



MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company Griffin Management LLC

Well Whitley #1

Field Moffett West

County Barber State Kansas

Location: API #: 15-007-24403-00-00
N/2 NE NE NE
190 FNL & 330 FEL
SEC 8 TWP 30S RGE 15W

Other Services
DIL/MEL

Permanent Datum Ground Level Elevation 1979
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
K.B. 1991
D.F. G.L. 1979

Date	3/2/2022						
Run Number	One						
Type Log	CNL/CDL						
Depth Driller	4840						
Depth Logger	4842						
Bottom Logged Interval	4813						
Top Logged Interval	2800						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	5500						
Density	9.3						
Level	Full						
Max. Rec. Temp. F	124						
Operating Rig Time	2.5 Hours						
Equipment -- Location	P-108 HAYS						
Recorded By	T. Martin						
Witnessed By	Eli Felts						
Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	251	8.625	23	00	251
Two	7.875	251	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.

Havilland, E to Croft blktp, S to 110,
1.5 S, 1 E, S & W into

Log Measured From: Kelly Bushing 12 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew

Engineer: T. Martin
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Eli Felts
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\griffin_whitley #1.db
Dataset field/well/StkMI/pass3.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	124	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	490	50		4842



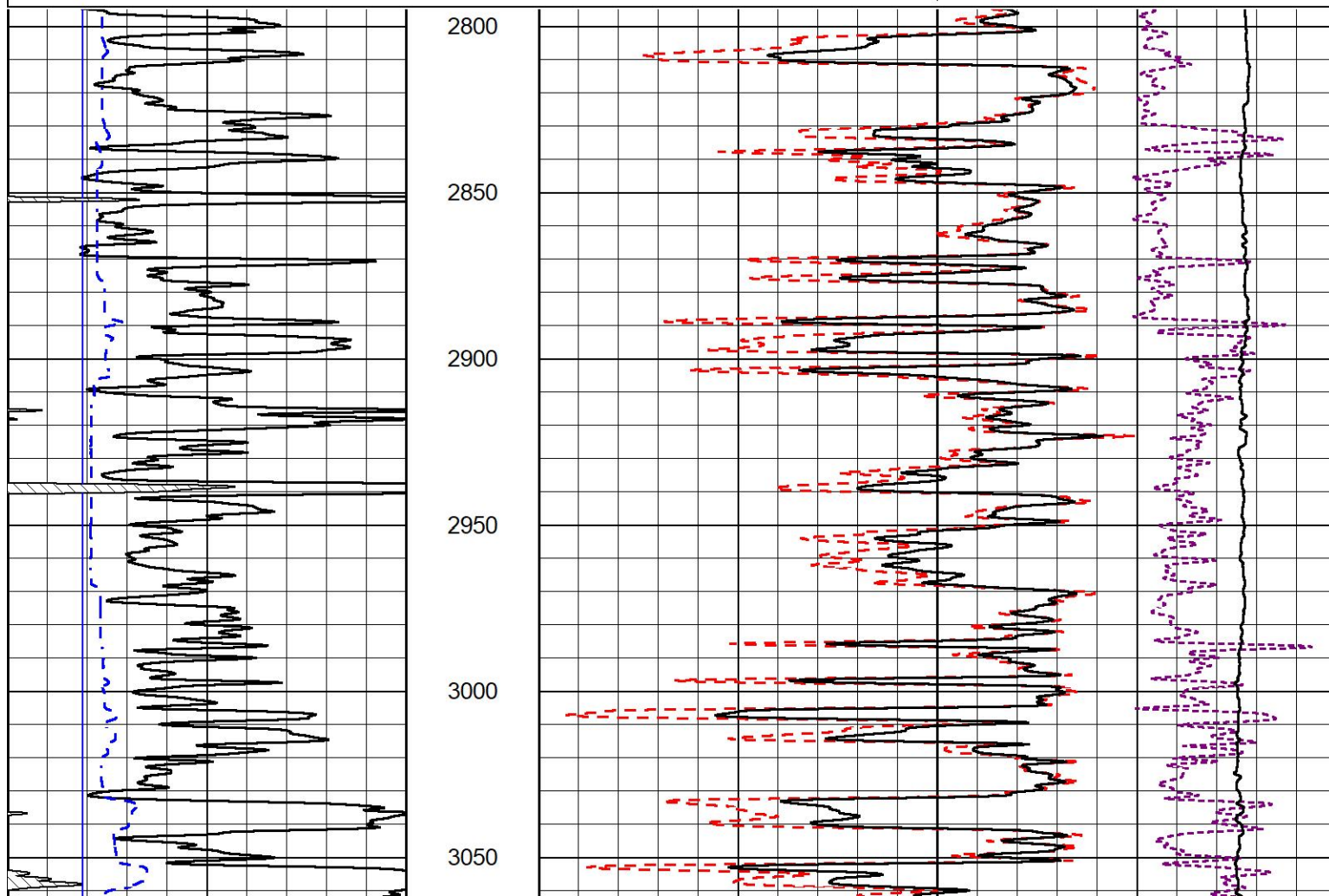
2" SCALE BULK DENSITY

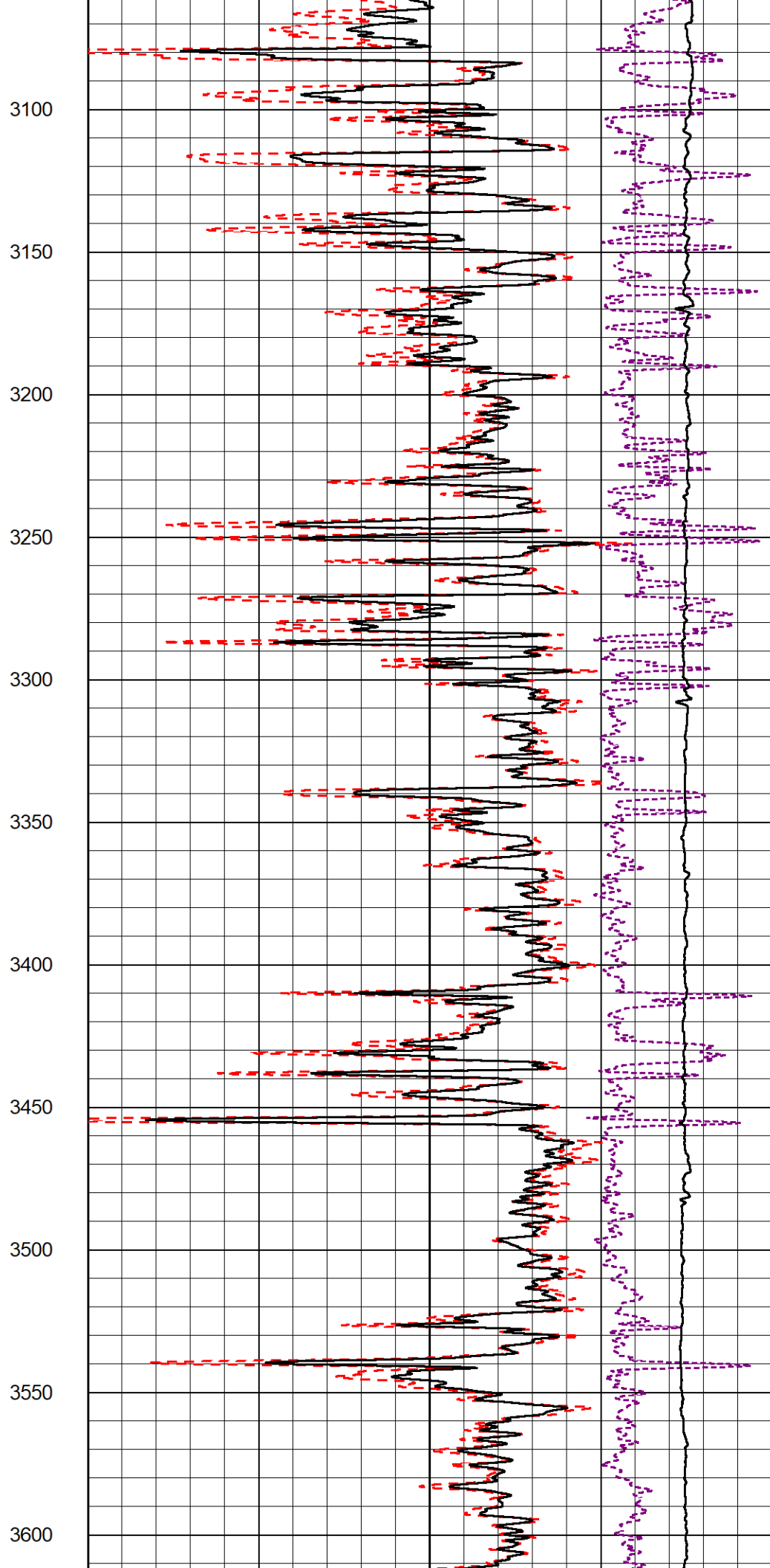
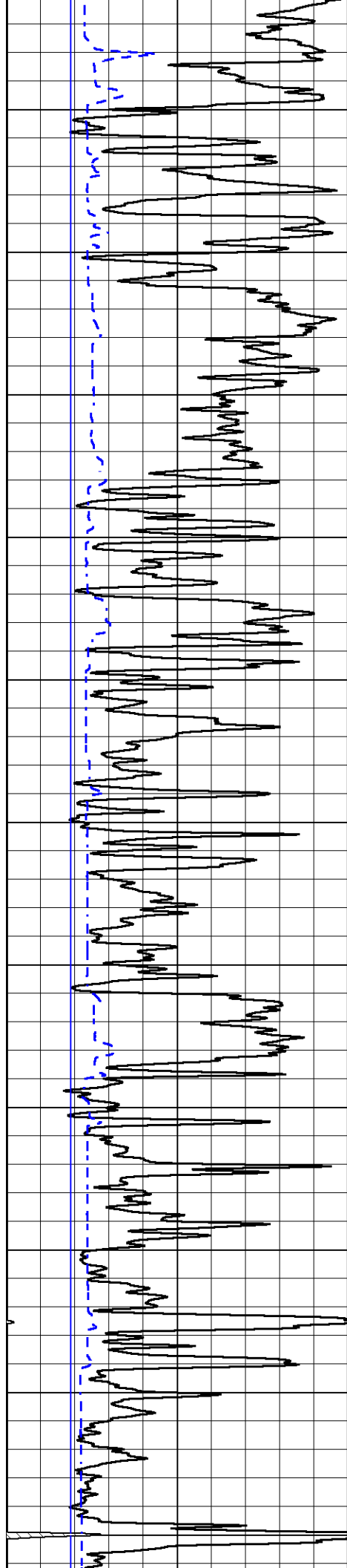
MAIN PASS

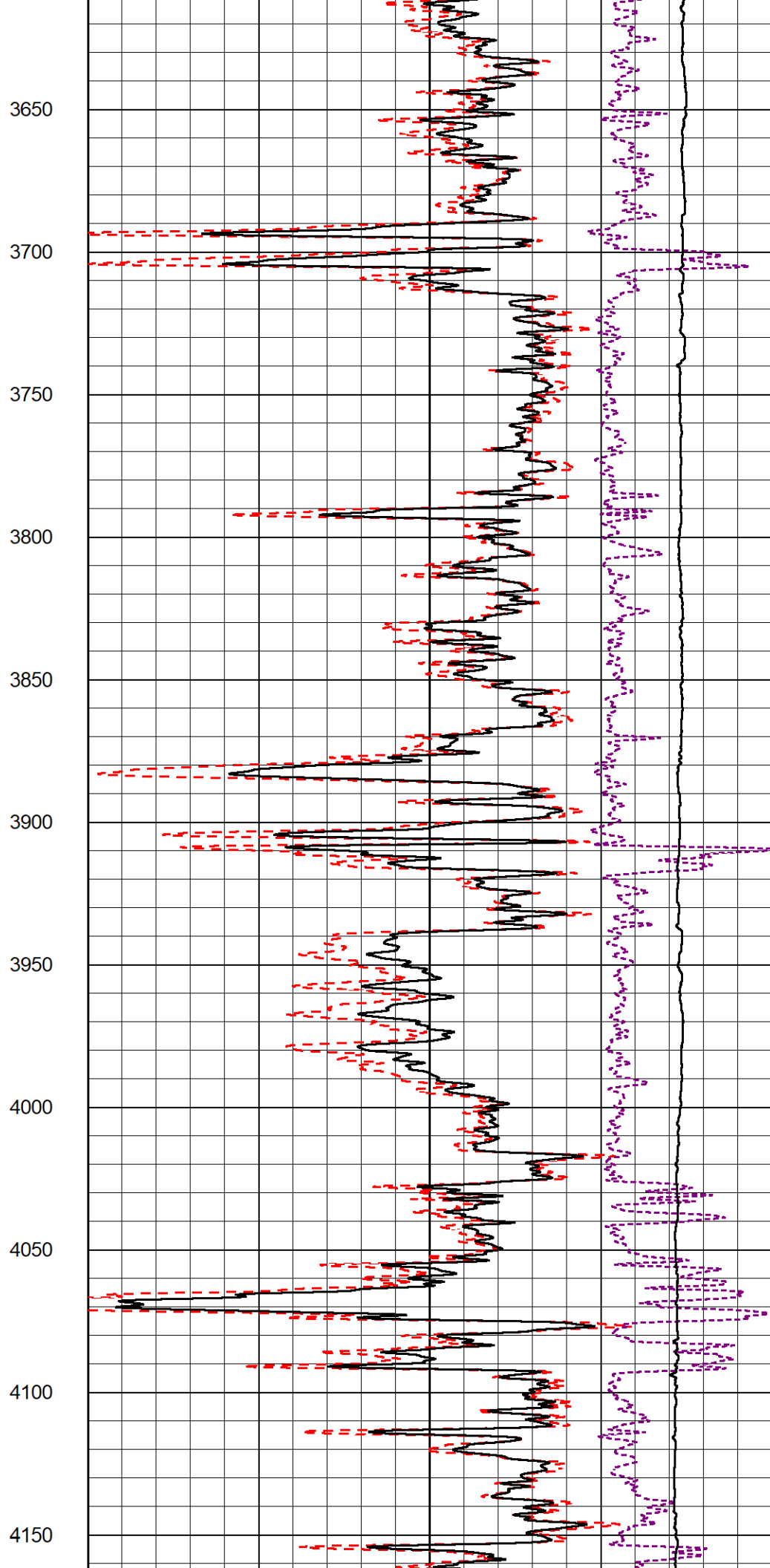
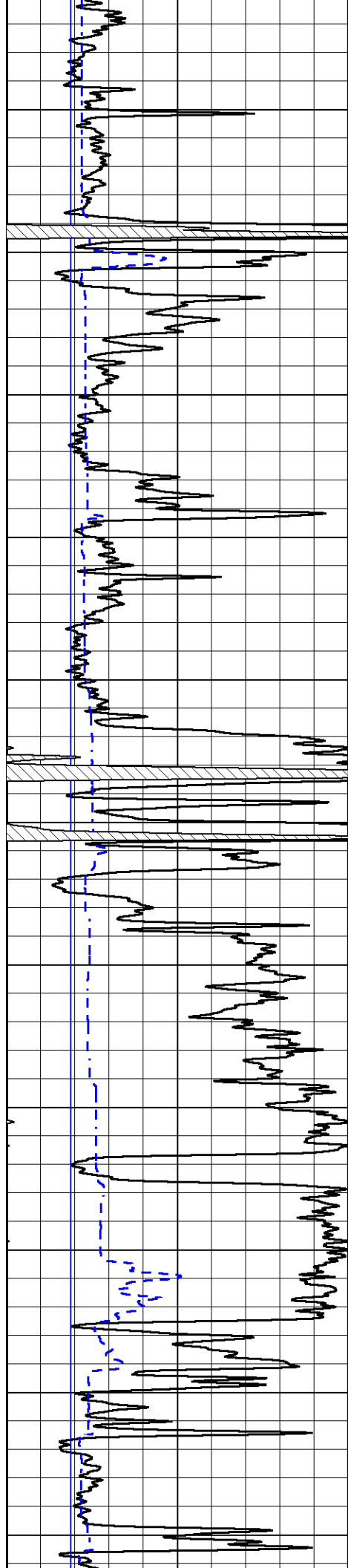
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Presentation Format _cdl
Dataset Creation Wed Mar 02 09:15:29 2022
Charted by Depth in Feet scaled 1:600

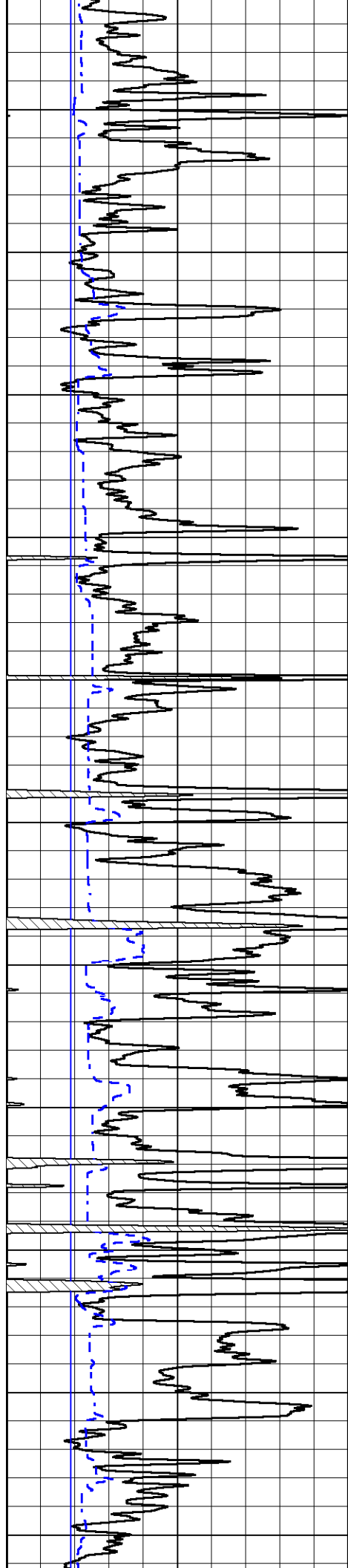
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

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









4200

4250

4300

4350

4400

4450

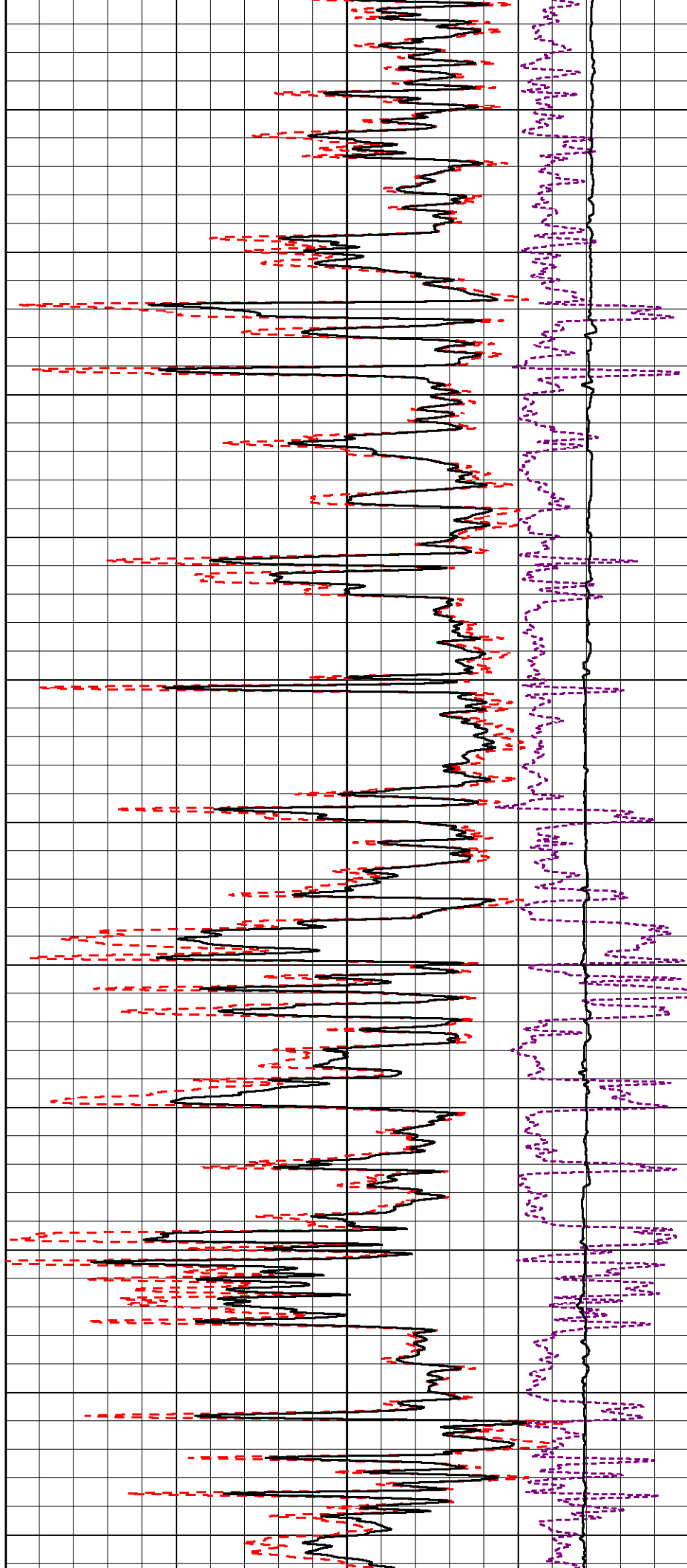
4500

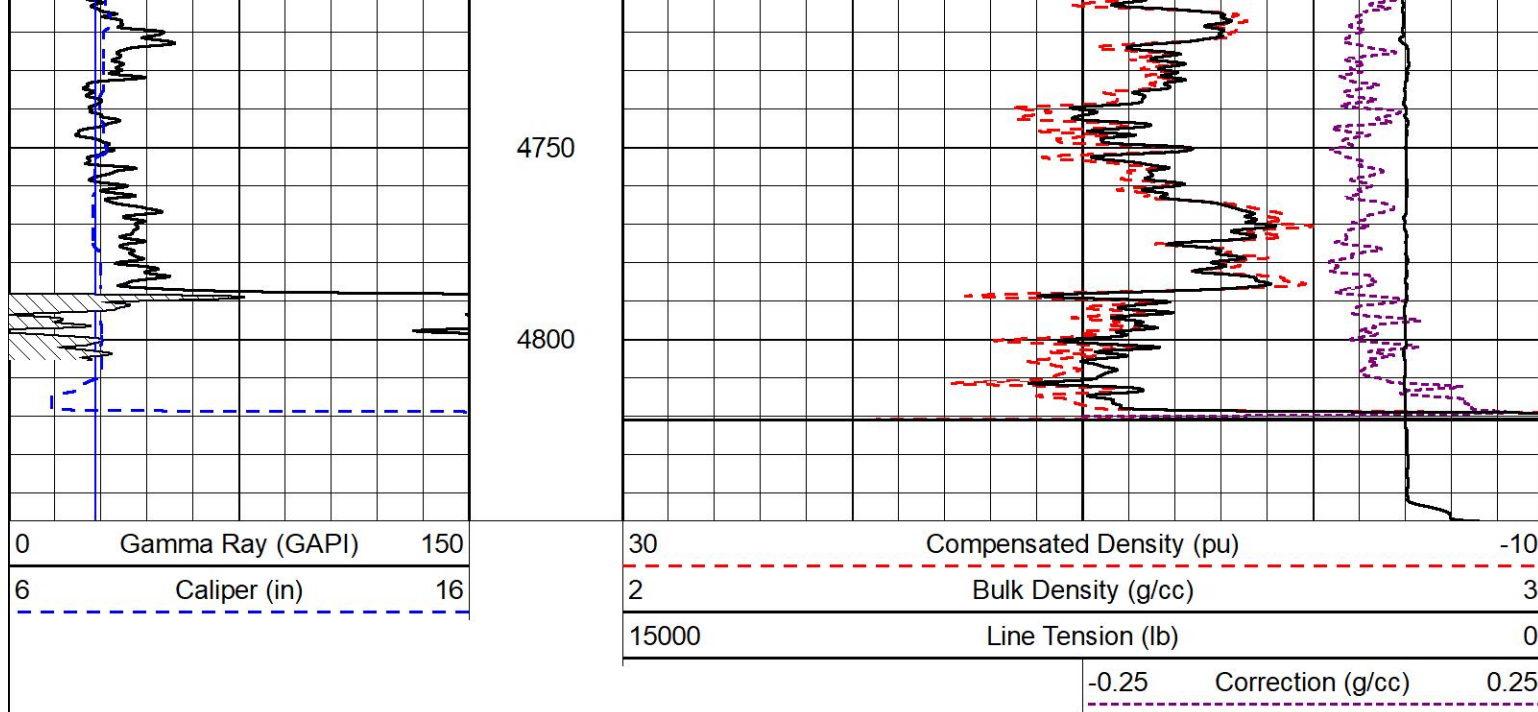
4550

4600

4650

4700



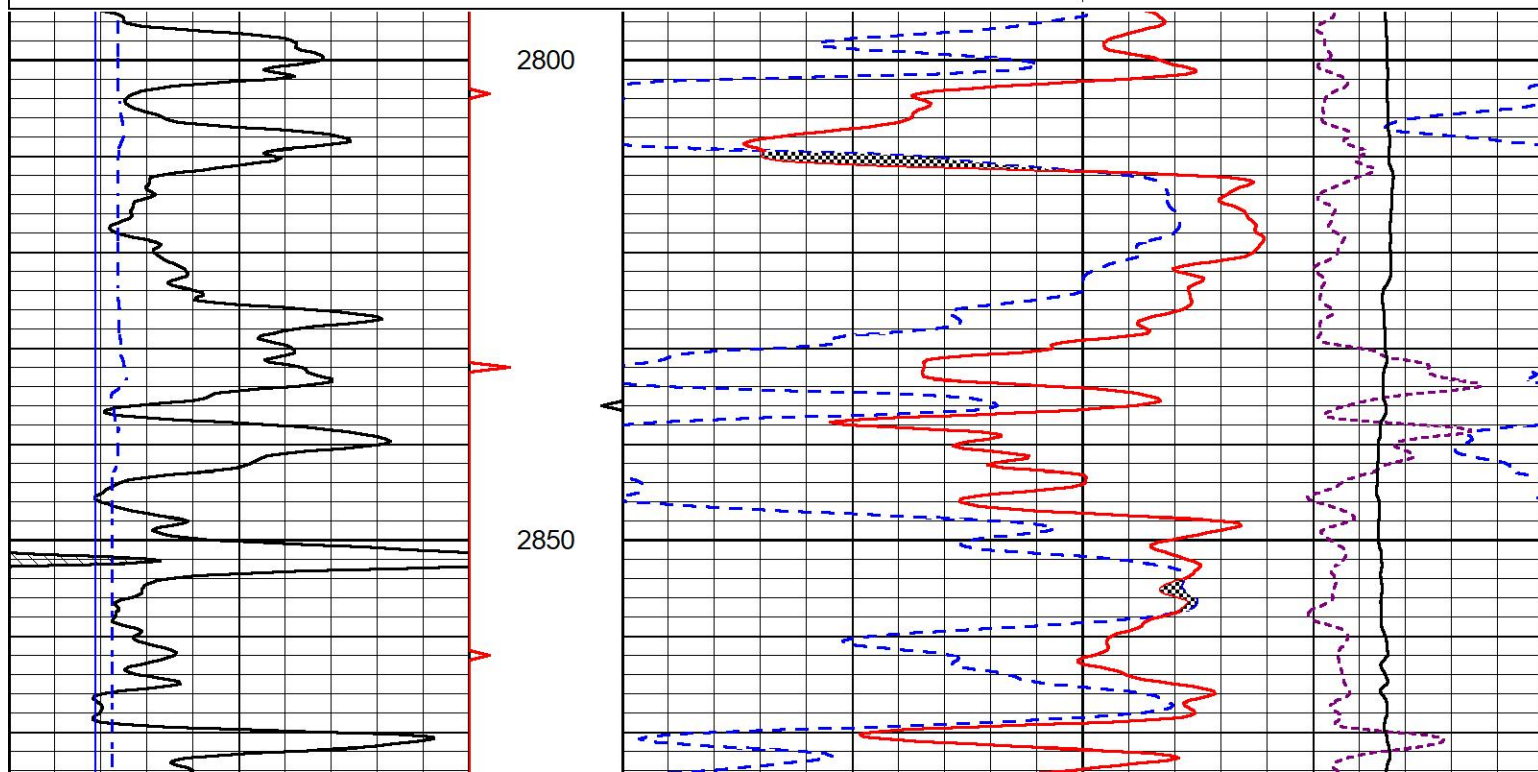
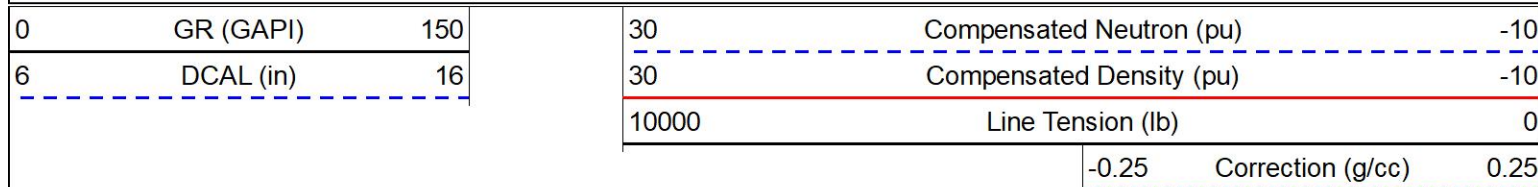


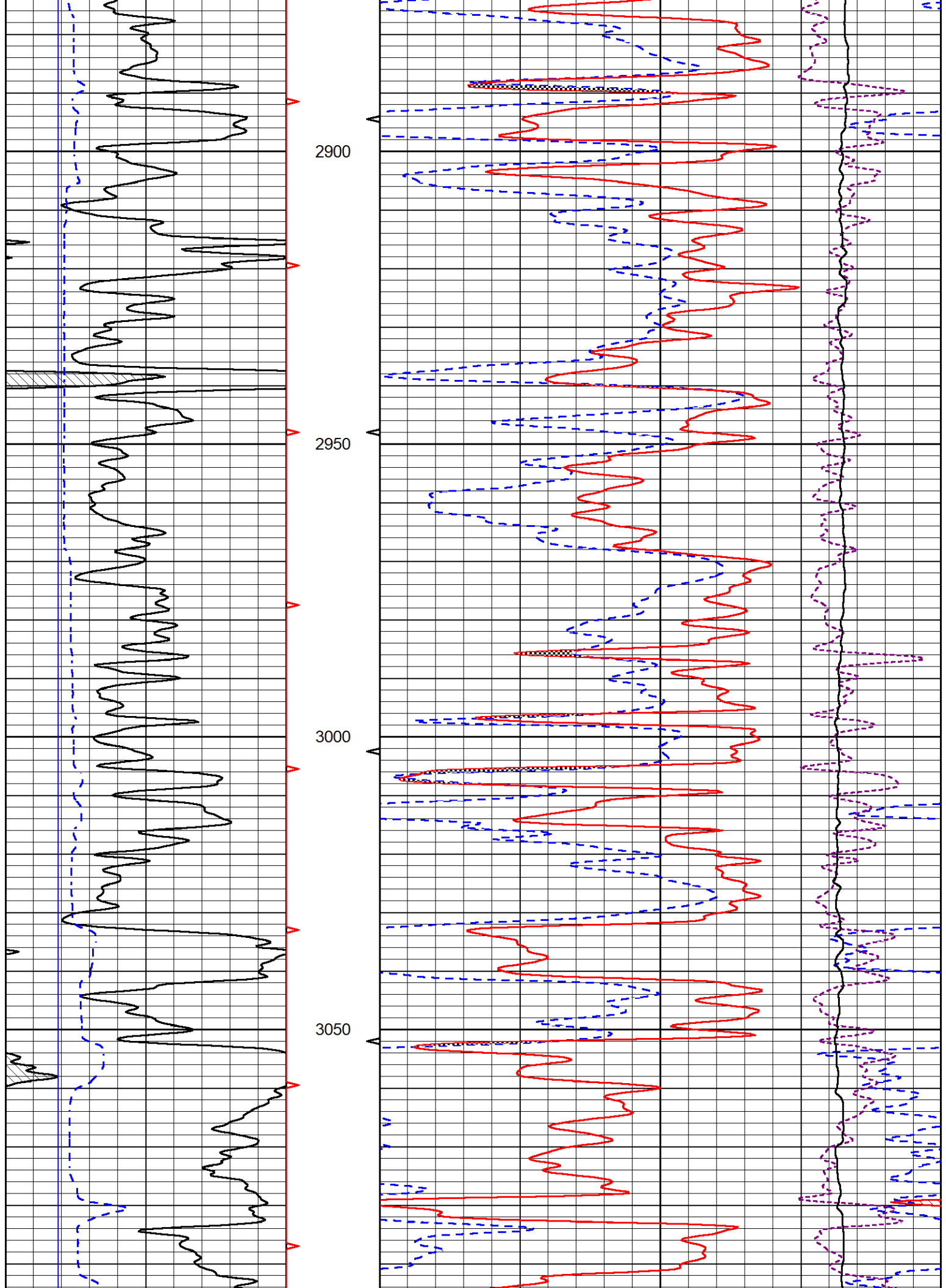
MIDWEST WIRELINE

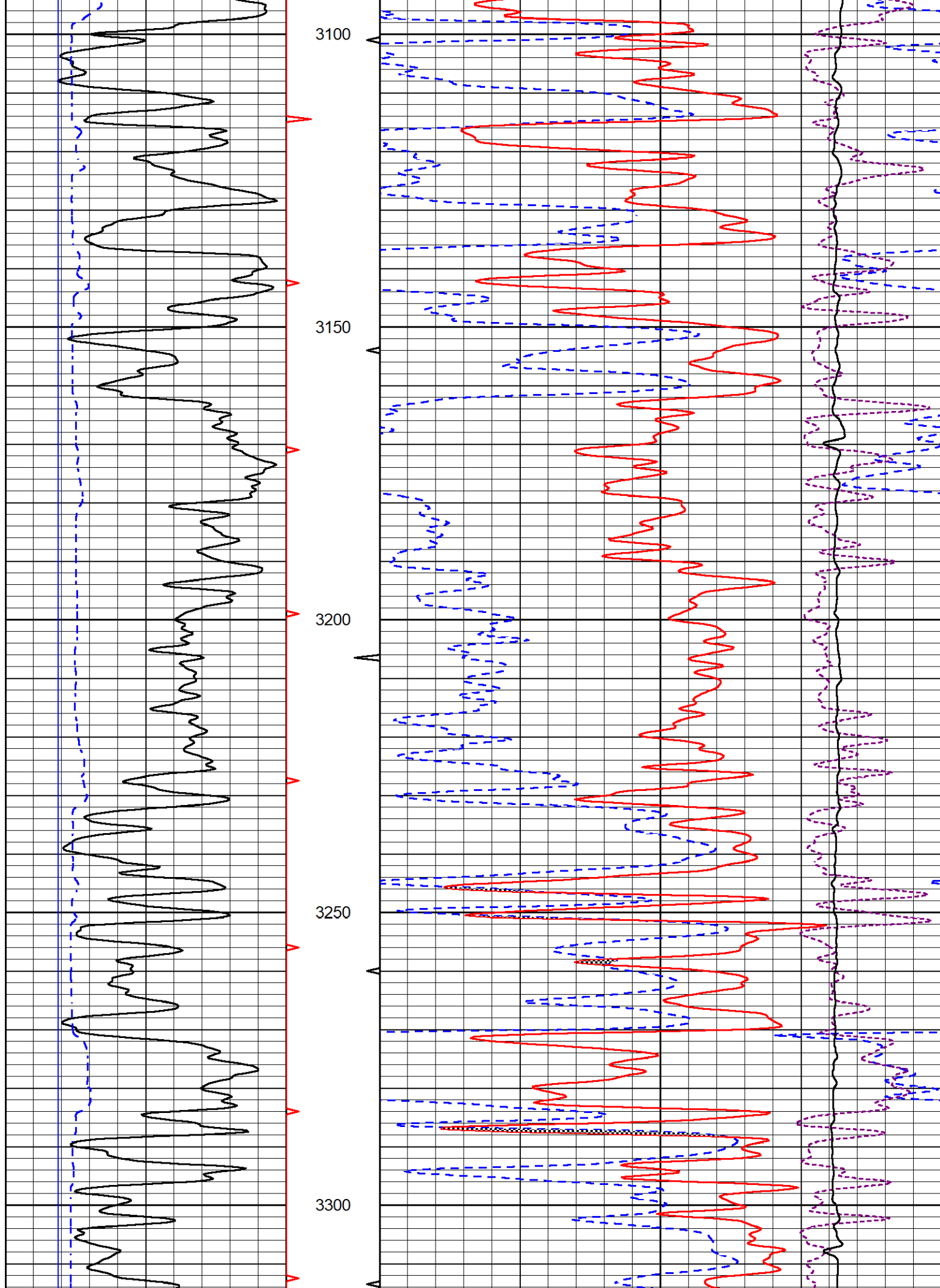
DETAIL SECTION

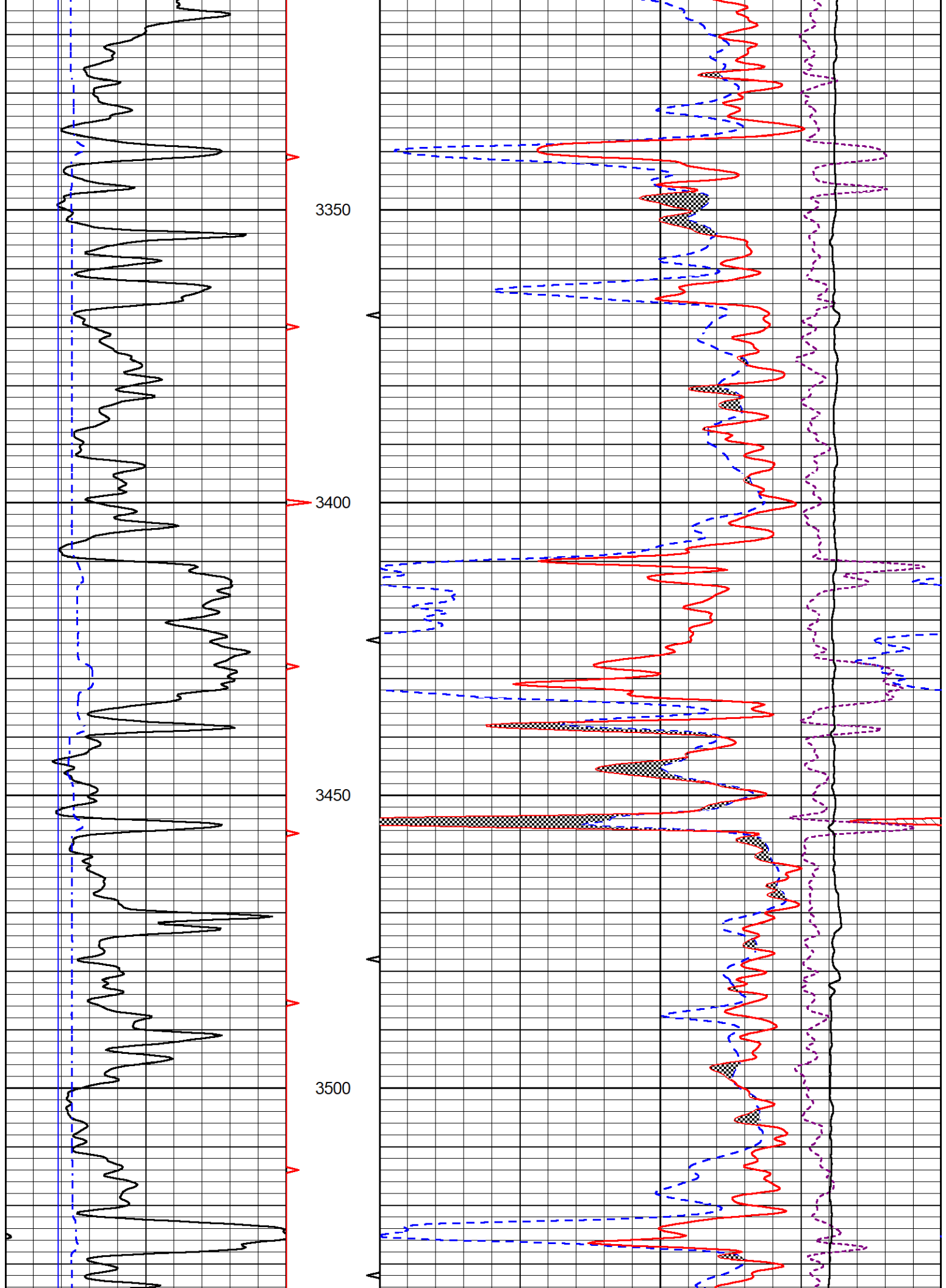
MAIN PASS

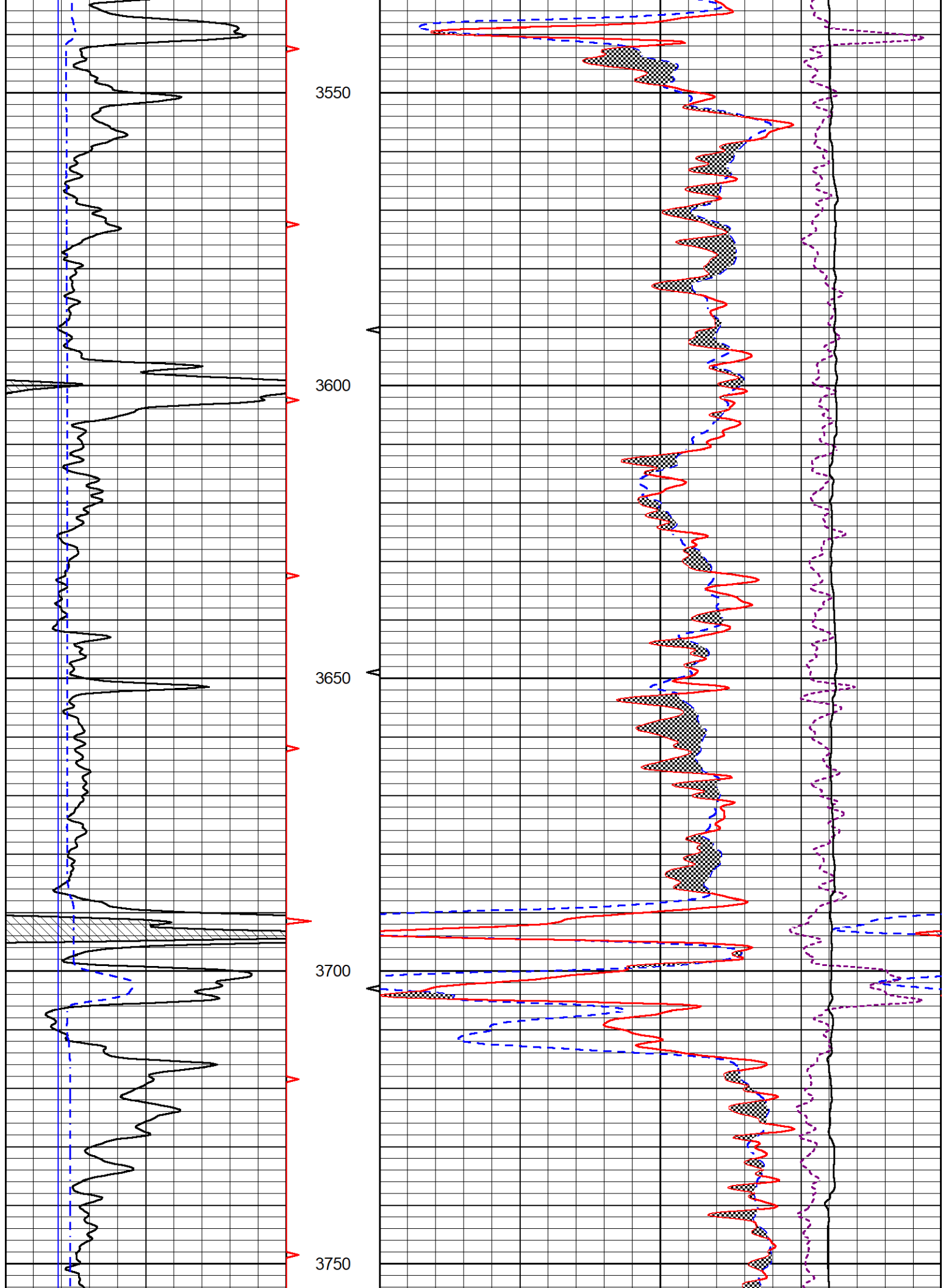
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 Presentation Format _CNDLS~1
 Dataset Creation Wed Mar 02 09:46:13 2022
 Charted by Depth in Feet scaled 1:240

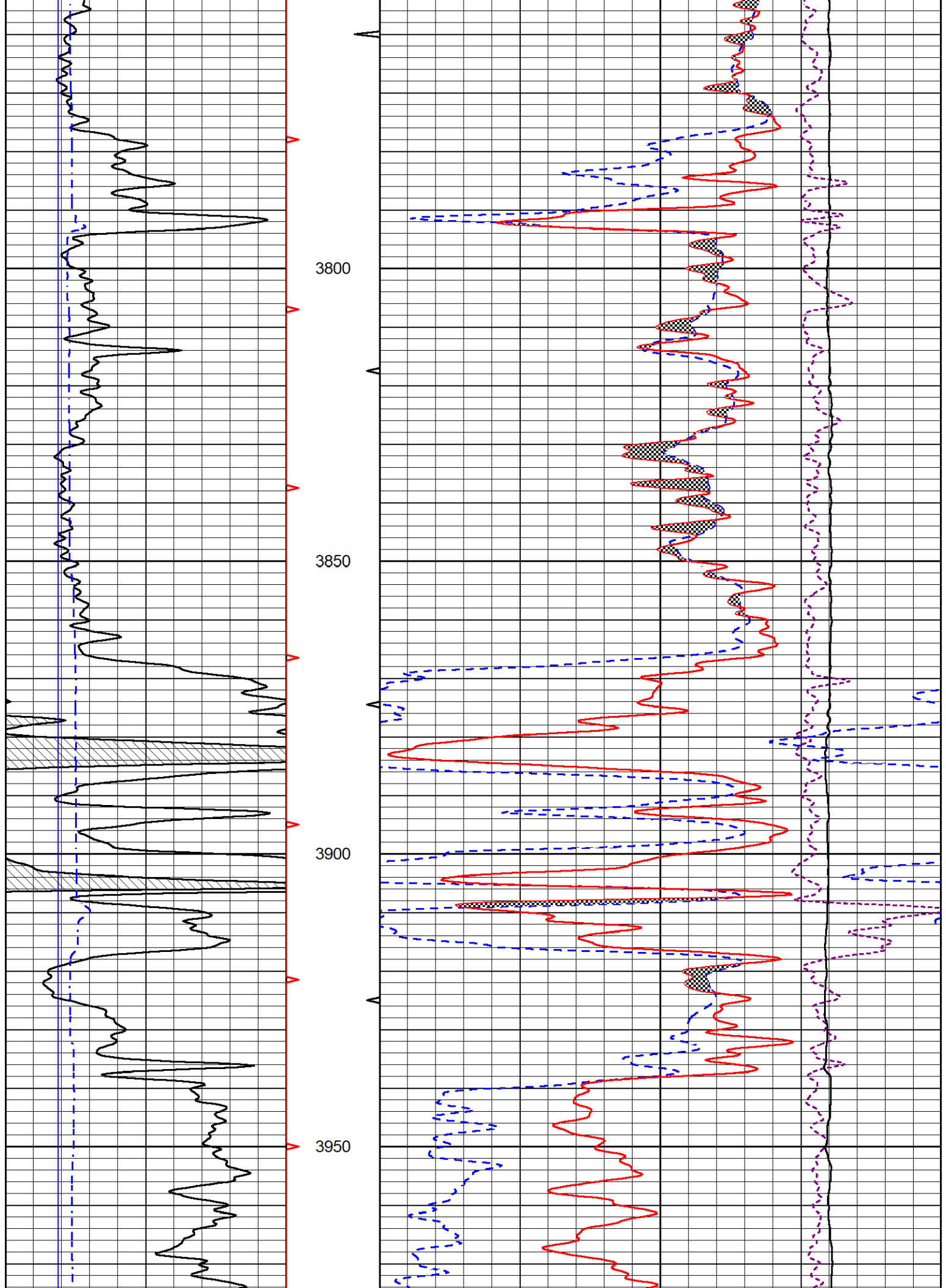


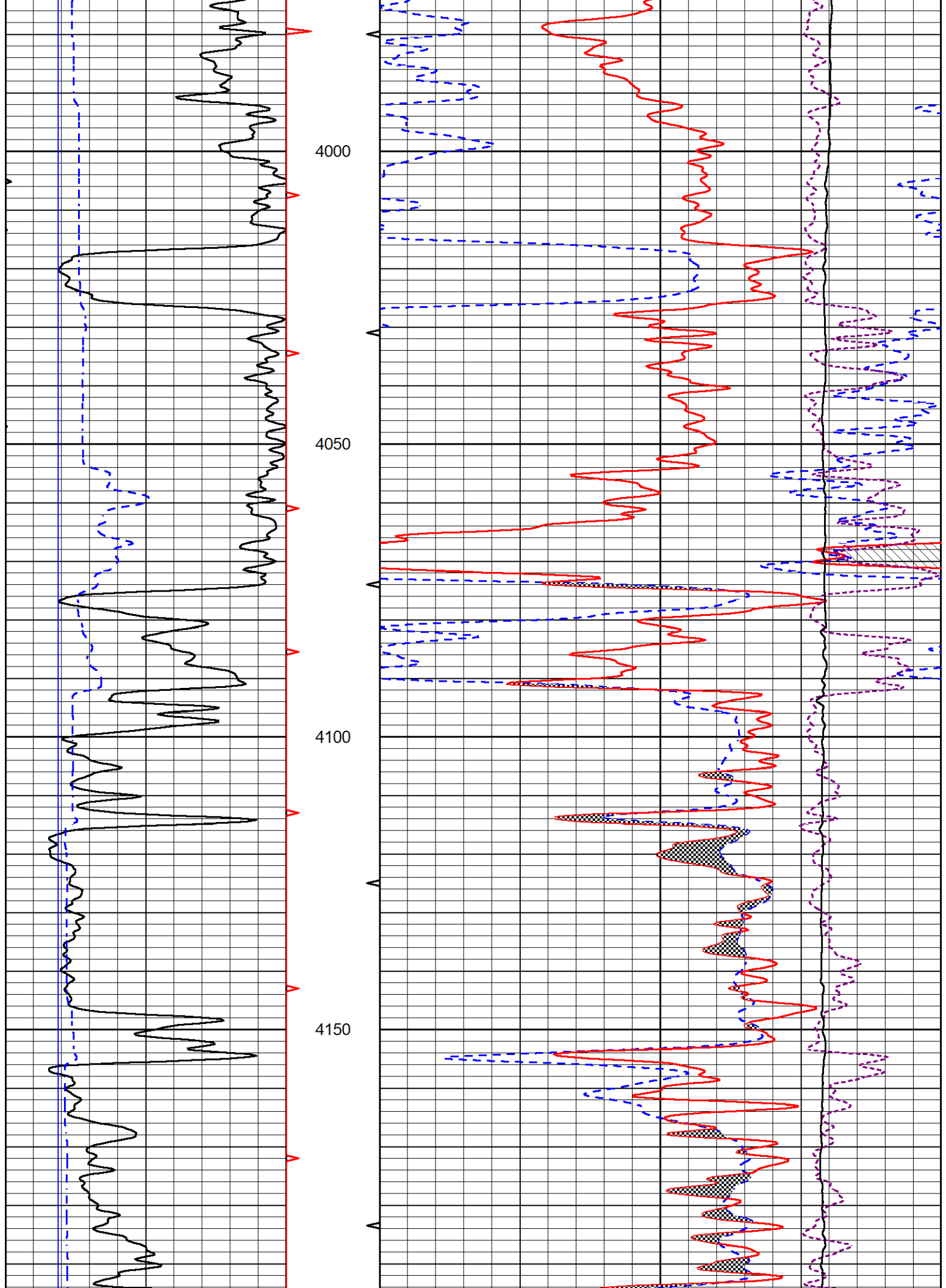


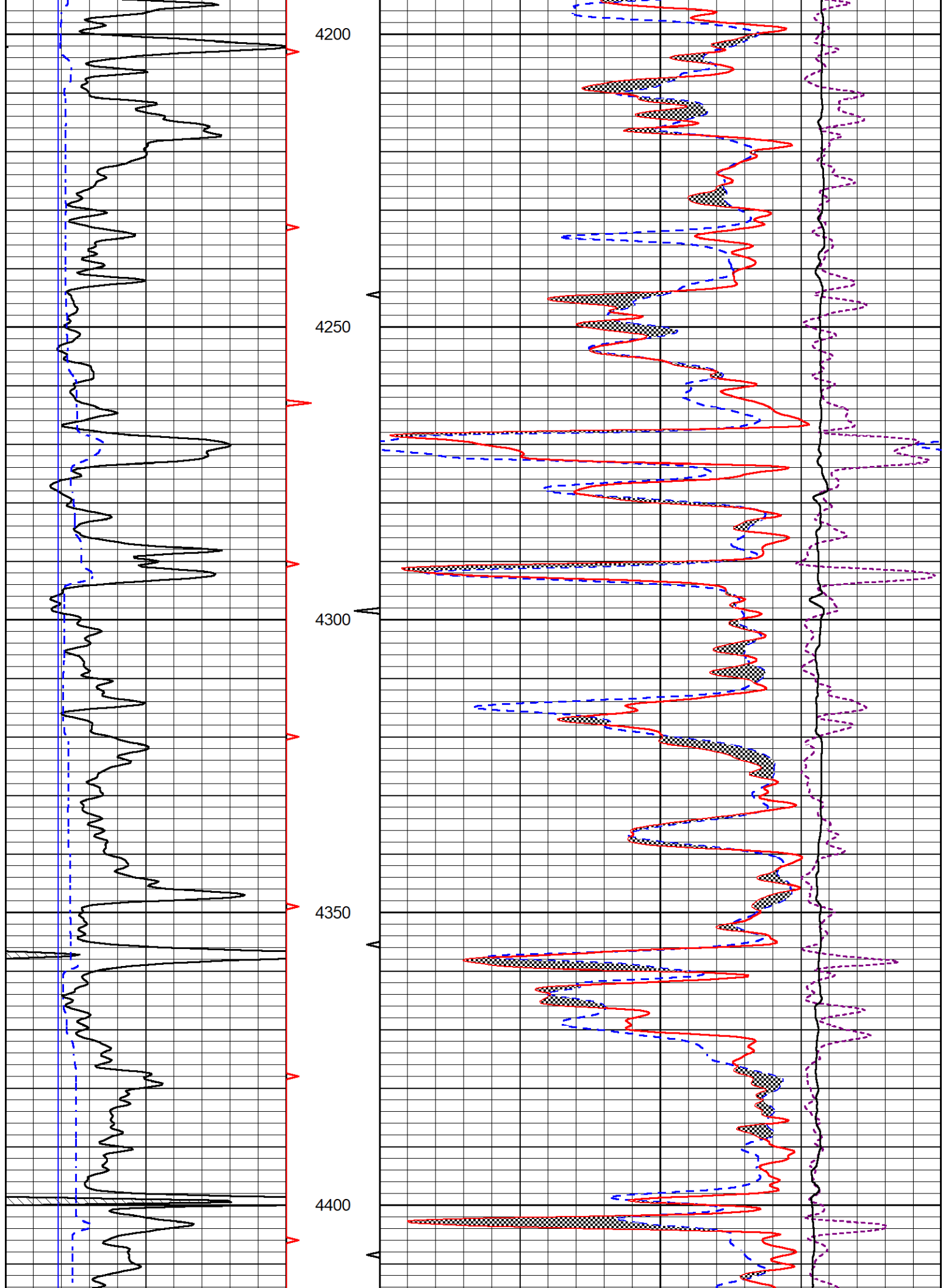


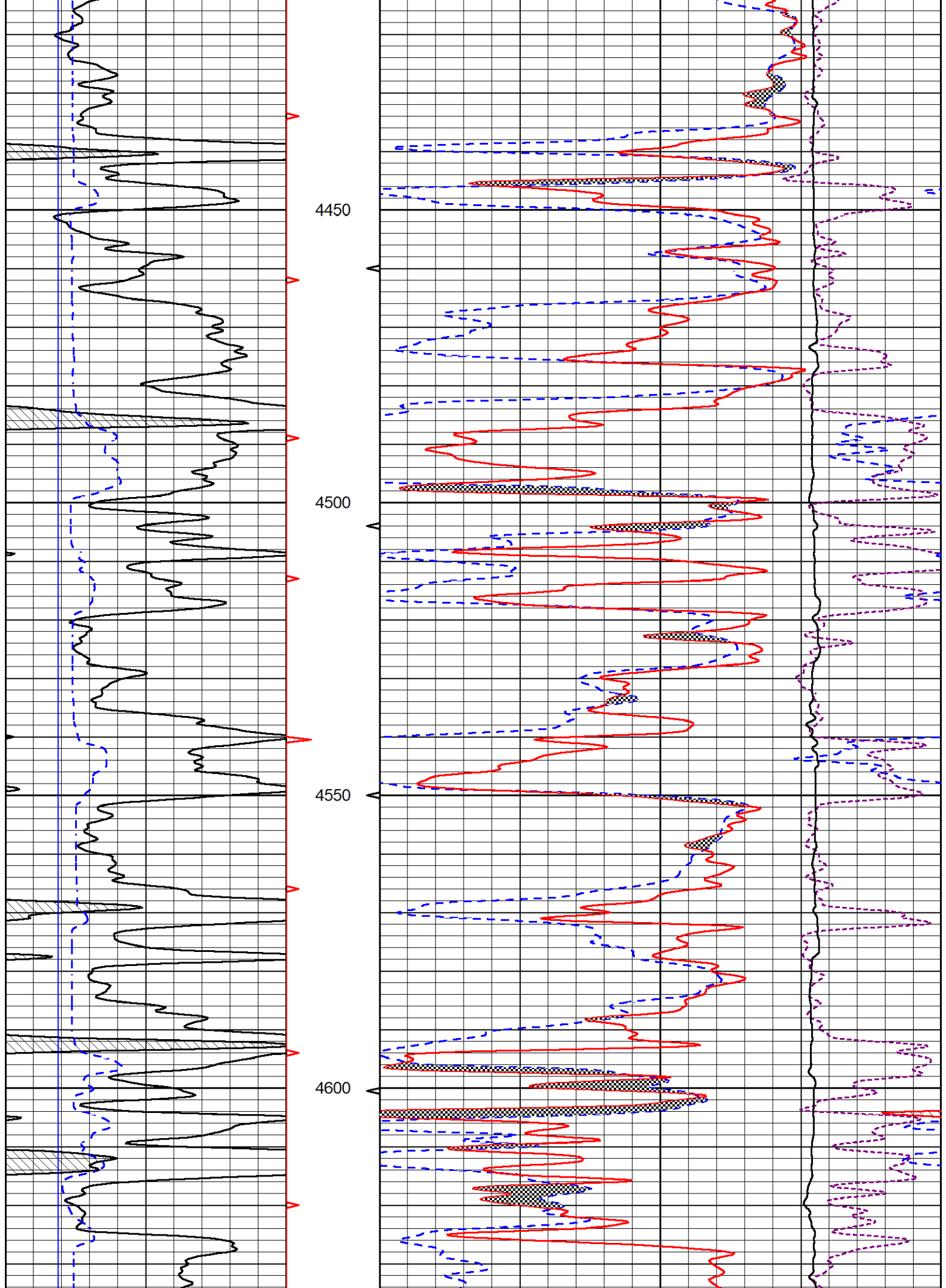


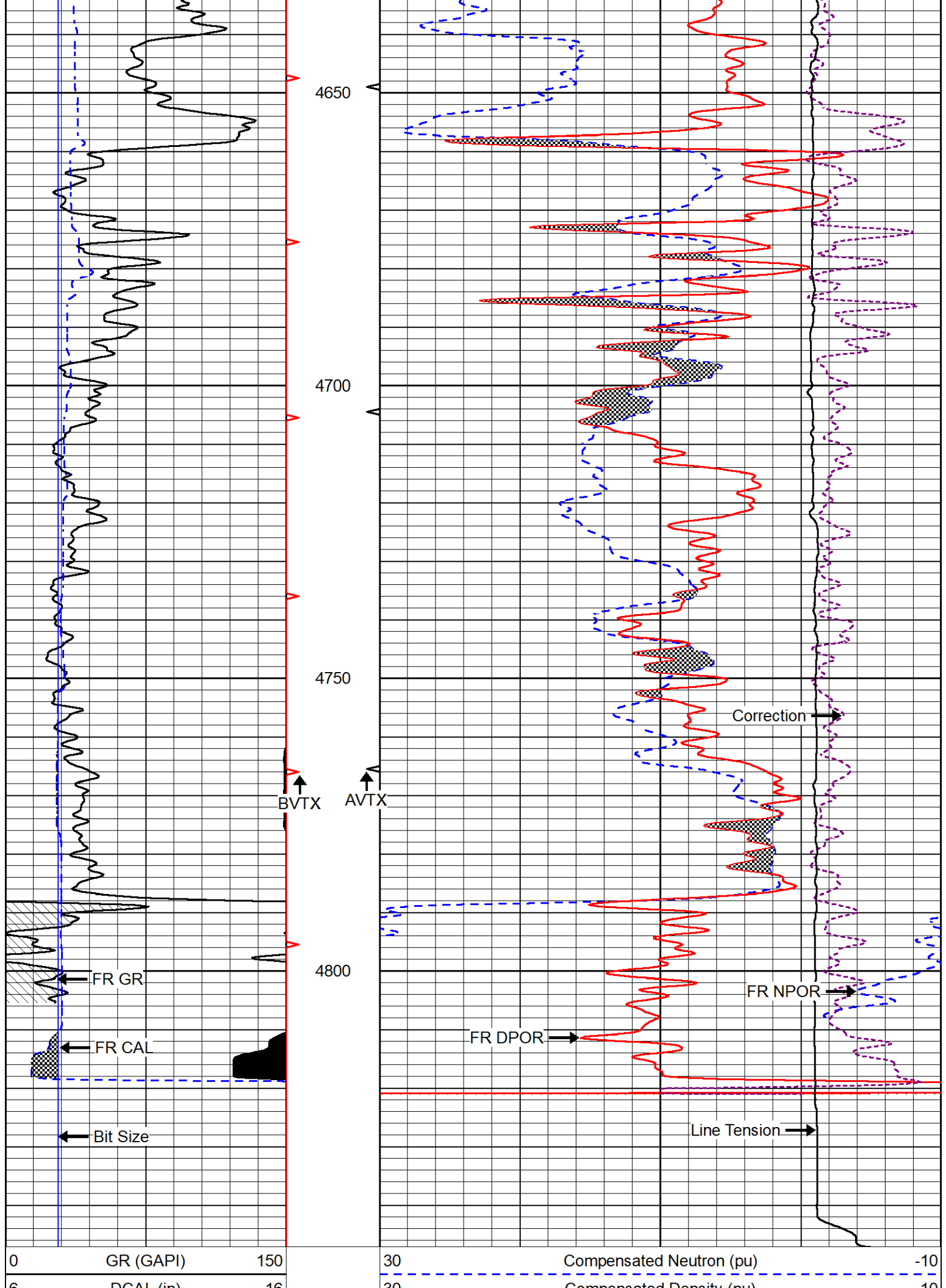












6	DCAL (in)	16
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50	Compensated Density (pu)		-10
10000	Line Tension (lb)		0
	-0.25	Correction (g/cc)	0.25



MIDWEST WIRELINE

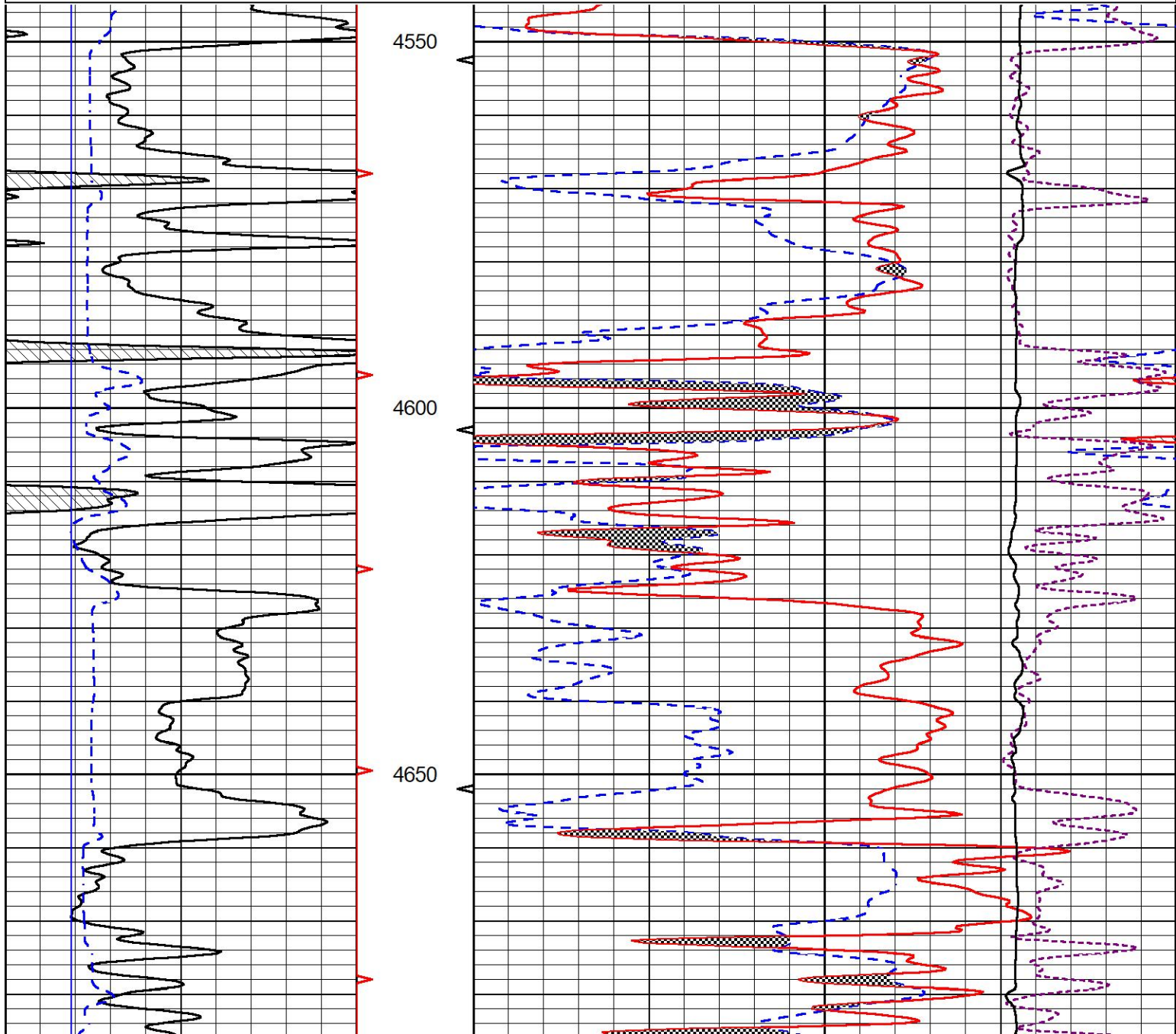
REPEAT SECTION

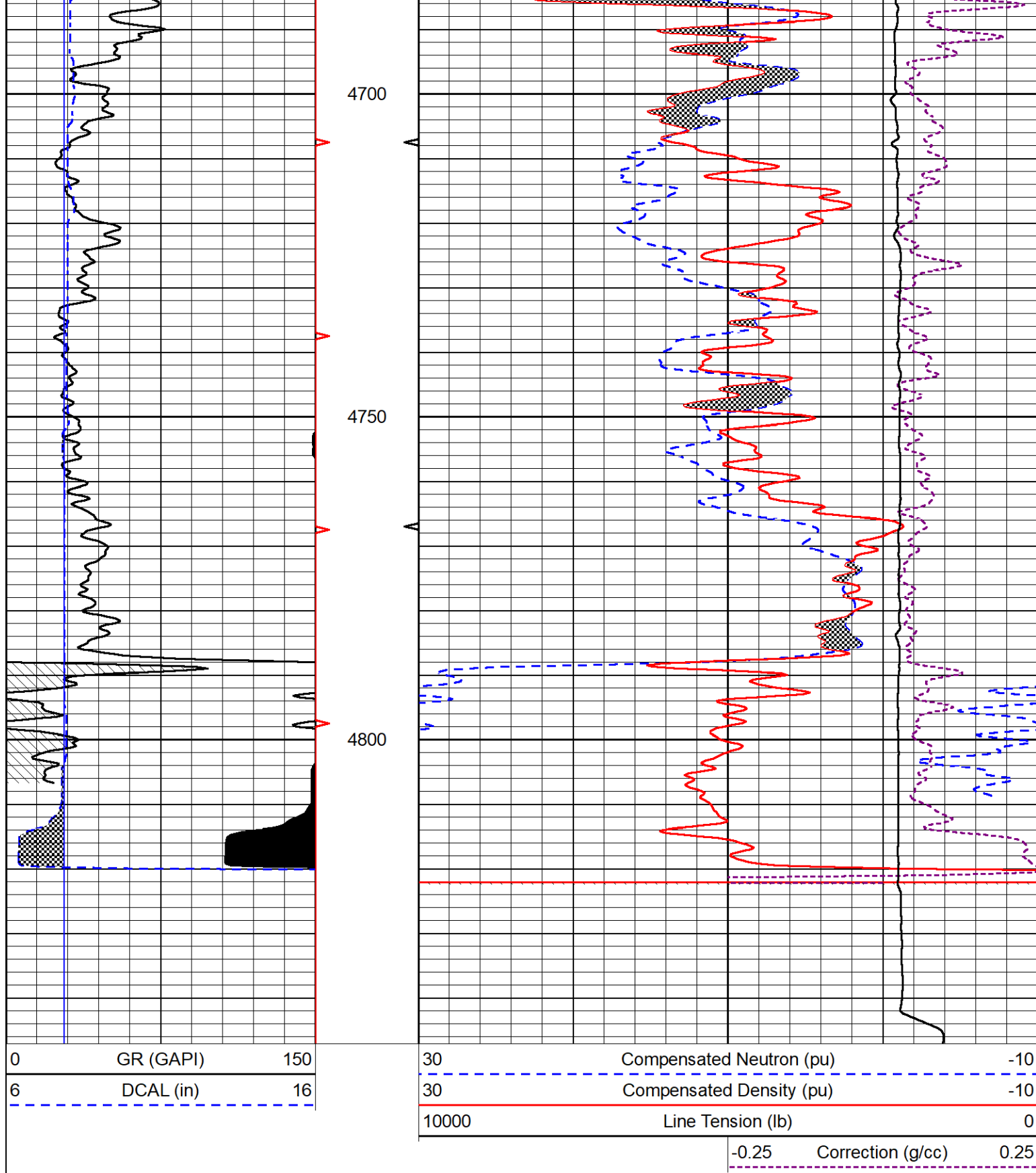
REPEAT PASS

Database File
griffin_whitley #1.db
Dataset Pathname
StkMI/pass2.1
Presentation Format
_CNDLS~1
Dataset Creation
Wed Mar 02 09:07:08 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_whitley #1.db
Dataset Pathname StkMI/pass3.1
Dataset Creation Wed Mar 02 09:46:13 2022

Dual Induction Calibration Report

Serial-Model:
Surface Cal Performed:

504 HT-M&W
Thu Dec 16 22:32:49 2021

Loop:	Readings		References			Results	
	Air	Loop	Air	Loop		m	b
Deep	178.615	710.235	0.000	255.800	mmho/m	0.650	-20.000
Medium	161.982	1441.110	0.000	255.800	mmho/m	0.450	-51.000

Microlog Calibration Report

Serial-Model:	402-PSI STKBL ML
Performed:	Thu Dec 16 22:29:48 2021

	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0037	0.0043	0.0000	10.0000	Ohm-m	21000.0000	-1.0000
Inverse	0.1208	0.0013	0.0000	10.0000	Ohm-m	20000.0000	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	1.05			

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

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 #1
Field	Moffett West
County	Barber
State	Kansas