



DUAL INDUCTION LOG

Company John O. Farmer, Inc.

Well Prellwitz #1

Field Wildcat

County Lyon

State KS

Location:

API #: 15 111 20537

2150' FSL & 90' FEL

SEC 16 TWP 16S RGE 11E

Permanent Datum Ground Level Elevation 1389'
Log Measured From KB 8' AGL
Drilling Measured From KB

Other Services
ML
CDNL
BCS
Elevation
K.B. 1397'
D.F. 1396'
G.L. 1389'

Date

5-21-18

Run Number

One

Depth Driller

3114'

Depth Logger

3115'

Bottom Logged Interval

3113'

Top Log Interval

210'

Casing Driller

8 5/8" @ 220'

Casing Logger

220'

Bit Size

7 7/8"

Type Fluid in Hole

Chemical Mud

Density / Viscosity

9.3/43

pH / Fluid Loss

10.0/8.0

Source of Sample

Pit

Rm @ Meas. Temp

2.6@78degf

Rmf @ Meas. Temp

2.1@78degf

Rmc @ Meas. Temp

3.33@88degf

Source of Rmf / Rmc

Calculated

Rm @ BHT

1.87@108degf

Time Circulation Stopped

11:45 p.m.

Time Logger on Bottom

1:15 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

East out of Council Grove 17 mi. to K Rd., South on K Rd. 250 Ft , Southwest into

Thank you for using Gemini Wireline
785-625-1182



MAIN PASS

Database File jofprellwitz1oh.db
Dataset Pathname pass2.1
Presentation Format kdi11inn
Dataset Creation Mon May 21 06:14:35 2018
Charted by Depth in Feet scaled 1:600

0 GR (GAPI) 150

1000 CILD (mmho/m) 0

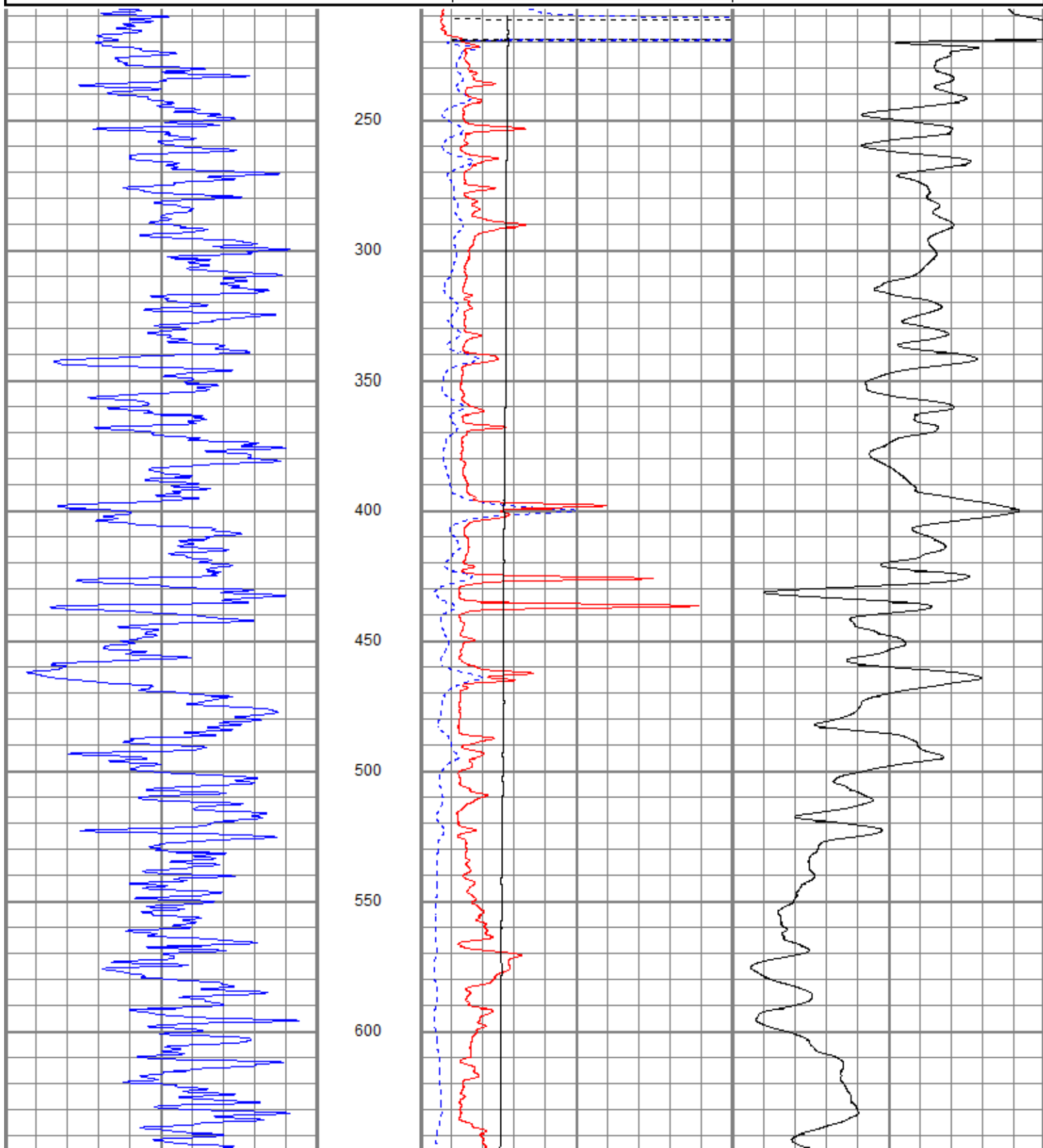
10000 LTEN (lb) 0

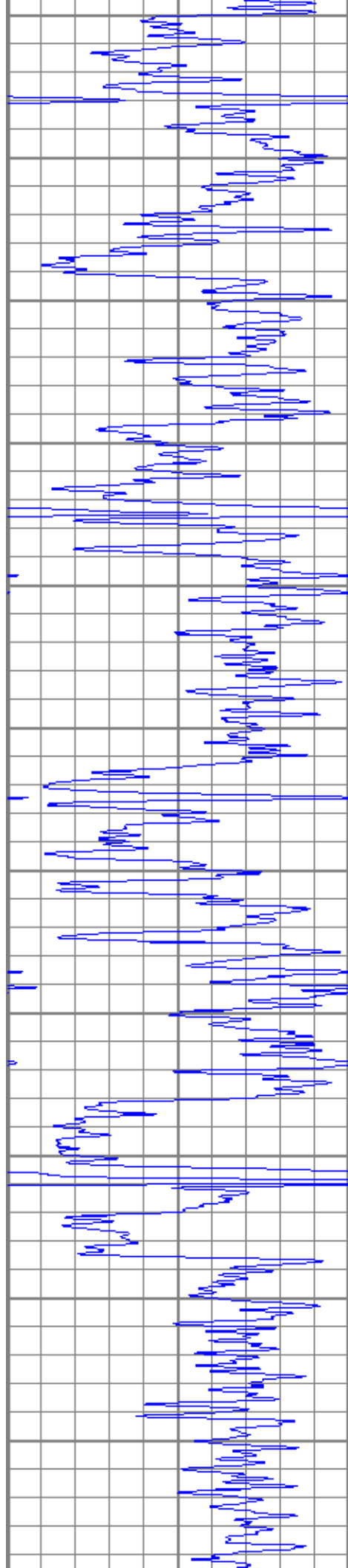
0 RILD (Ohm-m) 50

0 RLL3 (Ohm-m) 50

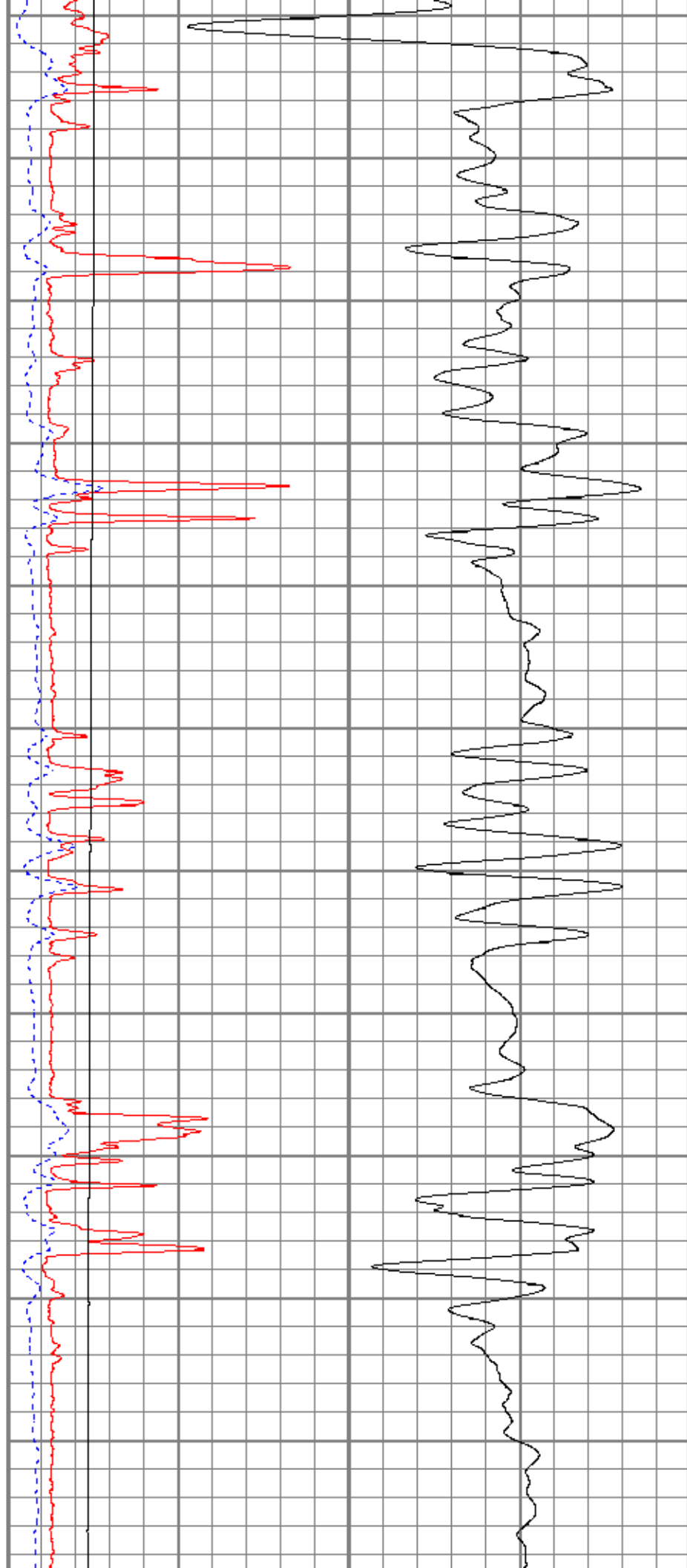
50 RILD x 10 (Ohm-m) 500

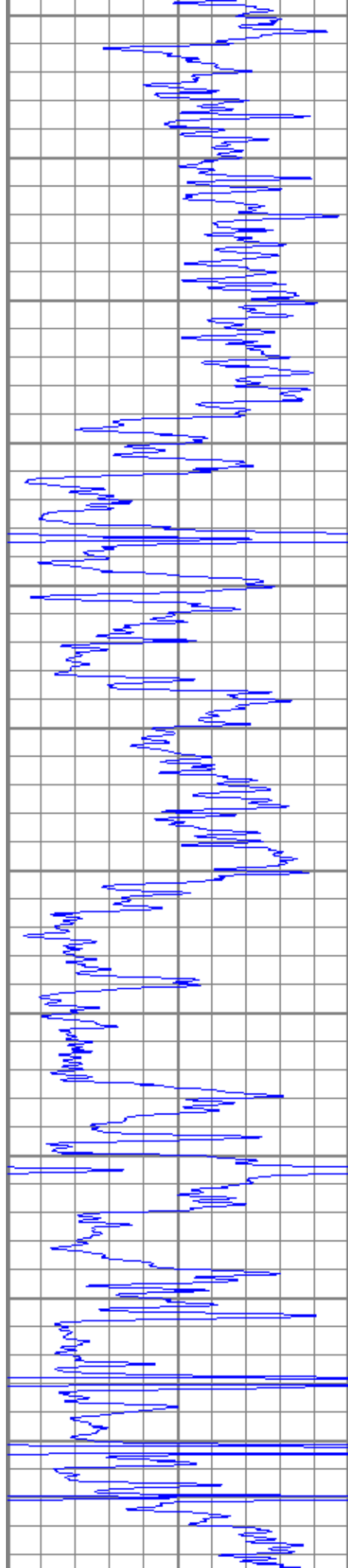
50 RLL3 x 10 (Ohm-m) 500



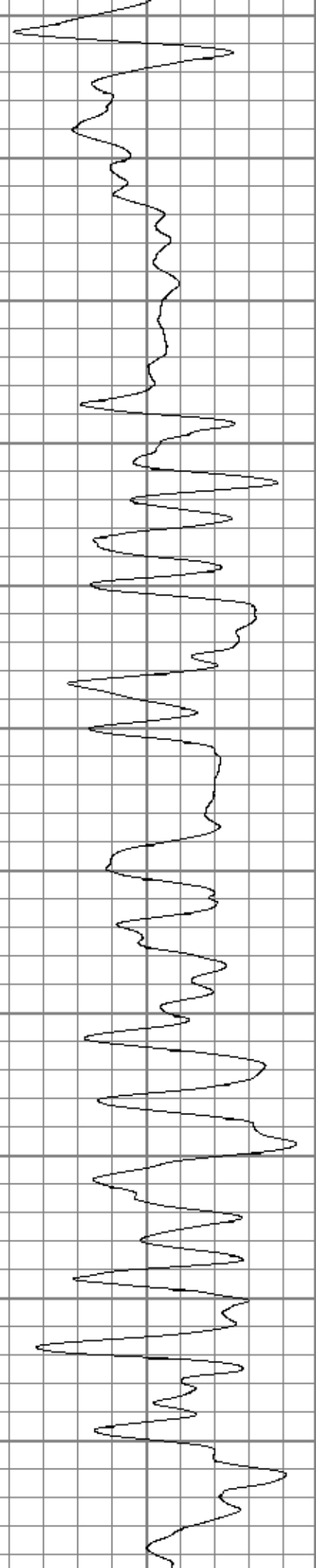
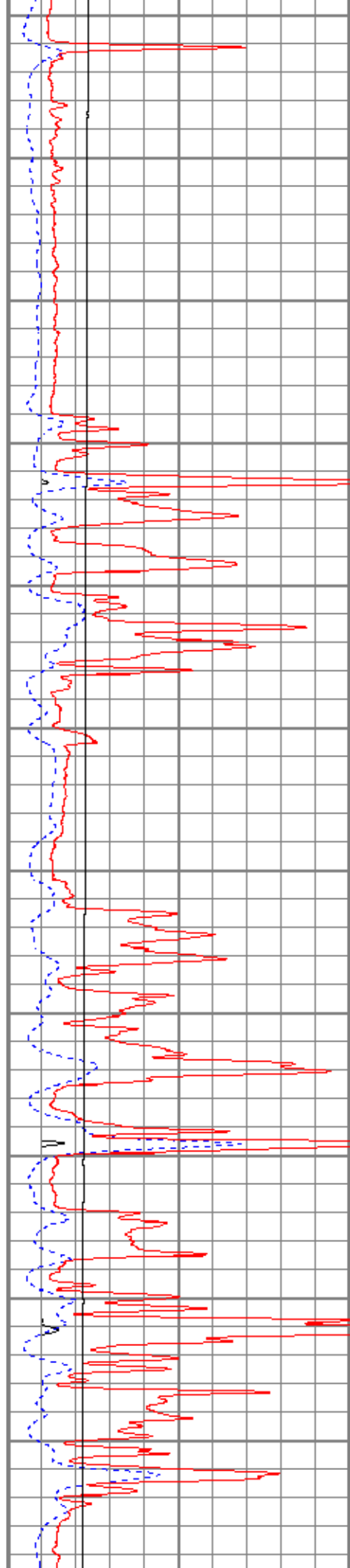


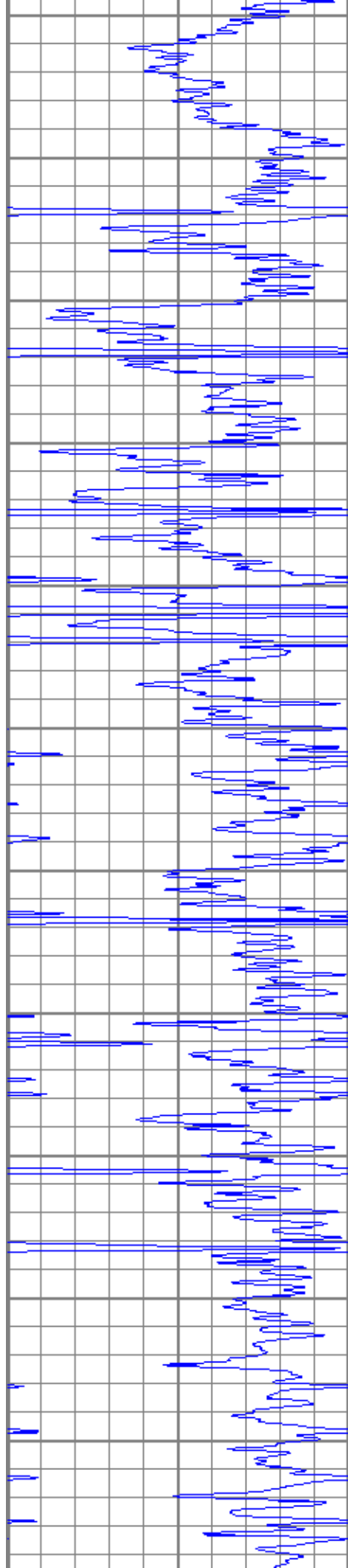
650
700
750
800
850
900
950
1000
1050
1100
1150



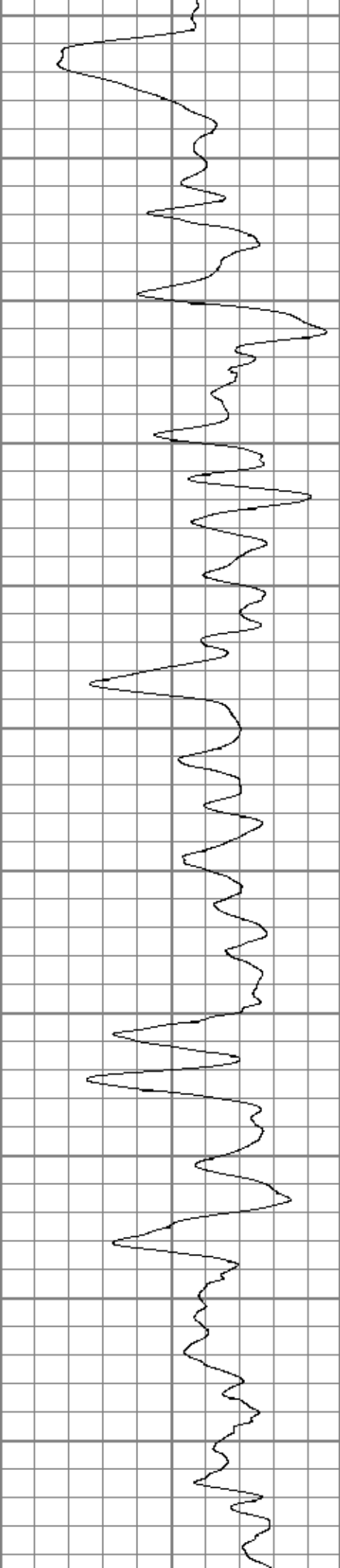
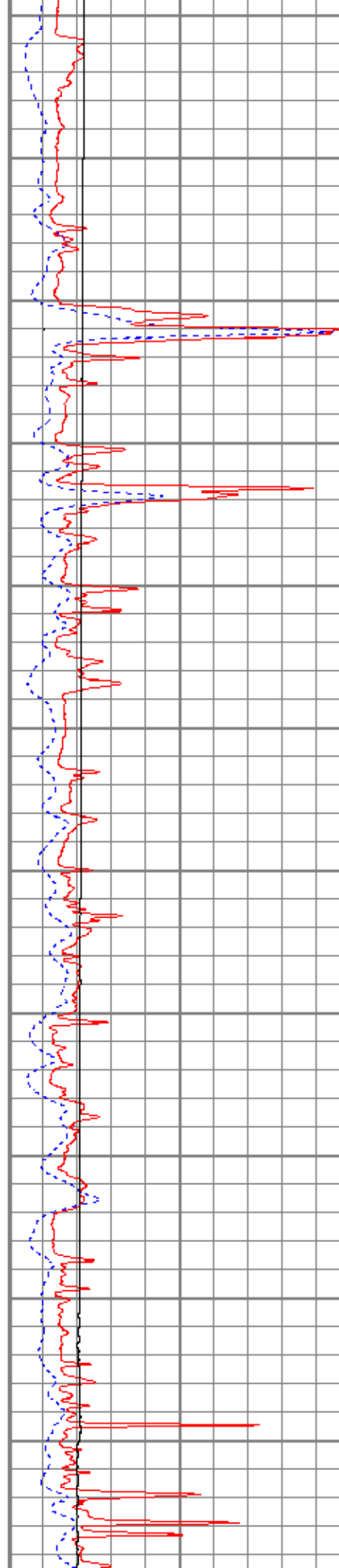


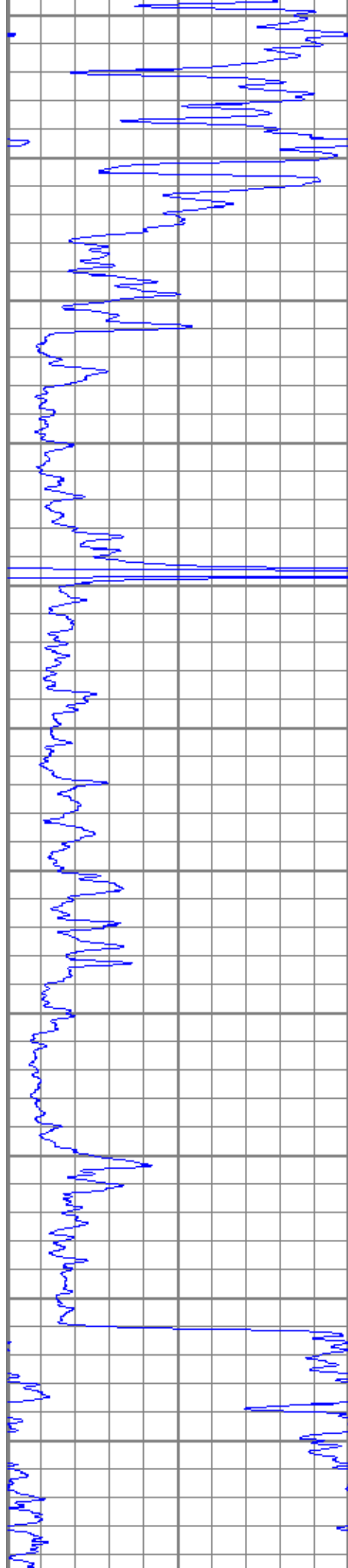
1200
1250
1300
1350
1400
1450
1500
1550
1600
1650
1700



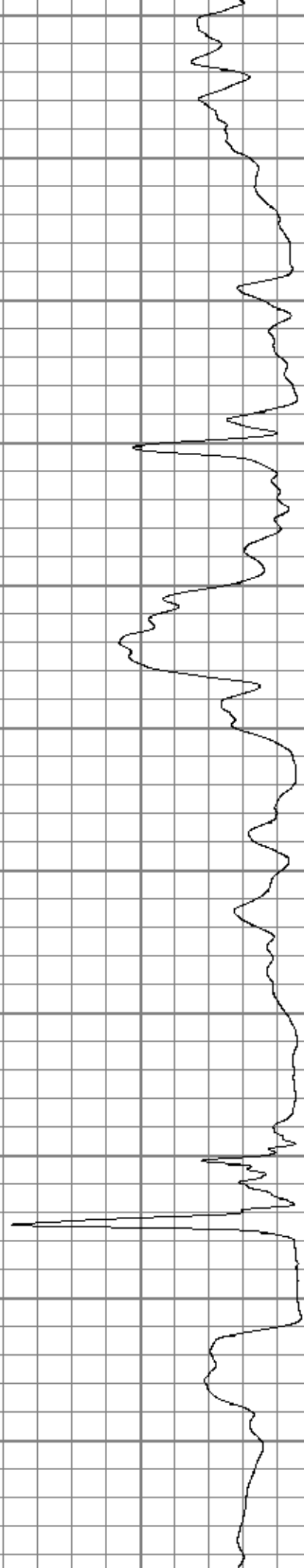
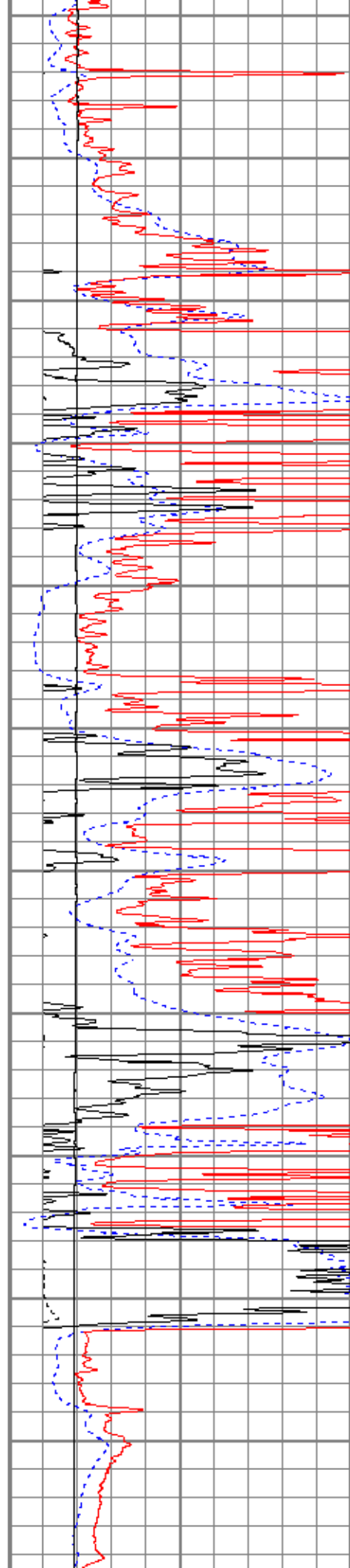


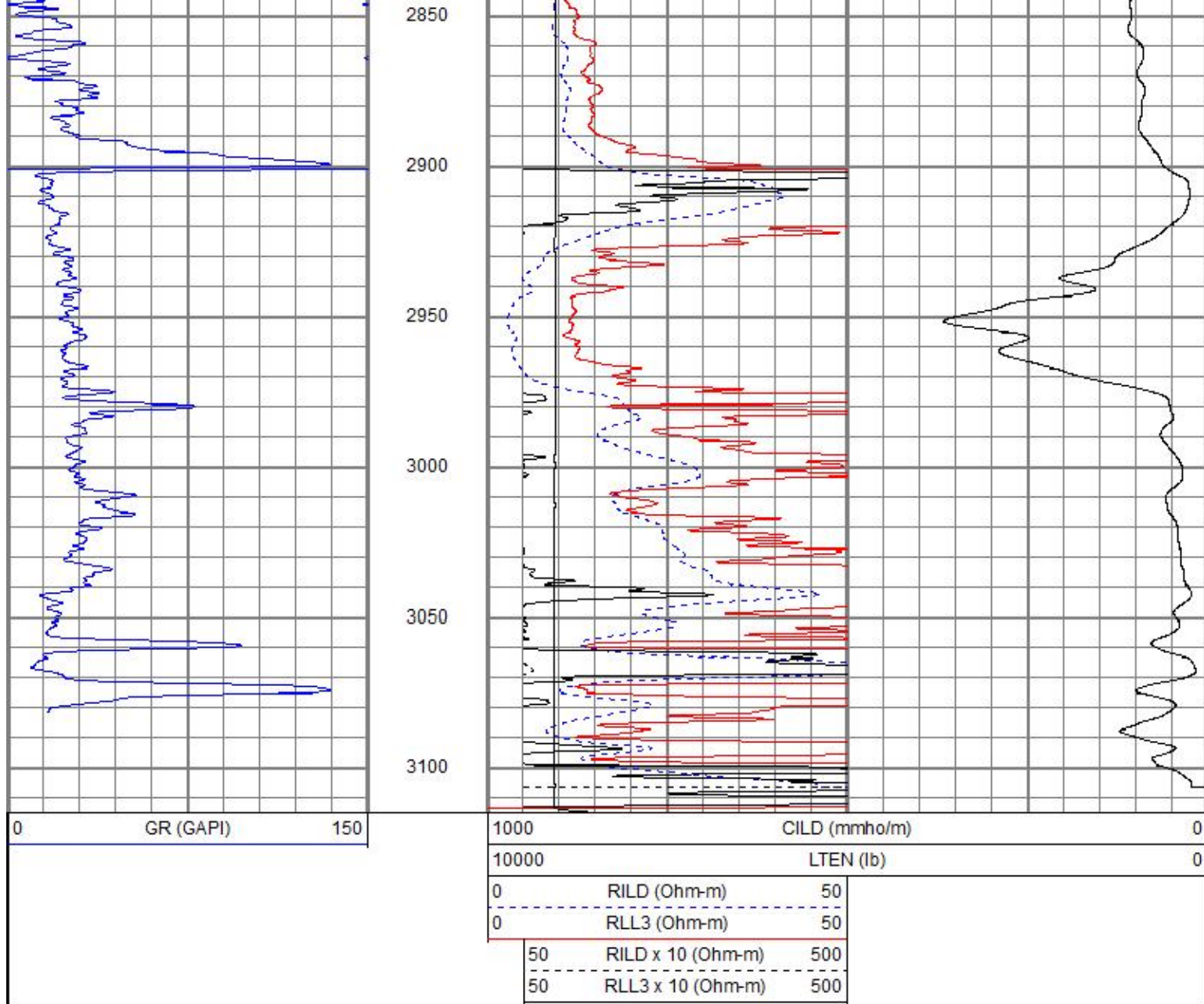
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250





2300
2350
2400
2450
2500
2550
2600
2650
2700
2750
2800

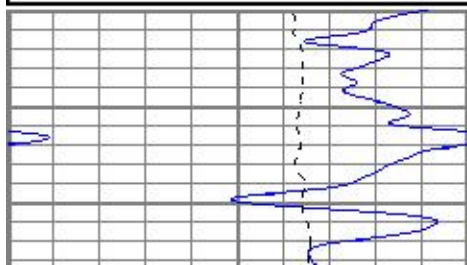




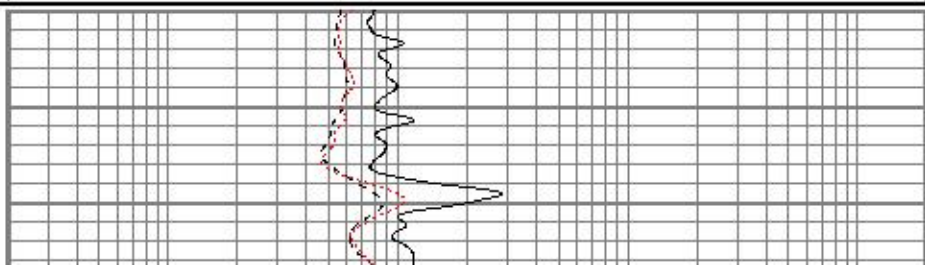
MAIN PASS

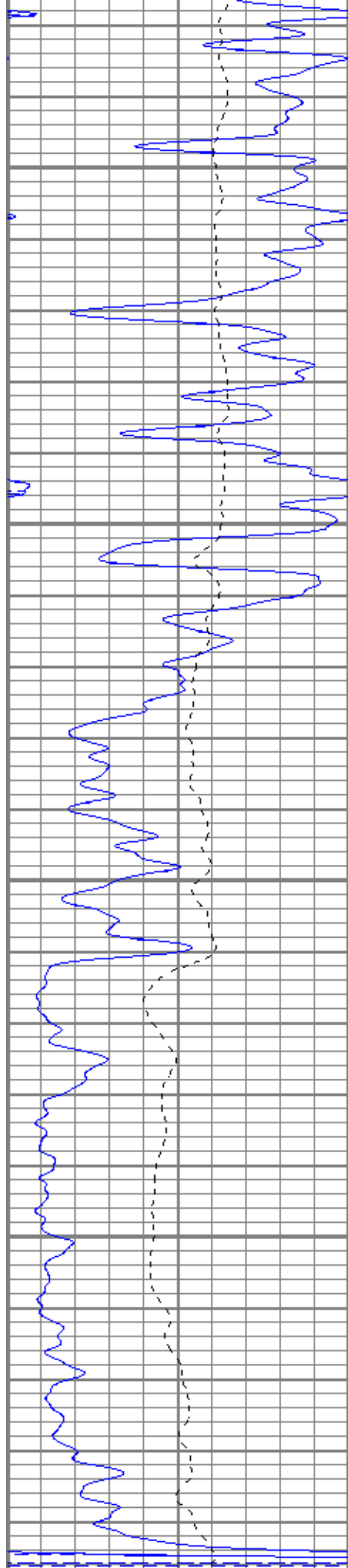
Database File jofprellwitz1oh.db
 Dataset Pathname pass2.1
 Presentation Format kdil
 Dataset Creation Mon May 21 06:14:35 2018
 Charted by Depth in Feet scaled 1:240

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



2250



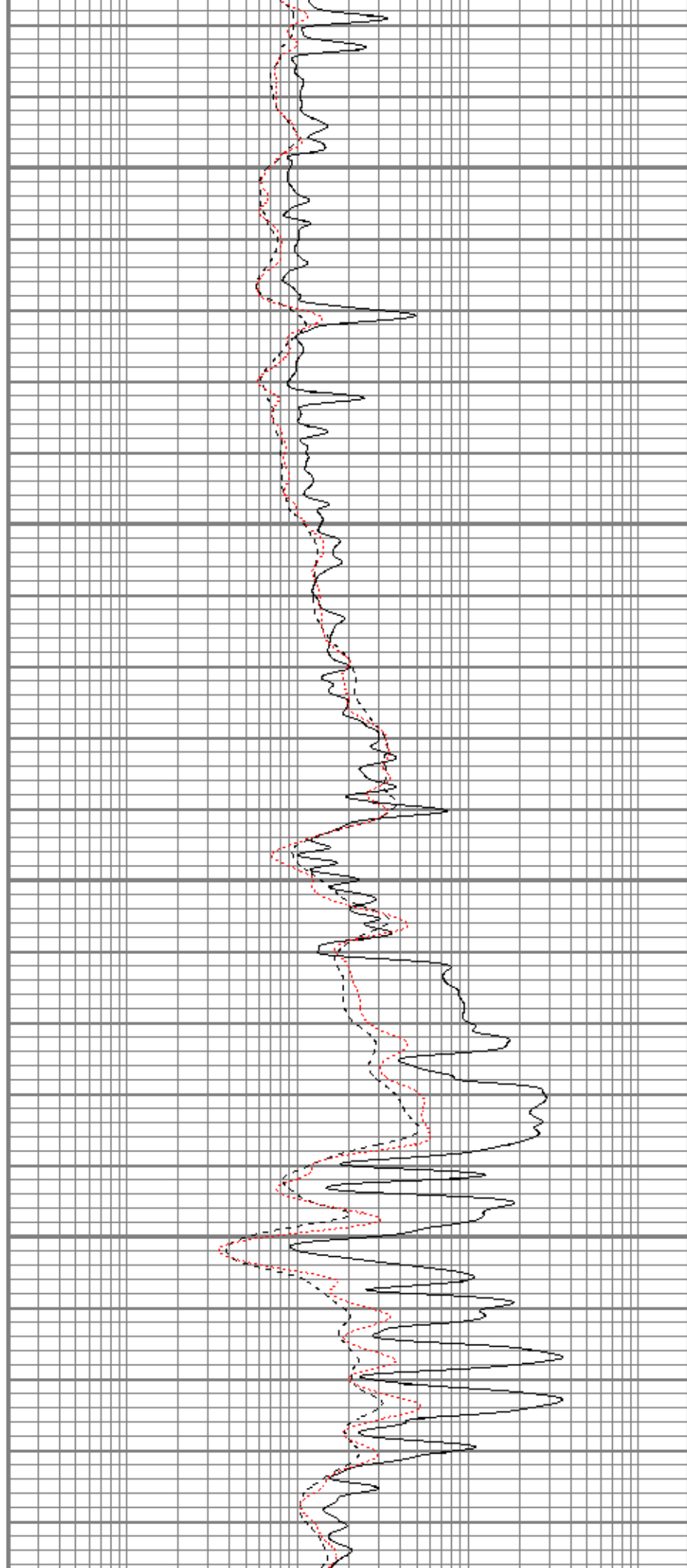


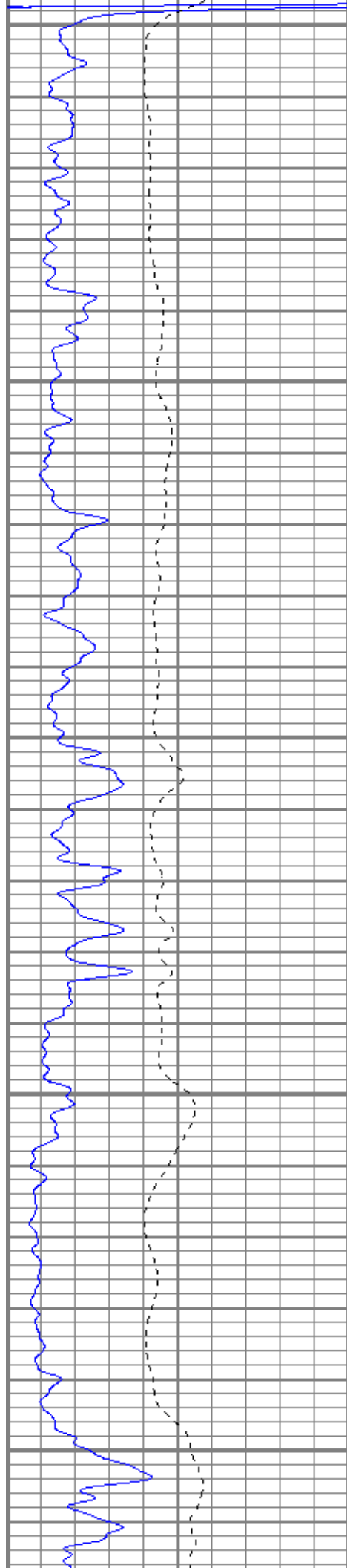
2300

2350

2400

2450





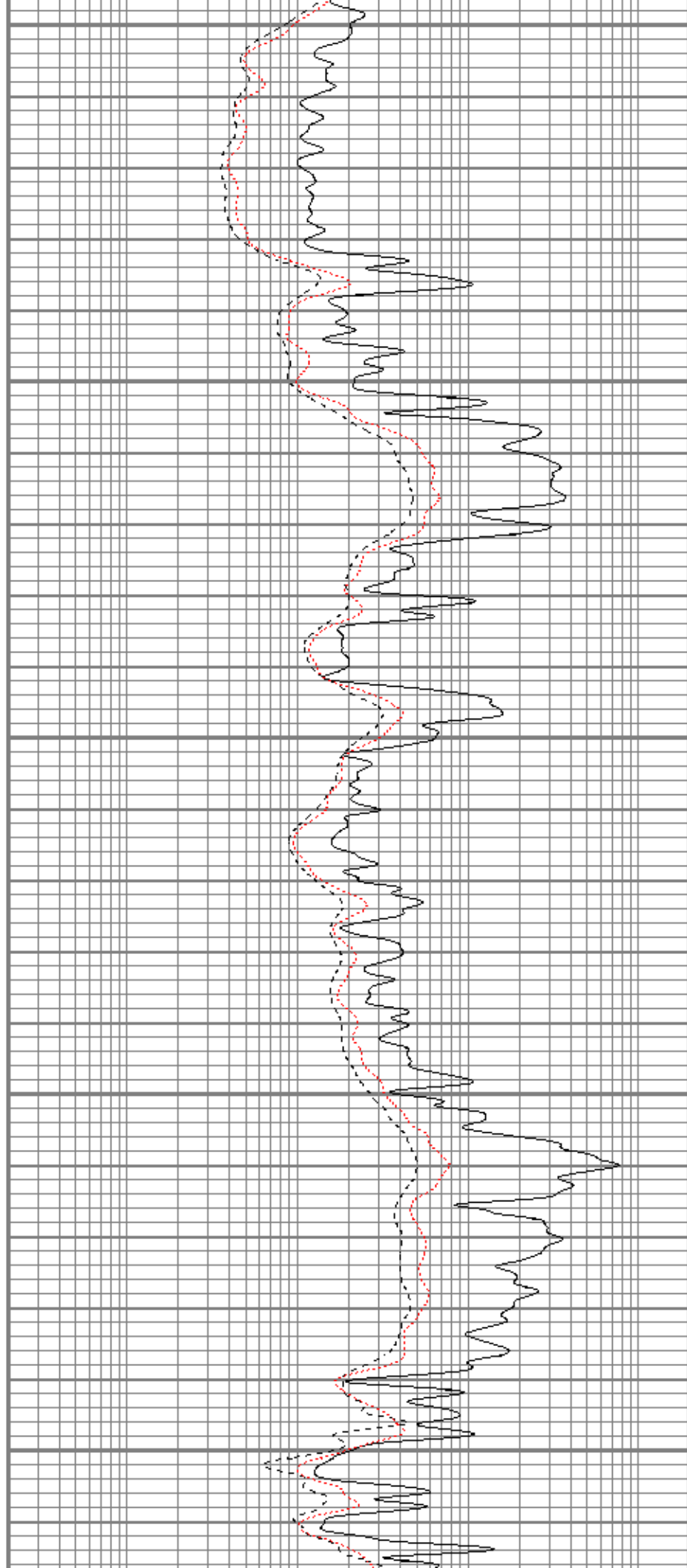
2500

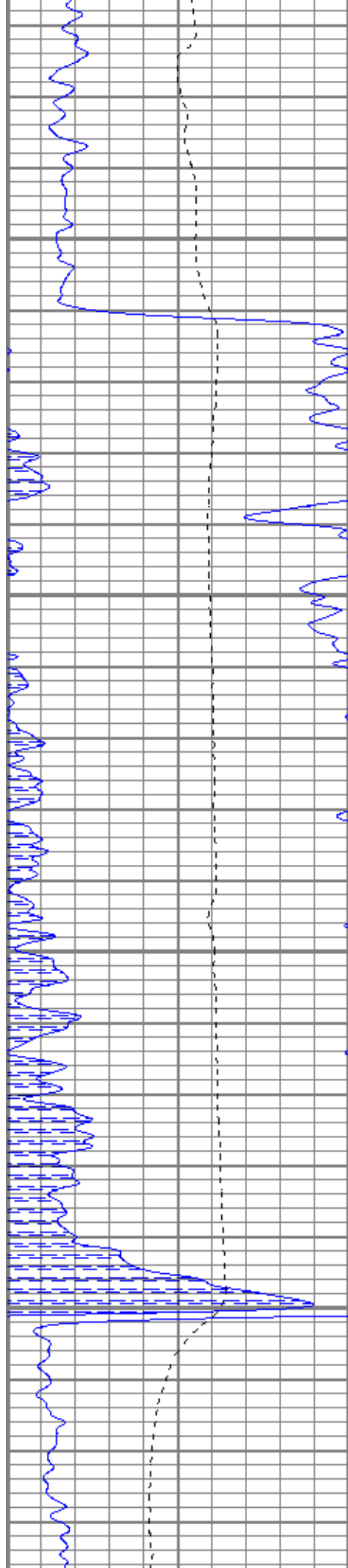
2550

2600

2650

2700



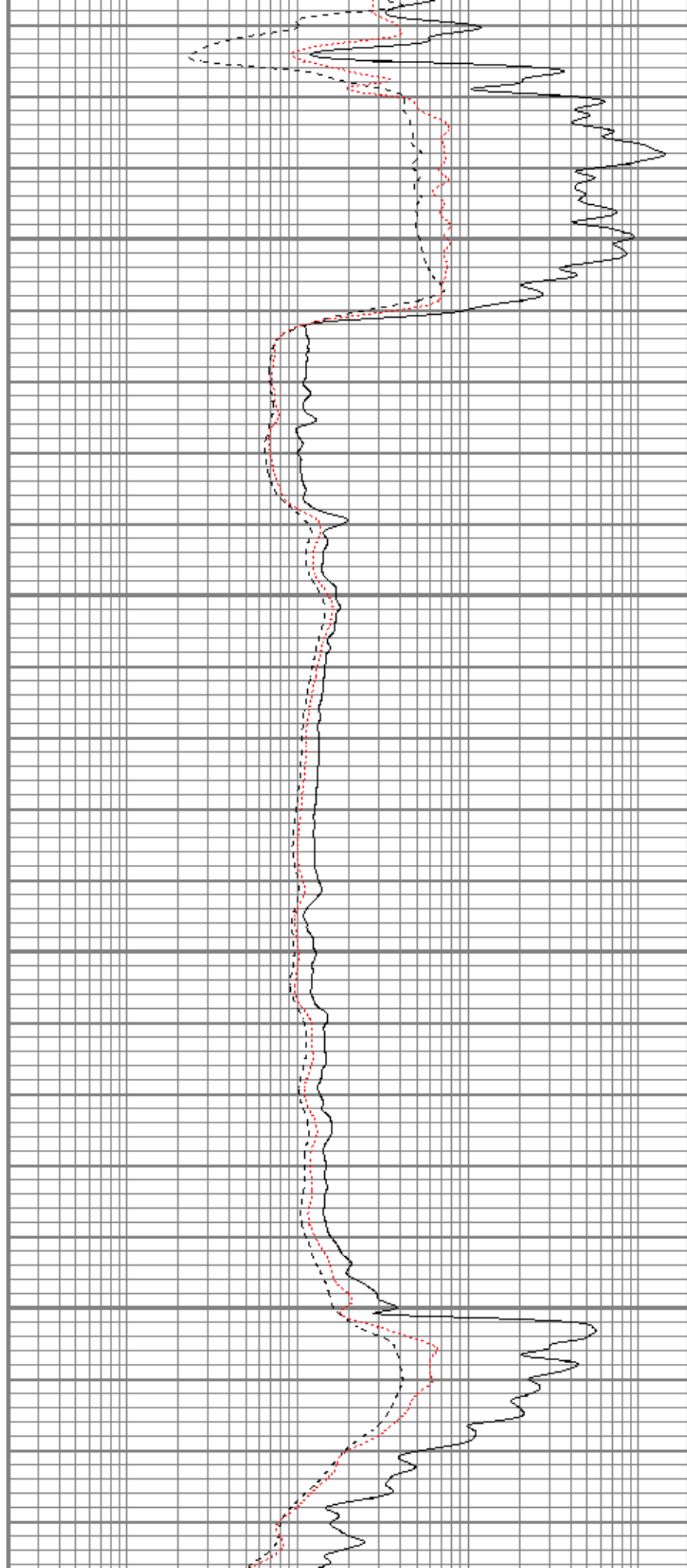


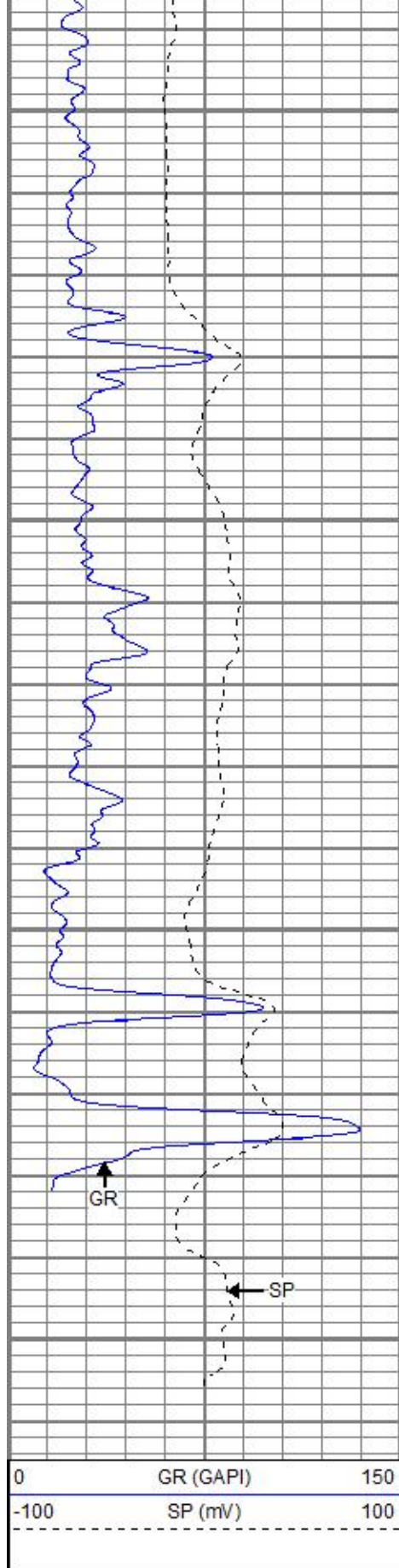
2750

2800

2850

2900



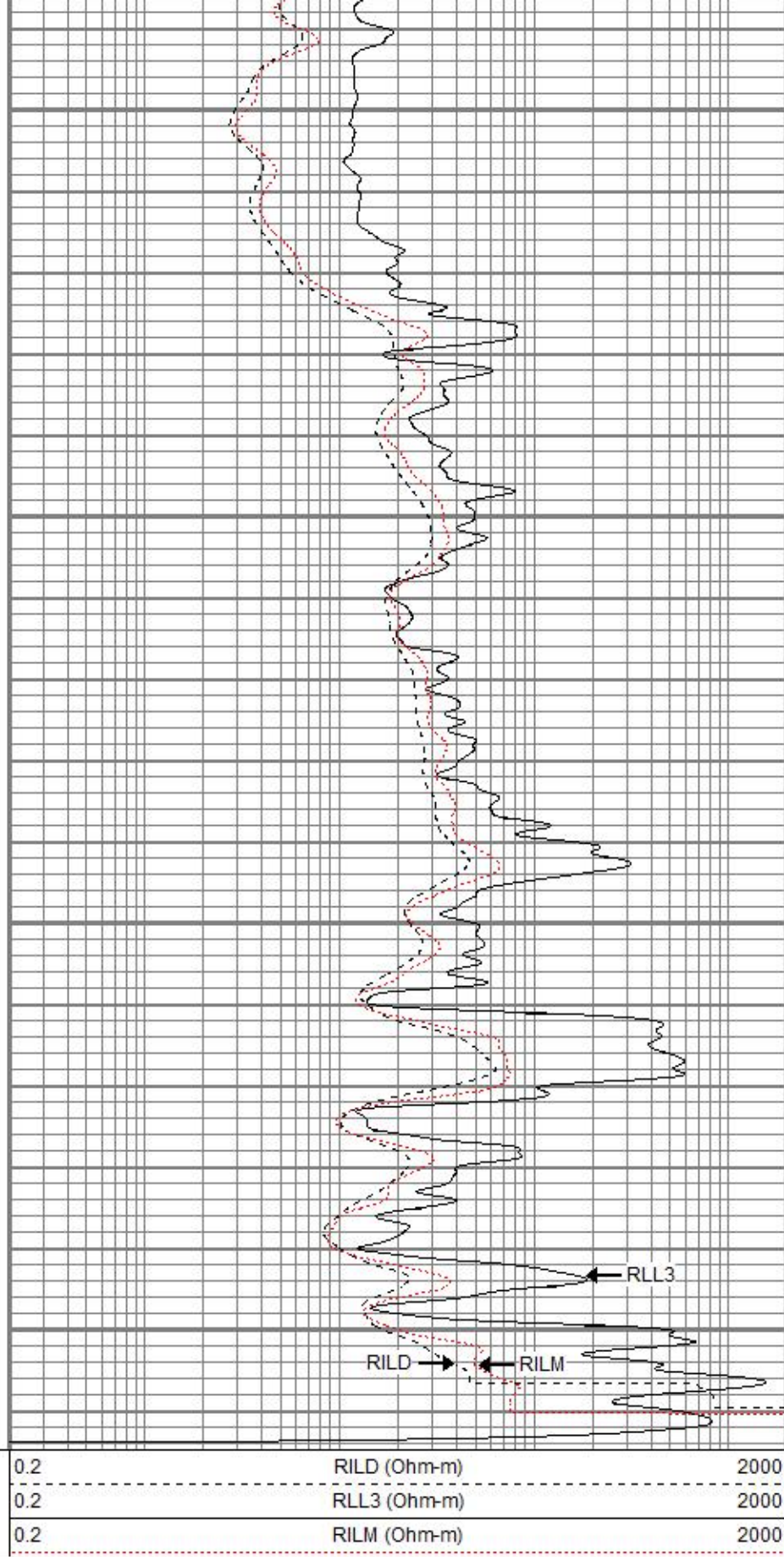


2950

3000

3050

3100

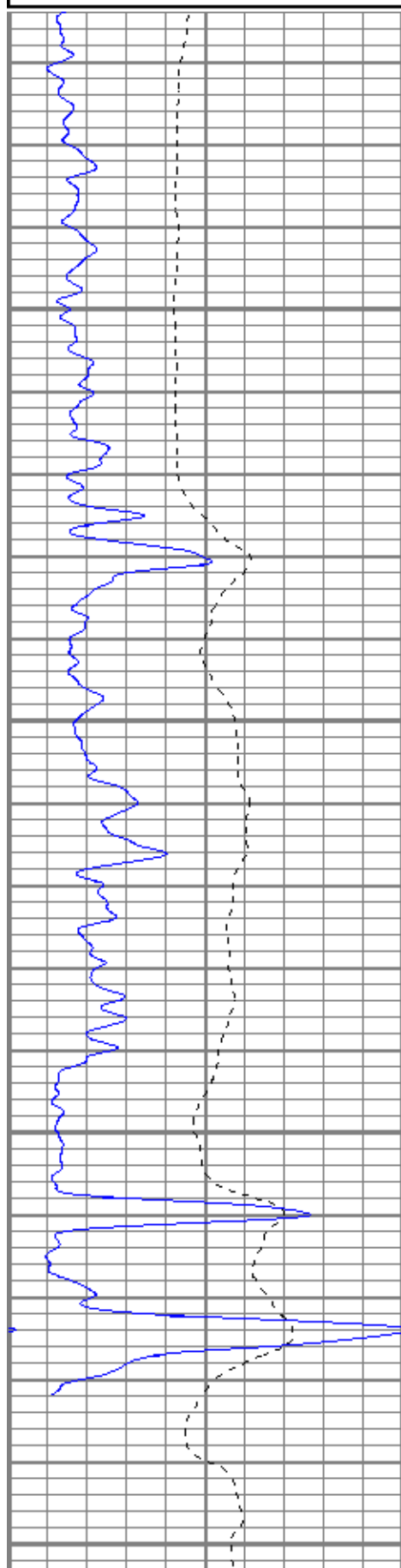


REPEAT SECTION

Database File joipreliwiz10n.db
Dataset Pathname pass1.1
Presentation Format kdil
Dataset Creation Mon May 21 06:16:23 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

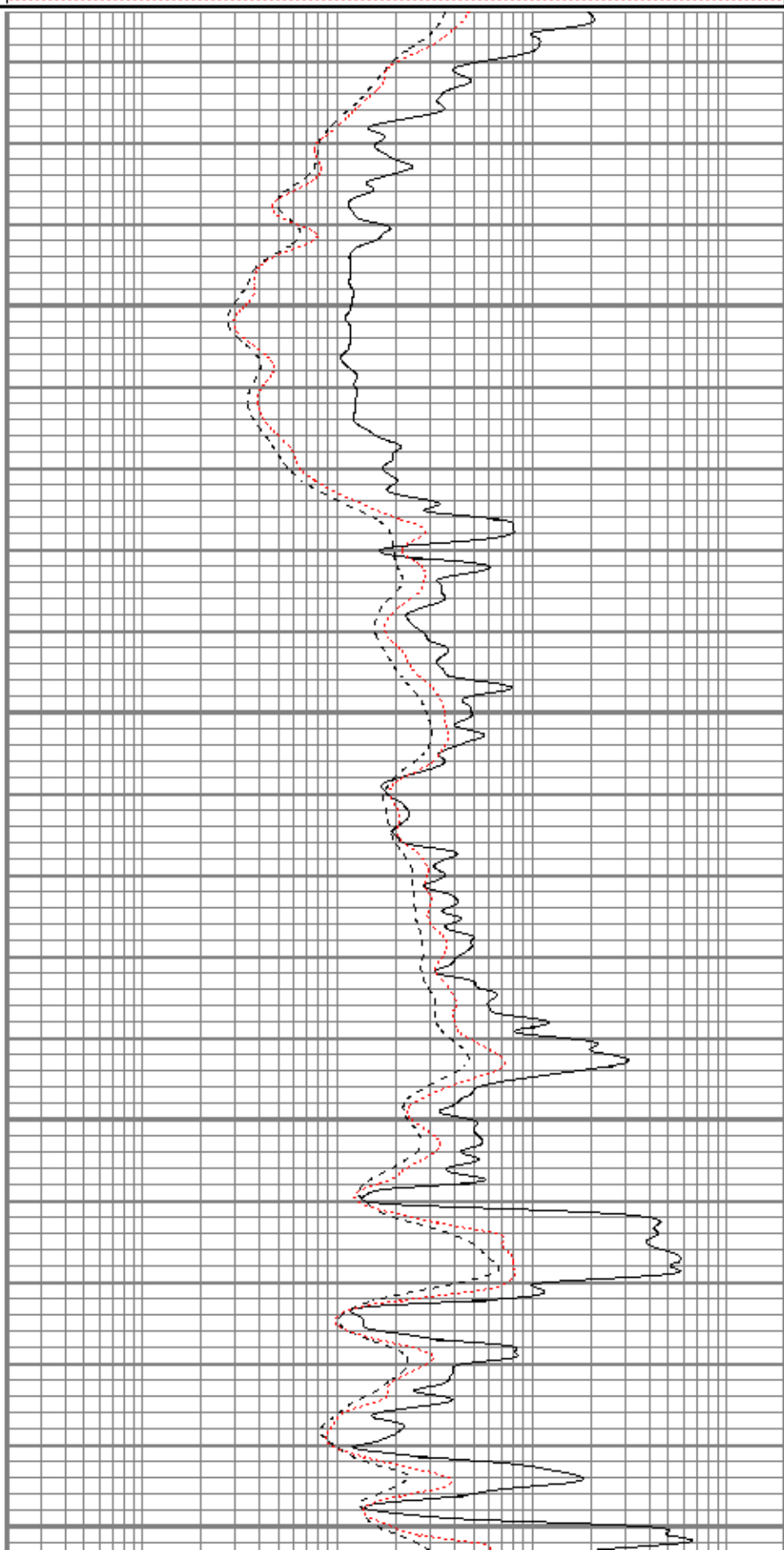


2950

3000

3050

3100



		Size		Reading
Small Ring		8.40	in	5982.32
Large Ring		16.00	in	10612.00
Before Survey Verification				
		Target		Measured
			g/cc	g/cc
			g/cc	g/cc
			g/cc	g/cc
After Survey Verification				
		Target		Measured
			g/cc	g/cc
			g/cc	g/cc
			g/cc	g/cc
Gamma Ray Calibration Report				
Serial Number:		2001		
Tool Model:		OH		
Performed:		Sun Nov 12 16:26:41 2017		
Calibrator Value:		1.0	GAPI	
Background Reading:		0.0	cps	
Calibrator Reading:		1.0	cps	
Sensitivity:		0.7000	GAPI/cps	
Neutron Calibration Report				
Serial Number:		5109		
Tool Model:		P		
Performed:		Mon Feb 06 08:44:38 2012		
Calibrator Value:		1	NAPI	
Calibrator Reading:		1	cps	
Sensitivity:		1	NAPI/cps	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
NEU	36.92		CHD-None	0.75	1.50	5.00
			NEU-P (5109) Probe	4.92	3.63	85.00
GR	30.56		GR-OH (2001) 2001	3.56	3.25	40.00
			CDL-DHT (2388DHT) Digital High Temp CDL Tool	9.69	4.00	201.00
LSD	22.02					
DCAL	21.73					
SSD	21.48					
HEADVOLT	19.71					

SP	10.60		DIL-ADM (1989) Dual Induction	19.71	4.00	300.00
CILD	10.60					
CILM	6.89					
RLL3	1.70					
Dataset:		jofprellwitz1oh.db: field/well/run1/pass2.1				
Total length:		38.63 ft				
Total weight:		631.00 lb				
O.D.:		4.00 in				