MIDWEST WIRELINE

DUAL INDUCTION LOG

Company Anchor Bay Petroleum LLC
Well Weber #1
Field Pleasant
County Ellis State Kansas

Location: API #: 15-051-27109-00-00
2155 FSL & 1103 FEL
SEC 11 TWP 14S RGE 20W

Other Services: CNL/CDL, MEL

Permanent Datum: Ground Level Elevation 2205
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing

Elevation: K.B. 2213, D.F., G.L. 2205

Date	6/25/2024			
Run Number	One			
Depth Driller	3869			
Depth Logger	3867			
Bottom Logged Interval	3866			
Top Log Interval	200			
Casing Driller	8.625 @ 226			
Casing Logger	225			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	11900			
Density / Viscosity	9.3 / 52			
pH / Fluid Loss	10.0 / 8.0			
Source of Sample	FLOWLINE			
Rm @ Meas. Temp	0.40 @ 72			
Rmf @ Meas. Temp	0.30 @ 72			
Rmc @ Meas. Temp	0.54 @ 72			
Source of Rmf / Rmc	CHARTS			
Rm @ BHT	0.25 @ 115			
Operating Rig Time	3 Hours			
Max Rec. Temp. F	115			
Equipment Number	110			
Location	HAYS			
Recorded By	D. Schmidt			
Witnessed By	Ed Glassman			

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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.

Ellis,
South to Golf Course Rd,
3 East, 3/4 South,
West and North into

Log Measured From: Kelly Bushing 8 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew	This Log Record Was Witnessed By
Engineer: D. Schmidt	Primary Witness: Ed Glassman
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
GR	40.33		GR-M&W (105)	3.00	3.50	50.00
CNLSC	37.23		CNT-M&W (210)	5.00	3.50	100.00
CNSSC	36.48					
			CDL-M&W (303-03)	8.50	4.00	250.00
LSD	28.18					
DCAL	28.17					
SSD	27.68					
			ML-PSI STKBL ML (402)	7.58	4.00	65.00
MCAL	19.58					
MI	19.58					
MN	19.58					
RLL3F	15.50					
RLL3	15.50					
			DIL-M&W (506)	18.25	3.50	220.00
CILD	8.33					
CILM	4.50					
SP	0.20					

Dataset: anchor bay_weber 1.db: field/well/stkml/pass3.1
Total length: 42.33 ft
Total weight: 685.00 lb
O.D.: 4.00 in

Log Variables

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

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	115	5.5	0	1	2	2.71

NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	No	5.5	0	-75	75	Off	3867

Variable Description

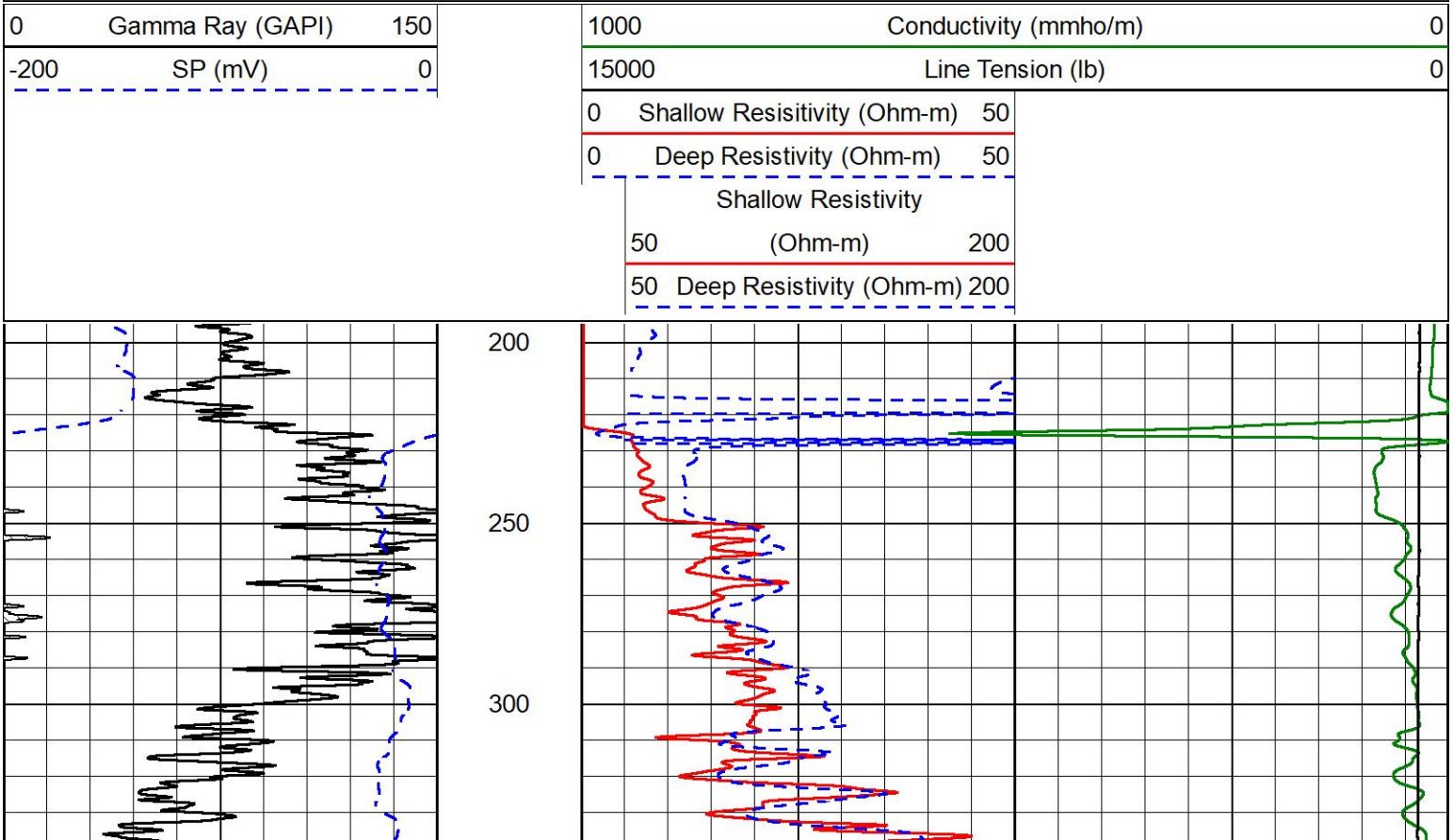
A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density
NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

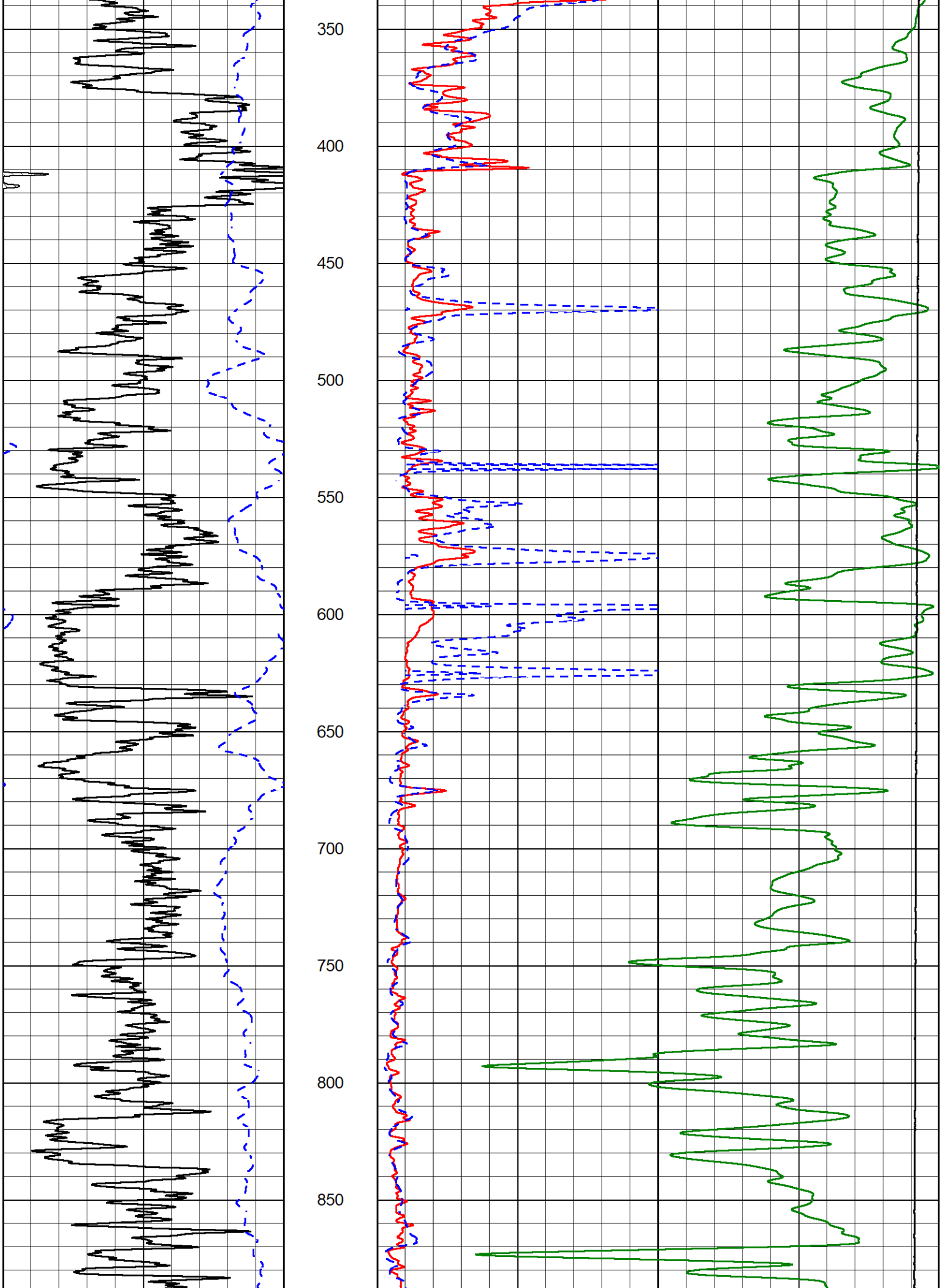
MIDWEST WIRELINE

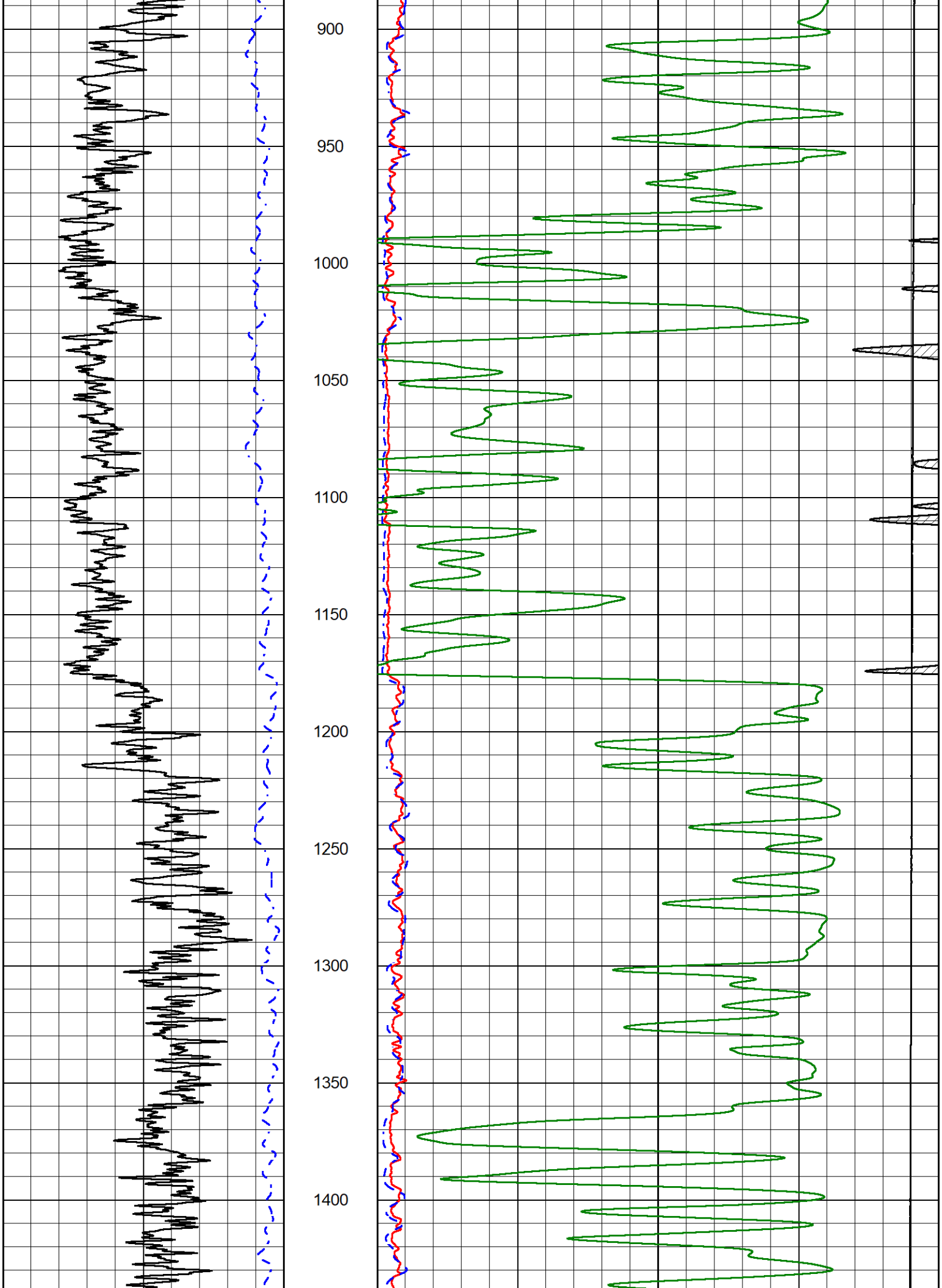
2" SCALE RESISTIVITY

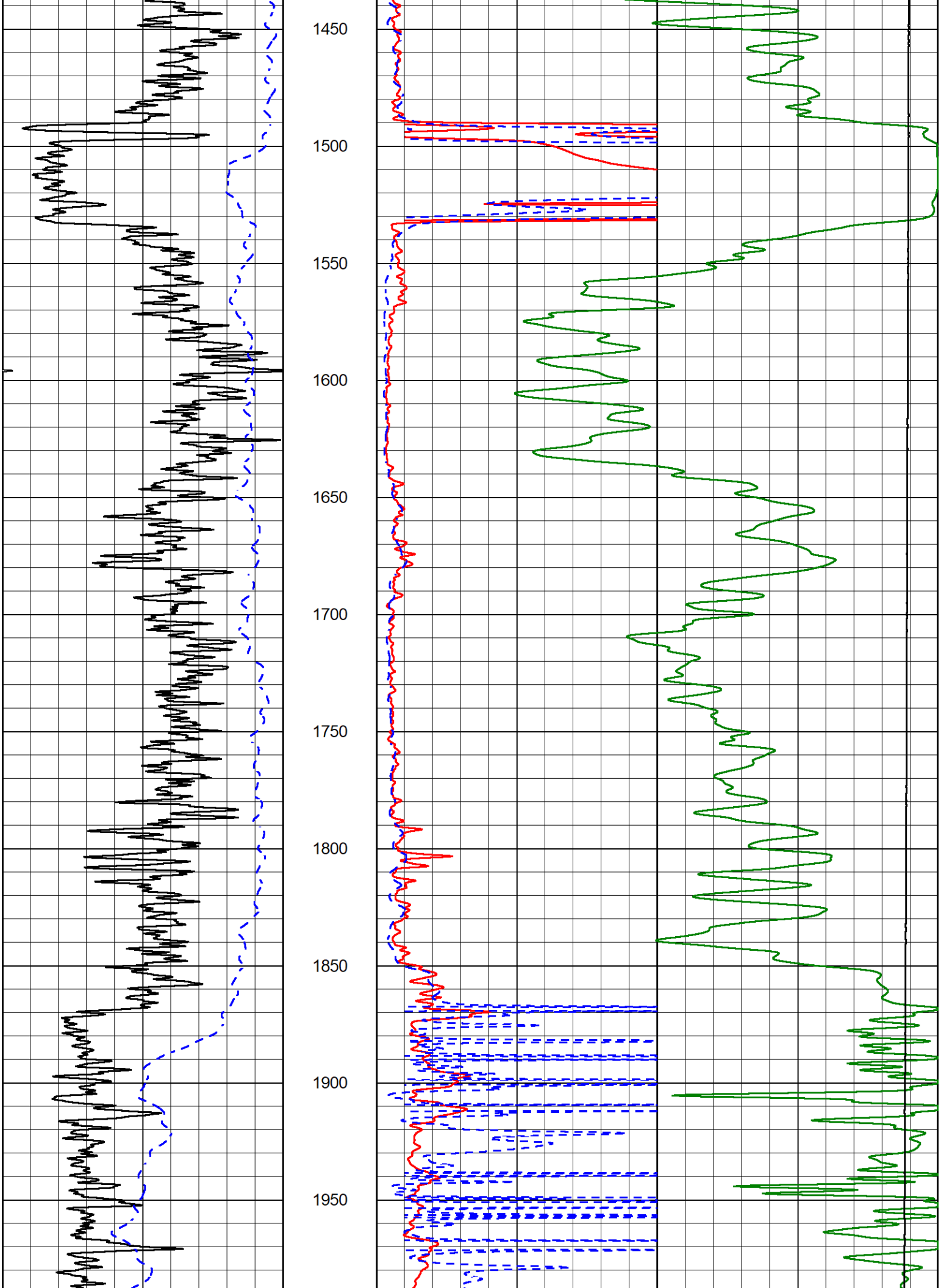
MAIN PASS

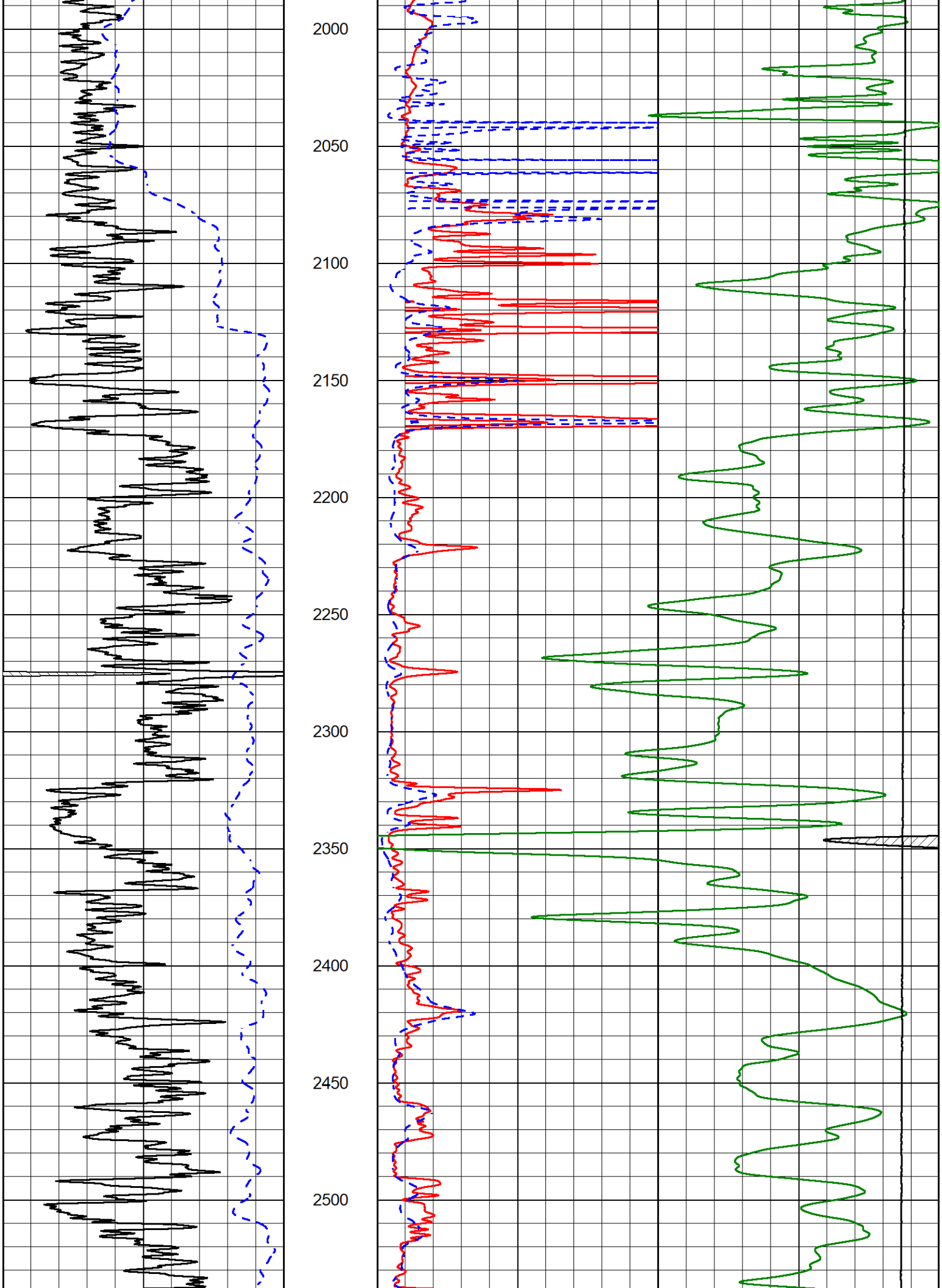
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Dataset Pathname	stkml/pass3.3
Presentation Format	_dil2in
Dataset Creation	Tue Jun 25 10:58:52 2024
Charted by	Depth in Feet scaled 1:600

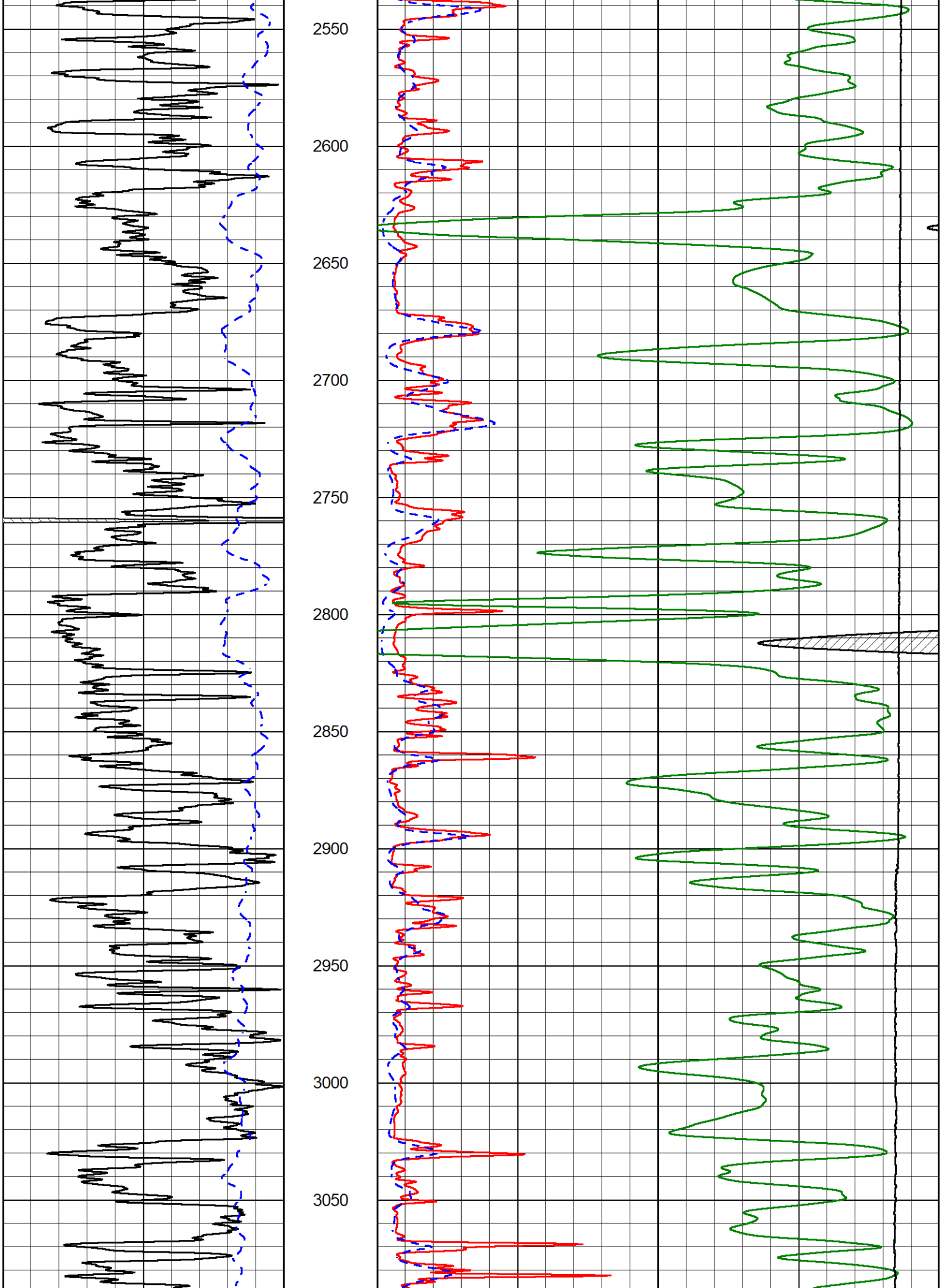


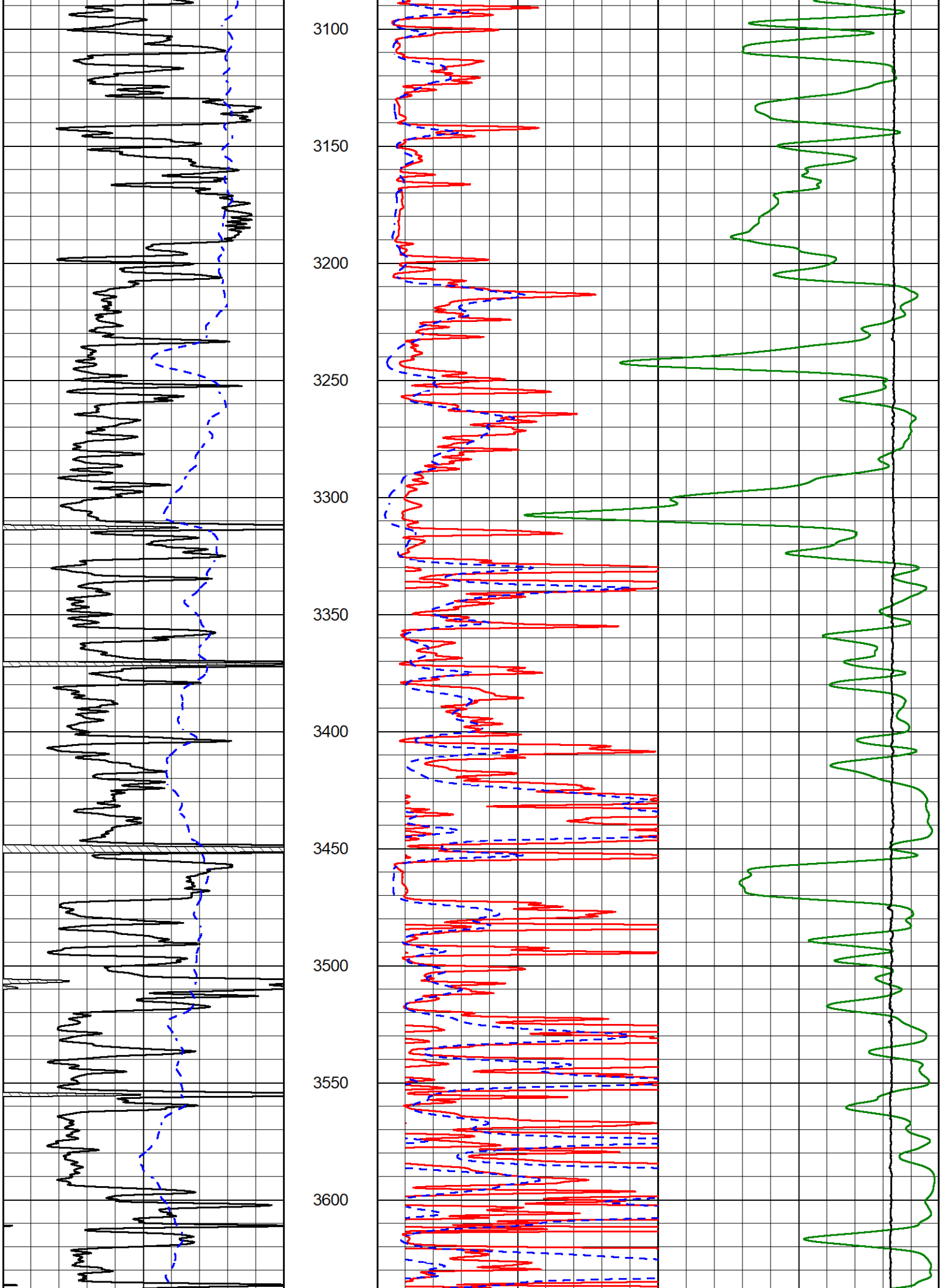

350
400
450
500
550
600
650
700
750
800
850

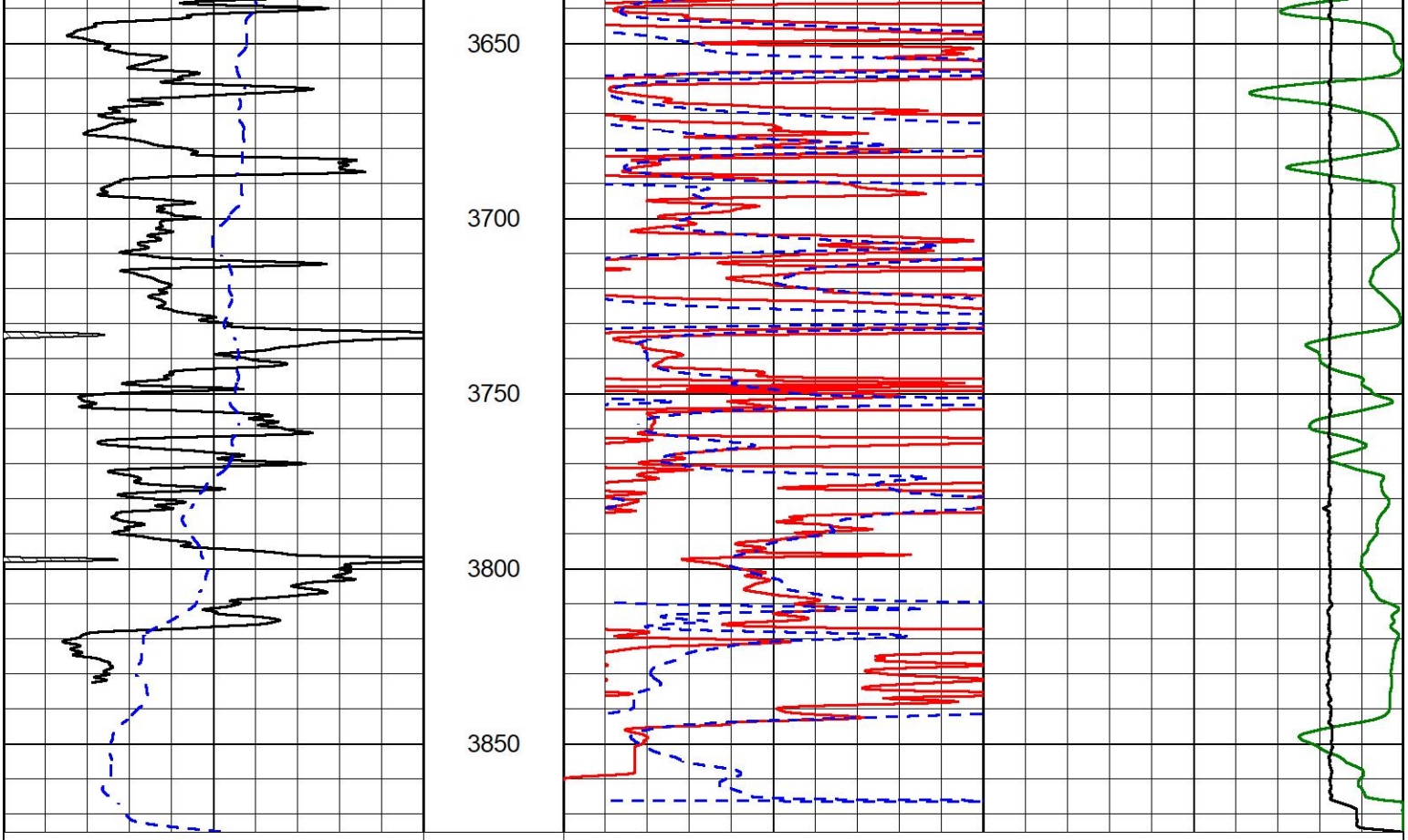

900
950
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1050
1100
1150
1200
1250
1300
1350
1400


1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950


2000
2050
2100
2150
2200
2250
2300
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2450
2500


2550
2600
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2700
2750
2800
2850
2900
2950
3000
3050


3100
3150
3200
3250
3300
3350
3400
3450
3500
3550
3600



0	Gamma Ray (GAPI)	150
-200	SP (mV)	0
1000	Conductivity (mmho/m)	0
15000	Line Tension (lb)	0
0	Shallow Resisitivity (Ohm-m)	50
0	Deep Resistivity (Ohm-m)	50
50	Shallow Resistivity (Ohm-m)	200
50	Deep Resistivity (Ohm-m)	200

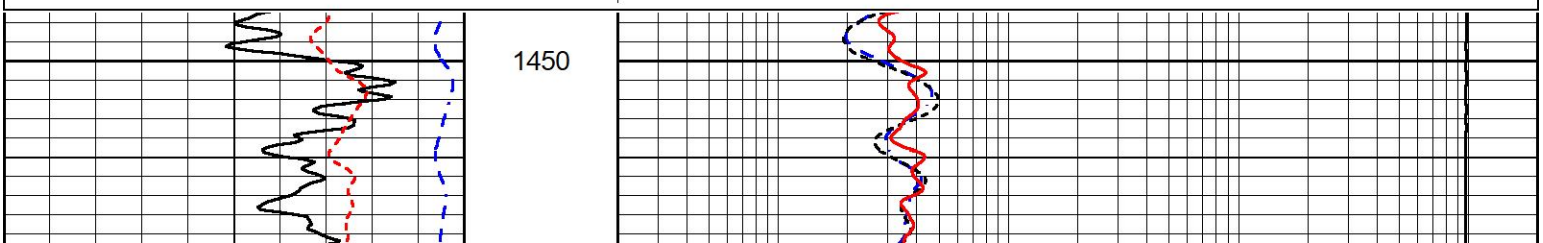
MIDWEST WIRELINE

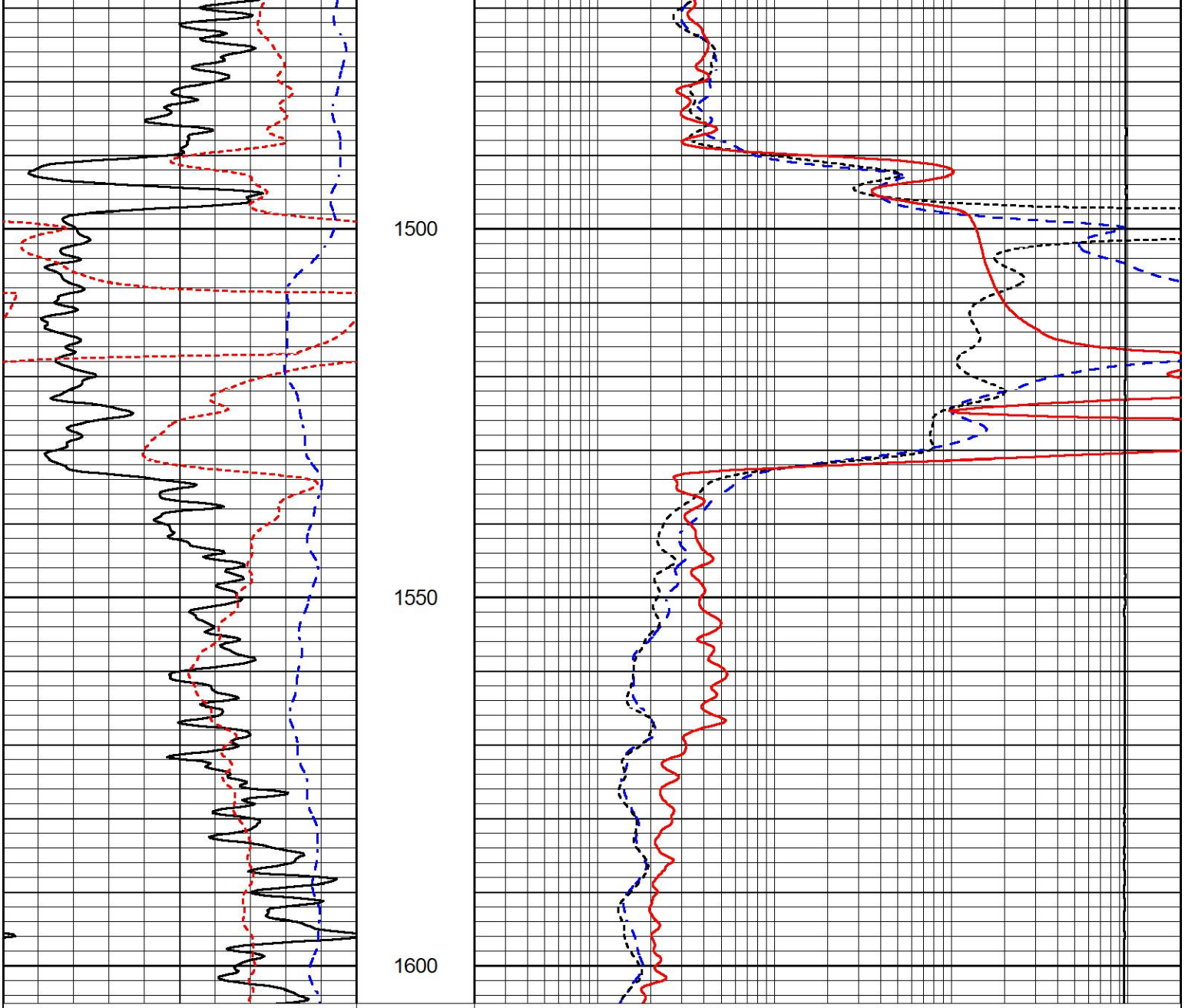
ANHYDRITE SECTION

MAIN PASS

Database File	anchor bay_weber 1.db
Dataset Pathname	stkml/pass3.5
Presentation Format	_dil
Dataset Creation	Tue Jun 25 10:47:03 2024
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
50	RXORT	250
-200	SP (mV)	0
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
10000	Line Tension (lb)	0





0	Gamma Ray (GAPI)	150
50	RXORT	250
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
10000	Line Tension (lb)	0

MIDWEST WIRELINE

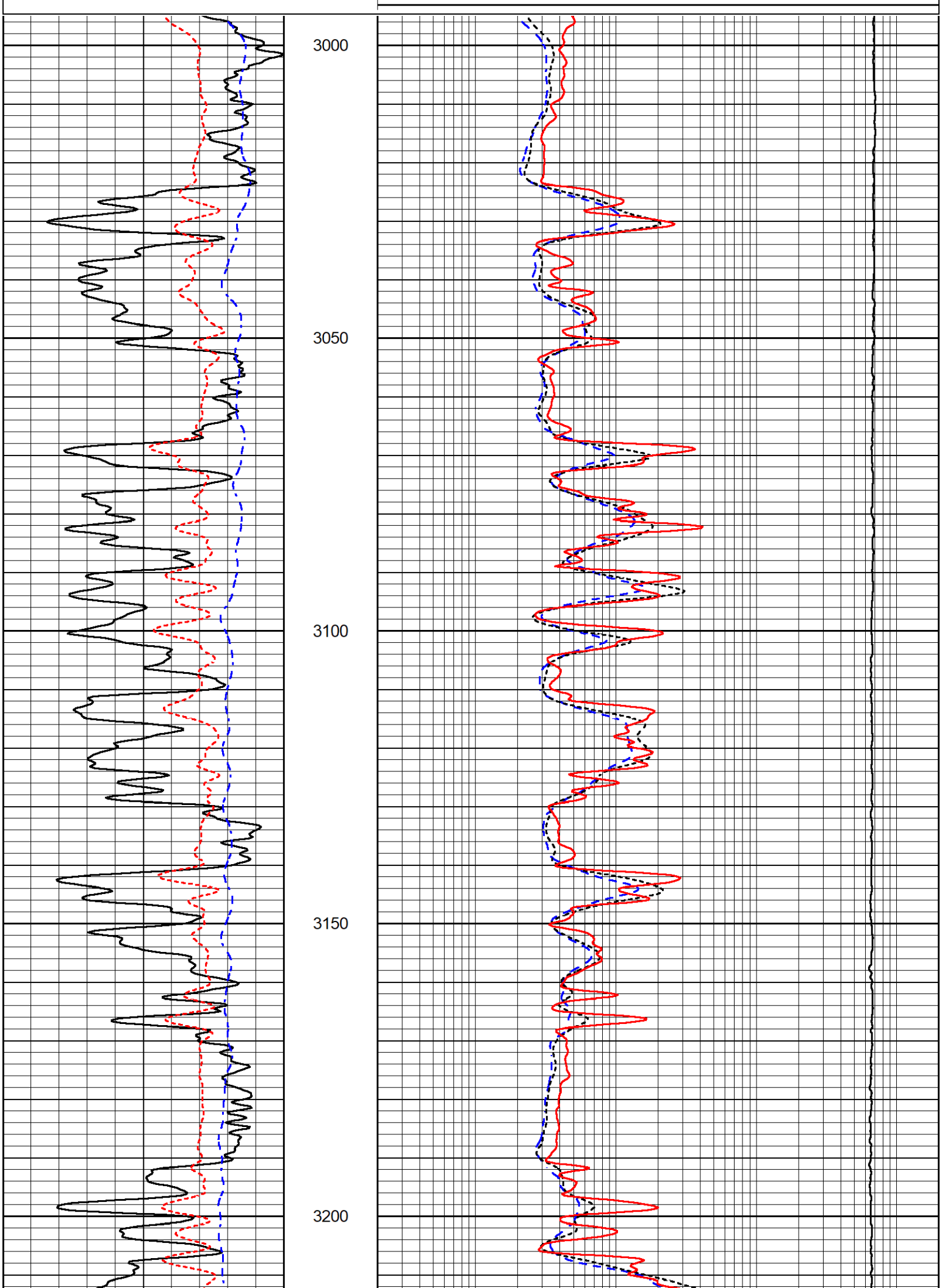
DETAIL SECTION

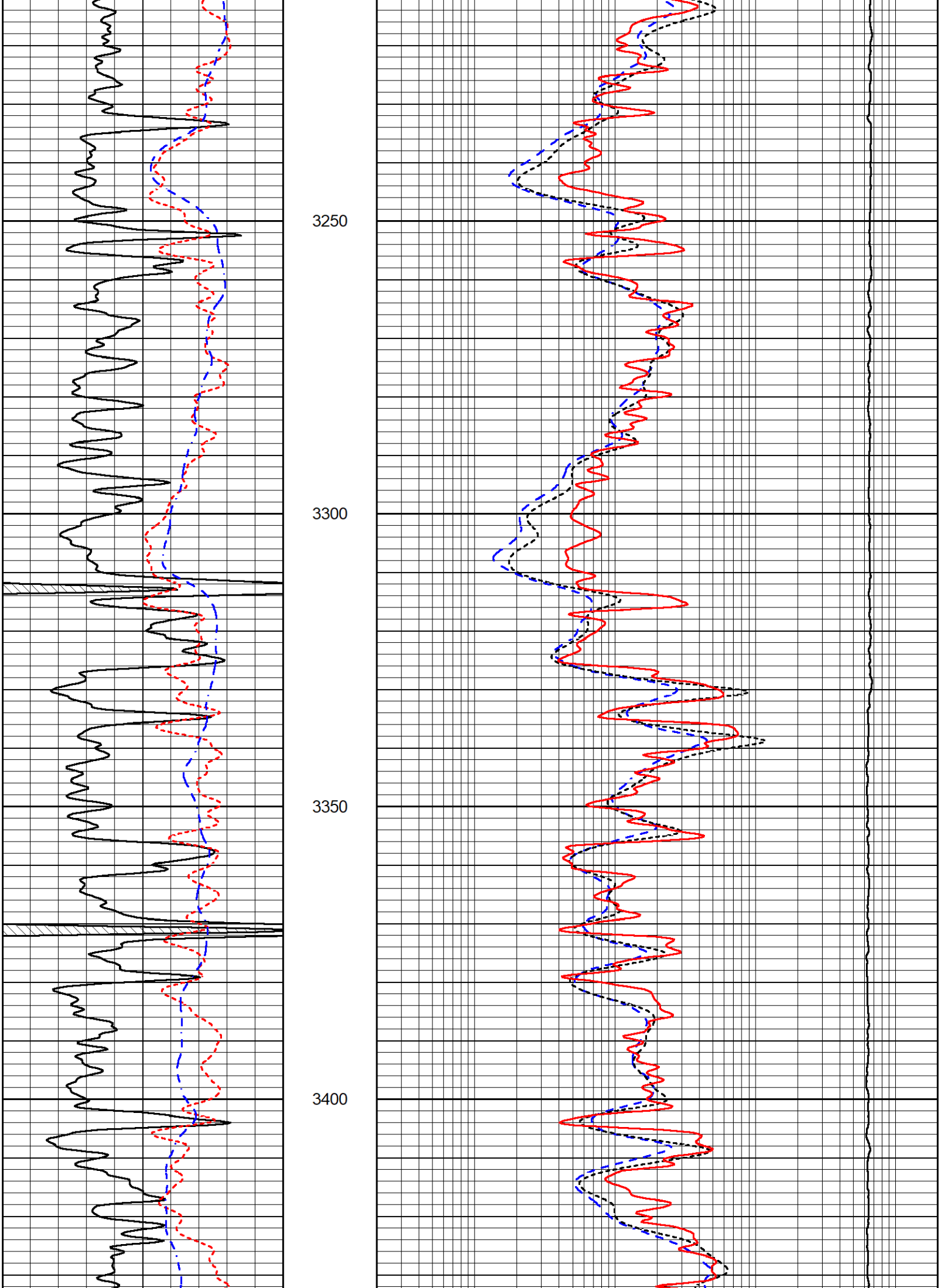
MAIN PASS

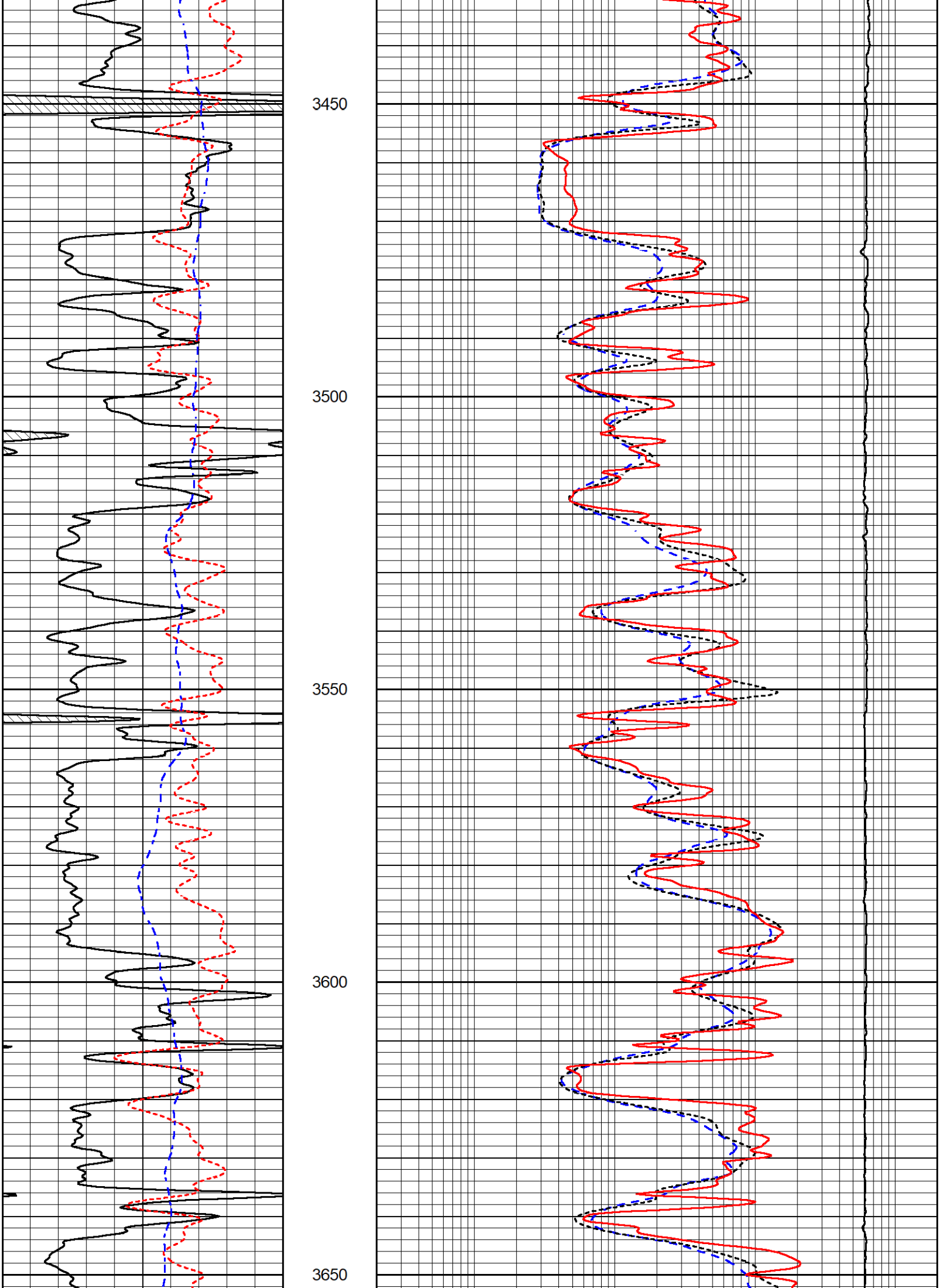
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Dataset Pathname	stkml/pass3.1
Presentation Format	_dil
Dataset Creation	Tue Jun 25 10:58:24 2024
Charted by	Depth in Feet scaled 1:240

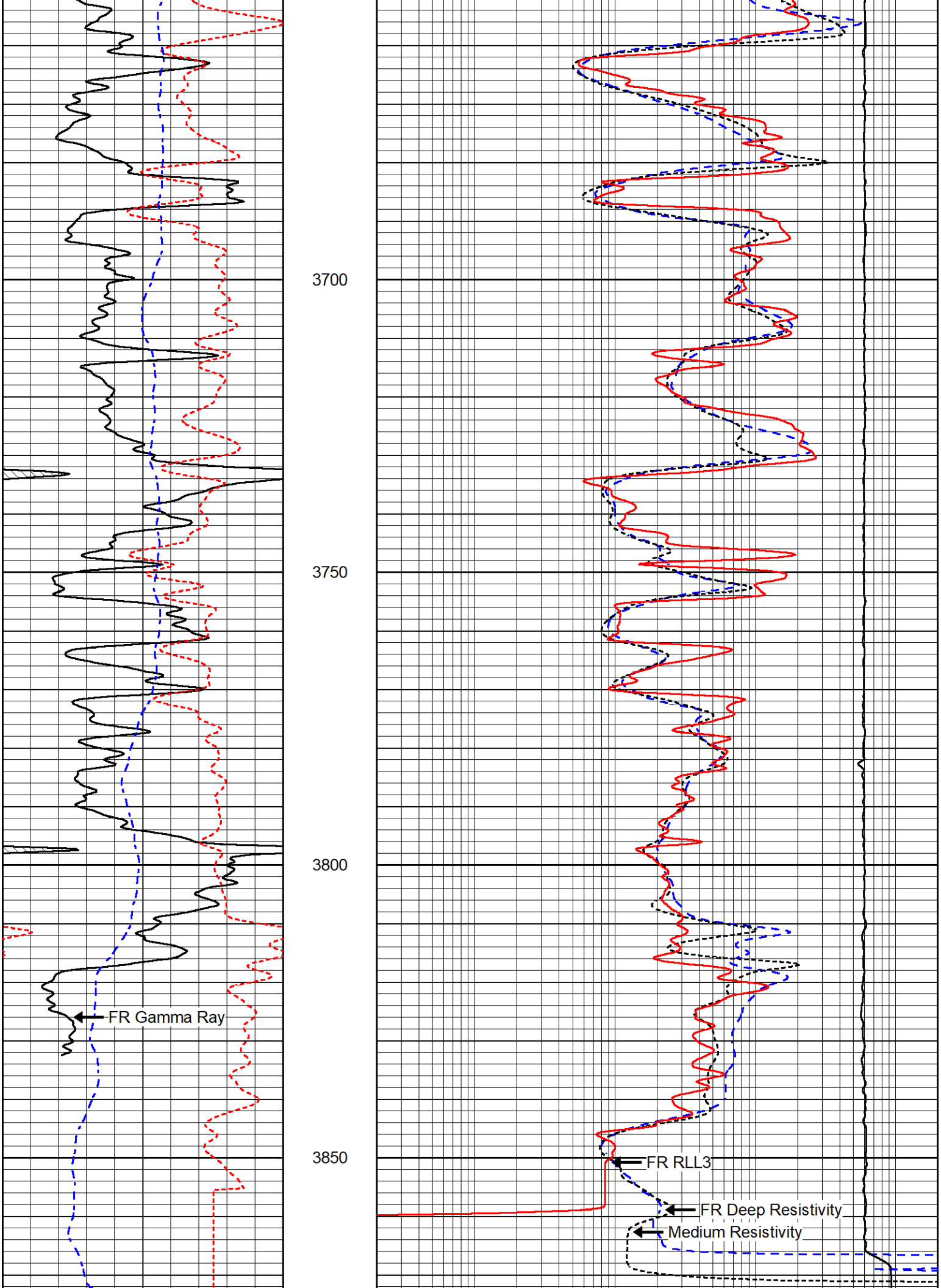
0	Gamma Ray (GAPI)	150
50	RXORT	250
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
10000	Line Tension (lb)	0


3000
3050
3100
3150
3200


3250
3300
3350
3400


3450
3500
3550
3600
3650


3700
3750
3800
3850
FR Gamma Ray
FR RLL3
FR Deep Resistivity
Medium Resistivity

0	Gamma Ray (GAPI)	150
50	RXORT	250
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
10000	Line Tension (lb)	0

MIDWEST WIRELINE

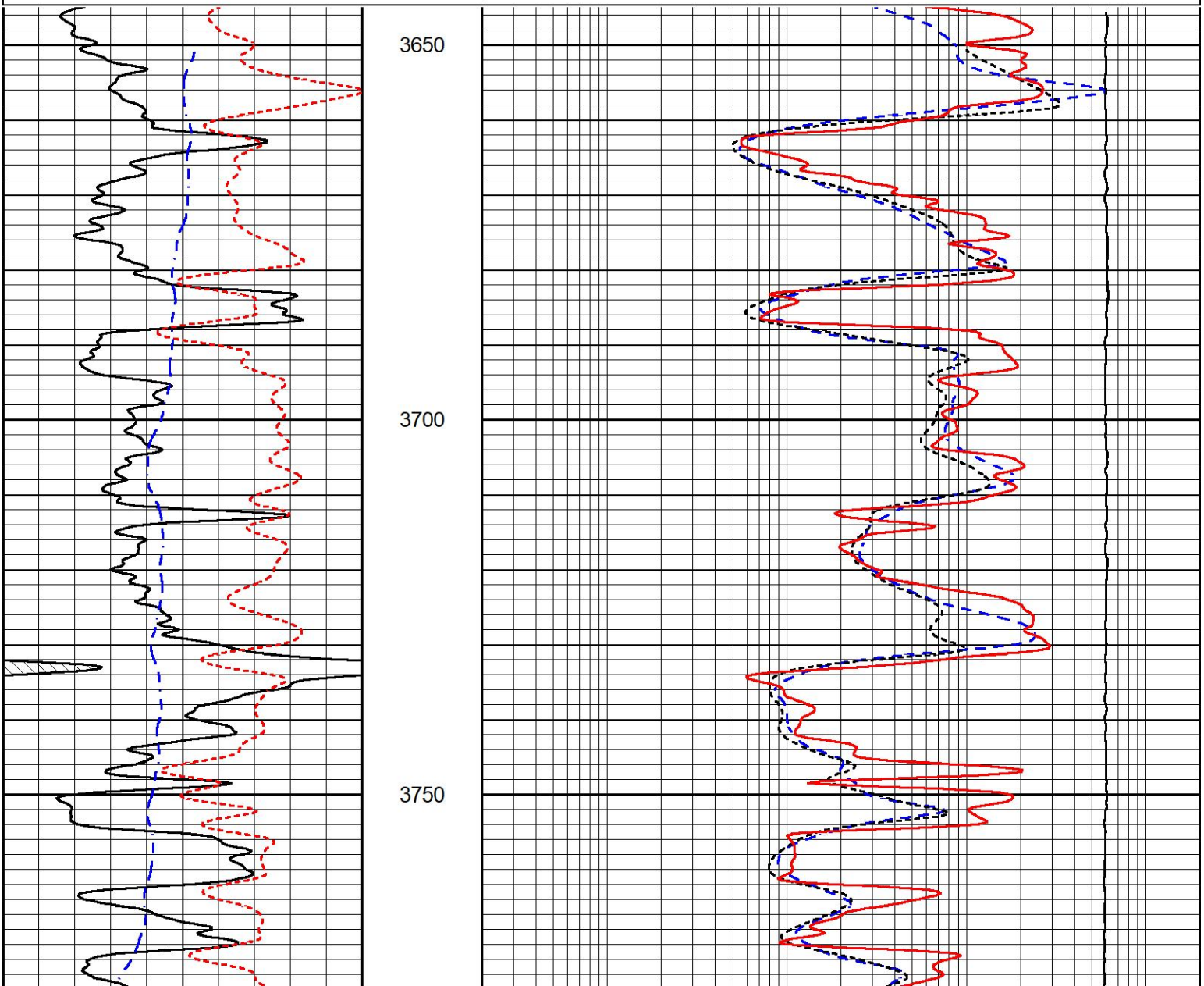
REPEAT SECTION

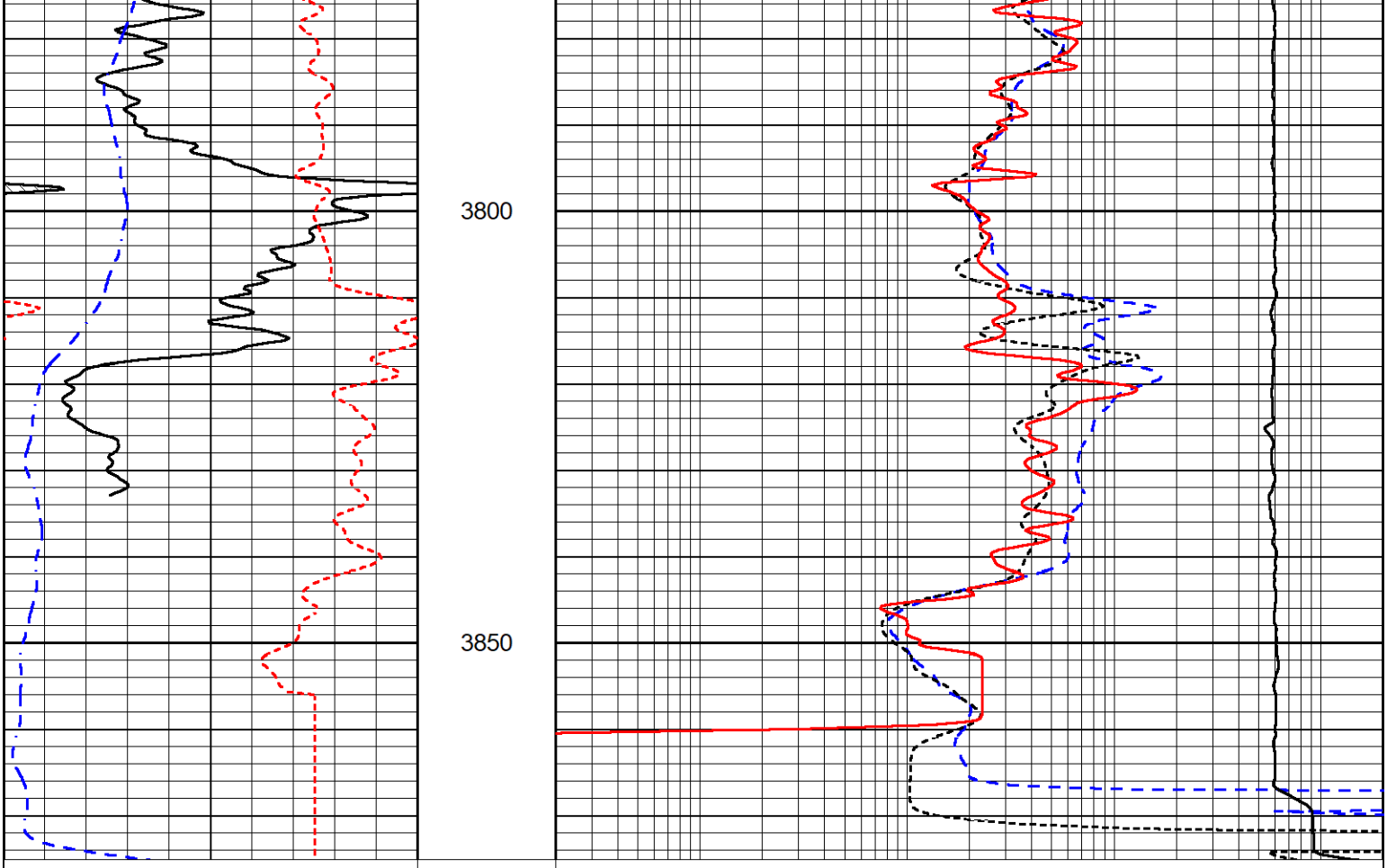
REPEAT PASS

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Dataset Pathname	stkml/pass2.1
Presentation Format	_dil
Dataset Creation	Tue Jun 25 10:28:08 2024
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
50	RXORT	250
-200	SP (mV)	0

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
10000	Line Tension (lb)	0





Calibration Report

Database File	anchor bay_weber 1.db
Dataset Pathname	stkml/pass3.1
Dataset Creation	Tue Jun 25 10:58:24 2024

Dual Induction Calibration Report

Serial-Model:	506-M&W
Surface Cal Performed:	Thu May 30 05:57:40 2024

	Readings		References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	84.211	428.152	0.000	255.800	mmho/m	0.470	-32.000
Medium	141.000	670.654	0.000	255.800	mmho/m	0.395	-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	21000.0000	-0.5000

Inverse	0.1208	0.0013	0.0000	10.0000	Ohm-m	30500.0000	-0.2000
Caliper	1.0046	1.1419	5.5000	20.0000	in	50.0000	-44.6250

Compensated Density Calibration Report

Serial-Model: 303-03-M&W
Source #: 21170B
Master Calibration Performed: Fri Mar 22 13:26:25 2024

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.680	g/cc	5466.68	7555.42	cps
Aluminum	2.580	g/cc	1173.67	5050.86	cps

Spine Angle = 75.33 Density/Spine Ratio = 0.566

	Size		Reading
Small Ring	4.00	in	1.17
Large Ring	14.00	in	1.07

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

MIDWEST WIRELINE

Company	Anchor Bay Petroleum LLC
Well	Weber #1
Field	Pleasant
County	Ellis
State	Kansas