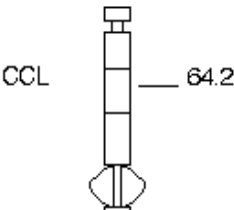
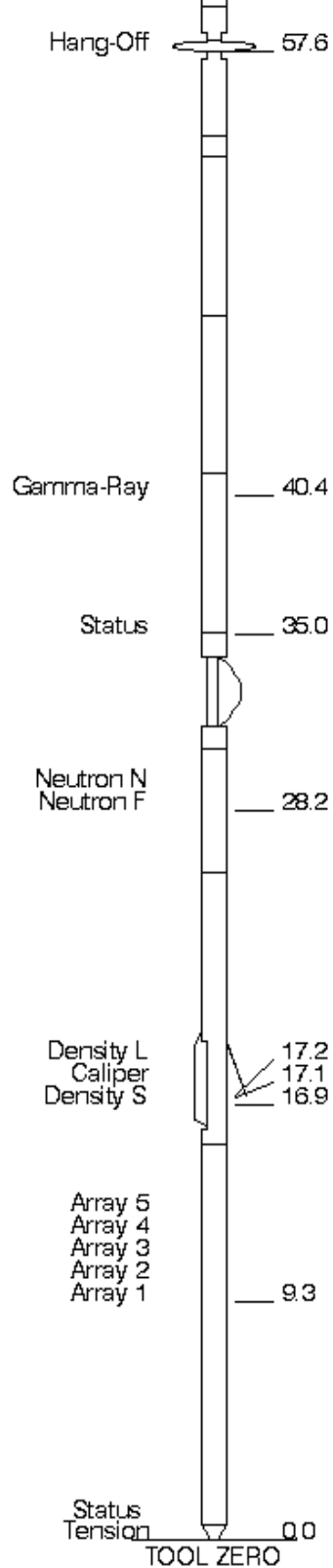


THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

EQUIPMENT DESCRIPTION		RUN 1	RUN 2
SURFACE EQUIPMENT		WITM (ThruBit)	
DOWNHOLE EQUIPMENT		TBT-A THEAD CCL BDOT-B THOT T10 1 TBAT1 TBAT2 TMC A 25	

MWGA-23
 TLE-A
 TBN-A 33
 NNLS-EWA
 TBD-A 38
 GGLS-FZ
 TBI-A 34



MAXIMUM STRING DIAMETER 2.13 IN
 MEASUREMENTS RELATIVE TO TOOL ZERO
 ALL LENGTHS IN FEET

Schlumberger

MAIN PASS

MAXIS Field Log

Company: SANDRIDGE ENERGY

Well: ROSE 3408 1-31 H

Input DLIS Files

DEFAULT	ThruBit_014PUP	FN:13	PRODUCER	17-Jun-2014 15:43	9403.0 FT	2312.0 FT
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Output DLIS Files

DEFAULT	ThruBit_015PUP	FN:14	PRODUCER	17-Jun-2014 16:00	9403.0 FT	5499.5 FT
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OP System Version: 19C2-270

TBT-A SRPC-5298-ThruBit

PIP SUMMARY

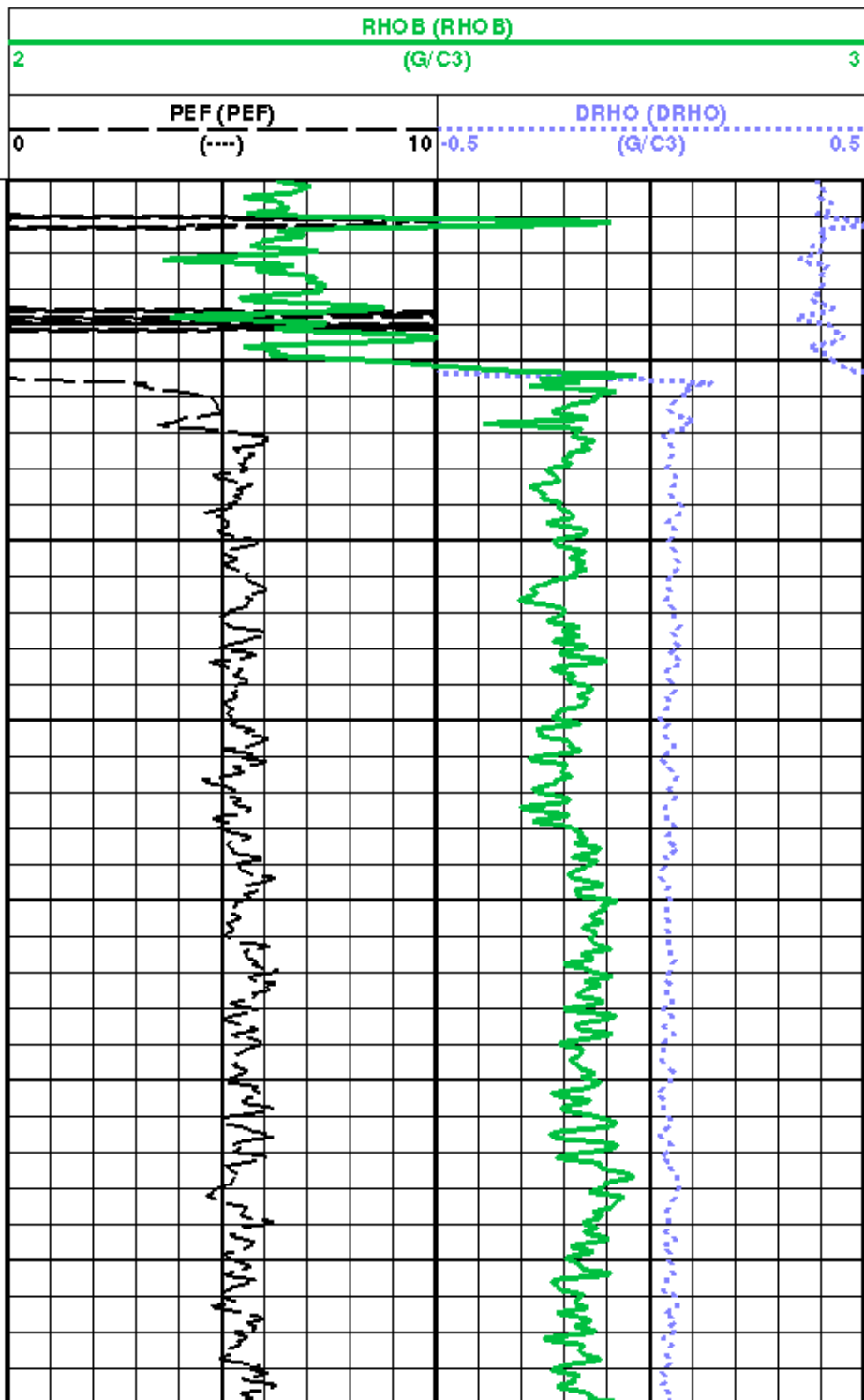
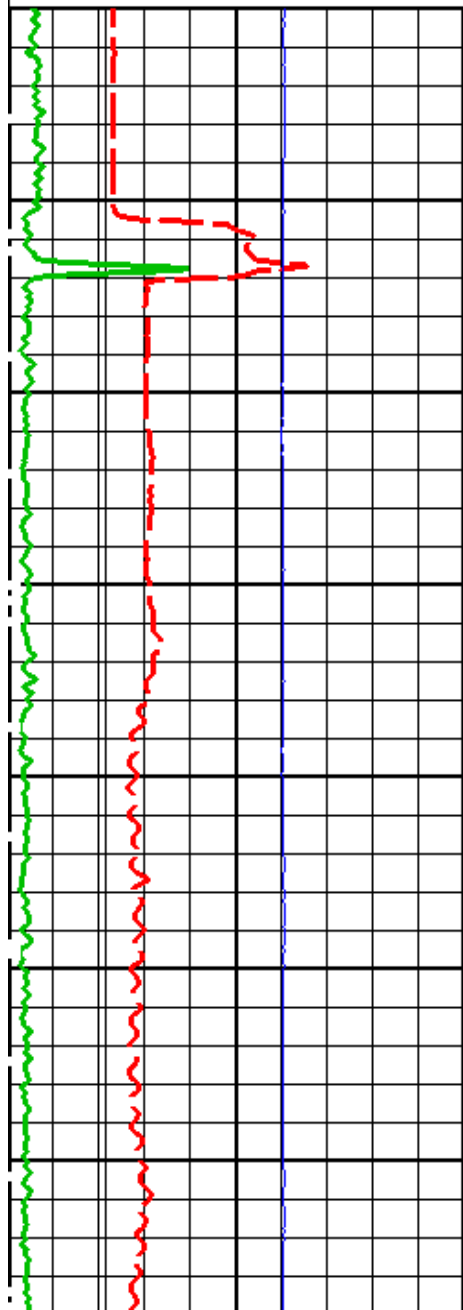
☒ Time Mark Every 60 S

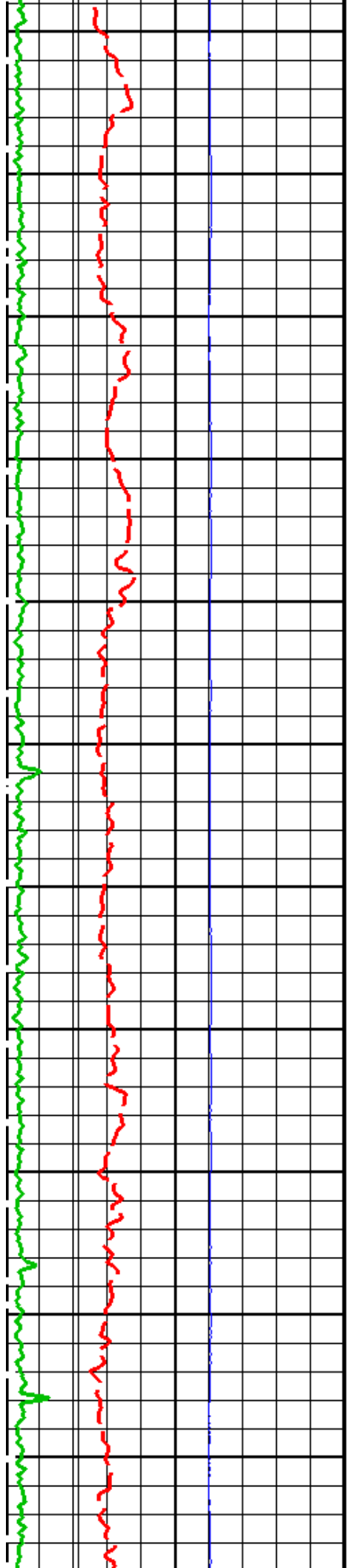
Relative Bearing	
(RB)	
0	(DEG) 940

gr wrap4
From LHT1 to GR4

gr wrap3
From LHT1 to GR3

gr wrap2 From LHT1 to GR2		
gr wrap1 From LHT1 to GR1		
Gamma Ray (GR)		
0	(GAPI)	150
Caliper (CALI)		
4	(IN)	14
Gamma Ray 4 (GR)		
600	(GAPI)	750
Gamma Ray 3 (GR)		
450	(GAPI)	600
Gamma Ray 2 (GR)		
300	(GAPI)	450
Gamma Ray 1 (GR)		
150	(GAPI)	300
Bit Size (BS)		
4	(IN)	14





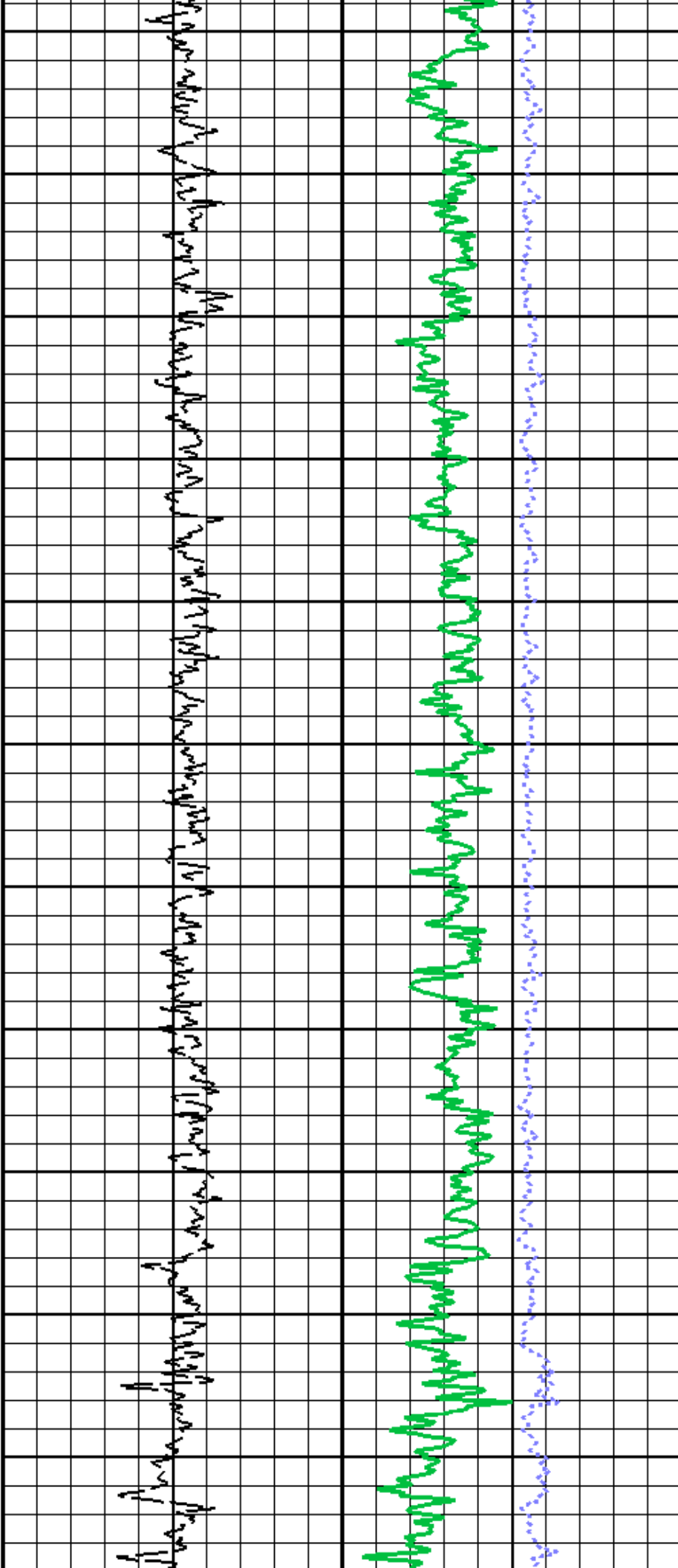
5900

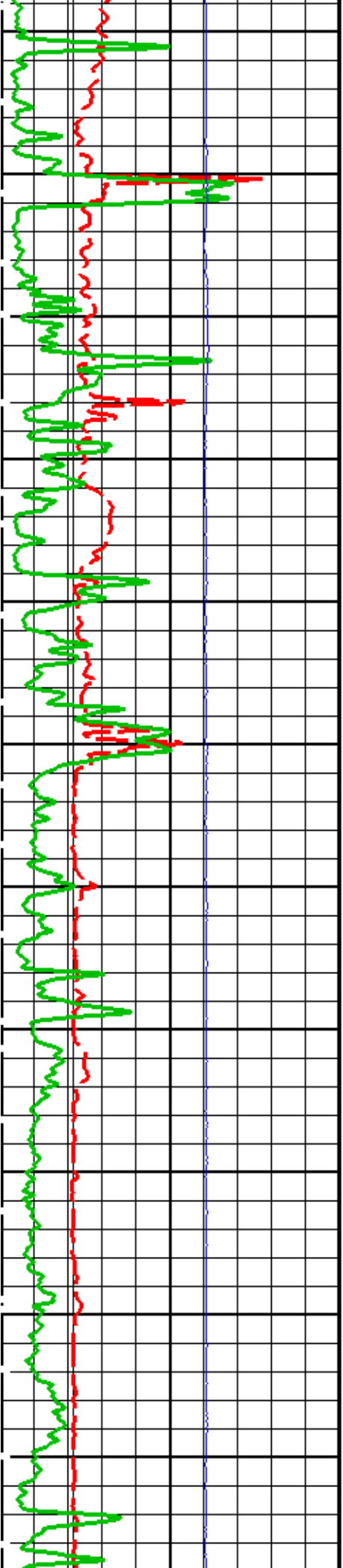
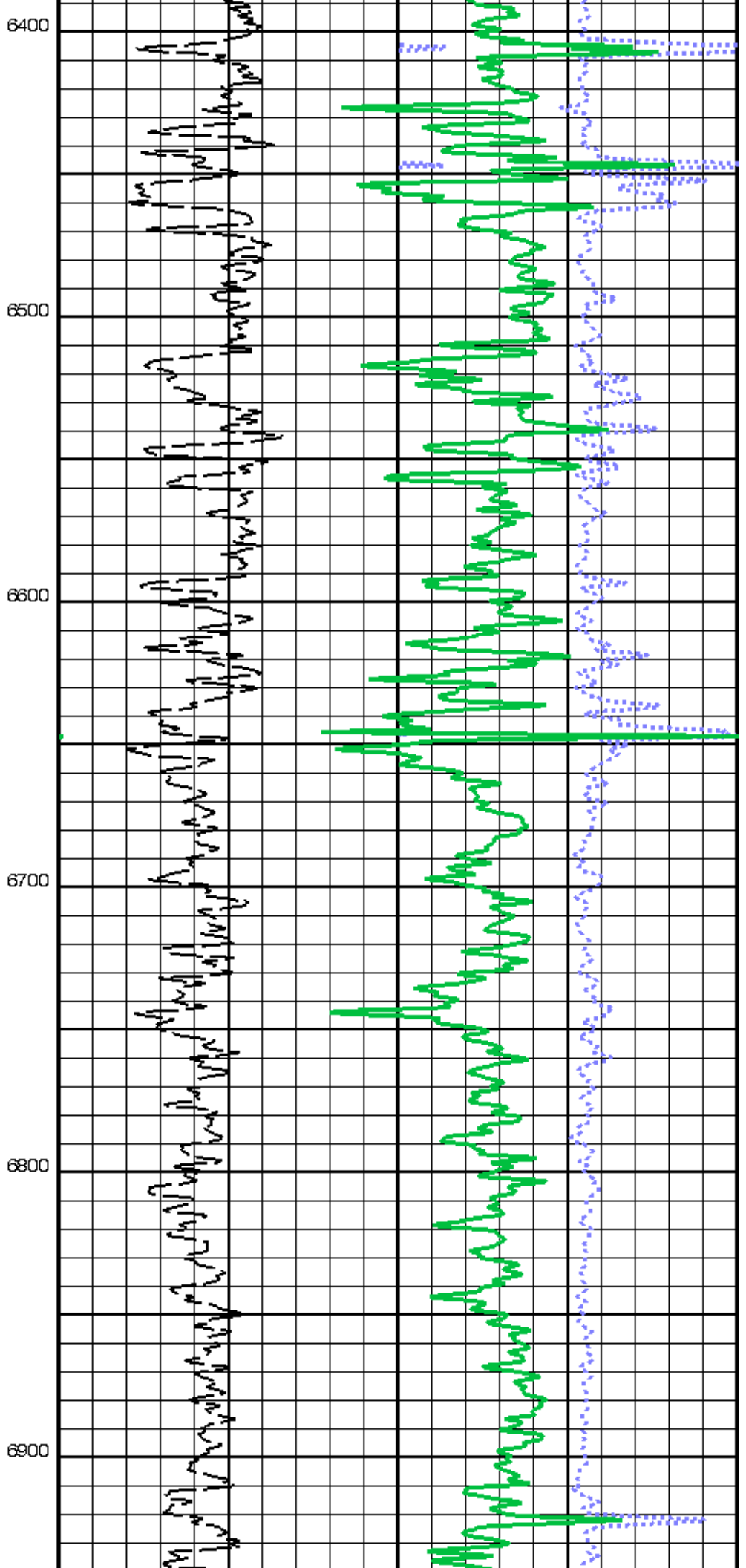
6000

6100

6200

6300





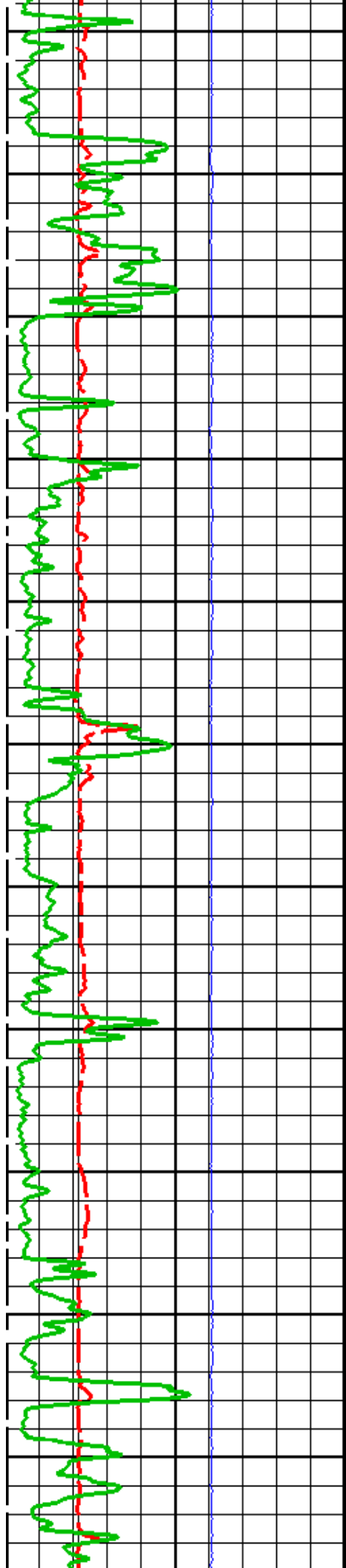
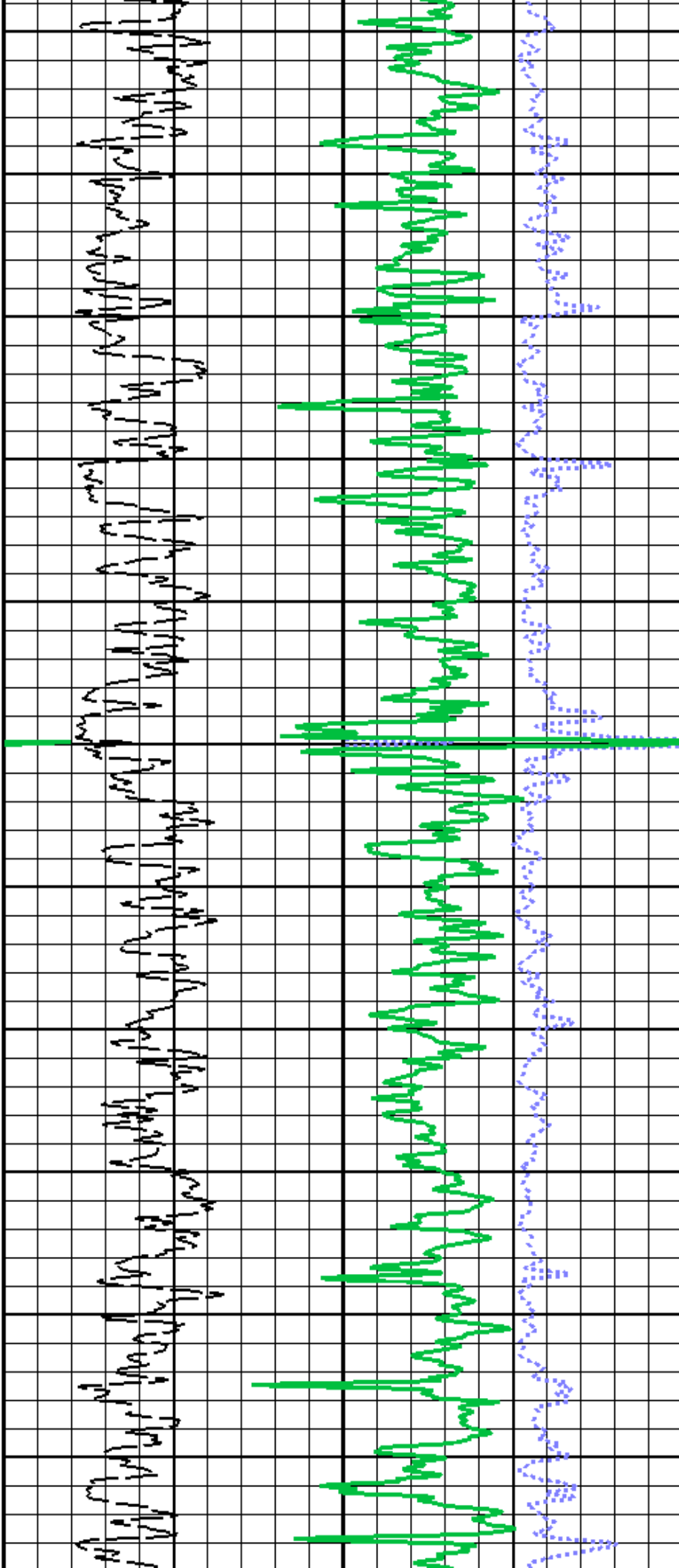
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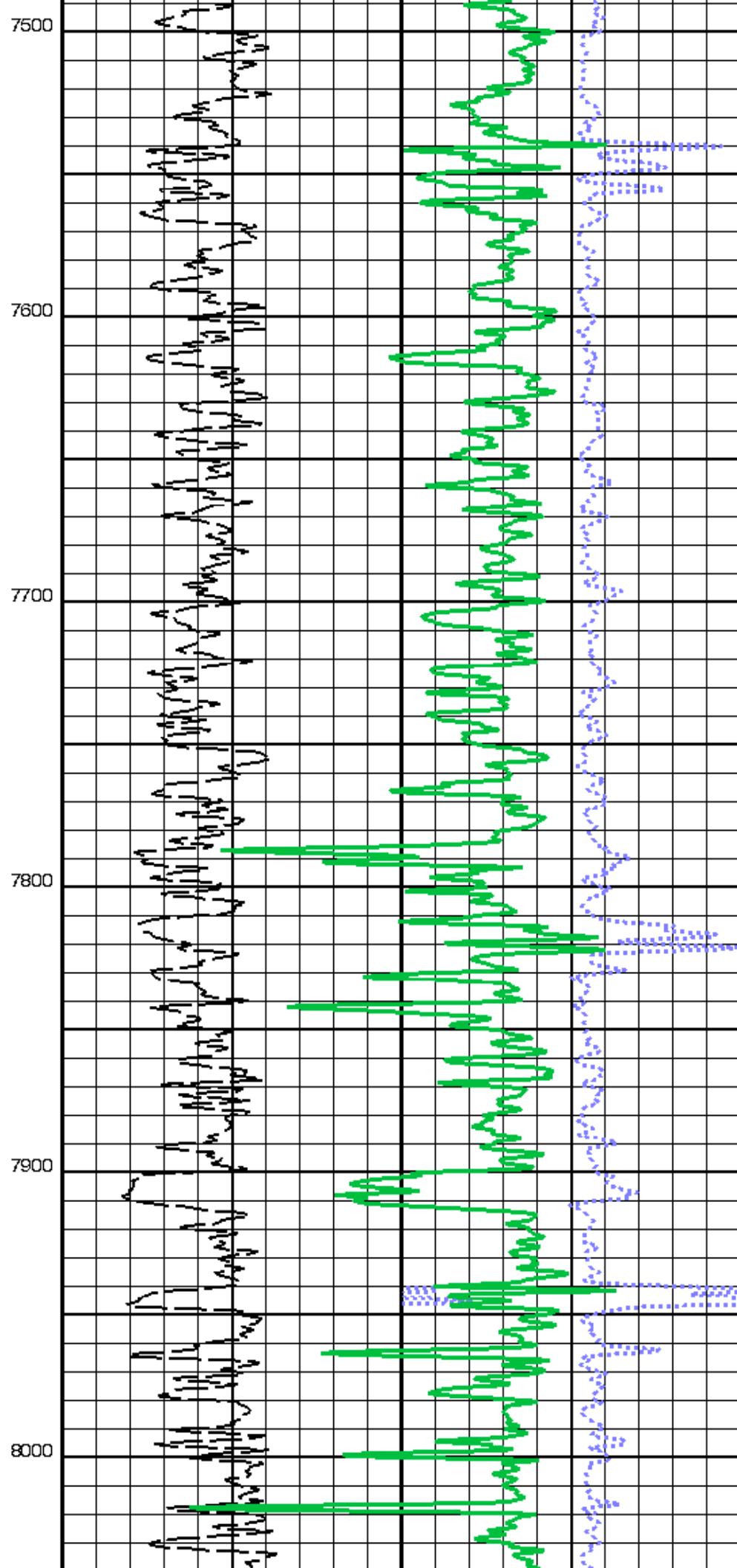
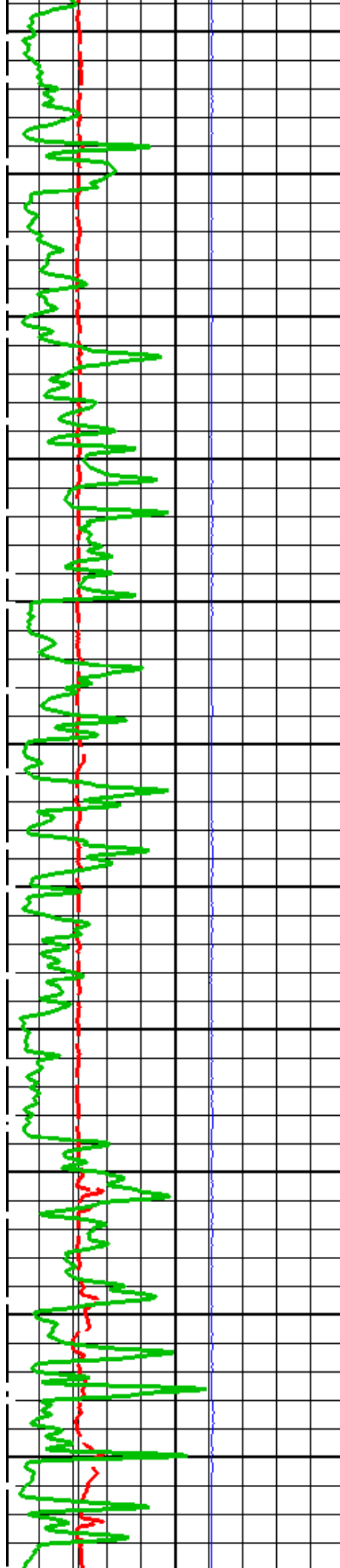
7100

7200

7300

7400





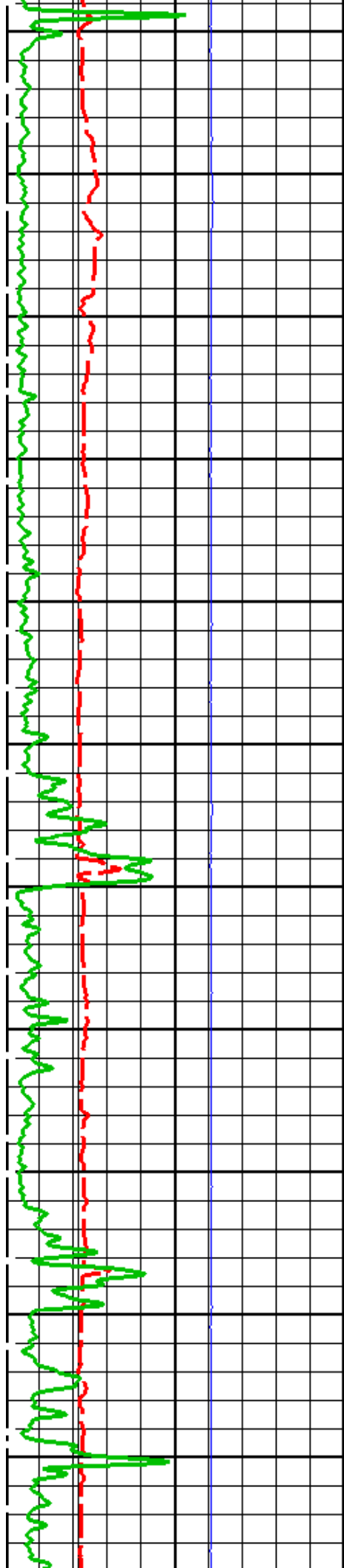
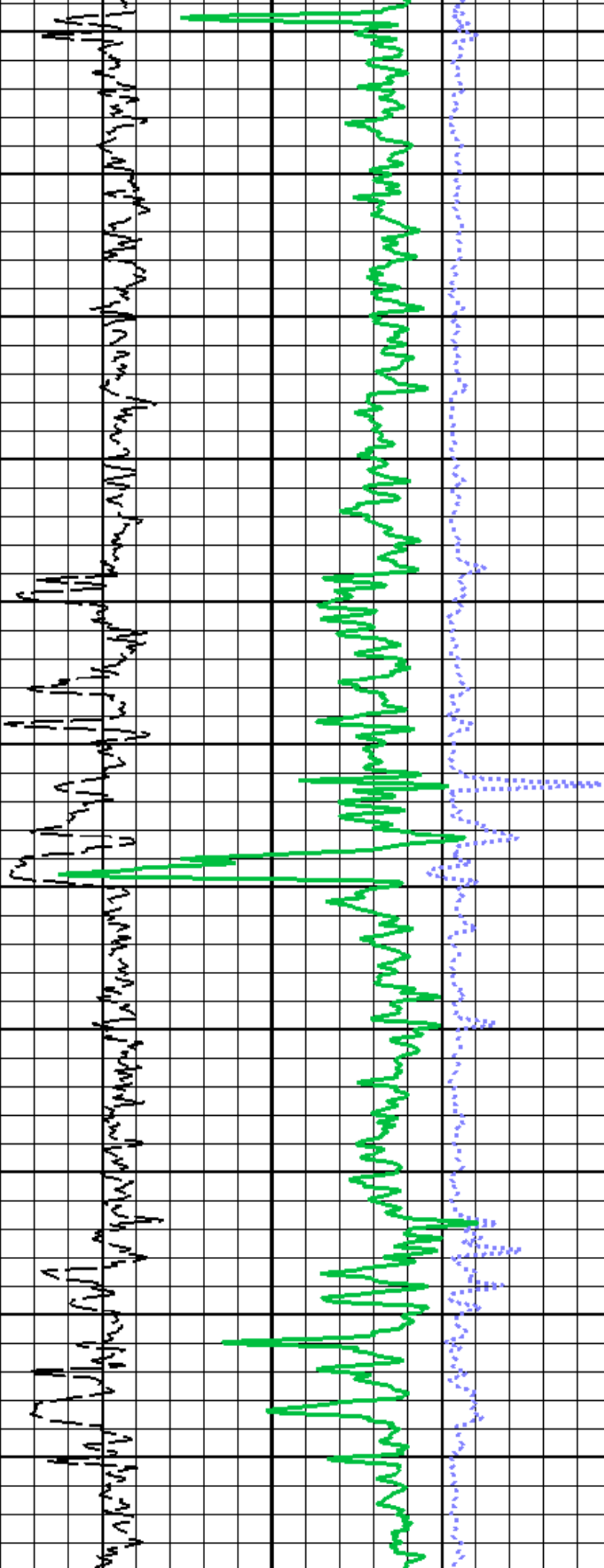
8100

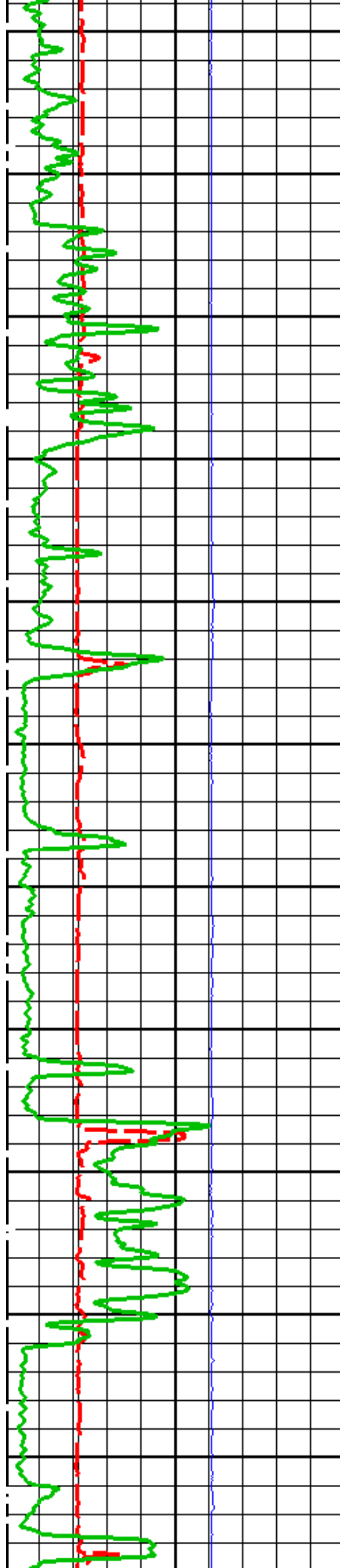
8200

8300

8400

8500





8600

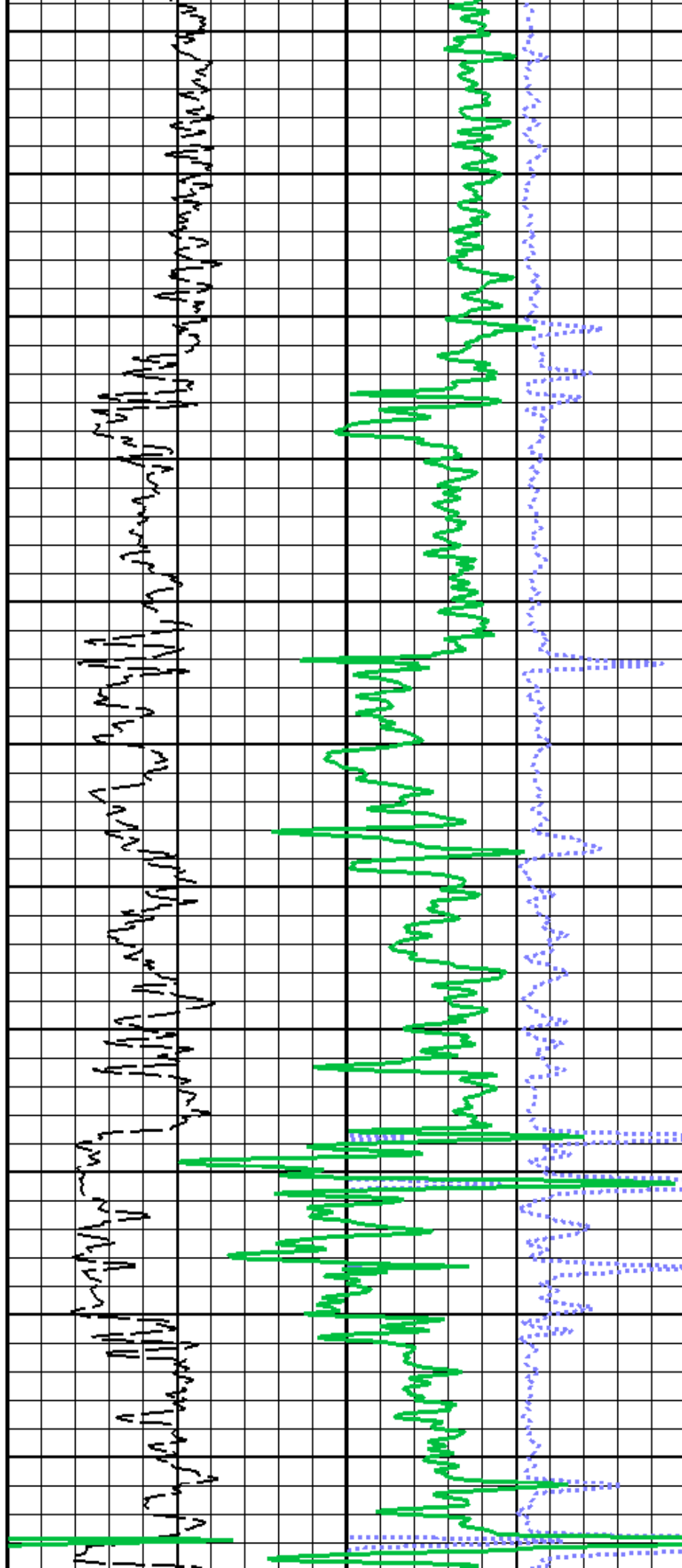
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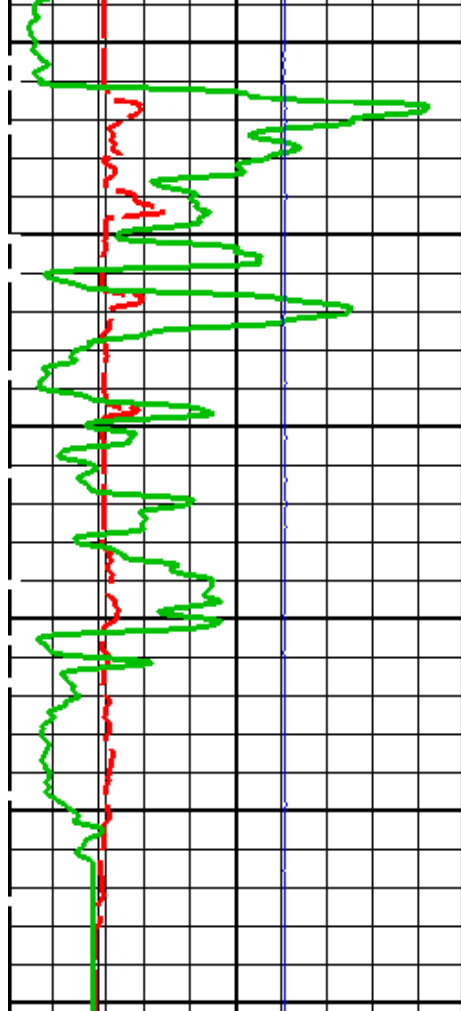
8800

8900

9000

9100





Bit Size (BS)
(IN)

Gamma Ray 1 (GR)
(GAPI)

Gamma Ray 2 (GR)
(GAPI)

Gamma Ray 3 (GR)
(GAPI)

Gamma Ray 4 (GR)
(GAPI)

Caliper (CALI)
(IN)

Gamma Ray (GR)
(GAPI)

gr wrap1
From LHT1 to GR1

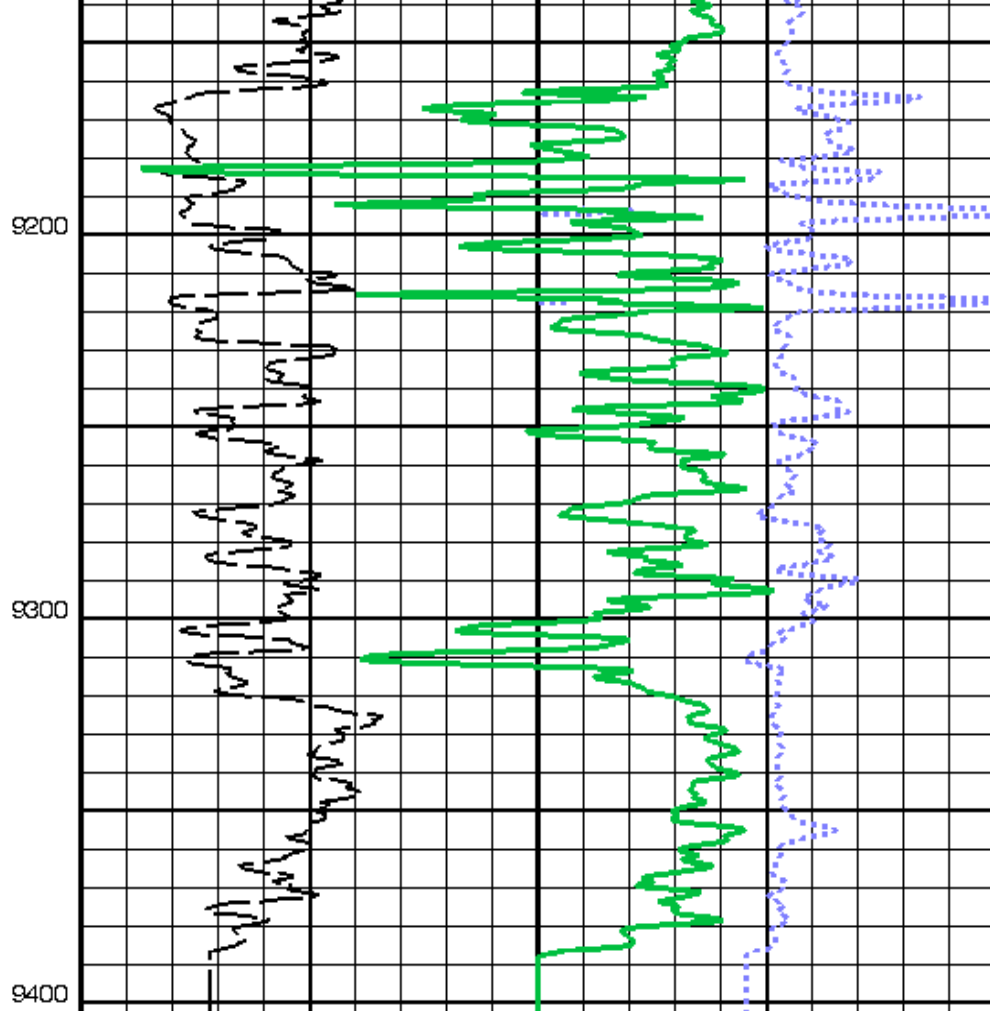
gr wrap2
From LHT1 to GR2

gr wrap3
From LHT1 to GR3

gr wrap4
From LHT1 to GR4

Relative Bearing
(RB)

(DEG)



PEF (PEF)
(---)

RHO B (RHO B)
(G/C3)

DRHO (DRHO)
(G/C3)

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
TBT-A: ThruBit String		
DHC	Density Hole Correction	BS
RB_OFFSET	Additional RB offset (degrees)	0 DEG
TBD_CAL_BLOCK	TBD Calibration Block Type	ThruBit
TBD_SPIKE_REJECT	TBD Spike Detection Option	Detect
TBD_SPIKE_THRESHOLD	TBD Attenuation Change Threshold for Spike Detection	5 %
WMUD	Mud Weight	8.345 LB/G
DIR: Directional Survey Computation		
SPVD	TVD of Starting Point	0 FT
TIM D	Along-hole depth of Tie-in Point	0 FT
TVD	TVD of Tie-in Point	0 FT
System and Miscellaneous		
BS	Bit Size	6.125 IN
DO	Depth Offset for Playback	0.0 FT
PP	Playback Processing	NORMAL

Format: TB_2INCH_NUCLEAR

Vertical Scale: 2" per 100'

Graphics File Created: 17-Jun-2014 16:00

OP System Version: 19C2-270

TBT-A SRPC-5298-ThruBit

Input DLIS Files

DEFAULT	ThruBit_014PUP	FN:13	PRODUCER	17-Jun-2014 15:43	9403.0 FT	2312.0 FT
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Output DLIS Files

DEFAULT	ThruBit_015PUP	FN:14	PRODUCER	17-Jun-2014 16:00
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Schlumberger

MAIN PASS

MAXIS Field Log

Company: SANDRIDGE ENERGY

Well: ROSE 3408 1-31 H

Input DLIS Files

DEFAULT	ThruBit_014PUP	FN:13	PRODUCER	17-Jun-2014 15:43	9403.0 FT	2312.0 FT
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Output DLIS Files

DEFAULT	ThruBit_016PUP	FN:15	PRODUCER	17-Jun-2014 16:10	9403.0 FT	2500.5 FT
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Integrated Hole/Cement Volume Summary

Hole Volume = 866.54 F3

Cement Volume = 441.06 F3 (assuming 4.50 IN casing O.D.)

Computed from 9403.0 FT to 5551.0 FT using data channel(s) CALI

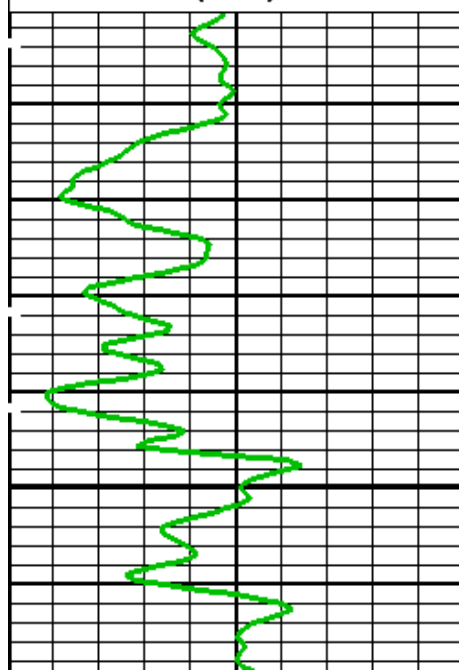
OP System Version: 19C2-270

PIP SUMMARY

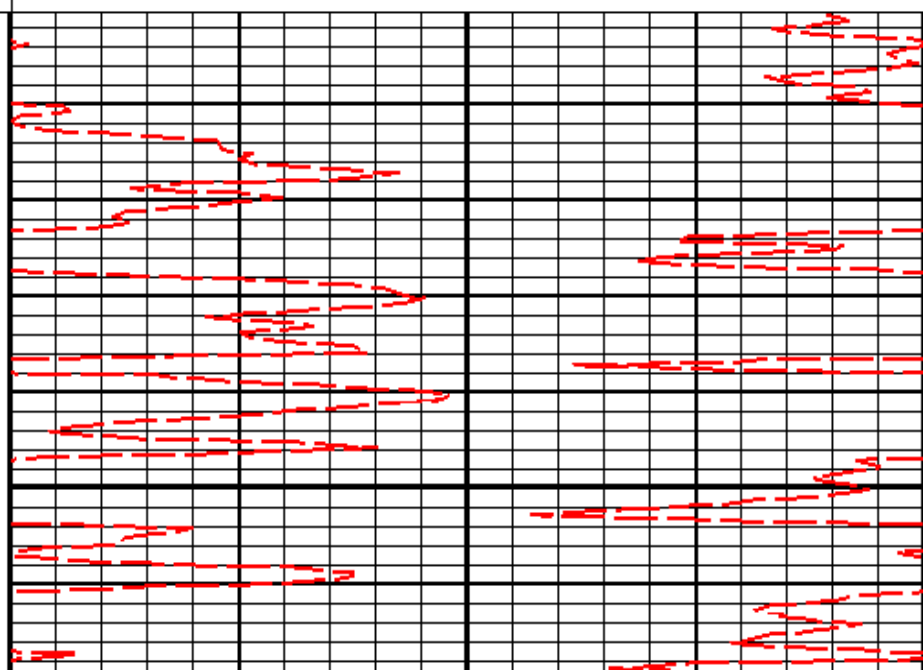
- Integrated Cement Volume Major Pip Every 100 F3
- Integrated Cement Volume Minor Pip Every 10 F3
- Integrated Hole Volume Major Pip Every 100 F3
- Integrated Hole Volume Minor Pip Every 10 F3

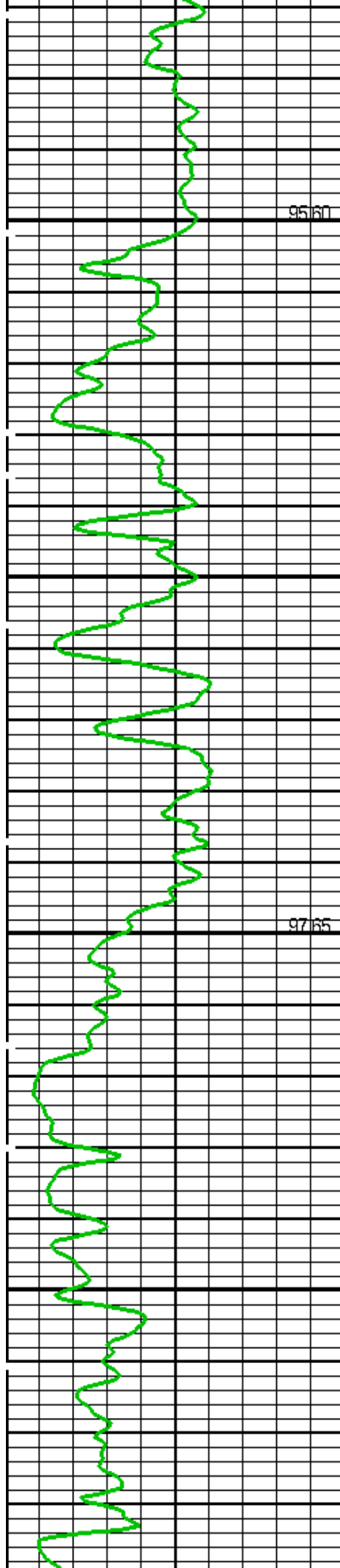
Time Mark Every 60 S

Relative Bearing (RB)	
0	940
(DEG)	
gr wrap4 From LHT1 to GR4	
gr wrap3 From LHT1 to GR3	
gr wrap2 From LHT1 to GR2	
gr wrap1 From LHT1 to GR1	
Gamma Ray (GR)	
0	150
(GAPI)	
Caliper (CALI)	
4	14
(IN)	
Gamma Ray 4 (GR)	
600	750
(GAPI)	
Gamma Ray 3 (GR)	
450	600
(GAPI)	
Gamma Ray 2 (GR)	
300	450
(GAPI)	
Gamma Ray 1 (GR)	
150	300
(GAPI)	
Bit Size (BS)	
4	14
(IN)	
GR Temp (WTEP) (DEGF)	



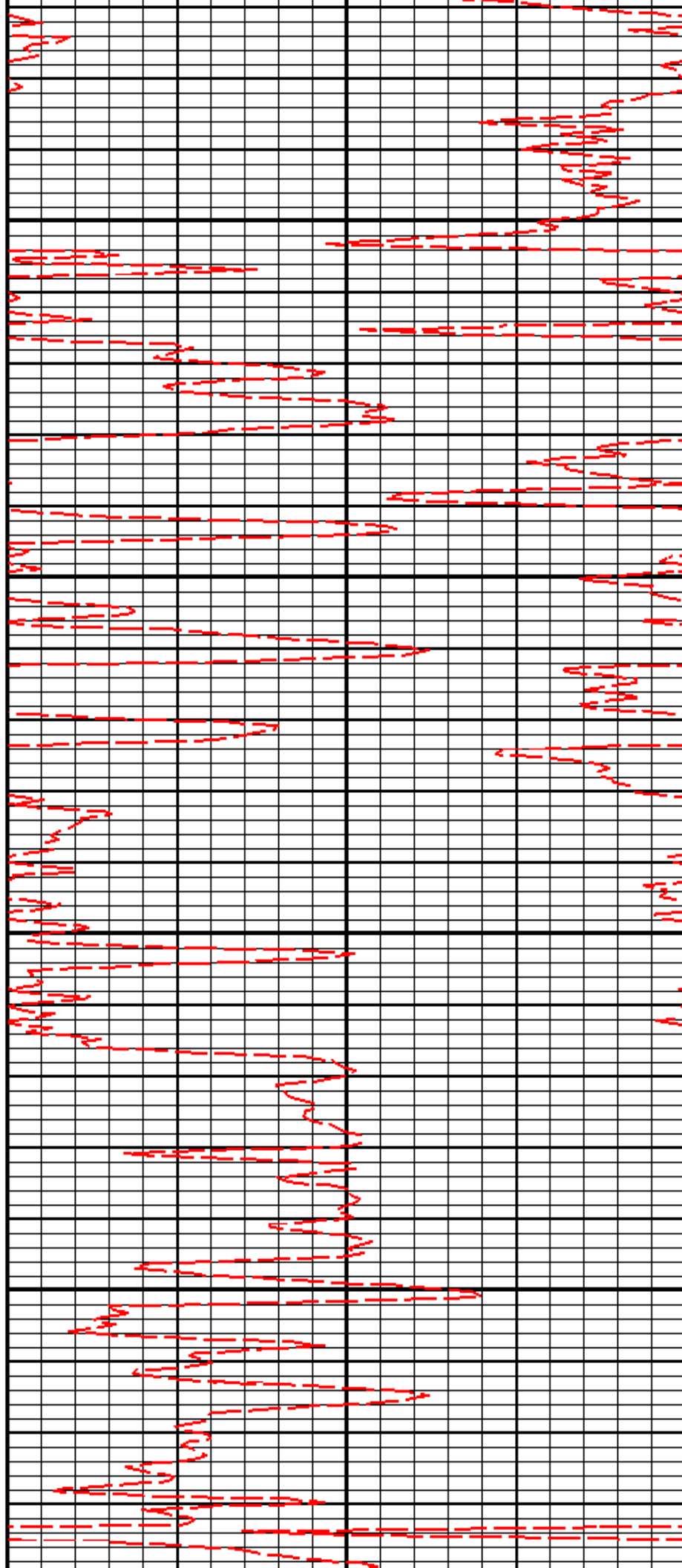
TNPH (TNPH)	
30	-10
(%)	
PEF (PEF)	
0	10
(-)	
DRHO (DRHO)	
-0.5	0.5
(G/C3)	
DPHI (DPHI)	
30	-10
(PU)	

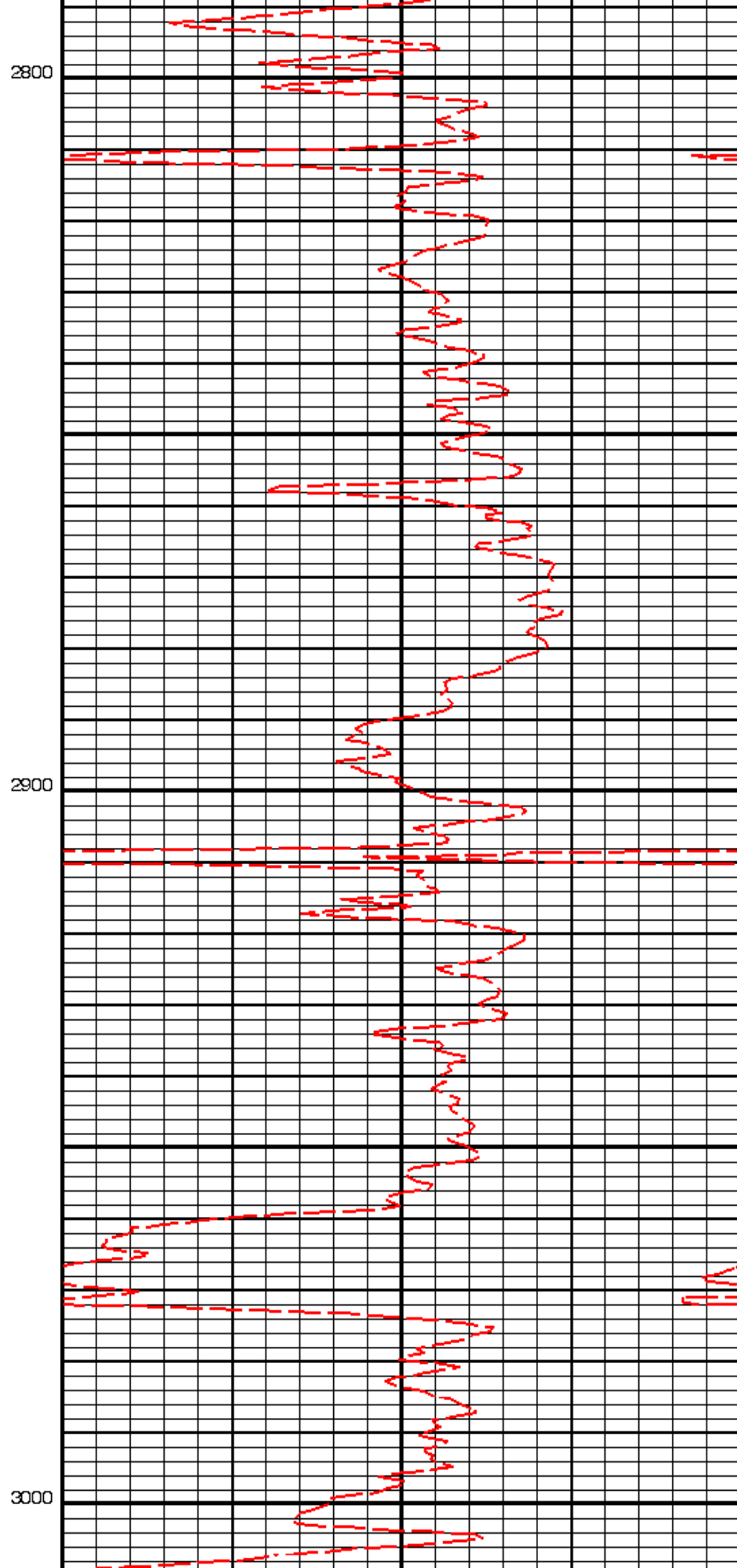
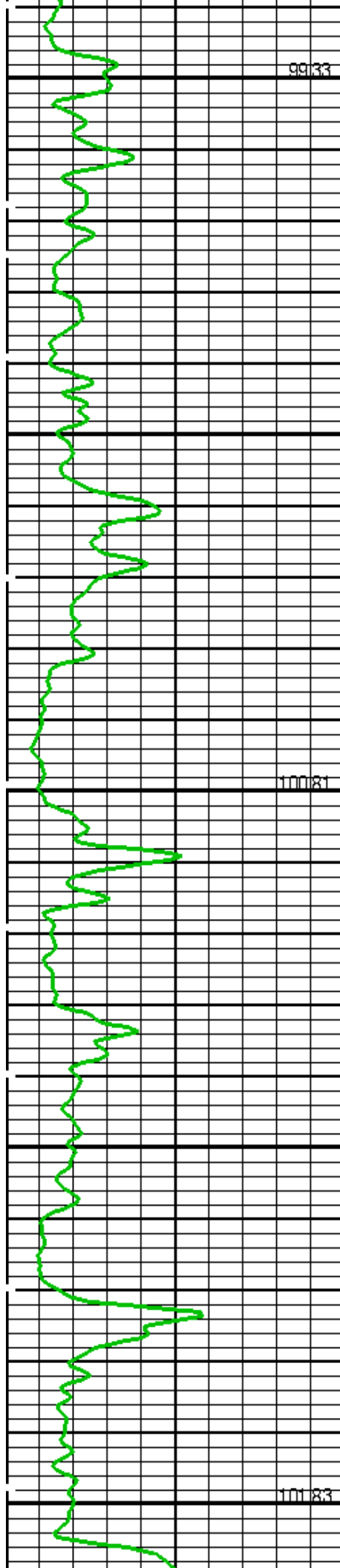


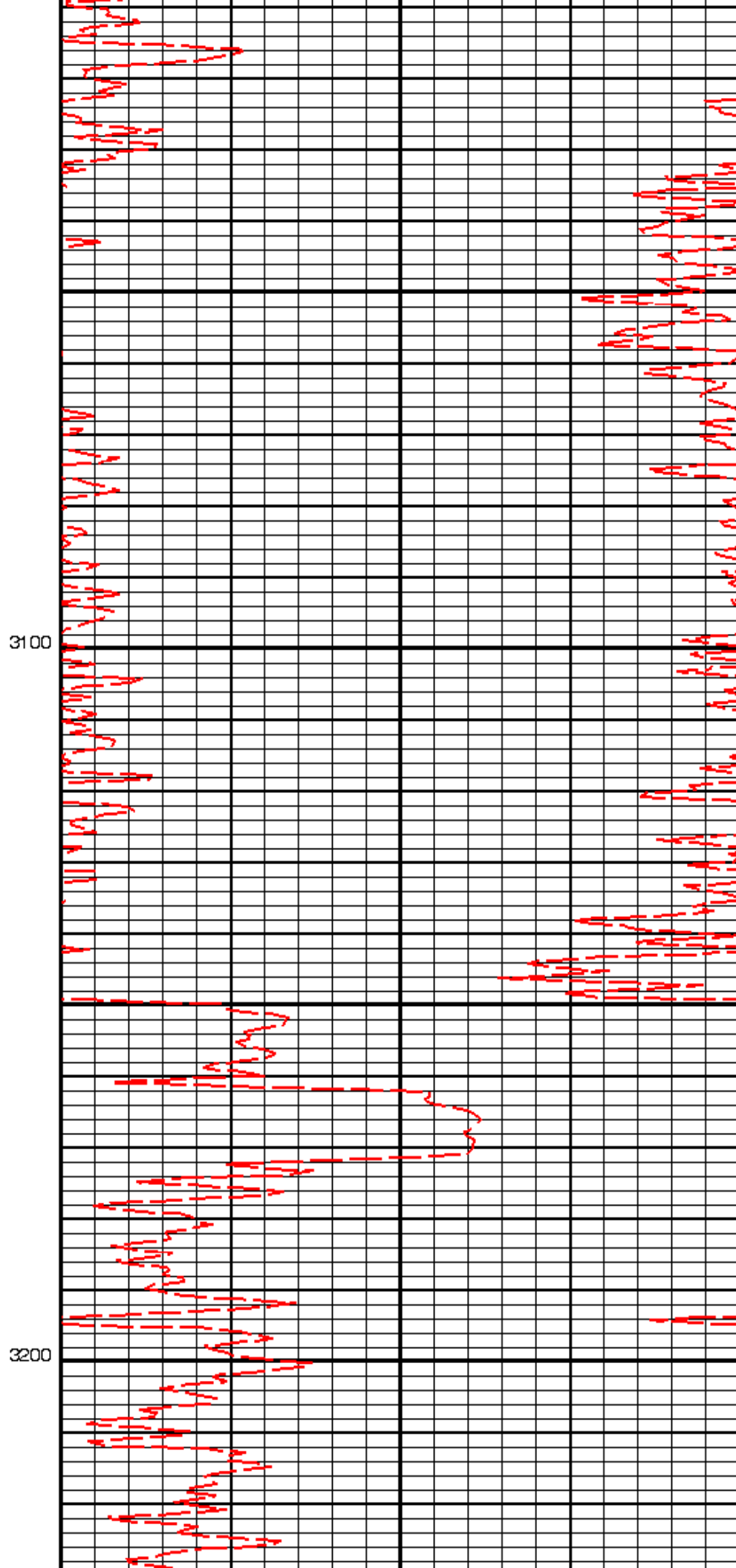
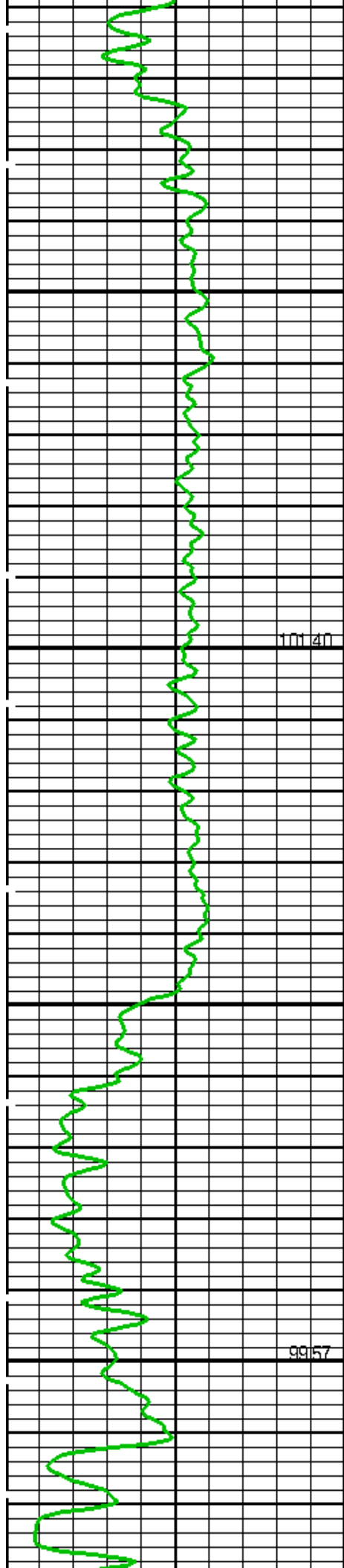


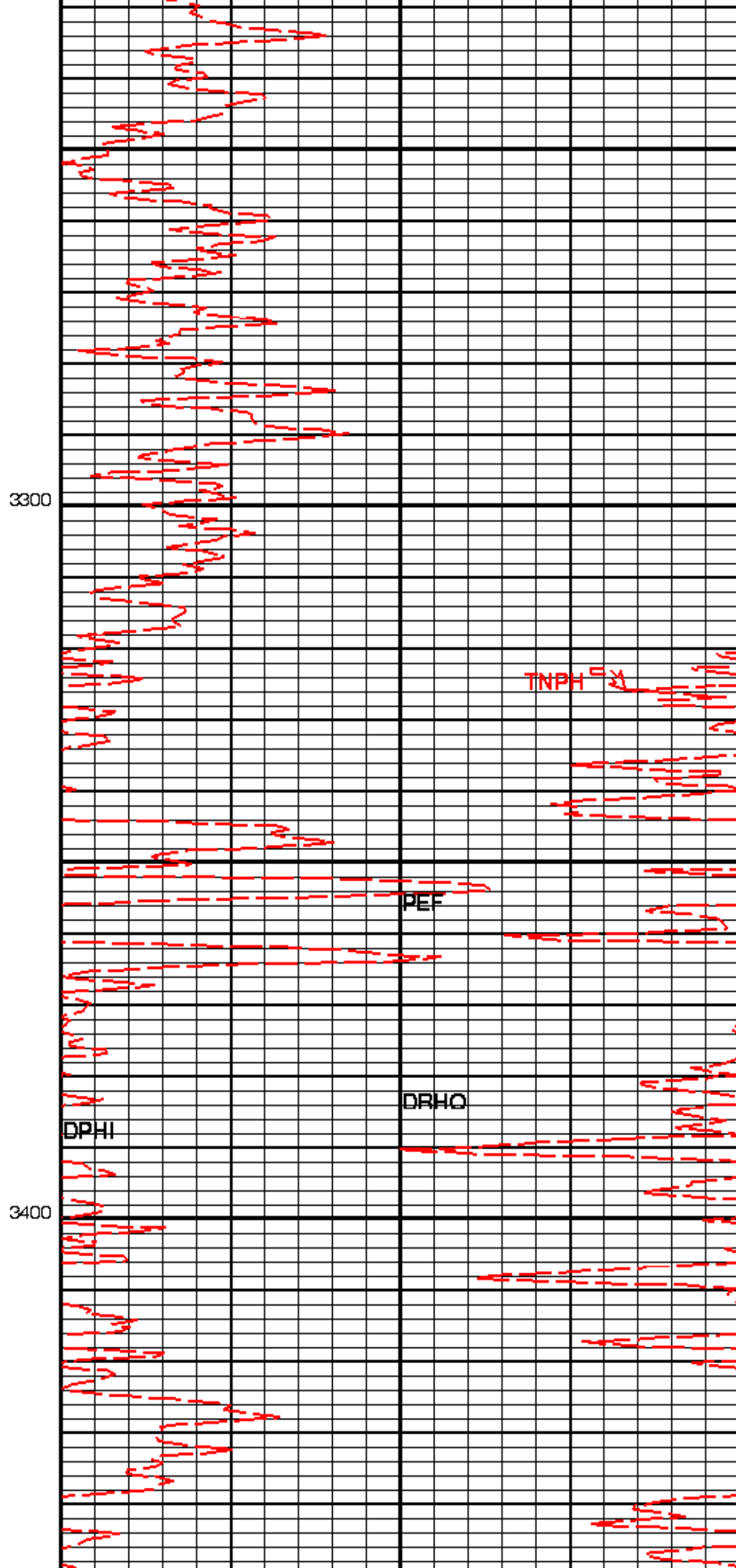
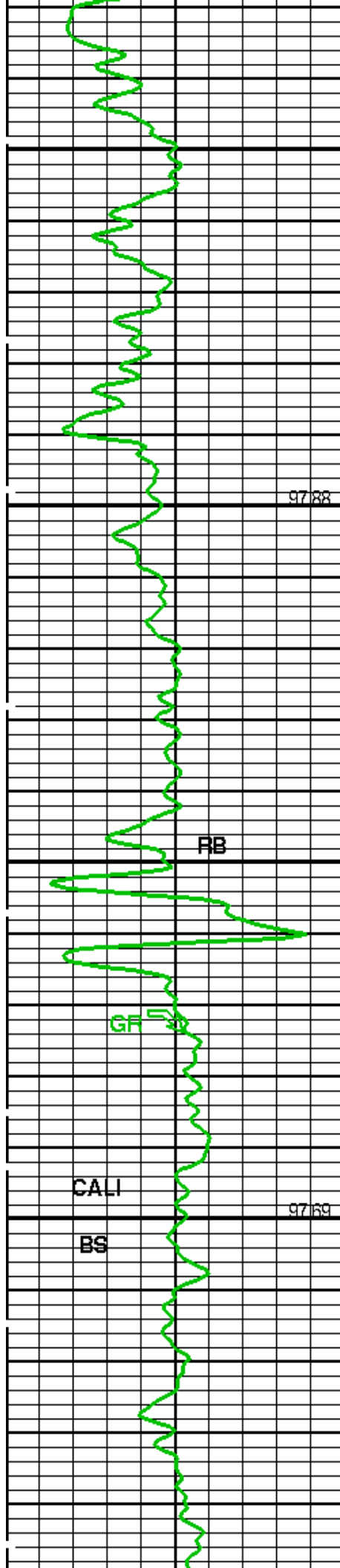
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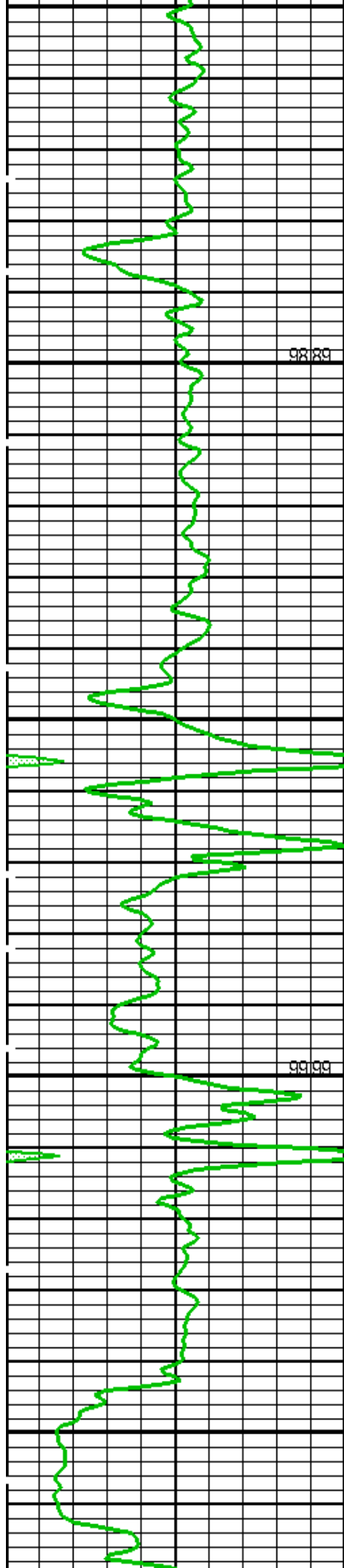
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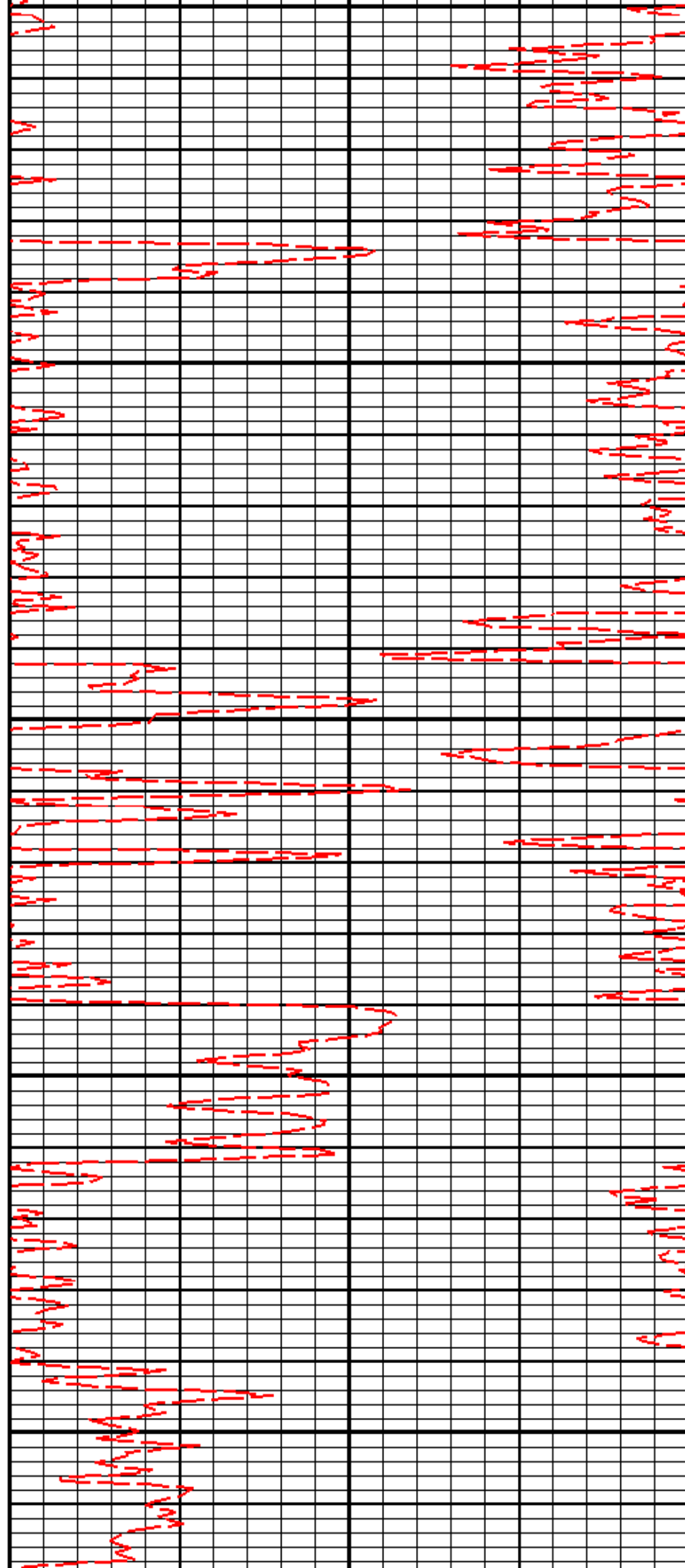


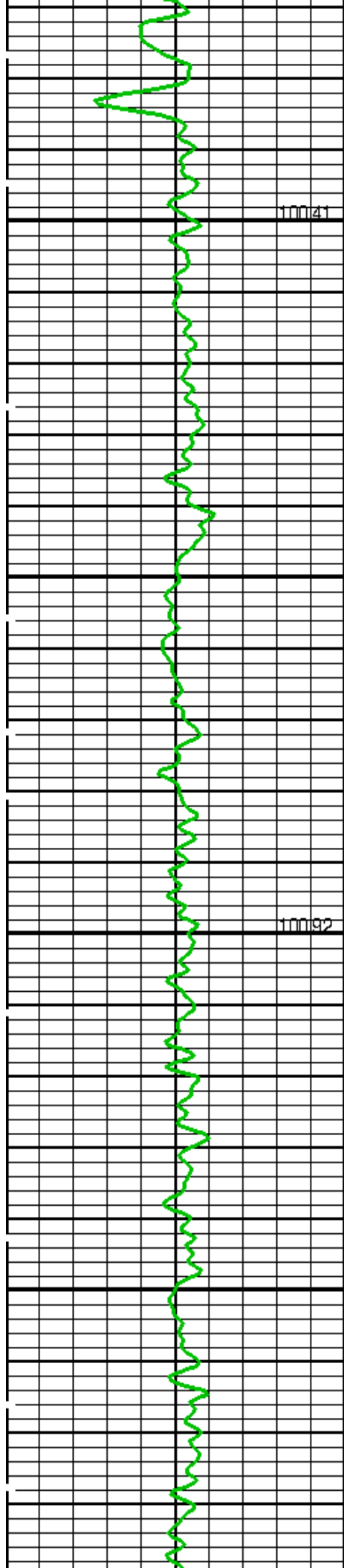




3500

3600



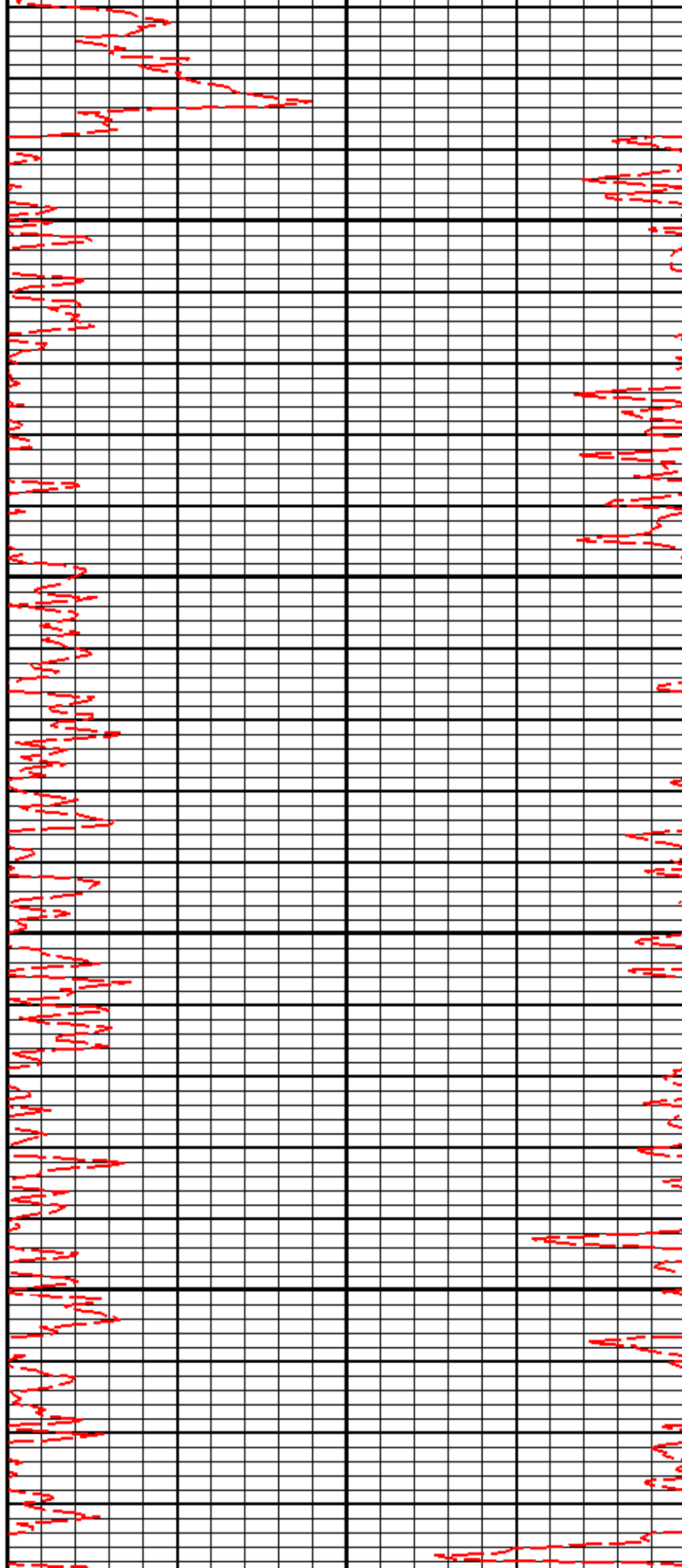


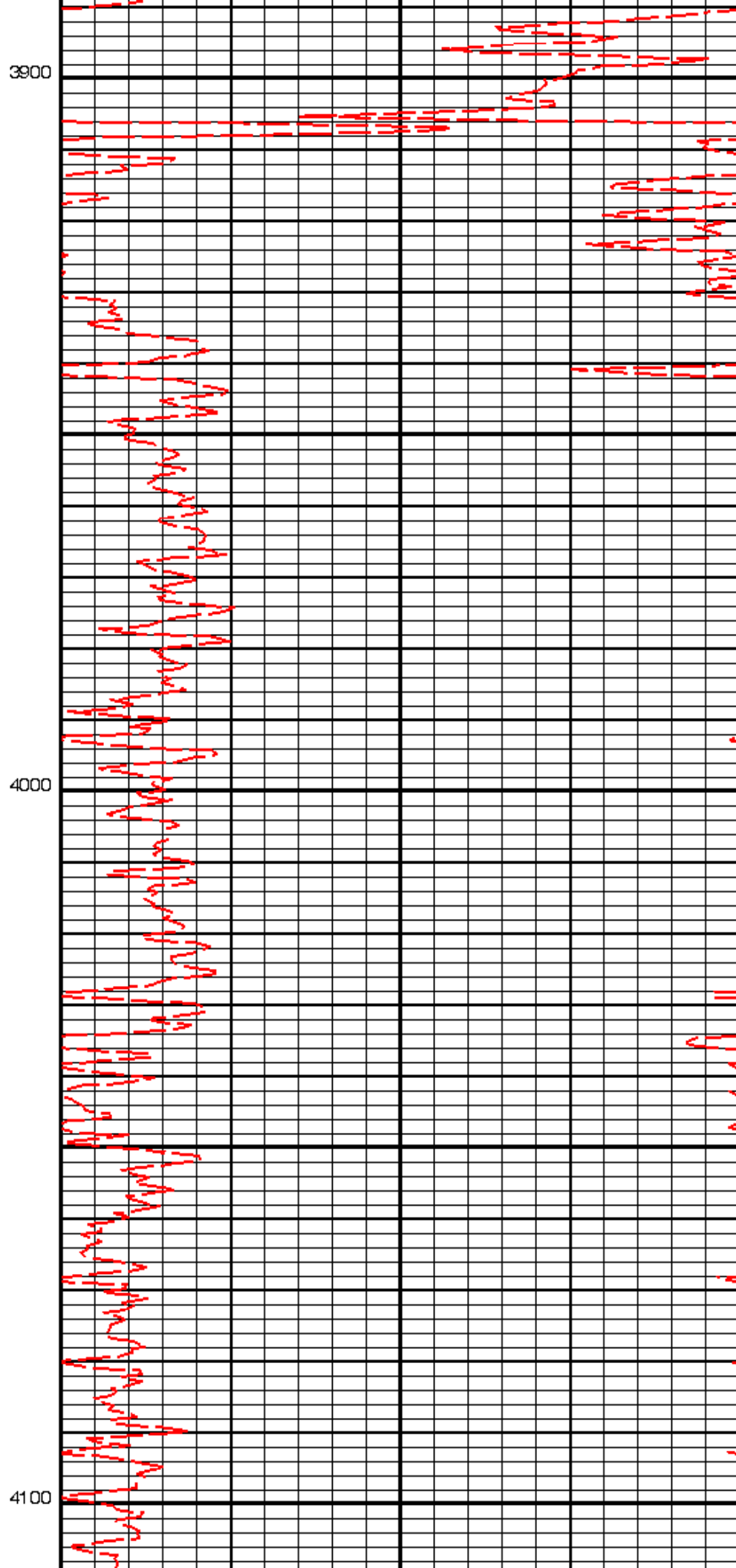
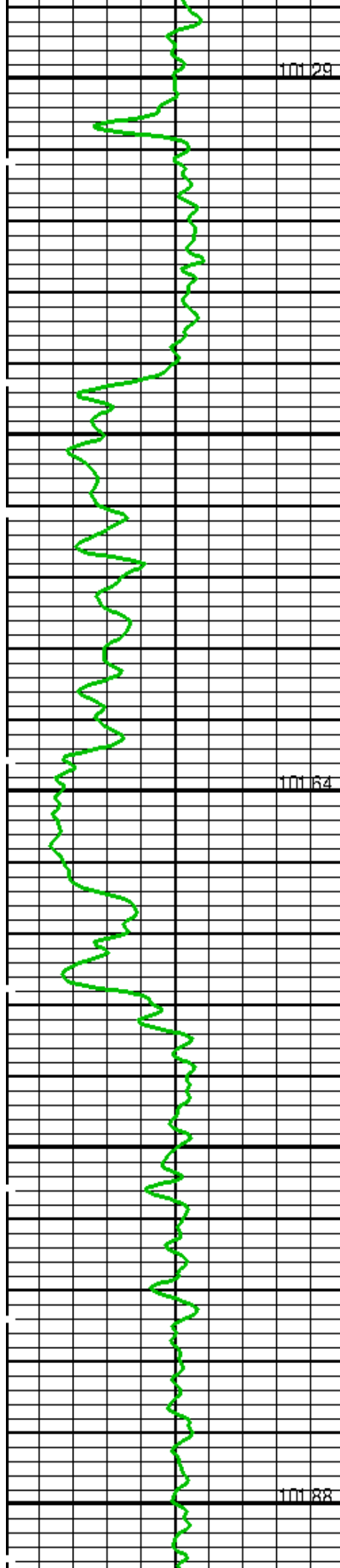
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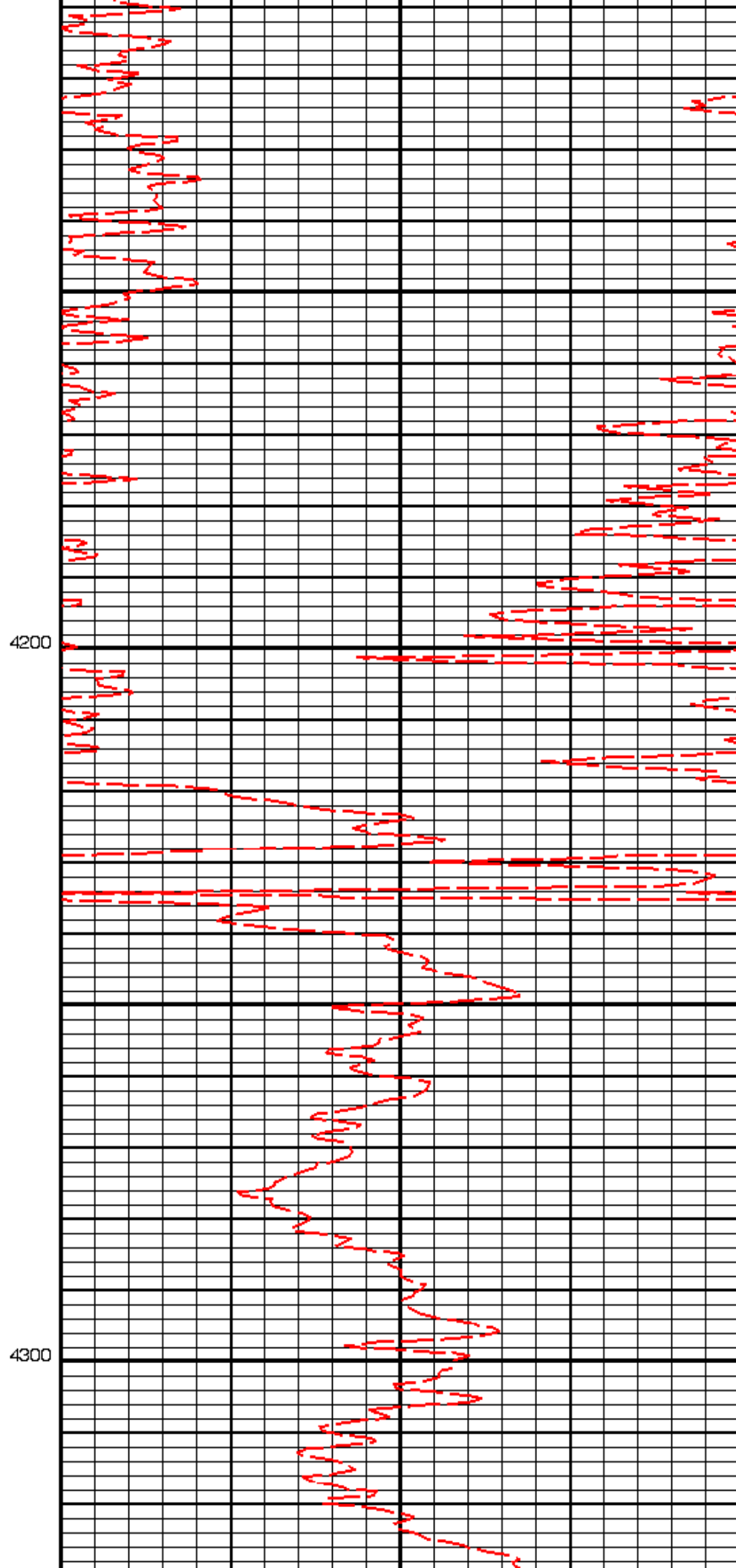
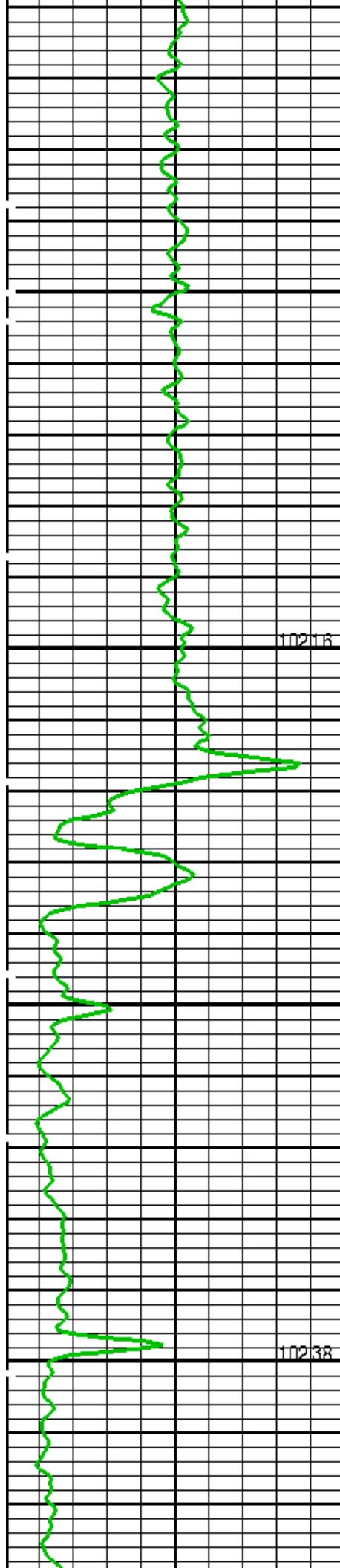
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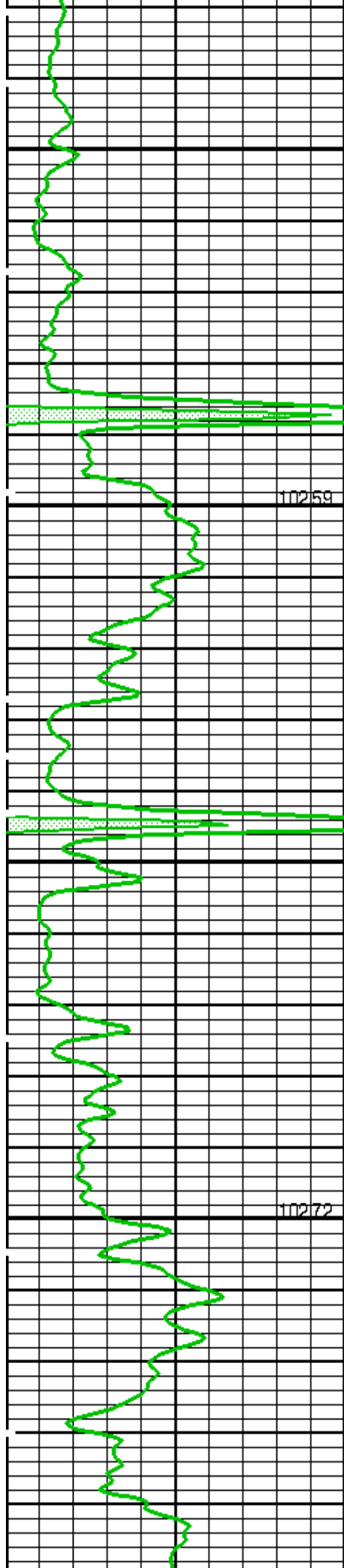
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3800



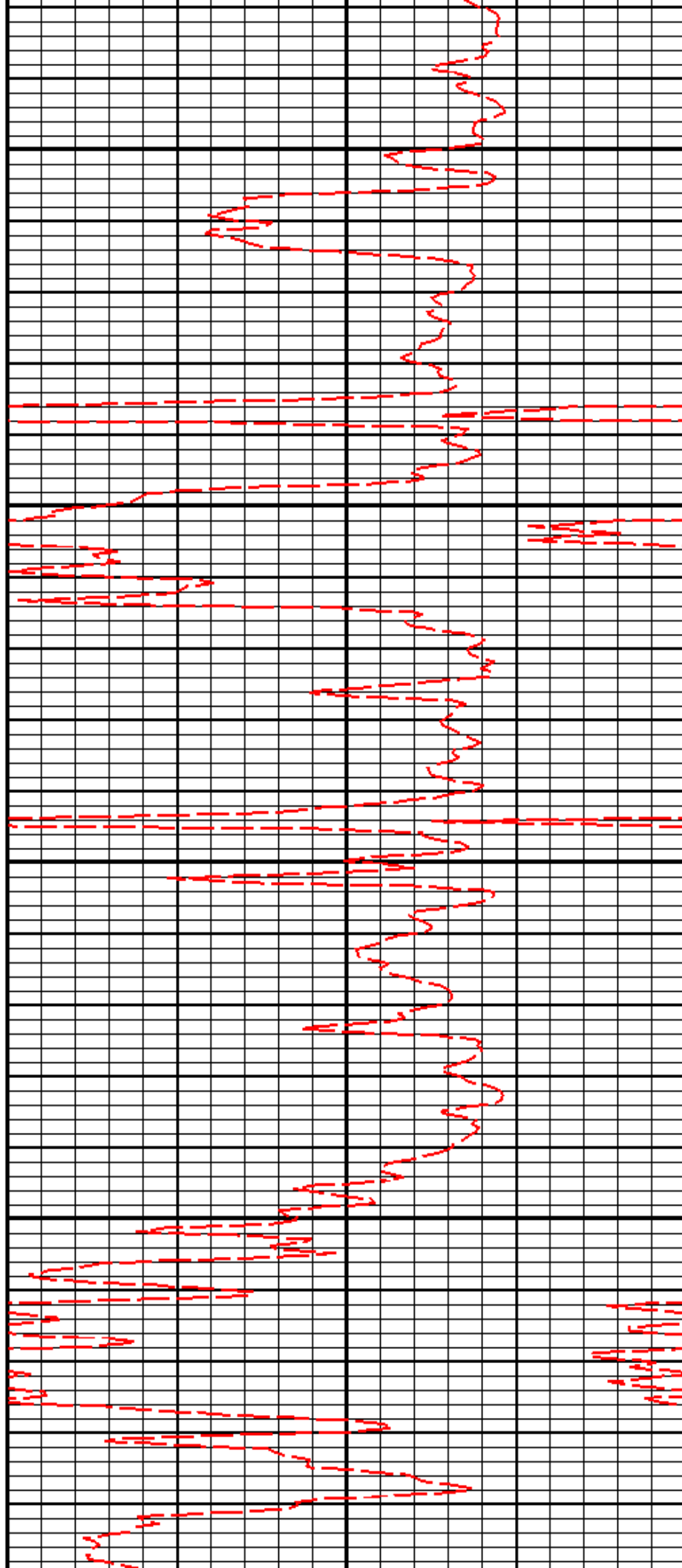


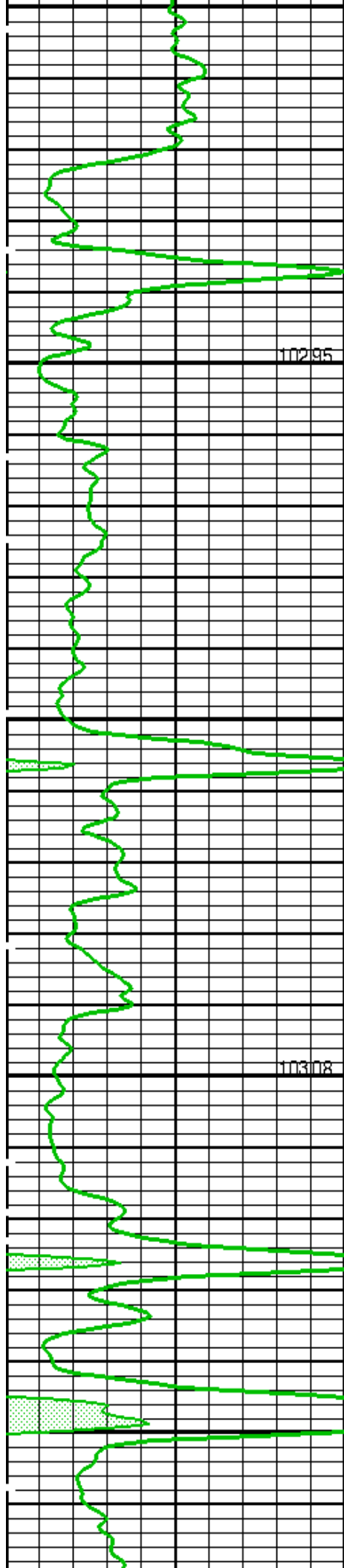




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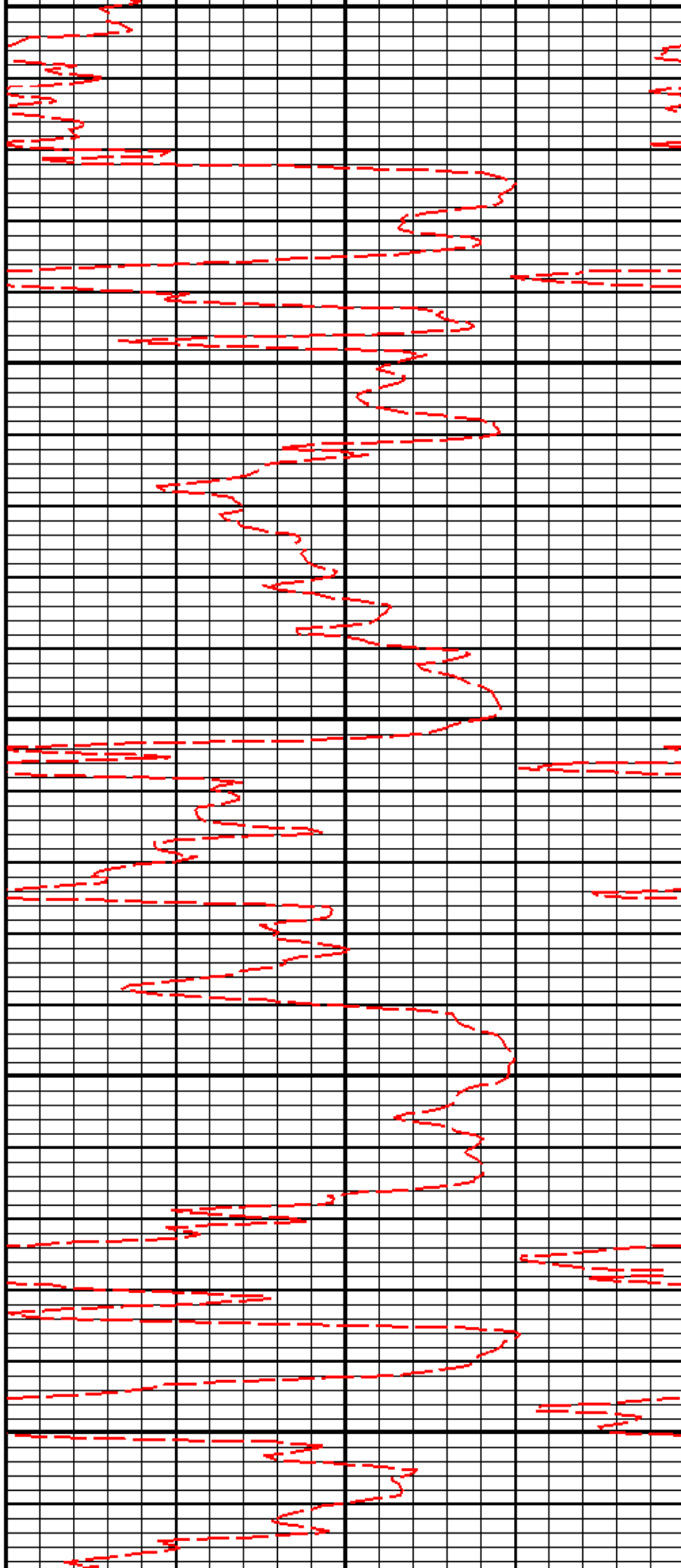
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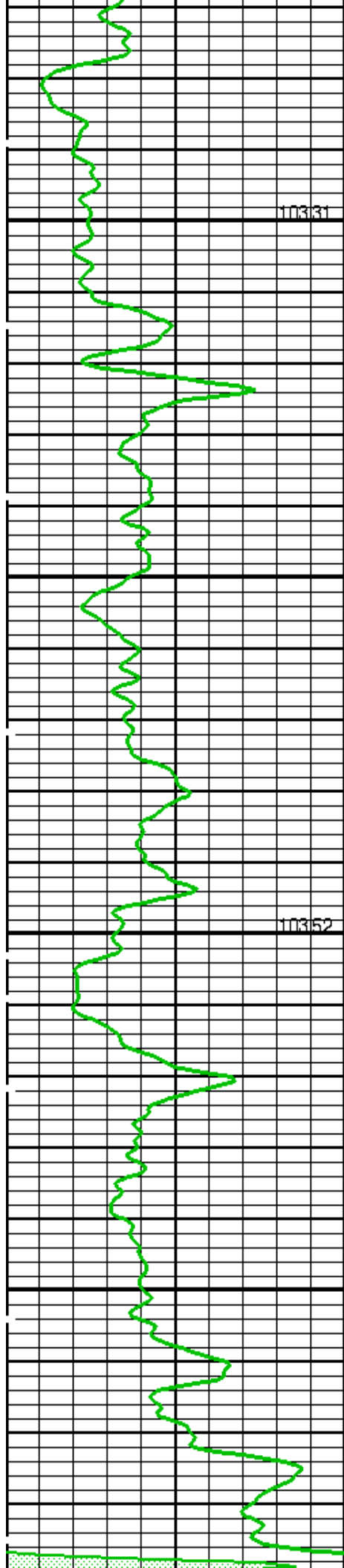




4600

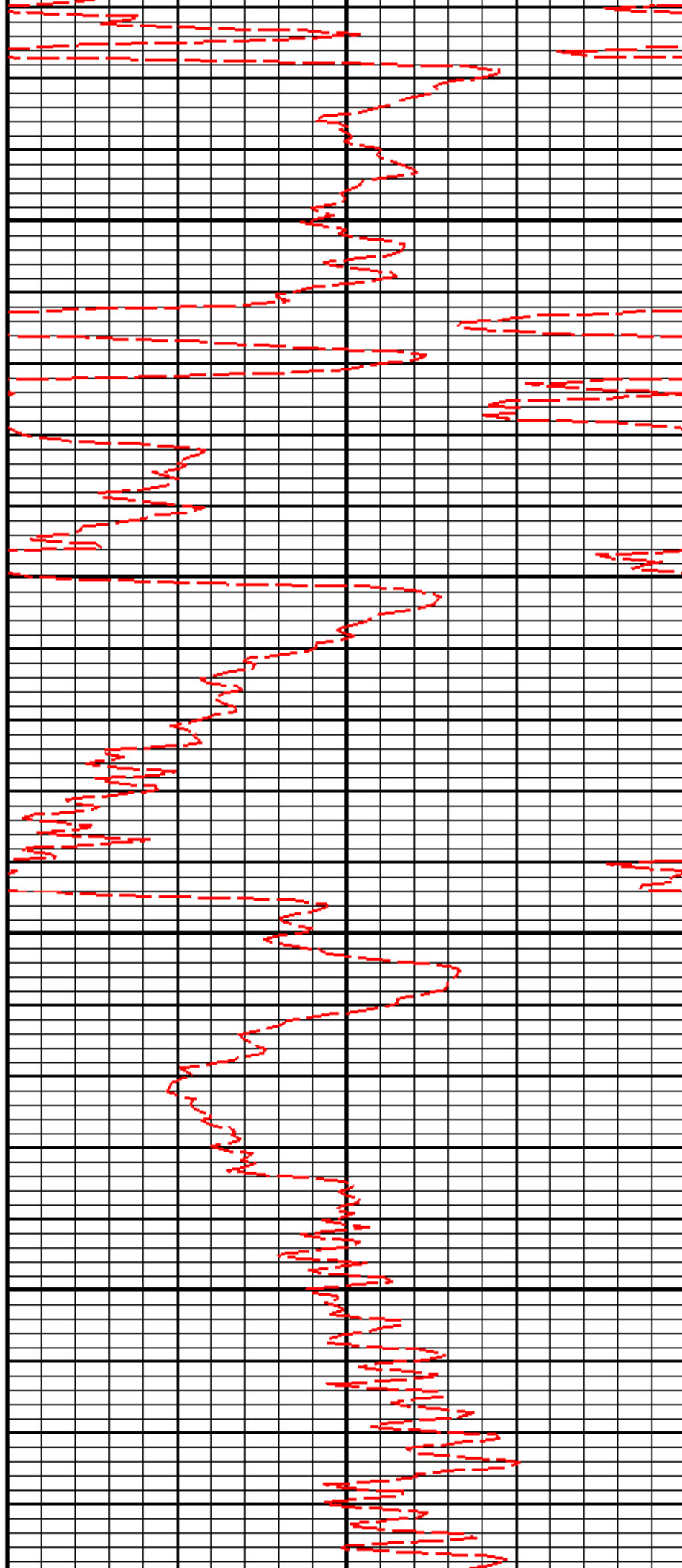
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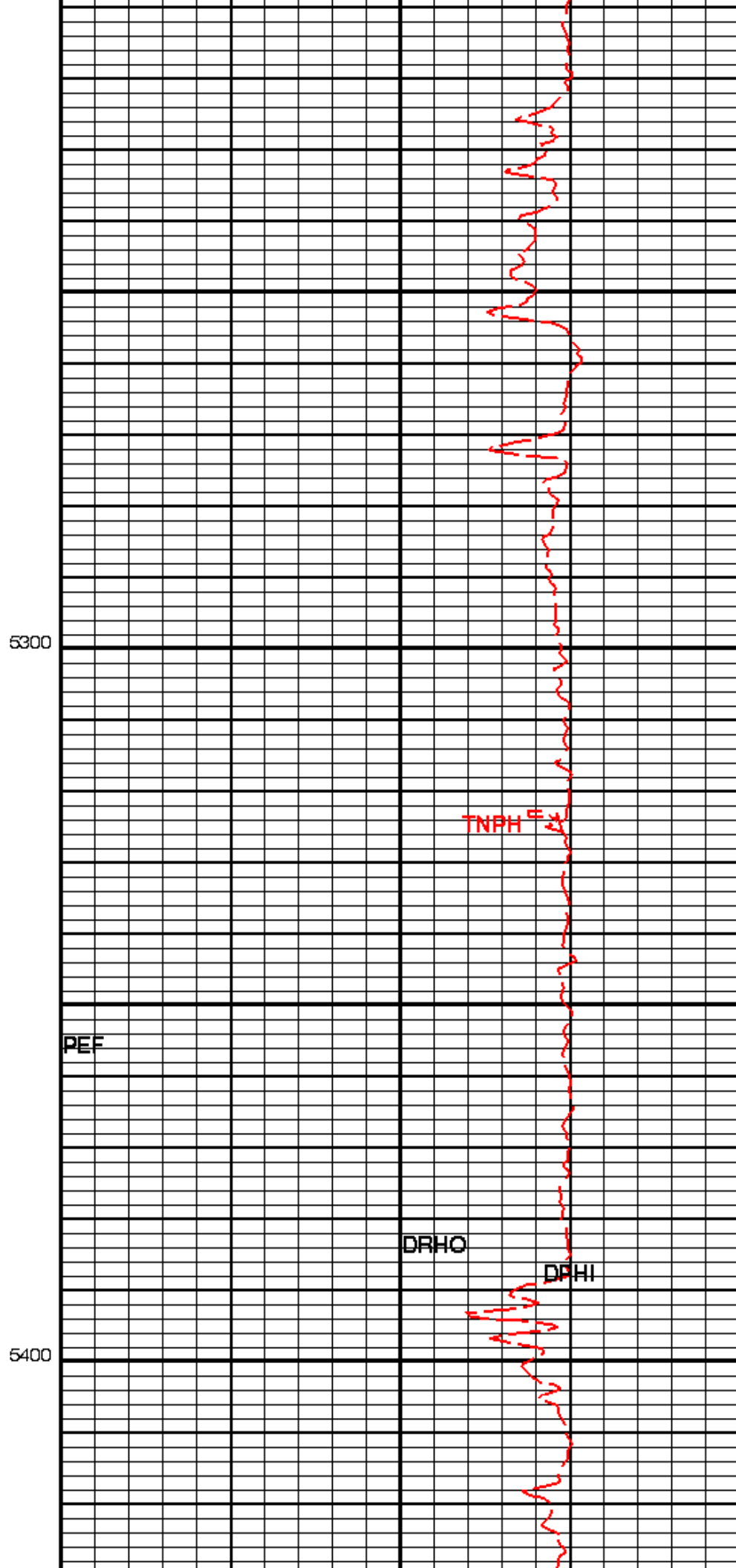
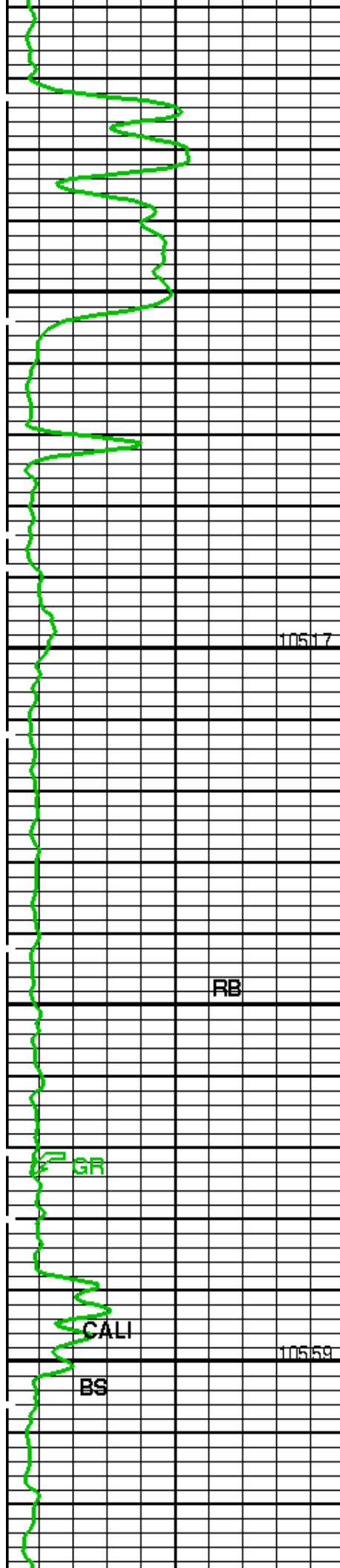


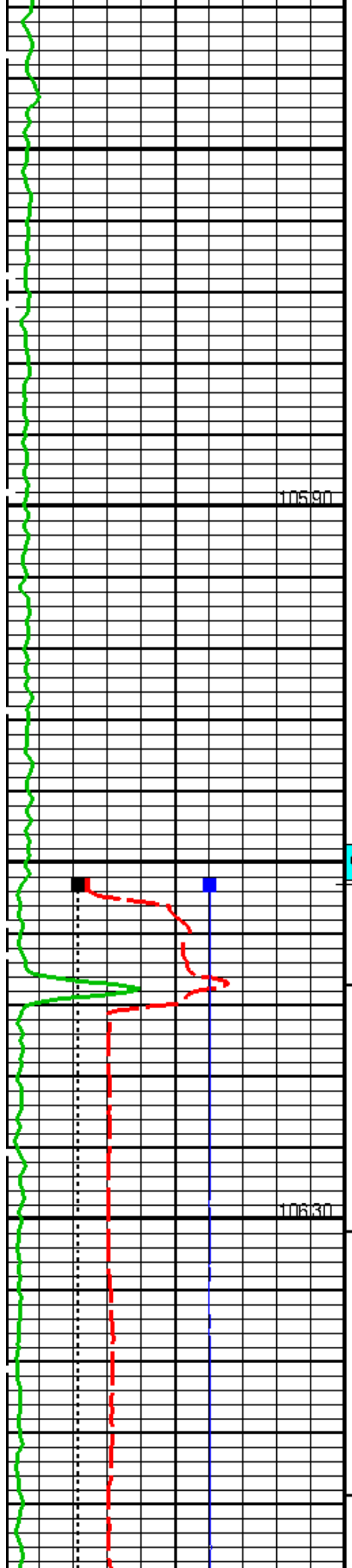


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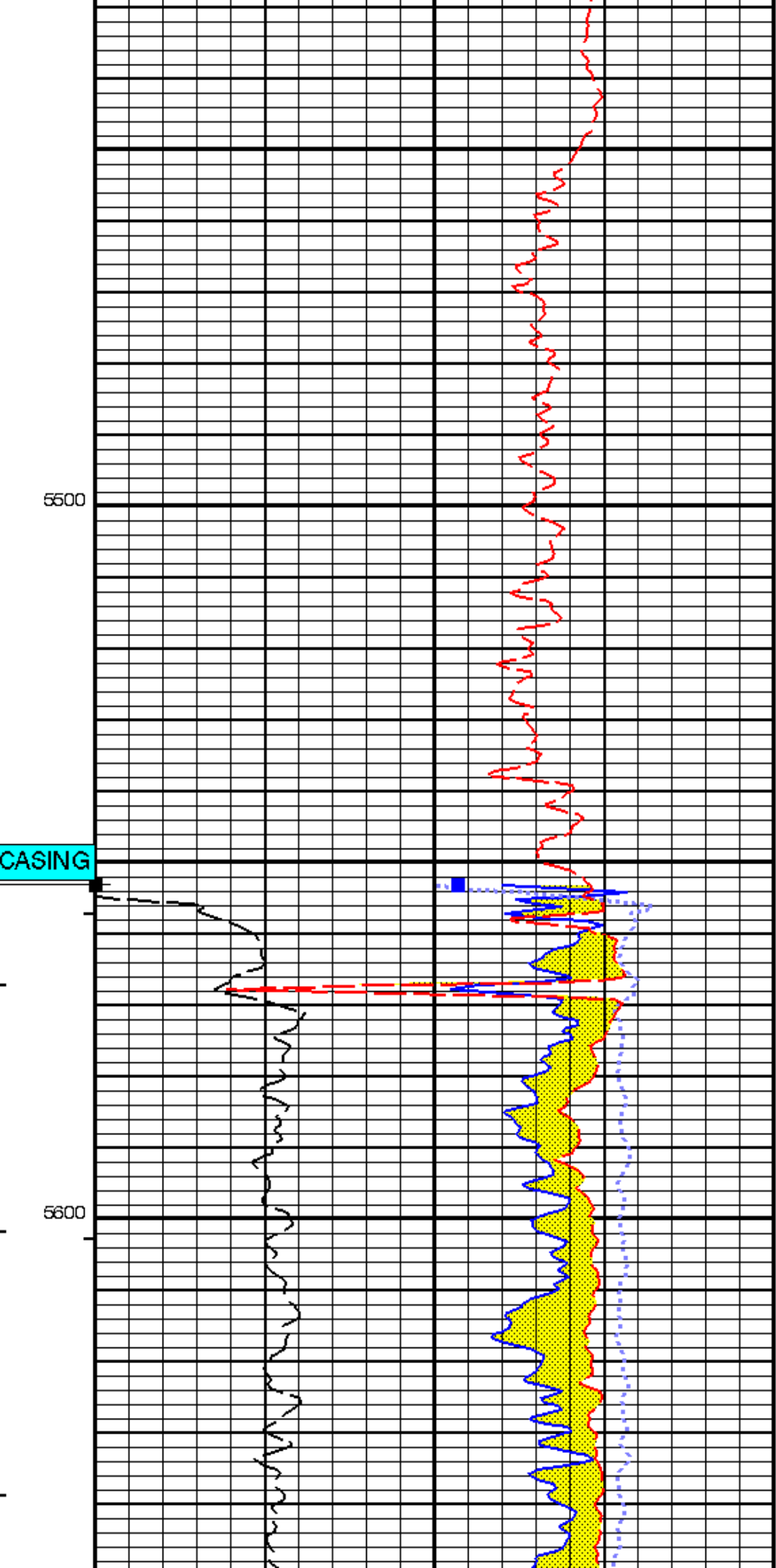
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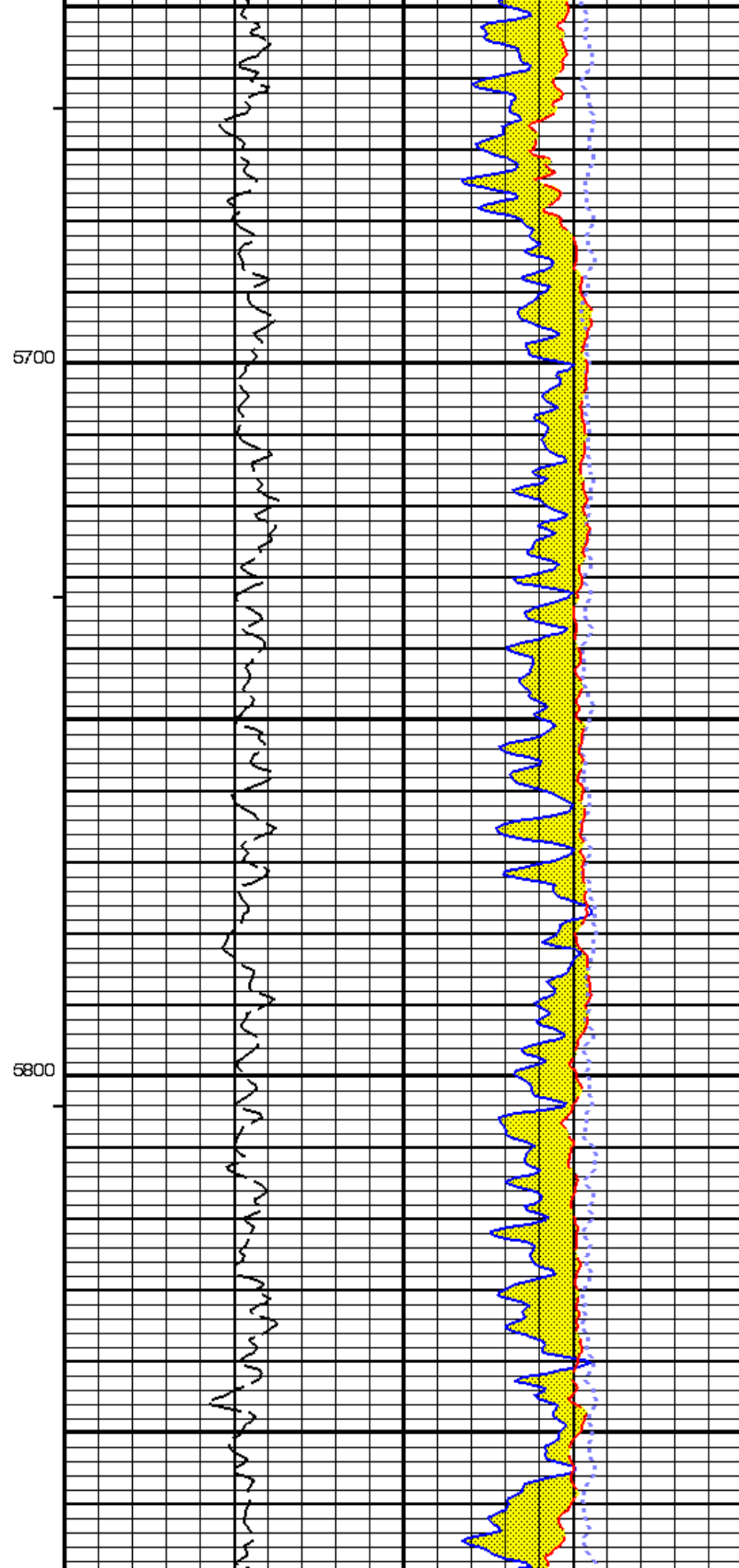
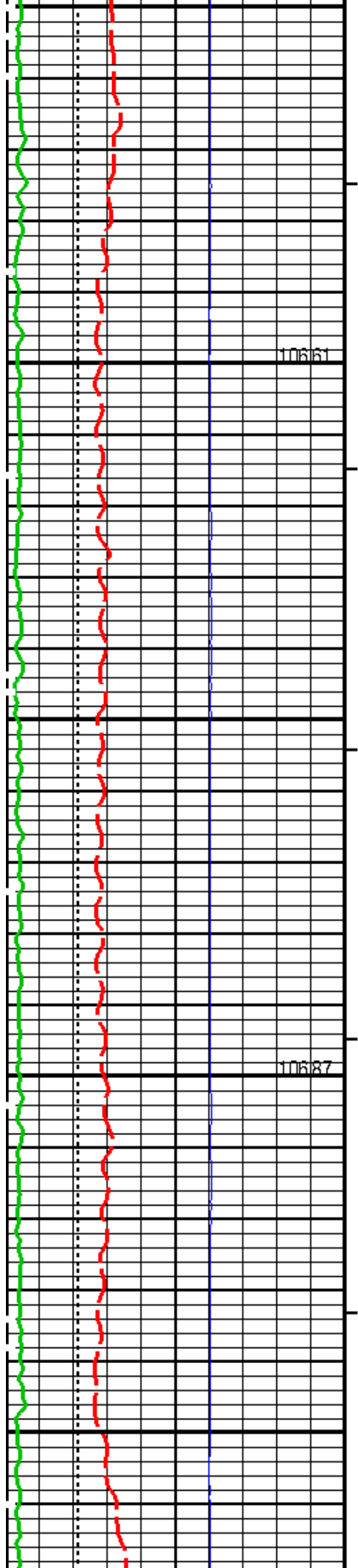


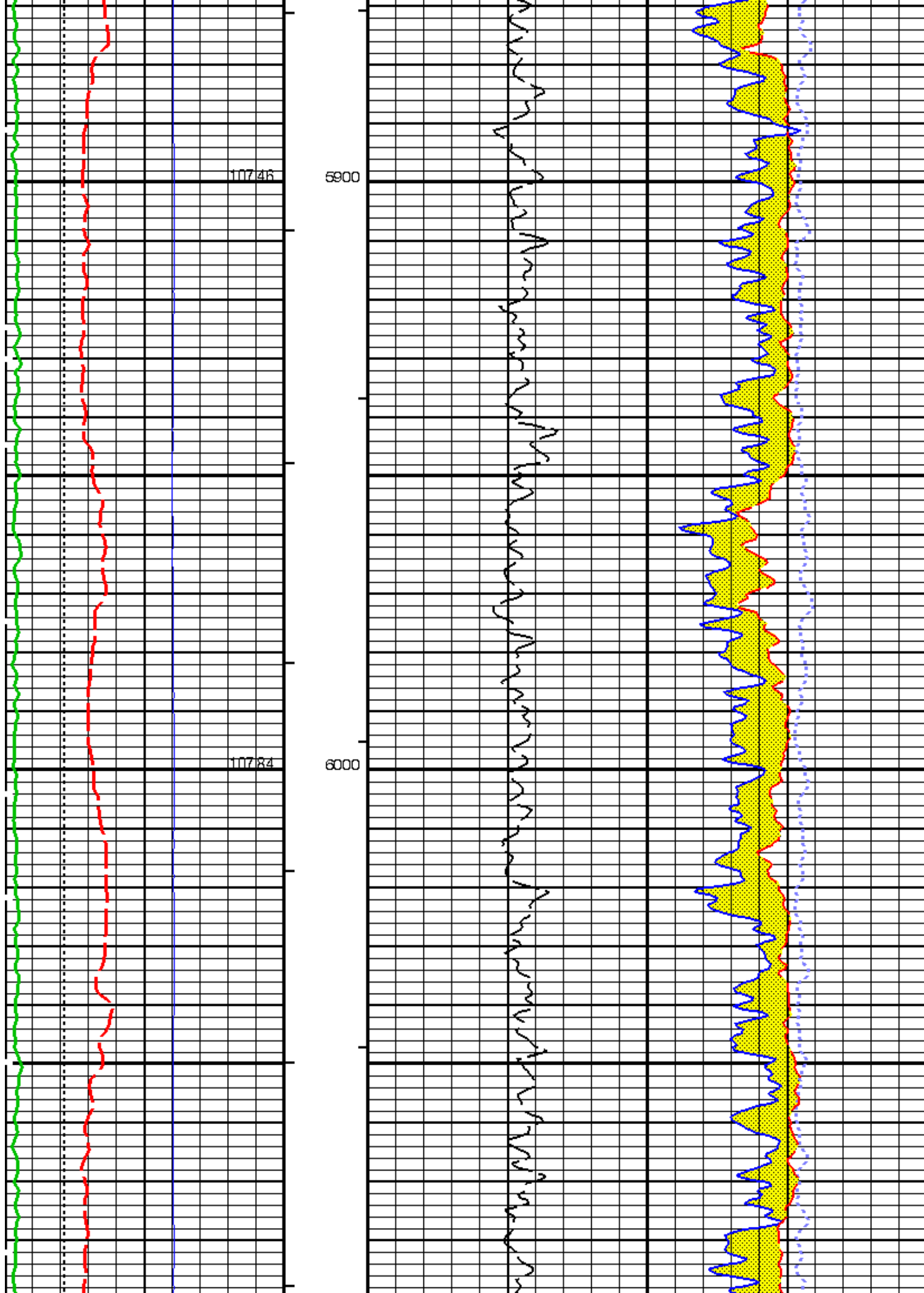


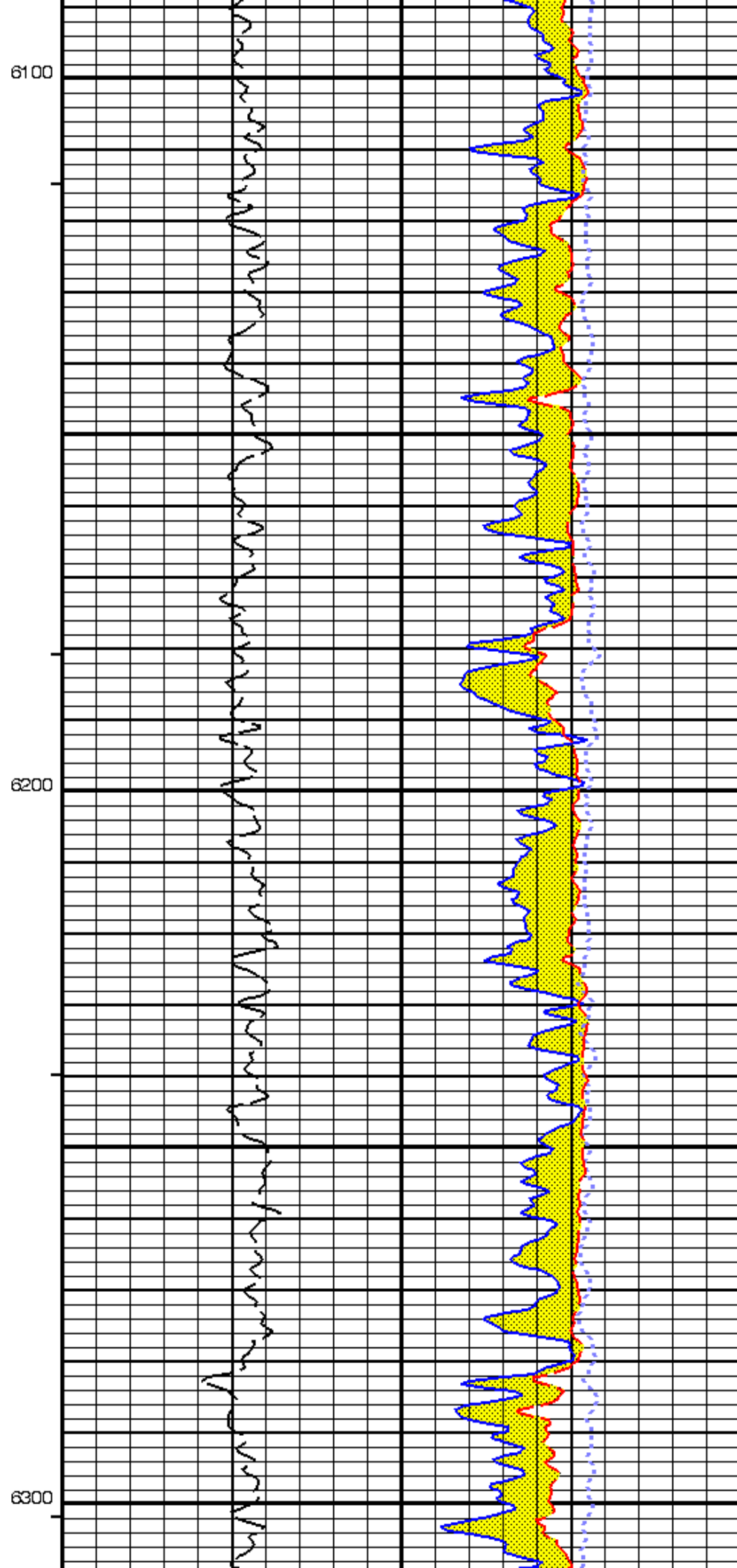
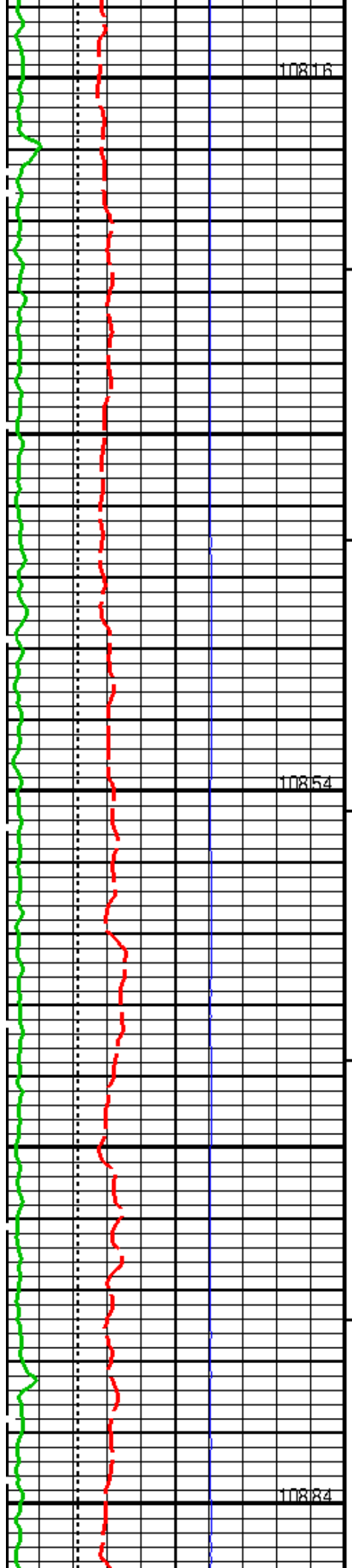


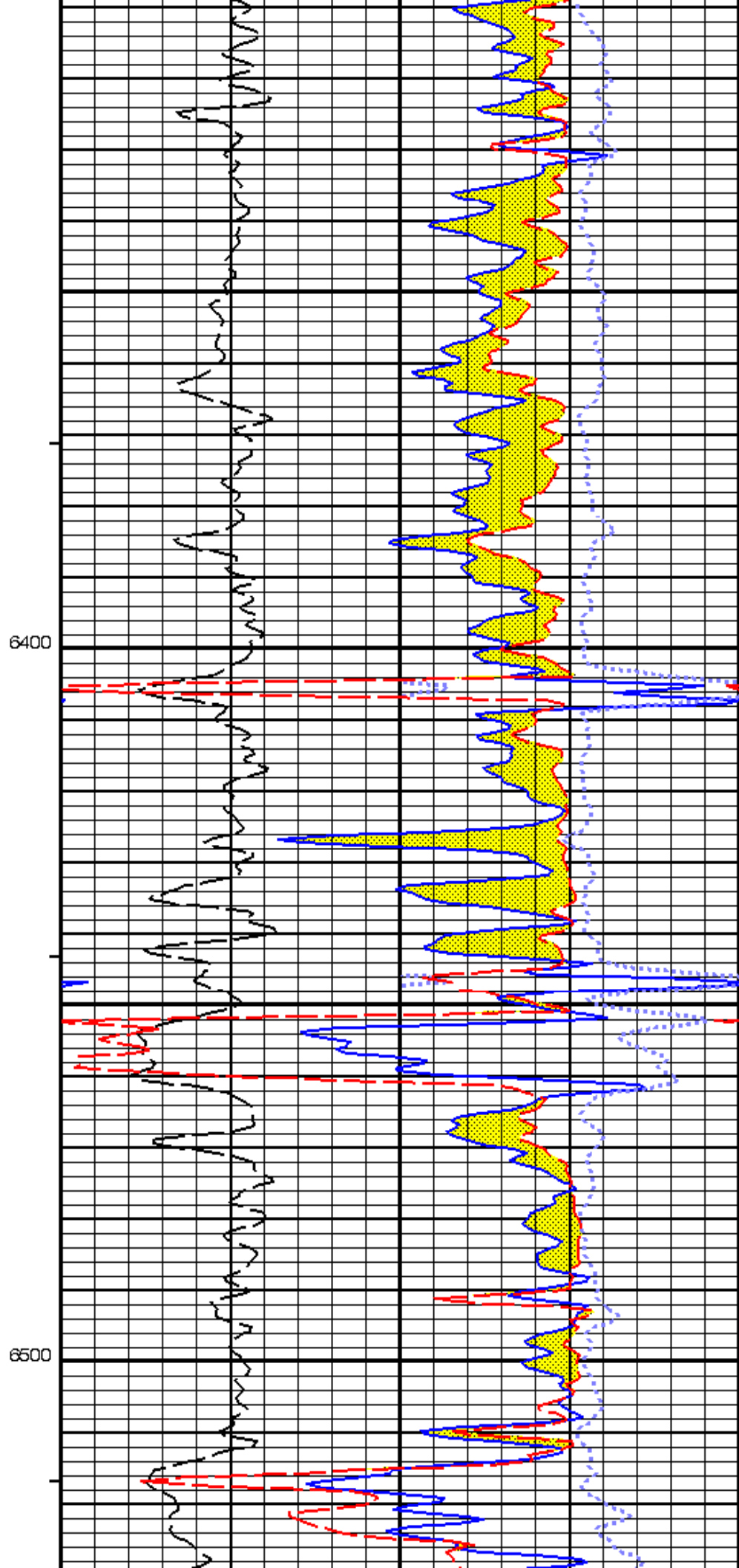
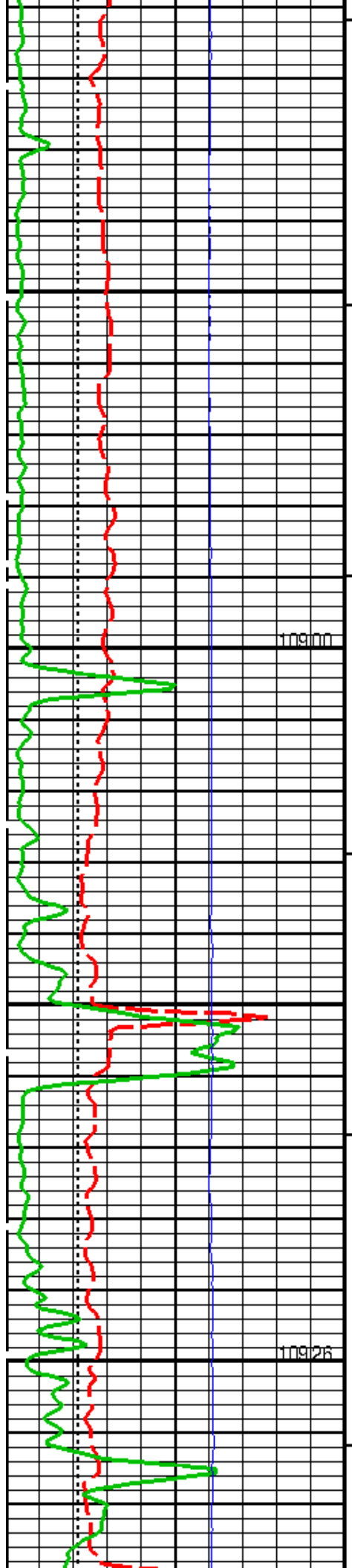
CASING

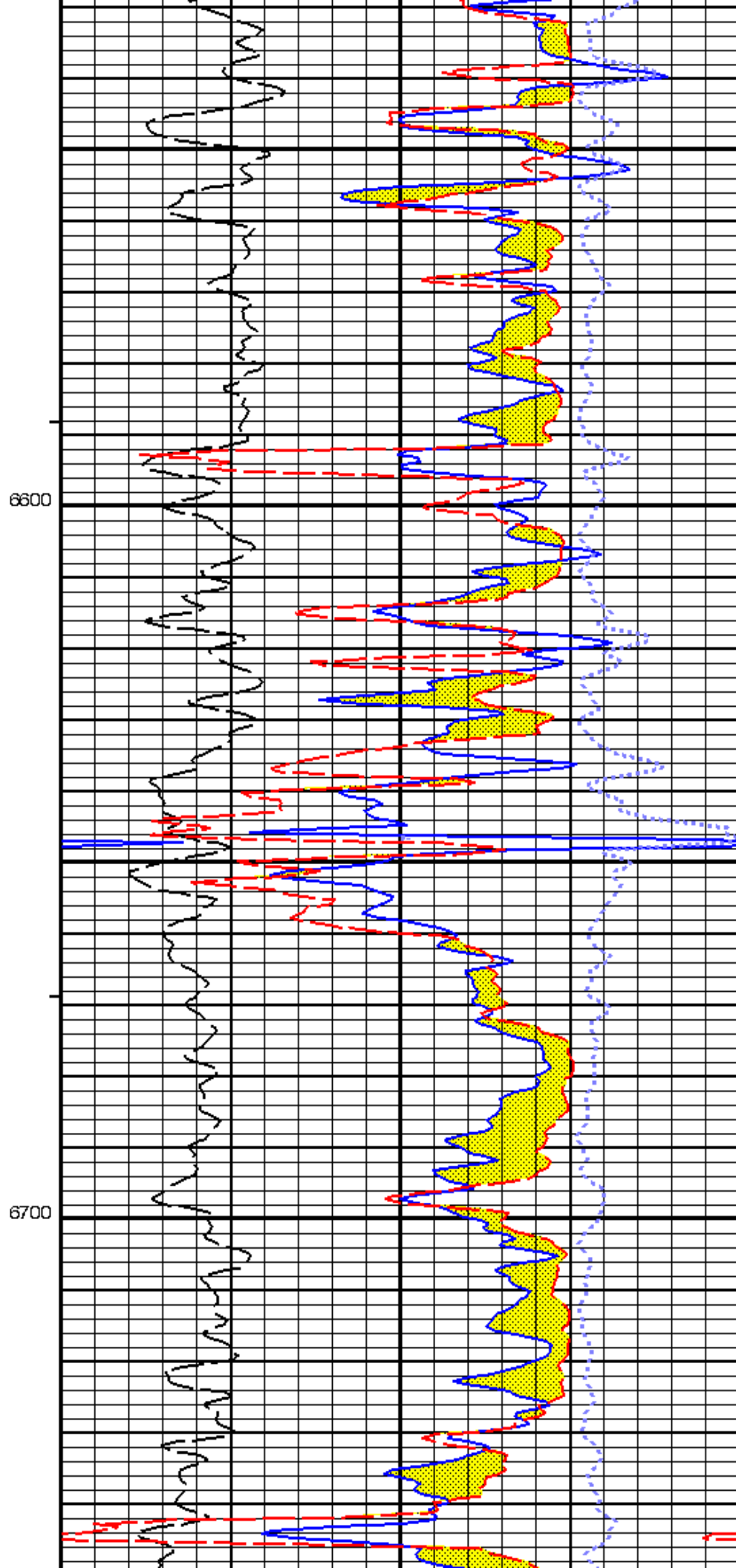
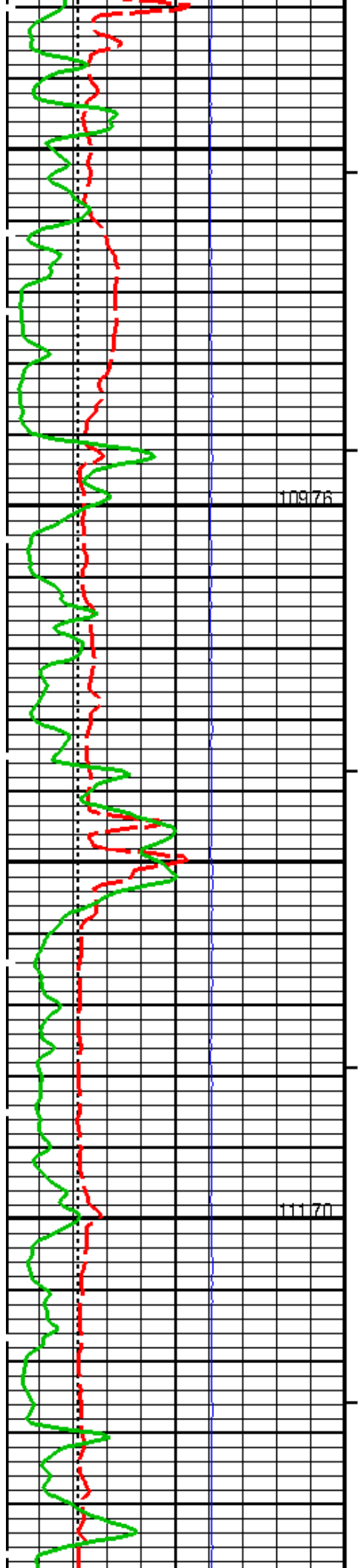


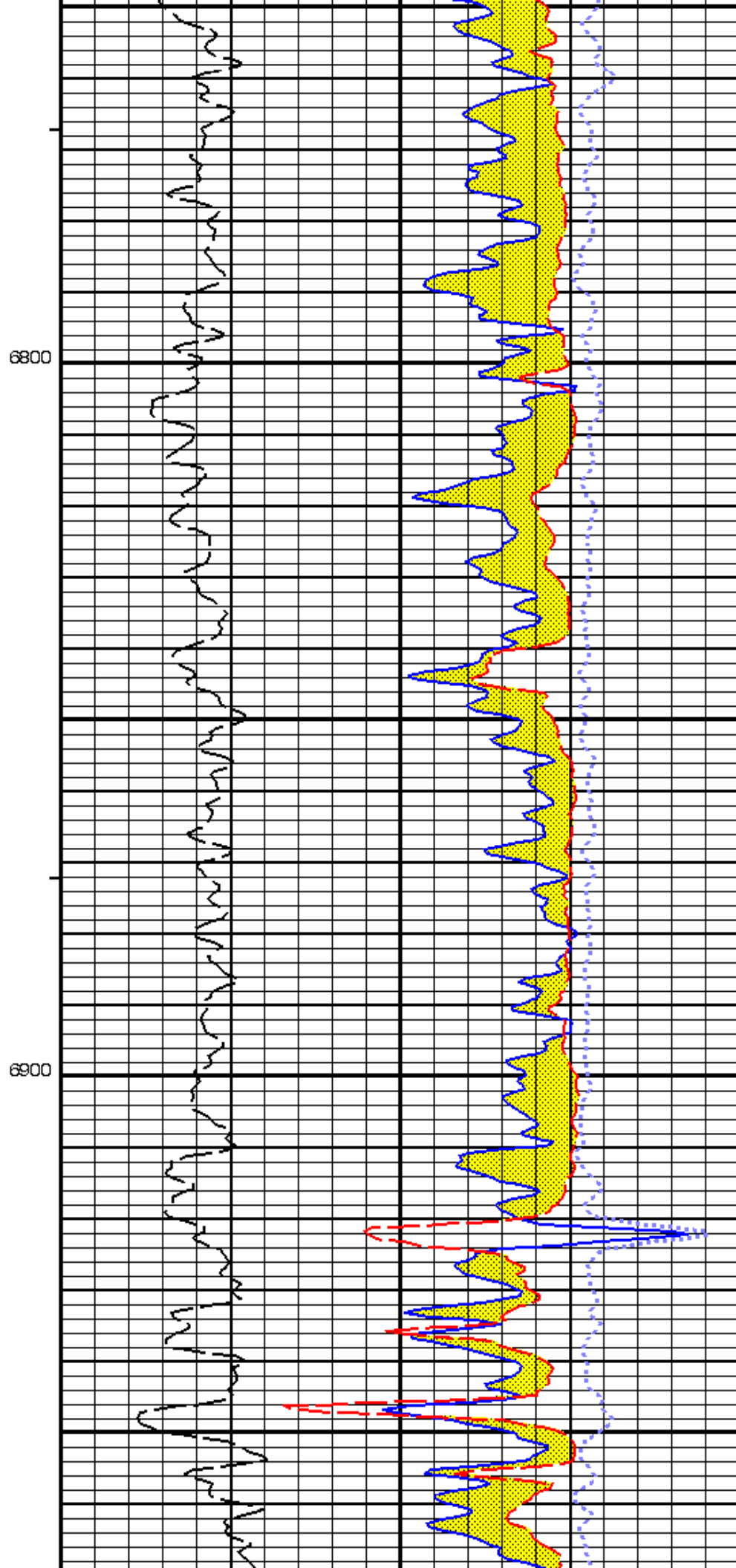
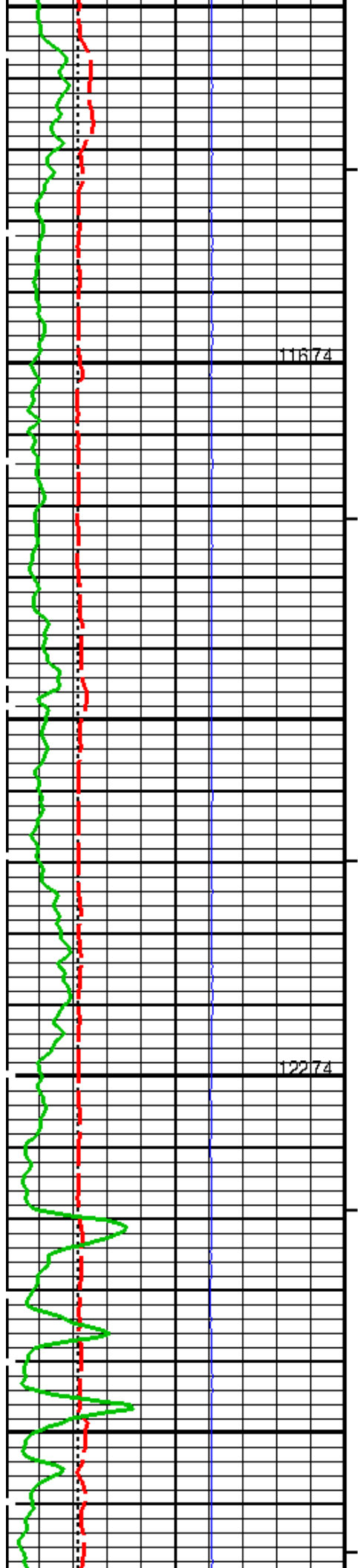


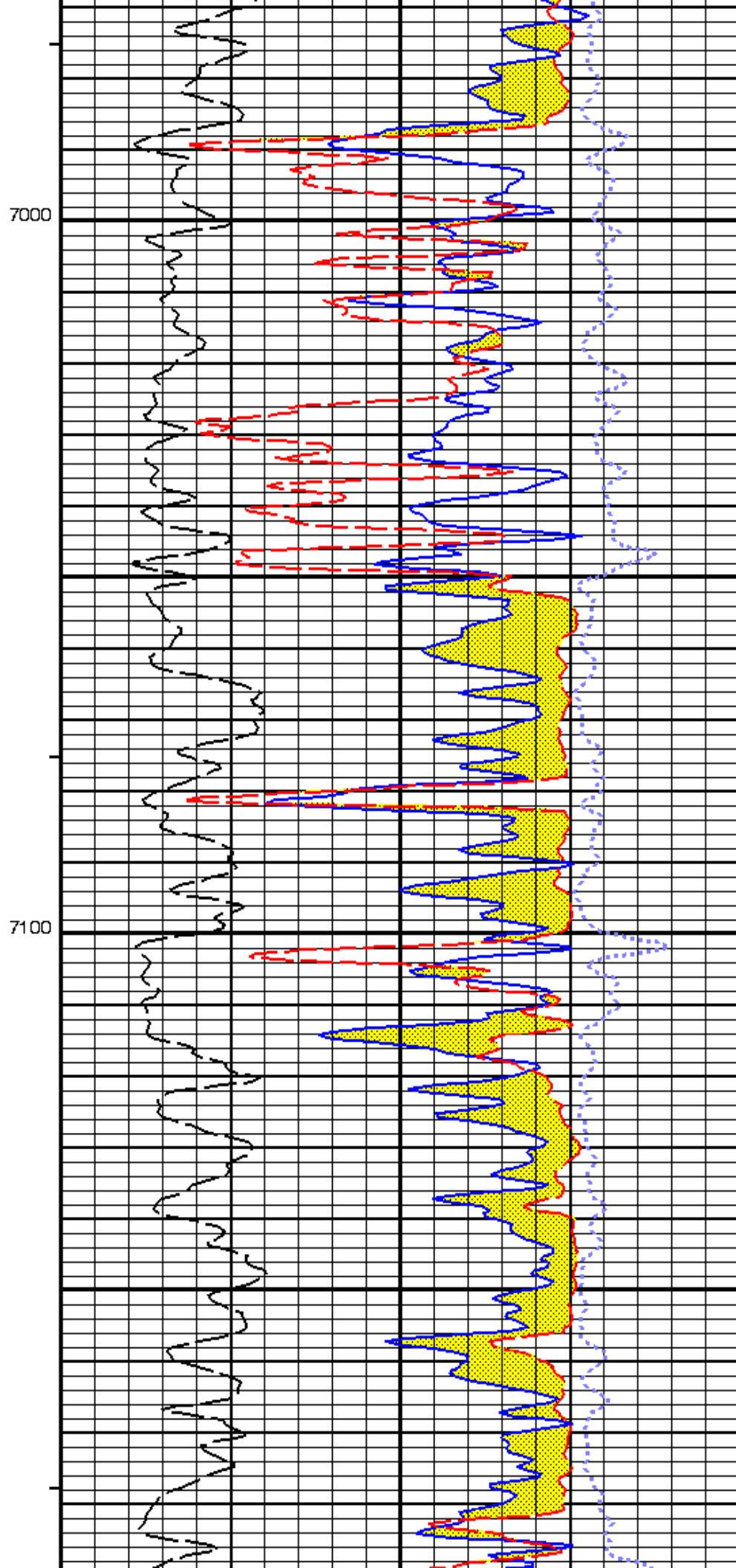
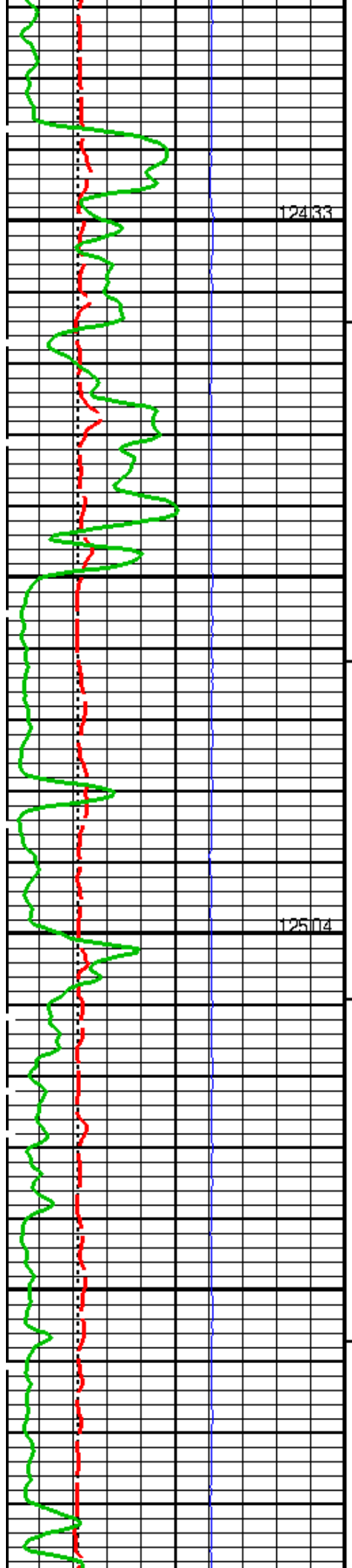


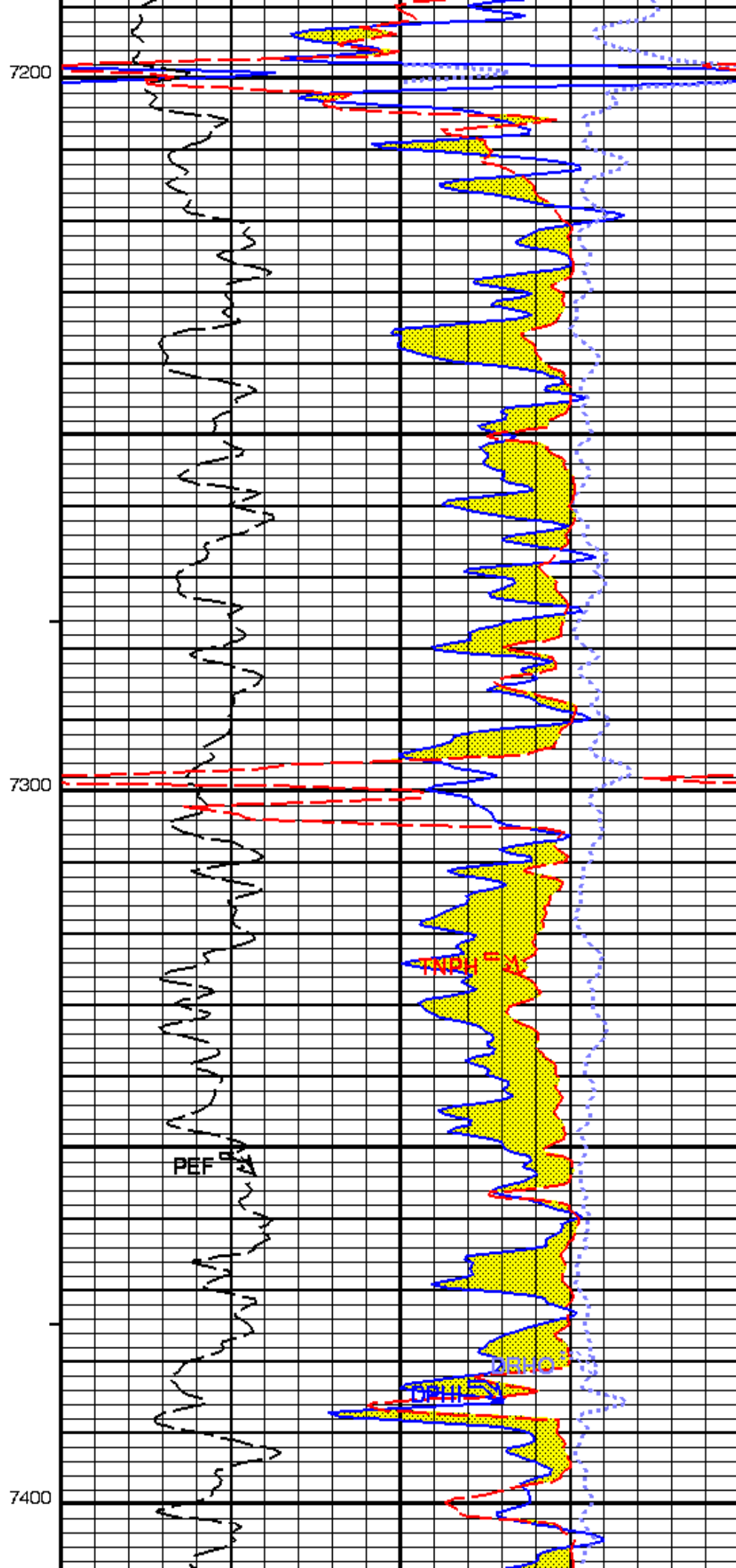
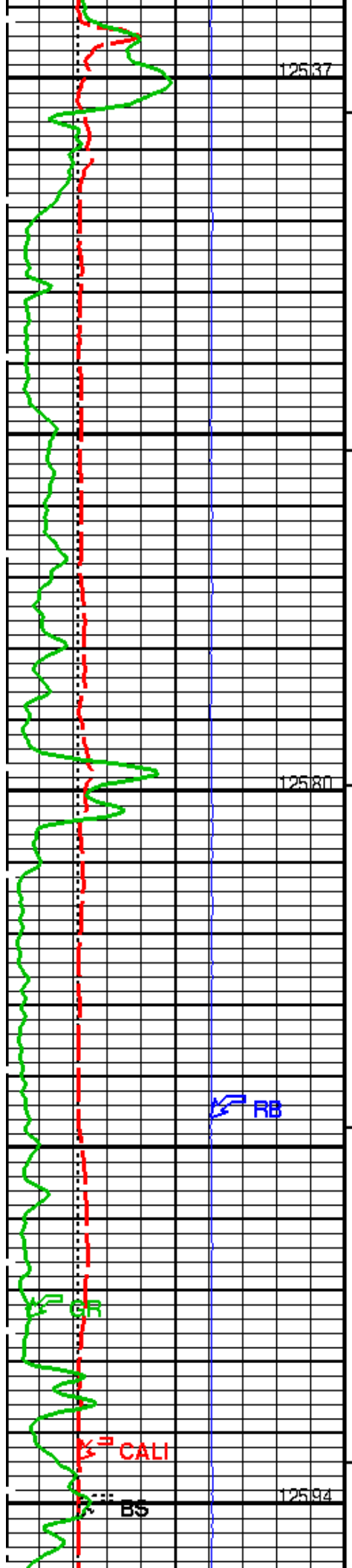


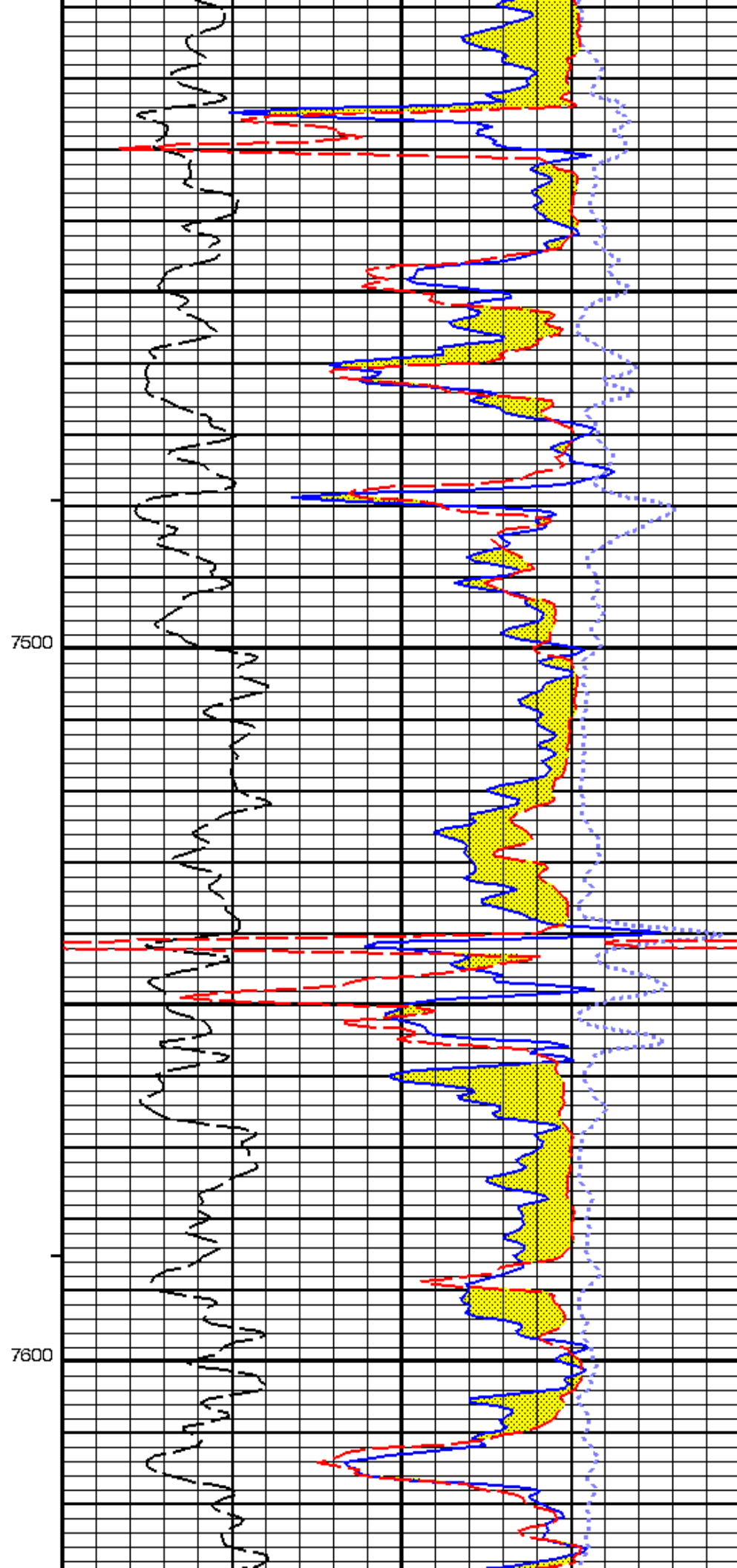
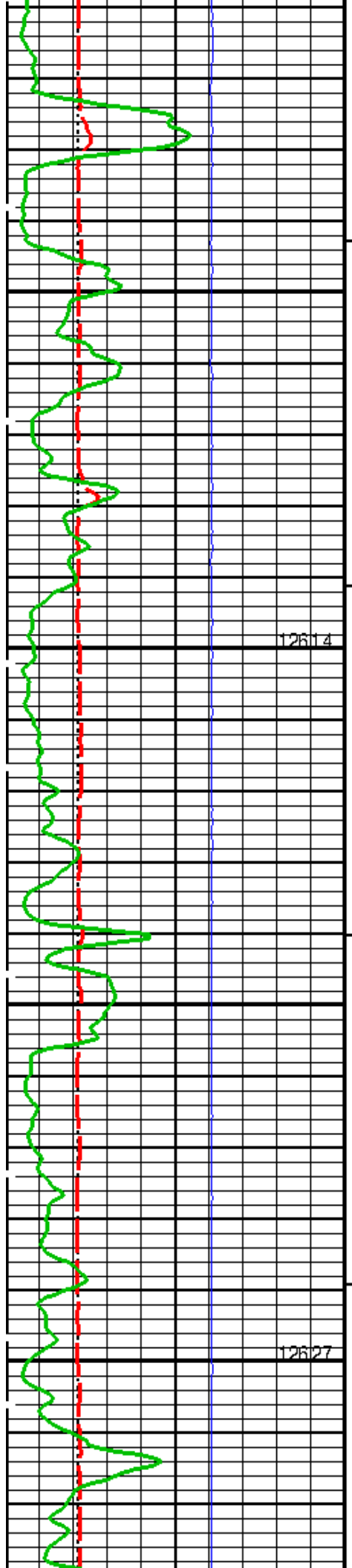


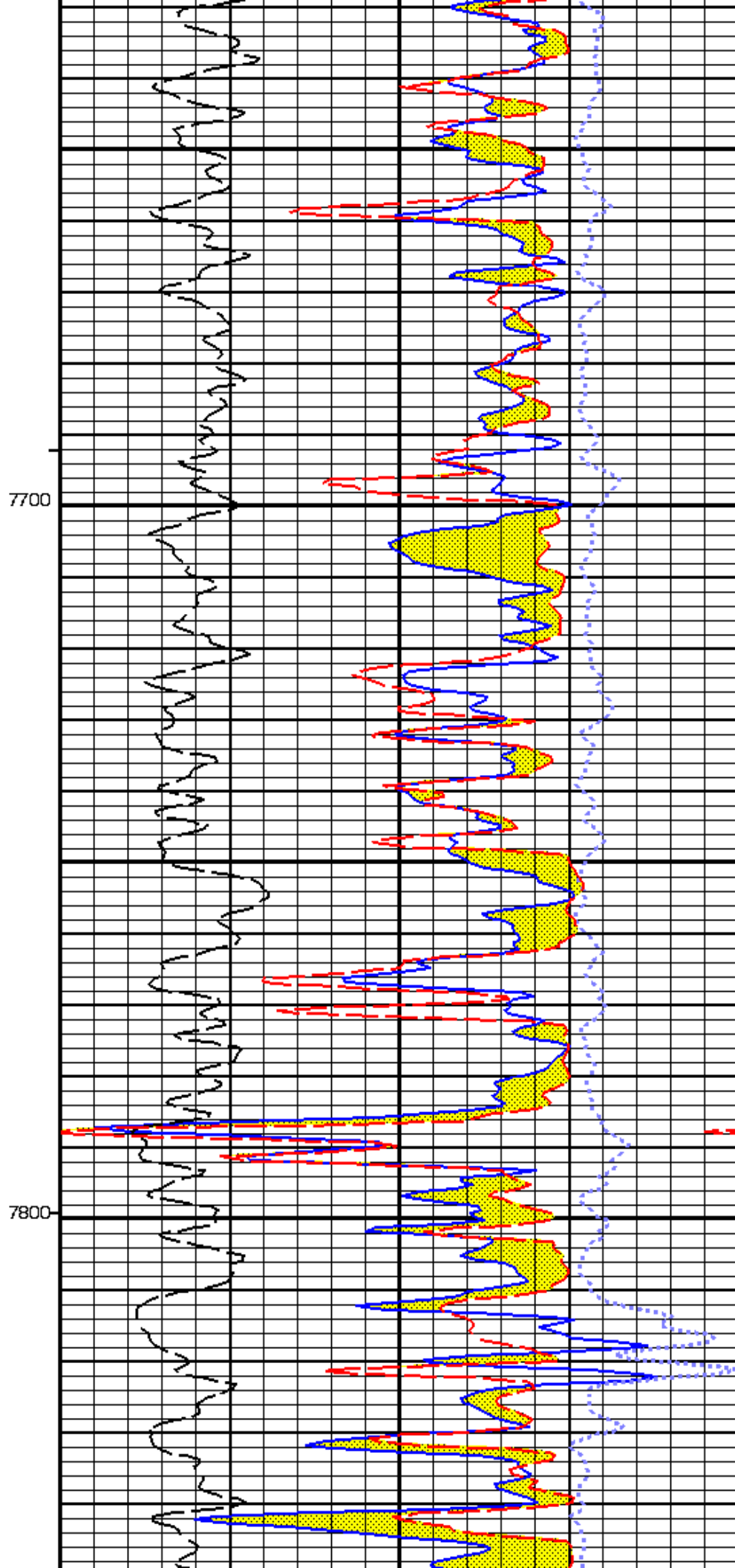
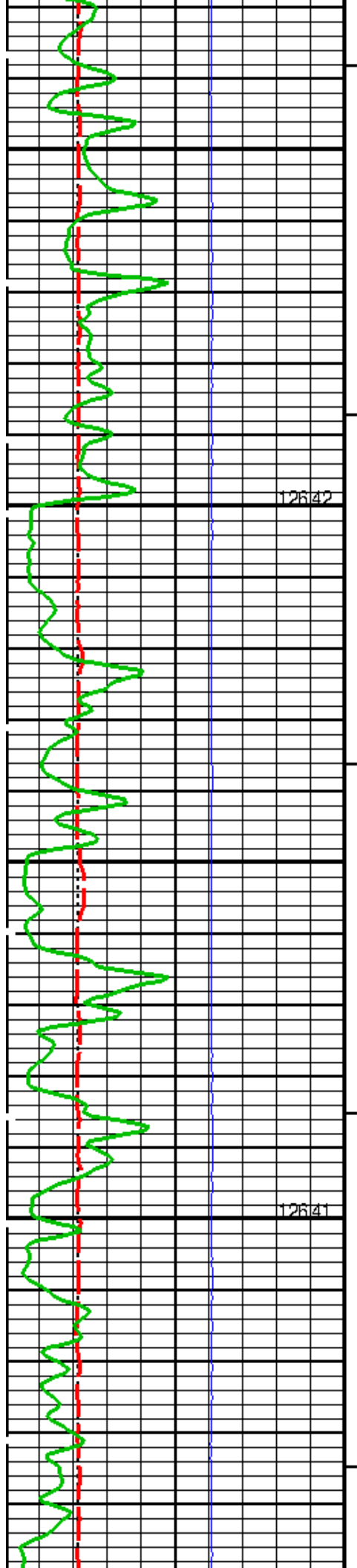


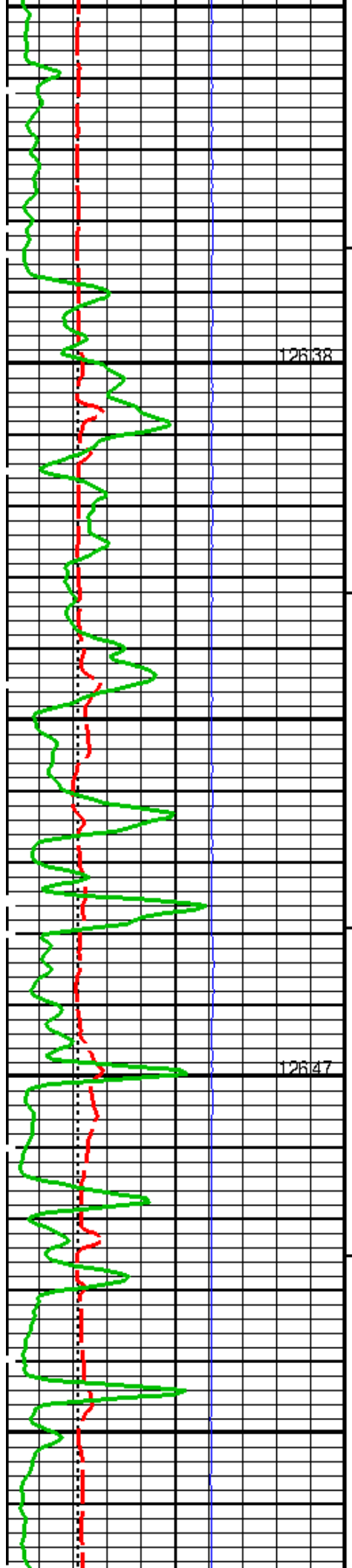






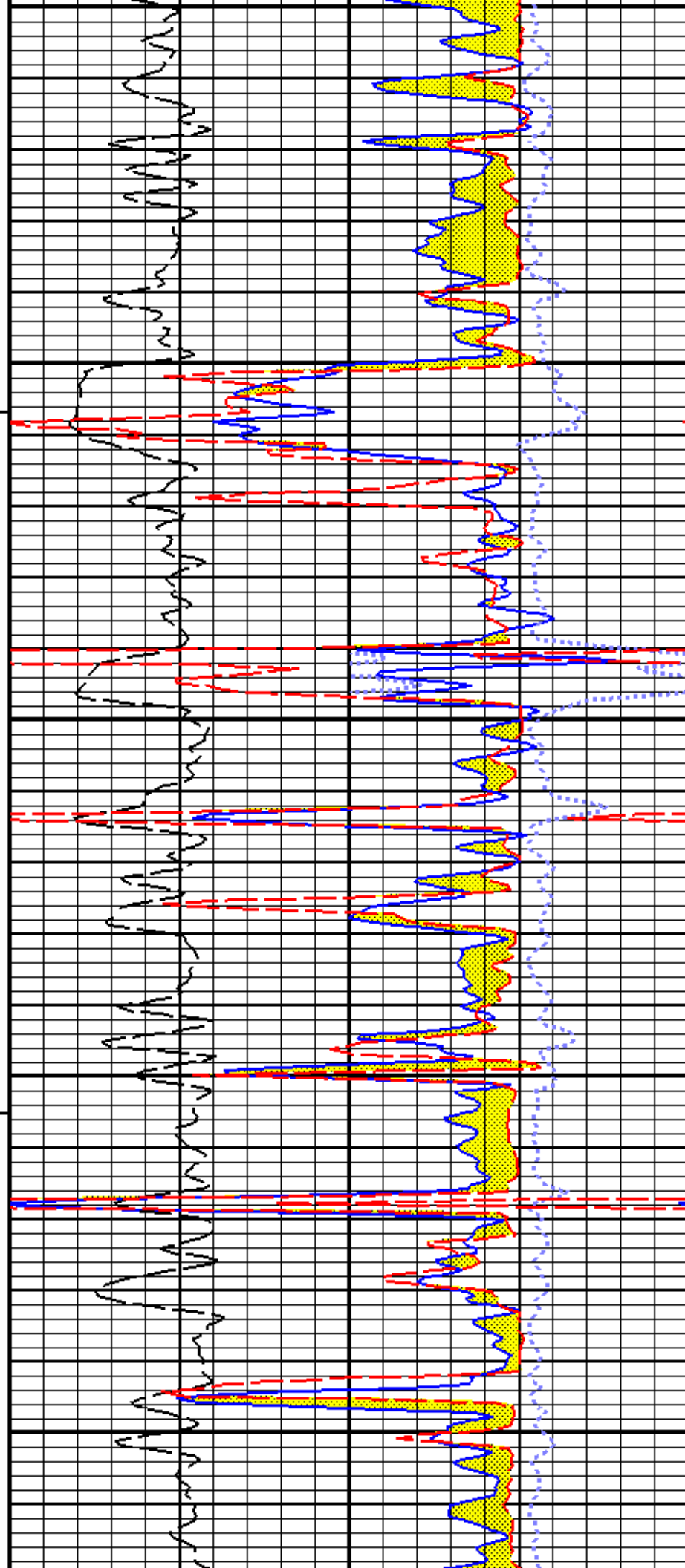


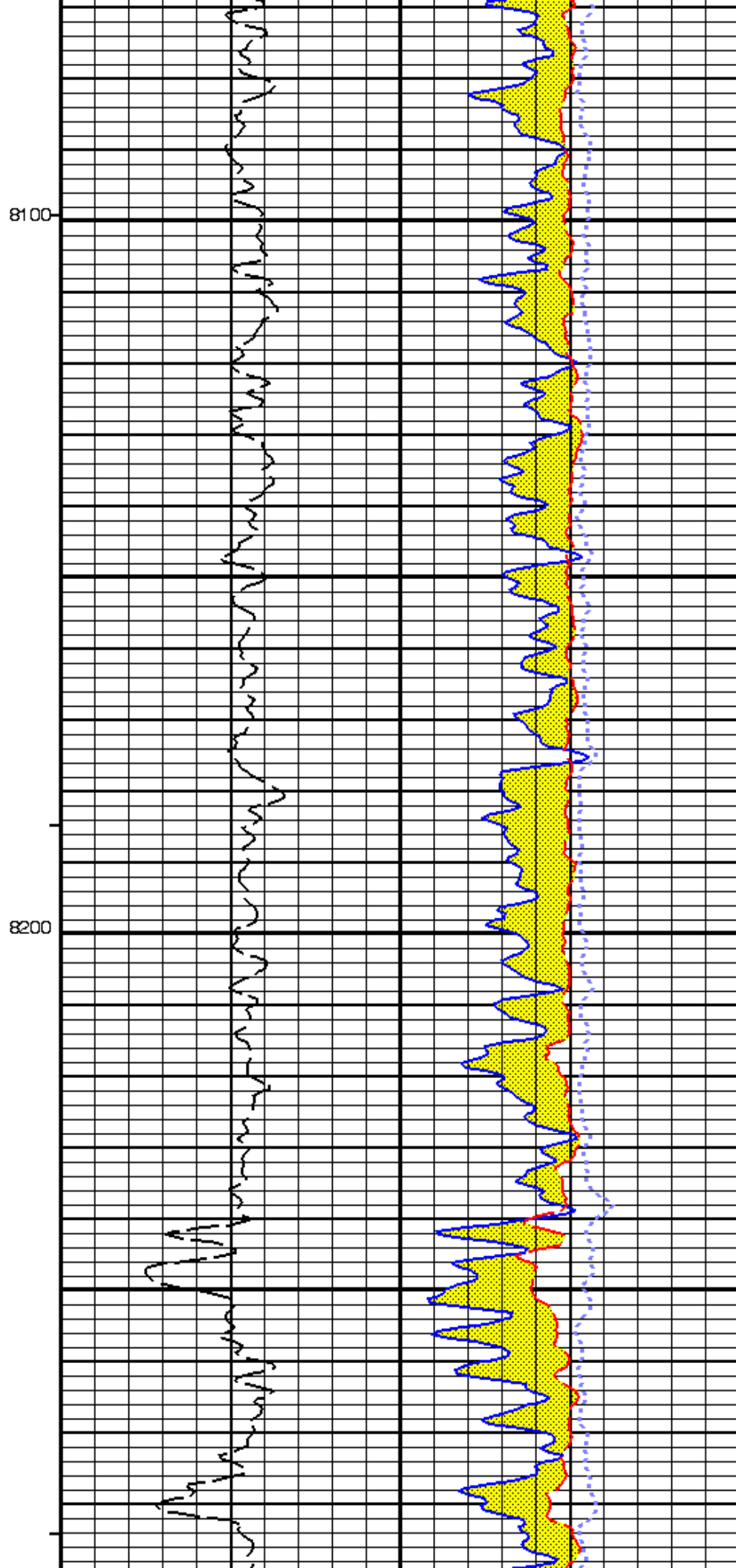
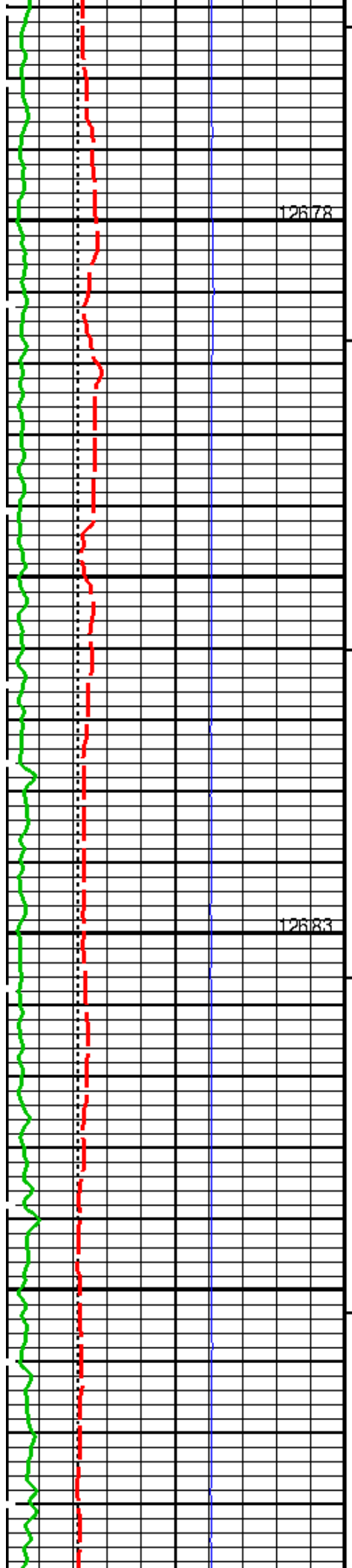


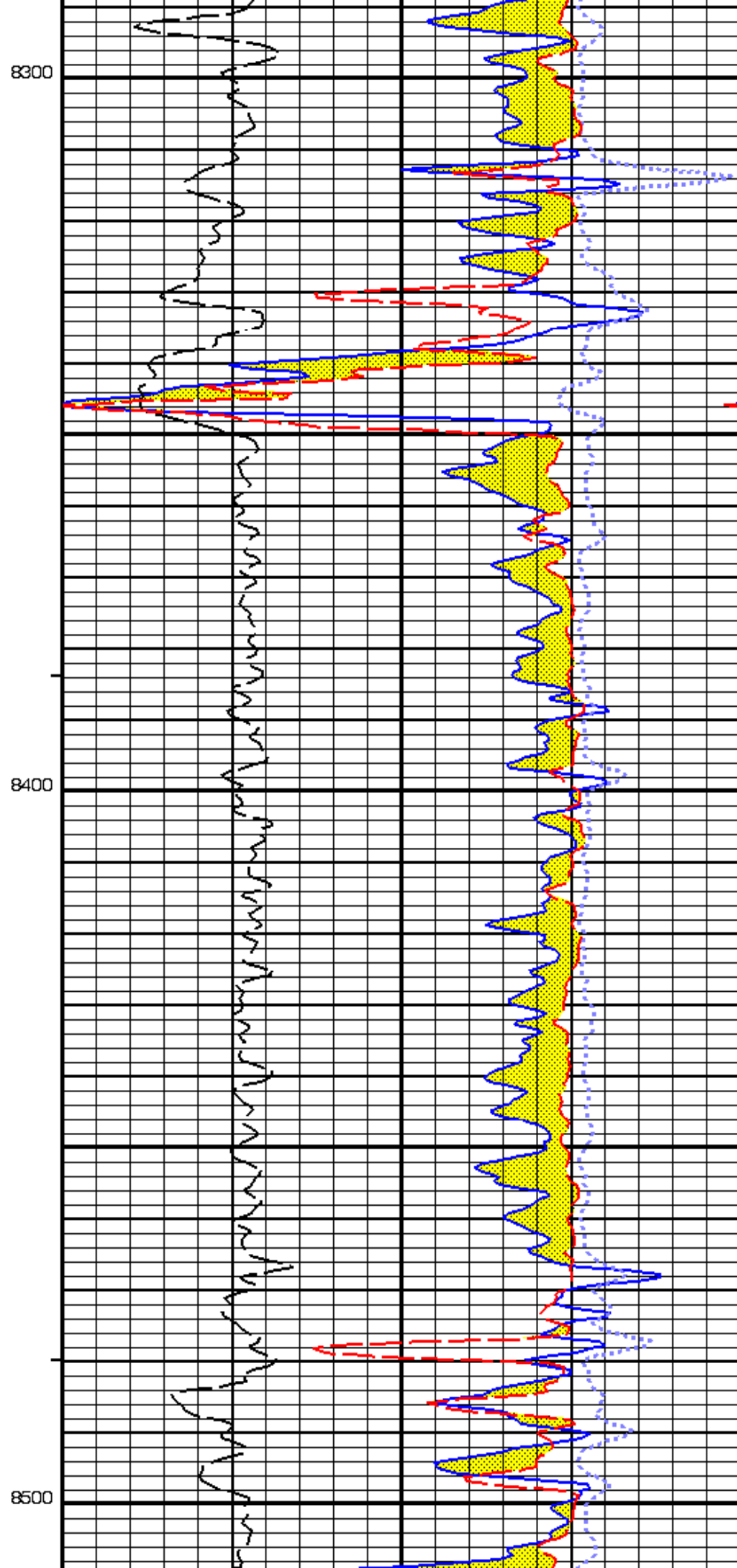
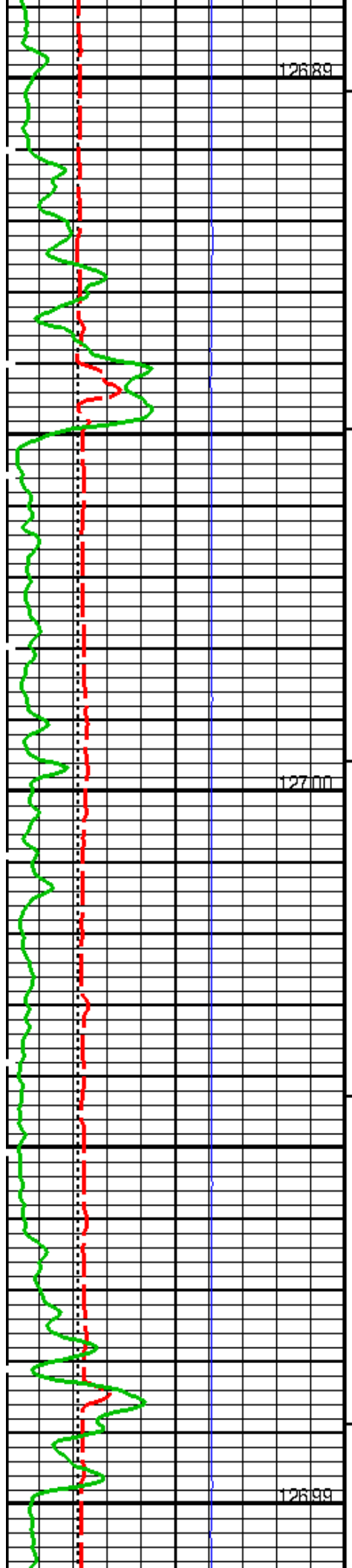


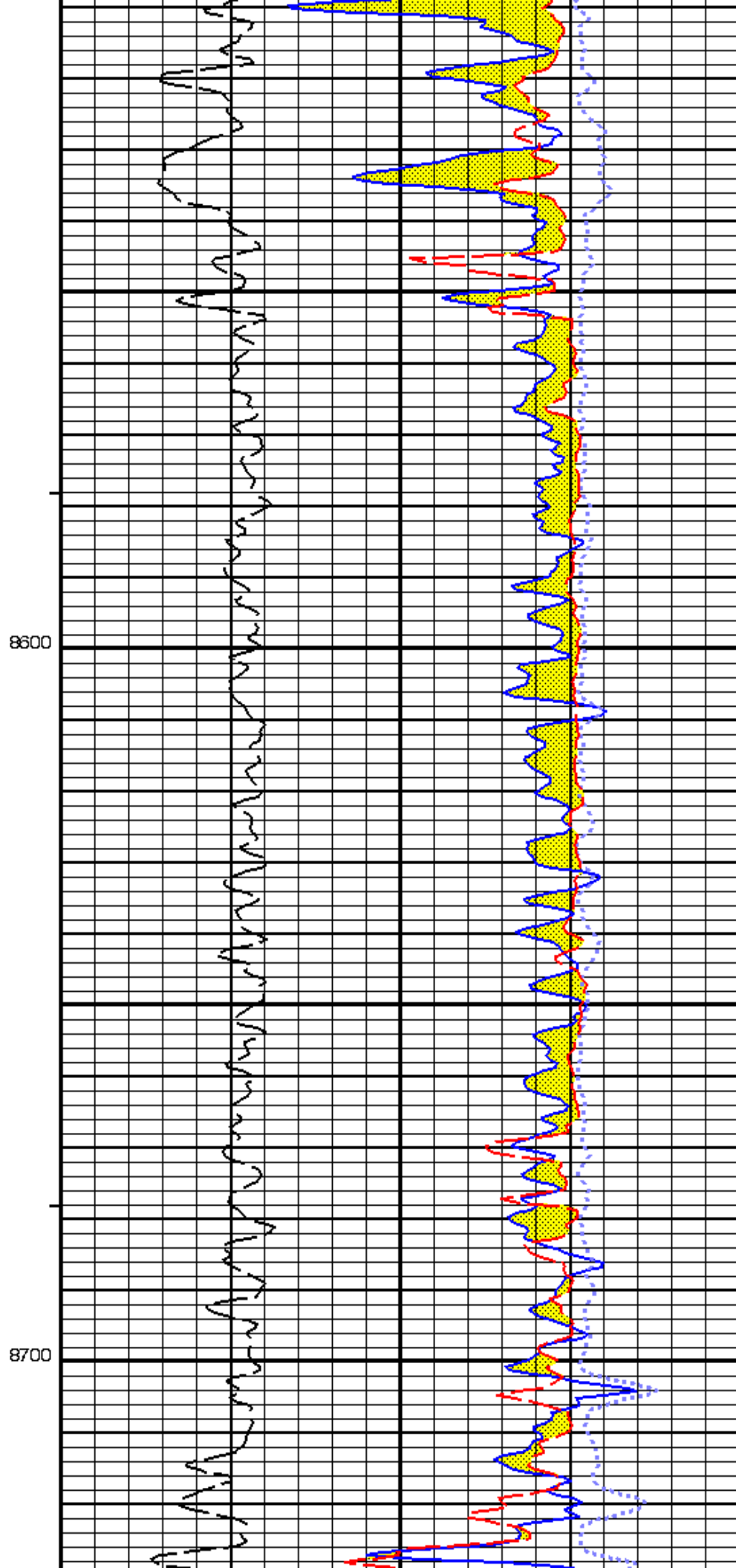
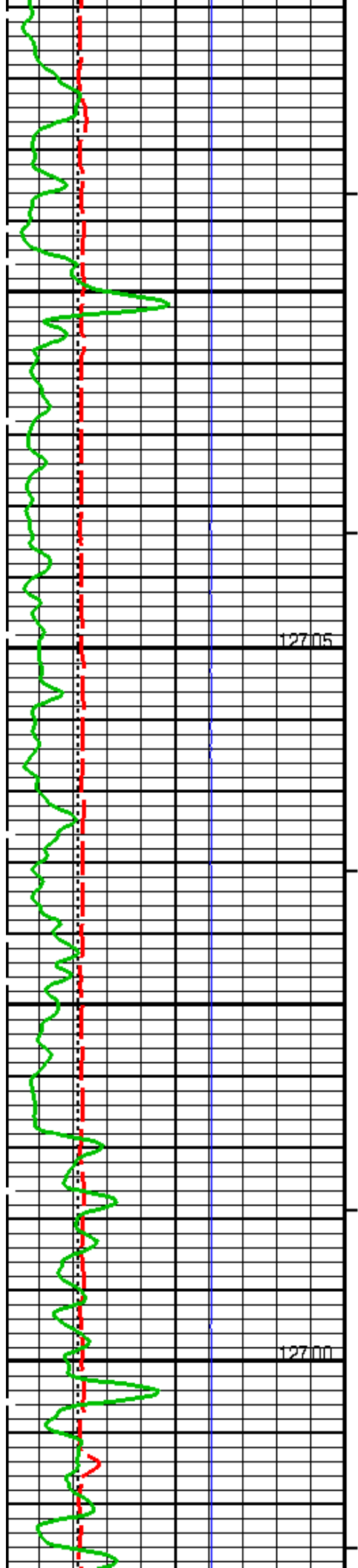
7900

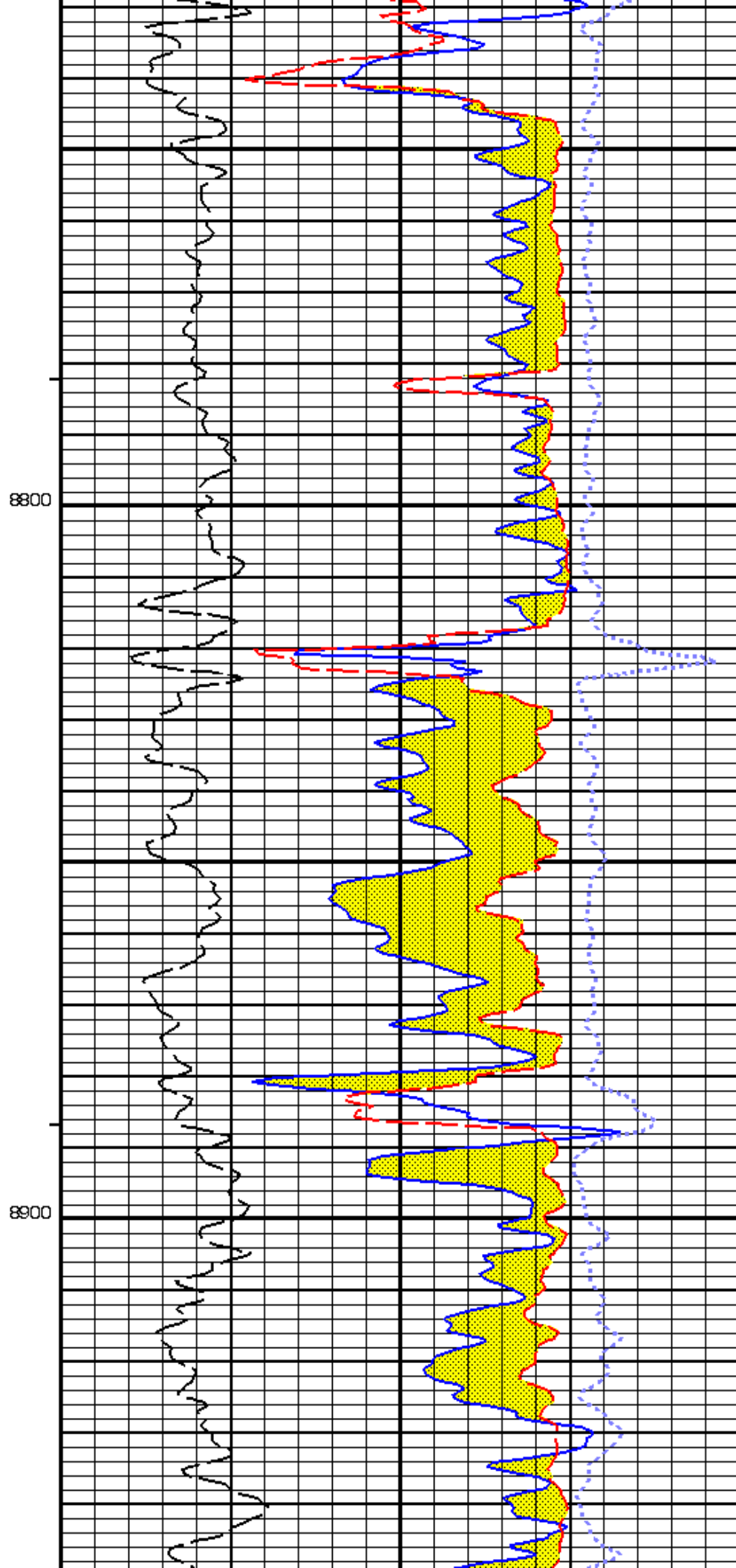
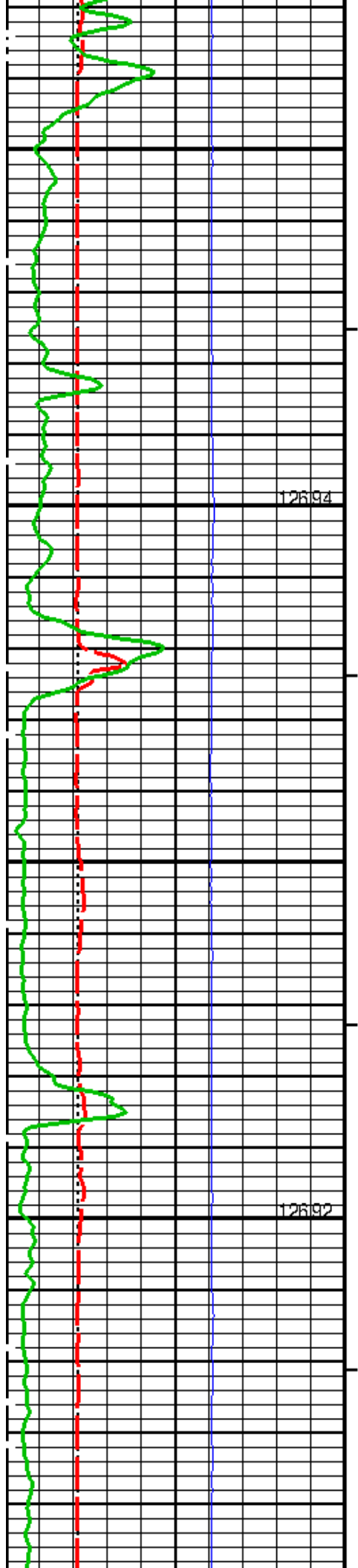
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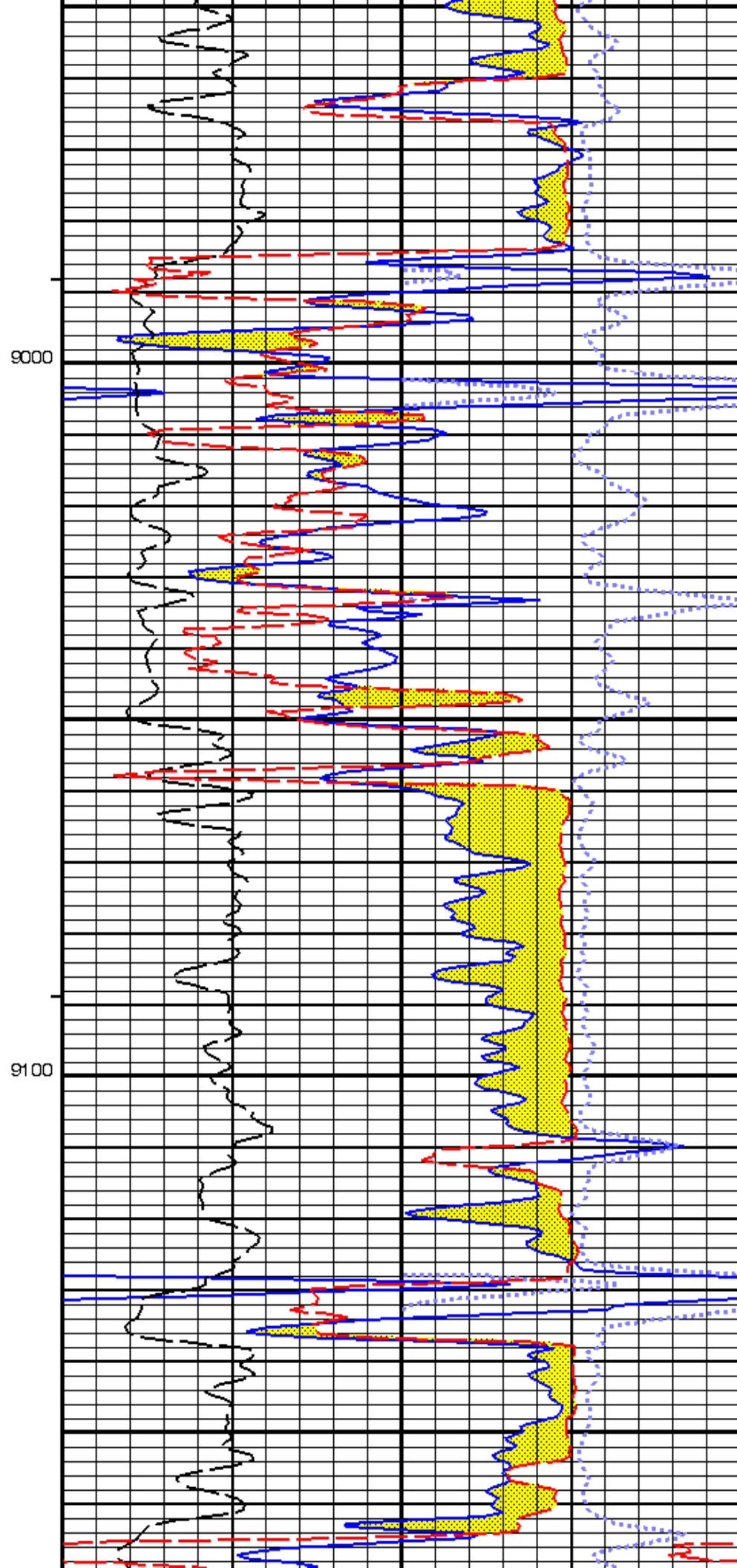
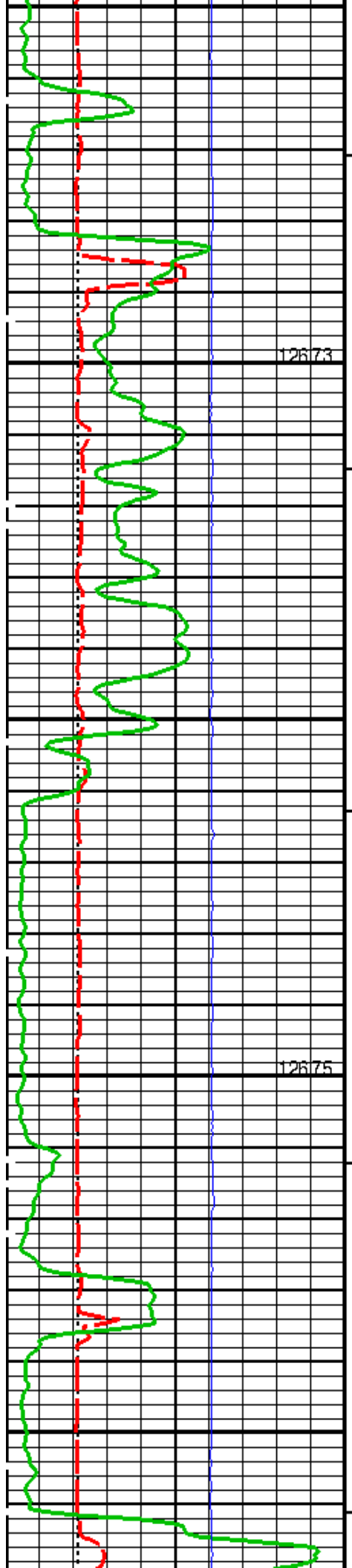


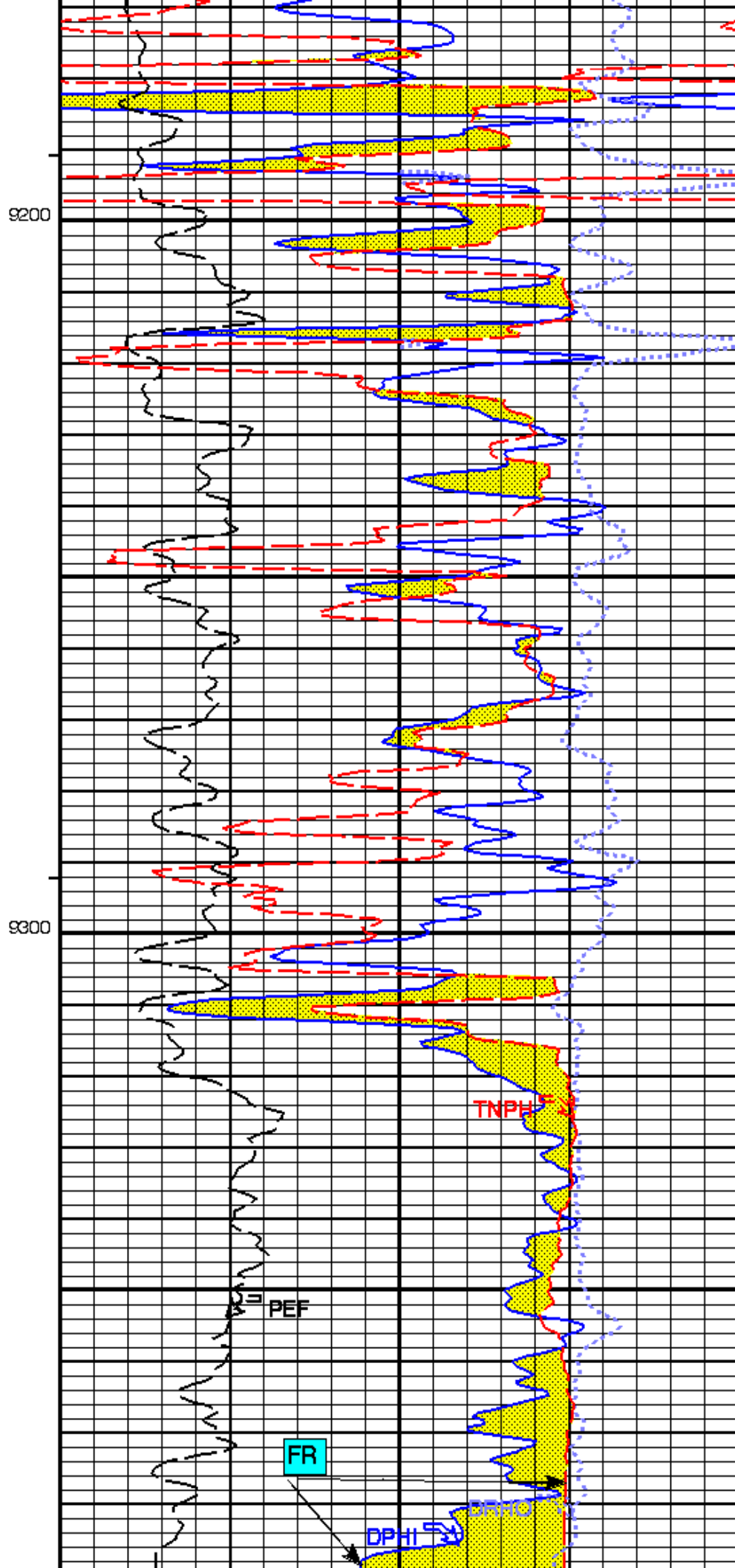
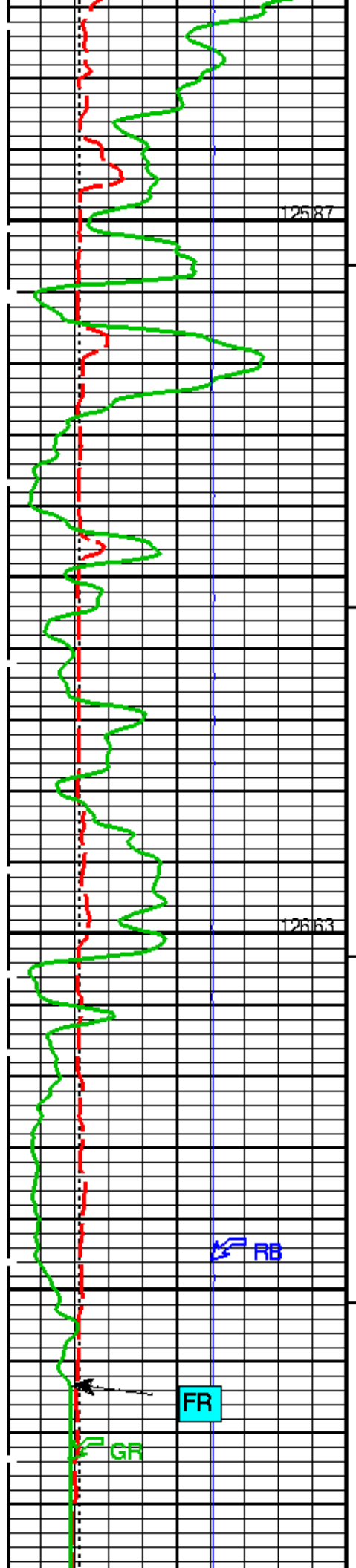












[illegible]

DPHI (DPHI)		
30	(PU)	-10
0	PEF (PEF) (----	10
DRHO (DRHO) (G/C3)		0.5
TNPH (TNPH)		-10
30	(%)	

- └ Integrated Cement Volume Major Pip Every 100 F3
- └ Integrated Cement Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
- └ Integrated Hole Volume Minor Pip Every 10 F3

Parameters			
DLIS Name	Description	Value	
TBT-A: ThruBit String			
BHS	Borehole Status	OPEN	
CSAL	Cement Salinity	0	PPM
CSID	Casing Size I.D.	6.5	IN
DHC	Density Hole Correction	BS	
FD	Fluid Density	1	G/C3
FSAL	Formation Salinity	0	PPM
FSCO	Formation Salinity Correction Enabled? (for TBN)	No	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MDEN	Matrix Density	2.71	G/C3
MT	Mud Type (for TBN and TBI correction)	WBM	
MWCO	Mud-Weight Correction Enabled? (for TBN)	No	
RB_OFFSET	Additional RB offset (degrees)	0	DEG
SO_CO	Stand-Off Correction Enabled? (for TBN)	Yes	
SOFF	TBN Standoff	0.5	IN
TBD_CAL_BLOCK	TBD Calibration Block Type	ThruBit	
TBD_SPIKE_REJECT	TBD Spike Detection Option	Detect	

TBD SPIKE THRESHOLD	TBD Attenuation Change Threshold for Spike Detection	5	%
TBN BHC OP	Borehole Correction Option (for TBN)	Caliper	
TBN CAL TANK	TBN Calibration Tank Type	ThruBit	
TBN PRES OP	Pressure Correction Enabled? (for TBN)	No	
TBN TEMP OP	Temperature Correction Enabled? (for TBN)	No	
TBN WPRE	Well Pressure (for TBN)	0	PSIG
WMUD	Mud Weight	8.345	LB/G
RWA: Apparent Water Resistivity			
BHS	Borehole Status	OPEN	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
DIR: Directional Survey Computation			
SPVD	TVD of Starting Point	0	FT
TIM D	Along-hole depth of Tie-in Point	0	FT
TVD	TVD of Tie-in Point	0	FT
HOLEV: Integrated Hole/Cement Volume			
BHS	Borehole Status	OPEN	
FCD	Future Casing (Outer) Diameter	4.5	IN
HVCS	Integrated Hole Volume Caliper Selection	AUTOMATIC	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
System and Miscellaneous			
BS	Bit Size	6.125	IN
BSAL	Borehole Salinity	63000.00	PPM
CSIZ	Current Casing Size	7.000	IN
DO	Depth Offset for Playback	0.0	FT
PP	Playback Processing	NORMAL	
TD	Total Depth	9429	FT
Format: TB_5INCH_NUCLEAR		Vertical Scale: 5" per 100'	
		Graphics File Created: 17-Jun-2014 16:10	

OP System Version: 19C2-270

TBT-A SRPC-5298-ThruBit

Input DLIS Files

DEFAULT	ThruBit_014PUP	FN:13	PRODUCER	17-Jun-2014 15:43	9403.0 FT	2312.0 FT
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Output DLIS Files

DEFAULT	ThruBit_016PUP	FN:15	PRODUCER	17-Jun-2014 16:10
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ThruBit String / Equipment Identification

Primary Equipment:

Induction Resistivity	TBI - A	34
Density	TBD - A	38
Gamma-Ray Logging Source	GGLS - FZ	
Thermal Neutron	TBN - A	33
Neutron Logging Source	NNLS - EWA	
Telemetry Memory GR	TMG - A	25
Battery	TBAT -	
Battery	TBAT -	

Auxiliary Equipment:

ThruBit String Master Calibration					
TBI Master Calibration Sonde Errors					
Freq 1, A1, R	Value	Nominal	Freq 1, A1, X	Value	Nominal
	-480.703	-457.000		10.5200	300.000
-536.000 (Minimum)	-387.000 (Nominal)	-387.000 (Maximum)	-500.000 (Minimum)	1100.00 (Nominal)	1100.00 (Maximum)
Freq 1, A2, R	Value	Nominal	Freq 1, A2, X	Value	Nominal
	-144.933	-141.000		49.2472	320.000
-162.000 (Minimum)	-120.000 (Nominal)	-120.000 (Maximum)	-75.0000 (Minimum)	700.000 (Nominal)	700.000 (Maximum)
Freq 1, A3, R	Value	Nominal	Freq 1, A3, X	Value	Nominal
	-29.1083	-28.0000		60.9927	50.0000
-38.0000 (Minimum)	-18.0000 (Nominal)	-18.0000 (Maximum)	-375.000 (Minimum)	475.000 (Nominal)	475.000 (Maximum)
Freq 1, A4, R	Value	Nominal	Freq 1, A4, X	Value	Nominal
	-16.8701	-16.0000		105.666	200.000

-24.0000 (Minimum)	(Nominal)	-8.00000 (Maximum)	10.0000	25.0000 (Minimum)	(Nominal)	575.000 (Maximum)	150.000
Freq 1, A5, R		Value	Nominal	Freq 1, A5, X		Value	Nominal
		-12.9376	-14.0000			108.323	150.000
-21.0000 (Minimum)	(Nominal)	-7.00000 (Maximum)		25.0000 (Minimum)	(Nominal)	275.000 (Maximum)	
Freq 2, A1, R		Value	Nominal	Freq 2, A1, X		Value	Nominal
		-255.433	-237.000			-20.5605	150.000
-293.000 (Minimum)	(Nominal)	-186.000 (Maximum)		-375.000 (Minimum)	(Nominal)	675.000 (Maximum)	
Freq 2, A2, R		Value	Nominal	Freq 2, A2, X		Value	Nominal
		-93.9087	-92.0000			3.59367	160.000
-106.000 (Minimum)	(Nominal)	-76.0000 (Maximum)		-100.000 (Minimum)	(Nominal)	425.000 (Maximum)	
Freq 2, A3, R		Value	Nominal	Freq 2, A3, X		Value	Nominal
		-21.6132	-21.0000			-9.27491	-20.0000
-28.0000 (Minimum)	(Nominal)	-13.0000 (Maximum)		-325.000 (Minimum)	(Nominal)	250.000 (Maximum)	
Freq 2, A4, R		Value	Nominal	Freq 2, A4, X		Value	Nominal
		-18.8627	-20.0000			47.1422	100.000
-28.0000 (Minimum)	(Nominal)	-10.0000 (Maximum)		-75.0000 (Minimum)	(Nominal)	275.000 (Maximum)	
Freq 2, A5, R		Value	Nominal	Freq 2, A5, X		Value	Nominal
		-17.8262	-20.0000			-19.3754	-25.0000
-27.0000 (Minimum)	(Nominal)	-10.0000 (Maximum)		-125.000 (Minimum)	(Nominal)	75.0000 (Maximum)	
Freq 3, A1, R		Value	Nominal	Freq 3, A1, X		Value	Nominal
		-161.677	-149.000			-84.5305	25.0000
-193.000 (Minimum)	(Nominal)	-108.000 (Maximum)		-375.000 (Minimum)	(Nominal)	425.000 (Maximum)	
Freq 3, A2, R		Value	Nominal	Freq 3, A2, X		Value	Nominal
		-71.3644	-70.0000			-38.8735	70.0000
-81.0000 (Minimum)	(Nominal)	-57.0000 (Maximum)		-125.000 (Minimum)	(Nominal)	250.000 (Maximum)	
Freq 3, A3, R		Value	Nominal	Freq 3, A3, X		Value	Nominal
		-18.0985	-17.0000			-62.5085	-90.0000
-23.0000 (Minimum)	(Nominal)	-11.0000 (Maximum)		-300.000 (Minimum)	(Nominal)	125.000 (Maximum)	
Freq 3, A4, R		Value	Nominal	Freq 3, A4, X		Value	Nominal
		-20.6616	-22.0000			-54.0306	-50.0000
-31.0000 (Minimum)	(Nominal)	-11.0000 (Maximum)		-200.000 (Minimum)	(Nominal)	100.000 (Maximum)	
Freq 3, A5, R		Value	Nominal	Freq 3, A5, X		Value	Nominal
		-20.4855	-22.0000			-113.911	-110.000
-32.0000 (Minimum)	(Nominal)	-11.0000 (Maximum)		-250.000 (Minimum)	(Nominal)	-25.0000 (Maximum)	
Freq 4, A1, R		Value	Nominal	Freq 4, A1, X		Value	Nominal
		-88.4657	-80.0000			-210.691	-190.000
-108.000 (Minimum)	(Nominal)	-54.0000 (Maximum)		-450.000 (Minimum)	(Nominal)	75.0000 (Maximum)	
Freq 4, A2, R		Value	Nominal	Freq 4, A2, X		Value	Nominal
		-51.9708	-50.0000			-110.200	-75.0000
-60.0000 (Minimum)	(Nominal)	-41.0000 (Maximum)		-200.000 (Minimum)	(Nominal)	50.0000 (Maximum)	
Freq 4, A3, R		Value	Nominal	Freq 4, A3, X		Value	Nominal
		-14.0352	-14.0000			-146.774	-190.000
-19.0000 (Minimum)	(Nominal)	-8.00000 (Maximum)		-350.000 (Minimum)	(Nominal)	-25.0000 (Maximum)	
Freq 4, A4, R		Value	Nominal	Freq 4, A4, X		Value	Nominal
		-23.0046	-25.0000			-206.285	-235.000
-37.0000 (Minimum)	(Nominal)	-11.0000 (Maximum)		-400.000 (Minimum)	(Nominal)	-75.0000 (Maximum)	
Freq 4, A5, R		Value	Nominal	Freq 4, A5, X		Value	Nominal
		-24.8635	-28.0000			-273.289	-300.000

-43.0000 (Minimum)	-12.0000 (Nominal)	-12.0000 (Maximum)		-475.000 (Minimum)	-125.000 (Nominal)	-125.000 (Maximum)	
Master: 14-May-2014 15:55							

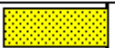
ThruBit String Master Calibration						
TBI Master Calibration COMPLEX GAINS						
Freq 1, R	Value	Nominal	Freq 1, X	Value	Nominal	
	0.9970	1.000		0.001792	0	
	0.9971	1.000		0.002551	0	
	1.002	1.000		-0.005169	0	
	0.9972	1.000		0.004430	0	
	1.000	1.000		0.002174	0	
0.9500 (Minimum)	1.050 (Maximum)		-0.05000 (Minimum)	0.05000 (Maximum)		
(Nominal)			(Nominal)			
Freq 2, R	Value	Nominal	Freq 2, X	Value	Nominal	
	0.9913	1.000		-0.008229	0	
	0.9911	1.000		-0.007244	0	
	0.9902	1.000		-0.007718	0	
	0.9919	1.000		-0.005956	0	
	0.9974	1.000		-0.007752	0	
0.9500 (Minimum)	1.050 (Maximum)		-0.05000 (Minimum)	0.05000 (Maximum)		
(Nominal)			(Nominal)			
Freq 3, R	Value	Nominal	Freq 3, X	Value	Nominal	
	1.001	1.000		-0.002438	0	
	1.001	1.000		-0.001498	0	
	0.9999	1.000		-0.001952	0	
	1.001	1.000		-0.0001965	0	
	1.009	1.000		-0.003337	0	
0.9500 (Minimum)	1.050 (Maximum)		-0.05000 (Minimum)	0.05000 (Maximum)		
(Nominal)			(Nominal)			
Freq 4, R	Value	Nominal	Freq 4, X	Value	Nominal	
	1.000	1.000		0.005988	0	
	0.9999	1.000		0.006847	0	
	1.001	1.000		0.004261	0	
	0.9998	1.000		0.008398	0	
	1.023	1.000		0.003803	0	
0.9300 (Minimum)	1.070 (Maximum)		-0.05000 (Minimum)	0.05000 (Maximum)		
(Nominal)			(Nominal)			
Master: 14-May-2014 15:55						

ThruBit String Master Calibration								
TBD Caliper Master Calibration								
Caliper 12in Ring IN	Value	Nominal	Caliper 9in Ring IN	Value	Nominal	Caliper 6in Ring IN	Value	Nominal
	1897.3	1949.8		2054.1	2096.7		2220.5	2285.7
1799.8 (Minimum)	2099.8 (Maximum)		1946.7 (Minimum)	2246.7 (Maximum)		2135.7 (Minimum)	2435.7 (Maximum)	
Master: 9-Jun-2014 17:03								

ThruBit String Master Calibration						
TBD Density Master Calibration. PEEK Window, ThruBit blocks						
Aluminium Density G/C3	Value	Nominal	Magnesium Density G/C3	Value	Nominal	
	2.607	2.607		1.752	1.752	
2.557 (Minimum)	2.657 (Maximum)		1.702 (Minimum)	1.802 (Maximum)		
LS1 Background CPS	Value	Nominal	SS1 Background CPS	Value	Nominal	
	135.59	140.00		132.89	140.00	
100.00	187.00		100.00	185.00		

(Minimum)	(Nominal)	(Maximum)		(Minimum)	(Nominal)	(Maximum)
LS4 Background CPS			Value	Nominal	SS1 Aluminium CPS	
			27.36	29.00		
20.00 (Minimum)	(Nominal)	38.00 (Maximum)			4076.00 (Minimum)	5613.00 (Maximum)
LS1 Aluminium CPS			Value	Nominal	SS1 Magnesium CPS	
			846.15	870.00		
750.00 (Minimum)	(Nominal)	982.00 (Maximum)			6695.00 (Minimum)	9269.00 (Maximum)
LS4 Aluminium CPS			Value	Nominal		
			985.38	955.00		
796.00 (Minimum)	(Nominal)	1169.0 (Maximum)				
LS1 Al + Sleeve CPS			Value	Nominal		
			727.35	725.00		
650.00 (Minimum)	(Nominal)	838.00 (Maximum)				
LS4 Al + Sleeve CPS			Value	Nominal		
			461.17	426.50		
382.00 (Minimum)	(Nominal)	638.00 (Maximum)				
LS1 Magnesium CPS			Value	Nominal		
			5804.40	5800.00		
5158.00 (Minimum)	(Nominal)	6486.00 (Maximum)				
SS Slope			Value	Nominal		
			1.635	1.645		
1.520 (Minimum)	(Nominal)	1.770 (Maximum)				
LS Slope			Value	Nominal		
			0.4087	0.4150		
0.3800 (Minimum)	(Nominal)	0.4500 (Maximum)				
Pef K Factor			Value	Nominal		
			4.948	4.840		
3.510 (Minimum)	(Nominal)	6.170 (Maximum)				
Pef B Factor			Value	Nominal		
			-0.6495	-0.5550		
-0.7000 (Minimum)	(Nominal)	-0.4100 (Maximum)				

Master: 9-Jun-2014 16:57

ThruBit String Master Calibration						
Thermal Neutron Master Calibration						
TNF, Background CPS			Value	Nominal	TNN, Background CPS	
			0.16	1.0		
0 (Minimum)	(Nominal)	2.0 (Maximum)			0 (Minimum)	2.0 (Maximum)
TNF, Tank CPS			Value	Nominal	TNN, Tank CPS	
			70.46	96.00		
25.00 (Minimum)	(Nominal)	200.0 (Maximum)			750.00 (Minimum)	5700.0 (Maximum)
TNF, Tank + Al Sleeve CPS			Value	Nominal	TNN, Tank + Al Sleeve CPS	
			2192.7	3040.0		
727.00 (Minimum)	(Nominal)	6080.0 (Maximum)			8000.00 (Minimum)	64700.0 (Maximum)
Tank + Al Sleeve Ratio			Value	Nominal	Tank + Al Sleeve Porosity PU	
			11.022	10.797		
10.300 (Minimum)	(Nominal)	11.300 (Maximum)			13.40 (Minimum)	15.40 (Maximum)
Tank, Ratio			Value	Nominal	Tank, Temperature DEGF	
			29.315	30.958		
28.000 (Minimum)	(Nominal)	34.000 (Maximum)			20.0 (Minimum)	120 (Maximum)

(Minimum)	(Nominal)	(Maximum)	(Minimum)	(Nominal)	(Maximum)
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Master: 30-May-2014 14:52

ThruBit String Master Calibration							
TMG Accelerometer Calibration							
Minimum Ax, m/s2		Value	Nominal	Maximum Ax, m/s2		Value	Nominal
NOT DONE		N/A	-9.810	NOT DONE		N/A	9.810
-10.81 (Minimum)	(Nominal)	-8.810 (Maximum)		8.810 (Minimum)	(Nominal)	10.81 (Maximum)	
Minimum Ay, m/s2		Value	Nominal	Maximum Ay, m/s2		Value	Nominal
NOT DONE		N/A	-9.810	NOT DONE		N/A	9.810
-10.81 (Minimum)	(Nominal)	-8.810 (Maximum)		8.810 (Minimum)	(Nominal)	10.81 (Maximum)	
Minimum Az, m/s2		Value	Nominal	Maximum Az, m/s2		Value	Nominal
NOT DONE		N/A	0	NOT DONE		N/A	9.810
-1.000 (Minimum)	(Nominal)	1.000 (Maximum)		8.810 (Minimum)	(Nominal)	10.81 (Maximum)	
FB Offset, degrees		Value	Nominal				
NOT DONE		N/A	0				
-360.0 (Minimum)	(Nominal)	360.0 (Maximum)					
Master: Calibration not done							

ThruBit String Master Calibration					
TMG Gamma-Ray Calibration					
GR Background GAPI	Value	Nominal	GR Jig-Background GAPI	Value	Nominal
NOT DONE	N/A	30.00	NOT DONE	N/A	152.0
0 (Minimum)	120.0 (Maximum)		121.6 (Minimum)	182.4 (Maximum)	
Master: Calibration not done					

Company: **SANDRIDGE ENERGY**

Schlumberger

Well: **ROSE 3408 1-31H**

Field: **MISSISSIPPI LIME**

County: **HARPER**

State: **KANSAS**

**SPECTRAL DENSITY
DUAL SPACED NEUTRON
MEMORY LOG**