



DUAL INDUCTION LOG

Company John O. Farmer, Inc.

Well McAllister #4

Field Waldo Northwest

County Russell State KS

Location: API #: 15 167 24081

SEC 17 TWP 12S RGE 13W

Permanent Datum Ground Level Elevation 1724'

Log Measured From KB 8' AGL

Drilling Measured From KB

Other Services
ML
CDNL

Elevation
K.B. 1732'
D.F. 1731'
G.L. 1724'

Date 10-27-18

Run Number One

Depth Driller 3115'

Depth Logger 3116'

Bottom Logged Interval 3114'

Top Log Interval 2500'

Casing Driller 8 5/8" @ 221'

Casing Logger 221'

Bit Size 7 7/8"

Type Fluid in Hole Chemical Mud

Density / Viscosity 8.7/50

pH / Fluid Loss 10.5/8.0

Source of Sample Pit

Rm @ Meas. Temp 0.8@75degf

Rmf @ Meas. Temp 0.6@75degf

Rmc @ Meas. Temp 0.96@75degf

Source of Rmf / Rmc Calculated

Rm @ BHT 0.65@92degf

Time Circulation Stopped 1:00 p.m.

Time Logger on Bottom 2:30 p.m.

Maximum Recorded Temperature 103degf

Equipment Number T127

Location Hays, KS.

Recorded By C. Patterson

Witnessed By Mr. Jason T Alm

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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 of Russell,KS on Hwy 281 for 8.5mi to Beatty Rd.,
Then East on Beatty Rd. 3 mi (stay Right at Y) as road Curves South turns into County 671 Ave,
Then Turn East on Beatty Rd Again and go 1 mi. to tank Batteries on South side,
South into Location

Thank you for using Gemini Wireline
785-625-1182



MAIN PASS

Database File jofmcallister#4oh.db
Dataset Pathname pass2.1
Presentation Format kdi11inn
Dataset Creation Sat Oct 27 15:55:17 2018
Charted by Depth in Feet scaled 1:600

0 GR (GAPI) 150

1000 CILD (mmho/m) 0

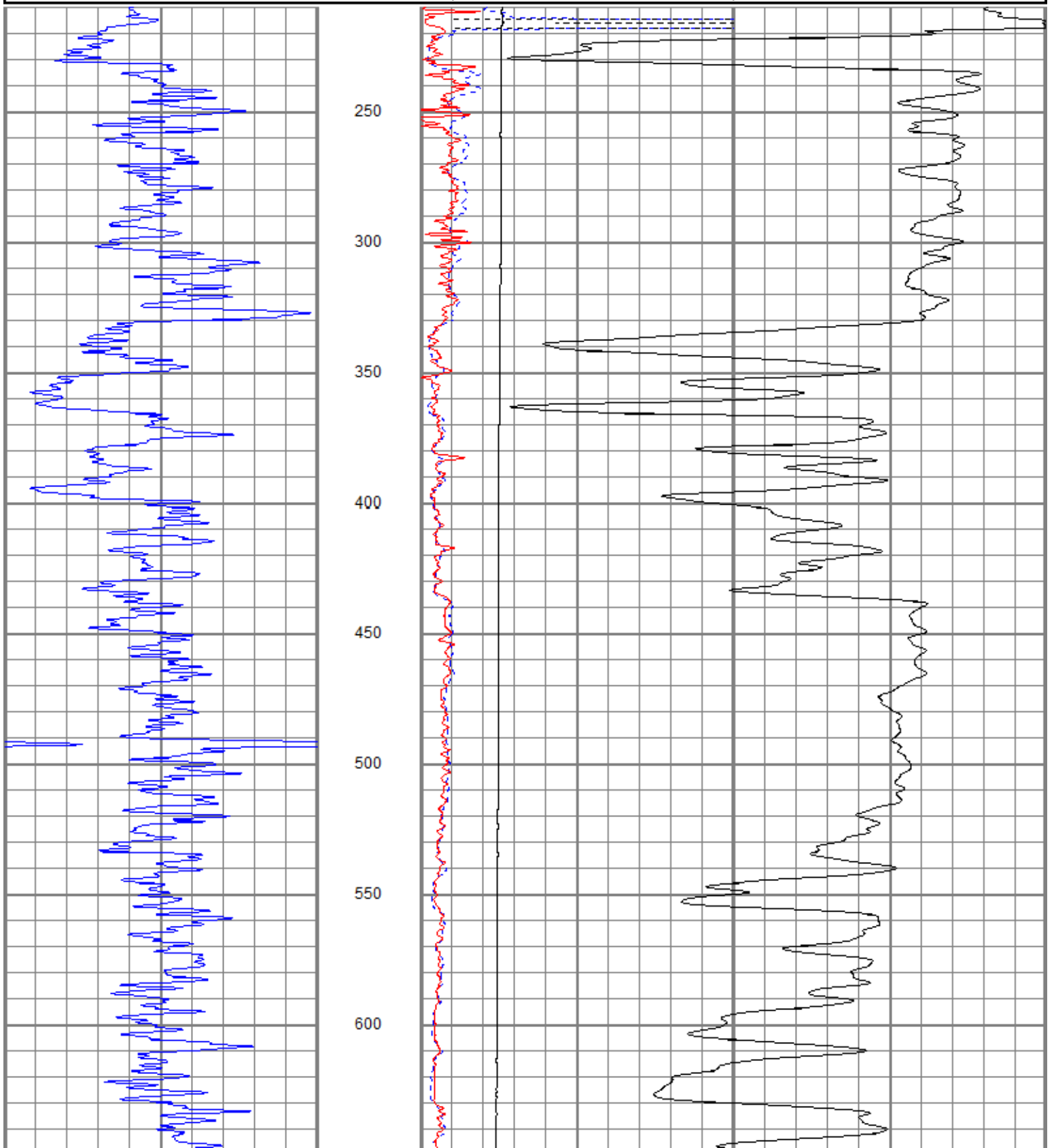
10000 LTEN (lb) 0

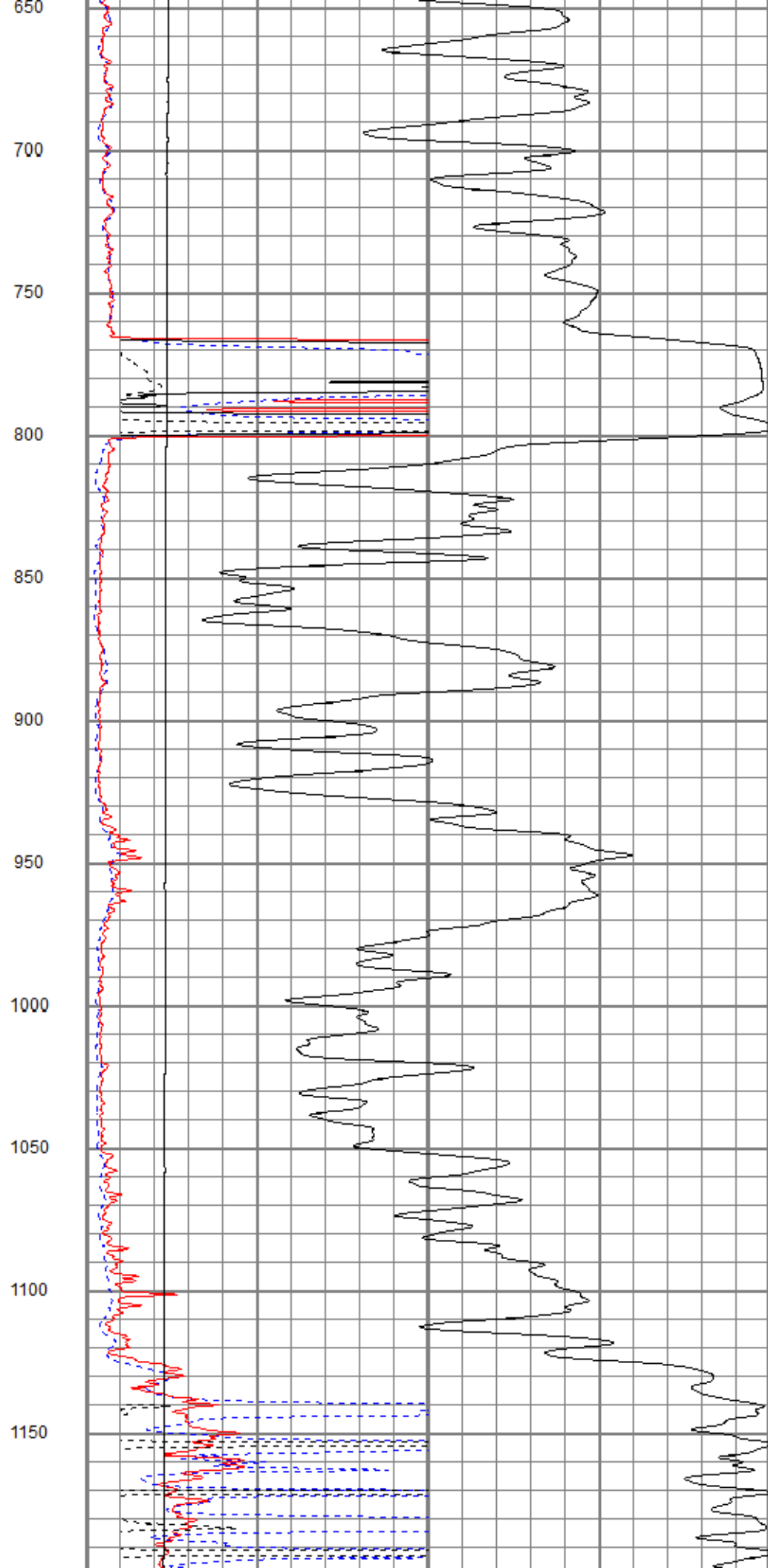
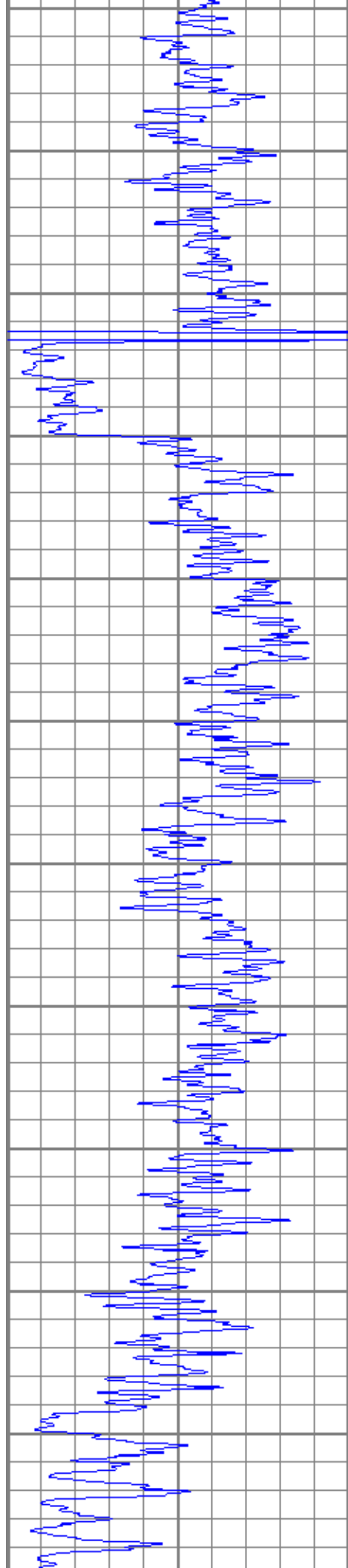
0 RILD (Ohm-m) 50

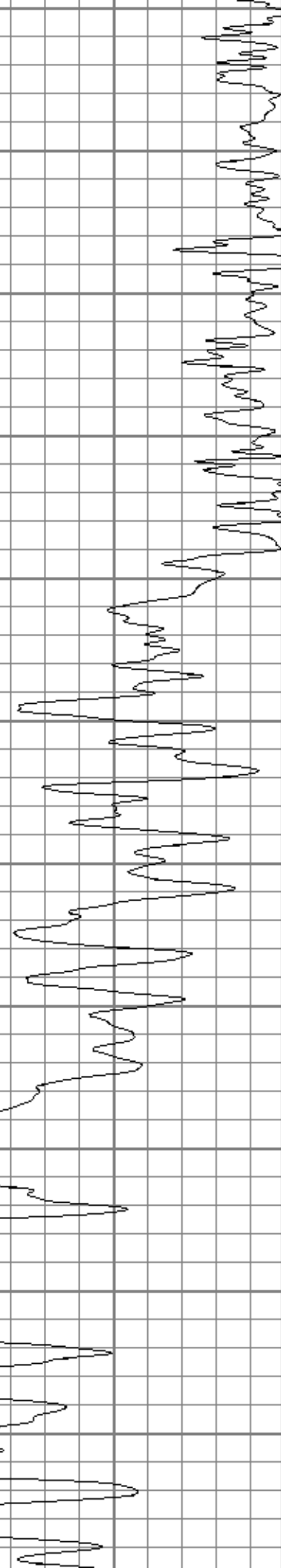
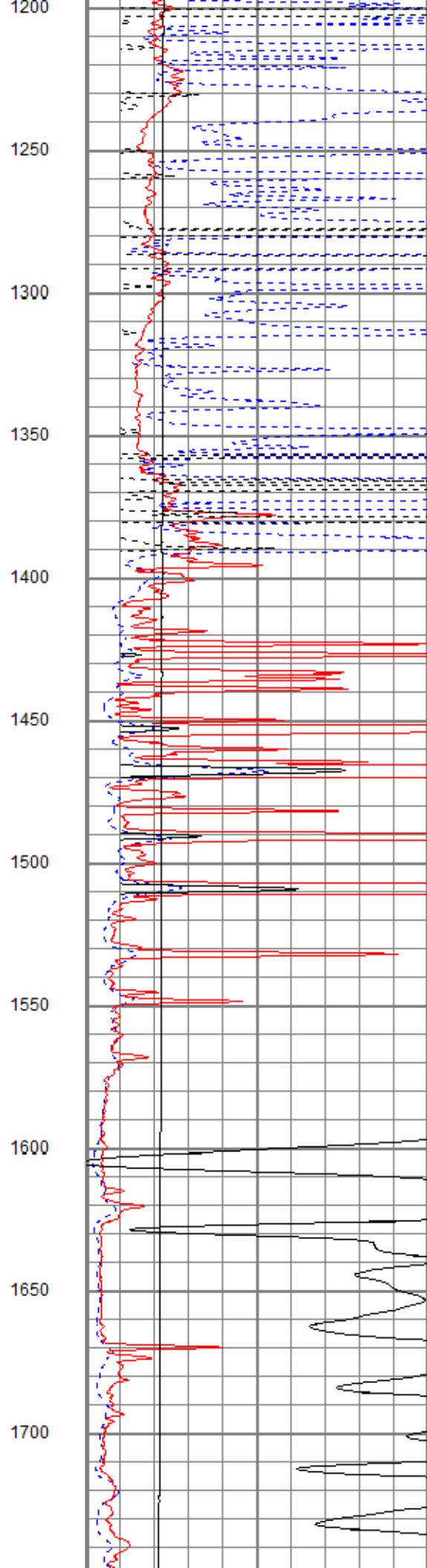
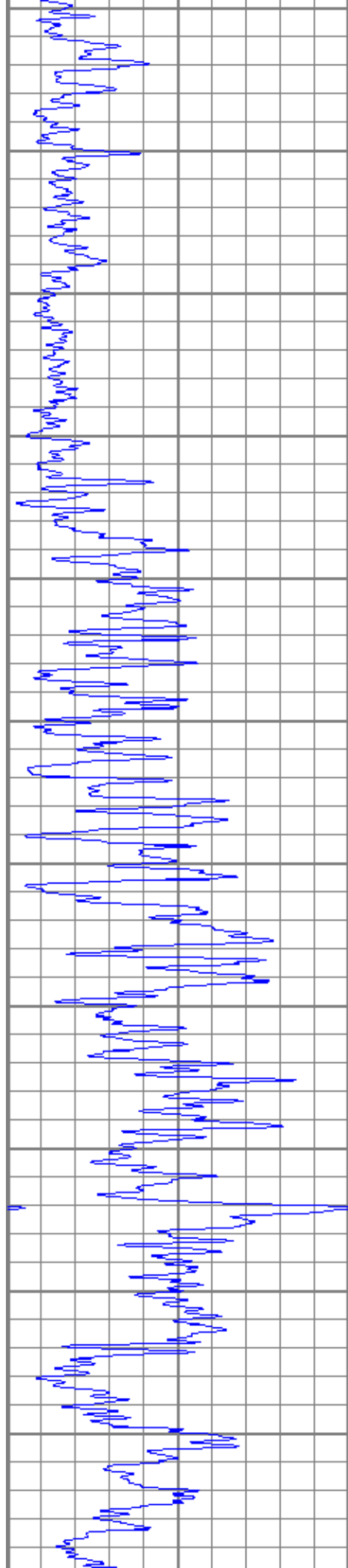
0 RLL3 (Ohm-m) 50

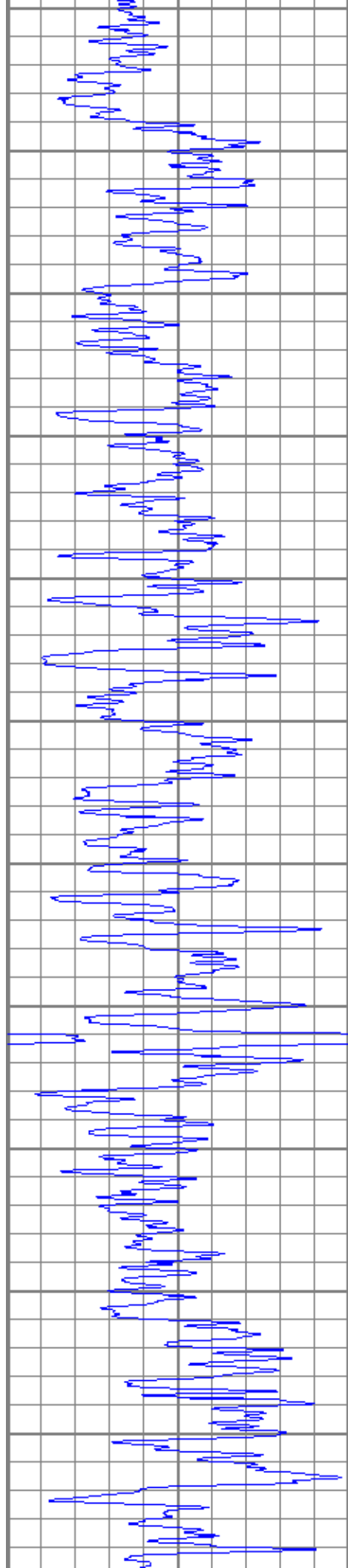
50 RILD x 10 (Ohm-m) 500

50 RLL3 x 10 (Ohm-m) 500

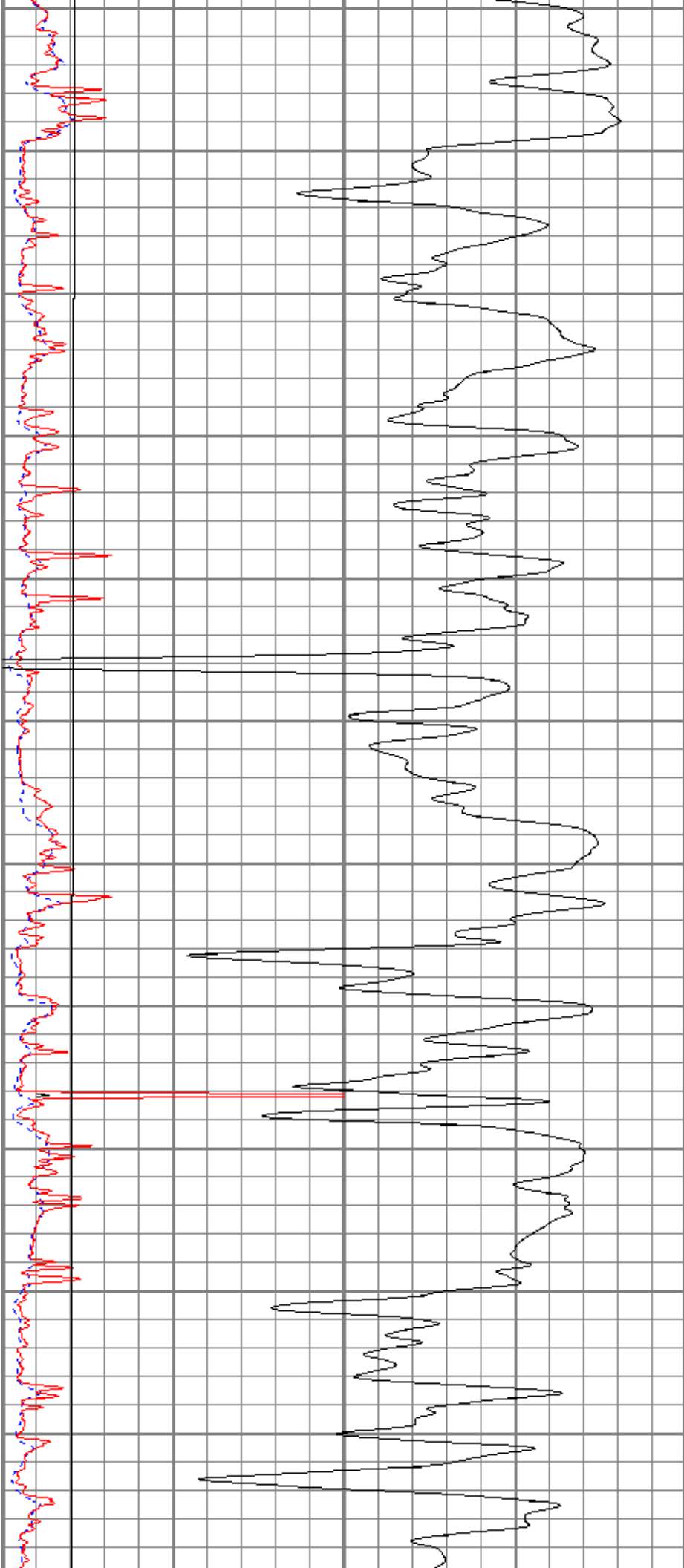


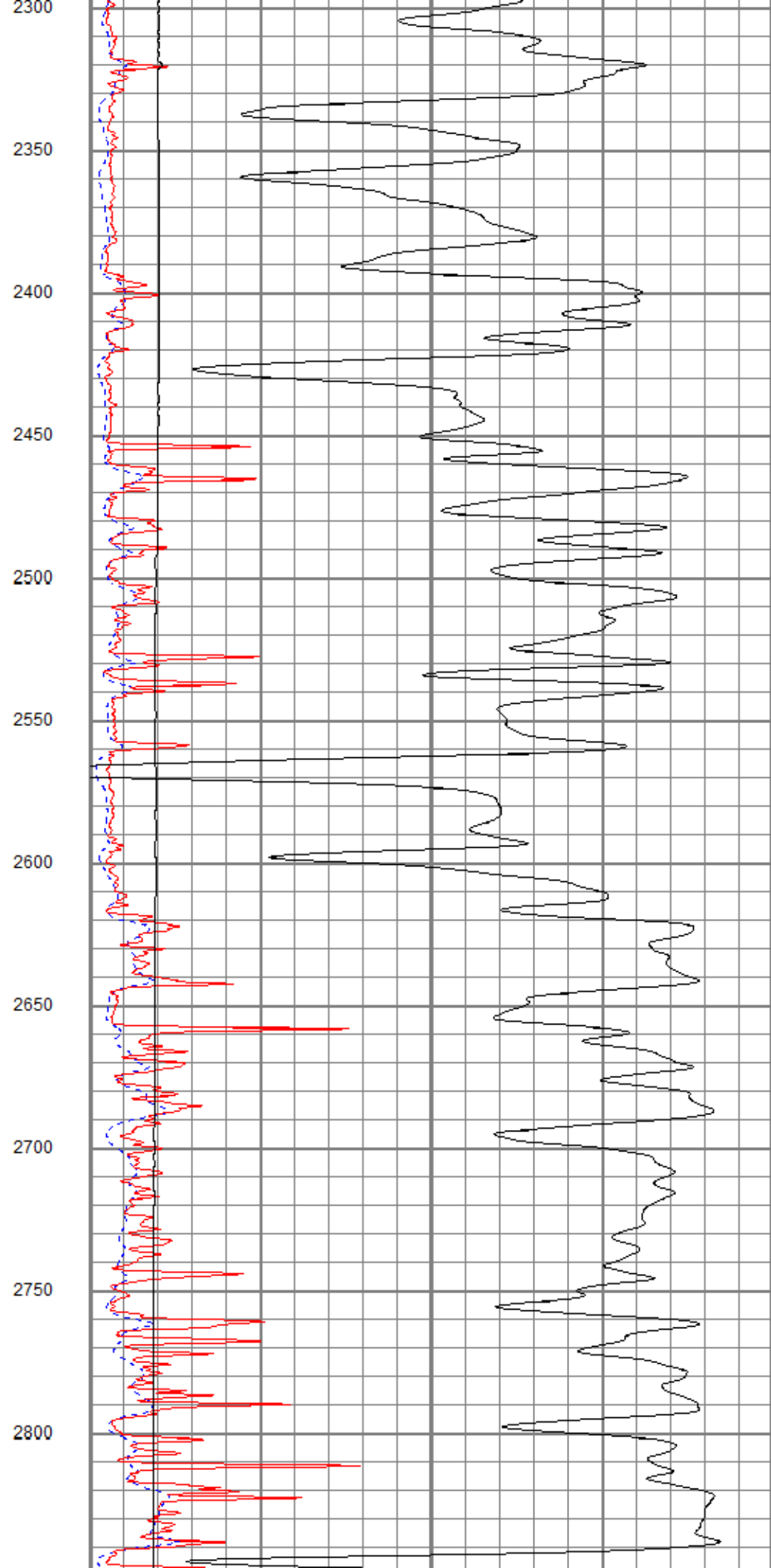
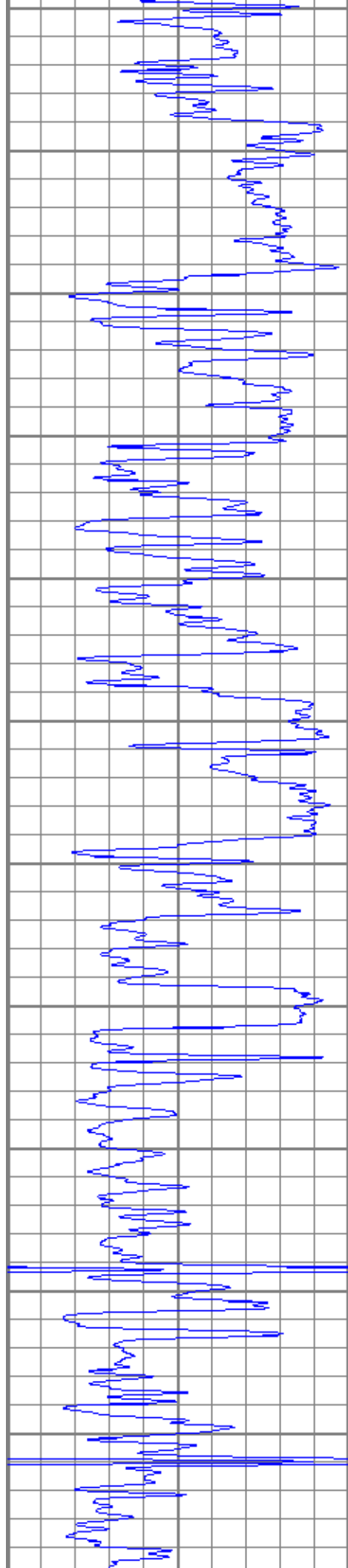


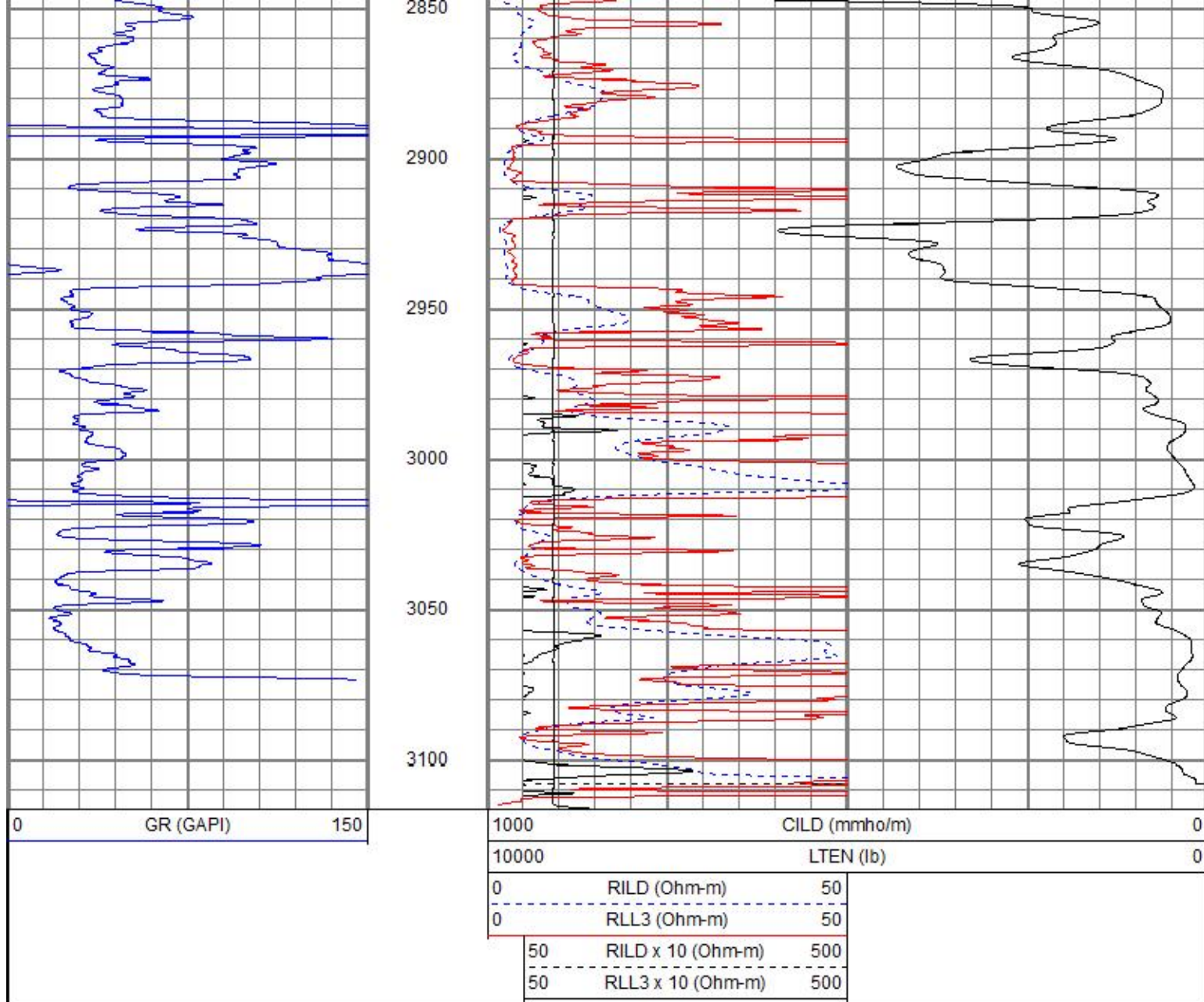




1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250



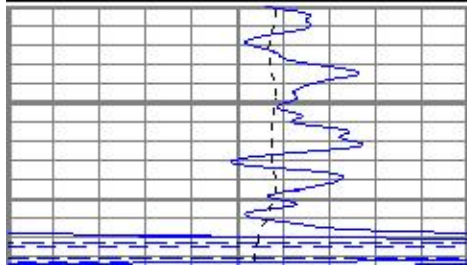




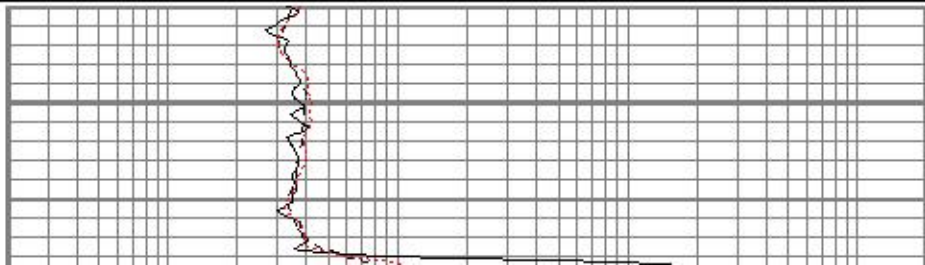
MAIN PASS

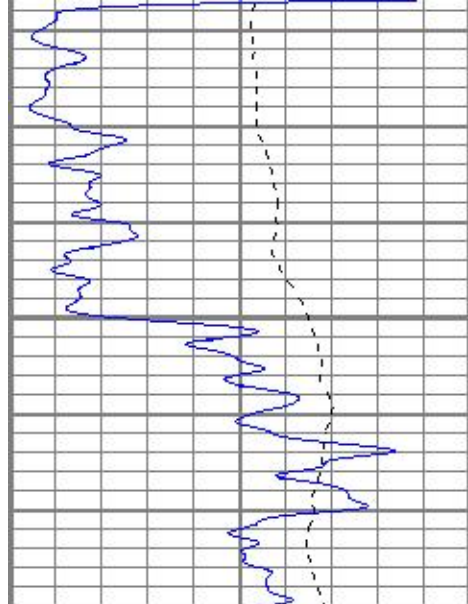
Database File jofmcallister#4oh.db
 Dataset Pathname pass2.1
 Presentation Format kdil
 Dataset Creation Sat Oct 27 15:55:17 2018
 Charted by Depth in Feet scaled 1:240

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



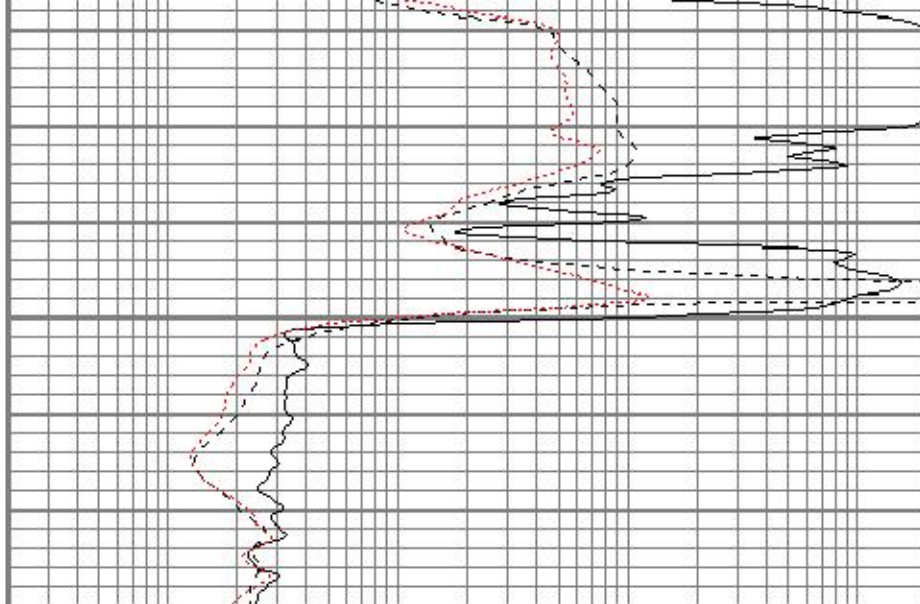
750





800

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

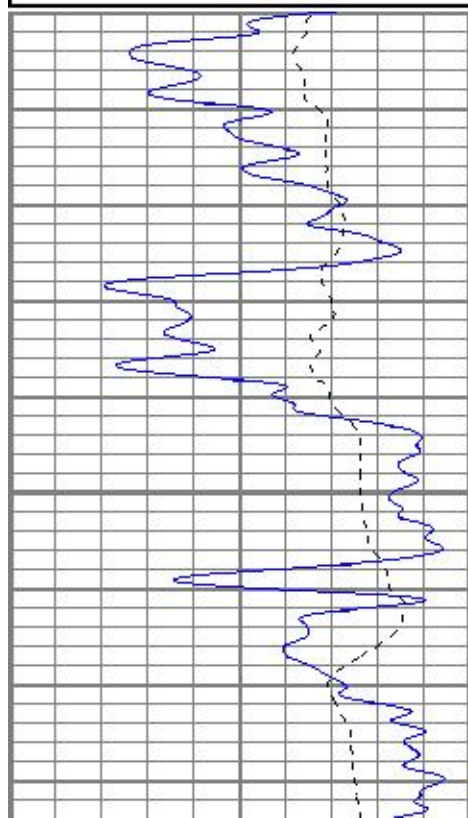


MAIN PASS

Database File jofmcallister#4oh.db
 Dataset Pathname pass2.1
 Presentation Format kdil
 Dataset Creation Sat Oct 27 15:55:17 2018
 Charted by Depth in Feet scaled 1:240

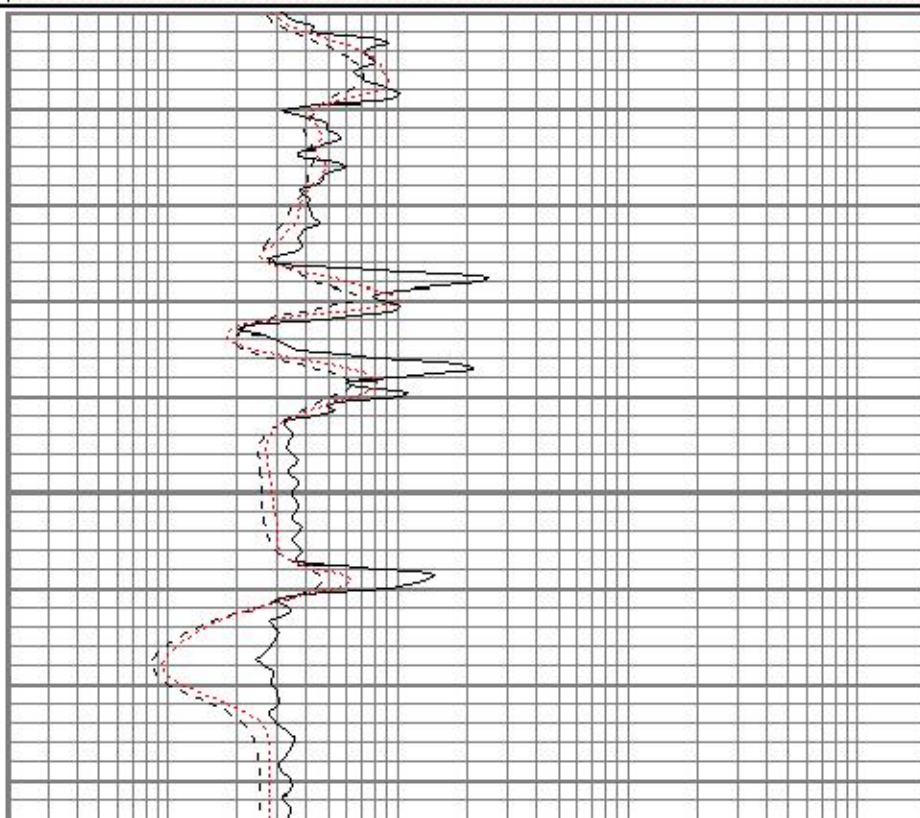
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-100	SP (mV)	100

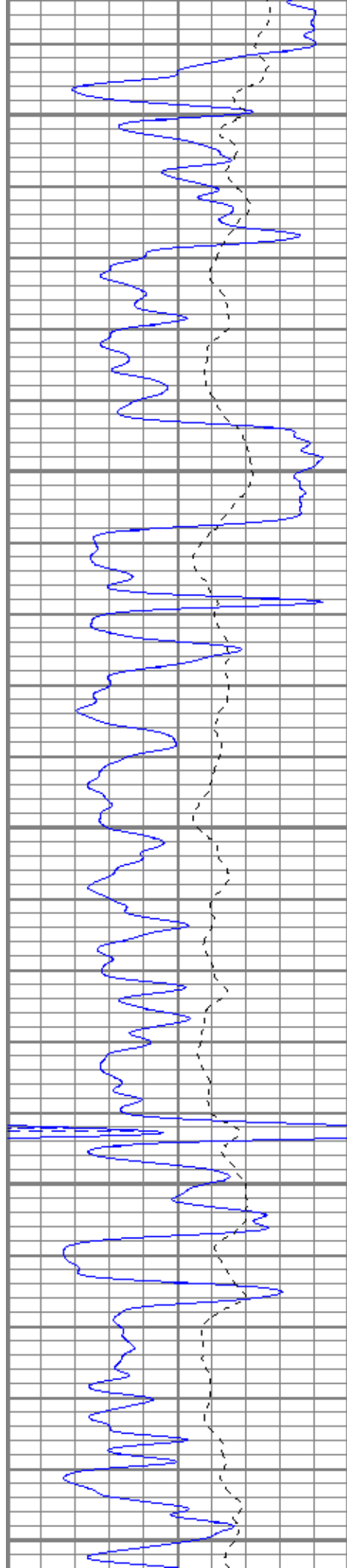
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0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000



2500

2550





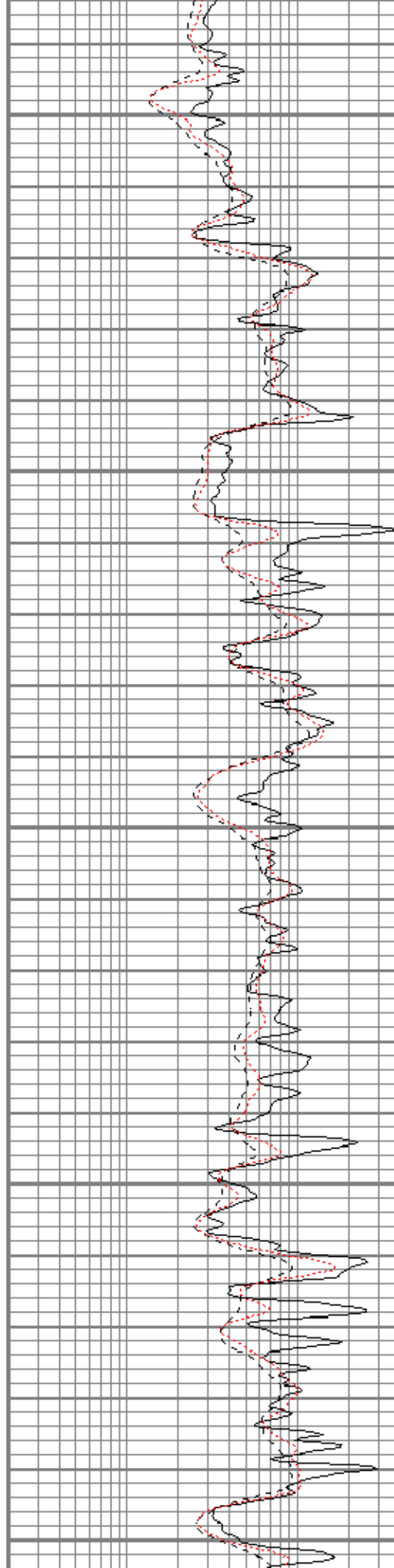
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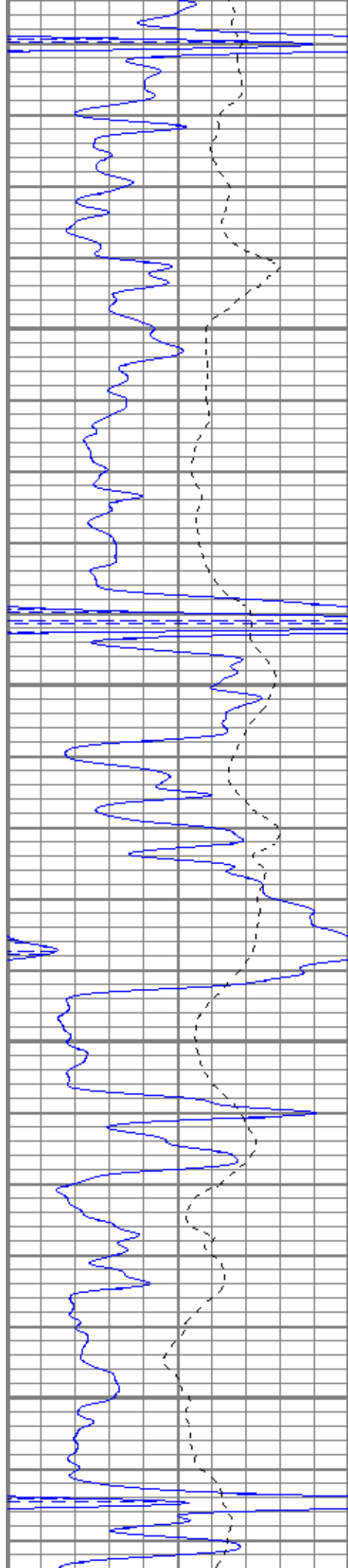
2650

2700

2750

2800



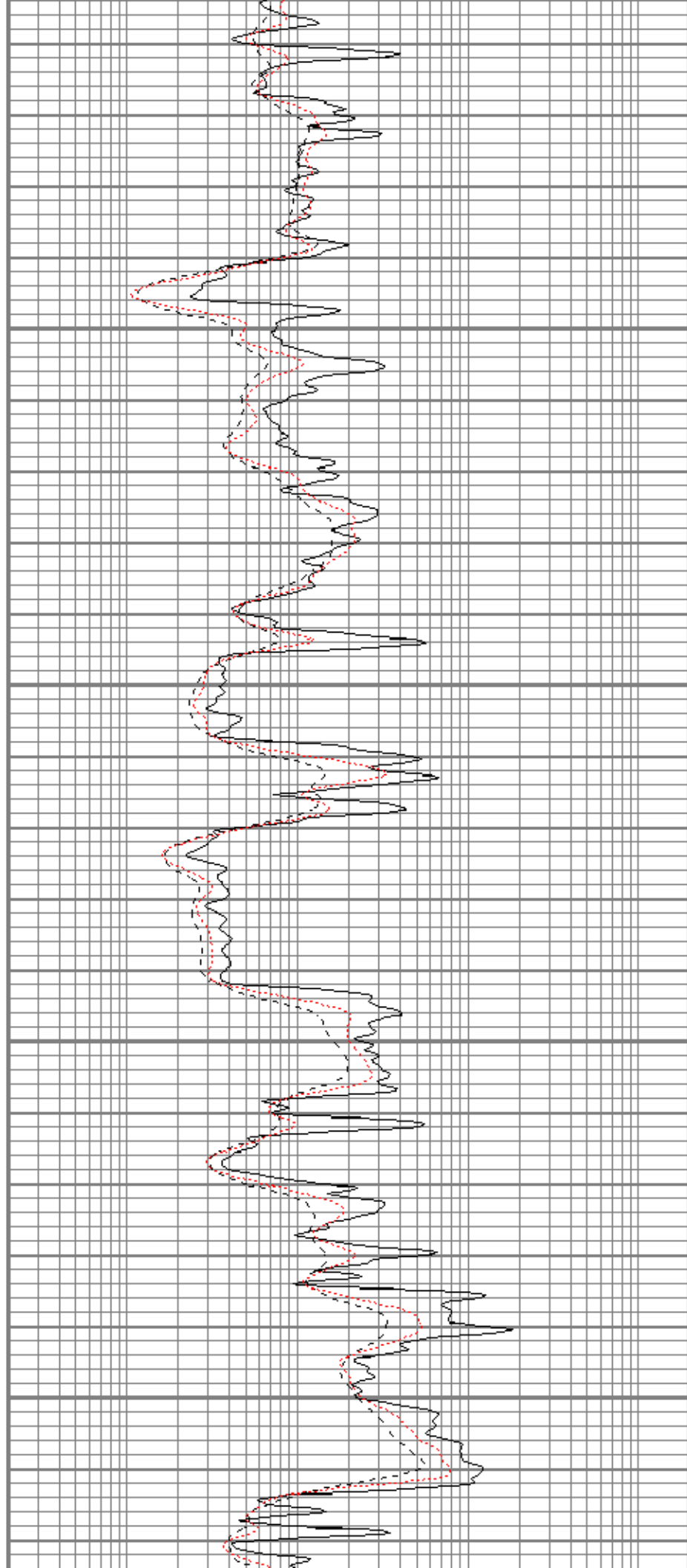


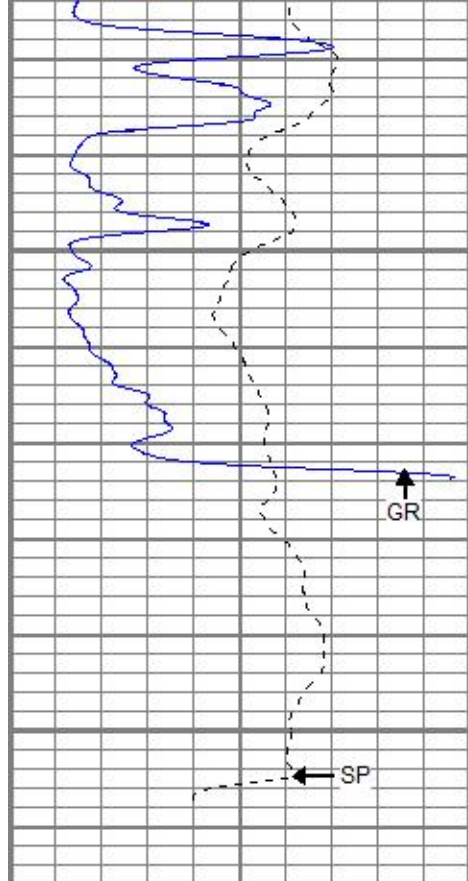
2850

2900

2950

3000





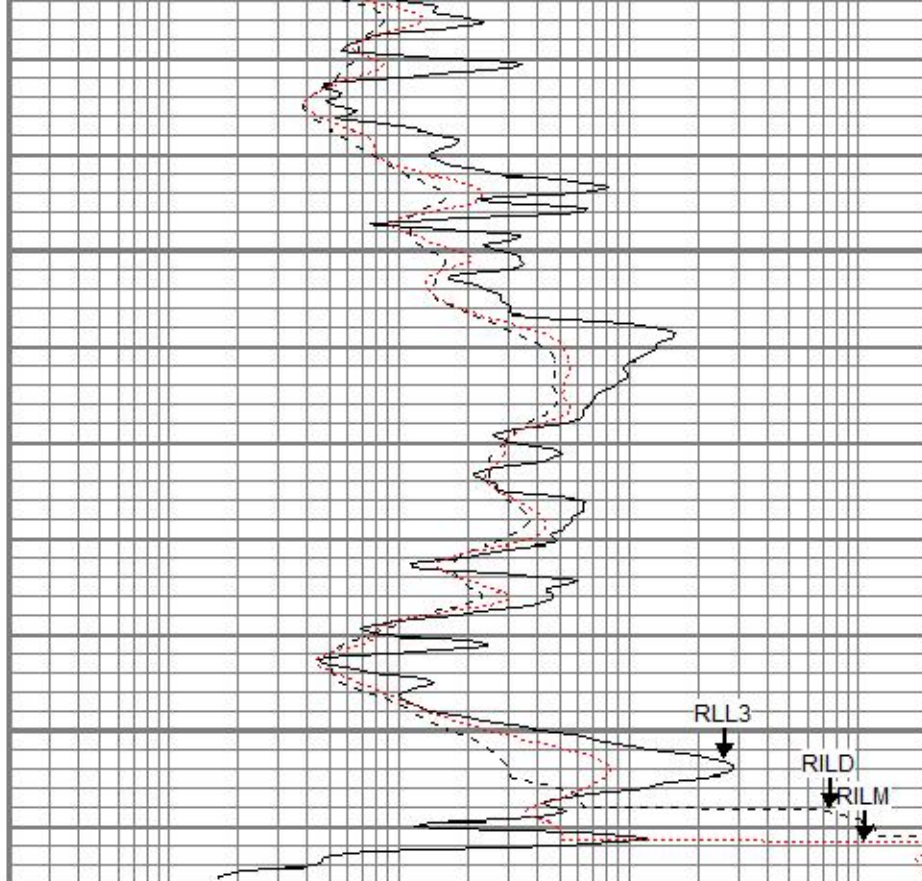
0	GR (GAPI)	150
-100	SP (mV)	100

3050

3100

GR

SP



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

RLL3

RILD

RILM

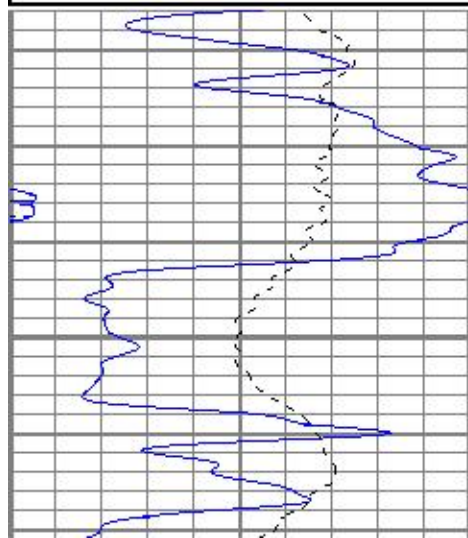


REPEAT SECTION

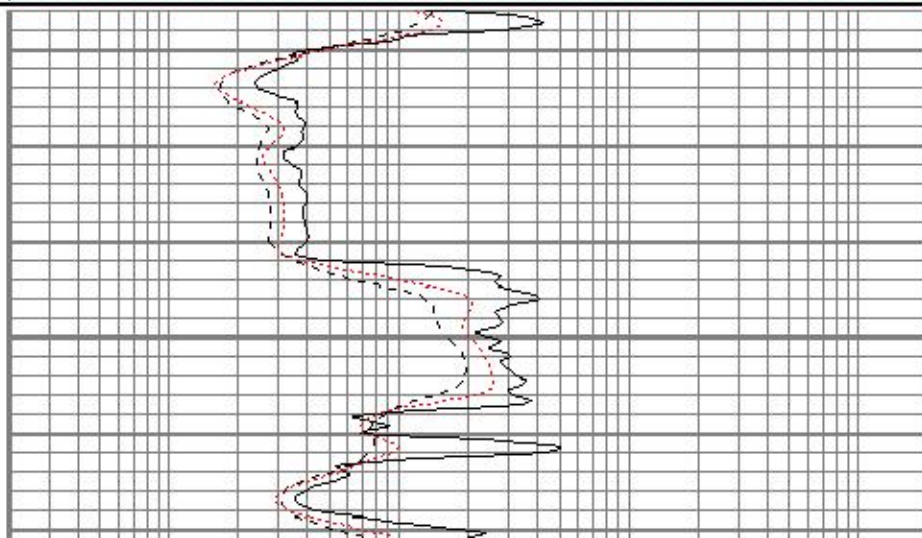
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 Presentation Format kdil
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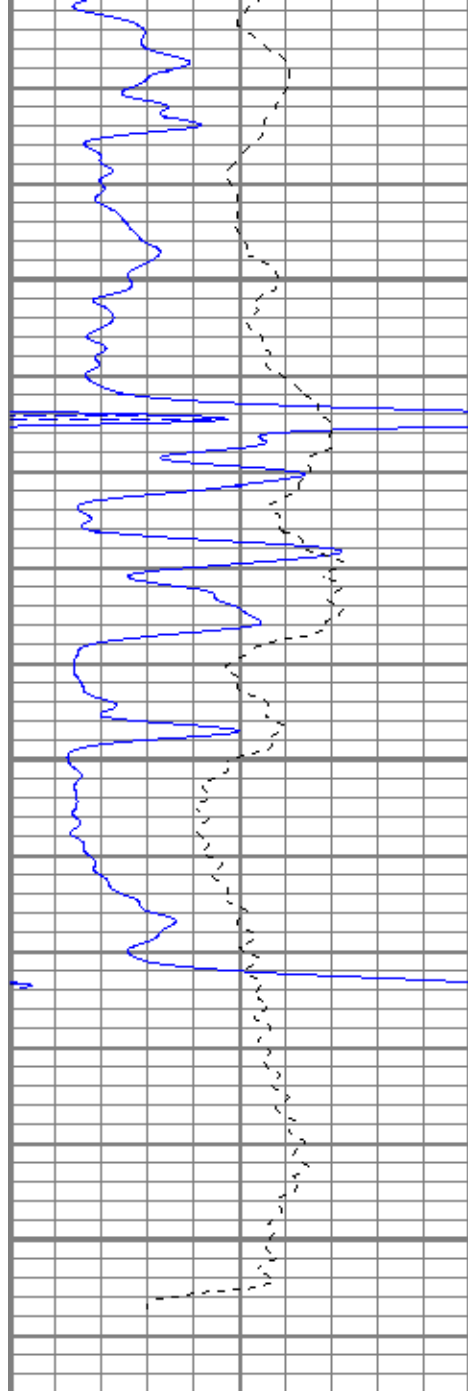
0	GR (GAPI)	150
-100	SP (mV)	100

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



2950



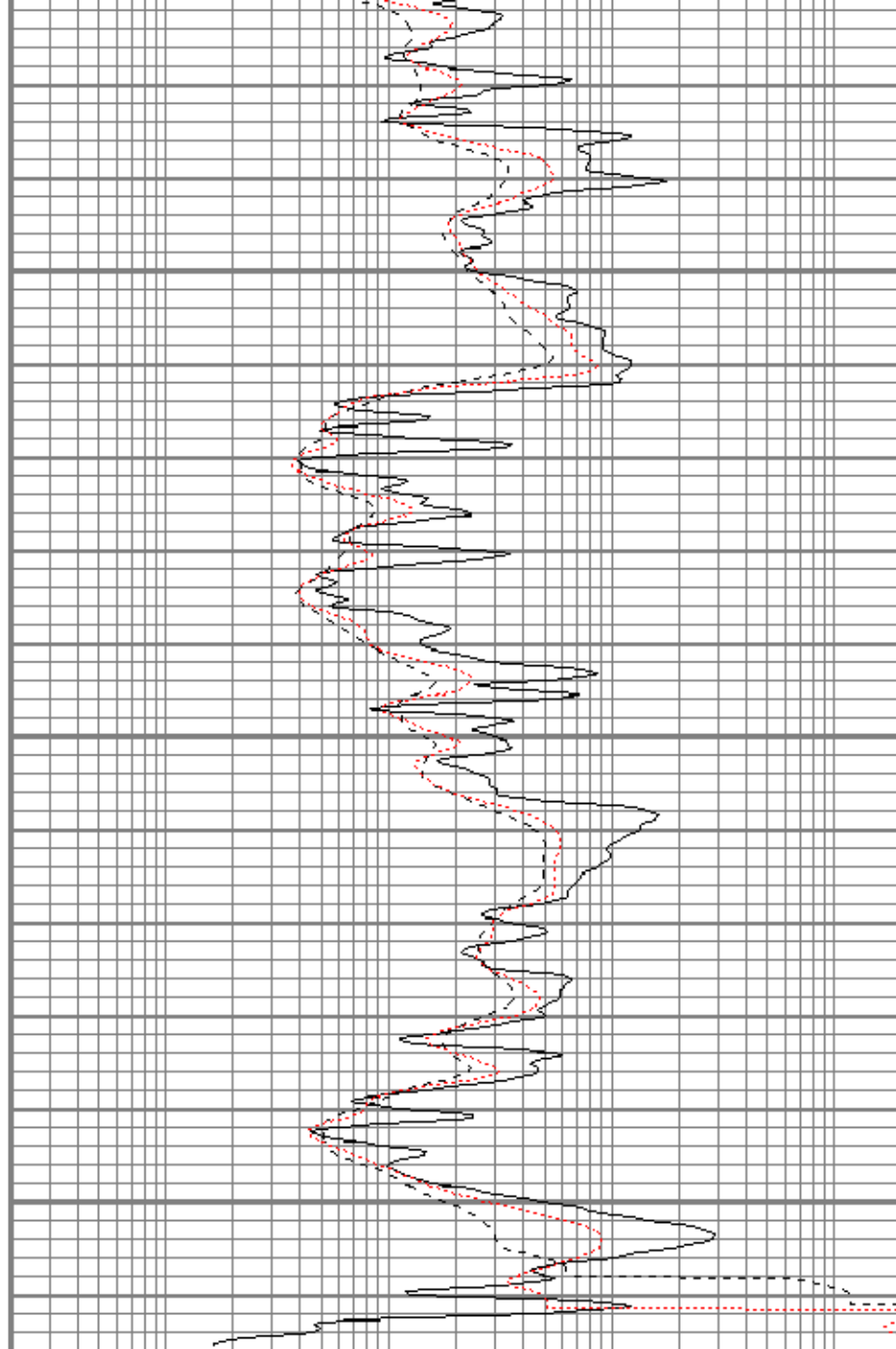


0	GR (GAPI)	150
-100	SP (mV)	100

3000

3050

3100



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

Calibration Report

Database File jofmcallister#4oh.db
 Dataset Pathname pass2.1
 Dataset Creation Sat Oct 27 15:55:17 2018

Dual Induction Calibration Report

Serial-Model: 5375-G
 Surface Cal Performed: Sat Oct 10 08:33:18 2015
 Downhole Cal Performed: Sat Oct 10 08:33:23 2015
 After Survey Verification Performed: Sat Oct 10 08:33:27 2015

Surface Calibration

Readings			References			Results	
Loop:	Air	Loop	Air	Loop	m	b	

