



DUAL INDUCTION LOG

Company Palomino Petroleum		Company Palomino Petroleum	
Well Baker HA Unit #1	Well Baker HA Unit #1		
Field Wildcat	Field Wildcat		
County Wichita	County Wichita		
State Kansas	State Kansas		
Location: 573' FNL & 2552' FWL		API #: 15 203 20308	
SEC 4 TWP 16S RGE 35W		Other Services CDNL ML	
Permanent Datum	Ground Level	Elevation	3197'
Log Measured From	KB 19' AGL		
Drilling Measured From	KB	Elevation K.B. 3216' D.F. 3215' G.L. 3197'	
Date 7-28-16	Run Number One		
Depth Driller	4835'		
Depth Logger	4824'		
Bottom Logged Interval	4822'		
Top Log Interval	200'		
Casing Driller	8 5/8" @ 232'		
Casing Logger	232'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.6/61		
pH / Fluid Loss	9/10.4		
Source of Sample	Pit		
Rm @ Meas. Temp	1.8@76degf		
Rmf @ Meas. Temp	1.35@76degf		
Rmc @ Meas. Temp	2.16@76degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.14@120degf		
Time Circulation Stopped	3:00 p.m.		
Time Logger on Bottom	5:30 p.m.		
Maximum Recorded Temperature	120degf		
Equipment Number	T127		
Location	Hays, KS		
Recorded By	Gus Pfannenstiel		
Witnessed By	Mr. Ryan Seib		

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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

Thanks for using Gemini Wireline LLC
785-625-1182
Marienthal to 20 Rd. North 12 miles to curve.
East into.



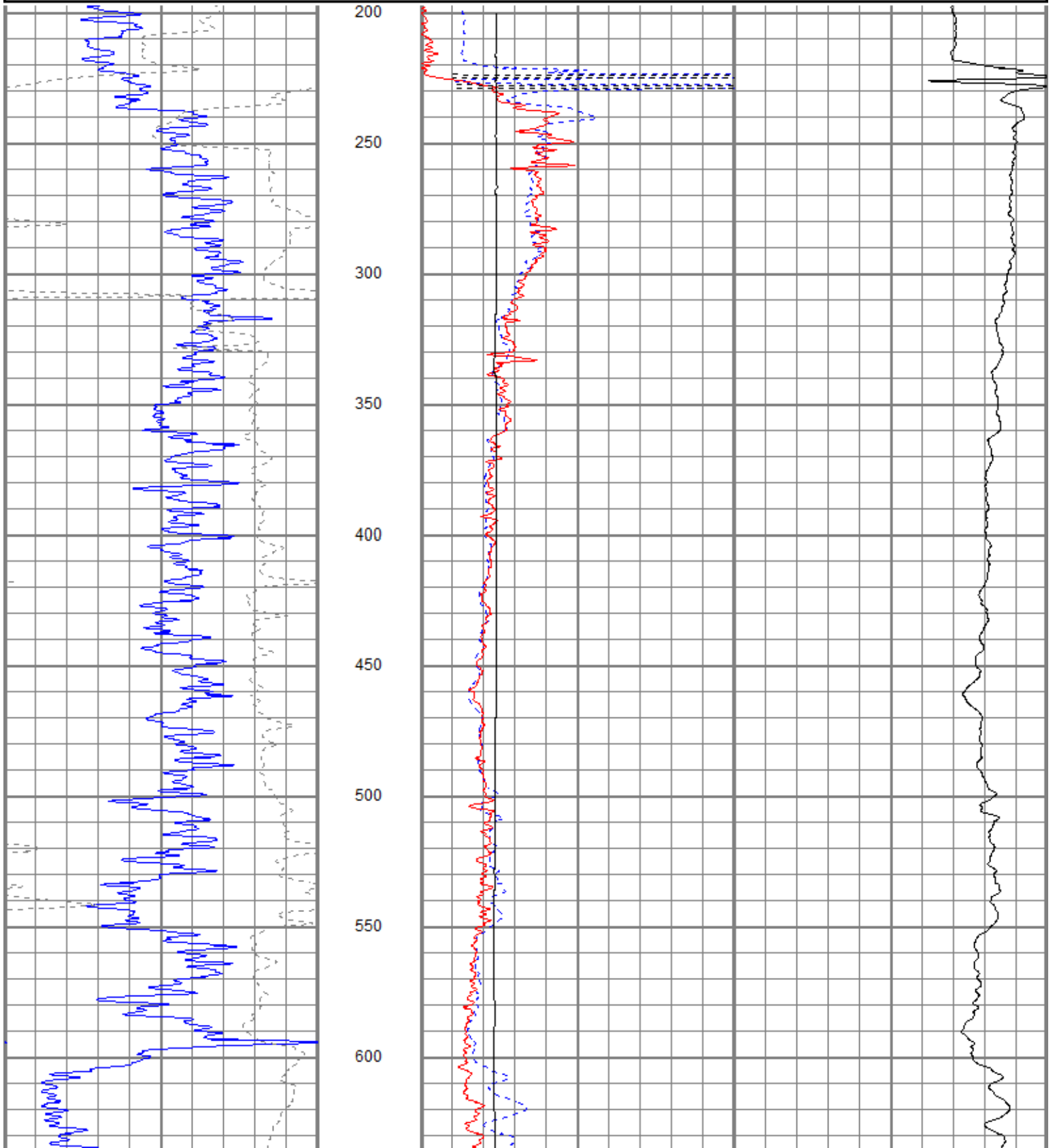
Main Pass

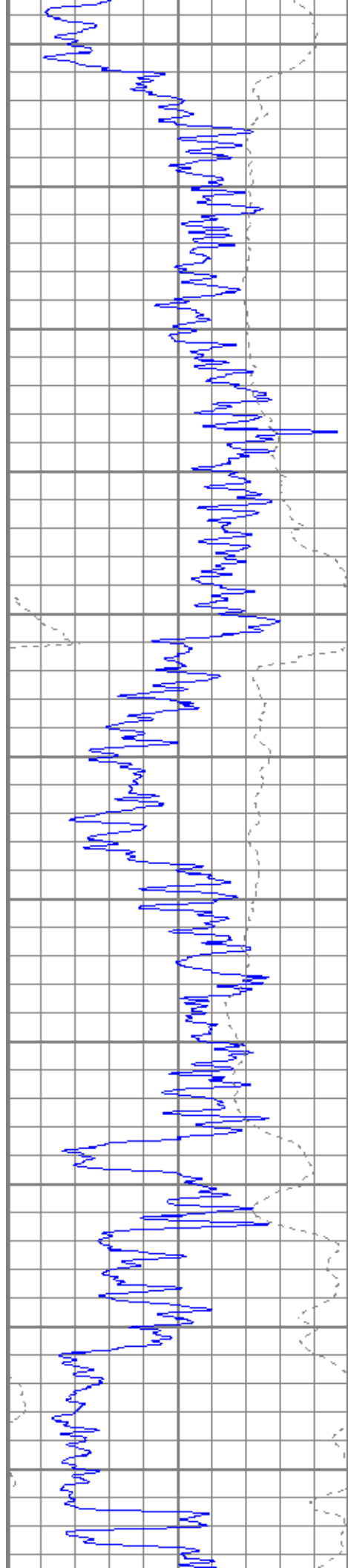
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 Dataset Pathname pass2
 Presentation Format kdrilln2
 Dataset Creation Thu Jul 28 17:37:37 2016
 Charted by Depth in Feet scaled 1:600

0	GR (GAPI)	150
-200	SP (mV)	0

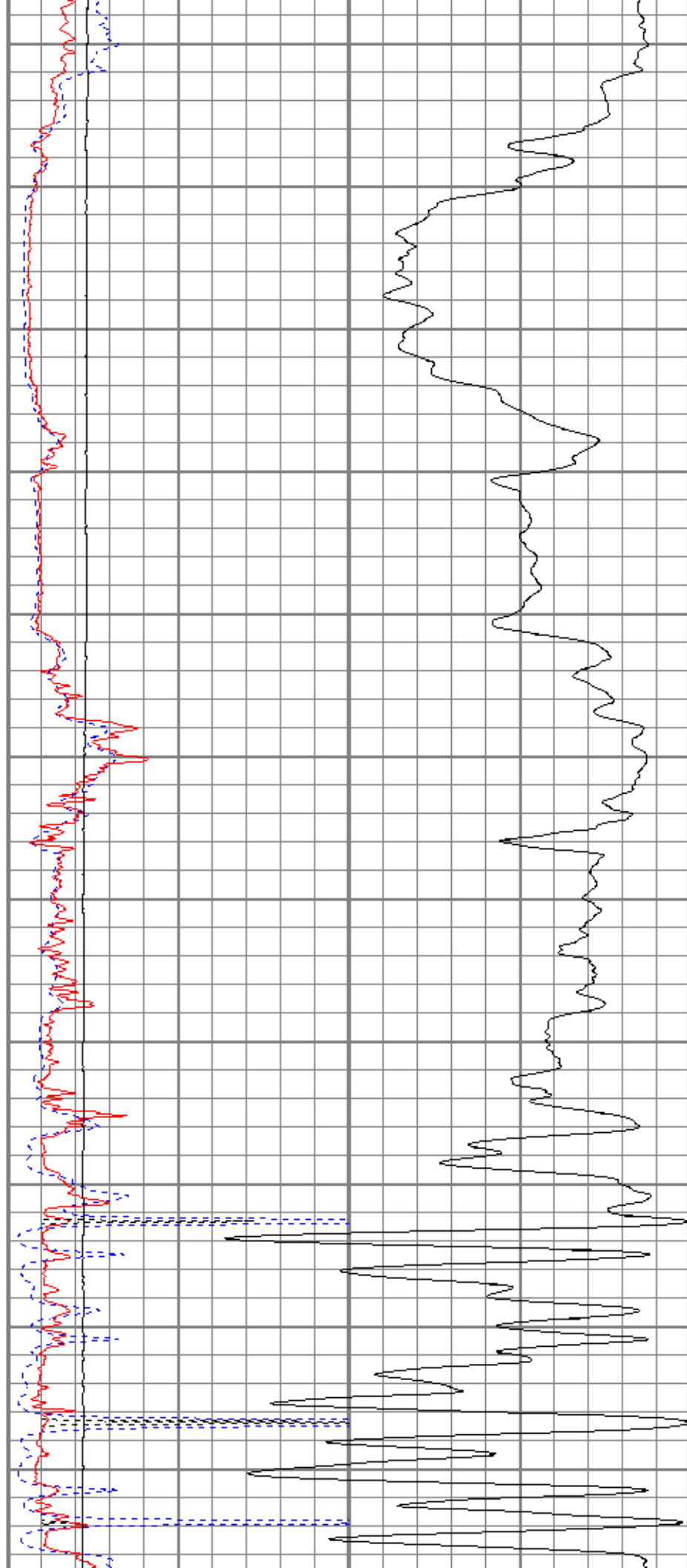
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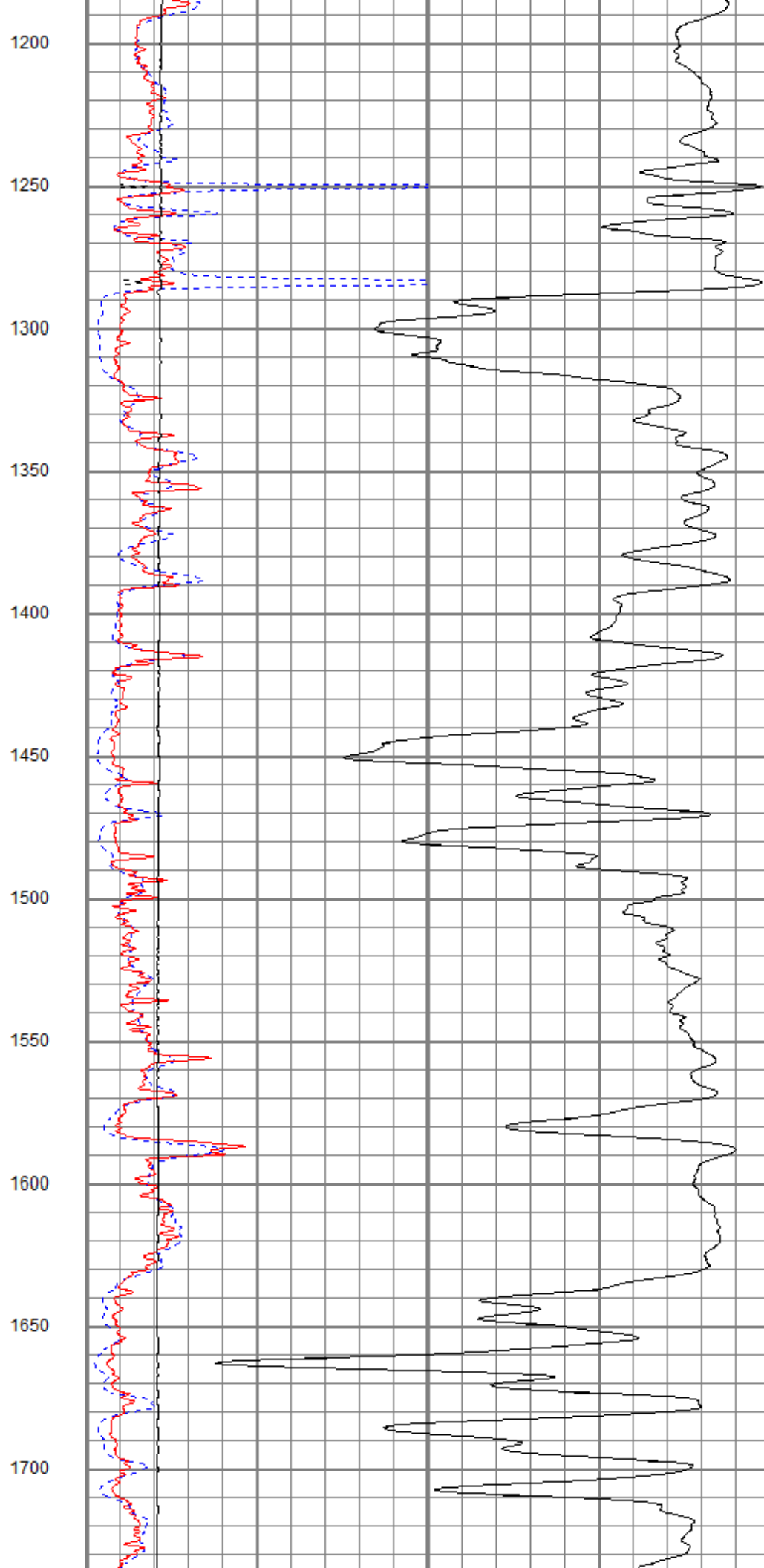
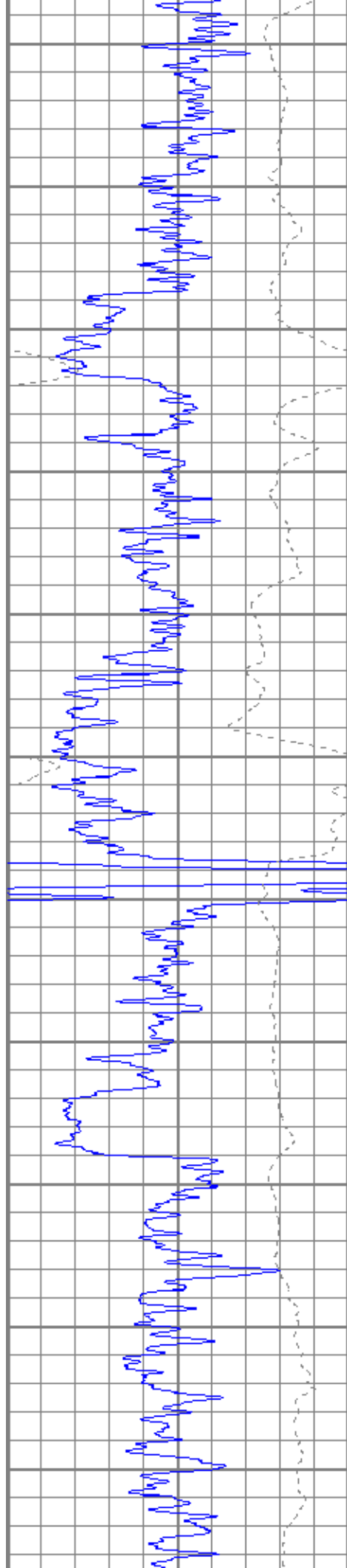
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0	RLL3 (Ohm-m)	50
50	RILD x 10 (Ohm-m)	500
50	RLL3 x 10 (Ohm-m)	500

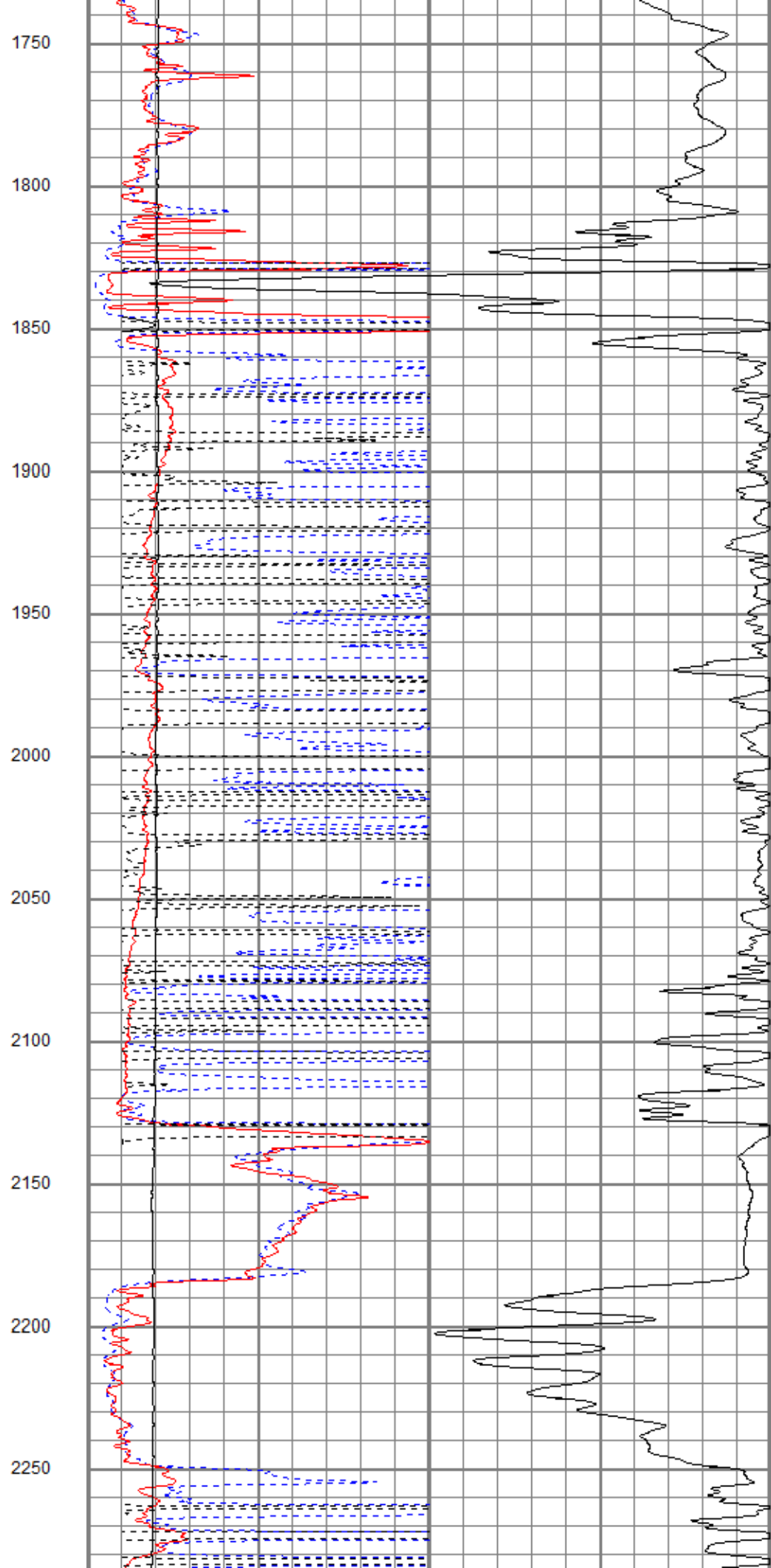
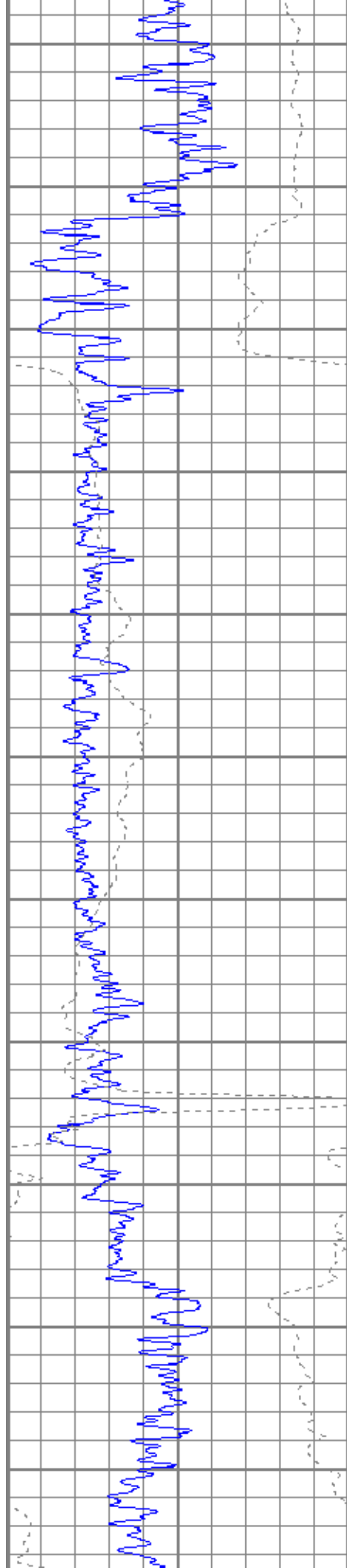


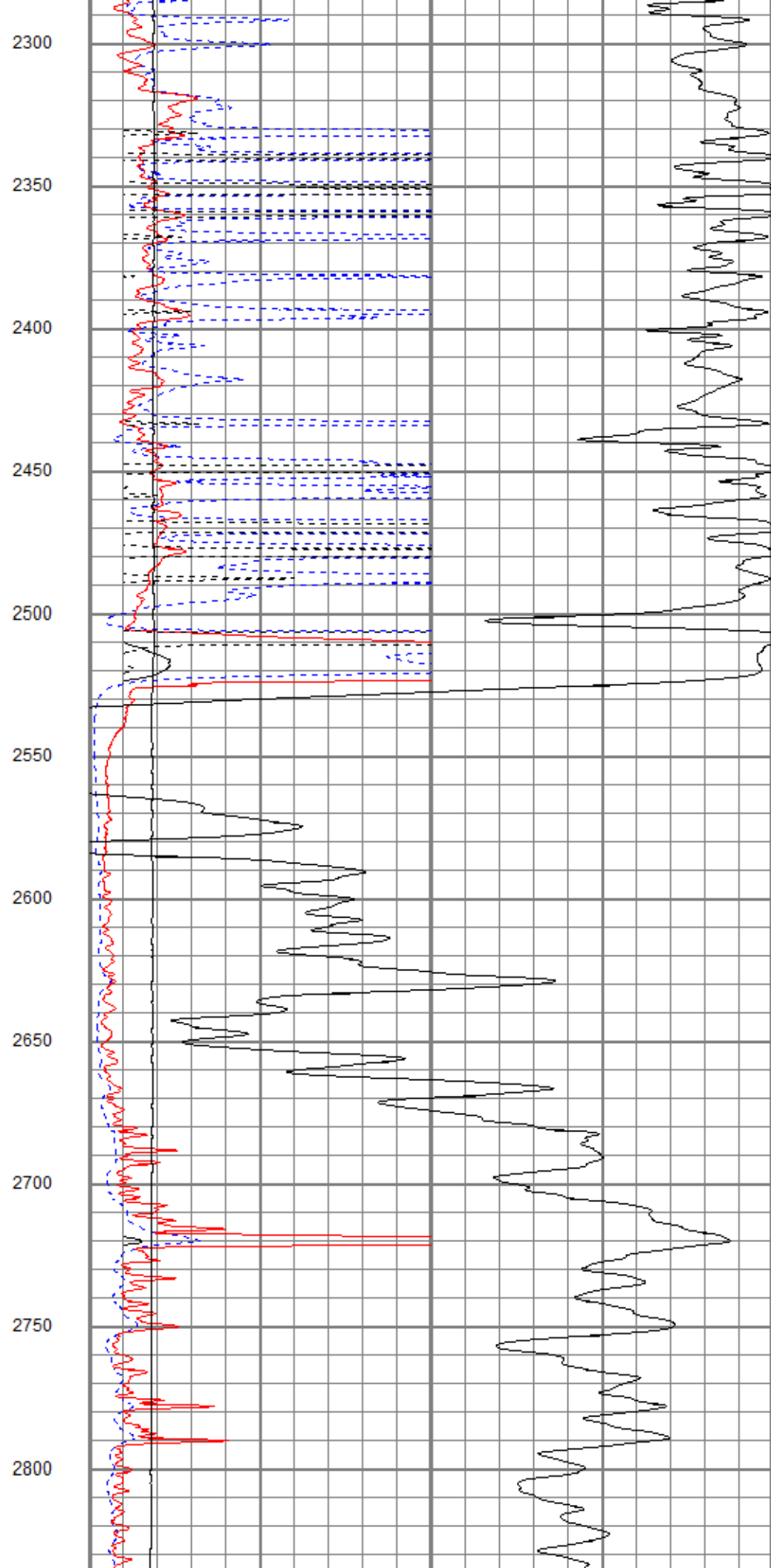
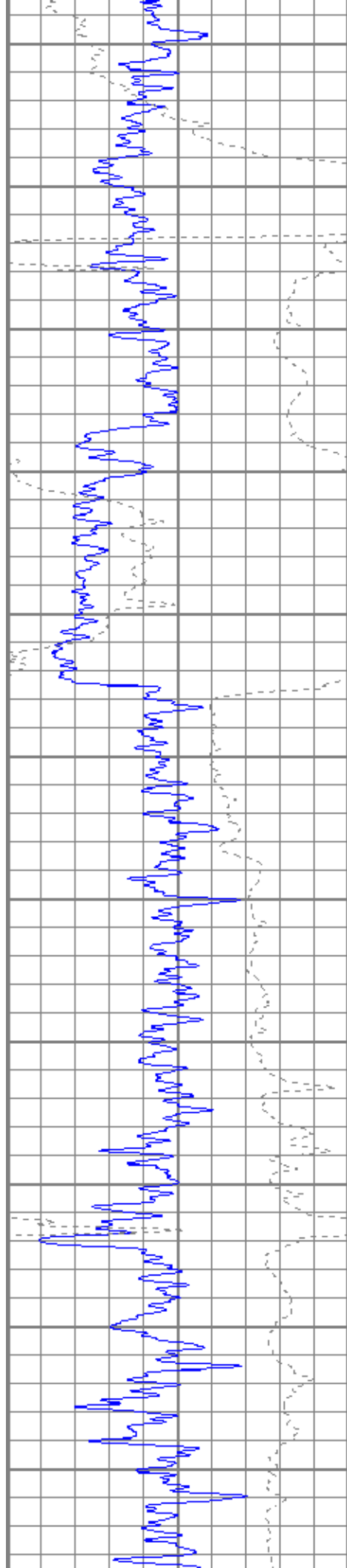


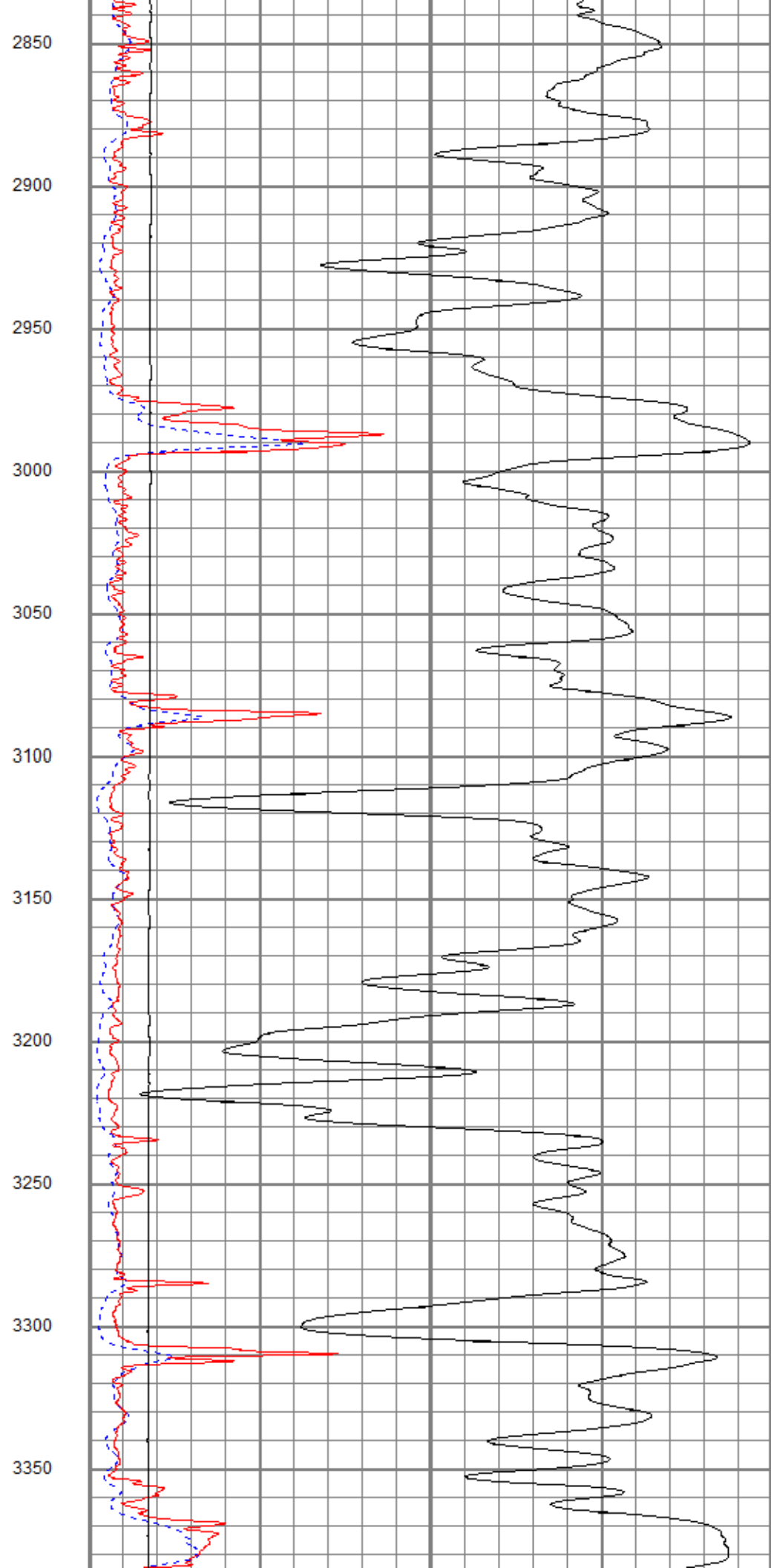
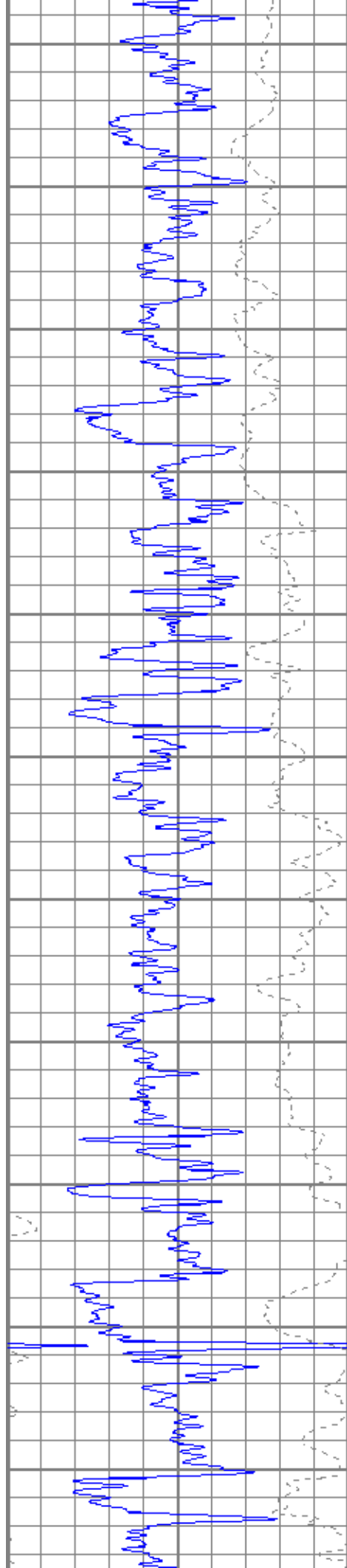
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700
750
800
850
900
950
1000
1050
1100
1150

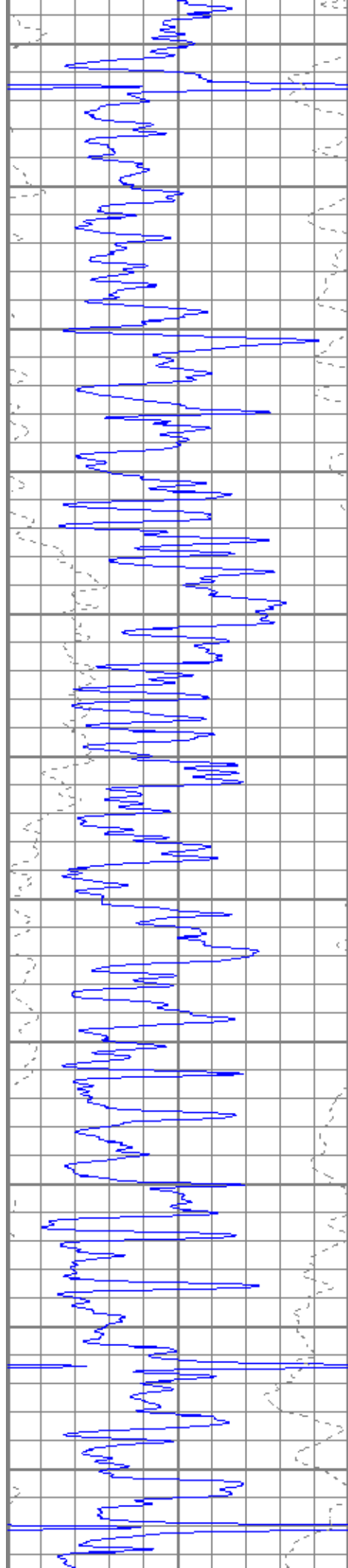












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3600

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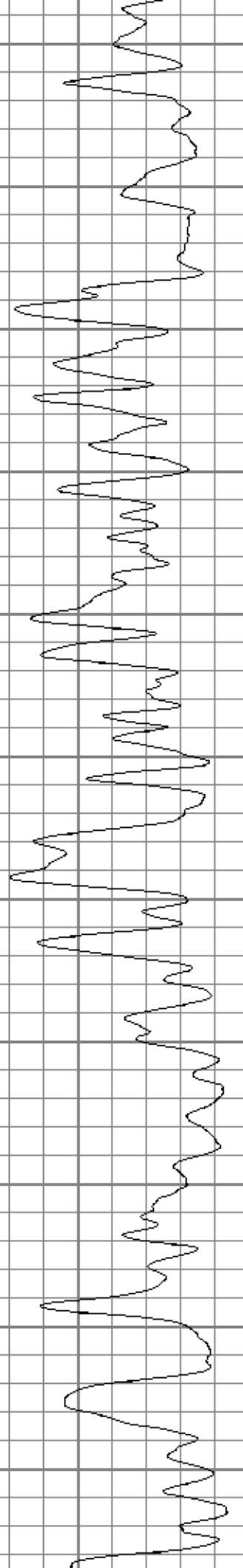
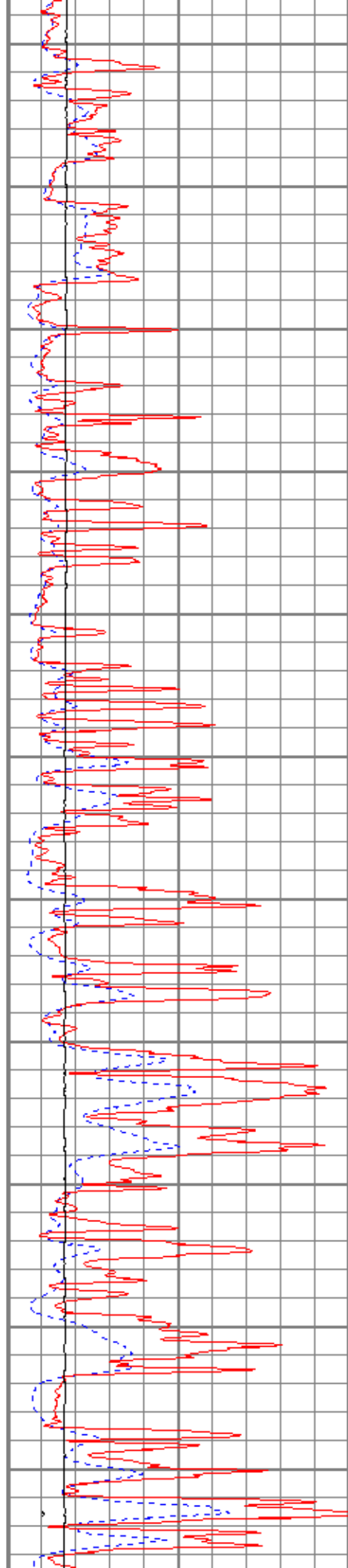
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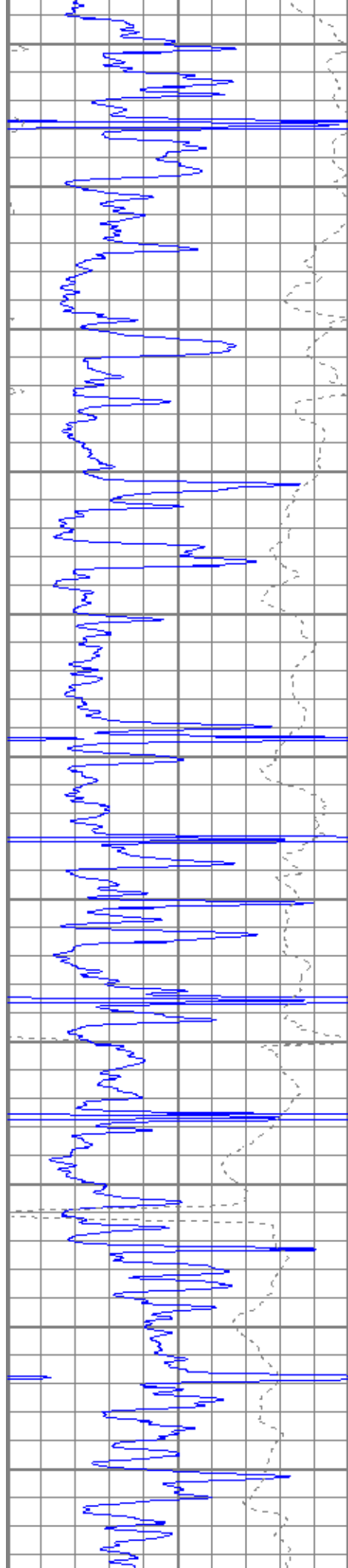
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3950

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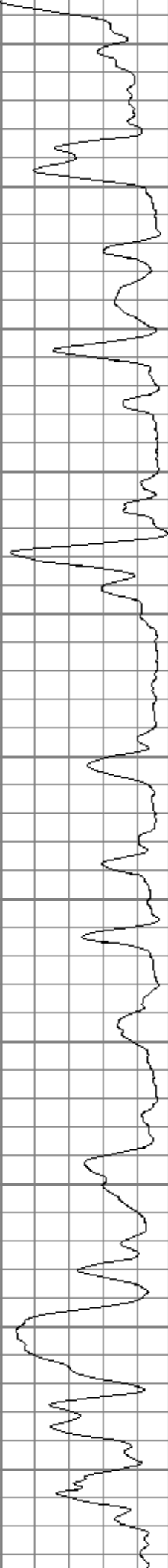
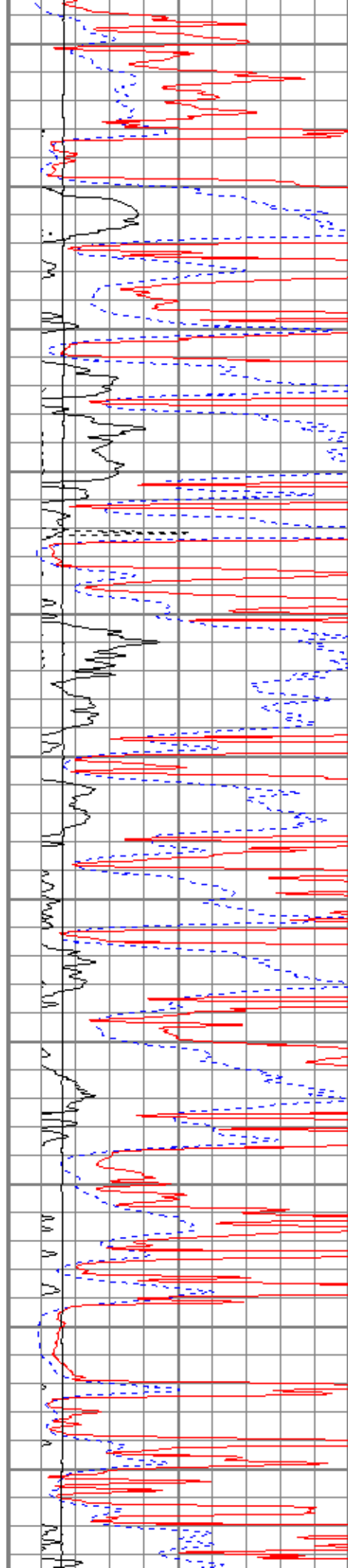
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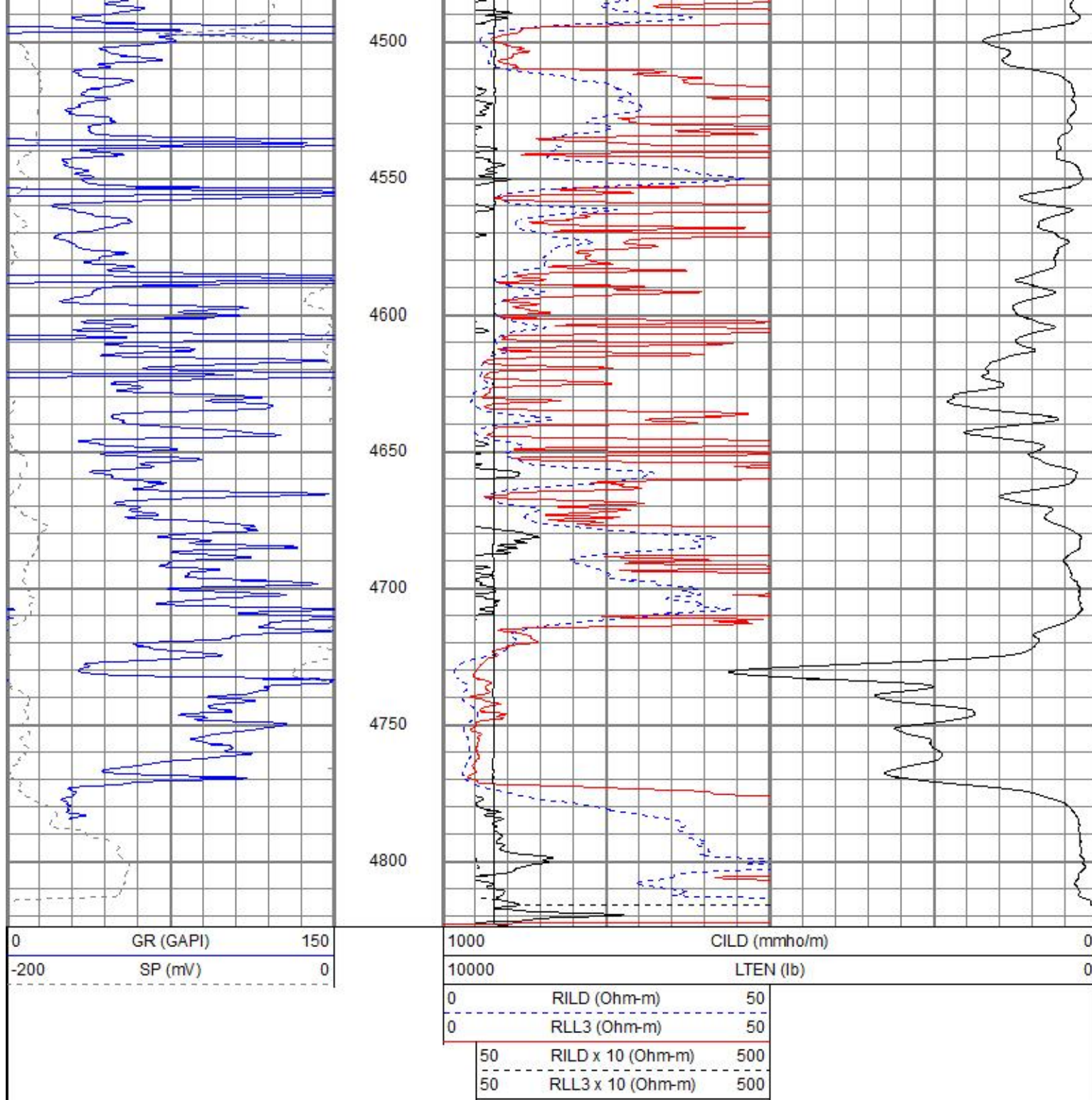
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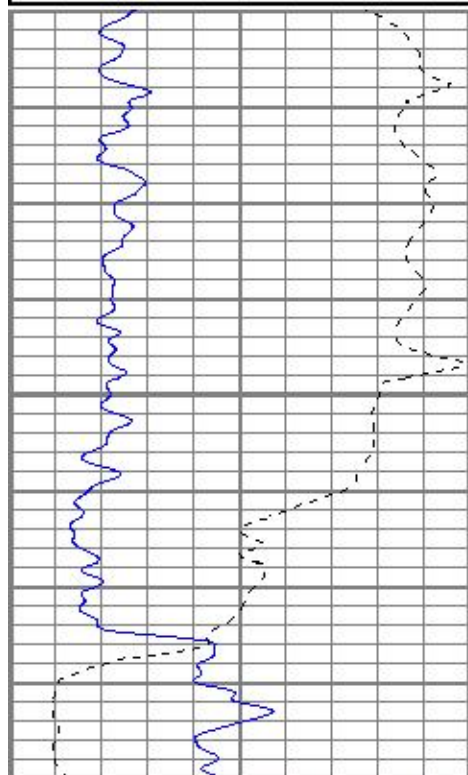




Main Pass

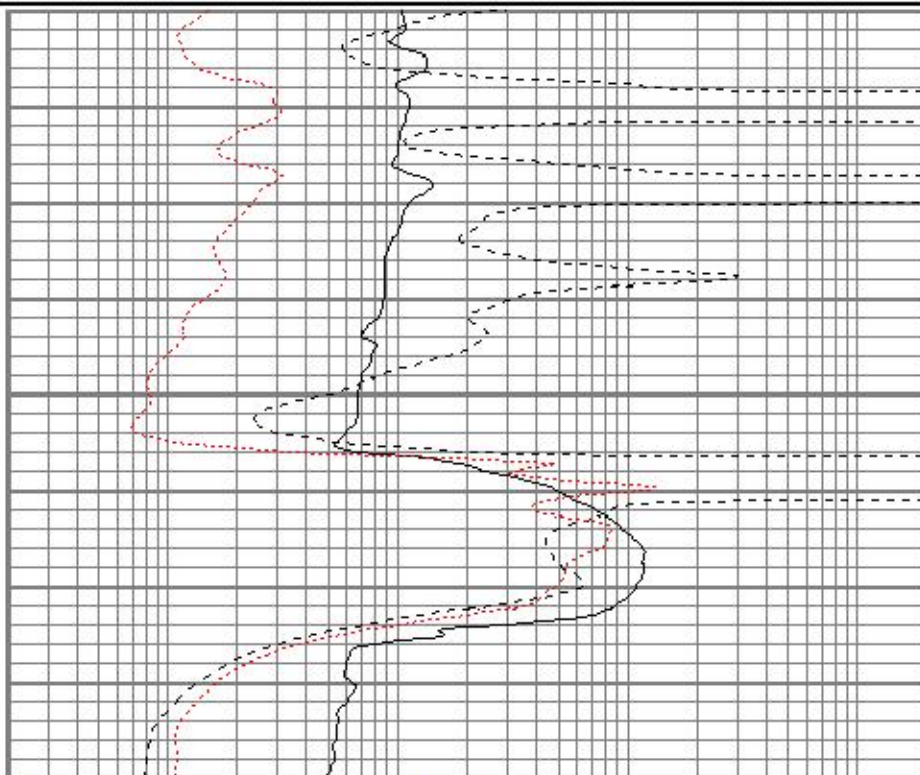
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 Presentation Format kdil
 Dataset Creation Thu Jul 28 17:37:37 2016
 Charted by Depth in Feet scaled 1:240

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



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

2500



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

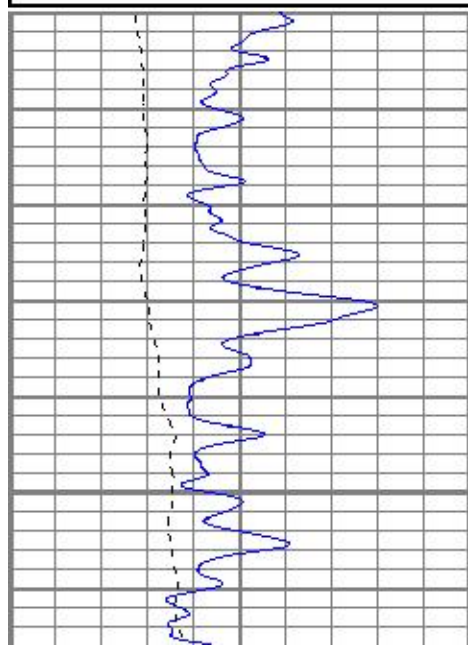


Main Pass

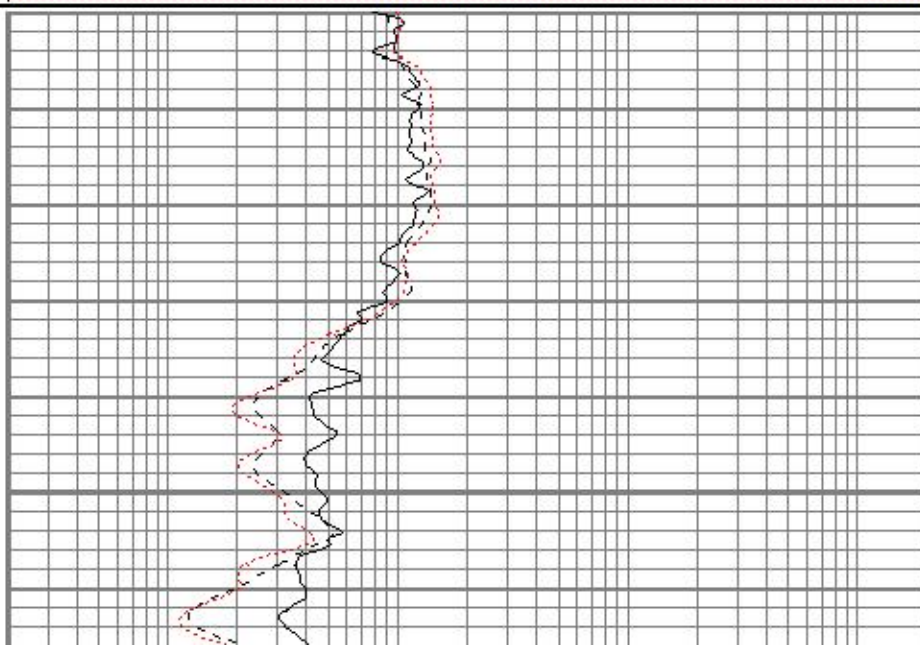
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 Charted by Depth in Feet scaled 1:240

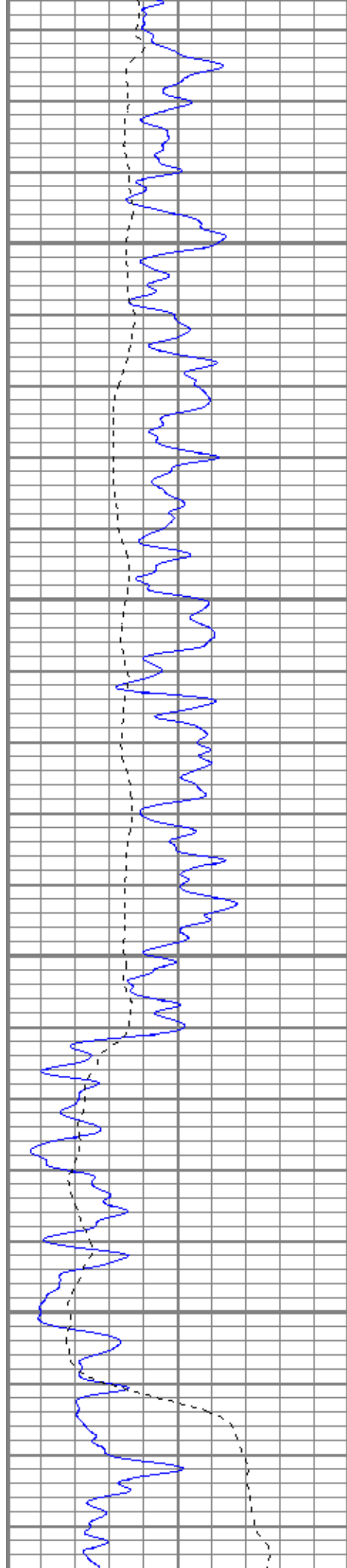
0	GR (GAPI)	150
-100	SP (mV)	100

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



1650



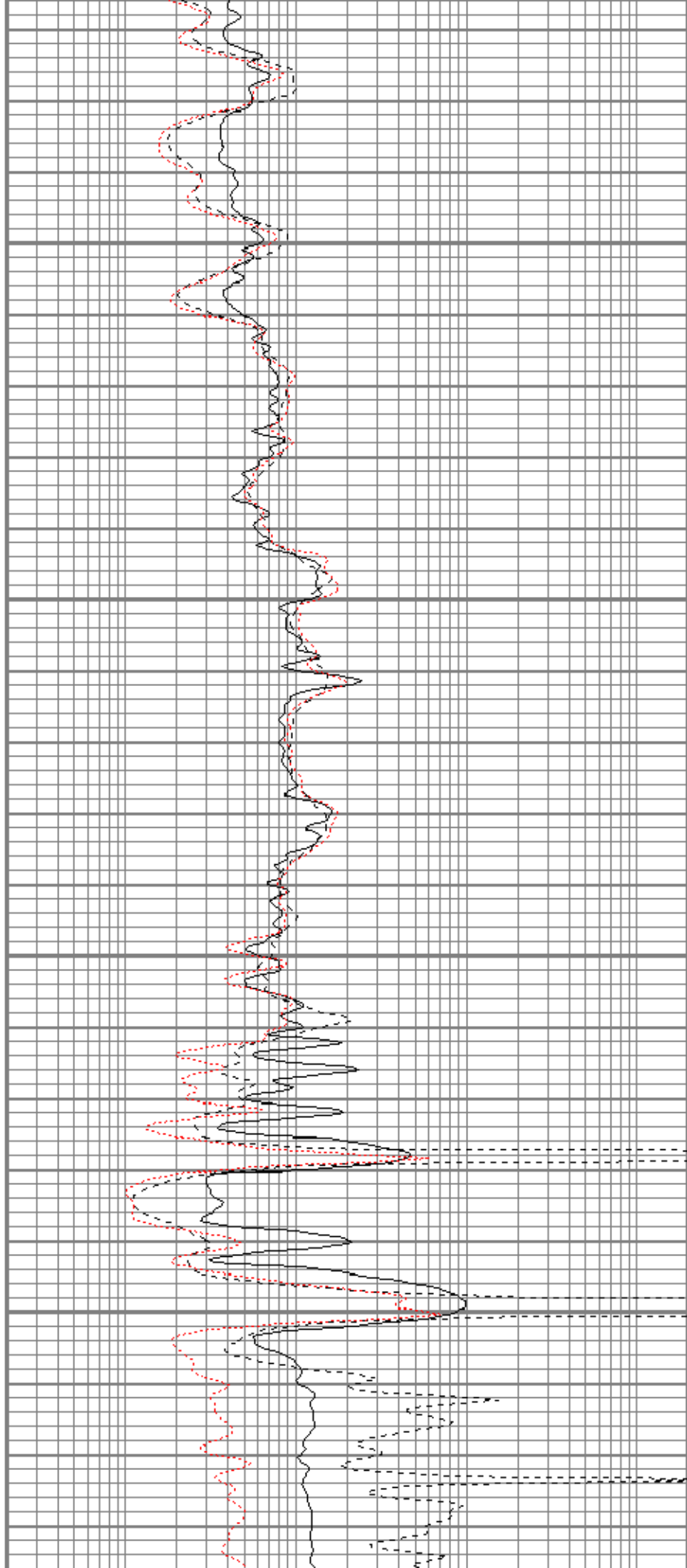


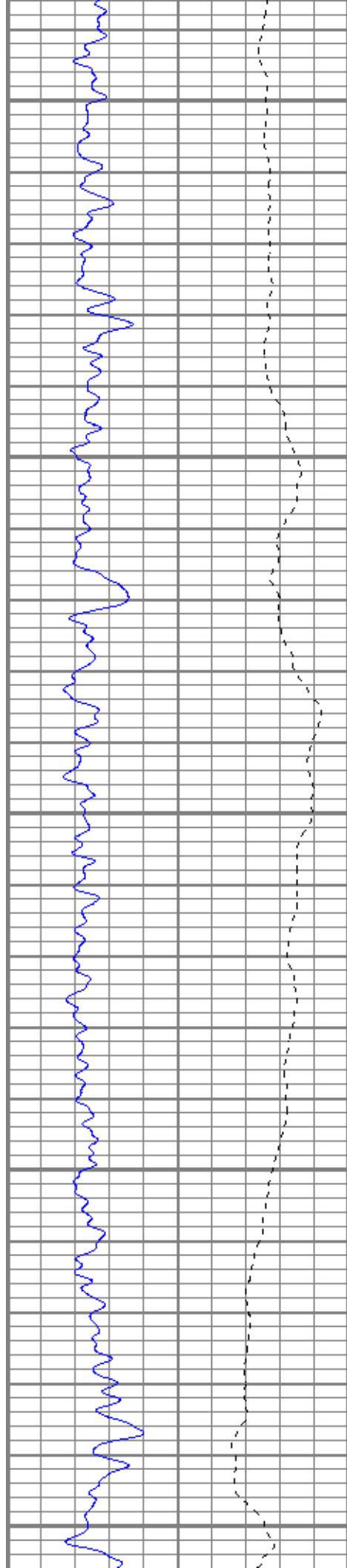
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1850





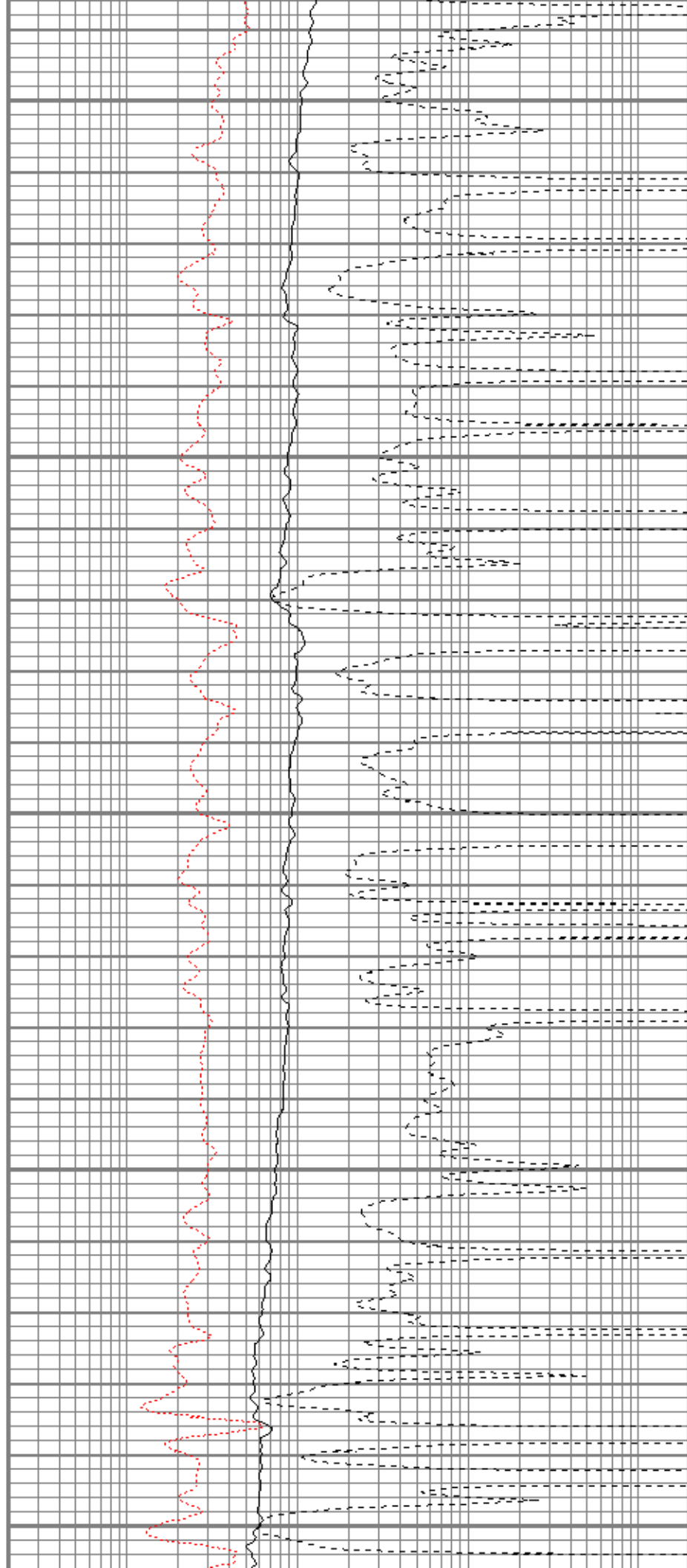
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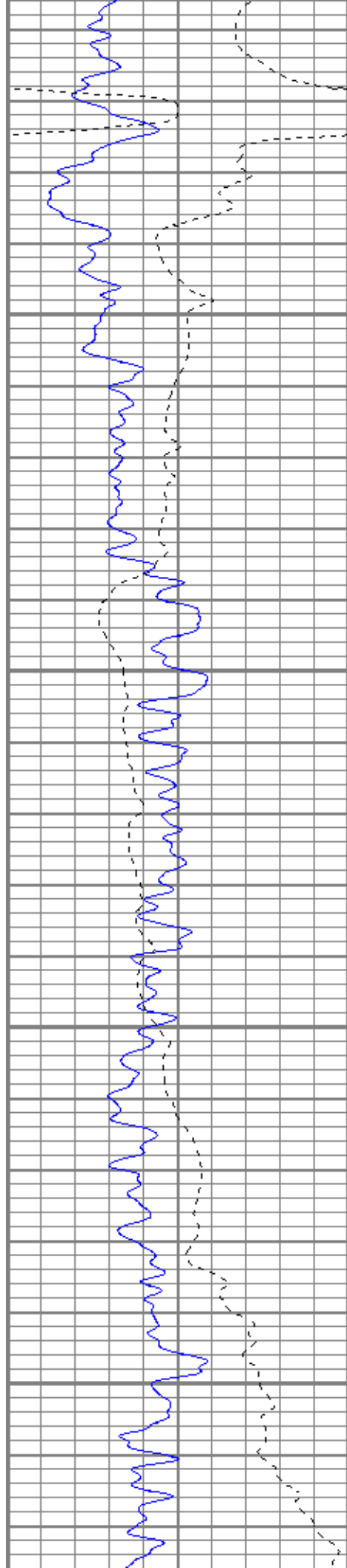
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2000

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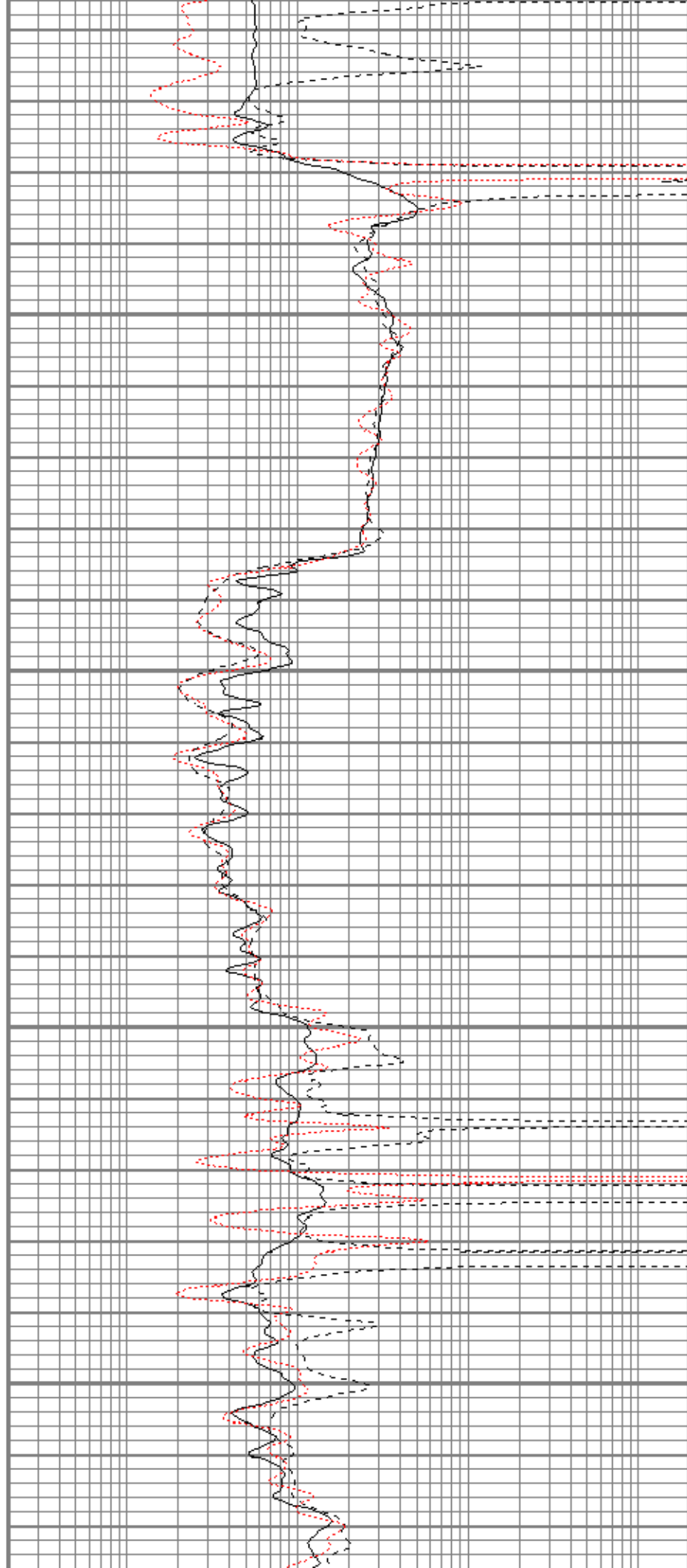


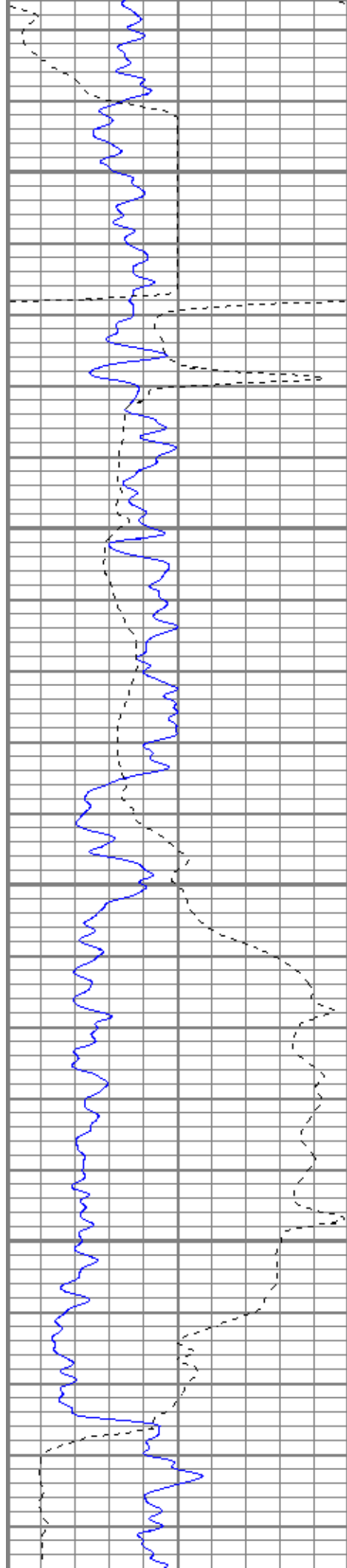
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2250

2300



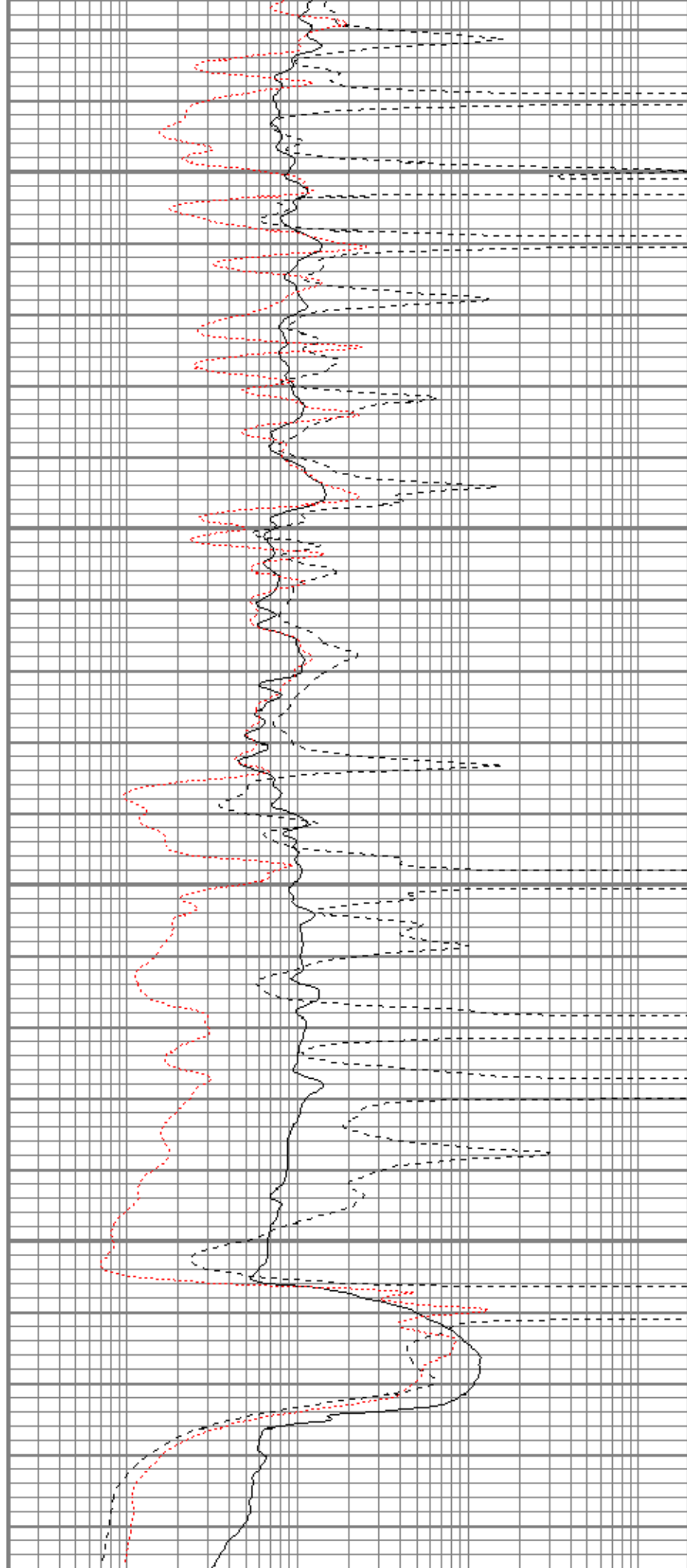


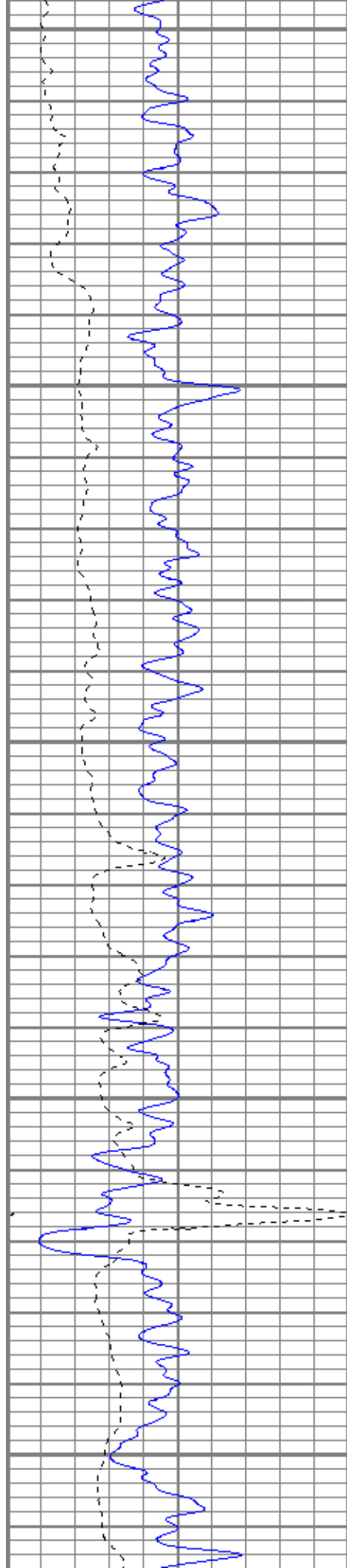
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2500





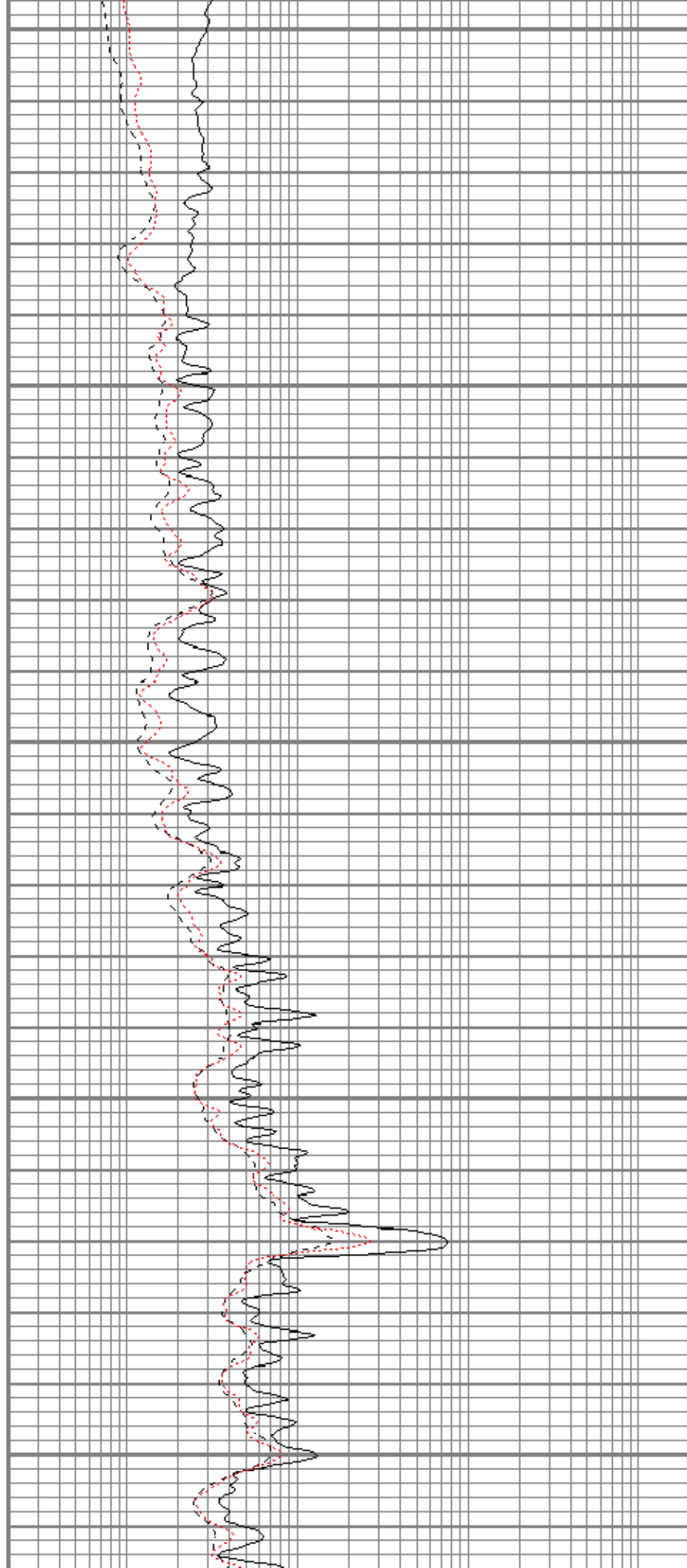
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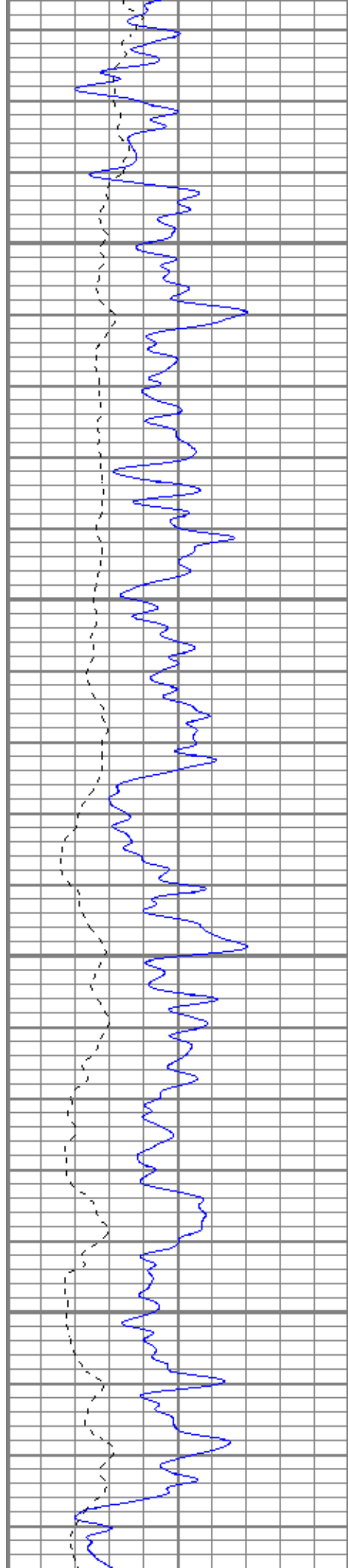
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2750



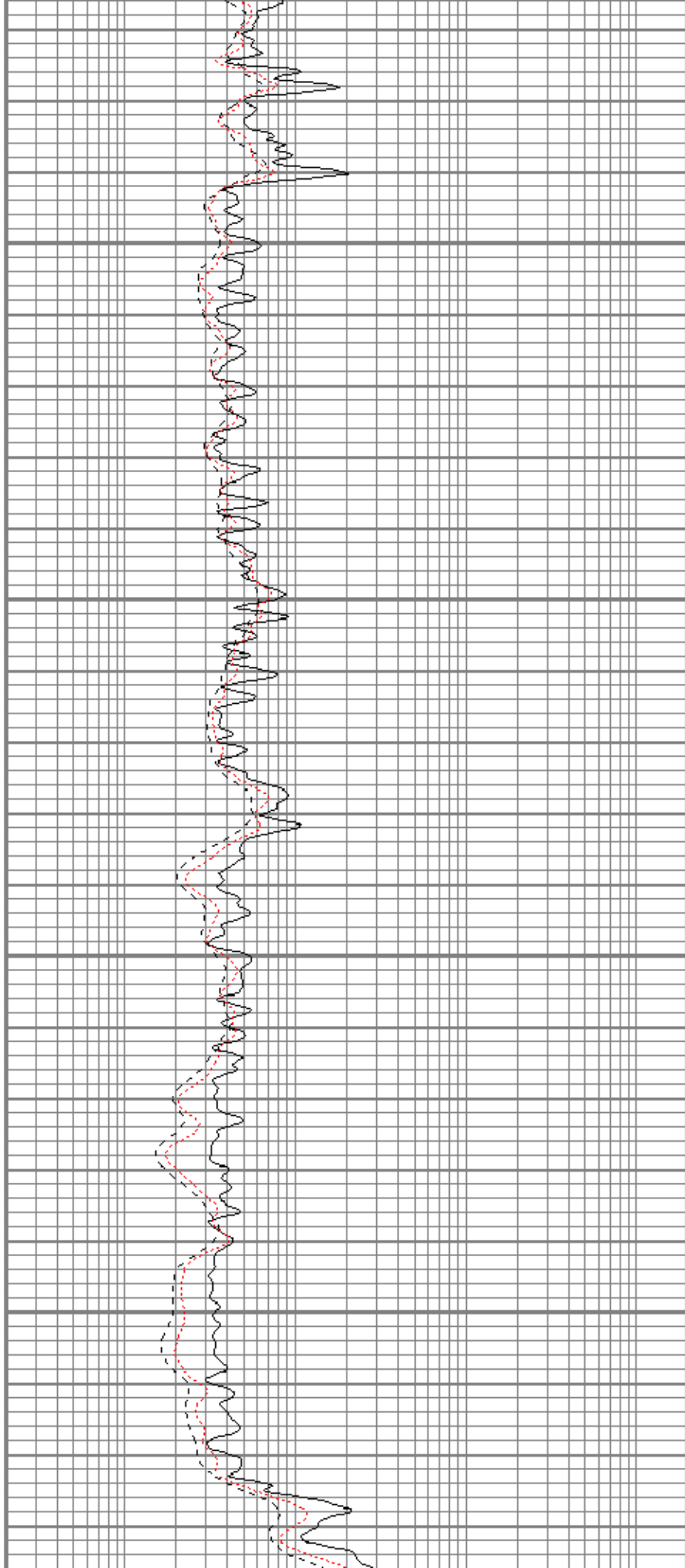


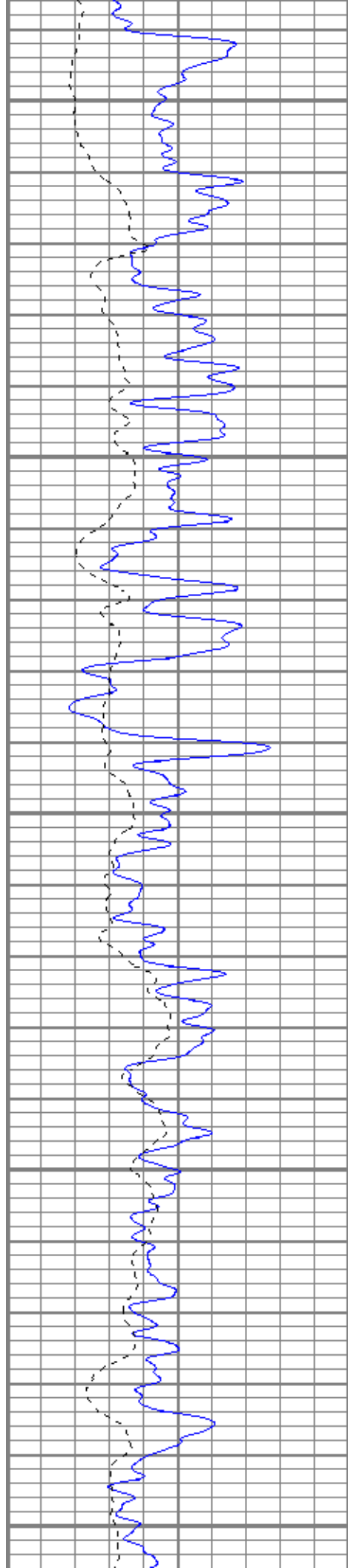
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2950





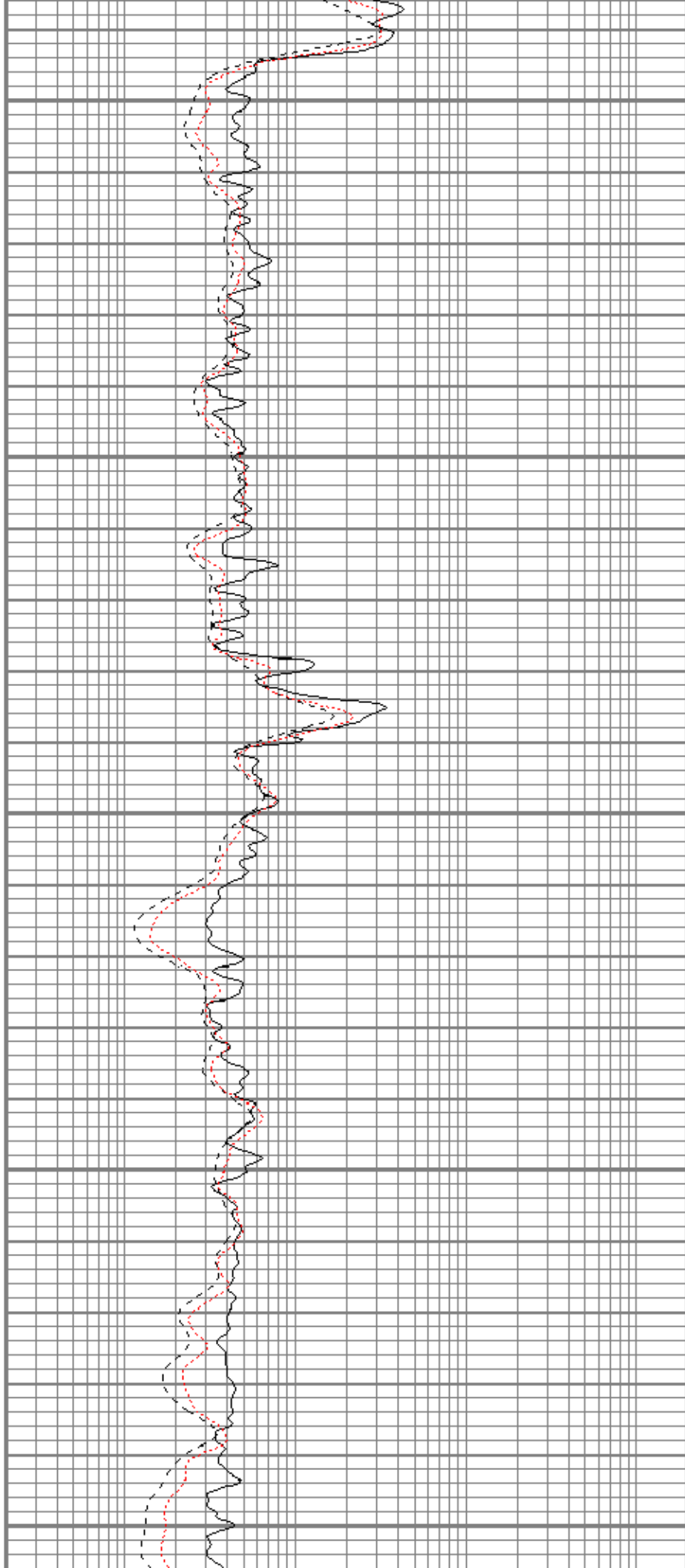
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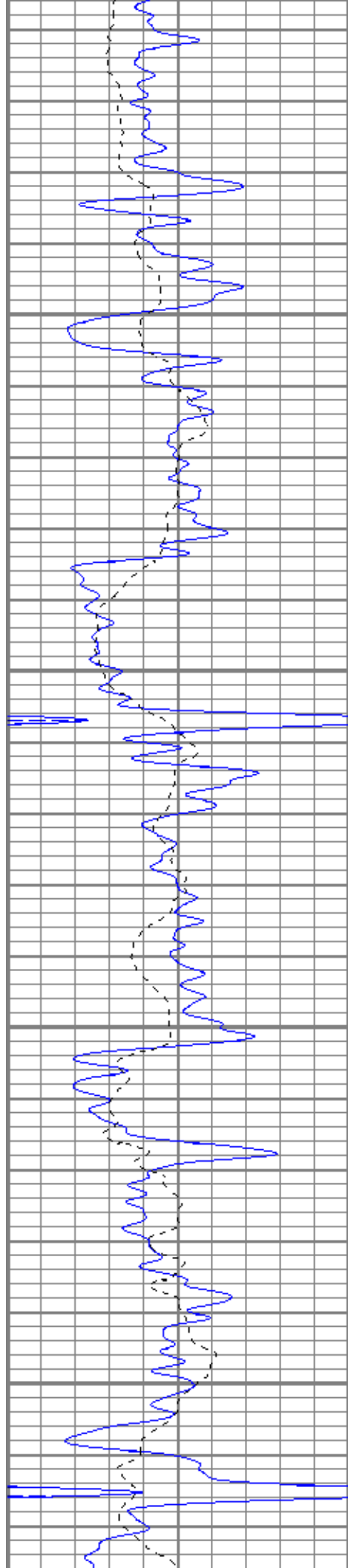
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3150

3200



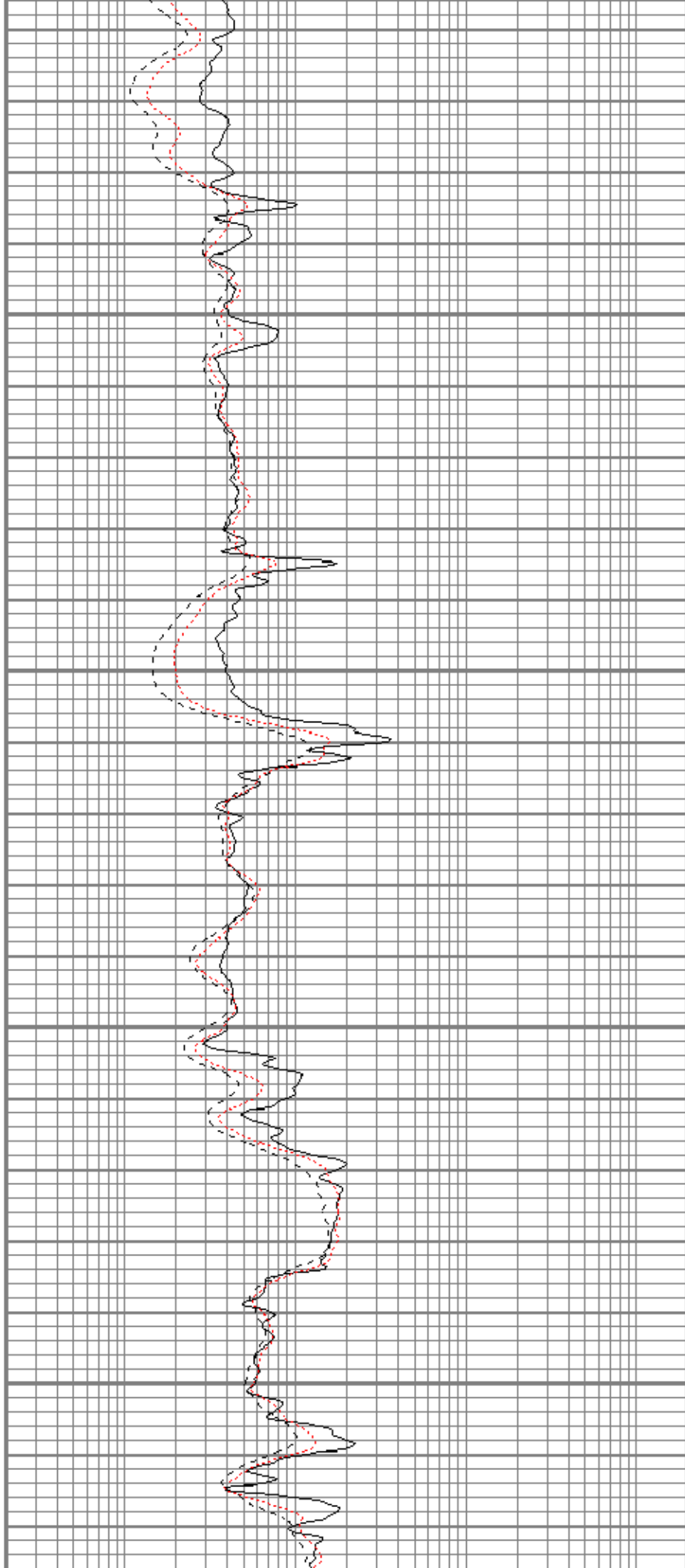


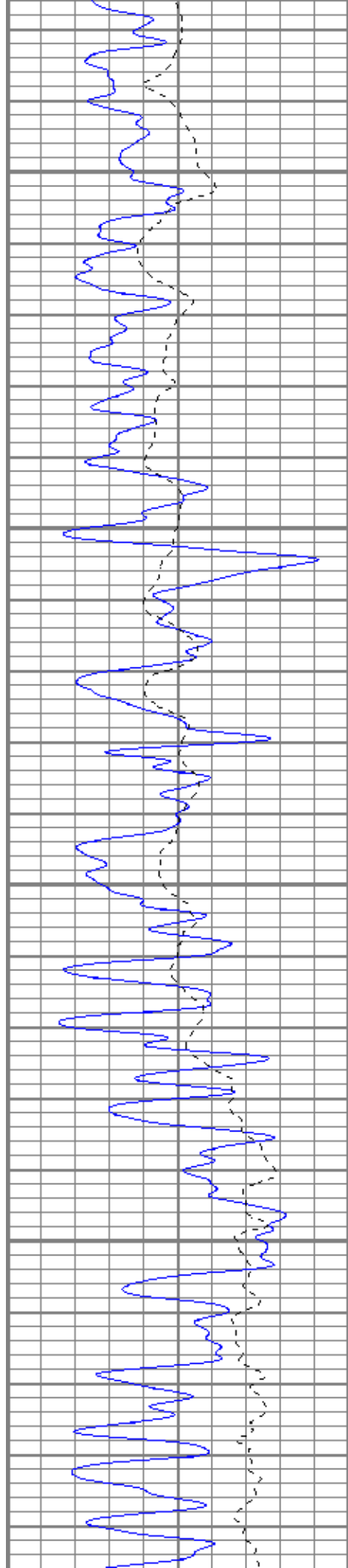
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3400



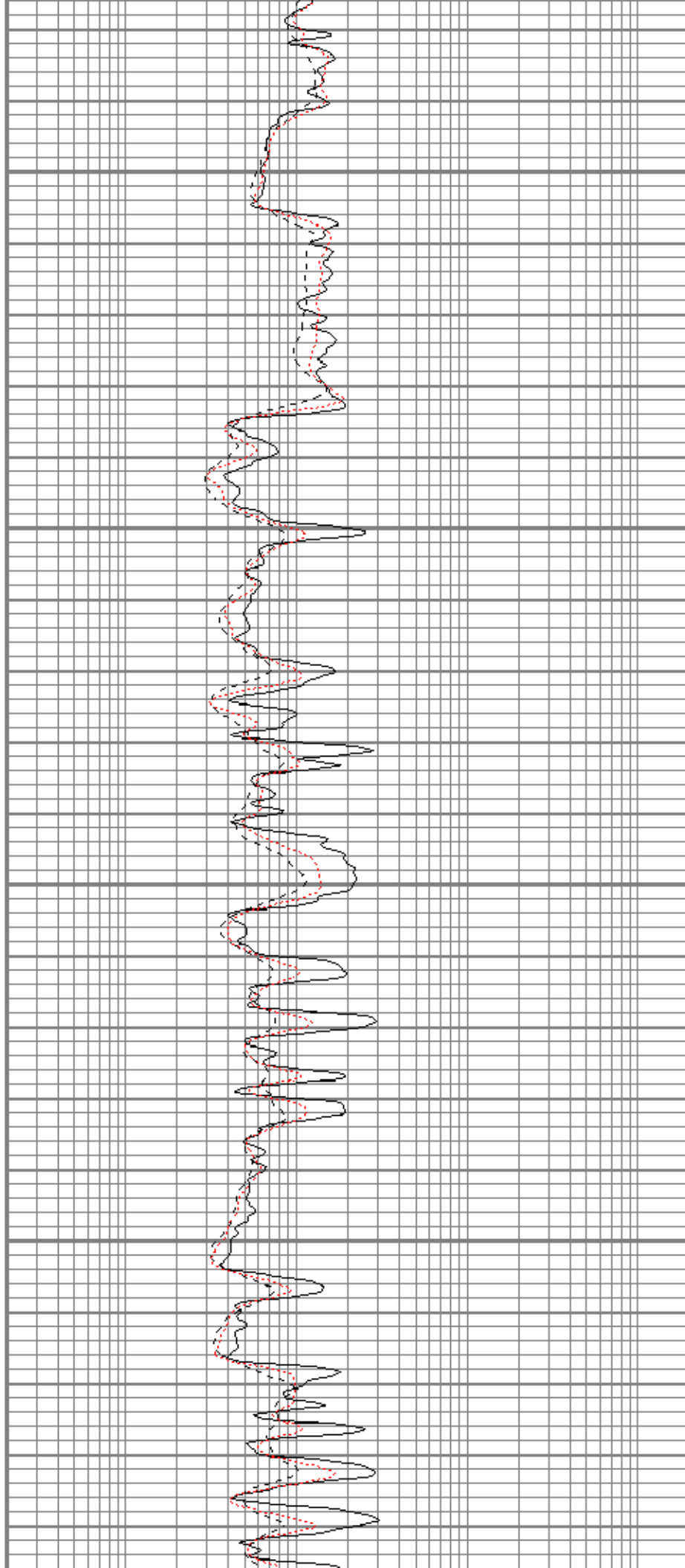


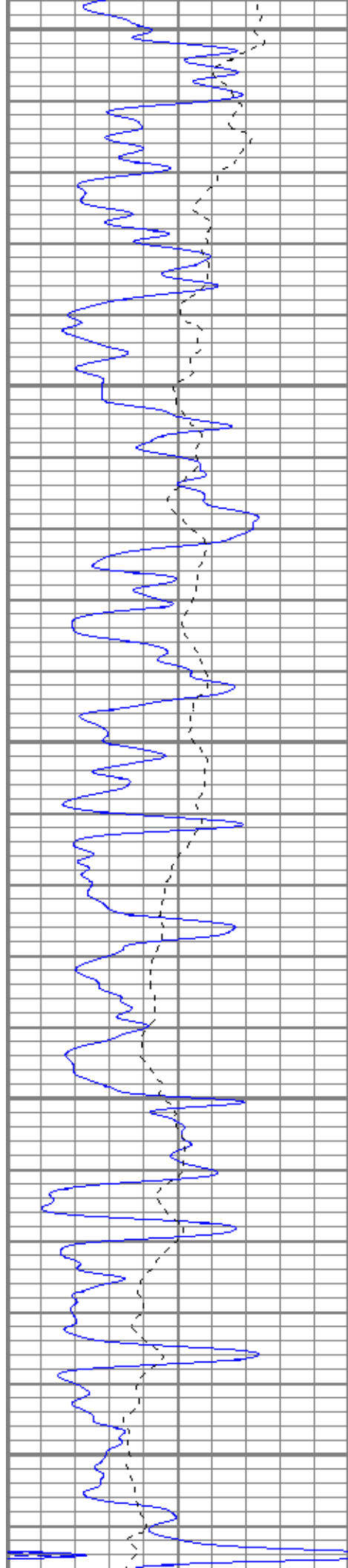
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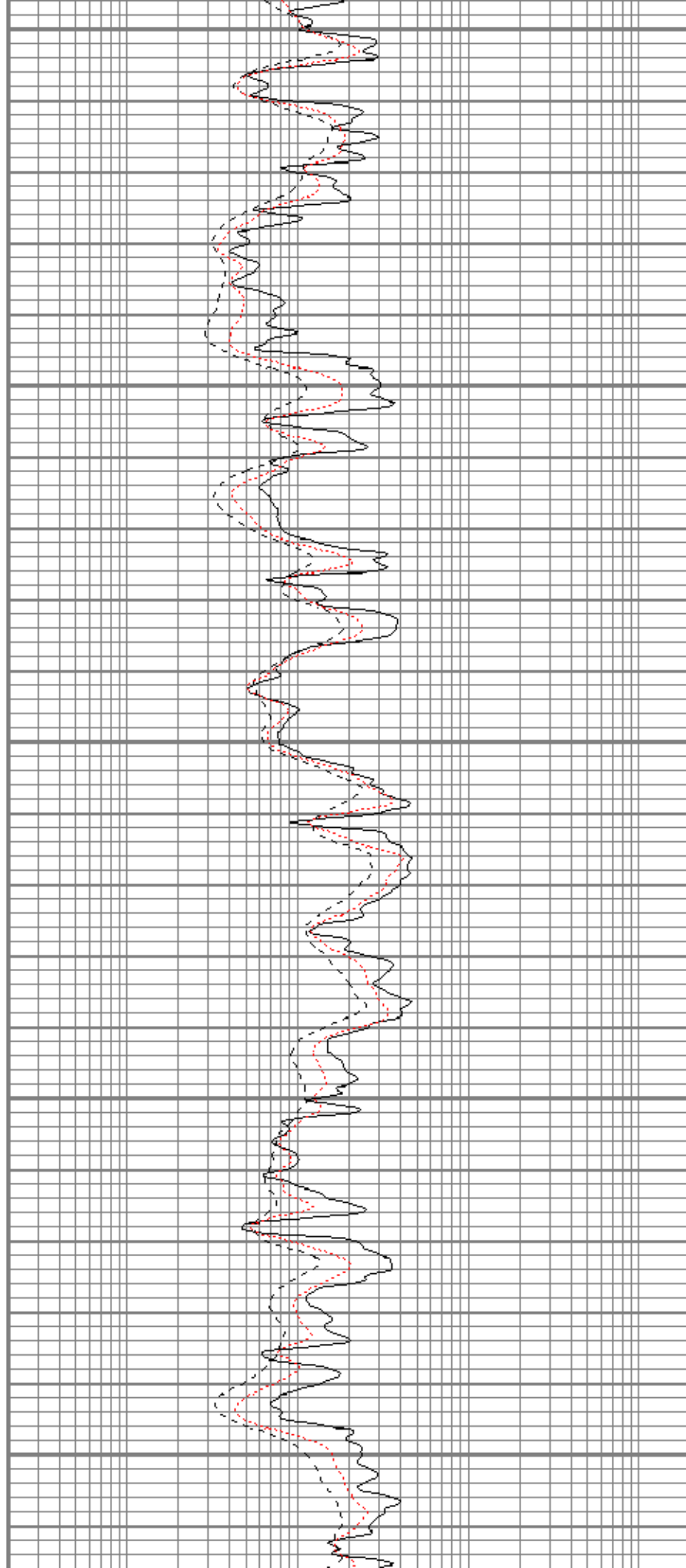
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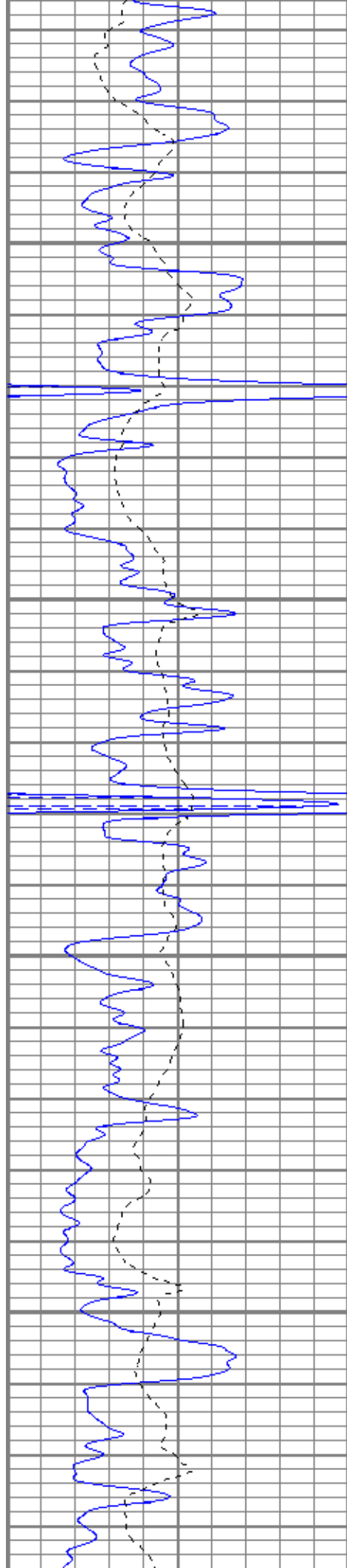
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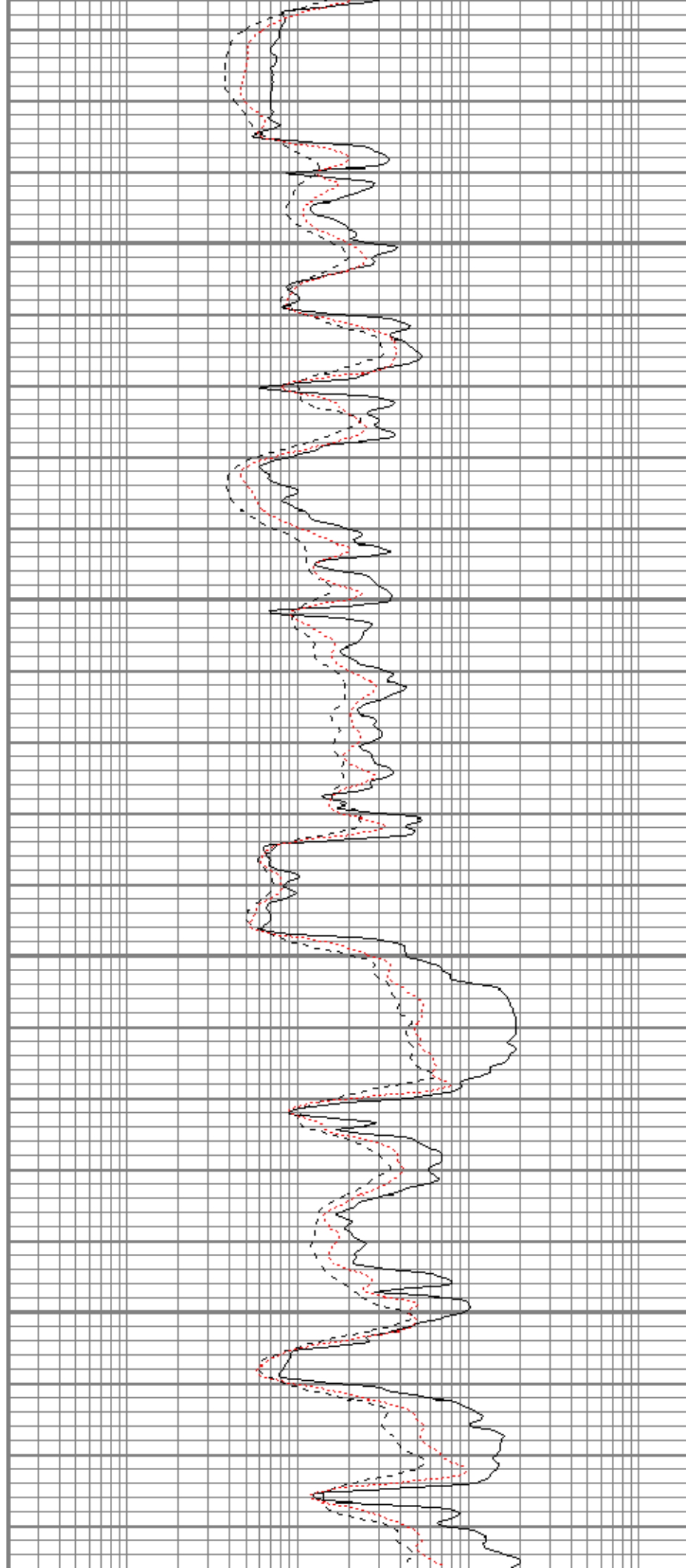


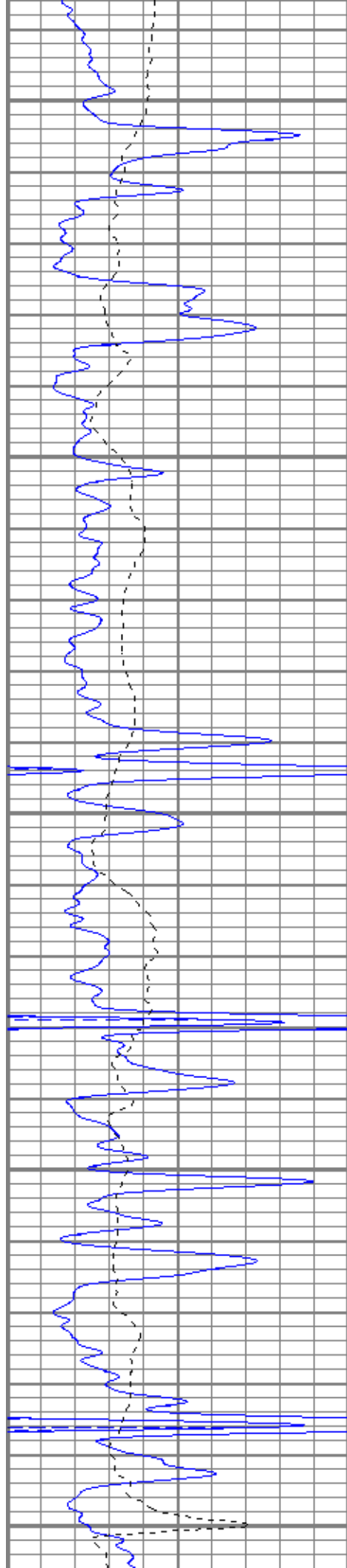
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4050





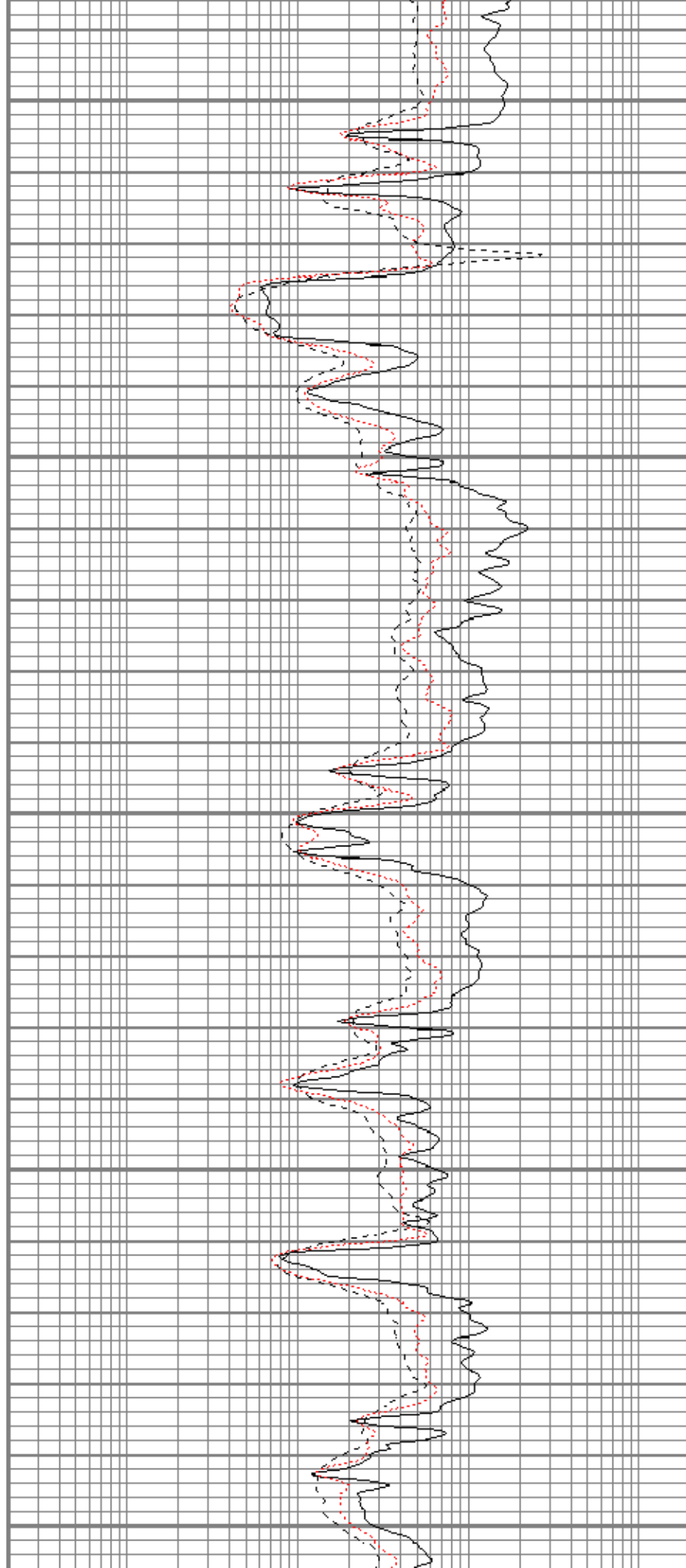
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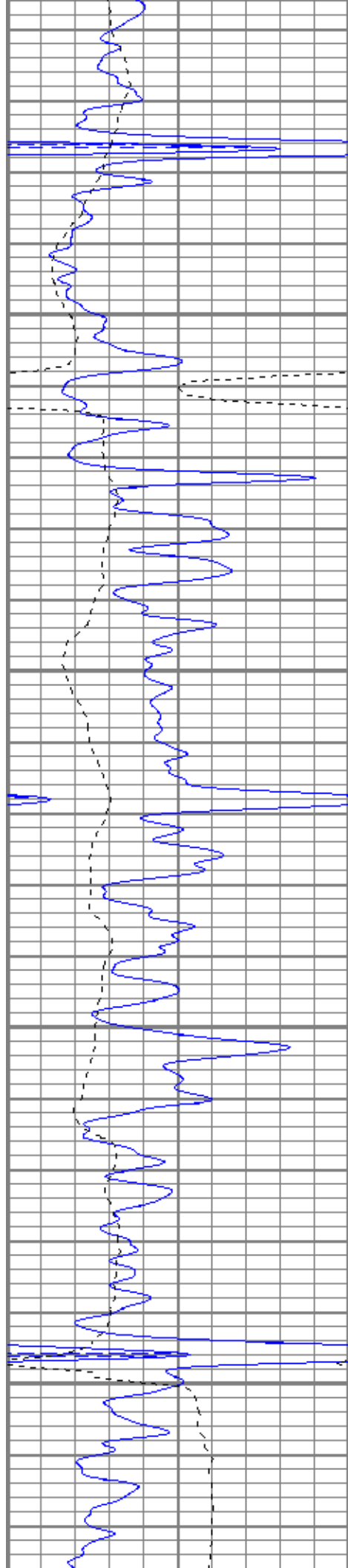
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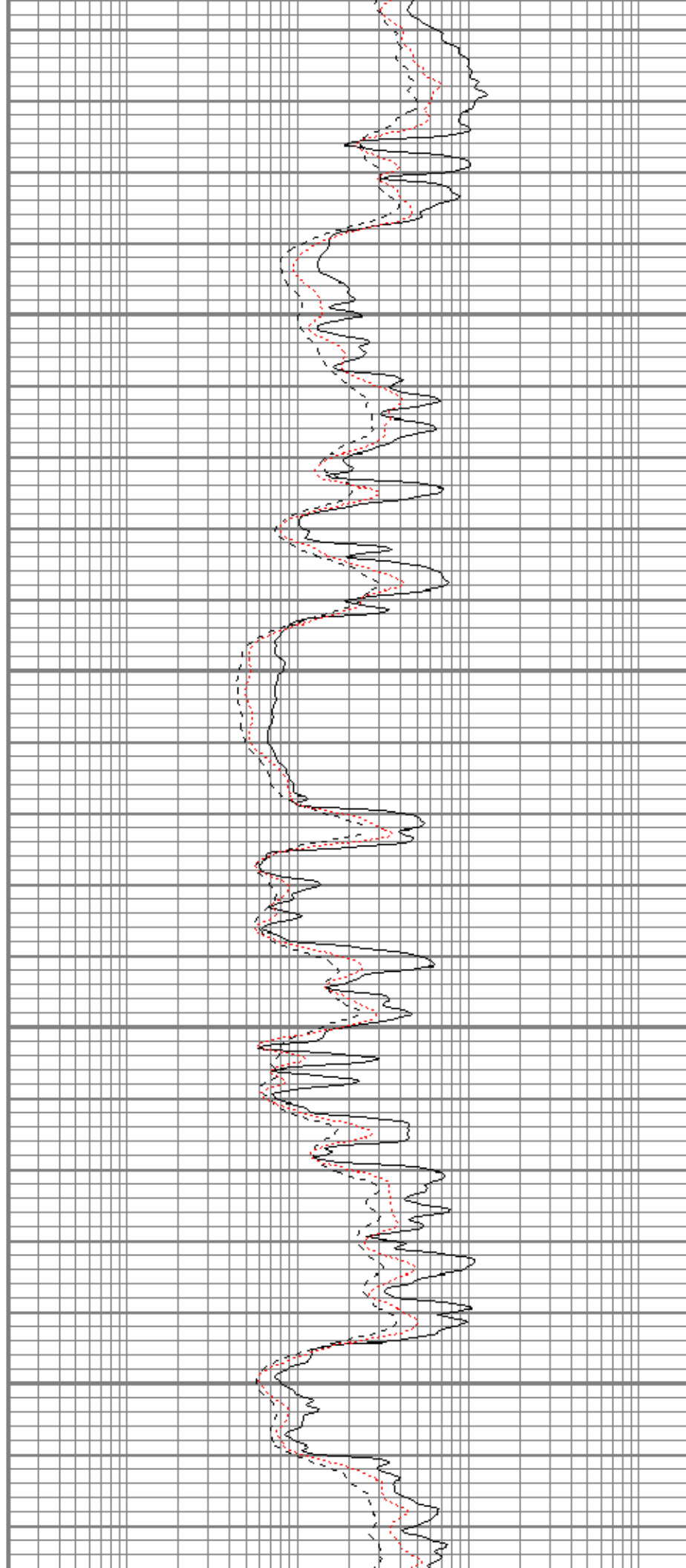


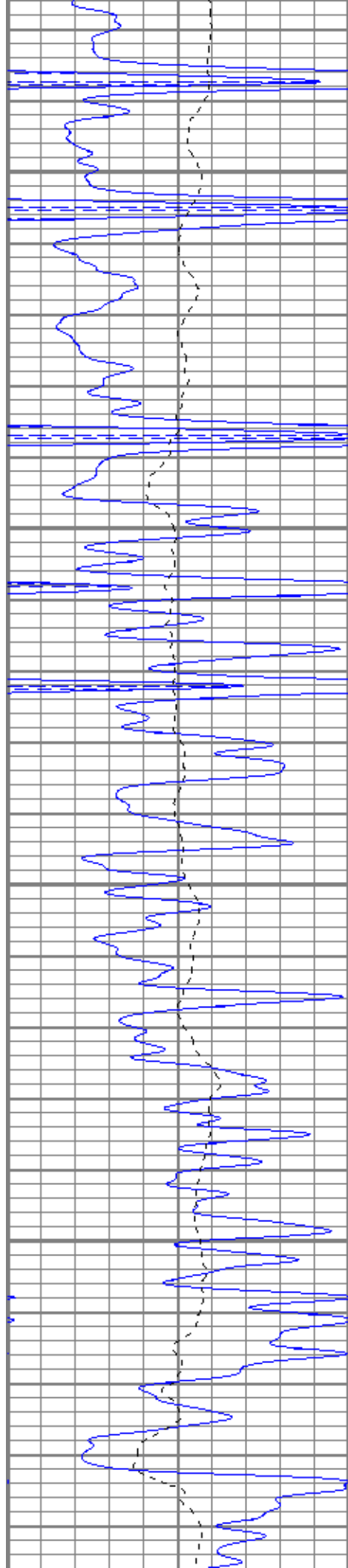
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4500



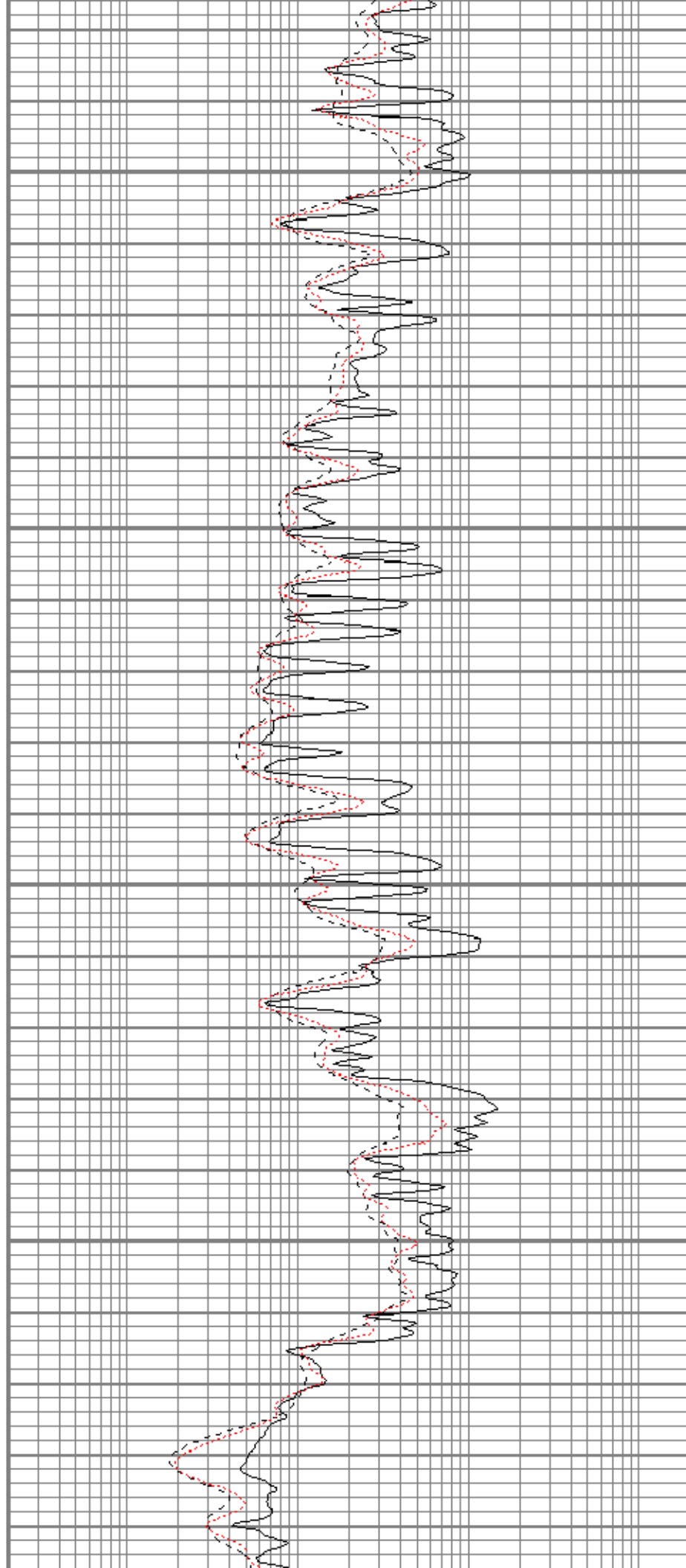


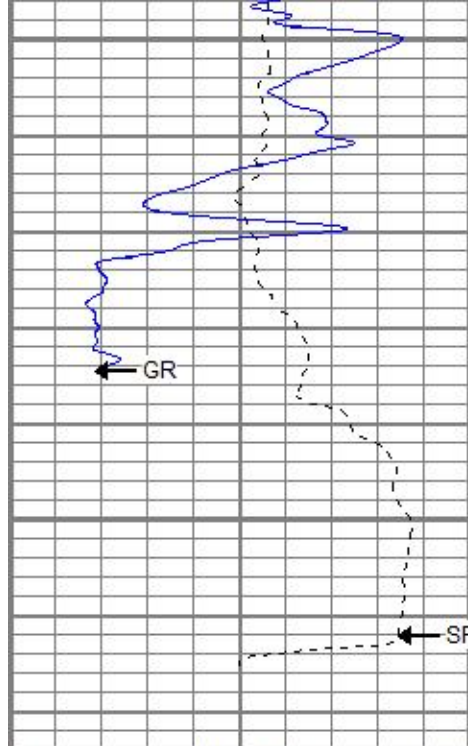
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4700

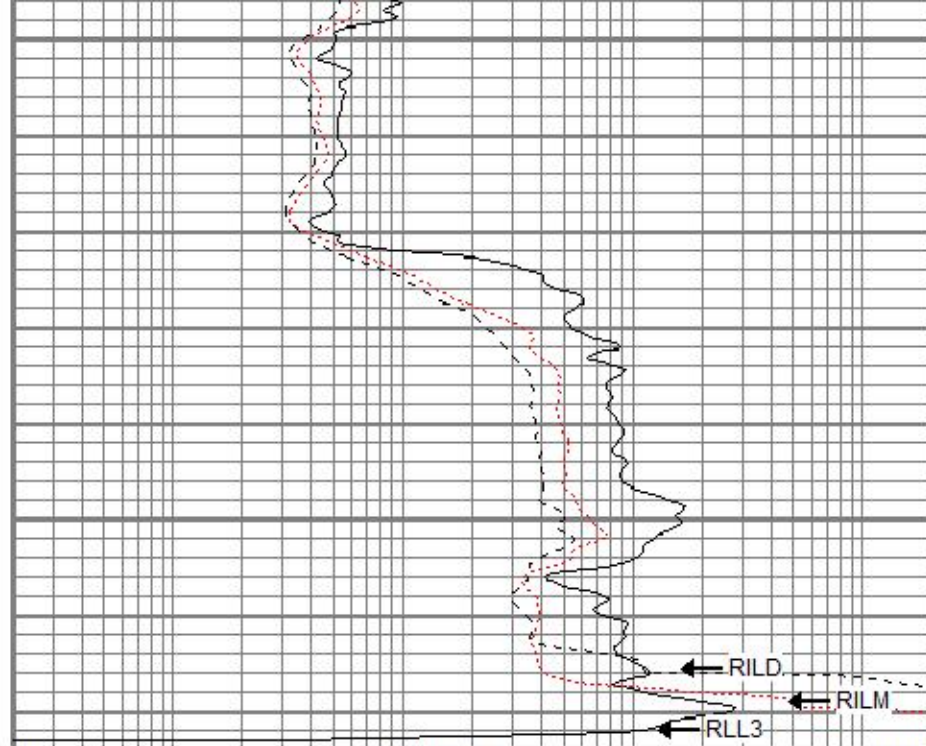




4750

4800

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

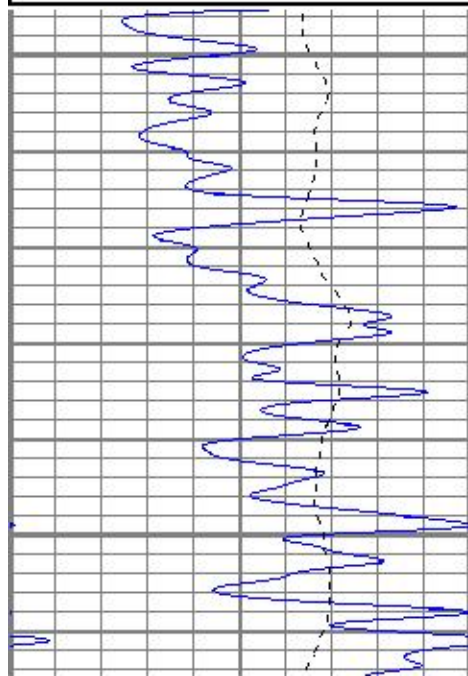


Repeat Pass

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 Presentation Format: kdil
 Dataset Creation: Thu Jul 28 18:05:20 2016
 Charted by: Depth in Feet scaled 1:240

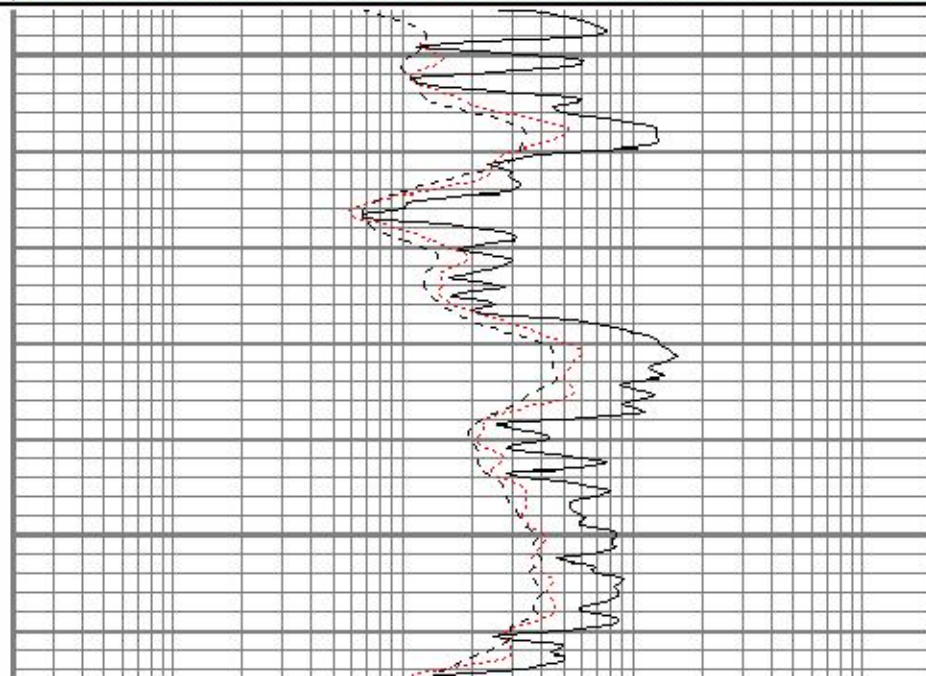
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-100	SP (mV)	100

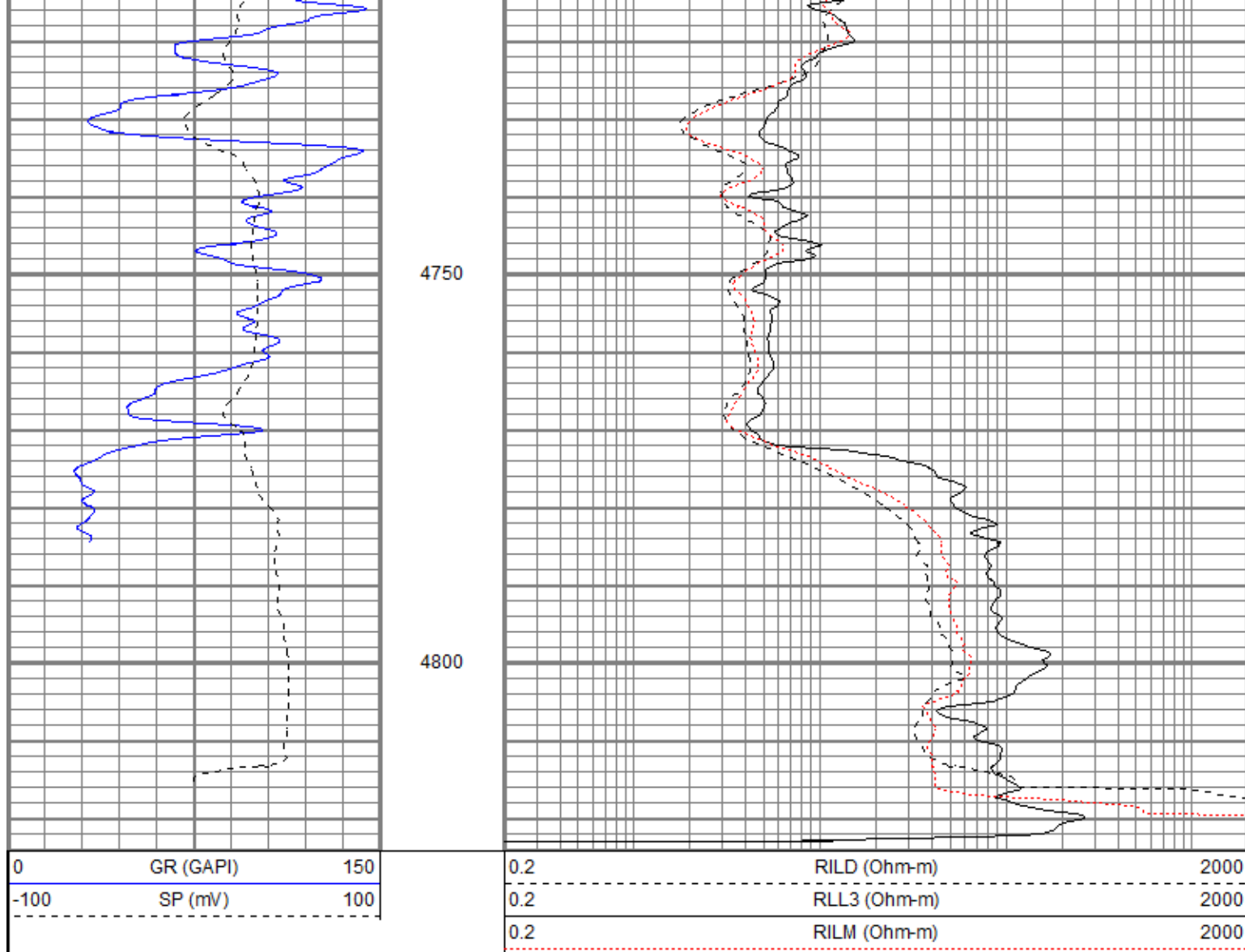
0.2	RILD (Ohm-m)	2000
0.2	RLL3 (Ohm-m)	2000
0.2	RILM (Ohm-m)	2000



4650

4700





Calibration Report								
Database File	ppbakerhaunit#1oh.db							
Dataset Pathname	pass1.1							
Dataset Creation	Thu Jul 28 18:05:20 2016							
Dual Induction Calibration Report								
Serial-Model:			1842-ADM					
Surface Cal Performed:			Tue Jun 28 11:52:02 2016					
Downhole Cal Performed:			Fri Aug 07 23:09:02 2015					
After Survey Verification Performed:			Fri Aug 07 23:09:00 2015					
Surface Calibration								
		Readings		References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.014	0.660	V	0.000	350.000	mmho/m	541.845	-7.742
Medium	0.003	0.761	V	0.000	400.000	mmho/m	527.924	-1.569
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.013	0.663	V	0.000	350.000	mmho/m	538.740	-6.964
Medium	0.003	0.761	V	0.000	550.000	mmho/m	726.060	-2.265
Downhole Calibration								
		Readings		References			Results	

Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.857	351.396	mmho/m	-0.737	351.280	mmho/m	0.999	0.118
Medium	0.187	400.090	mmho/m	0.077	399.987	mmho/m	1.000	-0.110
Shallow	2.543	0.024	V	500.000	2.000	Ohm-m	197.760	-3.000

After Survey Verification								
	Readings			Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.857	351.396	mmho/m	0.999	0.118
Medium	0.000	0.000	mmho/m	0.187	400.090	mmho/m	1.000	-0.110
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Neutron Calibration Report

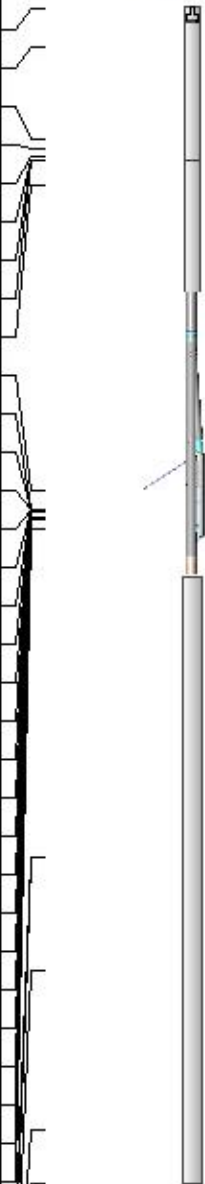
Gamma Ray Calibration Report

Temperature Calibration Report

	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

	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)
PSTAT	38.23		CHD-STD	0.50	1.69	1.00
GR	36.95		ADT1PULSE-A (1) Pulsed Interface Tool #1	0.83	3.50	10.00
TEMP	33.98		ADT1ADC-A (1) Analog Interface #1	0.83	3.50	10.00
ASTAT	33.69		ADT1SENSORS-A (1)	4.54	3.50	10.00
GRD	33.44		NEU-Oilex (2301AN)	4.27	3.50	80.00
ACCY	33.27		Oilex 100V NEU			
ACCX	33.27					
SSTAT	33.27					
NEU	32.50					
LStat	22.54					
LS8	21.88		ADT1LITH-A (1) Admyr Litho Density Tool	9.29	3.50	240.00
LS7	21.88					
LS6	21.88					
LS5	21.88					
LS4	21.88					
LS3	21.88					
LS2	21.88					
LS1	21.88					
LSV	21.88					
LSD	21.86					
SSV	21.67					
SS8	21.67					
SS7	21.67		DIL-ADM (1842) Dual Induction	19.71	4.00	300.00
SS6	21.67					
SS5	21.67					
SS4	21.67					
SS3	21.67					
SS2	21.67					
SS1	21.67					
DCAL	21.61					
SSD	21.27					
SP	10.60					
CILD	10.60	Dataset: ppbakerhaunit#1oh.db: field/well/run1/pass1.1				
CILM	6.89	Total length: 38.31 ft				
RLL3	1.70	Total weight: 651.00 lb				
TR Mon	0.00	O.D.: 4.00 in				