

Company: SANDRIDGE ENERGY INC

Well: JANET 3404 1-7H

Field: BLUFF

County: SUMNER

State: KANSAS

ARRAY INDUCTION
GAMMA RAY
MEMORY LOG

SURF LOC: 500' FNL & 1254' FEL

Elev.: K.B. 1253.00 ft

G.L. 1238.00 ft

D.F. 1253.00 ft

Permanent Datum: _____ GROUND LEVEL _____

Elev.: 1238.00 ft

Log Measured From: _____ DRILL FLOOR _____ 15.00 ft above Perm. Datum

Drilling Measured From: _____ DRILL FLOOR _____

County: SUMNER
Field: BLUFF
Location: SURF LOC: 500' FNL & 1254' FEL
Well: JANET 3404 1-7H
Company: SANDRIDGE ENERGY INC

LOCATION		SURF LOC: 500' FNL & 1254' FEL		Elev.: K.B. 1253.00 ft	
				G.L. 1238.00 ft	
				D.F. 1253.00 ft	
		Permanent Datum: _____		GROUND LEVEL _____	
		Log Measured From: _____		DRILL FLOOR _____	
		Drilling Measured From: _____		DRILL FLOOR _____	
API Serial No.		15191227480100		Section	18
Township		34S		Range	4W

Logging Date	Run 1	Run 2	Run
09 JUNE 2014			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth			
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			
Density			
Fluid Loss			
Source Of Sample			
RM @ Measured Temperature	@	@	
RMF @ Measured Temperature	@	@	
RMC @ Measured Temperature	@	@	
Source RMF			
RM @ MRT	@	@	
RMF @ MRT			
Maximum Recorded Temperatures			
Circulation Stopped			
Logger On Bottom			
Unit Number			
Recorded By			
Witnessed By			

Logging Date 09 JUNE 2014

Run Number 1

Depth Driller 9579 ft

Schlumberger Depth 9548 ft

Bottom Log Interval 9538 ft

Top Log Interval 2500 ft

Casing Driller Size @ Depth 7.000 in @ 5168 ft

Casing Schlumberger 5166 ft

Bit Size 6.125 in

Type Fluid In Hole WBM

Density 8.3 lbm/gal

Fluid Loss 100 cm3

Source Of Sample SHAKER

RM @ Measured Temperature 1.250 ohm.m @ 66 degF

RMF @ Measured Temperature 0.940 ohm.m @ 66 degF

RMC @ Measured Temperature 2.200 ohm.m @ 66 degF

Source RMF CALCULATED

RM @ MRT 0.624 @ 139

RMF @ MRT 0.469 @ 139

Maximum Recorded Temperatures 139 degF

Circulation Stopped 09JUNE2014 11:00

Logger On Bottom 09JUNE2014 12:45

Unit Number 4 OKC, OK

Recorded By D. THOMAS

Witnessed By MIKE WENNIGER

Logging Date

Run Number

Depth Driller

Schlumberger Depth

Bottom Log Interval

Top Log Interval

Casing Driller Size @ Depth

Casing Schlumberger

Bit Size

Type Fluid In Hole

Density

Fluid Loss

Source Of Sample

RM @ Measured Temperature

RMF @ Measured Temperature

RMC @ Measured Temperature

Source RMF

RM @ MRT

RMF @ MRT

Maximum Recorded Temperatures

Circulation Stopped

Logger On Bottom

Unit Number

Recorded By

Witnessed By

DISCLAIMER

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.

OTHER SERVICES1

OS1: THRUBIT
OS2: PORTAL
OS3: BIT
OS4:
OS5:

OTHER SERVICES2

OS1:
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1

LEVEL 4 - HORIZONTAL MEMORY PUMP DOWN - BIT DEPTH: 9490'
ALL SCALES AND PRESENTATIONS PER CLIENT REQUEST
LIMESTONE MATRIX, 2.71 G/CC, USED TO CALCULATE POROSITIES
TOOL STRING RAN WITH SWIVEL, SMALL DECENTRALIZER, NO STANDOFFS
CEMENT VOLUME CALCULATED FOR 4.50" FUTURE CASING, FT3
HSPM AND PASON USED TO CREATE LOG DEPTH
LOG DEPTH CORRELATED TO MWD GAMMA AT CUSTOMERS REQUEST

REMARKS: RUN NUMBER 2

LOG TO: 2500'

CREW: D. THOMAS, J. HIRST, J. DOTY
RIG: UNIT # 310

RUN 1

SERVICE ORDER #: 2936
PROGRAM VERSION: 19C2-270
FLUID LEVEL: 0 ft

RUN 2

SERVICE ORDER #:
PROGRAM VERSION:
FLUID LEVEL:

LOGGED INTERVAL	START	STOP

LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1

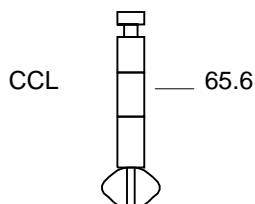
SURFACE EQUIPMENT

WITM (ThruBit)

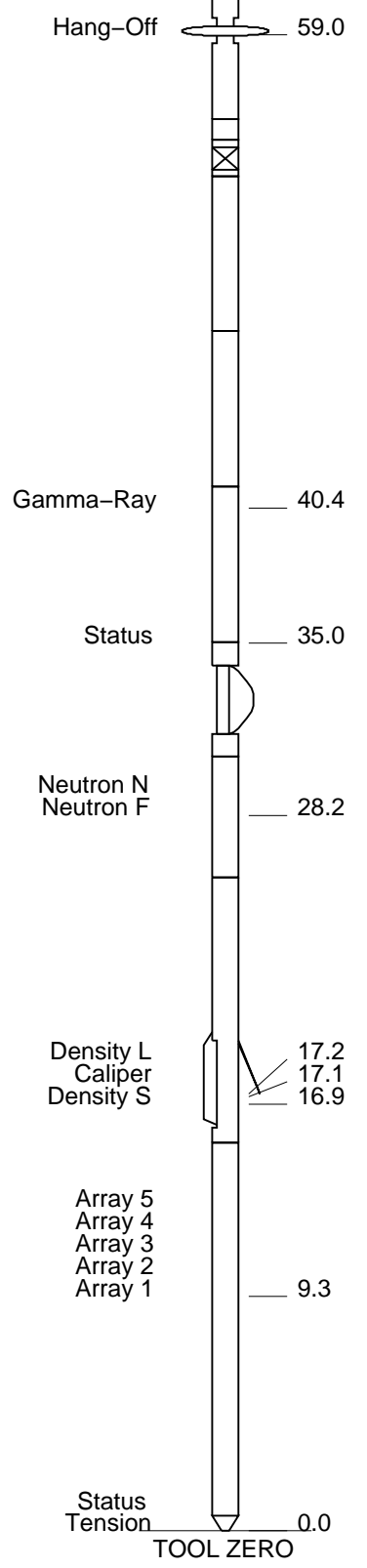
RUN 2

DOWNHOLE EQUIPMENT

TBT-A 68.6
THEAD
CCL
BDOT-B 6
THOT
T10_1
TBUJ1
TBAT1 40



TBAT2 7
TMG-A 10
TILE-A
TBN-A 5
NNLS-EWA
TBD-A 1
GGLS-FZ
TBI-A 19



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



MAIN PASS (2"/100' SCALE)

MAXIS Field Log

Company: SANDRIDGE ENERGY INC Well: JANET 3404 1-7H

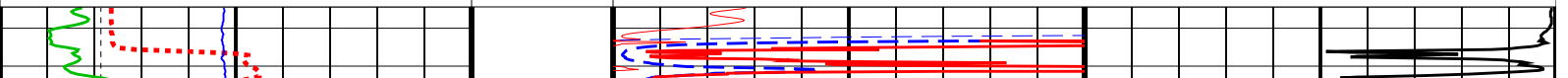
Input DLIS Files

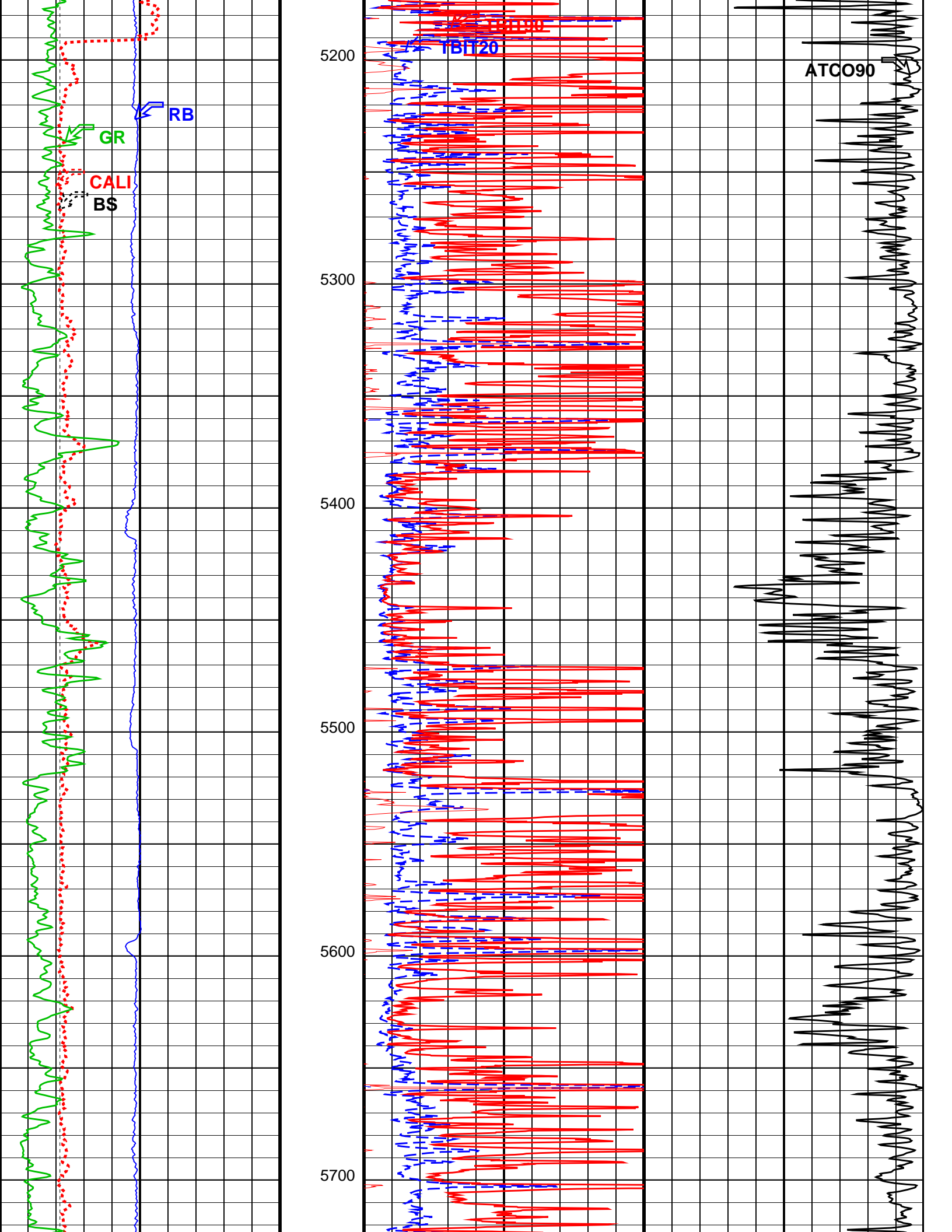
DEFAULT ThruBit_012PUP FN:11 PRODUCER 09-Jun-2014 21:13 9546.0 FT 2390.0 FT

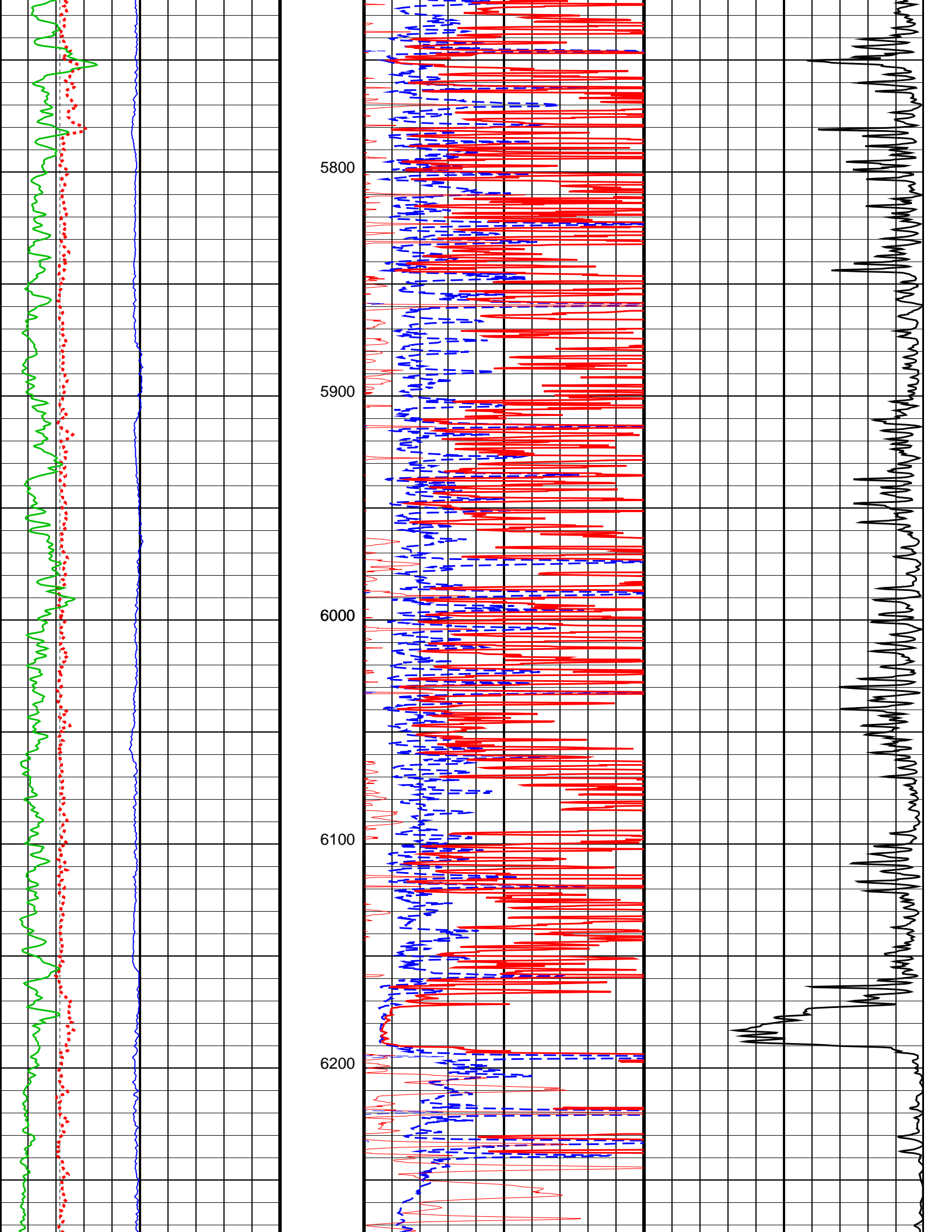
OP System Version: 19C2-270

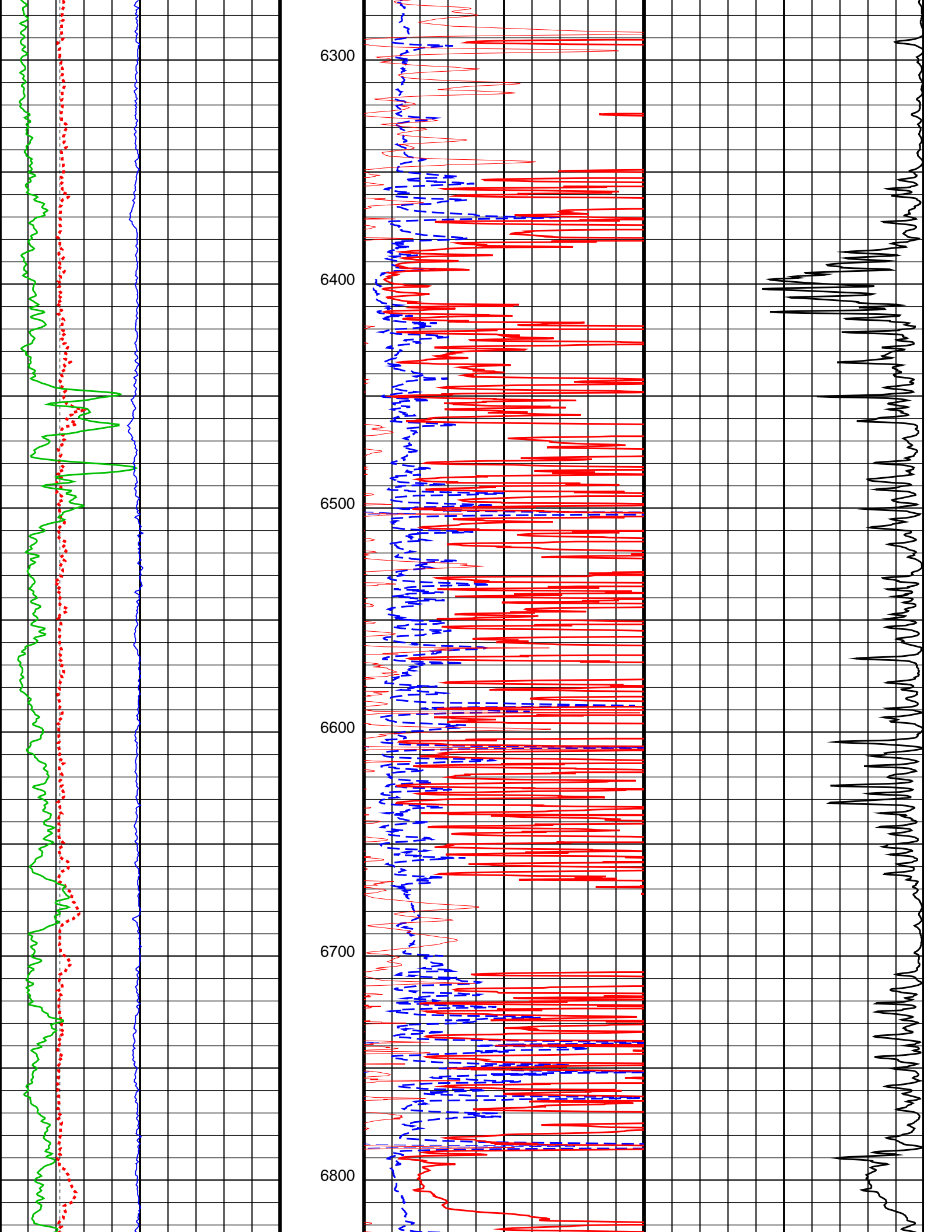
TBT SRPC-5298-ThruBit_b

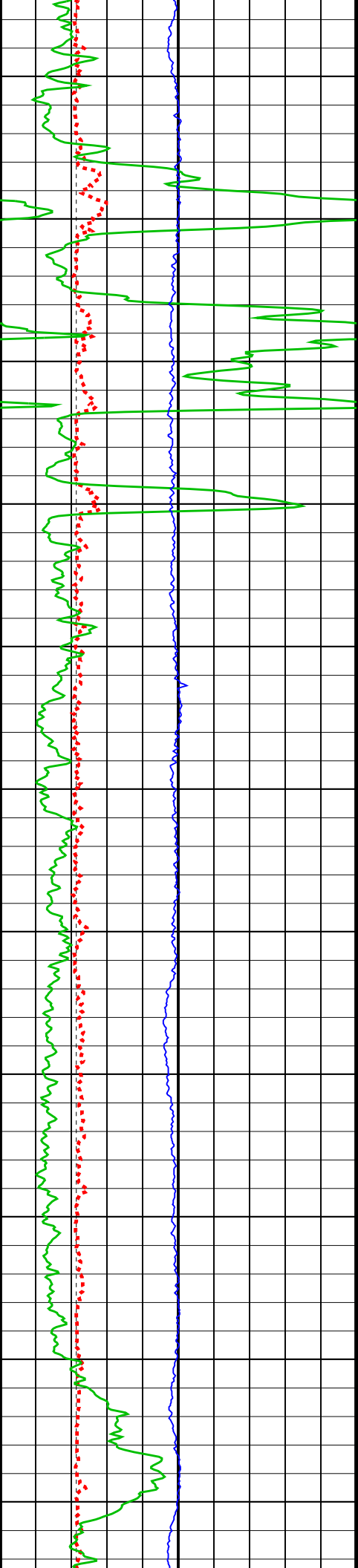
	TBI 20 Inch Investigation (TBIT20) 50 (OHMM) 500	
Caliper (CALI) 4 (IN) 14	TBI 90 Inch Investigation (TBIT90) 50 (OHMM) 500	
Gamma Ray (GR) 0 (GAPI) 150	TBI 90 Inch Investigation (TBIT90) 0 (OHMM) 50	
Relative Bearing (RB) 0 (DEG) 360	TBI 20 Inch Investigation (TBIT20) 0 (OHMM) 50	
Bit Size (BS) 4 (IN) 14	TBI 90 Inch Conductivity (ATCO90) 1000 (MM/M) 0	











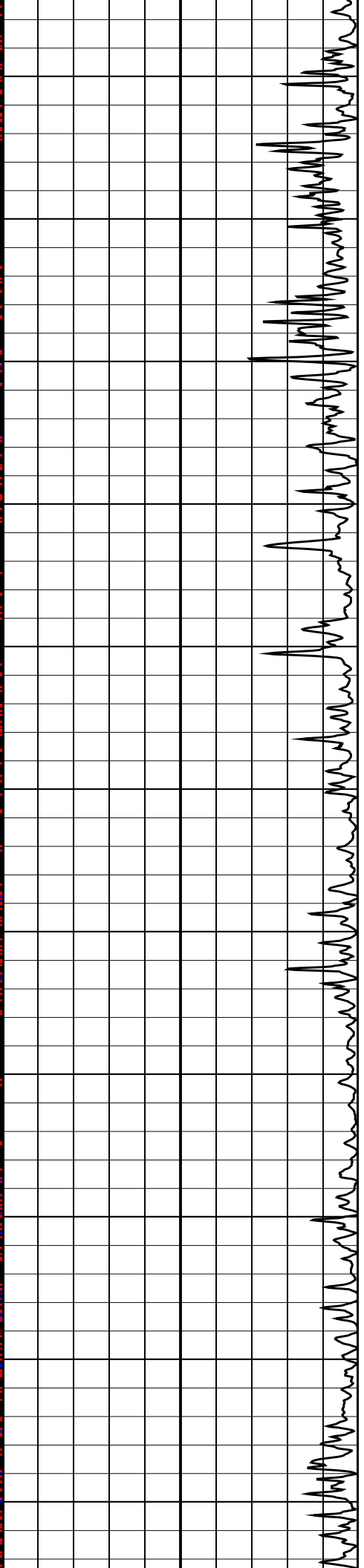
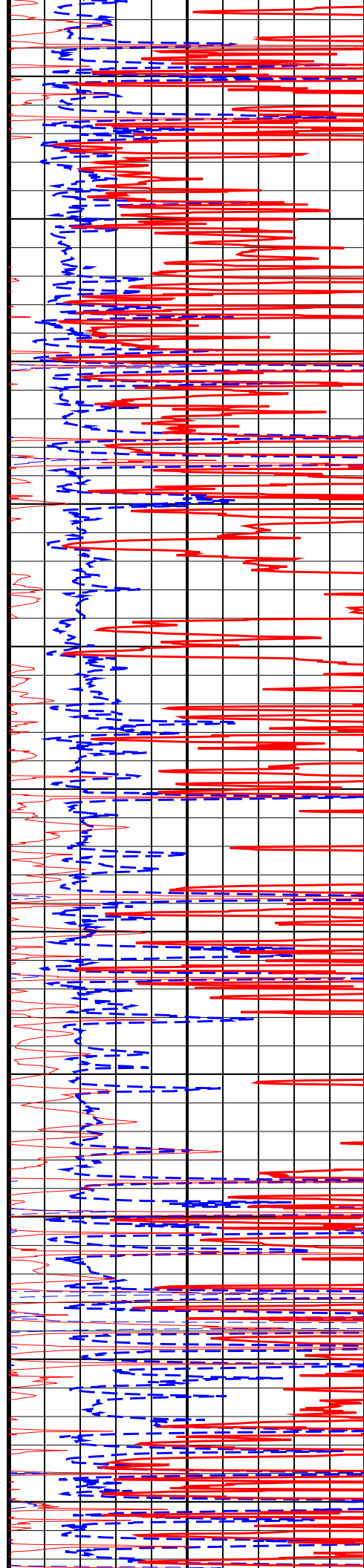
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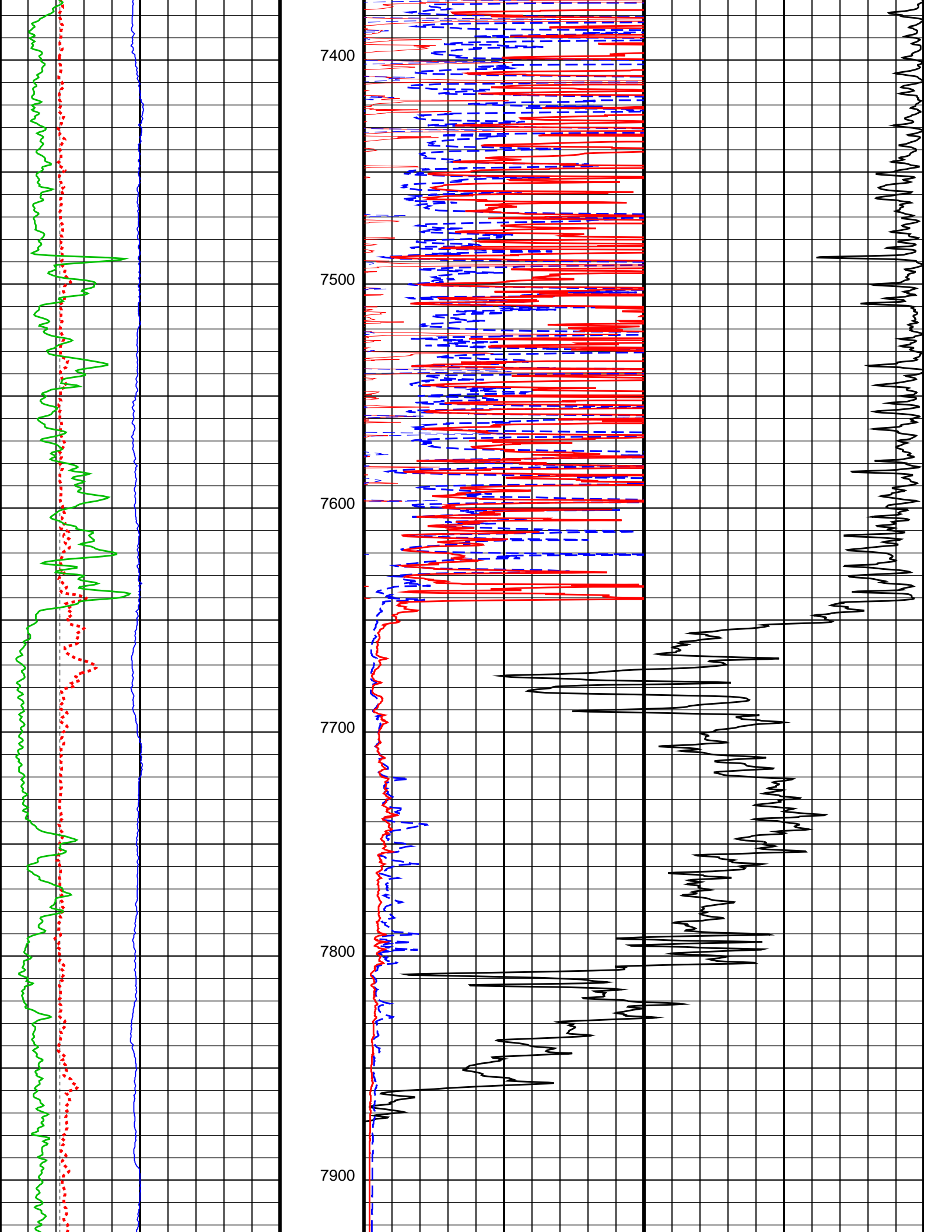
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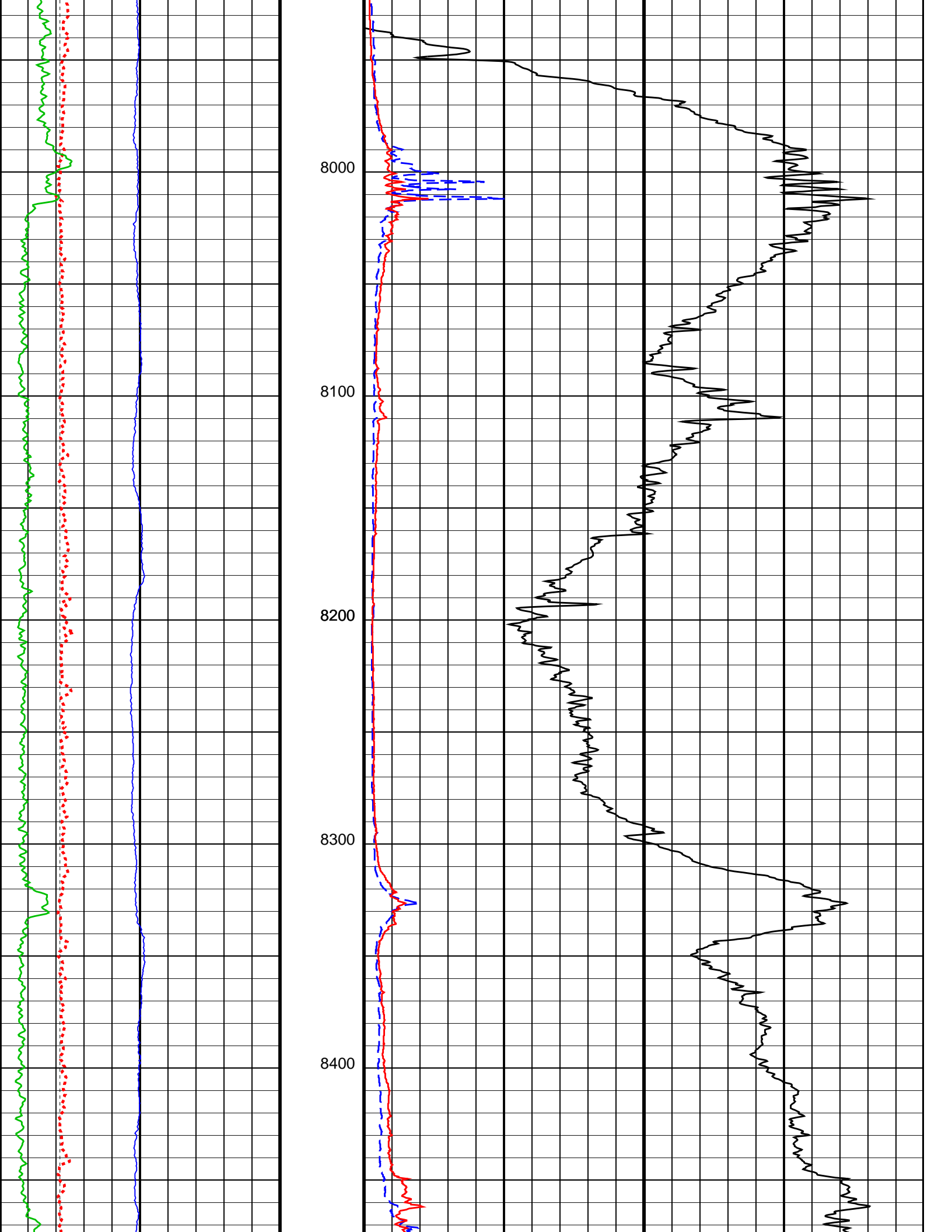
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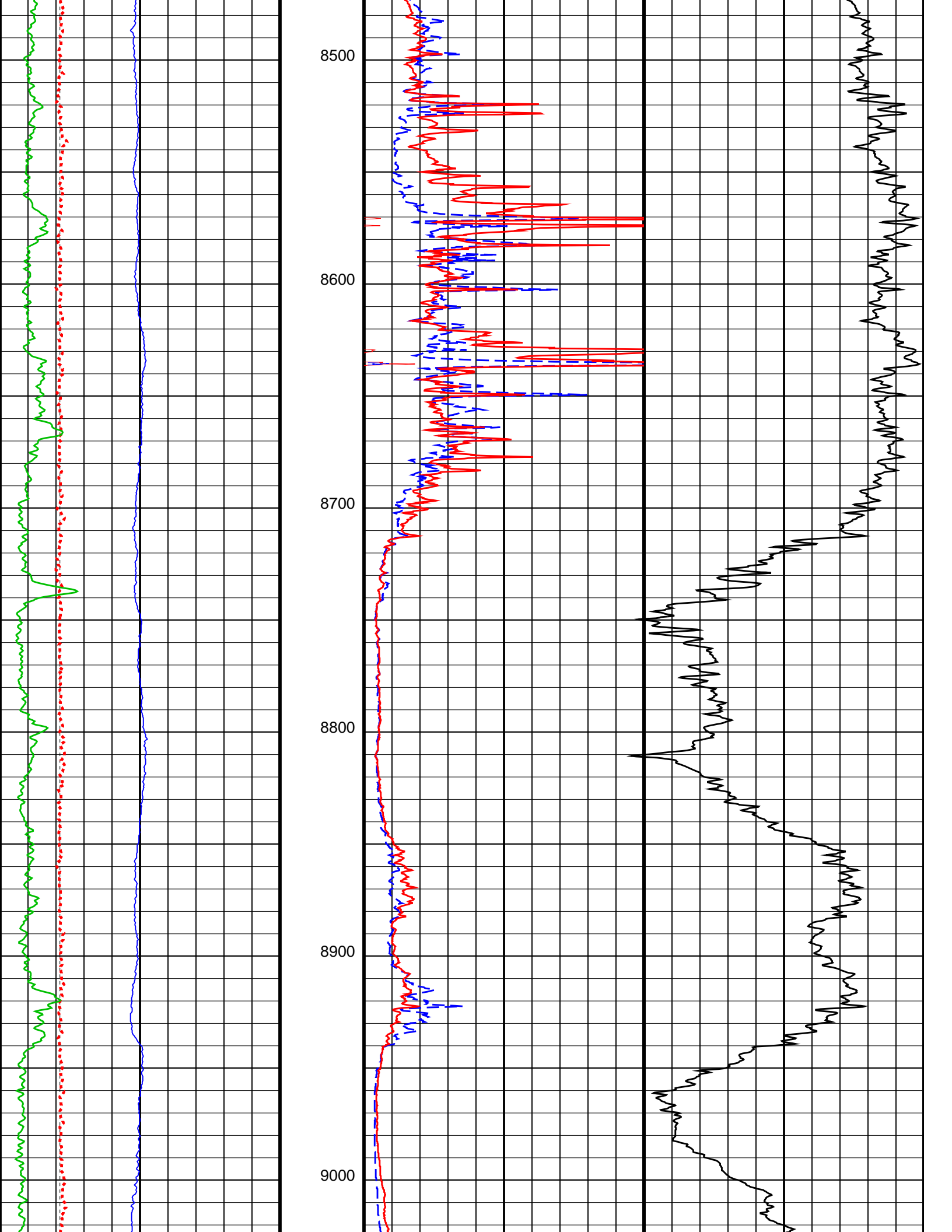
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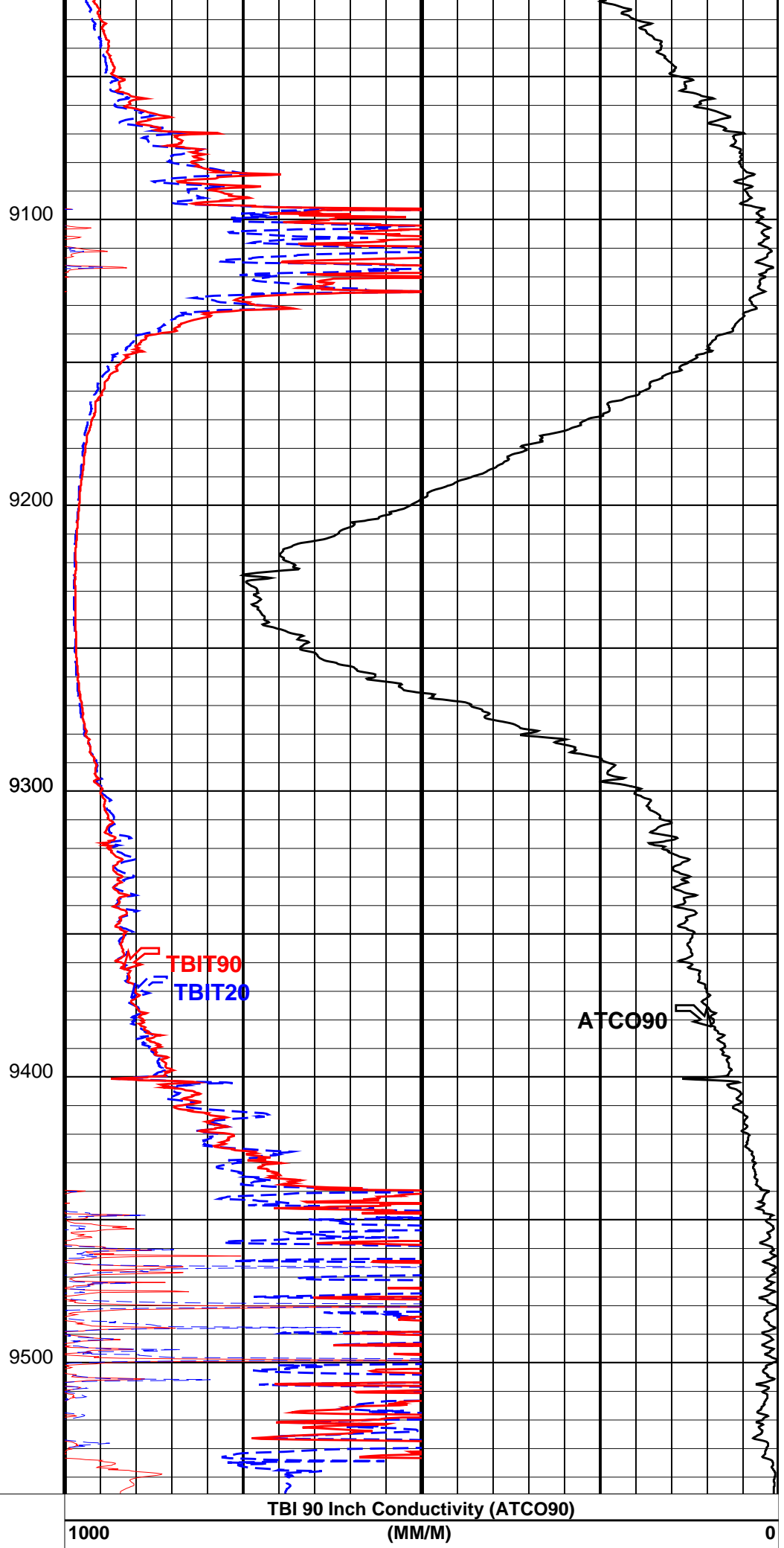
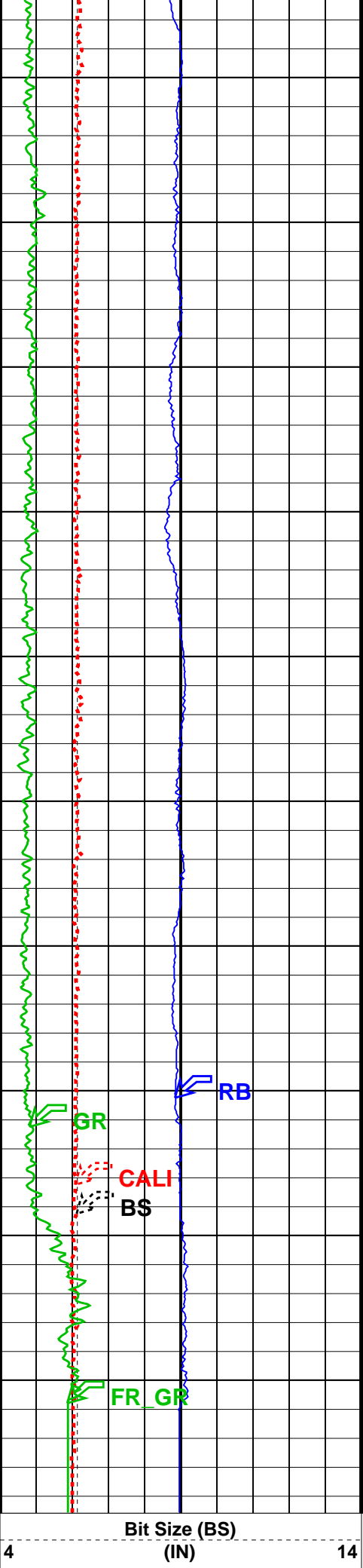
7300











Relative Bearing (RB)		
0	(DEG)	360
Gamma Ray (GR)		
0	(GAPI)	150
Caliper (CALI)		
4	(IN)	14

TBI 20 Inch Investigation (TBIT20)		
0	(OHMM)	50
TBI 90 Inch Investigation (TBIT90)		
0	(OHMM)	50
TBI 90 Inch Investigation (TBIT90)		
50	(OHMM)	500
TBI 20 Inch Investigation (TBIT20)		
50	(OHMM)	500

Parameters

DLIS Name	Description	Value
TBT-A: ThruBit String		
MT	Mud Type (for TBN and TBI correction)	WBM
RB_OFFSET	Additional RB offset (degrees)	0.000 deg
TBI_ALGO	TBI Algorithm Selection	AIT
TBI_BHC_OP	Borehole Correction Option (for TBI)	CALIPER
TBI_CALTYP	TBI Mastercal Type	THRUBIT
TBI_REPL_ARRAY_DEST	TBI: Replace This Array	NONE
TBI_REPL_ARRAY_SOURCE	TBI: With This Array	NONE
TBI_TC_OP	Induction Temperature Correction Option	LOWER
DIR: Directional Survey Computation		
SPVD	TVD of Starting Point	0.000 ft
TIMD	Along-hole depth of Tie-in Point	0.000 ft
TIVD	TVD of Tie-in Point	0.000 ft
System and Miscellaneous		
BS	Bit Size	6.125 in

Format: TB_2INCH_RESISTIVITY Vertical Scale: 2" per 100' Graphics File Created: 09-Jun-2014 21:20

OP System Version: 19C2-270

TBT SRPC-5298-ThruBit_b

Input DLIS Files

DEFAULT ThruBit_012PUP FN:11 PRODUCER 09-Jun-2014 21:13 9546.0 FT 2390.0 FT

MAIN PASS (5"/100' SCALE)

MAXIS Field Log

Company: SANDRIDGE ENERGY INC

Well: JANET 3404 1-7H

Input DLIS Files

DEFAULT ThruBit_012PUP FN:11 PRODUCER 09-Jun-2014 21:13 9546.0 FT 2390.0 FT

OP System Version: 19C2-270

TBT SRPC-5298-ThruBit_b

GR TEMP (WTEP) (DEGF)		TBI 90 Inch Investigation (TBIT90)	
4	(IN)	0.2	(OHMM)
Gamma Ray (GR)		TBI 60 Inch Investigation (TBIT60)	
0	(GAPI)	0.0	(OHMM)

(GAPI) 150

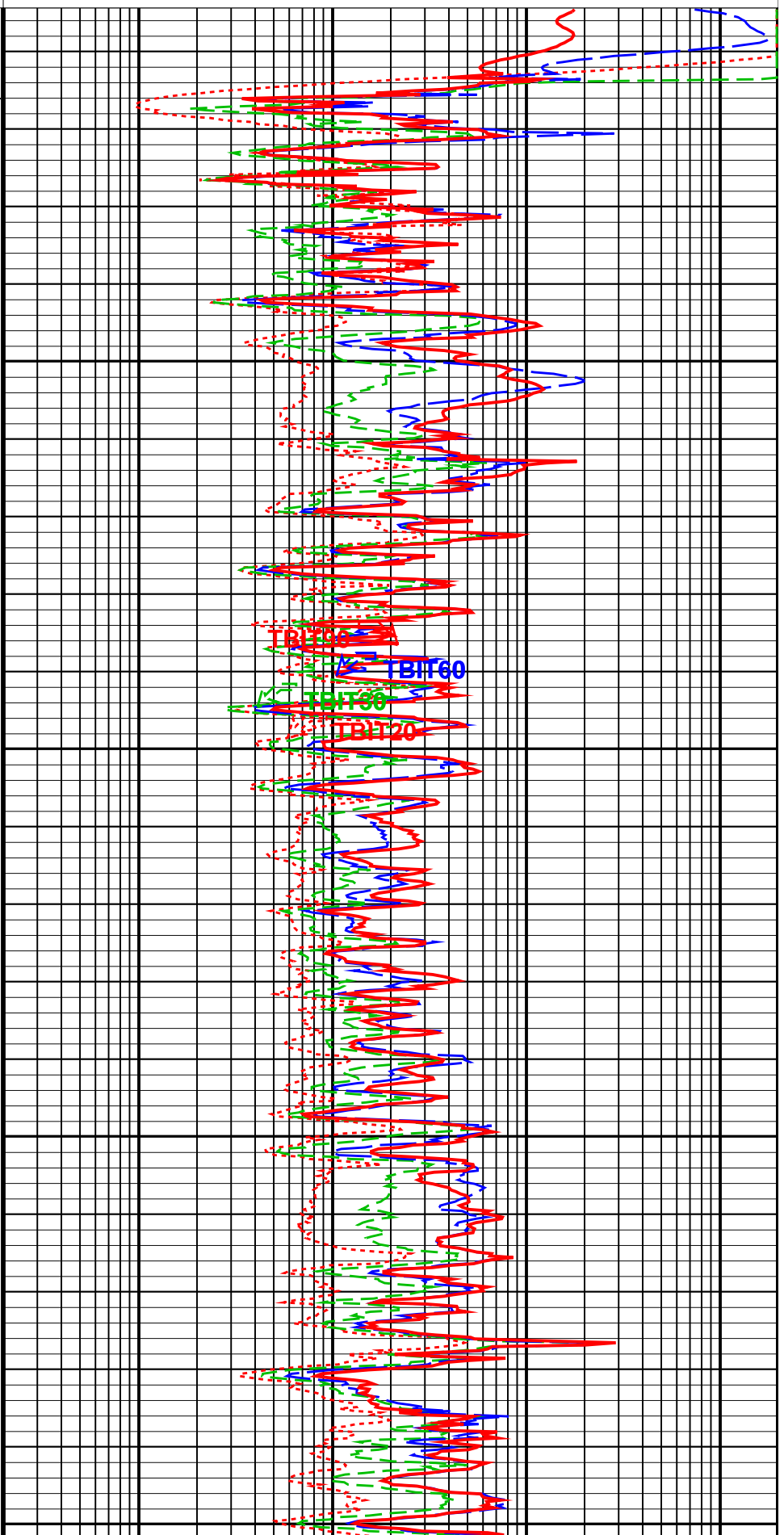
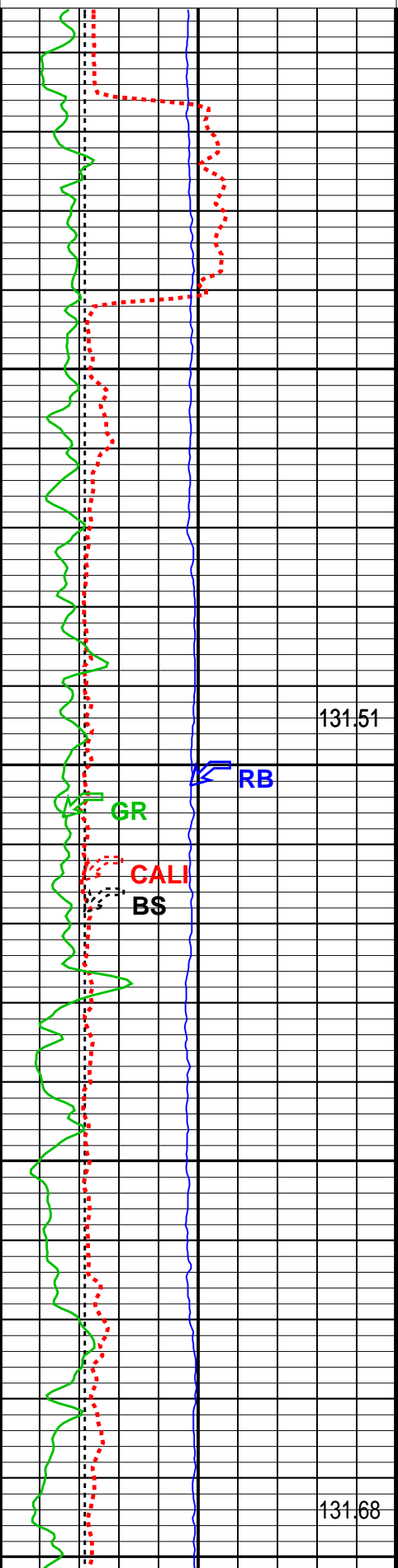
Bit Size (BS)
(IN) 4 14

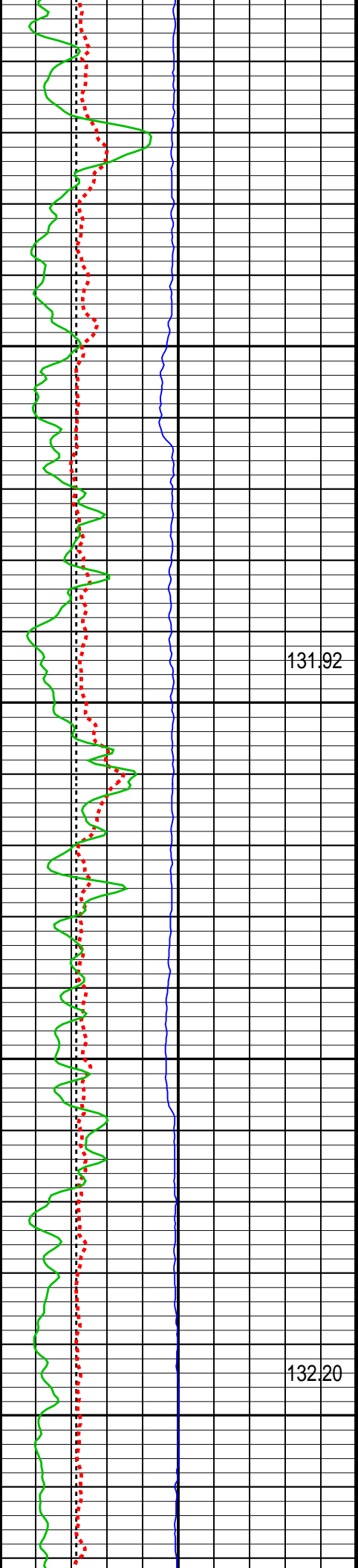
Relative Bearing (RB)
(DEG) 0 360

0.2 (OHMM) 2000

TBI 30 Inch Investigation (TBIT30)
(OHMM) 2000

TBI 20 Inch Investigation (TBIT20)
(OHMM) 2000



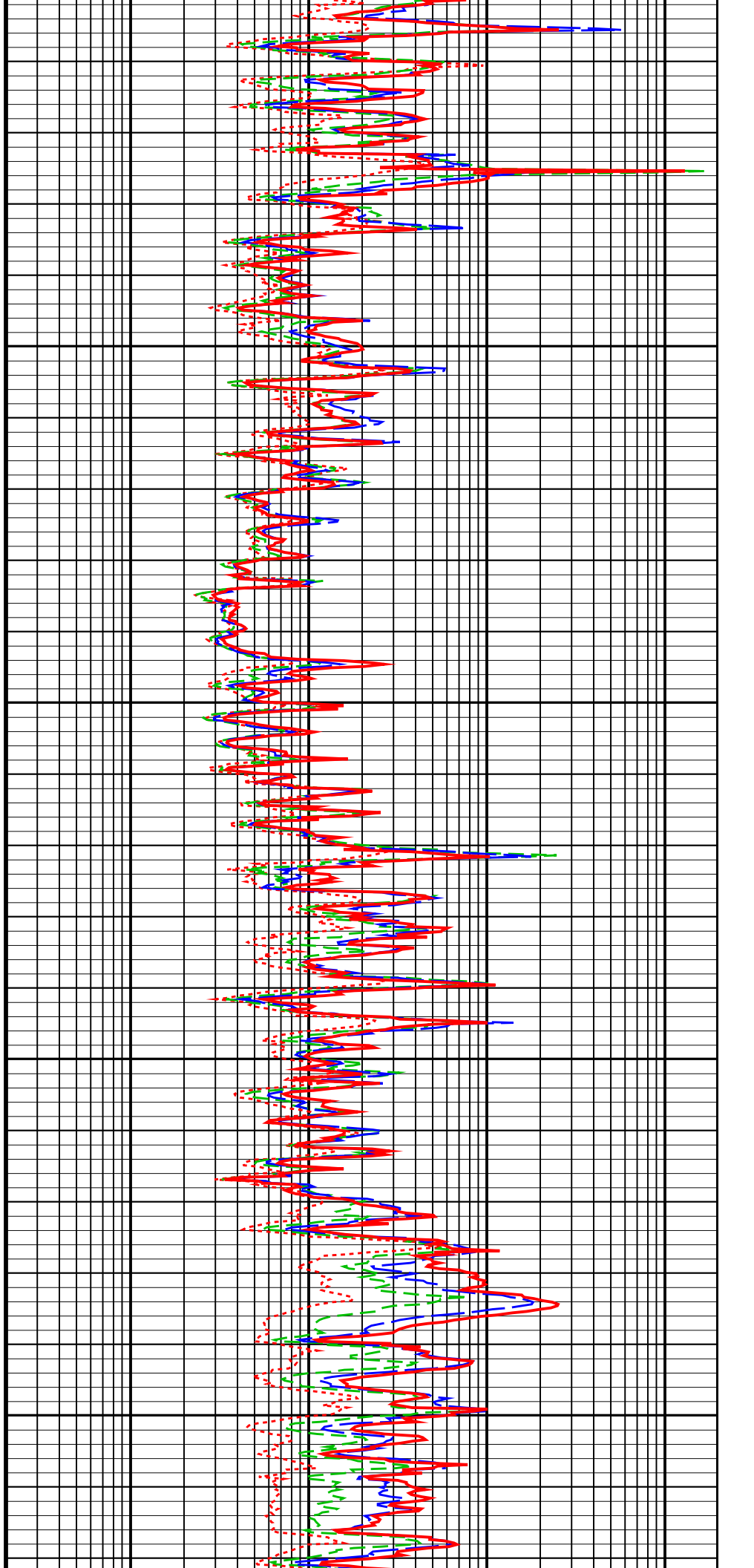


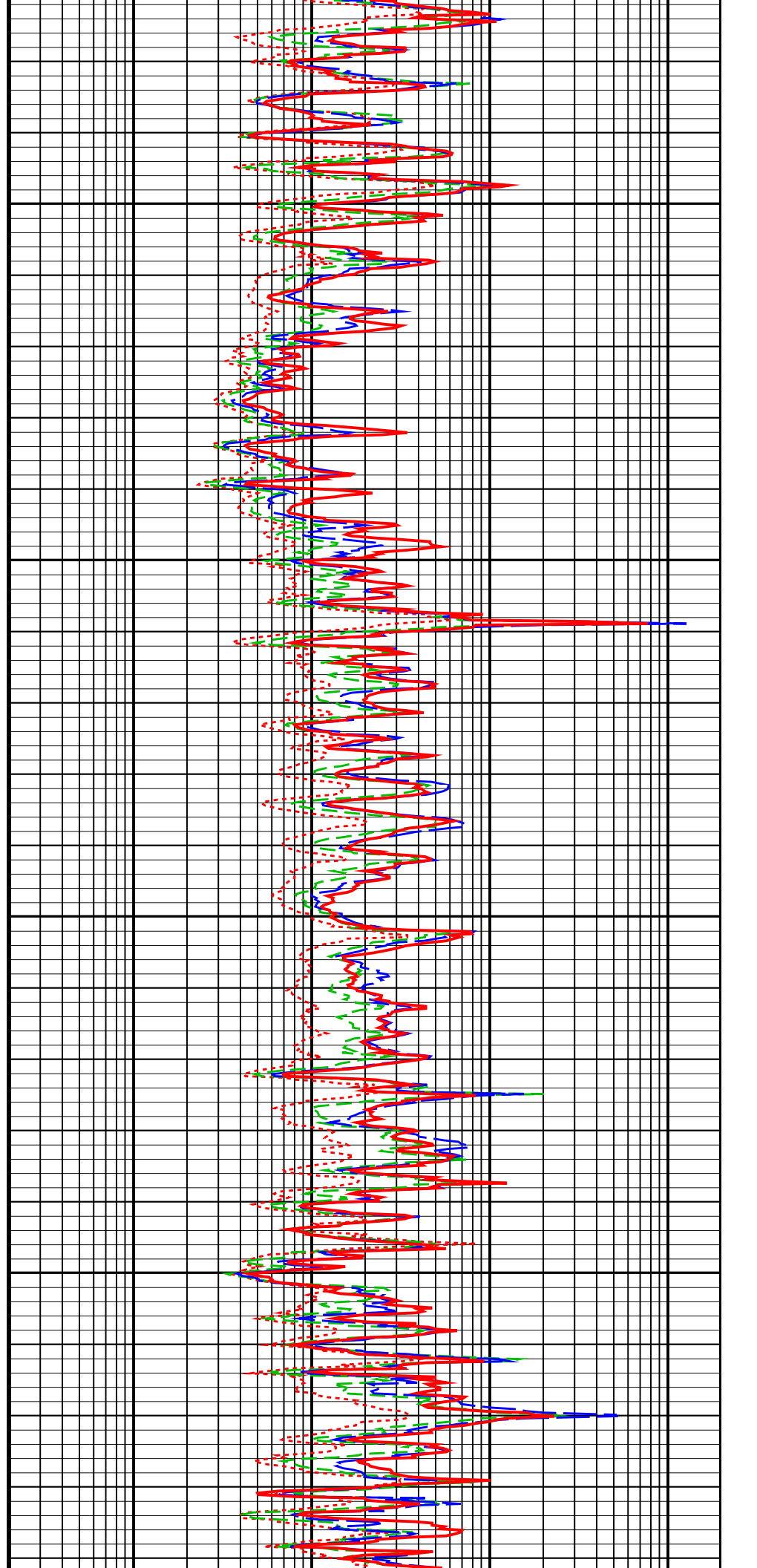
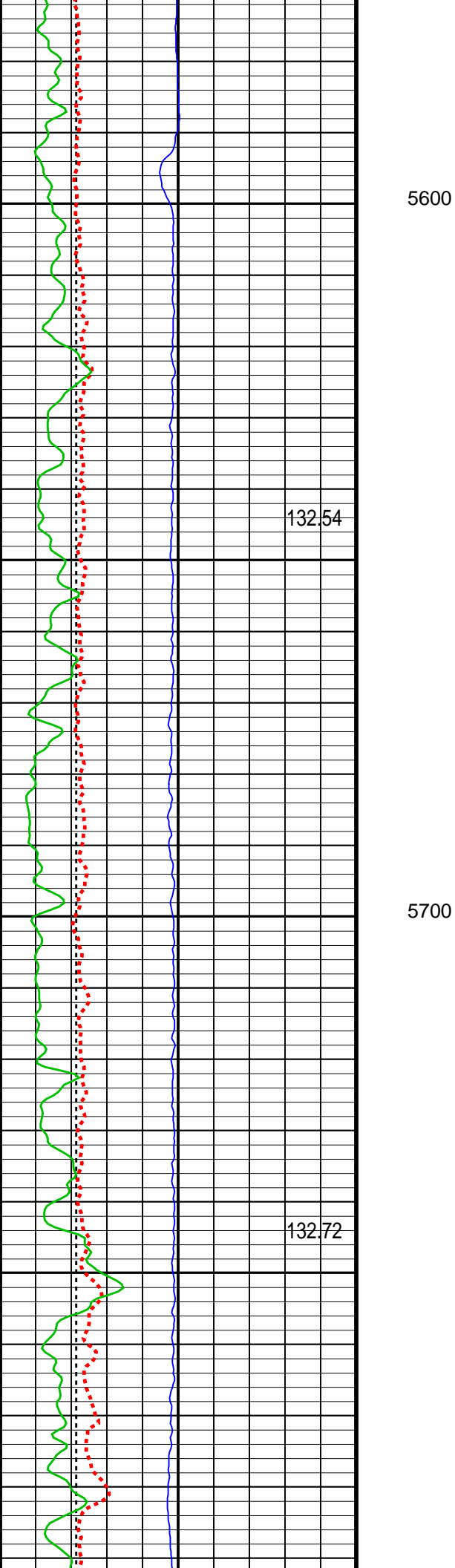
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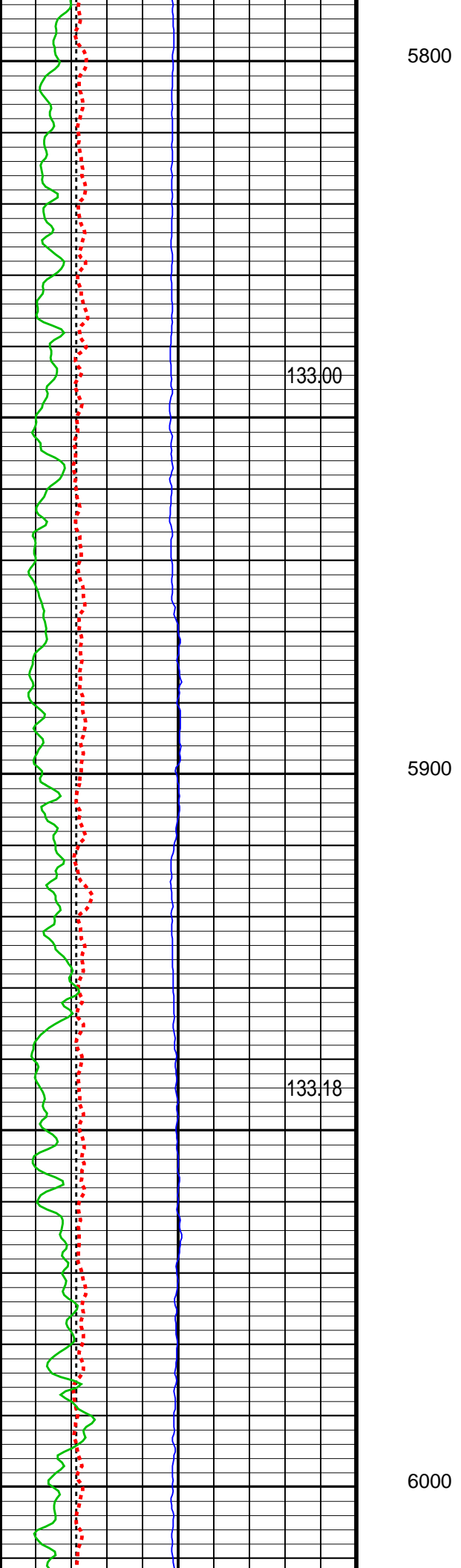
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5500

132.20







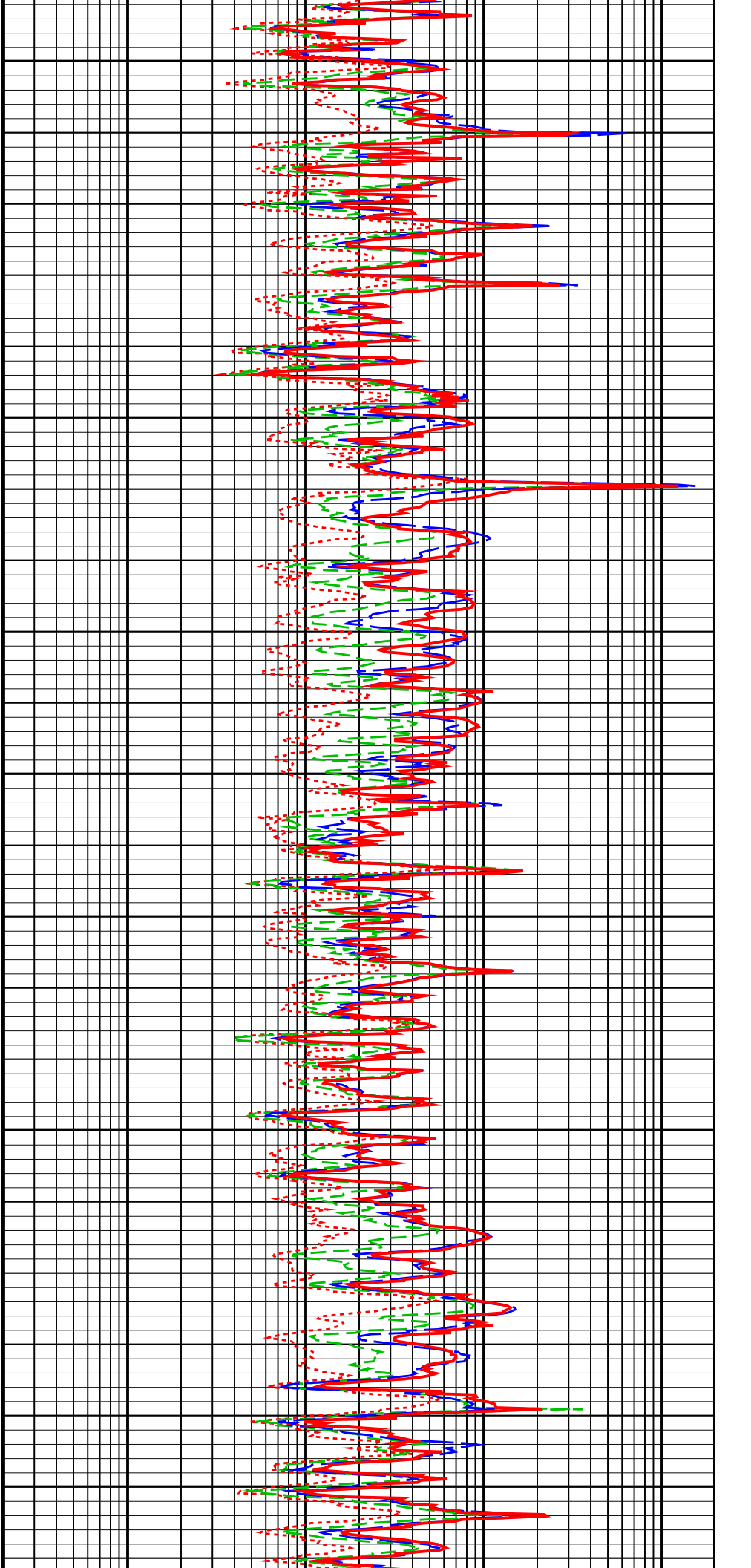
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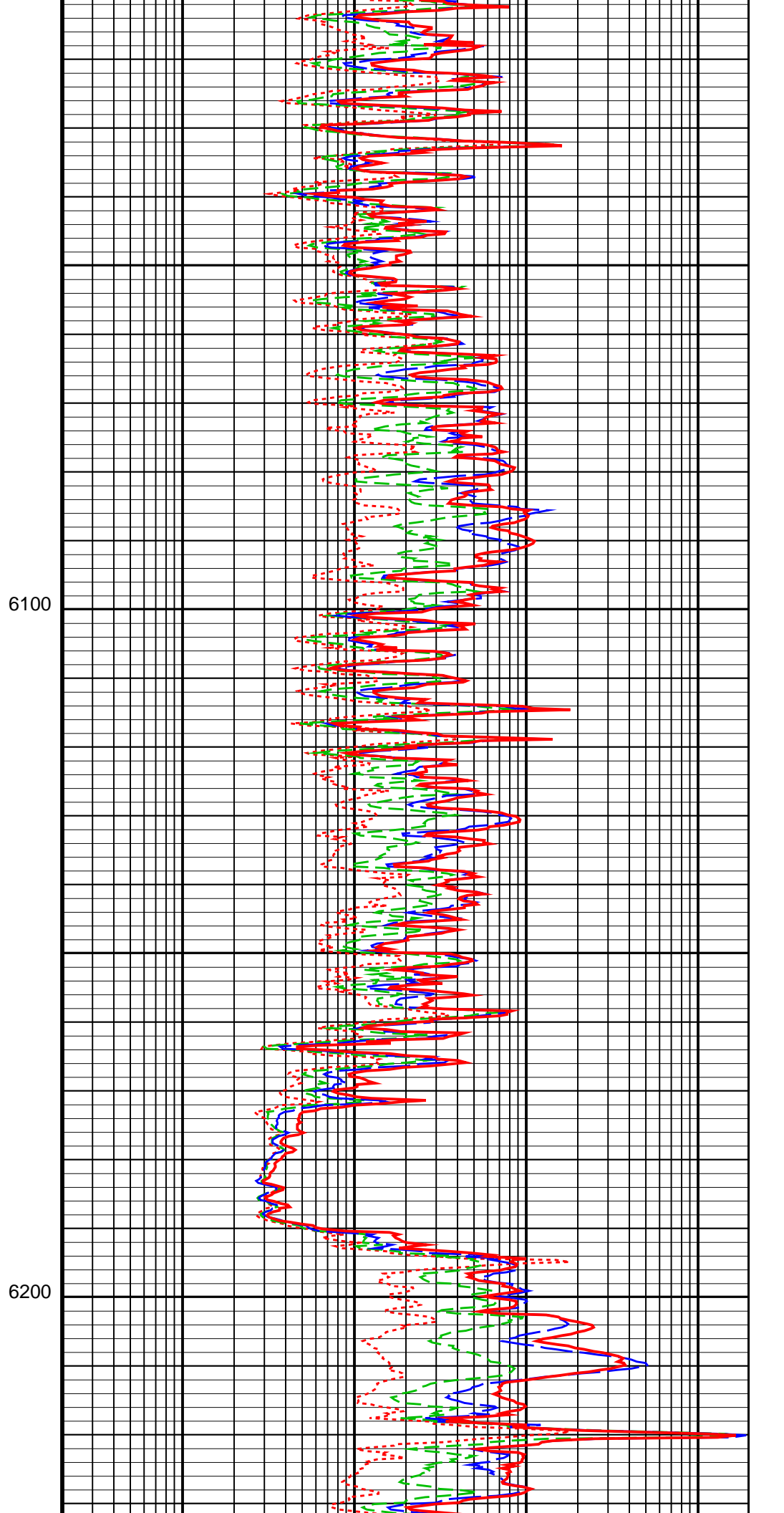
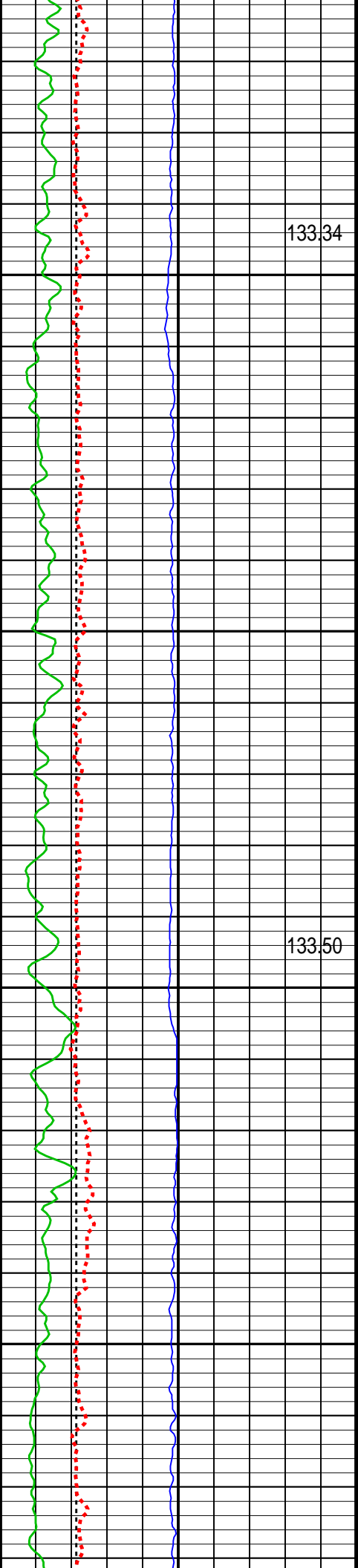
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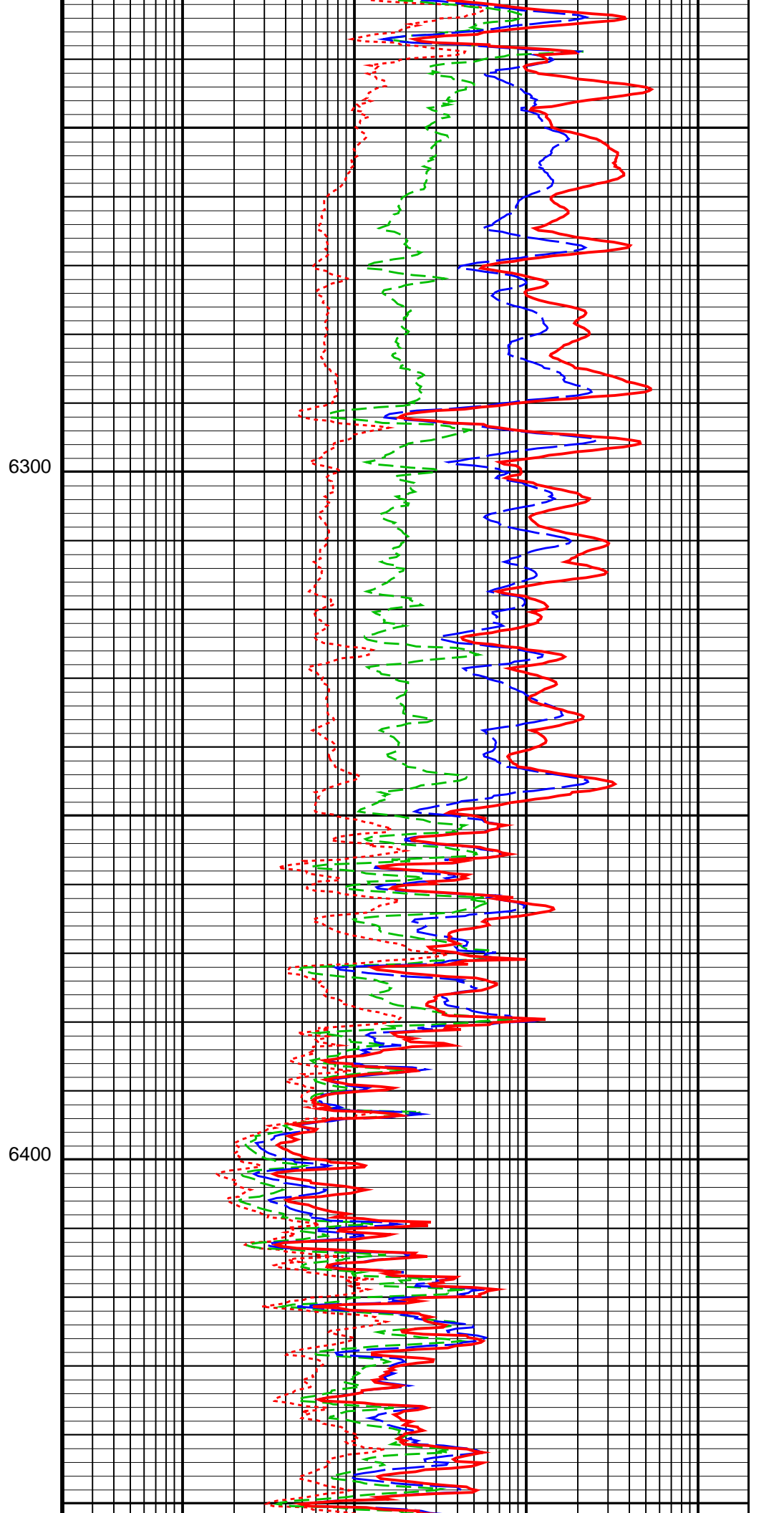
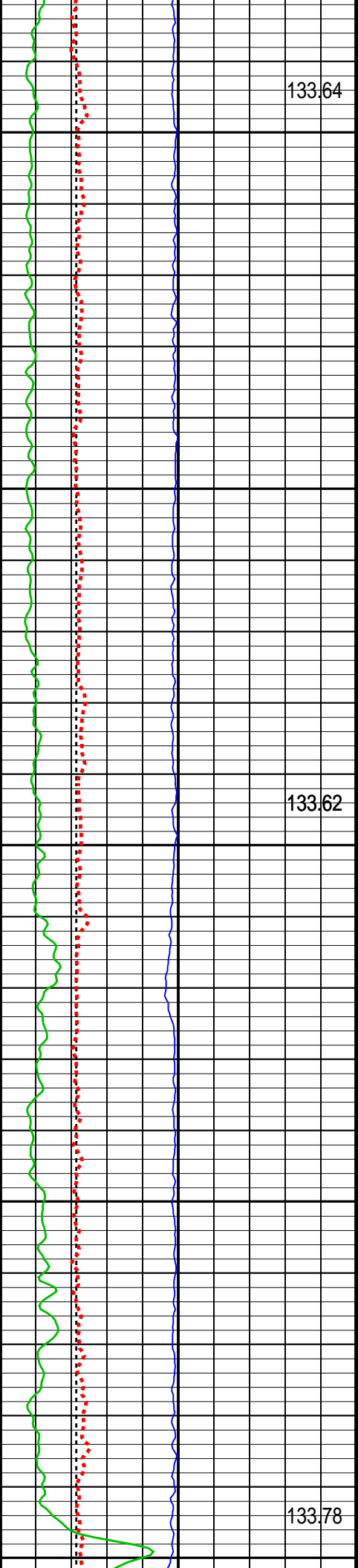
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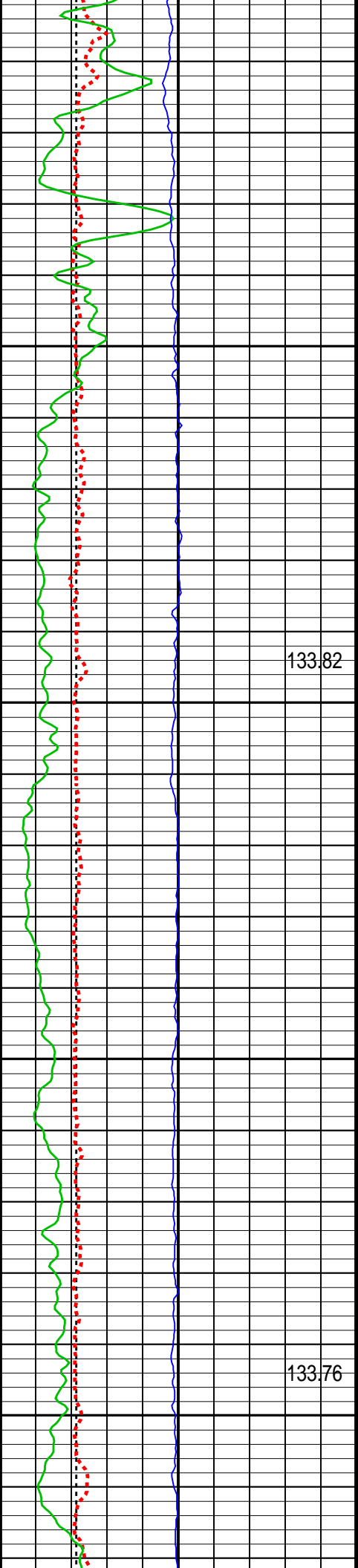
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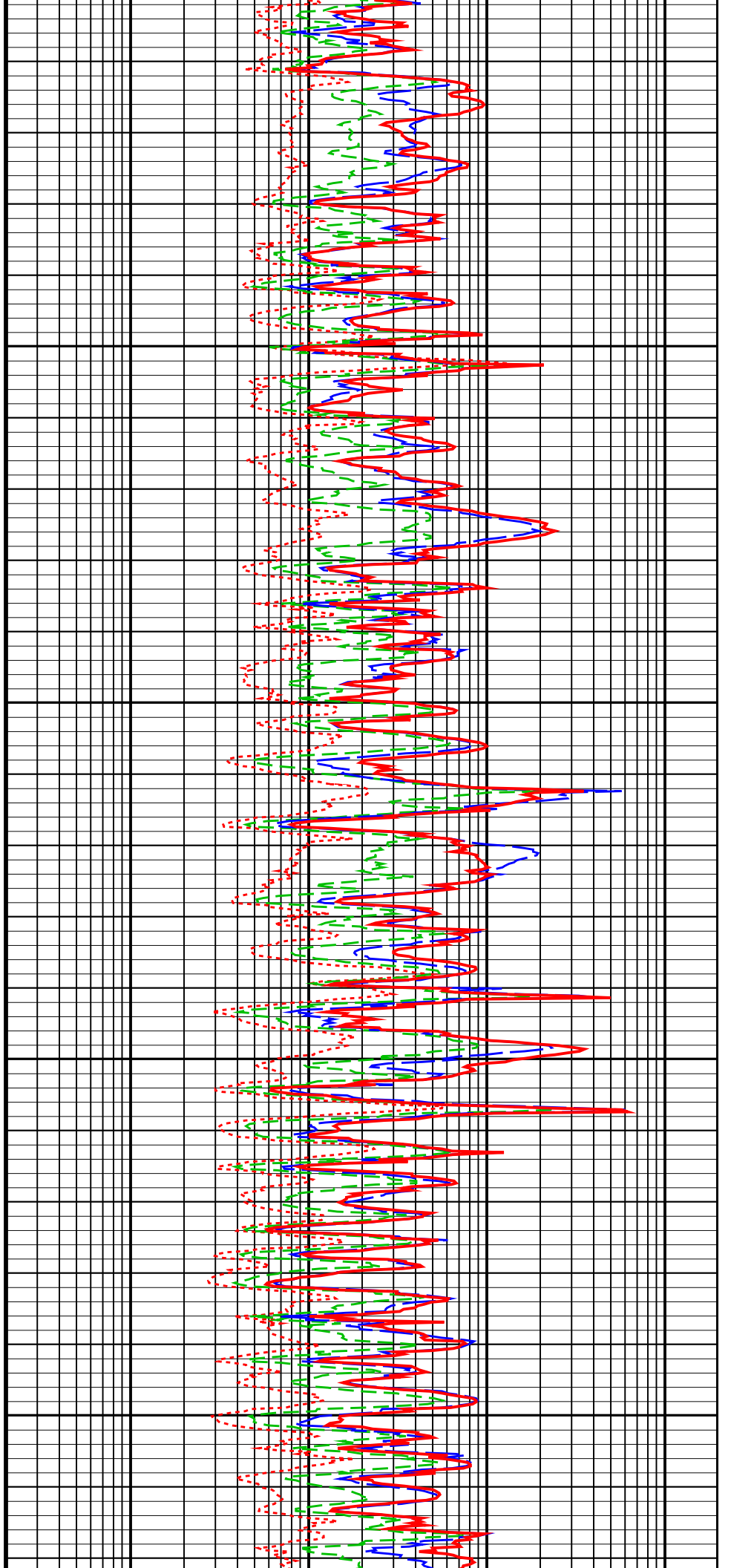


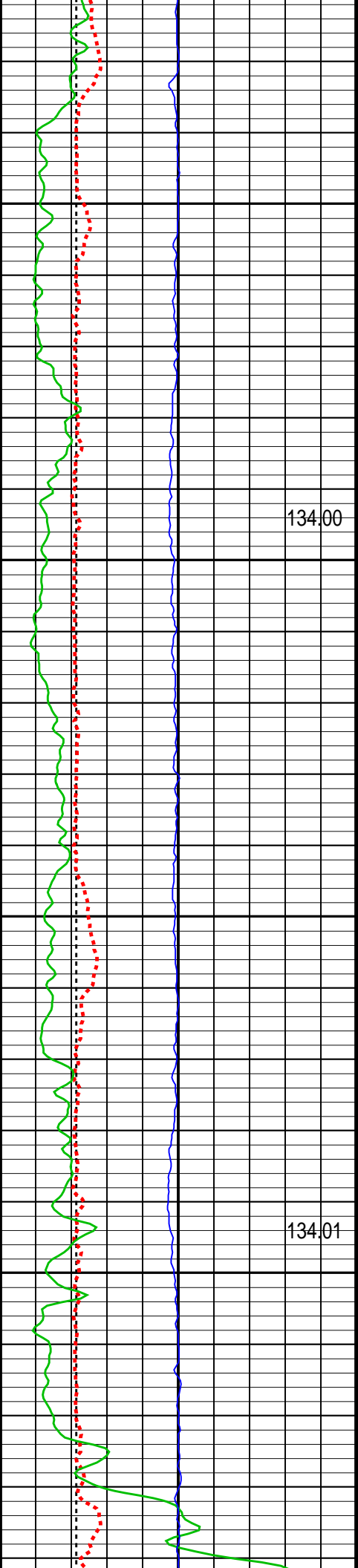
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133.82

6600

133.76



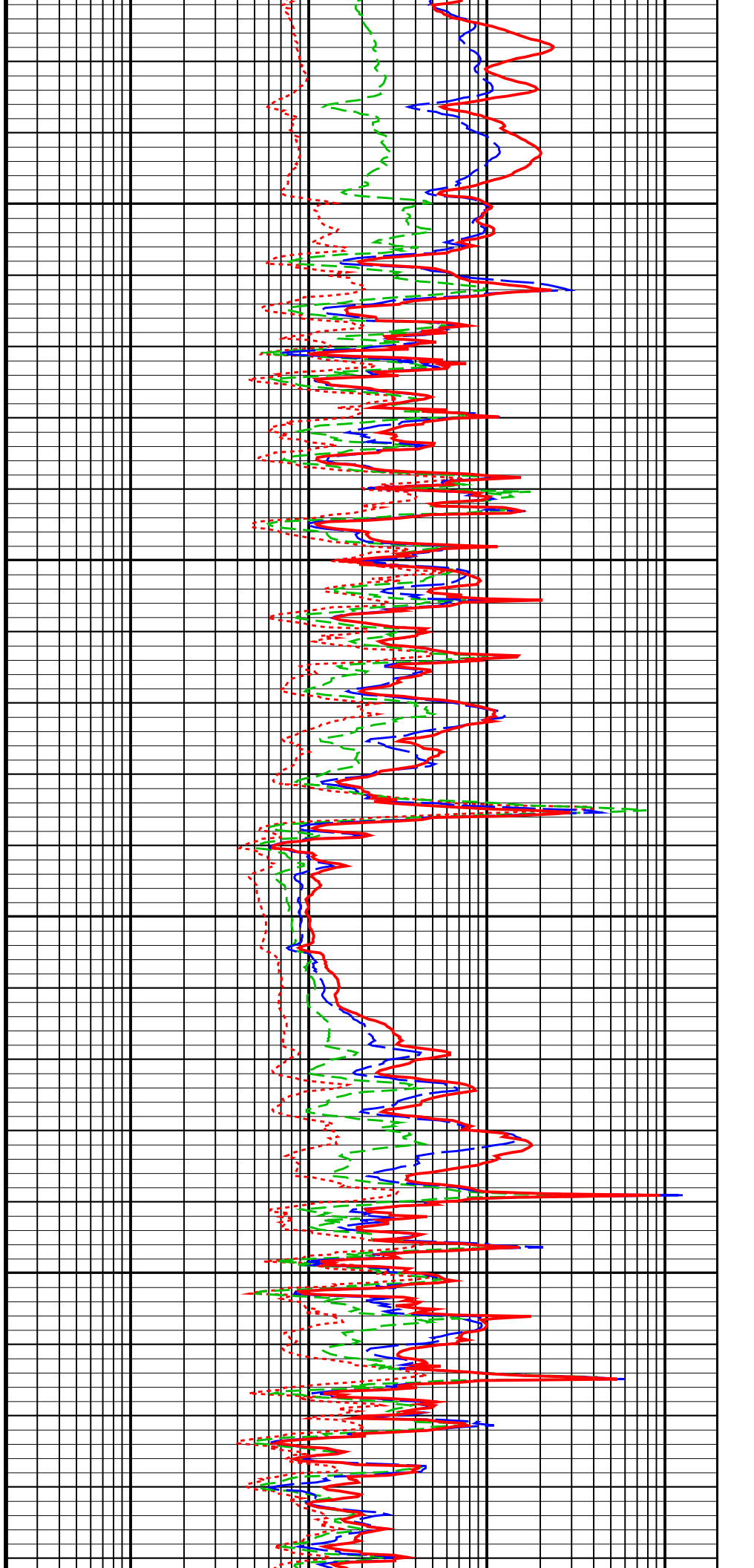


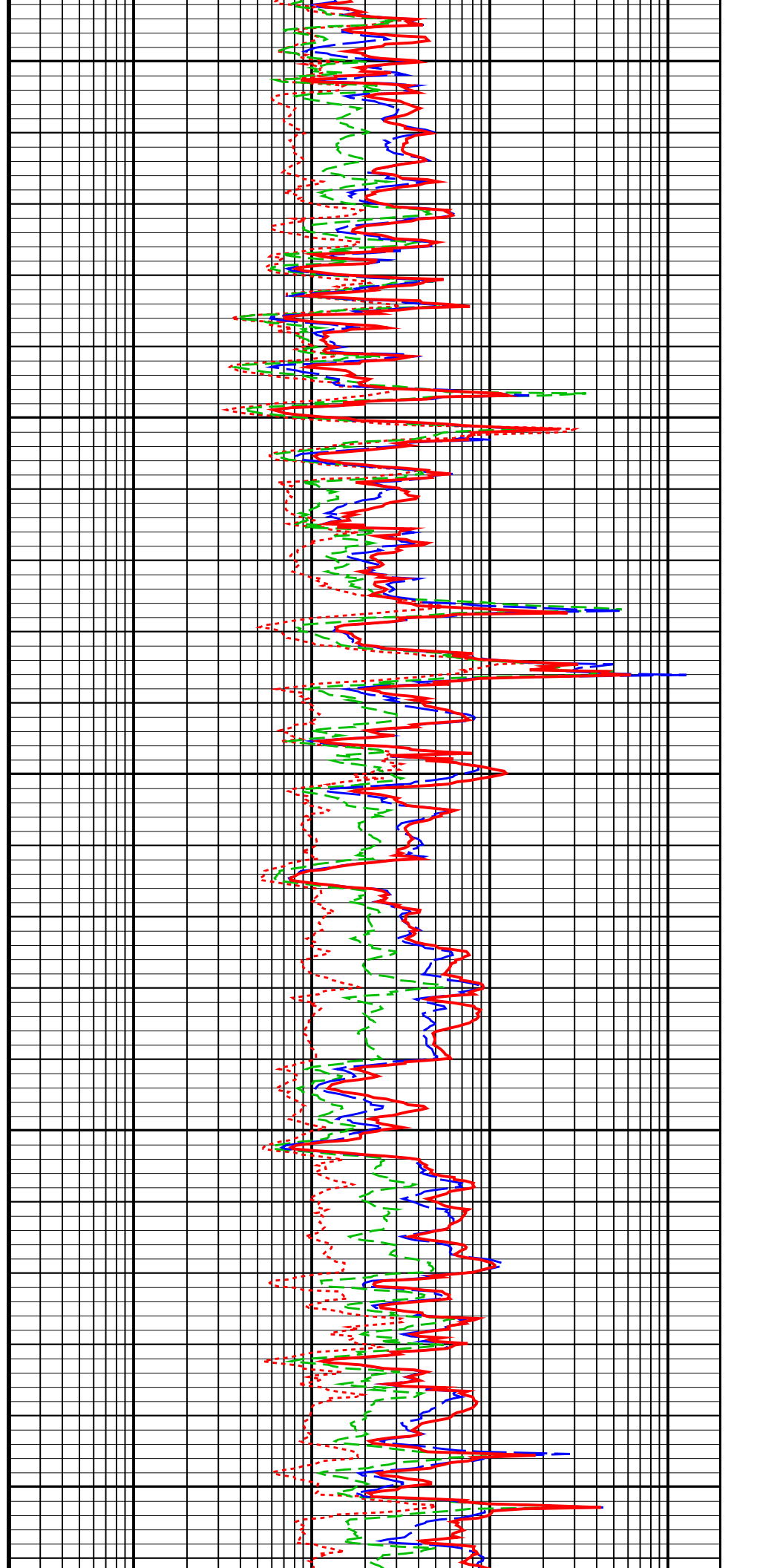
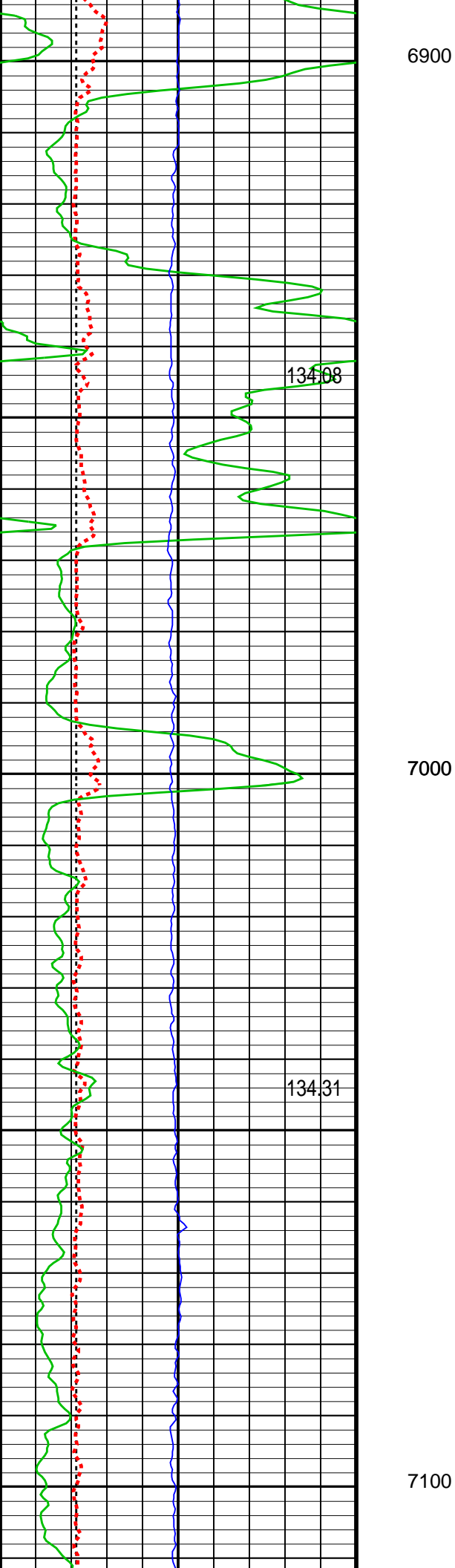
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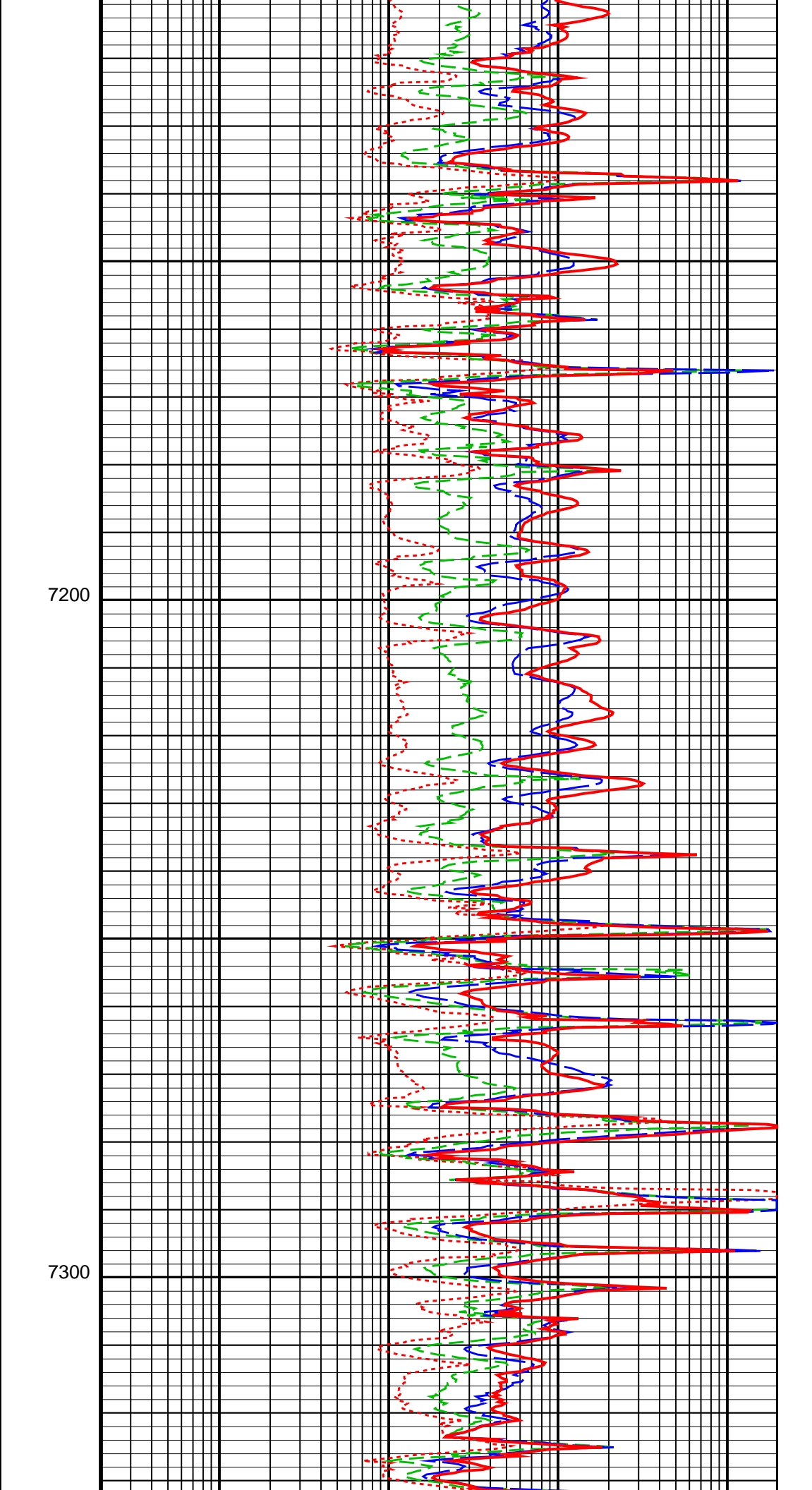
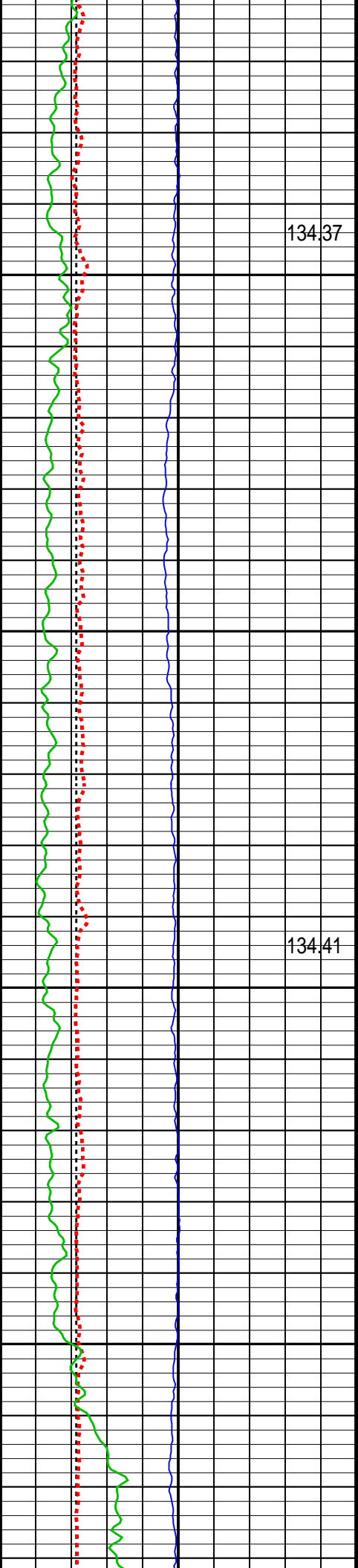
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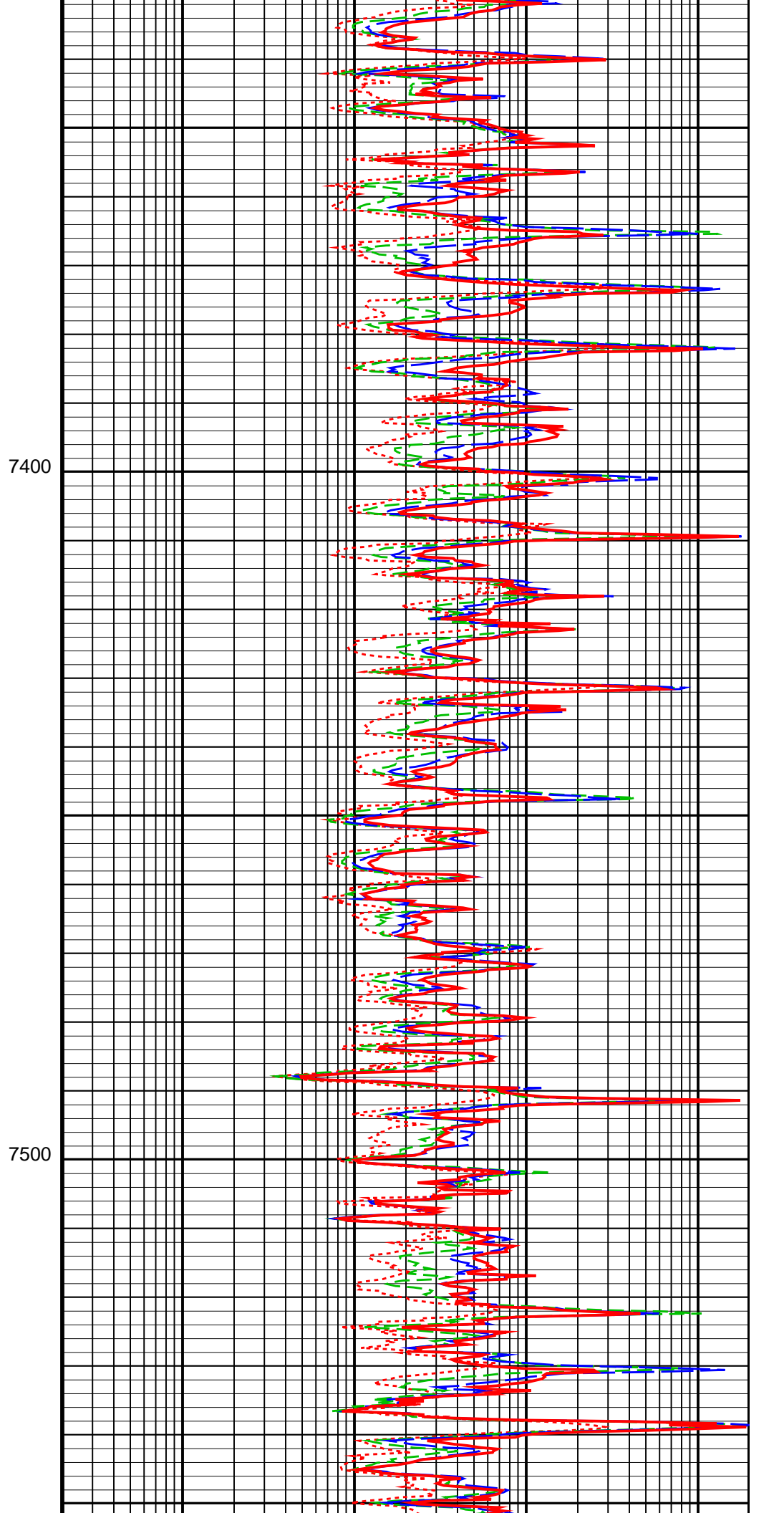
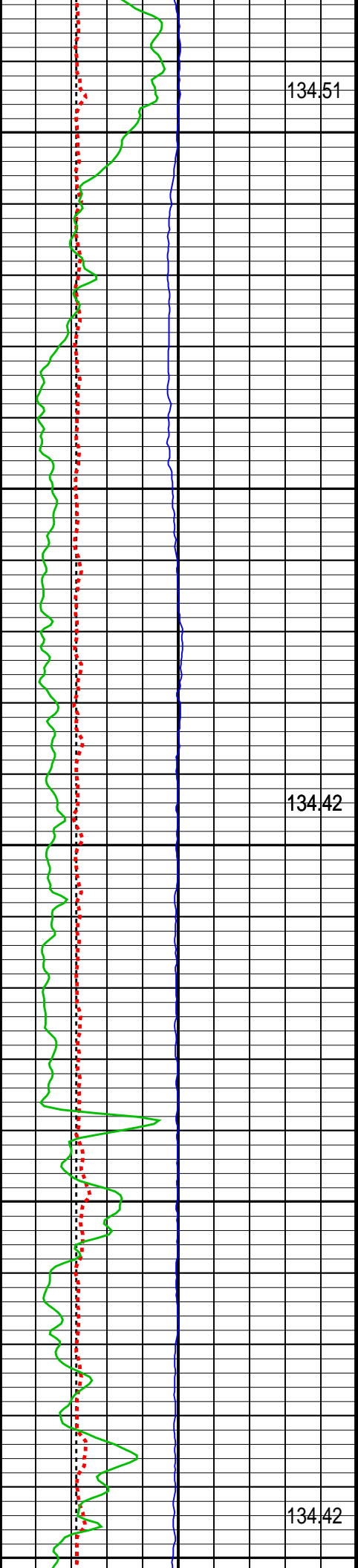
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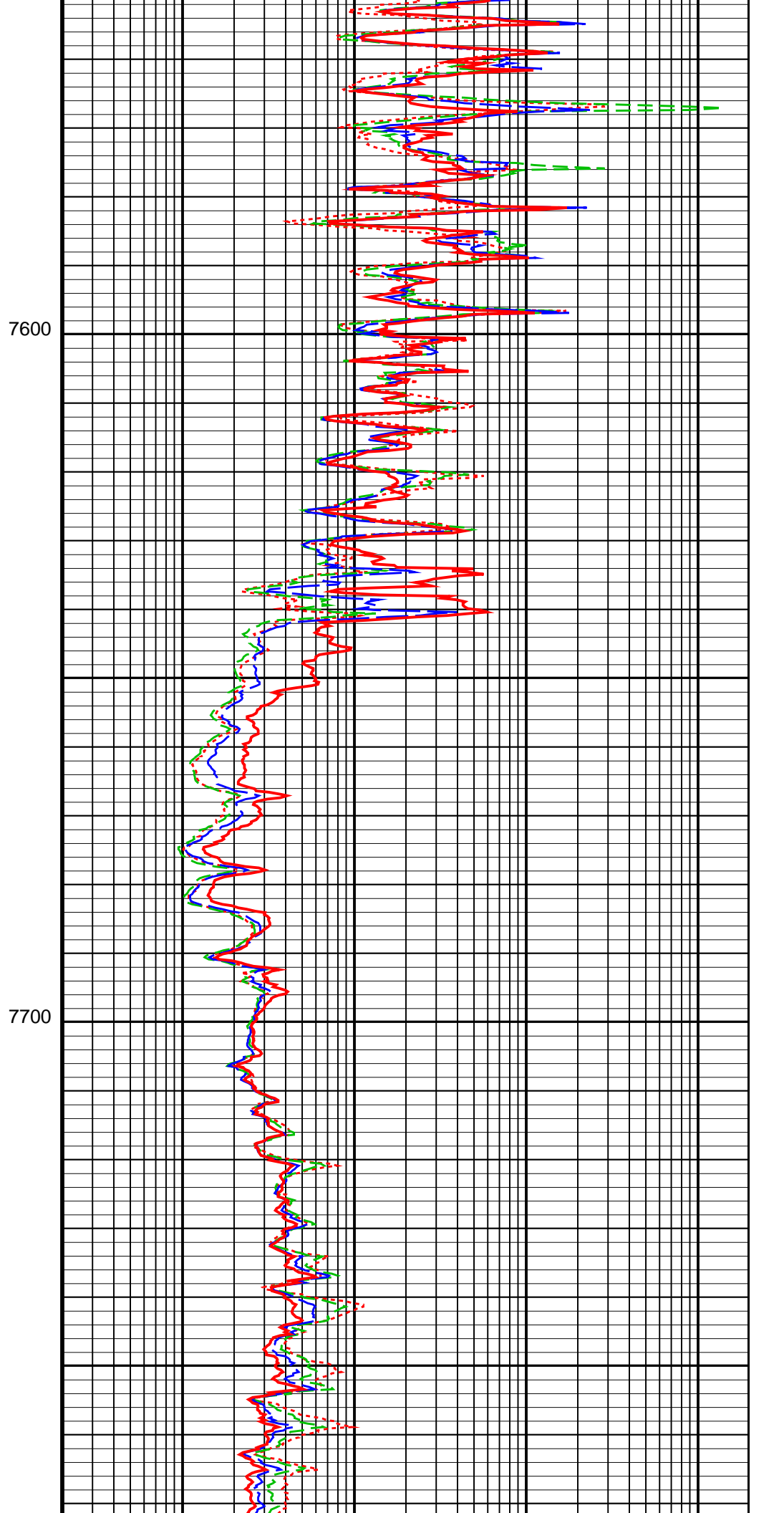
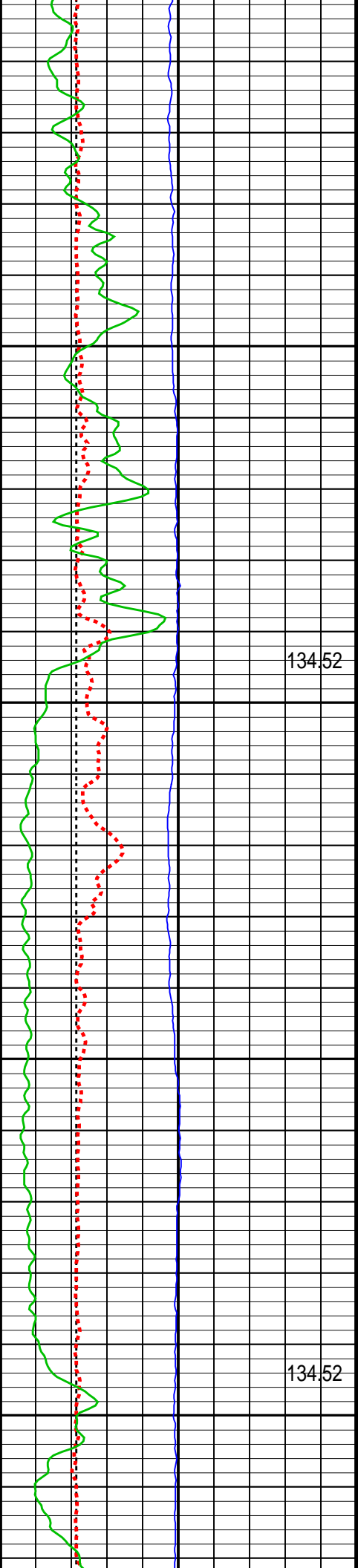
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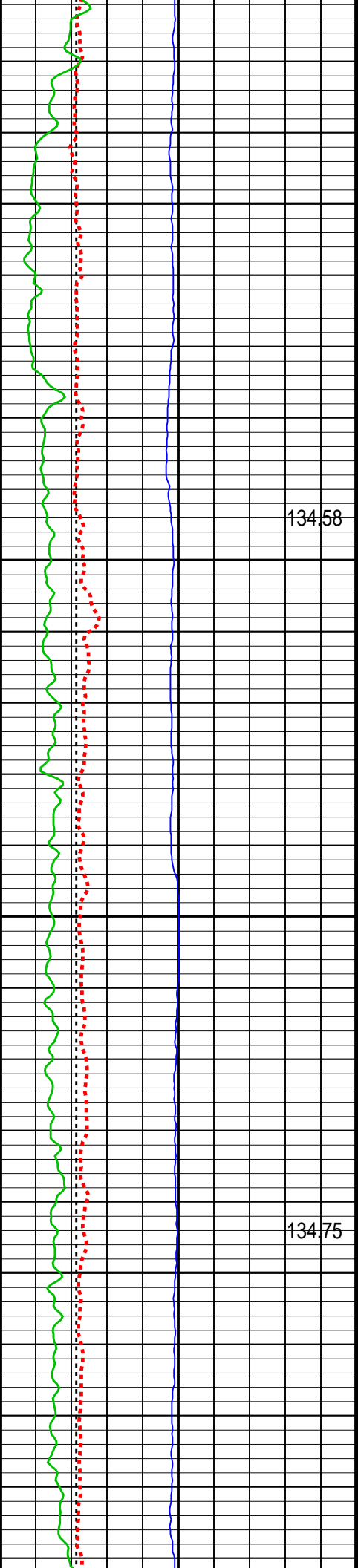










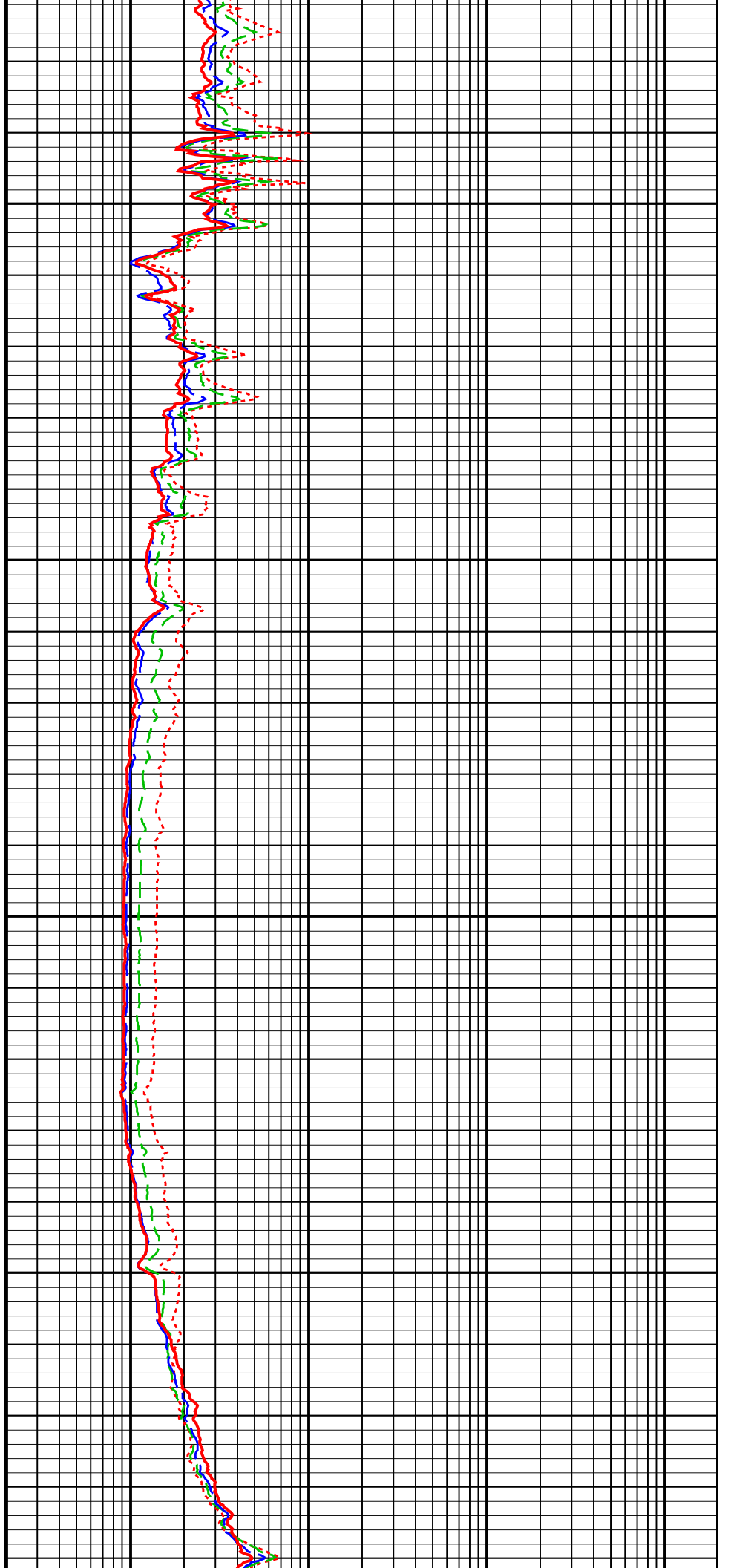


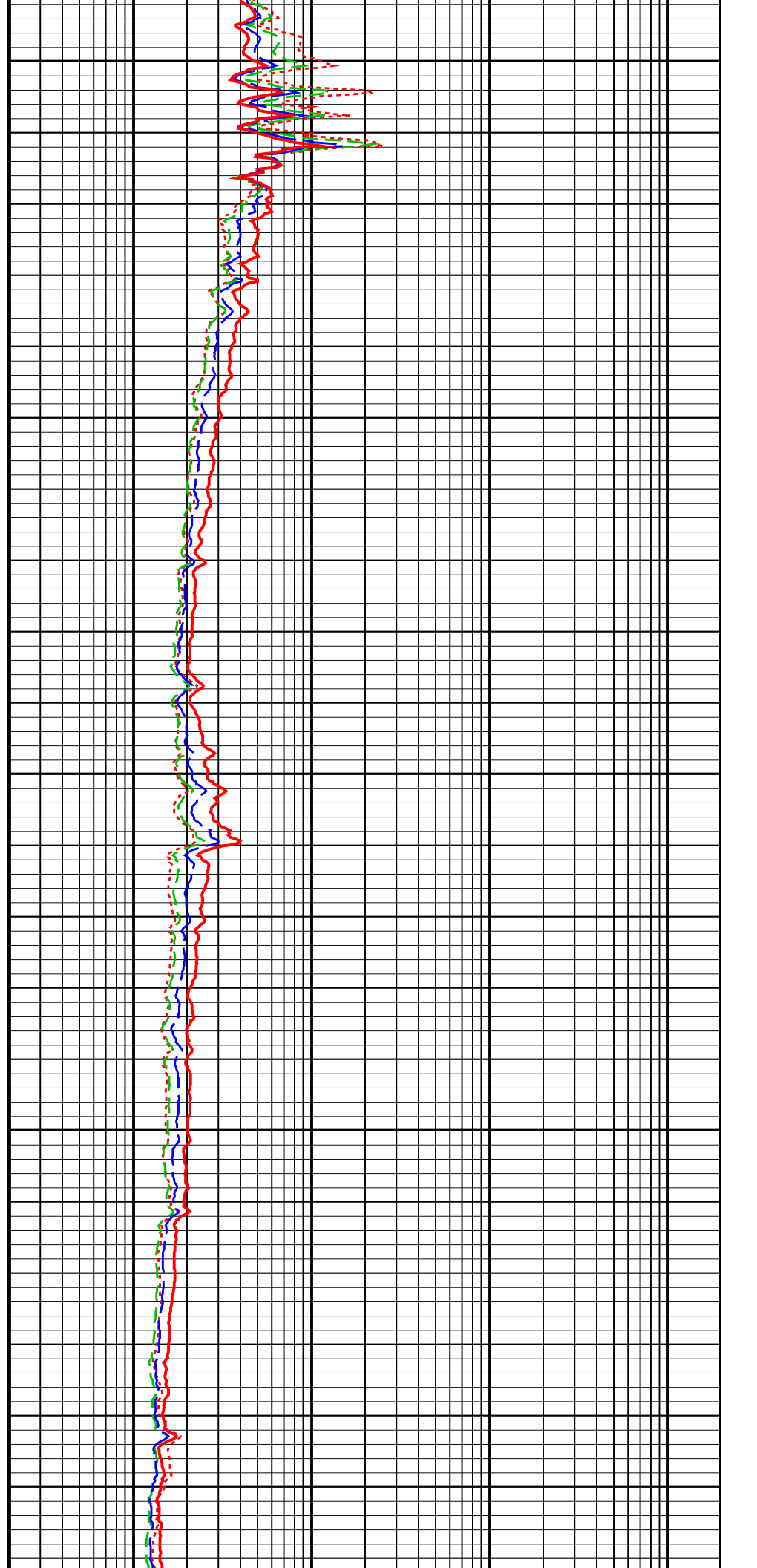
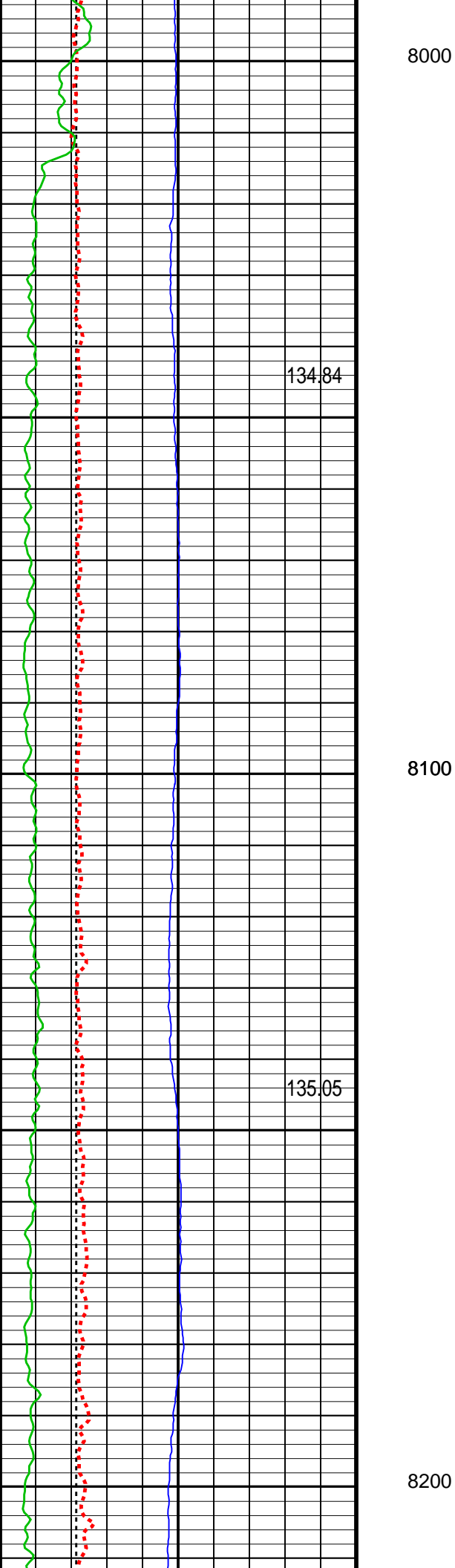
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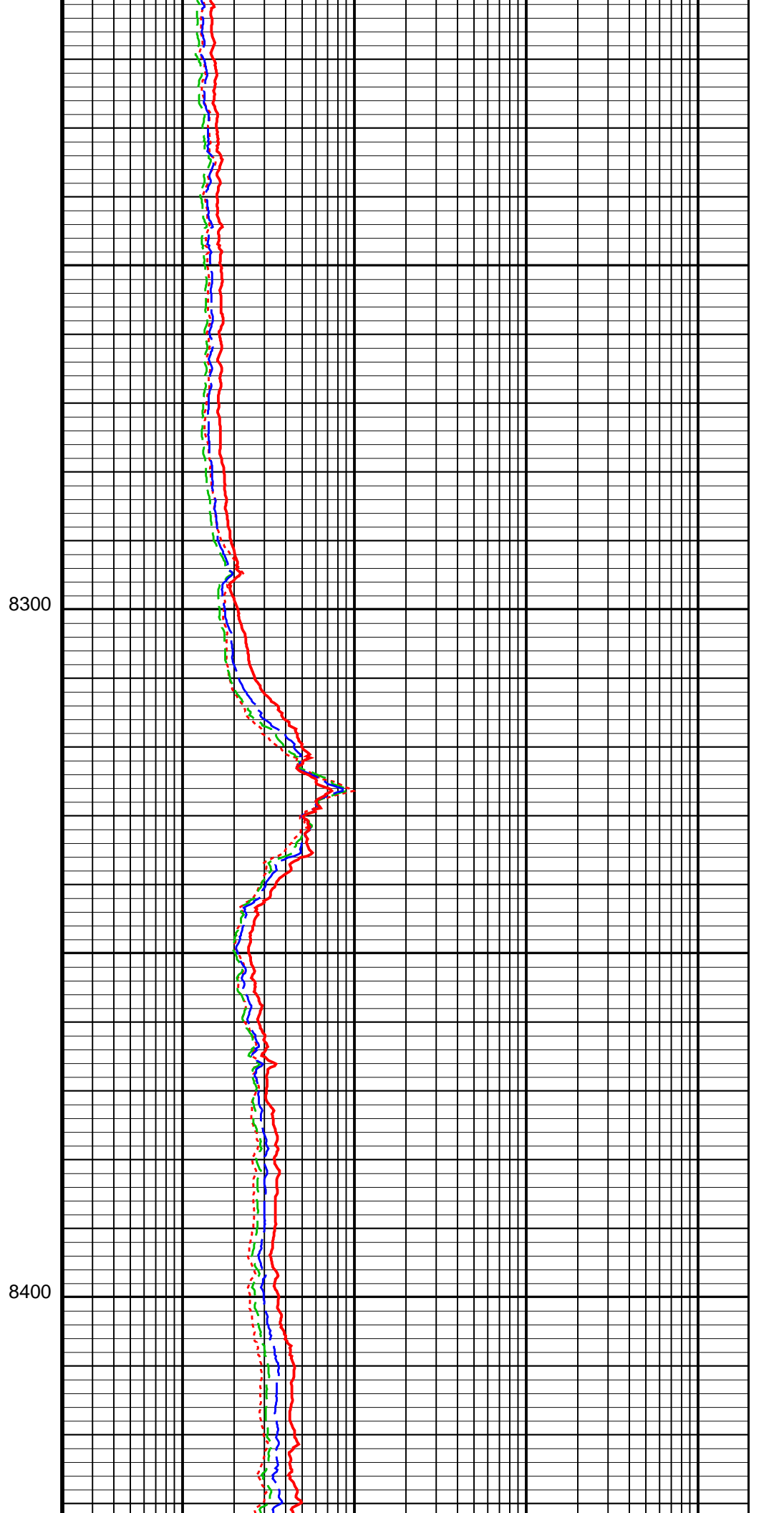
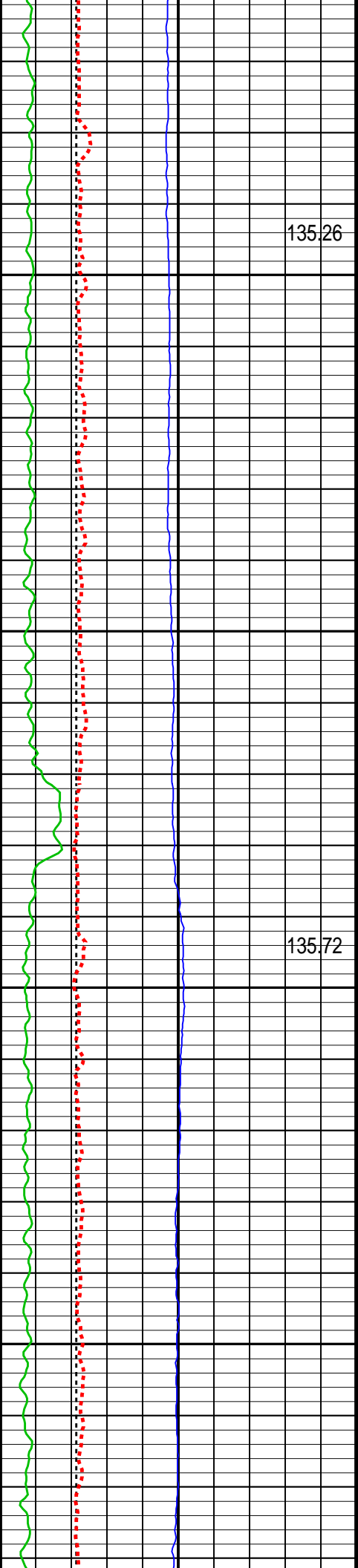
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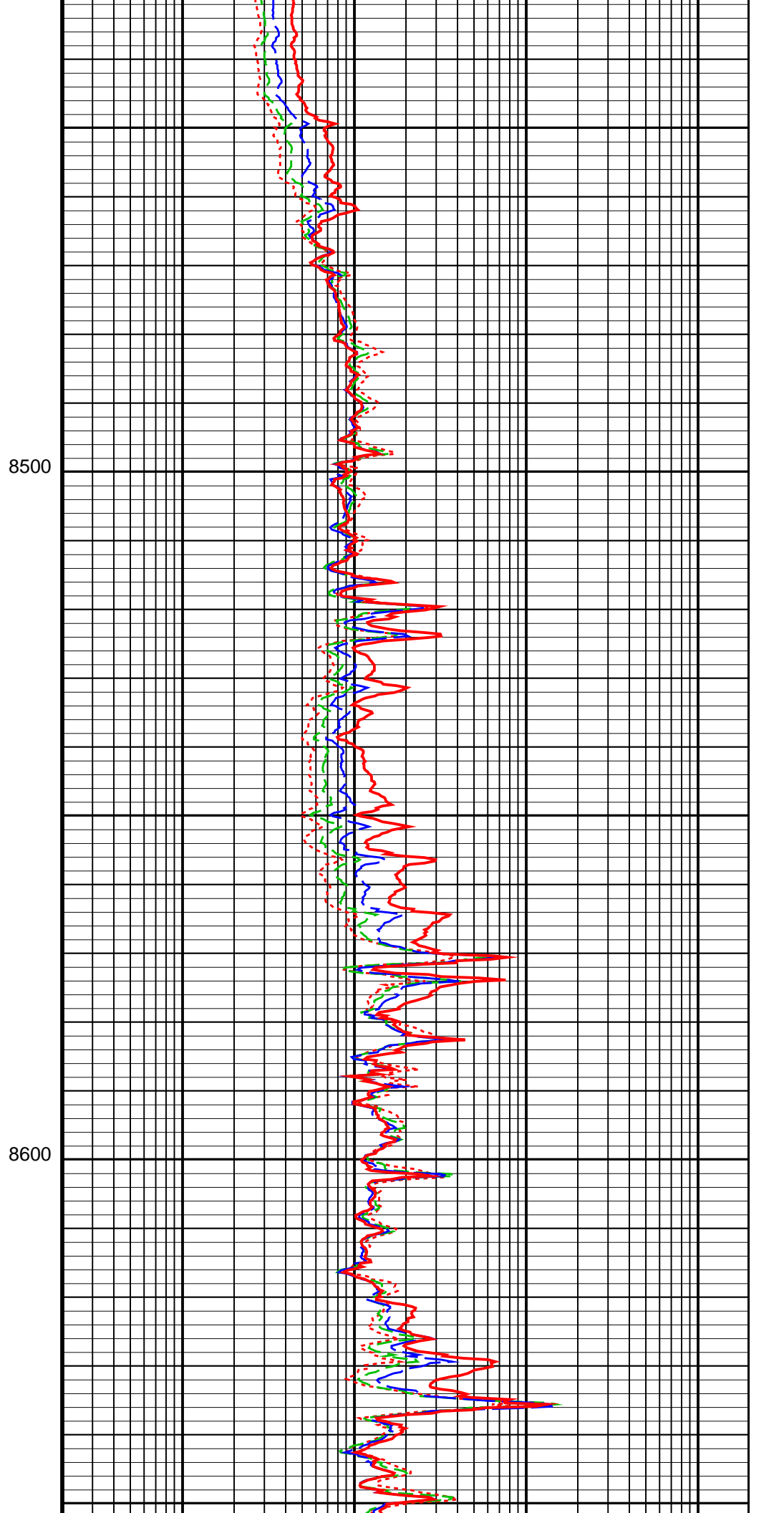
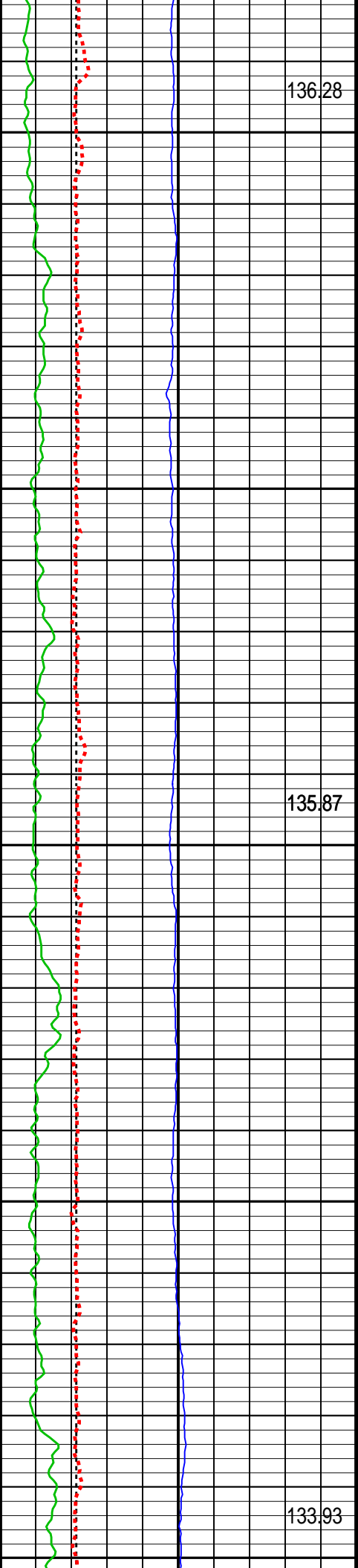
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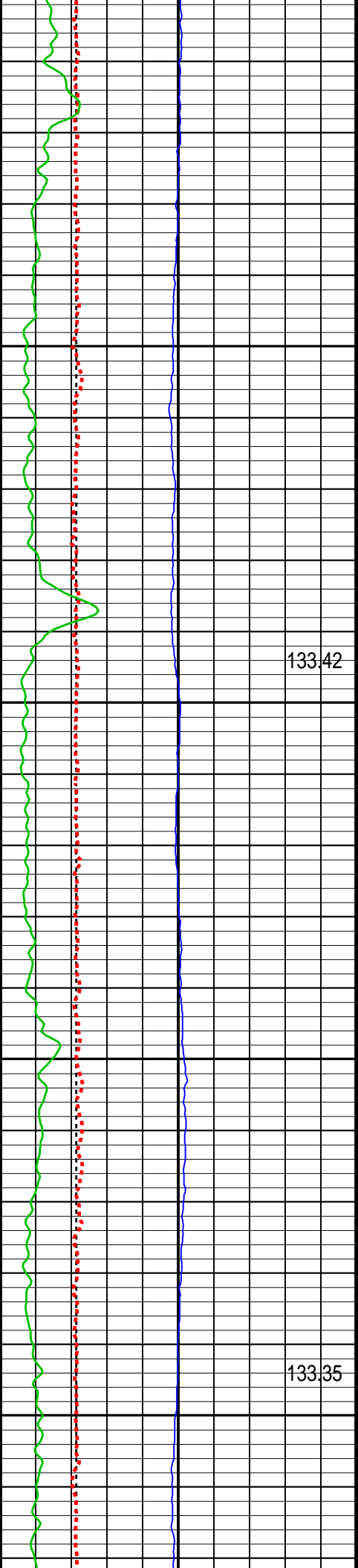
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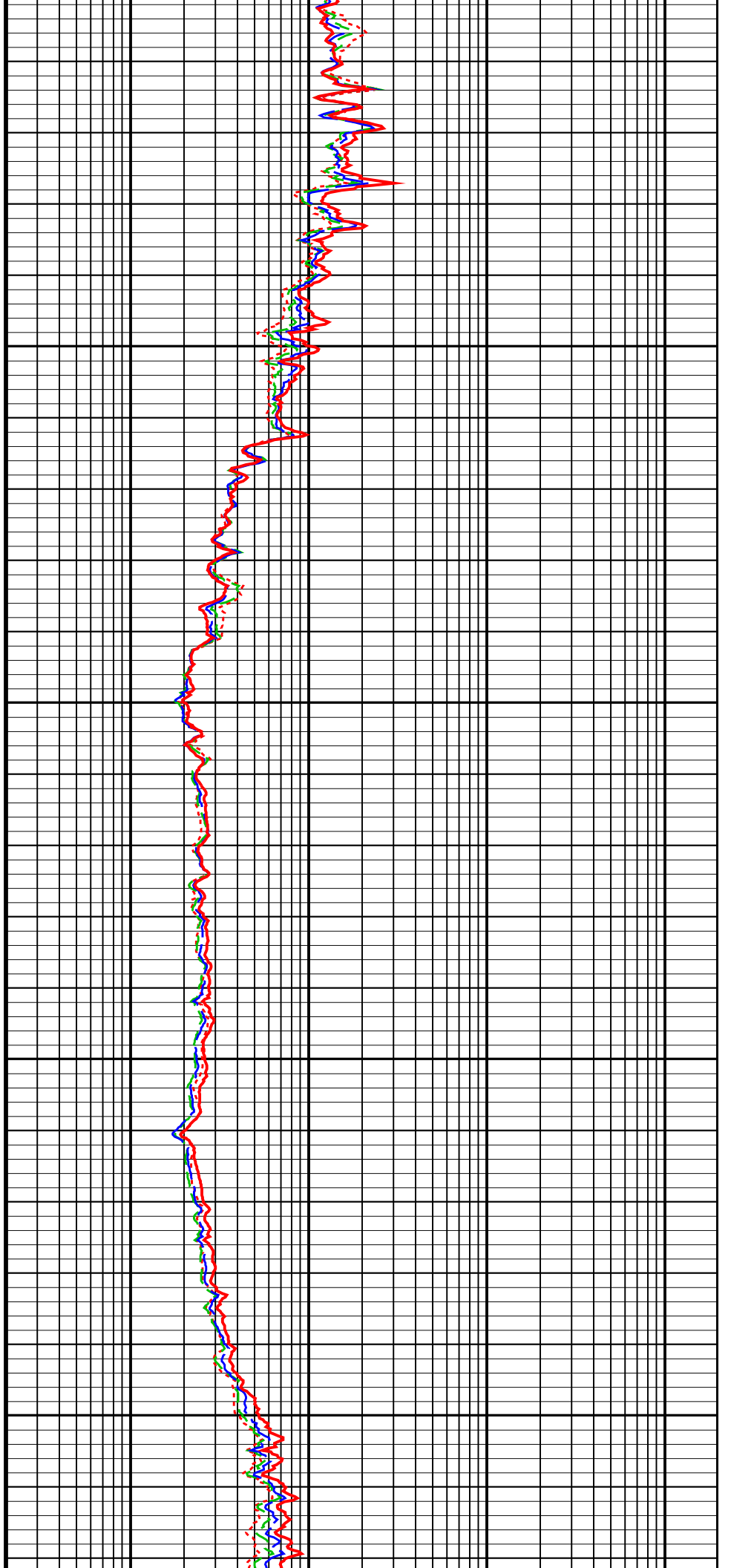


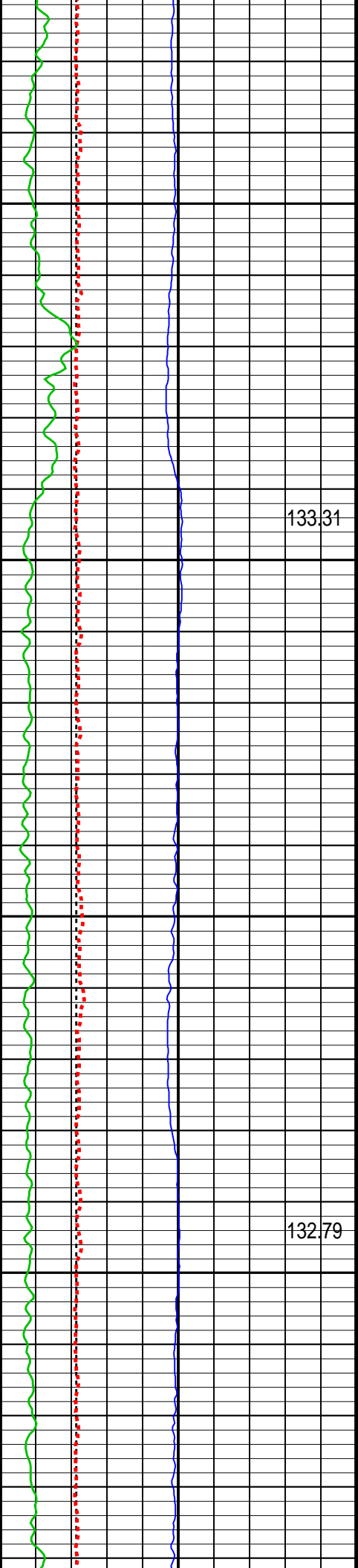




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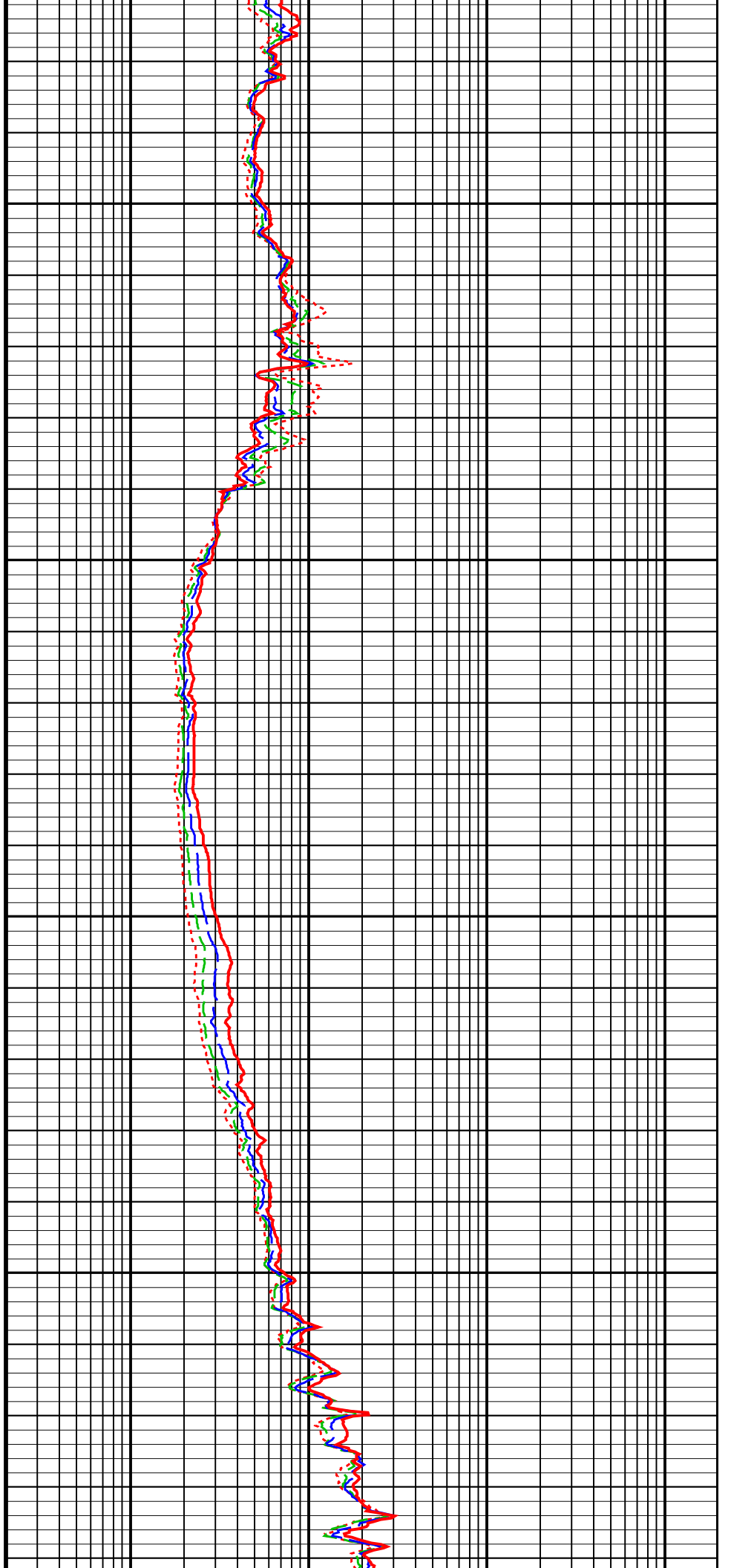
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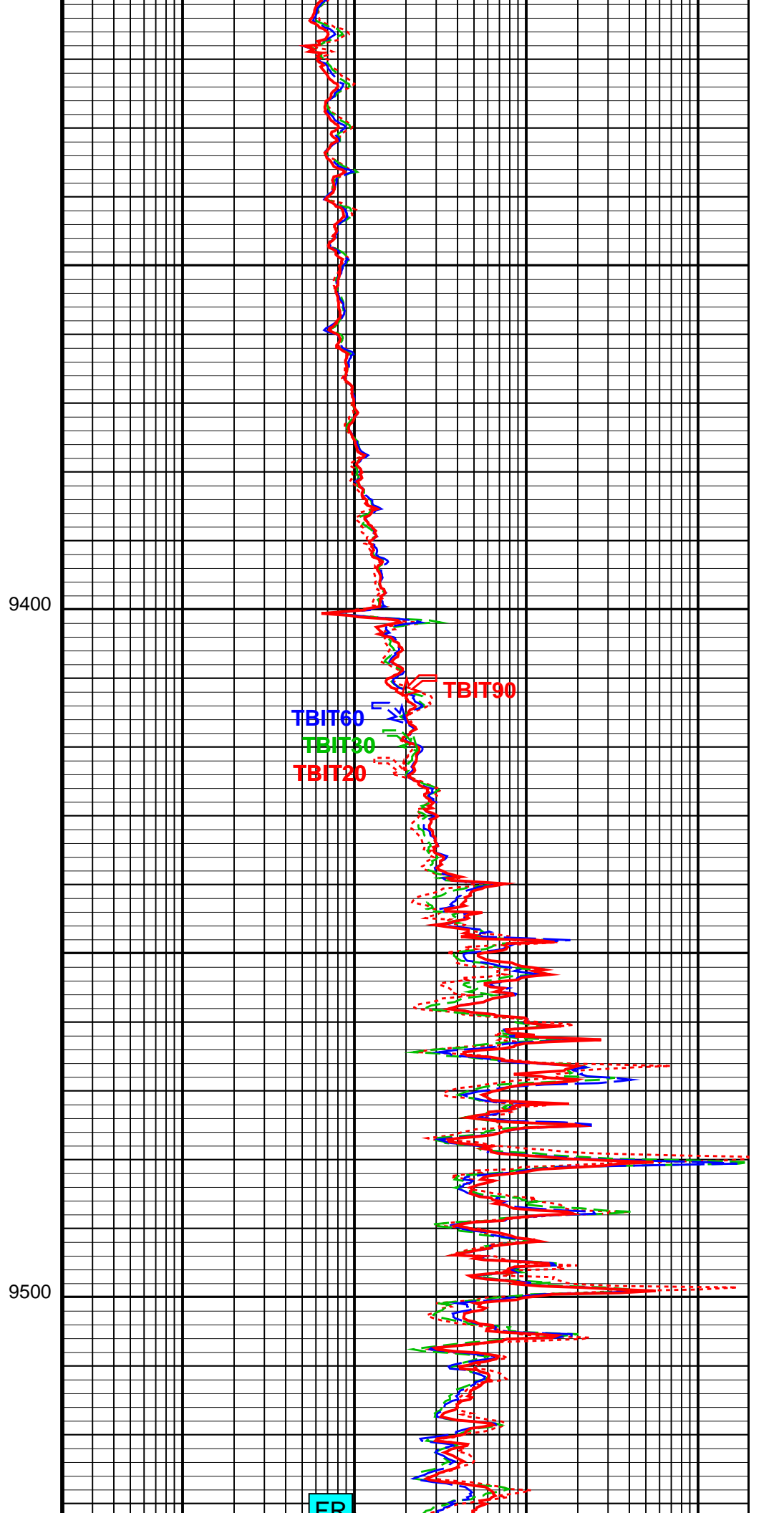
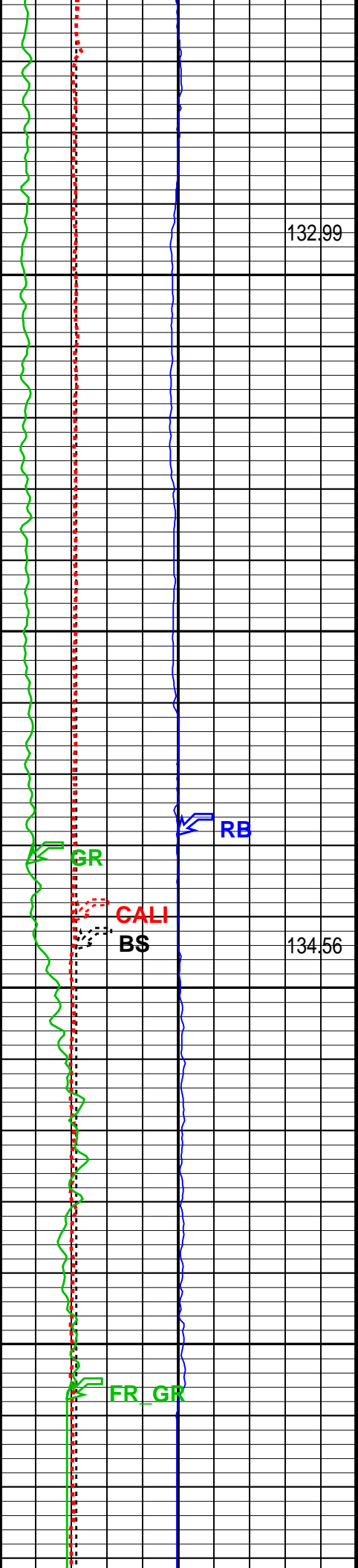


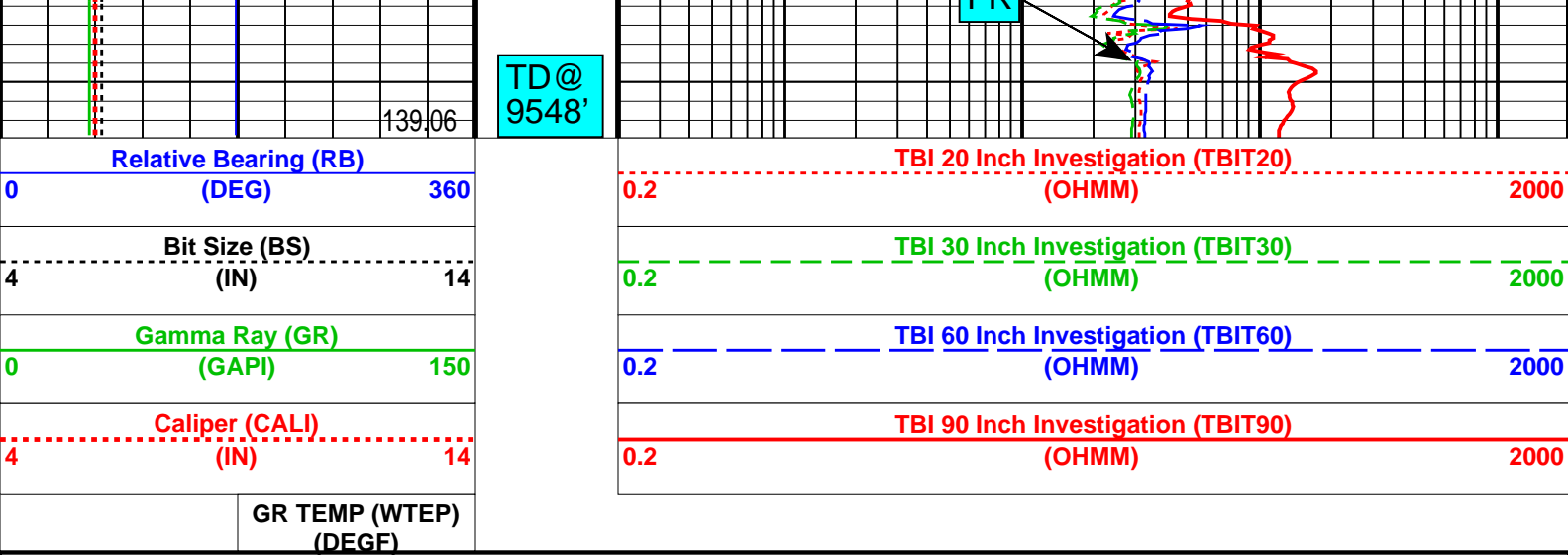


8900

9000







Parameters		
DLIS Name	Description	Value
TBT-A: ThruBit String		
MT	Mud Type (for TBN and TBI correction)	WBM
RB_OFFSET	Additional RB offset (degrees)	0.000 deg
TBI_ALGO	TBI Algorithm Selection	AIT
TBI_BHC_OP	Borehole Correction Option (for TBI)	CALIPER
TBI_CALTYP	TBI Mastercal Type	THRUBIT
TBI_REPL_ARRAY_DEST	TBI: Replace This Array	NONE
TBI_REPL_ARRAY_SOURCE	TBI: With This Array	NONE
TBI_TC_OP	Induction Temperature Correction Option	LOWER
DIR: Directional Survey Computation		
SPVD	TVD of Starting Point	0.000 ft
TIMD	Along-hole depth of Tie-in Point	0.000 ft
TIVD	TVD of Tie-in Point	0.000 ft
System and Miscellaneous		
BS	Bit Size	6.125 in

Format: TB_5INCH_RESISTIVITY Vertical Scale: 5" per 100' Graphics File Created: 09-Jun-2014 21:20

OP System Version: 19C2-270

TBT SRPC-5298-ThruBit_b

Input DLIS Files					
DEFAULT	ThruBit_012PUP	FN:11	PRODUCER	09-Jun-2014 21:13	9546.0 FT 2390.0 FT



CALIBRATIONS

MAXIS Field Log

ThruBit String / Equipment Identification		
Primary Equipment:		
Induction Resistivity	TBI - A	19
Density	TBD - A	1
Gamma-Ray Logging Source	GGLS - FZ	
Thermal Neutron	TBN - A	5
Neutron Logging Source	NNLS - EWA	
Telemetry Memory GR	TMG - A	10

Auxiliary Equipment:

ThruBit String Master Calibration					
TBI Master Calibration Sonde Errors					
Freq 1, A1, R	Value	Nominal	Freq 1, A1, X	Value	Nominal
	-494.494	-457.000		-182.765	300.000
-536.000 (Minimum)	(Nominal)	-387.000 (Maximum)	-500.000 (Minimum)	(Nominal)	1100.000 (Maximum)
Freq 1, A2, R	Value	Nominal	Freq 1, A2, X	Value	Nominal
	-150.057	-141.000		1.15265	320.000
-162.000 (Minimum)	(Nominal)	-120.000 (Maximum)	-75.0000 (Minimum)	(Nominal)	700.000 (Maximum)
Freq 1, A3, R	Value	Nominal	Freq 1, A3, X	Value	Nominal
	-29.9572	-28.0000		-42.3344	50.0000
-38.0000 (Minimum)	(Nominal)	-18.0000 (Maximum)	-375.000 (Minimum)	(Nominal)	475.000 (Maximum)
Freq 1, A4, R	Value	Nominal	Freq 1, A4, X	Value	Nominal
	-16.4202	-16.0000		219.010	300.000
-24.0000 (Minimum)	(Nominal)	-8.00000 (Maximum)	25.0000 (Minimum)	(Nominal)	575.000 (Maximum)
Freq 1, A5, R	Value	Nominal	Freq 1, A5, X	Value	Nominal
	-13.2984	-14.0000		113.972	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
	-261.557	-237.000		-147.700	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
	-96.9931	-92.0000		-28.7710	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
	-21.5553	-21.0000		-80.7402	-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
	-19.2718	-20.0000		60.3706	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
	-18.2132	-20.0000		-15.3340	-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
	-166.758	-149.000		-177.076	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
	-73.3695	-70.0000		-63.7105	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
	-17.2046	-17.0000		-118.599	-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
	-20.5205	-22.0000		-45.7453	-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

-32.0000 (Minimum)	(Nominal)	-11.0000 (Maximum)	-20.4566	-22.0000	-250.000 (Minimum)	(Nominal)	-25.0000 (Maximum)	-109.576	-110.000
Freq 4, A1, R		Value	Nominal		Freq 4, A1, X		Value	Nominal	
		-91.2093	-80.0000				-271.184	-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	
		-53.2753	-50.0000				-127.765	-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	
		-13.4113	-14.0000				-188.947	-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	
		-23.0753	-25.0000				-204.407	-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	
		-25.2232	-28.0000				-268.644	-300.000	
-43.0000 (Minimum)	(Nominal)	-12.0000 (Maximum)			-475.000 (Minimum)	(Nominal)	-125.000 (Maximum)		
Master: 30-May-2014 11:26									

ThruBit String Master Calibration									
TBI Master Calibration COMPLEX GAINS									
Freq 1, R		Value	Nominal		Freq 1, X		Value	Nominal	
		0.9967	1.000				0.0009156	0	
		0.9929	1.000				0.001530	0	
		0.9957	1.000				-0.006284	0	
		0.9868	1.000				0.002957	0	
		0.9942	1.000				0.0004733	0	
0.9500 (Minimum)	(Nominal)	1.050 (Maximum)			-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)		
Freq 2, R		Value	Nominal		Freq 2, X		Value	Nominal	
		0.9910	1.000				-0.008202	0	
		0.9871	1.000				-0.007101	0	
		0.9842	1.000				-0.007563	0	
		0.9823	1.000				-0.005757	0	
		0.9921	1.000				-0.007875	0	
0.9500 (Minimum)	(Nominal)	1.050 (Maximum)			-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)		
Freq 3, R		Value	Nominal		Freq 3, X		Value	Nominal	
		0.9975	1.000				-0.006056	0	
		0.9938	1.000				-0.005104	0	
		0.9908	1.000				-0.005660	0	
		0.9876	1.000				-0.003825	0	
		1.001	1.000				-0.005115	0	
0.9500 (Minimum)	(Nominal)	1.050 (Maximum)			-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)		
Freq 4, R		Value	Nominal		Freq 4, X		Value	Nominal	
		0.9991	1.000				-0.02122	0	
		0.9951	1.000				-0.02048	0	
		0.9944	1.000				-0.02302	0	
		0.9898	1.000				-0.01927	0	
		1.016	1.000				-0.02243	0	

0.9300 (Minimum)	(Nominal)	1.070 (Maximum)	-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)
Master: 30-May-2014 11:26					

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
	1829.6	1949.8		2000.4	2096.7		2154.1	2285.7
1799.8 (Minimum)	2099.8 (Maximum)		1946.7 (Minimum)	2246.7 (Maximum)		2135.7 (Minimum)	2435.7 (Maximum)	
Master: 29-May-2014 0:14								

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	
	140.06	140.00		130.68	140.00	
100.00 (Minimum)	187.00 (Maximum)		100.00 (Minimum)	185.00 (Maximum)		
LS4 Background CPS	Value	Nominal	SS1 Aluminium CPS	Value	Nominal	
	29.98	29.00		5172.93	4850.00	
20.00 (Minimum)	38.00 (Maximum)		4076.00 (Minimum)	5613.00 (Maximum)		
LS1 Aluminium CPS	Value	Nominal	SS1 Magnesium CPS	Value	Nominal	
	919.42	870.00		8570.44	8000.00	
750.00 (Minimum)	982.00 (Maximum)		6695.00 (Minimum)	9269.00 (Maximum)		
LS4 Aluminium CPS	Value	Nominal				
	1059.3	955.00				
796.00 (Minimum)	1169.0 (Maximum)					
LS1 Al + Sleeve CPS	Value	Nominal				
	826.93	725.00				
650.00 (Minimum)	838.00 (Maximum)					
LS4 Al + Sleeve CPS	Value	Nominal				
	526.53	426.50				
382.00 (Minimum)	638.00 (Maximum)					
LS1 Magnesium CPS	Value	Nominal				
	6096.30	5800.00				
5158.00 (Minimum)	6486.00 (Maximum)					
SS Slope	Value	Nominal				
	1.641	1.645				
1.520 (Minimum)	1.770 (Maximum)					
LS Slope	Value	Nominal				
	0.4173	0.4150				
0.3800 (Minimum)	0.4500 (Maximum)					
Pef K Factor	Value	Nominal				
	4.823	4.840				
3.510 (Minimum)	6.170 (Maximum)					
Pef B Factor	Value	Nominal				
	-0.6694	-0.5550				
-0.7000 (Minimum)	-0.4100 (Maximum)					
Master: 19-May-2014 16:15						

ThruBit String Master Calibration						
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Thermal Neutron Master Calibration

TNF, Background CPS			Value	Nominal	TNN, Background CPS			Value	Nominal
			0.11	1.0				0.12	1.0
0 (Minimum)	(Nominal)	2.0 (Maximum)			0 (Minimum)	(Nominal)	2.0 (Maximum)		
TNF, Tank CPS			Value	Nominal	TNN, Tank CPS			Value	Nominal
			72.30	96.00				2210.4	2860.0
25.00 (Minimum)	(Nominal)	200.0 (Maximum)			750.00 (Minimum)	(Nominal)	5700.0 (Maximum)		
TNF, Tank + AI Sleeve CPS			Value	Nominal	TNN, Tank + AI Sleeve CPS			Value	Nominal
			2266.2	3040.0				24686.9	32350.0
727.00 (Minimum)	(Nominal)	6080.0 (Maximum)			8000.00 (Minimum)	(Nominal)	64700.0 (Maximum)		
Tank + AI Sleeve Ratio			Value	Nominal	Tank + AI Sleeve Porosity PU			Value	Nominal
			11.031	10.797				14.46	14.40
10.300 (Minimum)	(Nominal)	11.300 (Maximum)			13.40 (Minimum)	(Nominal)	15.40 (Maximum)		
Tank, Ratio			Value	Nominal	Tank, Temperature DEG F			Value	Nominal
			30.571	30.958				80.7	70.0
28.000 (Minimum)	(Nominal)	34.000 (Maximum)			20.0 (Minimum)	(Nominal)	120 (Maximum)		

Master: 22-May-2014 21:56

ThruBit String Master Calibration

TMG Accelerometer Calibration

Minimum Ax, m/s ²			Value	Nominal	Maximum Ax, m/s ²			Value	Nominal
			N/A	-9.810				N/A	9.810
-10.81 (Minimum)	(Nominal)	-8.810 (Maximum)			8.810 (Minimum)	(Nominal)	10.81 (Maximum)		
Minimum Ay, m/s ²			Value	Nominal	Maximum Ay, m/s ²			Value	Nominal
			N/A	-9.810				N/A	9.810
-10.81 (Minimum)	(Nominal)	-8.810 (Maximum)			8.810 (Minimum)	(Nominal)	10.81 (Maximum)		
Minimum Az, m/s ²			Value	Nominal	Maximum Az, m/s ²			Value	Nominal
			N/A	0				N/A	9.810
-1.000 (Minimum)	(Nominal)	1.000 (Maximum)			8.810 (Minimum)	(Nominal)	10.81 (Maximum)		
RB Offset, degrees			Value	Nominal					
			-17.00	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
			25.62	30.00				168.1	170.8
0 (Minimum)	(Nominal)	120.0 (Maximum)			136.6 (Minimum)	(Nominal)	205.0 (Maximum)		

Master: 31-May-2014 12:50

Company: **SANDRIDGE ENERGY INC**



Well: **JANET 3404 1-7H**

Field: **BLUFF**

County: **SUMNER**
State: **KANSAS**

ARRAY INDUCTION
GAMMA RAY
MEMORY LOG

Schlumberger

MAIN PASS (1"/100' SCALE)

MAXIS Field Log

Company: SANDRIDGE ENERGY INC

Well: JANET 3404 1-7H

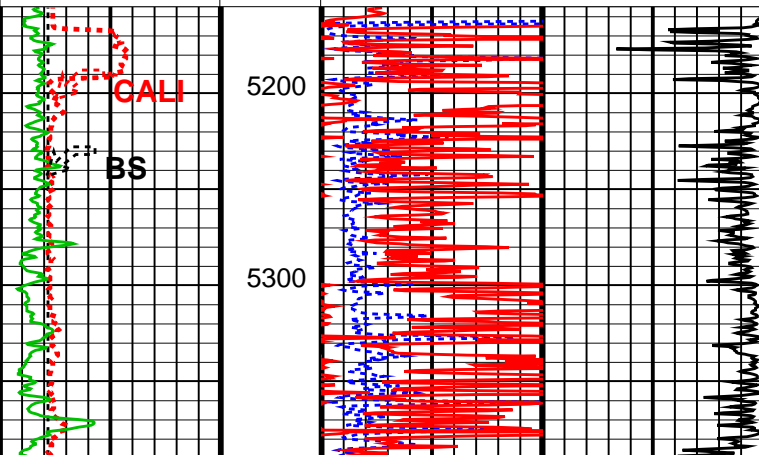
Input DLIS Files

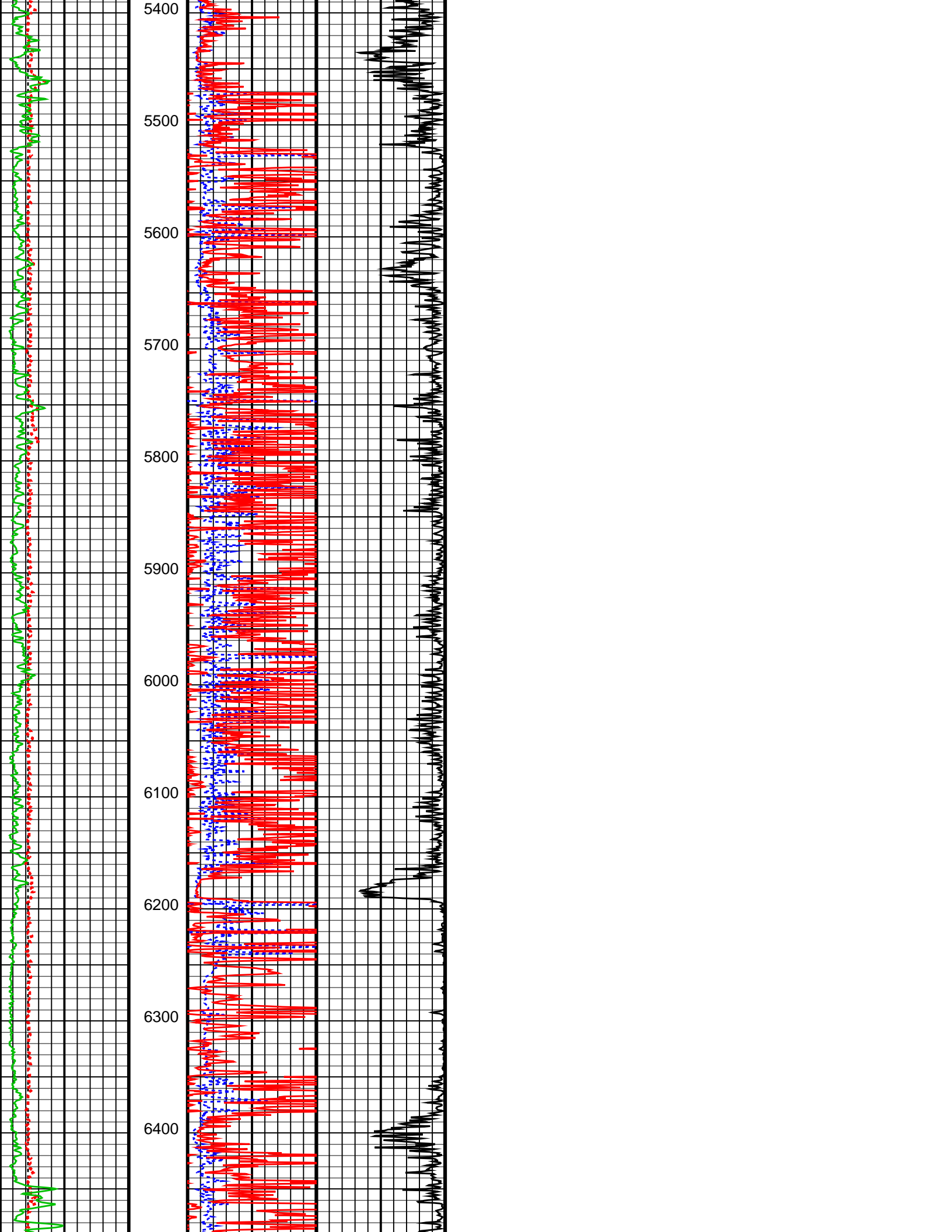
DEFAULT ThruBit_012PUP FN:11 PRODUCER 09-Jun-2014 21:13 9546.0 FT 2390.0 FT

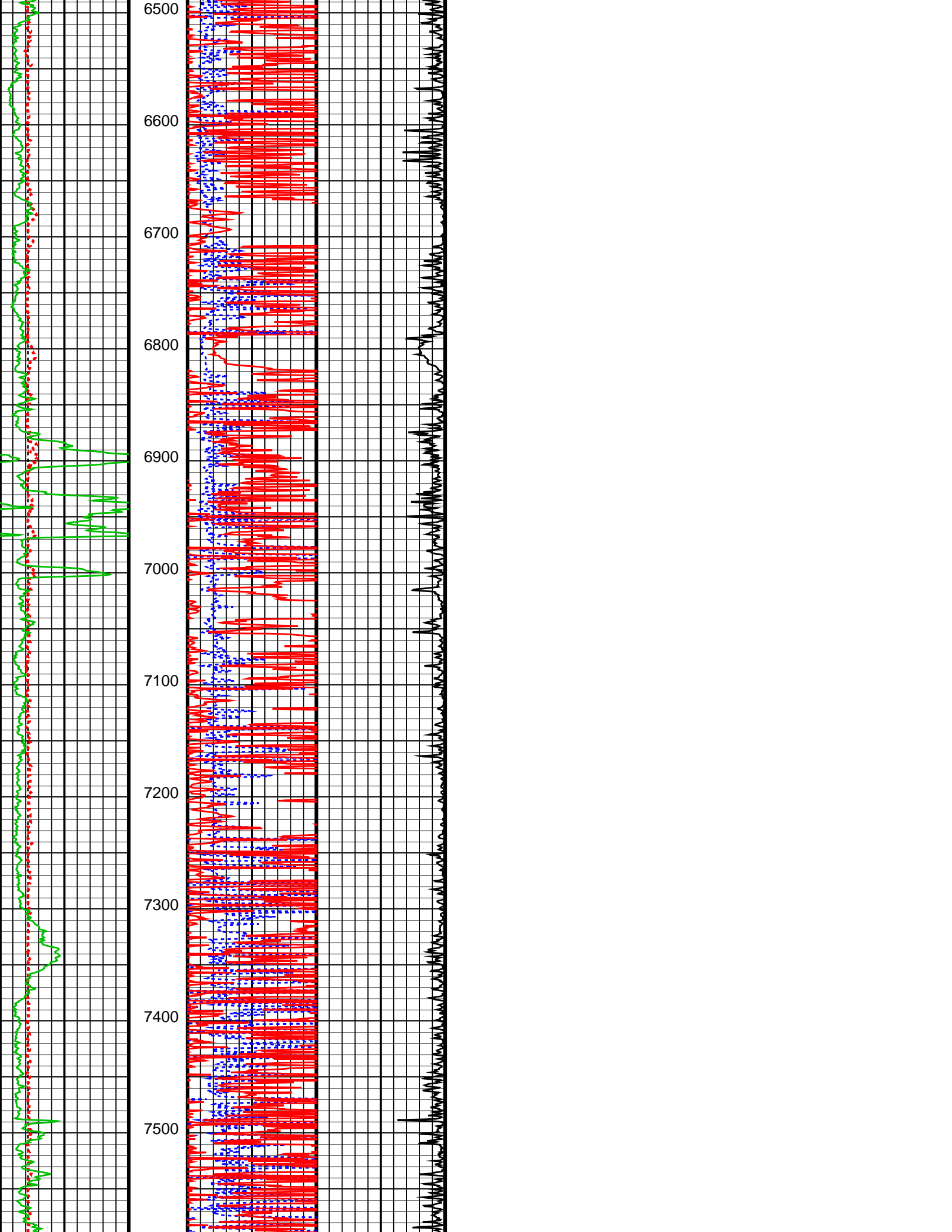
OP System Version: 19C2-270

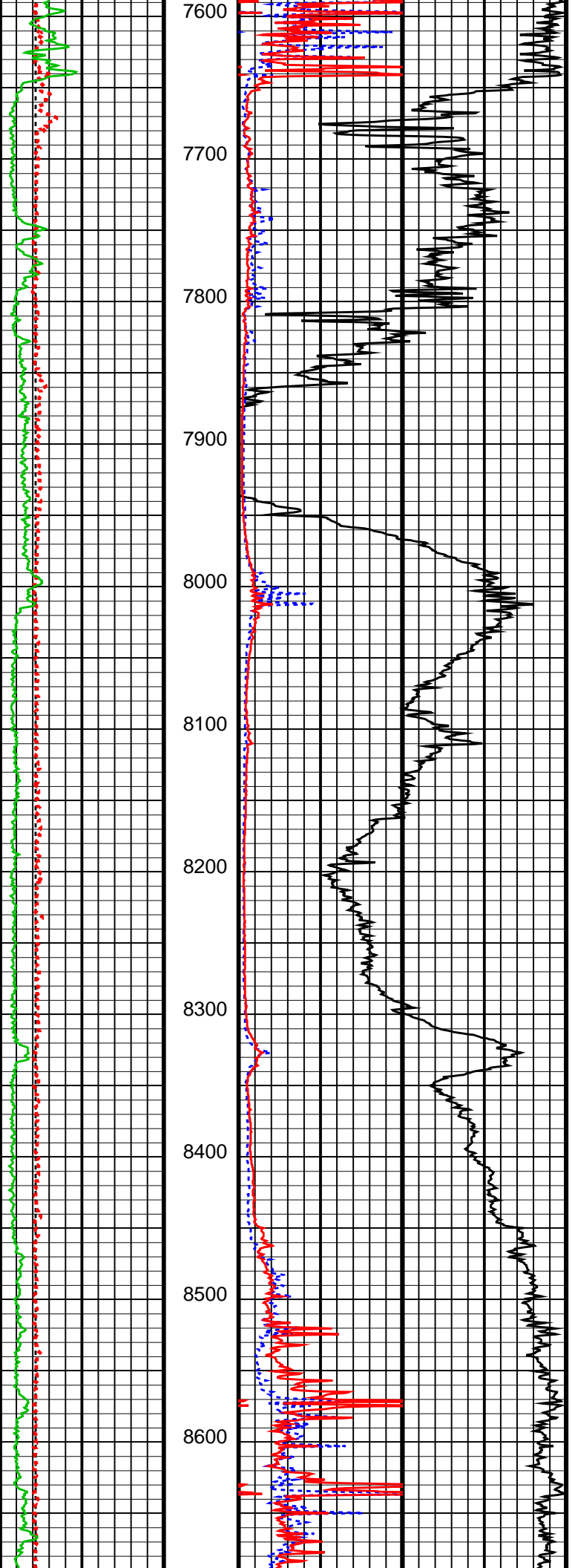
TBT SRPC-5298-ThruBit_b

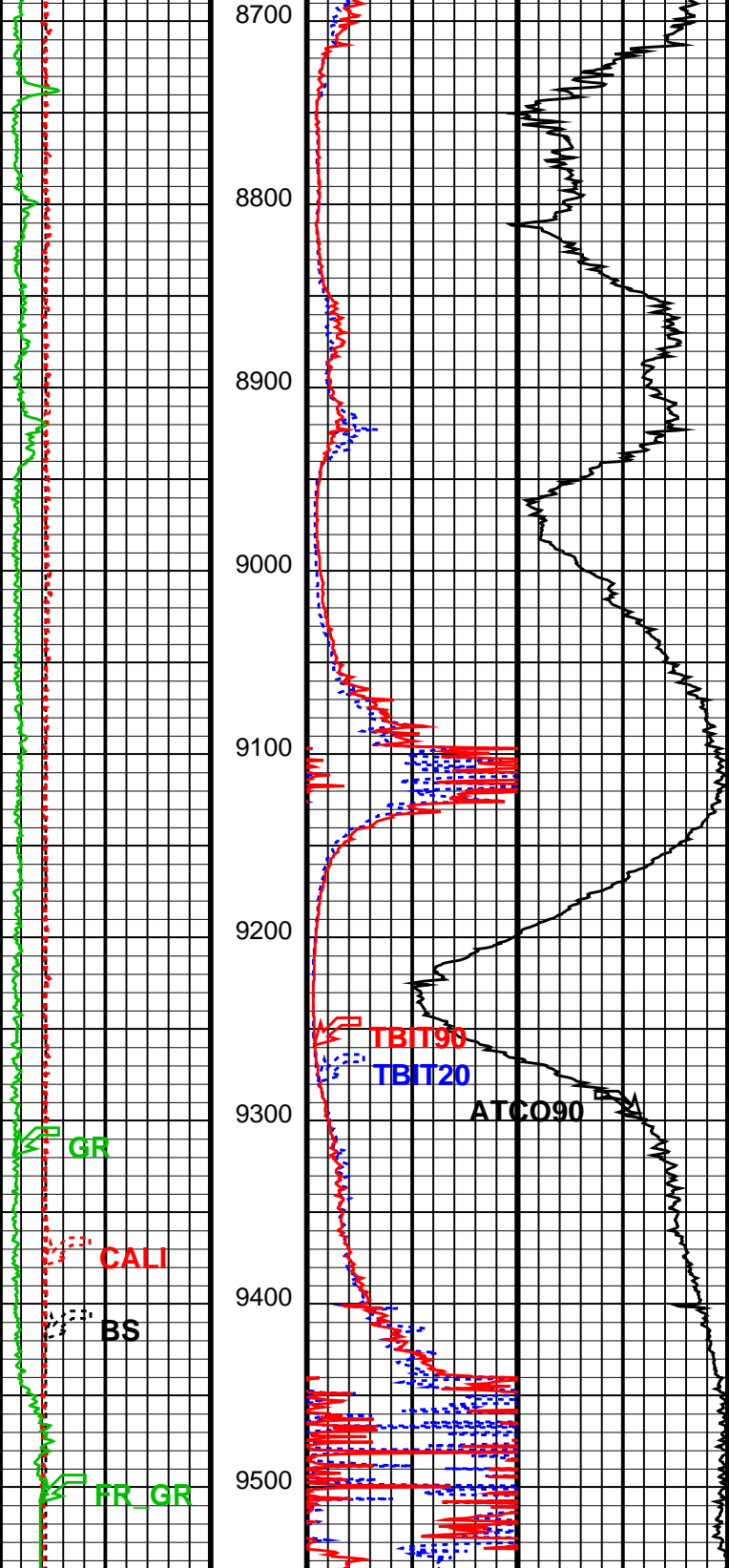
	TBI 90 Inch Investigation (TBIT90) 50 (OHMM) 500
	TBI 20 Inch Investigation (TBIT20) 50 (OHMM) 500
Caliper (CALI) 4 (IN) 14	TBI 90 Inch Investigation (TBIT90) 0 (OHMM) 50
Gamma Ray (GR) 0 (GAPI) 150	TBI 20 Inch Investigation (TBIT20) 0 (OHMM) 50
Bit Size (BS) 4 (IN) 14	TBI 90 Inch Conductivity (ATCO90) 1000 (MM/M) 0











Bit Size (BS)
4 (IN) 14

Gamma Ray (GR)
0 (GAPI) 150

Caliper (CALI)
4 (IN) 14

TBI 90 Inch Conductivity (ATCO90)
1000 (MM/M) 0

TBI 20 Inch Investigation (TBIT20)
0 (OHMM) 50

TBI 90 Inch Investigation (TBIT90)
0 (OHMM) 50

TBI 20 Inch Investigation (TBIT20)

50 (OHMM) 500

TBI 90 Inch
Investigation
(TBIT90)
50 (OHMM) 500

Format: TB_HALFSCALE Vertical Scale: 1" per 100' Graphics File Created: 09-Jun-2014 21:20

OP System Version: 19C2-270

TBT SRPC-5298-ThruBit_b

Input DLIS Files

DEFAULT ThruBit_012PUP FN:11 PRODUCER 09-Jun-2014 21:13 9546.0 FT 2390.0 FT