



MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company Griffin Management, LLC
Well Whitley #2
Field Moffett West
County Barber State Kansas

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Well Whitley #2
Field Moffett West
County Barber
State Kansas

Location: API #: 15-007-24414-00-00
1465 FNL & 2115 FEL
SEC 8 TWP 30S RGE 15W
Permanent Datum Ground Level Elevation 1977
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
DIL/MEL
K.B. 1982
D.F. G.L. 1977

Date 5/16/2022

Run Number	One
Type Log	CNL/CDL
Depth Driller	4834
Depth Logger	4838
Bottom Logged Interval	4809
Top Logged Interval	2800
Type Fluid In Hole	Chemical
Salinity, PPM CL	7500
Density	9.5
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

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	263	8.625	23	0	263
Two	7.875	263	TD				

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

Croft,
South to 110, 1 East, South to county line,
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

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Charles Griffin
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\griffin_whitley 2.db
Dataset field/well/stkml/pass4.10/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 124	in 5.5	in 0	g/cc 1	2	g/cc 2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m 0	mmho/m 0	mV 460	degF 70	Off	ft 4838

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



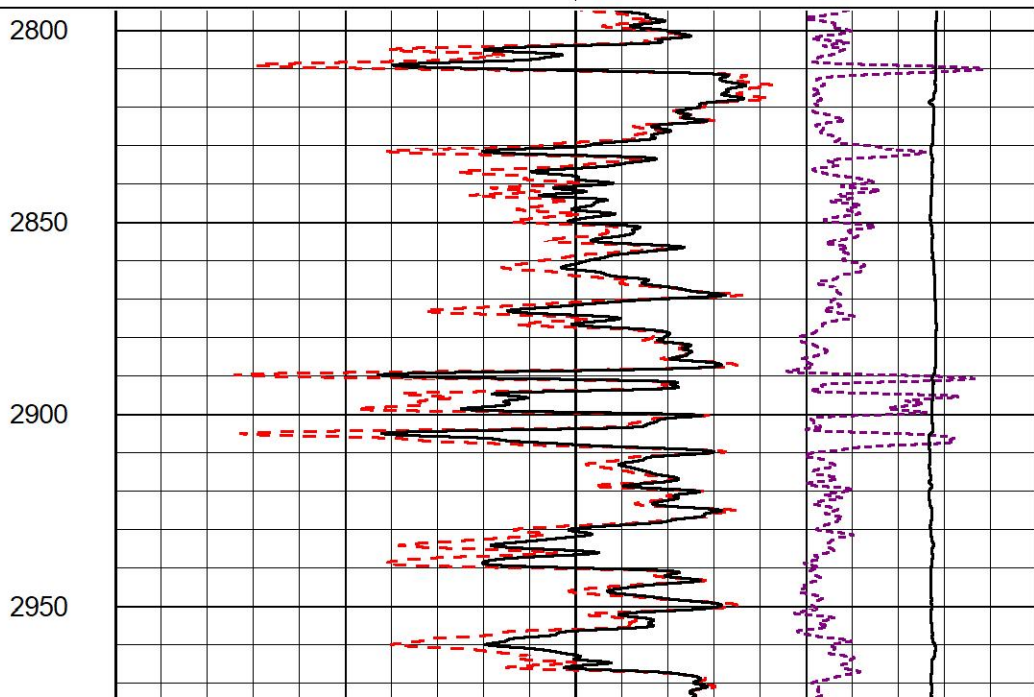
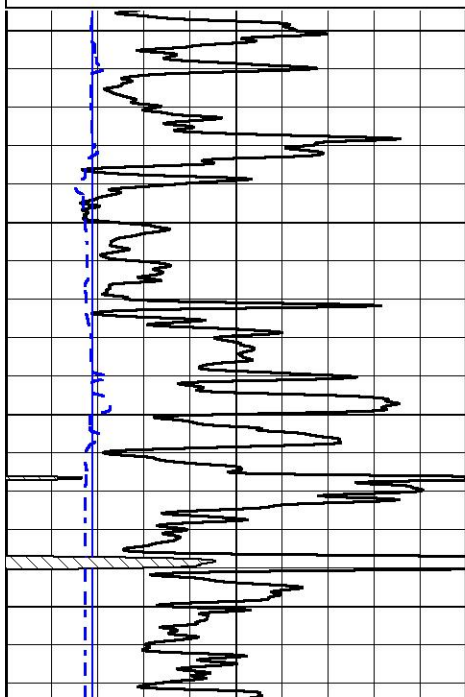
2" SCALE BULK DENSITY

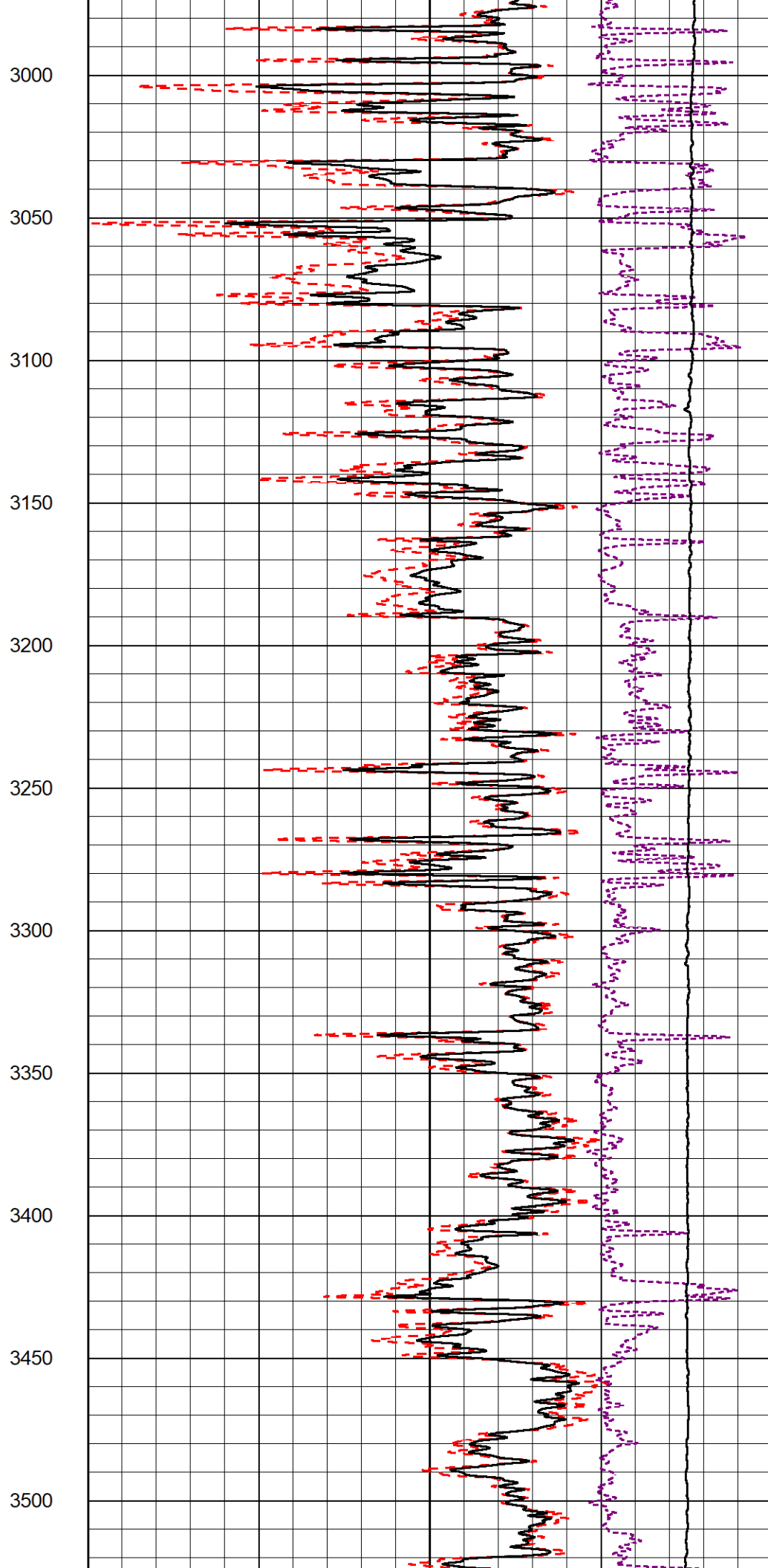
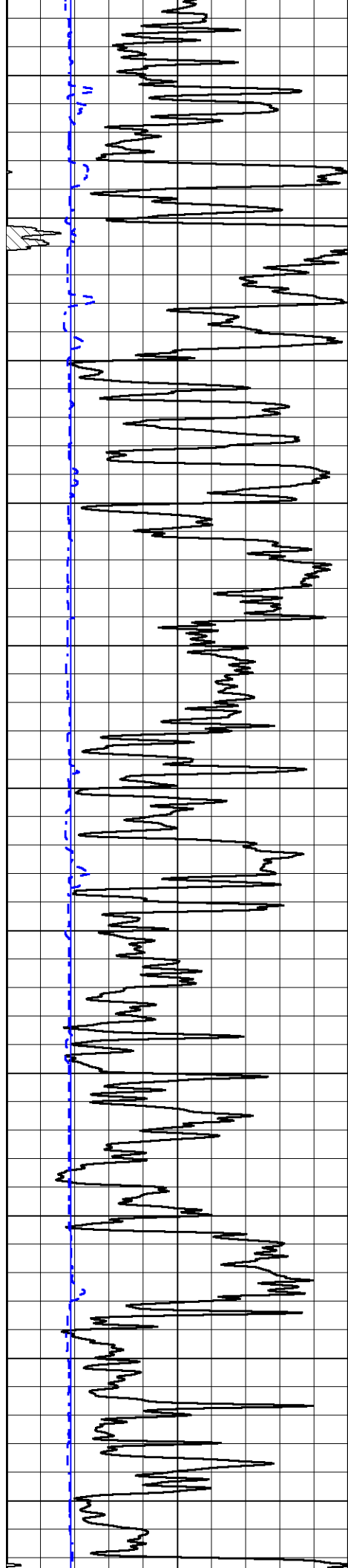
MAIN PASS

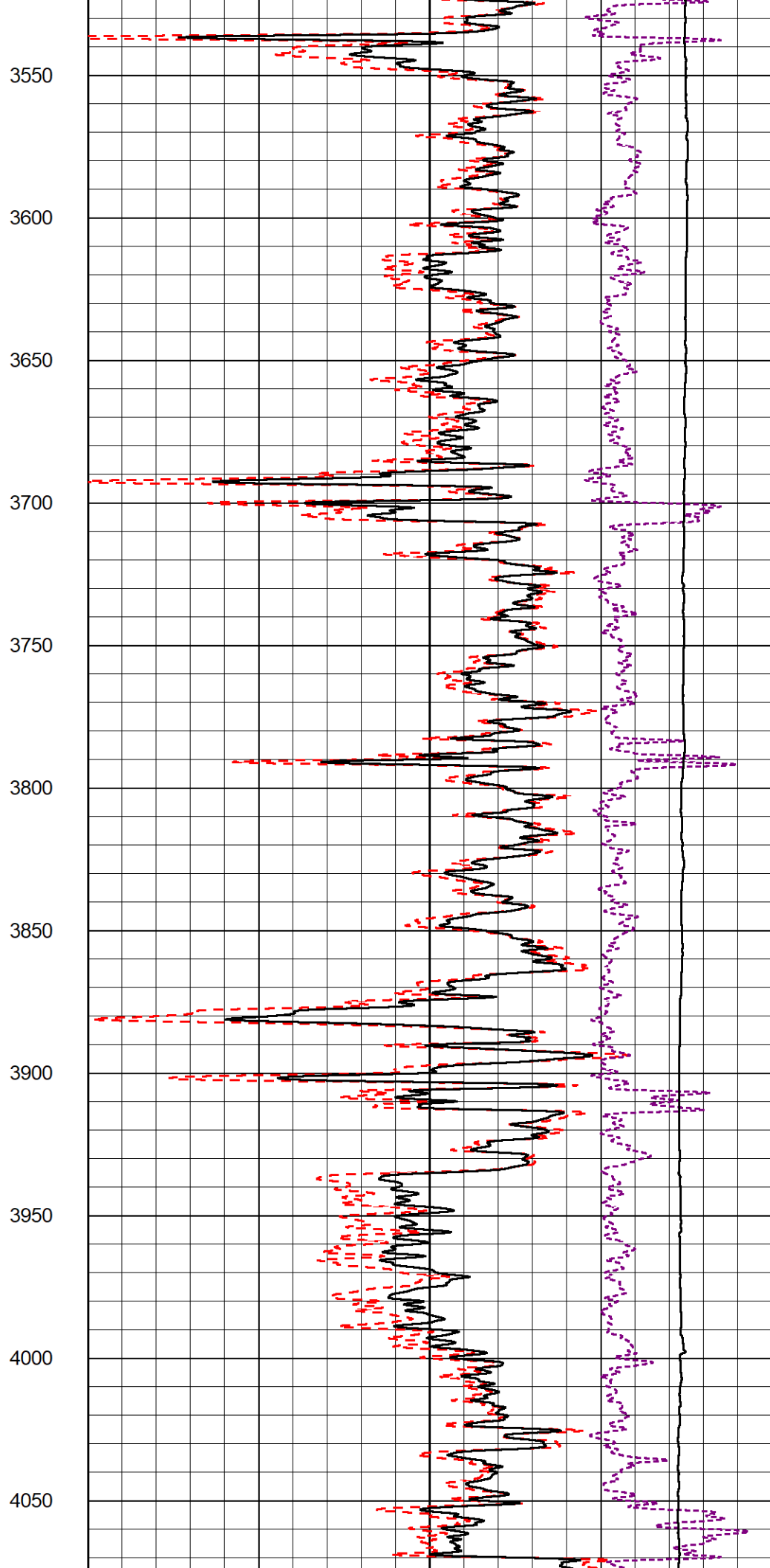
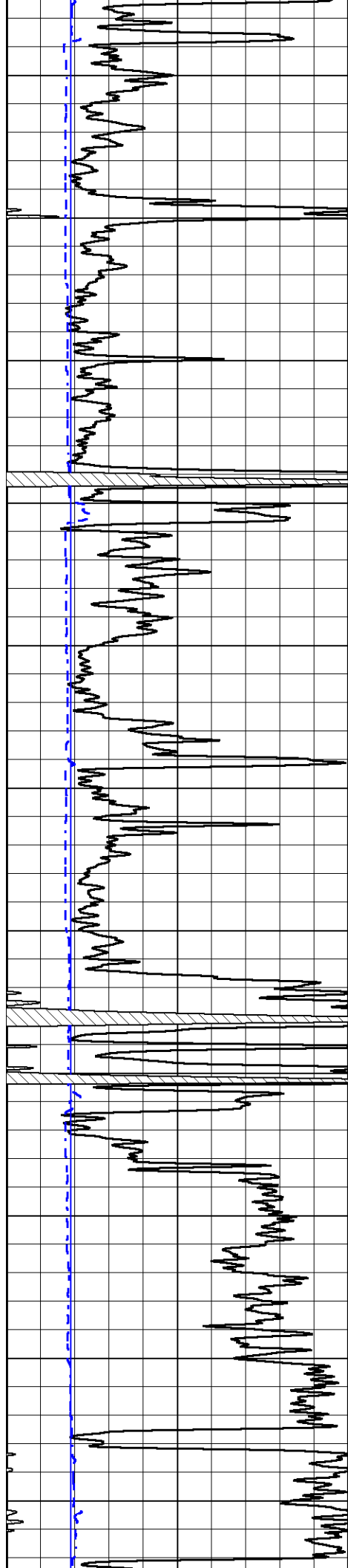
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Charted by Depth in Feet scaled 1:600

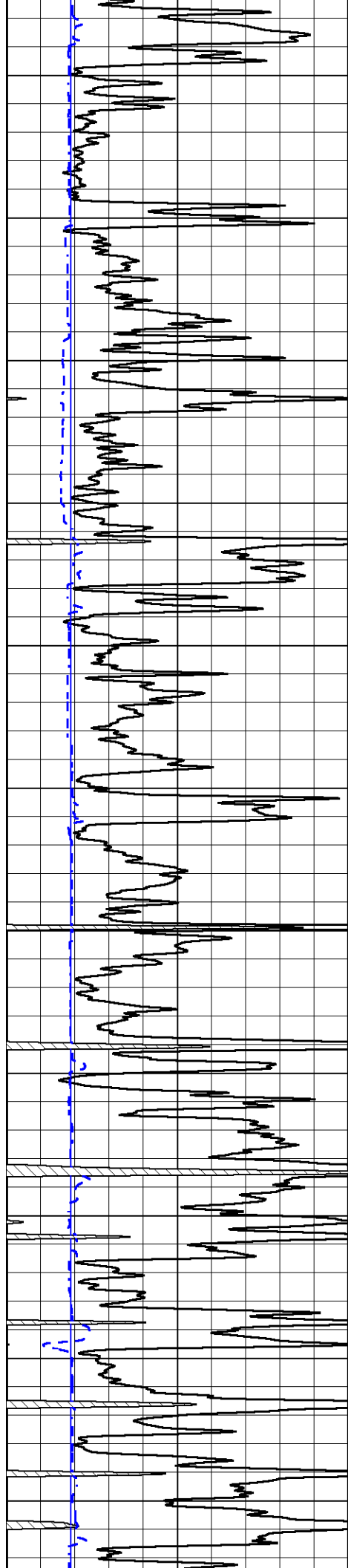
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	Compensated Density (pu)	-10
2	Bulk Density (g/cc)	3
15000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25









4100

4150

4200

4250

4300

4350

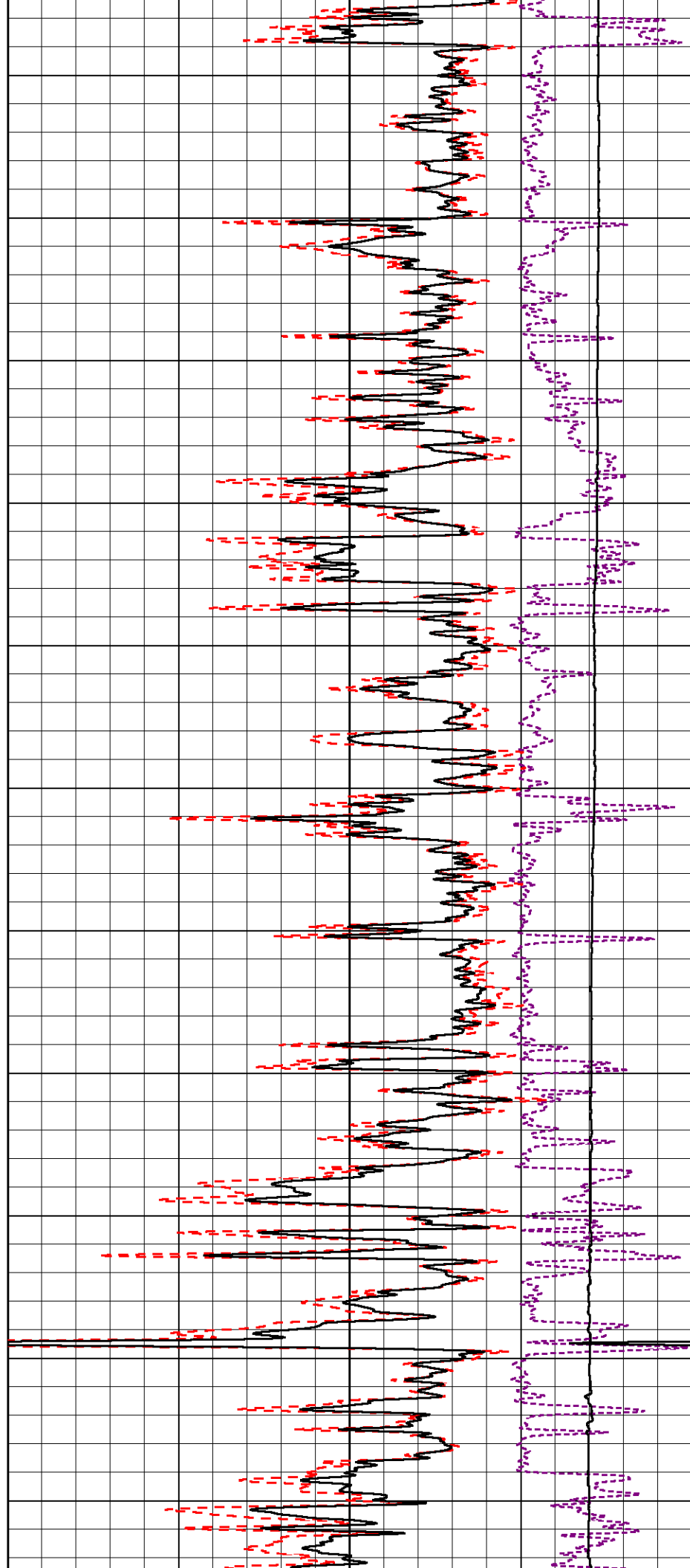
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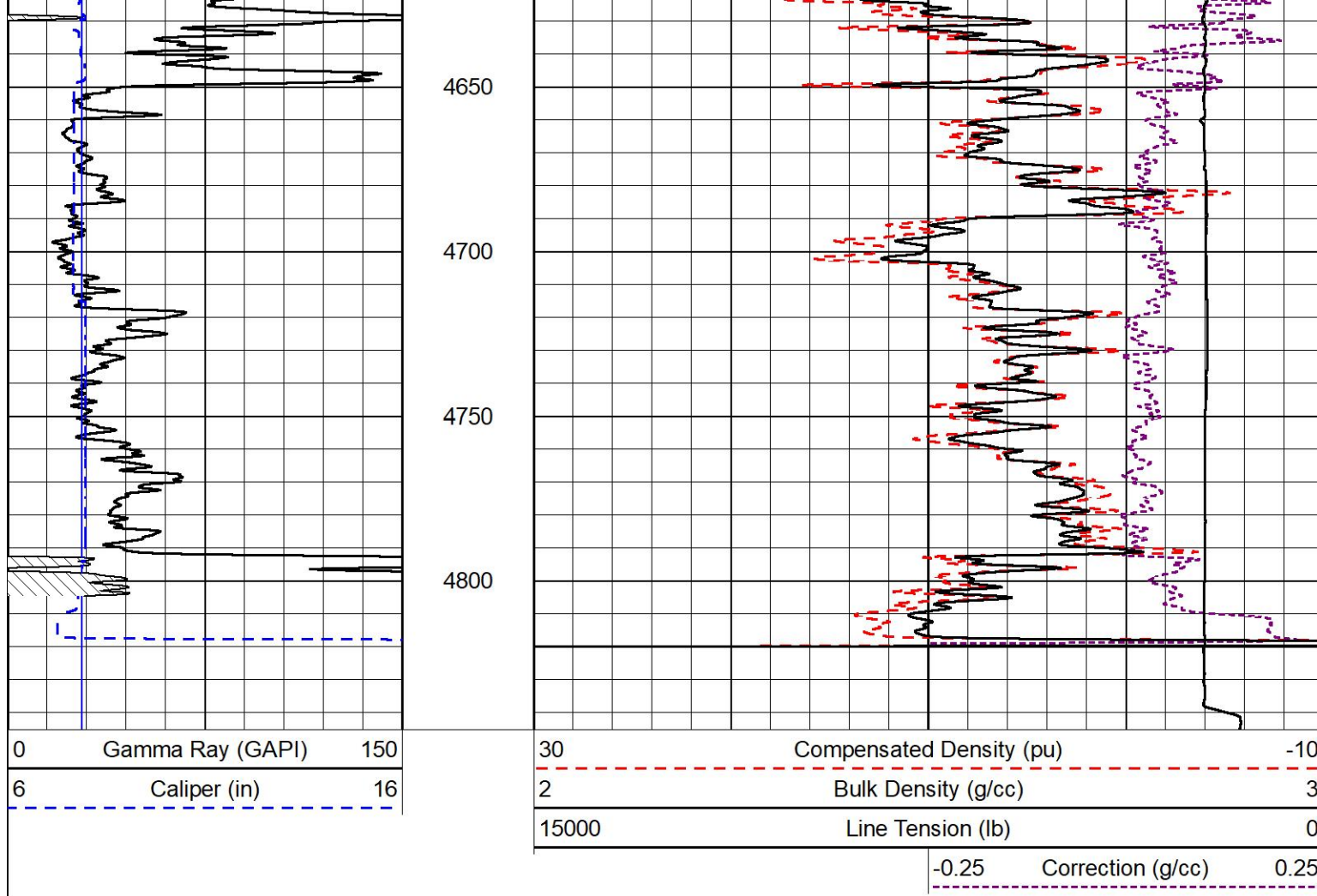
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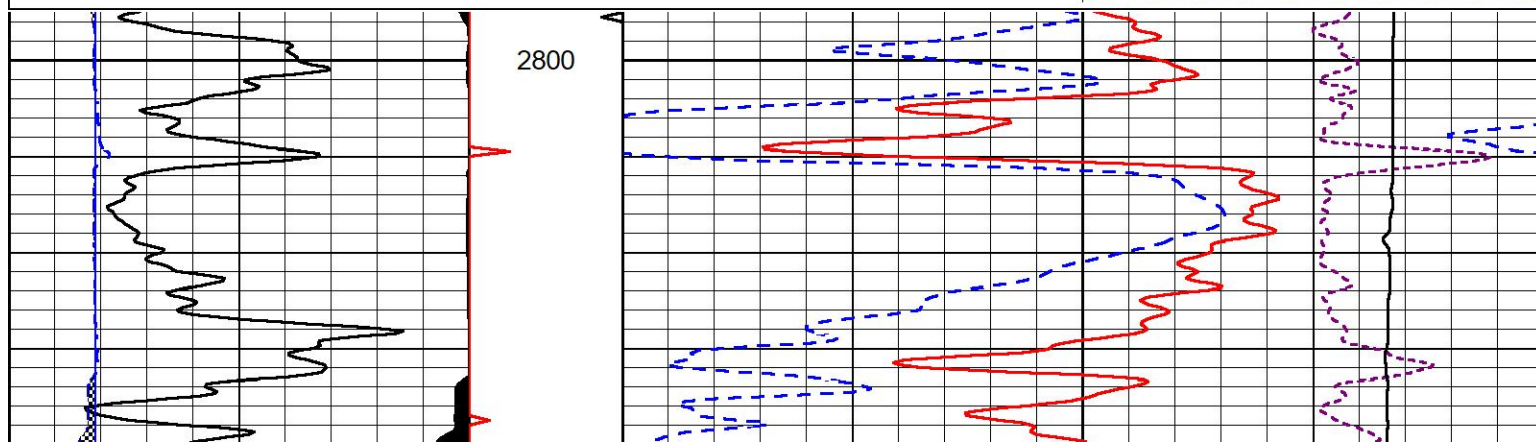
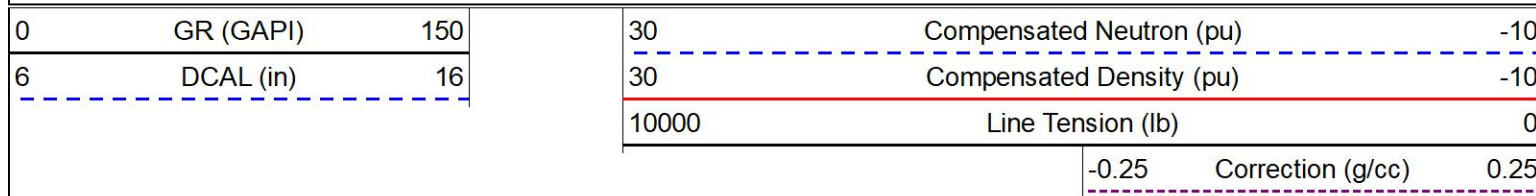


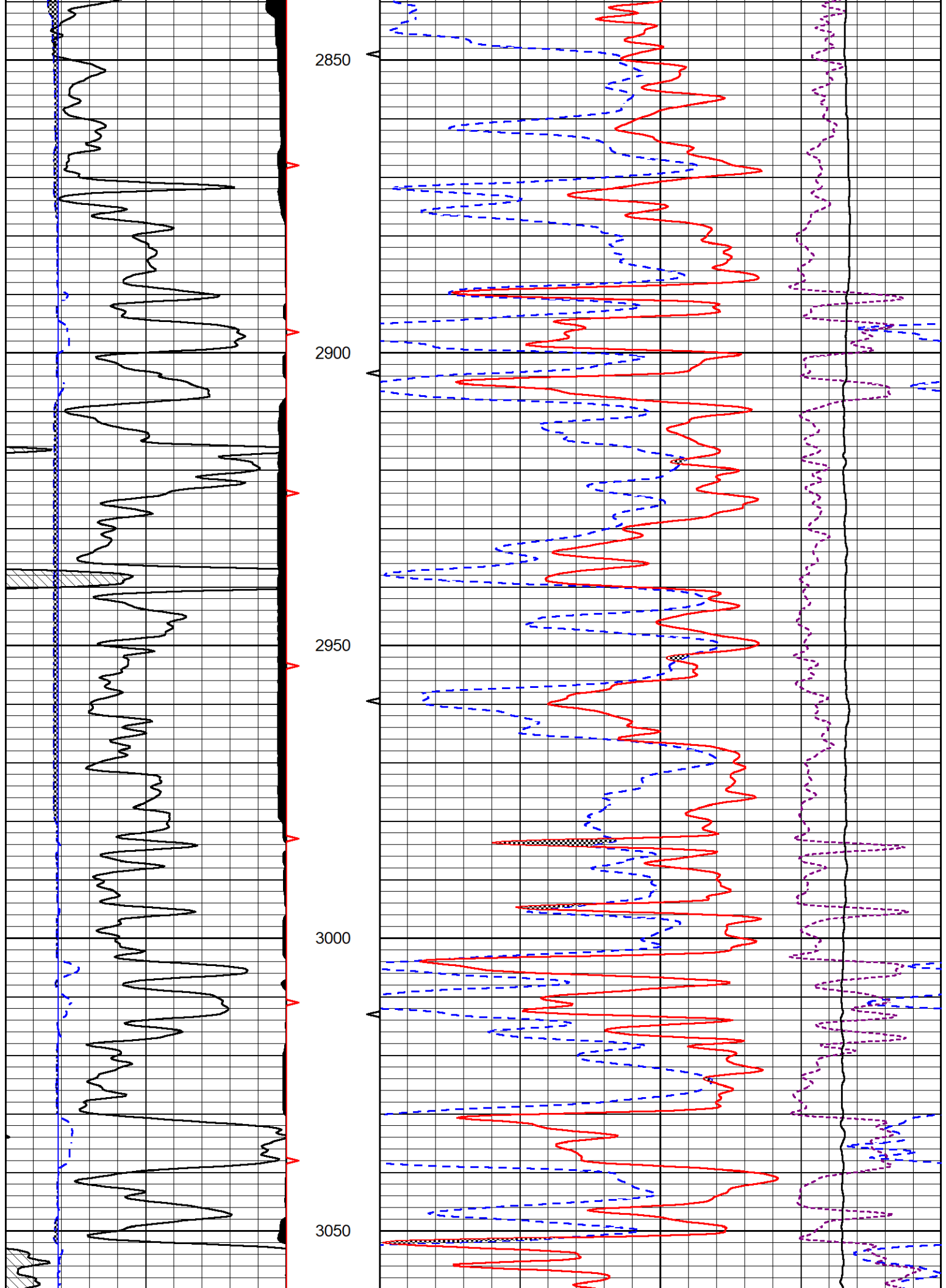


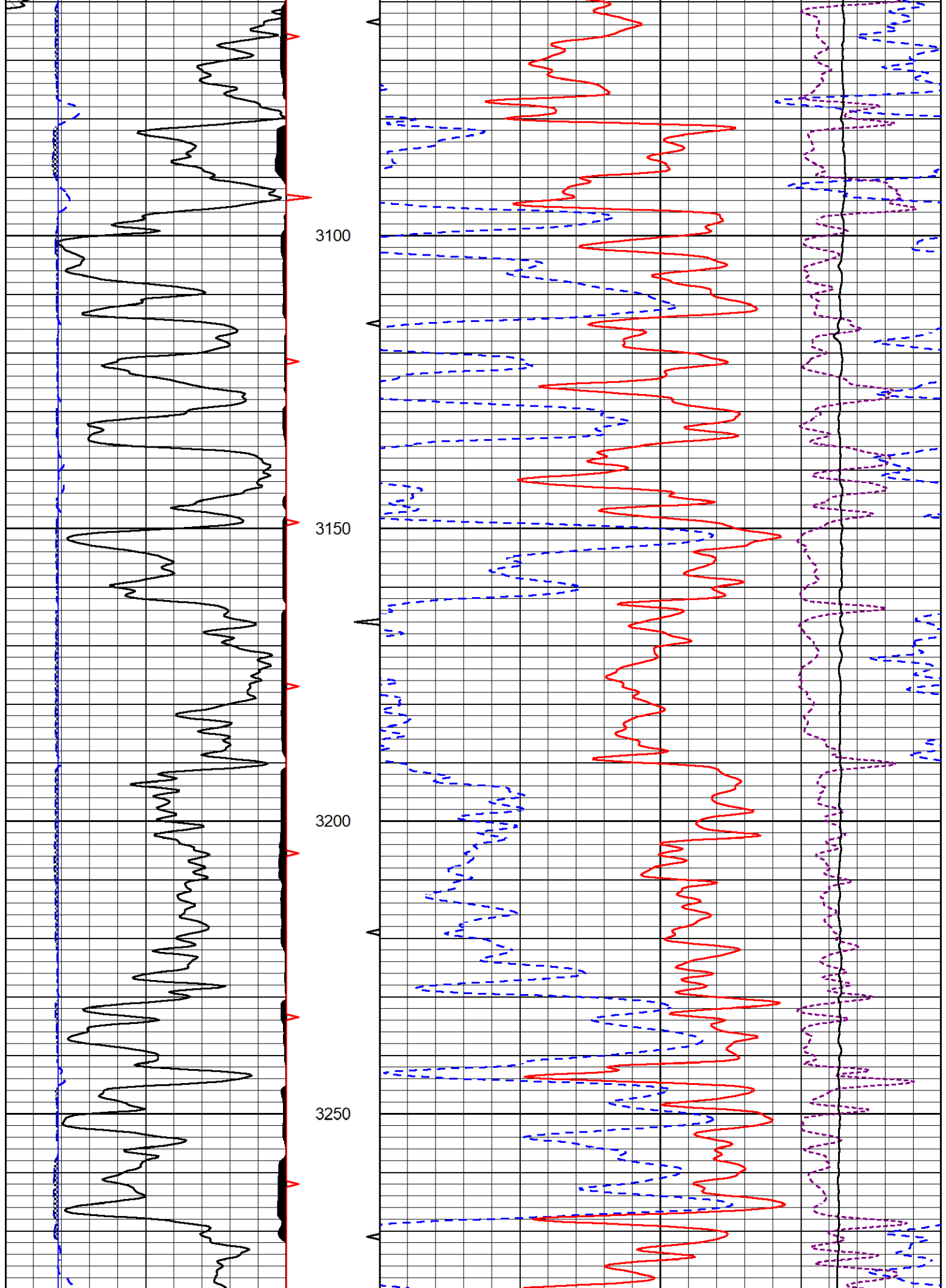
DETAIL SECTION

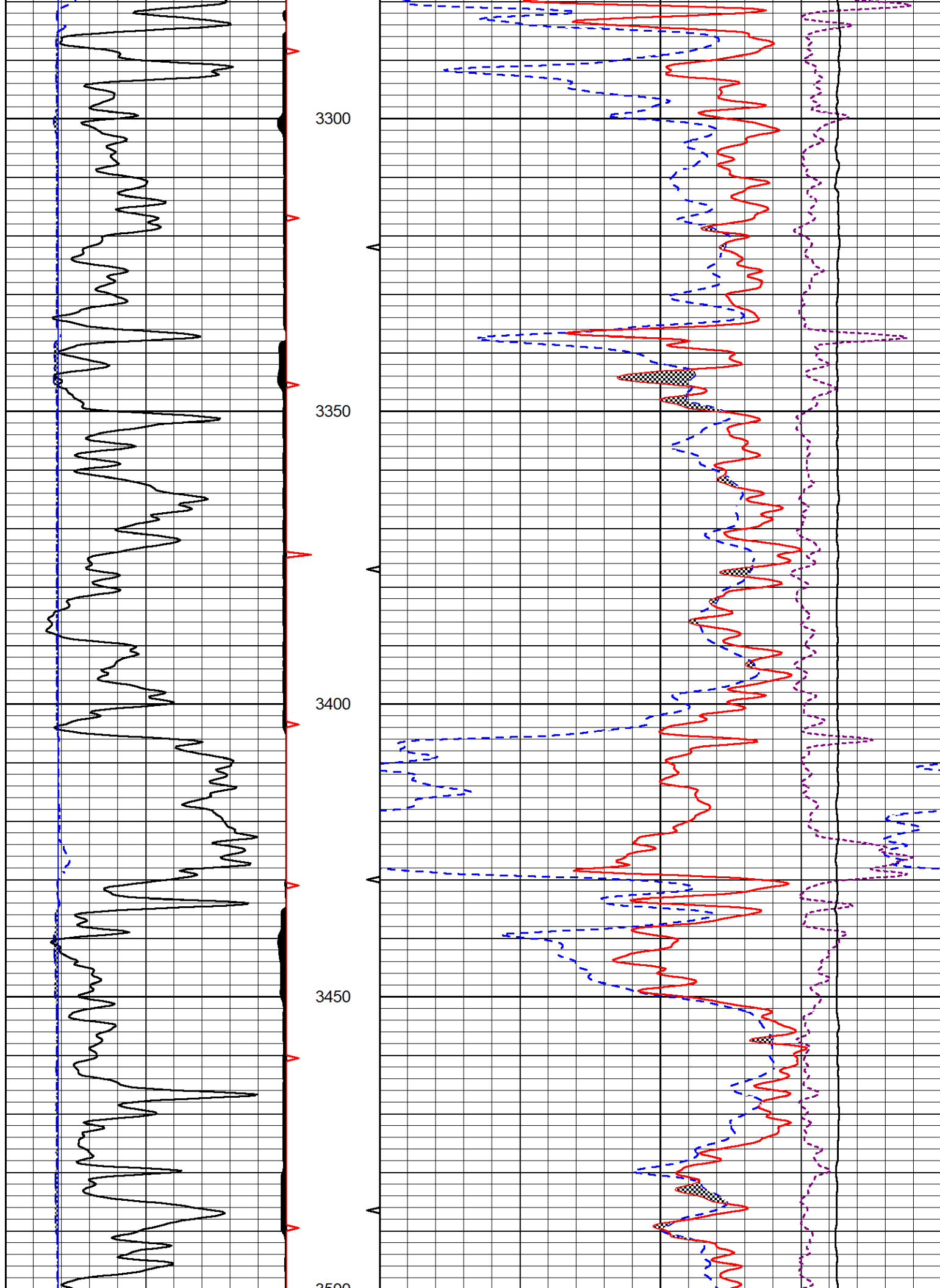
MAIN PASS

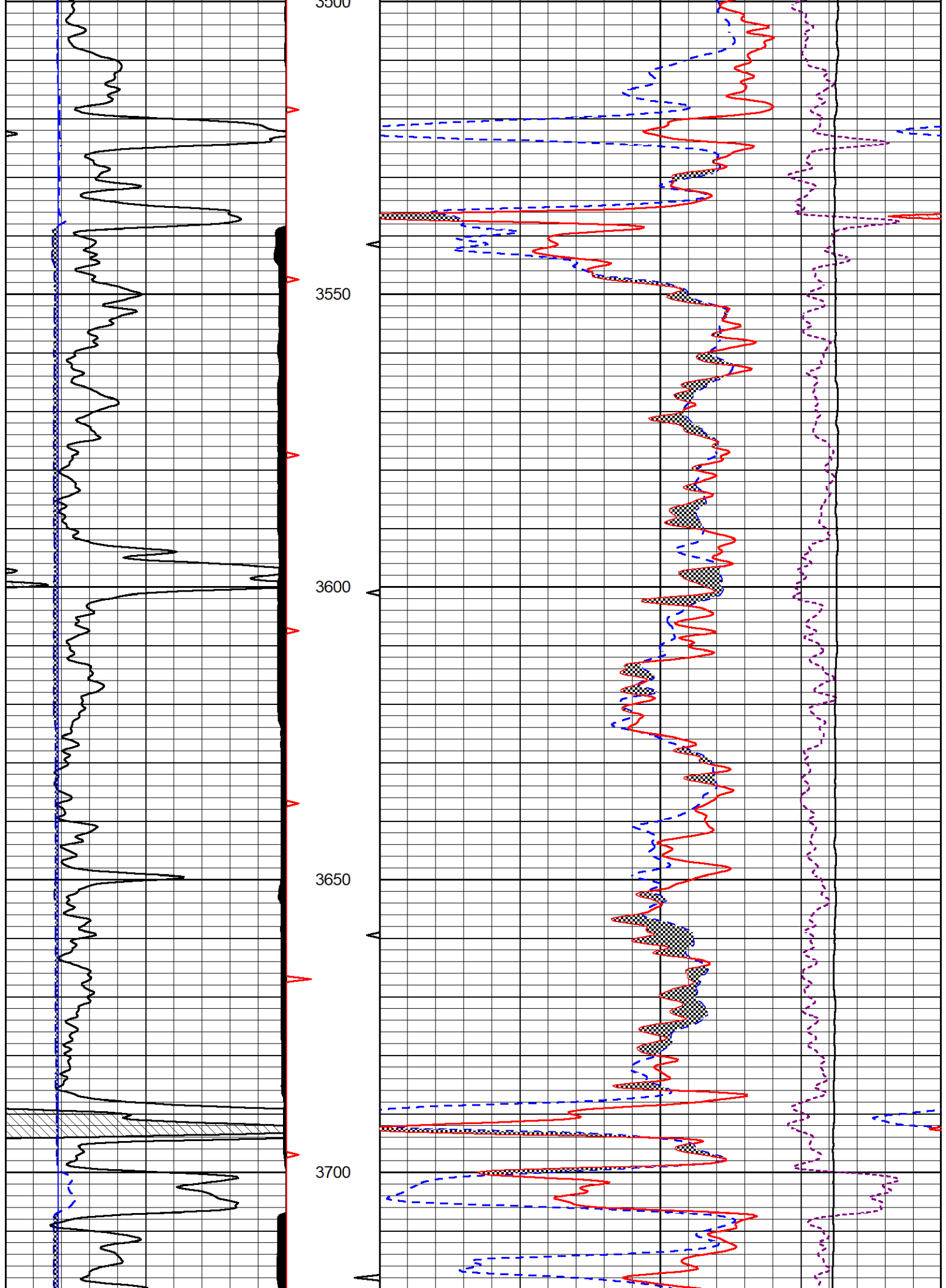
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 Charted by Depth in Feet scaled 1:240

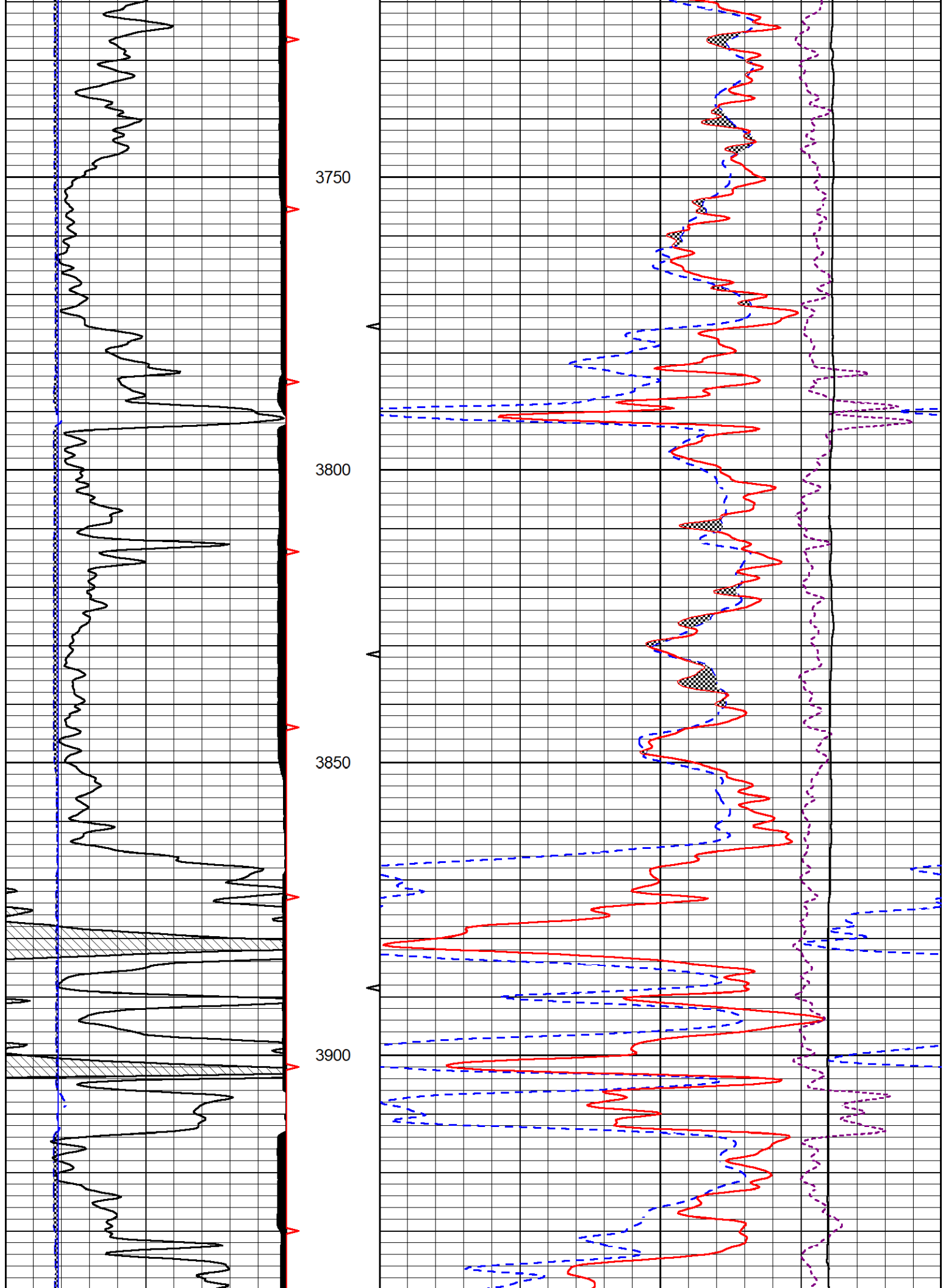


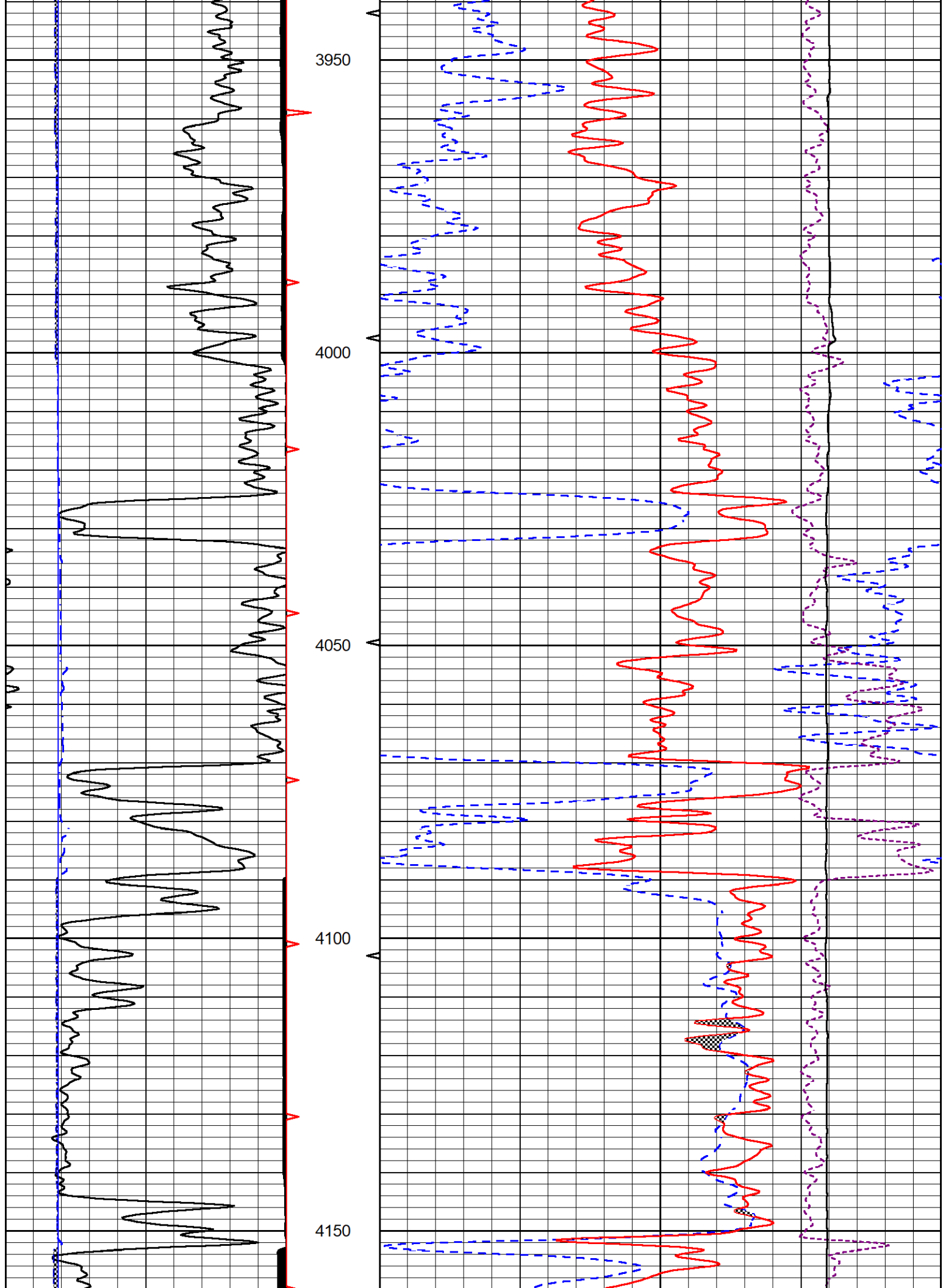


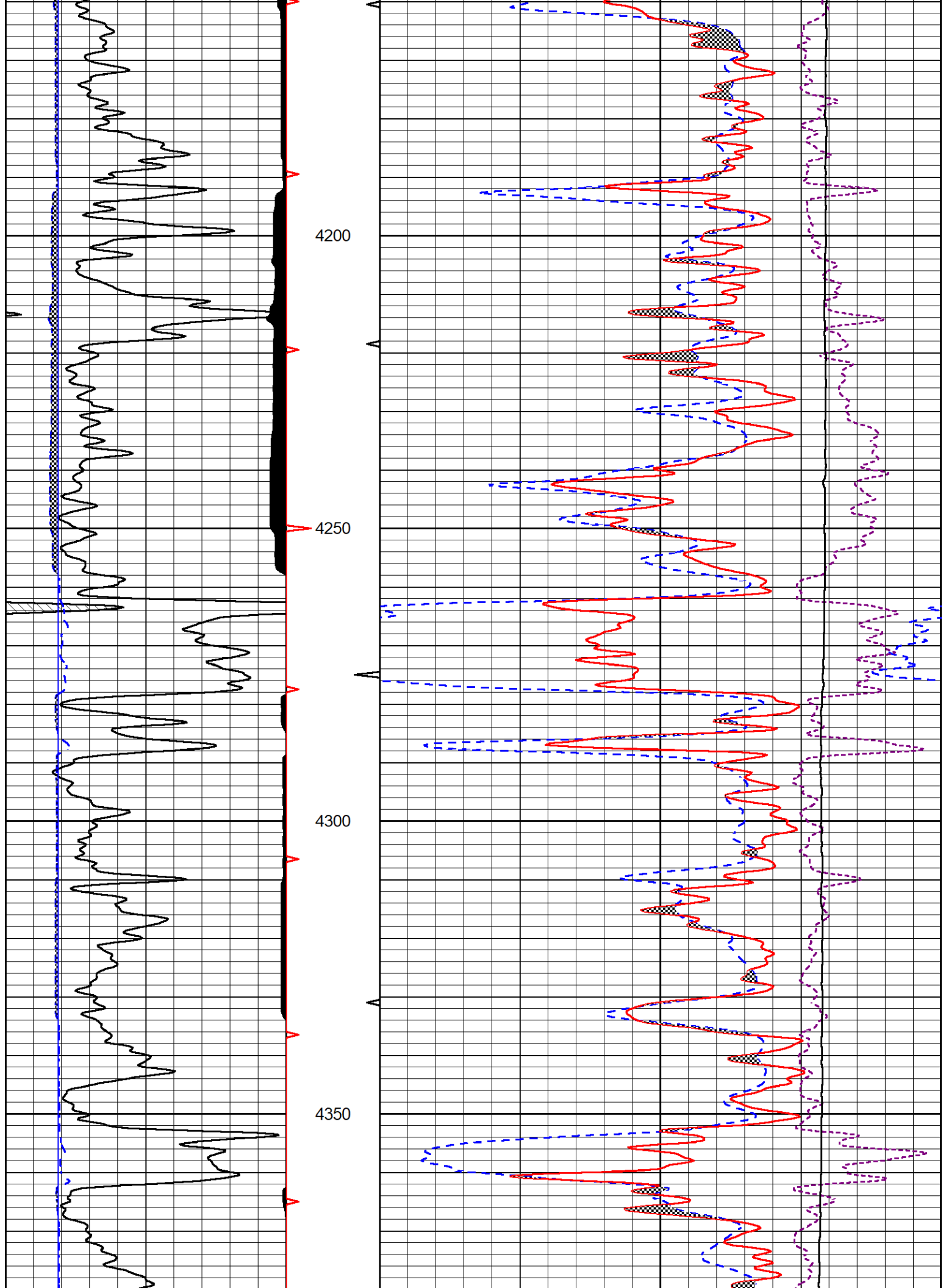


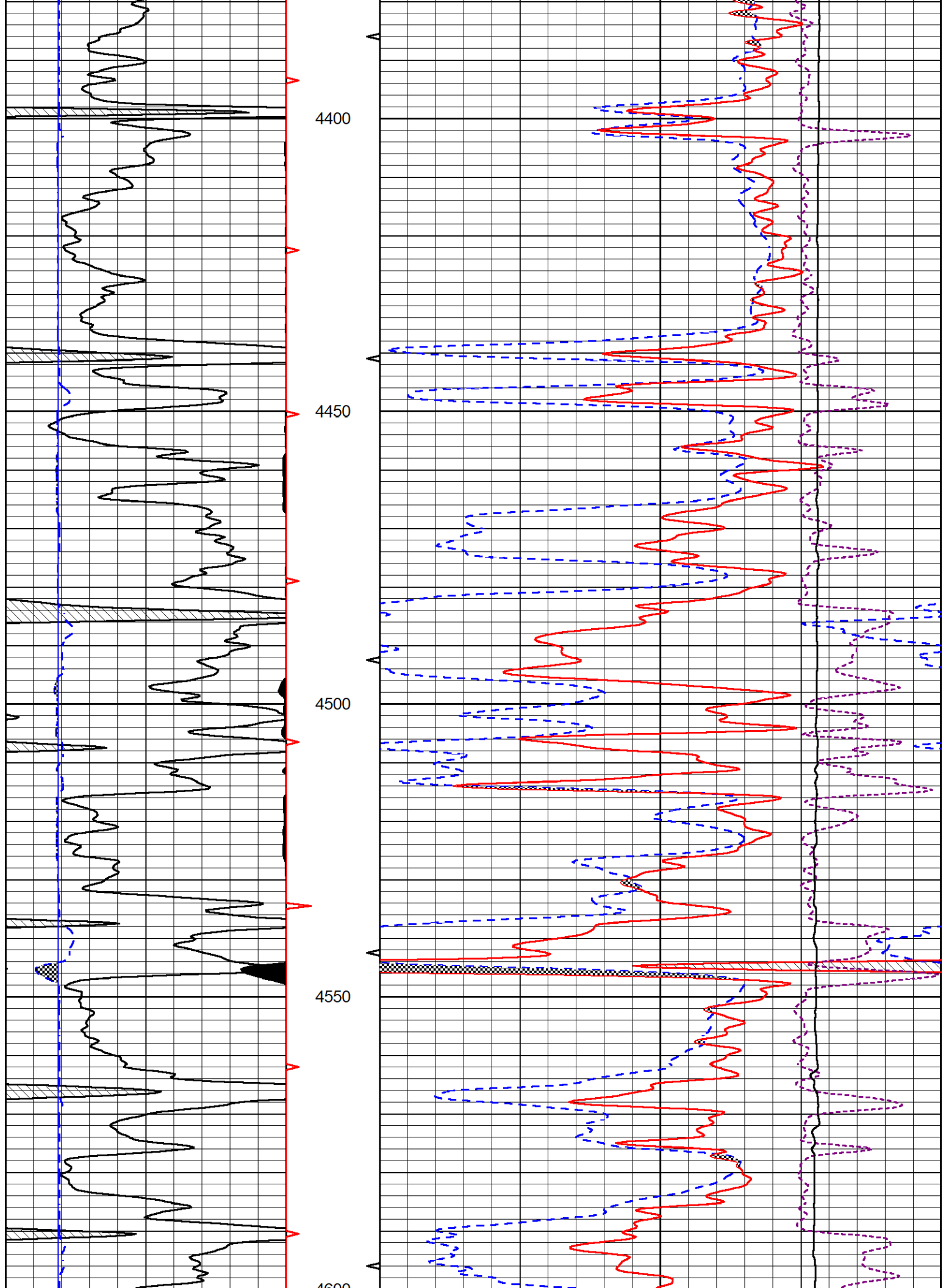


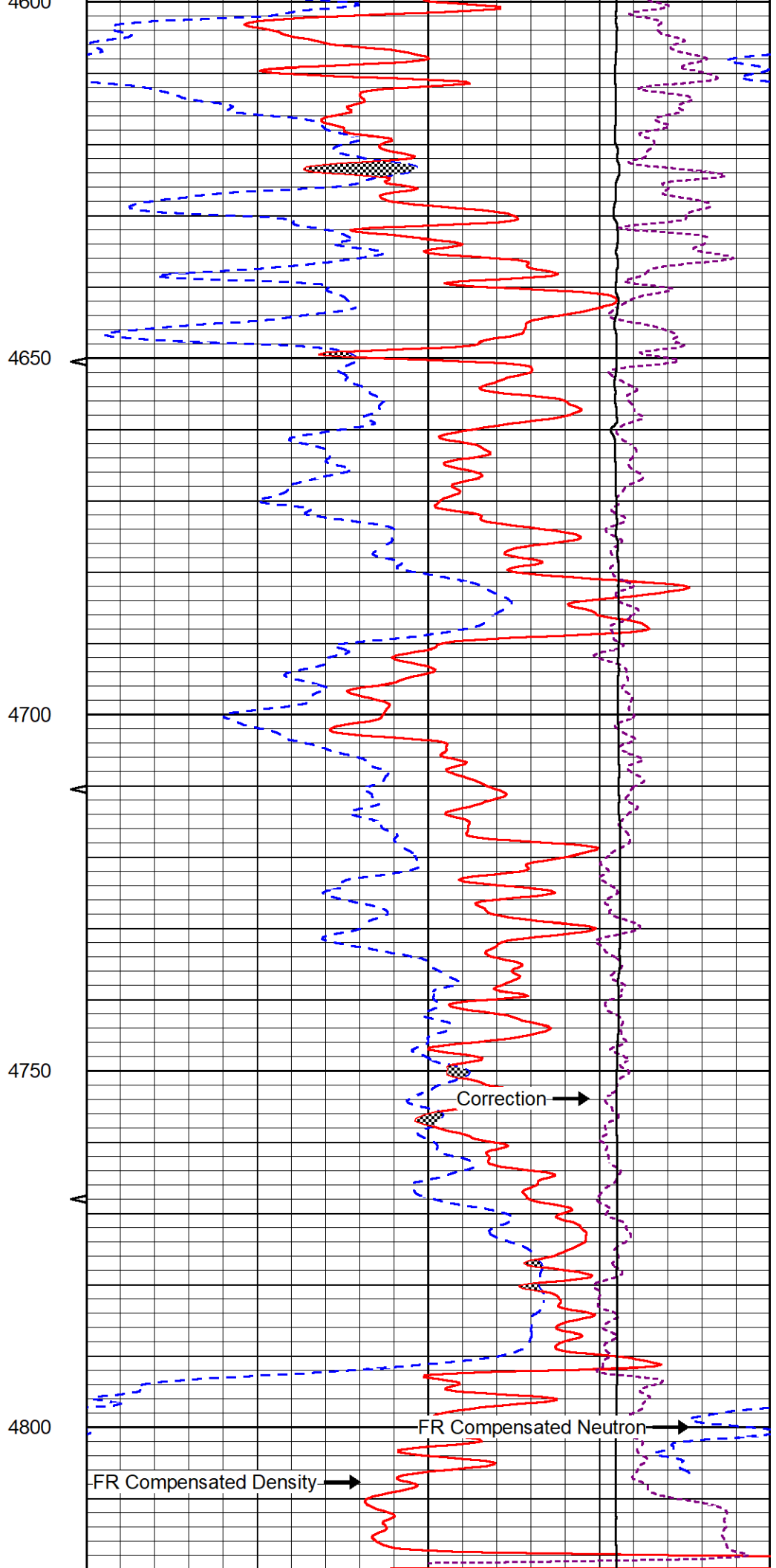
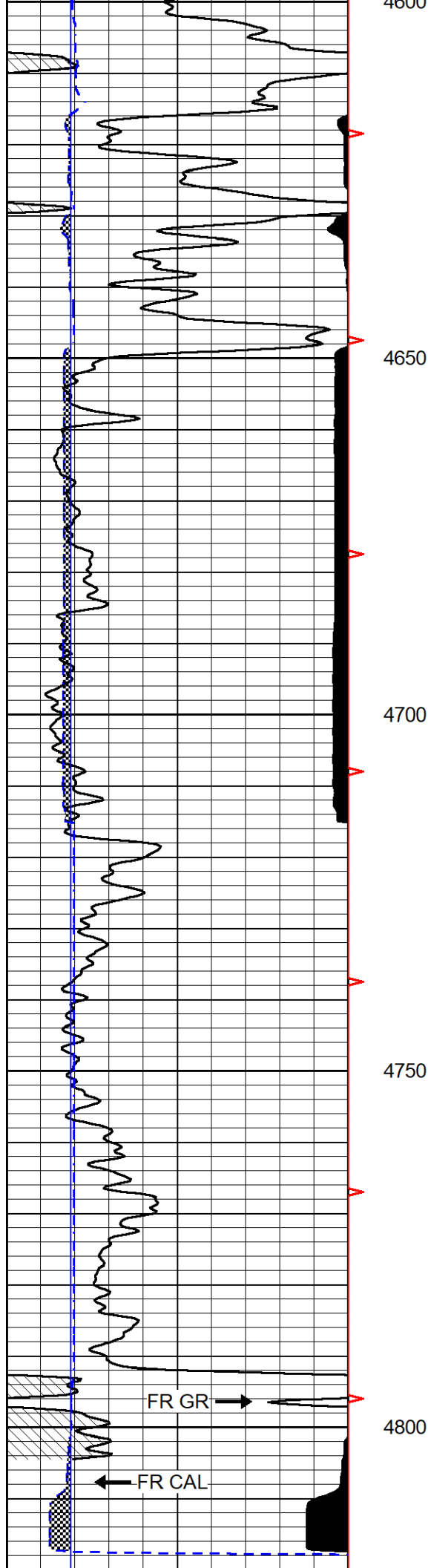


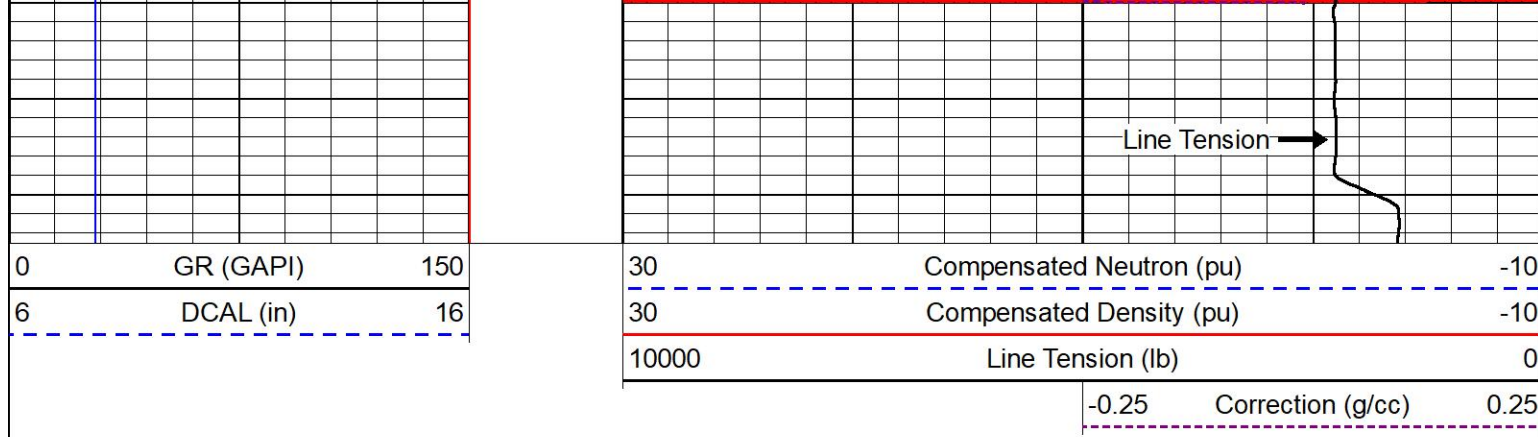








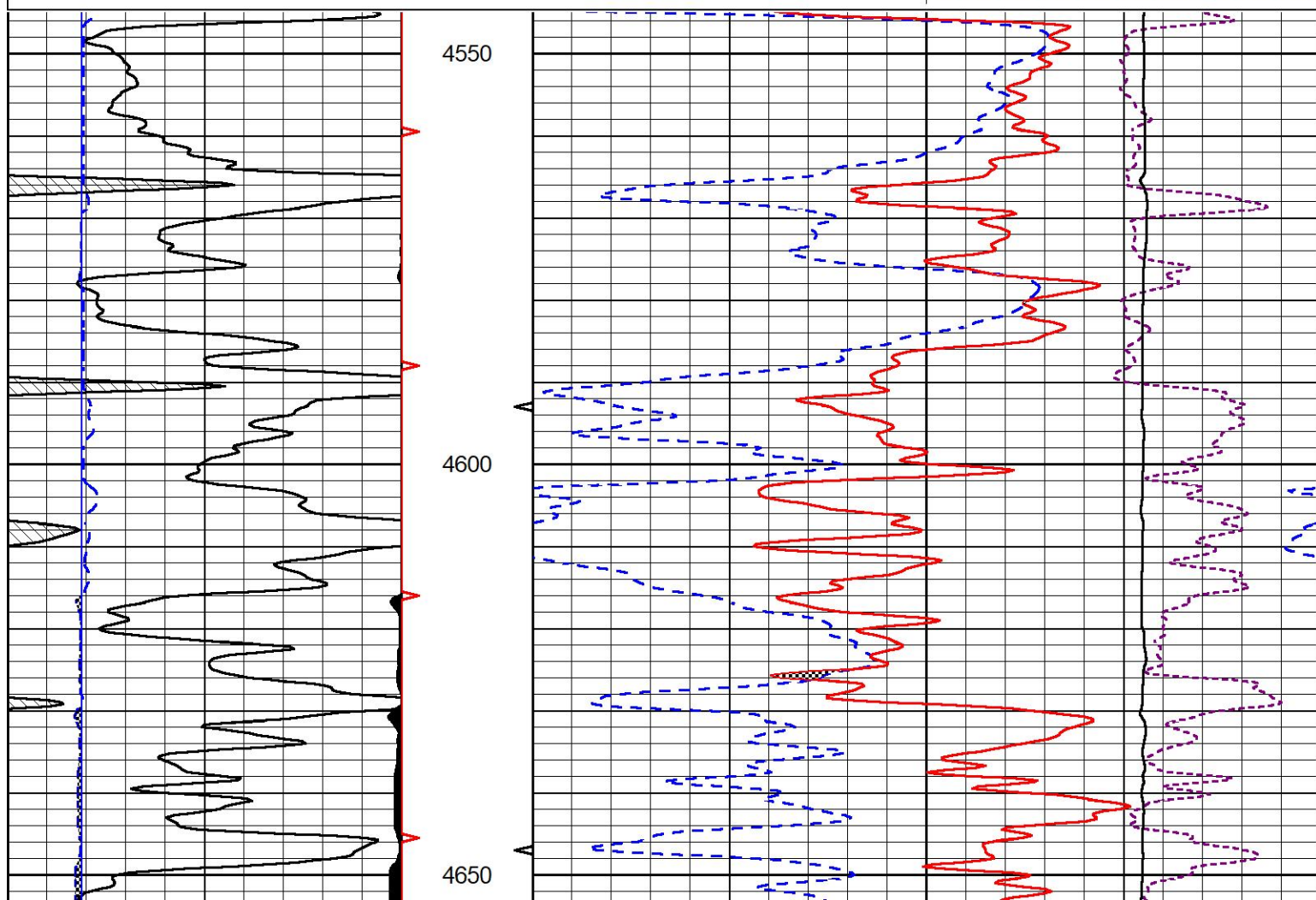
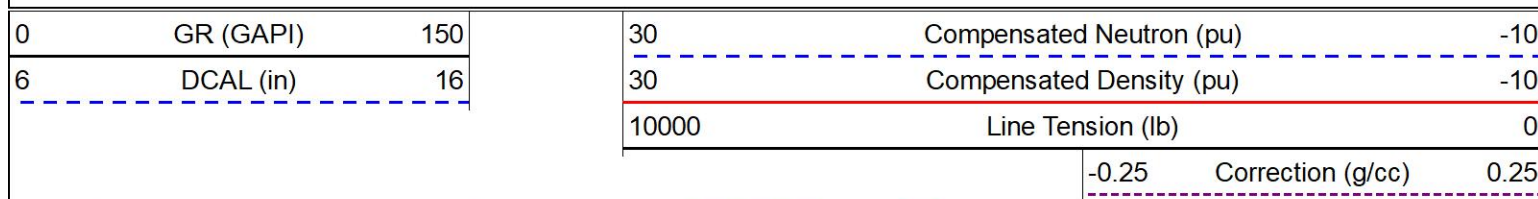


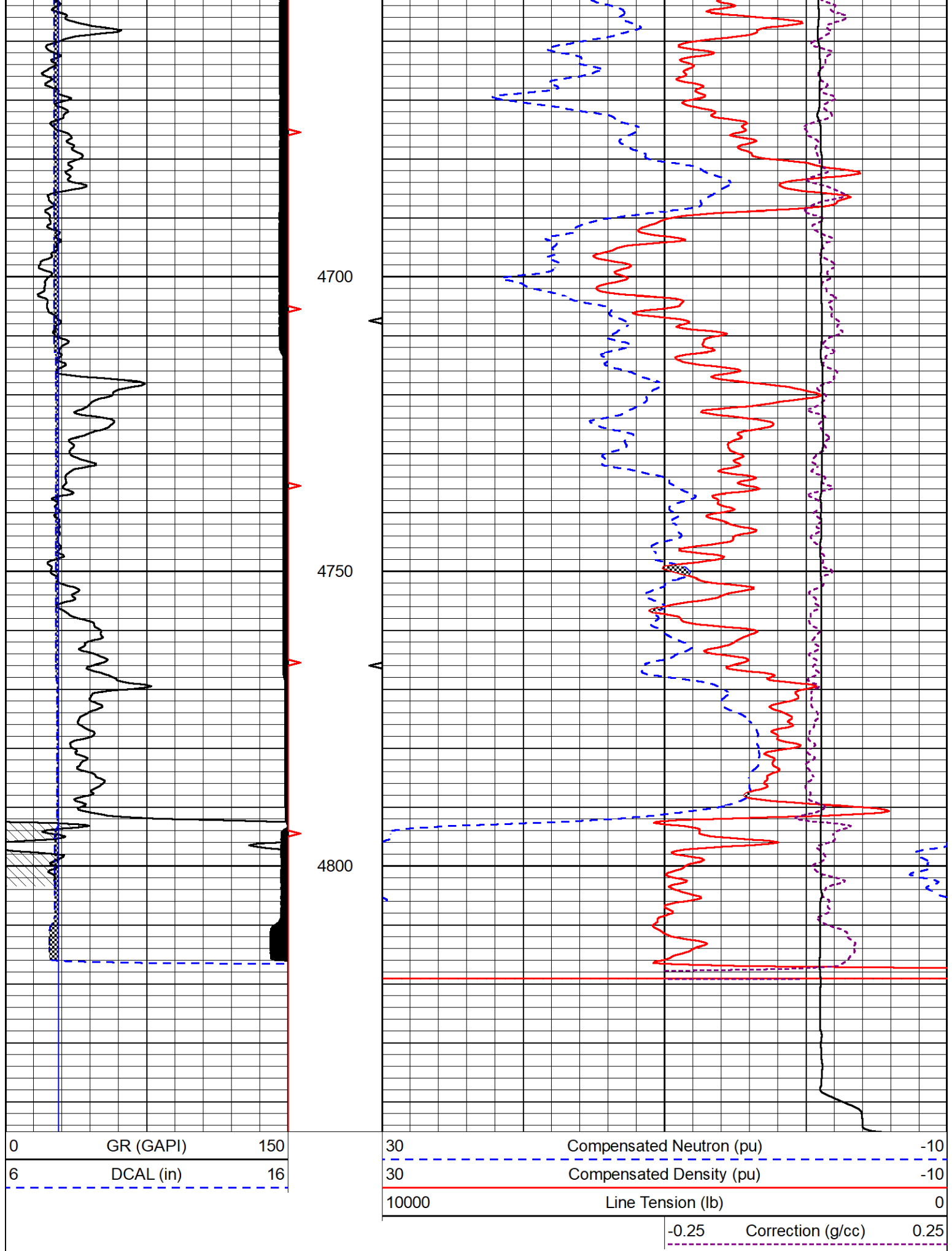


REPEAT SECTION

REPEAT PASS

Database File griffin_whitley 2.db
 Dataset Pathname stkml/pass2.1
 Presentation Format _CNDLS~1
 Dataset Creation Mon May 16 05:31:21 2022
 Charted by Depth in Feet scaled 1:240





Calibration Report

Database File griffin_whitley 2.db
 Dataset Pathname stkml/pass4.10
 Dataset Creation Mon May 16 05:26:41 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: 402-PSI STKBL ML
 Performed: Sat Mar 19 19:10:40 2022

	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0037	0.0043	0.0000	10.0000	Ohm-m	18000.0000	-1.0000
Inverse	0.1208	0.0013	0.0000	10.0000	Ohm-m	15500.0000	0.0000
Caliper	1.0020	1.0834	5.5000	16.5000	in	135.1520	-131.2000

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	1.04	

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	Whitley #2
Field	Moffett West
County	Barber
State	Kansas