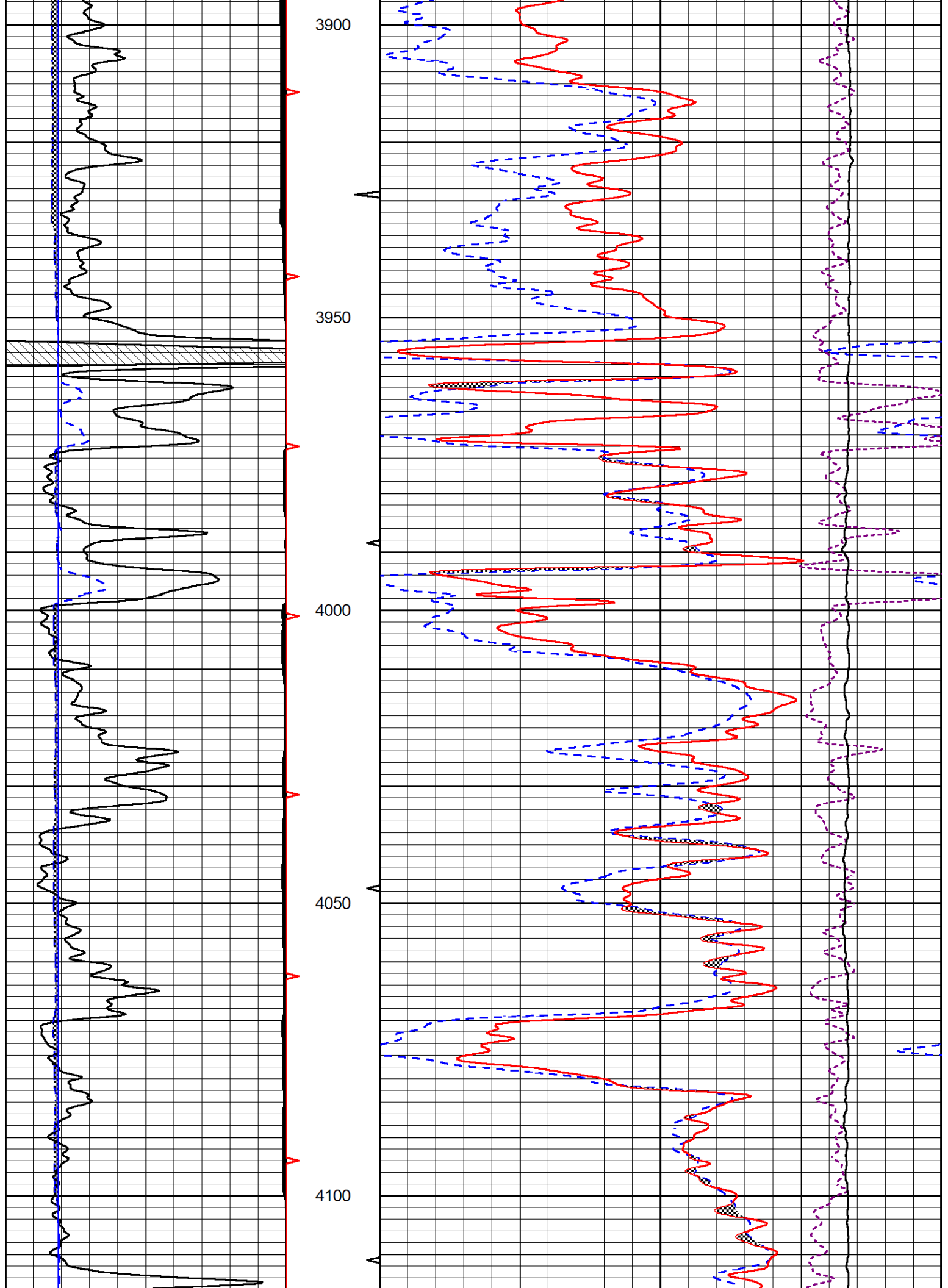


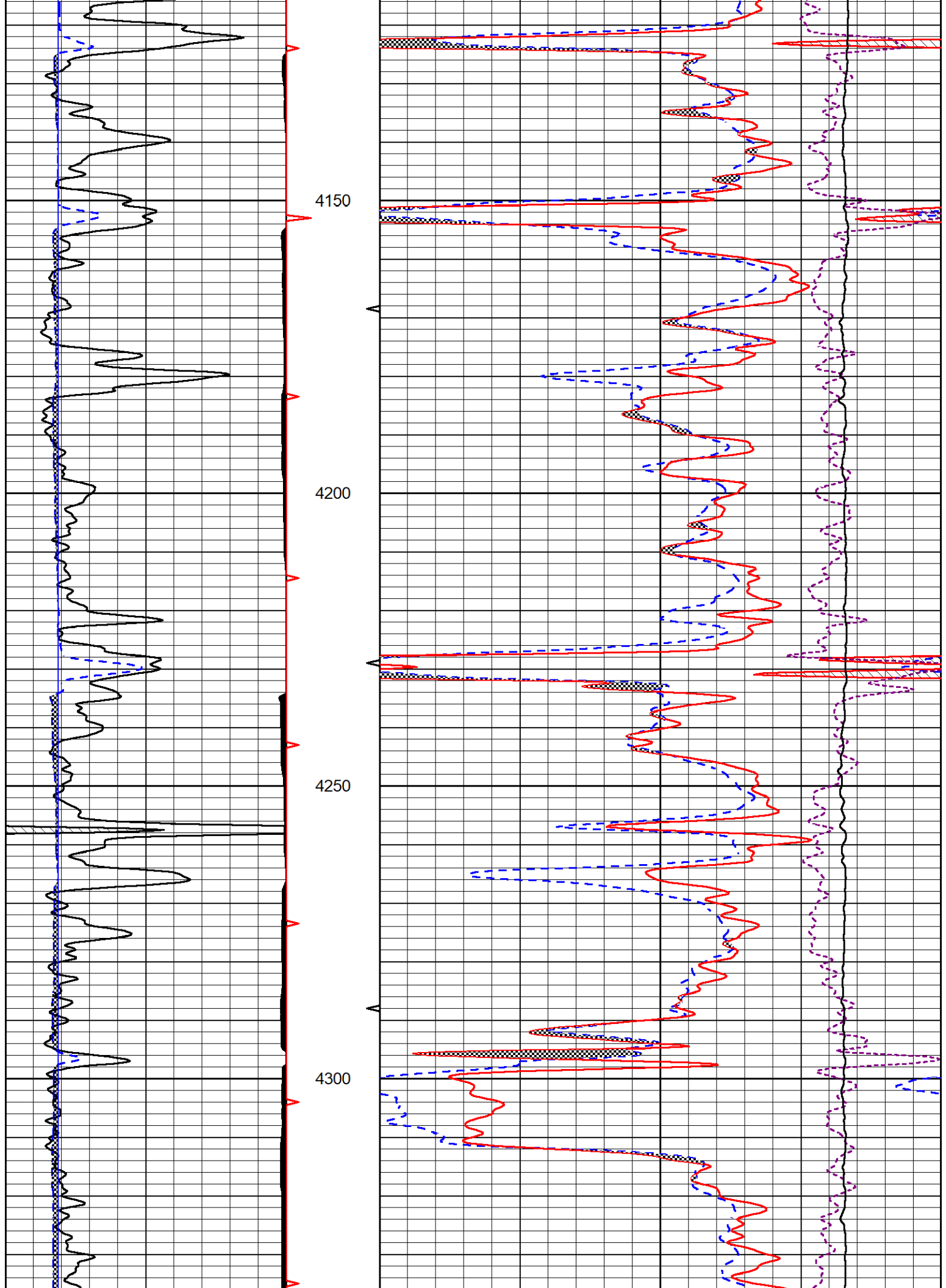


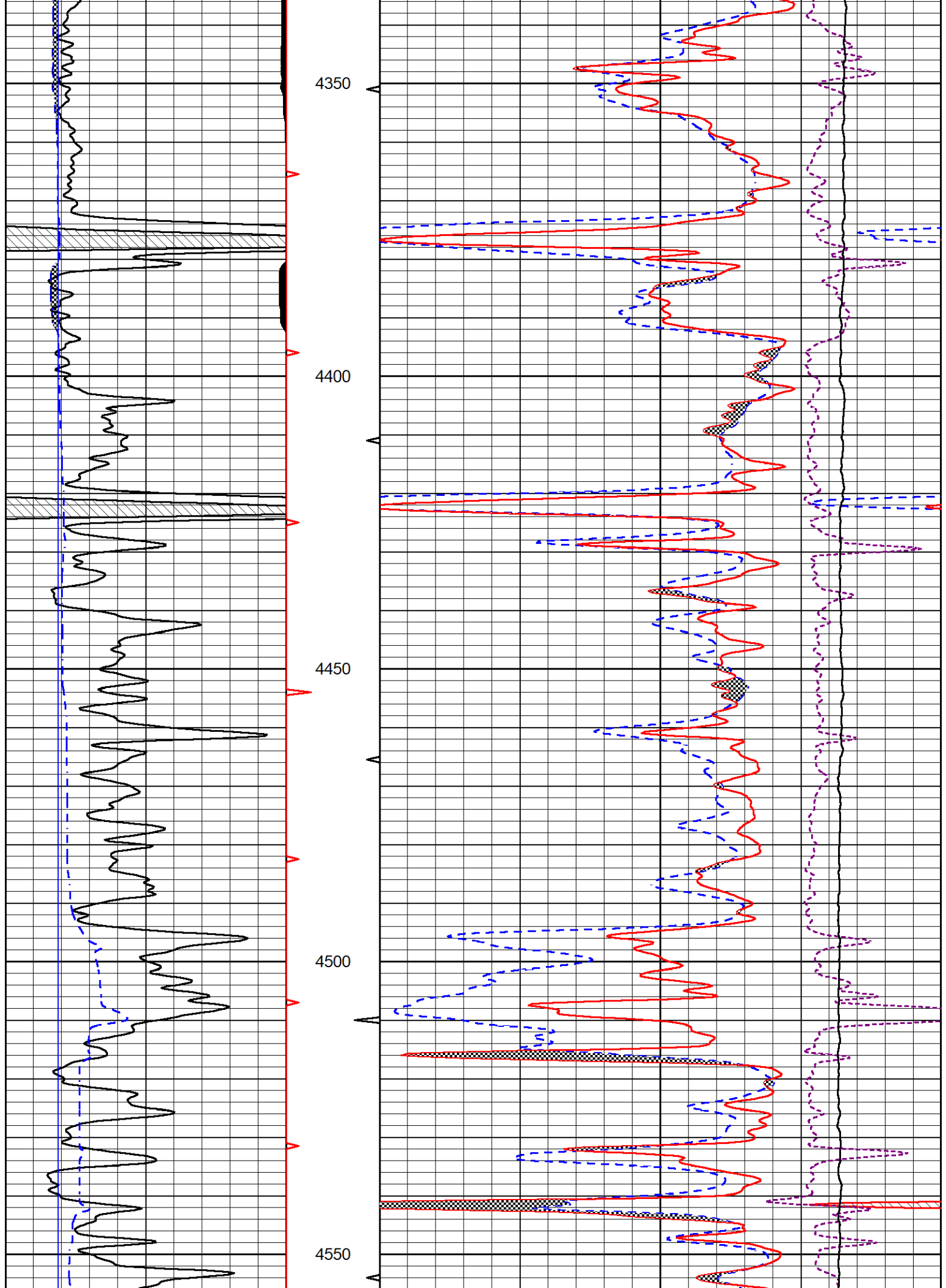


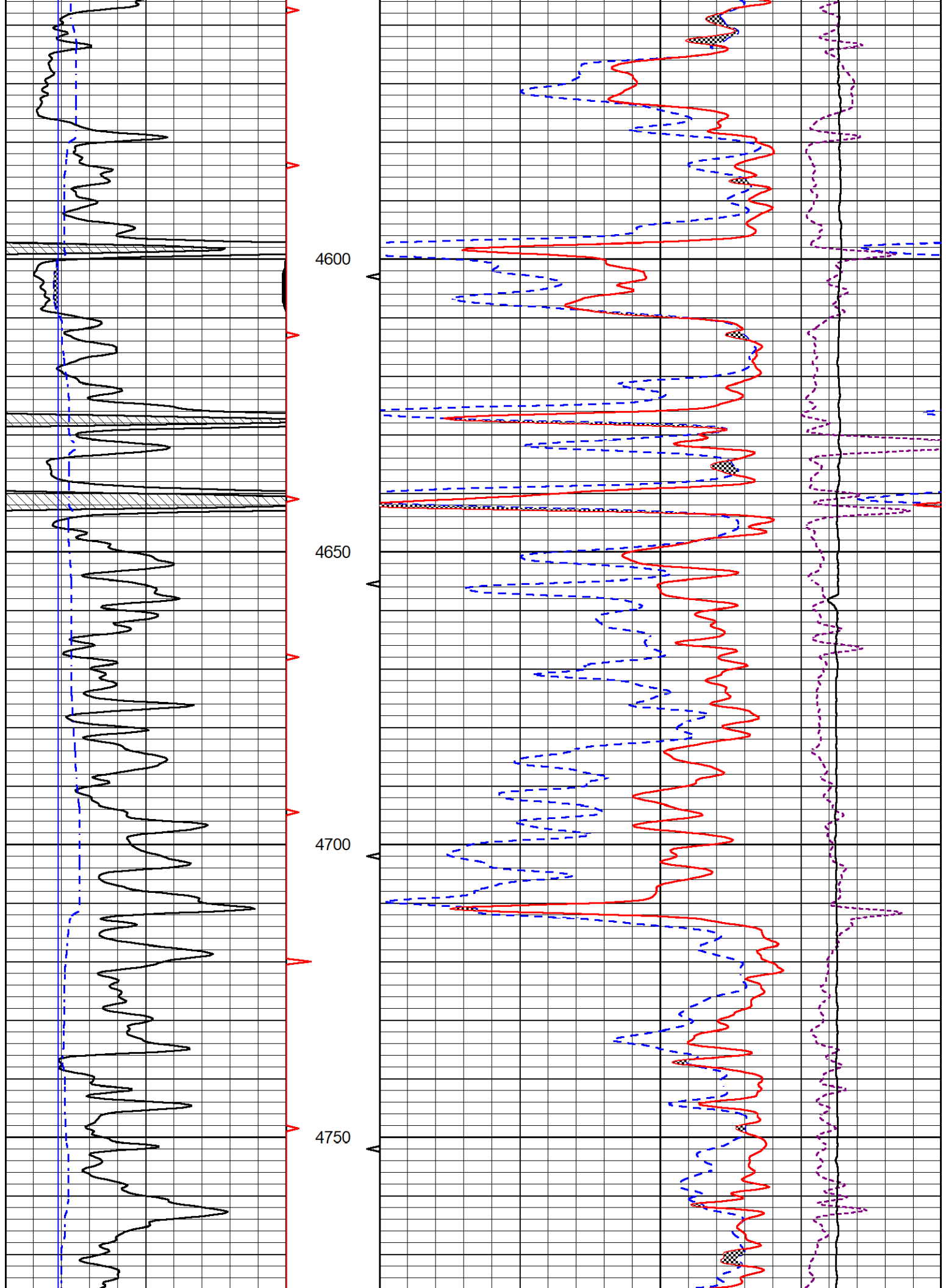


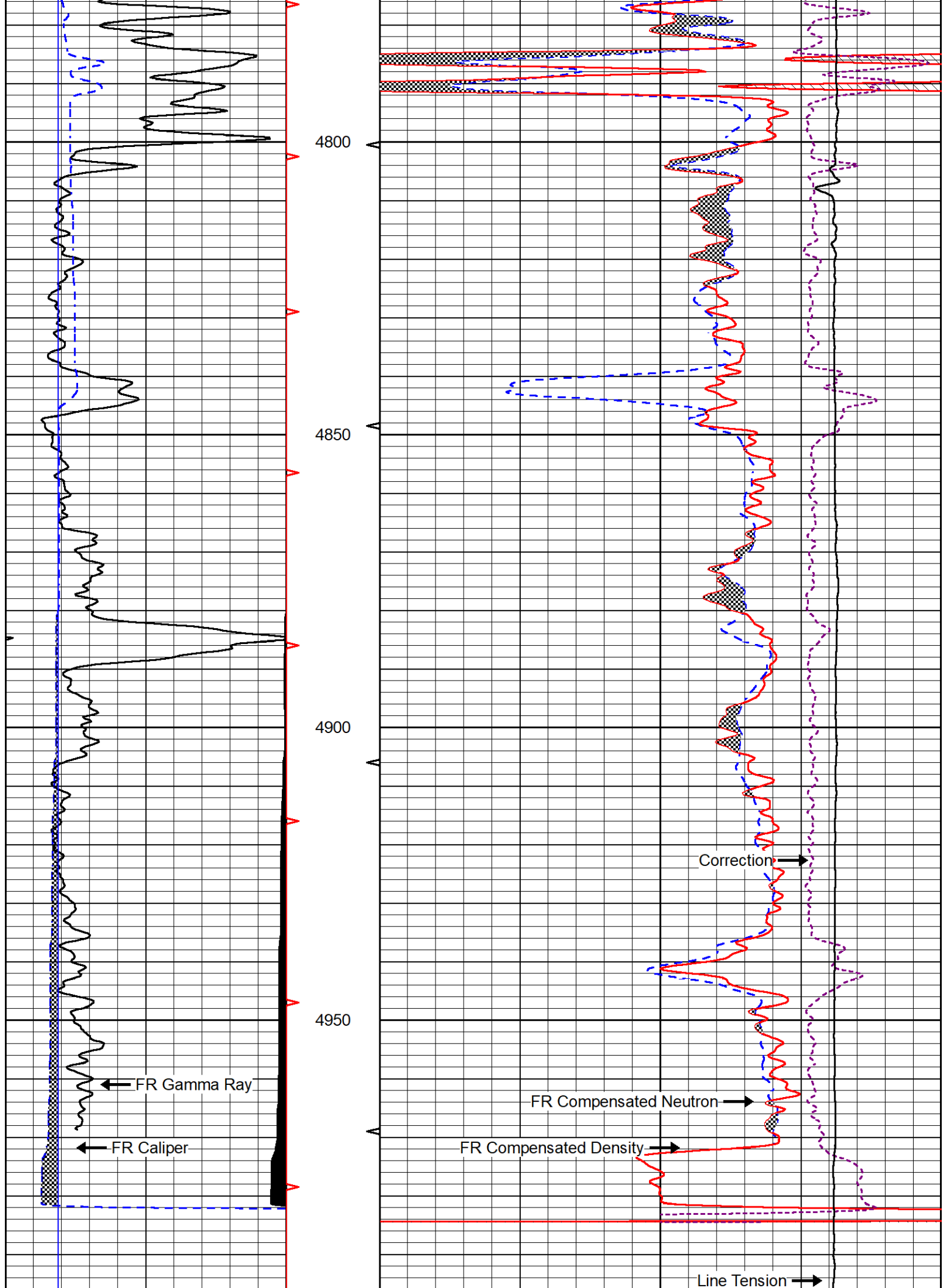


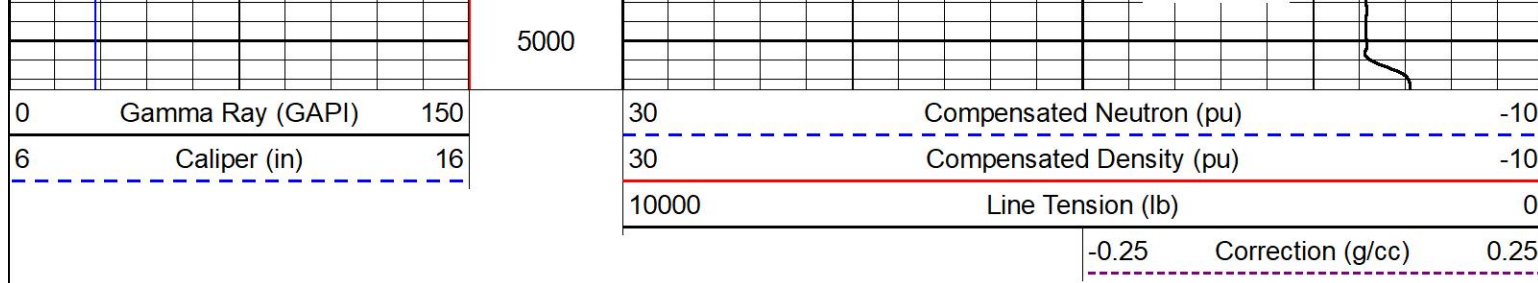








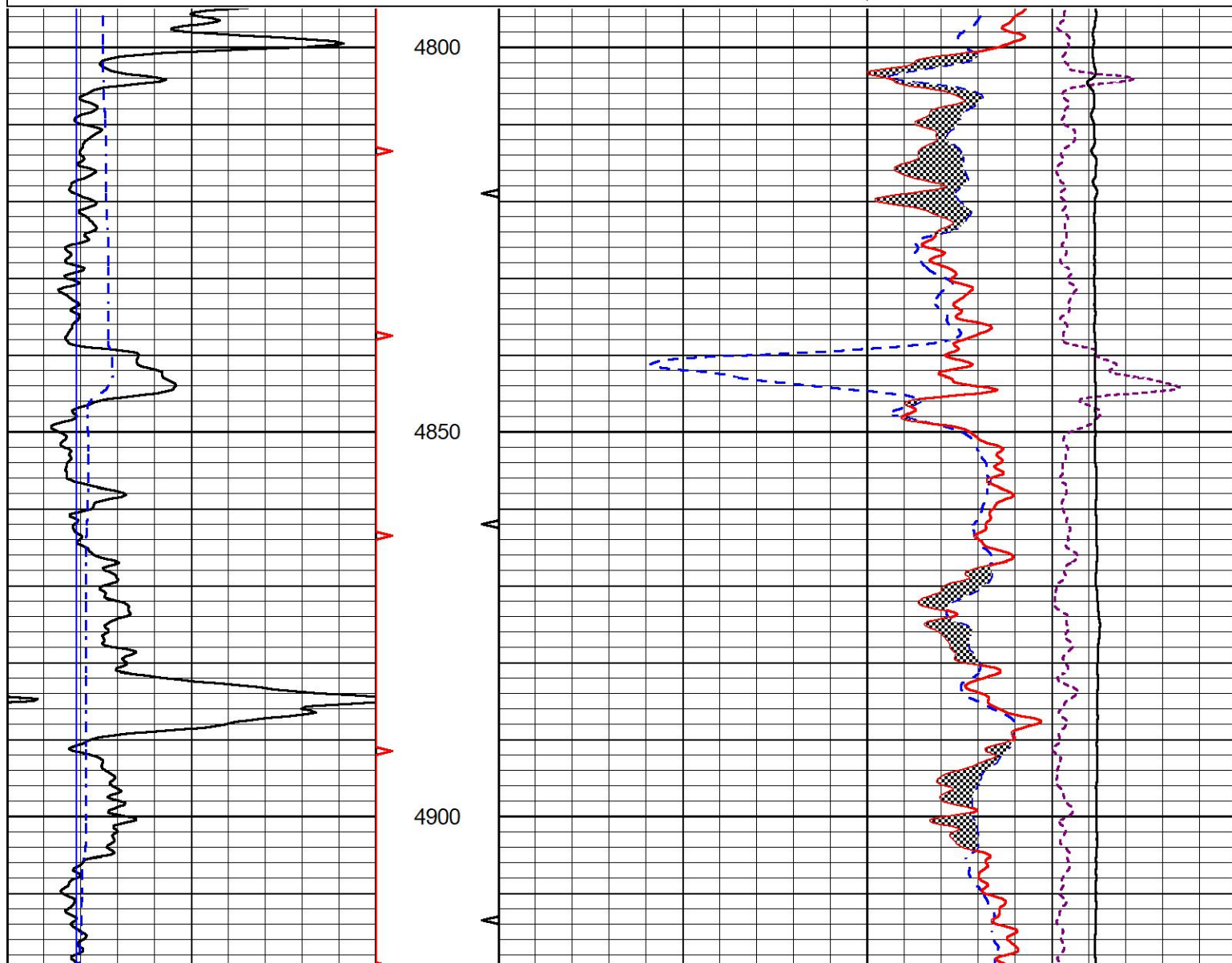
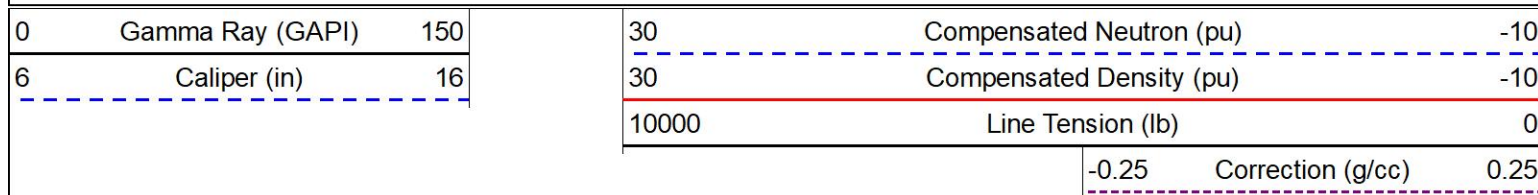


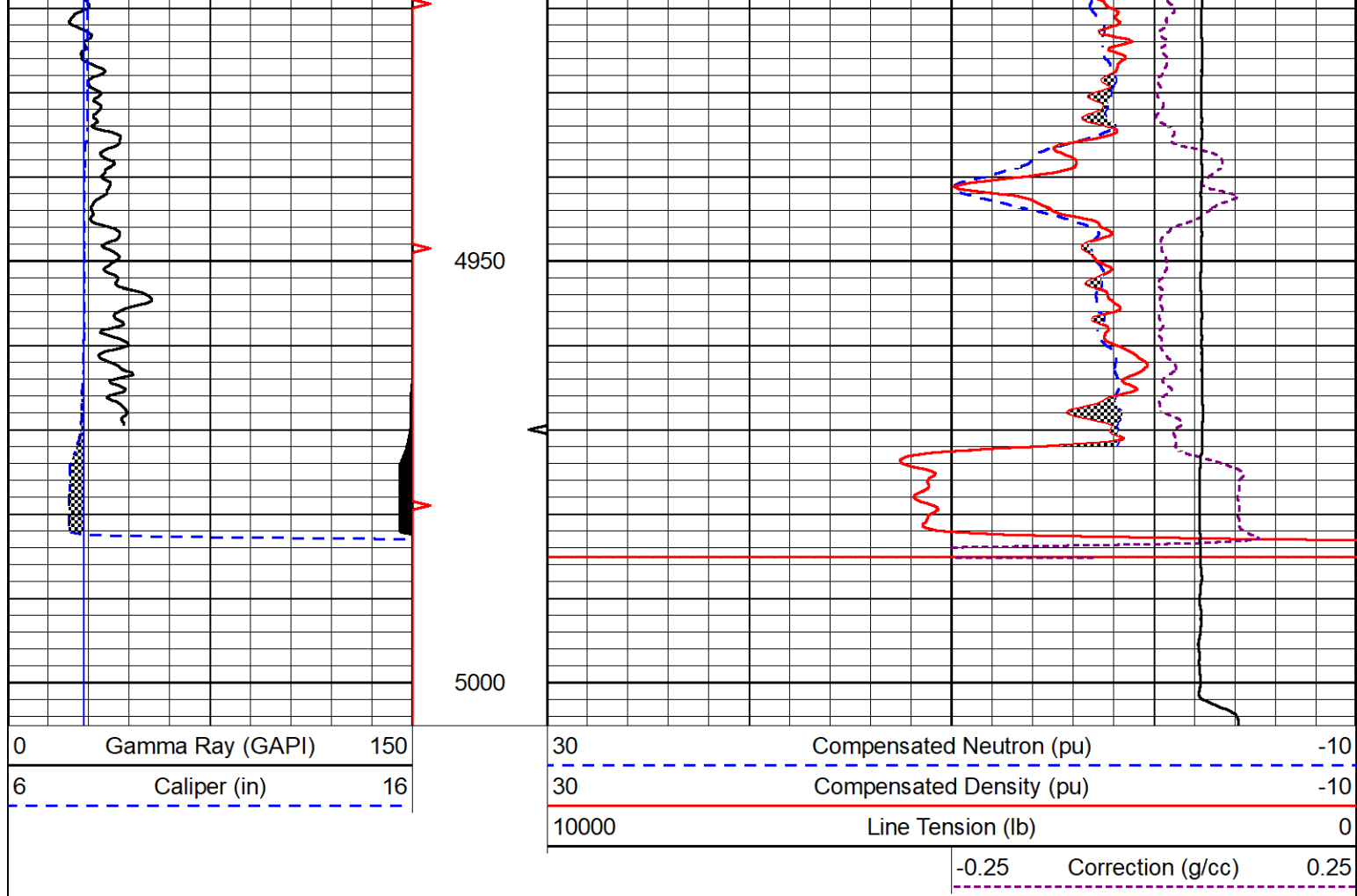


REPEAT SECTION

REPEAT PASS

Database File american_warrior_obrate_beach 2-26.db
Dataset Pathname stkml/pass2.1
Presentation Format _CNDLS~1
Dataset Creation Thu May 05 19:20:26 2022
Charted by Depth in Feet scaled 1:240





Calibration Report							
Database File	american warrior_obrate beach 2-26.db						
Dataset Pathname	stkml/pass3.10						
Dataset Creation	Thu May 05 18:10:28 2022						
Dual Induction Calibration Report							
Serial-Model:				501 HT-M&W			
Surface Cal Performed:				Sat Apr 30 02:12:10 2022			
		Readings		References		Results	
Loop:	Air	Loop		Air	Loop	m	b
Deep	83.639	487.104		0.000	183.000	mmho/m	0.455
Medium	113.335	1585.690		0.000	442.000	mmho/m	0.305

Compensated Density Calibration Report

Serial-Model:	305-05-M&W
Source #:	20762B
Master Calibration Performed:	Fri Apr 22 07:18:08 2022

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	8862.47	9339.96	cps
Aluminum	2.600	g/cc	1556.73	5707.29	cps
Spine Angle = 74.19			Density/Spine Ratio = 0.467		
	Size		Reading		
Small Ring	4.00	in	1.74		
Large Ring	14.00	in	1.38		

Compensated Neutron Calibration Report

Serial-Model:	207-MW-M&W
Source #:	100046B
Master Calibration Performed:	Mon Nov 29 15:06:24 2021

Master Calibration

Detector	Readings	Target	Normalization
Short Space	6240.00 cps	1000.00 cps	1.6025
Long Space	460.00 cps	1000.00 cps	1.9500

Gamma Ray Calibration Report

Serial Number:	101	
Tool Model:	M&W	
Performed:	Mon Jan 24 19:14:46 2022	
Calibrator Value:	500.0	GAPI
Background Reading:	24.0	cps
Calibrator Reading:	637.0	cps
Sensitivity:	0.5500	GAPI/cps



Company	American Warrior, Inc.
Well	O'Brate-Beach #2-26
Field	Wildcat
County	Finney
State	Kansas