



MIDWEST WIRELINE

DUAL INDUCTION LOG

Company Arcadian Resources

Well A. B. Fischer #14-3

Field

County Cheyenne State Kansas

Location: API #: 15-023-21556-00-00

2310 FNL 990 FWL

SEC 14 TWP 5S RGE 37W

CNL/CDL
MEL/BHCS

Permanent Datum Ground Level Elevation 3371
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation
K.B. 3376
D.F.
G.L. 3371

Date 11/2/2021

Run Number One

Depth Driller 4800

Depth Logger 4800

Bottom Logged Interval 4799

Top Log Interval 350

Casing Driller 8.625 @ 367

Casing Logger 326

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 500

Density / Viscosity 9.6 46

pH / Fluid Loss 8.5 10.4

Source of Sample FLOWLINE

Rm @ Meas. Temp 0.95 @ 55

Rmt @ Meas. Temp 0.71 @ 55

Rmc @ Meas. Temp 1.28 @ 55

Source of Rmf / Rmc CHARTS

Rm @ BHT 0.42 @ 124

Operating Rig Time 5 Hours

Max Rec. Temp. F 124

Equipment Number P-24

Location HAYS

Recorded By D. Schmidt

Witnessed By Jim Deverman

<<< Fold Here >>>

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.

Brewster,
North to EE Rd, West to 34,
North to D Rd, 1 West, 1/2 North,
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: Jim Deverman
Secondary Witness:
Secondary Witness:
Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.58		GR-M&W (233-M&W)	3.00	3.50	50.00
CNLSC CNSSC	37.48 36.73		CNT-M&W (207-MW)	5.50	3.50	100.00
LSD DCAL SSD	28.43 28.42 27.93		CDL-M&W (934-226)	8.50	4.00	250.00
MCAL MI MN	19.83 19.83 19.83		ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics	7.58	4.00	65.00
RLL3F RLL3	15.80 15.80					
CILD	8.00		DIL-PSI HIGH TEMP (952-828)	18.50	3.50	220.00
CILM	4.70					
SP	0.20					

Dataset: arcadian resources_a b fischer 14-3.db: field/well/stkml/pass3.5
 Total length: 43.08 ft
 Total weight: 685.00 lb
 O.D.: 4.00 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\arcadian resources_a b fischer 14-3.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	124	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	185	40	Off	4800

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

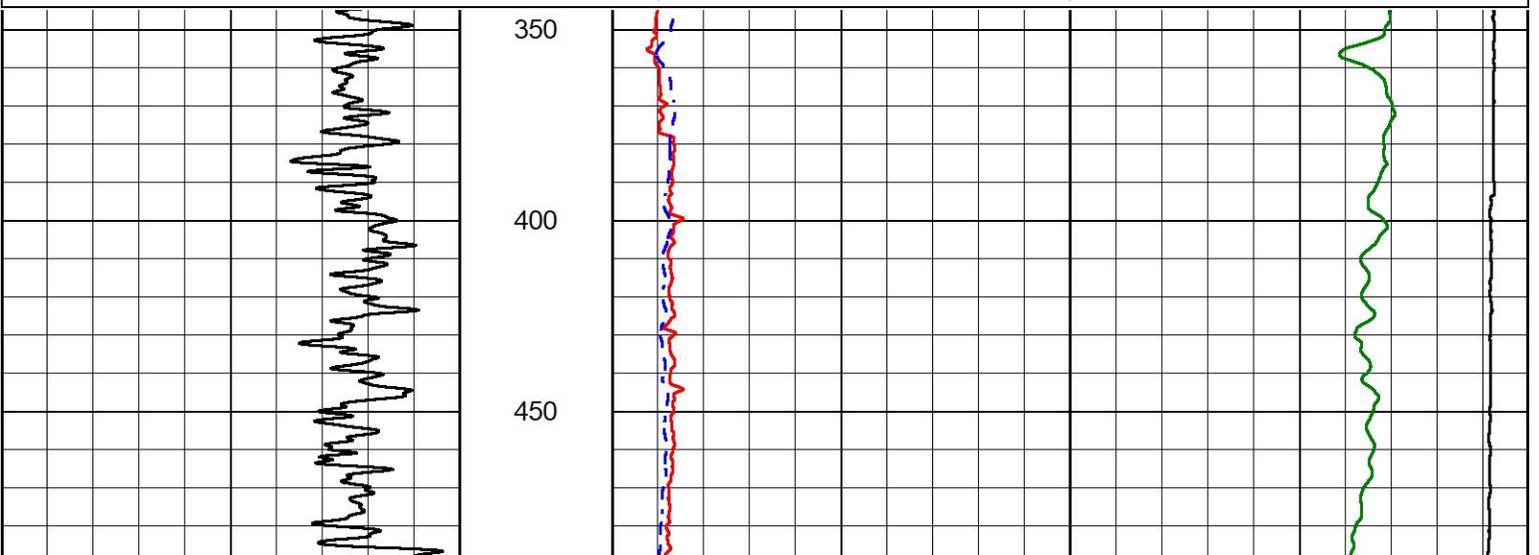


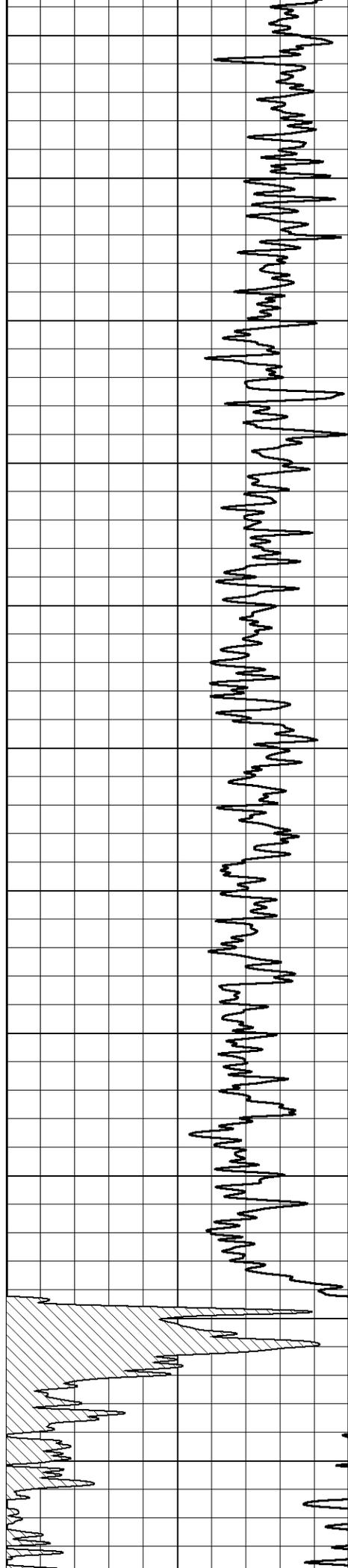
2" SCALE RESISTIVITY

MAIN PASS

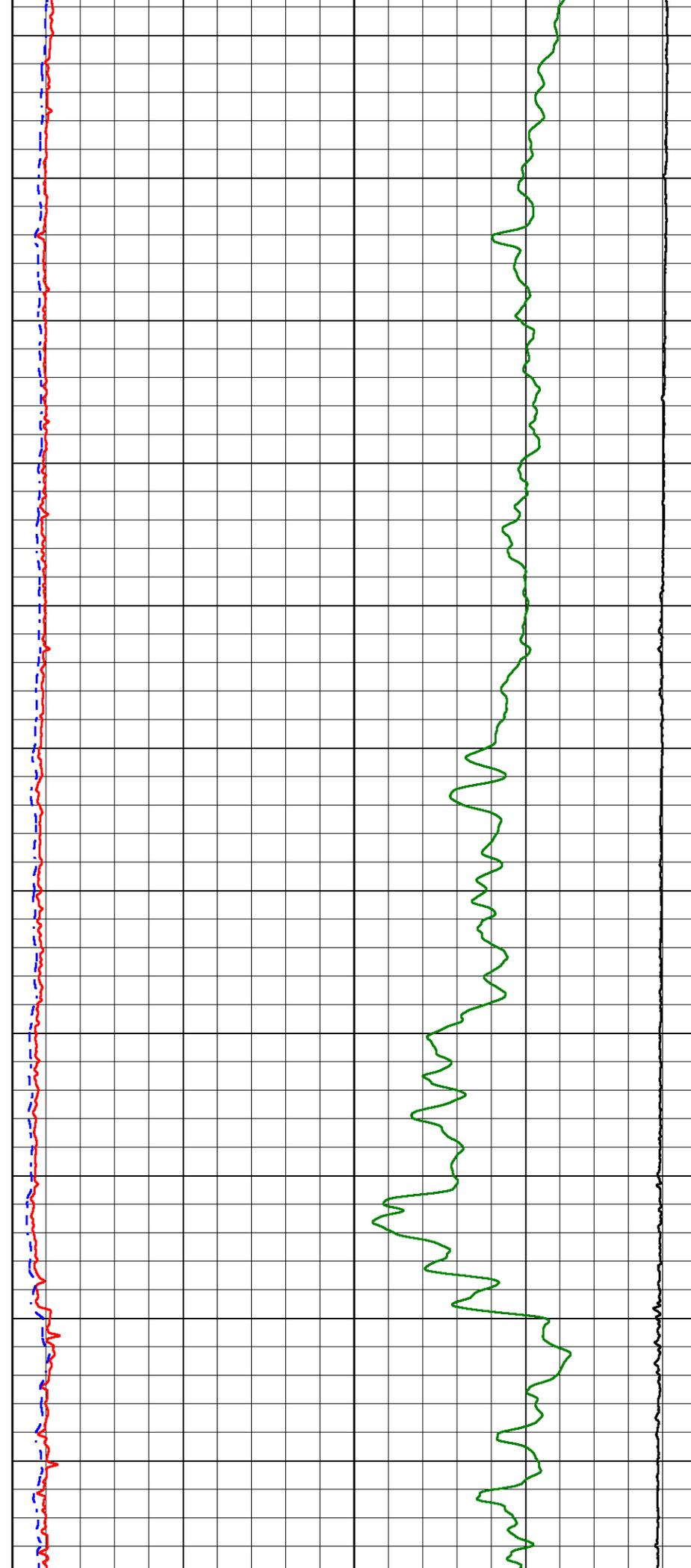
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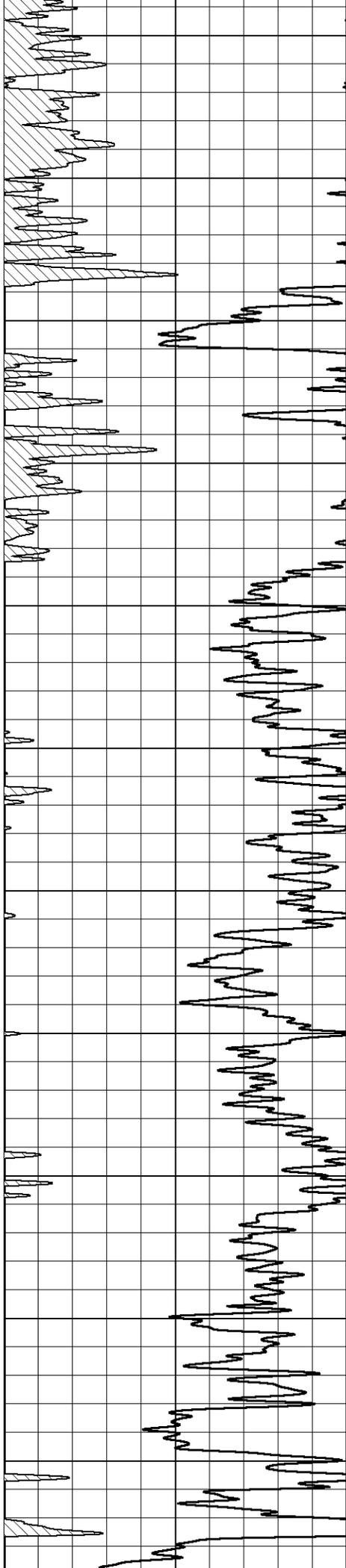
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			15000	Line Tension (lb)	0
0	Shallow Resistivity (Ohm-m)	50			
0	Deep Resistivity (Ohm-m)	50			
	Shallow Resistivity				
50	(Ohm-m)	200			
50	Deep Resistivity (Ohm-m)	200			





500
550
600
650
700
750
800
850
900
950
1000





1050

1100

1150

1200

1250

1300

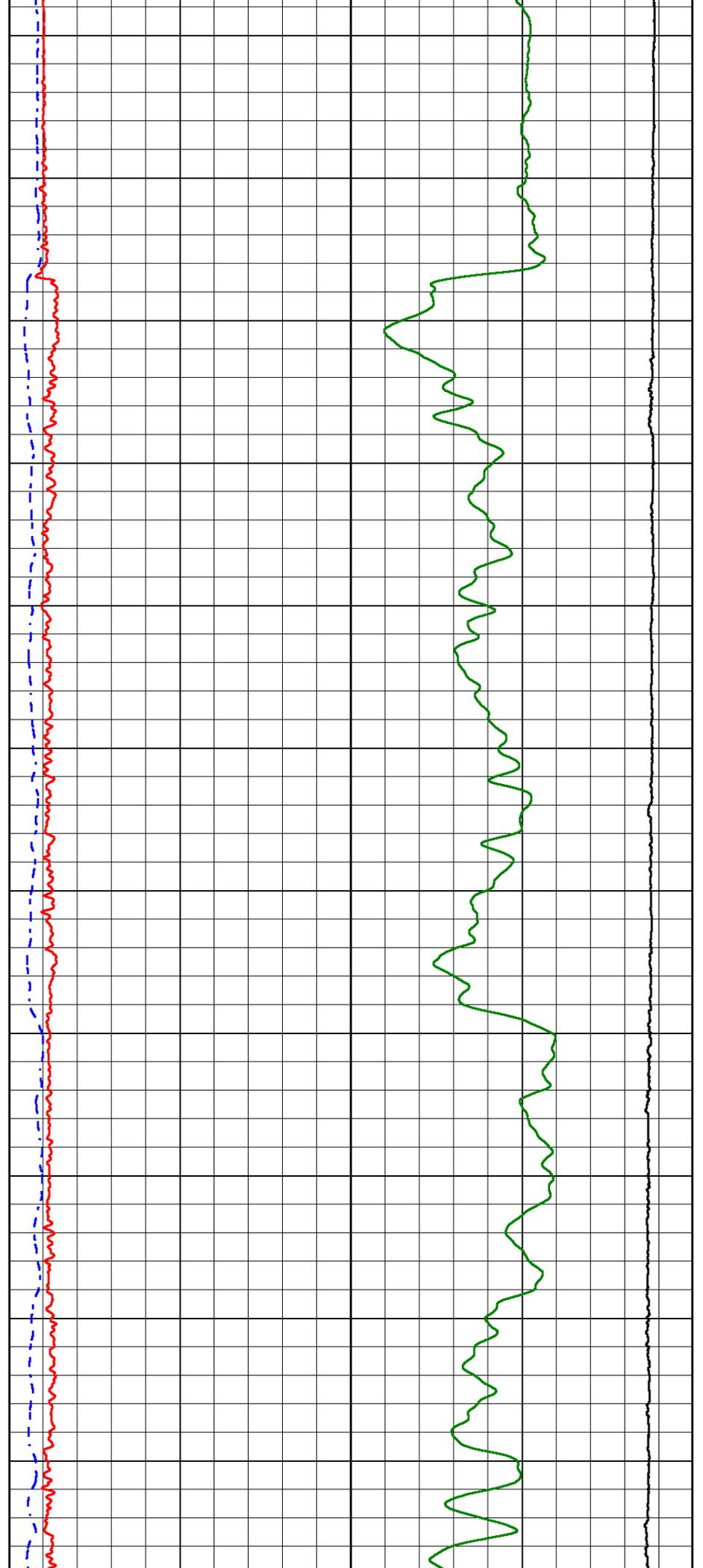
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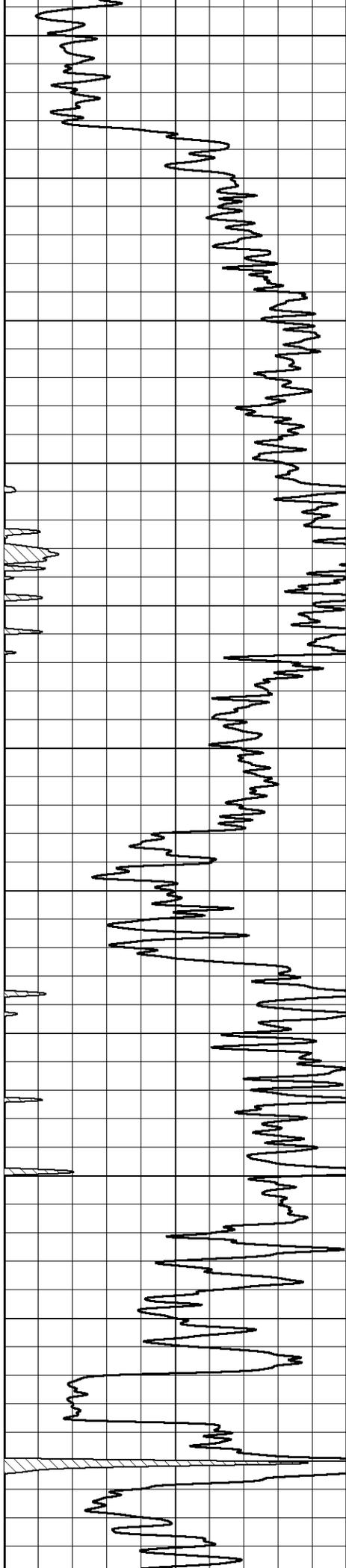
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1450

1500

1550





1600

1650

1700

1750

1800

1850

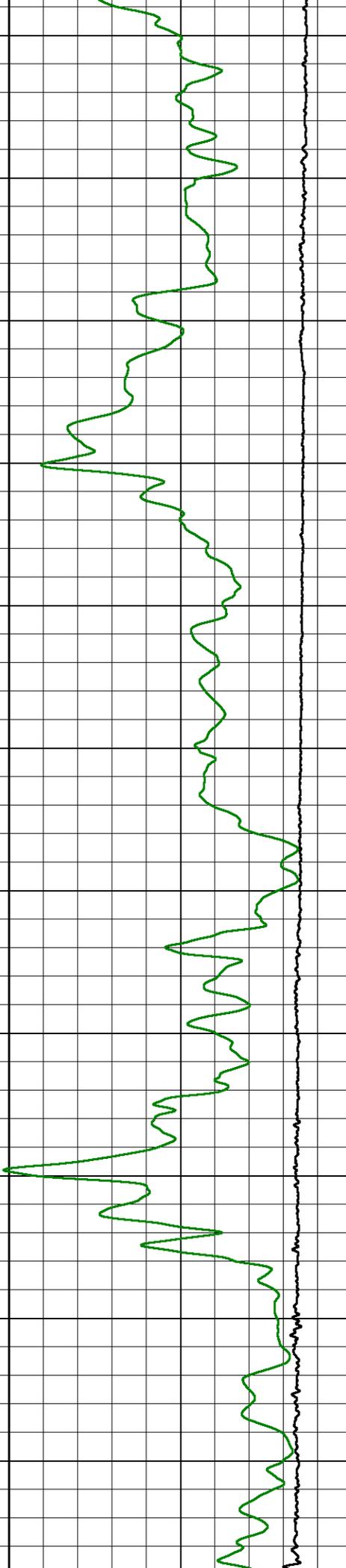
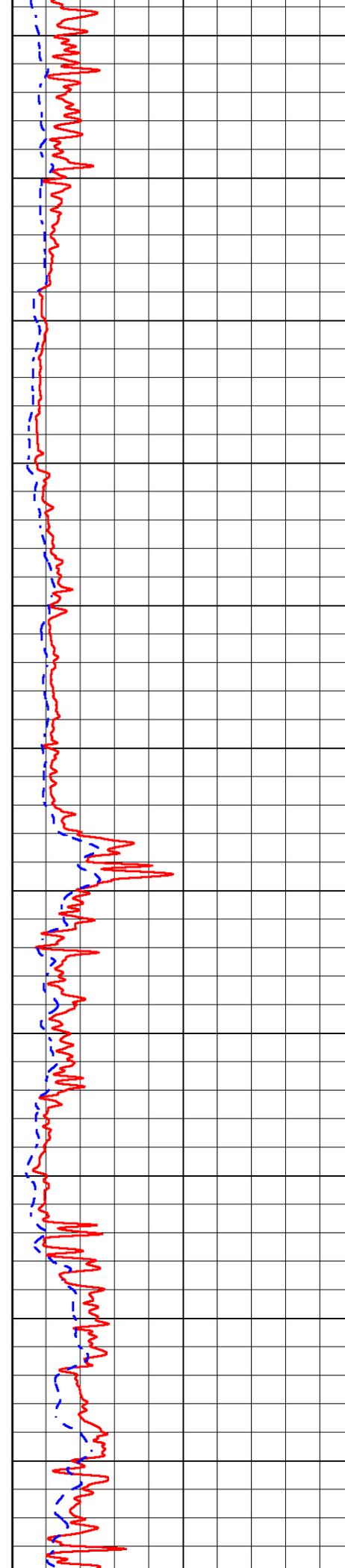
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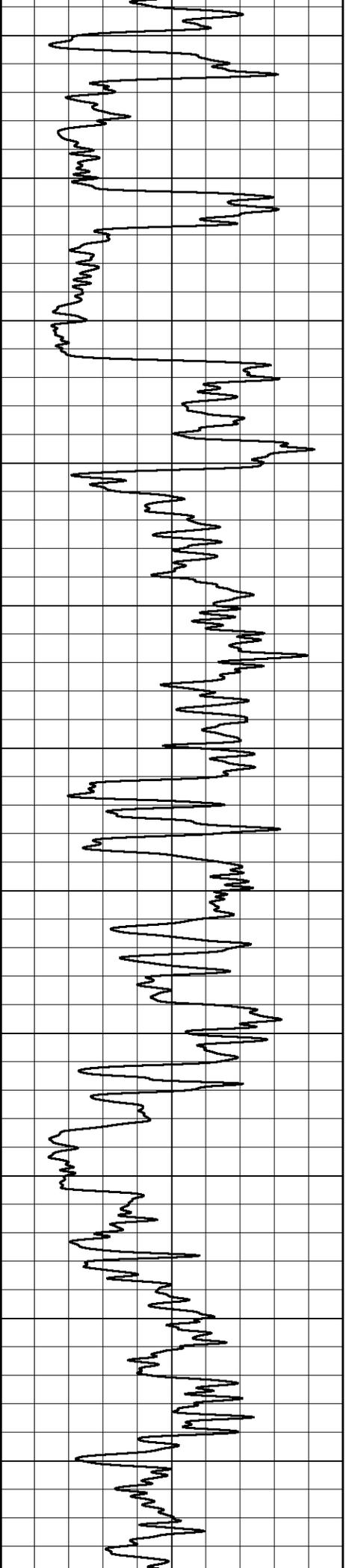
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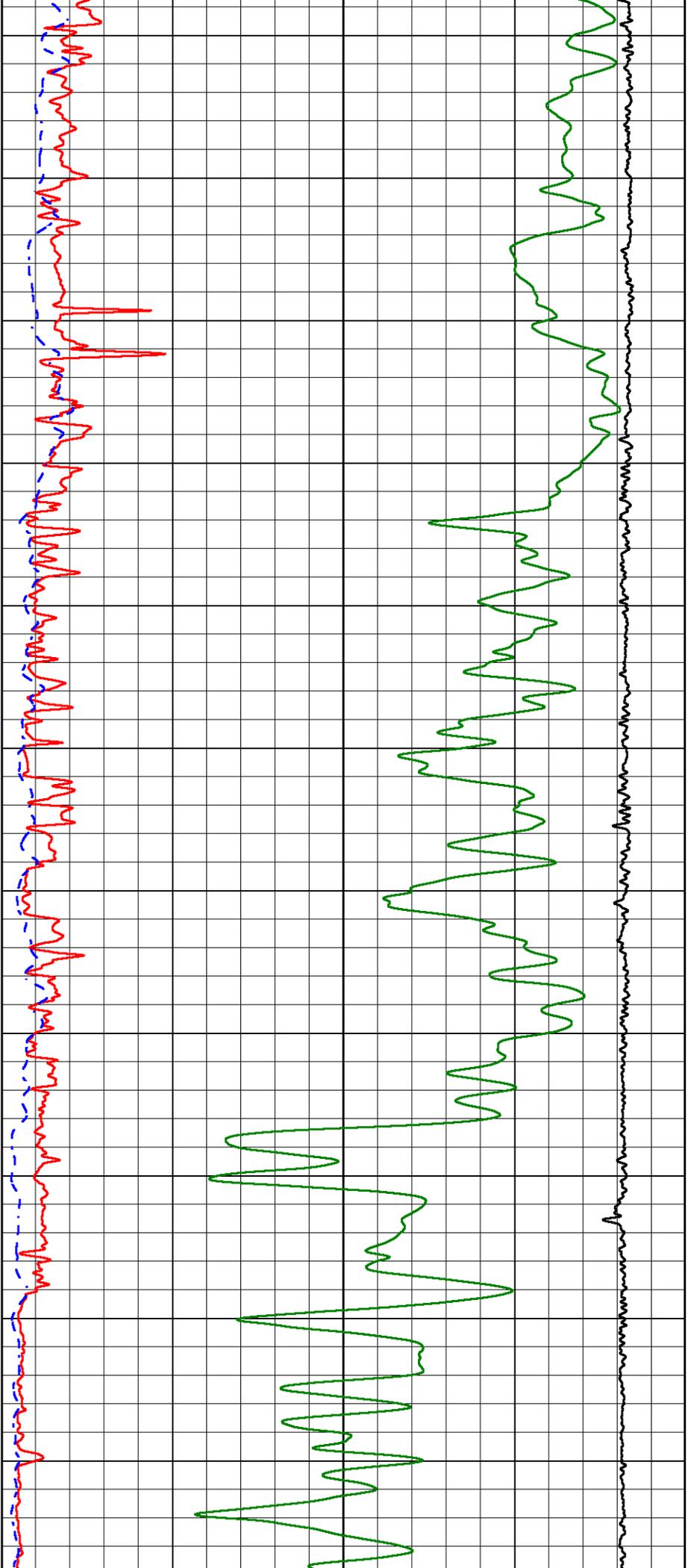
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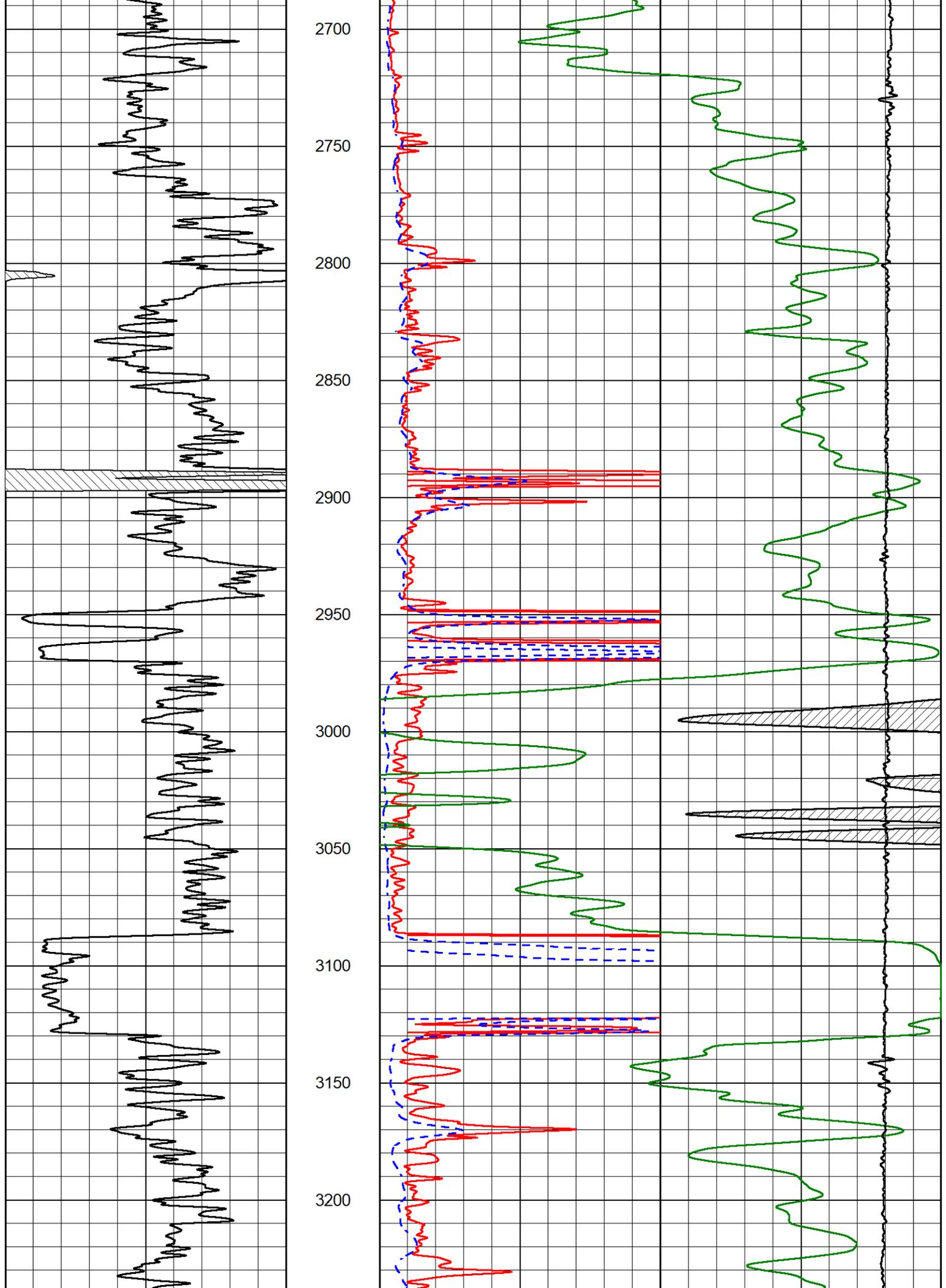
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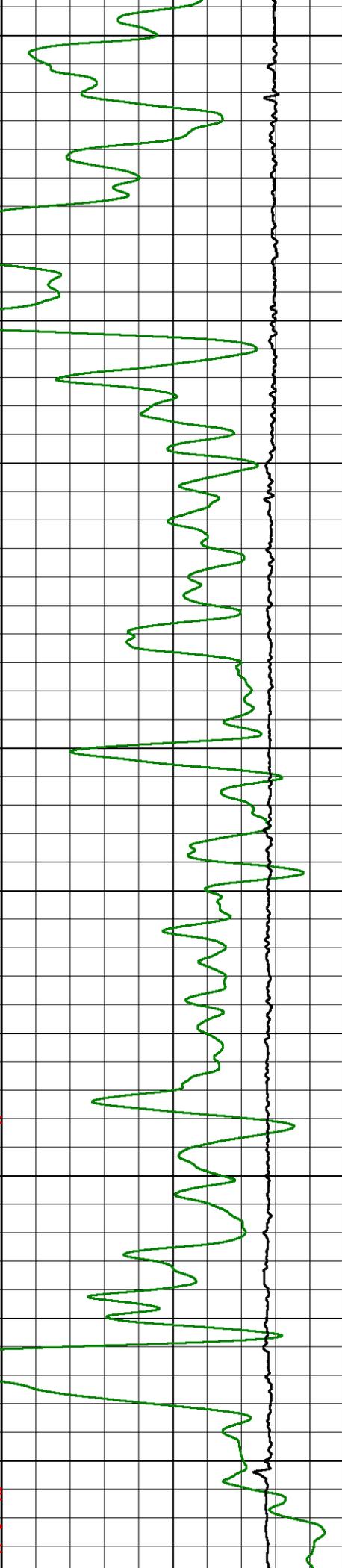
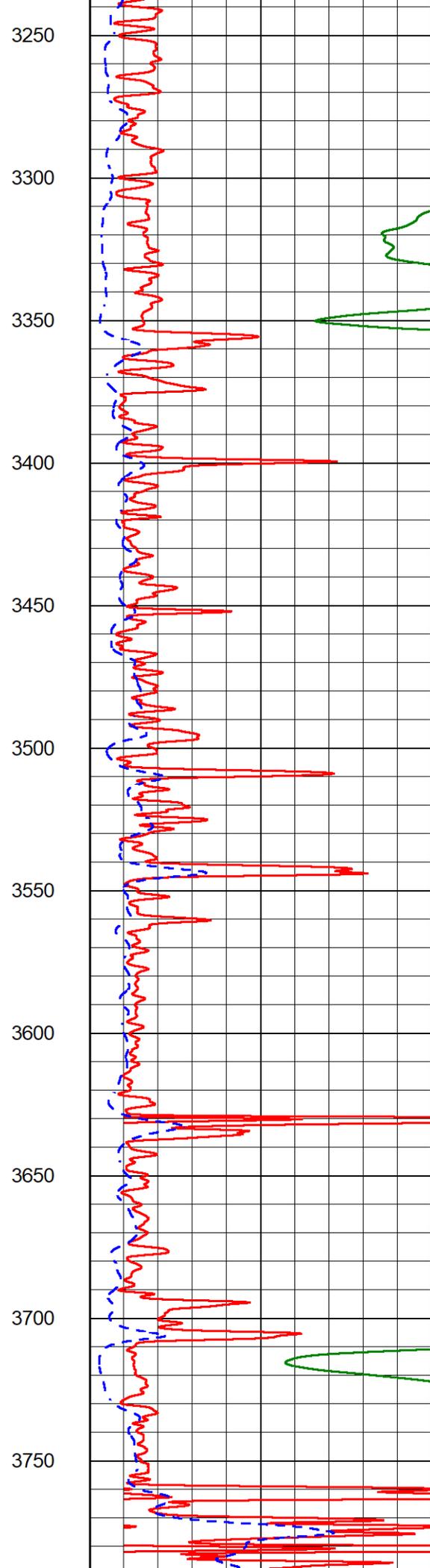
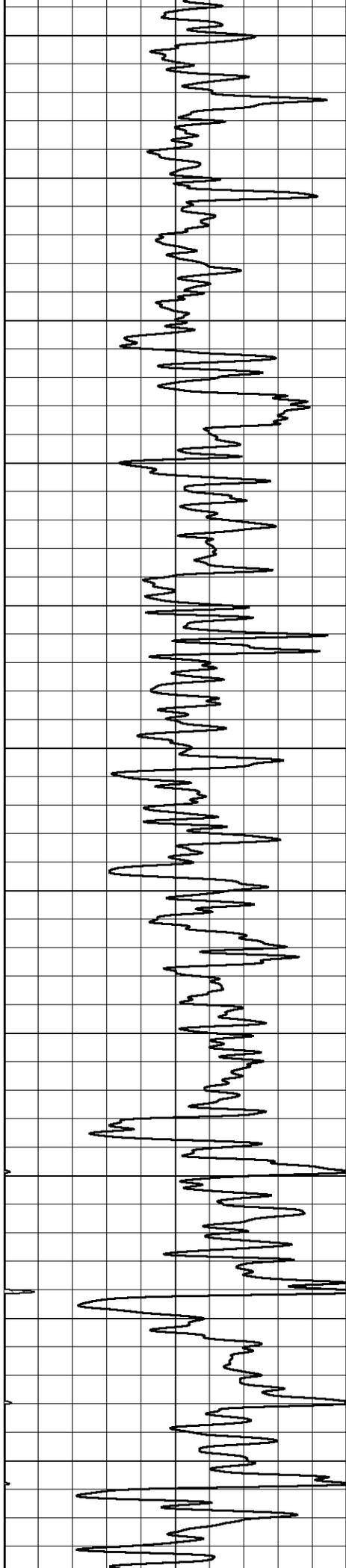


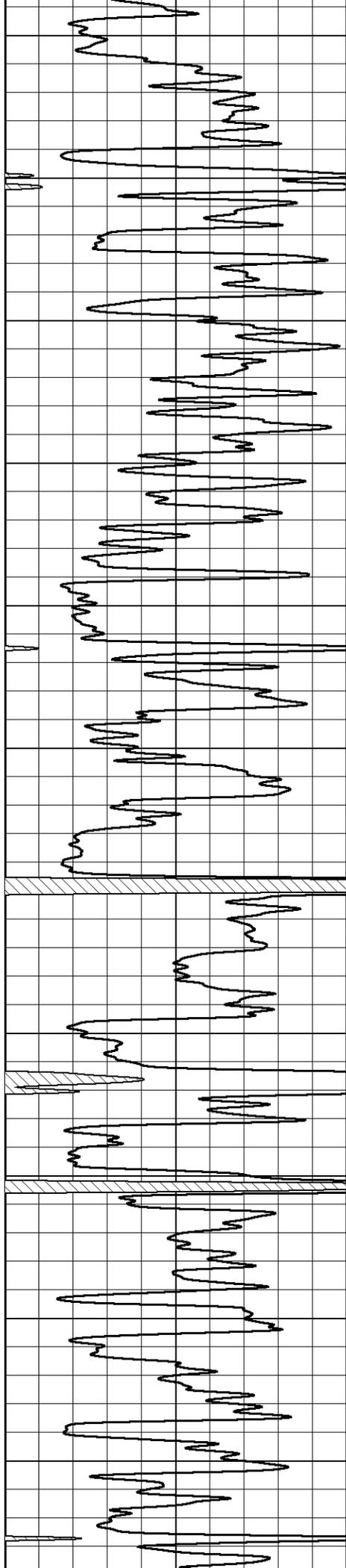


2150
2200
2250
2300
2350
2400
2450
2500
2550
2600
2650









3800

3850

3900

3950

4000

4050

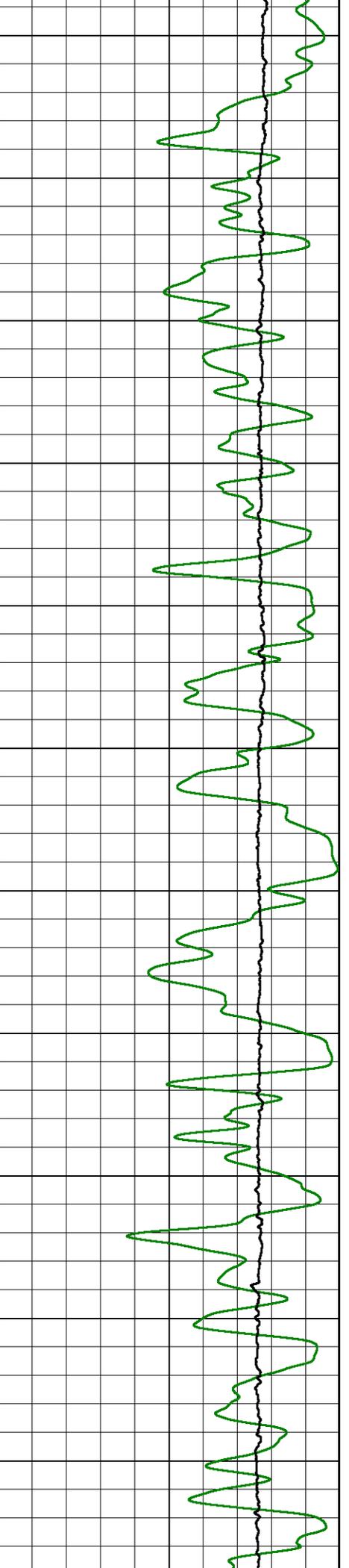
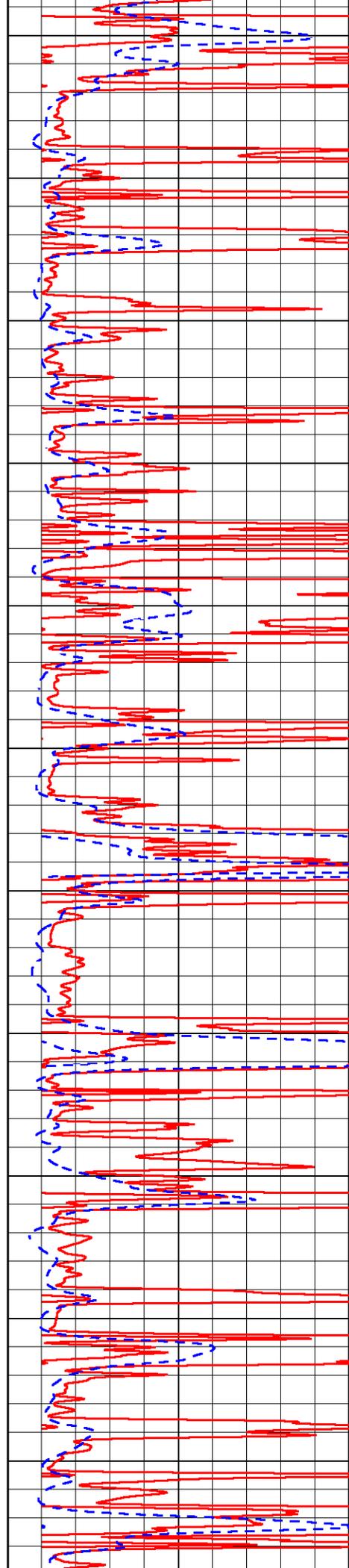
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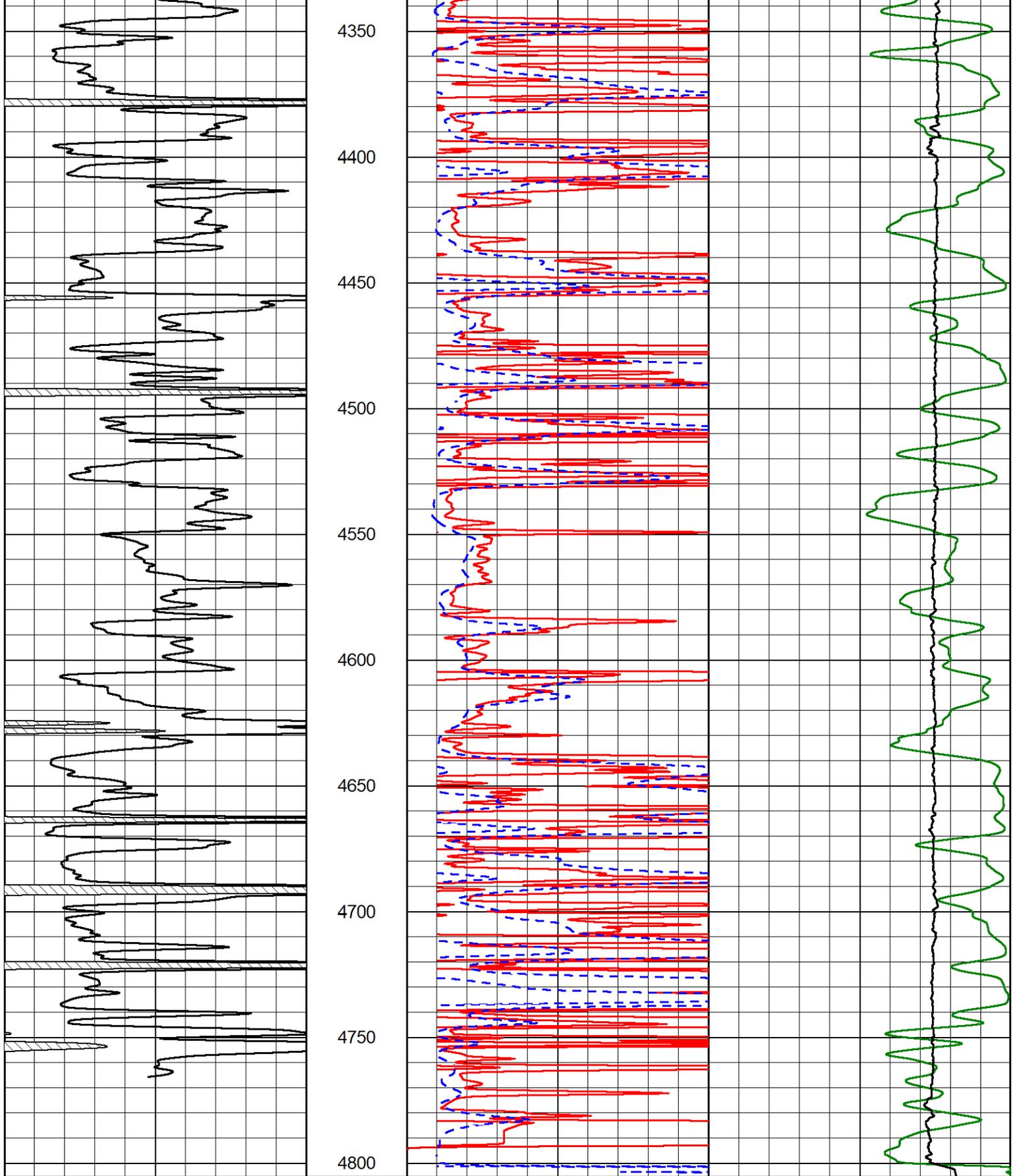
4150

4200

4250

4300





0 Gamma Ray (GAPI) 150

1000 Conductivity (mmho/m) 0

15000 Line Tension (lb) 0

0 Shallow Resistivity (Ohm-m) 50

0 Deep Resistivity (Ohm-m) 50

Shallow Resistivity

50 (Ohm-m) 200

50 Deep Resistivity (Ohm-m) 200



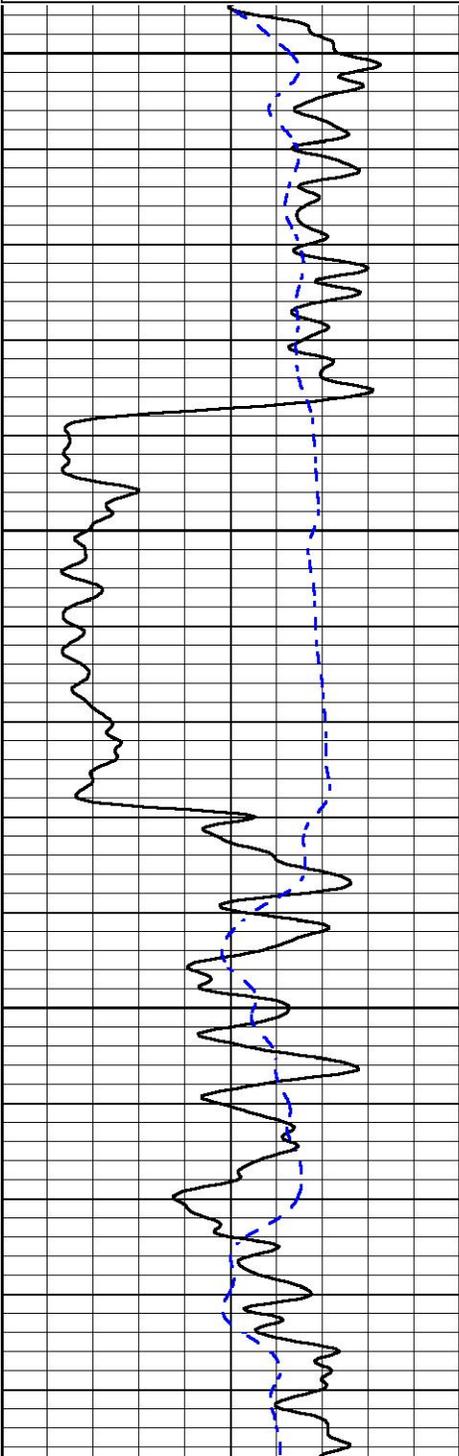
ANHYDRITE SECTION

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-200	SP (mV)	0

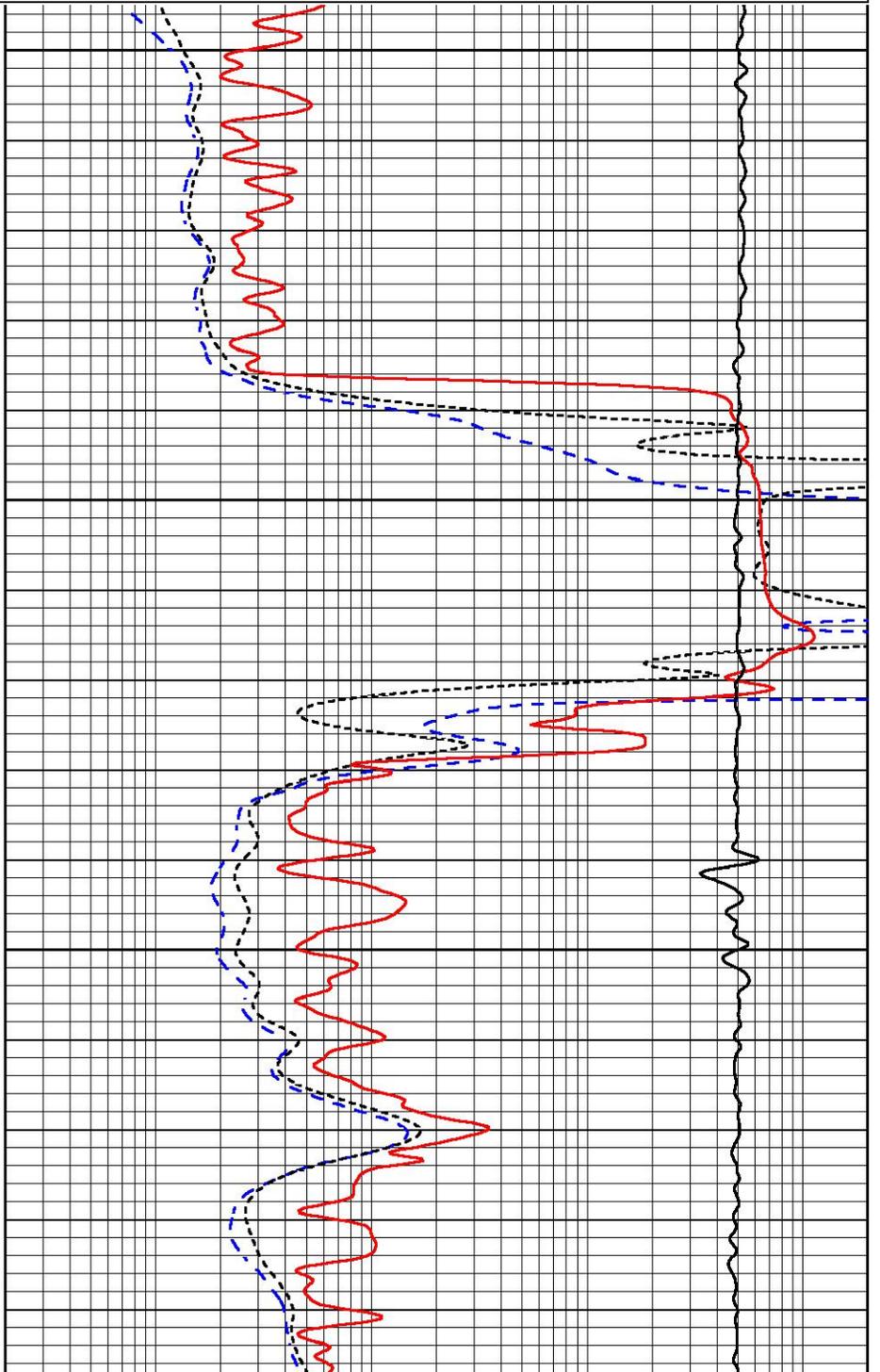
0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

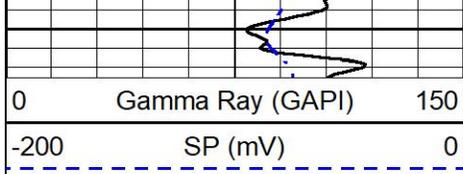


3050

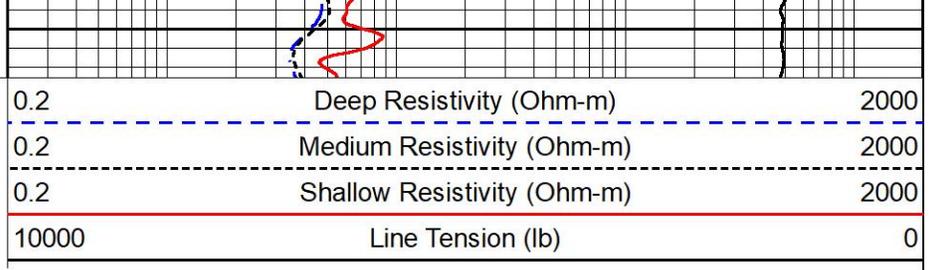
3100

3150





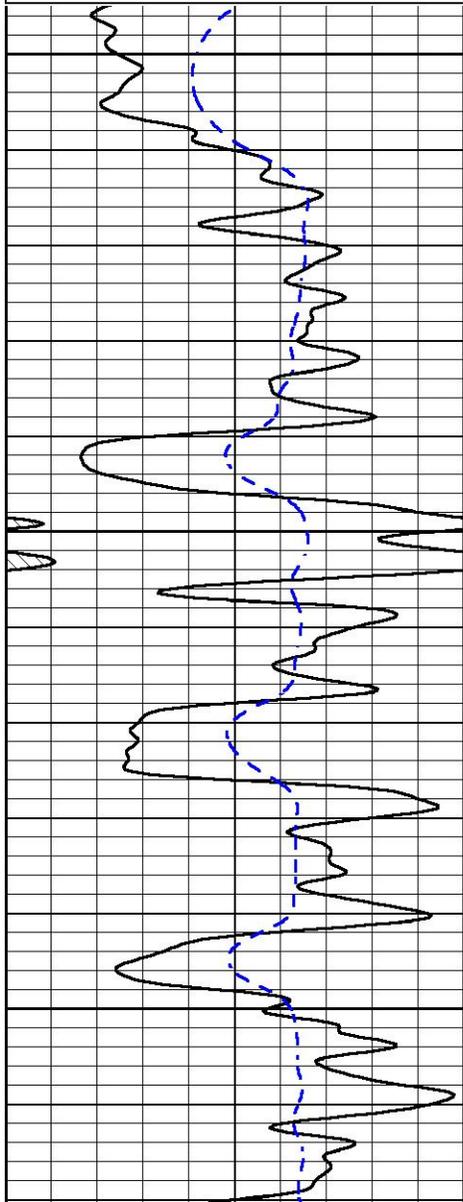
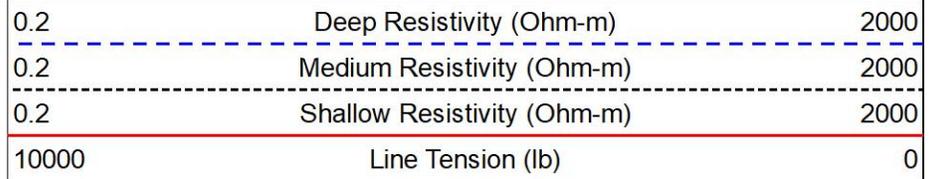
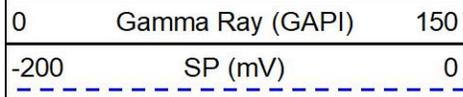
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DETAIL SECTION

MAIN PASS

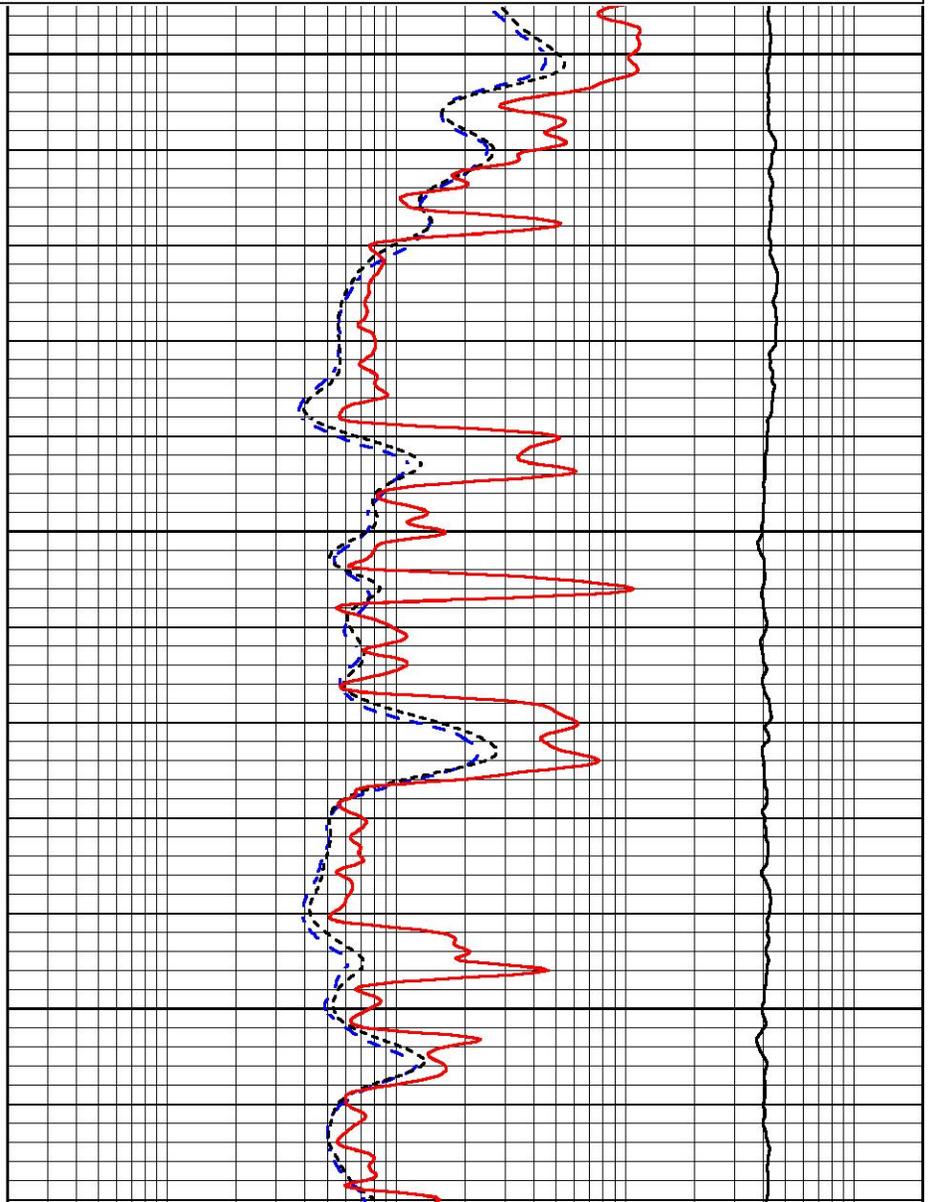
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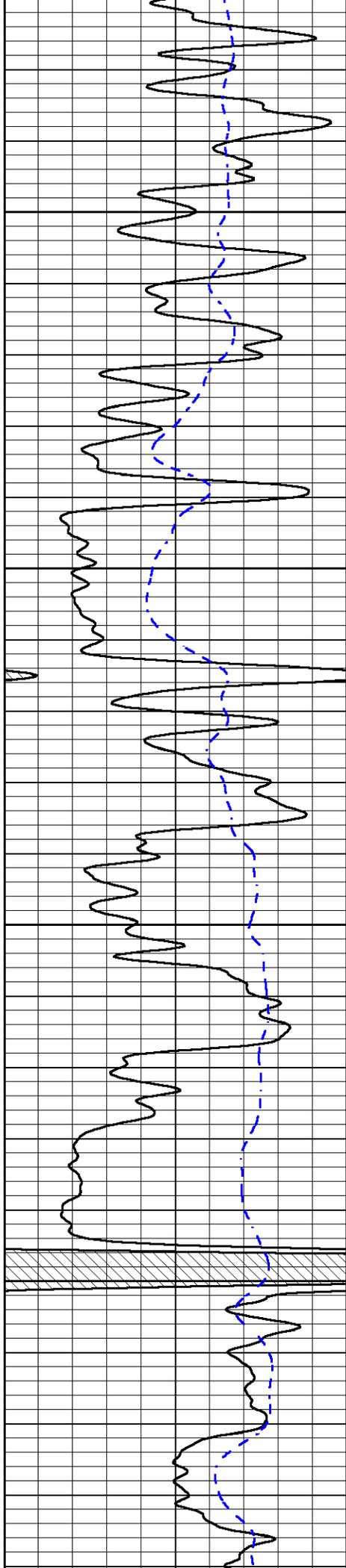


3800

3850

3900



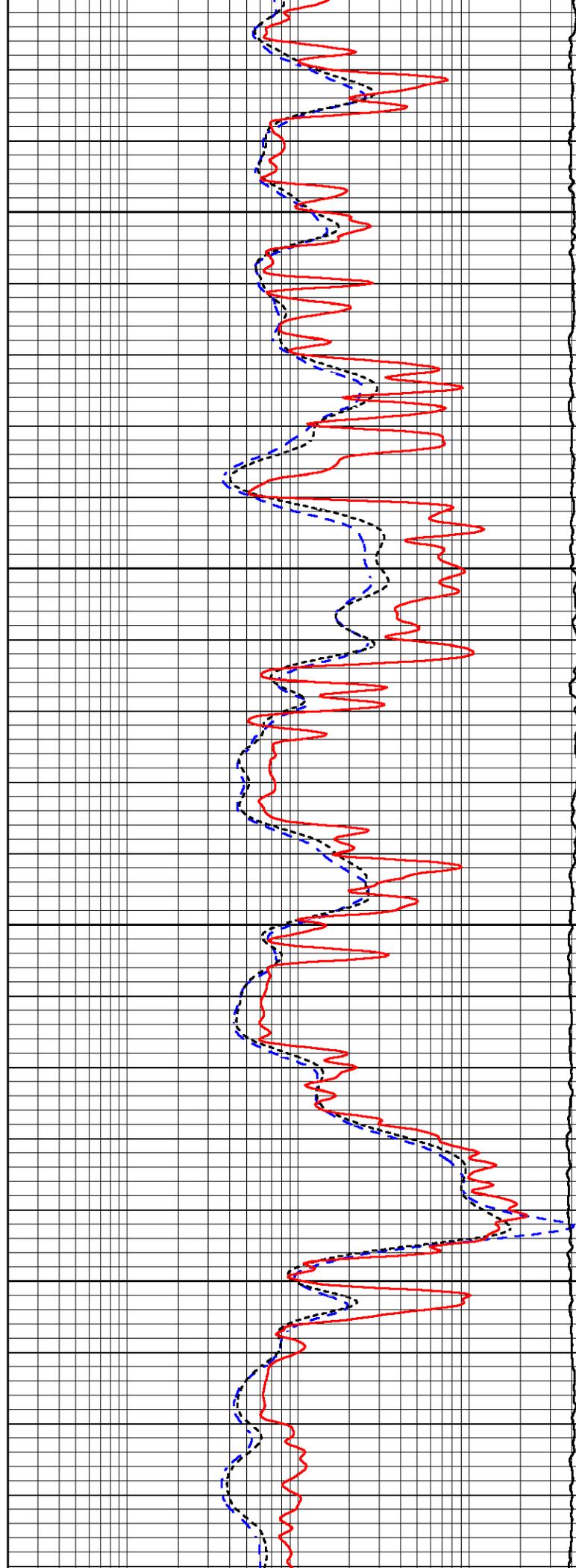


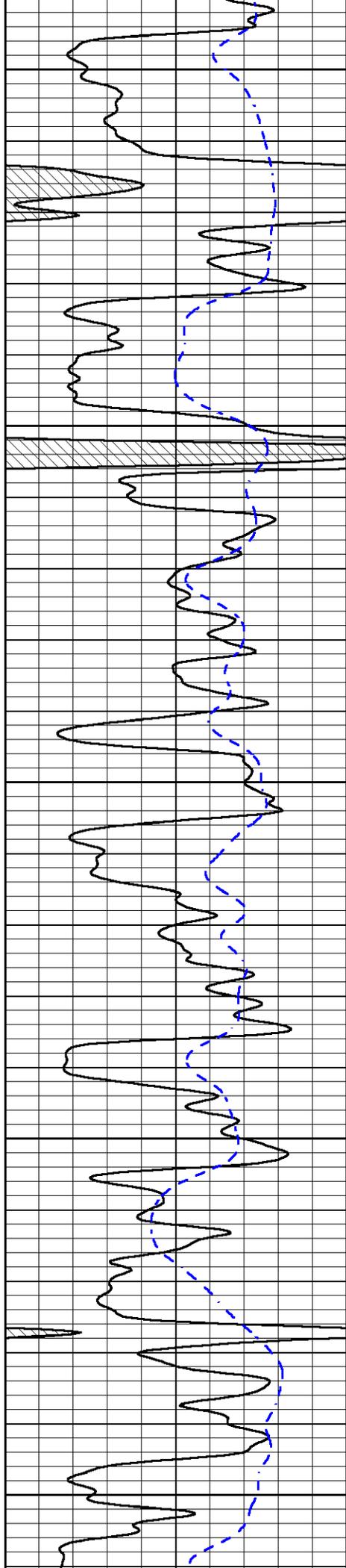
3950

4000

4050

4100





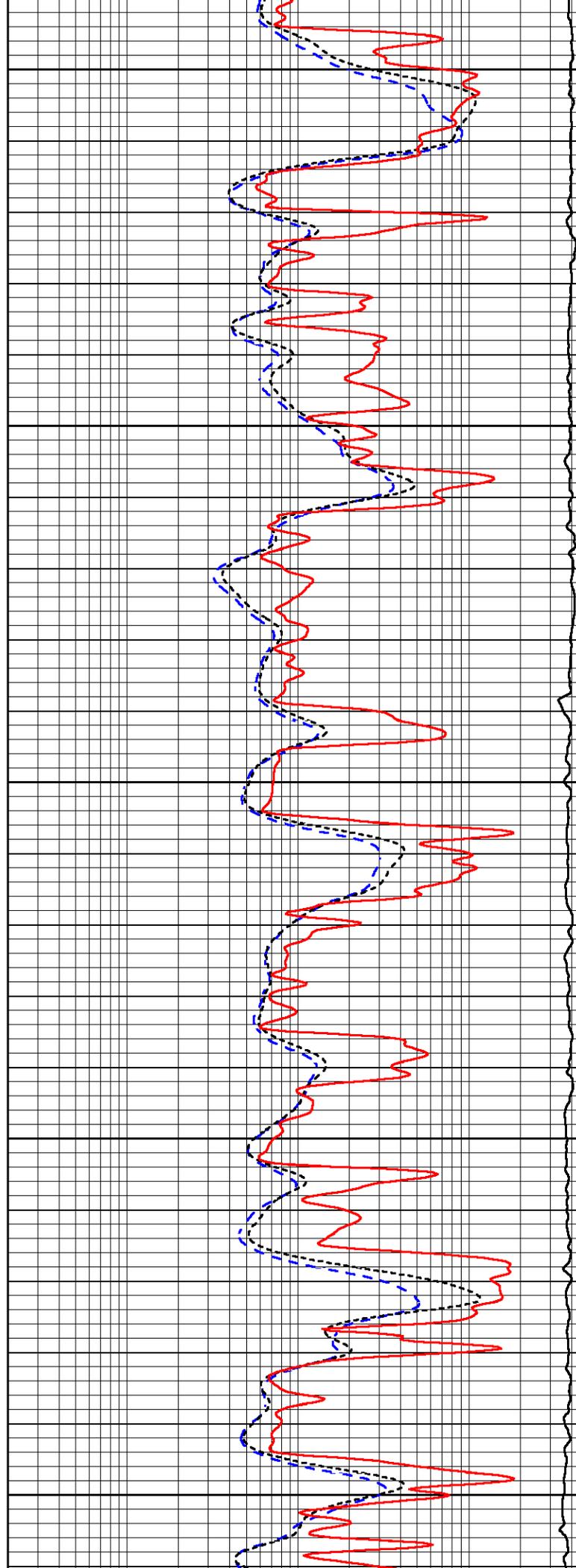
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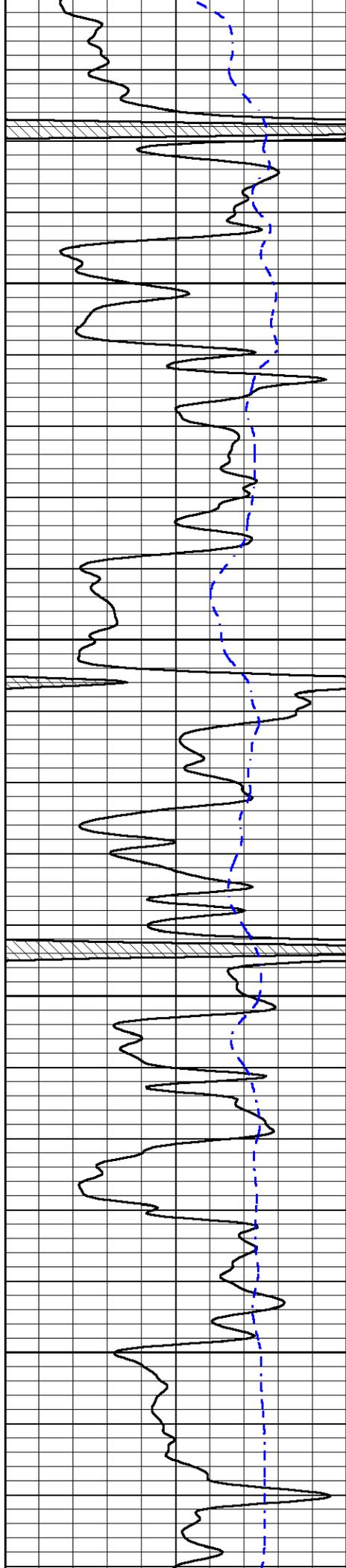
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4250

4300

4350



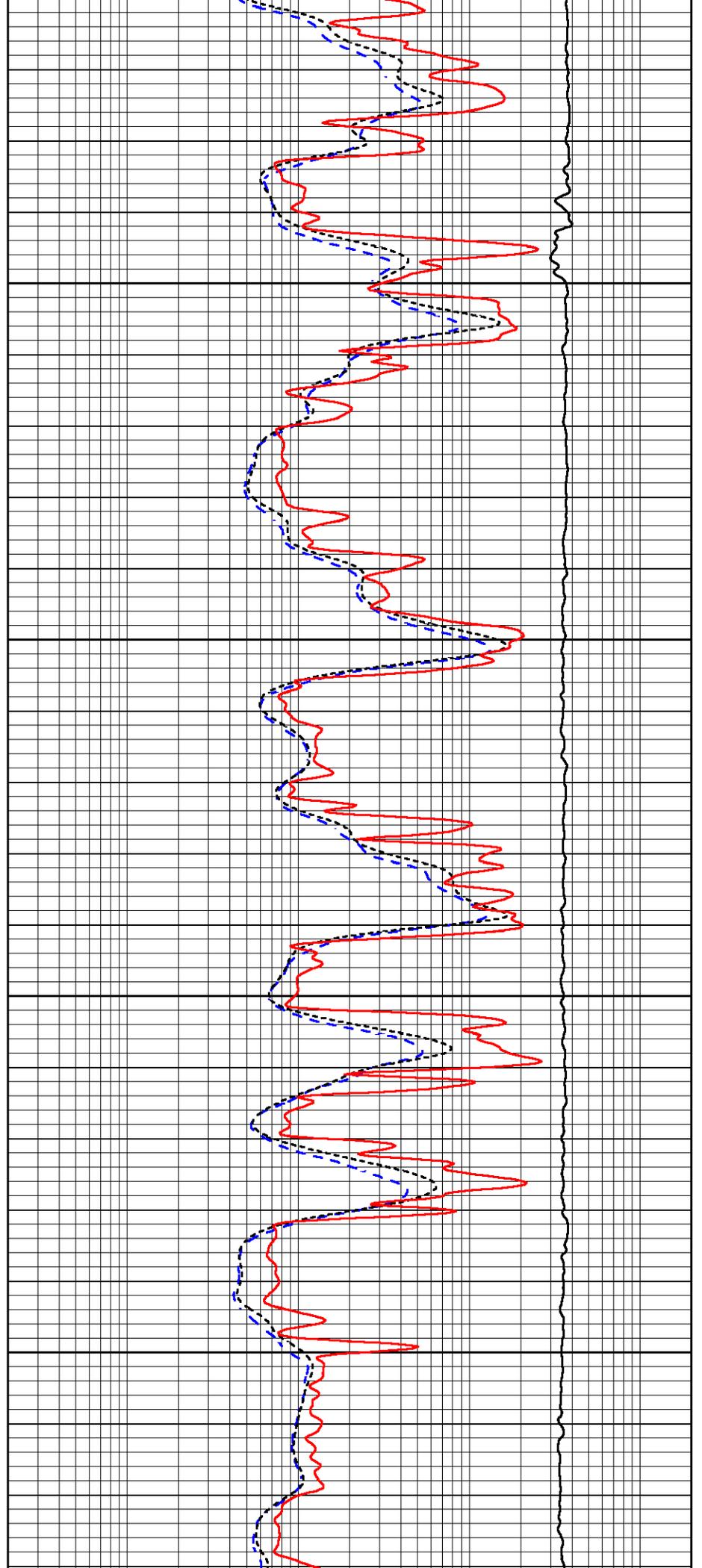


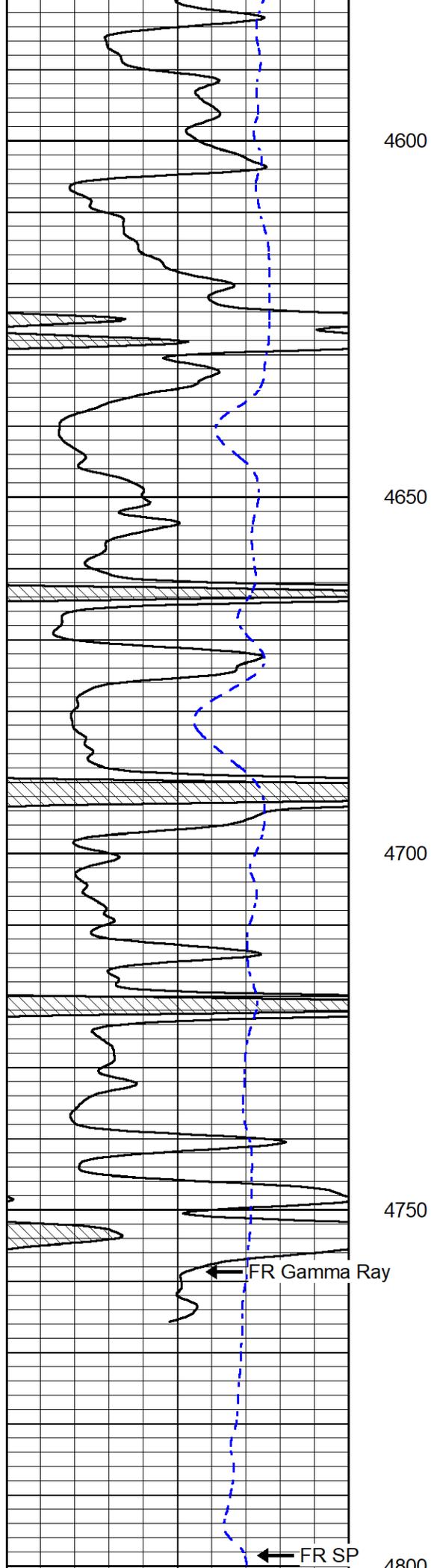
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4450

4500

4550





4600

4650

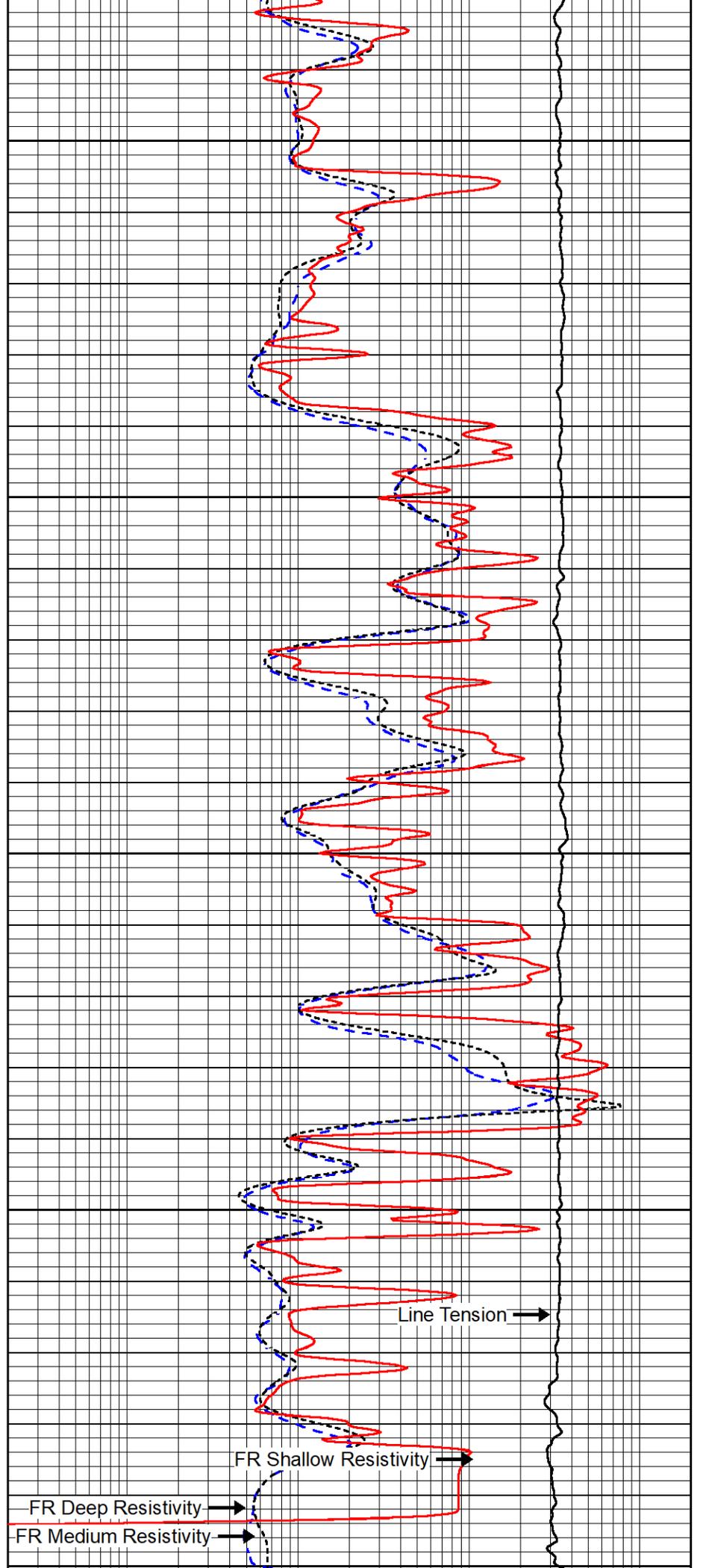
4700

4750

4800

FR Gamma Ray

FR SP

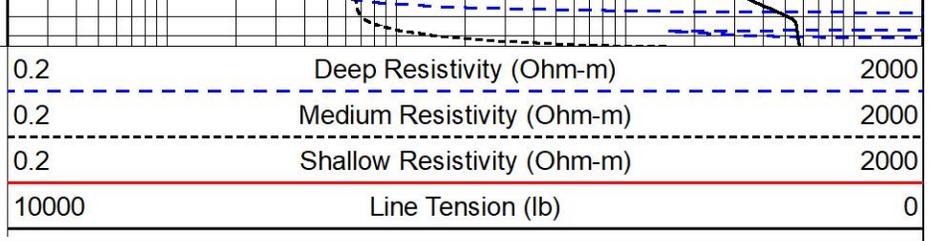
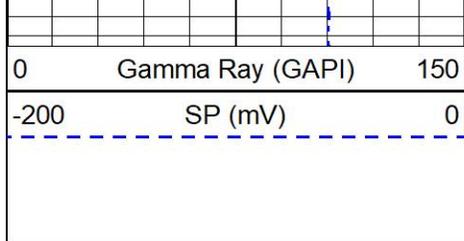


Line Tension

FR Shallow Resistivity

FR Deep Resistivity

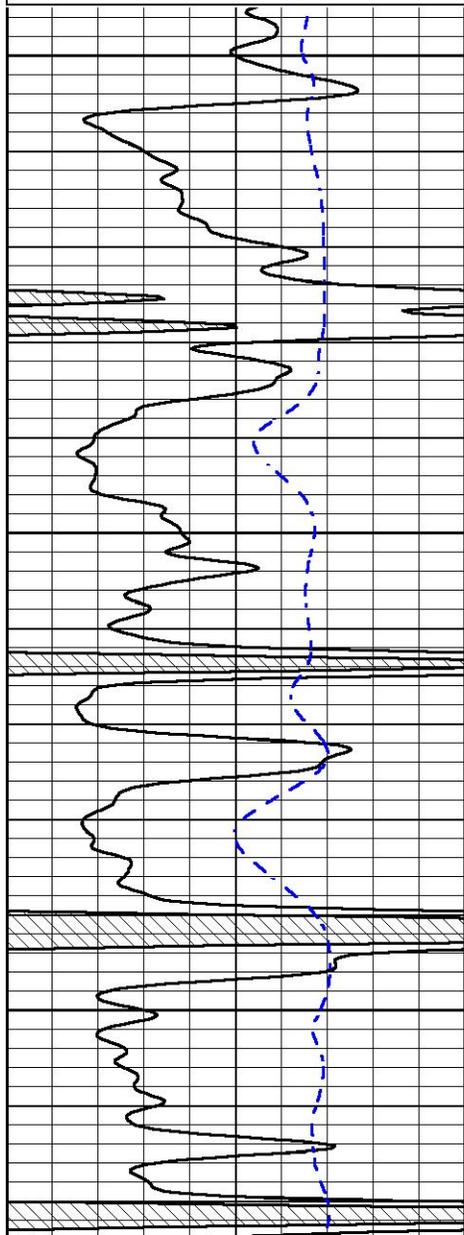
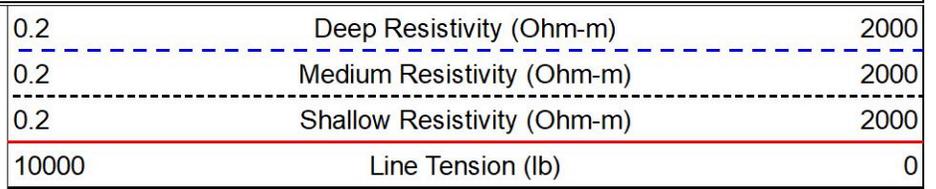
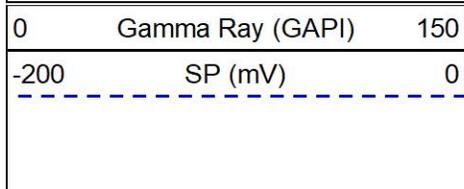
FR Medium Resistivity



REPEAT SECTION

REPEAT PASS

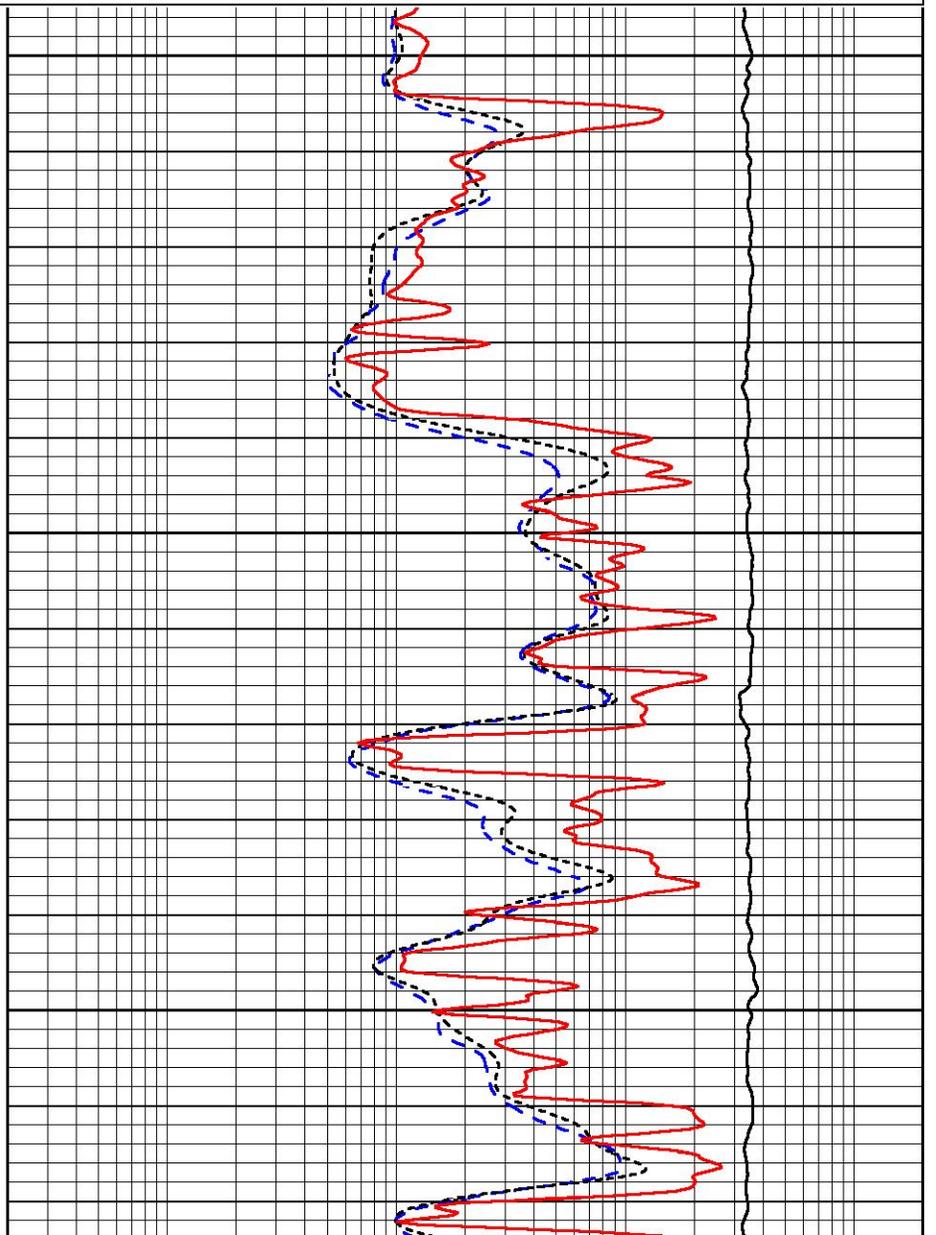
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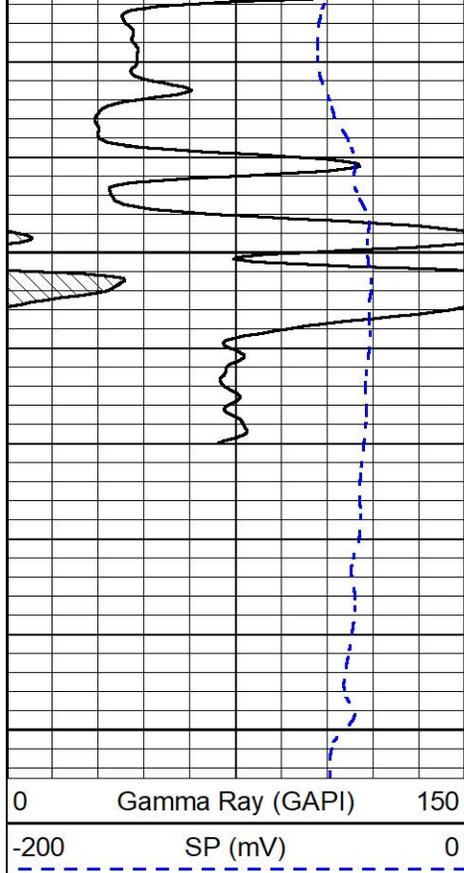


4600

4650

4700

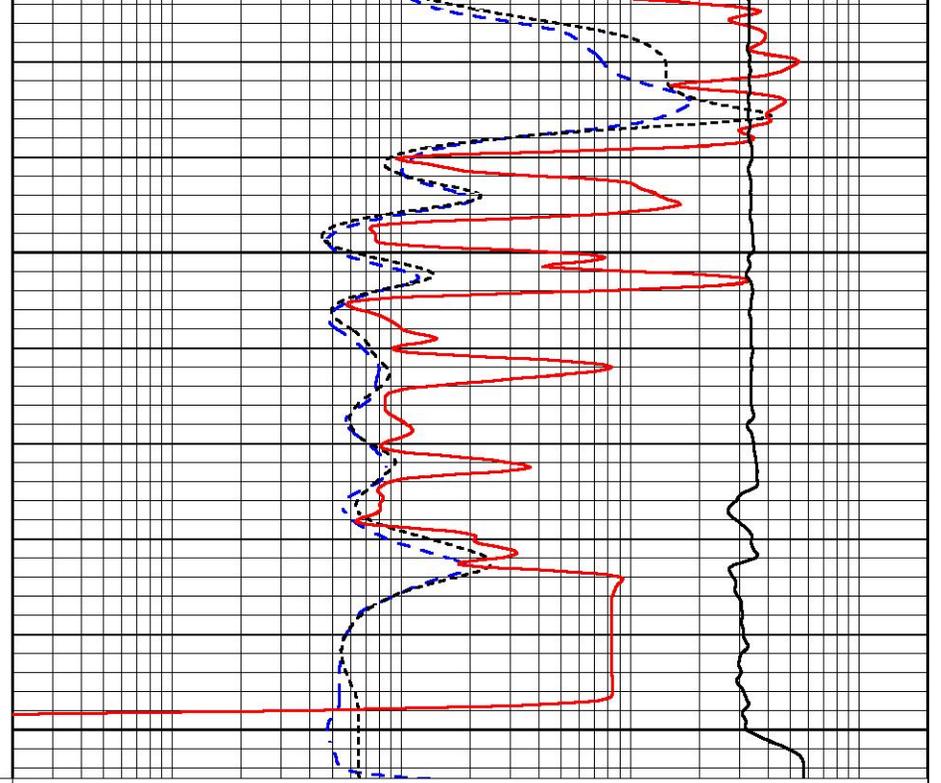




4750

4800

0 Gamma Ray (GAPI) 150
 -200 SP (mV) 0



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



MIDWEST WIRELINE

Company Arcadian Resources
 Well A. B. Fischer #14-3
 Field
 County Cheyenne
 State Kansas