



DUAL INDUCTION LOG

Company John O. Farmer, Inc.

Well Coffman #1

Field Wildcat

County Lyon

State KS

Location:

API #: 15 111 20533

330' FNL & 2550' FWL

SEC 23 TWP 15S RGE 11E

Permanent Datum Ground Level Elevation 1359'
Log Measured From KB 8' AGL
Drilling Measured From KB

Other Services
ML
CDNL

Elevation
K.B. 1367'
D.F. 1366'
G.L. 1359'

Date 4-1-18

Run Number One

Depth Driller 3180'

Depth Logger 3181'

Bottom Logged Interval 3179'

Top Log Interval 210'

Casing Driller 221'

Casing Logger 221'

Bit Size 7 7/8"

Type Fluid in Hole Chemical Mud

Density / Viscosity 9.35/48

pH / Fluid Loss 11/8.0

Source of Sample Pit

Rm @ Meas. Temp 2.0@62degf

Rmf @ Meas. Temp 1.6@62degf

Rmc @ Meas. Temp 2.56@62degf

Source of Rmf / Rmc Calculated

Rm @ BHT 1.5@108degf

Time Circulation Stopped 12:45 a.m

Time Logger on Bottom 2:45 a.m

Maximum Recorded Temperature 108degf

Equipment Number T127

Location Hays, KS.

Recorded By C. Patterson

Witnessed By Mr. Austin Klaus

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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

North to East of Allen, KS 6.6 mi. on L Rd, South into Location
(Will be South into after Turning North to East on Correction Curve On L Rd.)

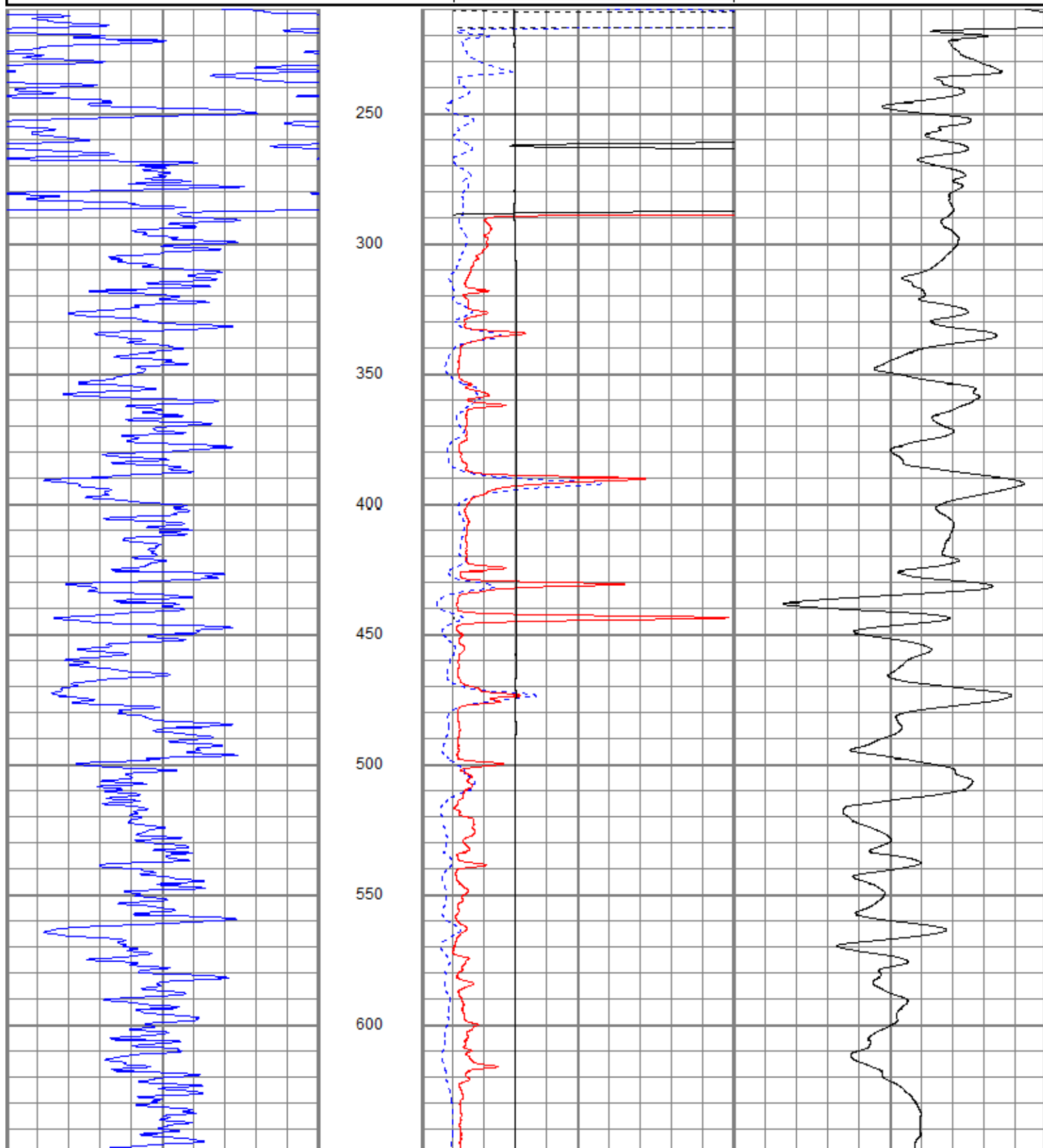
Thank you for using Gemini Wireline
785-625-1182

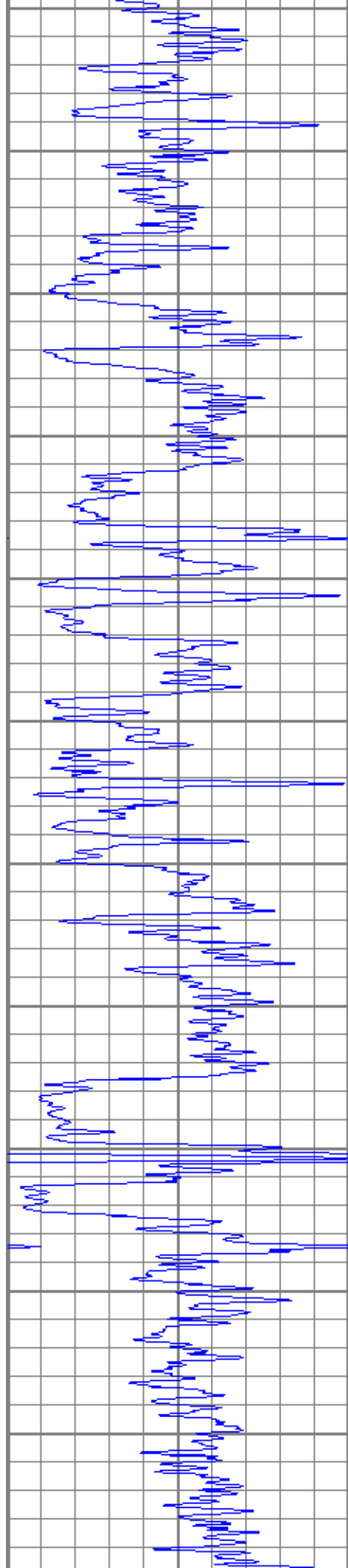


MAIN PASS

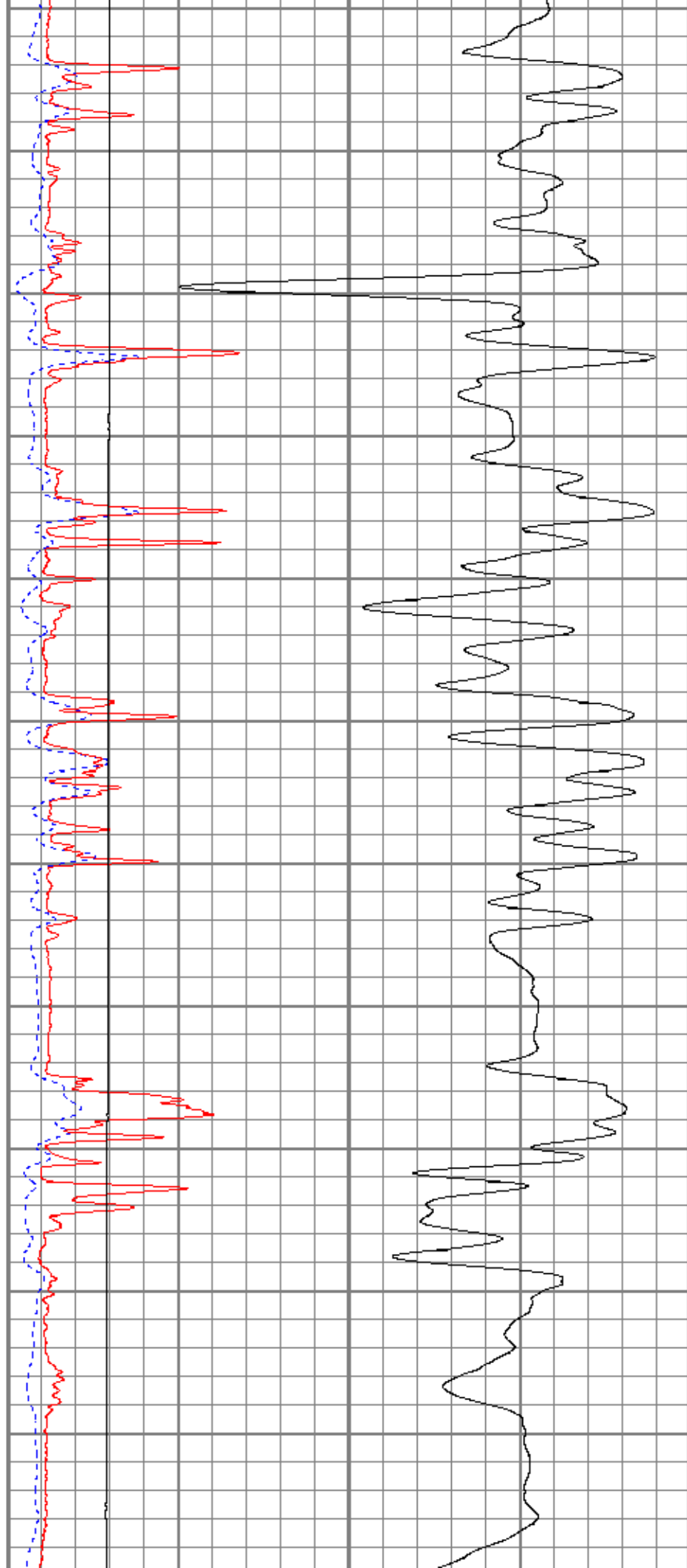
Database File jofcoffman1oh.db
Dataset Pathname pass3.1
Presentation Format kdi11inn
Dataset Creation Sun Apr 01 04:22:54 2018
Charted by Depth in Feet scaled 1:600

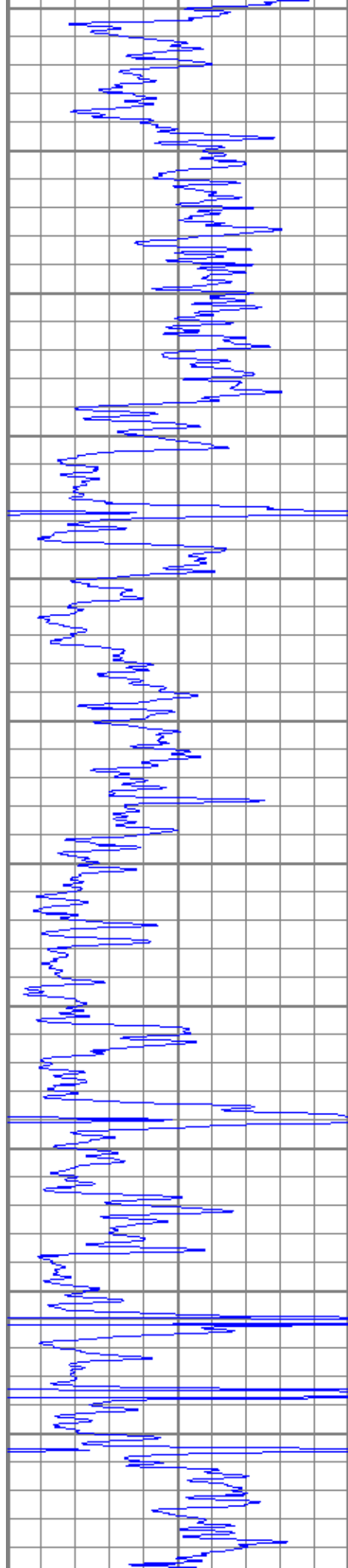
0	GR (GAPI)	150	1000	CILD (mmho/m)	0
			10000	LTEN (lb)	0
0	RILD (Ohm-m)	50			
0	RLL3 (Ohm-m)	50			
50	RILD x 10 (Ohm-m)	500			
50	RLL3 x 10 (Ohm-m)	500			



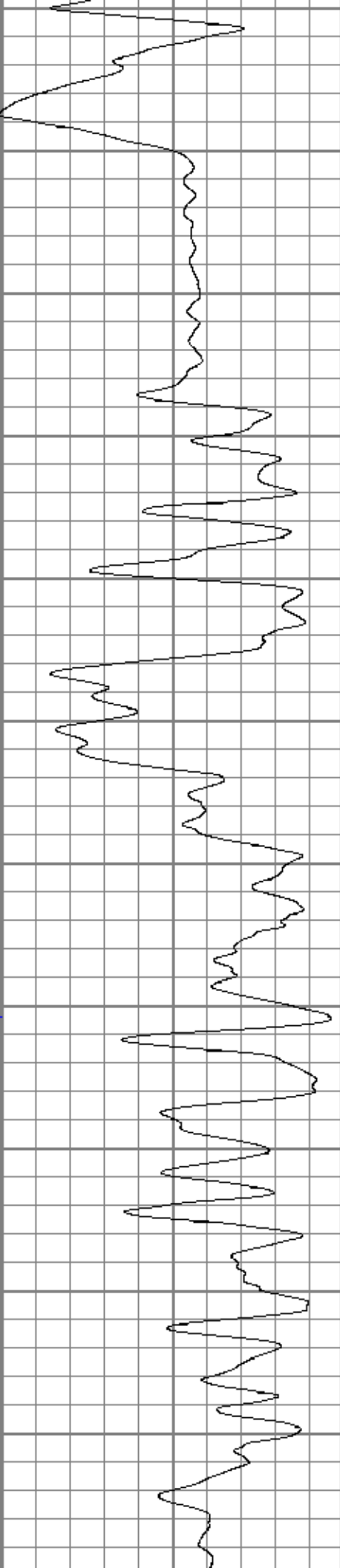
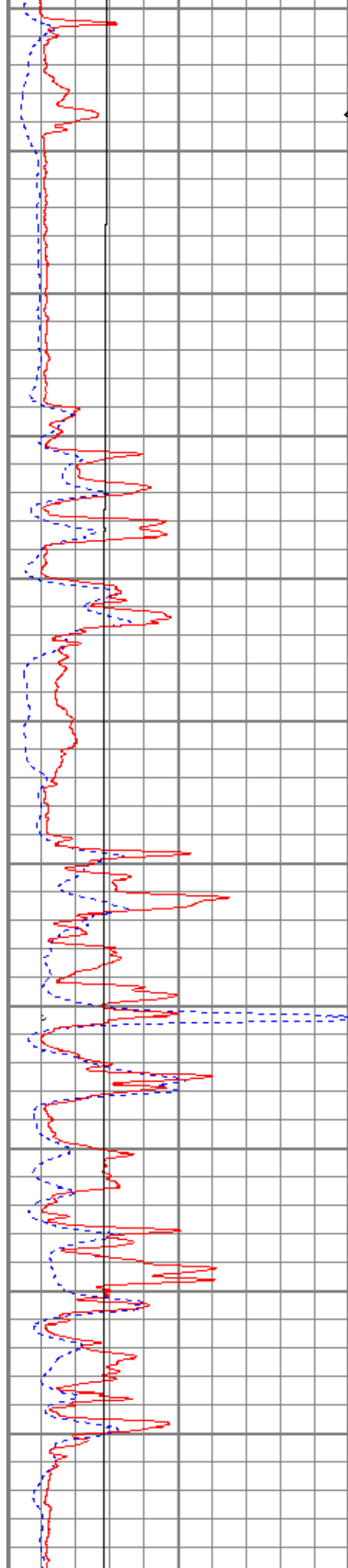


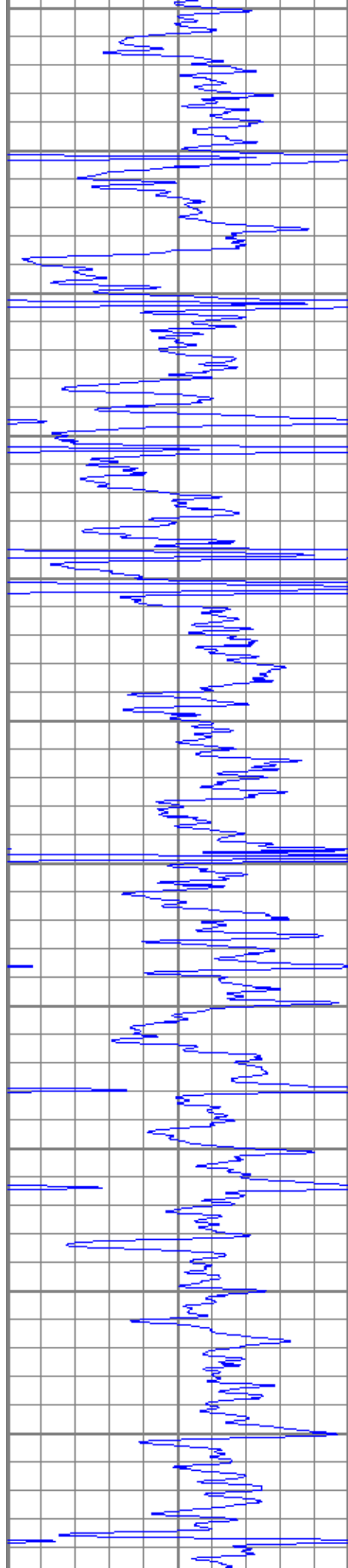
650
700
750
800
850
900
950
1000
1050
1100
1150



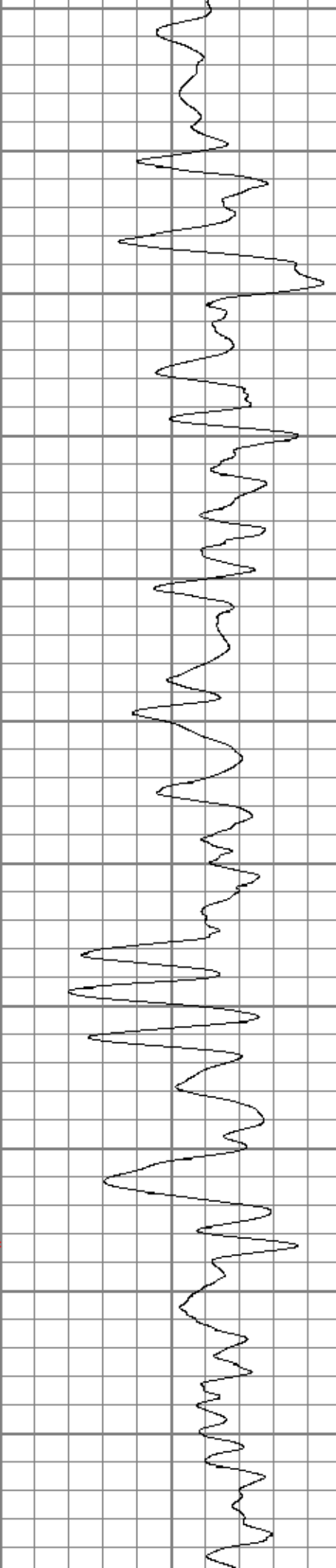
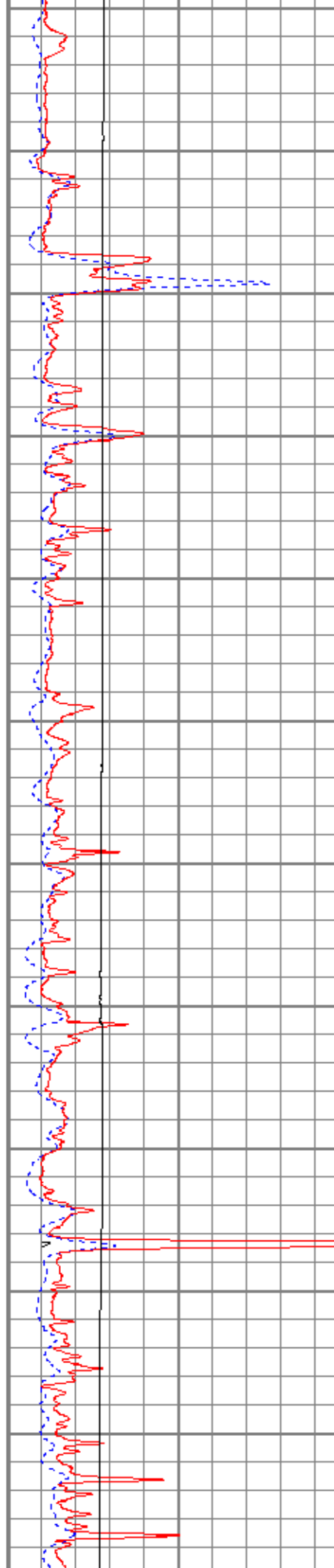


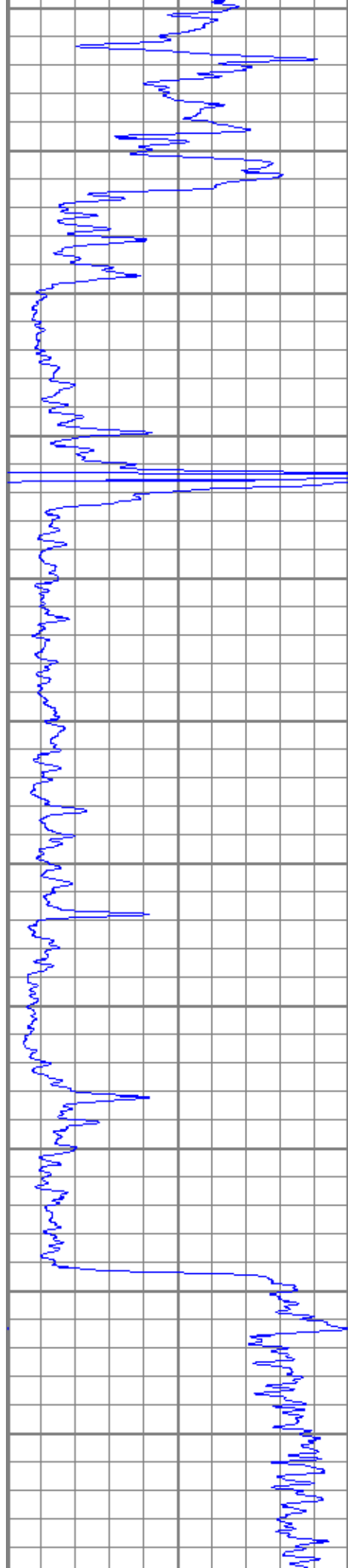
1200
1250
1300
1350
1400
1450
1500
1550
1600
1650
1700



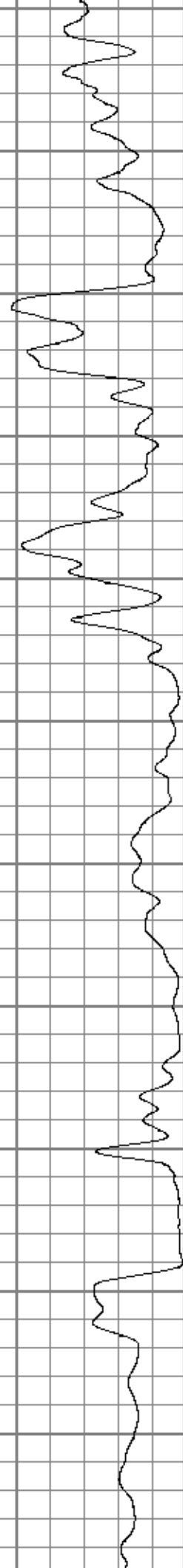
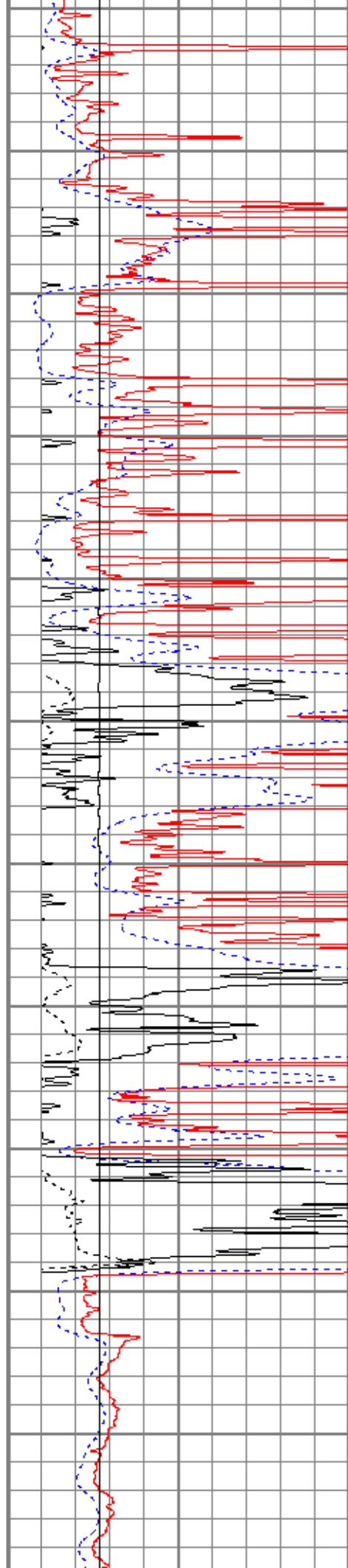


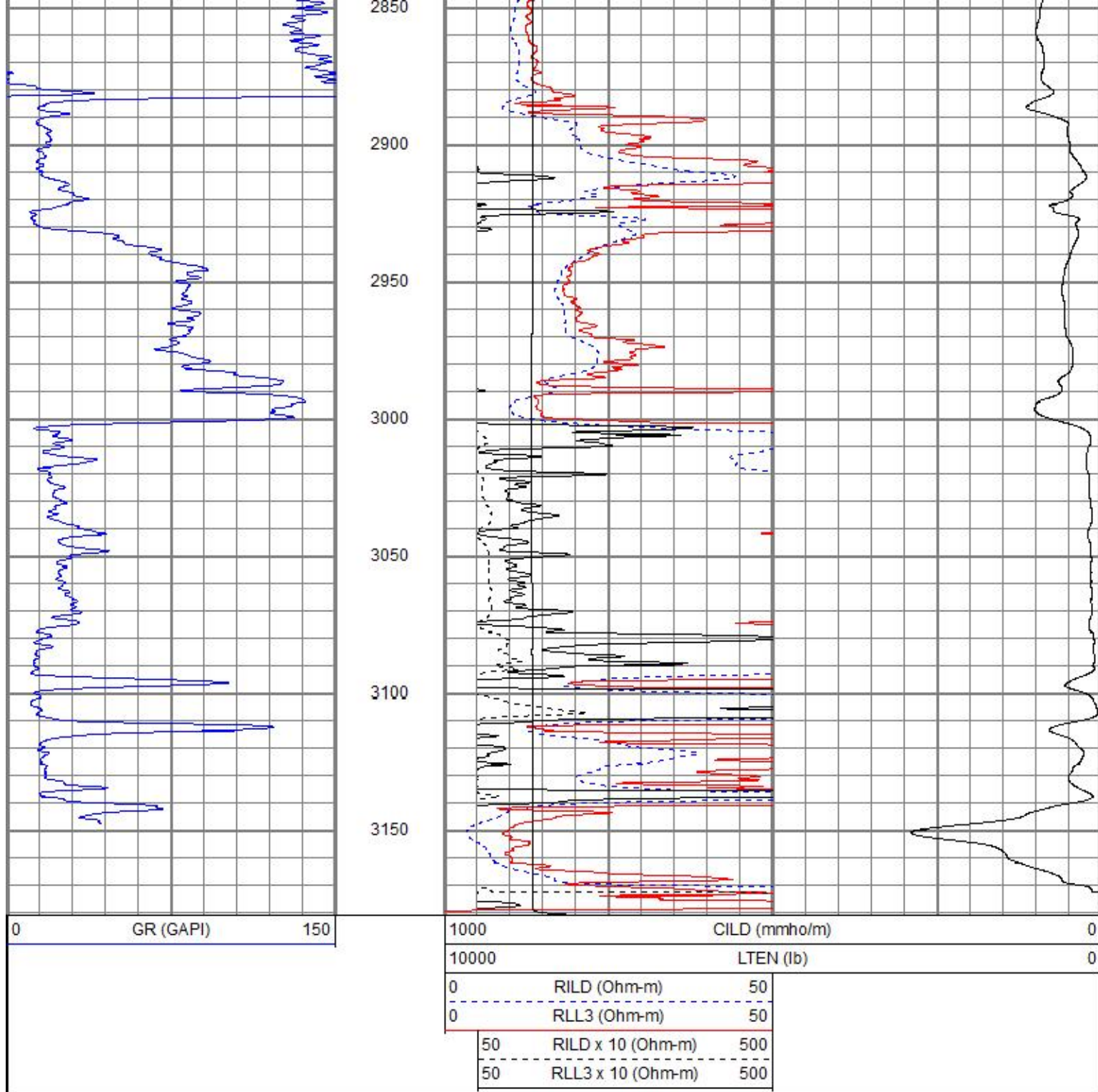
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250





2300
2350
2400
2450
2500
2550
2600
2650
2700
2750
2800

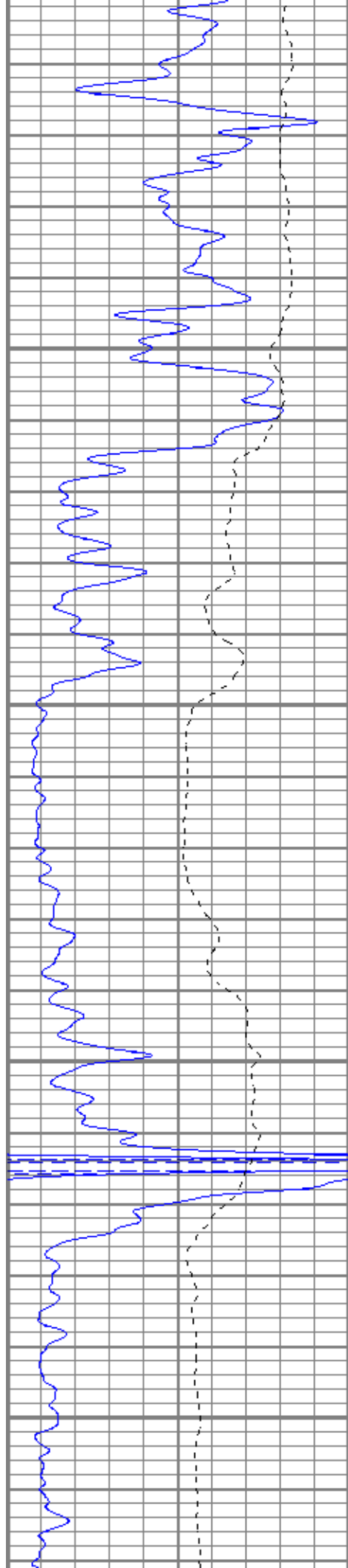




MAIN PASS

Database File jofcoffman1oh.db
 Dataset Pathname pass3.1
 Presentation Format kdil
 Dataset Creation Sun Apr 01 04:22:54 2018
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150	0.2	RILD (Ohm-m)	2000
-100	SP (mV)	100	0.2	RLL3 (Ohm-m)	2000
			0.2	RILM (Ohm-m)	2000

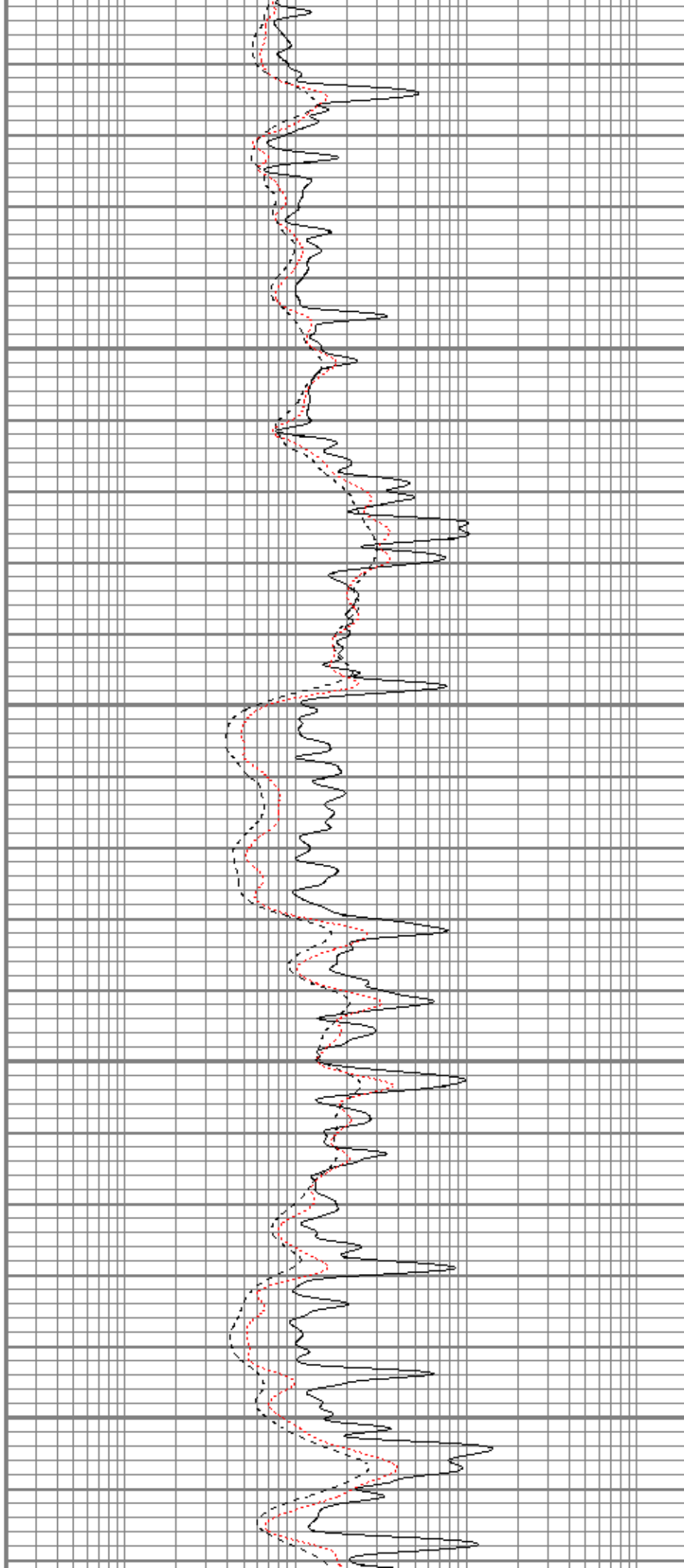


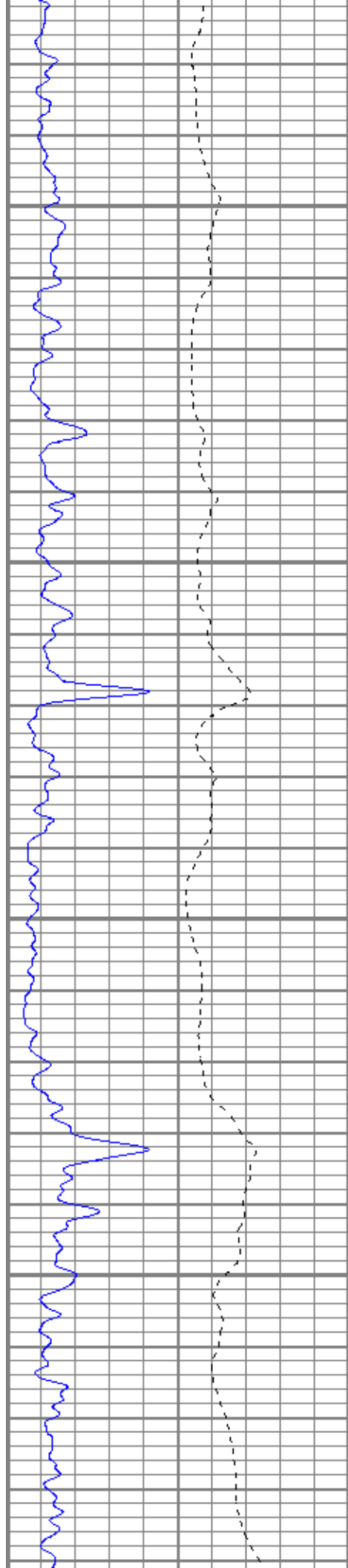
2350

2400

2450

2500



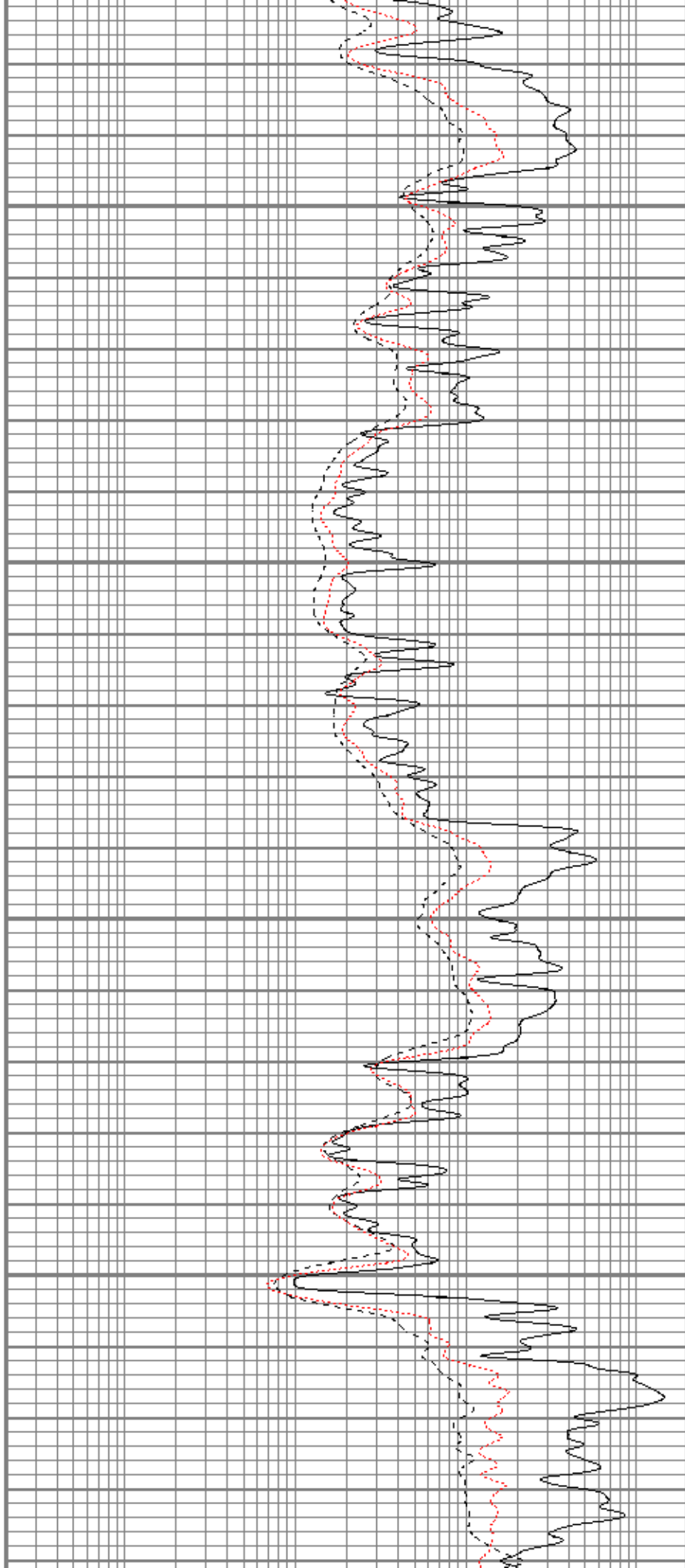


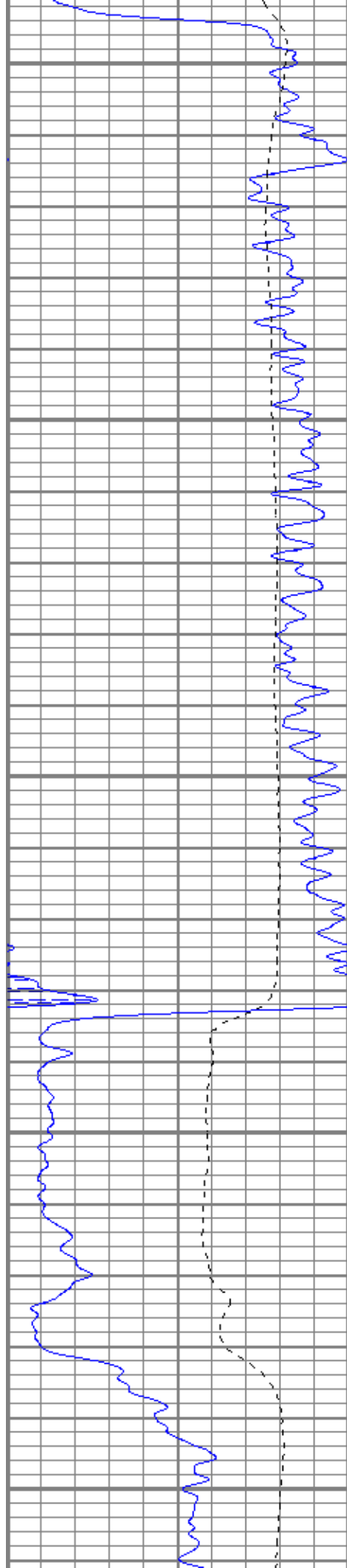
2550

2600

2650

2700





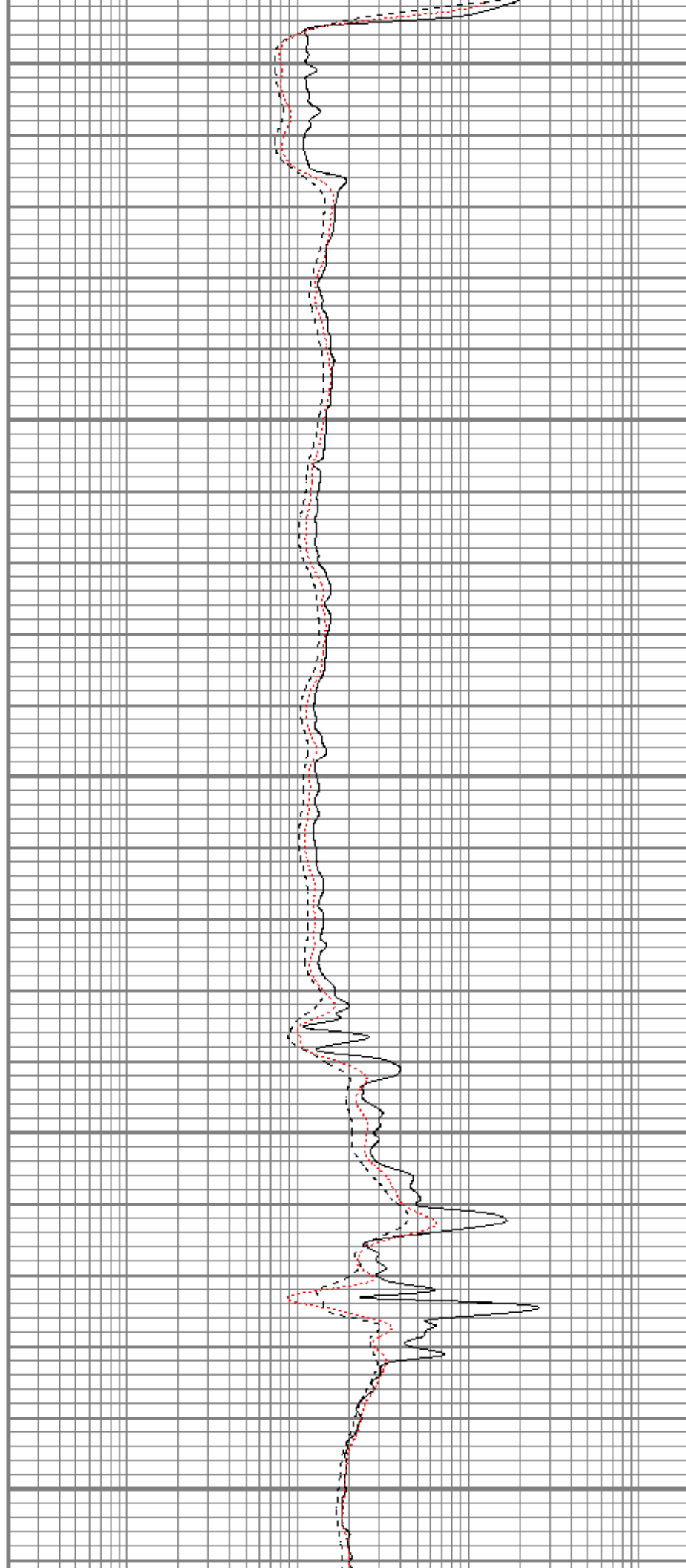
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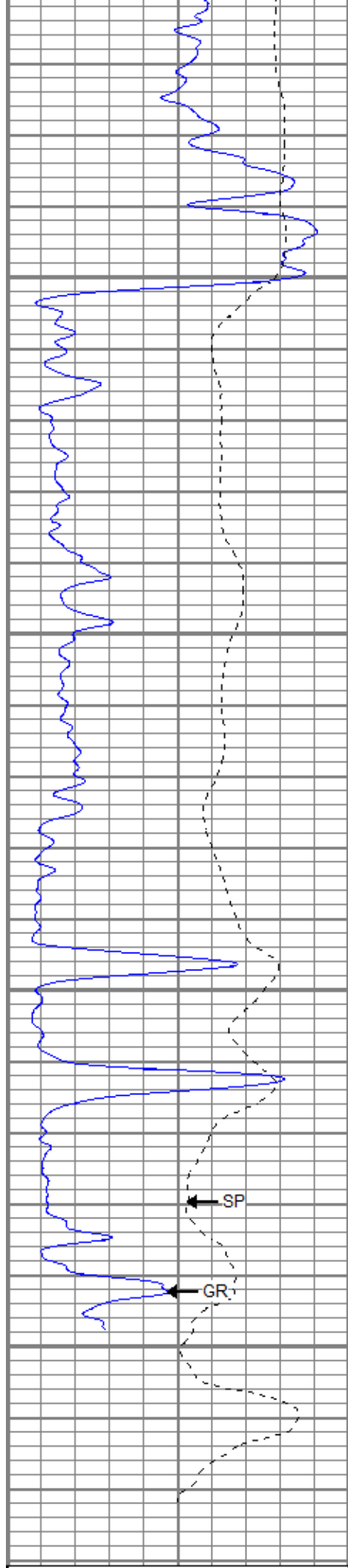
2800

2850

2900

2950





3000

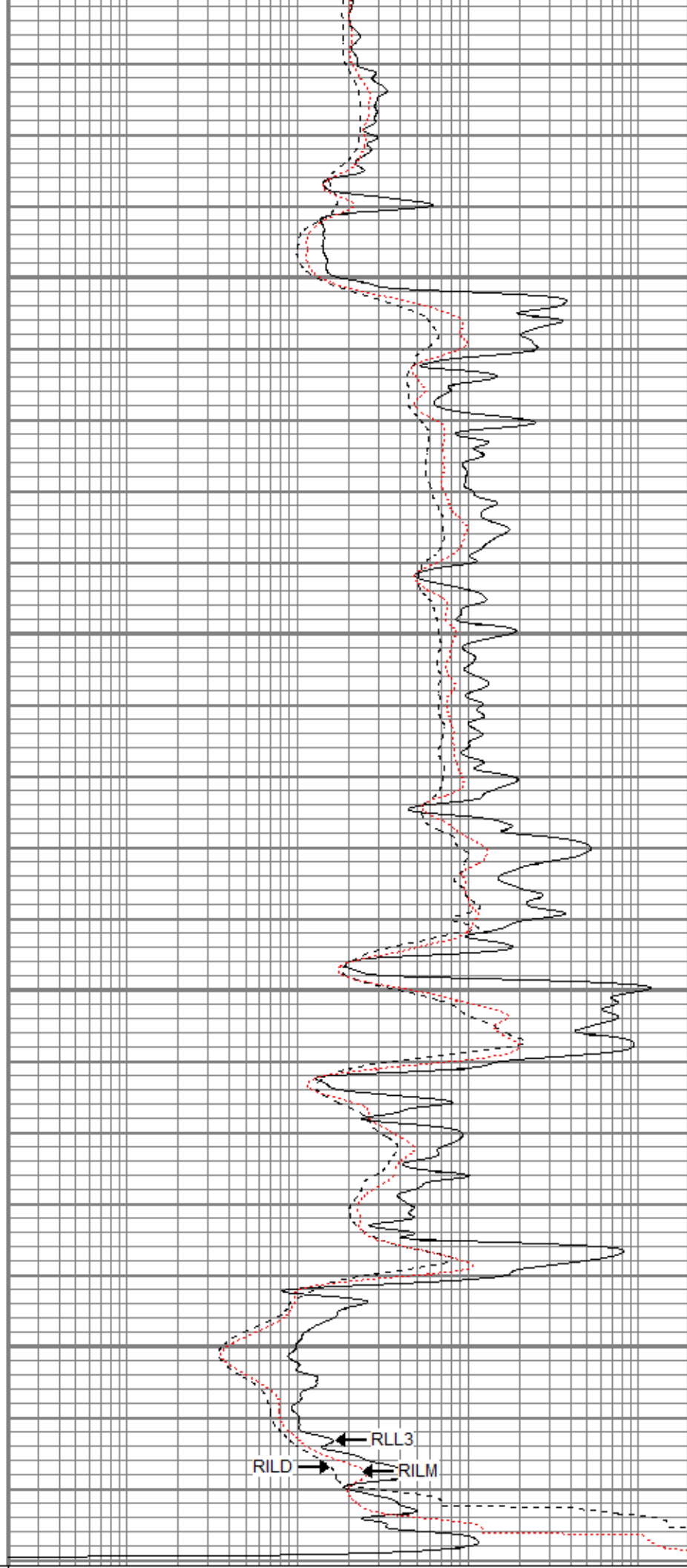
3050

3100

3150

← SP

← GR



← RLL3

← RILM

→ RILD

0	GR (GAPI)	150
-100	SP (mV)	100

0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000

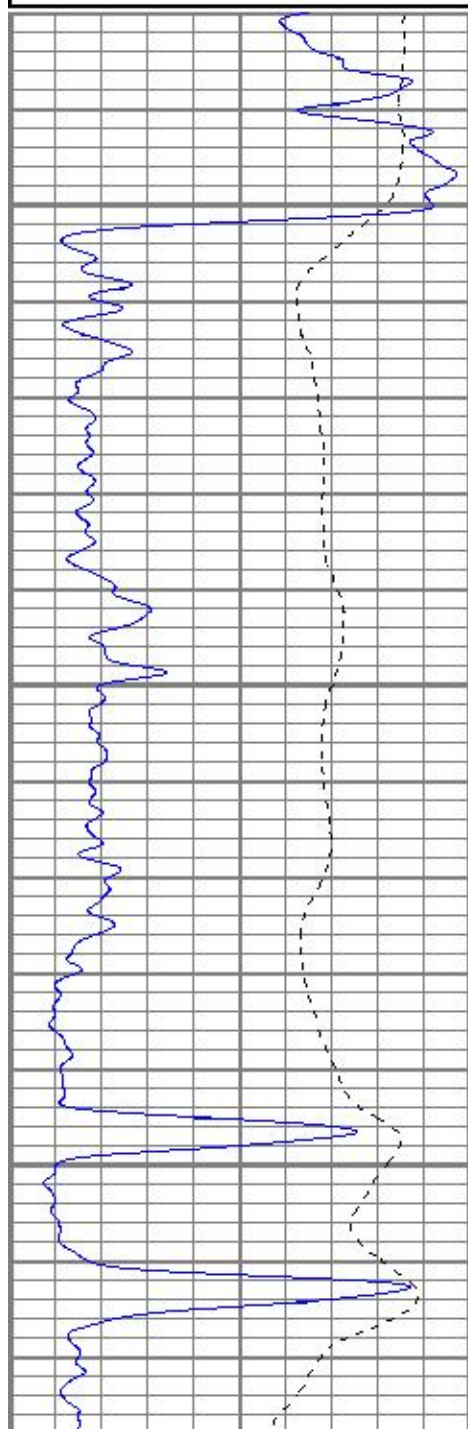


REPEAT SECTION

Database File jofcoffman1oh.db
 Dataset Pathname pass1.1
 Presentation Format kdil
 Dataset Creation Sun Apr 01 04:29:20 2018
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
-100	SP (mV)	100

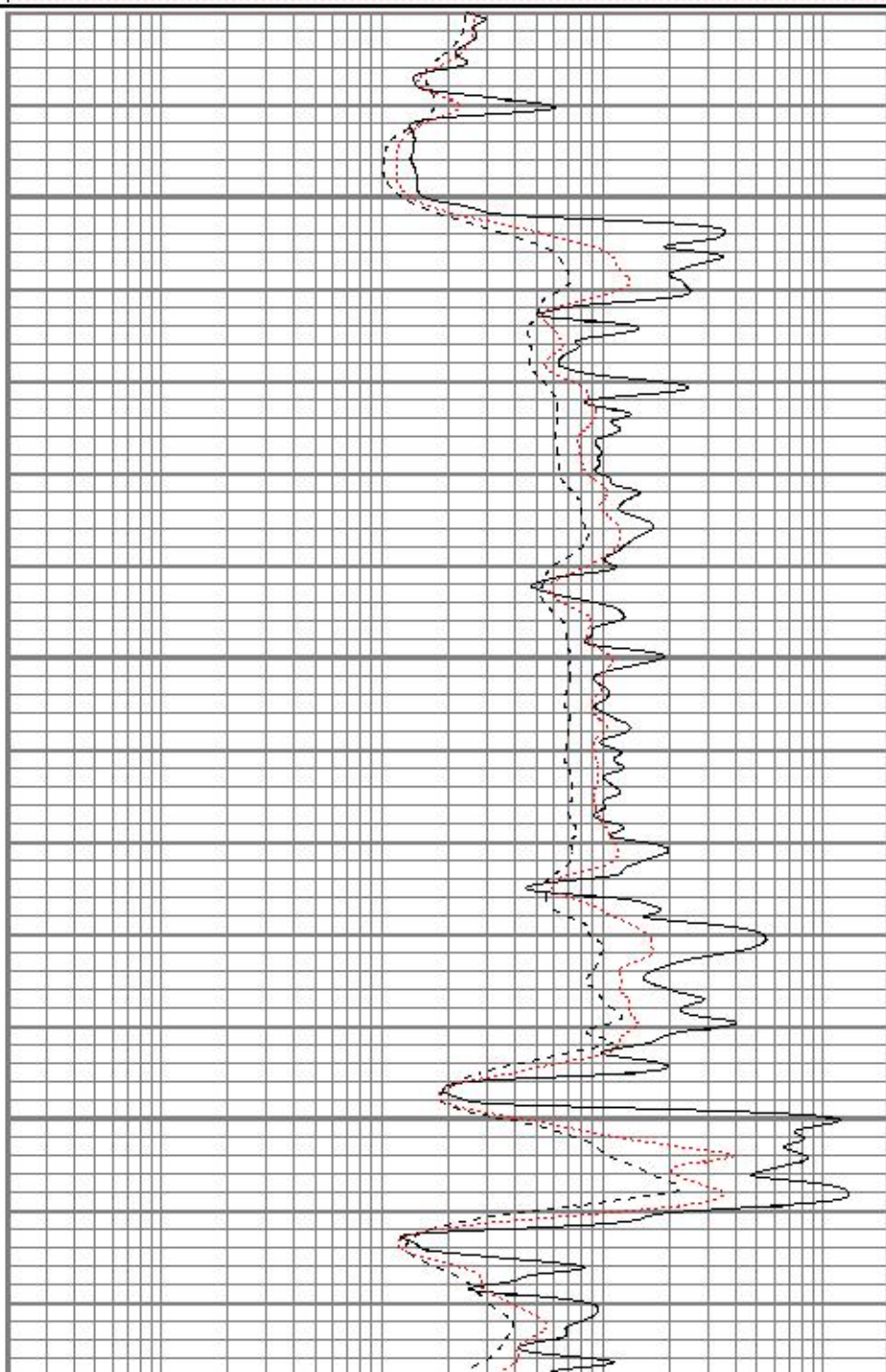
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000



3000

3050

3100



Serial-Model:
Source / Verifier:
Master Calibration Performed:
Before Survey Verification Performed:
After Survey Verification Performed:

Master Calibration

Before Survey Verification

After Survey Verification

Gamma Ray Calibration Report

Serial Number: 2000
Tool Model: P2000
Performed: Sun Feb 18 09:53:39 2018

Neutron Calibration Report

Serial Number: 5108
Tool Model: PROBE
Performed: Sun Feb 19 03:21:57 2017

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
NEU	36.60		CHD-None	0.75	1.50	5.00
			NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	30.81		GR-P2000 (2000)	3.67	3.25	40.00

