



DUAL INDUCTION LOG

Company Stewart Producers, Inc.

Well Sutton #3

Field Wildcat

County Ness

State Kansas

Location:

API #: 15 135 25957

780' FSL & 1745' FWL

CDNL
ML

SEC 8 TWP 18S RGE 24W

Elevation

Permanent Datum Ground Level Elevation 2311'
Log Measured From KB 5' AGL
Drilling Measured From KB

K.B. 2316'
D.F. 2314'
G.L. 2311'

Date

7-23-17

Run Number

One

Depth Driller

4400'

Depth Logger

4402'

Bottom Logged Interval

4400'

Top Log Interval

200'

Casing Driller

8 5/8" @ 218'

Casing Logger

218'

Bit Size

7 7/8"

Type Fluid in Hole

Chemical

Density / Viscosity

9.0/54

pH / Fluid Loss

10.5/8.8

Source of Sample

Pit

Rm @ Meas. Temp

.75@84degf

Rmf @ Meas. Temp

.60@84degf

Rmc @ Meas. Temp

0.96@84degf

Source of Rmf / Rmc

Calculated

Rm @ BHT

0.55@114degf

Time Circulation Stopped

3:30 a.m.

Time Logger on Bottom

6:35 a.m.

Maximum Recorded Temperature

114degf

Equipment Number

T127

Location

Hays, KS

Recorded By

C. Patterson

Witnessed By

Mr. Aaron Young

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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

West of Ness City To N Rd., North to 160 Rd., West 3/4 mi.
North Into By Tank Batteries

Thank You For Using Gemini Wireline LLC.
785-625-1182



MAIN PASS

Database File spsutton#3oh.db
Dataset Pathname pass3
Presentation Format kdi11inn
Dataset Creation Sun Jul 23 07:24:52 2017
Charted by Depth in Feet scaled 1:600

0 GR (GAPI) 150

1000 CILD (mmho/m) 0

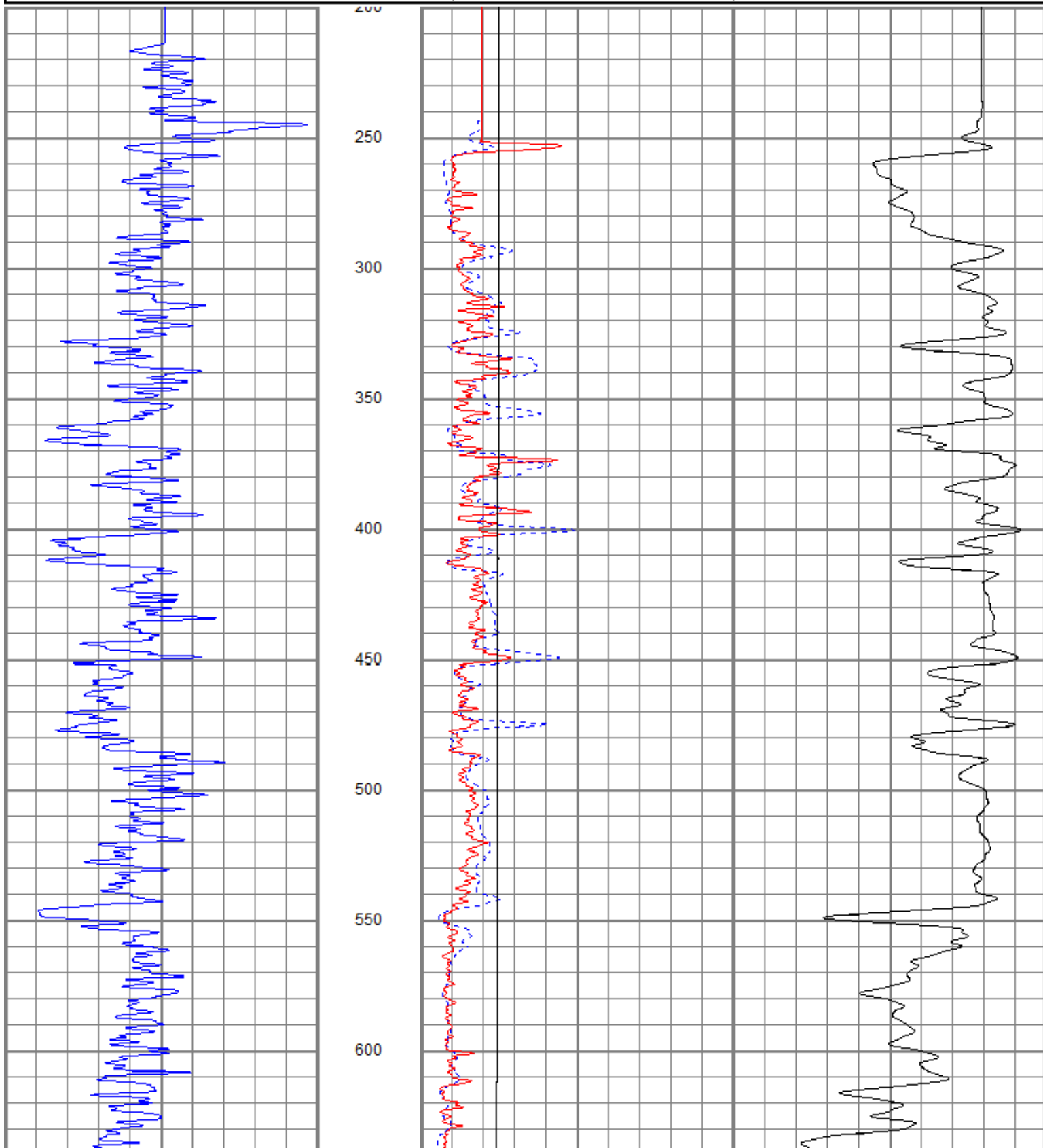
10000 LTEN (lb) 0

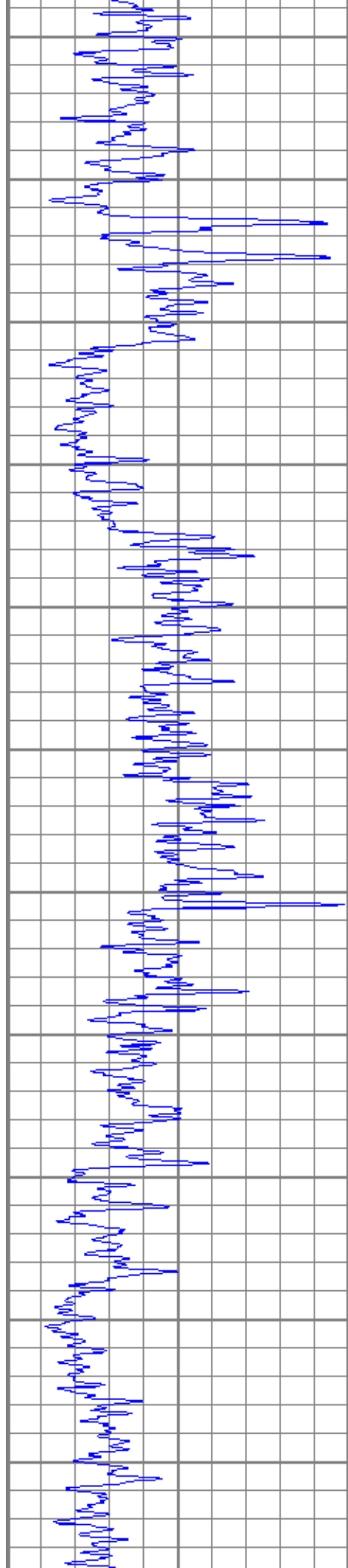
0 RILD (Ohm-m) 50

0 RLL3 (Ohm-m) 50

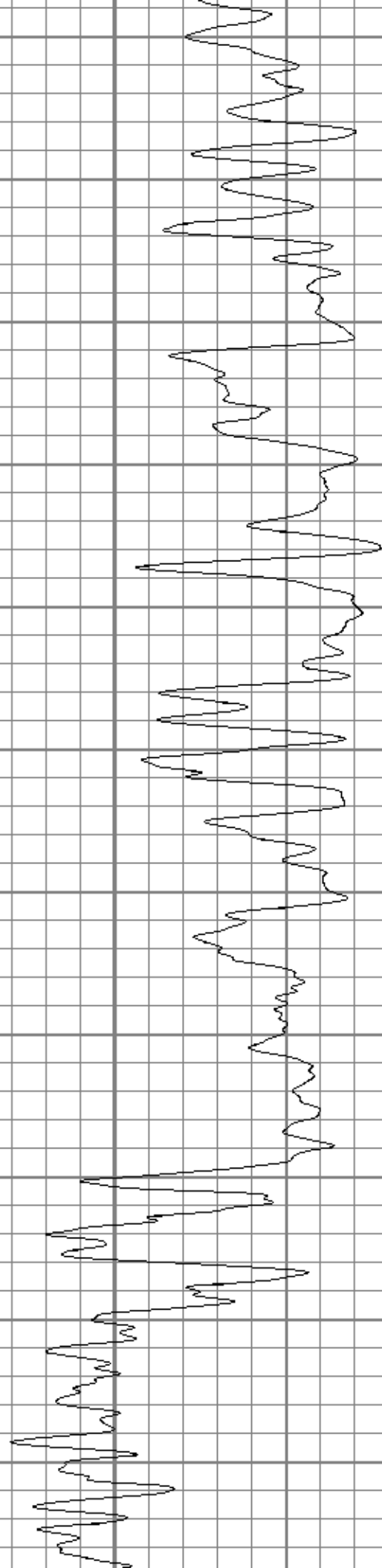
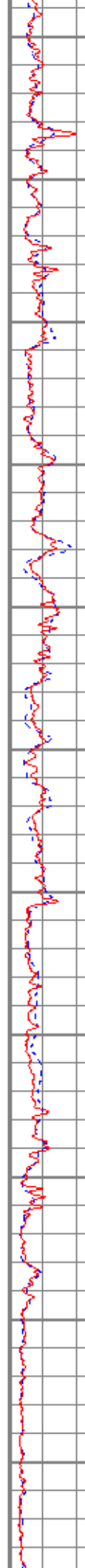
50 RILD x 10 (Ohm-m) 500

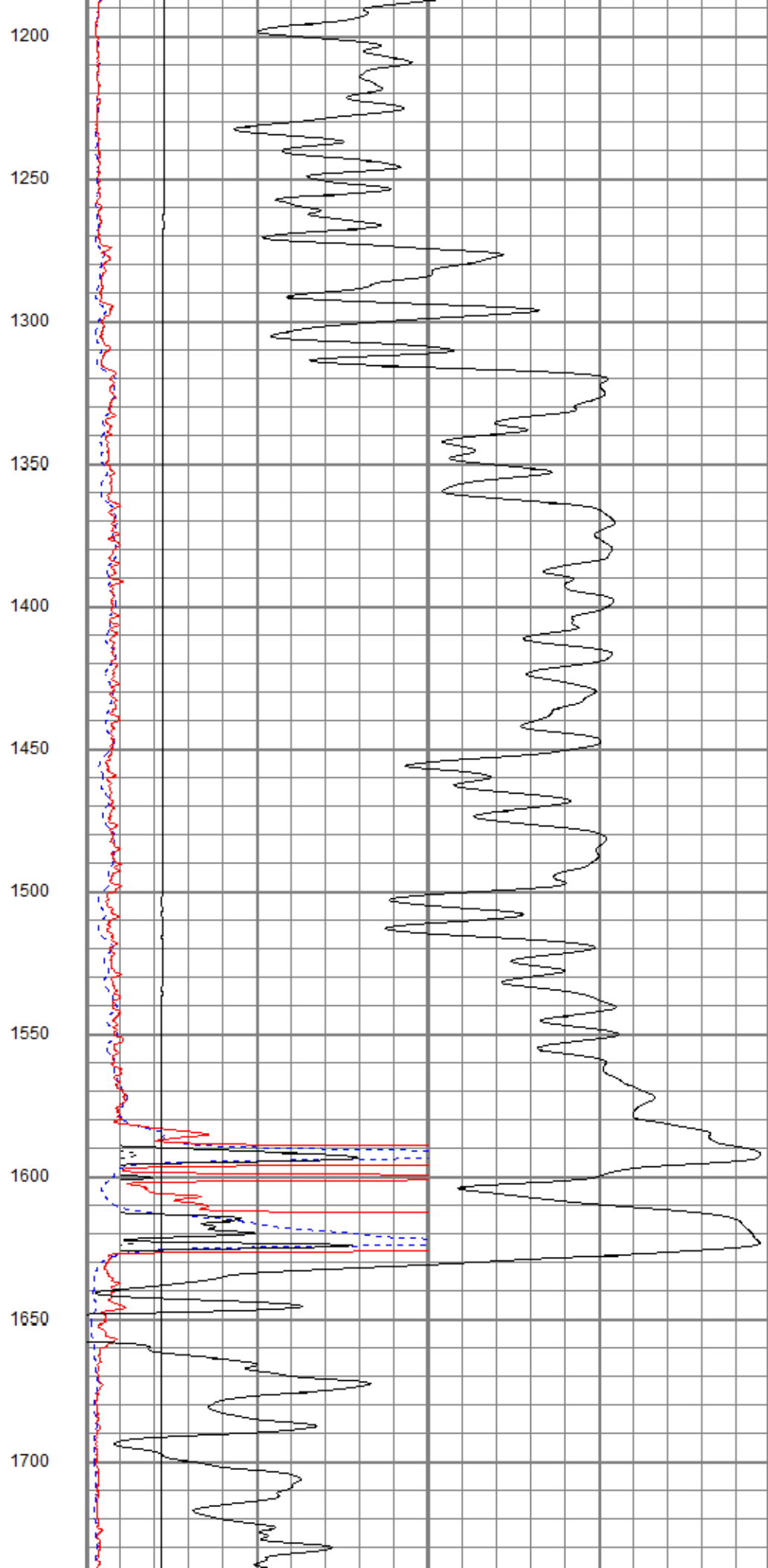
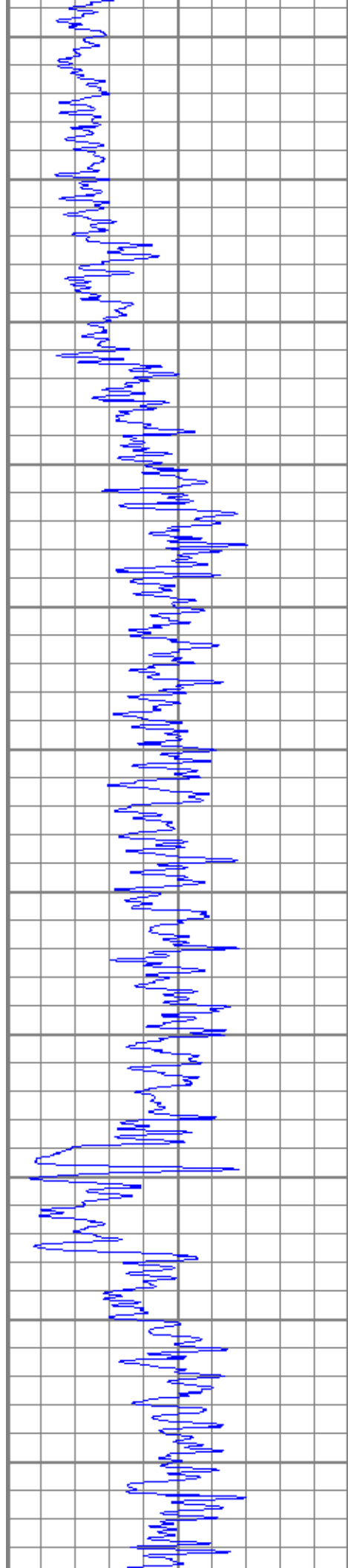
50 RLL3 x 10 (Ohm-m) 500

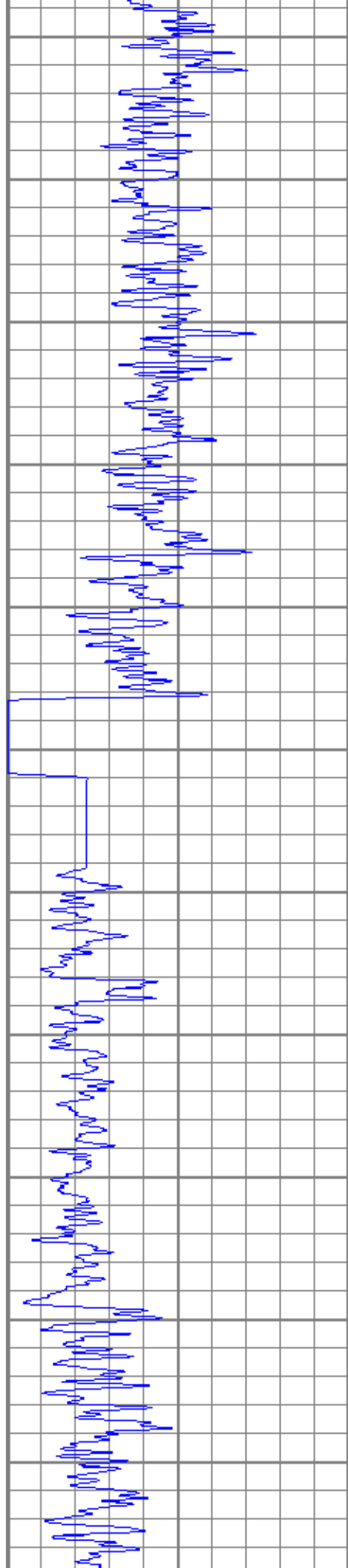




650
700
750
800
850
900
950
1000
1050
1100
1150







1750

1800

1850

1900

1950

2000

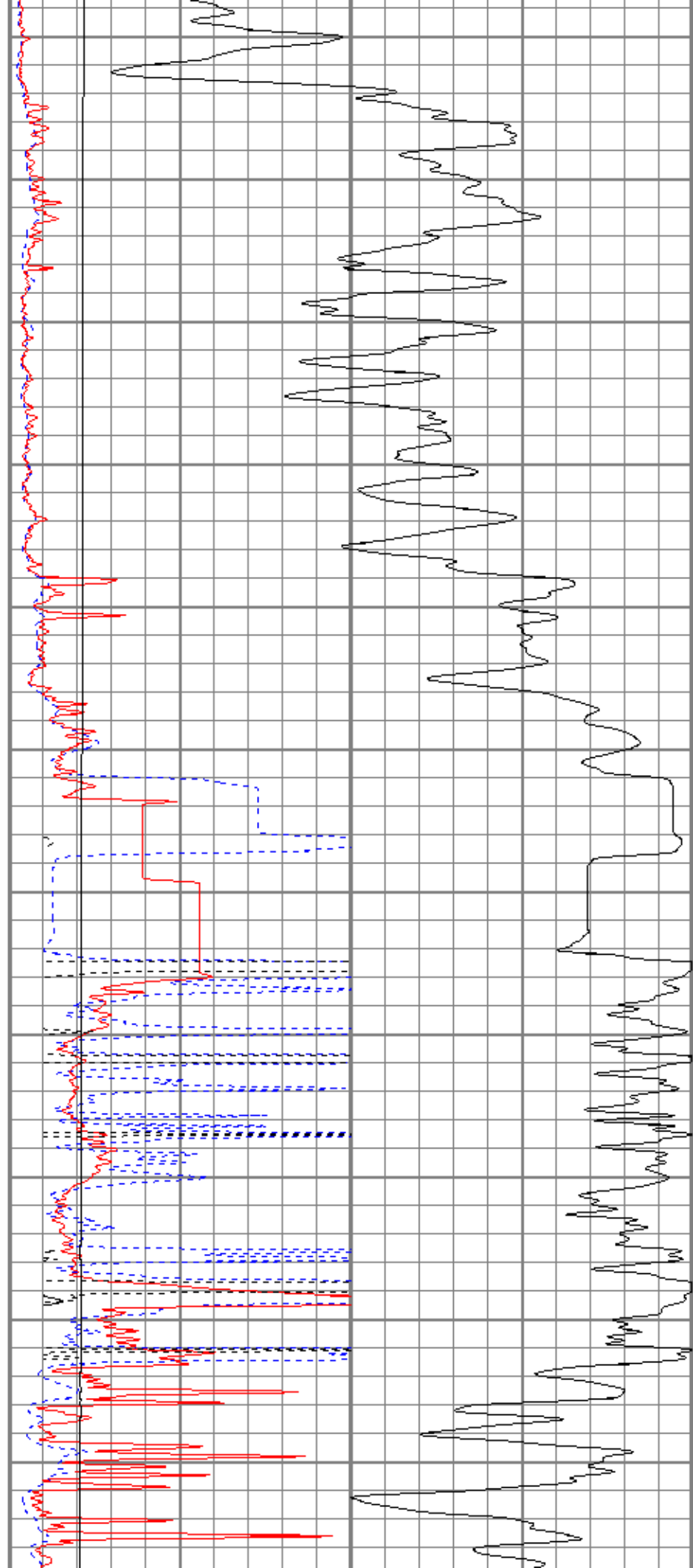
2050

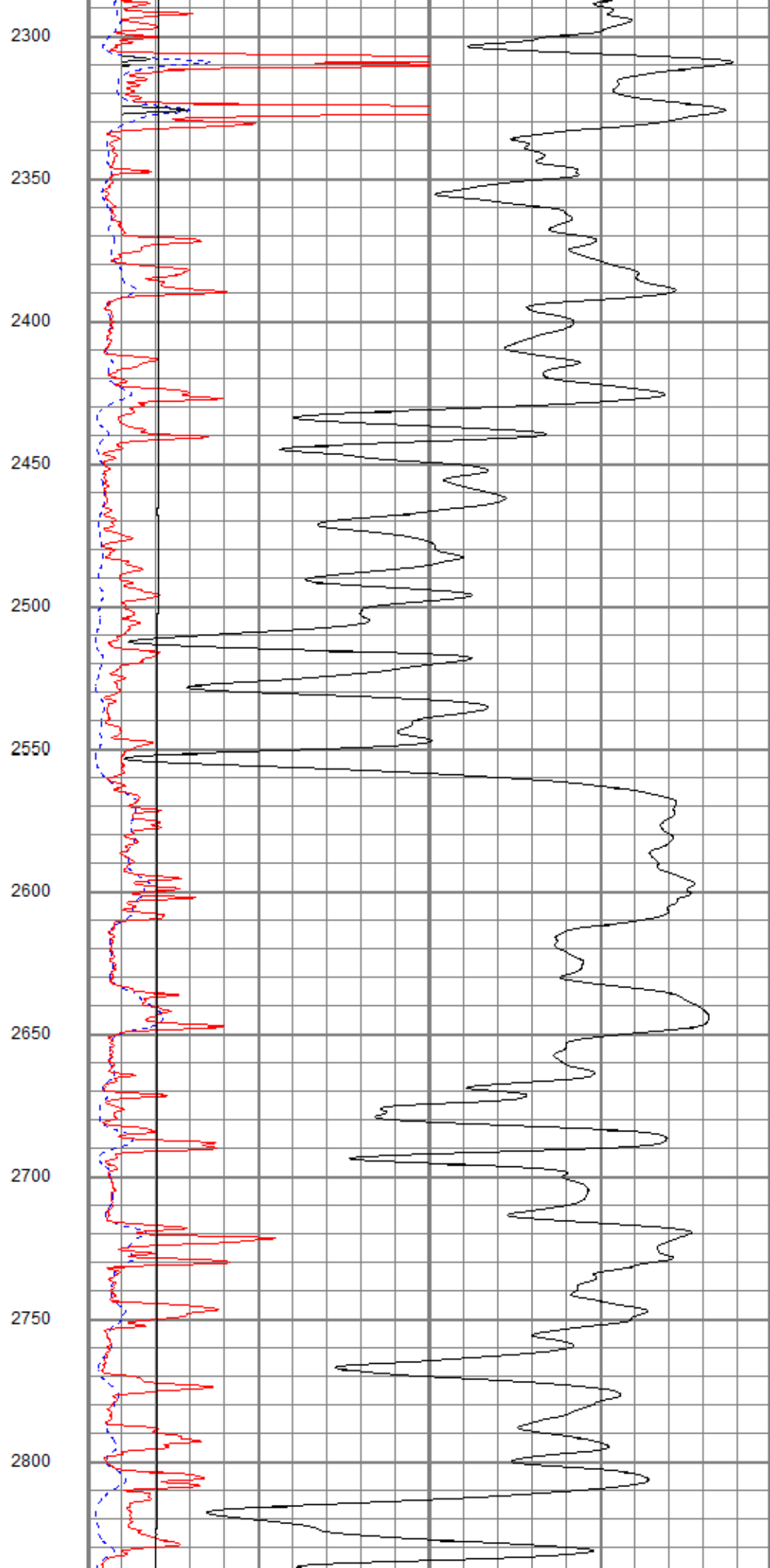
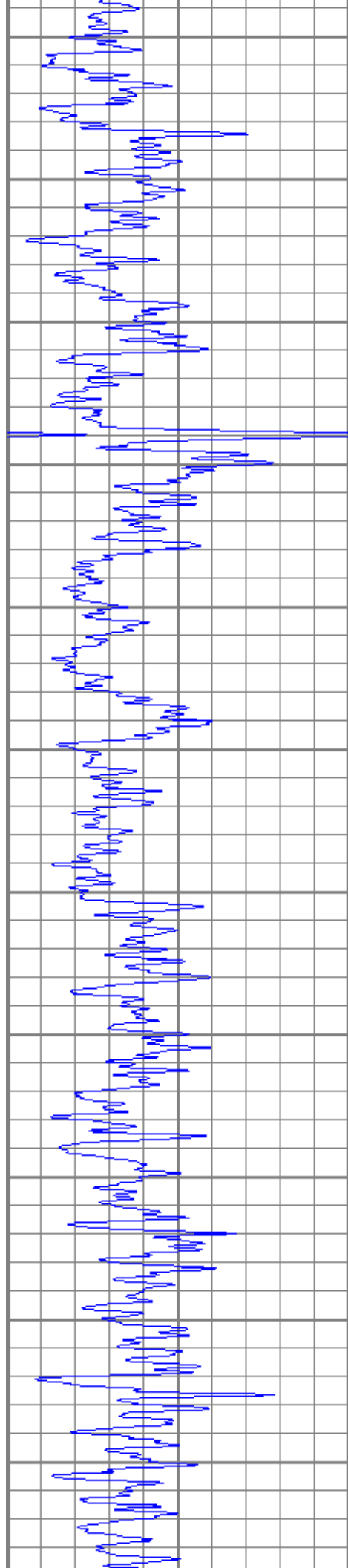
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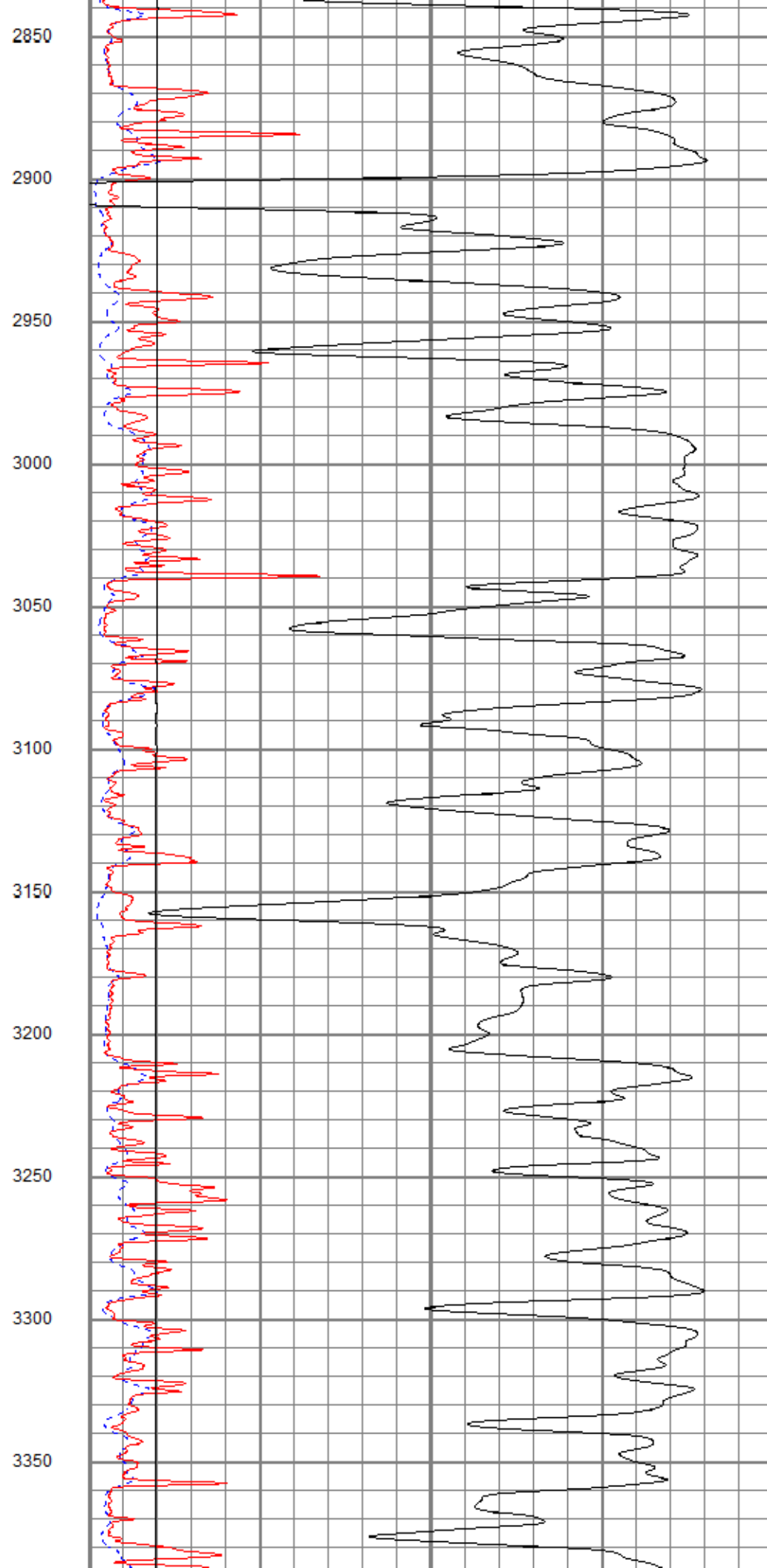
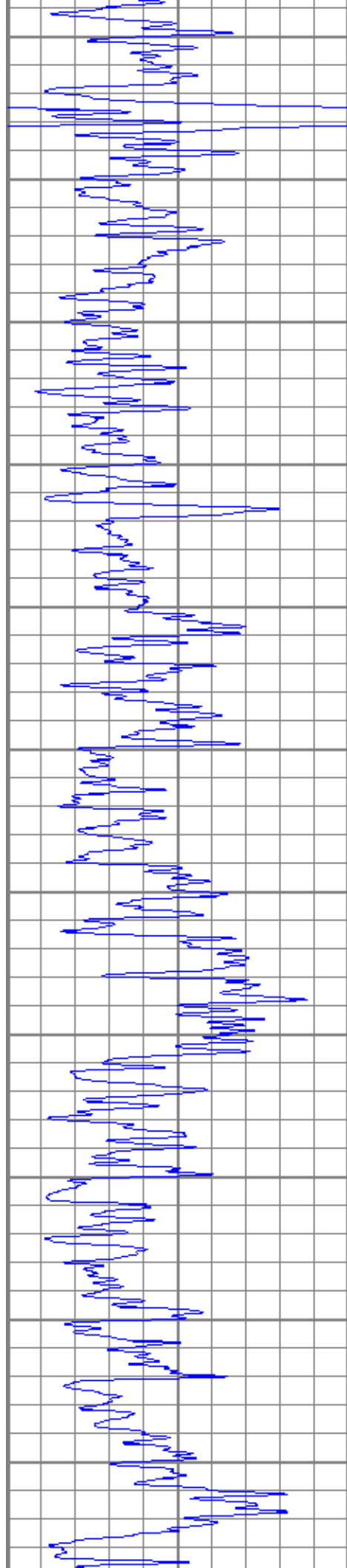
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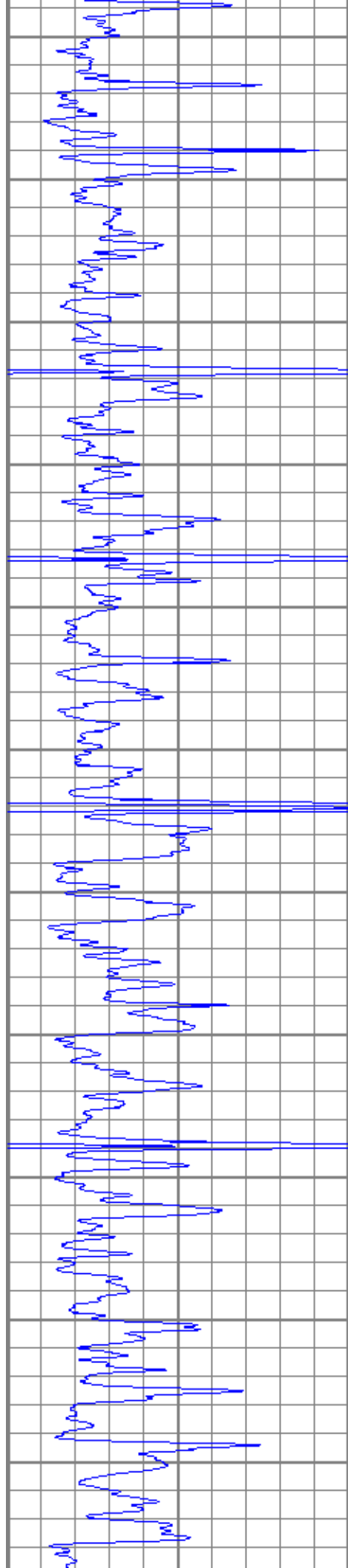
2200

2250









3400

3450

3500

3550

3600

3650

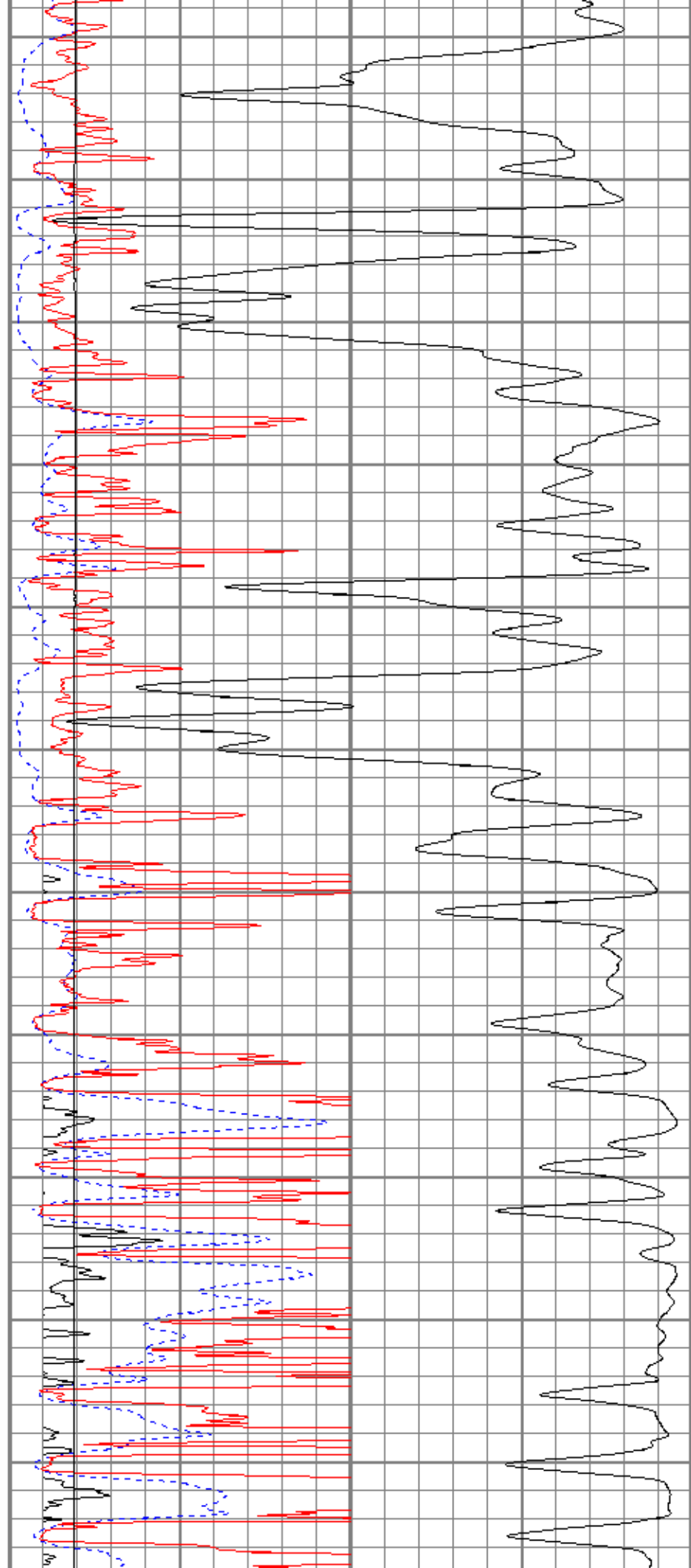
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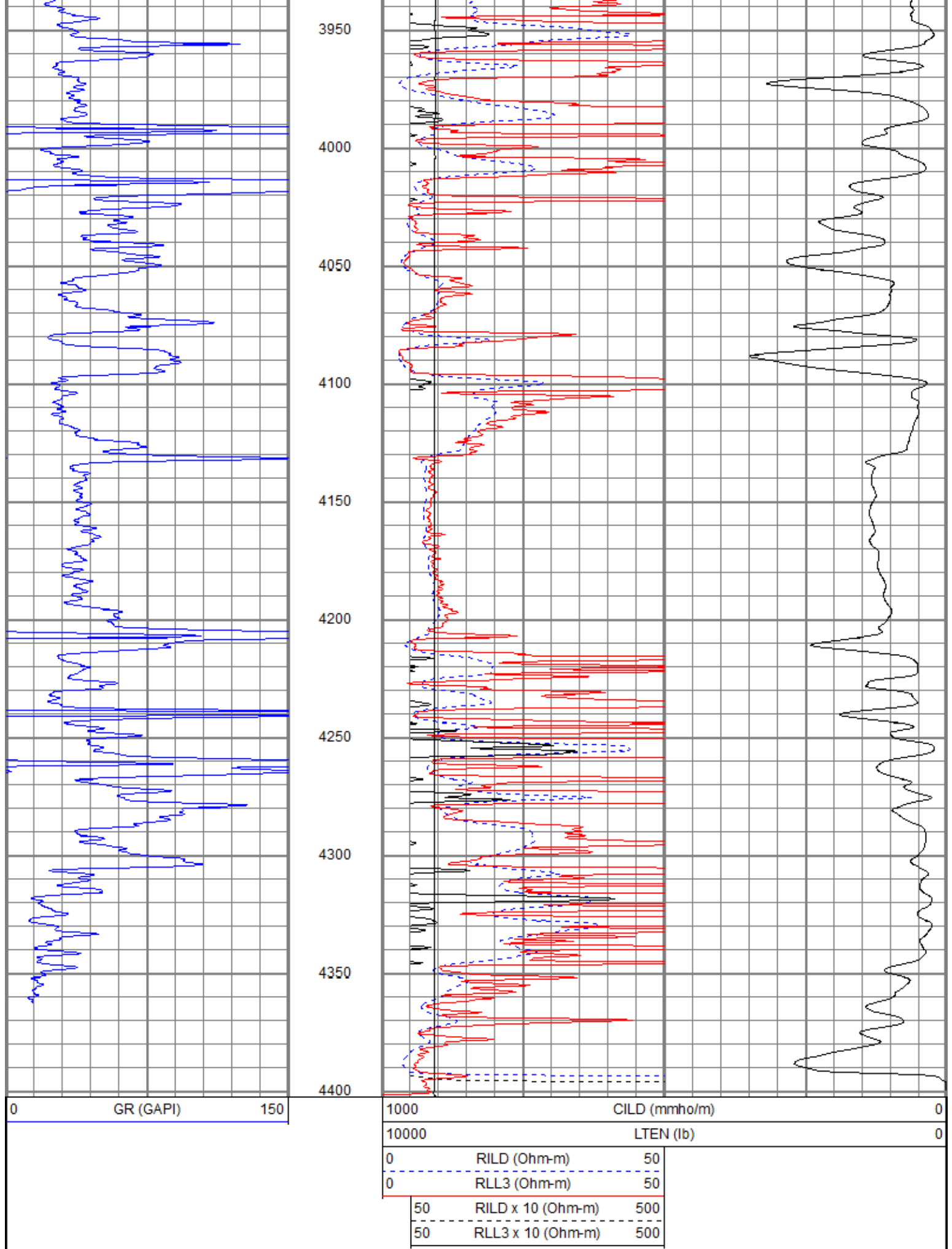
3750

3800

3850

3900



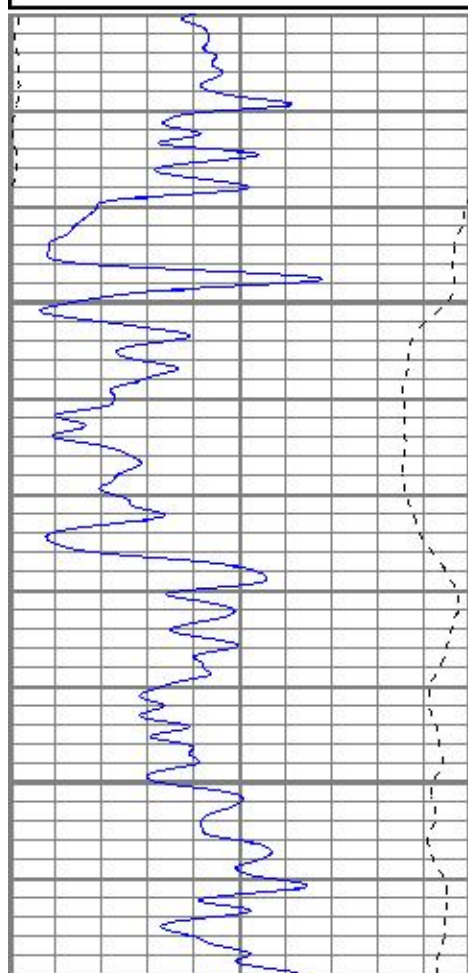




MAIN PASS

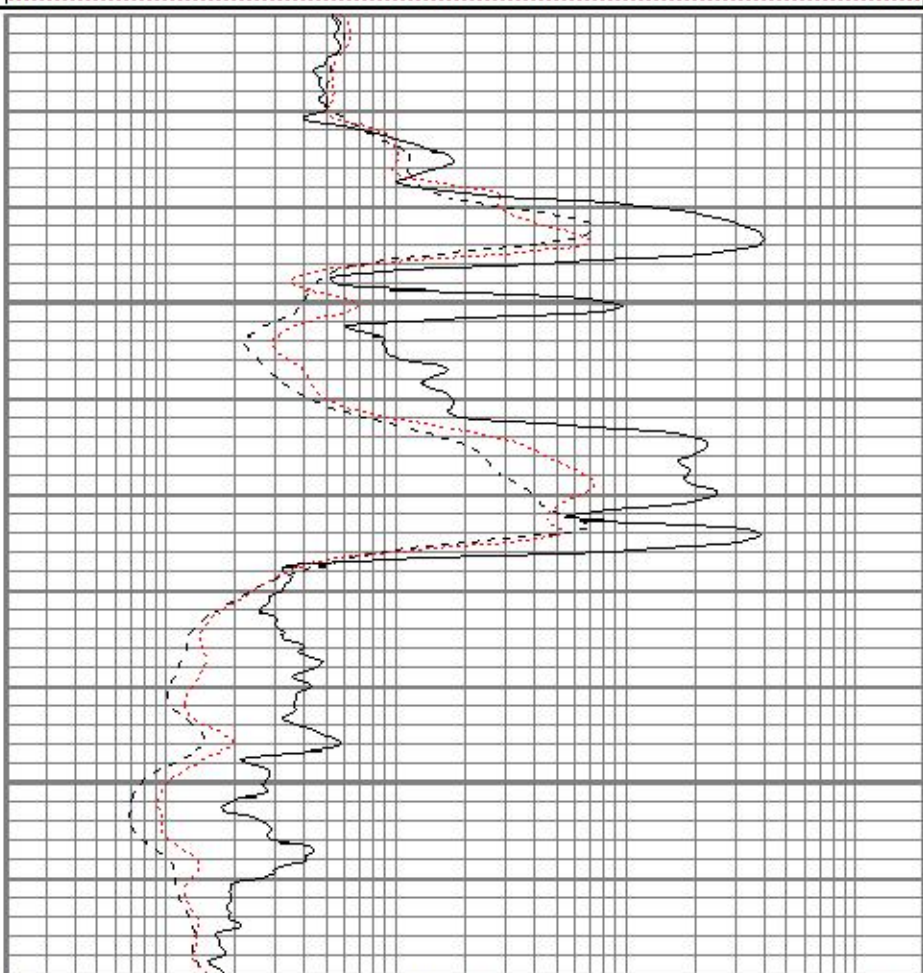
Database File spsutton#3oh.db
 Dataset Pathname pass3
 Presentation Format kdil
 Dataset Creation Sun Jul 23 07:24:52 2017
 Charted by Depth in Feet scaled 1:240

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



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



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

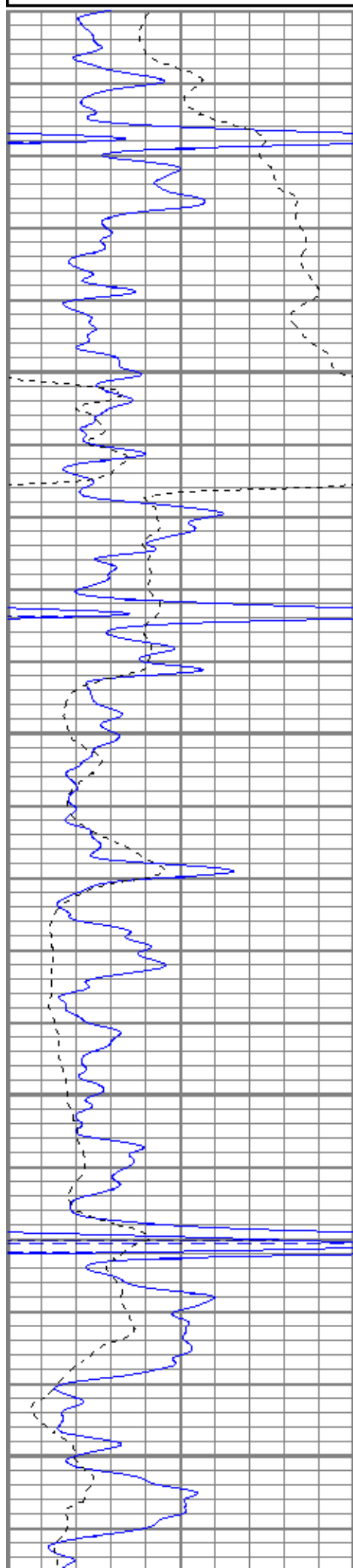


MAIN PASS

Database File spsutton#3oh.db
 Dataset Pathname pass3
 Presentation Format kdil
 Dataset Creation Sun Jul 23 07:24:52 2017
 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



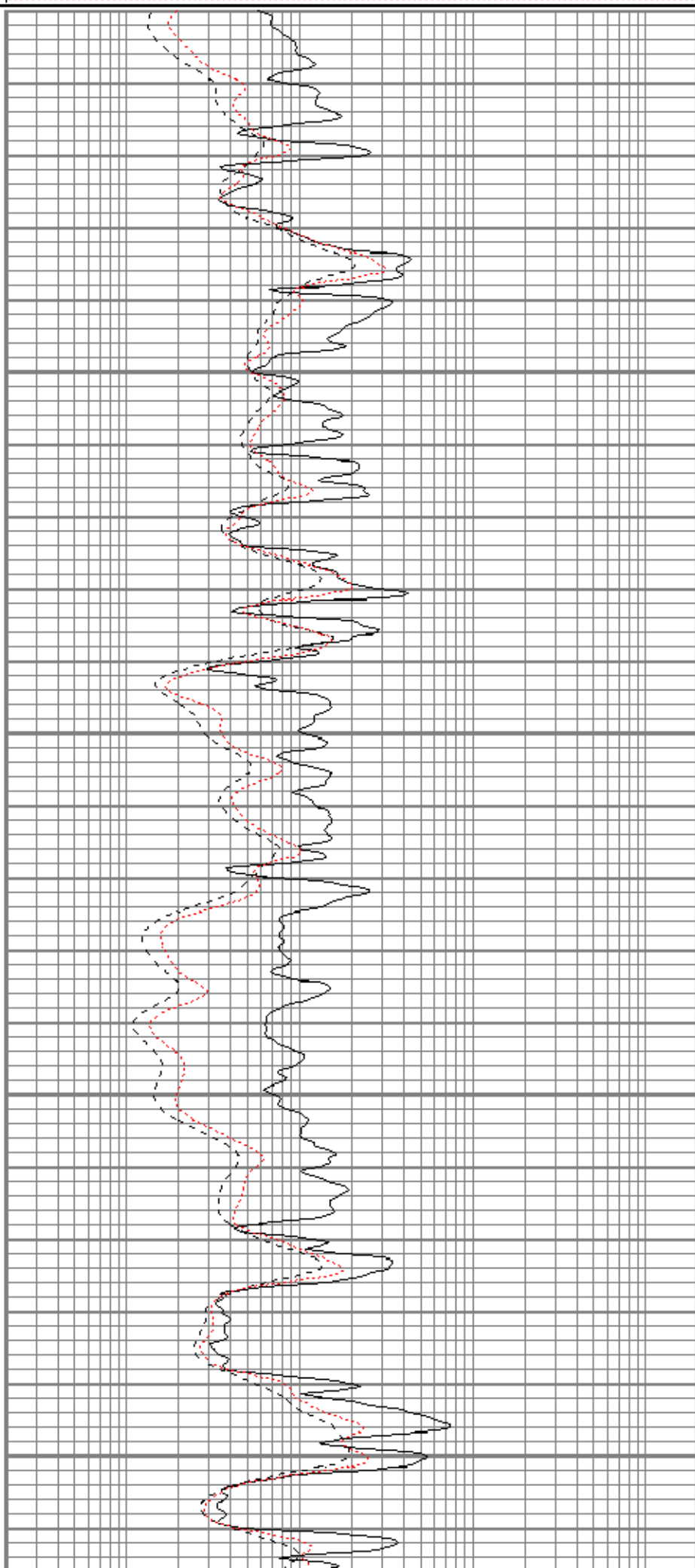
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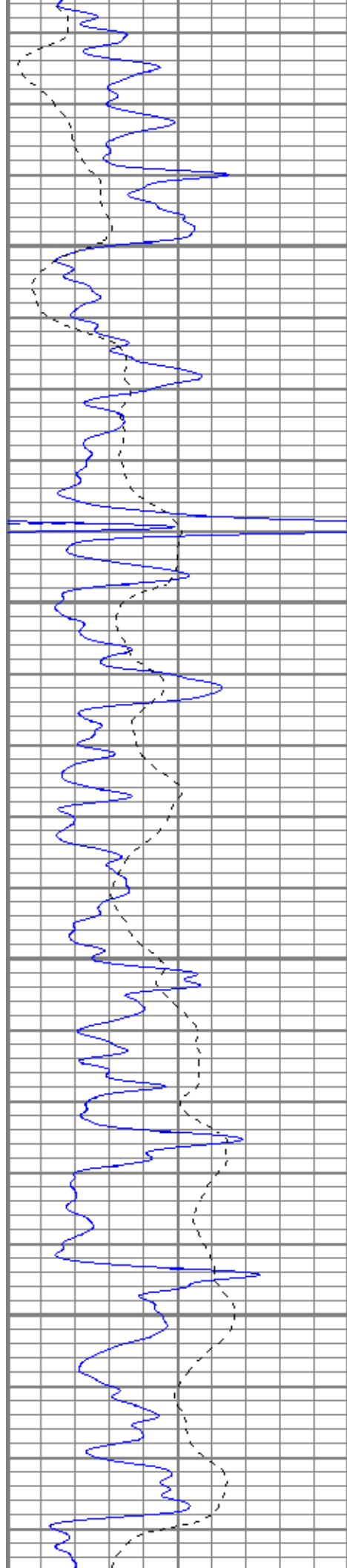
3550

3600

3650

3700



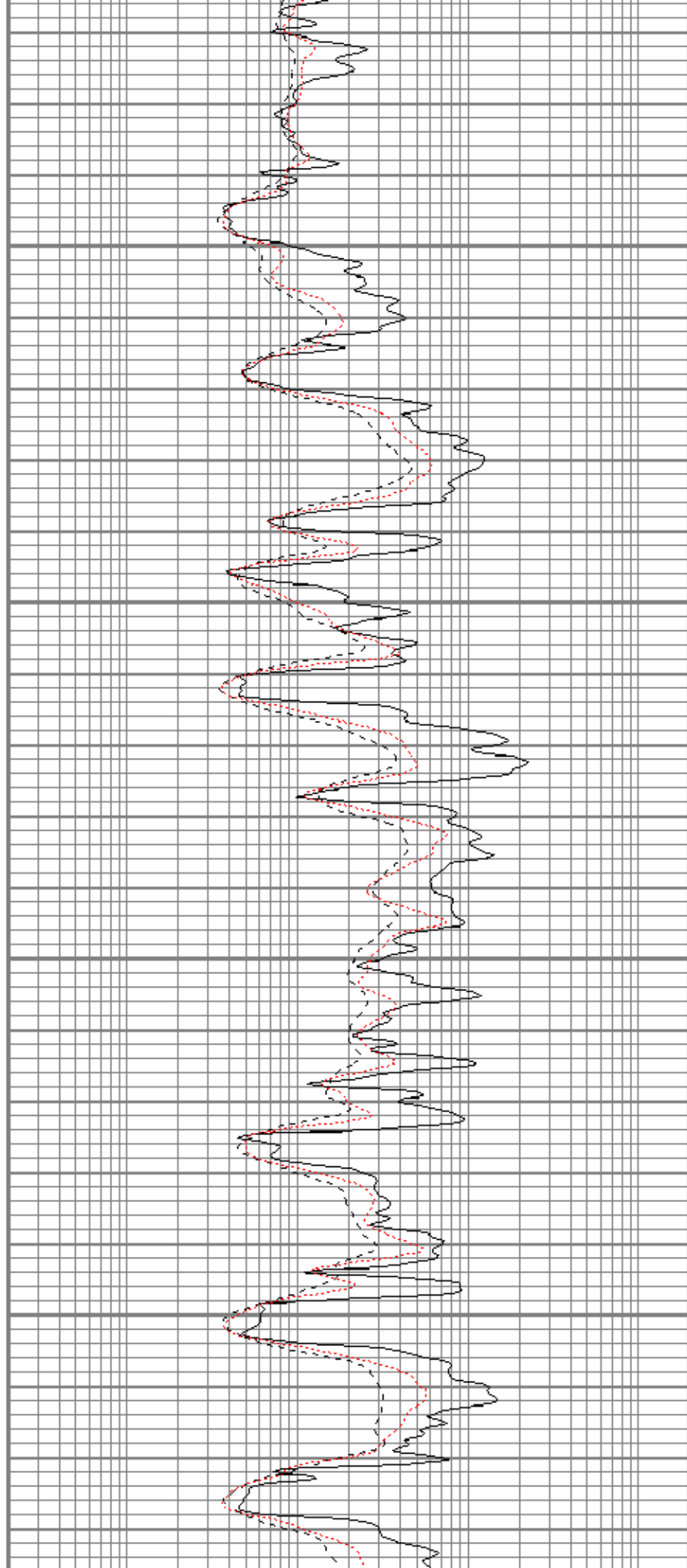


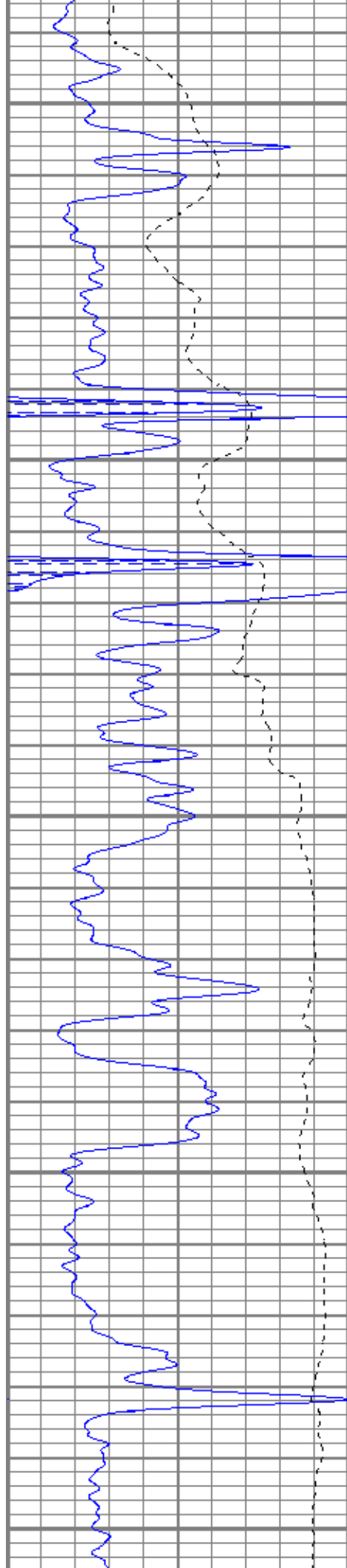
3750

3800

3850

3900





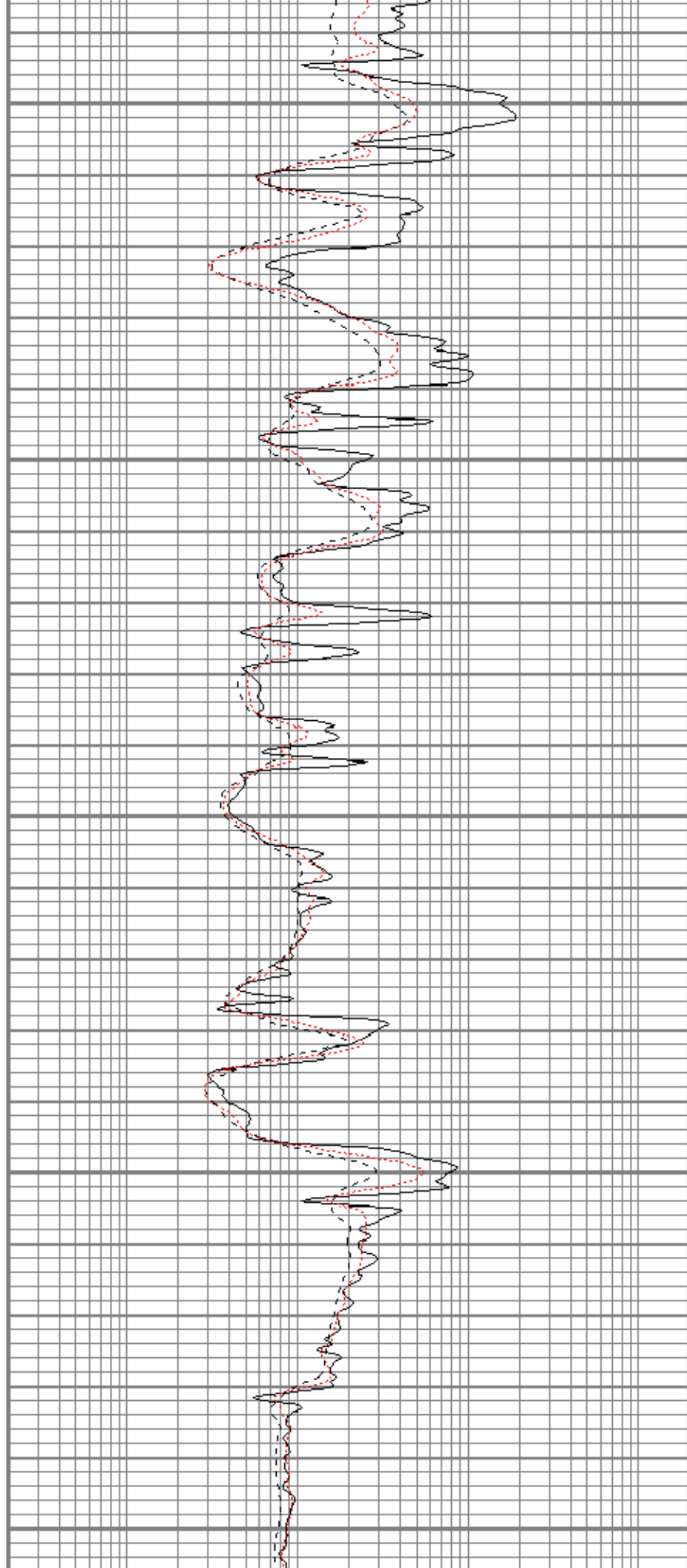
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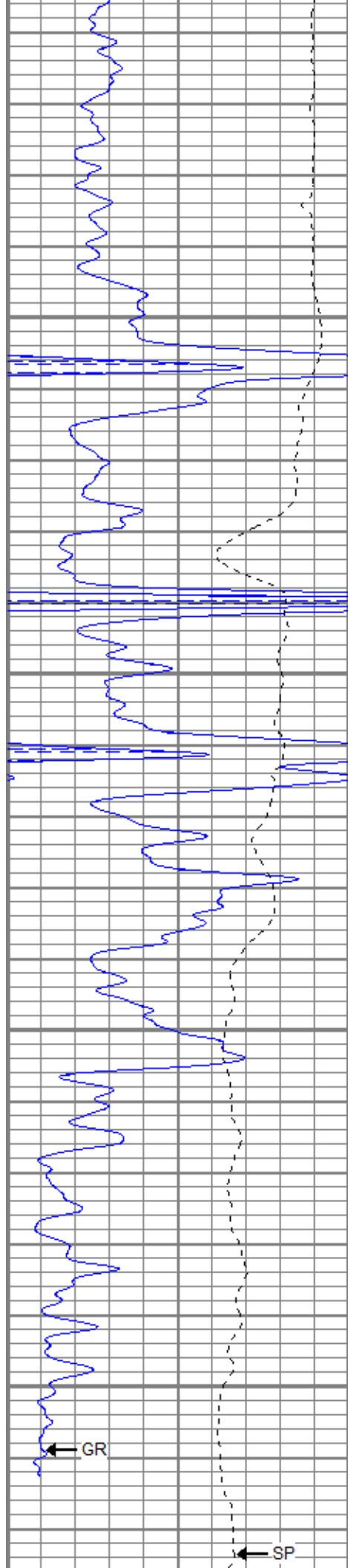
4000

4050

4100

4150





4200

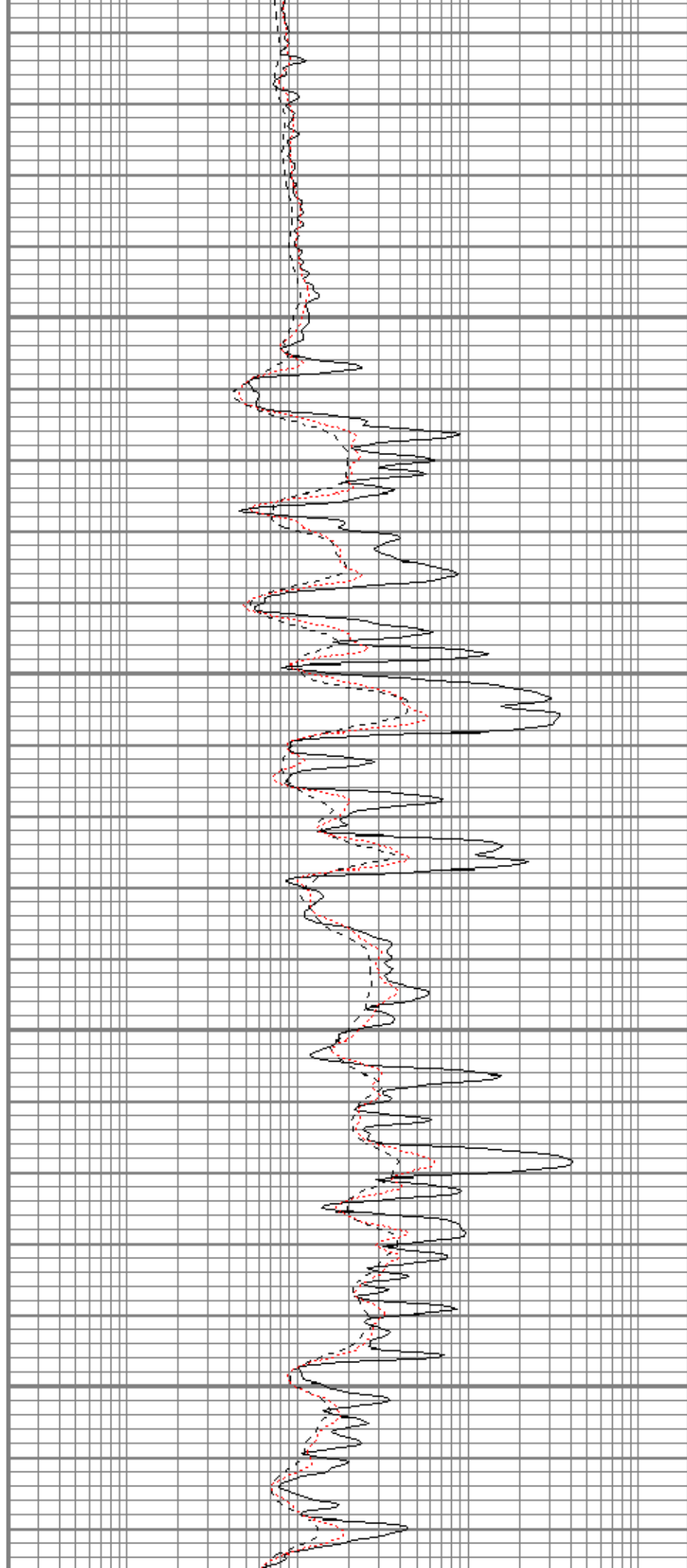
4250

4300

4350

← GR

← SP





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

4400



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

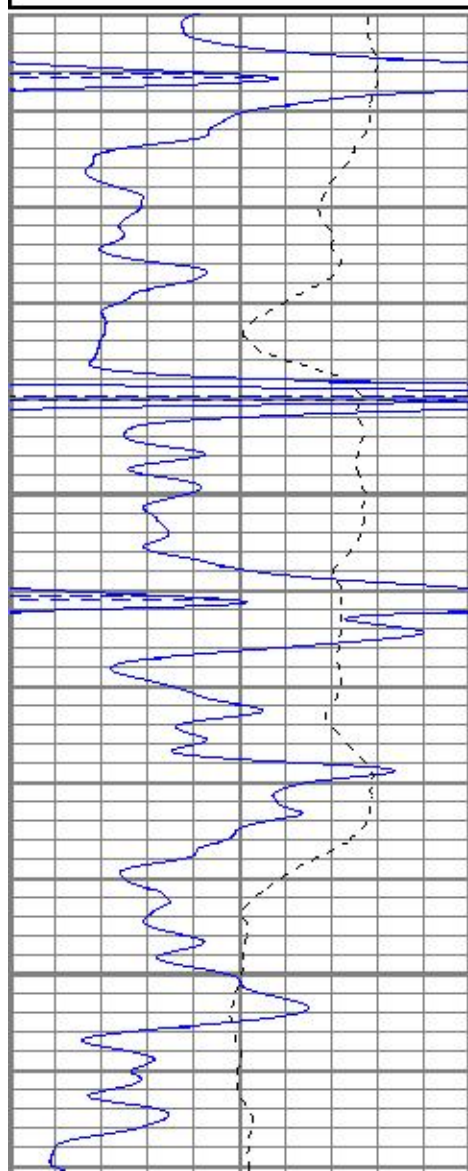


REPEAT SECTION

Database File spsutton#3oh.db
 Dataset Pathname pass2
 Presentation Format kdil
 Dataset Creation Sun Jul 23 06:46:39 2017
 Charted by Depth in Feet scaled 1:240

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

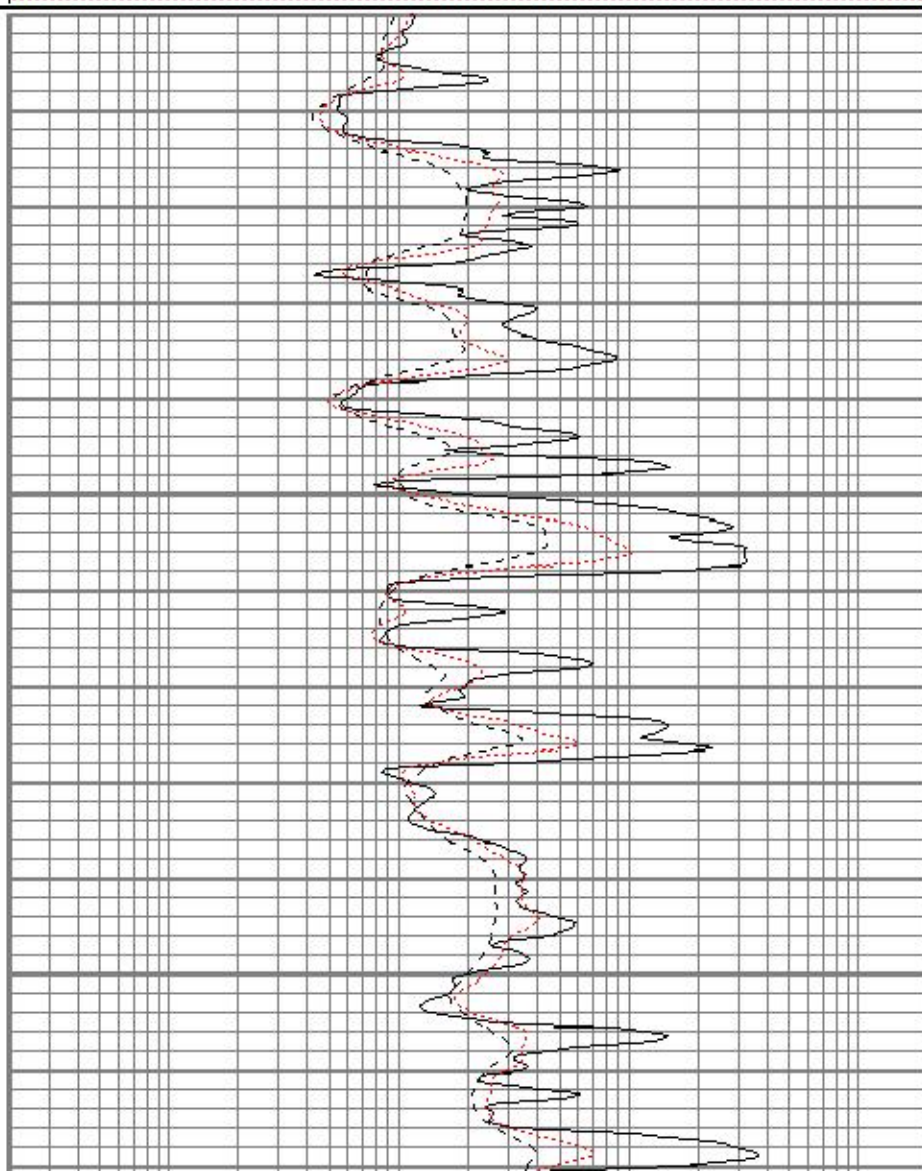
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000

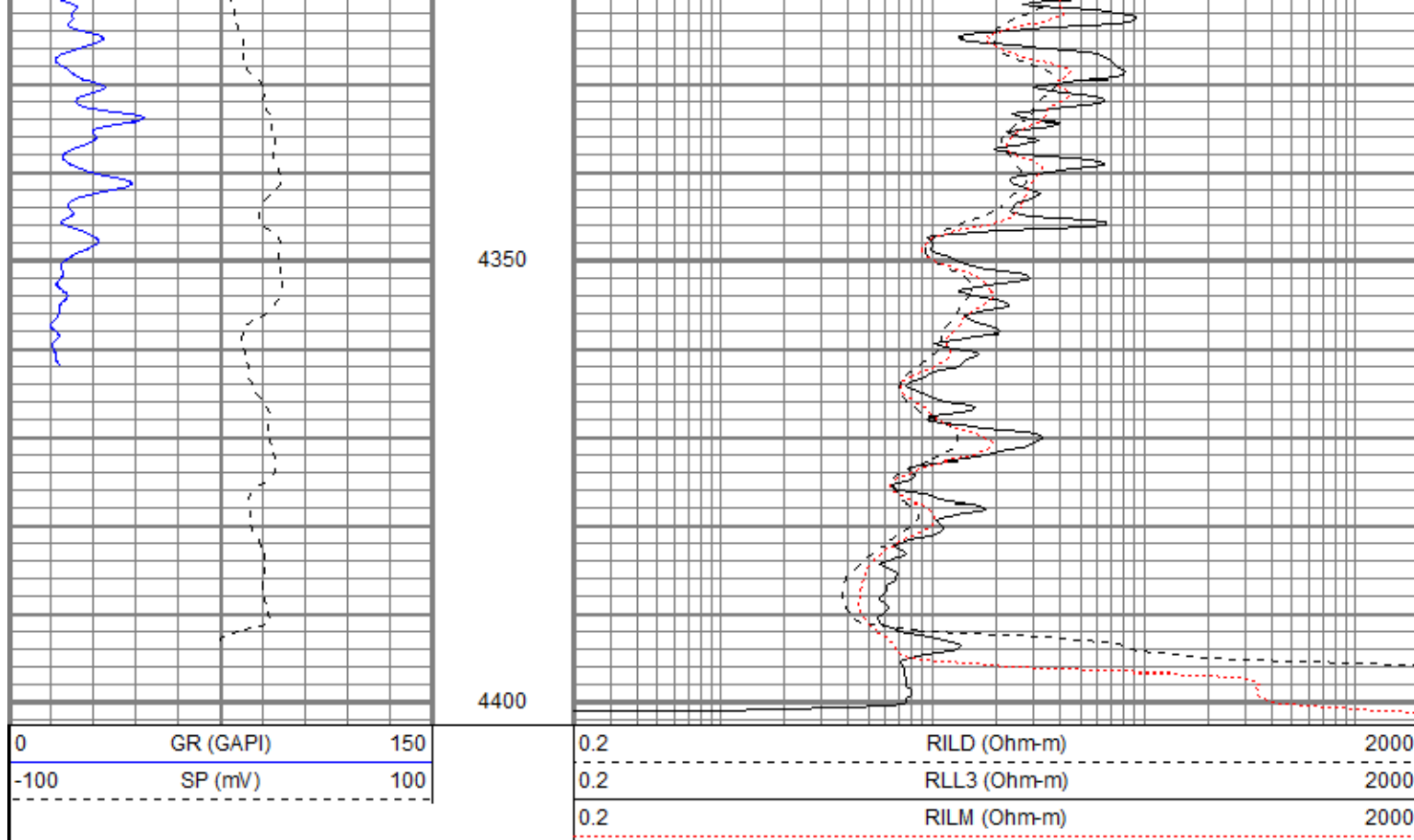


4200

4250

4300





Calibration Report								
Database File	spsutton#3oh.db							
Dataset Pathname	pass3							
Dataset Creation	Sun Jul 23 07:24:52 2017							
Dual Induction Calibration Report								
Serial-Model:			1842-ADM					
Surface Cal Performed:			Fri Mar 24 11:14:24 2017					
Downhole Cal Performed:			Fri Mar 24 11:15:12 2017					
After Survey Verification Performed:			Fri Mar 24 11:15:12 2017					
Surface Calibration								
		Readings		References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.019	0.670	V	0.000	350.000	mmho/m	537.457	-9.953
Medium	0.004	0.766	V	0.000	400.000	mmho/m	525.444	-2.348
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.019	0.669	V	0.000	350.000	mmho/m	538.189	-10.193
Medium	0.004	0.766	V	0.000	550.000	mmho/m	721.803	-3.181
Downhole Calibration								
		Readings		References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.007	350.102	mmho/m	0.226	349.751	mmho/m	0.998	0.233
Medium	-0.083	400.257	mmho/m	-0.032	400.346	mmho/m	1.000	0.051
Shallow	2.533	0.026	V	500.000	2.000	Ohm-m	198.594	-3.121
After Survey Verification								
		Readings		Targets			Results	

Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.007	350.102	mmho/m	0.998	0.233
Medium	0.000	0.000	mmho/m	-0.083	400.257	mmho/m	1.000	0.051
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

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Neutron Calibration Report

Serial Number:	Admyr	
Tool Model:	G	
Performed:	Thu Mar 09 09:56:12 2017	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Gamma Ray Calibration Report

Serial Number:	1	
Tool Model:	A	
Performed:	Thu Jun 08 07:52:01 2017	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.7000	GAPI/cps

Temperature Calibration Report

Serial Number:	1			
Tool Model:	A			
Performed:	Thu Jun 08 07:52:12 2017			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	degF
High Reference:	32.00	degF	32.00	degF
Gain:	1.00			
Offset:	0.00			
Delta Spacing	1			

Inclinometer Calibration Report

Performed:	Thu Jun 08 07:52:17 2017				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	205.00	1843.00	-1.00	1.00	gee
Y Accelerometer	205.00	1843.00	-1.00	1.00	gee
Z Accelerometer					gee

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	38.32		CHD-STD	0.50	1.69	1.00
			ADT1PULSE-A (1) Pulsed Interface Tool #1	0.83	3.50	10.00
TEMP	25.25		ADT1ADC-A (1) Analog Interface #1	0.83	3.50	10.00

