



MIDWEST WIRELINE

**DUAL COMPENSATED
POROSITY W/PE**

Company Griffin Management LLC
Well Madelyn 1
Field Turkey Creek East
County Barber State Kansas

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 Well Madelyn 1
 Field Turkey Creek East
 County Barber
 State Kansas

Location: API #: 15-007-24499-00-00
 990 FSL & 330 FEL
 SEC 16 TWP 30S RGE 15W
 Permanent Datum Ground Level Elevation 1897
 Log Measured From Kelly Bushing
 Drilling Measured From Kelly Bushing
 Other Services
 DIL
 MEL
 Elevation
 K.B. 1902
 D.F.
 G.L. 1897

Date	7/12/2024						
Run Number	One						
Type Log	CNL/CDL						
Depth Driller	4867						
Depth Logger	4867						
Bottom Logged Interval	4838						
Top Logged Interval	2800						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	5000						
Density	9.6						
Level	Full						
Max. Rec. Temp. F	125						
Operating Rig Time	3 Hours						
Equipment -- Location	110 Hays						
Recorded By	J. Henrickson						
Witnessed By	Eli Felts						
Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	1019	8.625	23	1019	
Two	7.875	1019	TD				

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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 Kansas
S to Y, 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: J. Henrickson
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

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

LSW5N	27.71		DIL-M&W (506)	18.25	3.50	220.00
LSW4N	27.71					
LSW3N	27.71					
LSW2N	27.71					
LSW1N	27.71					
MCAL	19.58					
MI	19.58					
MN	19.58					
RLL3F	15.50					
RLL3	15.50					
CILD	8.33					
CILM	4.50					
SP	0.20					

Dataset: griffin_madelyn_1.db: field/well/stackml/pass3.1
 Total length: 42.23 ft
 Total weight: 685.00 lb
 O.D.: 5.00 in

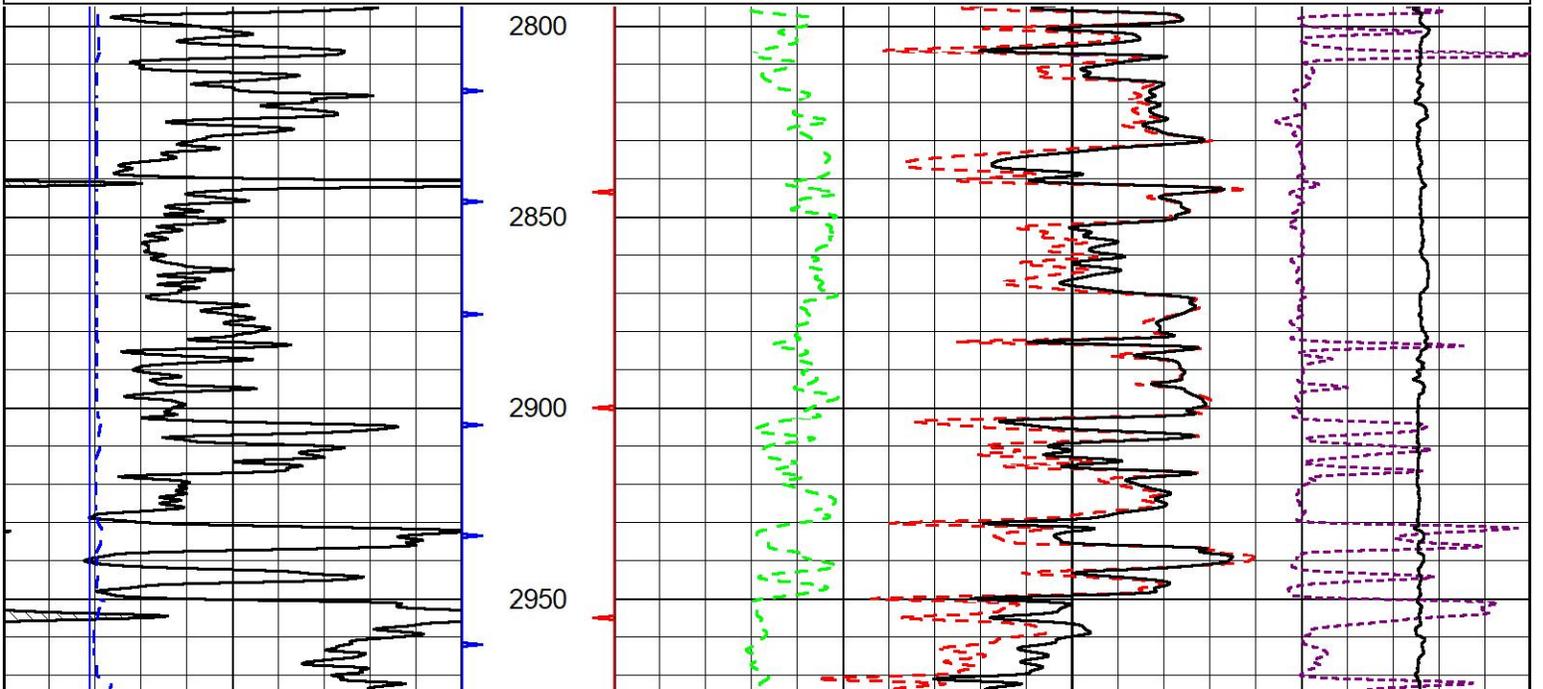


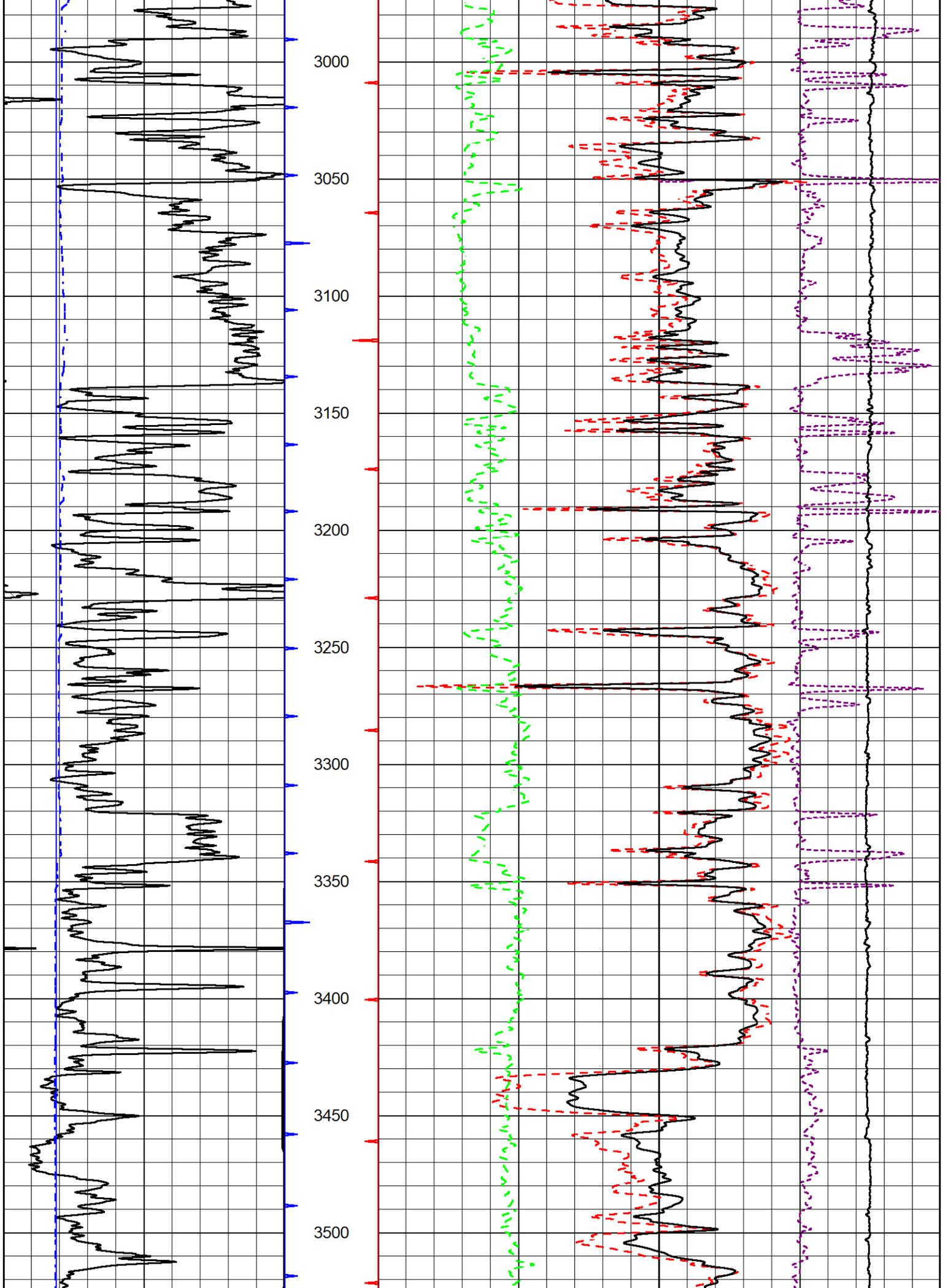
2" SCALE BULK DENSITY

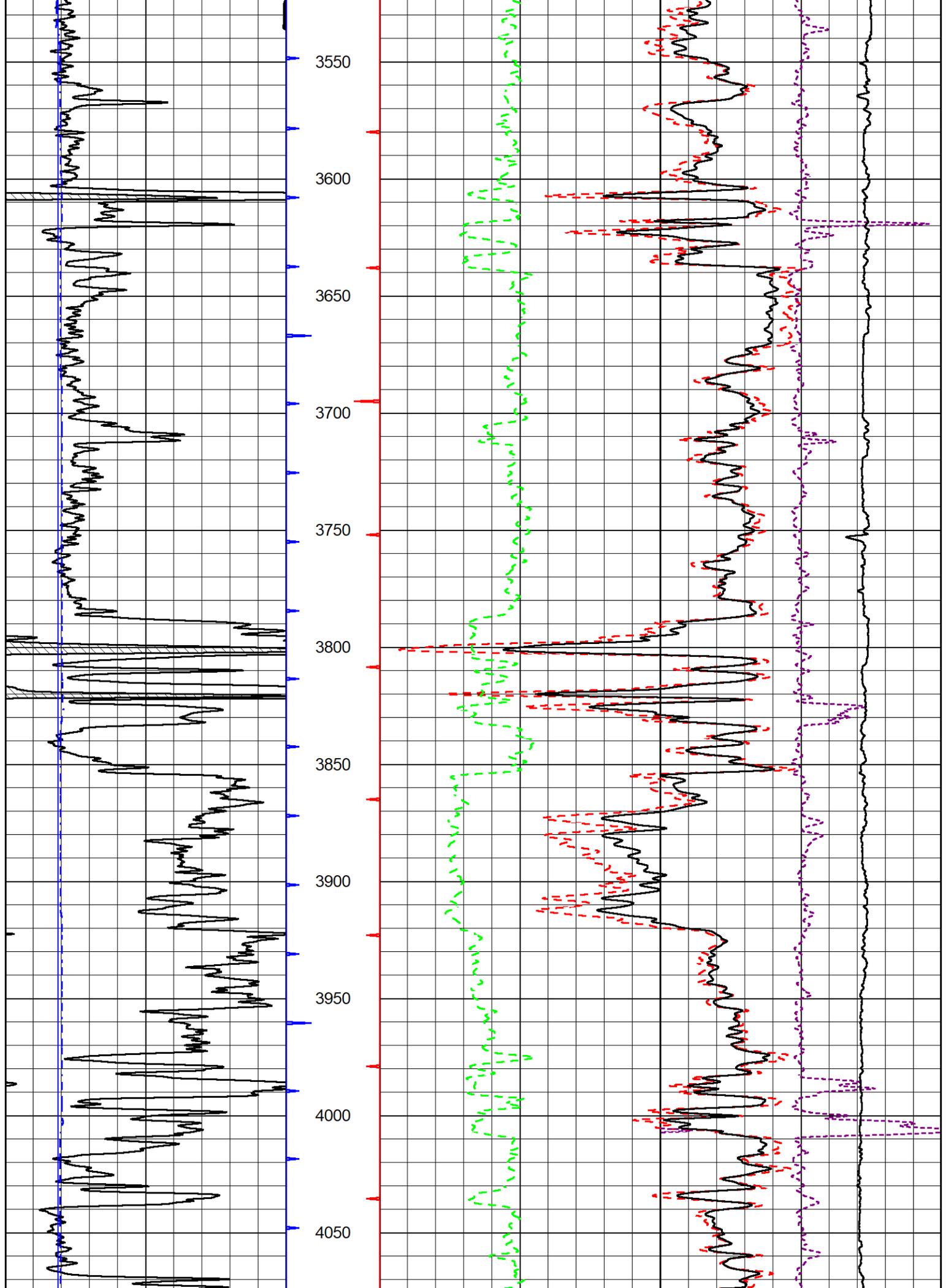
MAIN PASS

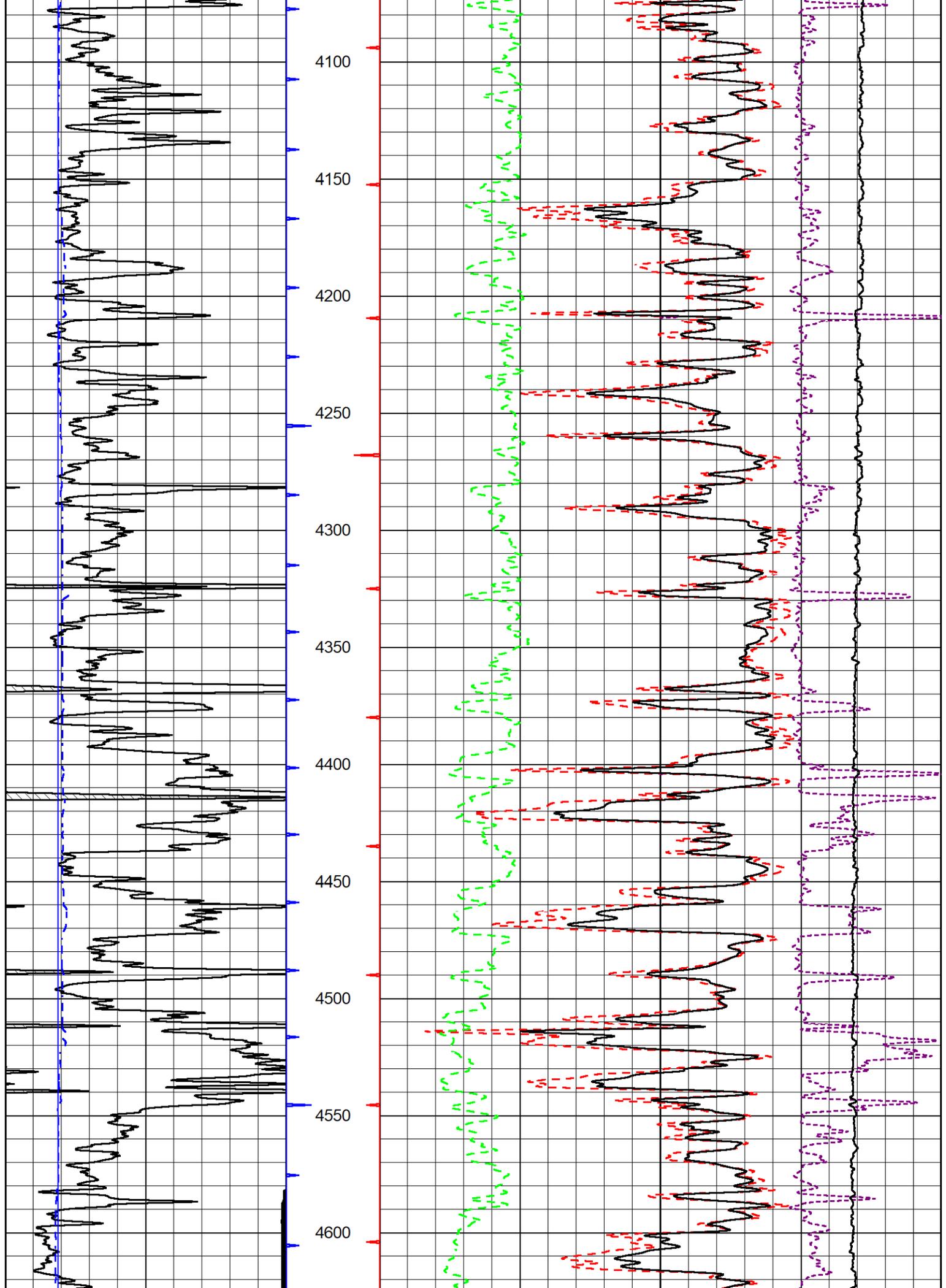
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 Dataset Creation Fri Jul 12 11:44:57 2024
 Charted by Depth in Feet scaled 1:600

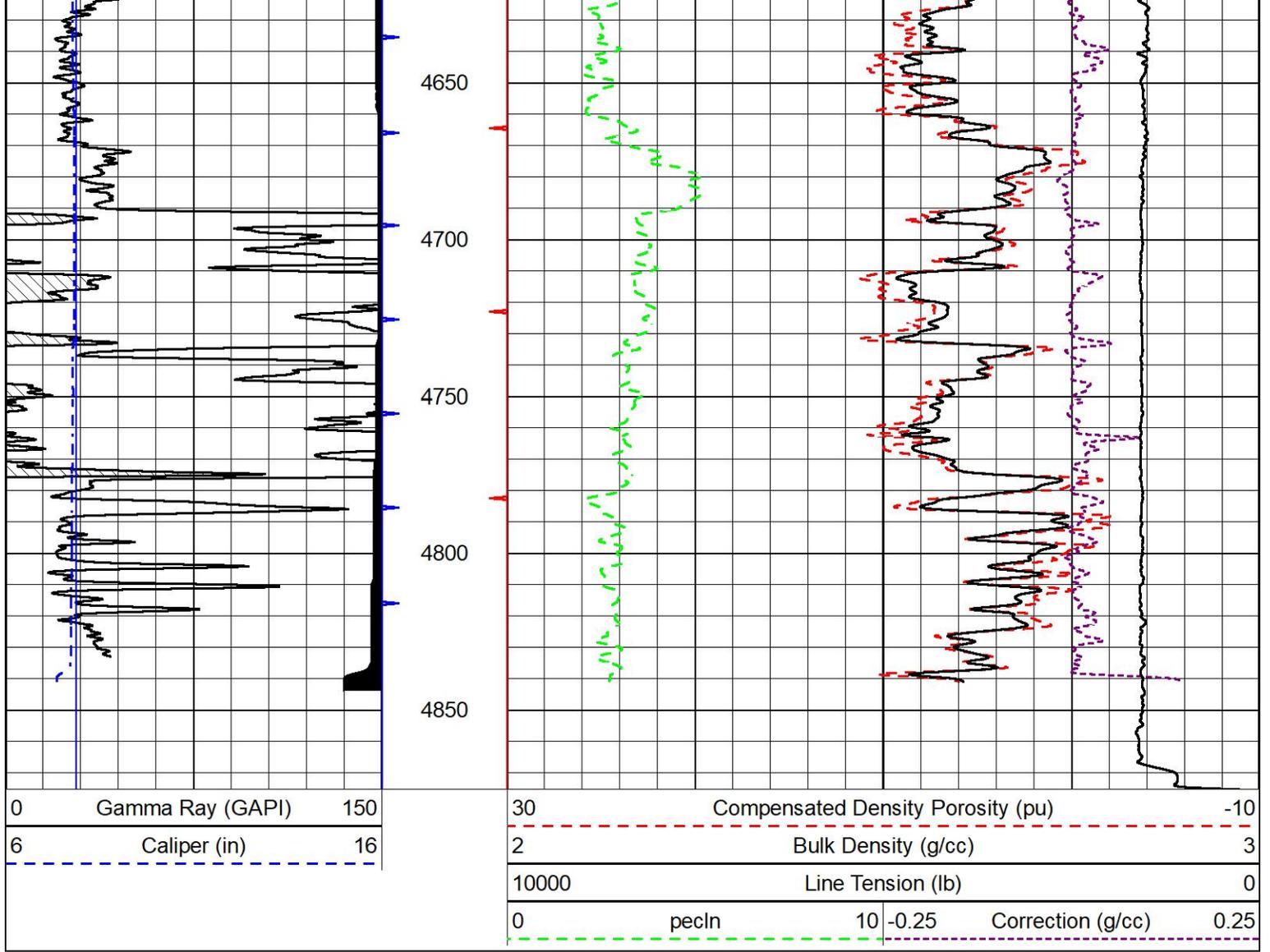
0	Gamma Ray (GAPI)	150	30	Compensated Density Porosity (pu)	-10
6	Caliper (in)	16	2	Bulk Density (g/cc)	3
			10000	Line Tension (lb)	0
			0	peIn	10 -0.25
				Correction (g/cc)	0.25







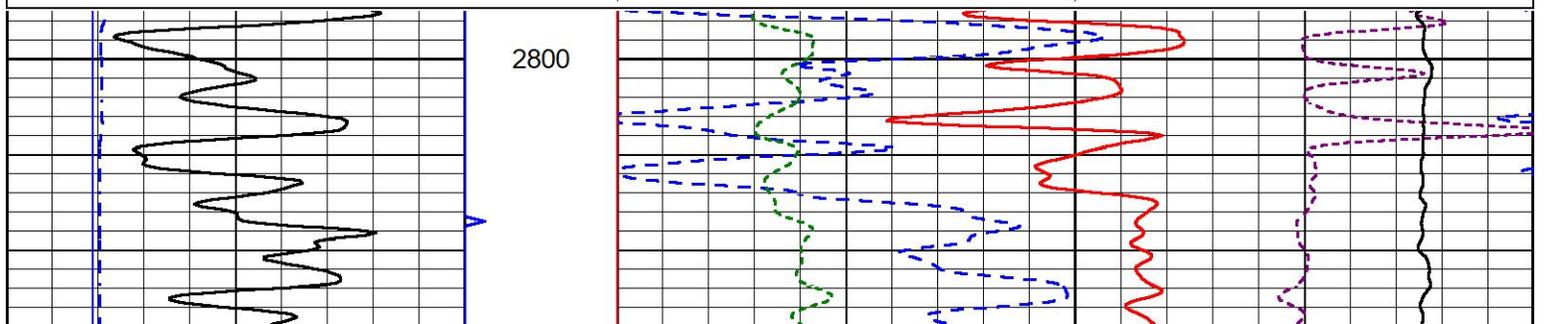
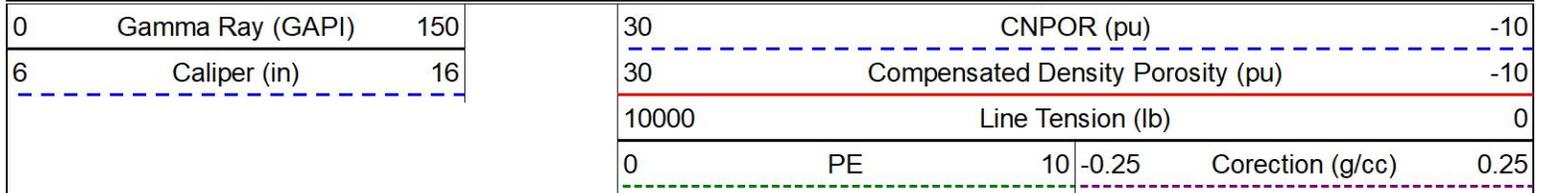


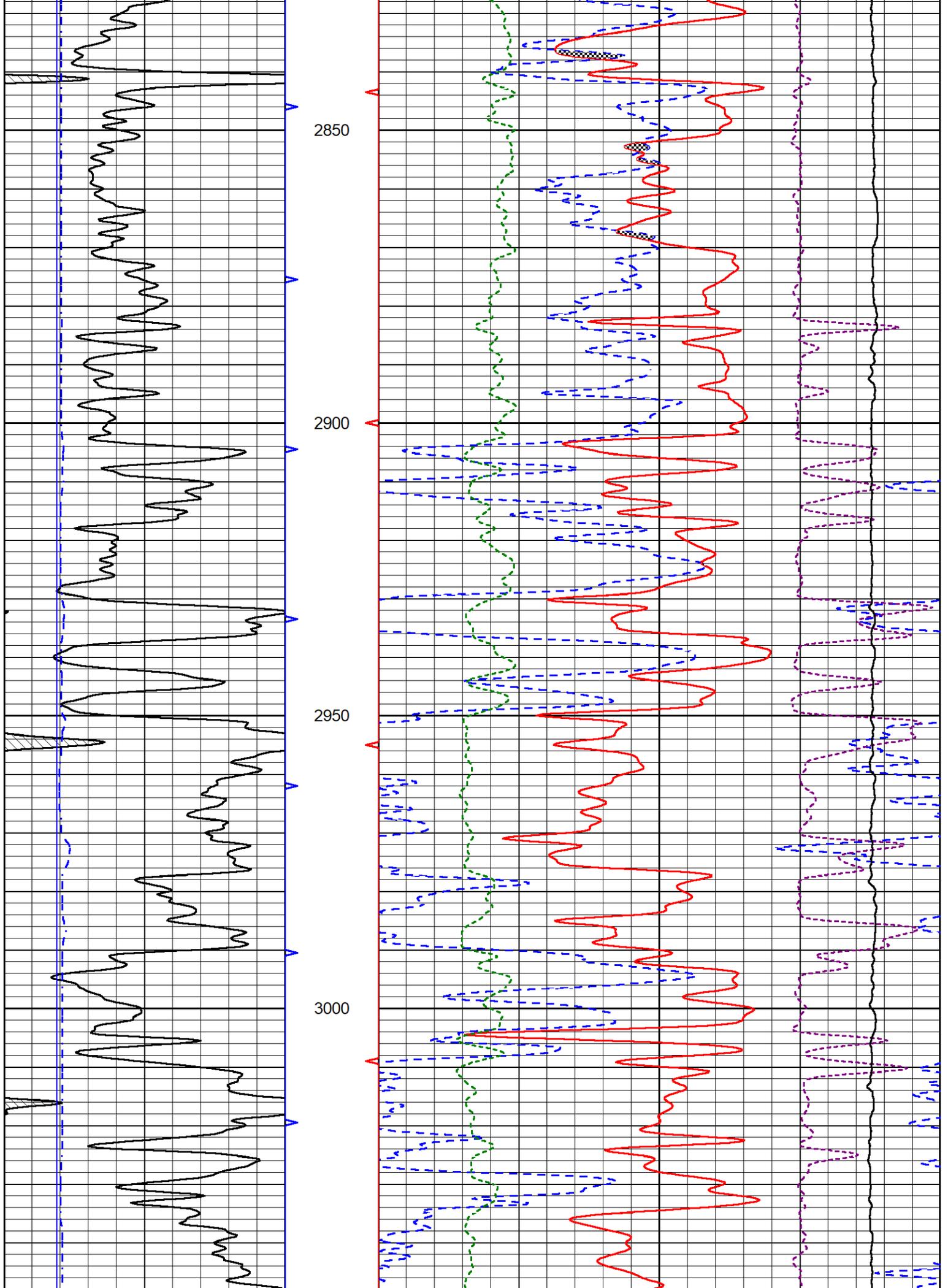


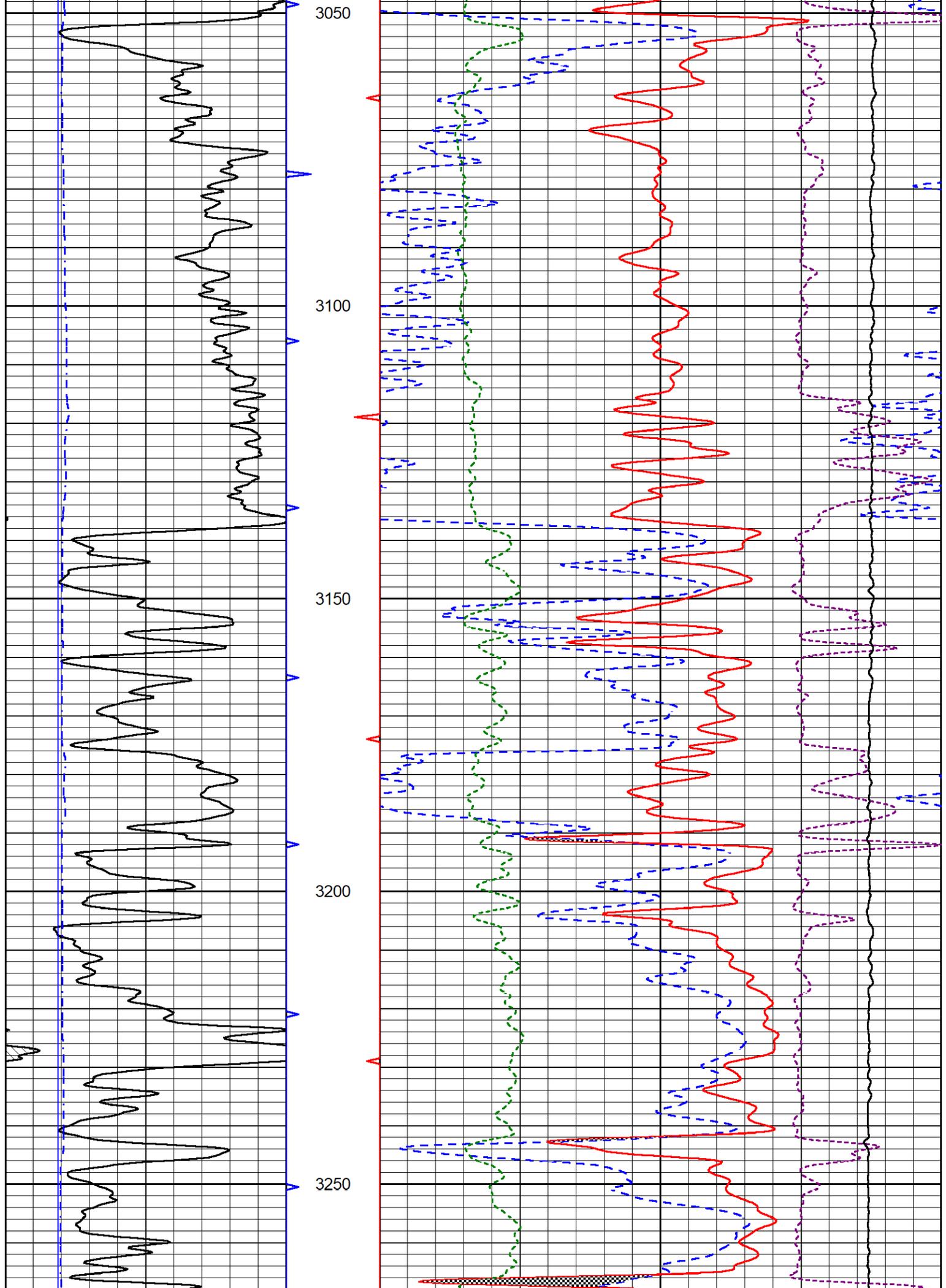
DETAIL SECTION

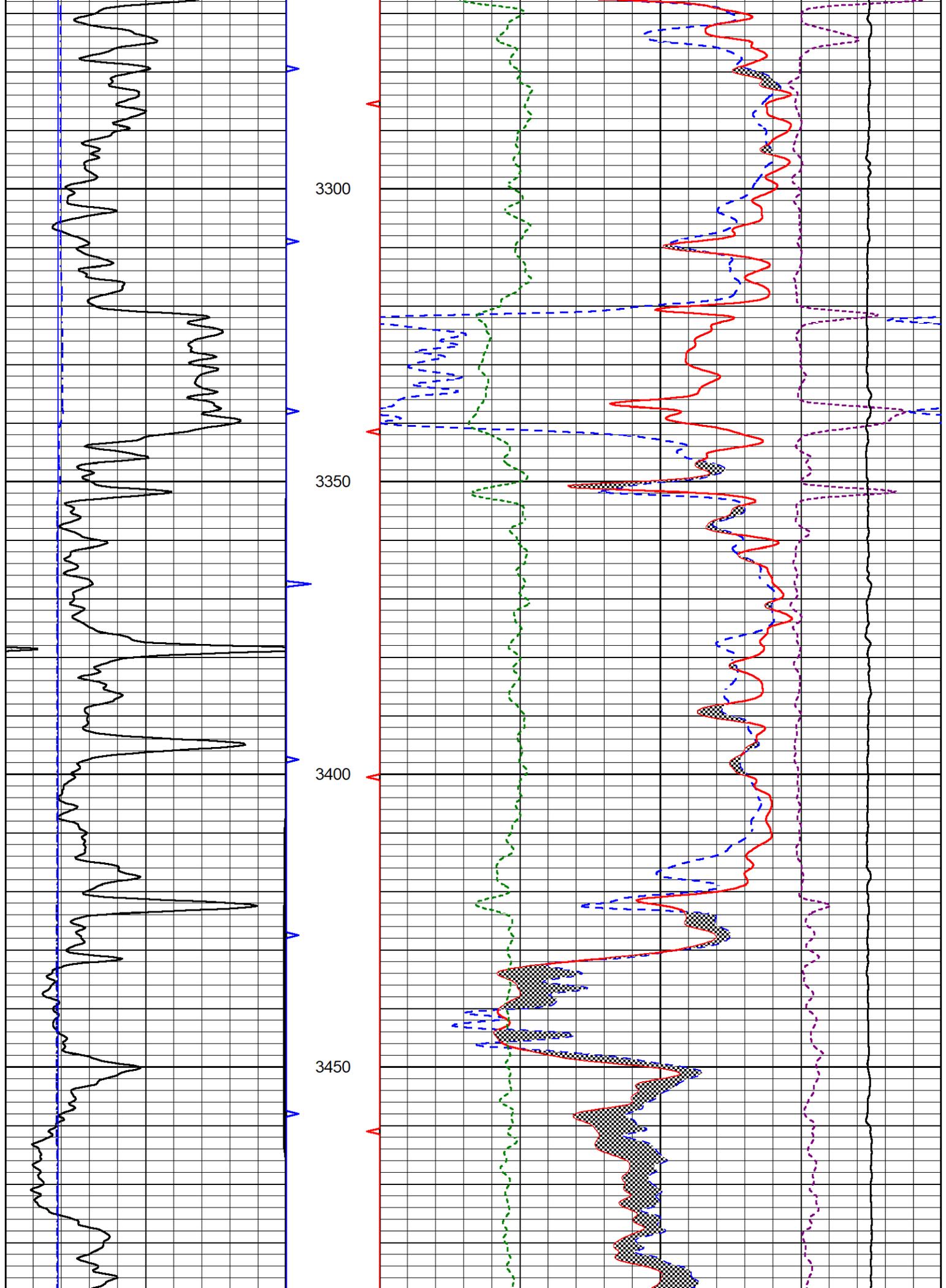
MAIN PASS

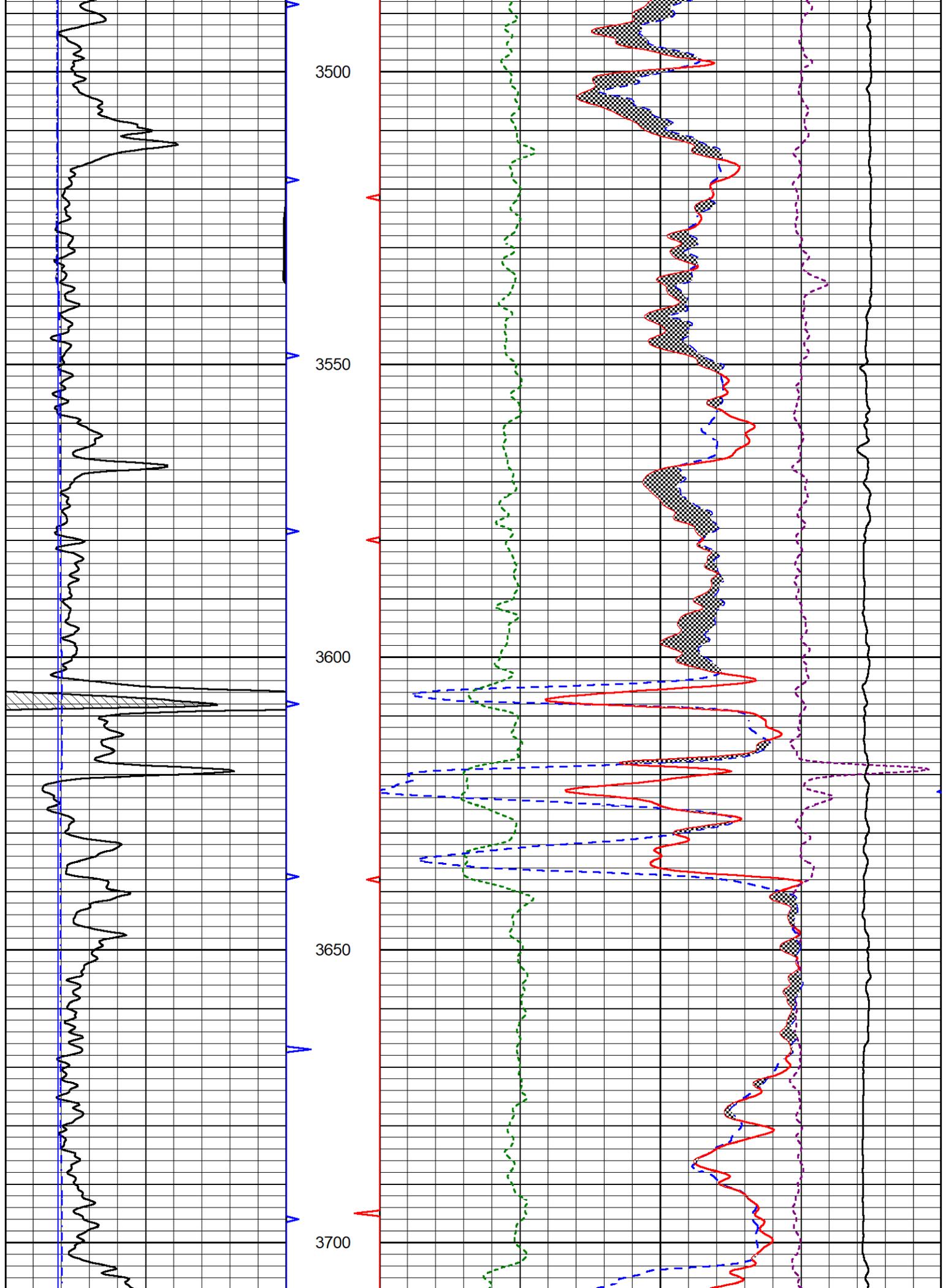
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 Charted by Depth in Feet scaled 1:240

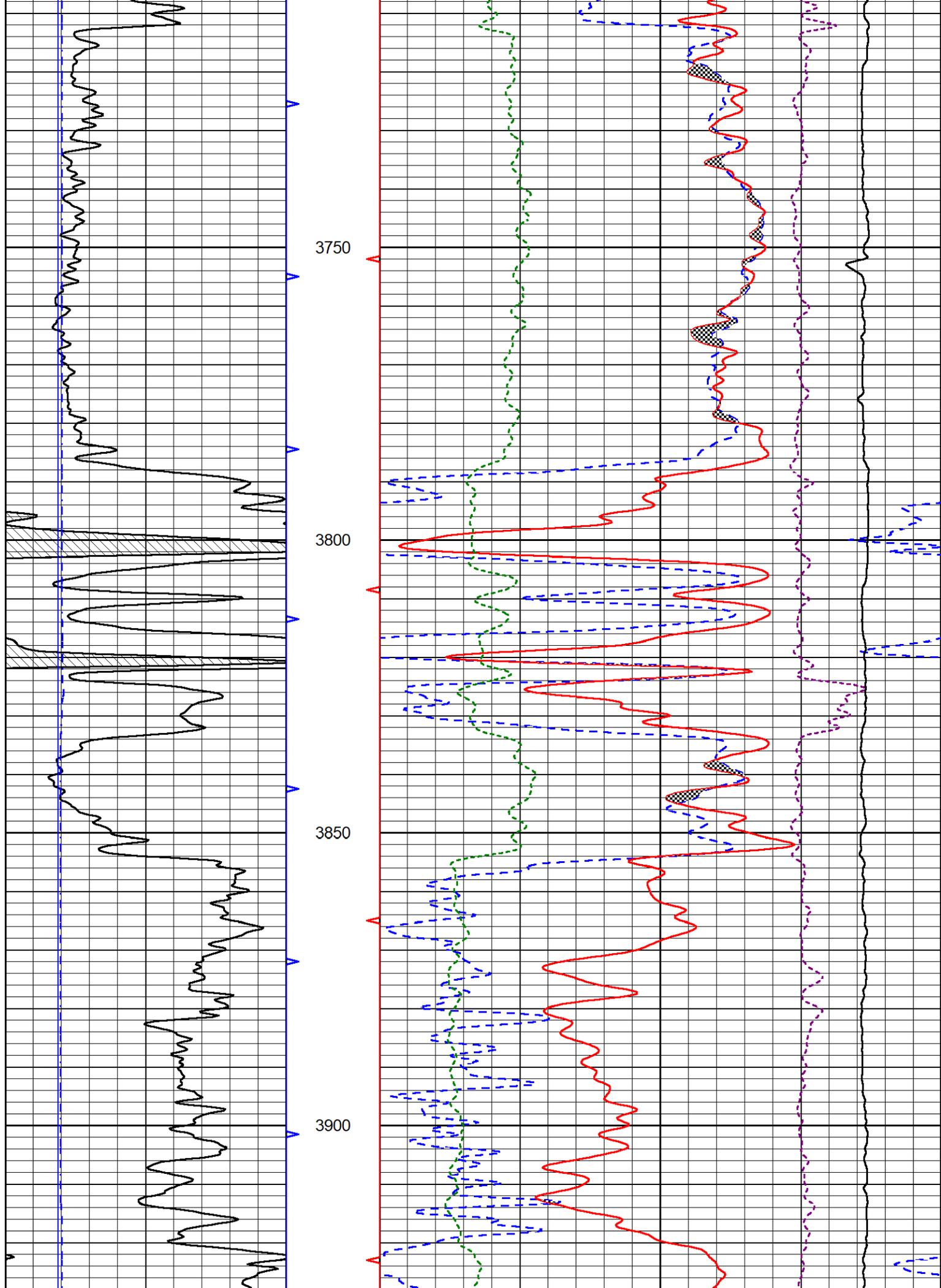


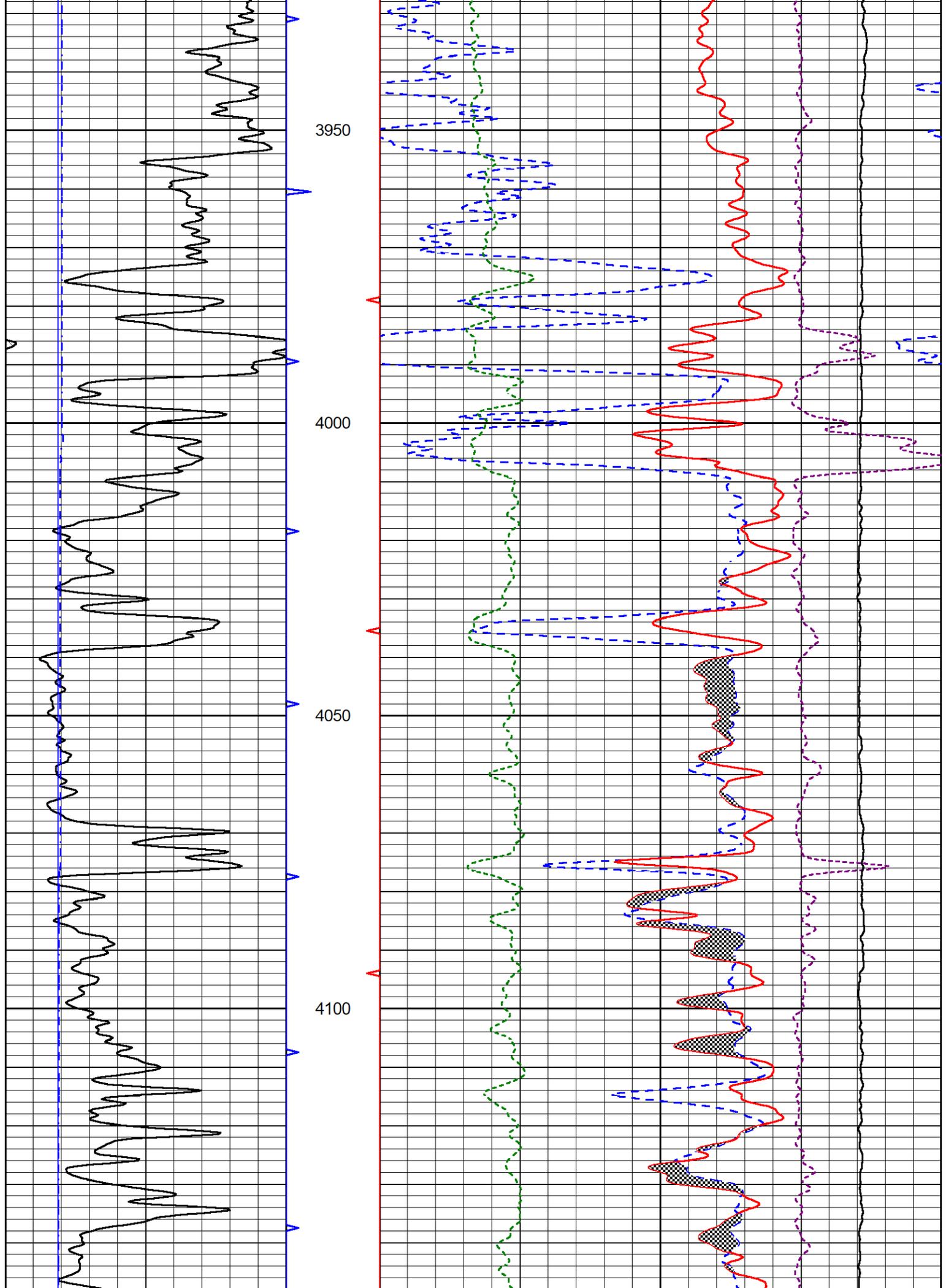


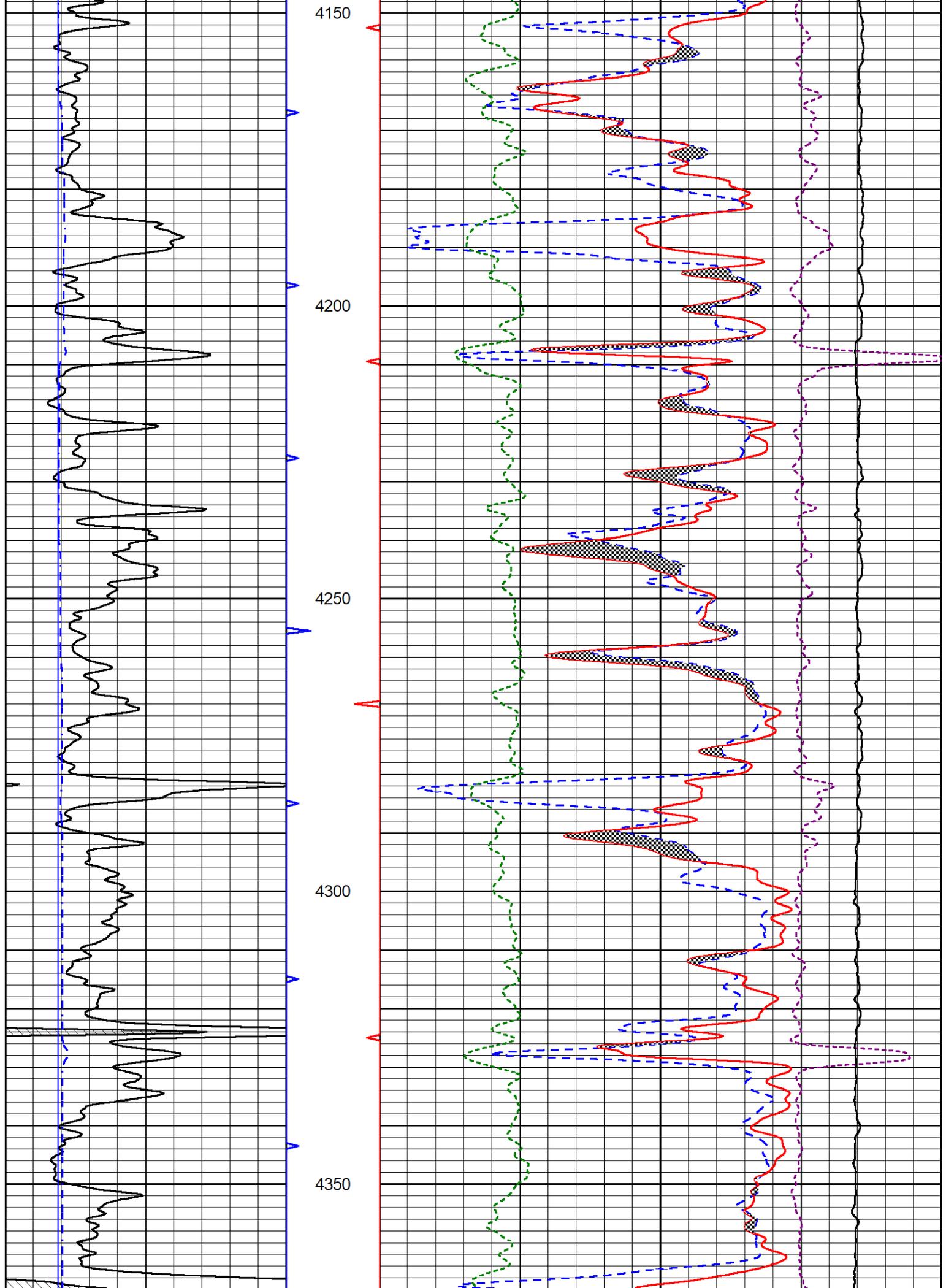


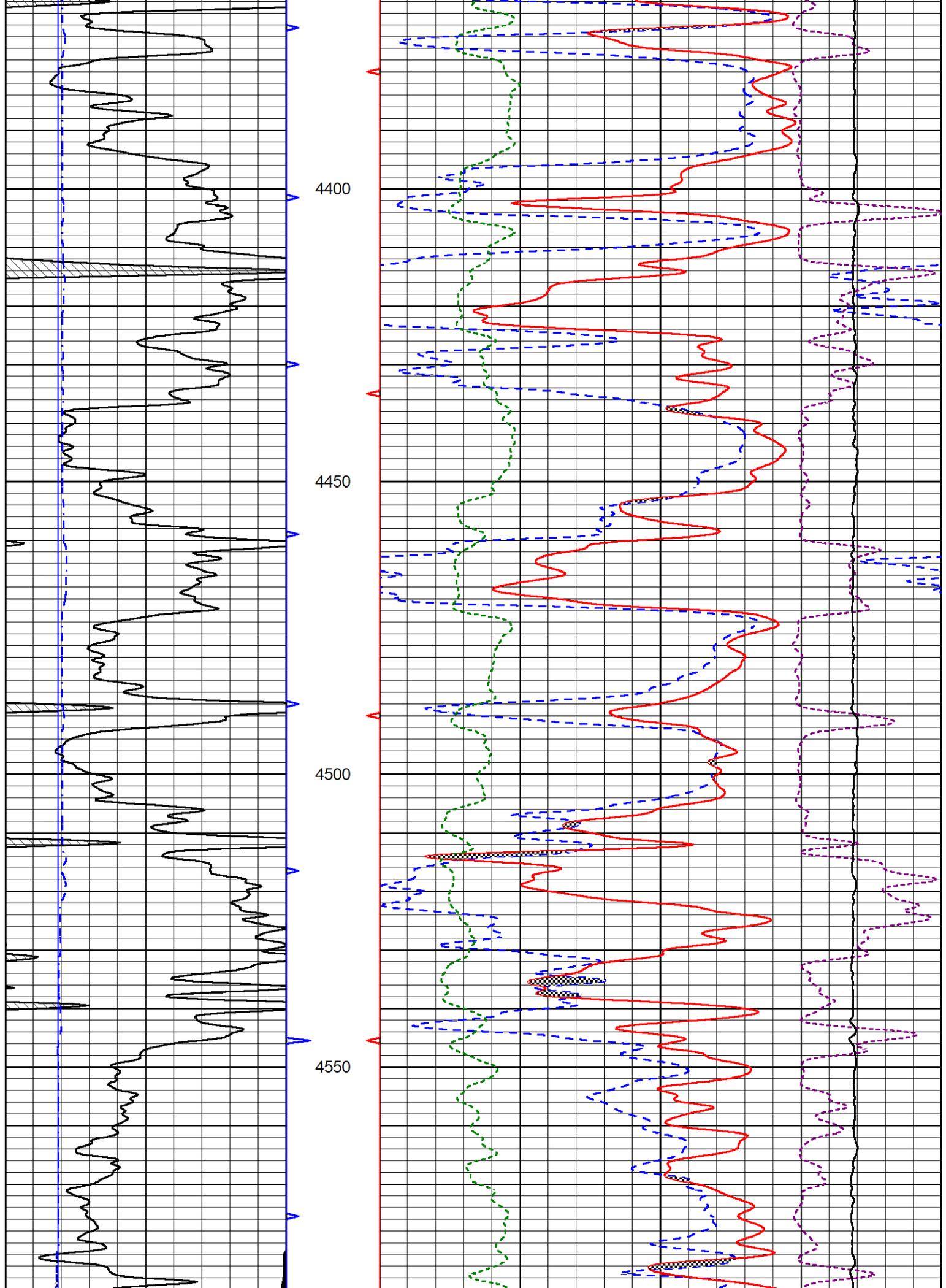


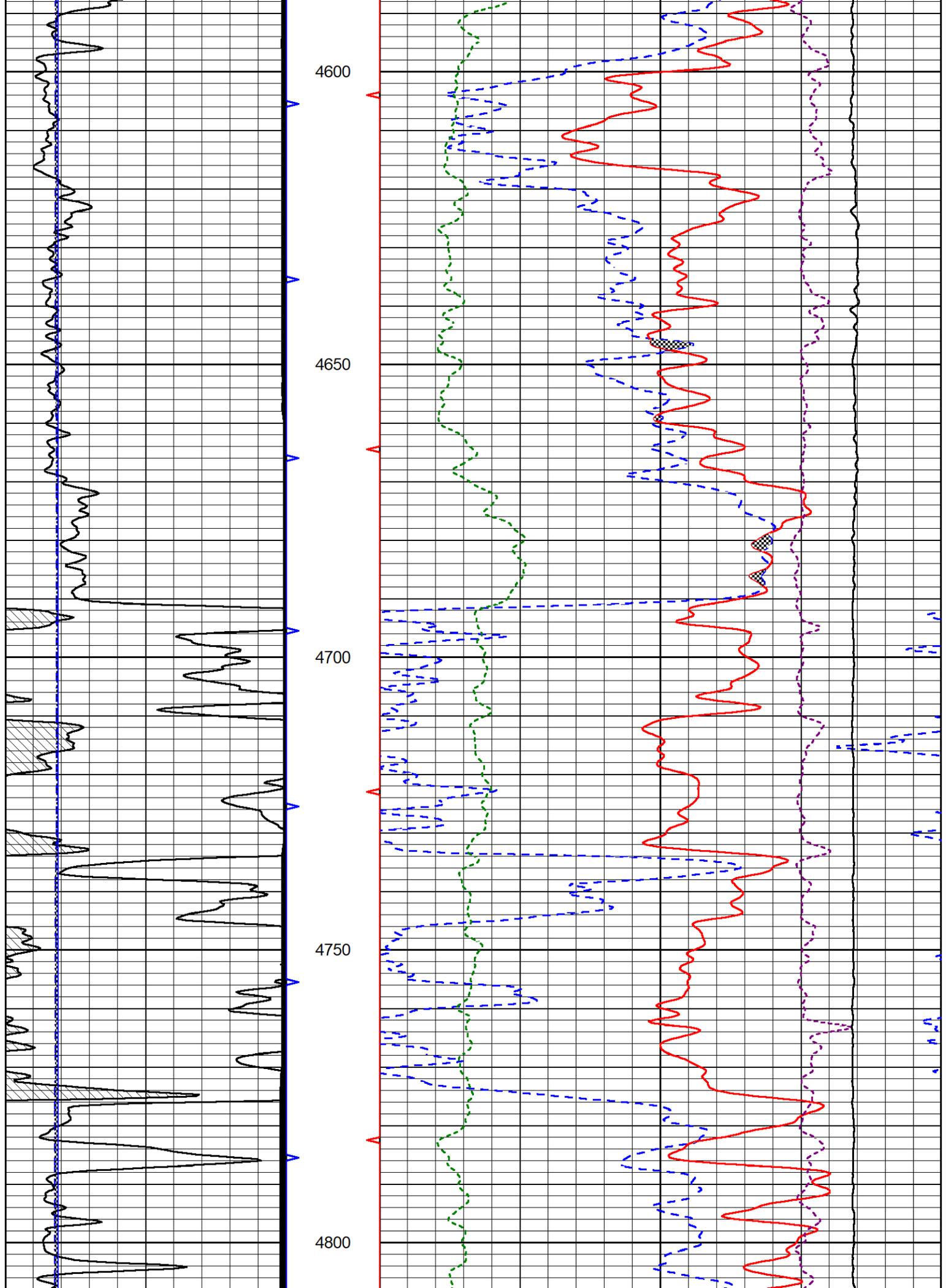


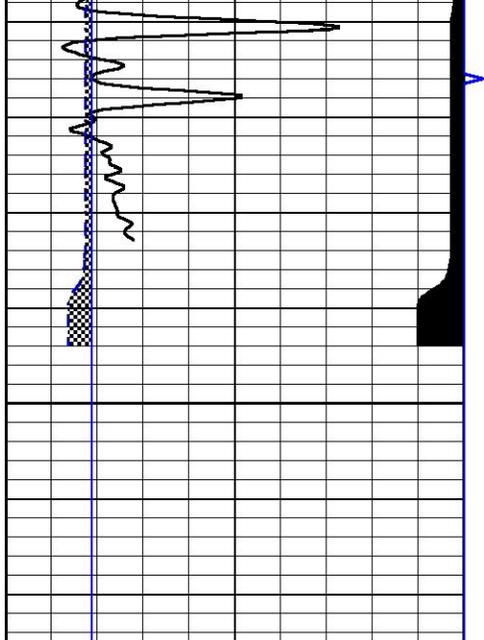






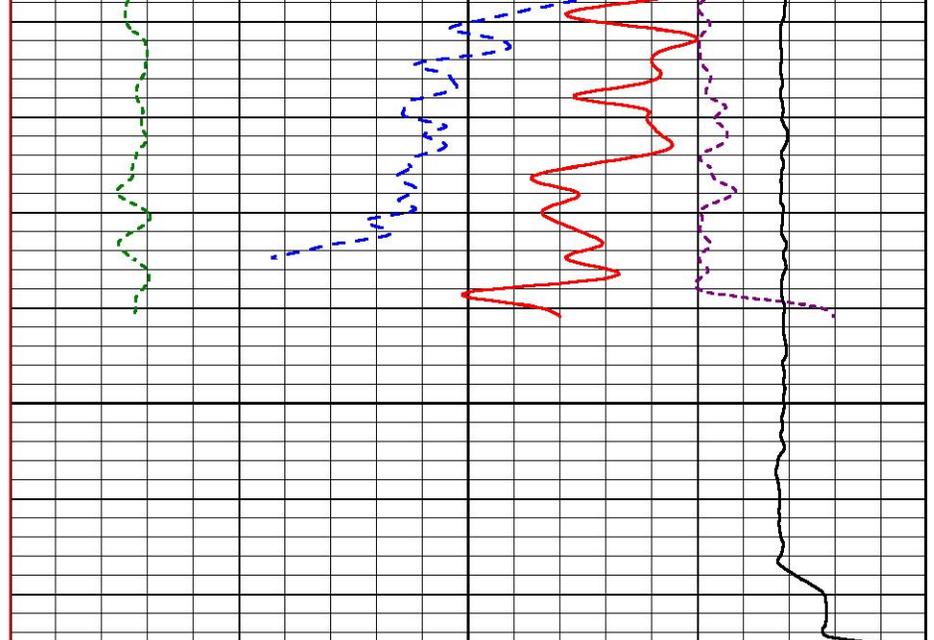






4850

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



30	CNPOR (pu)		-10
30	Compensated Density Porosity (pu)		-10
10000	Line Tension (lb)		0
0	PE	10 -0.25	Corection (g/cc) 0.25



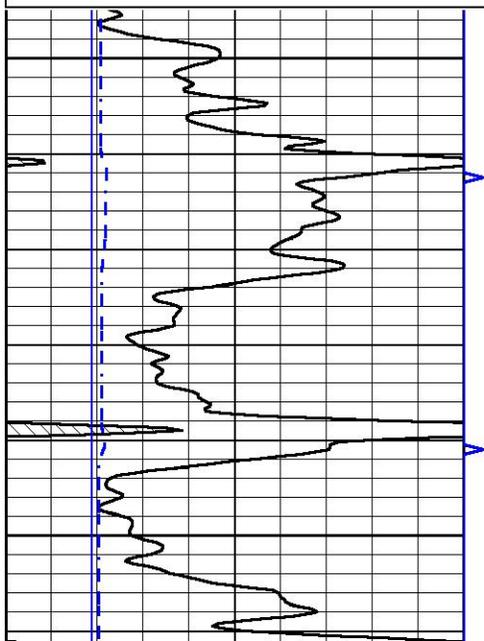
REPEAT SECTION

REPEAT PASS

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 Presentation Format _CNDLS~2
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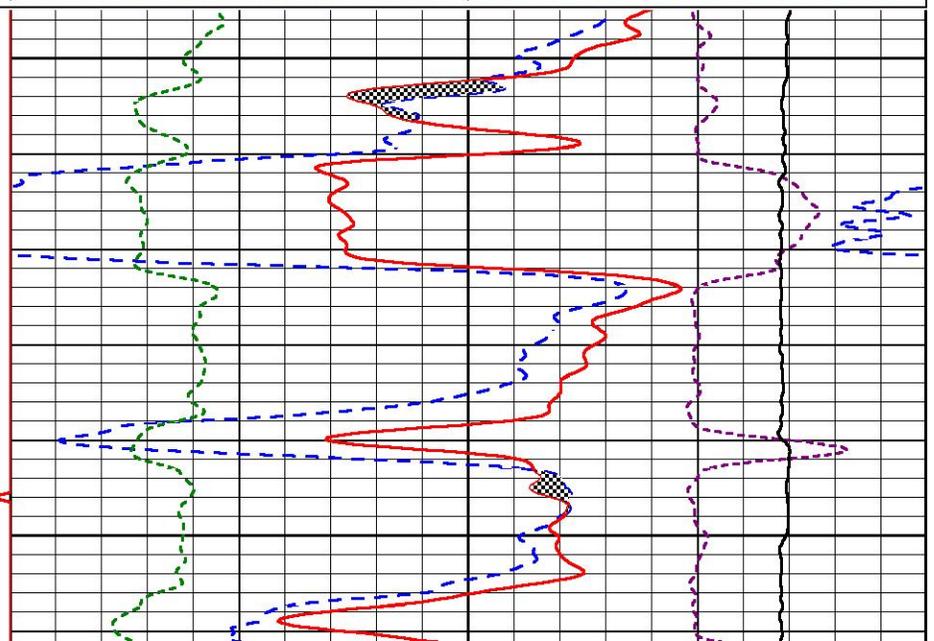
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

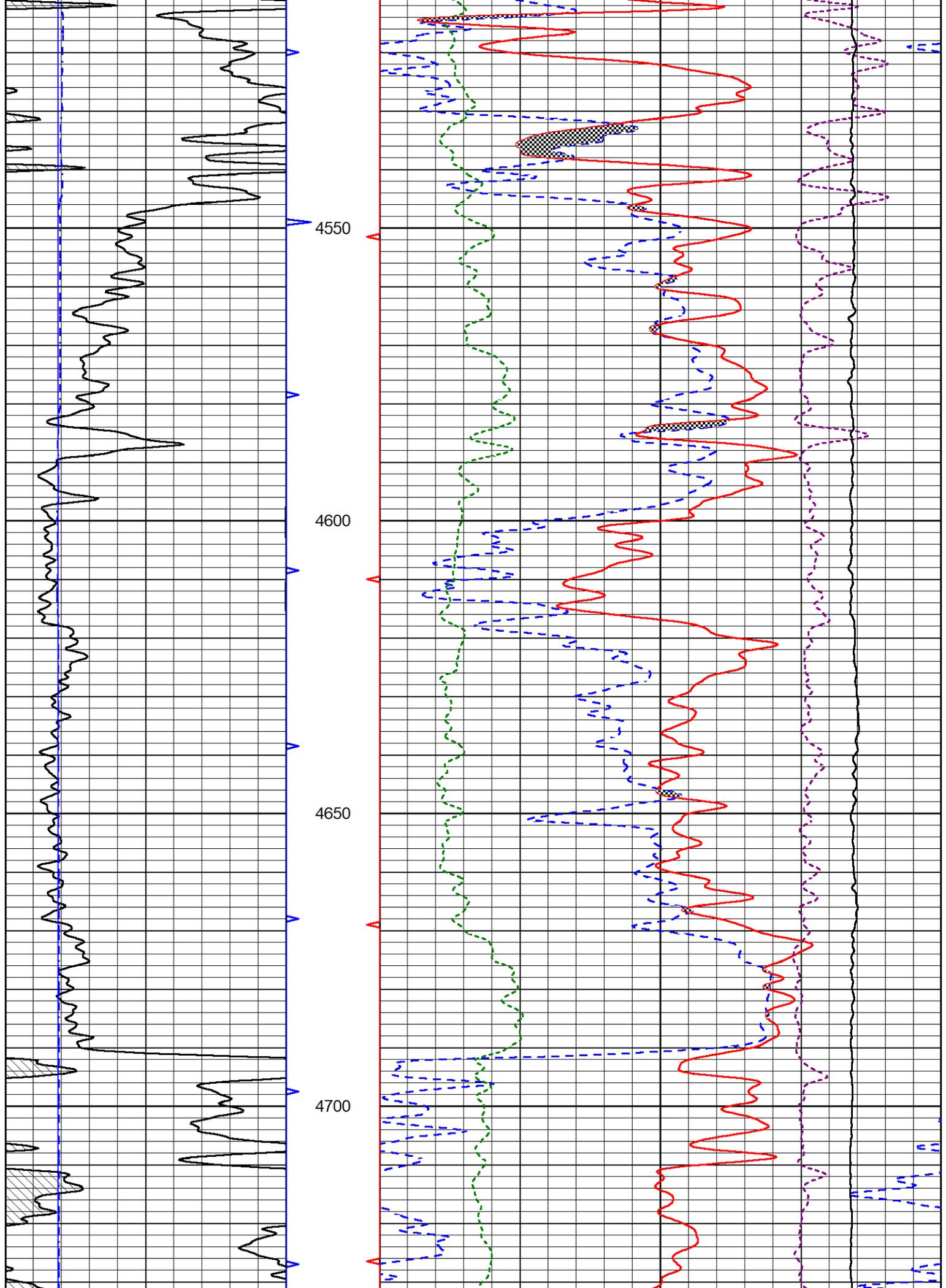
30	CNPOR (pu)		-10
30	Compensated Density Porosity (pu)		-10
10000	Line Tension (lb)		0
0	PE	10 -0.25	Corection (g/cc) 0.25

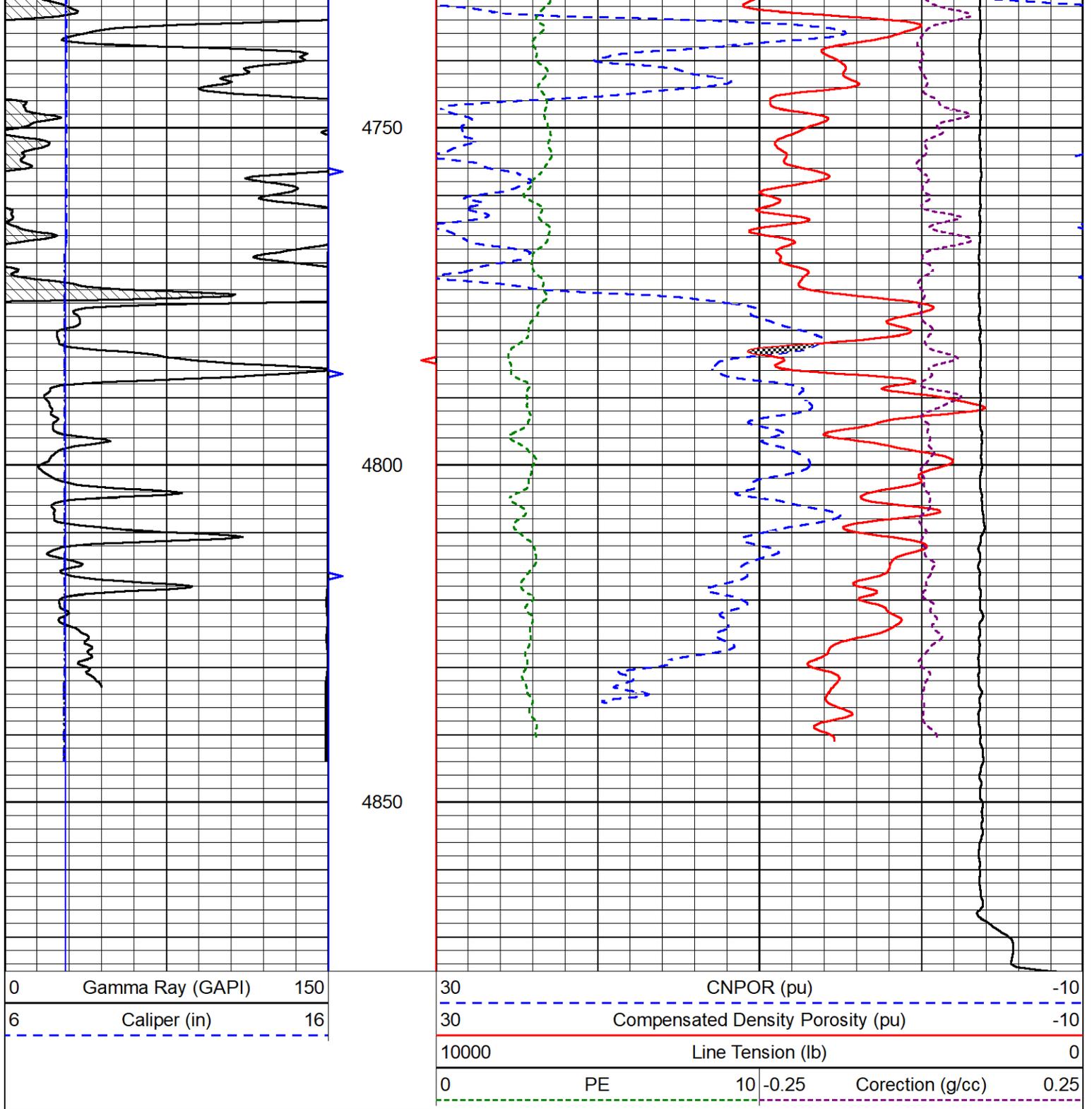


4450

4500







Calibration Report

Database File griffin_madelyn_1.db
 Dataset Pathname stackml/pass3.1
 Dataset Creation Fri Jul 12 12:03:42 2024

Dual Induction Calibration Report

Serial-Model: 506-M&W
 Surface Cal Performed: Sun Jun 30 20:32:27 2024

Readings		References		Results		
Loop:	Air	Loop	Air	Loop	m	b

Deep	84.211	428.152	0.000	255.800	mmho/m	0.465	-32.000
Medium	141.000	670.654	0.000	255.800	mmho/m	0.390	-10.000

Microlog Calibration Report

Serial-Model:	402-PSI STKBL ML
Performed:	Thu May 30 05:58:00 2024

	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0037	0.0043	0.0000	10.0000	Ohm-m	16000.0000	-0.5000
Inverse	0.1208	0.0013	0.0000	10.0000	Ohm-m	22500.0000	-0.7000
Caliper	1.0046	1.1419	5.5000	20.0000	in	50.0000	-44.6250

LITHODENSITY Calibration Report

Serial Number: 703-03
 Tool Model: STEP LITHO Short
 Performed: Fri May 31 13:59:15 2024

Source:

	Win1	Win2	Win3	Win4	Win5	Win6	Win7	Win8	
Background:									
SS:	56	59	223	276	25	75	46	1	cps
LS:	83	90	344	441	51	132	90	3	cps

Aluminum:									
SS:	1063	1260	2893	2631	48	80	48	3	cps
LS:	1179	2084	3854	1823	62	133	86	5	cps

Magnesium:									
SS:	1756	2035	4740	3894	55	79	49	4	cps
LS:	4981	8390	15059	6054	115	127	85	14	cps

Aluminum+Iron:									
SS:	676	887	2426	2310	45	79	52	2	cps
LS:	700	1495	3280	1630	60	131	90	5	cps

	Density	Calibrated		PE	Calibrated Quality	
	Actual			Actual		
Background:						
SS:					0.236	
LS:					0.189	
Aluminum:						
SS:	2.6000	2.6000	g/cc		0.249	
LS:	2.6000	2.6000	g/cc		0.216	
Magnesium:						
SS:	1.6800	1.6800	g/cc	2.5700	2.5700	0.232
LS:	1.6800	1.6800	g/cc	2.5700	2.5700	0.198
Aluminum+Iron:						
SS:				6.1800	0.208	
LS:				6.1800	0.188	

Caliper:	Reference:	Reading:
Small Ring:	6.0 in	1.0
Large Ring:	14.0 in	1.0
Gain:	12.765	
Offset:	1.900	

Compensated Neutron Calibration Report

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

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	Griffin Management LLC
Well	Madelyn 1
Field	Turkey Creek East
County	Barber
State	Kansas