MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company Griffin Management, LLC
Well Scottie #1
Field Moffett West
County Barber State Kansas

Location: API # : 15-007-24422-00-00
S2 S2 N2 SW
1395 FSL & 1320 FWL
SEC 9 TWP 30S RGE 15W

Other Services
DIL/MEL

Elevation
K.B. 1951
D.F.
G.L. 1946

Permanent Datum Ground Level Elevation 1946
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Company	Griffin Management, LLC
Well	Scottie #1
Field	Moffett West
County	Barber
State	Kansas
Date	6/5/2022
Run Number	One
Type Log	CNL/CDL
Depth Driller	4785
Depth Logger	4786
Bottom Logged Interval	4757
Top Logged Interval	2800
Type Fluid In Hole	Chemical
Salinity, PPM CL	6000
Density	9.6
Level	Full
Max. Rec. Temp. F	124
Operating Rig Time	3 Hours
Equipment -- Location	P-108 | HAYS
Recorded By	D. Schmidt
Witnessed By	Charles Griffin

Borehole Record

Run No.	Bit	From	To
One	12.25	0	264
Two	7.875	264	TD

Casing Record

Size	Wgt.	From	To
8.625	23	0	264

Eli Felts

<<< Fold Here >>>

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Croft,
South to 110, East to 130,
South to location

Log Measured From: Kelly Bushing 5 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew	This Log Record Was Witnessed By
Engineer: D. Schmidt	Primary Witness: Charles Griffin
Operator:	Secondary Witness: Eli Felts
Operator:	Secondary Witness:
Operator:	Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
GR	40.33		GR-M&W (103)	3.00	3.50	50.00
CNLSC	37.23		CNT-M&W (210)	5.00	3.50	100.00
CNSSC	36.48					
			CDL-M&W (303-03)	8.50	4.00	250.00
LSD	28.18					
DCAL	28.17					
SSD	27.68					
			ML-PSI STKBL ML (401)	7.58	4.00	65.00
MCAL	19.58					
MI	19.58					
MN	19.58					
RLL3F	15.50					
RLL3	15.50					
			DIL-M&W (504 HT)	18.25	3.50	220.00
CILD	8.33					
CILM	4.50					
SP	0.20					

Dataset: griffin_scottie 1.db: field/well/stkml/pass3.13
Total length: 42.33 ft
Total weight: 685.00 lb
O.D.: 4.00 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\griffin_scottie 1.db
Dataset field/well/stkml/pass3.13/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	124	5.5	0	1	2	2.71

NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	0	0	390	60	Off	4786

Variable Description

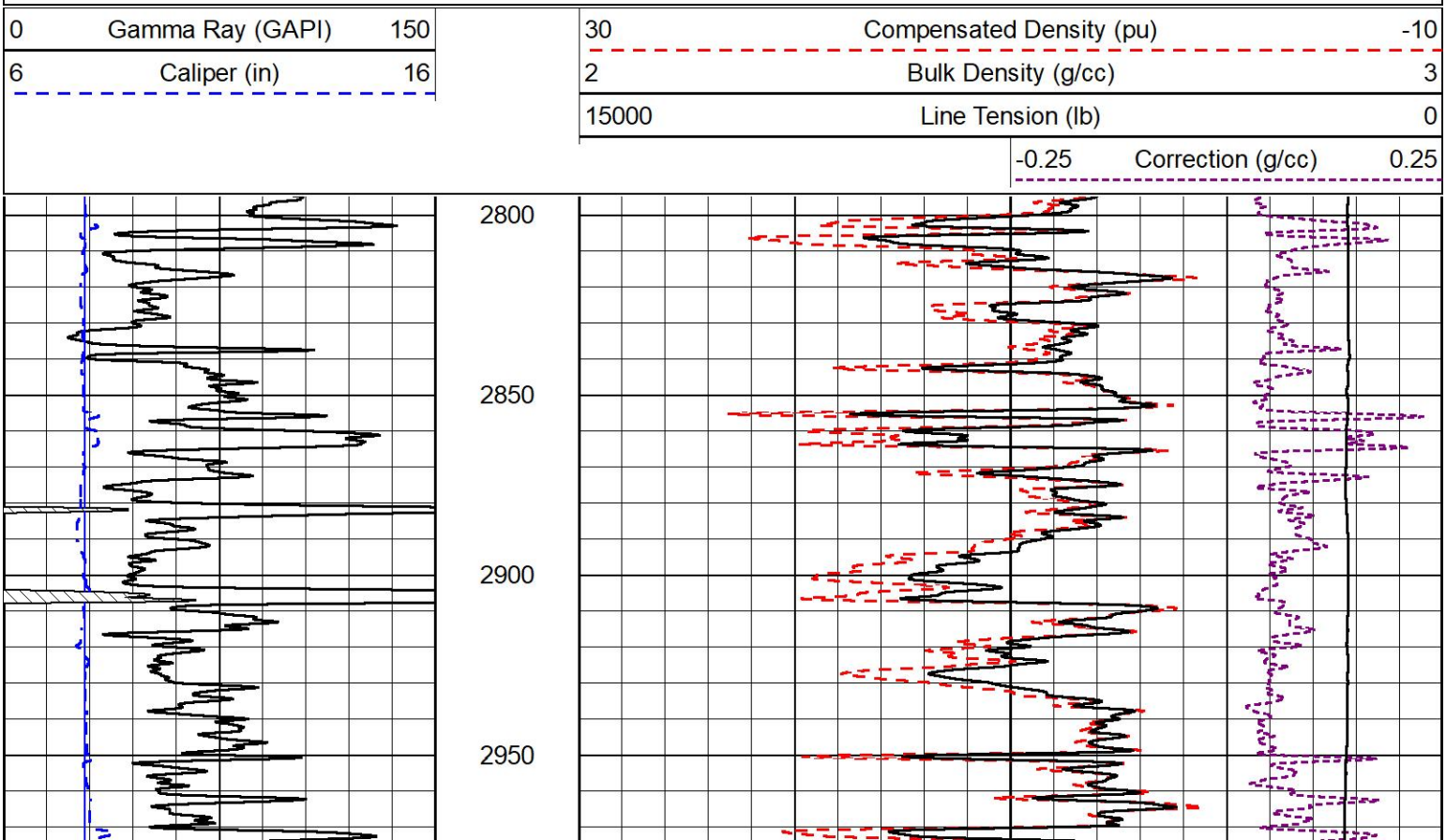
A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density
NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

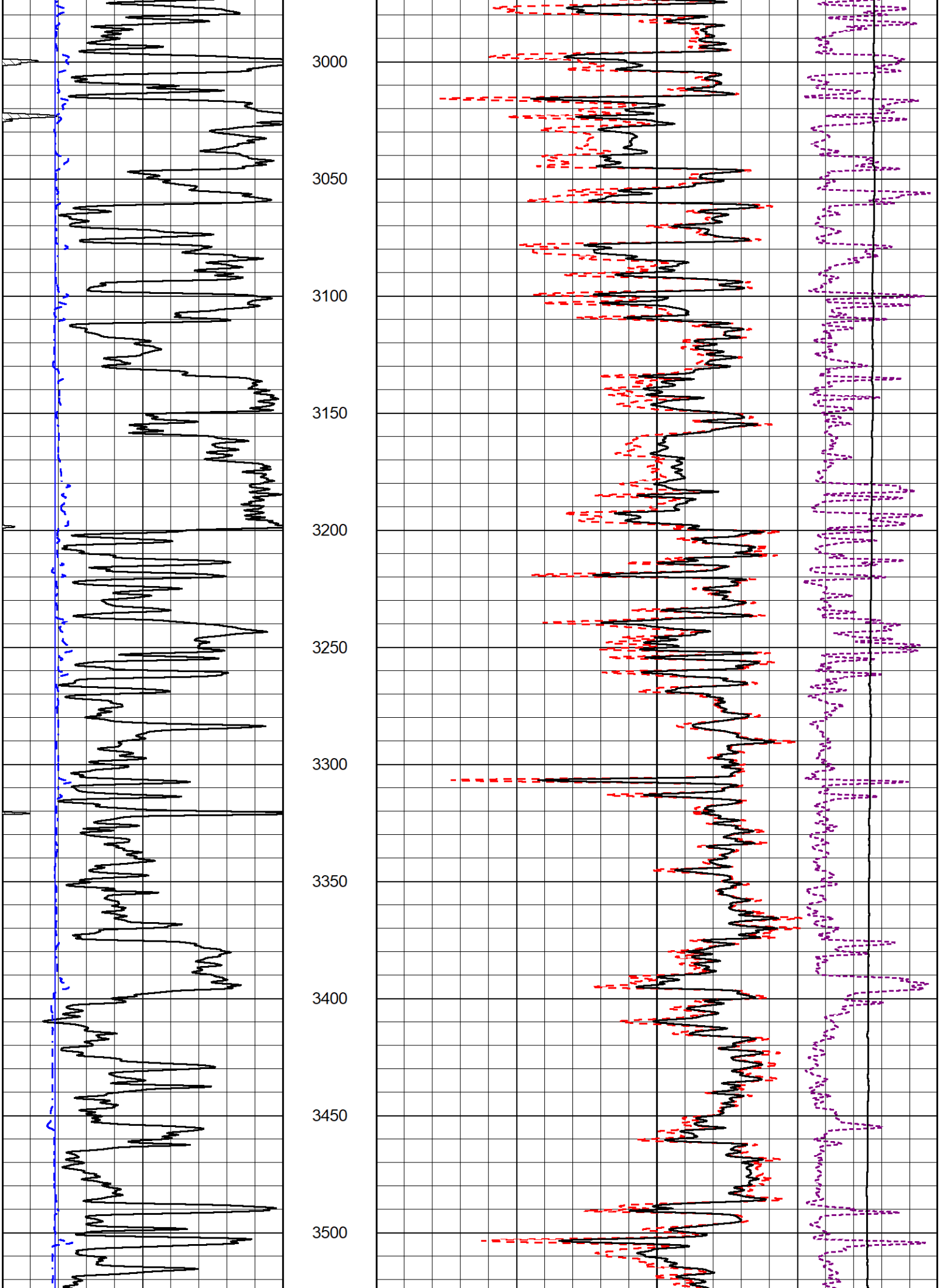
MIDWEST WIRELINE

2" SCALE BULK DENSITY

MAIN PASS

Database File	griffin_scottie 1.db
Dataset Pathname	stkml/pass3.2
Presentation Format	_cdl
Dataset Creation	Sun Jun 05 23:27:38 2022
Charted by	Depth in Feet scaled 1:600

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3150
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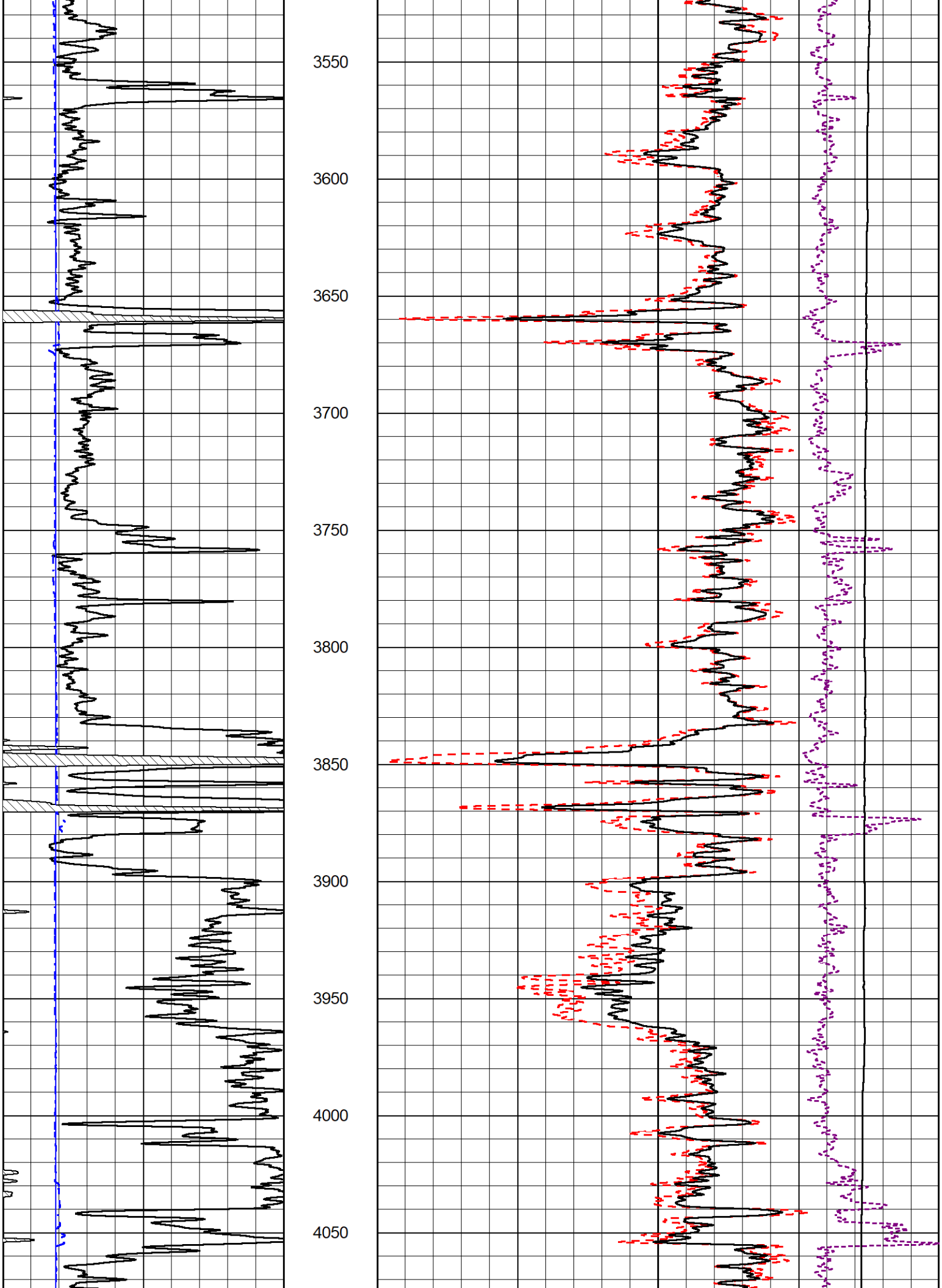
3400
3450
3500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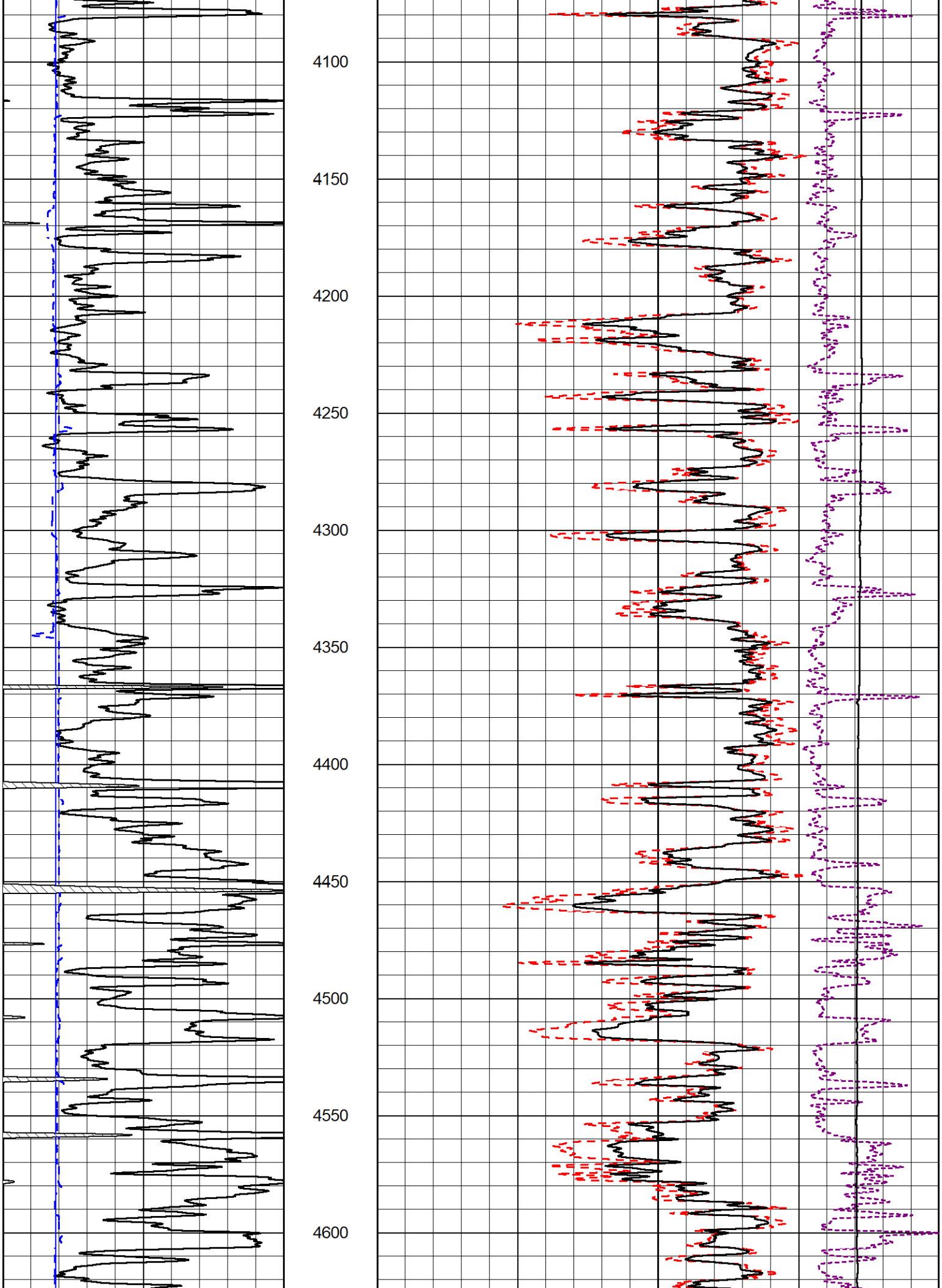
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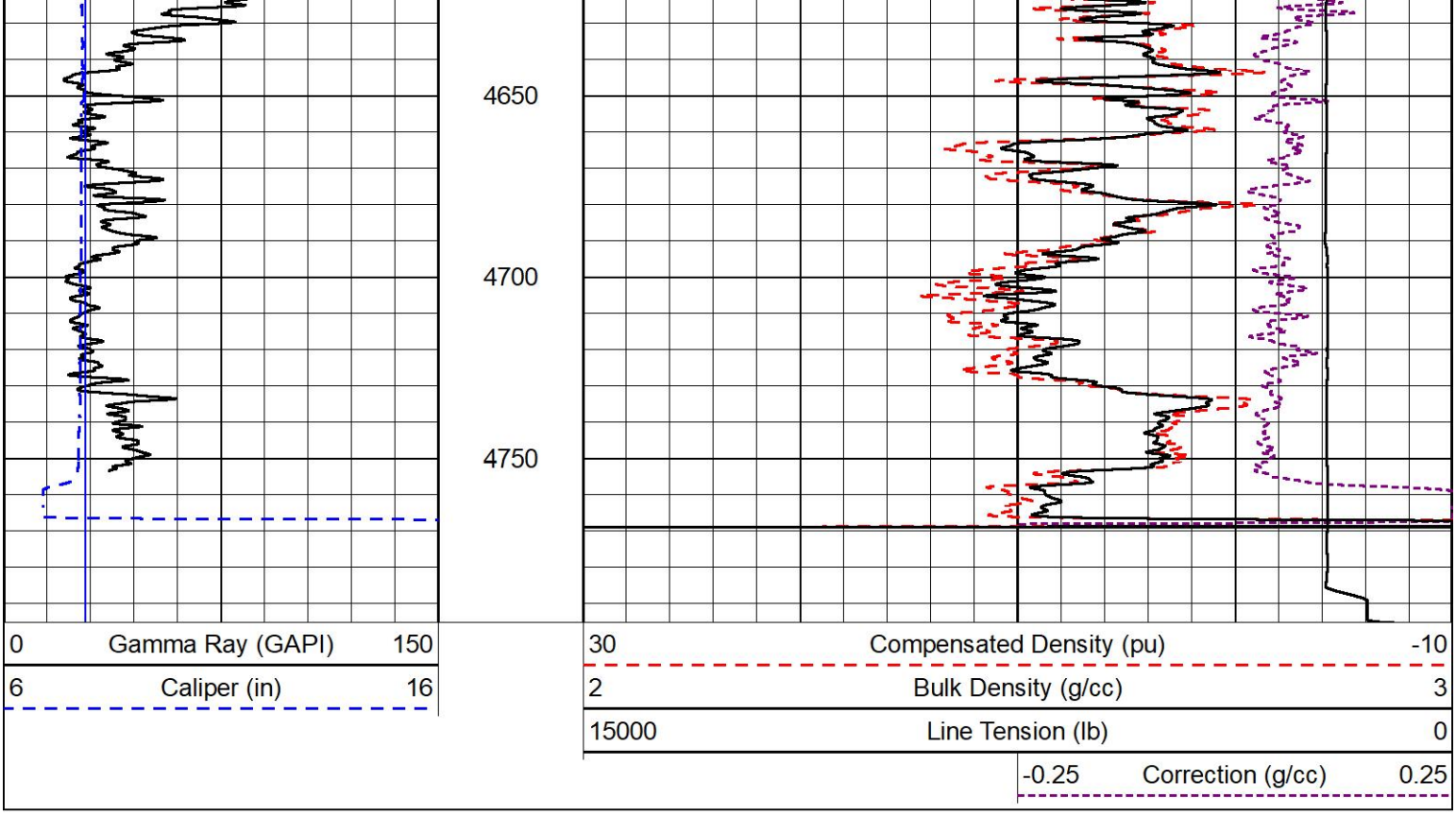
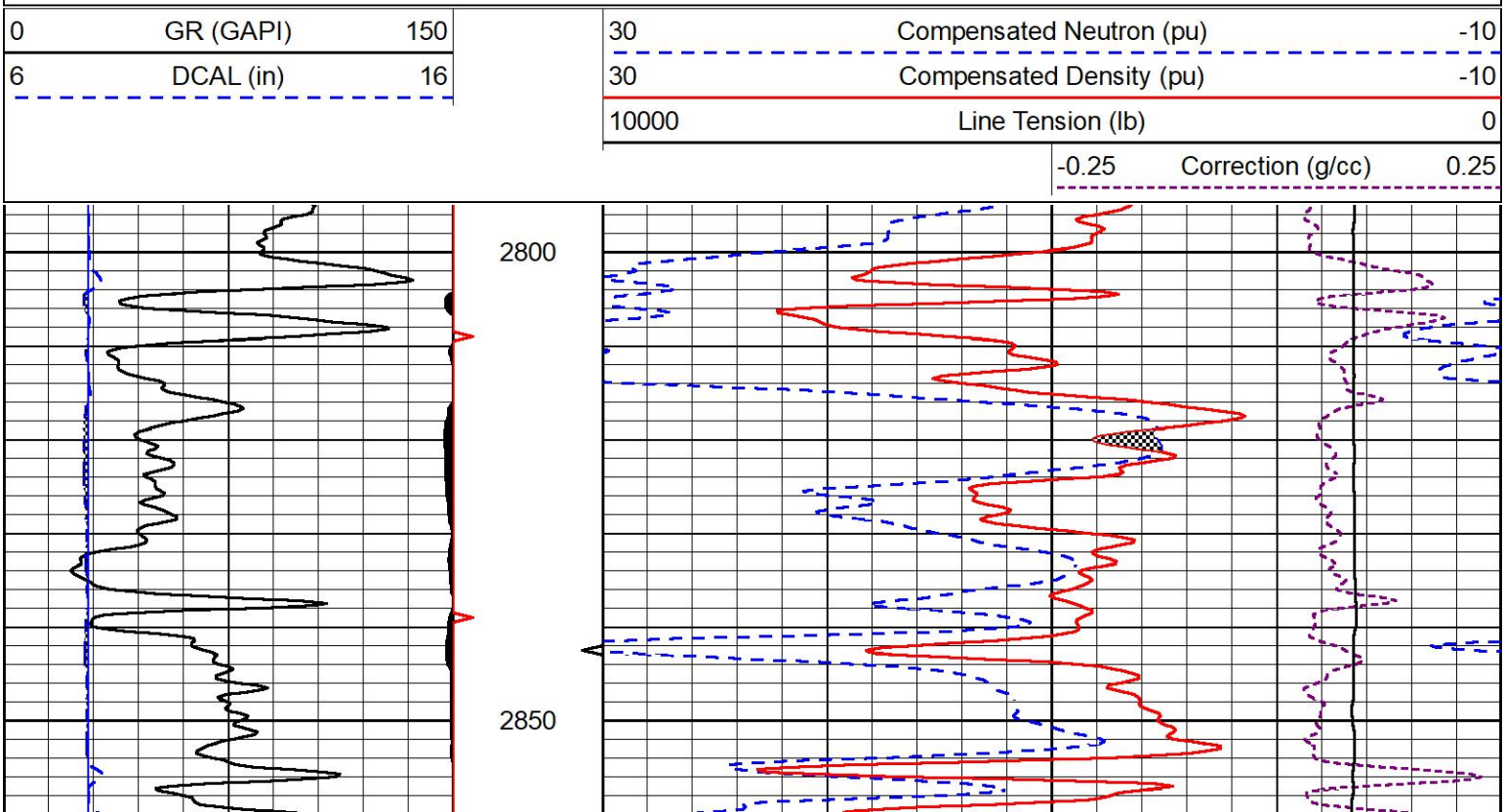


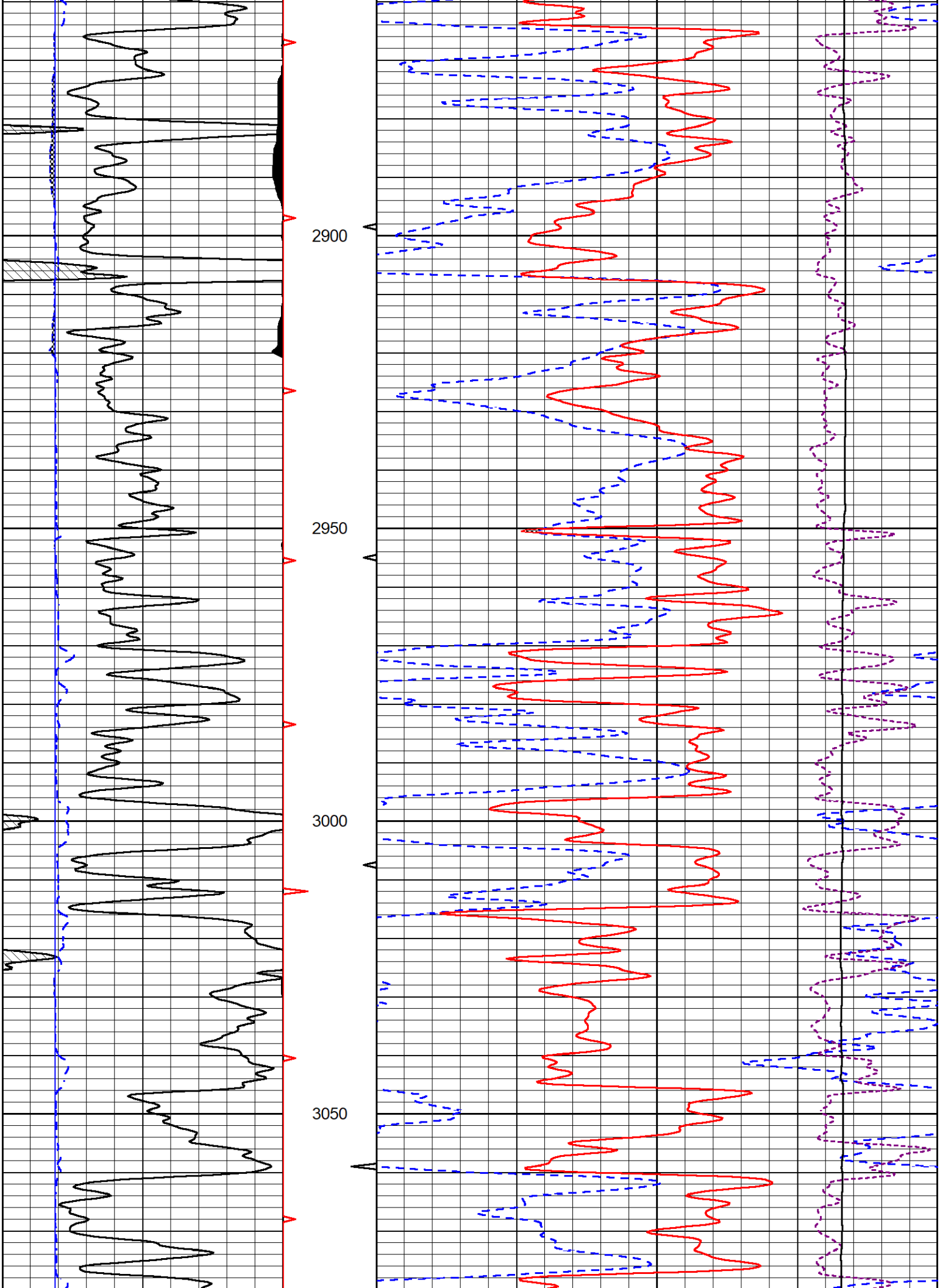
MIDWEST WIRELINE

DETAIL SECTION

MAIN PASS

Database File	griffin_scottie 1.db
Dataset Pathname	stkml/pass3.5
Presentation Format	_CNDLS~1
Dataset Creation	Sun Jun 05 23:27:57 2022
Charted by	Depth in Feet scaled 1:240

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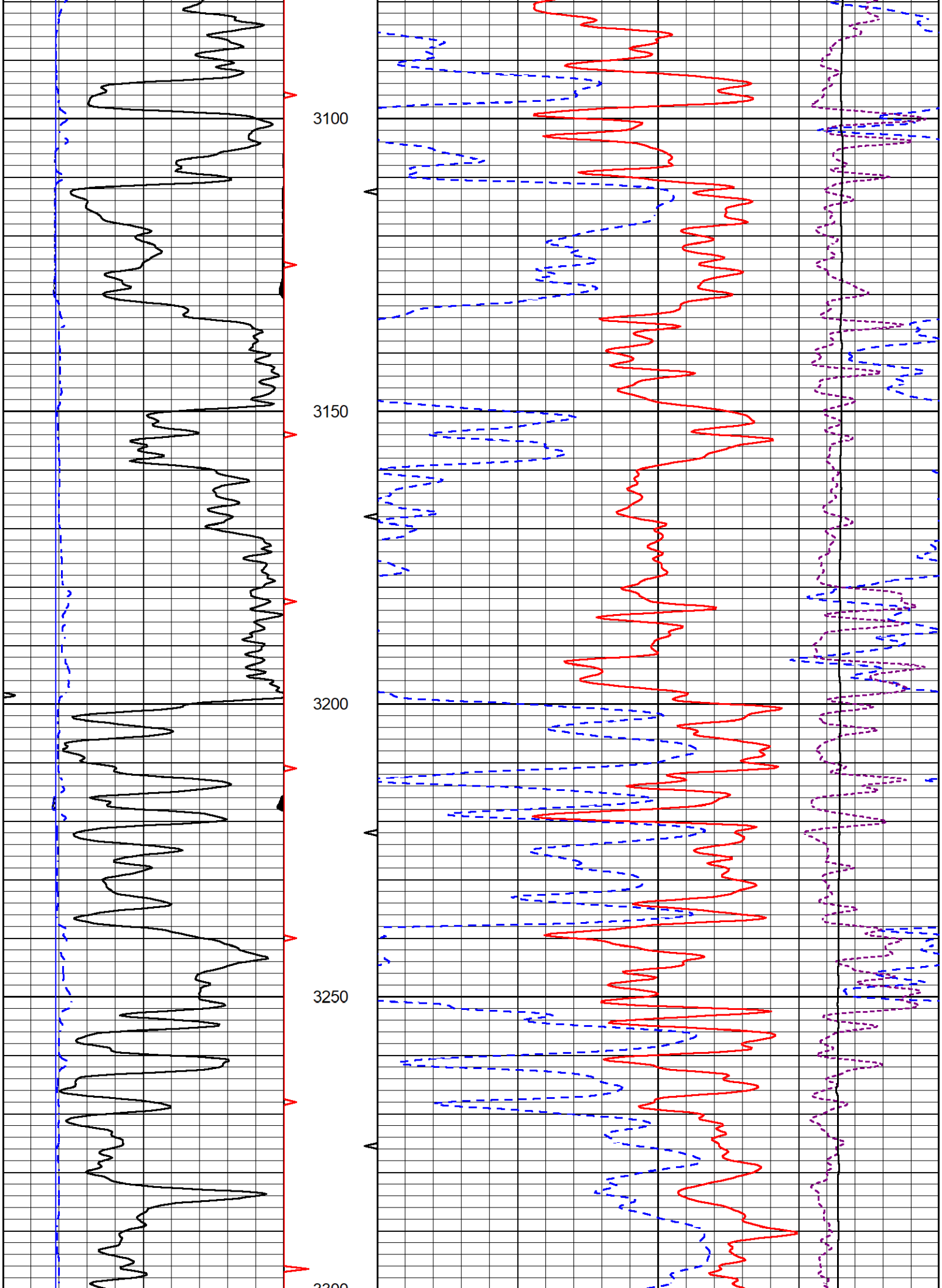
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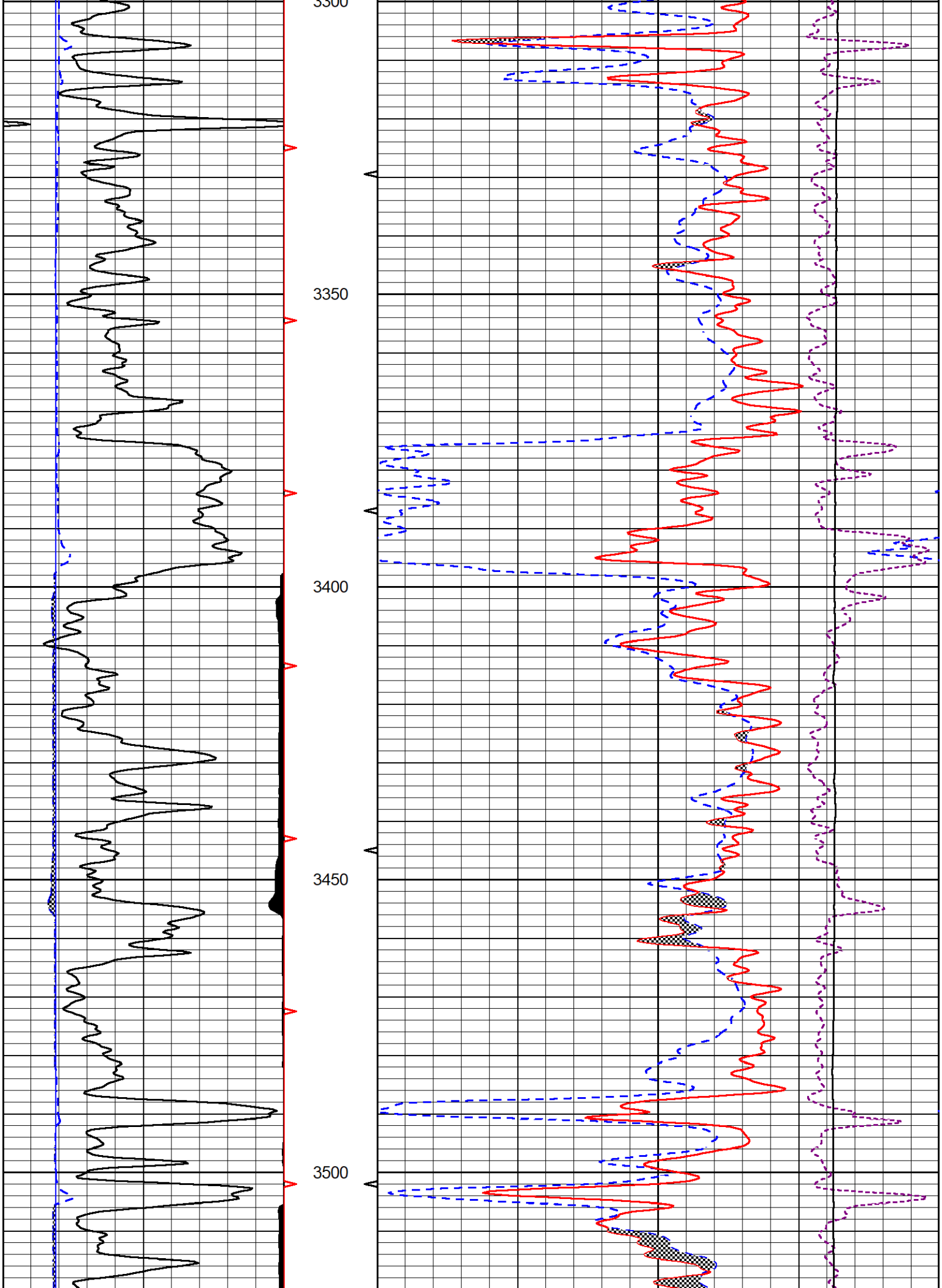
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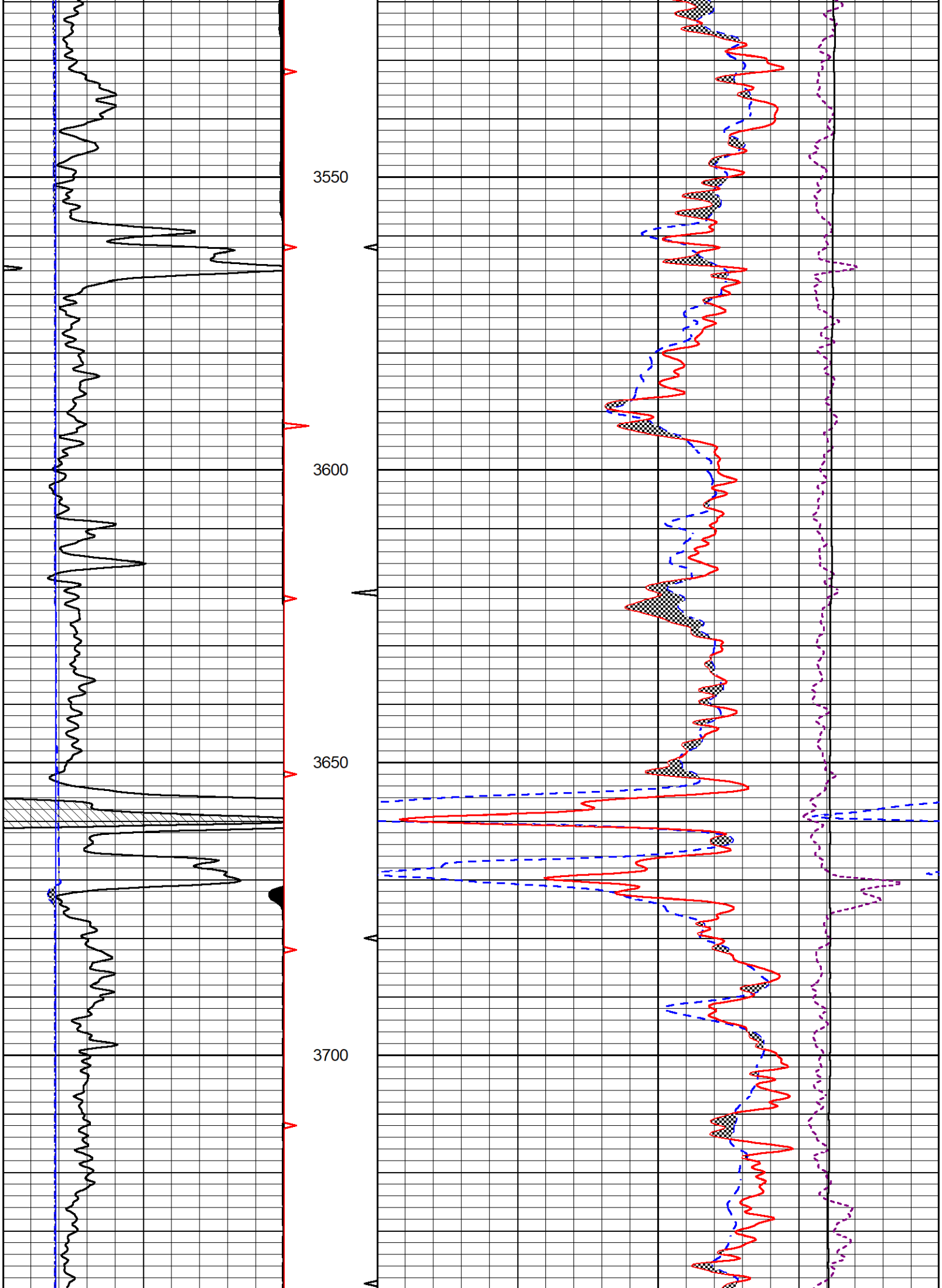
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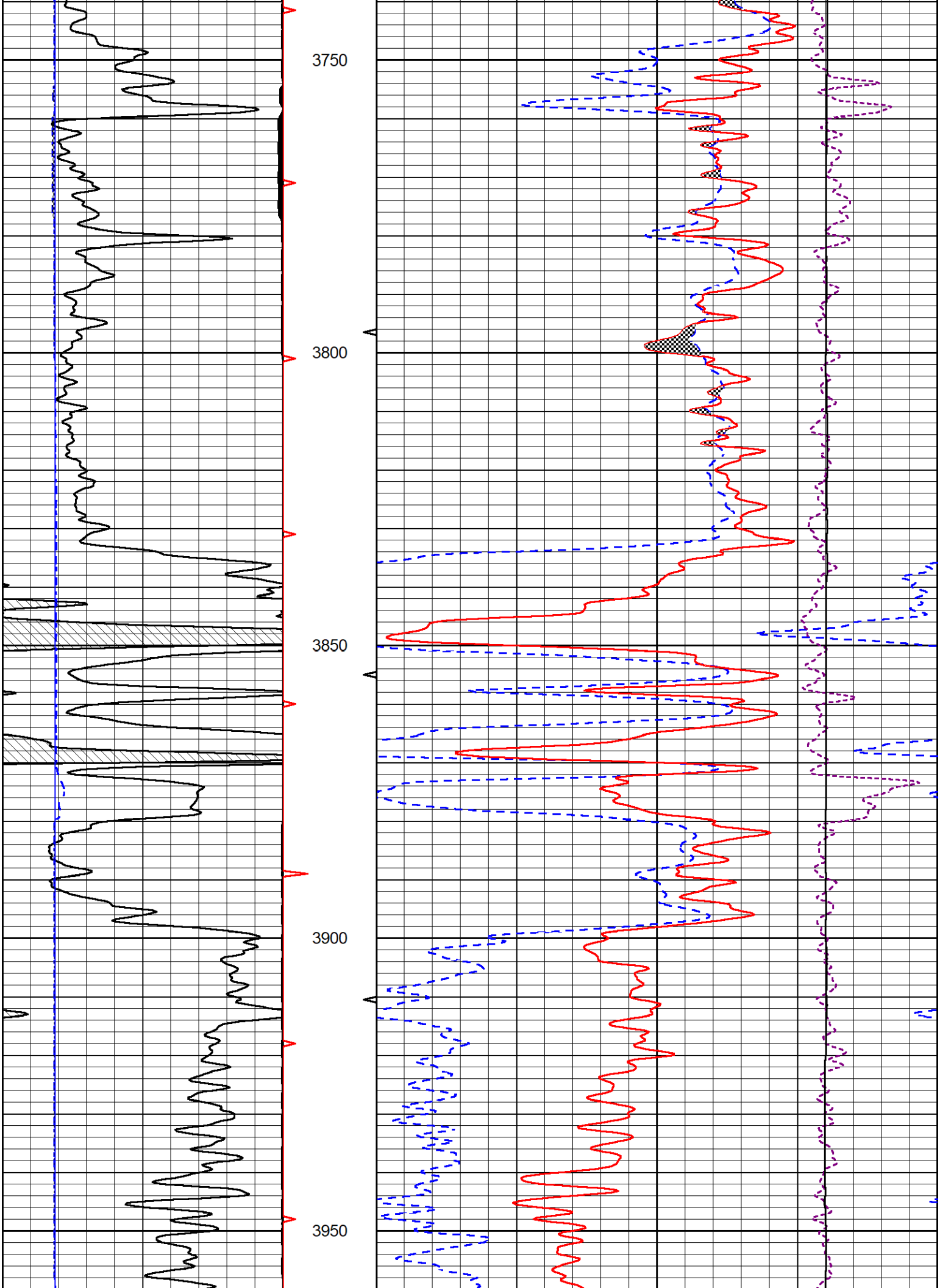
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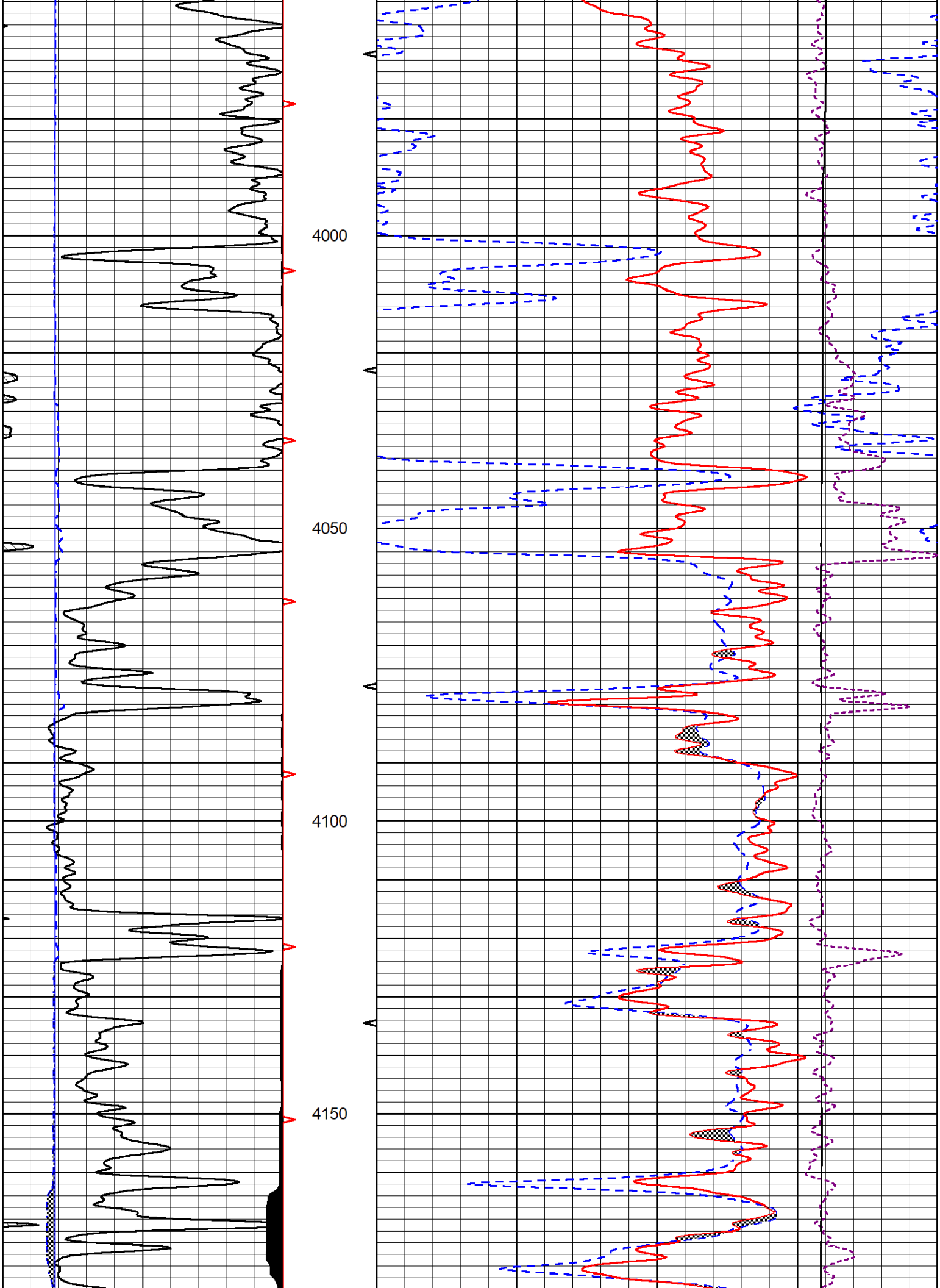
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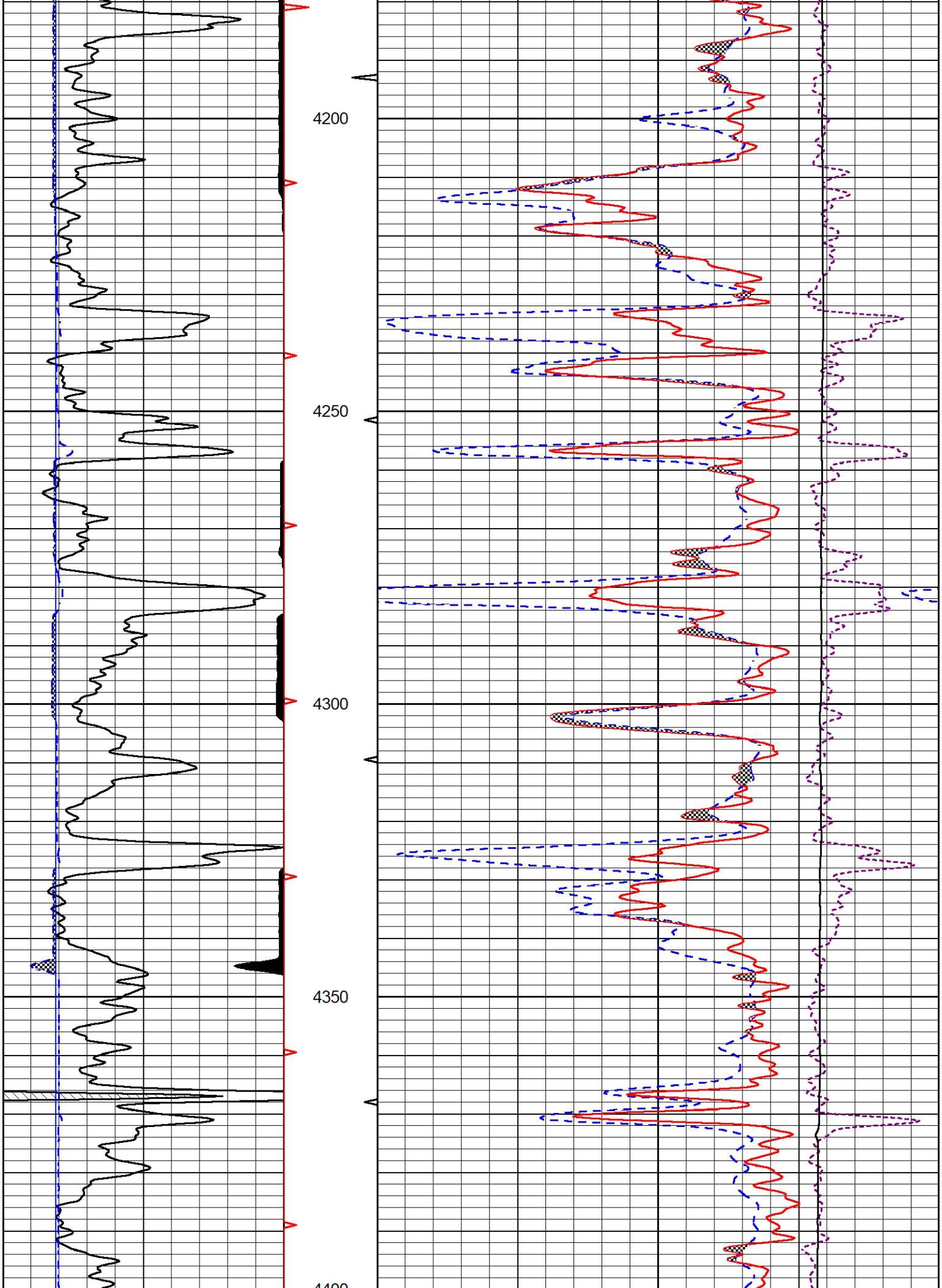
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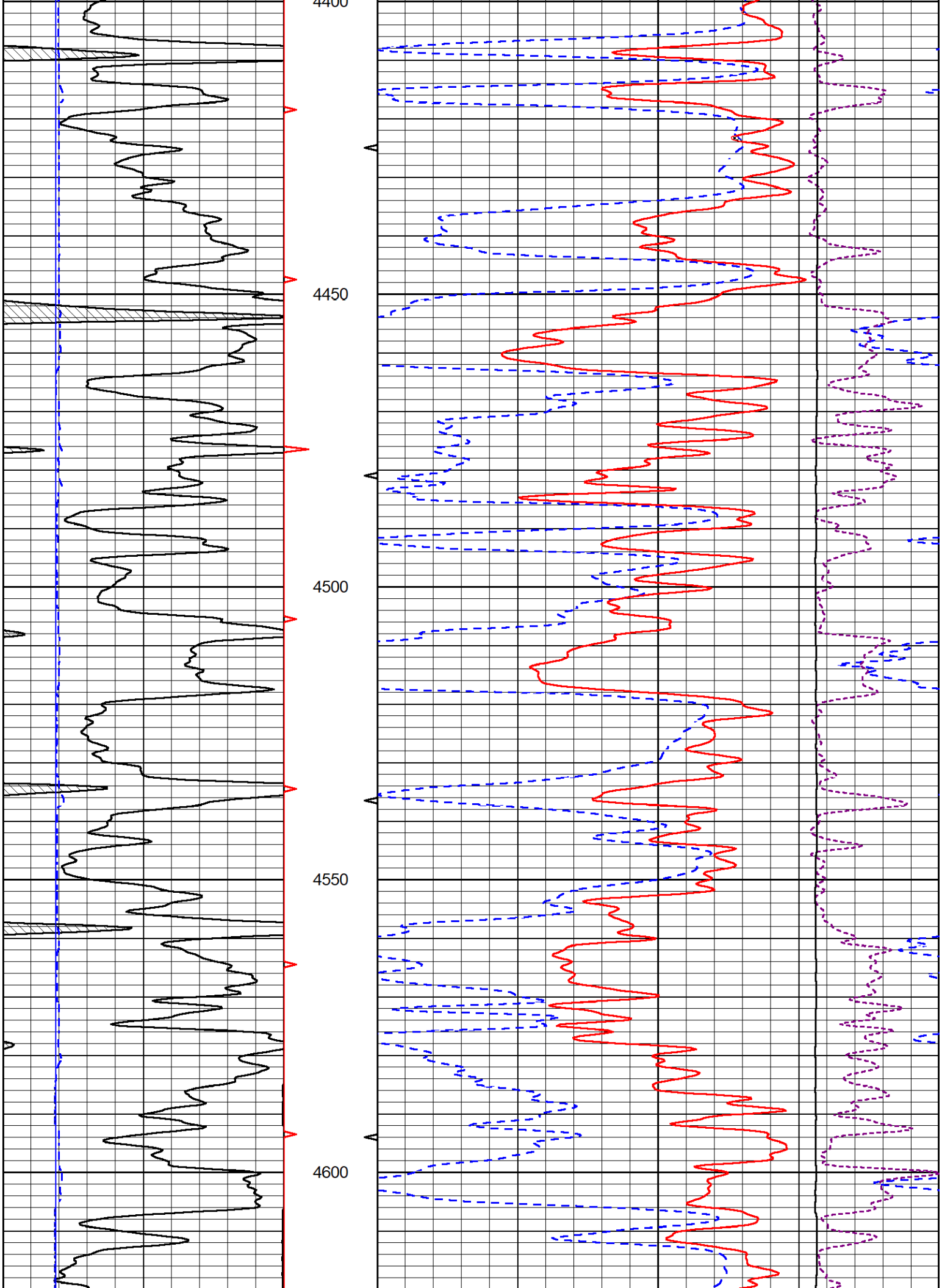
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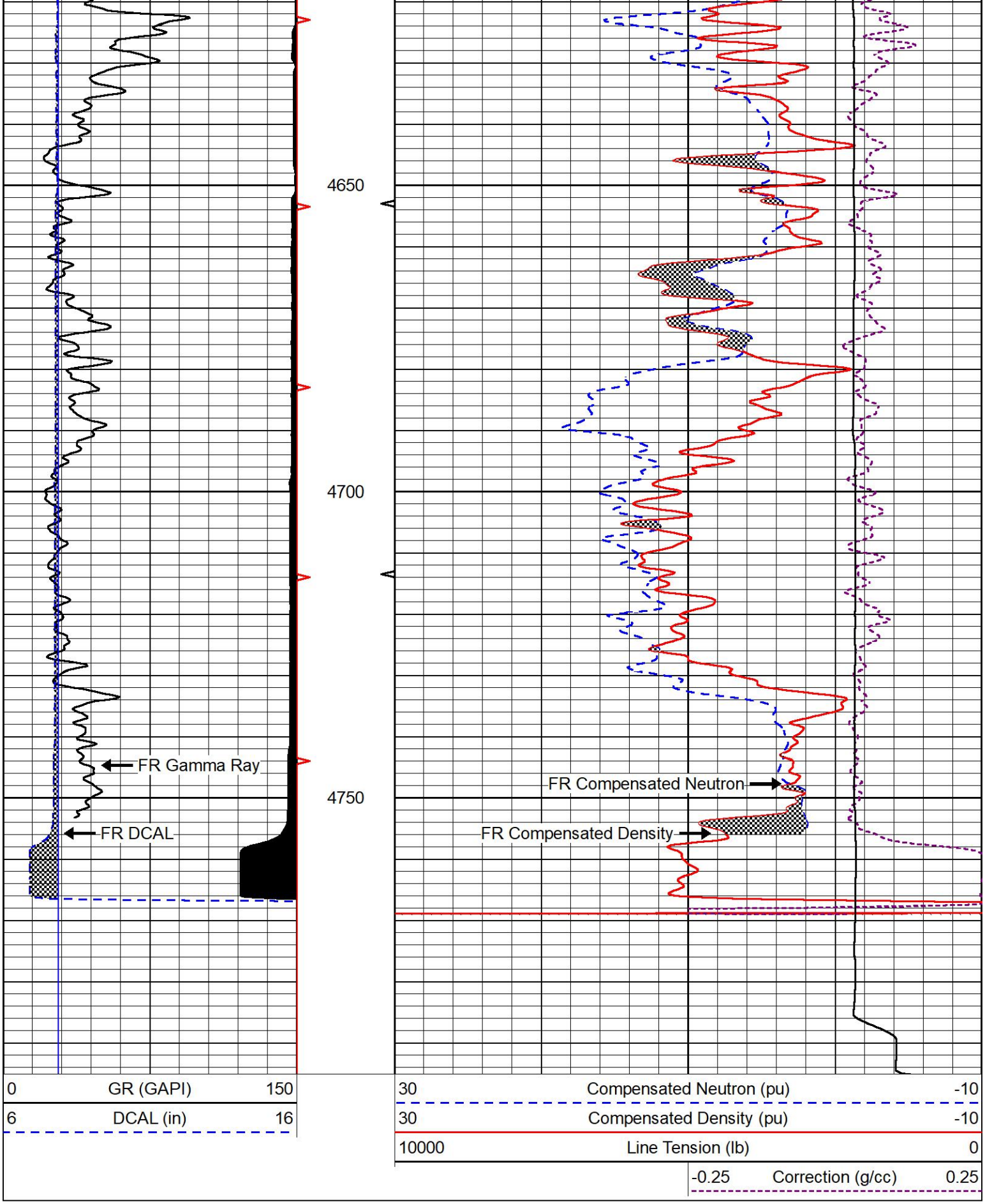


MIDWEST WIRELINE

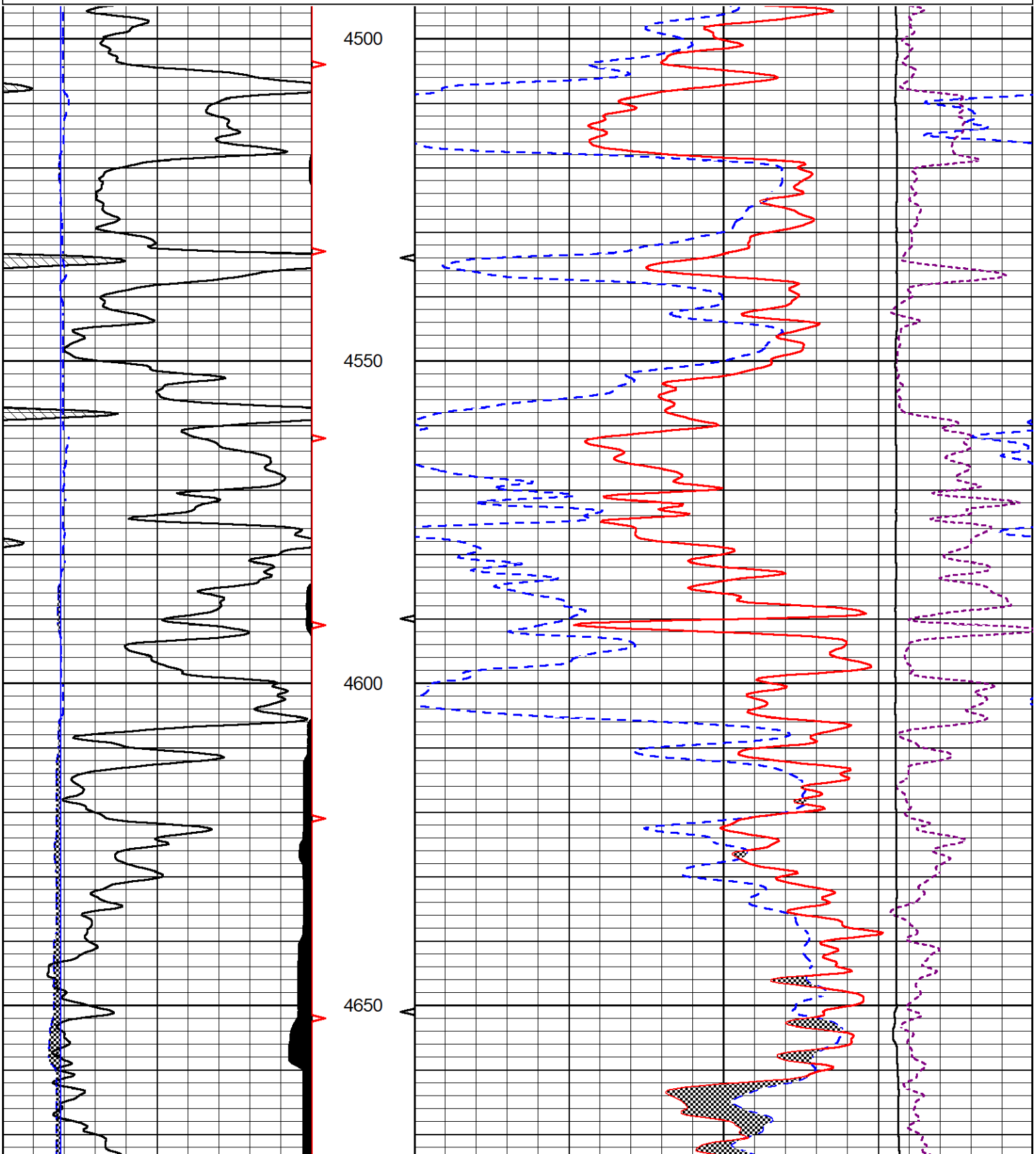
REPEAT SECTION

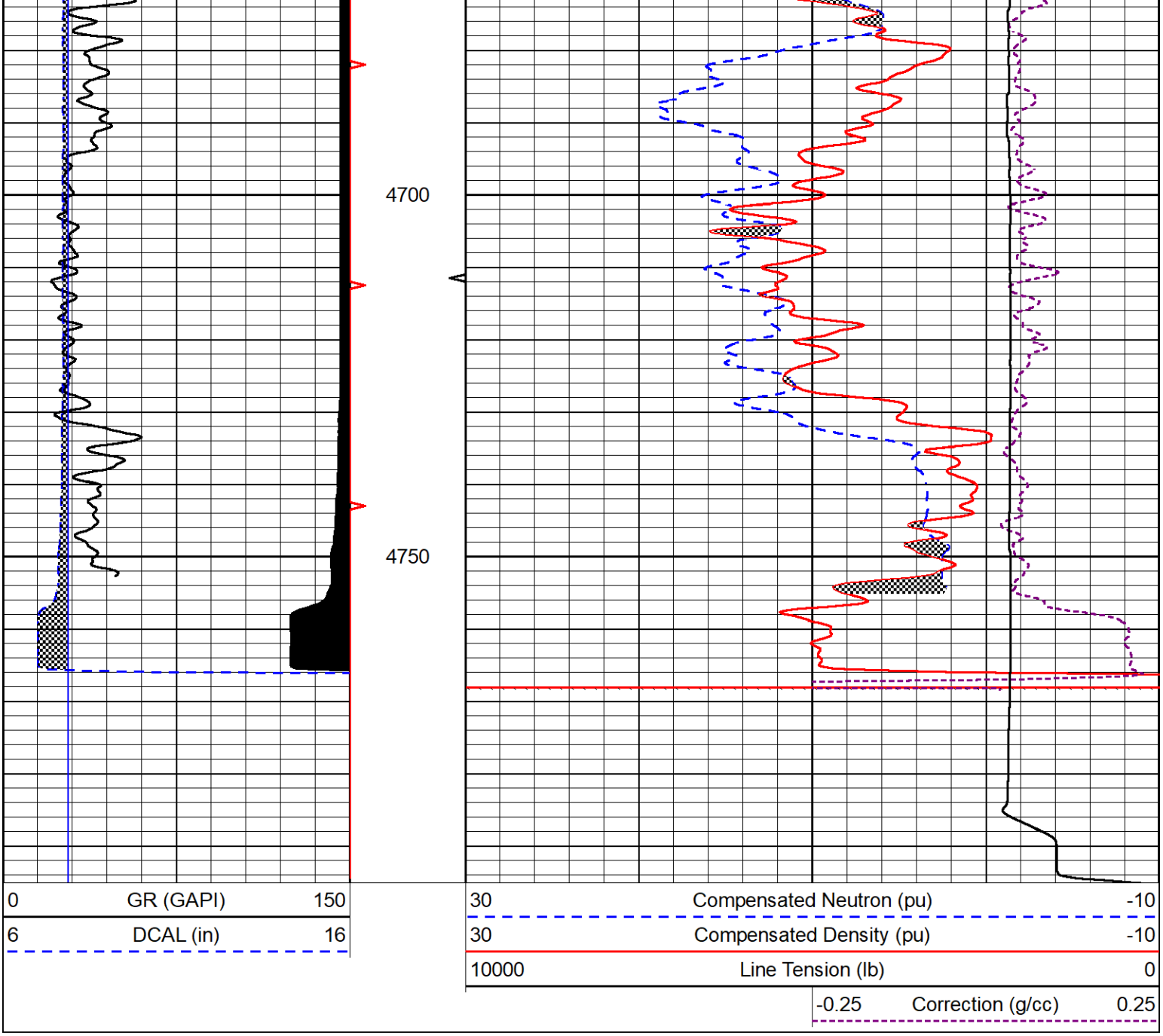
REPEAT PASS

Database File	griffin_scottie 1.db
Dataset Pathname	stkml/pass2.1
Presentation Format	_CNDLS~1
Dataset Creation	Sun Jun 05 22:54:59 2022
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	DCAL (in)	16

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





Calibration Report

Database File	griffin_scottie 1.db
Dataset Pathname	stkml/pass3.13
Dataset Creation	Sun Jun 05 22:50:06 2022

Dual Induction Calibration Report

Serial-Model:	504 HT-M&W
Surface Cal Performed:	Thu Dec 16 22:32:49 2021

	Readings		References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	178.615	710.235	0.000	255.800	mmho/m	0.650	-19.000
Medium	161.982	1441.110	0.000	255.800	mmho/m	0.450	-45.500

Microlog Calibration Report

Serial-Model:	401-PSI STKBL ML

Performed: Fri Jun 3 18:46:15 2022

	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0037	0.0043	0.0000	10.0000	Ohm-m	13000.0000	-0.6000
Inverse	0.1208	0.0013	0.0000	10.0000	Ohm-m	11500.0000	0.0000
Caliper	1.0020	1.0834	5.5000	16.5000	in	135.1520	-131.5000

Compensated Density Calibration Report

Serial-Model: 303-03-M&W
Source #: 21170B
Master Calibration Performed: Thu Dec 16 23:28:34 2021

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	3841.78	5151.73	cps
Aluminum	2.670	g/cc	700.98	3068.49	cps

Spine Angle = 73.06 Density/Spine Ratio = 0.515

	Size		Reading
Small Ring	4.00	in	1.17
Large Ring	14.00	in	1.03

Compensated Neutron Calibration Report

Serial-Model: 210-M&W
Source #: N-1238
Master Calibration Performed: Fri Dec 3 09:16:24 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: 103
Tool Model: M&W
Performed: Fri Dec 3 12:13:24 2021

Calibrator Value: 500.0 GAPI

Background Reading: 28.0 cps
Calibrator Reading: 986.0 cps

Sensitivity: 0.5700 GAPI/cps

Company	Griffin Management, LLC
Well	Scottie #1
Field	Moffett West
County	Barber

MIDWEST WIRELINE	State Kansas