

Log Variables

DatabaseC:\ProgramData\Warrior\Data\ritchie_scheurmanhrbek trust 1.db
Dataset field/well/stkml/pass3.5/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	123	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	230	40	Off	4695

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



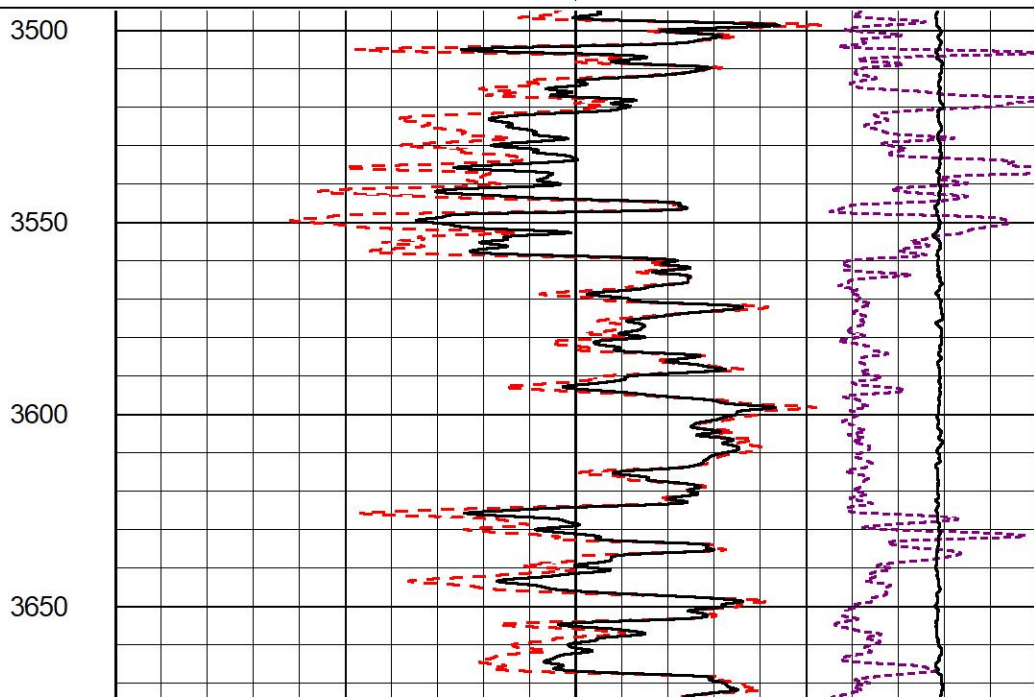
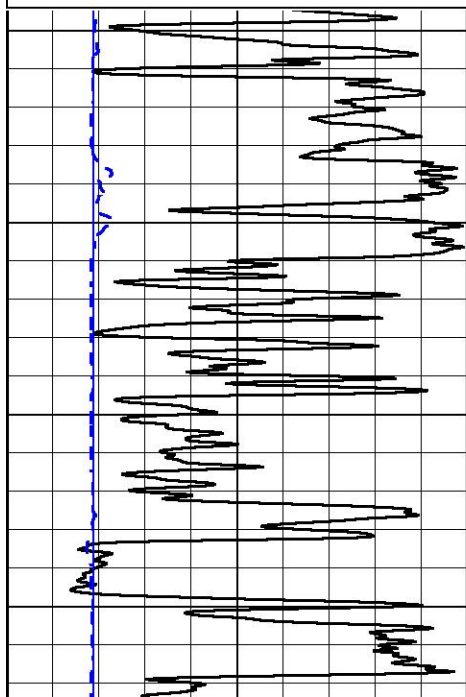
2" SCALE BULK DENSITY

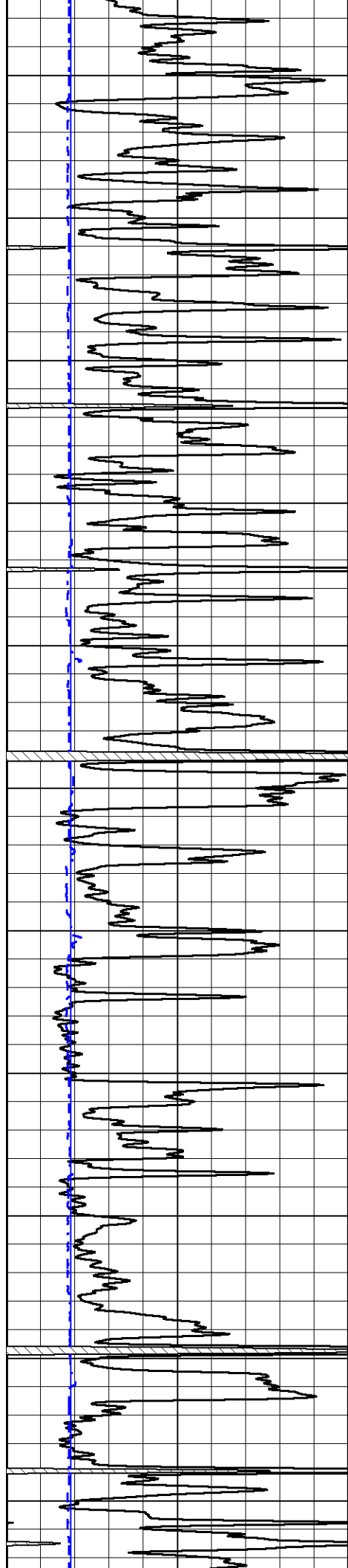
MAIN PASS

Database File ritchie_scheurmanhrbek trust 1.db
Dataset Pathname stkml/pass4.1
Presentation Format _cdl
Dataset Creation Sun Dec 05 04:02:23 2021
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





3700

3750

3800

3850

3900

3950

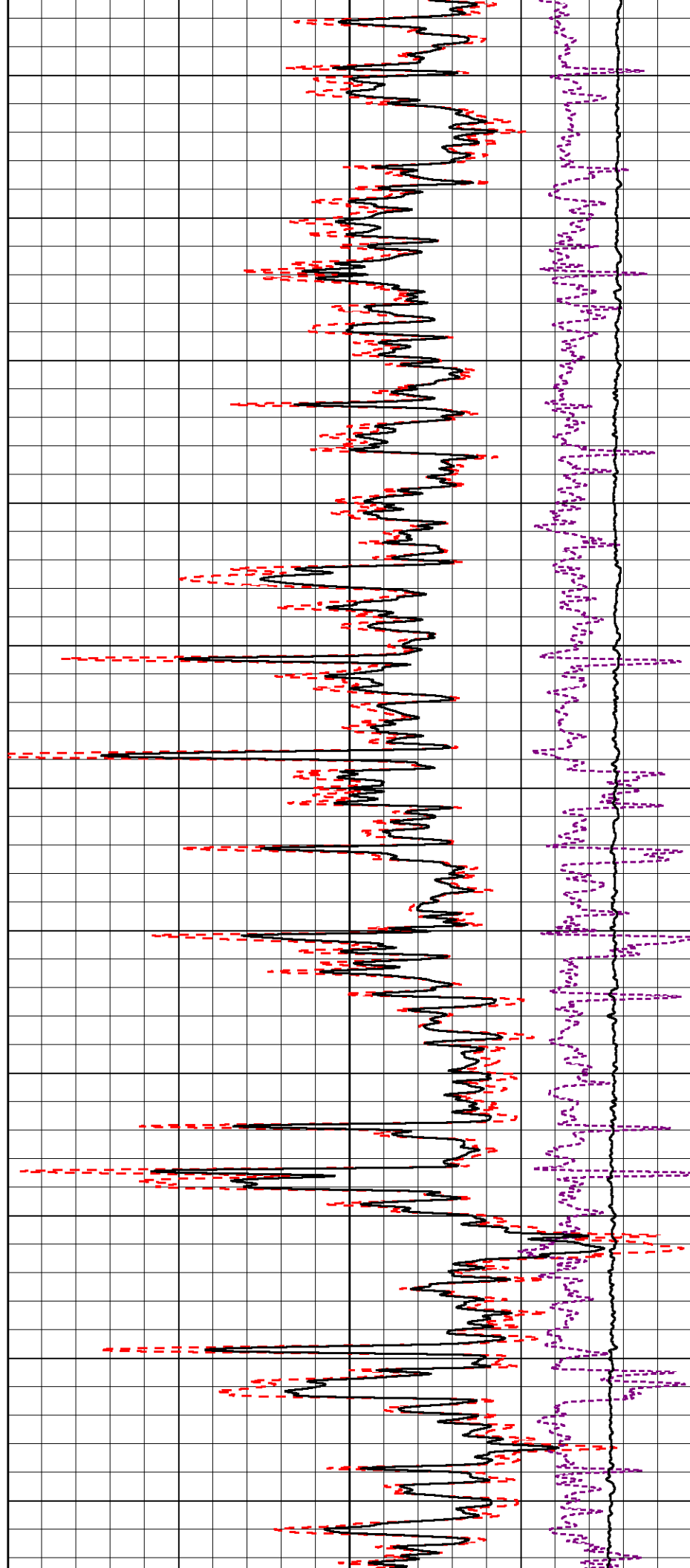
4000

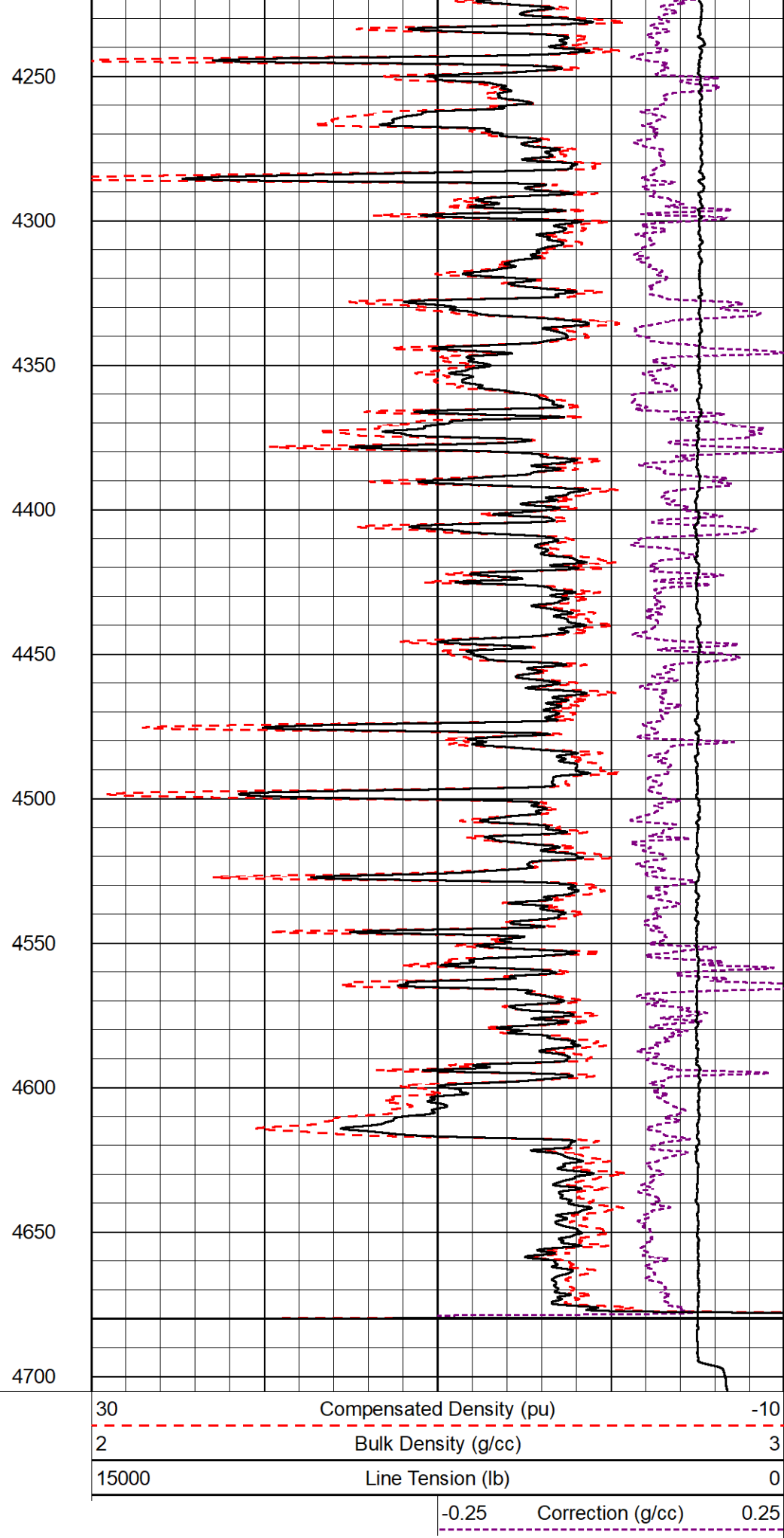
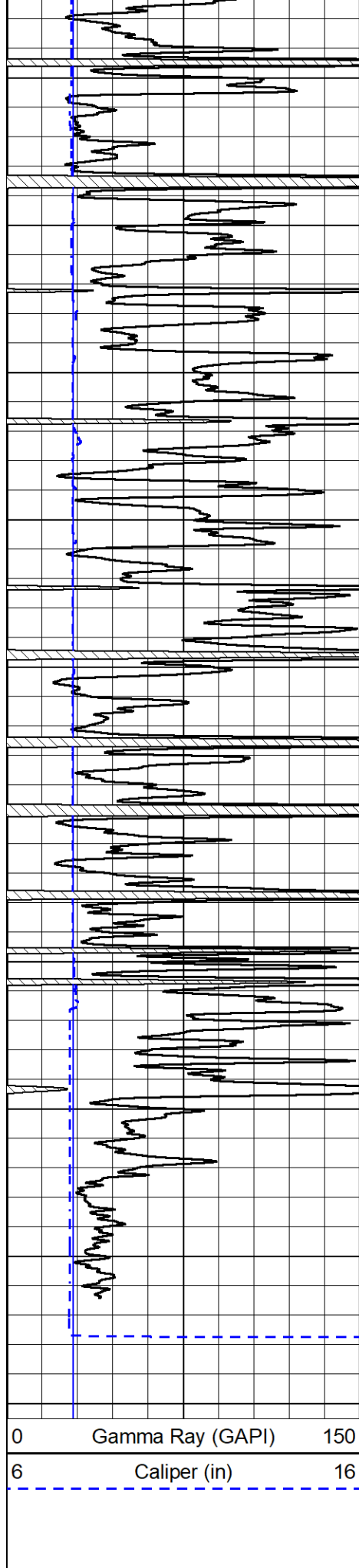
4050

4100

4150

4200





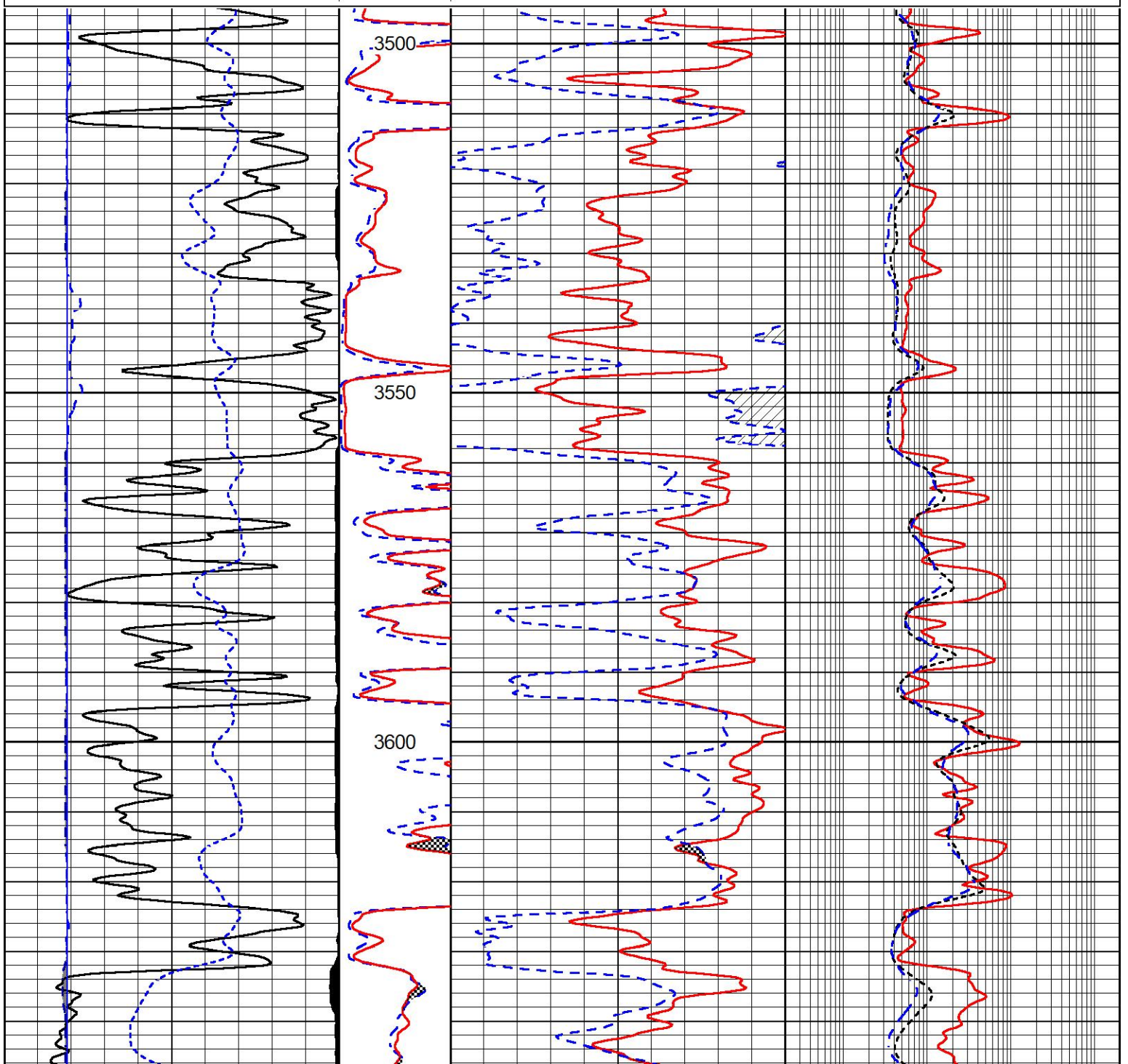


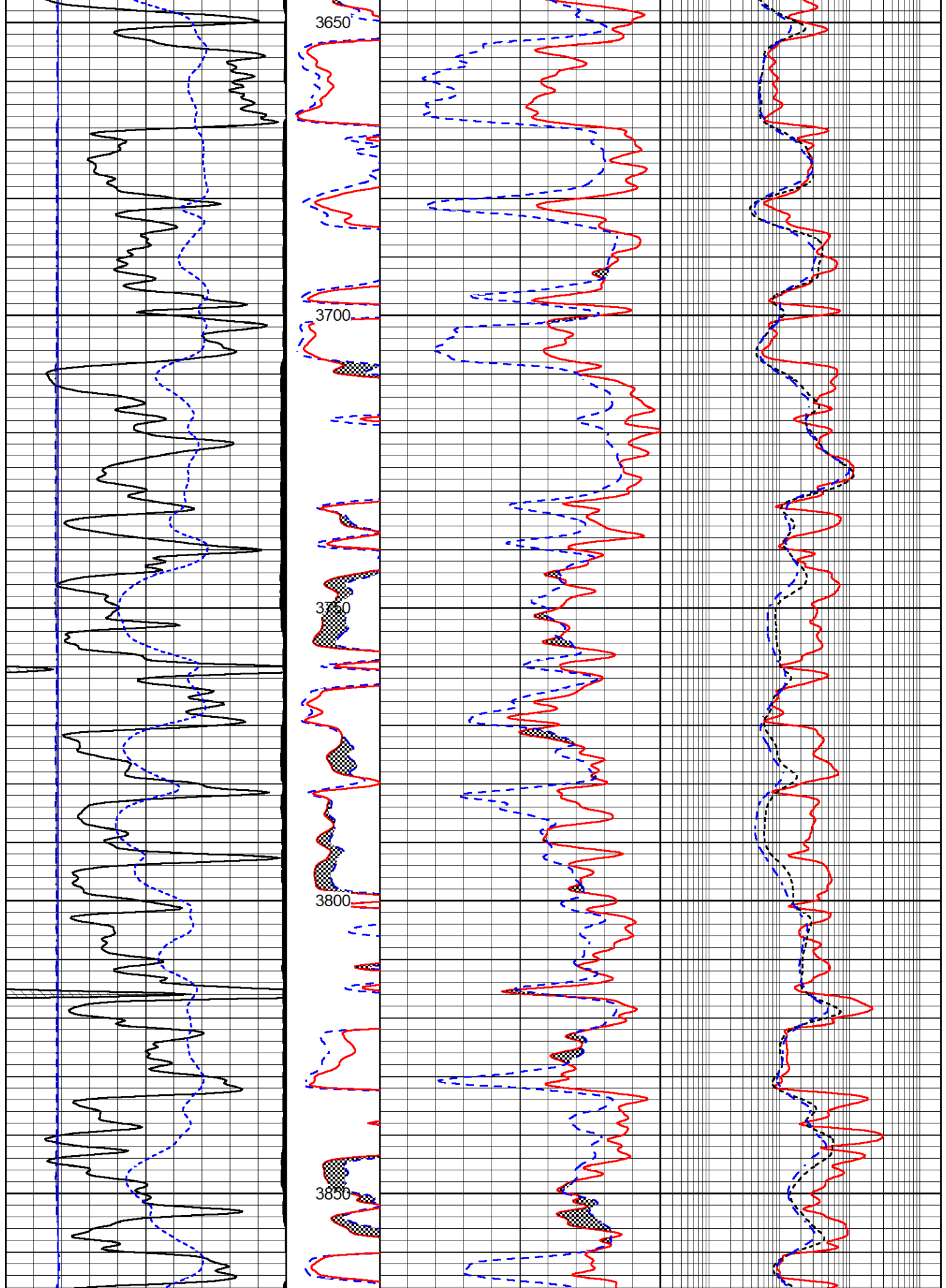
DETAIL SECTION

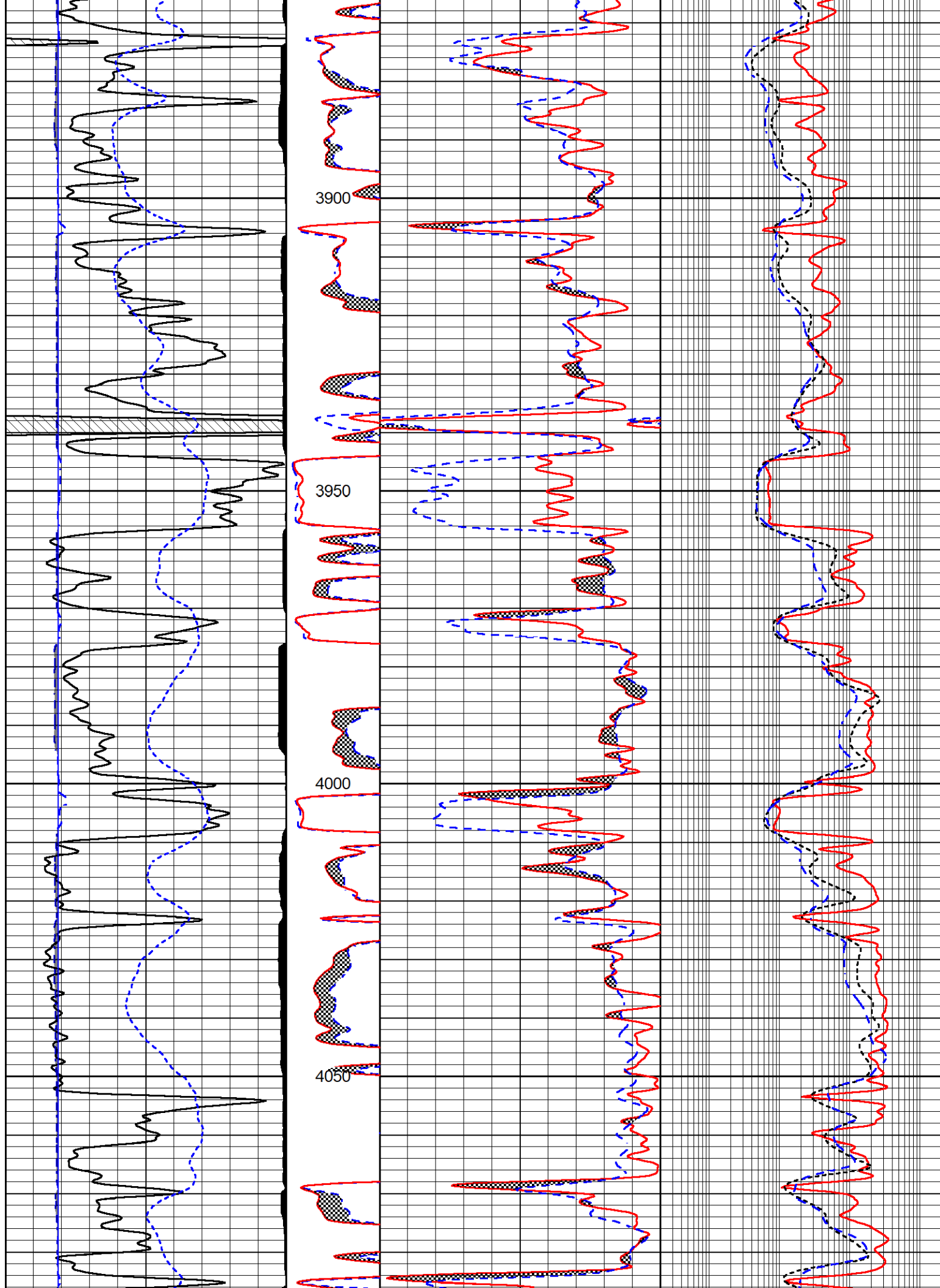
MAIN PASS

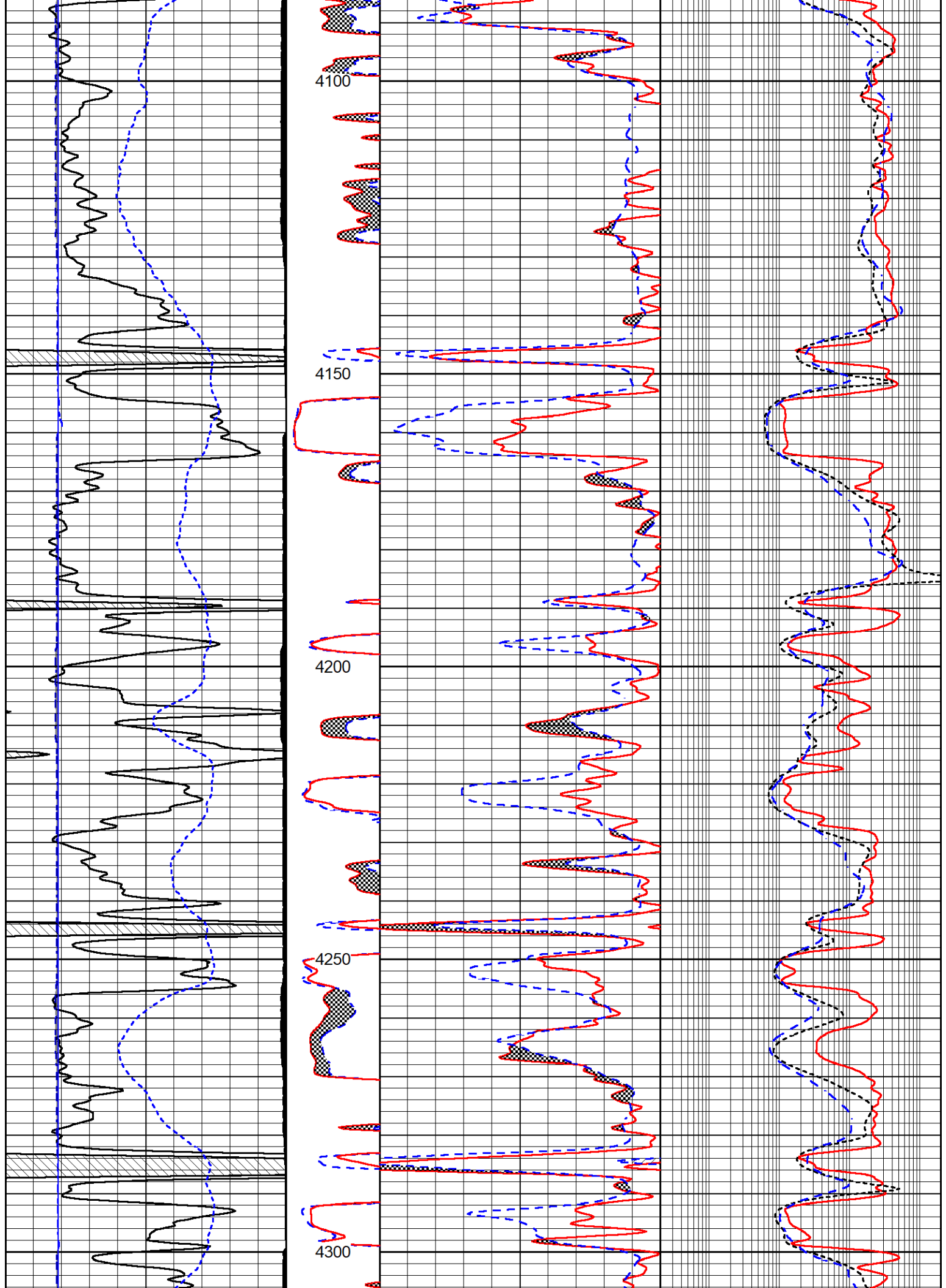
Database File ritchie_scheurmanhrbek trust 1.db
Dataset Pathname stkml/pass3.1
Presentation Format RITCHC~1
Dataset Creation Sun Dec 05 03:53:46 2021
Charted by Depth in Feet scaled 1:240

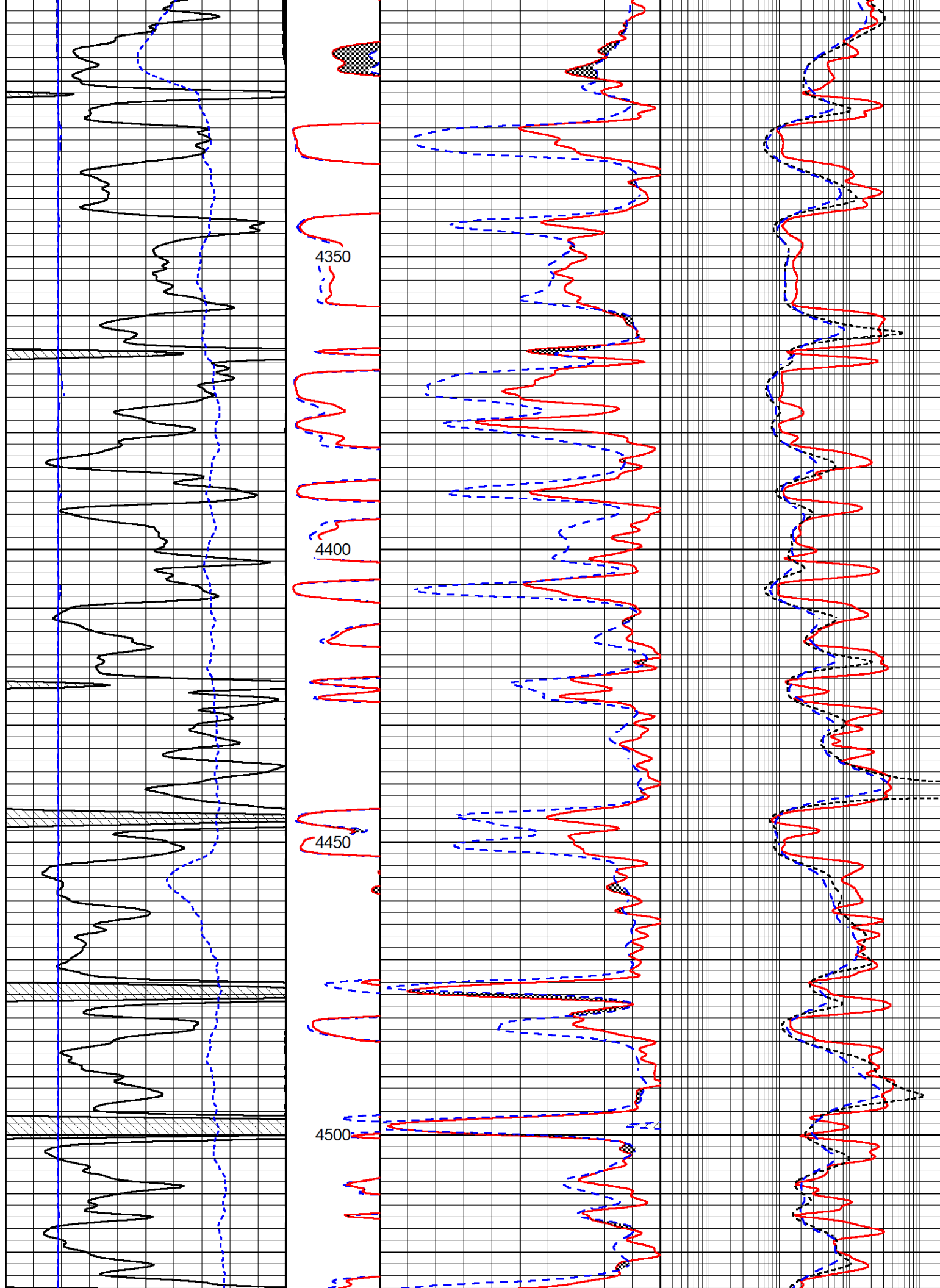
0	Gamma Ray (GAPI)	150	MN	30	Compensated Density (pu)	0	Shallow Resistivity		
6	Caliper (in)	16	(Ohm-m)	30	Compensated Neutron (pu)	0	0.2	(Ohm-m)	2000
-200	SP (mV)	0	0	20			Medium Resistivity		
			MI				0.2	(Ohm-m)	2000
			(Ohm-m)				0.2	Deep Resistivity (Ohm-m)	2000
			0	20					

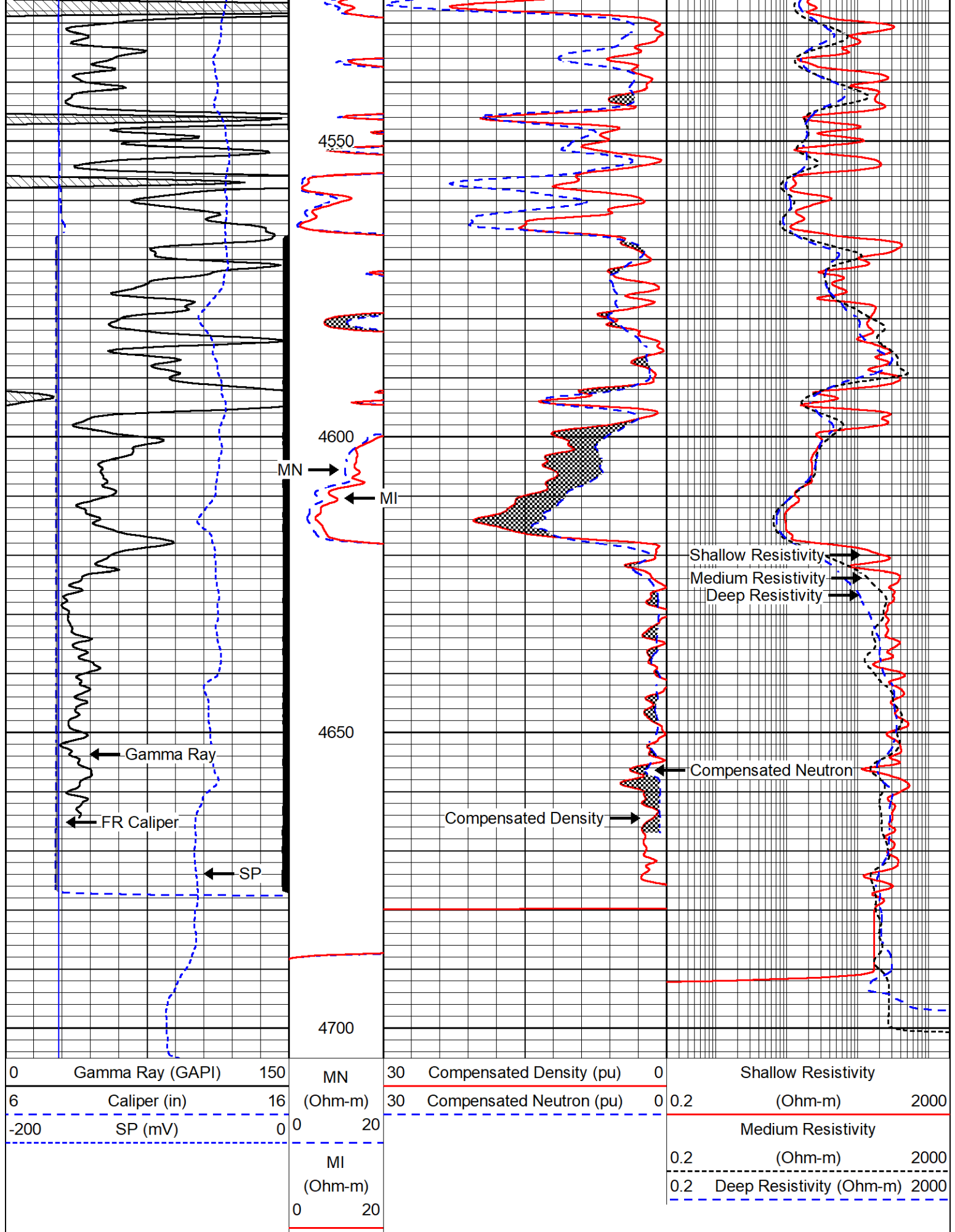












REPEAT SECTION



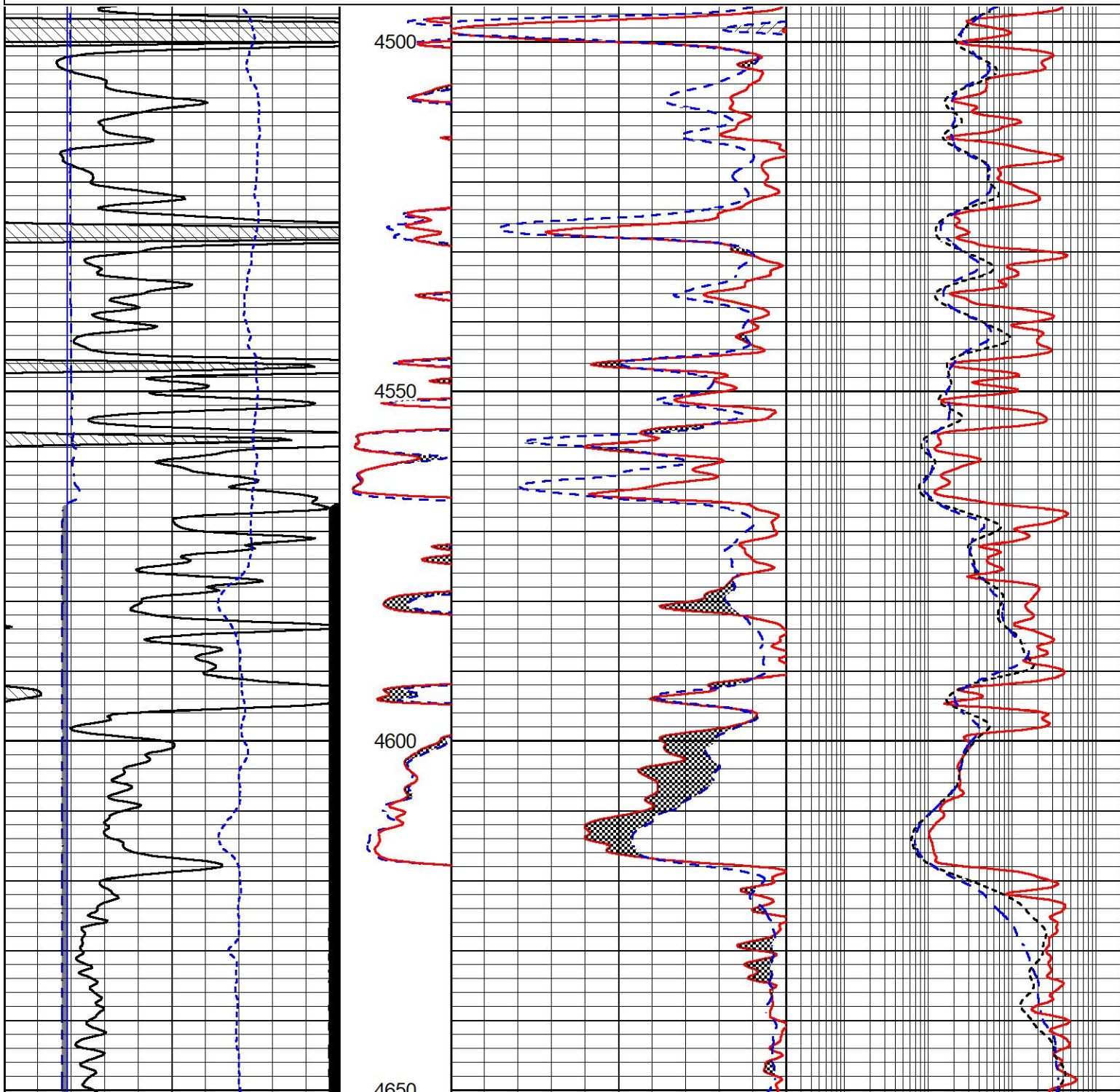
MIDWEST WIRELINE

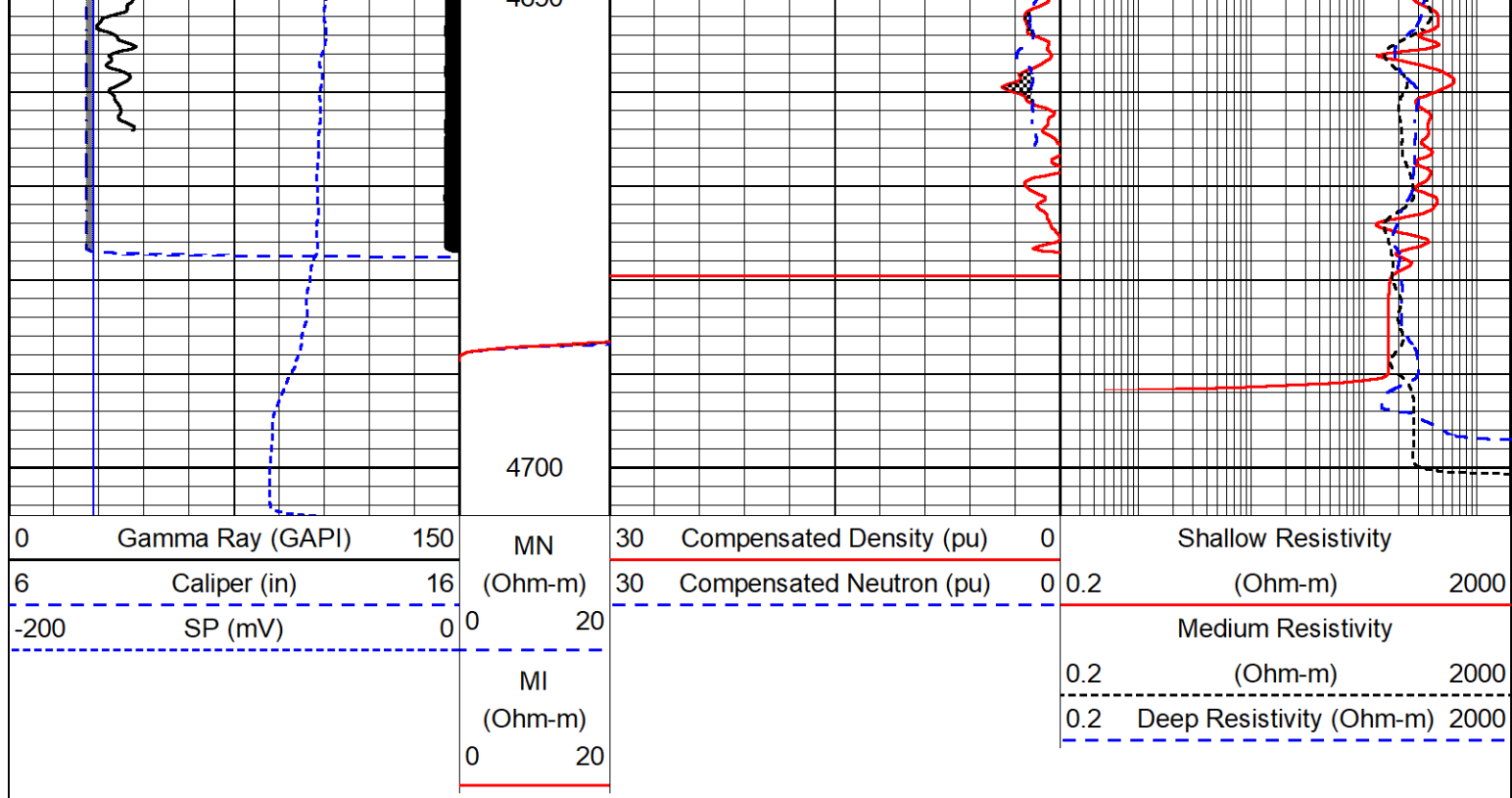
REPEAT SECTION

REPEAT PASS

Database File ritchie_scheurmanhrbek trust 1.db
Dataset Pathname stkml/pass2.1
Presentation Format RITCHC~1
Dataset Creation Sun Dec 05 03:13:27 2021
Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	MN	30	Compensated Density (pu)	0	Shallow Resistivity	
6	Caliper (in)	16	(Ohm-m)	30	Compensated Neutron (pu)	0	(Ohm-m)	2000
-200	SP (mV)	0	0	20			Medium Resistivity	
			MI				0.2 (Ohm-m)	2000
			(Ohm-m)				0.2 Deep Resistivity (Ohm-m)	2000
			0	20				





Calibration Report							
Database File	ritchie_scheurmanhrbek trust 1.db						
Dataset Pathname	stkml/pass3.5						
Dataset Creation	Sun Dec 05 03:07:33 2021						
Dual Induction Calibration Report							
Serial-Model:		952-828-PSI HIGH TEMP					
Surface Cal Performed:		Thu Nov 18 18:13:13 2021					
Loop:	Readings		References			Results	
	Air	Loop	Air	Loop		m	b
Deep	83.639	487.104	0.000	183.000	mmho/m	0.435	-32.500
Medium	113.335	1585.690	0.000	442.000	mmho/m	0.300	-32.000
Microlog Calibration Report							
Serial-Model:		PSI-01-PSIML					
Performed:		Wed Dec 1 16:06:14 2021					
	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0000	1.0000	0.0000	1.0000	Ohm-m	9000.0000	-0.8000
Inverse	0.0000	1.0000	0.0000	1.0000	Ohm-m	9000.0000	-0.4000
Caliper	1.0052	1.0858	5.0000	16.5000	in	142.7190	-139.2500
Compensated Density Calibration Report							
Serial-Model:		934-226-M&W					
Source #:		20762B					
Master Calibration Performed:		Tue Nov 16 13:52:04 2021					

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	3330.50	2332.69	cps
Aluminum	2.650	g/cc	627.41	1482.87	cps
Spine Angle = 74.82			Density/Spine Ratio = 0.517		
	Size		Reading		
Small Ring	8.00	in	1.16		
Large Ring	13.00	in	1.01		

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:	233-M&W
Tool Model:	M&W
Performed:	Fri Dec 3 15:10:46 2021
Calibrator Value:	500.0 GAPI
Background Reading:	24.0 cps
Calibrator Reading:	637.0 cps
Sensitivity:	0.5500 GAPI/cps



Company	Ritchie Exploration, Inc.
Well	Scheuerman-Hrbek Trust #1
Field	
County	Scott
State	Kansas