



**DUAL INDUCTION
LL3/GR LOG**

Company LONE WOLF OIL & GAS CO., LLC.
Well MARKLEY #2
Field LOVE
County ELK
State KANSAS

Company LONE WOLF OIL & GAS CO., LLC.
Well MARKLEY #2
Field LOVE
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Location: API #: 15-049-22624-0000
NW-SE-SW-SW
600' FSL & 980' FWL
SEC 25 TWP 30S RGE 9E
Permanent Datum GL Elevation 1221'
Log Measured From KB
Drilling Measured From KB
Other Services
DIL MEL
Elevation
K.B. 1230'
D.F. 1229'
G.L. 1221'

Date	5-1-2021
Run Number	ONE
Depth Driller	2581
Depth Logger	2576
Bottom Logged Interval	2573
Top Log Interval	SURFACE
Casing Driller	8 5/8" @ 40'
Casing Logger	8 5/8" @ 40'
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL
Density / Viscosity	9.6 / 50
pH / Fluid Loss	10.4 / 10.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	2.70 @ 75
Rmt @ Meas. Temp	3.3 @ 75
Rmc @ Meas. Temp	2.2 @ 75
Source of Rmf / Rmc	CAL
Rm @ BHT	1.85 @ 103
Time Circulation Stopped	5:00
Time Logger on Bottom	7:45
Maximum Recorded Temperature	103
Equipment Number	OW2
Location	HOMINY, OK
Recorded By	MACKEY
Witnessed By	MR. WOLFE
	M. KIDD

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

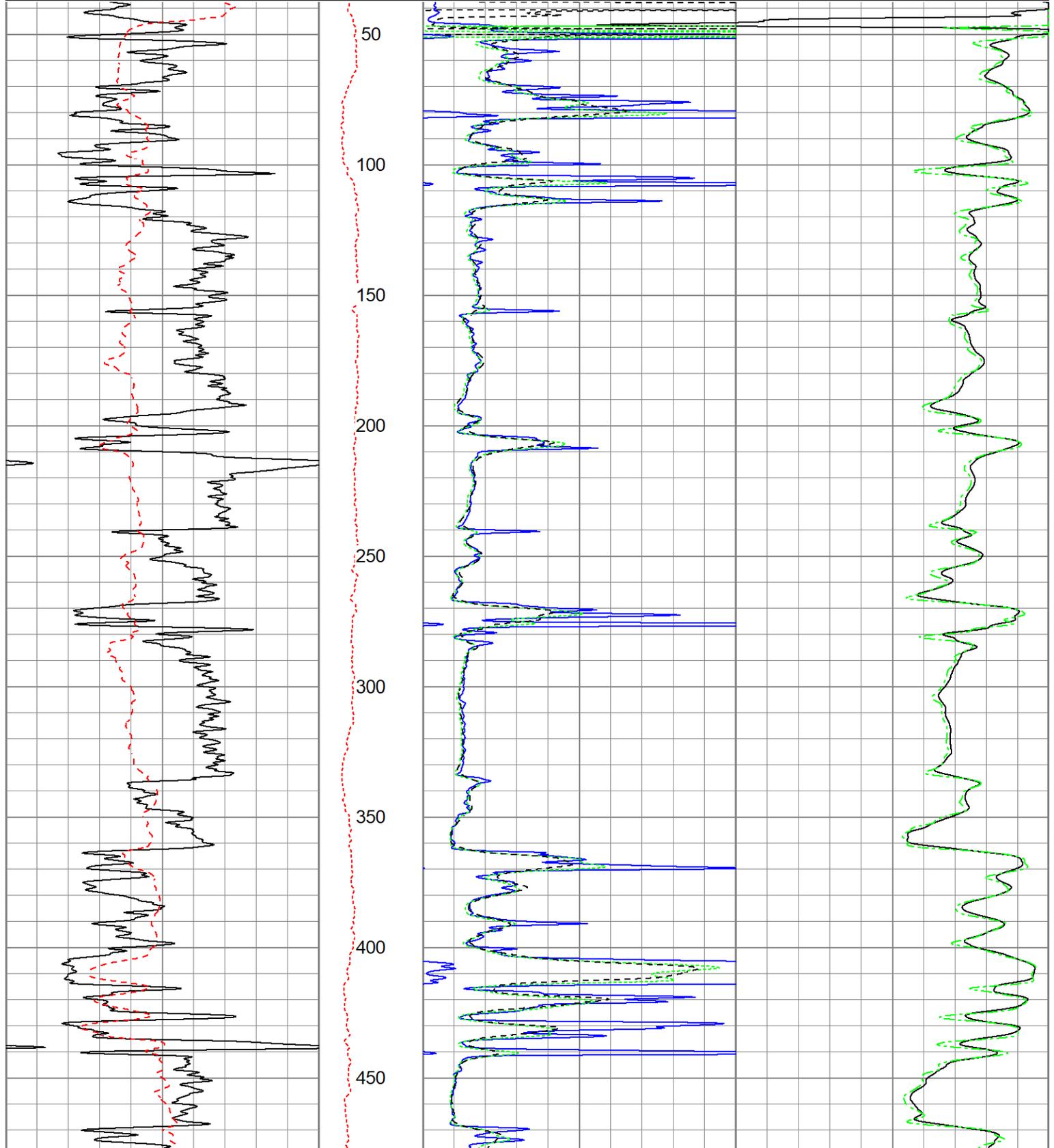
**OW2-8965 LONE WOLF
THANK YOU FOR USING OSAGE WIRELINE, INC.**

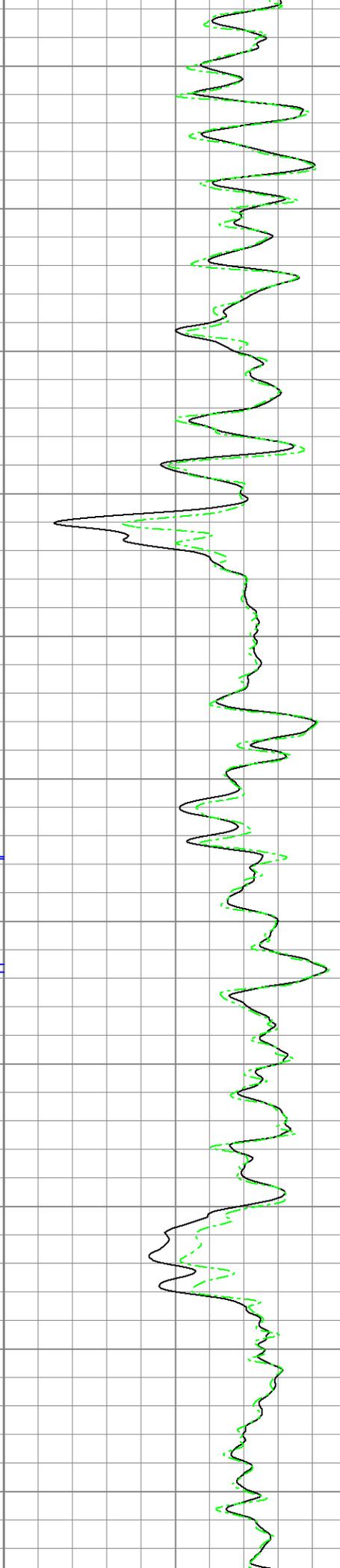
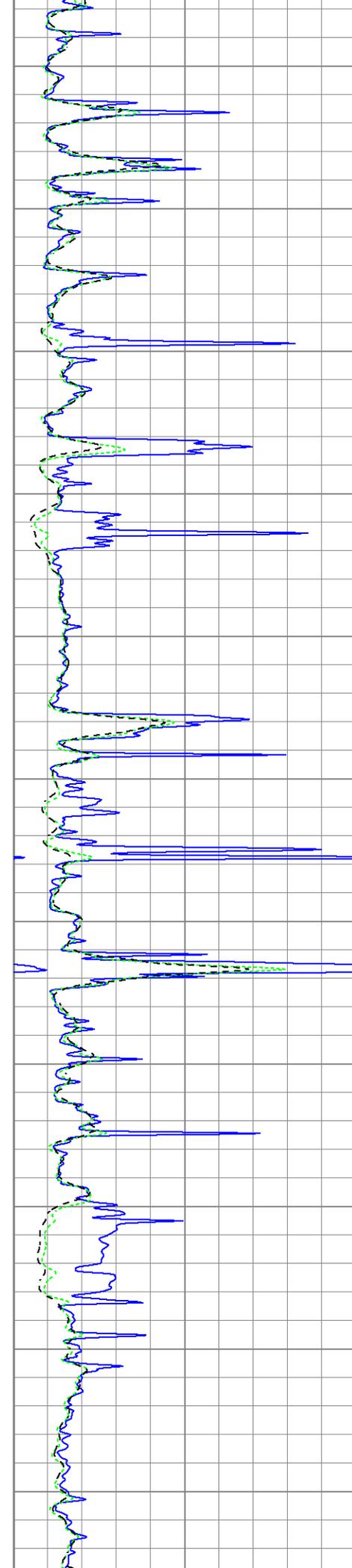
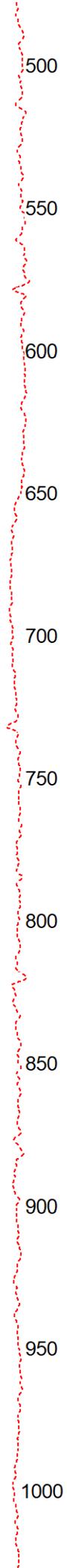
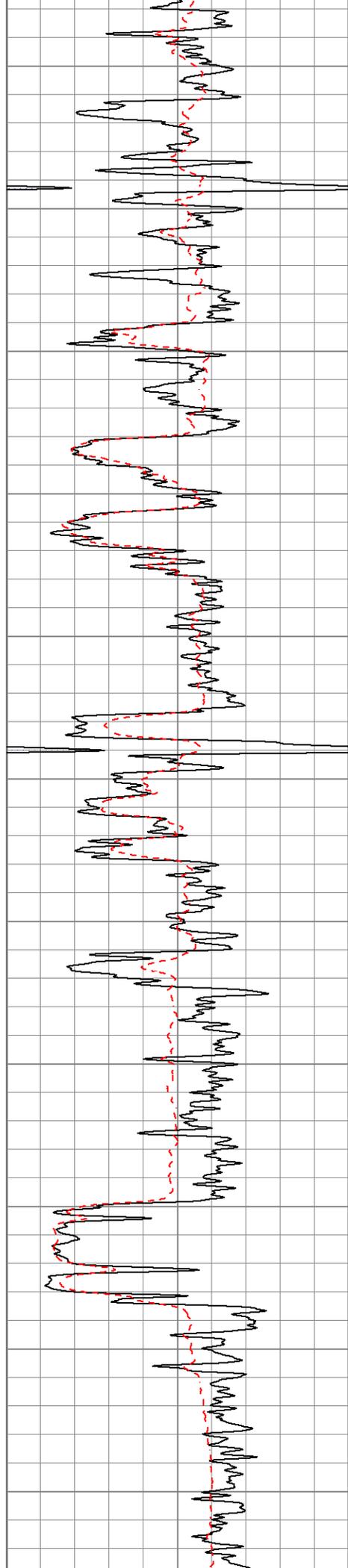


2" DUAL INDUCTION

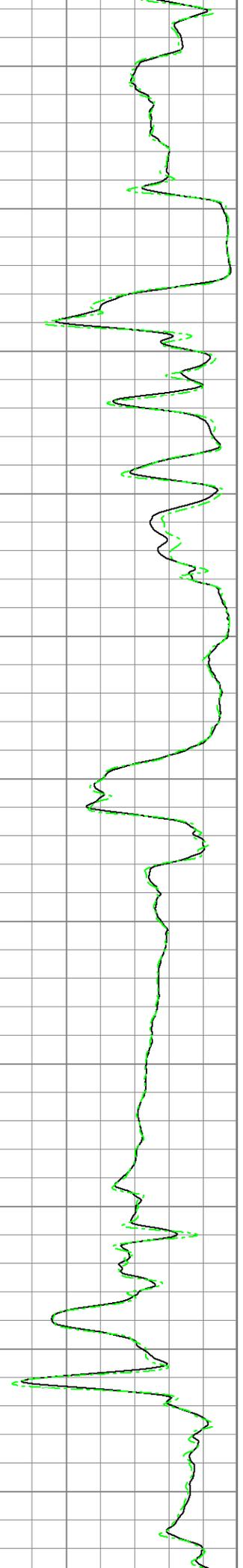
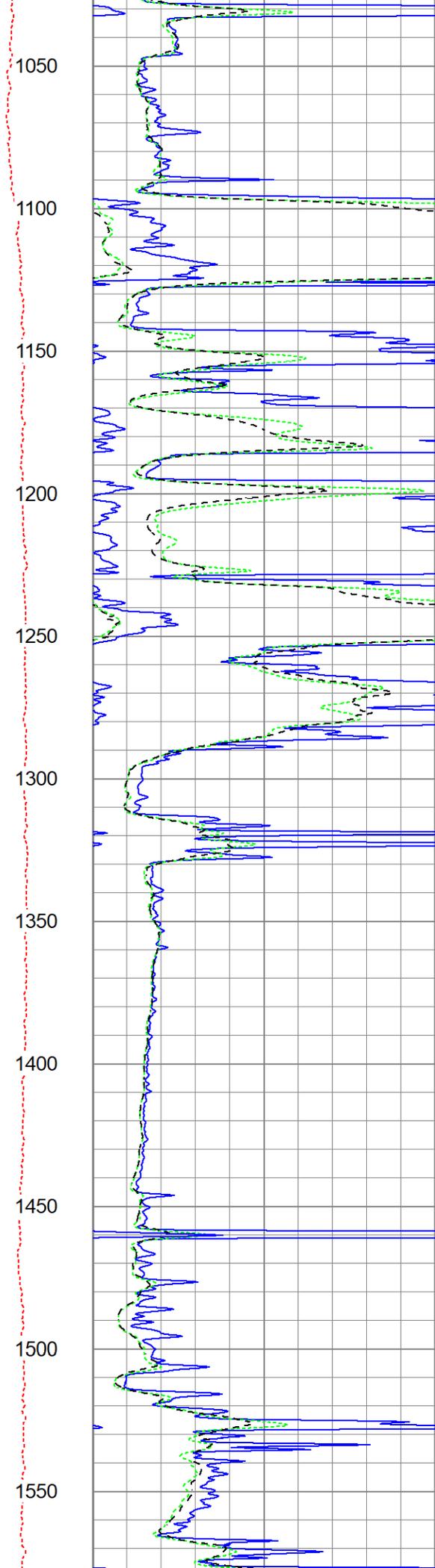
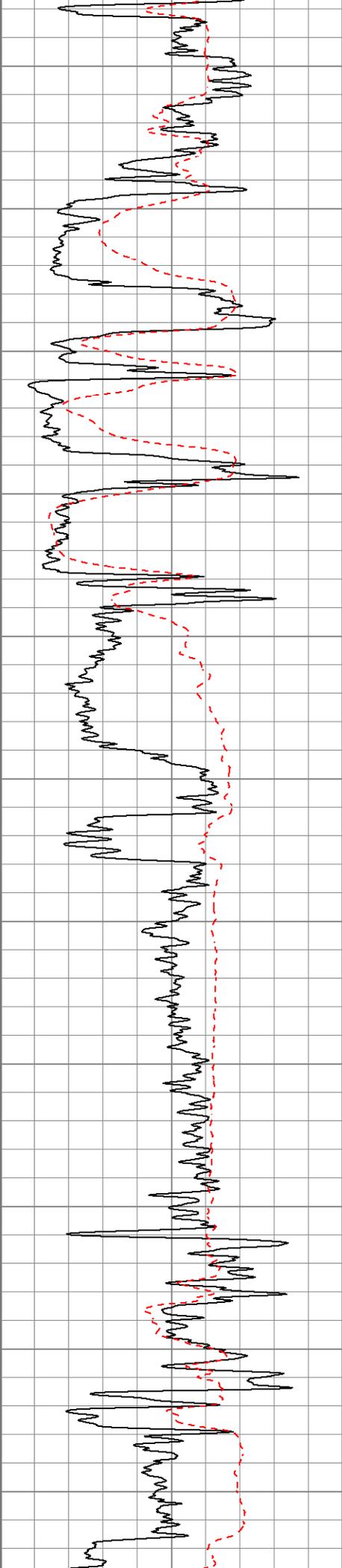
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 Charted by Depth in Feet scaled 1:600

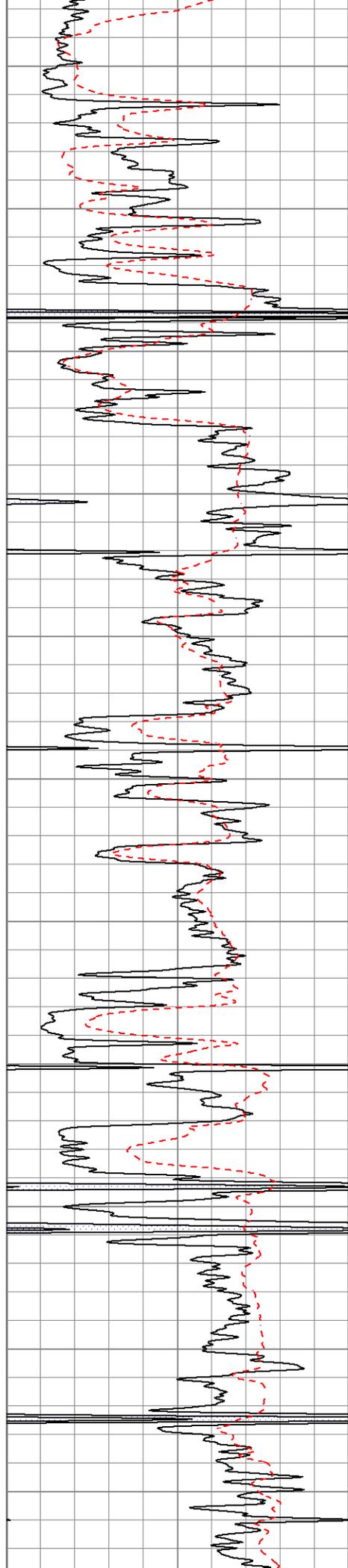
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	SP		0 (deg) 7	1000	CILM (mmho/m)	0
				0	RLL3 (Ohm-m)	50
				0	RILM (Ohm-m)	50
				0	RILD (Ohm-m)	50



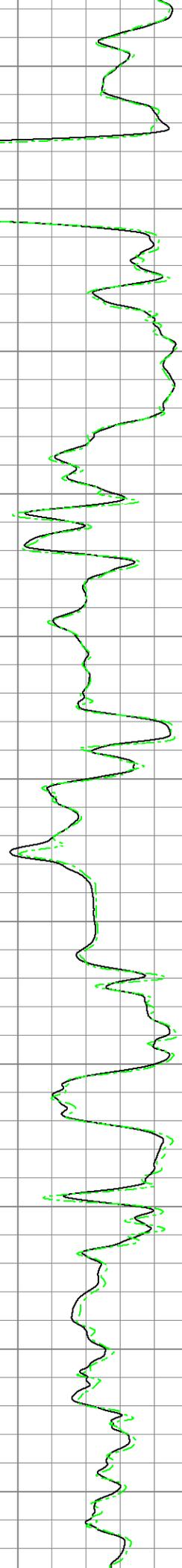
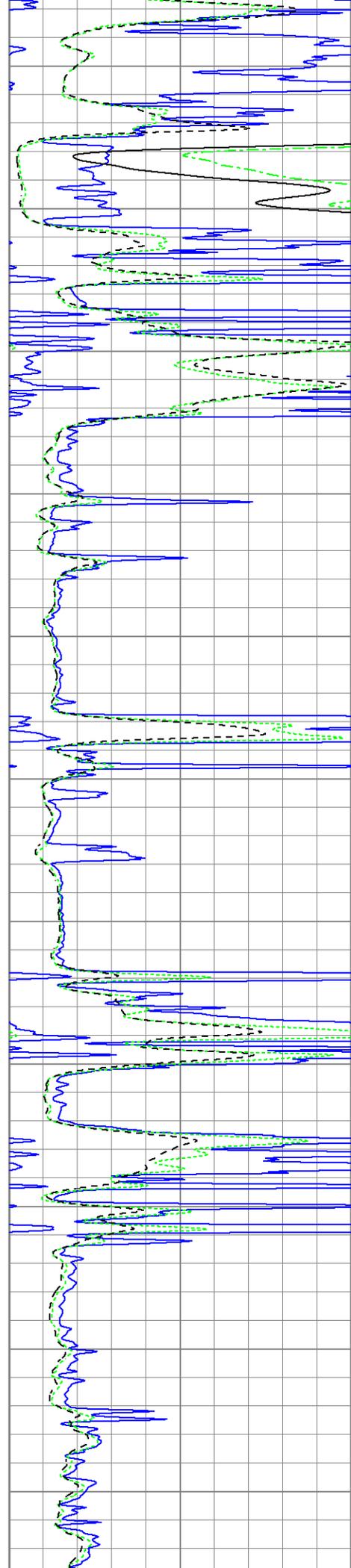


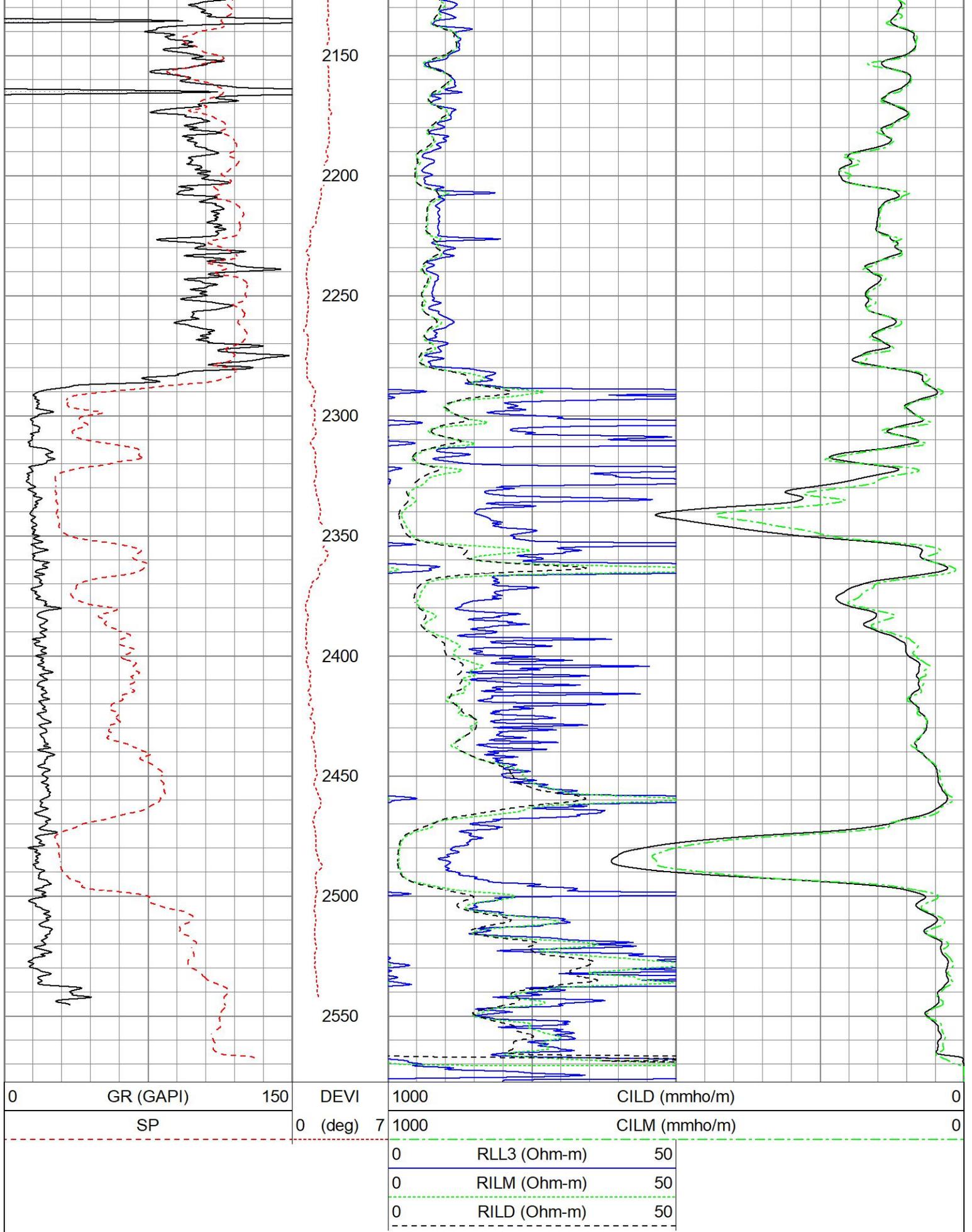
500
550
600
650
700
750
800
850
900
950
1000





1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100

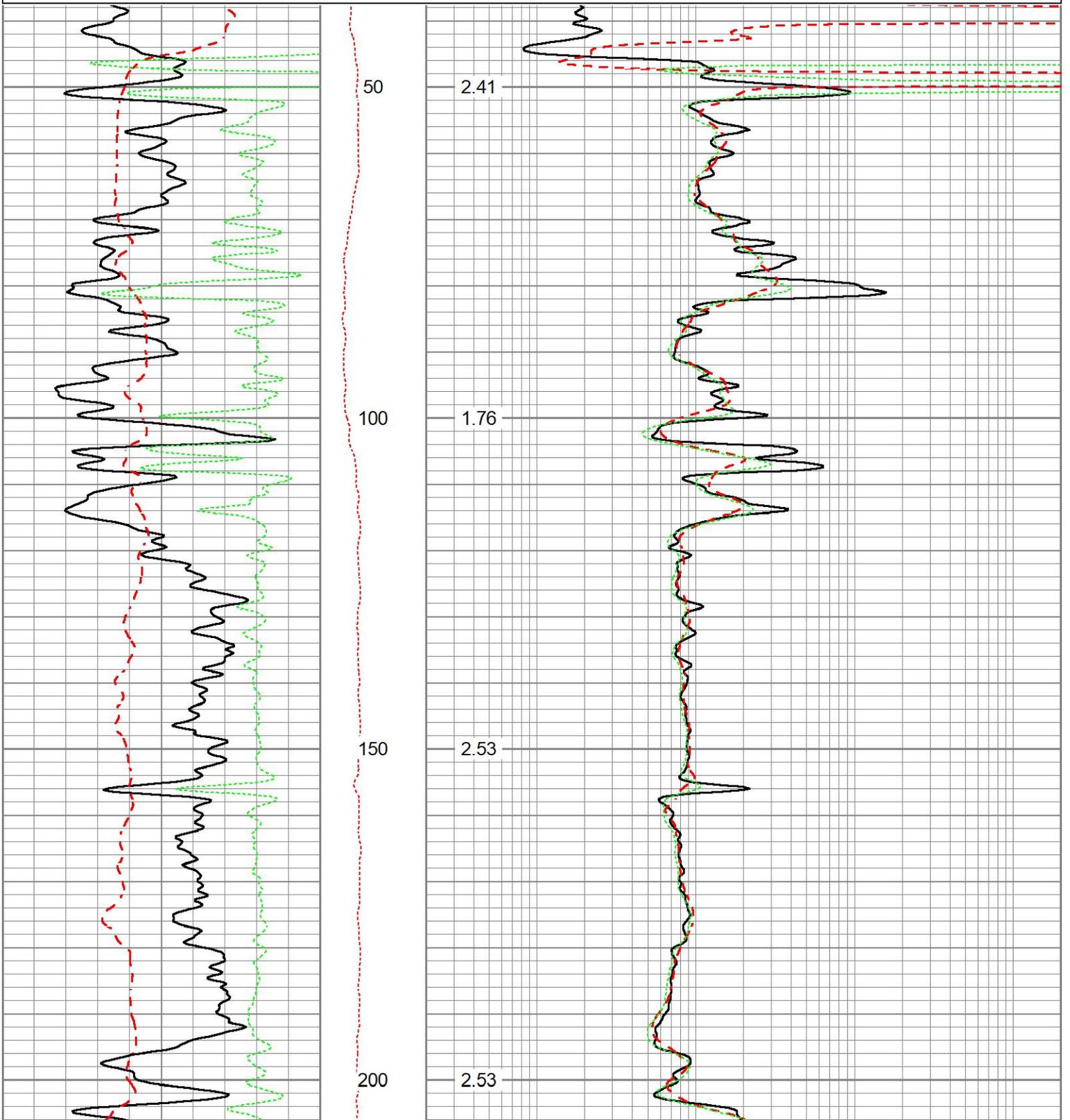


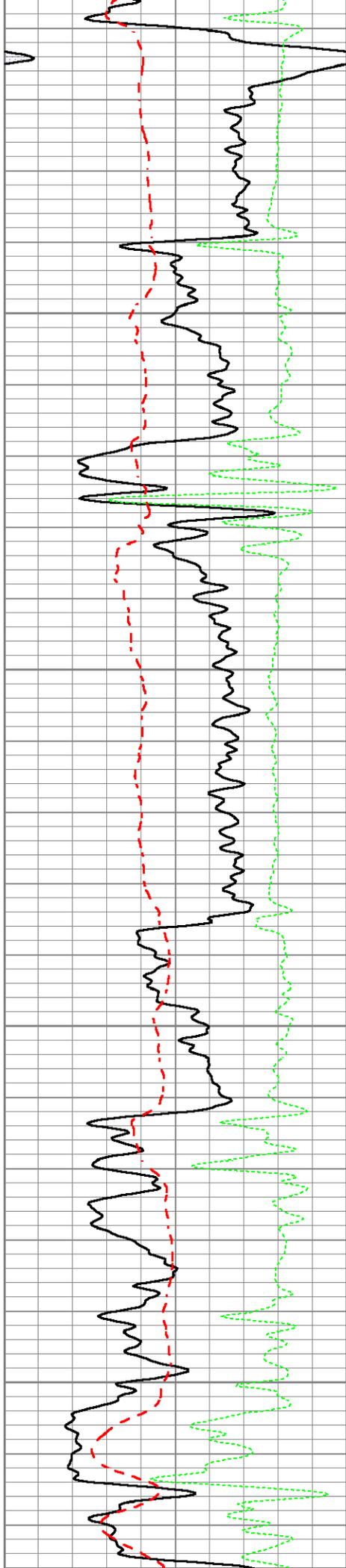


5" DUAL INDUCTION

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 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	DEVI	0.2	Shallow Resistivity (Ohm-m)	2000
	Spontaneous Potential		0 (deg) 7	0.2	Deep Resistivity (Ohm-m)	2000
-120	Rxo/Rt	30		0.2	Medium Resistivity (Ohm-m)	2000
			DEVI (deg)			



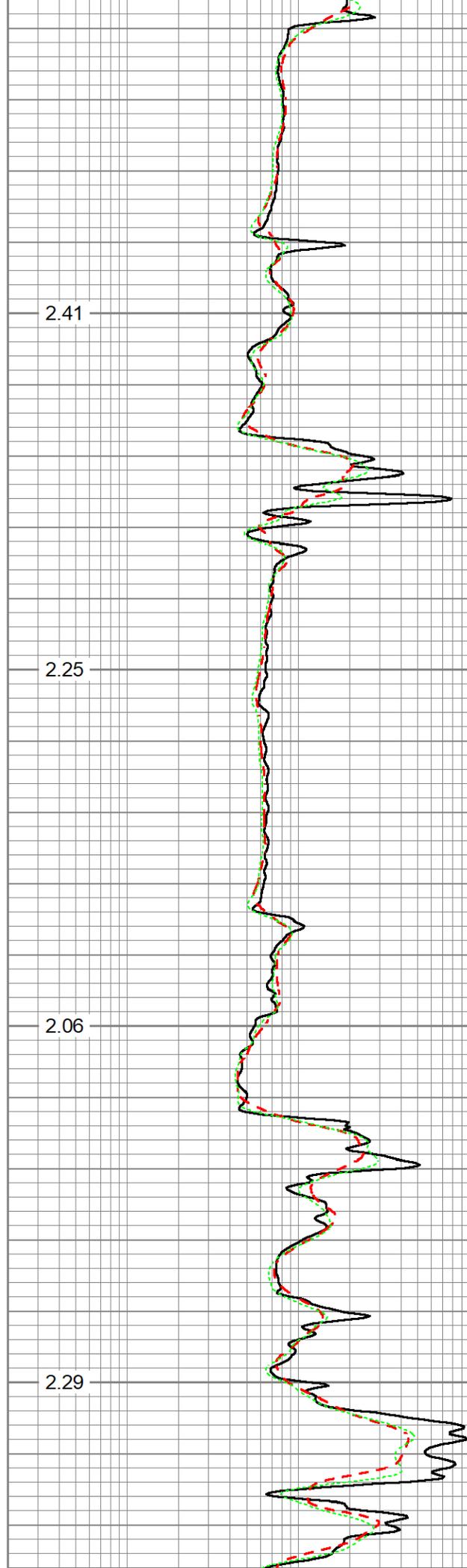


250

300

350

400

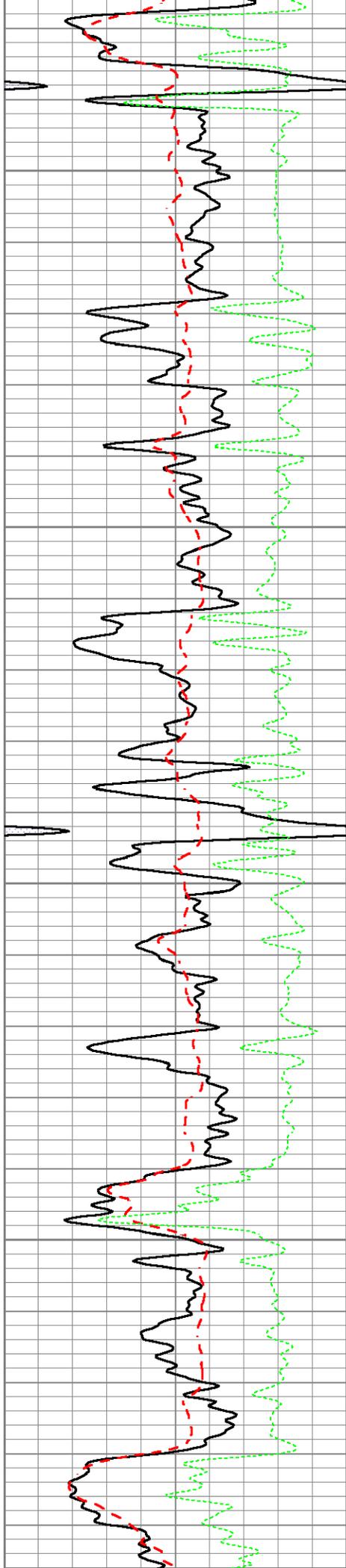


2.41

2.25

2.06

2.29



450

500

550

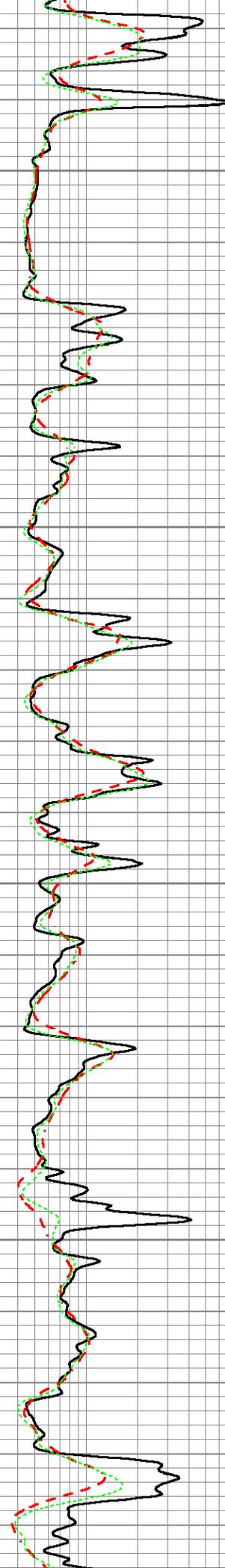
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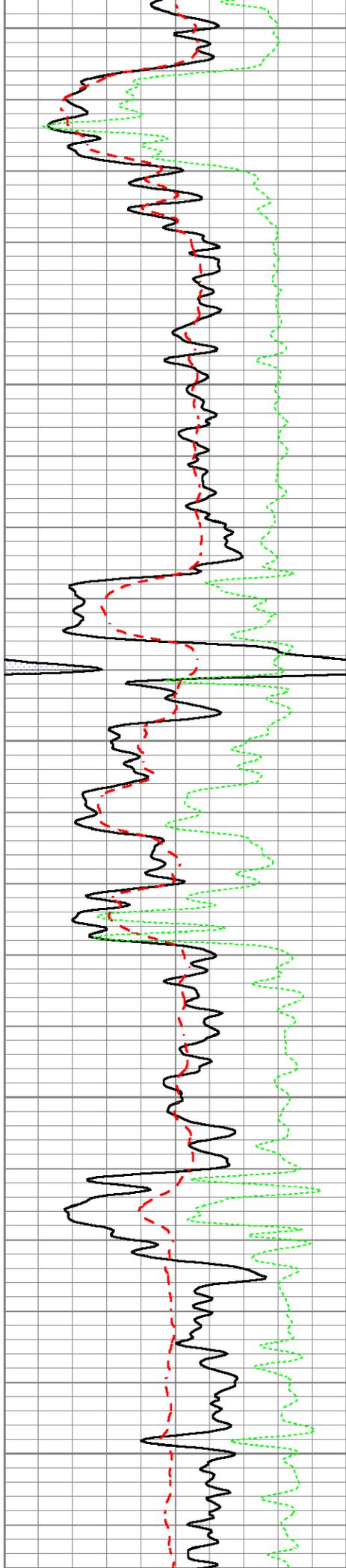
1.94

2.31

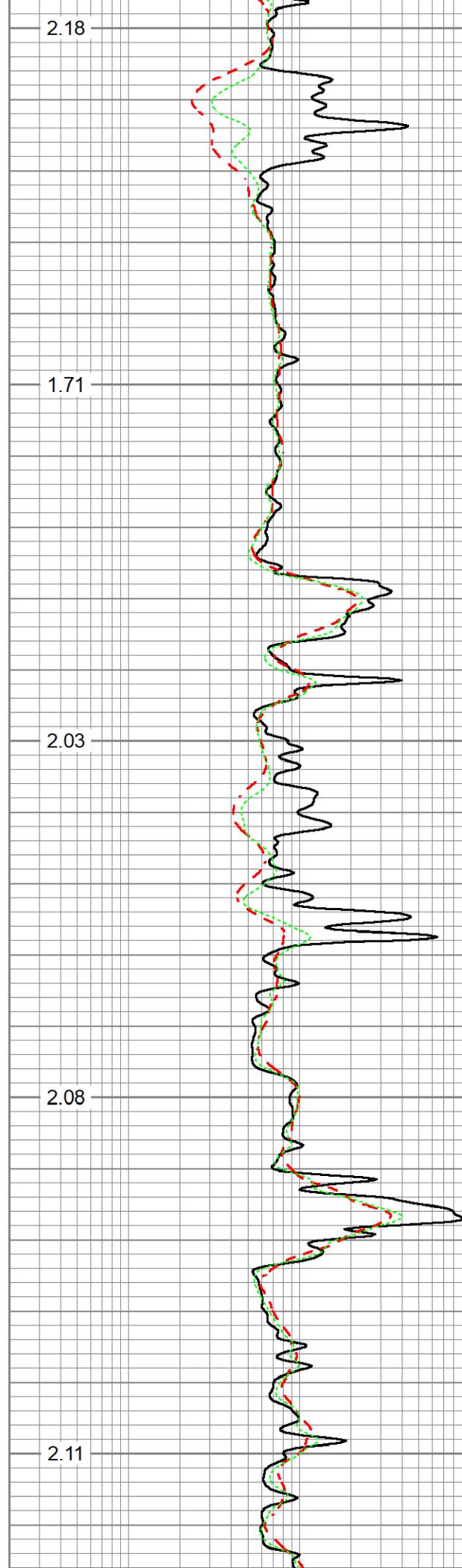
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2.37

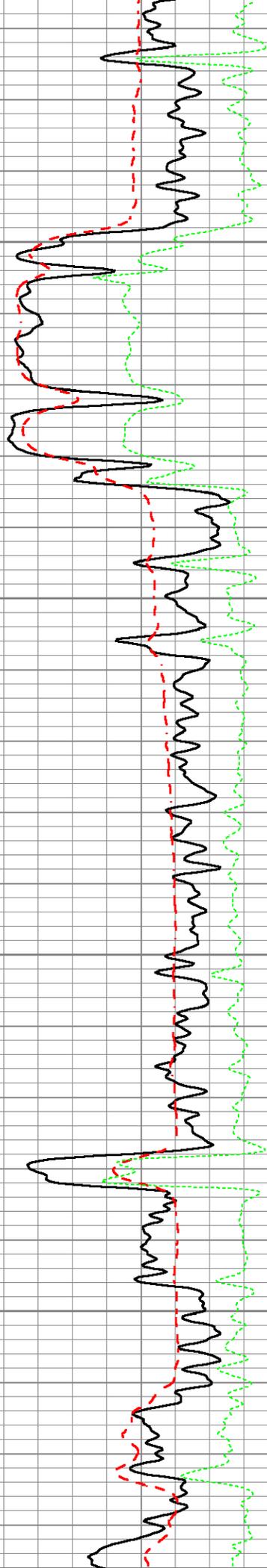




650
700
750
800
850



2.18
1.71
2.03
2.08
2.11



900

950

1000

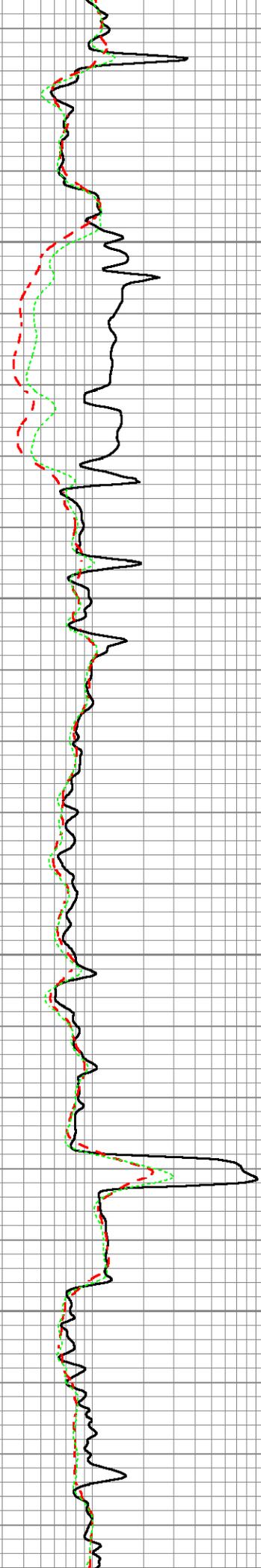
1050

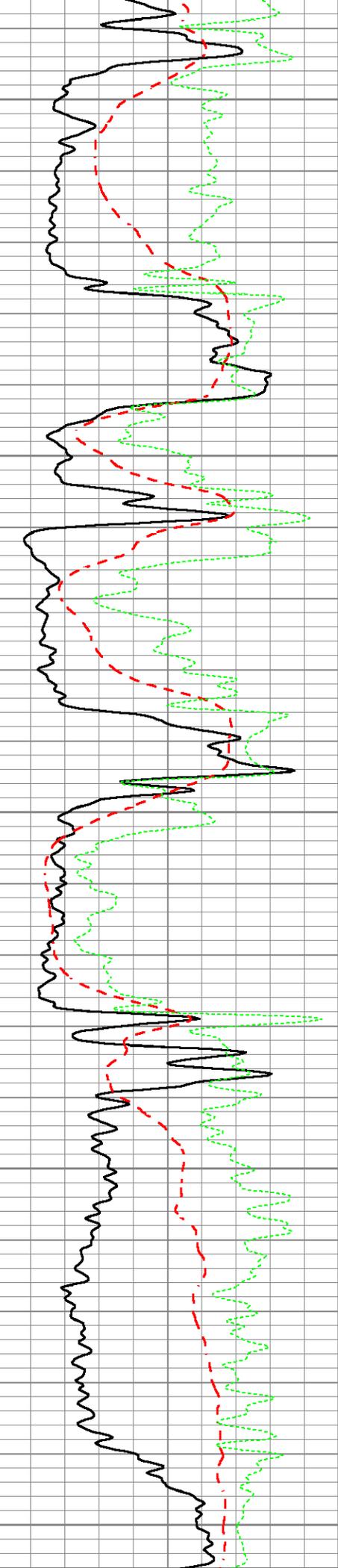
1.93

2.10

1.81

1.95





1100

1150

1200

1250

1300

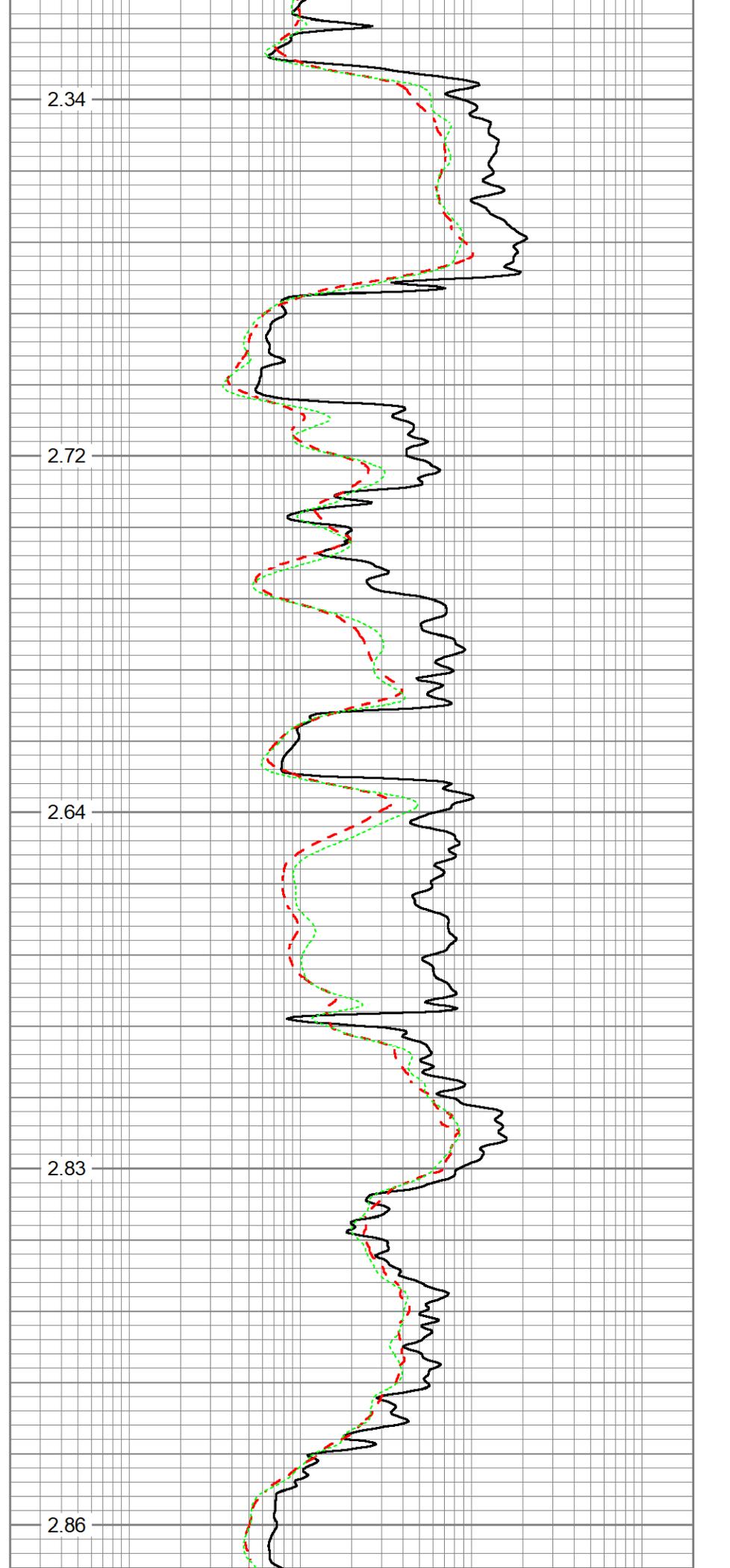
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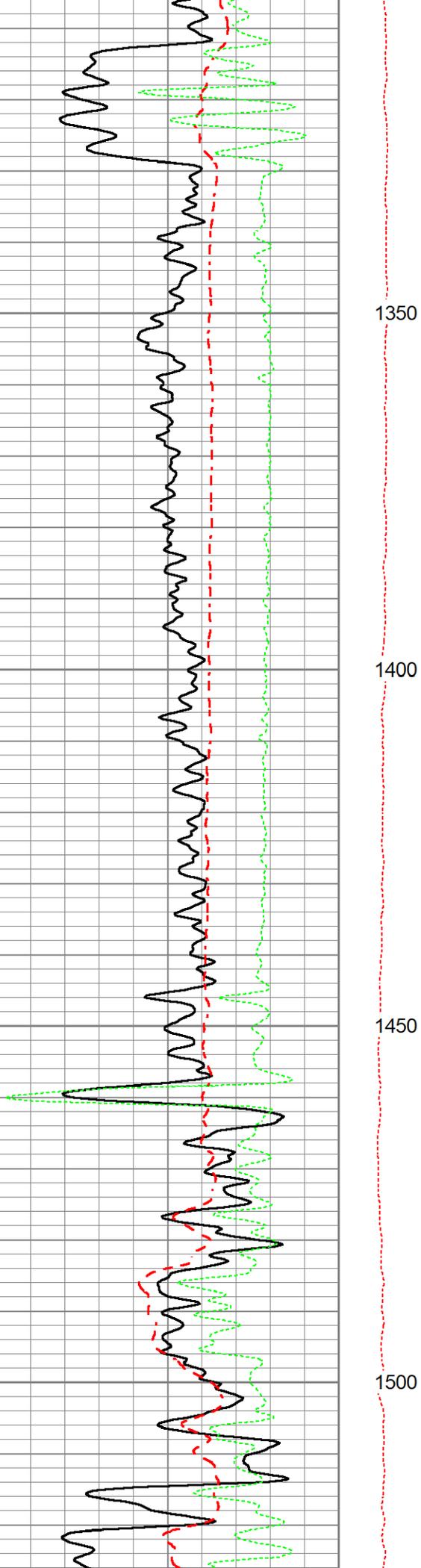
2.72

2.64

2.83

2.86





1350

1400

1450

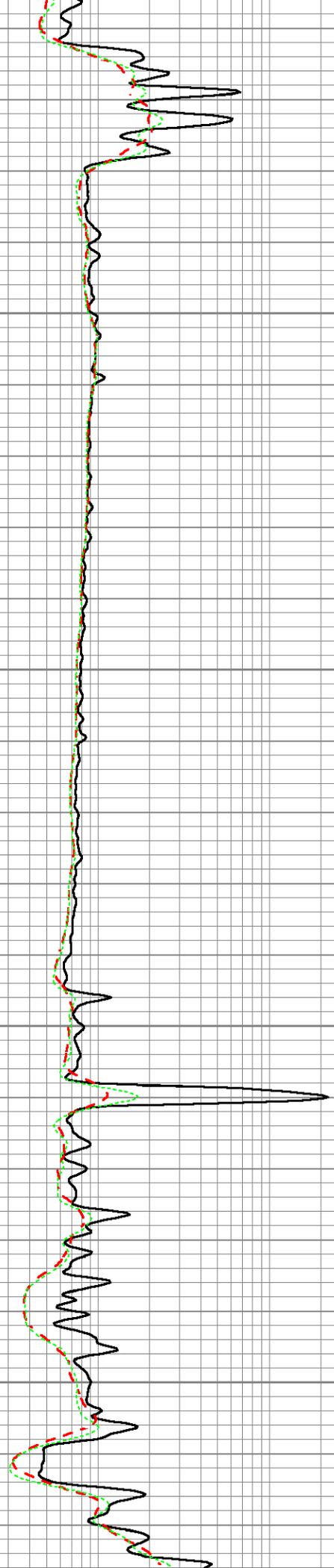
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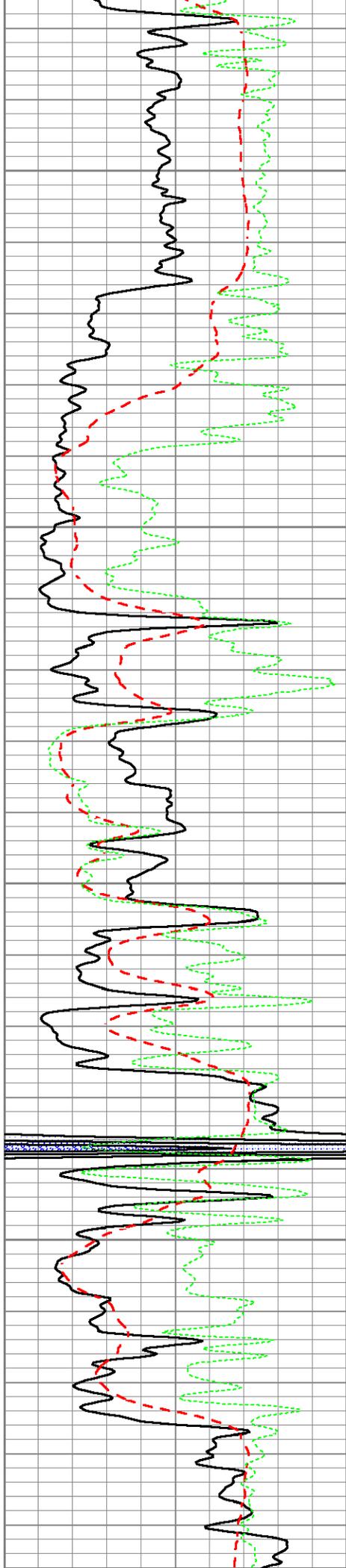
2.90

2.79

2.52

2.56





1550

1600

1650

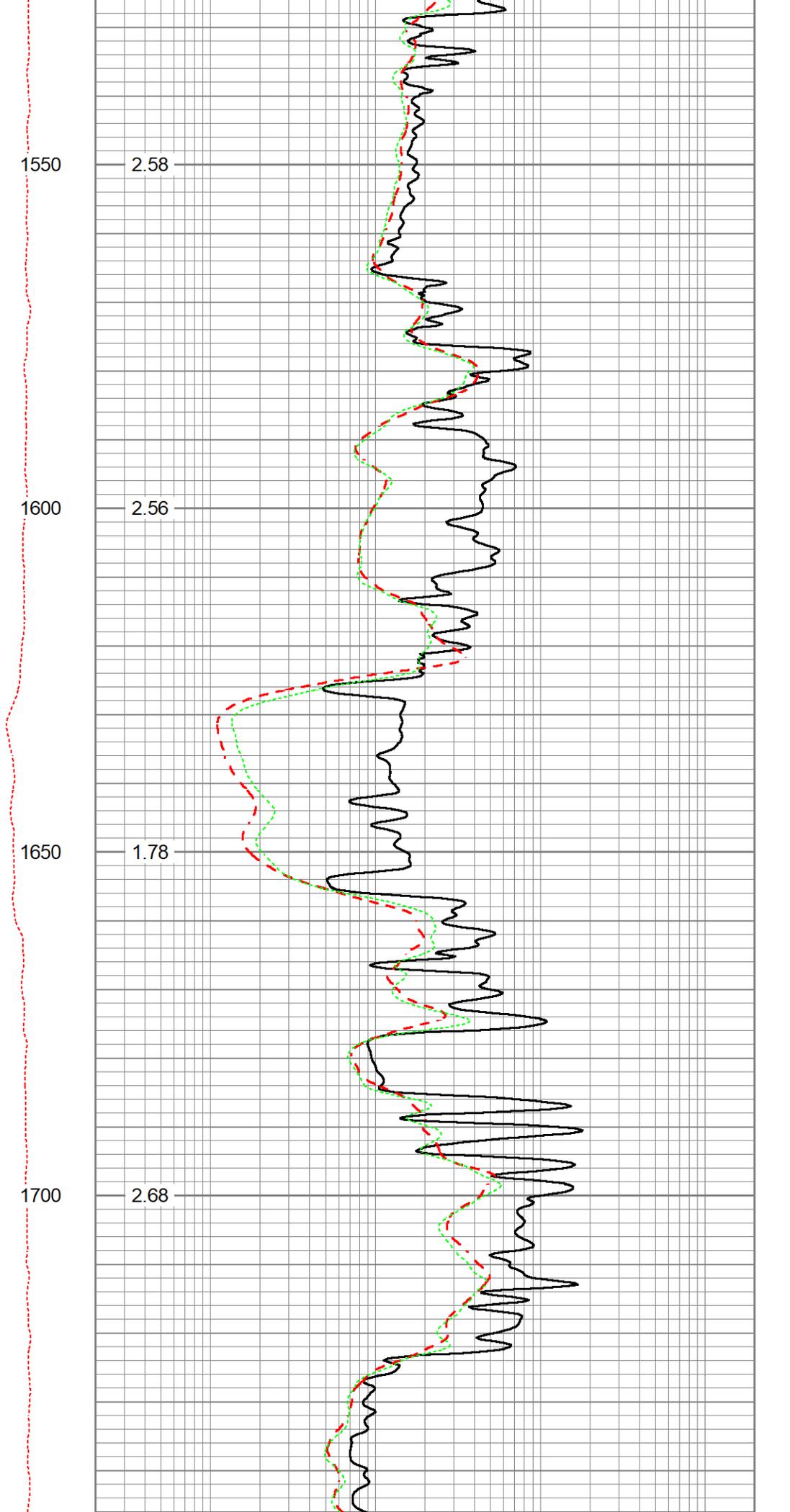
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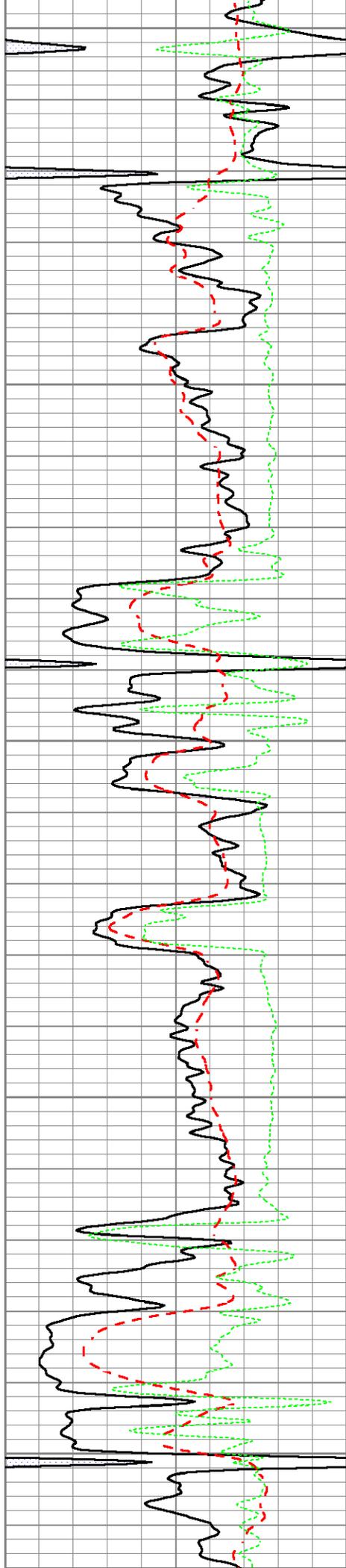
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2.56

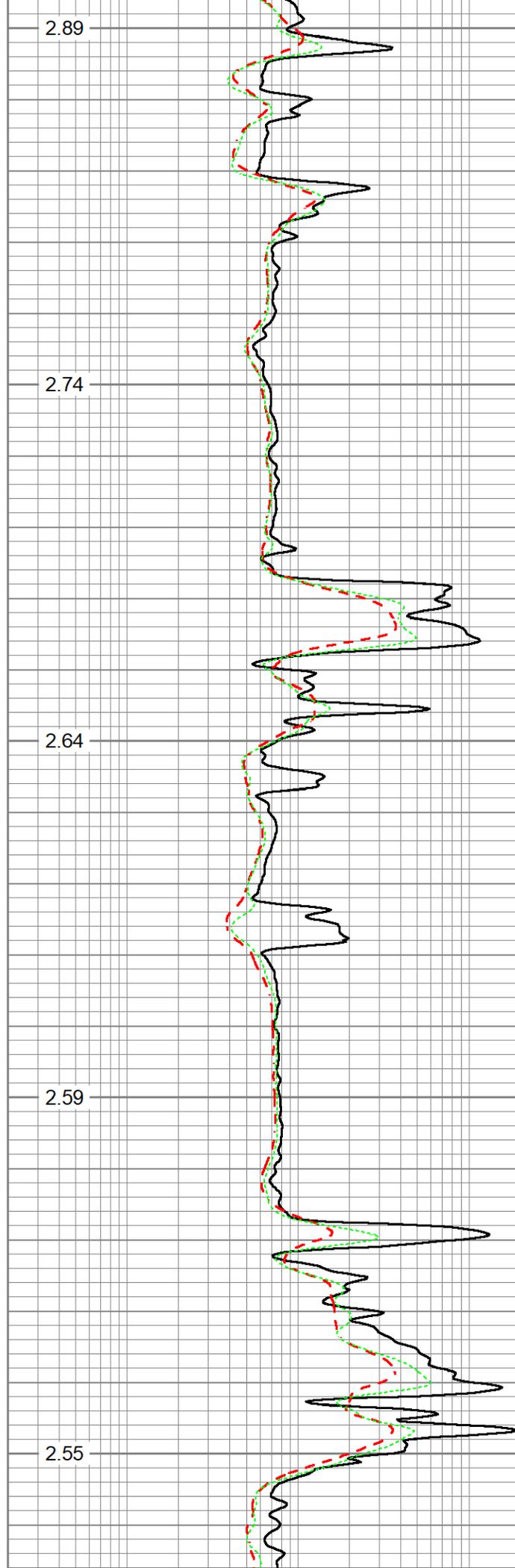
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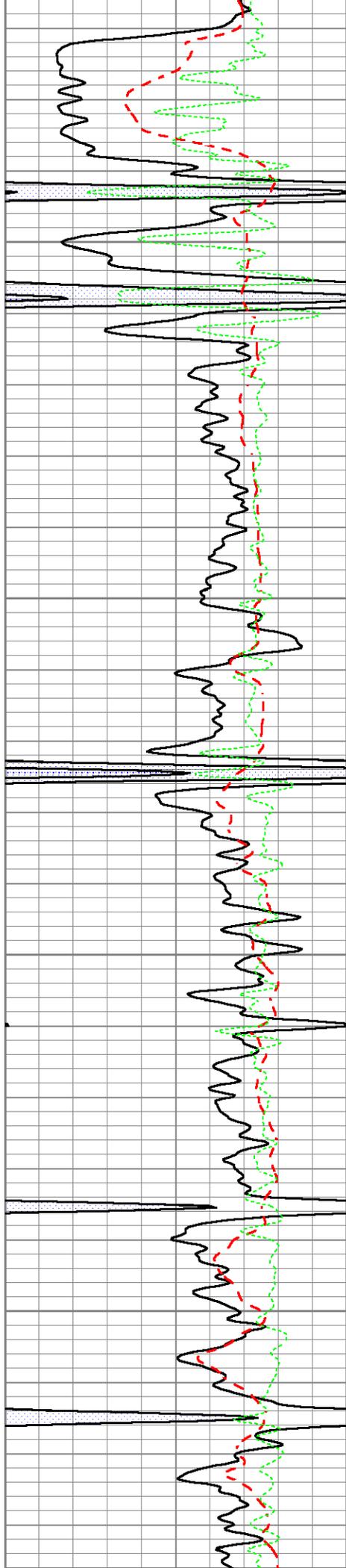
2.68





1750 2.89
1800 2.74
1850 2.64
1900 2.59
1950 2.55





2000

2050

2100

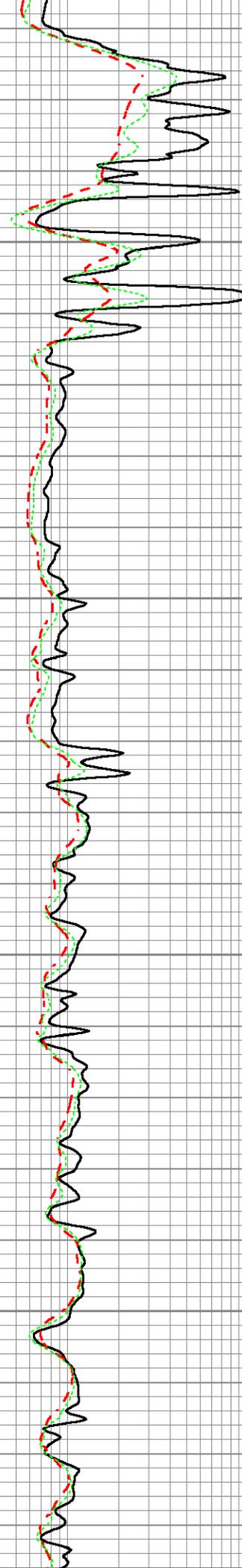
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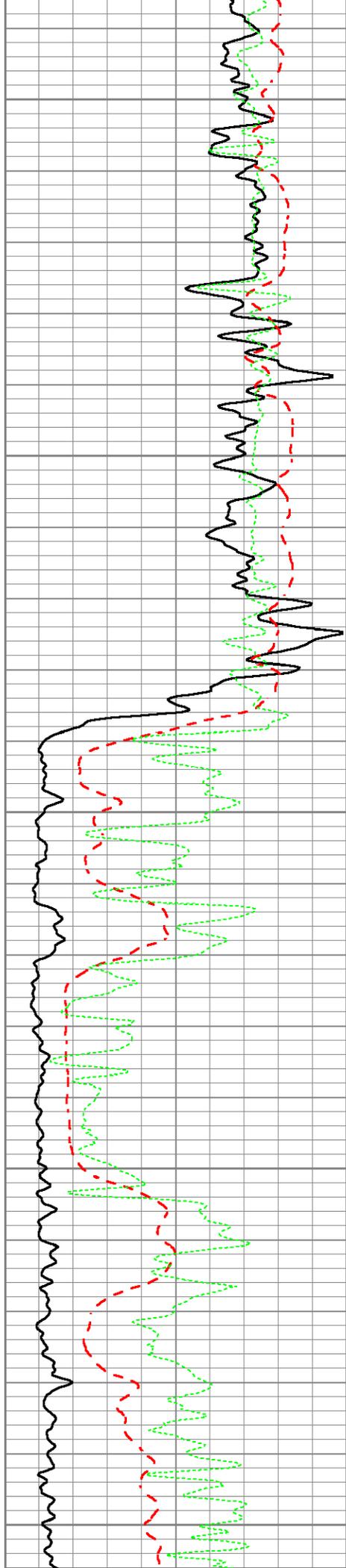
2.46

2.44

2.36

2.67





2200

2250

2300

2350

2400

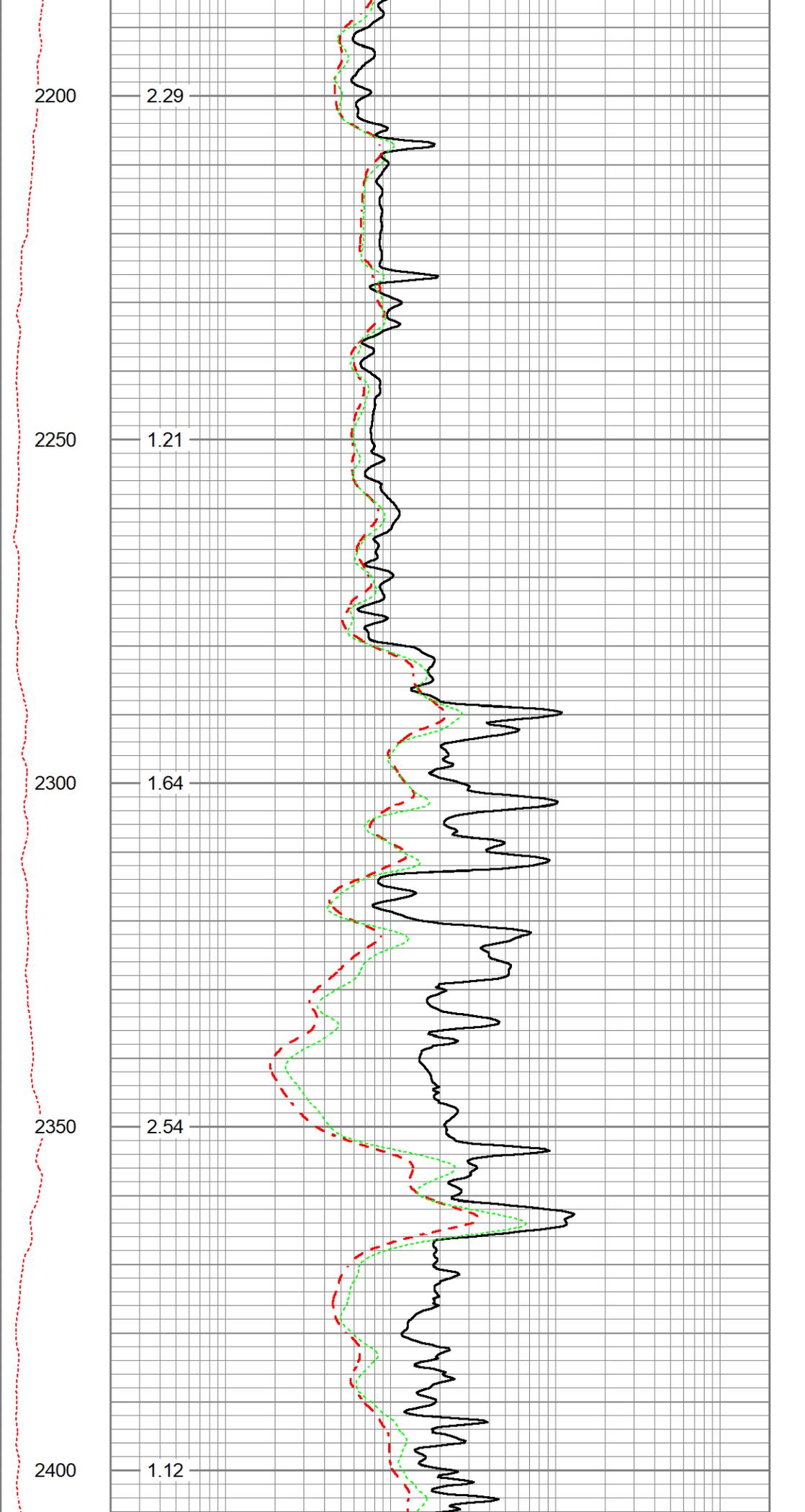
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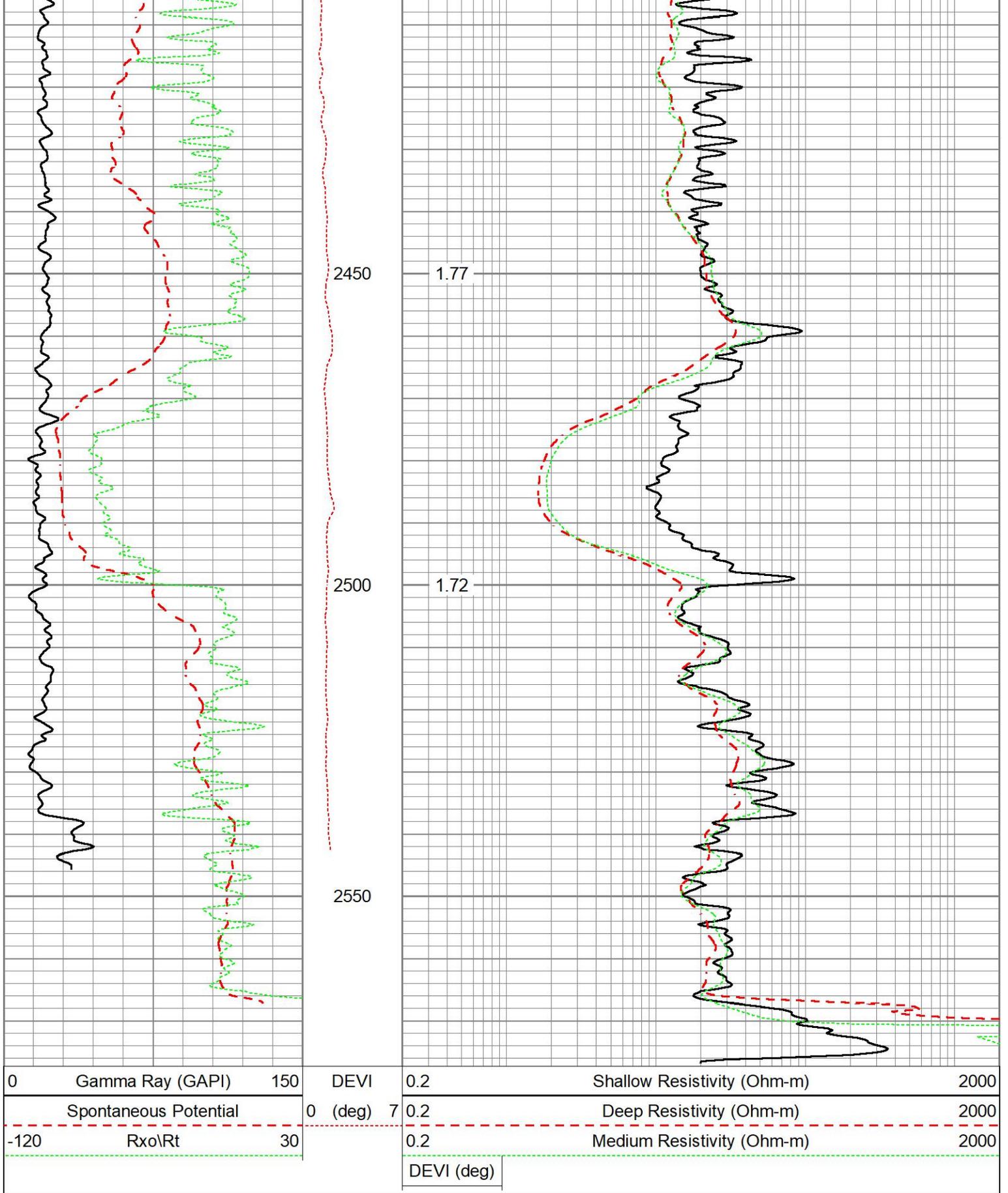
1.21

1.64

2.54

1.12





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
ACCY	31.04		ADMYR_TELEMETRY-OSAGE_01 (Refurb01) Admyr Telemetry With Gr, Deviation, ADC board and Pulses Board in it.	3.69	3.25	53.00
ACCX	31.04					
GR	29.86					
FRAMES	28.54					

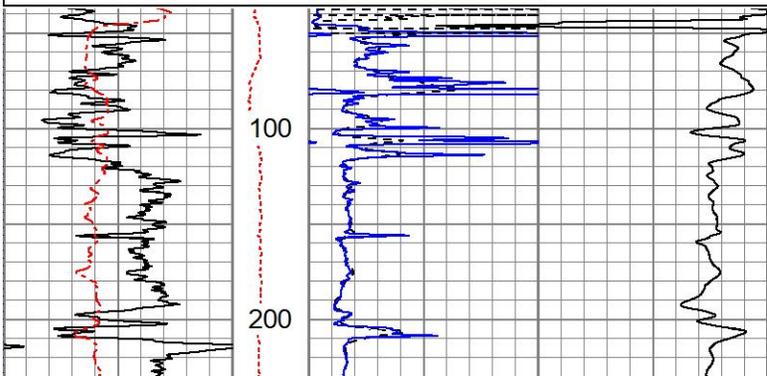
SSTAT	28.54		MICRO_DIG-Osage (01) Digital Microlog	7.21	5.13	137.00
PSTAT	28.54					
ASTAT	28.54					
MI	23.00					
MN	23.00					
MCAL	22.00					
ASTAT2	21.33					
SP	10.92		DIL-G (5375) Gearhart	21.33	4.00	290.00
CILD	10.92					
CILM	7.00					
RLL3	1.65					
TR_Mon	0.00					
Dataset:		ow2-8965 lone wolf.db: field/well/run1/pass3				
Total length:		32.23 ft				
Total weight:		480.00 lb				
O.D.:		5.13 in				

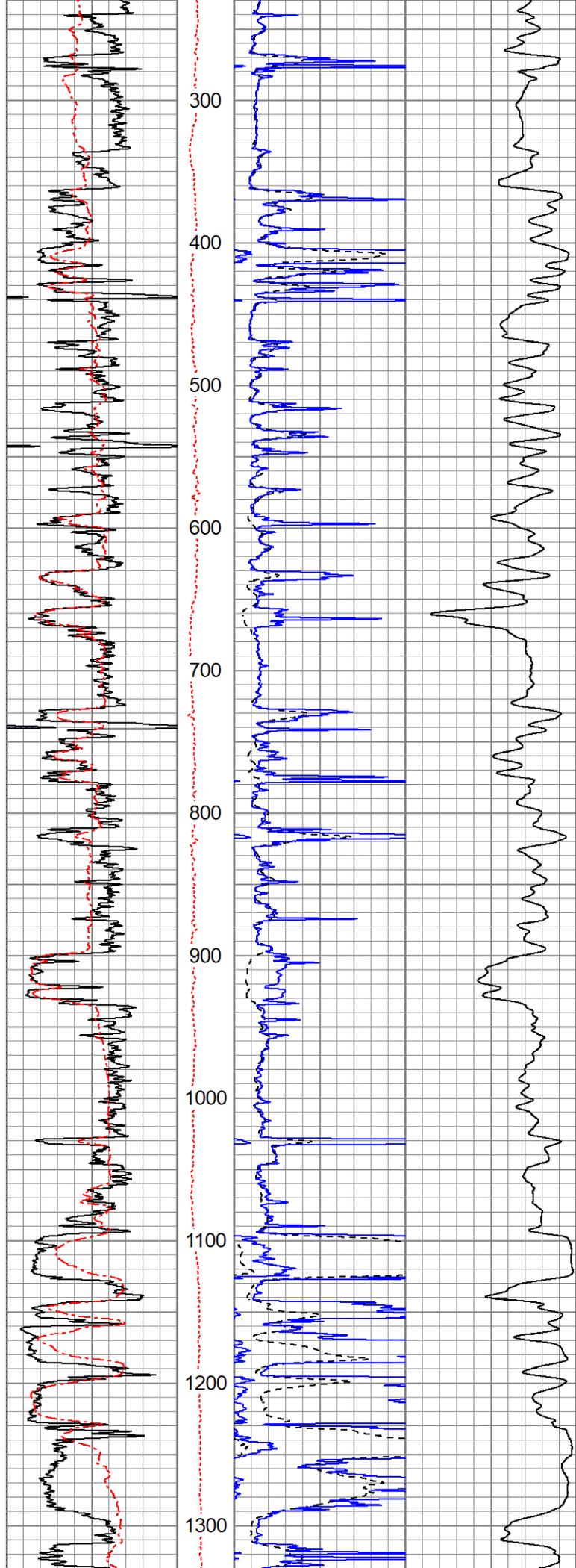


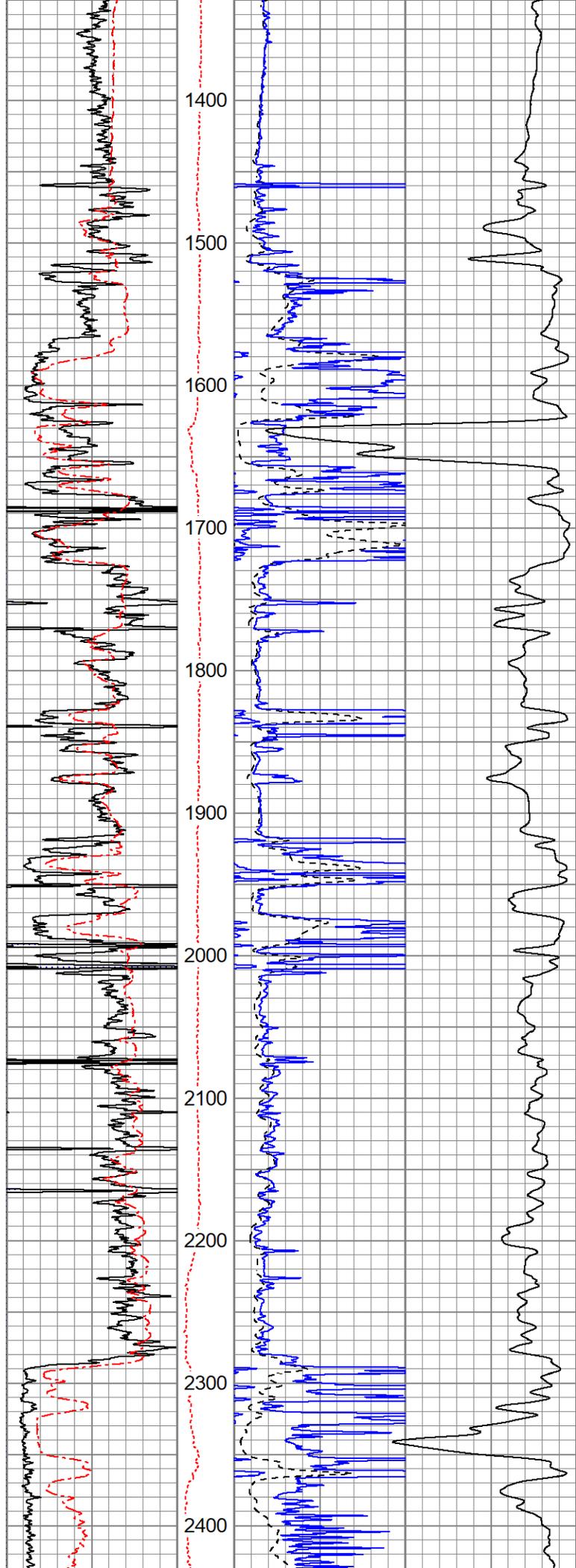
1" INDUCTION LOG

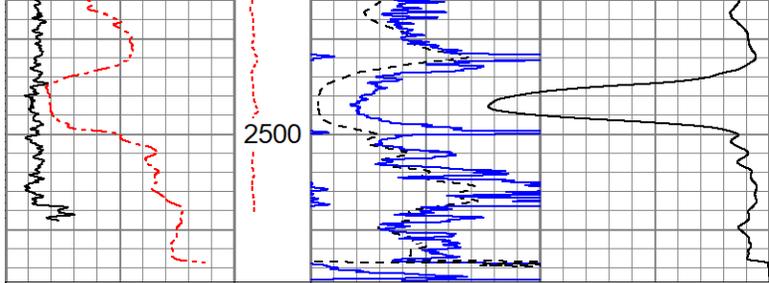
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 Charted by Depth in Feet scaled 1:1200

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0	SP (mV) 150	(deg)	2000	CILD (mmho/m)	1000
		0 7		RILD	
			0	(Ohm-m) 50	
				RLL3	
			0	(Ohm-m) 50	









0	GR (GAPI) 150	DEVI	1000	CILD (mmho/m)	0
0	SP (mV) 150	(deg)	2000	CILD (mmho/m)	1000
		0 7		RILD	
			0	(Ohm-m) 50	
				RLL3	
			0	(Ohm-m) 50	