



DUAL COMPENSATED
POROSITY w/PE

MIDWEST WIRELINE

Company Campbell Energy, LLC

Well Gibson #1

Field

County Barber State Kansas

Location: API #: 15-007-24488-00-00

SE NW NE NE
646 FNL & 674 FEL

Other Services
DIL/MEL

SEC 20 TWP 30S RGE 15W

Permanent Datum Ground Level Elevation 1770
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 1775
D.F. 1770
G.L. 1770

Date 12/31/2023

Run Number One

Type Log CNL/CDL

Depth Driller 4739

Depth Logger 4740

Bottom Logged Interval 4711

Top Logged Interval 2800

Type Fluid In Hole Chemical

Salinity, PPM CL 5000

Density 9.3

Level Full

Max. Rec. Temp. F 123

Operating Rig Time 3 Hours

Equipment -- Location 110 Hays

Recorded By D. Schmidt

Witnessed By Eli Felts

Borehole Record

Run No. Bit From To Size Wgt. From To

One 12.25 0 892 8.625 23 0 892

Two 7.875 892 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.

Croft,
South to River Rd,
about 1 mile East, North 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: Eli Felts
Secondary Witness:
Secondary Witness:
Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.23		GR-M&W (105)	3.00	3.50	50.00
CNLSC	37.13		CNT-M&W (210)	5.00	3.50	100.00
CNSSC	36.38					
			MWLith-STEP LITHO Short (701-01)	8.40	5.00	250.00
LCAL	28.21		ML-PSI STKBL ML (402)	7.58	4.00	65.00
LLW8N	28.21					
LLW7N	28.21					
LLW6N	28.21					
LLW5N	28.21					
LLW4N	28.21					
LLW3N	28.21					
LLW2N	28.21					
LLW1N	28.21					
LSLOCK	27.96					
LLLOCK	27.96					
PELTMPR	27.96					
LSHVNG	27.96					
LLHVNG	27.96					
LSW8N	27.71					
LSW7N	27.71					
LSW6N	27.71					
LSW5N	27.71					
LSW4N	27.71					
LSW3N	27.71					
LSW2N	27.71					
LSW1N	27.71					
MCAL	19.58		DIL-M&W (505 HT)	18.25	3.50	220.00
MI	19.58					
MN	19.58					
RLL3F	15.50					
RLL3	15.50					
CILD	8.33					
CILM	4.50					
SP	0.20					
Dataset: campbell_gibson 1.db: field/well/stkml/pass3.5 Total length: 42.23 ft Total weight: 685.00 lb O.D.: 5.00 in						

Log Variables

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

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	119	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m	mmho/m	mV	degF	Off	ft
		-3	5	130	40		4740

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

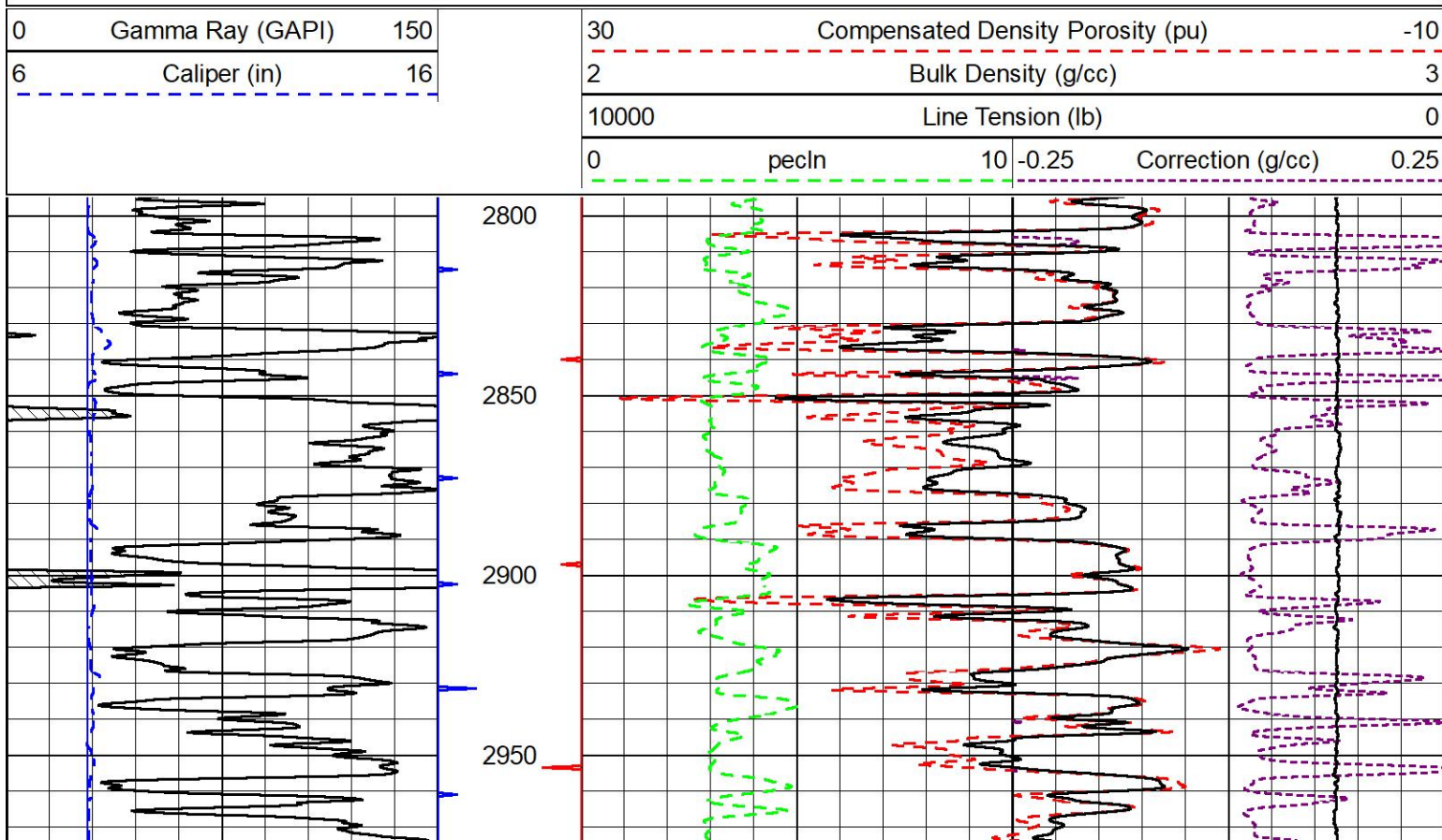
NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

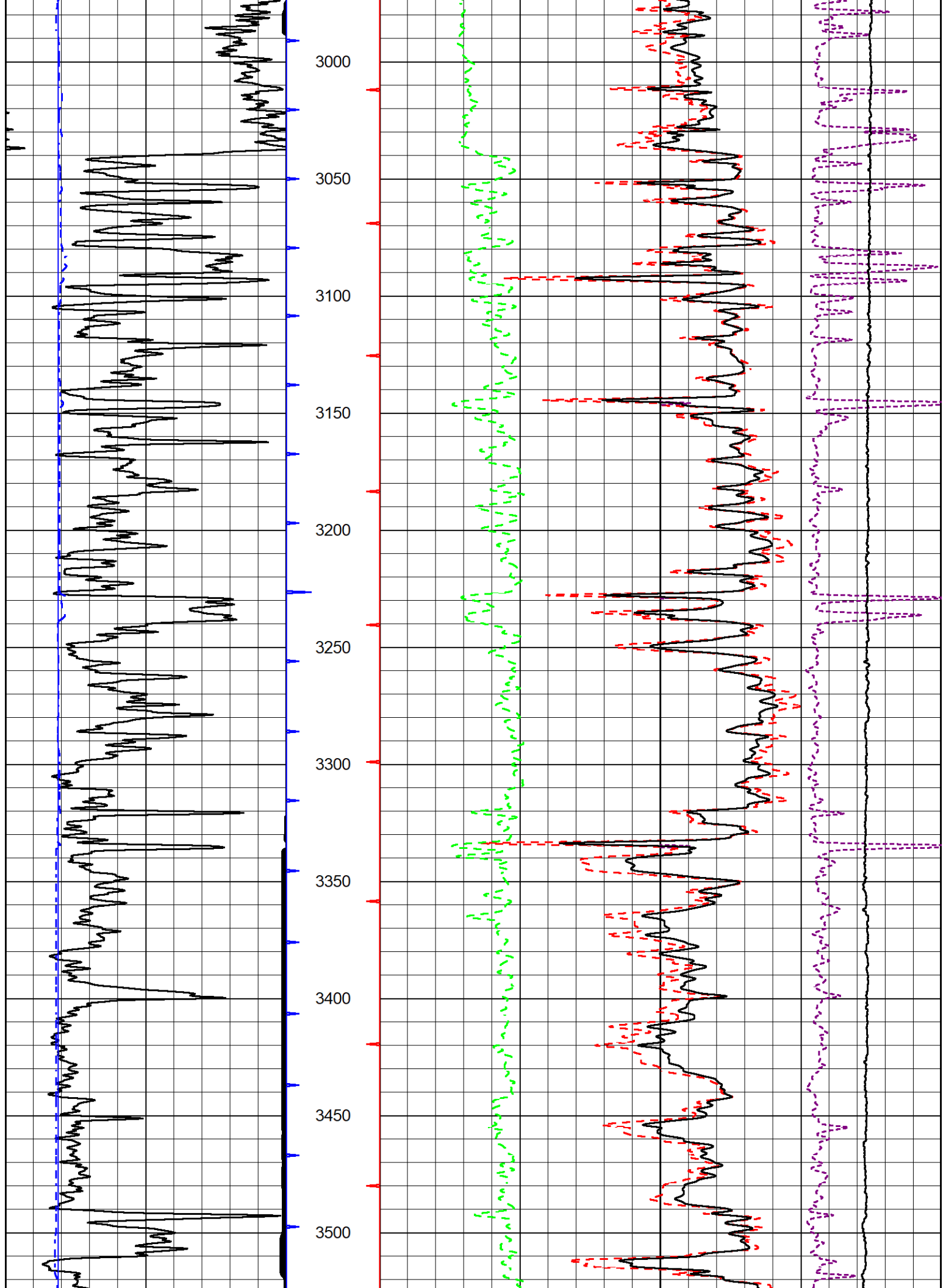


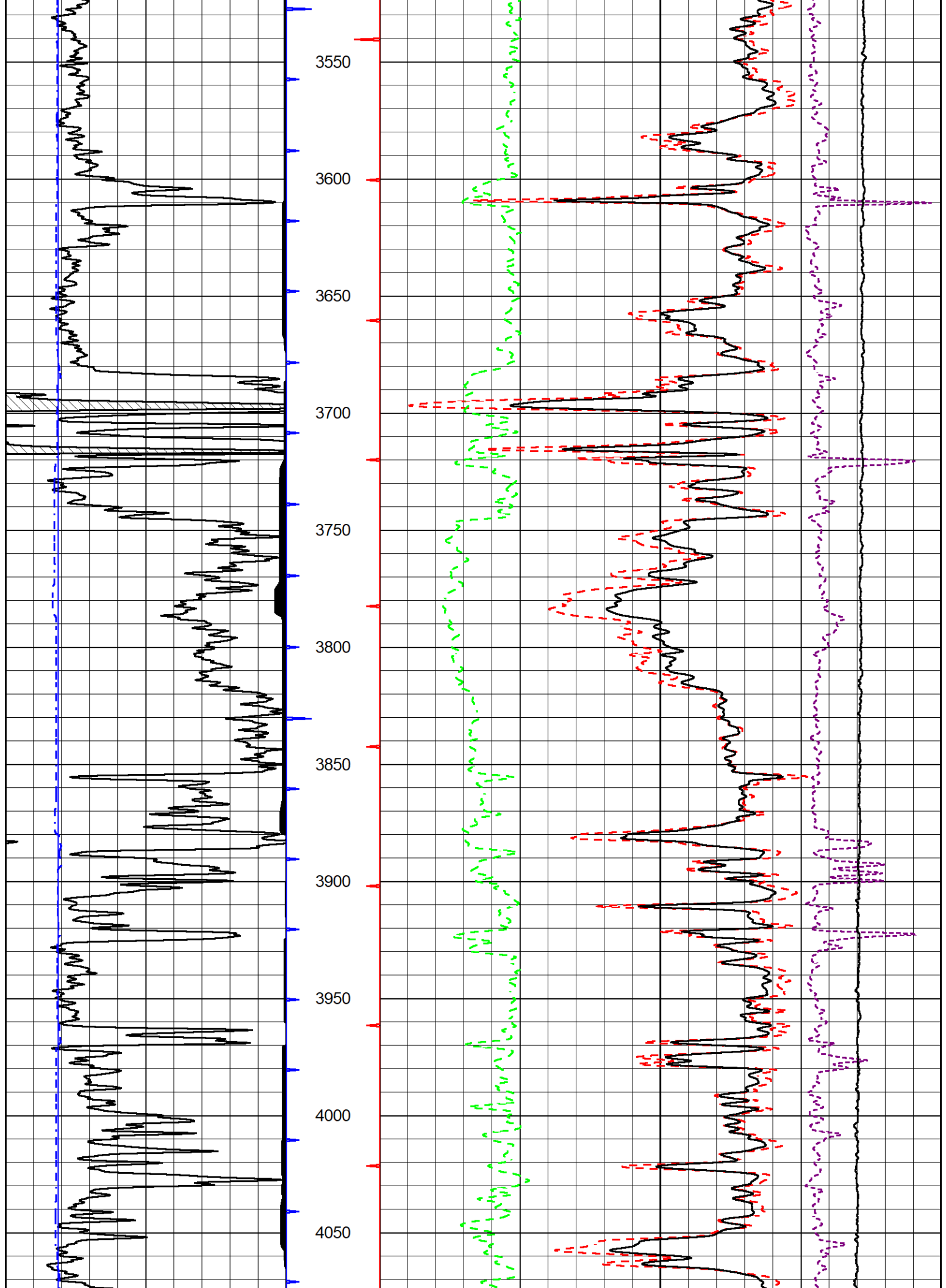
2" SCALE BULK DENSITY

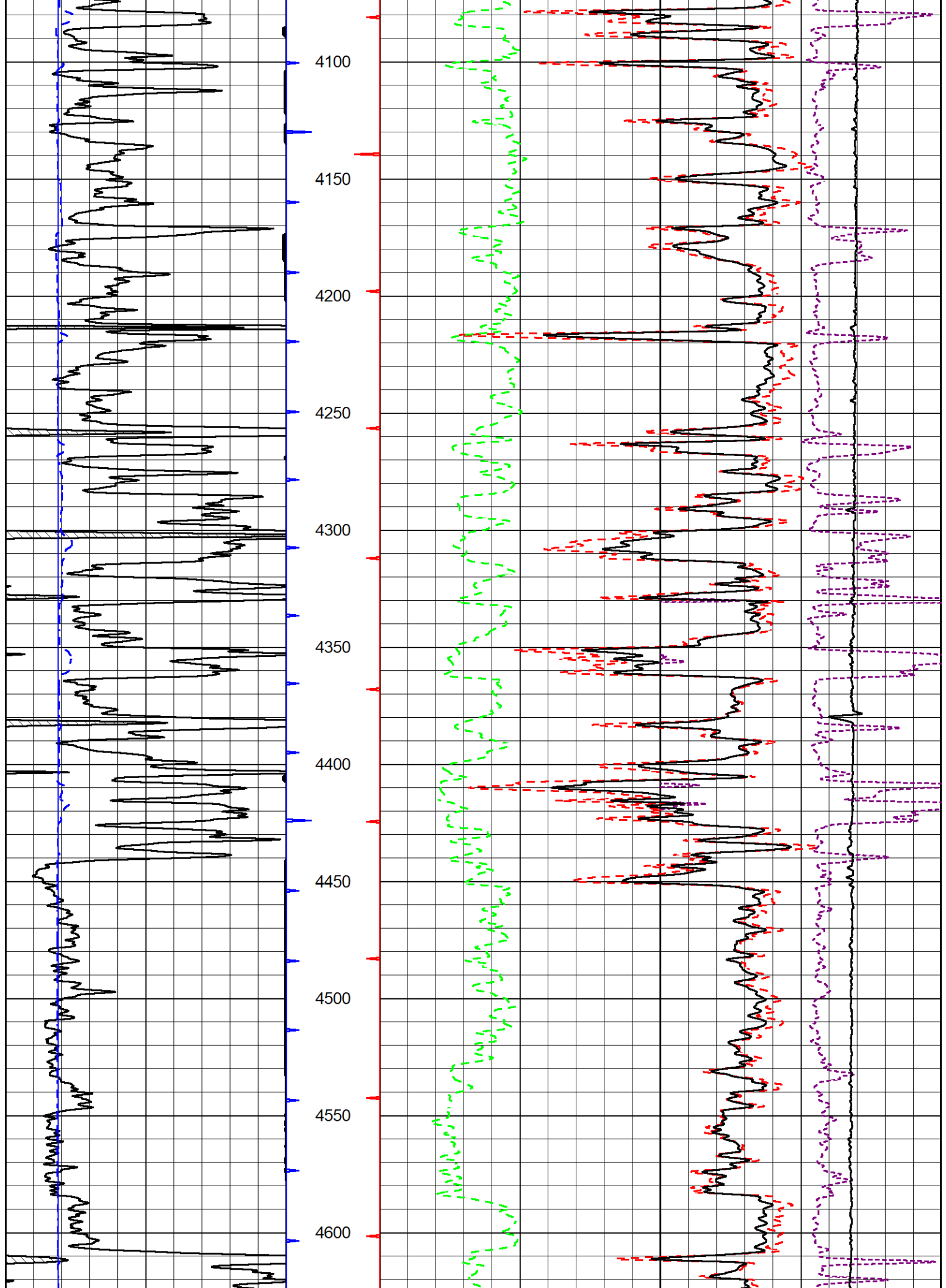
MAIN PASS

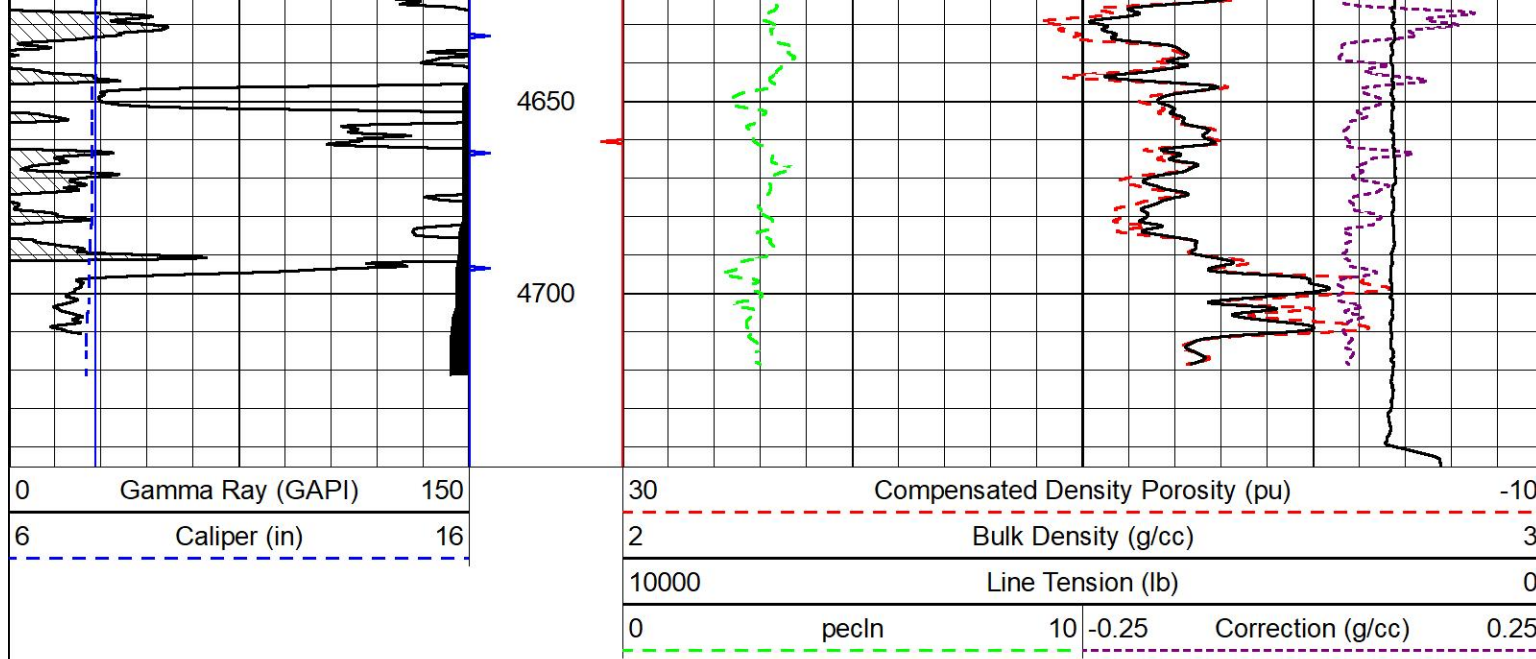
Database File campbell_gibson 1.db
Dataset Pathname stkml/pass3.2
Presentation Format _cdlpe
Dataset Creation Sun Dec 31 15:51:48 2023
Charted by Depth in Feet scaled 1:600









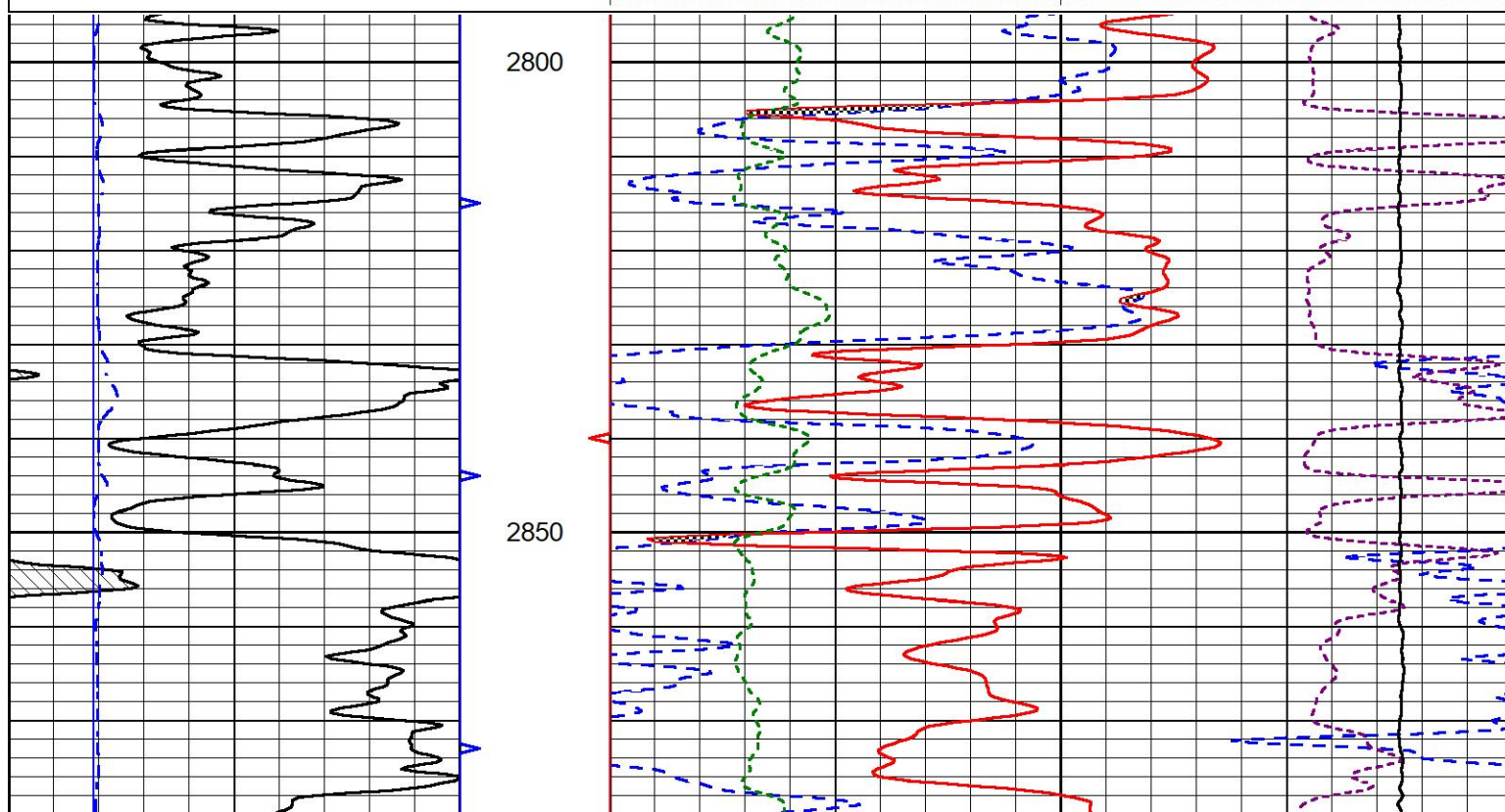
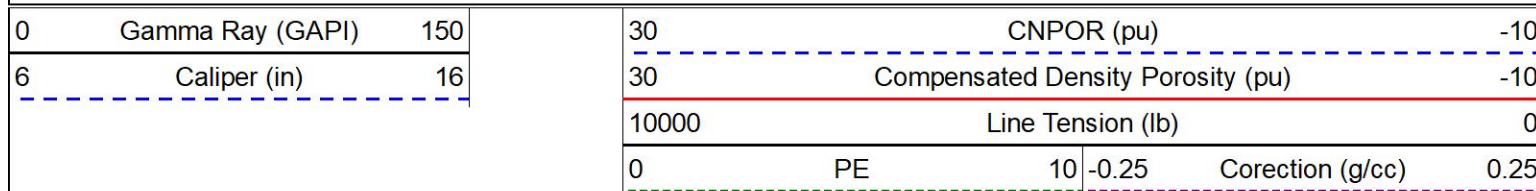


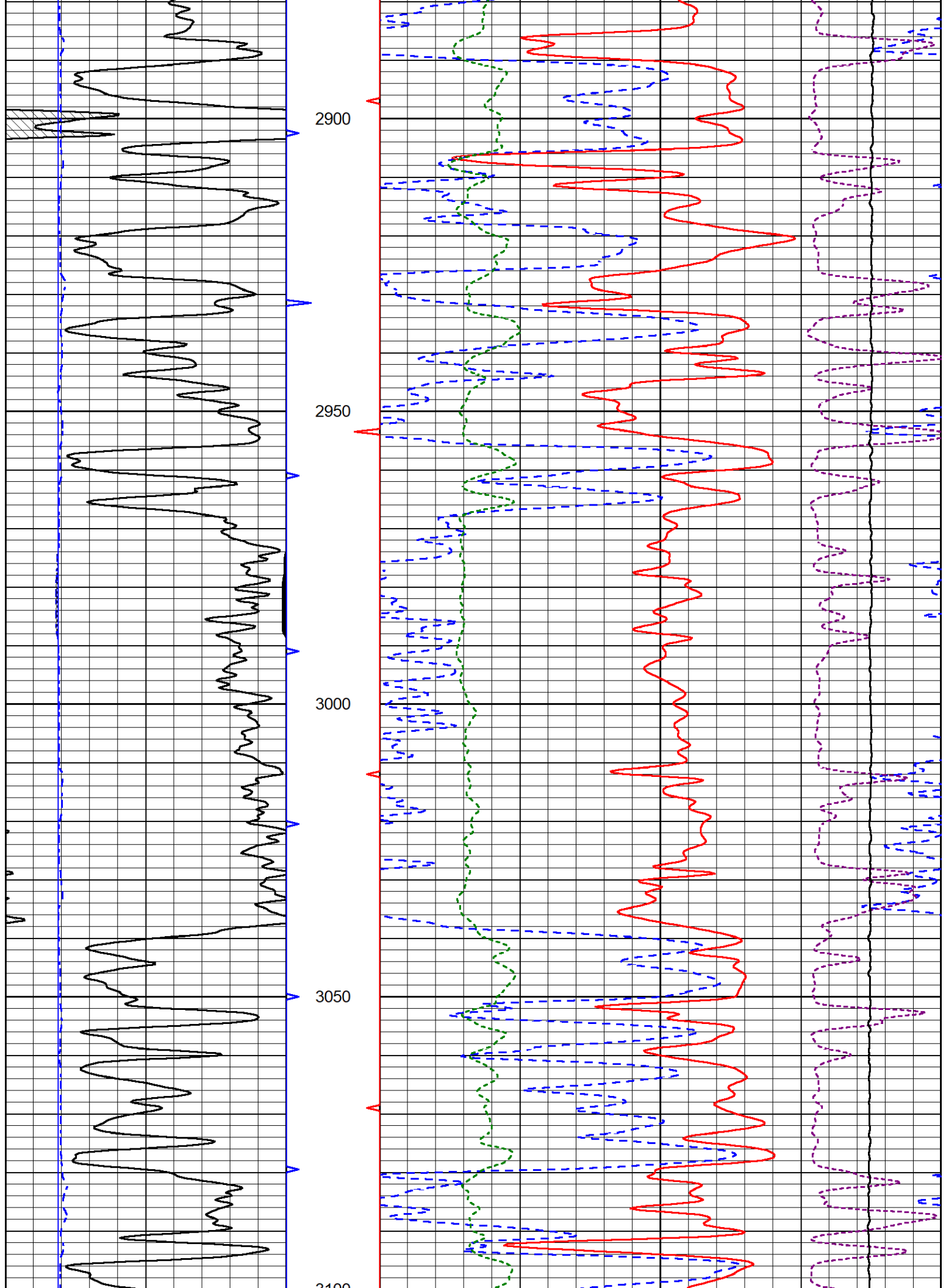
MIDWEST WIRELINE

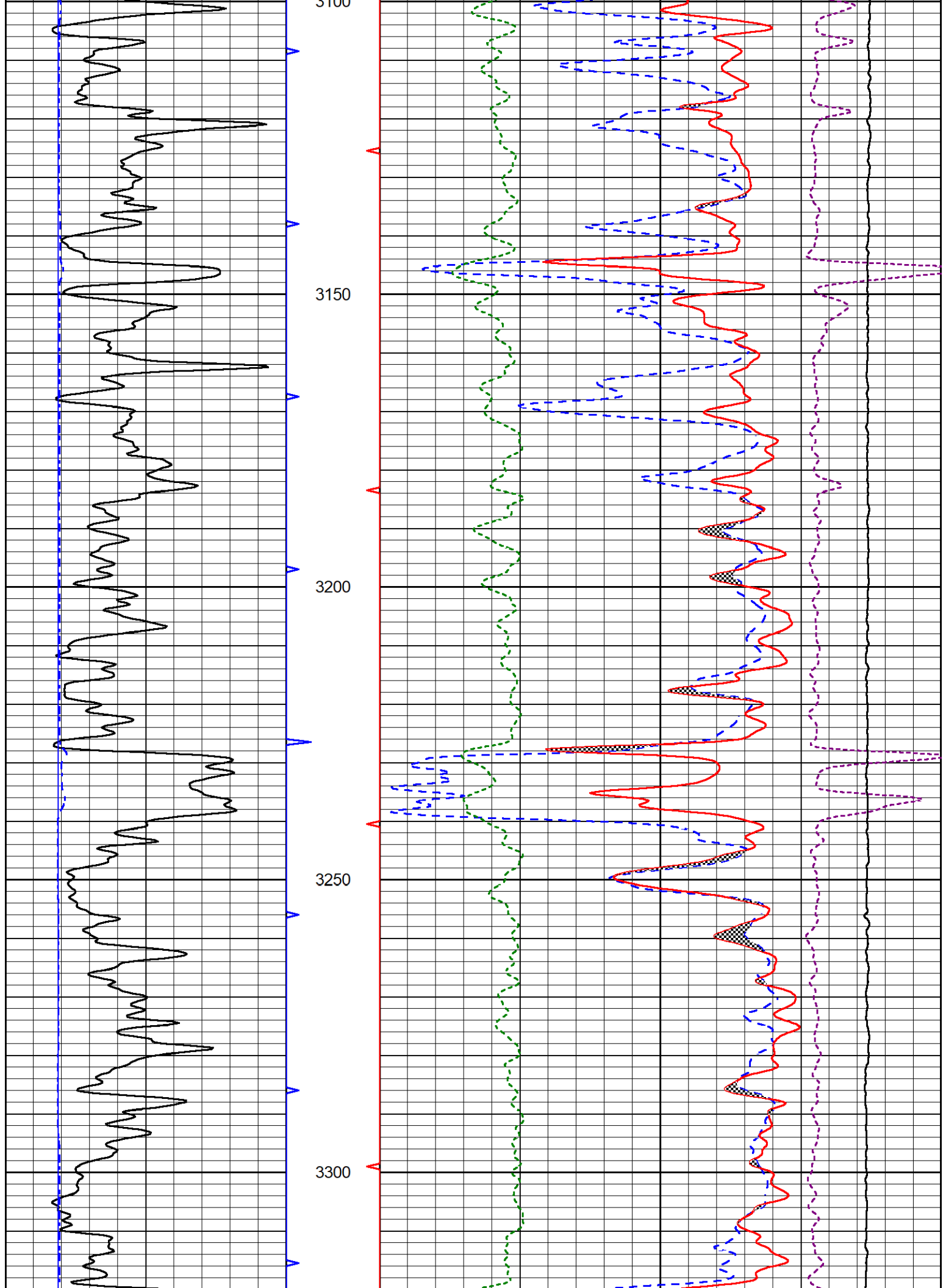
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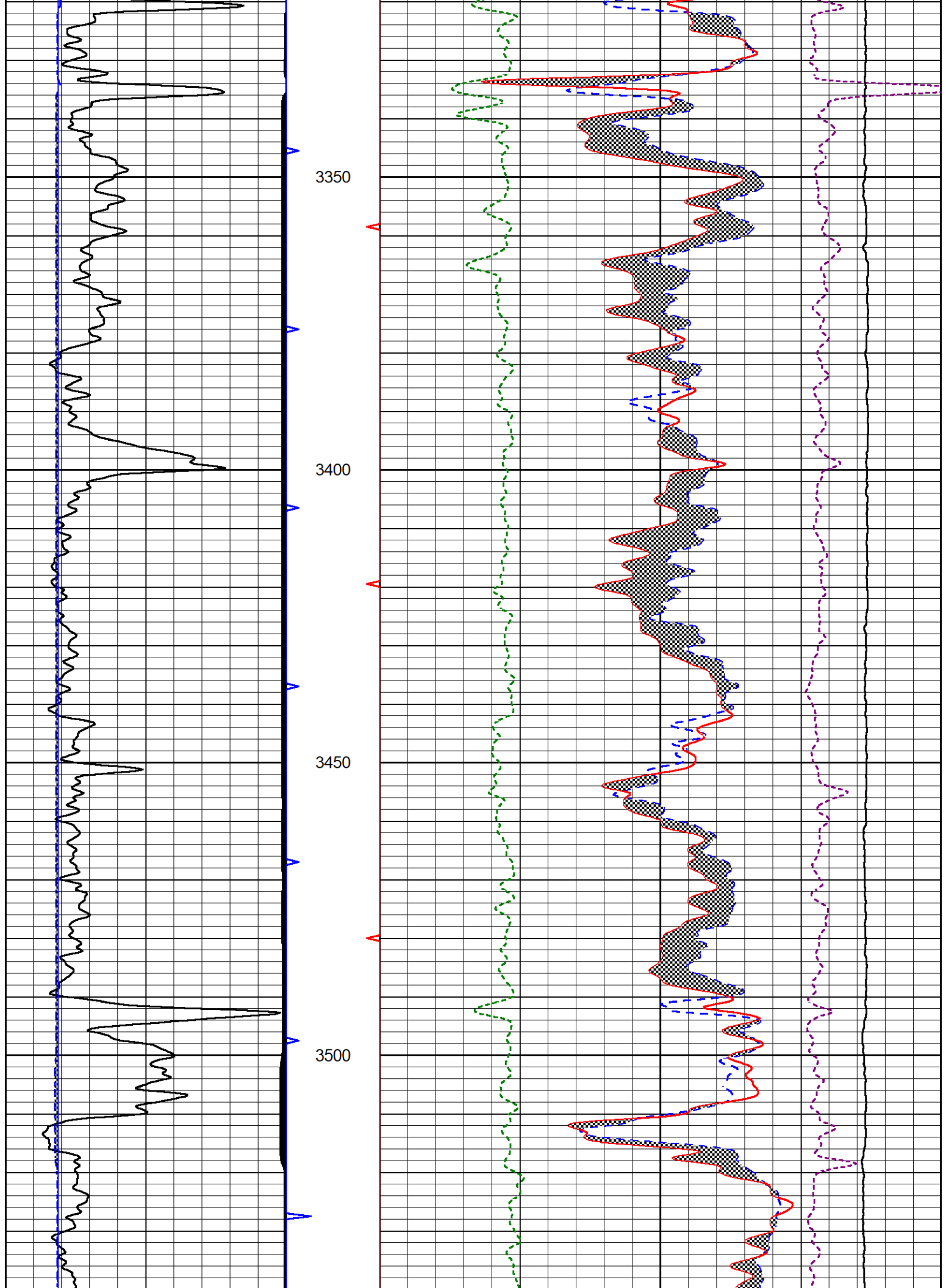
MAIN PASS

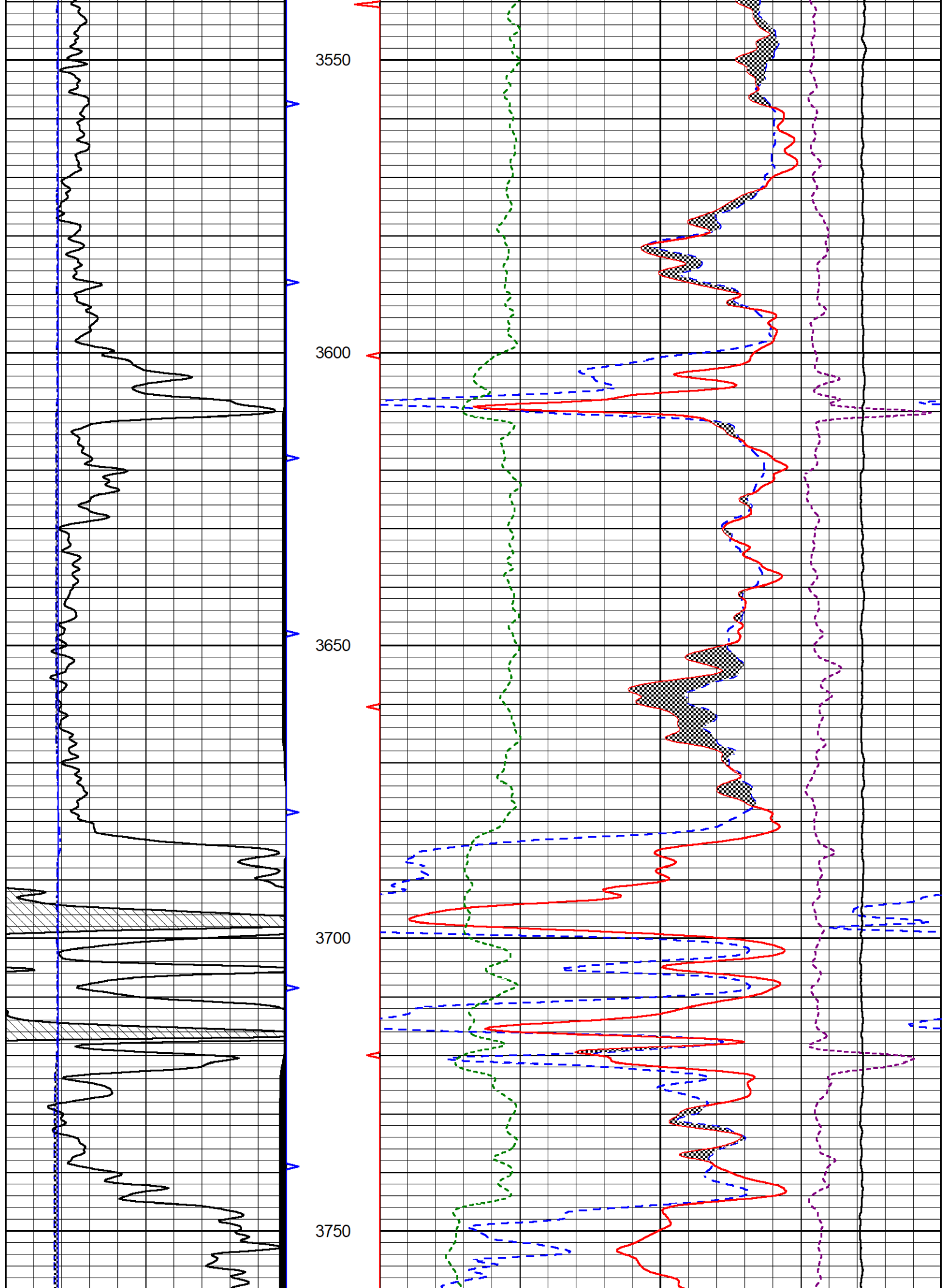
Database File: campbell_gibson 1.db
 Dataset Pathname: stkm1/pass3.5
 Presentation Format: _CNDLS~2
 Dataset Creation: Sun Dec 31 15:52:06 2023
 Charted by: Depth in Feet scaled 1:240

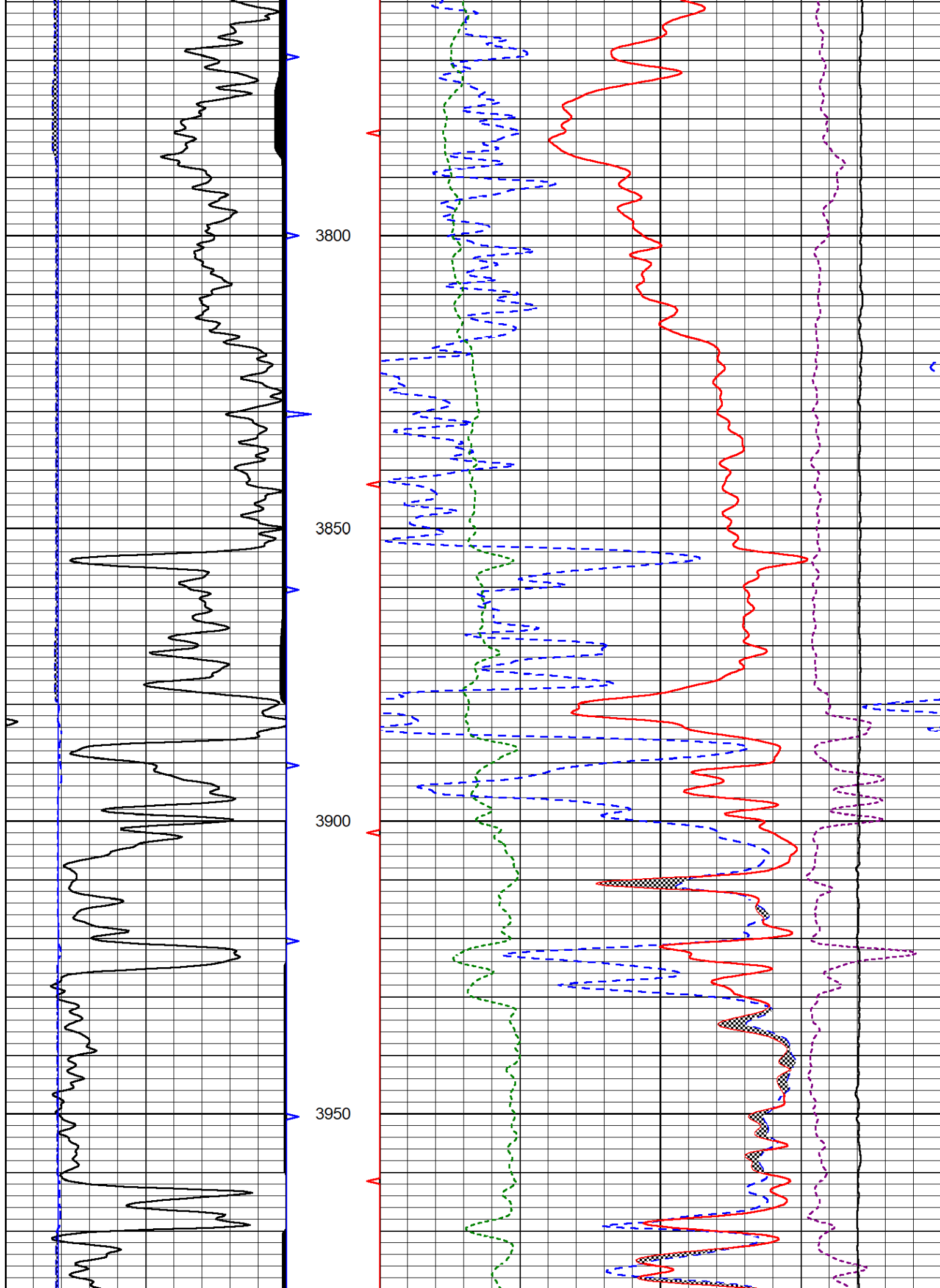


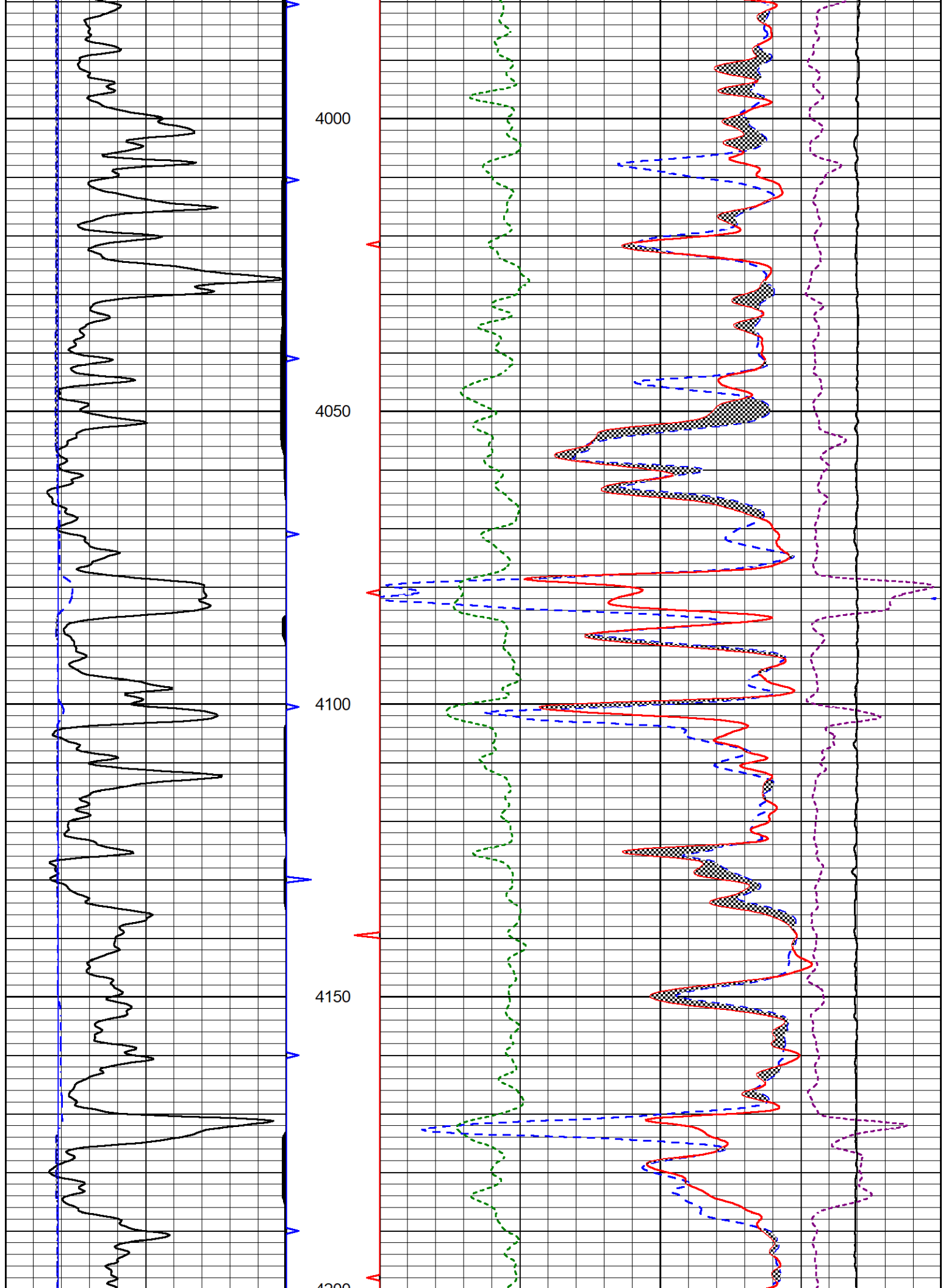


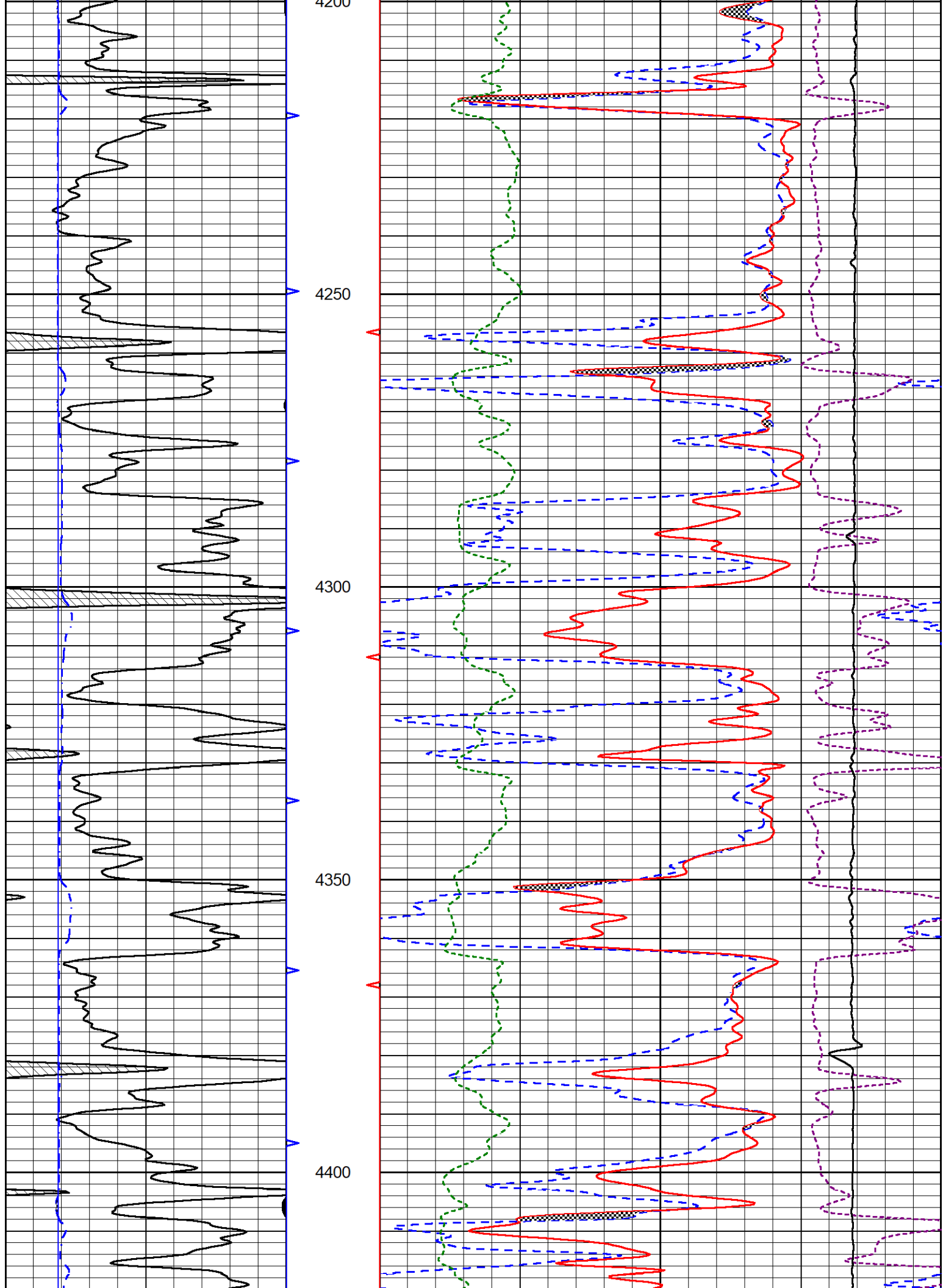


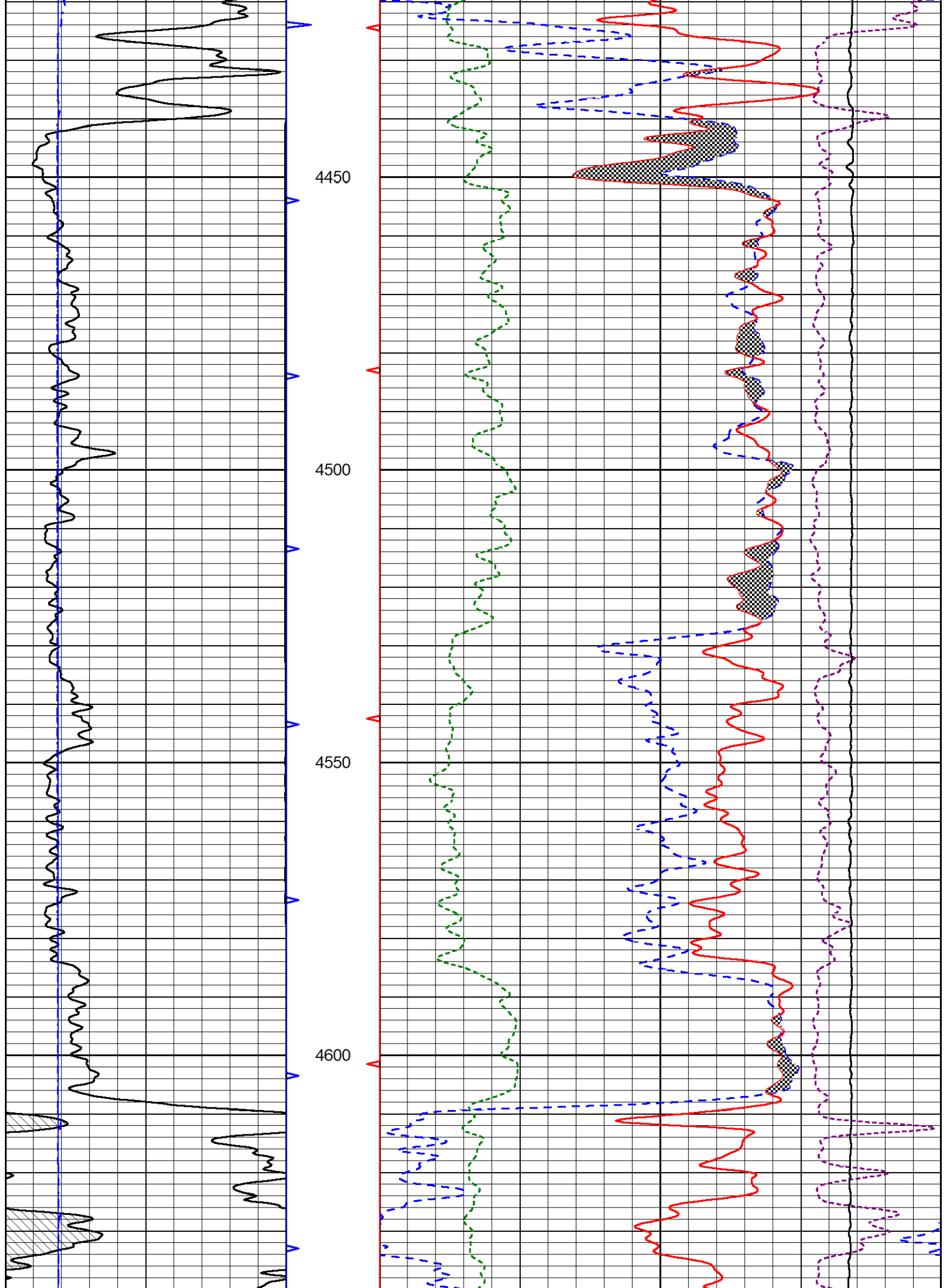


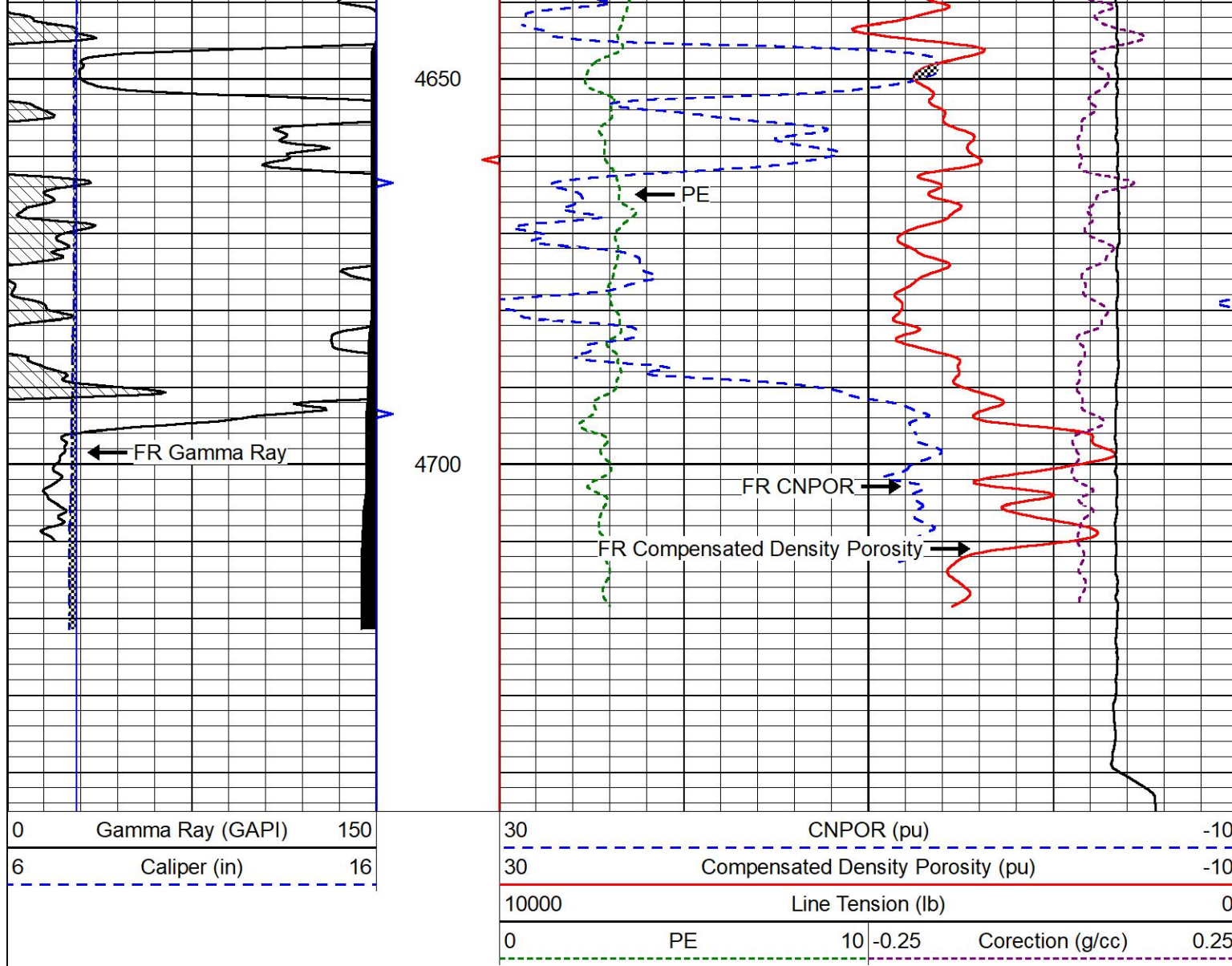










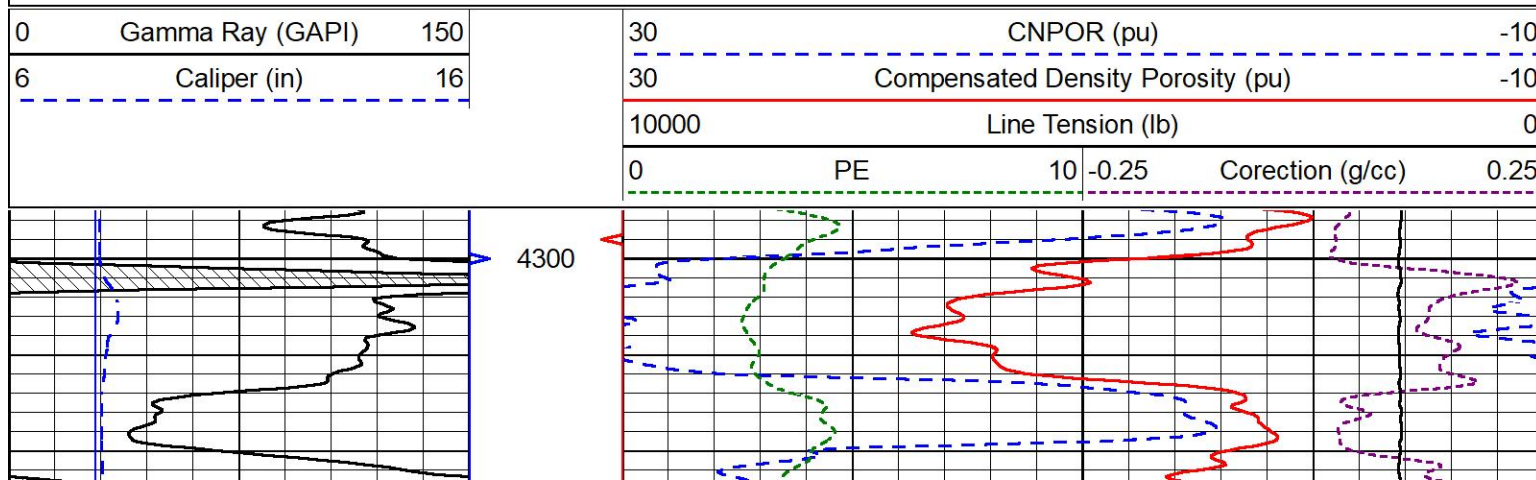


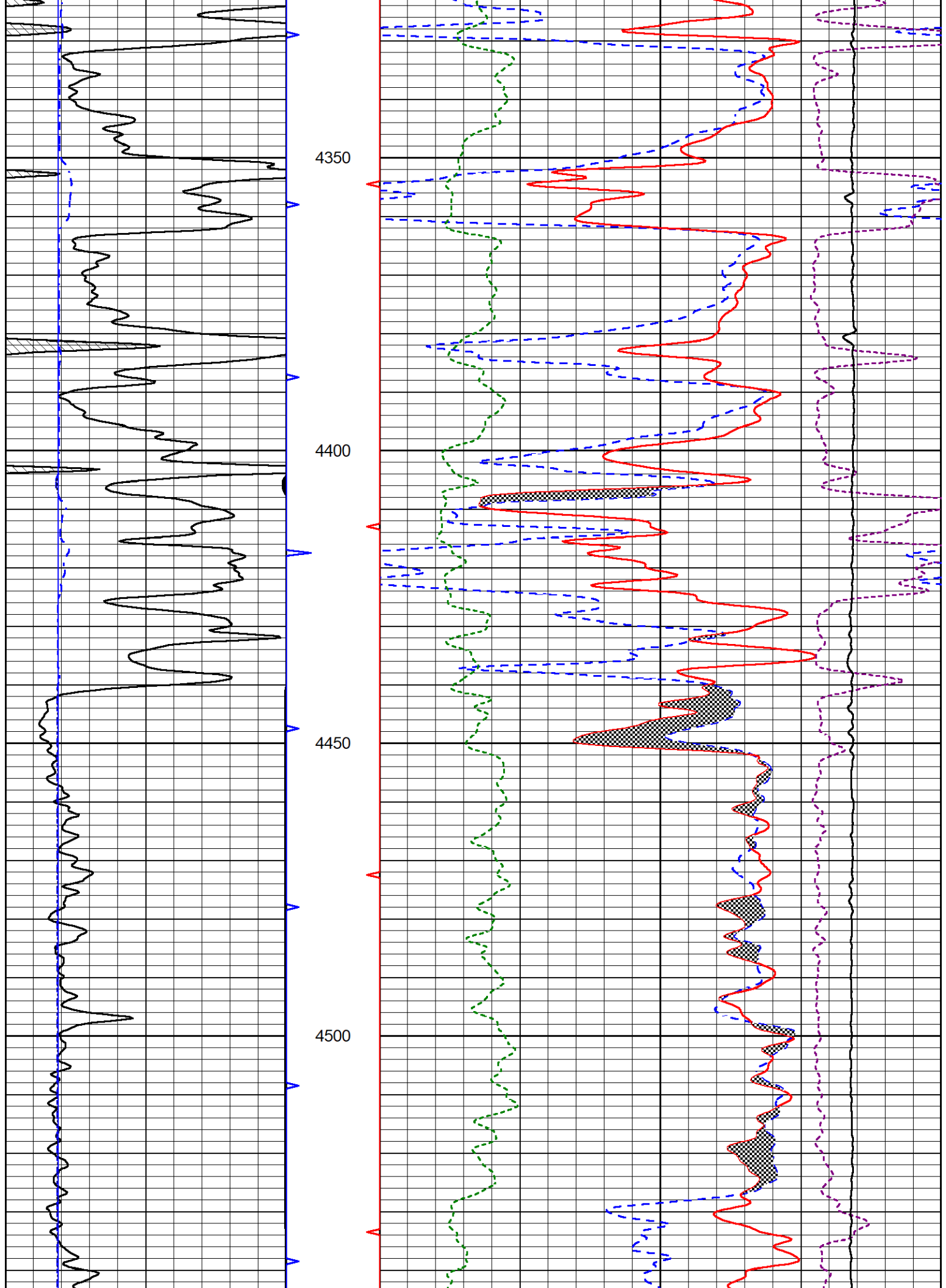
MIDWEST WIRELINE

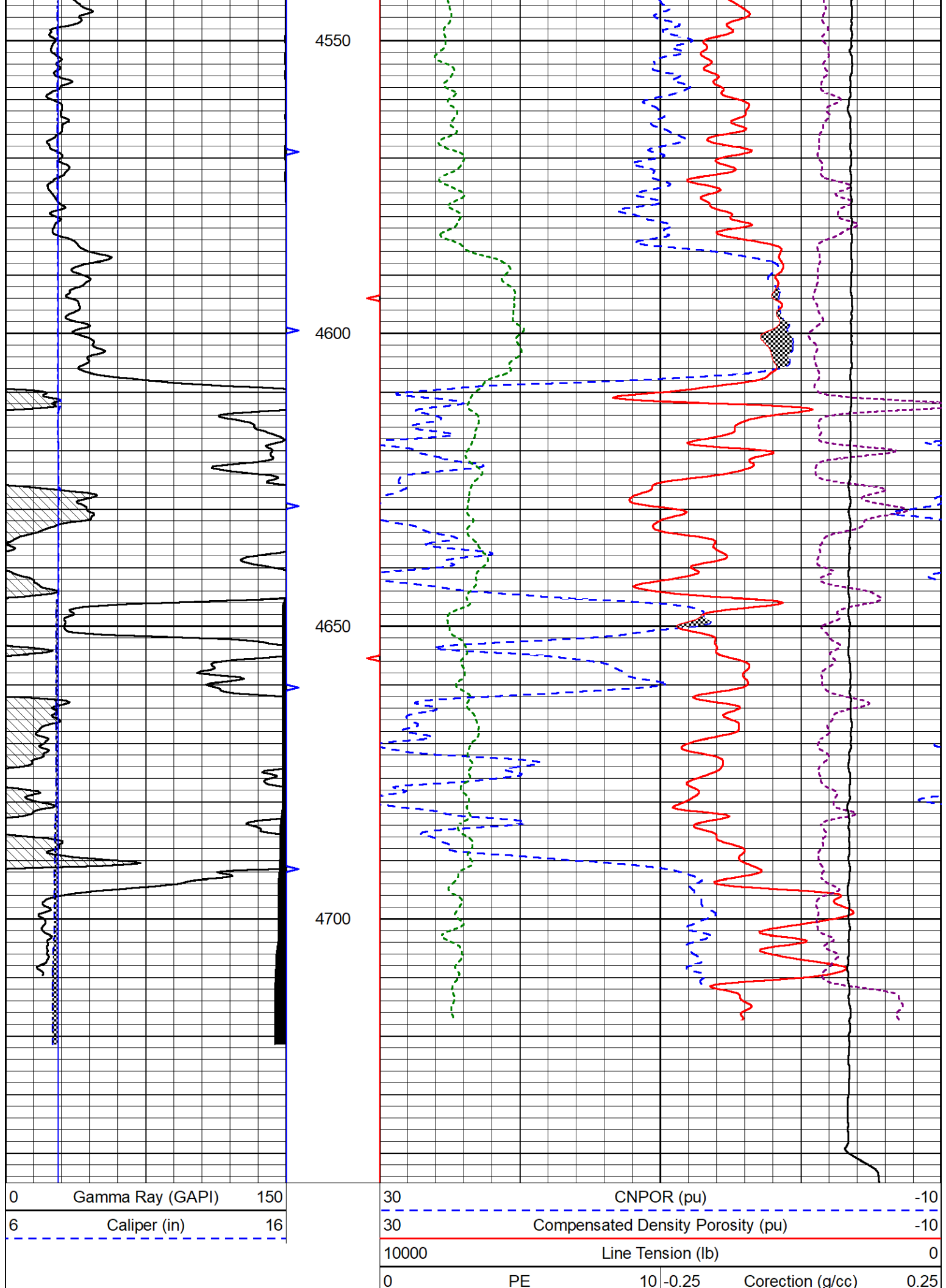
REPEAT SECTION

REPEAT PASS

Database File campbell_gibson 1.db
 Dataset Pathname stkml/pass2.1
 Presentation Format _CNDLS~2
 Dataset Creation Sun Dec 31 15:56:19 2023
 Charted by Depth in Feet scaled 1:240







Database File	campbell_gibson 1.db
Dataset Pathname	stkml/pass3.5
Dataset Creation	Sun Dec 31 15:52:06 2023

Serial-Model: 505 HT-M&W
Surface Cal Performed: Thu Nov 9 13:00:56 2023

		Readings		References		Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	167.000	835.000	0.000	255.800	mmho/m	0.550	-56.000
Medium	1348.000	1348.000	0.000	255.800	mmho/m	0.450	-55.000

Serial-Model: 402-PSI STKBL ML
Performed: Sat Dec 2 02:32:23 2023

	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0037	0.0043	0.0000	10.0000	Ohm-m	17500.0000	-0.5000
Inverse	0.1208	0.0013	0.0000	10.0000	Ohm-m	18500.0000	0.0000
Caliper	1.0046	1.1419	5.5000	20.0000	in	50.0000	-44.5500

Serial Number: 701-01
Tool Model: STEP LITHO Short
Performed: Fri Dec 15 13:02:54 2023

	Win1	Win2	Win3	Win4	Win5	Win6	Win7	Win8	
Background:									
SS:	50	53	200	252	23	67	44	1	cps
LS:	78	88	332	424	48	131	87	3	cps

Aluminum:									
SS:	1069	1323	3068	2763	51	72	47	3	cps
LS:	1171	2261	4196	1923	57	133	82	6	cps

Magnesium:									
SS:	1756	2109	4999	4049	59	72	48	5	cps
LS:	4803	8914	16228	6562	125	123	85	17	cps

Aluminum+Iron:								
SS:	682	909	2535	2363	47	72	47	3 cps
LS:	682	1582	3537	1707	57	132	82	5 cps

	Density			PE	
	Actual	Calibrated		Actual	Calibrated Quality
Background:					
SS:					0.201
LS:					0.203
Aluminum:					
SS:	2.6000	2.6000	g/cc		0.208
LS:	2.6000	2.6000	g/cc		0.236

Magnesium:	SS:	1.6800	1.6800	g/cc	2.5700	2.5700	0.205
	LS:	1.6800	1.6800	g/cc	2.5700	2.5700	0.183
Aluminum+Iron:	SS:				6.1800		0.210
	LS:				6.1800		0.234

Caliper:	Reference:	Reading:
Small Ring:	6.0 in	0.2
Large Ring:	16.0 in	0.8
Gain:	14.000	
Offset:	1.955	

Compensated Neutron Calibration Report
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Serial Number:	210
Tool Model:	M&W

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

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Gamma Ray Calibration Report

Serial Number:	105	
Tool Model:	M&W	
Performed:	Sat Oct 21 23:48:19 2023	
Calibrator Value:	500.0	GAPI
Background Reading:	24.0	cps
Calibrator Reading:	637.0	cps
Sensitivity:	0.6000	GAPI/cps

	Company	Campbell Energy, LLC
	Well	Gibson #1
	Field	
	County	Barber
	State	Kansas