



DUAL INDUCTION LOG

Company Prospect Oil & Gas Inc.		Company Prospect Oil & Gas Inc.	
Well	Rose/Sis Unit #1	Well Rose/Sis Unit #1	
Field	Wildcat	Field Wildcat	
County	Rawlins	County Rawlins	
State	Kansas	State Kansas	
Location:		API #: 15 153 21178	
Permanent Datum		Ground Level	
Log Measured From		Elevation	
Drilling Measured From		3086'	
SEC 12 TWP 1S RGE 35W		Other Services	
		BCS	
		CDNL	
		ML	
		Elevation	
		K.B. 3091'	
		D.F. 3090'	
		G.L. 3086'	
Date	9-14-16		
Run Number	One		
Depth Driller	4310'		
Depth Logger	4312'		
Bottom Logged Interval	4310'		
Top Log Interval	250'		
Casing Driller	8 5/8" @ 260'		
Casing Logger	260'		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.3/64		
pH / Fluid Loss	10/8.8		
Source of Sample	Pit		
Rm @ Meas. Temp	2.3@60degf		
Rmf @ Meas. Temp	1.73@60degf		
Rmc @ Meas. Temp	2.76@60degf		
Source of Rmf / Rmc	Calculated		
Rm @ BHT	1.21@114degf		
Time Circulation Stopped	10:00 a.m.		
Time Logger on Bottom	12:15 p.m.		
Maximum Recorded Temperature	114degf		
Equipment Number	T127		
Location	Hays, KS.		
Recorded By	Gus Pfannenstiel		
Witnessed By	Mr. Brad Hutchison		

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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 Atwood to BB Rd., West to 12 Rd.,
North 2 miles, 1/2 East,
South into.

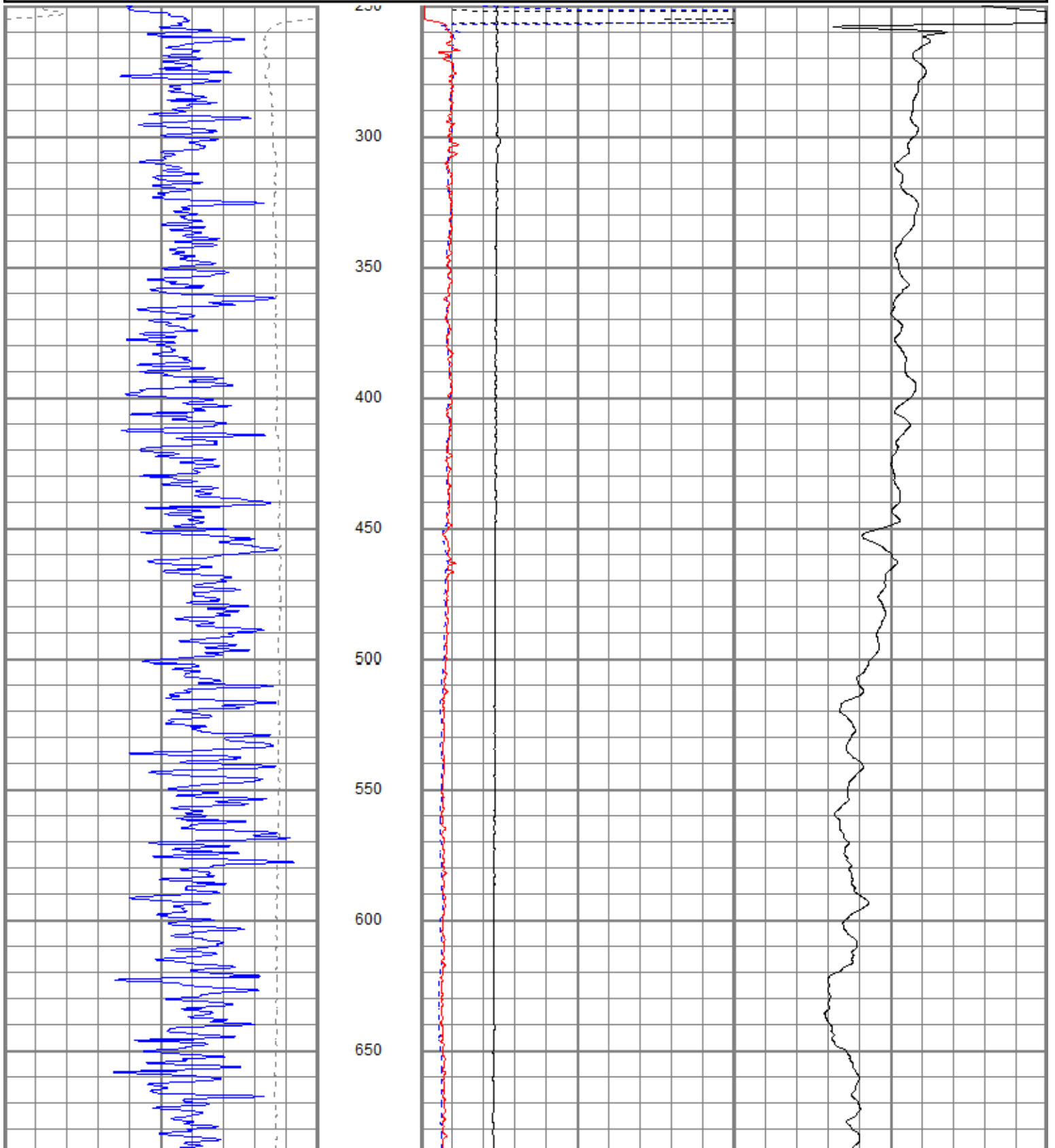


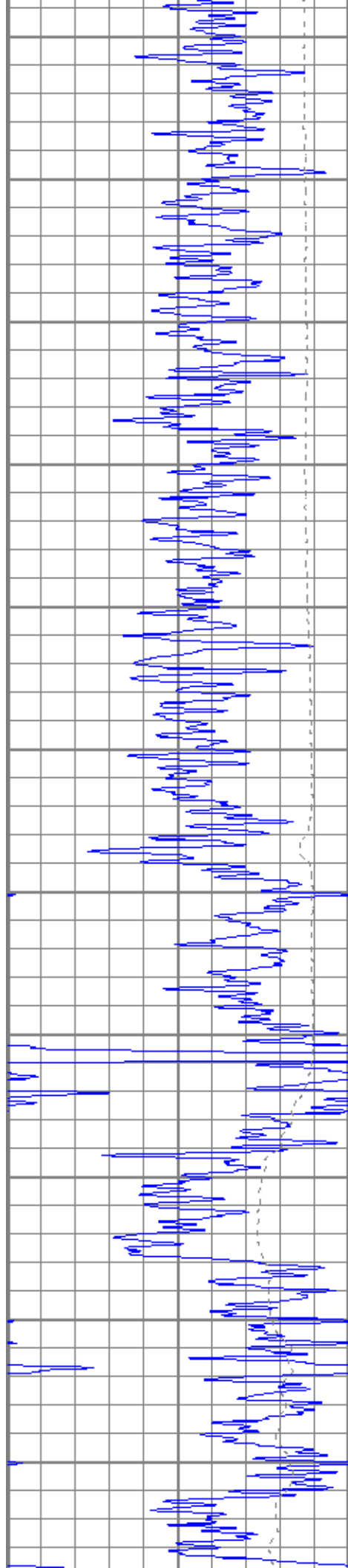
Main Pass

Database File porosisunit#1oh.db
Dataset Pathname pass3.1
Presentation Format kdillin2
Dataset Creation Wed Sep 14 13:05:53 2016
Charted by Depth in Feet scaled 1:600

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

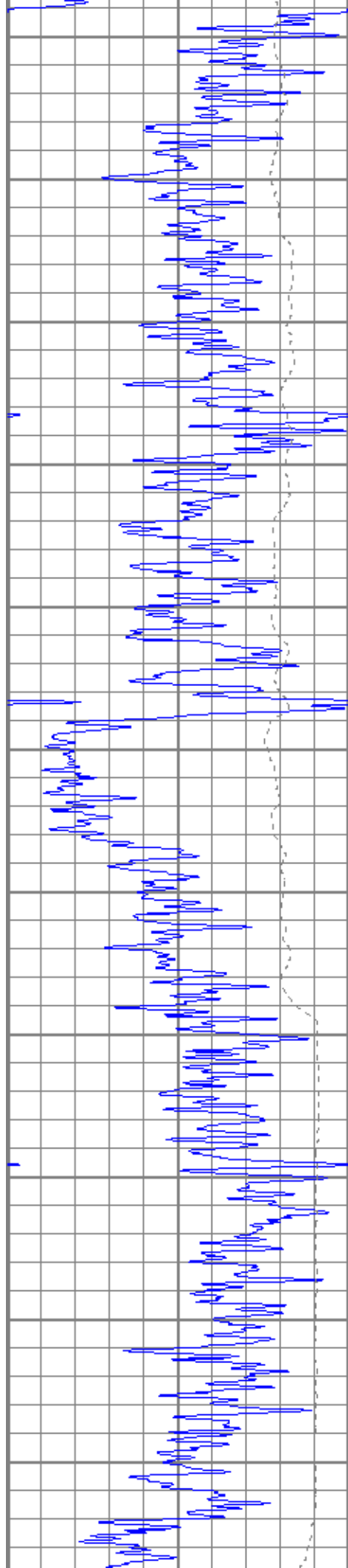
1000	CILD (mmho/m)	0
10000	LTEN (lb)	0
0	RILD (Ohm-m)	50
0	RLL3 (Ohm-m)	50
50	RILD x 10 (Ohm-m)	500
50	RLL3 x 10 (Ohm-m)	500





700
750
800
850
900
950
1000
1050
1100
1150
1200





1250

1300

1350

1400

1450

1500

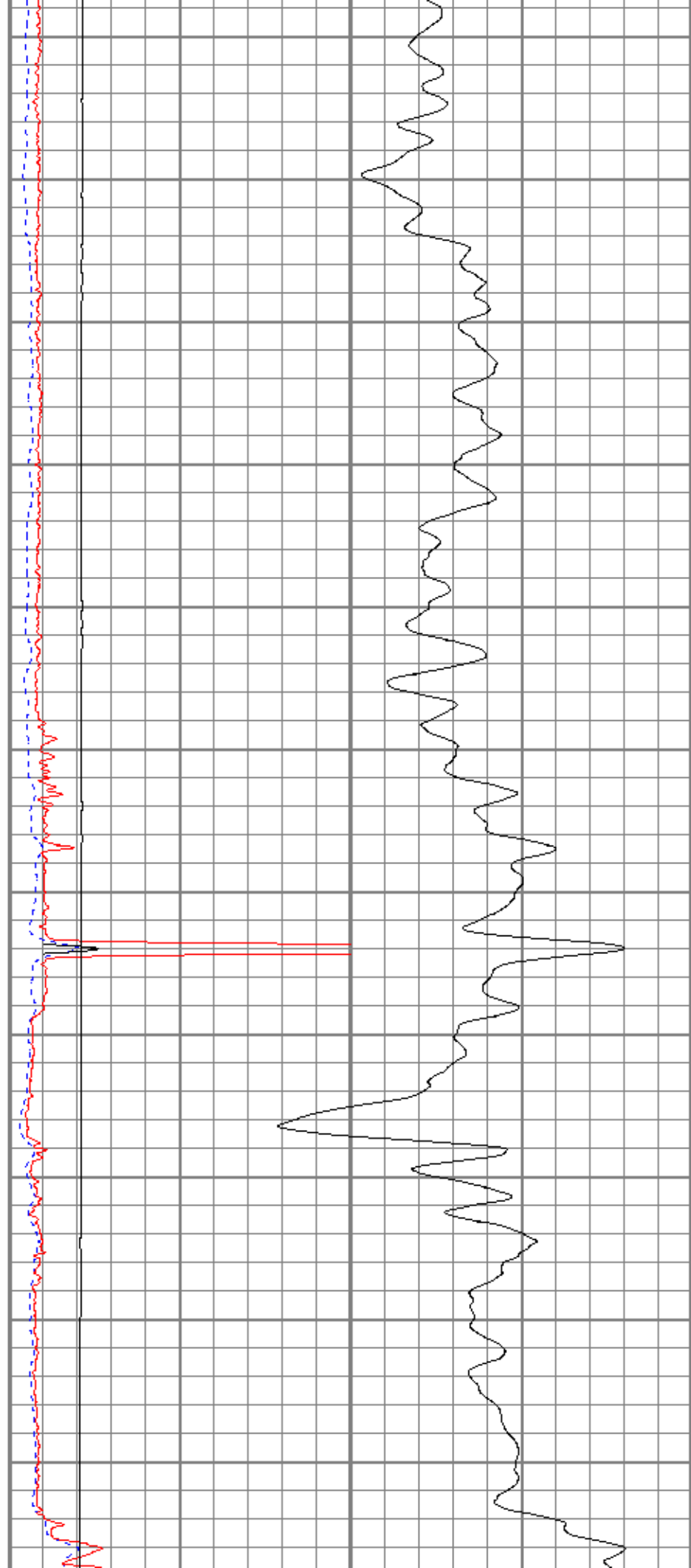
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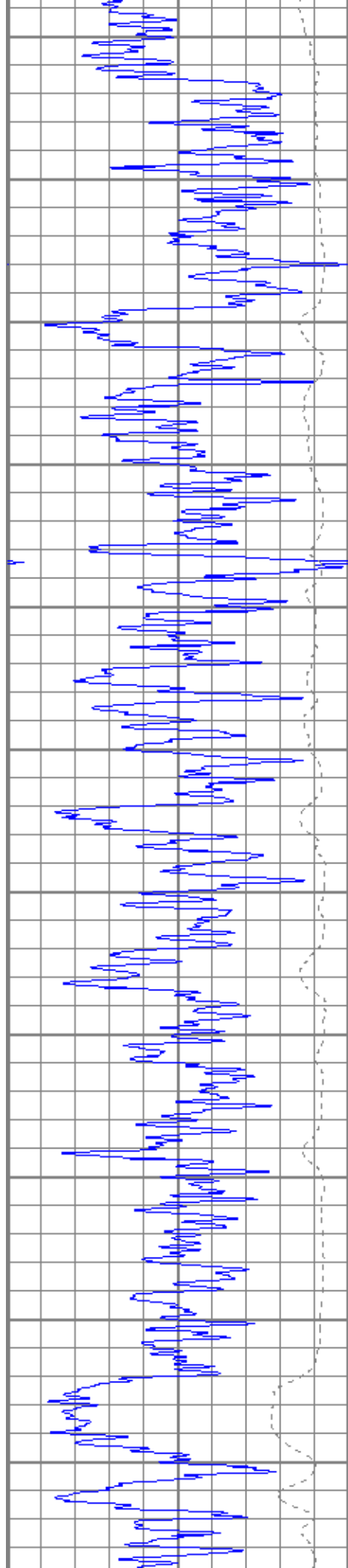
1600

1650

1700

1750





1800

1850

1900

1950

2000

2050

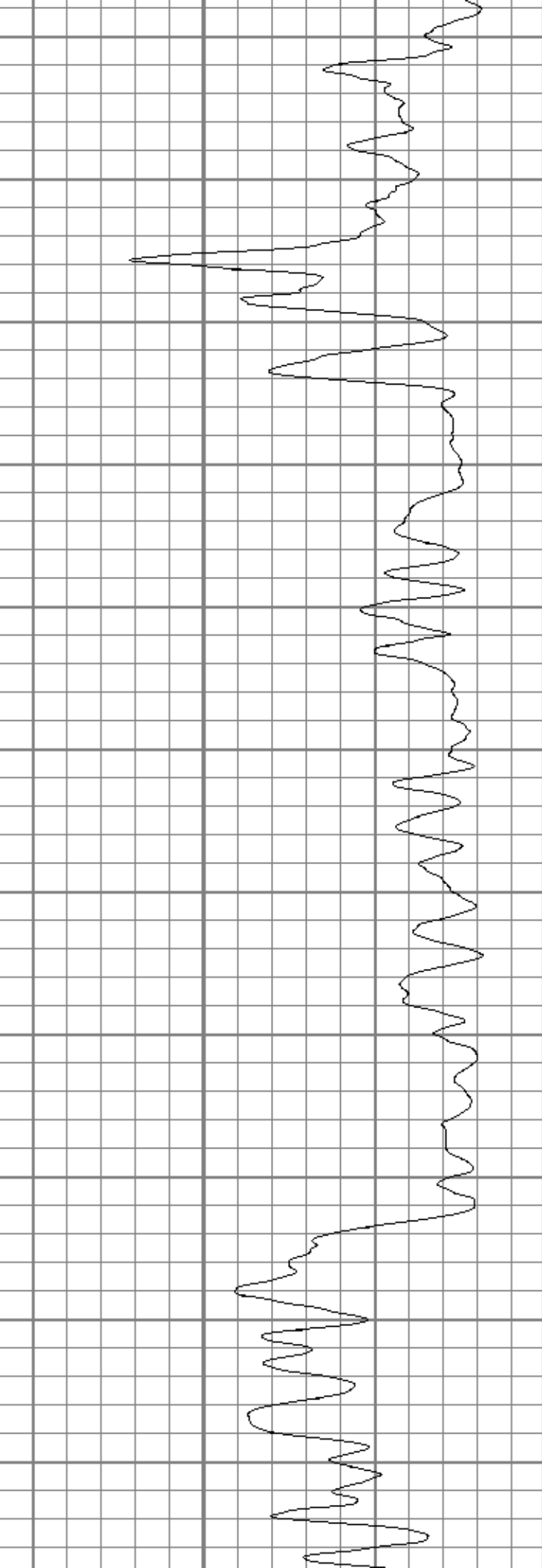
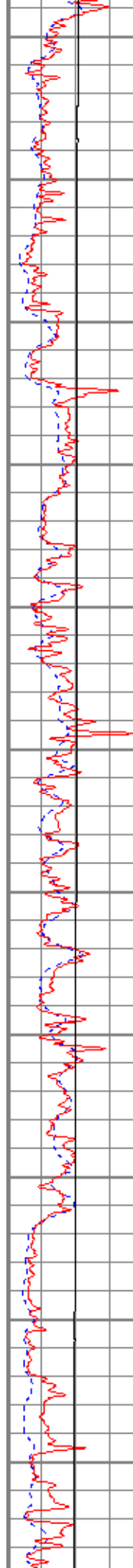
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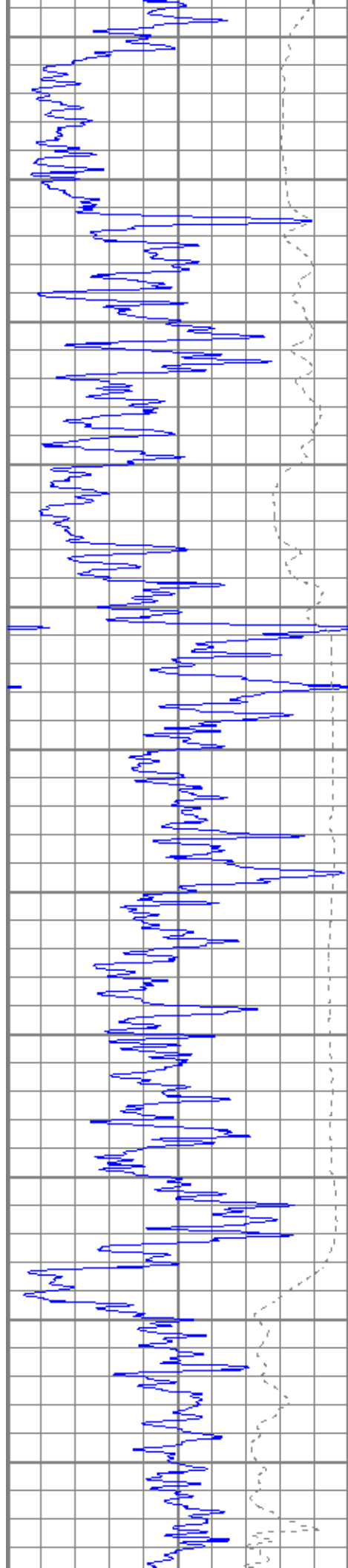
2150

2200

2250

2300





2350

2400

2450

2500

2550

2600

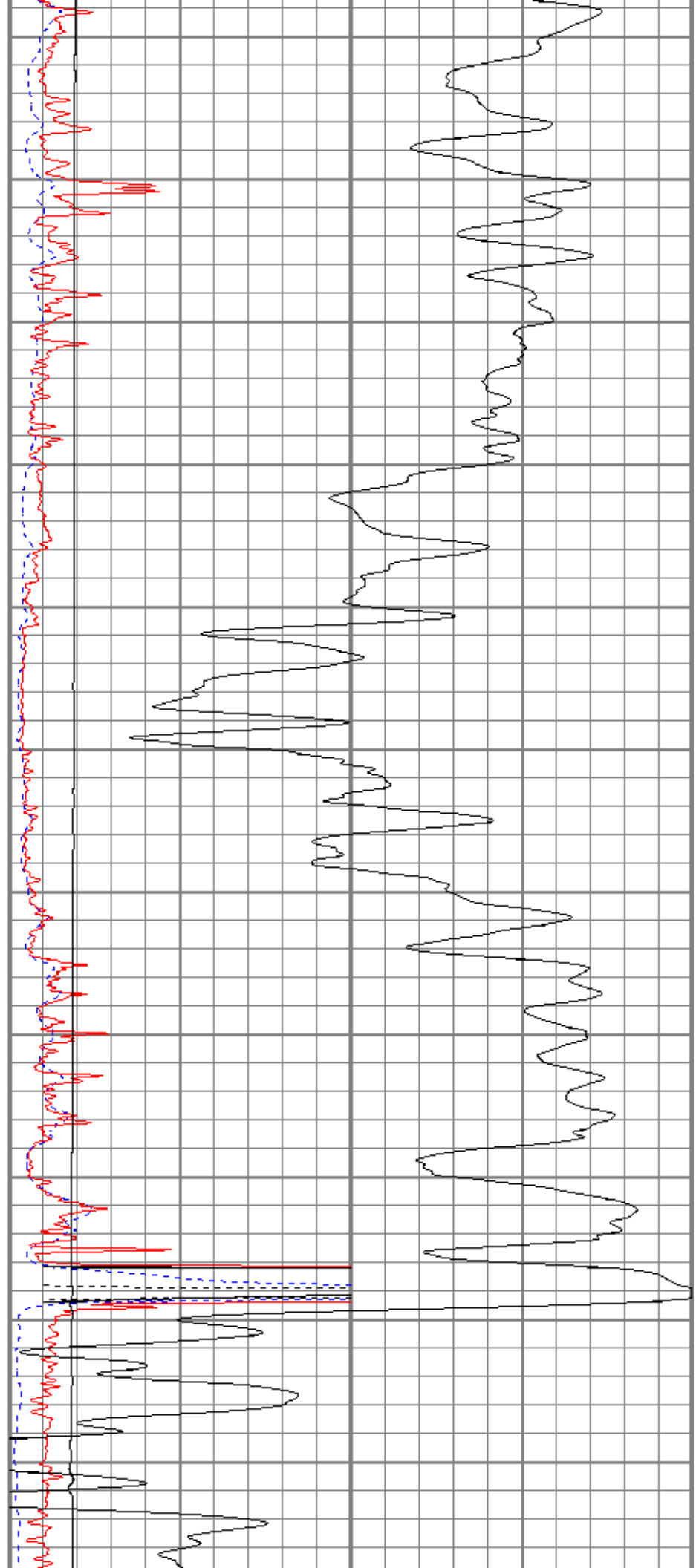
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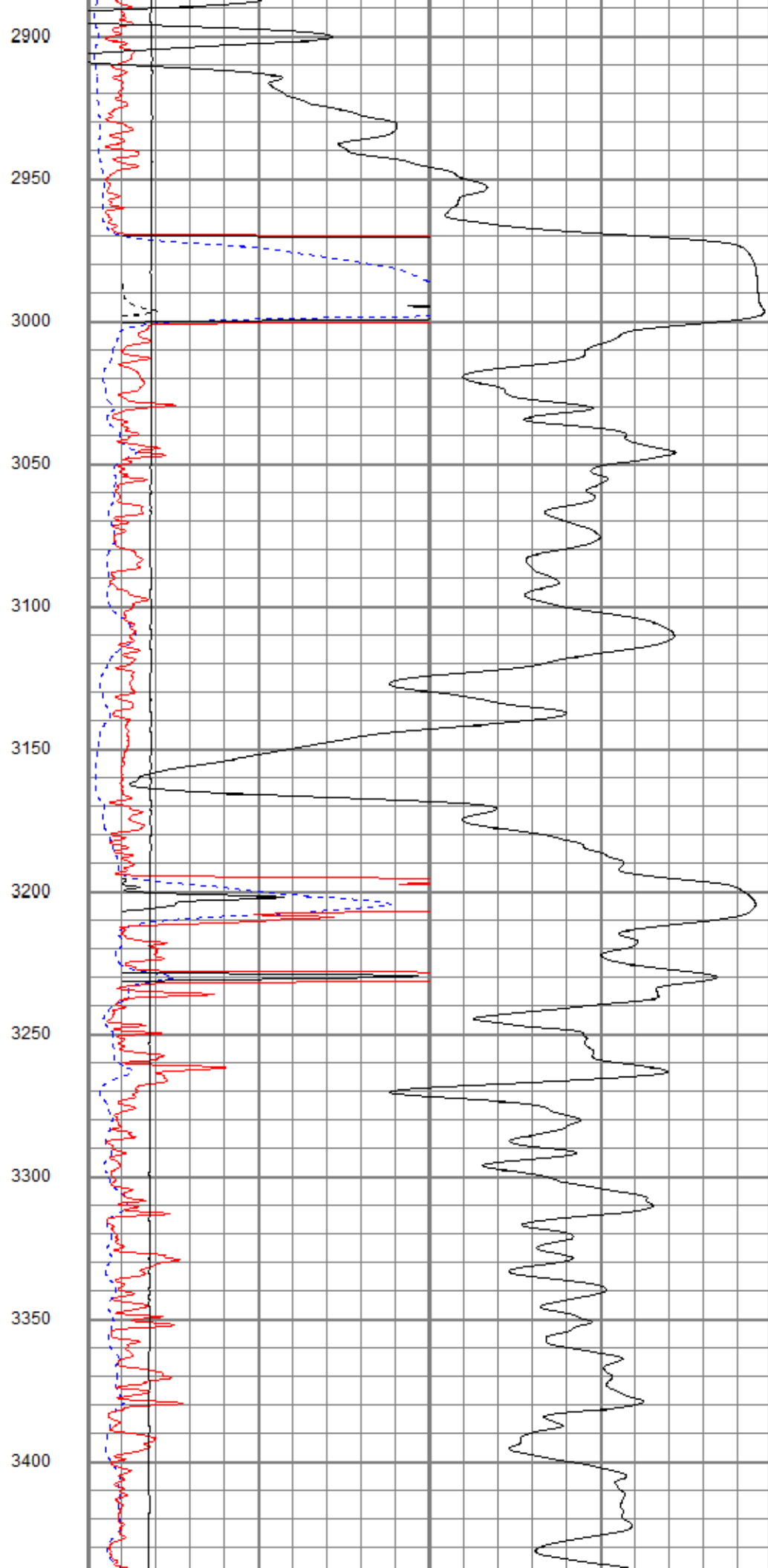
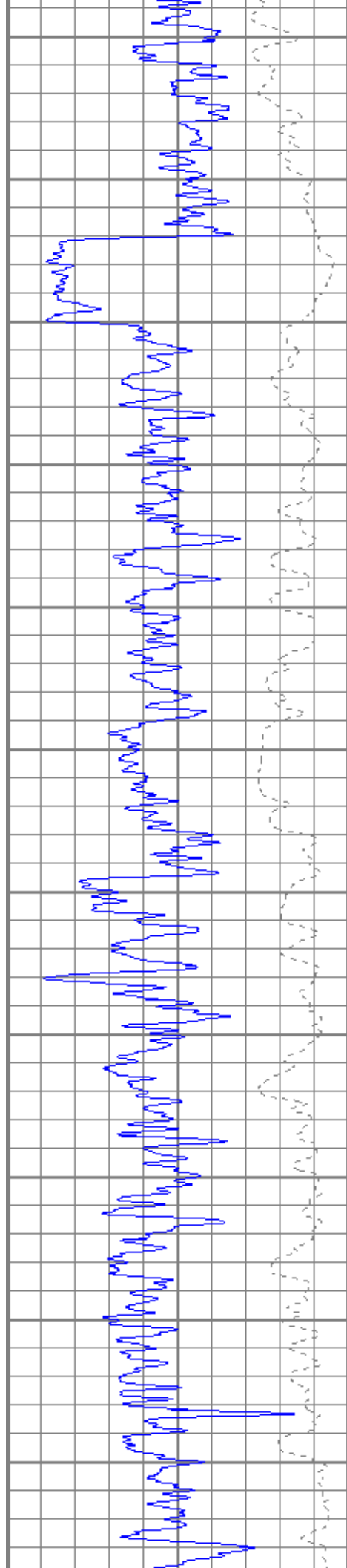
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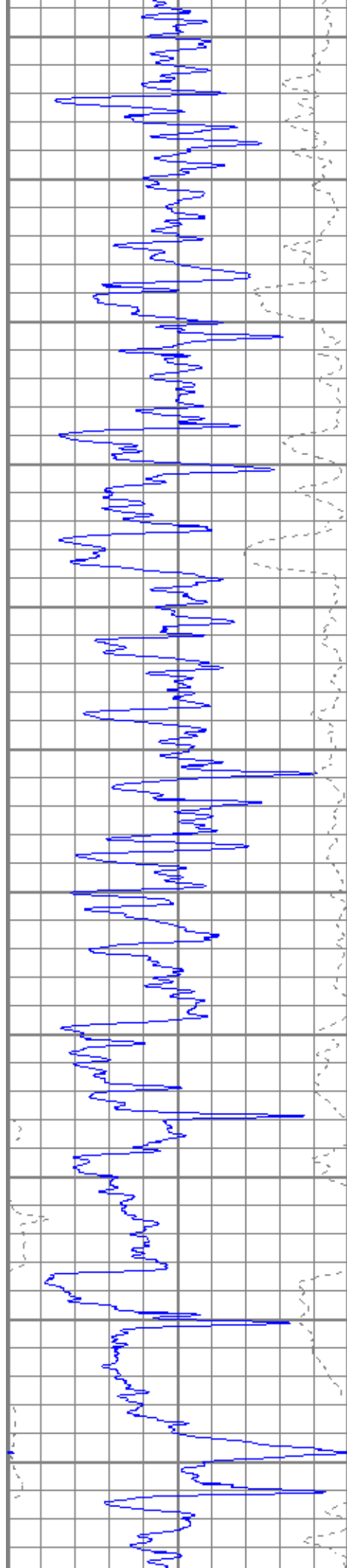
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2800

2850







3450

3500

3550

3600

3650

3700

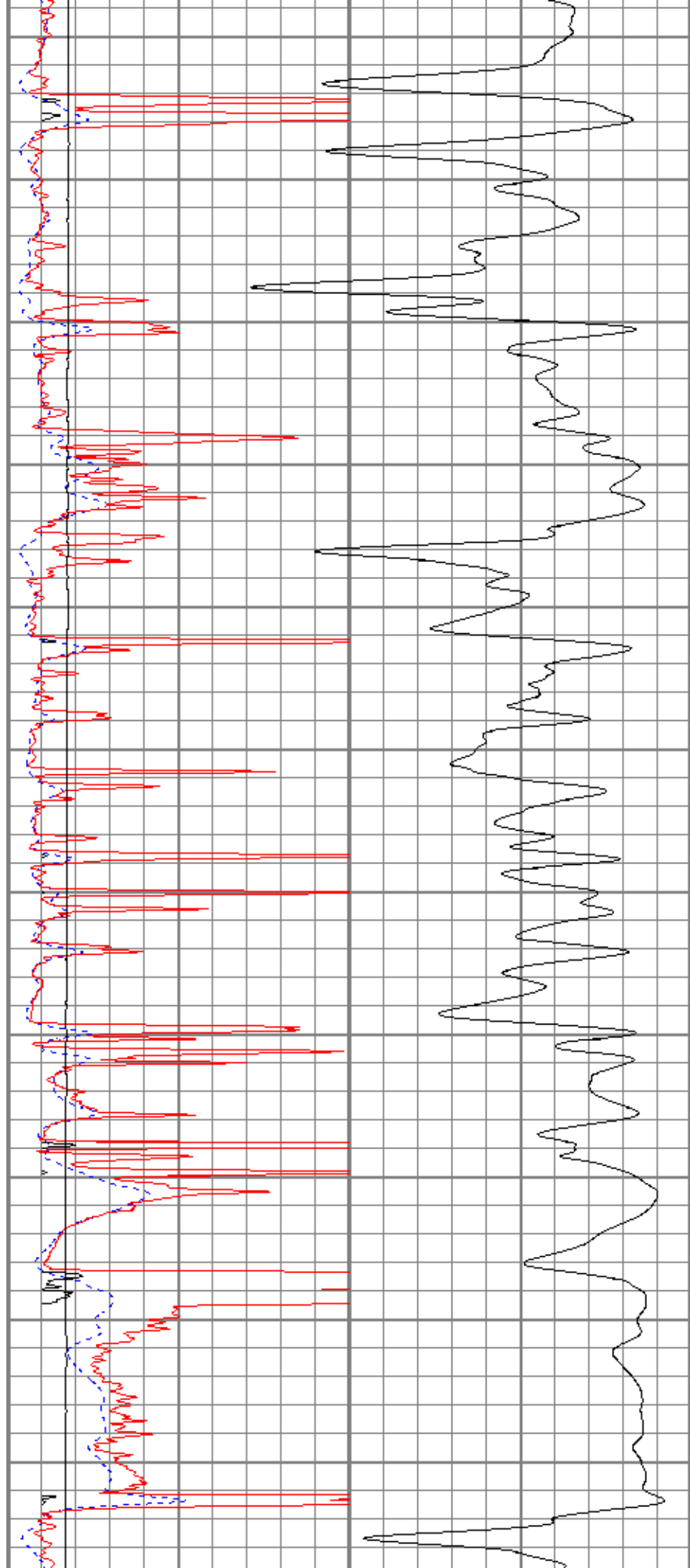
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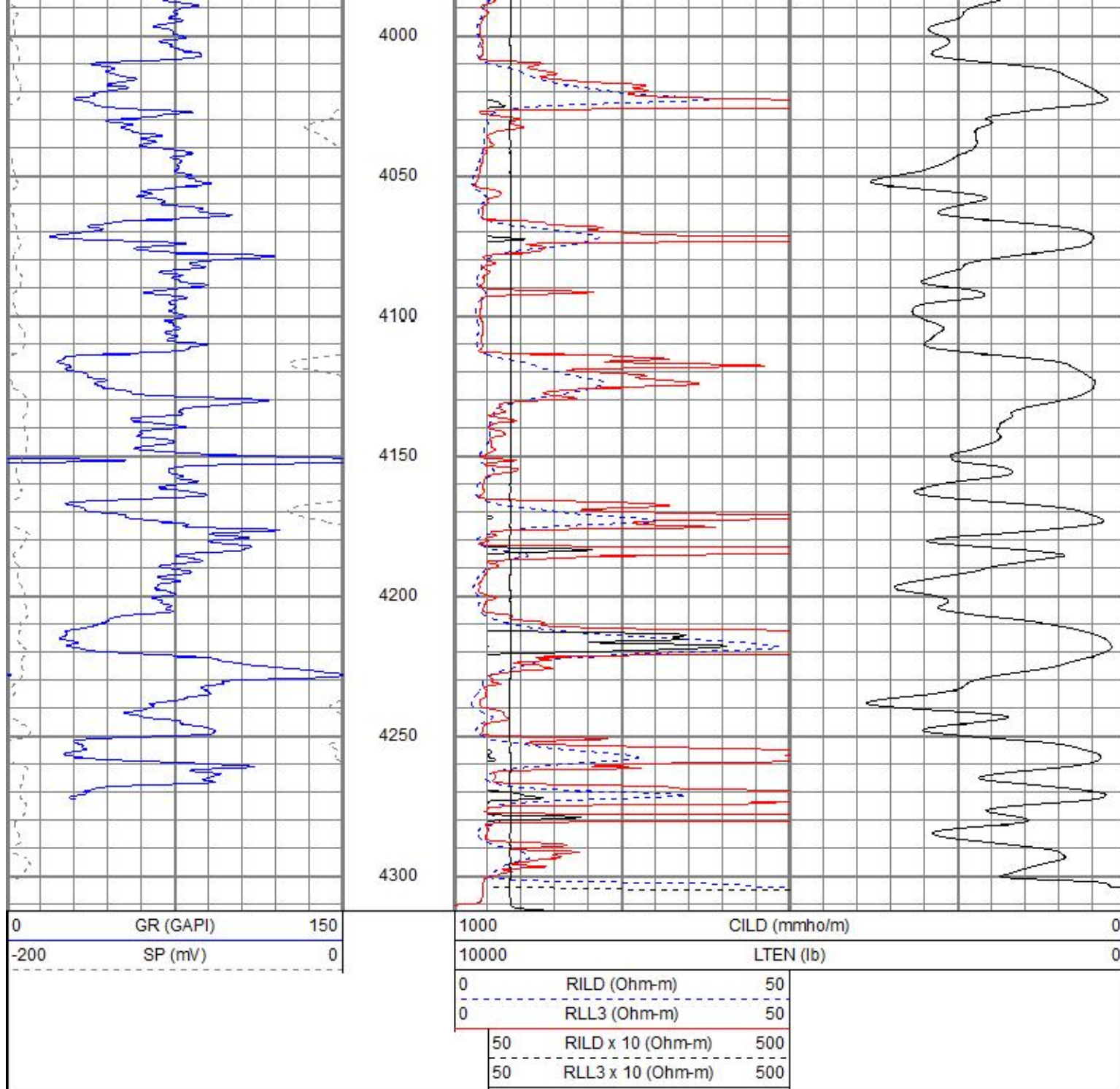
3800

3850

3900

3950





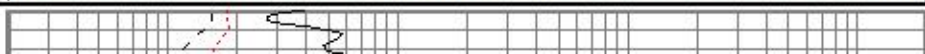
Main Pass

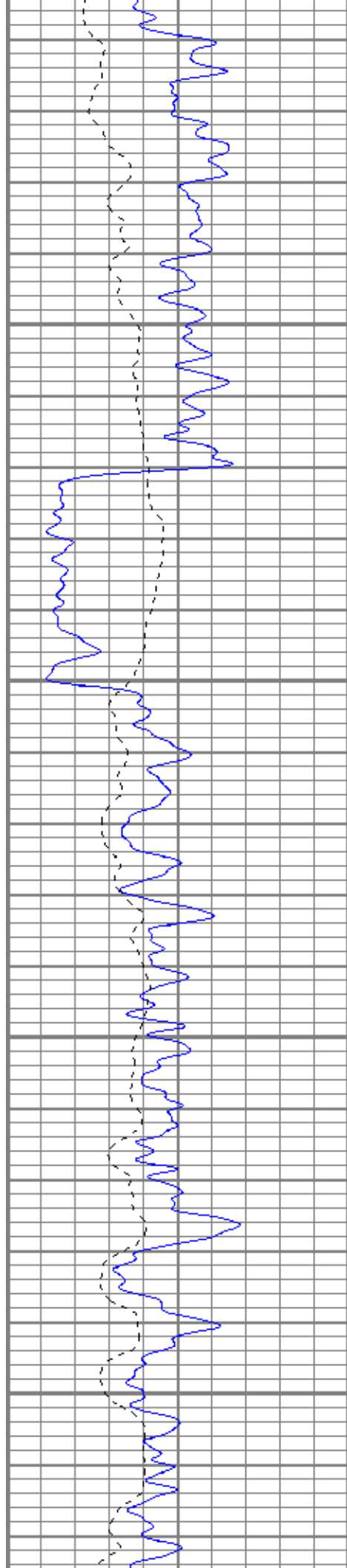
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 Dataset Pathname: pass3.1
 Presentation Format: kdil
 Dataset Creation: Wed Sep 14 13:05:53 2016
 Charted by: Depth in Feet scaled 1:240

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



2500



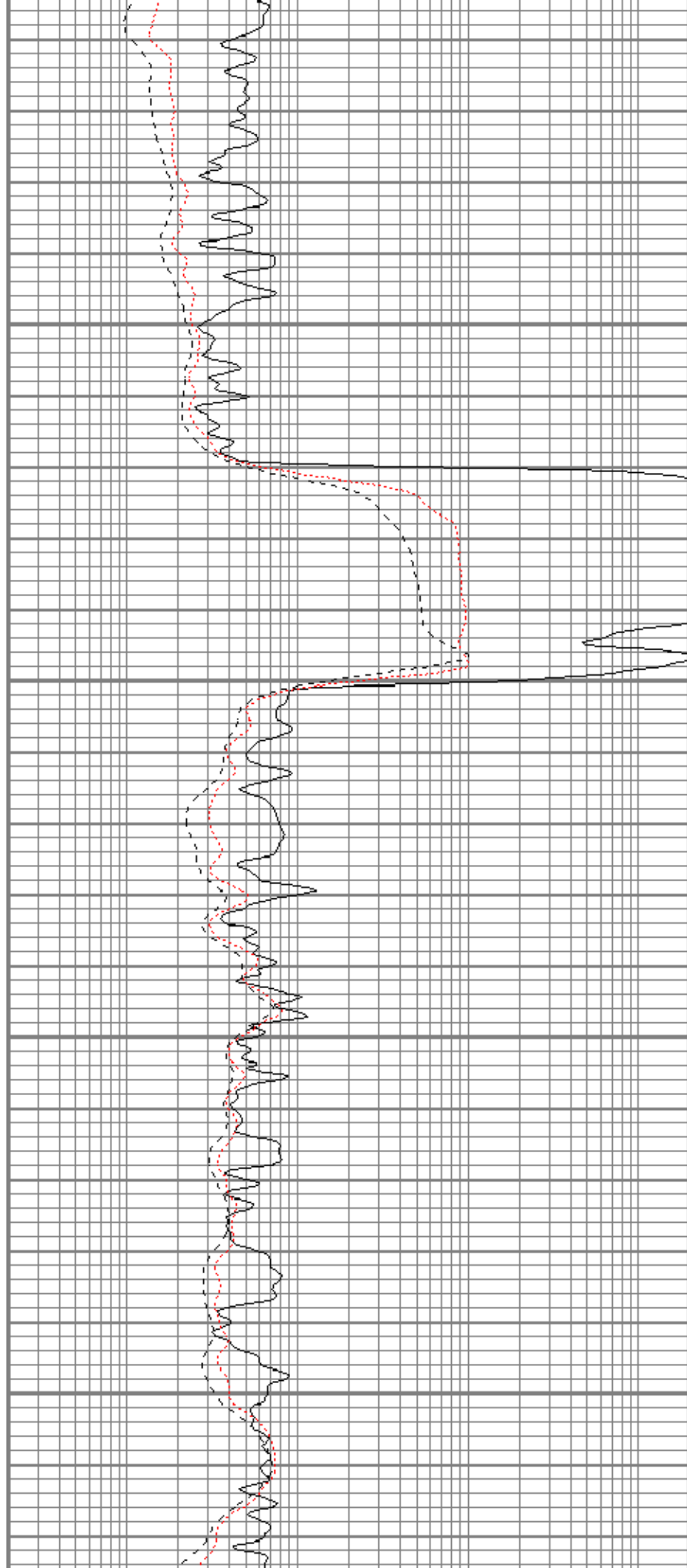


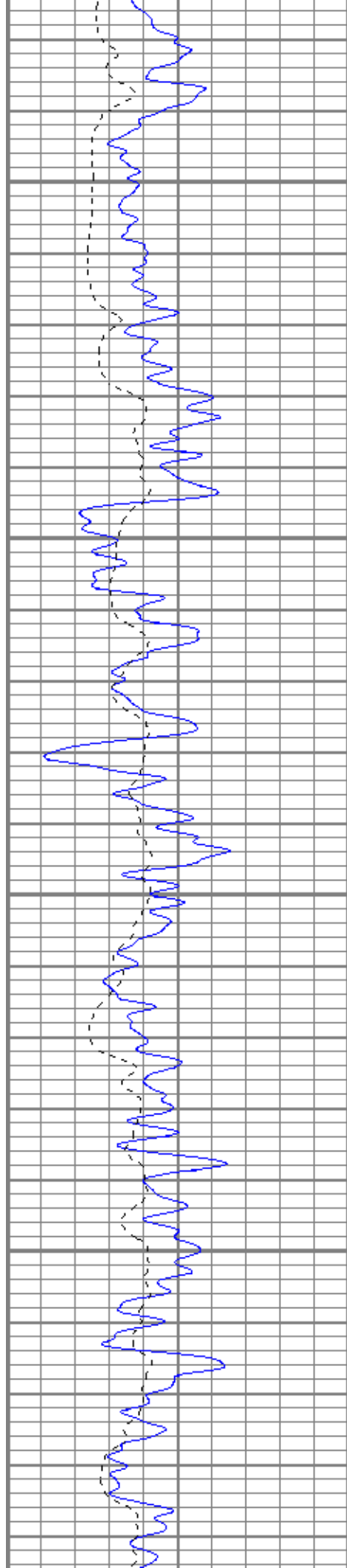
2950

3000

3050

3100



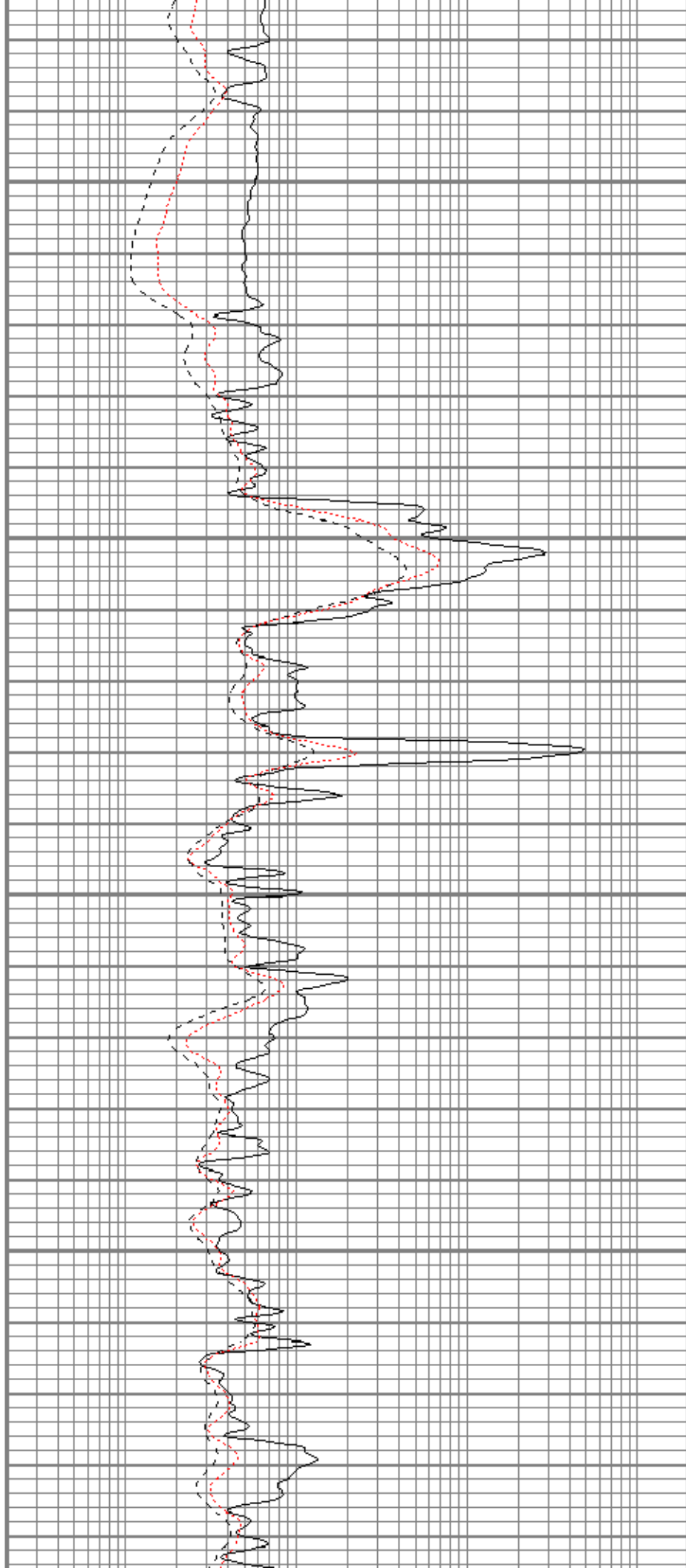


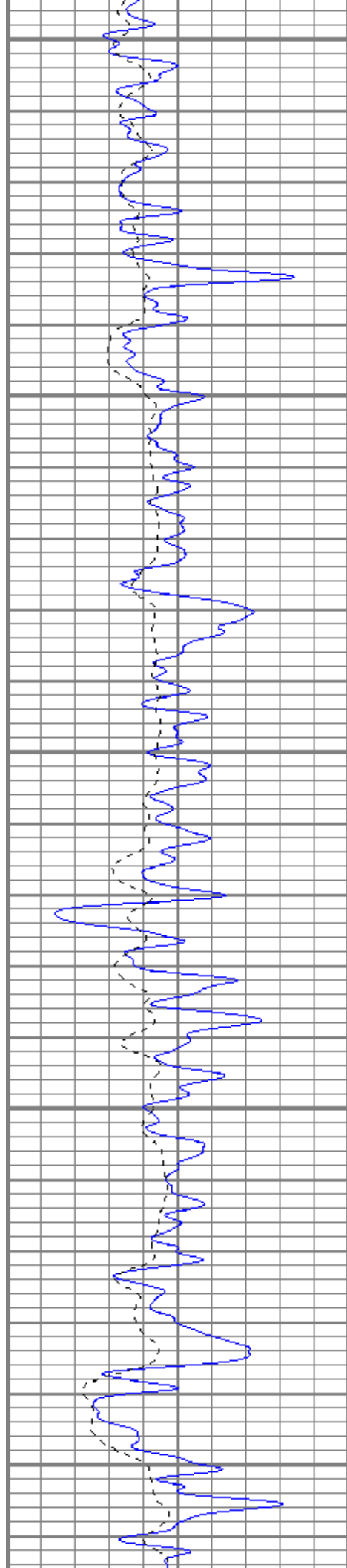
3150

3200

3250

3300





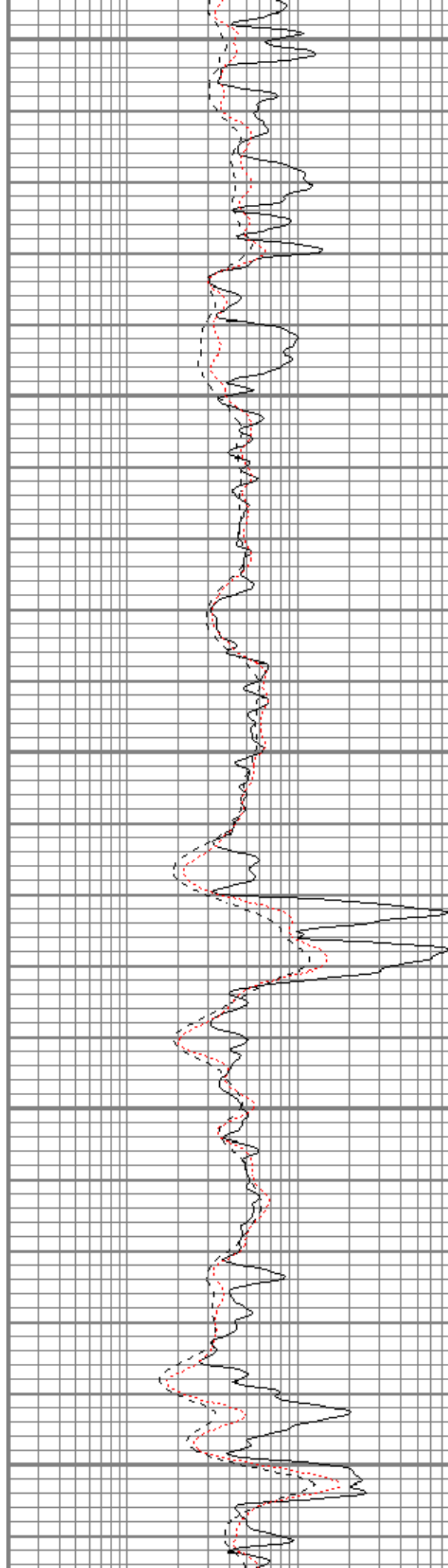
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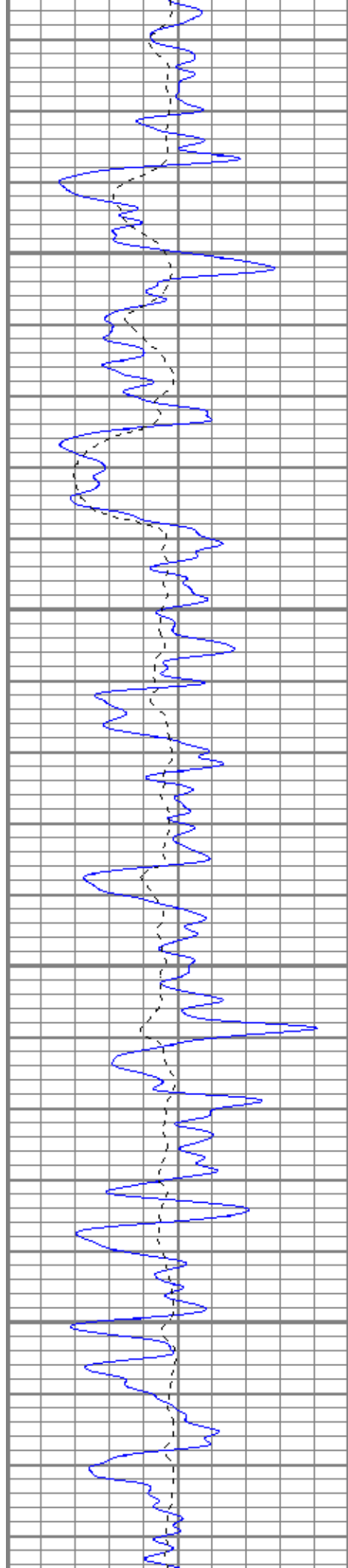
3400

3450

3500

3550



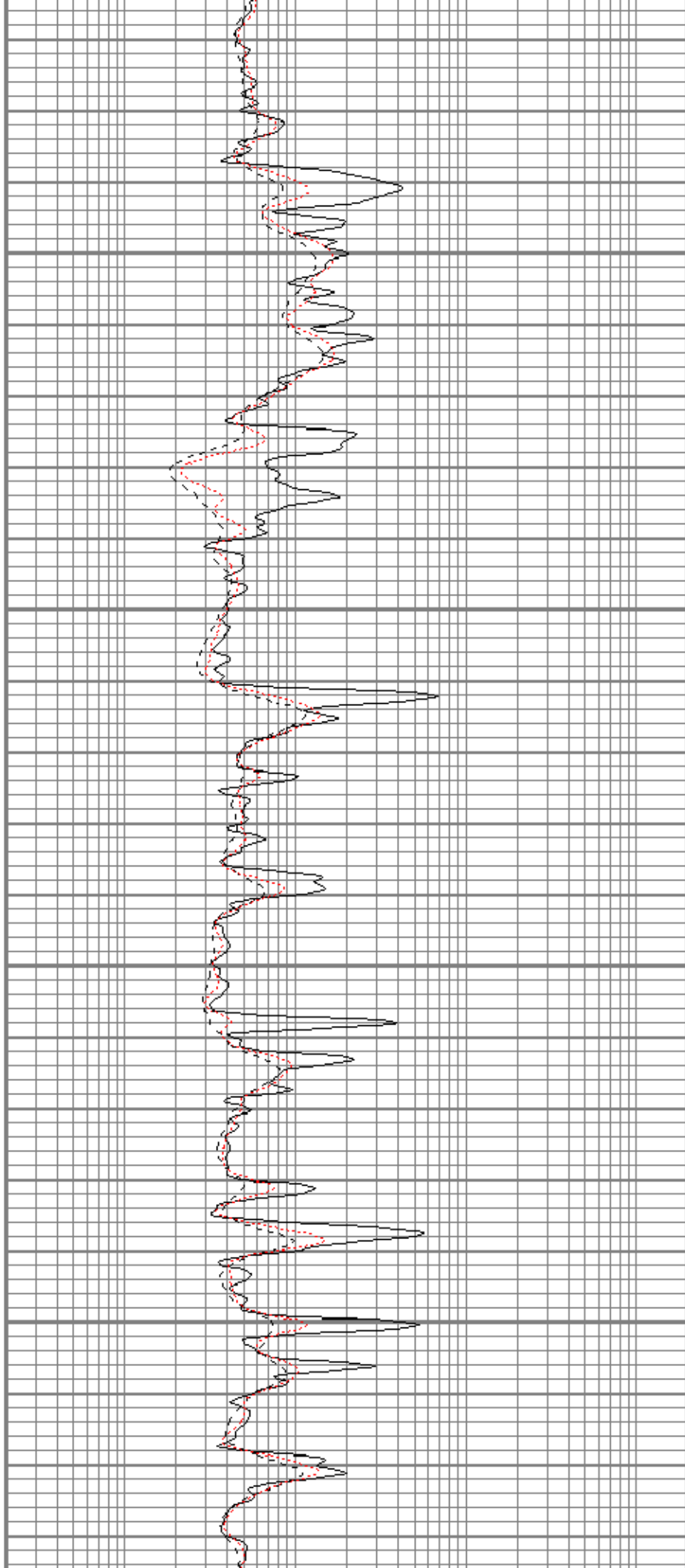


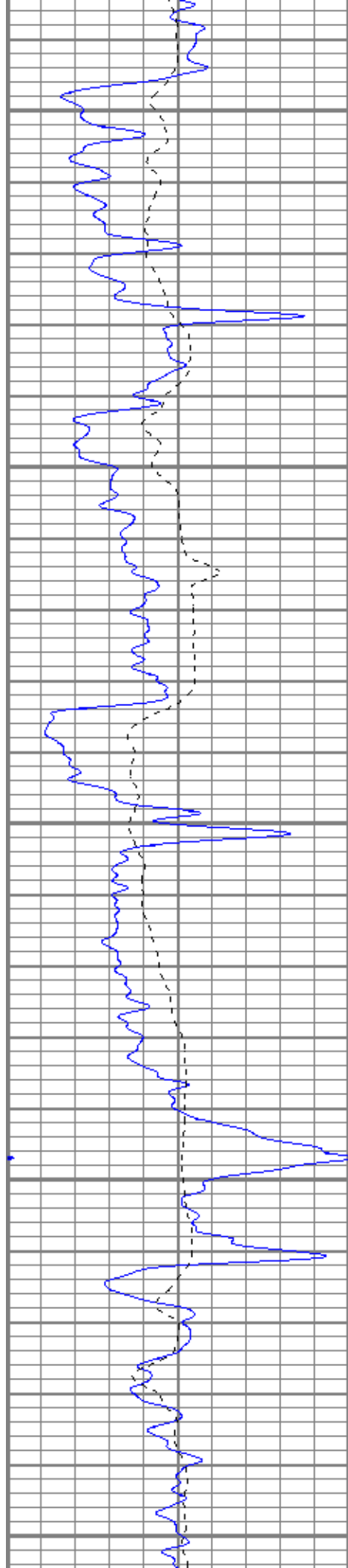
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3650

3700

3750





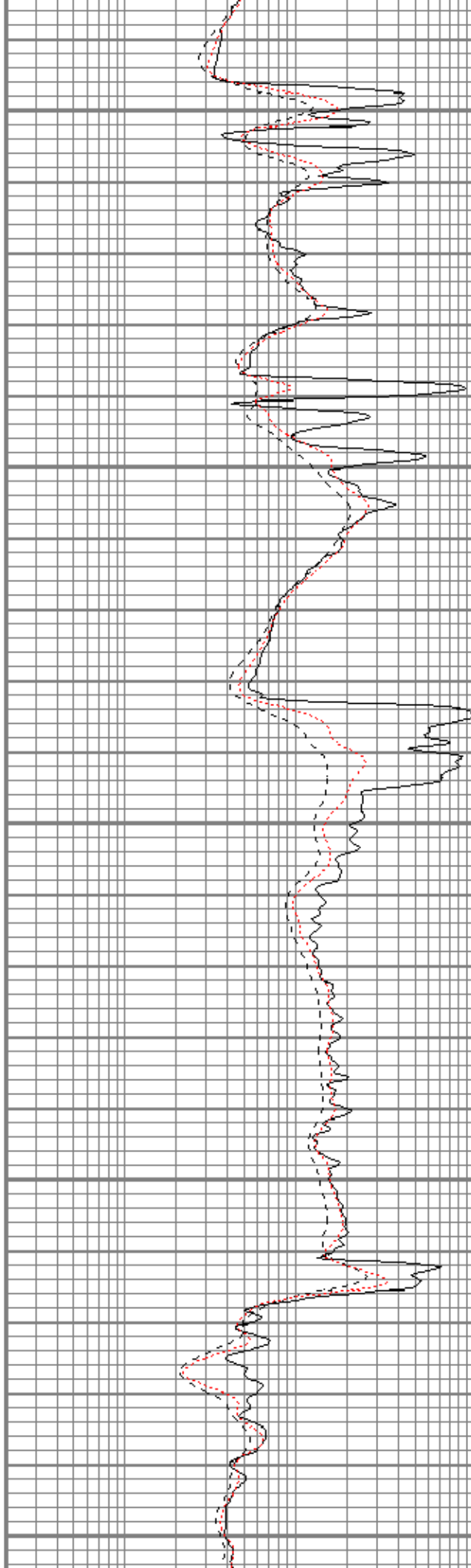
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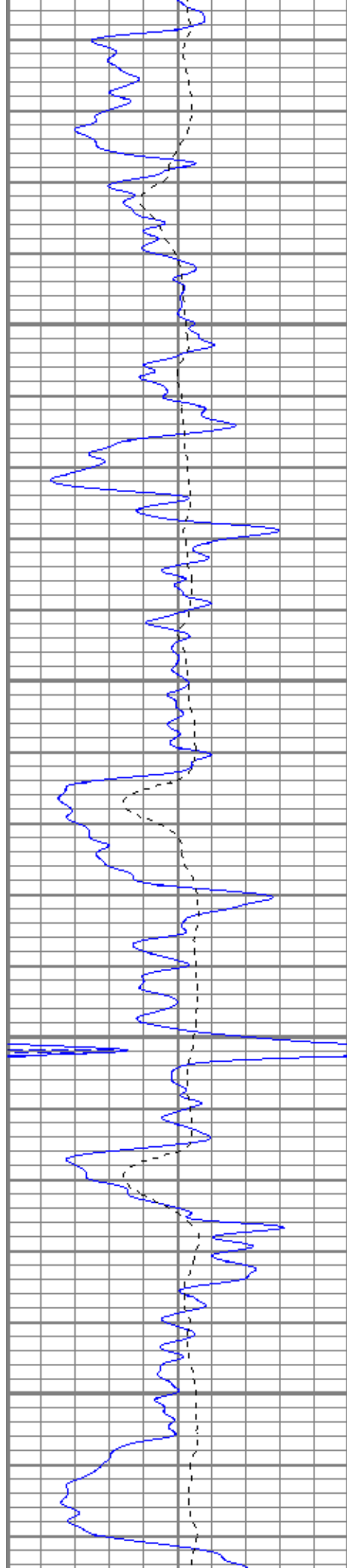
3850

3900

3950

4000



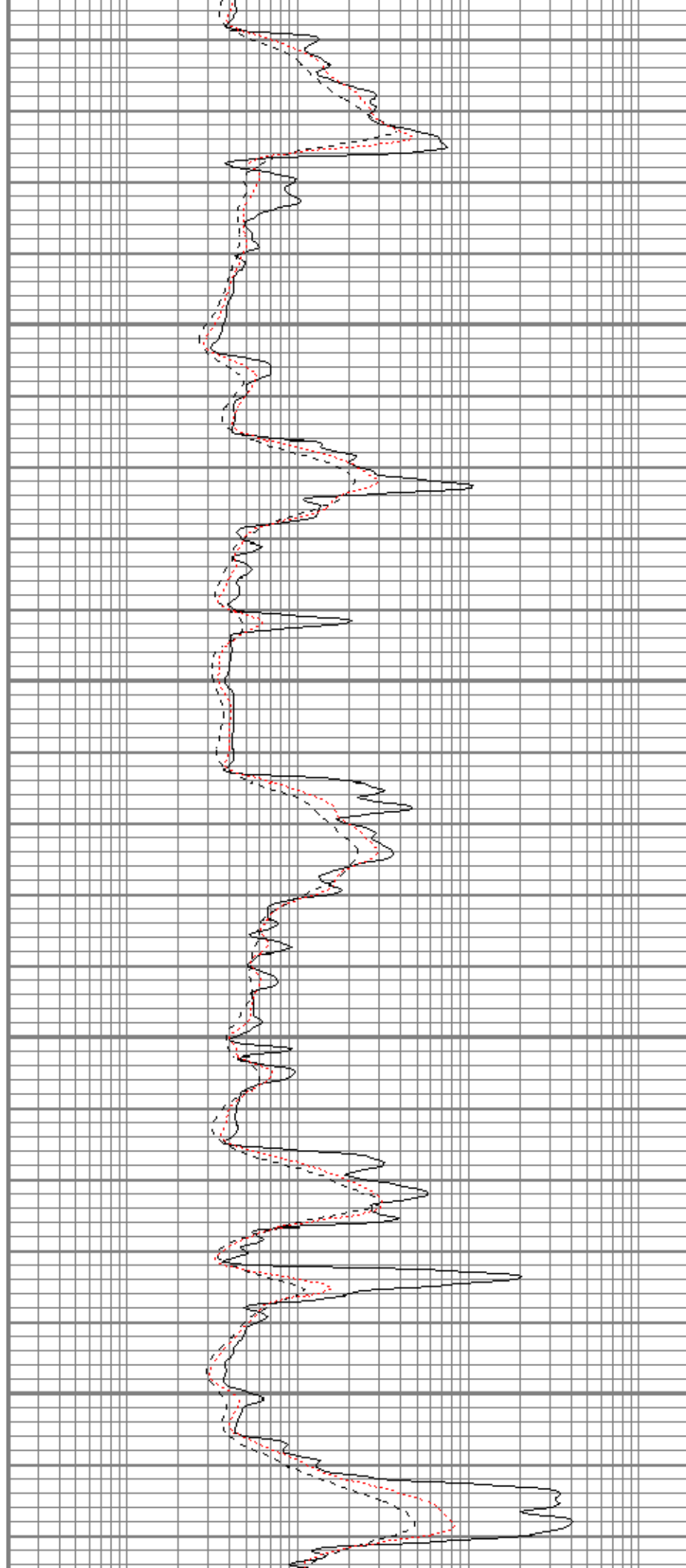


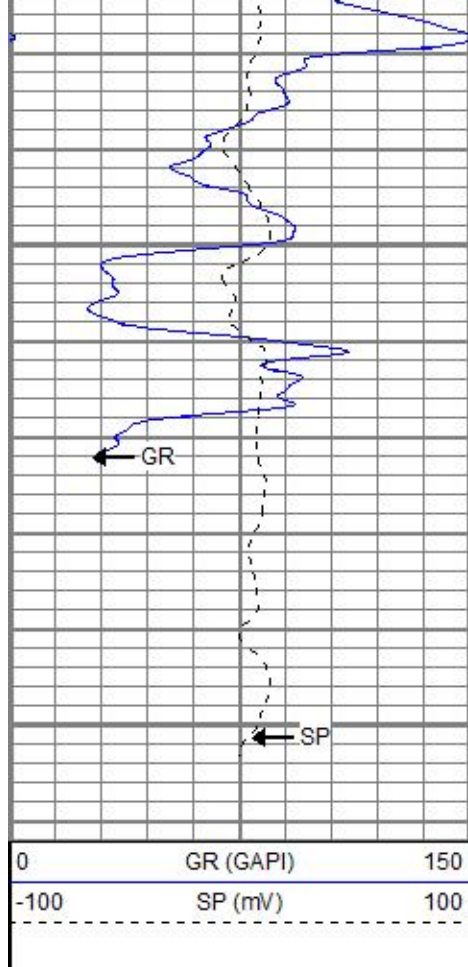
4050

4100

4150

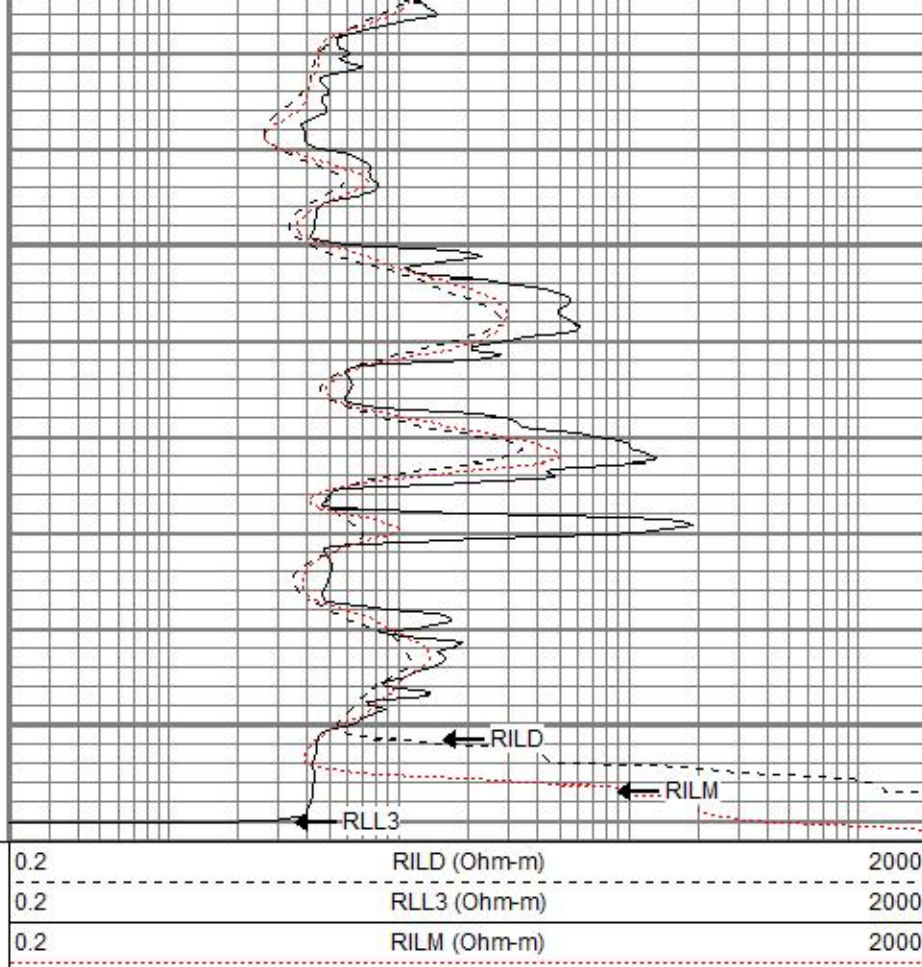
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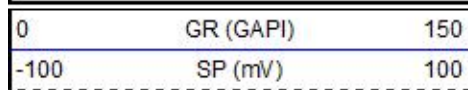
4250

4300



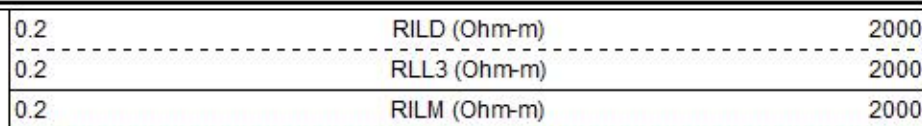
Repeat Pass

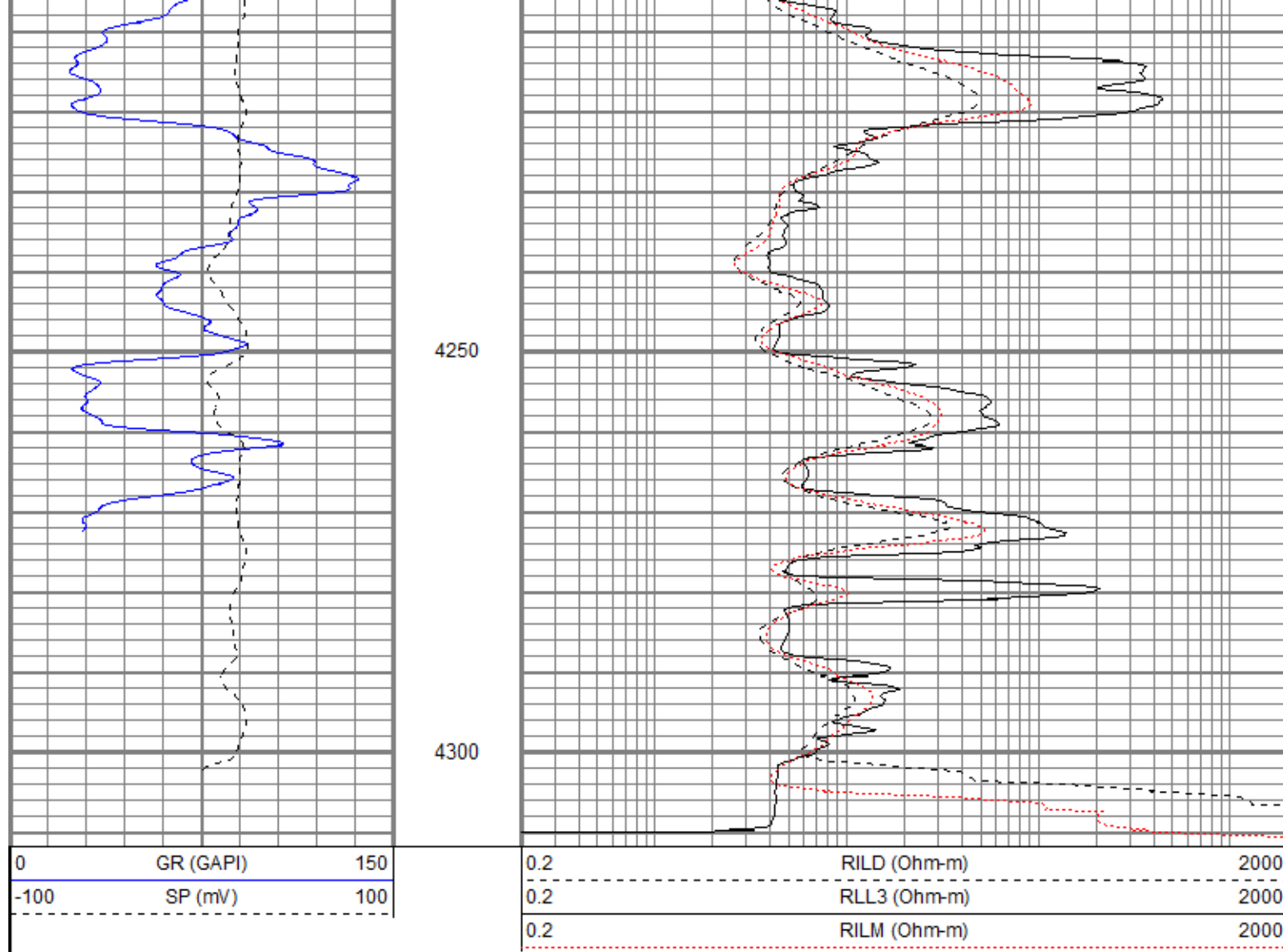
Database File: porosisunit#1oh.db
 Dataset Pathname: pass1.1
 Presentation Format: kdil
 Dataset Creation: Wed Sep 14 13:27:30 2016
 Charted by: Depth in Feet scaled 1:240



4150

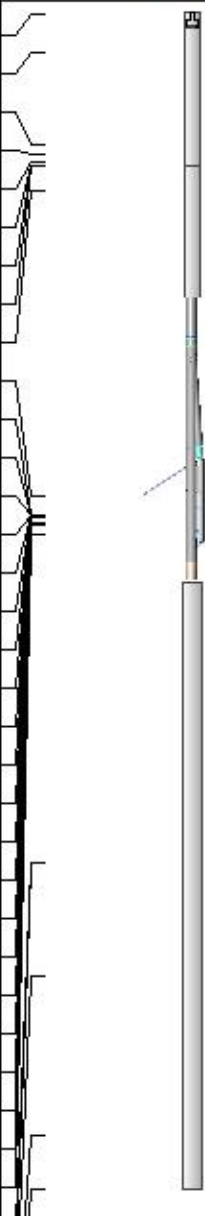
4200





Calibration Report										
Database File	porosisunit#1oh.db									
Dataset Pathname	pass1.1									
Dataset Creation	Wed Sep 14 13:27:30 2016									
Dual Induction Calibration Report										
Serial-Model:			1989-ADM							
Surface Cal Performed:			Mon Jul 11 21:35:42 2016							
Downhole Cal Performed:			Mon Jul 11 21:36:11 2016							
After Survey Verification Performed:			Mon Jul 11 21:36:11 2016							
Surface Calibration										
		Readings					References			
Loop:	Air	Loop		Air	Loop		m	b		
Deep	0.002	0.656	V	0.000	350.000	mmho/m	535.560	-1.118		
Medium	0.003	0.745	V	0.000	400.000	mmho/m	538.828	-1.427		
Internal:	Zero	Cal		Zero	Cal		m	b		
Deep	0.002	0.656	V	0.000	350.000	mmho/m	535.220	-1.003		
Medium	0.003	0.745	V	0.000	550.000	mmho/m	741.357	-2.036		
Downhole Calibration										
		Readings					References			
Internal:	Zero	Cal		Zero	Cal		m	b		

Deep	-0.036	349.993	mmho/m	-0.114	350.108	mmho/m	1.001	-0.078
Medium	0.039	400.181	mmho/m	0.053	399.799	mmho/m	0.999	0.013
Shallow	2.503	0.015	V	500.000	2.000	Ohm-m	200.177	-3.046
After Survey Verification								
		Readings		Targets		Results		
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.036	349.993	mmho/m	1.001	-0.078
Medium	0.000	0.000	mmho/m	0.039	400.181	mmho/m	0.999	0.013
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000
Neutron Calibration Report								
Serial Number:			2301AN					
Tool Model:			Oilex					
Performed:			Tue Jun 28 11:51:54 2016					
Calibrator Value:			1	NAPI				
Calibrator Reading:			1	cps				
Sensitivity:			1	NAPI/cps				
Gamma Ray Calibration Report								
Serial Number:			1					
Tool Model:			A					
Performed:			Tue Jun 28 11:51:59 2016					
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:			Sat Apr 09 21:14:20 2016					
			Reference		Reading			
Low Reference:	0.00	degF	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:	Fri Nov 13 12:11:33 2015							
	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			4.27	3.50	80.00
ACCY	33.27		NEU-Oilex (2301AN) 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		DIL-ADM (1989) Dual Induction	19.71	4.00	300.00
SS8	21.67					
SS7	21.67					
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: porosesisunit#1oh.db: field/well/run1/pass1.1 Total length: 38.31 ft Total weight: 651.00 lb O.D.: 4.00 in				
CILM	6.89					
RLL3	1.70					
TR Mon	0.00					