



MIDWEST WIRELINE

MICRORESISTIVITY

CompanyGriffin Manangement LLC	
Well	Hope #3X
Field	Turkey Creek East
County	Barber
State	Kansas
Company Griffin Manangement LLC	
Well	Hope #3X
Field	Turkey Creek East
County	Barber
State	Kansas
Location:	API # : 15-007-24474-00-00
Permanent Datum	SEC 16 TWP 30S RGE 15W
Log Measured From	S2 SW NE NE 1120 FNL & 990 FEL
Drilling Measured From	Kelly Bushing Kelly Bushing
Elevation	1937
Other Services	CNL/CDL DIL
K.B.	1942
D.F.	
G.L.	1937
Date	6/21/2023
Run Number	Two
Depth Driller	4773
Depth Logger	4773
Bottom Logged Interval	4772
Top Log Interval	2800
Casing Driller	8.625 @ 977
Casing Logger	979
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity ,ppm CL	8000
Density / Viscosity	9.1 47
pH / Fluid Loss	10.0 8.8
Source of Sample	Flowline
Rm @ Meas. Temp	0.75 @ 76
Rmf @ Meas. Temp	0.56 @ 76
Rmc @ Meas. Temp	1.01 @ 76
Source of Rmf / Rmc	Charts
Rm @ BHT	0.46 @ 124
Operating Rig Time	3.5 Hours
Max Rec. Temp. F	124
Equipment Number	P-24
Location	Hays
Recorded By	T. Martin
Witnessed By	Eli Felts

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Croft Blktp and SW 110, 1 E, S into

Log Measured From: Kelly Bushing

5 Ft. Above Permanent Datum

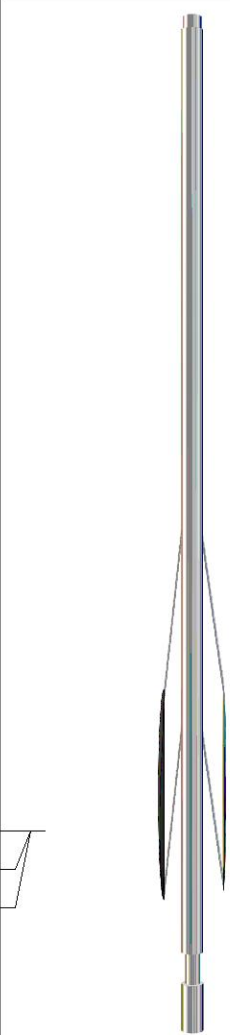
THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: T. Martin
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Eli Felts
Secondary Witness:
Secondary Witness:
Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
MCAL MI MN	1.00 1.00 1.00		ML-GO (G002)	5.00	3.50	100.00
Dataset: griffin_hope #3x.db: field/well/Micro/pass3.3 Total length: 5.00 ft Total weight: 100.00 lb O.D.: 3.50 in						

Log Variables

DatabaseC:\ProgramData\Warrior\Data\griffin_hope #3x.db
 Dataset field/well/StkMI/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	124	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	No	-1	-3	470	80	Off	4773

Variable Description

A : Cement Factor (a)
 BOREID : Borehole I.D.
 BOTTEMP : Bottom Hole Temperature
 CASEOD : Casing O.D.
 CASETHCK : Casing Thickness
 FLUIDDEN : Fluid Density
 M : Cement Exp (m)
 MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
 PERFS : Perforation Flag
 SNDERR : Deep Sonde Error Correction
 SNDERRM : Medium Sonde Error Correction
 SPSHIFT : S.P. Baseline Offset
 SRFTEMP : Surface Temperature
 SZCOR : CN Size Cor. ?
 TDEPTH : Total Depth



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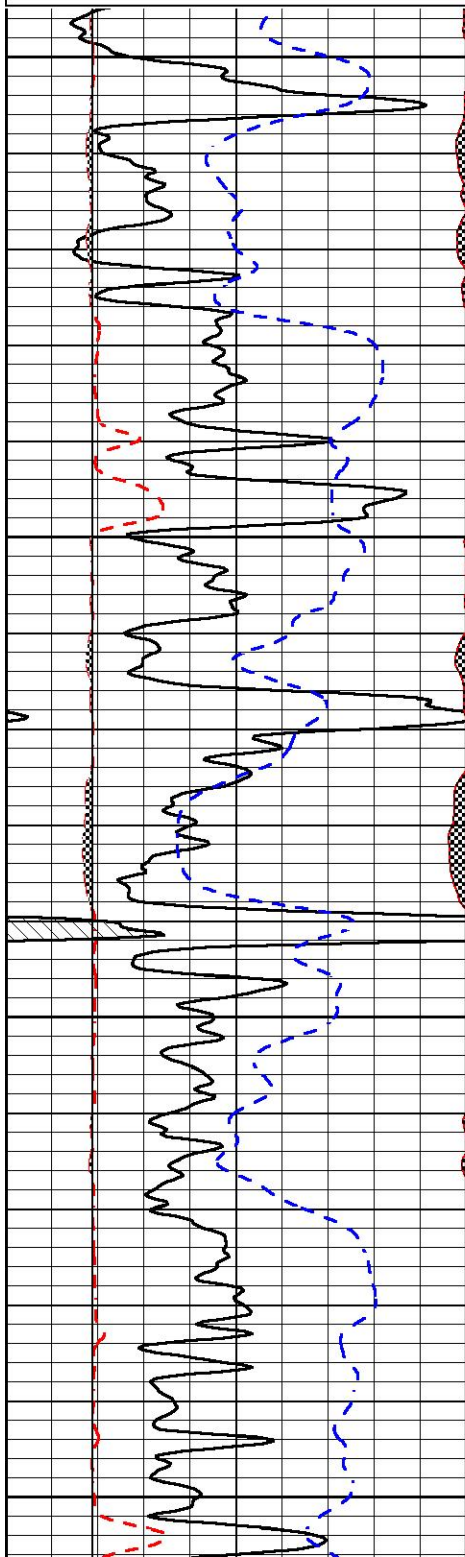
DETAIL SECTION

MAIN PASS

Database File griffin_hope #3x.db
Dataset Pathname StkMI/pass3.1
Presentation Format _micro
Dataset Creation Wed Jun 21 05:26:42 2023
Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
2.875	mcal (in)	7.875
-200	sp (mV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

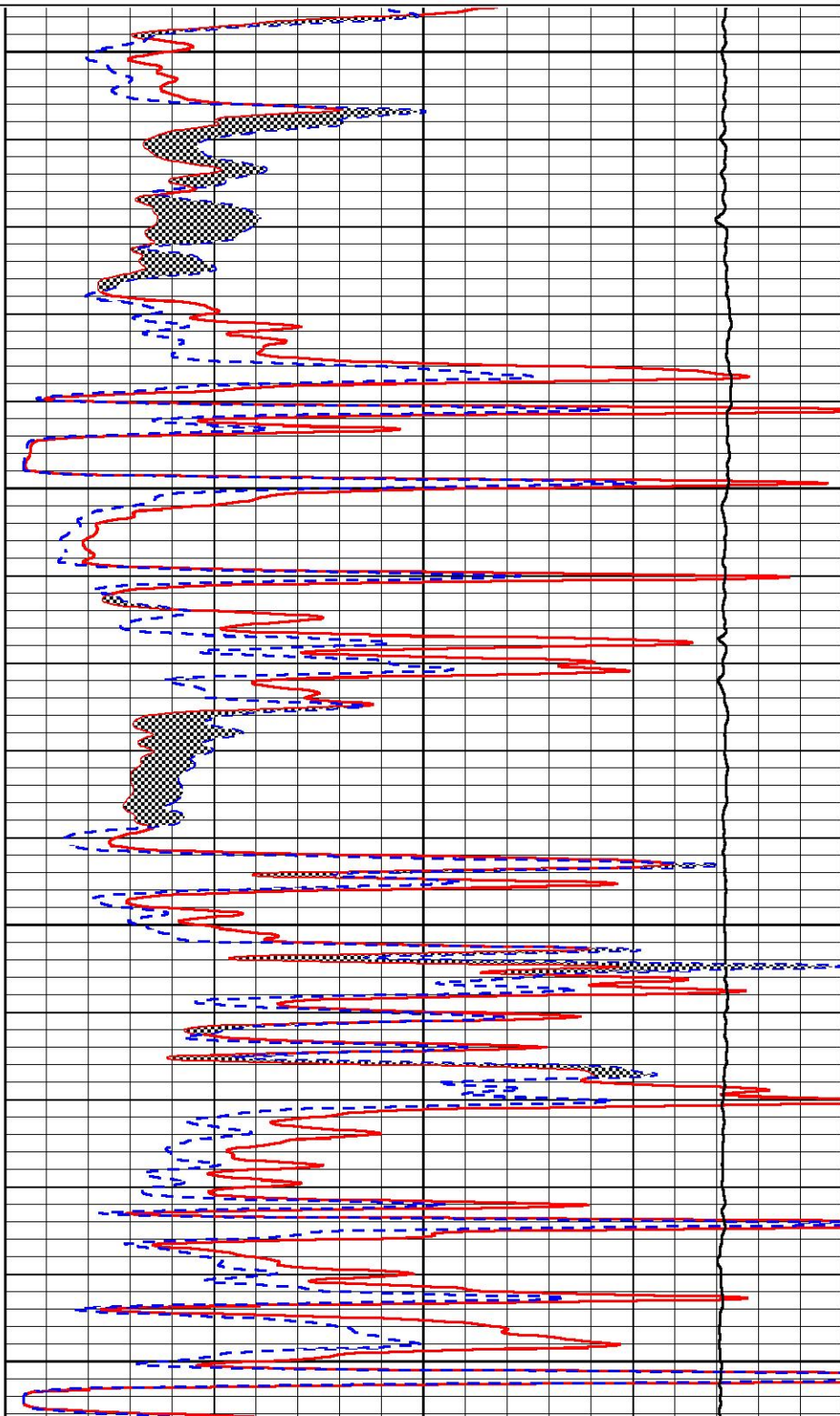


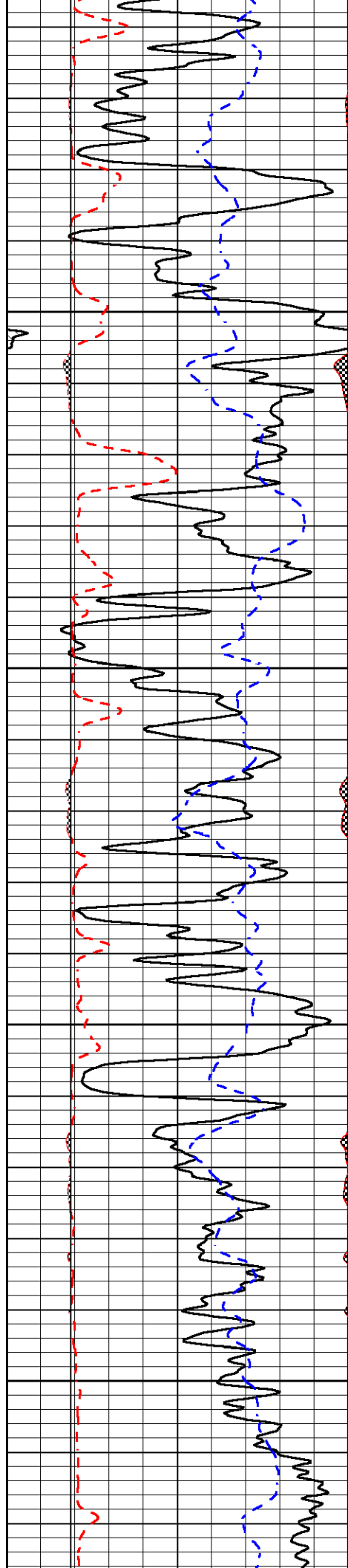
2800

2850

2900

2950



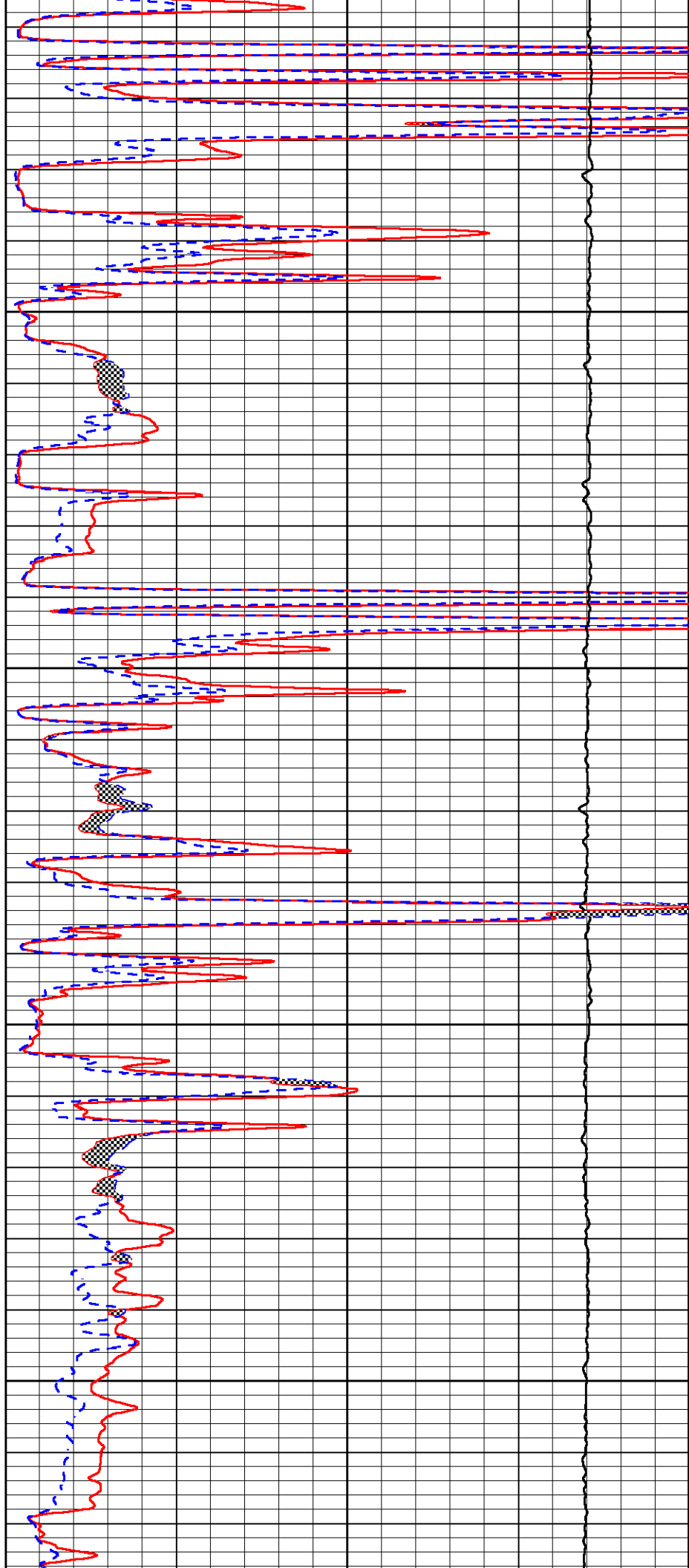


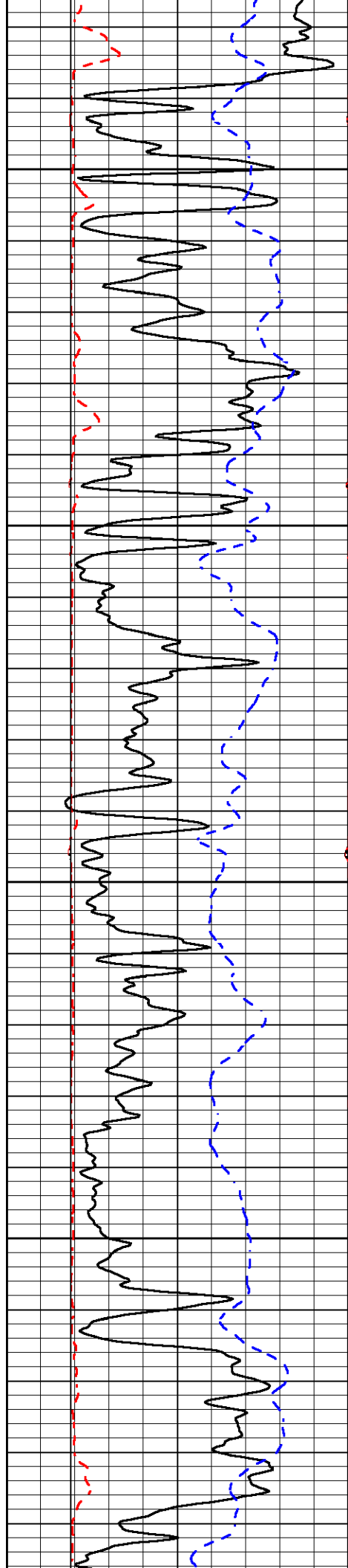
3000

3050

3100

3150



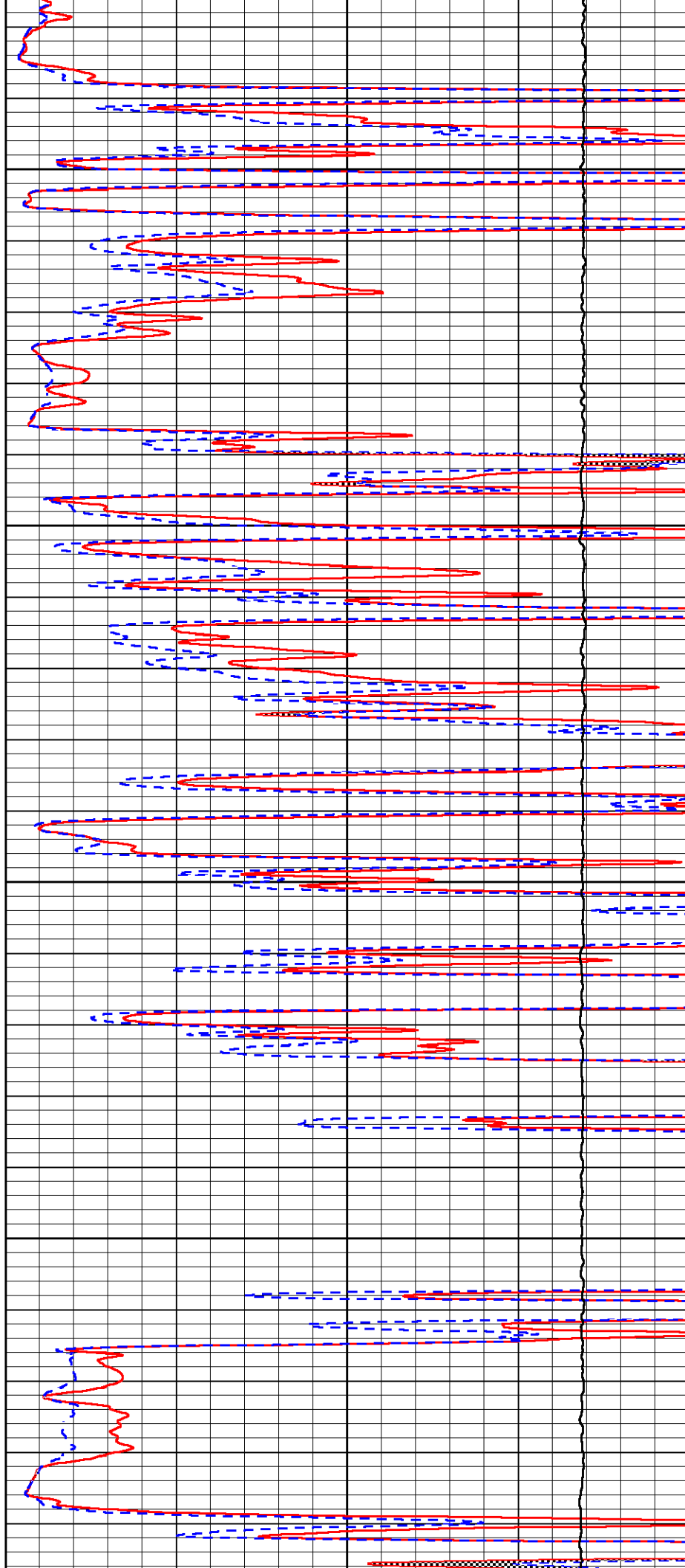


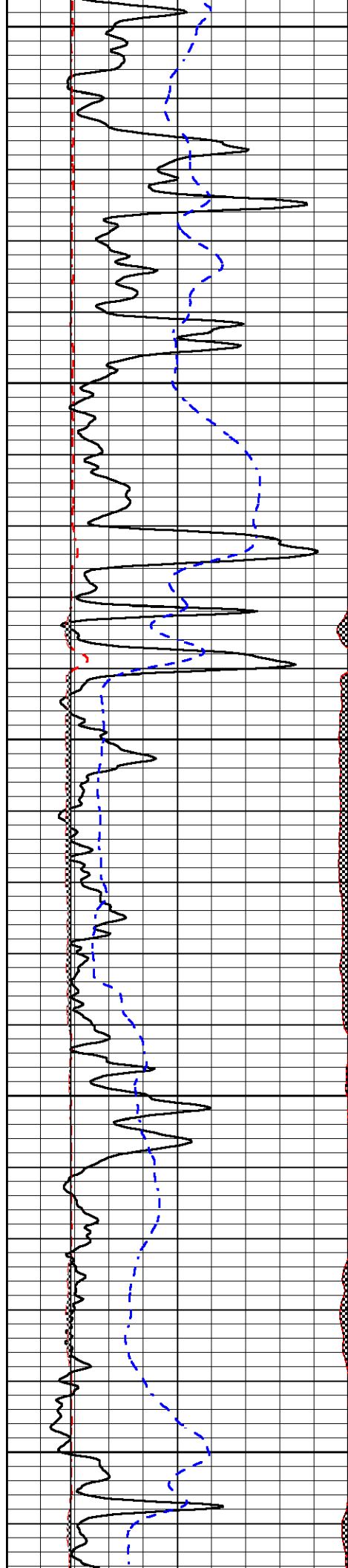
3200

3250

3300

3350





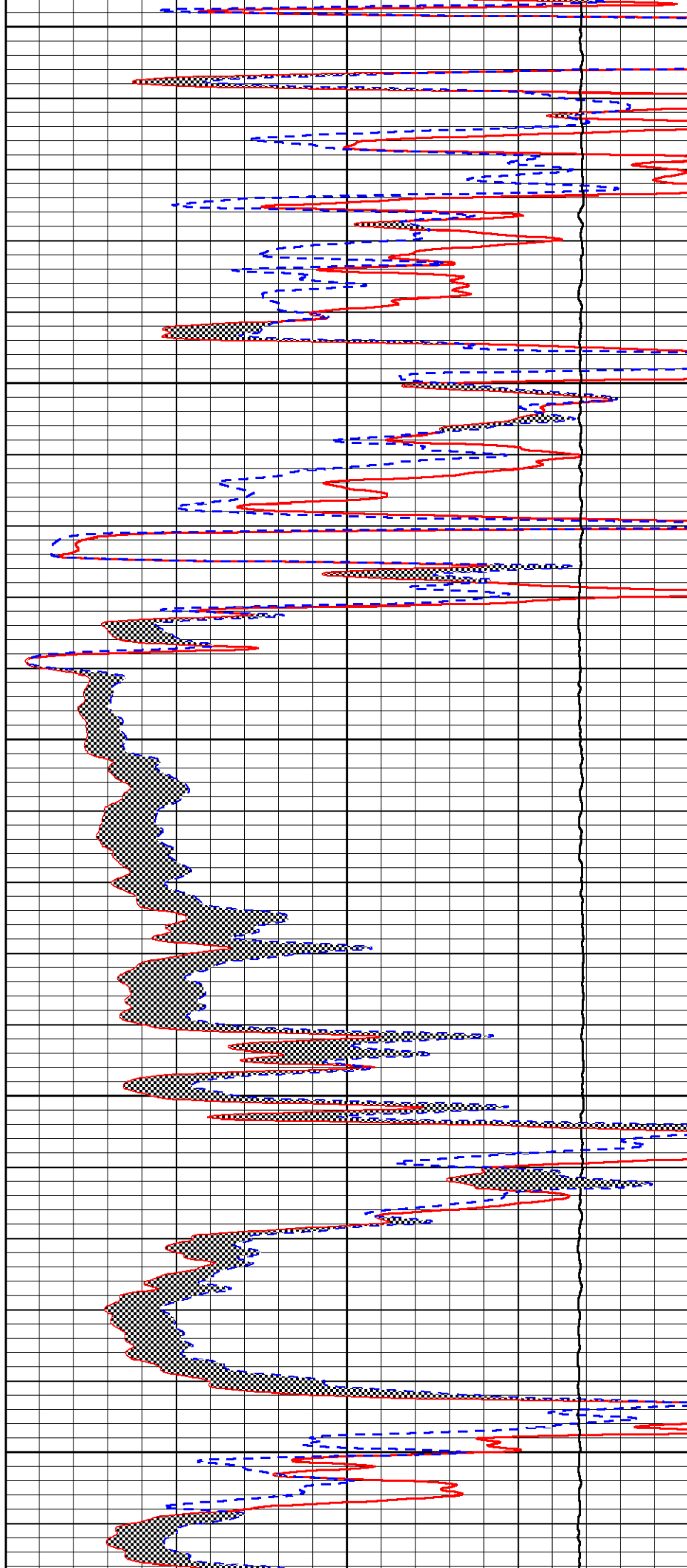
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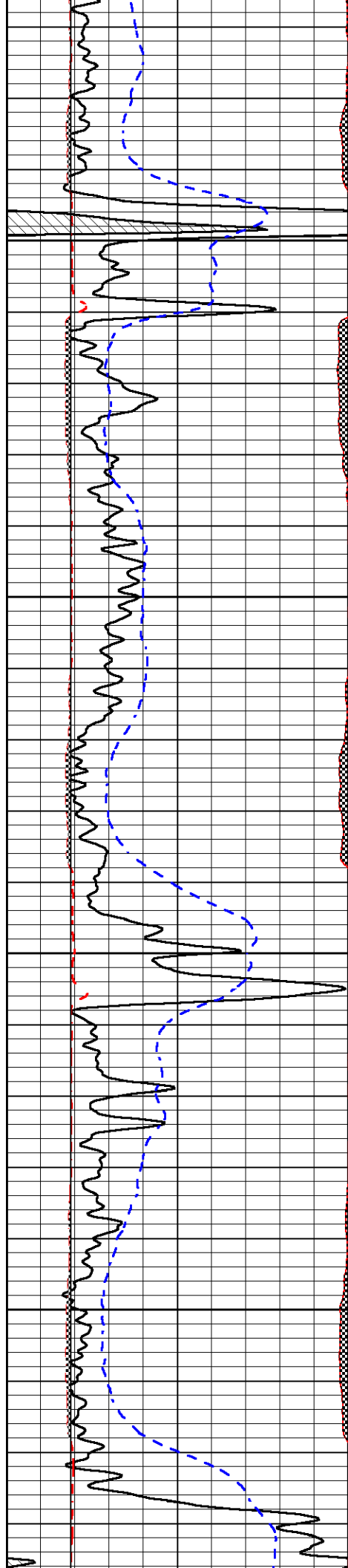
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3500

3550

3600



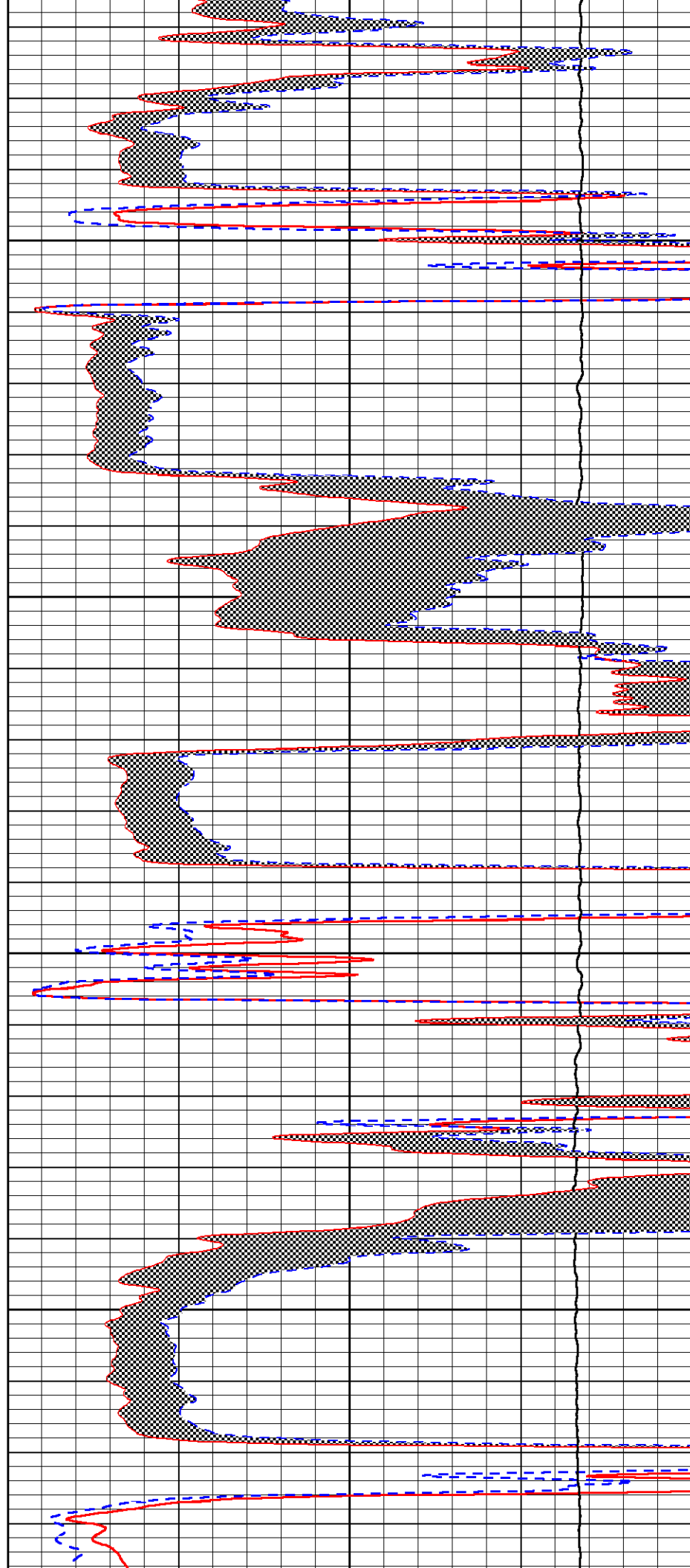


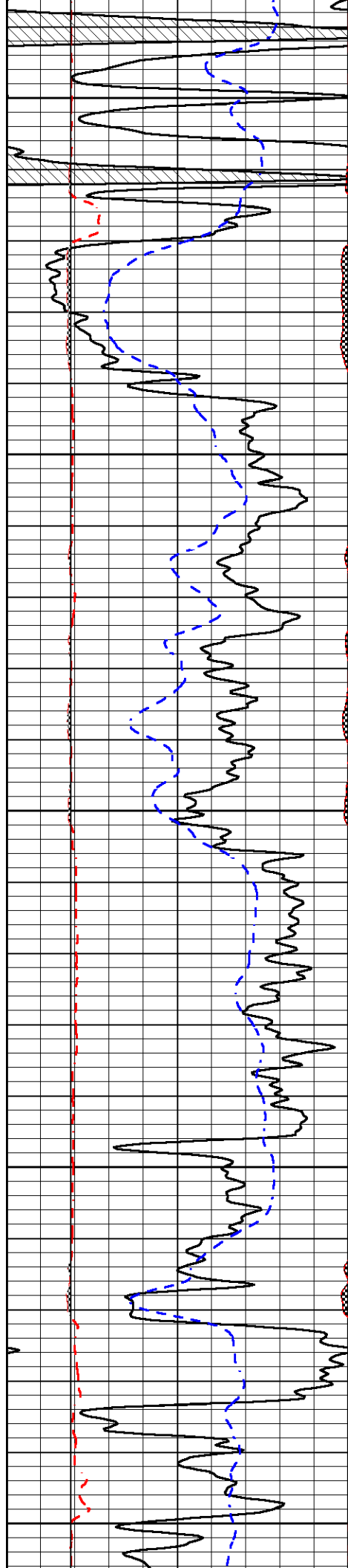
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3700

3750

3800





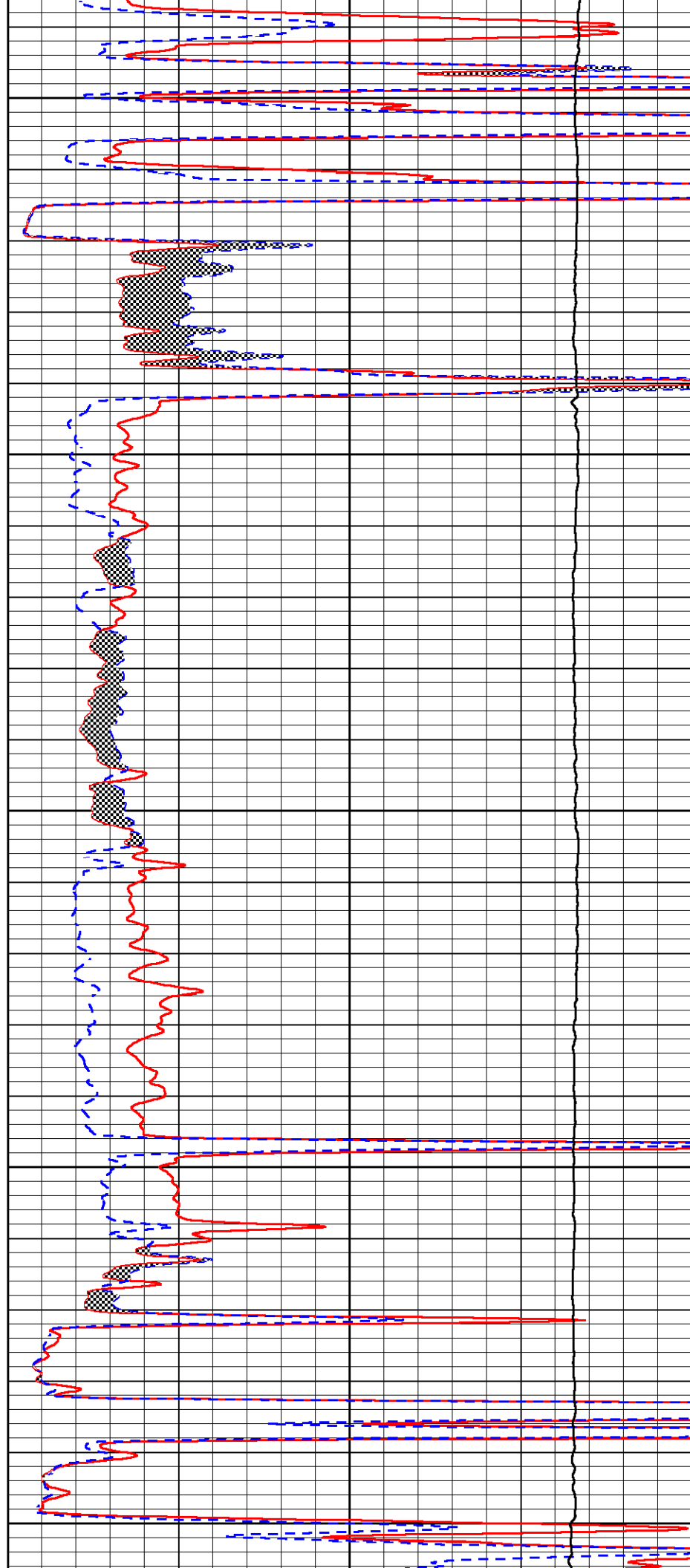
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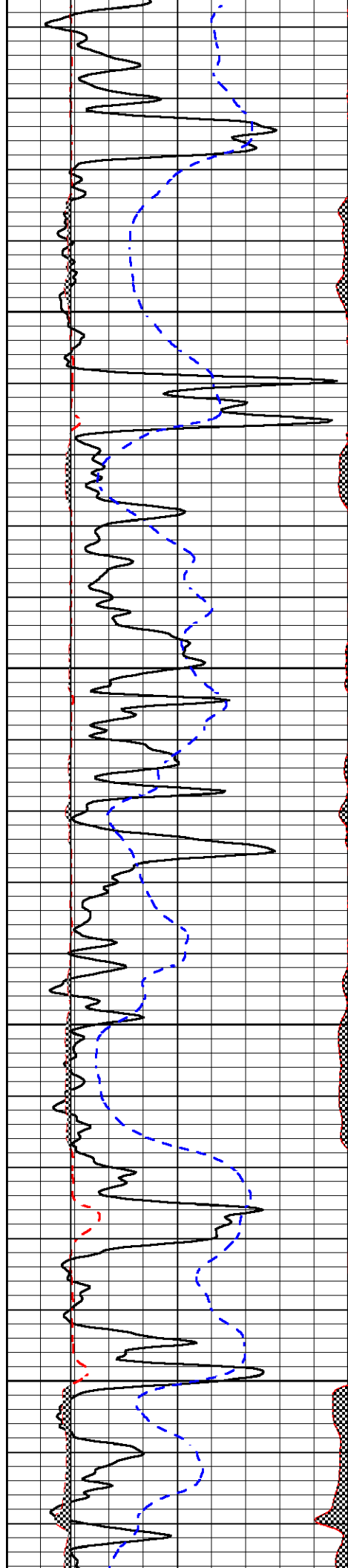
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3950

4000

4050



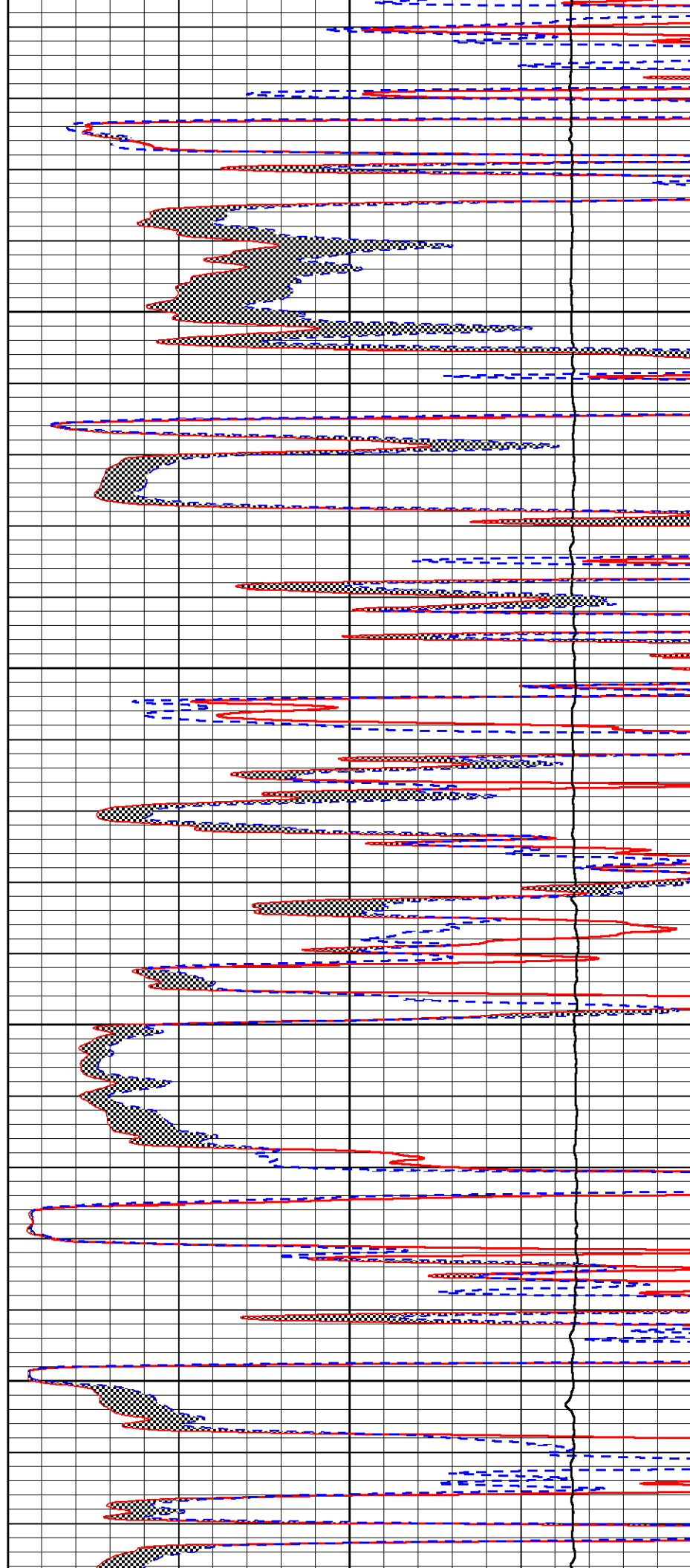


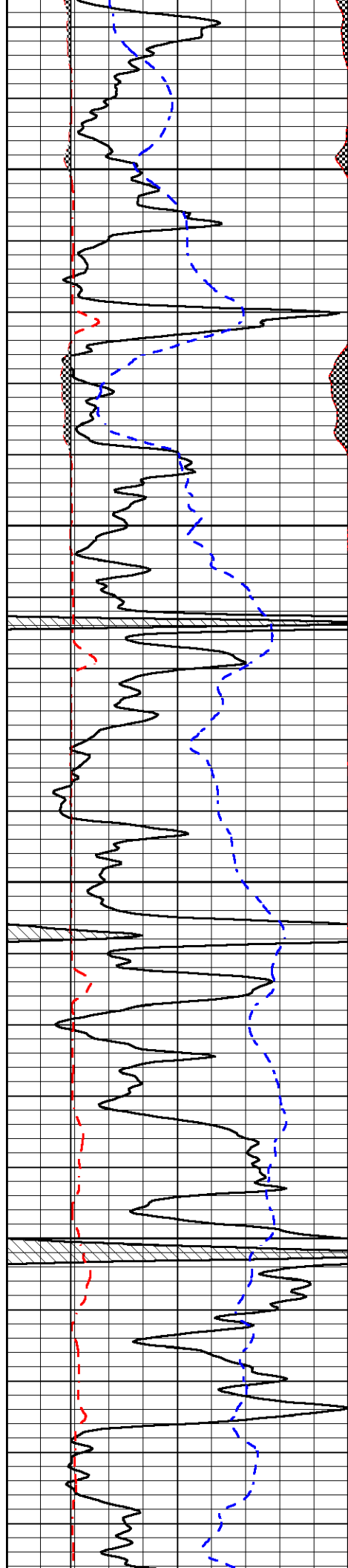
4100

4150

4200

4250



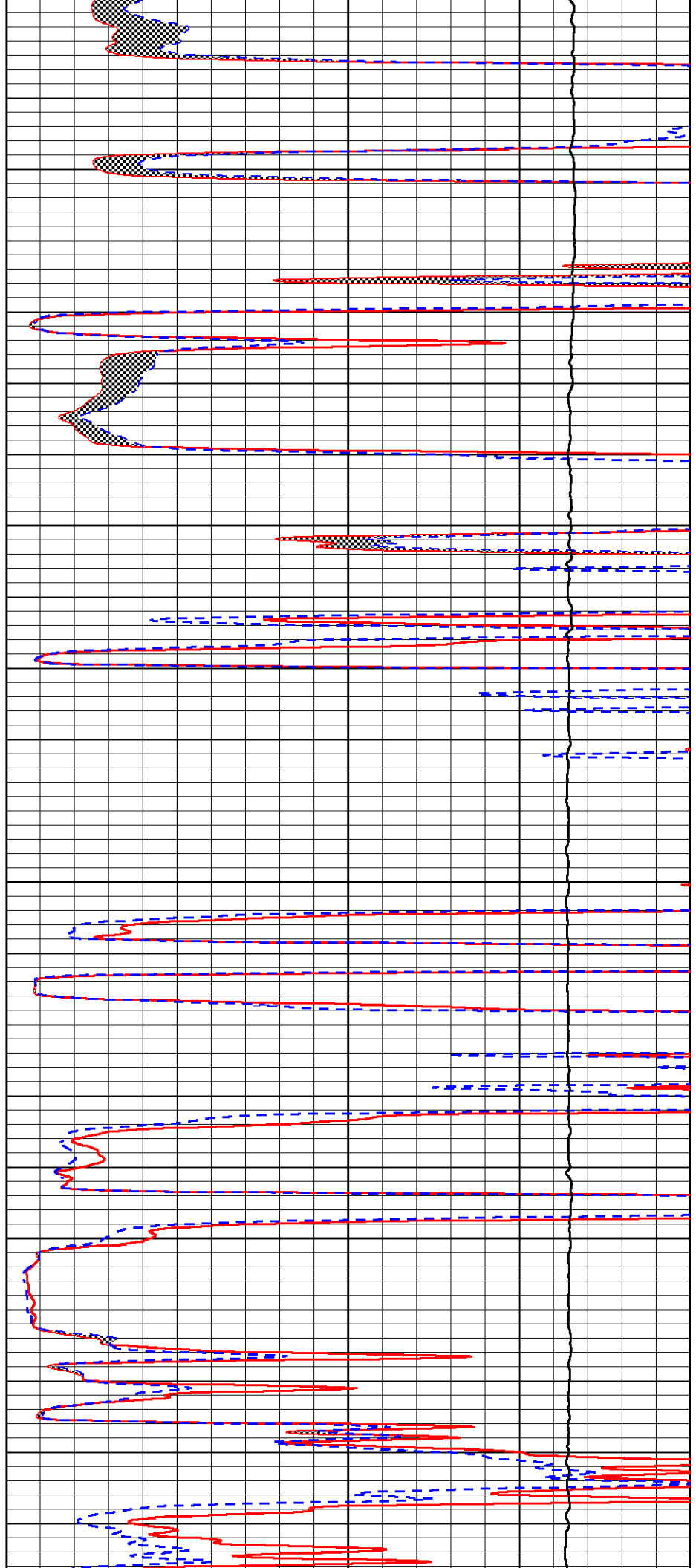


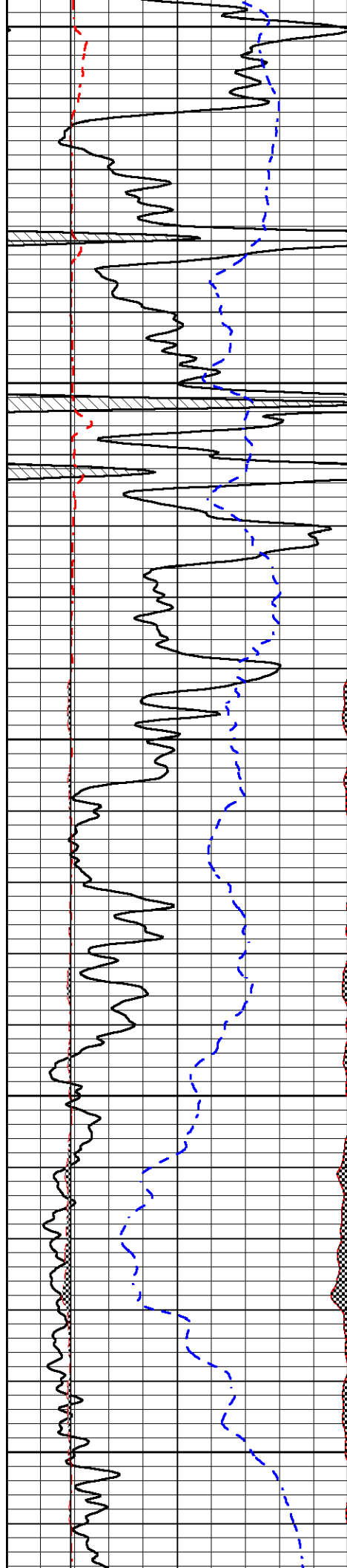
4300

4350

4400

4450





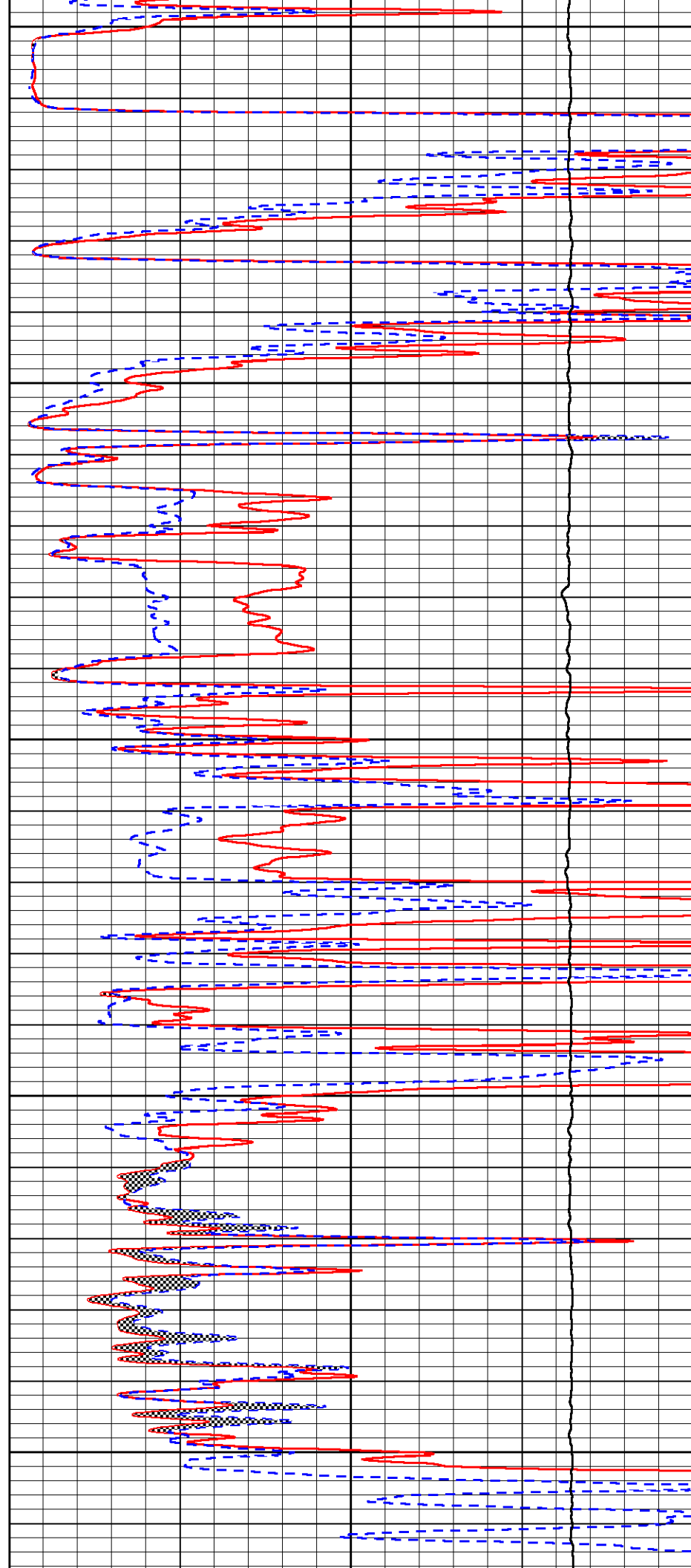
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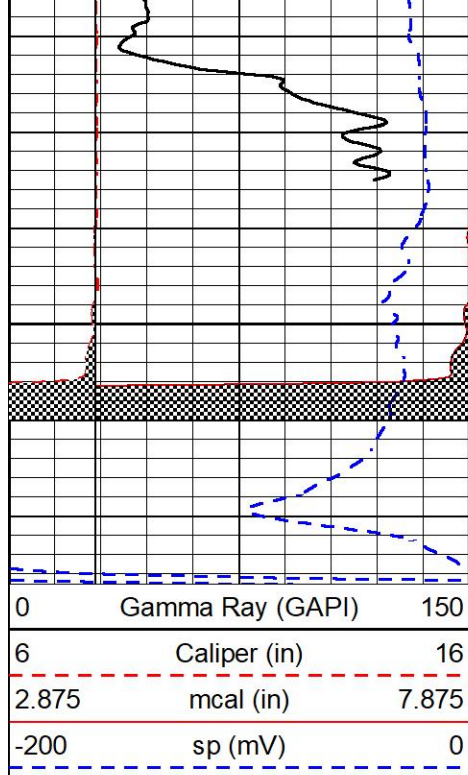
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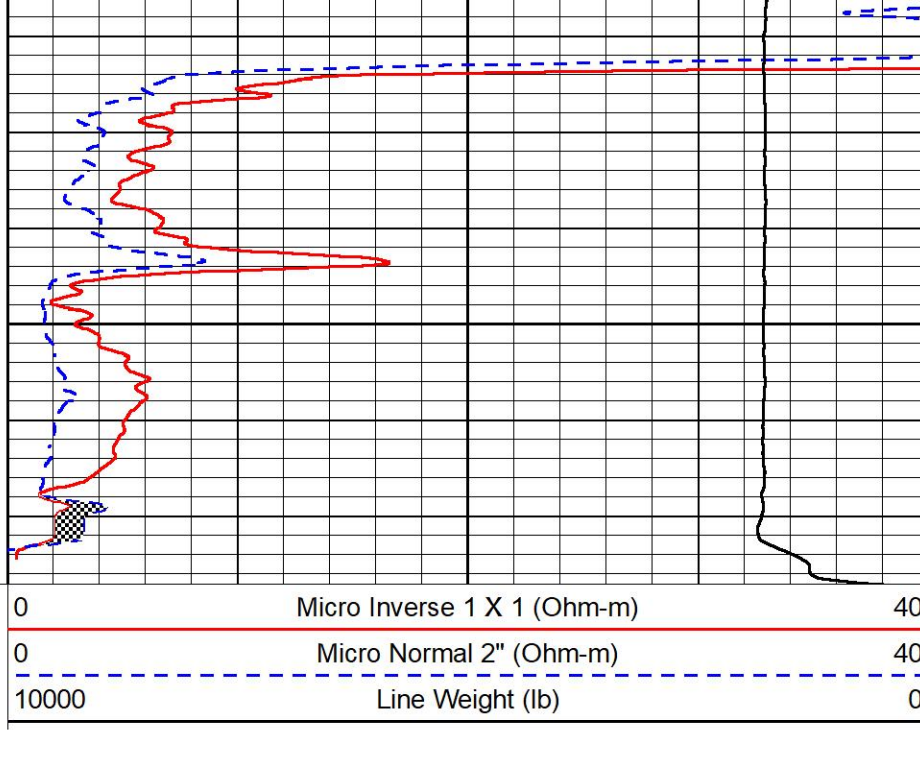
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4700





4750

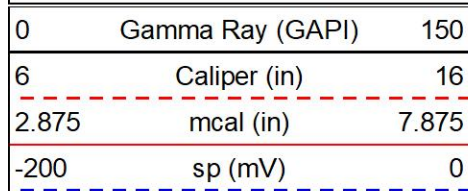


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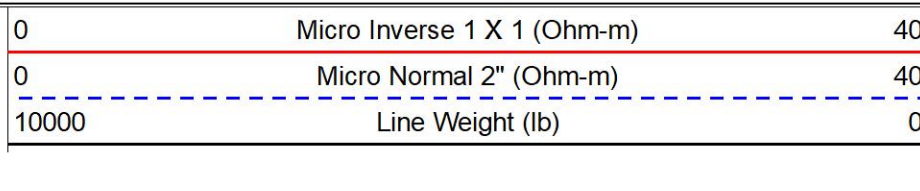
REPEAT SECTION

REPEAT PASS

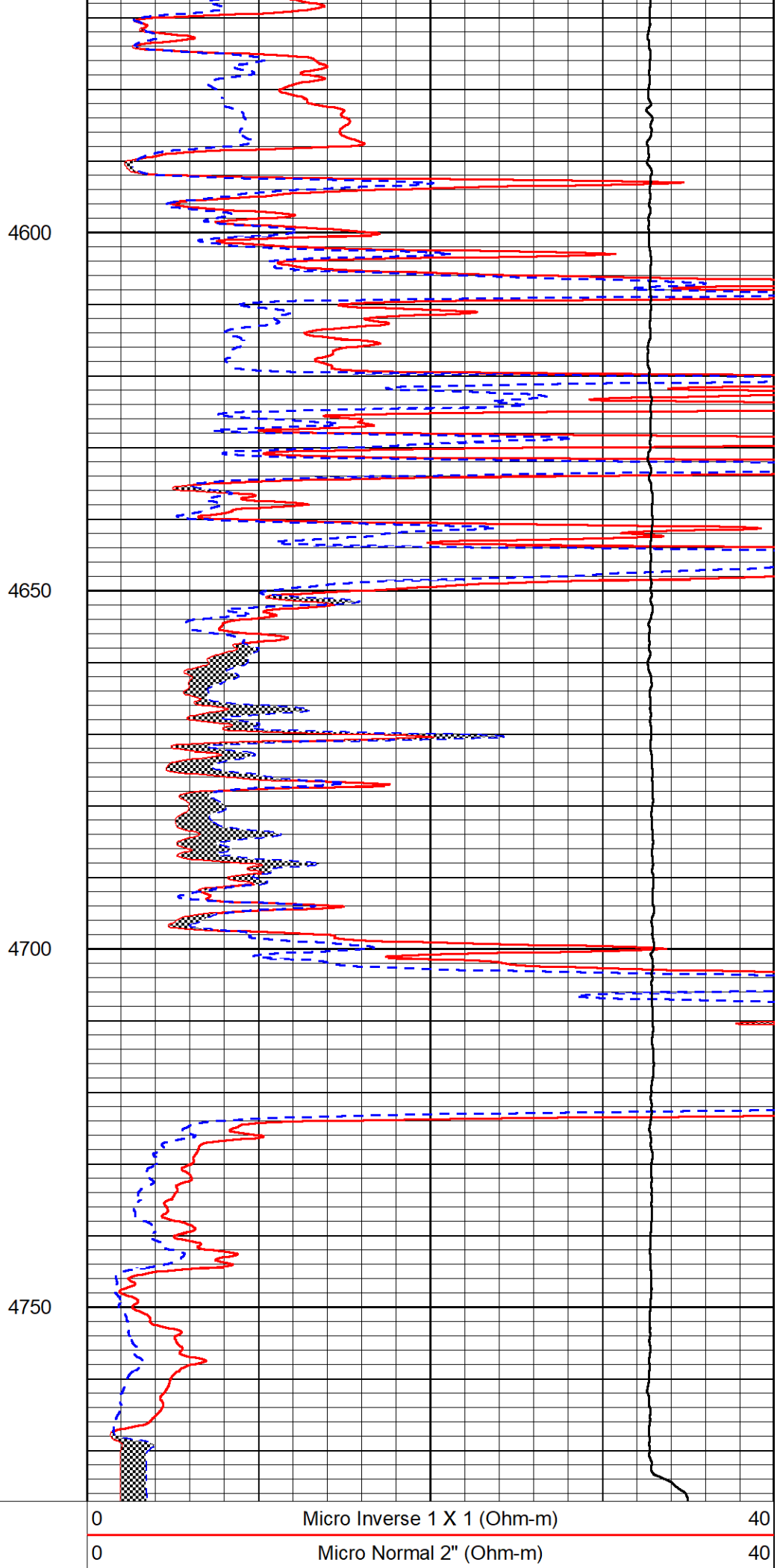
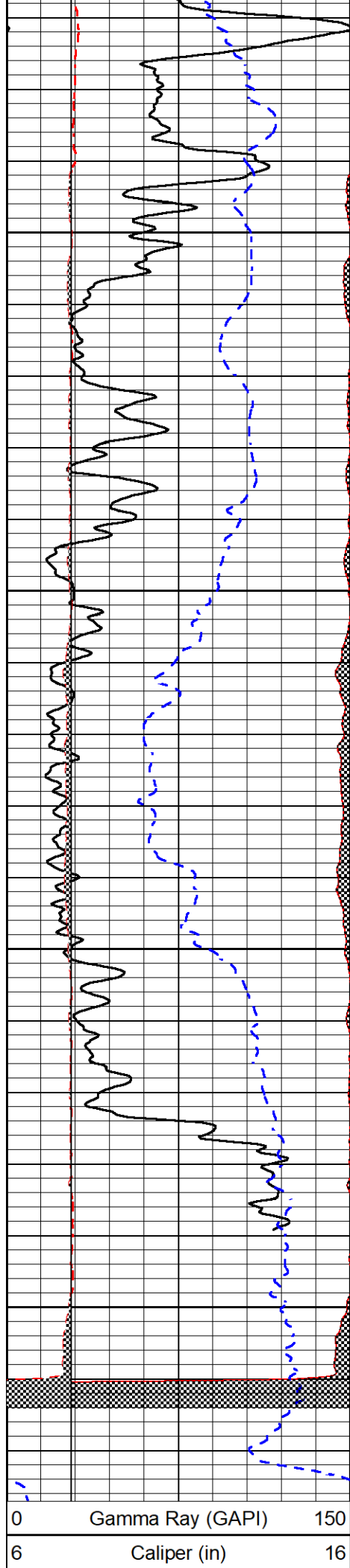
Database File griffin_hope #3x.db
 Dataset Pathname StkMI/pass2.1
 Presentation Format _micro
 Dataset Creation Wed Jun 21 05:24:45 2023
 Charted by Depth in Feet scaled 1:240



4500



4550



2.875	mcal (in)	7.875	10000	Line Weight (lb)	0
-200	sp (mV)	0			

Calibration Report

Database File griffin_hope #3x.db
Dataset Pathname Micro/pass3.3
Dataset Creation Wed Jun 21 07:20:05 2023

Microlog Calibration Report

Serial-Model: G002-GO
Performed: Tue Jun 6 23:40:56 2023

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	-0.3936	0.6257	V	0.0000	10.0000	Ohm-m	22.0000	-0.2000
Inverse	0.0179	0.4655	V	0.0000	10.0000	Ohm-m	14.0000	0.4000
Caliper	0.0072	0.0764	V	6.0000	18.0000	in	80.0000	5.0000



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Company Griffin Manangement LLC
Well Hope #3X
Field Turkey Creek East
County Barber
State Kansas