



MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company Carmen Schmitt, Inc.

Well Audrey #1

Field

County Sheridan

State Kansas

Location: API #: 15-179-21484-00-00

Other Services

1250 FSL & 2050 FWL

SEC 30 TWP 8S RGE 30W

DIL/MEL

Permanent Datum Ground Level Elevation 2946

Log Measured From Kelly Bushing

Drilling Measured From Kelly Bushing

K.B. 2951
D.F.
G.L. 2946

Date 5/21/2022

Run Number One

Type Log CNL/CDL

Depth Driller 4635

Depth Logger 4633

Bottom Logged Interval 4604

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 3300

Density 9.3

Level Full

Max. Rec. Temp. F 122

Operating Rig Time 3 Hours

Equipment -- Location P-24 Hays

Recorded By D. Schmidt

Witnessed By Brad Rine

Borehole Record

Run No. Bit From To Size Wgt. From To

One 12.25 0 265 8.625 23 0 265

Two 7.875 265 TD

<<< Fold Here >>>

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.

Menlo,
1 1/2 South, East into

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: Brad Rine
Secondary Witness:
Secondary Witness:
Secondary Witness:

[illegible]

Log Variables

DatabaseC:\ProgramData\Warrior\Data\carmen schmitt_audrey 1.db
Dataset field/well/stkml/pass3.19/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 122	in 5.5	in 0	g/cc 1	2	g/cc 2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	-70	mmho/m 0	mmho/m 0	mV 85	degF 40	Off	ft 4633

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



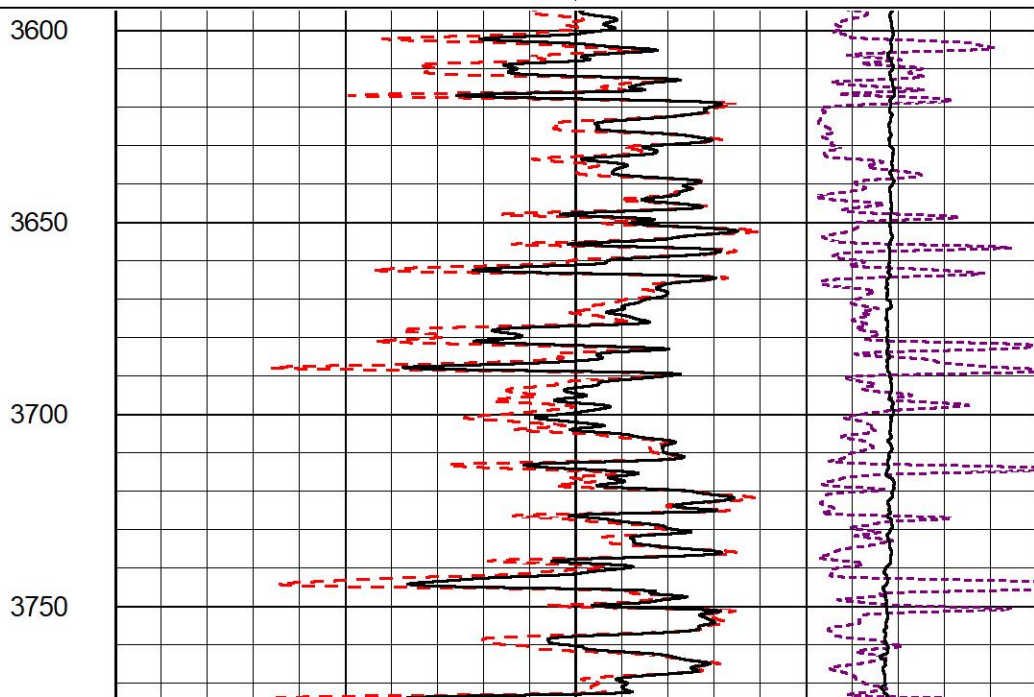
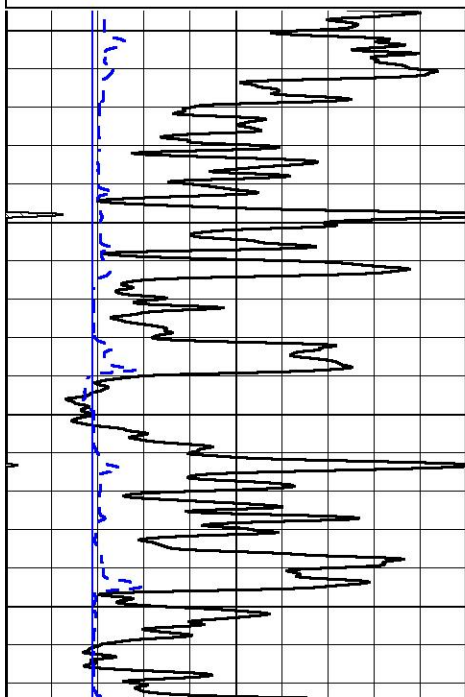
2" SCALE BULK DENSITY

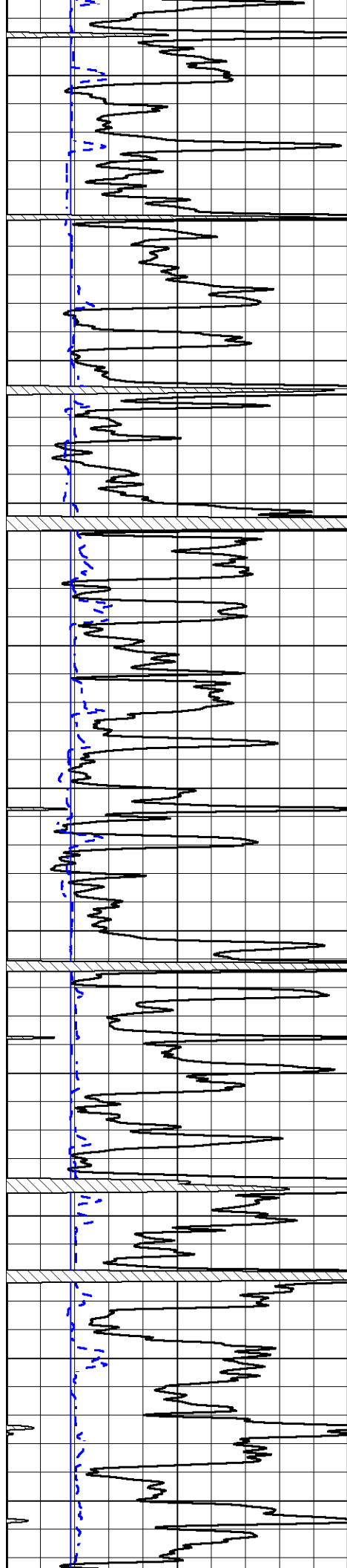
MAIN PASS

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Dataset Pathname stkml/pass3.2
Presentation Format _cdl
Dataset Creation Sat May 21 06:45:52 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





3800

3850

3900

3950

4000

4050

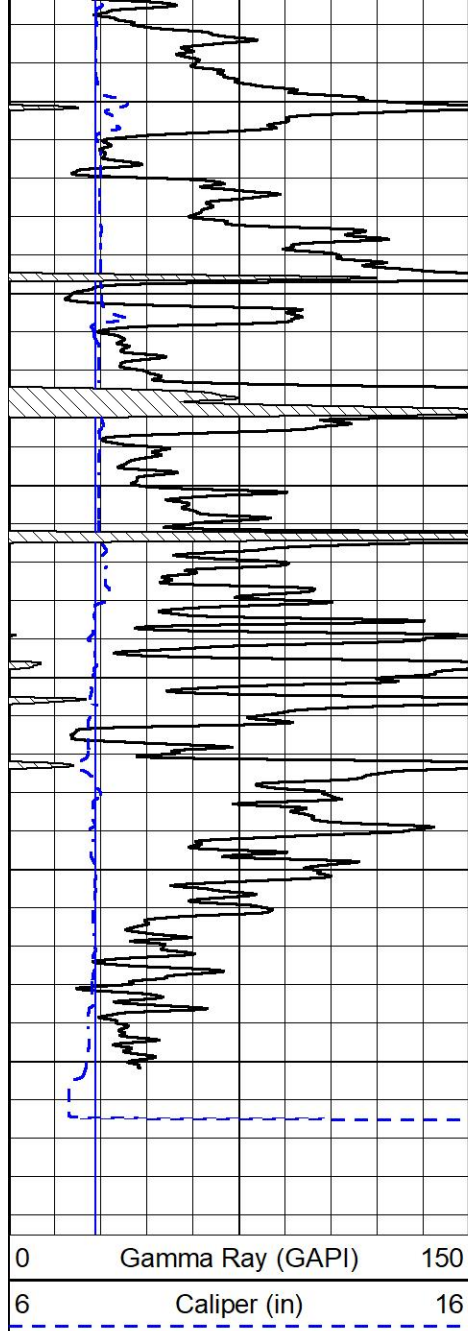
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4150

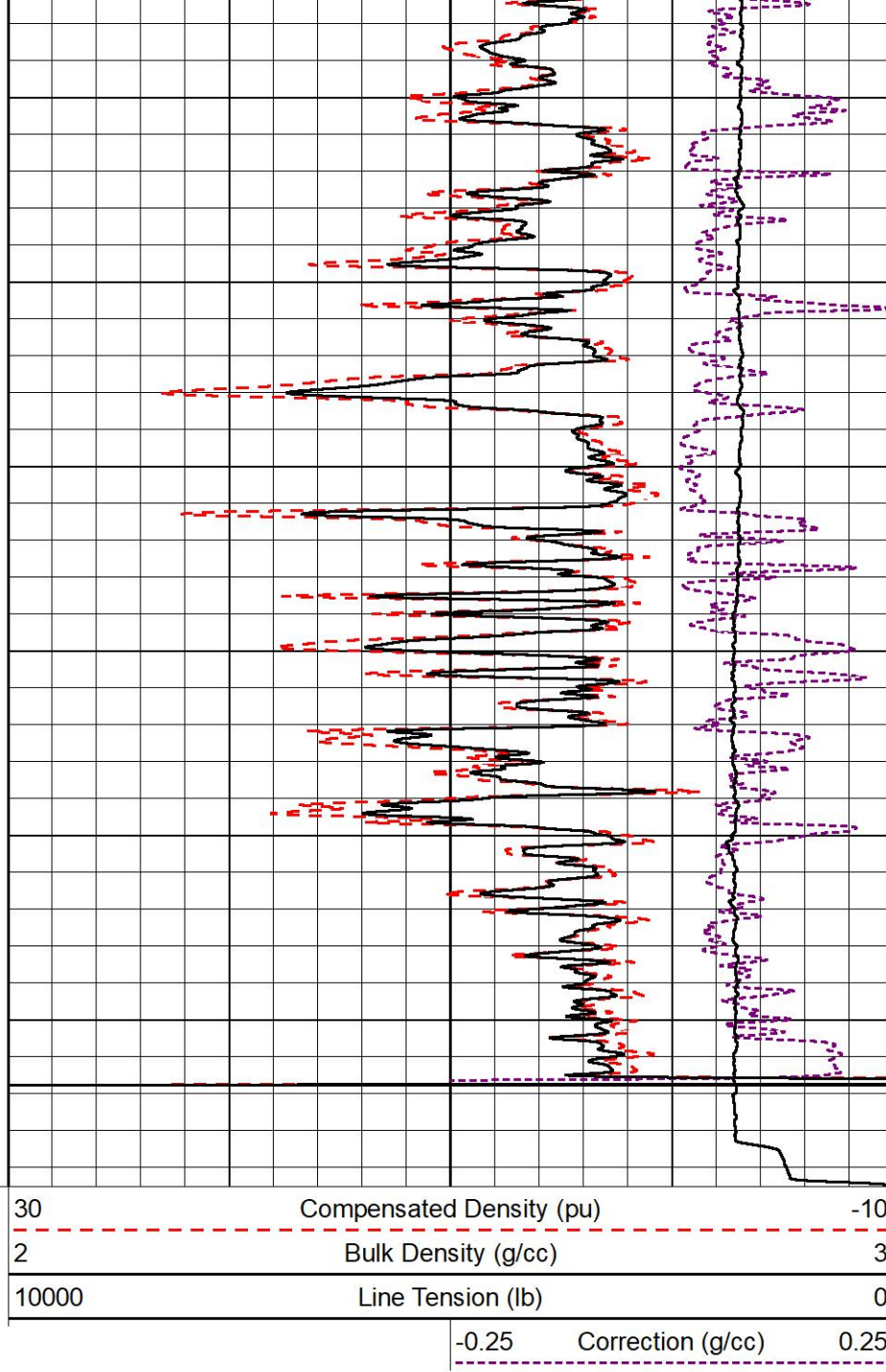
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4250

4300



4350
4400
4450
4500
4550
4600

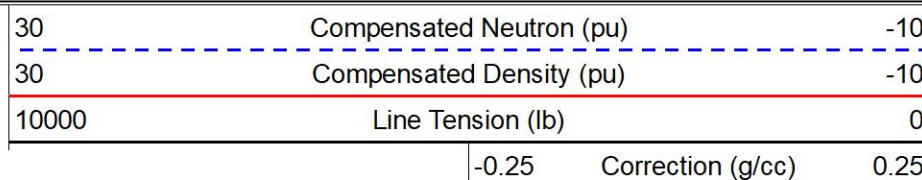
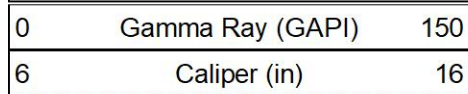


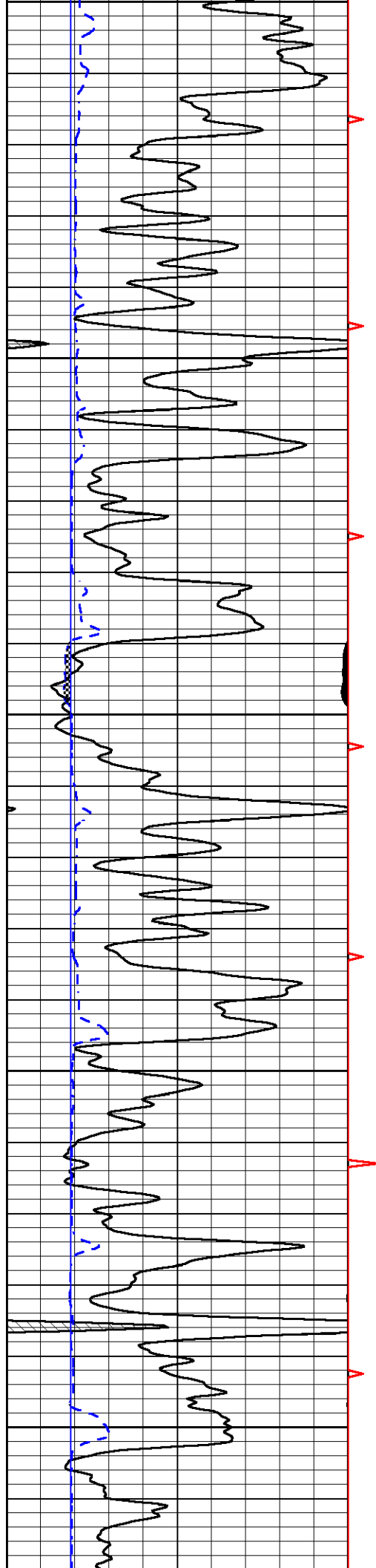
MIDWEST WIRELINE

DETAIL SECTION

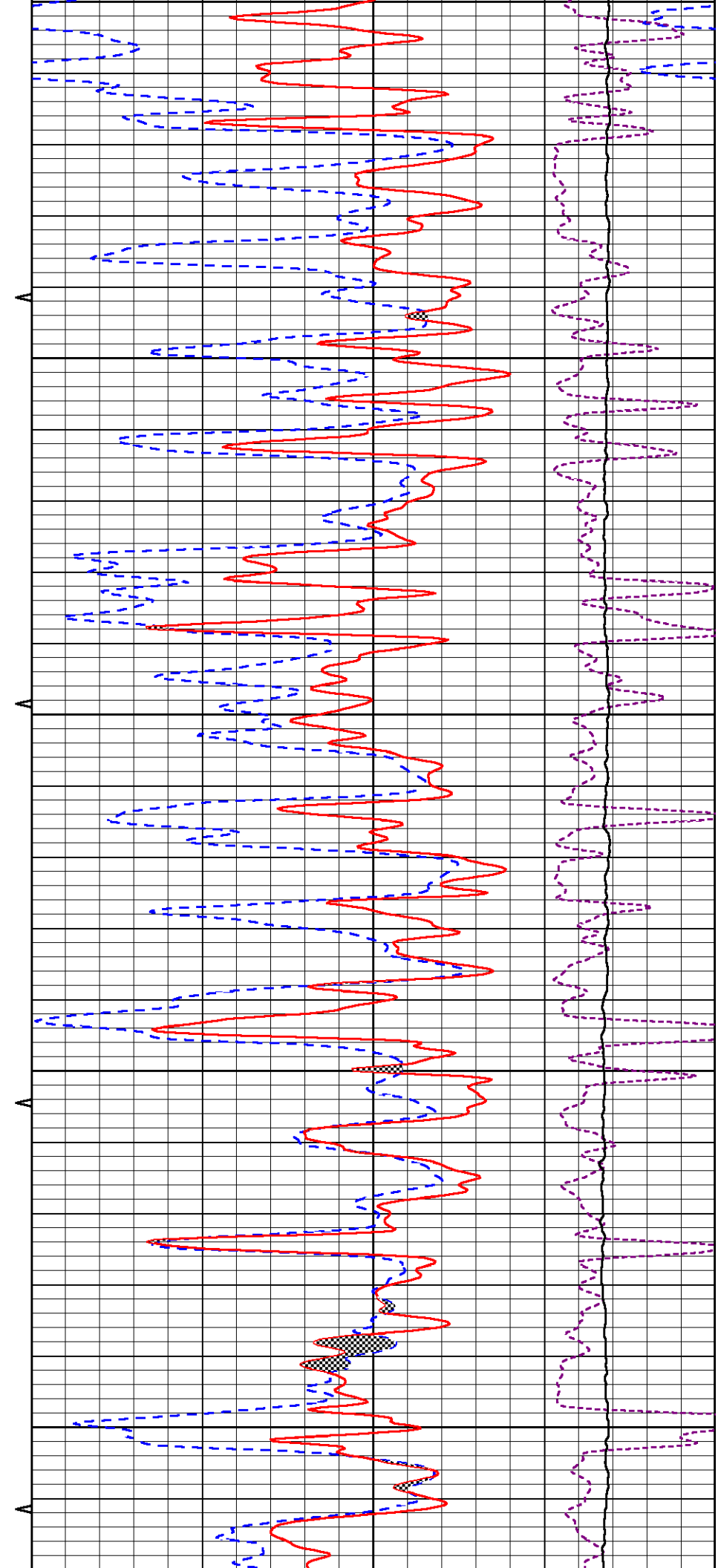
MAIN PASS

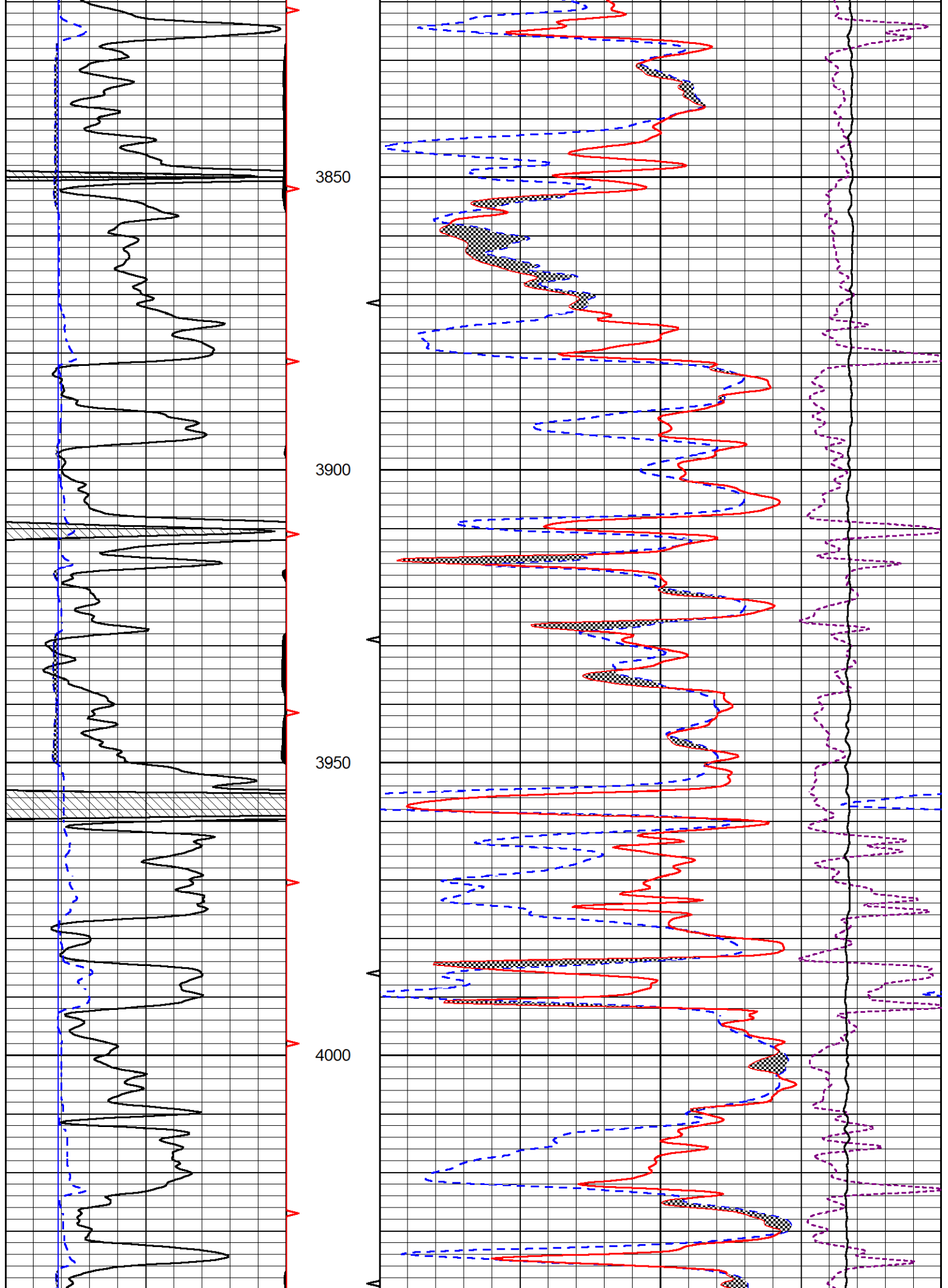
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Presentation Format _CNDLS~1
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Charted by Depth in Feet scaled 1:240

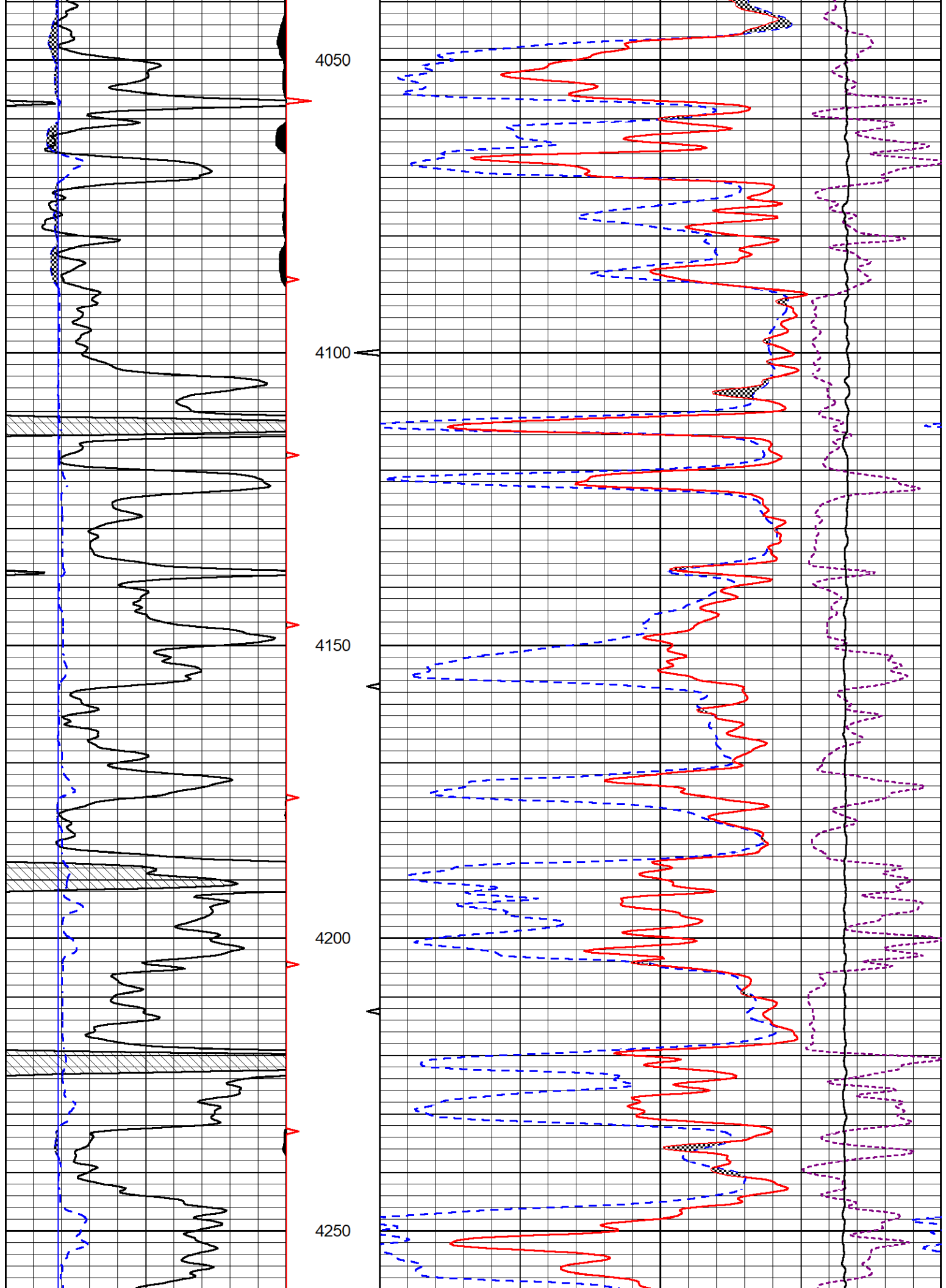


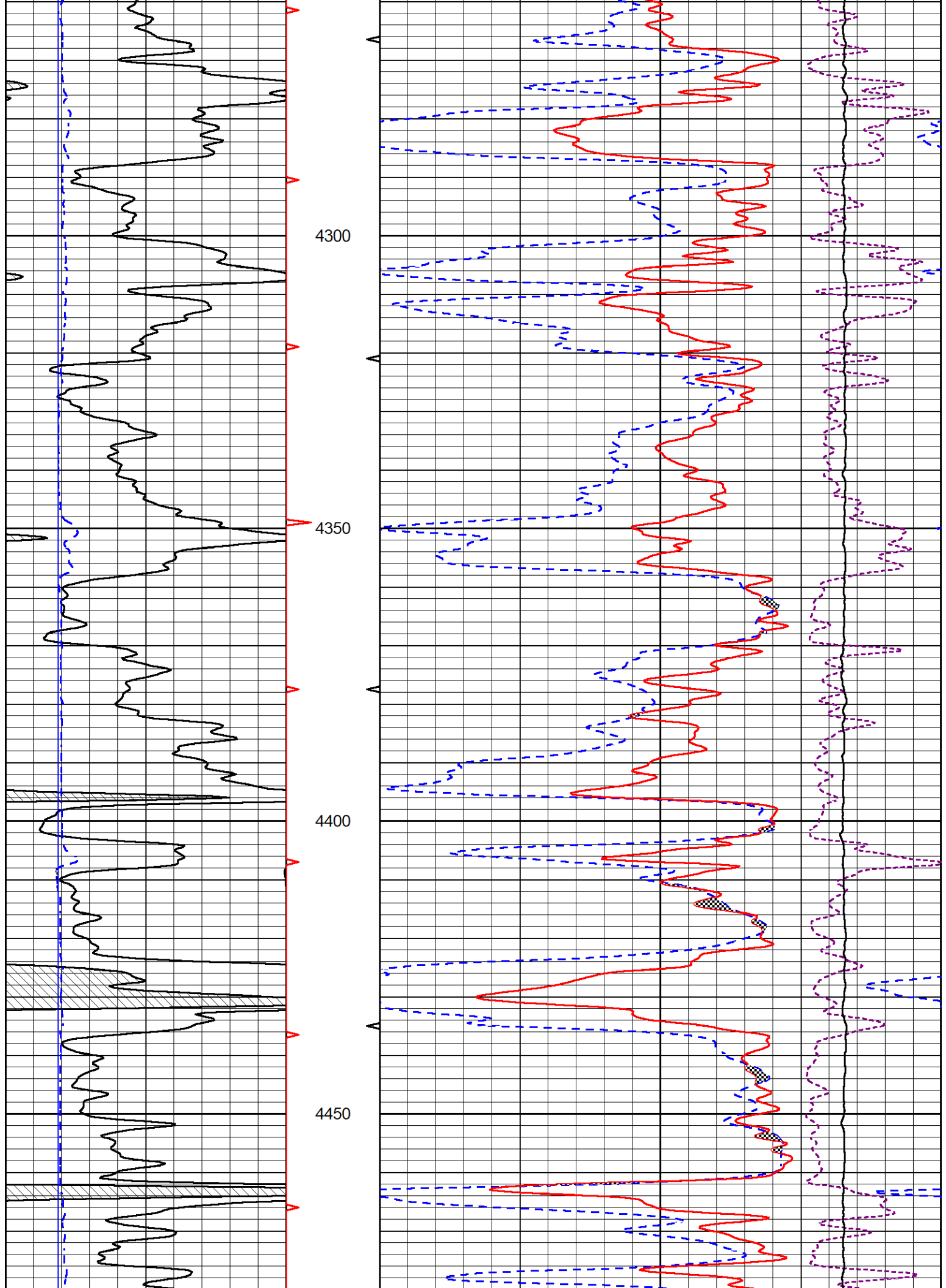


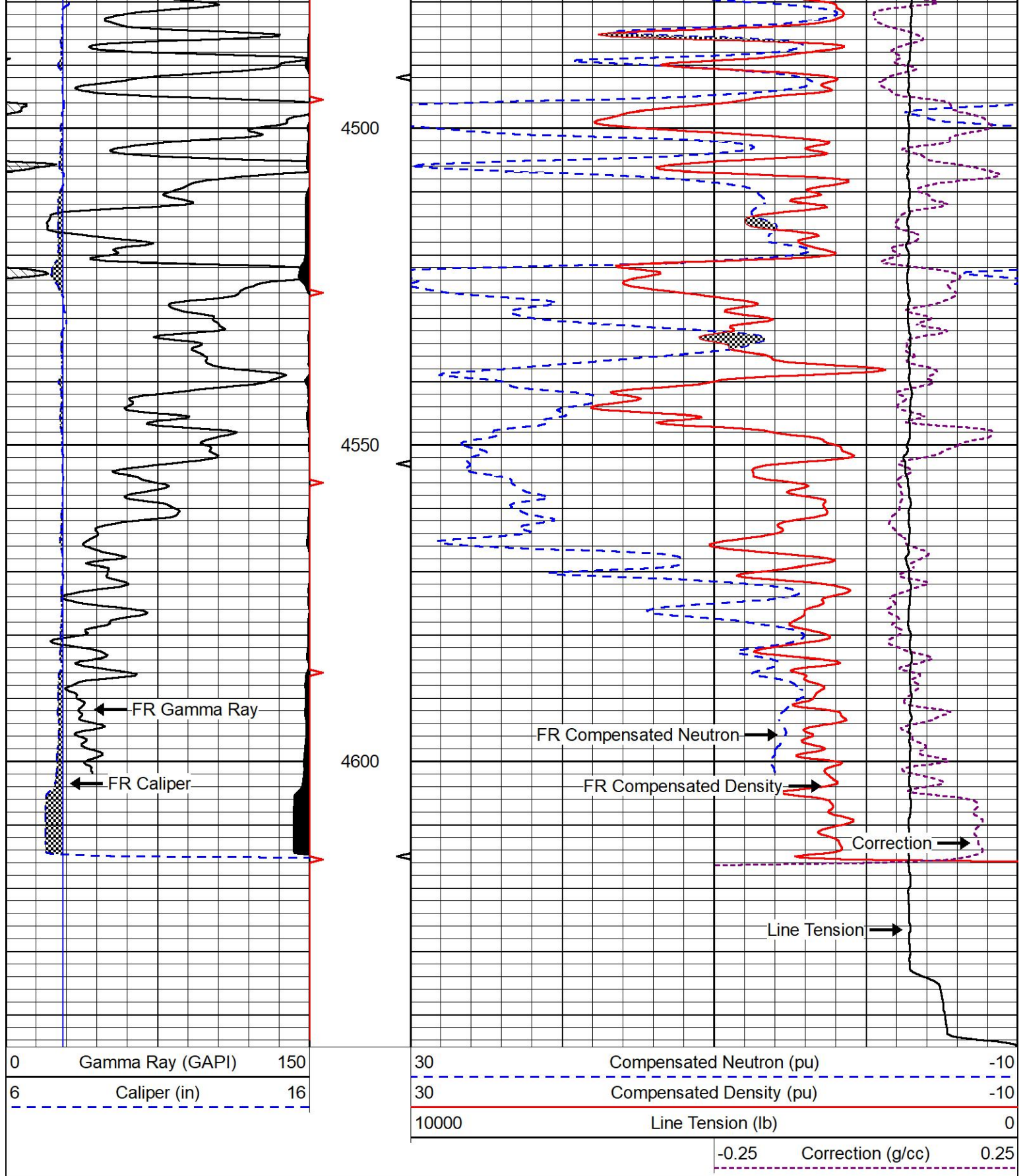
3600
3650
3700
3750
3800









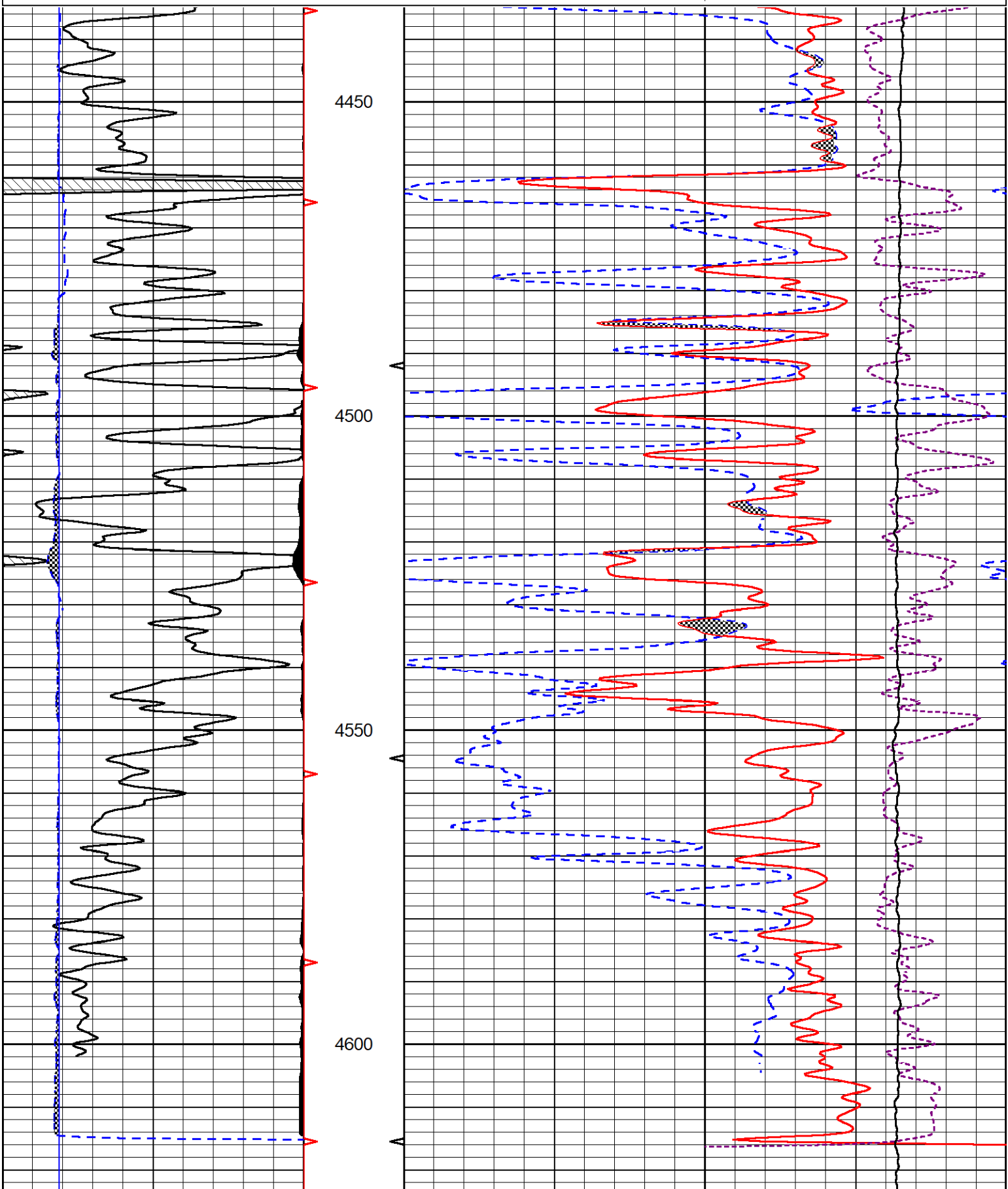


REPEAT SECTION

REPEAT PASS

Database File carmen schmitt_audrey 1.db
 Dataset Pathname stkm/pass2.1

0	Gamma Ray (GAPI)	150	30	Compensated Neutron (pu)	-10
6	Caliper (in)	16	30	Compensated Density (pu)	-10
			10000	Line Tension (lb)	0
			-0.25 Correction (g/cc) 0.25		



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	Carmen Schmitt, Inc.
Well	Audrey #1
Field	
County	Sheridan
State	Kansas