



Company: SANDRIDGE ENERGY

Well: GEORGE 3406 1-9H

Field: EASTHAM

County: HARPER

State: KANSAS

ARRAY INDUCTION
GAMMA RAY
MEMORY LOG

County: HARPER
Field: EASTHAM
Location: 290' FSL & 1300' FEL
Well: GEORGE 3406 1-9H
Company: SANDRIDGE ENERGY

LOCATION		290' FSL & 1300' FEL	Elev.: K.B. 1266.00 ft
Permanent Datum:	GROUND LEVEL		G.L. 1250.00 ft
Log Measured From:	K.B.		D.F. 1266.00 ft
Drilling Measured From:	K.B.		
API Serial No.	Section	4	Township
15077219650100			34S
			Range
			6W

Logging Date	Run 1	Run 2	Run
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			
Maximum Recorded Temperatures			
Circulation Stopped			
Logger On Bottom			
Unit Number			
Recorded By			
Witnessed By			

Logging Date	27-Mar-2014
Run Number	1
Depth Driller	9500 ft
Schlumberger Depth	9457 ft
Bottom Log Interval	9446 ft
Top Log Interval	2700 ft
Casing Driller Size @ Depth	7.000 in @ 5337 ft
Casing Schlumberger	5303 ft
Bit Size	6.125 in
Type Fluid In Hole	WBM
Density	8.7 lbm/gal
Fluid Loss	60 cm3
Source Of Sample	MUD SENSOR
RM @ Measured Temperature	1.060 ohm.m @ 85 degF
RMF @ Measured Temperature	0.790 ohm.m @ 85 degF
RMC @ Measured Temperature	1.330 ohm.m @ 85 degF
Source RMF	CALCULATED
RM @ MRT	0.663 @ 140
Maximum Recorded Temperatures	140 degF @ 140
Circulation Stopped	27-Mar-2014 7:00
Logger On Bottom	27-Mar-2014 8:25
Unit Number	11 OKC
Recorded By	R. BROOMFIELD
Witnessed By	RONNIE HAGOOD

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	
Maximum Recorded Temperatures	
Circulation Stopped	
Logger On Bottom	
Unit Number	
Recorded By	
Witnessed By	

DISCLAIMER

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OTHER SERVICES1
 OS1: TBI-TBD-TBN-TMC
 OS2:
 OS3:
 OS4:
 OS5:

OTHER SERVICES2
 OS1:
 OS2:
 OS3:
 OS4:
 OS5:

REMARKS: RUN NUMBER 1

REMARKS: RUN NUMBER 2

SERVICE:HORIZONTAL PUMP DOWN MEMORY BIT DEPTH: 9391' LOGGED TO: 2700'

ALL SCALES AND PRESENTATIONS PER CLIENT REQUEST
 LIMESTONE MATRIX 2.71 g/cc USED FOR POROSITY MEASUREMENTS
 TOOLSTRING RAN WITH SWIVEL AND SMALL DE-CENTRALIZE
 TBHV REPRESENTS TOTAL BOREHOLE VOLUME, ft³
 ABHV REPRESENTS ANNULAR HOLE COLUME, CALCULATED FOR 4.5" CSG, ft³
 HSPM USED TO ACQUIRE LOG DEPTH
 LOG CORRELATED TO MWD GR
 RIG: UNIT 9

CREW: R. BROOMFIELD, K. FINK, E. PRICE, J. HIRSCHLER

RUN 1

SERVICE ORDER #: CT07-00016
 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

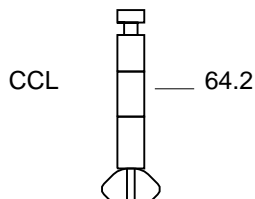
RUN 1RUN 2

SURFACE EQUIPMENT

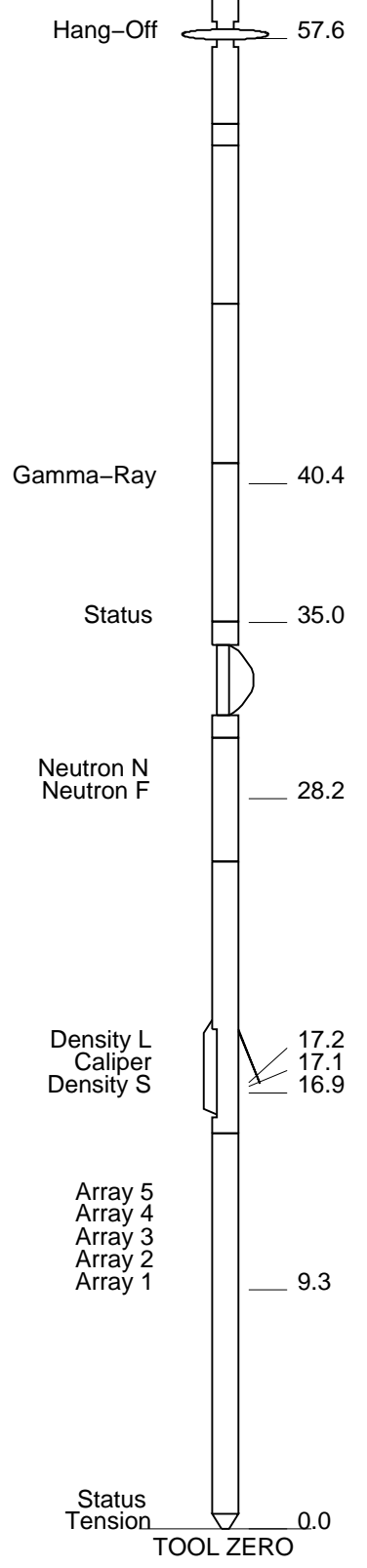
WITM (ThruBit)

DOWNHOLE EQUIPMENT

TBT-A 67.1
 THEAD 21
 CCL 3020
 BDOT-B 11
 THOT 33
 T10 1 38
 TBAT1 29
 TBAT2 30



TMG-A 39
TBEX-A 42
TBN-A 27
NNLS-EWA 3754
TBD-A 24
GGLS-FZ 3351
TBI-A 23



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: GEORGE 3406 1-9H

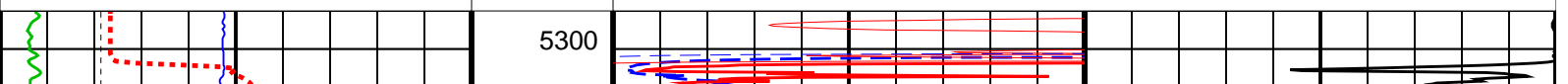
Input DLIS Files

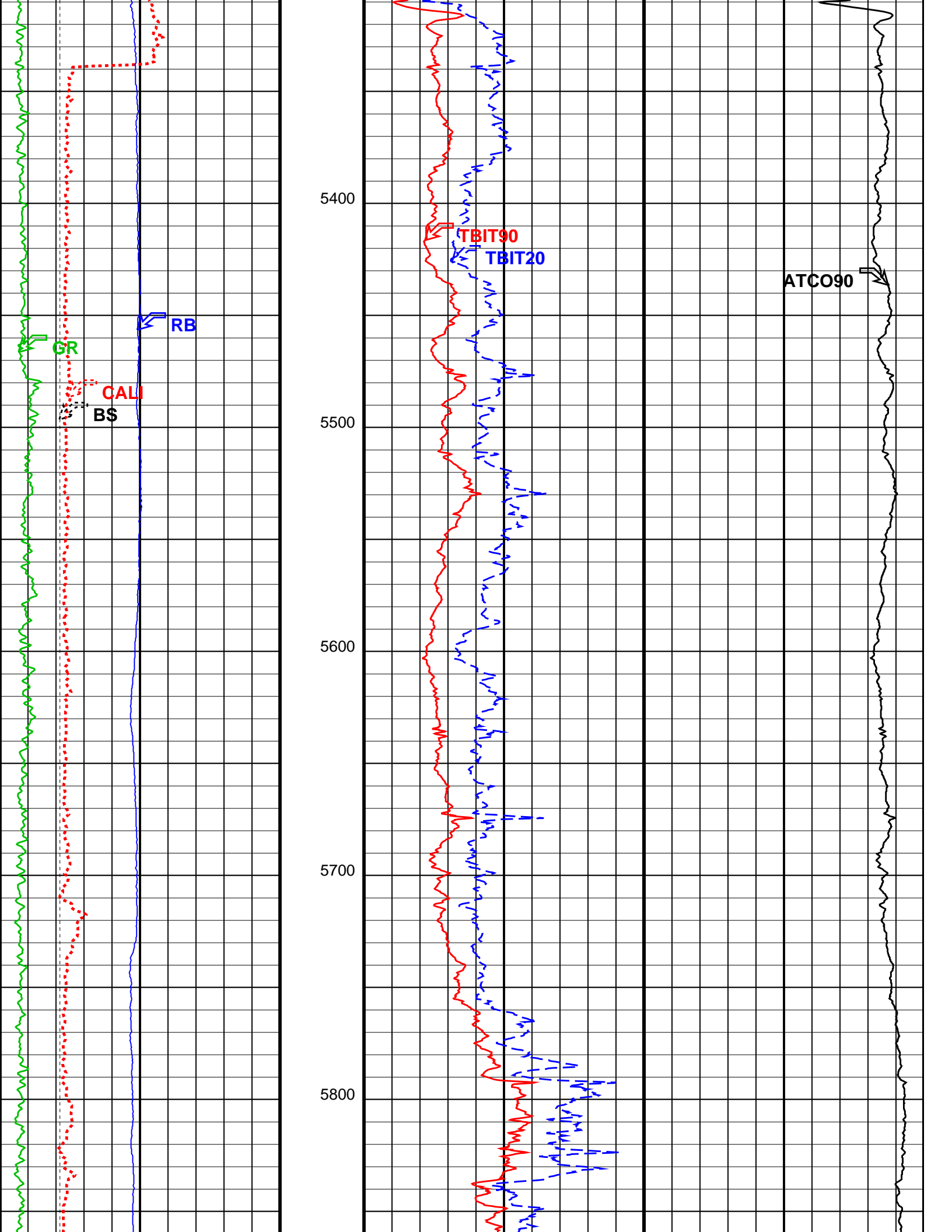
DEFAULT ThruBit_006PUP FN:5 PRODUCER 27-Mar-2014 16:43 9456.5 FT 2599.5 FT

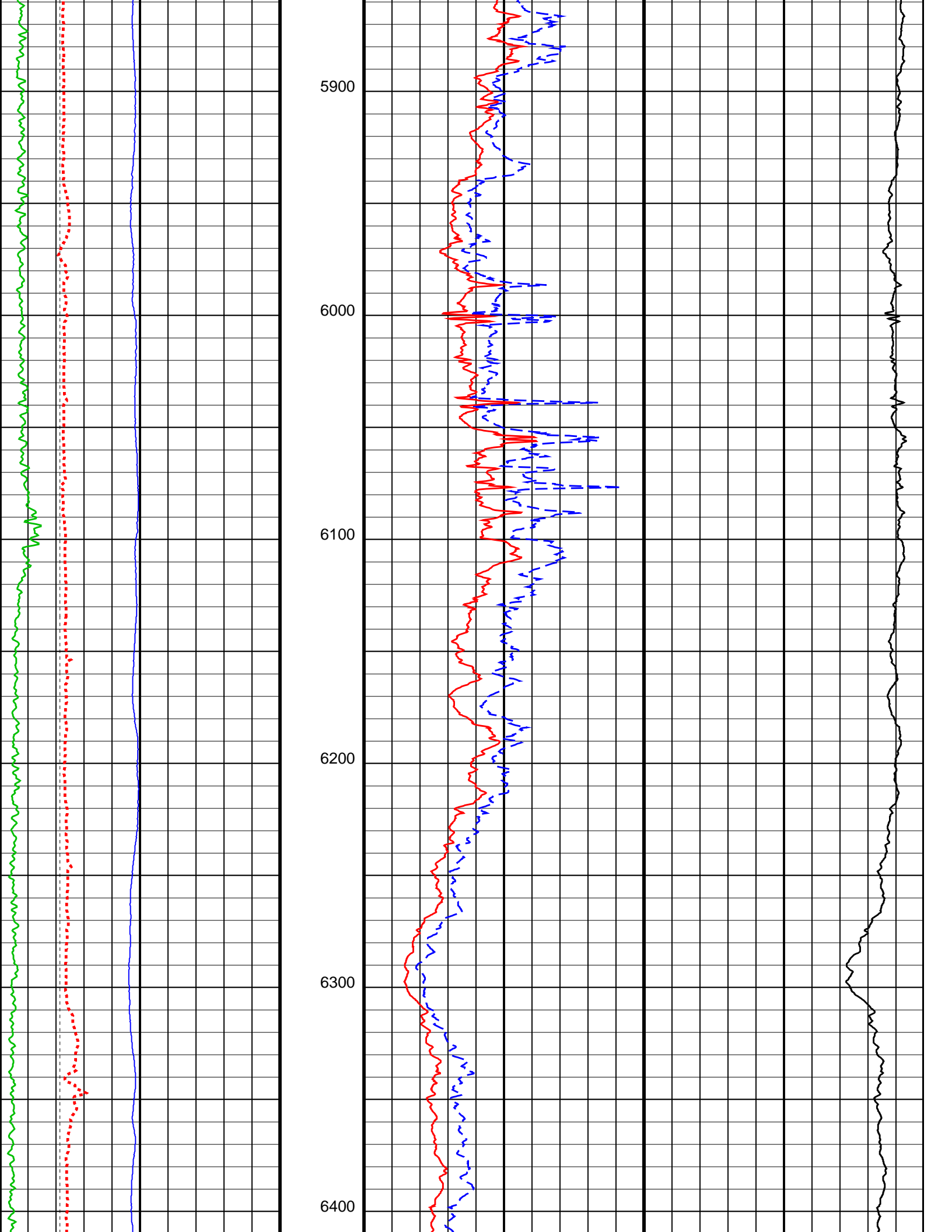
OP System Version: 19C2-270

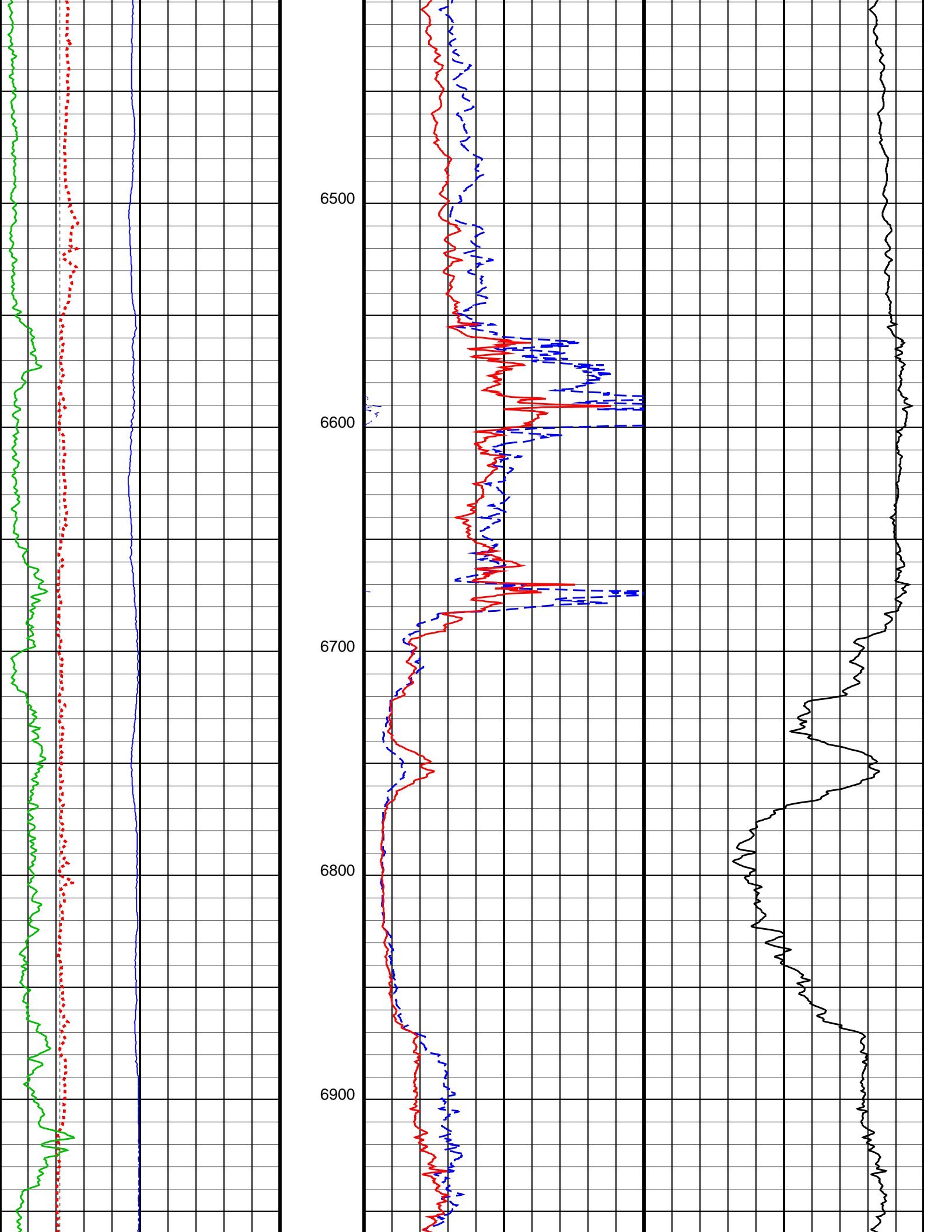
TBT SRPC-5292-ThruBit_RevA

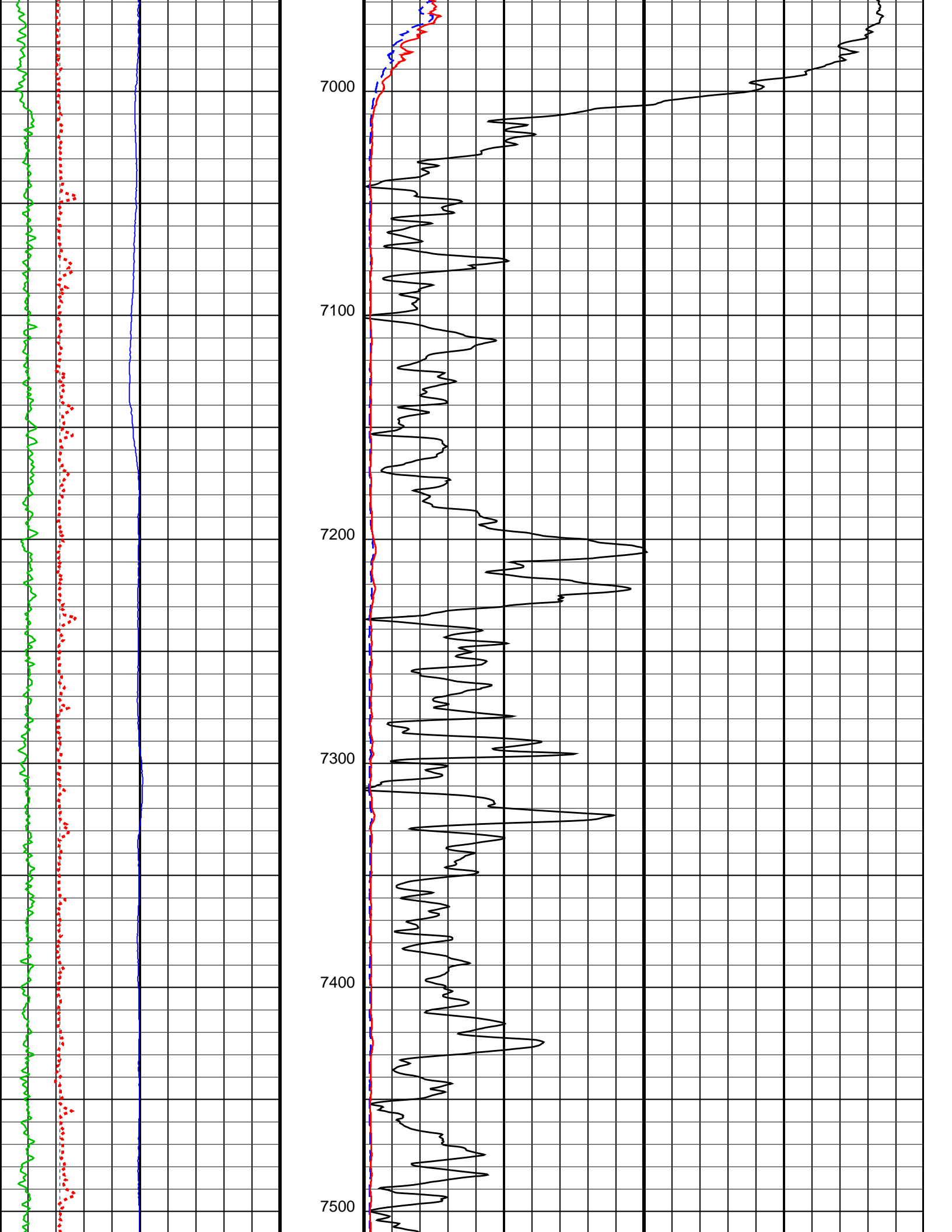
	<u>TBI 20 Inch Investigation (TBIT20)</u> 50 (OHMM) 500	
<u>Caliper (CALI)</u> 4 (IN) 14	<u>TBI 90 Inch Investigation (TBIT90)</u> 50 (OHMM) 500	
<u>Gamma Ray (GR)</u> 0 (GAPI) 150	<u>TBI 90 Inch Investigation (TBIT90)</u> 0 (OHMM) 50	
<u>Relative Bearing (RB)</u> 0 (DEG) 360	<u>TBI 20 Inch Investigation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

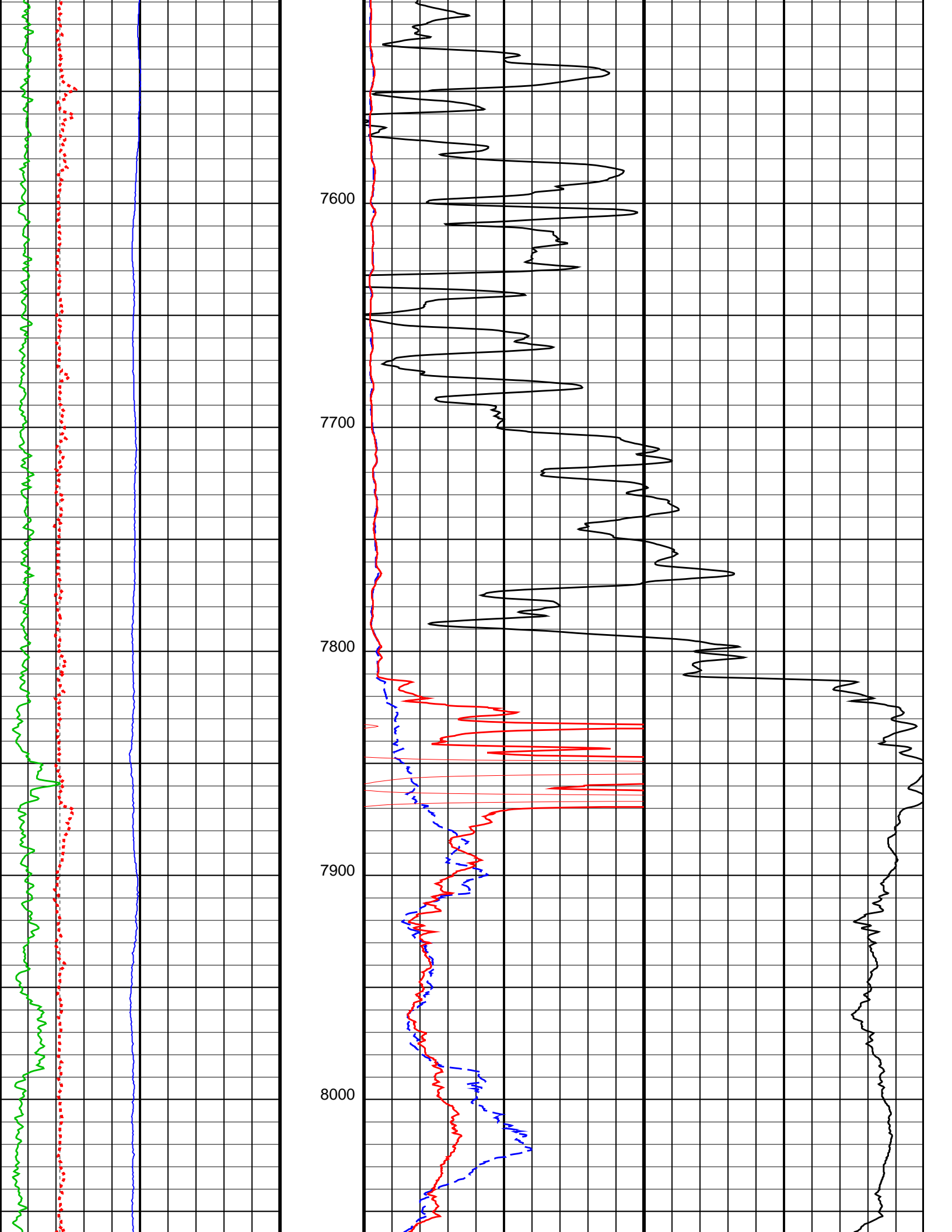


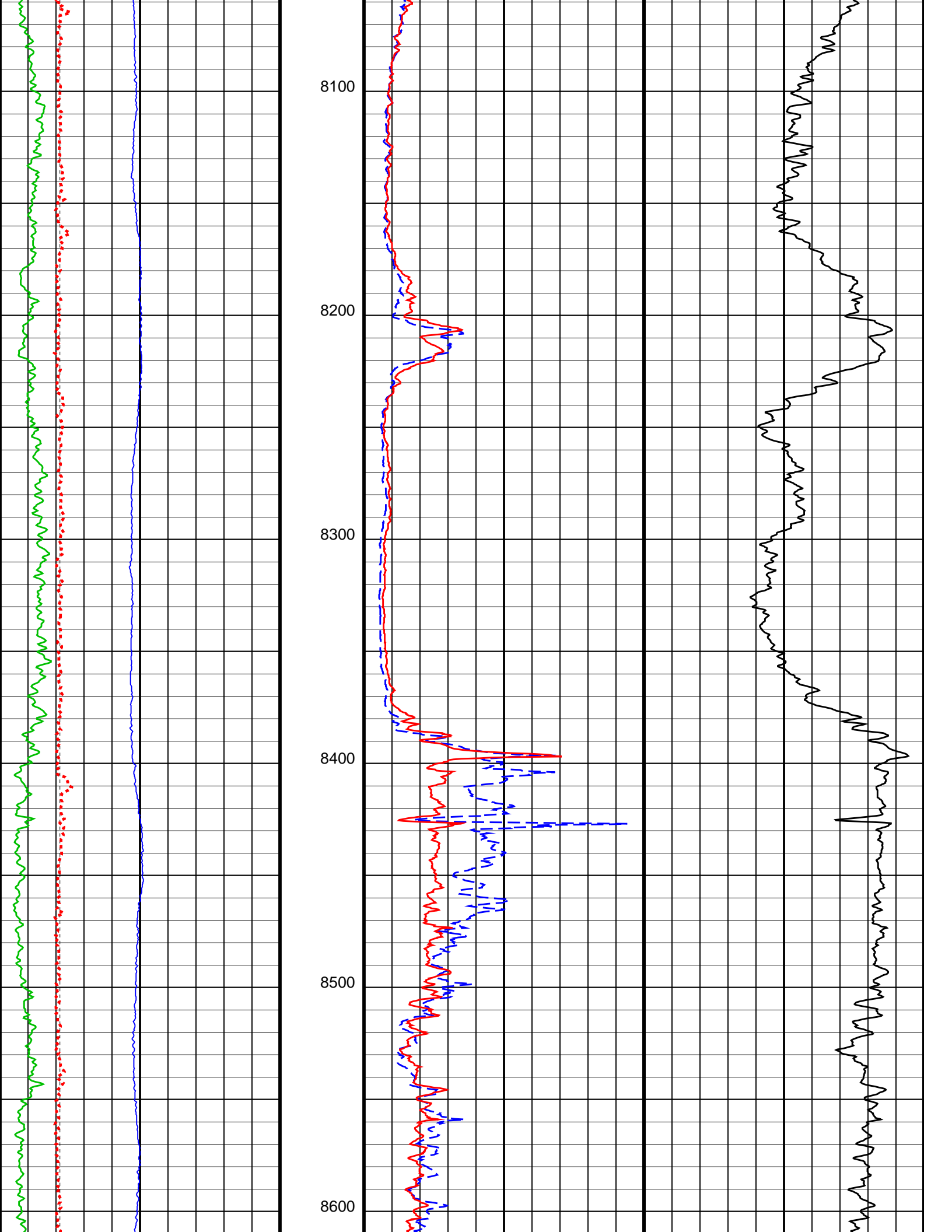


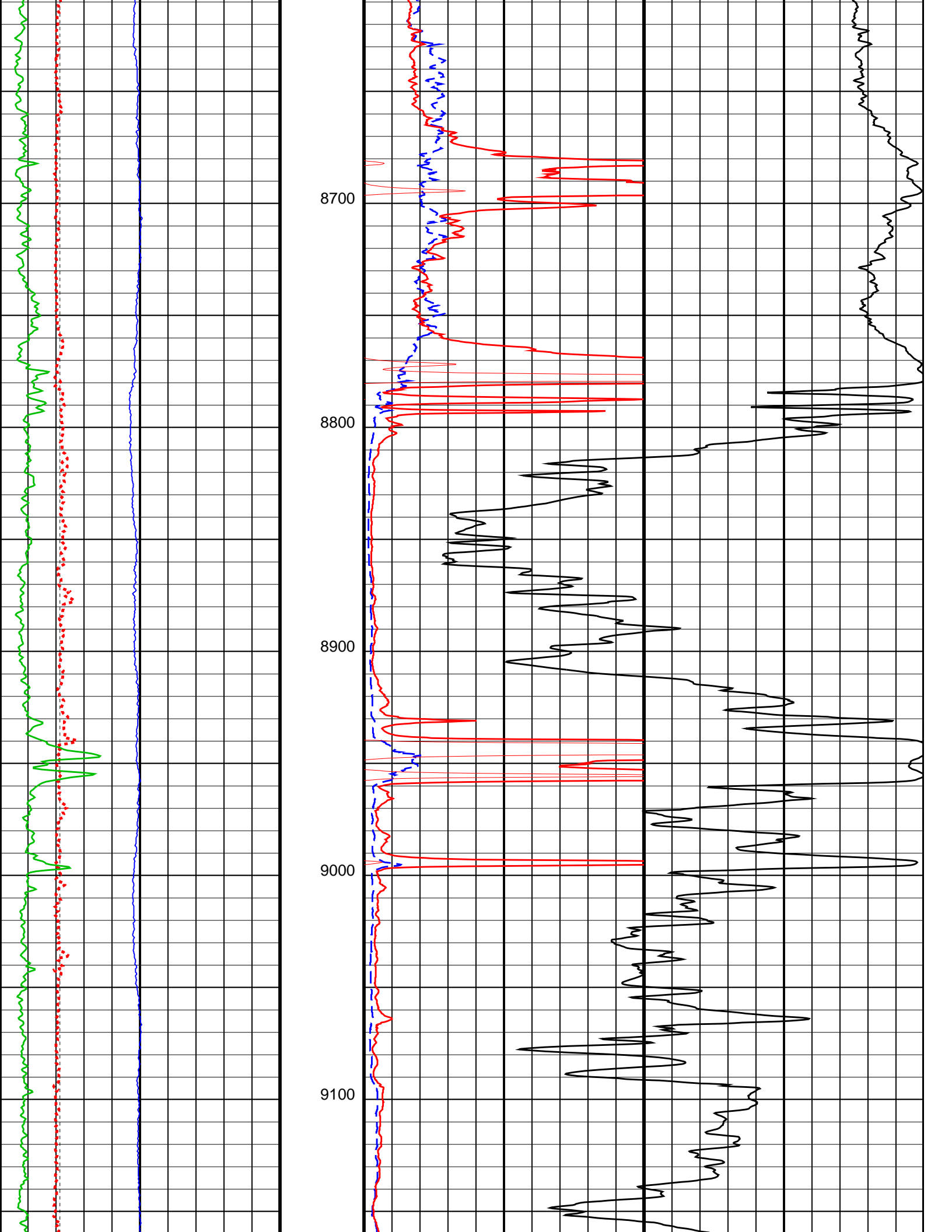


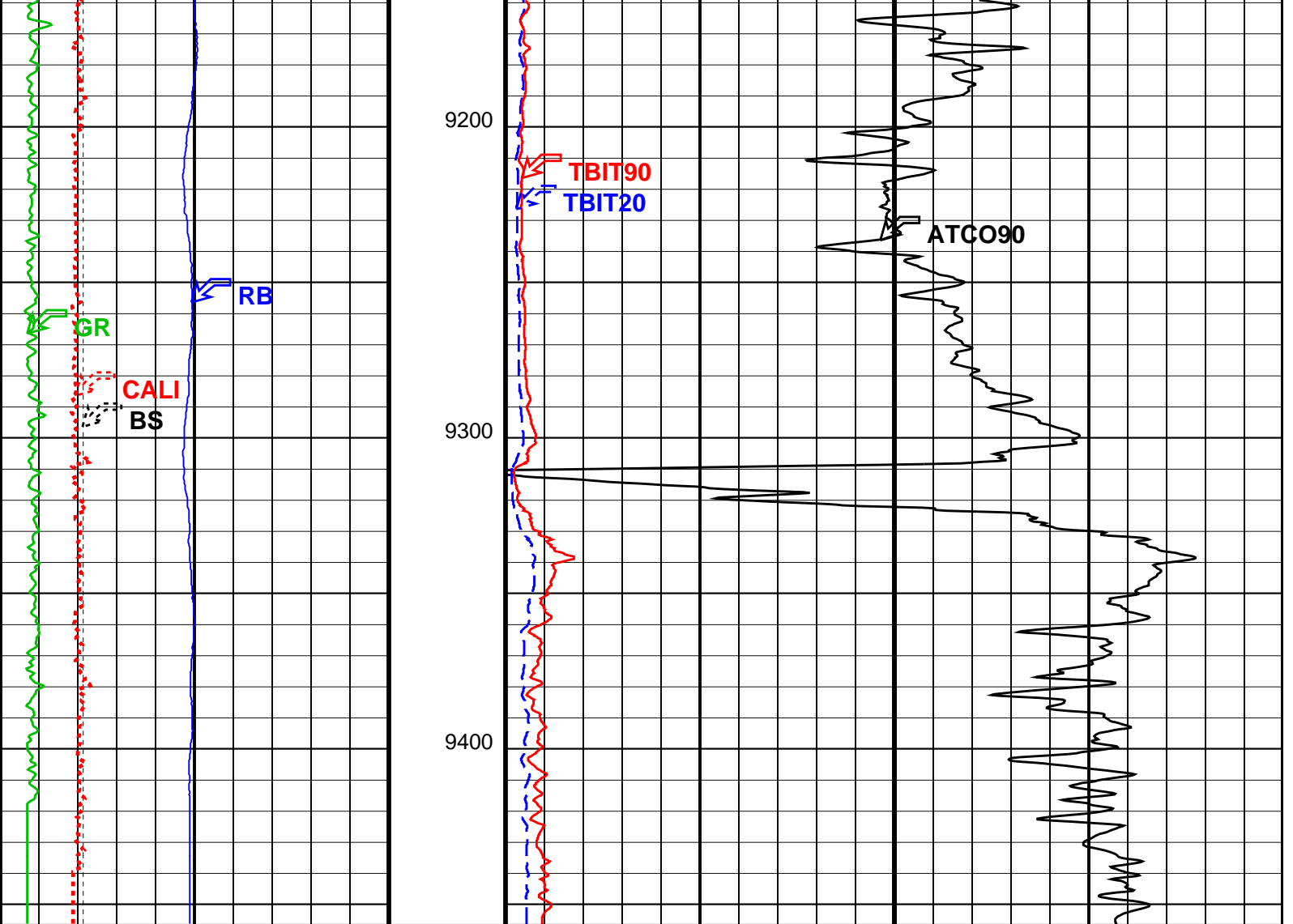












4	Bit Size (BS) (IN)	14	1000	TBI 90 Inch Conductivity (ATCO90) (MM/M)	0
0	Relative Bearing (RB) (DEG)	360	0	TBI 20 Inch Investigation (TBIT20) (OHMM)	50
0	Gamma Ray (GR) (GAPI)	150	0	TBI 90 Inch Investigation (TBIT90) (OHMM)	50
4	Caliper (CALI) (IN)	14	50	TBI 90 Inch Investigation (TBIT90) (OHMM)	500
			50	TBI 20 Inch Investigation (TBIT20) (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
System and Miscellaneous		
BS	Bit Size	6.125 in

Input DLIS Files

DEFAULT ThruBit_006PUP FN:5 PRODUCER 27-Mar-2014 16:43 9456.5 FT 2599.5 FT



MAIN PASS

MAXIS Field Log

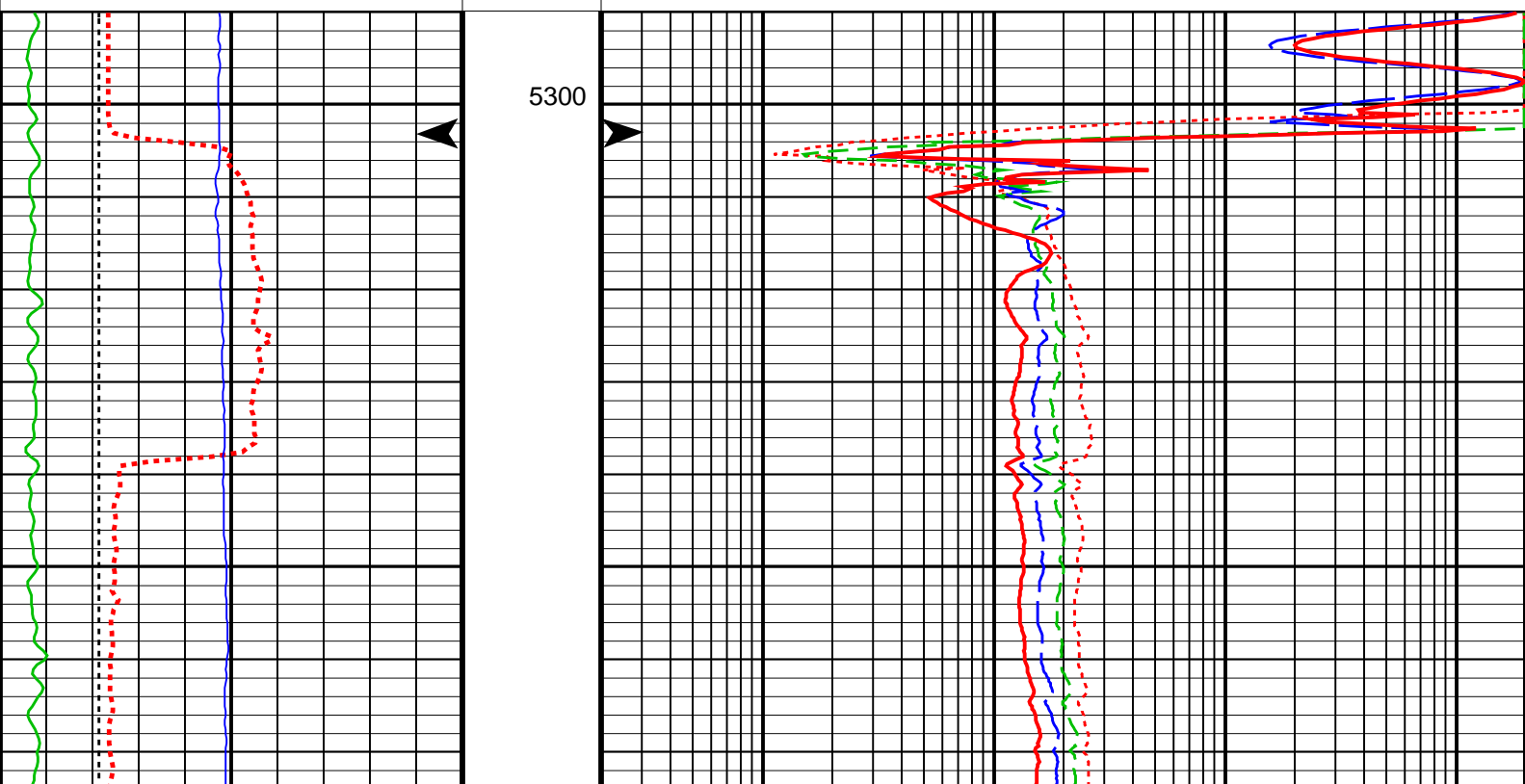
Company: SANDRIDGE ENERGY Well: GEORGE 3406 1-9H

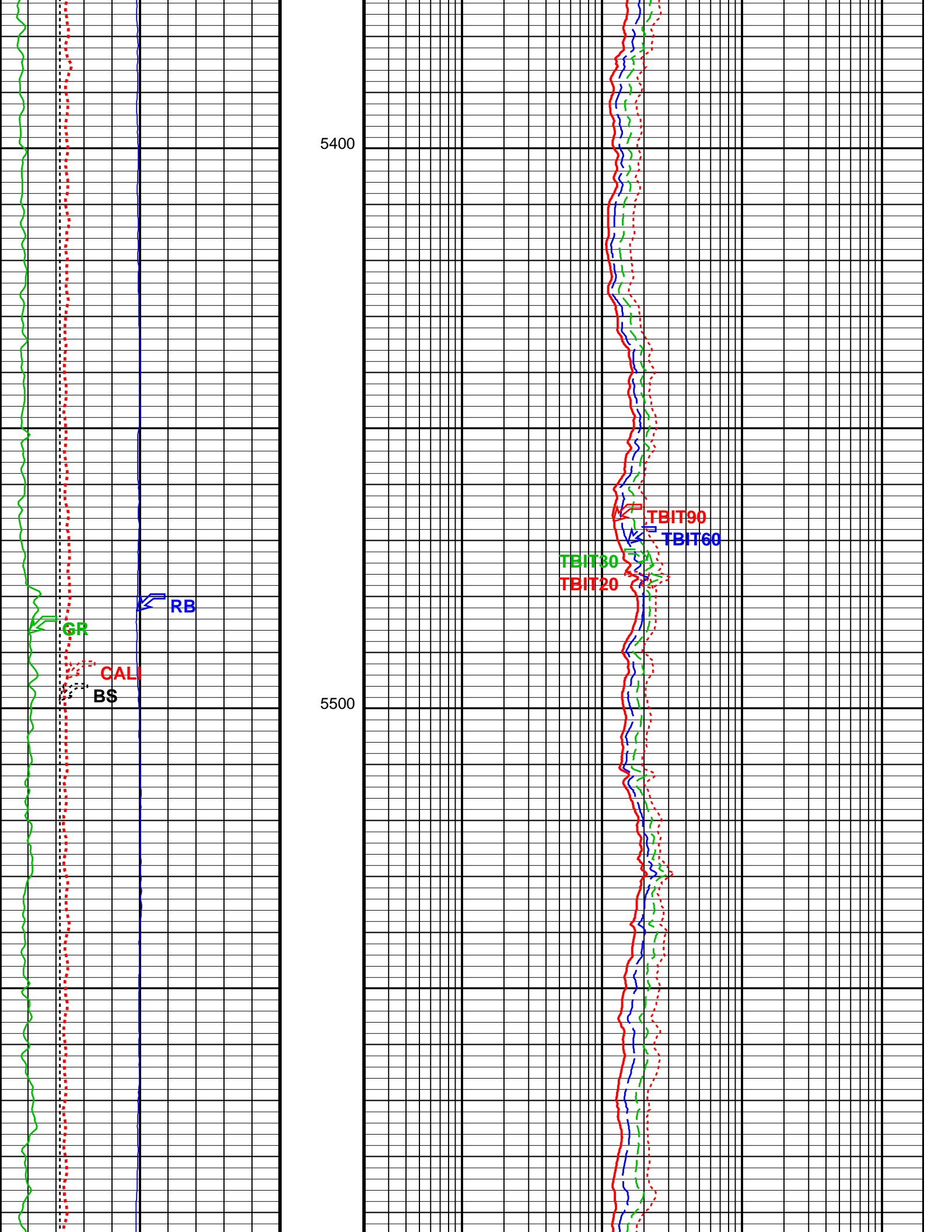
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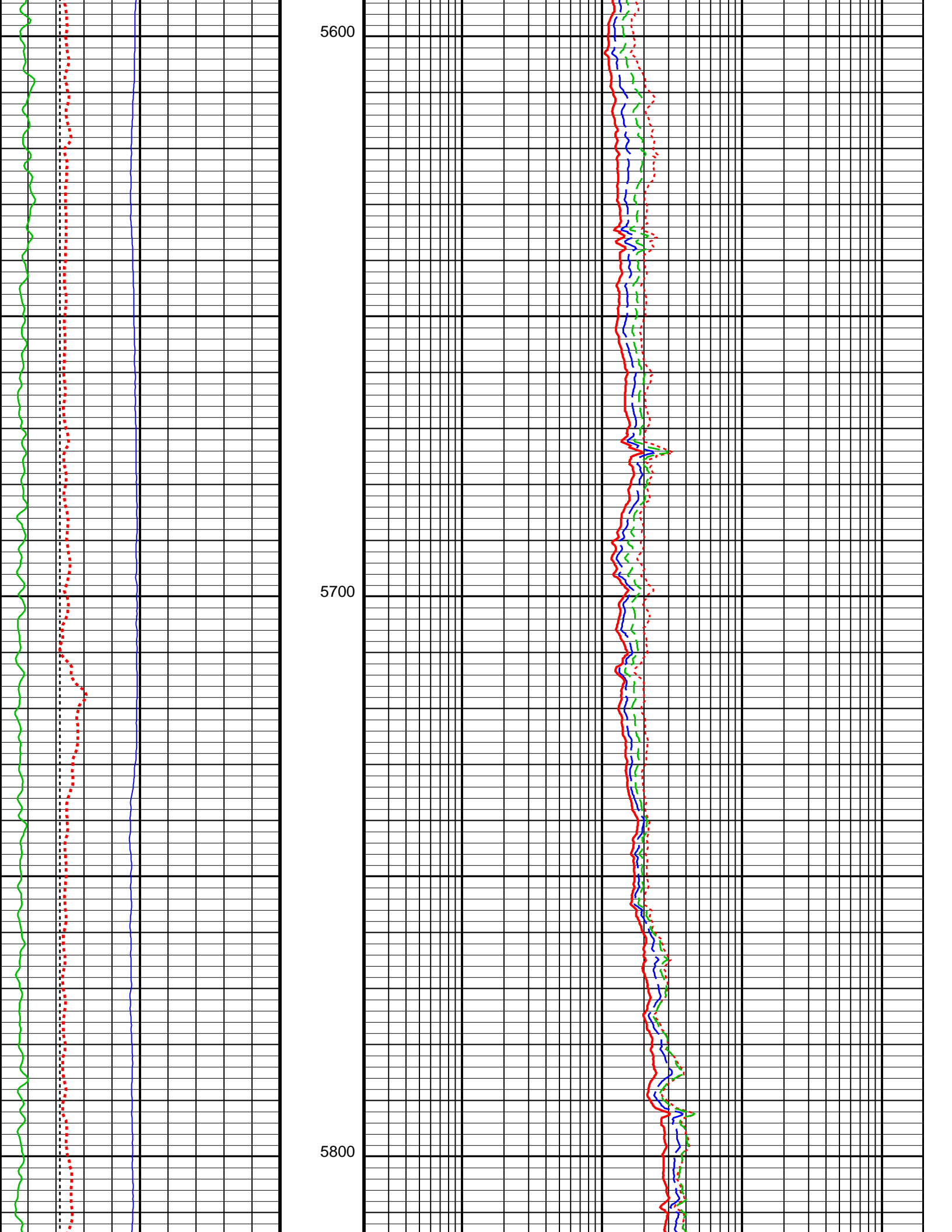
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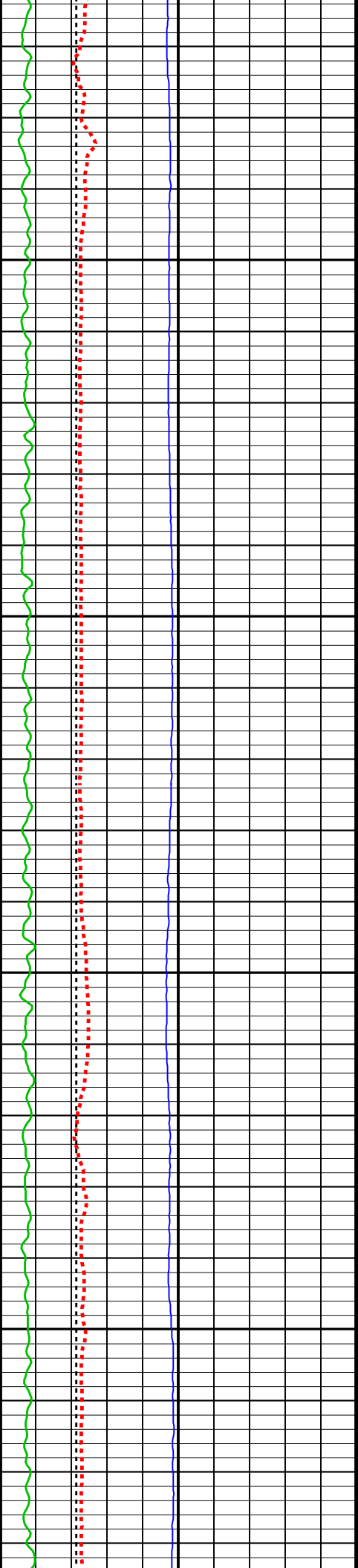
OP System Version: 19C2-270

4	Caliper (CALI) (IN)	14	0.2	TBI 90 Inch Investigation (TBIT90) (OHMM)	2000
0	Gamma Ray (GR) (GAPI)	150	0.2	TBI 60 Inch Investigation (TBIT60) (OHMM)	2000
4	Bit Size (BS) (IN)	14	0.2	TBI 30 Inch Investigation (TBIT30) (OHMM)	2000
0	Relative Bearing (RB) (DEG)	360	0.2	TBI 20 Inch Investigation (TBIT20) (OHMM)	2000



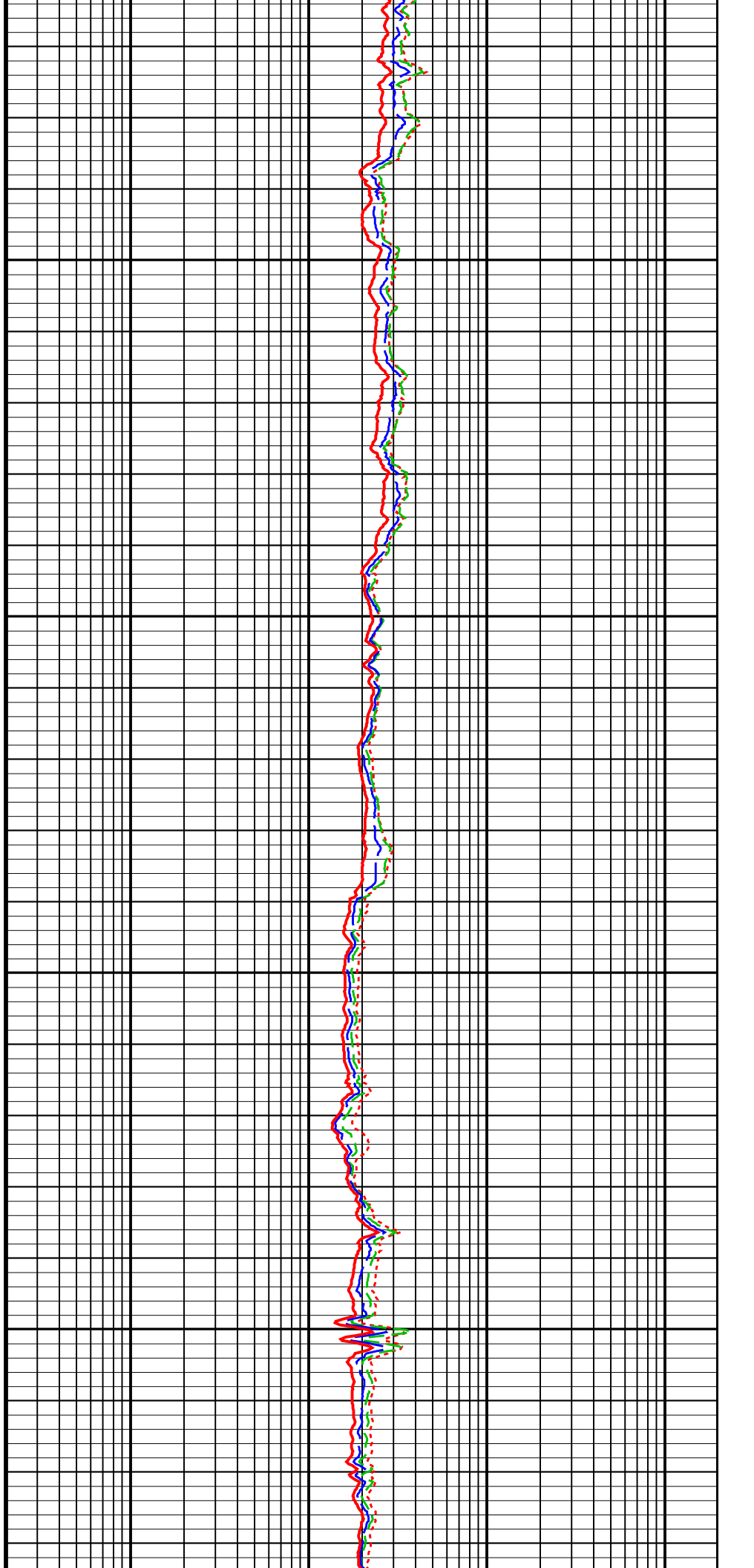


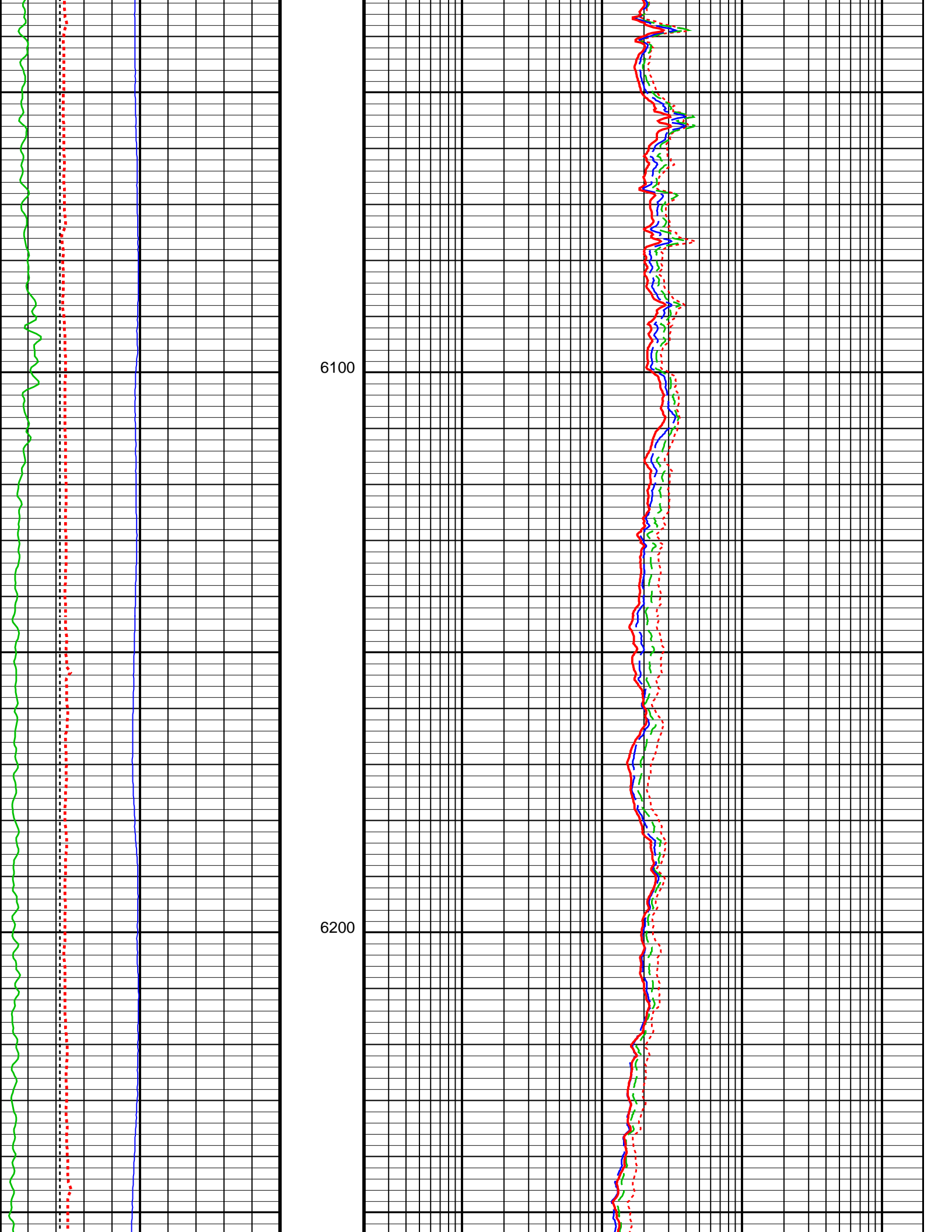


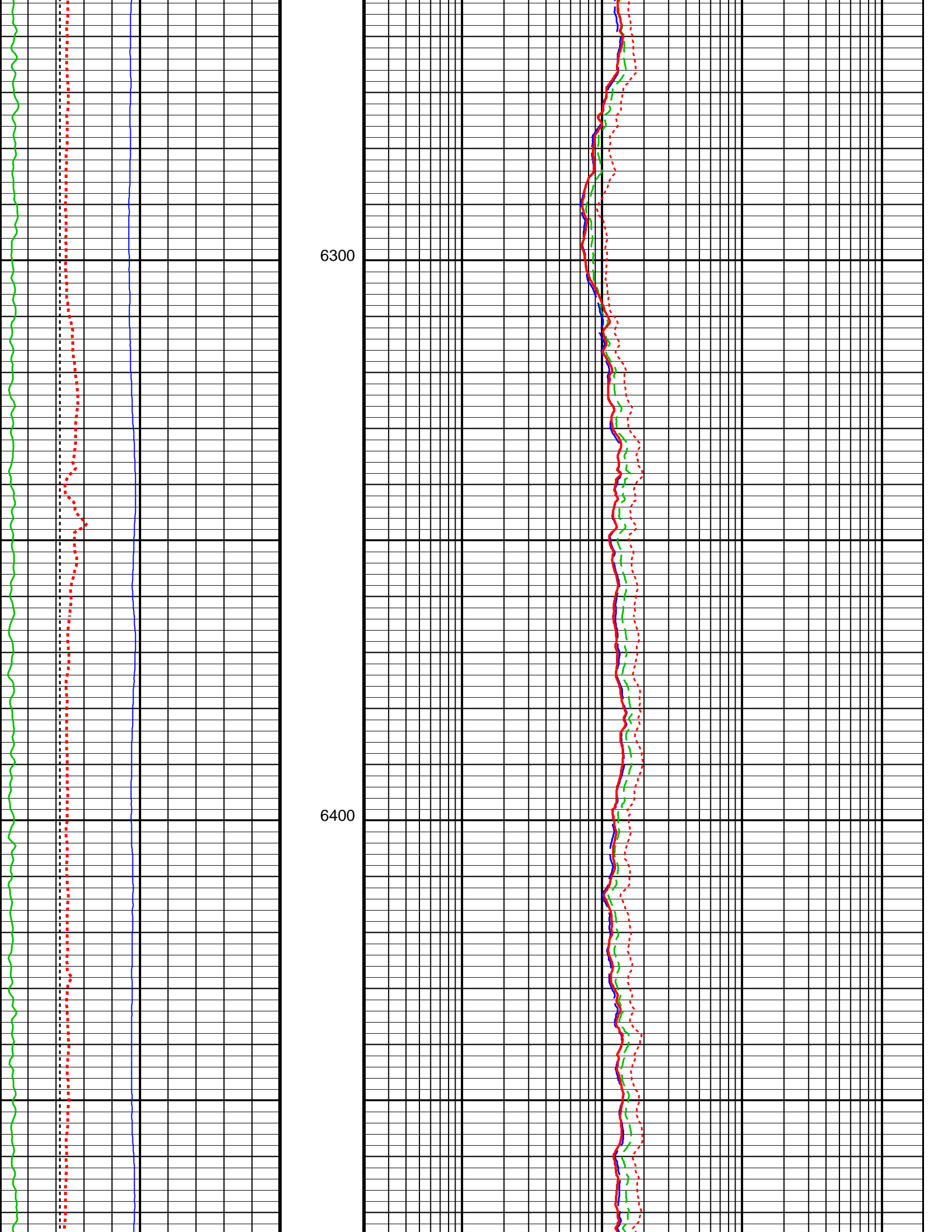


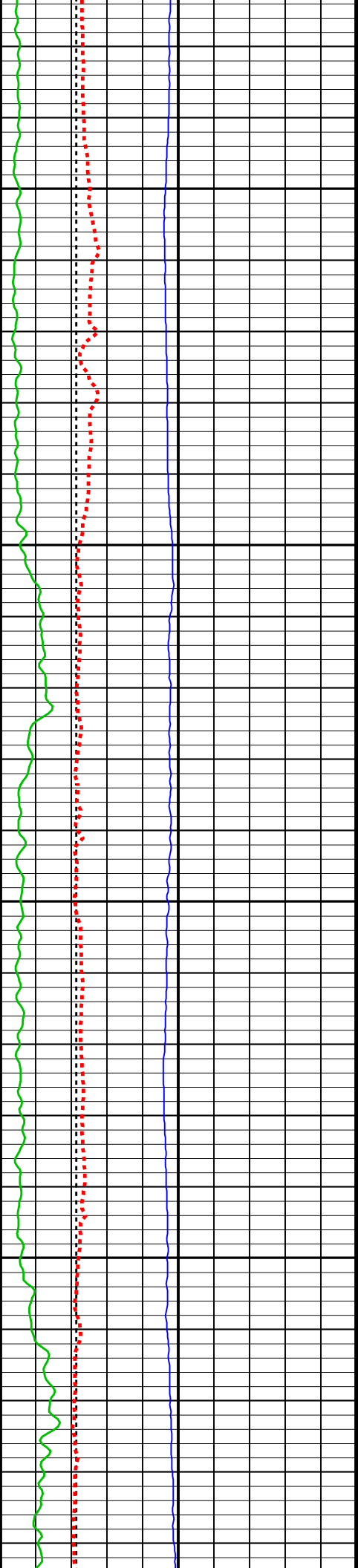
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6000



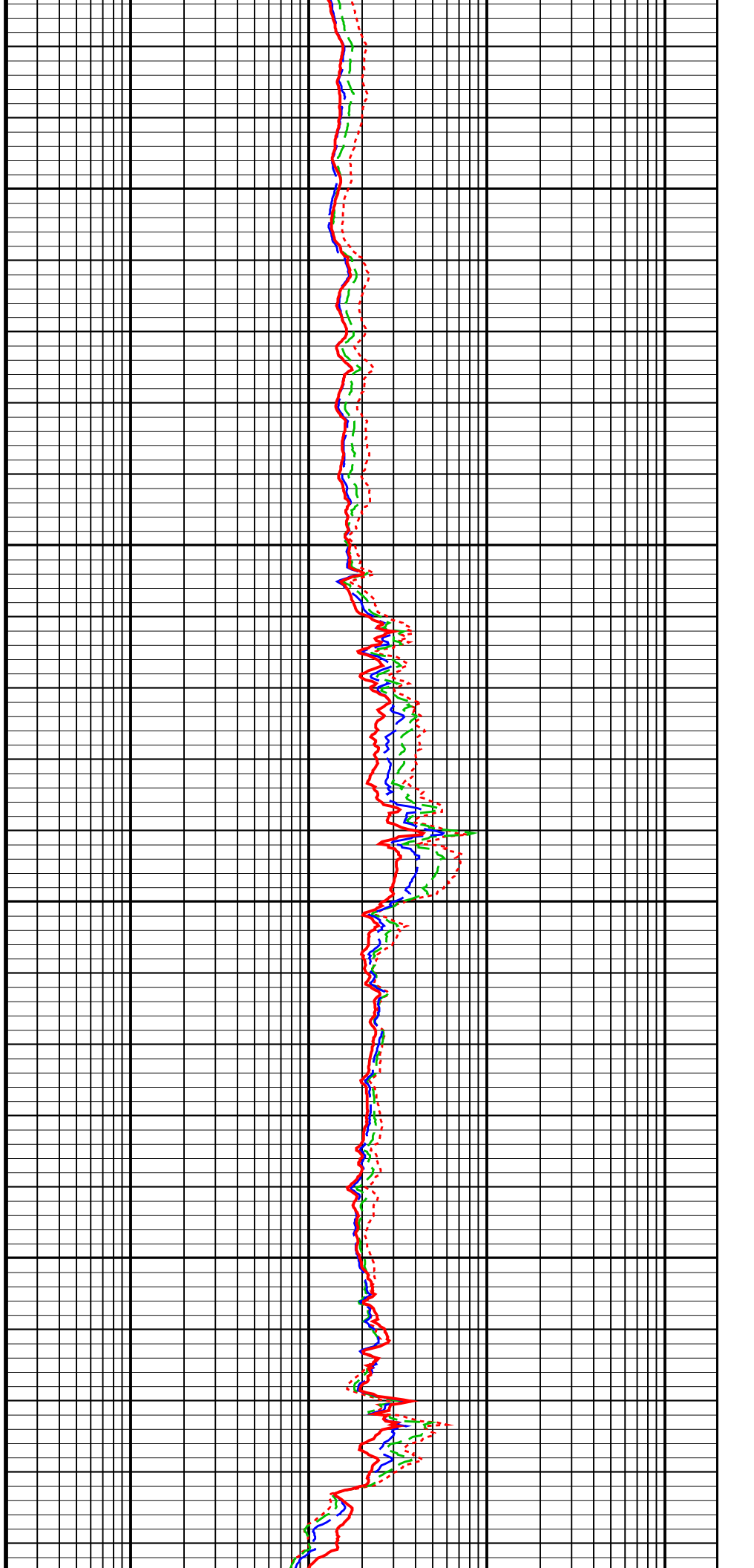


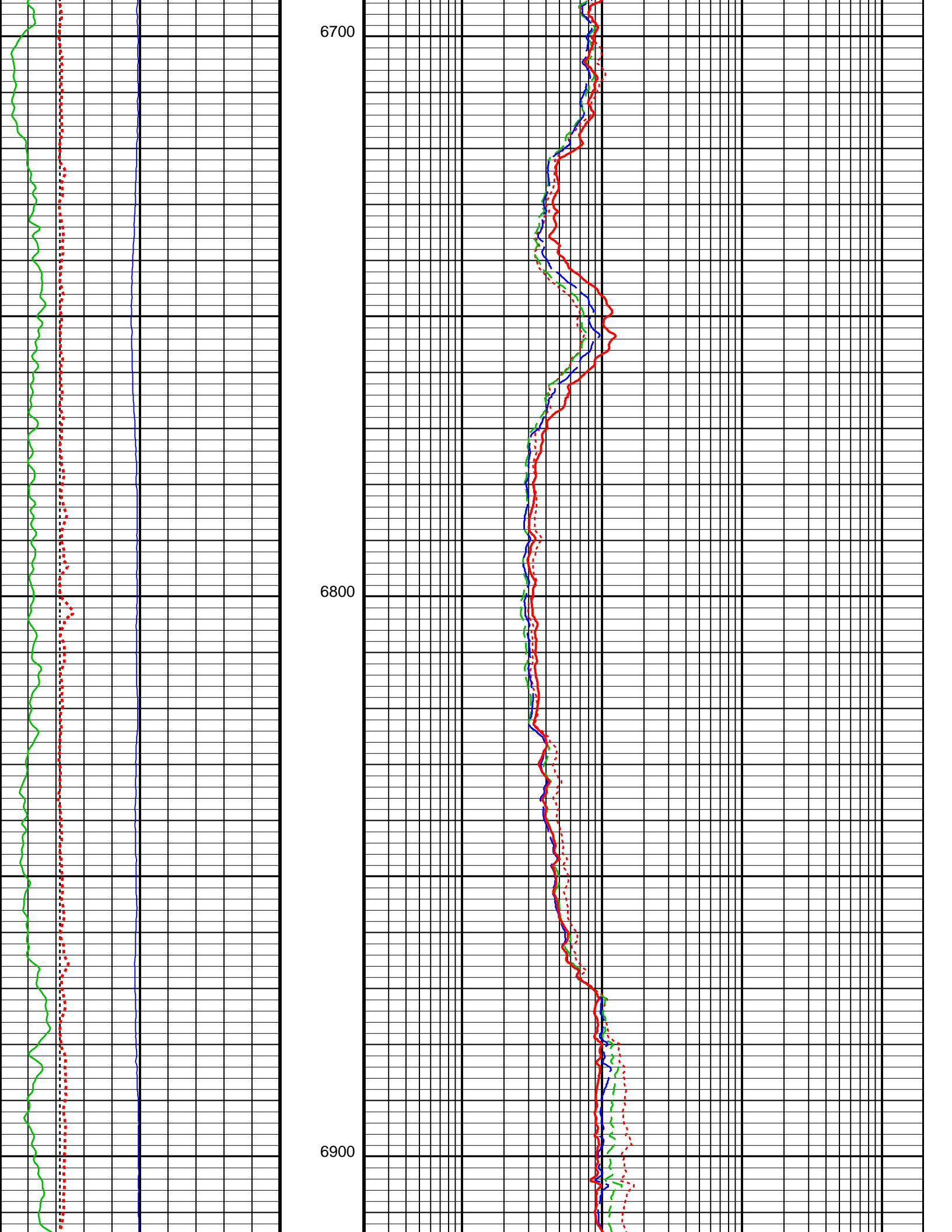


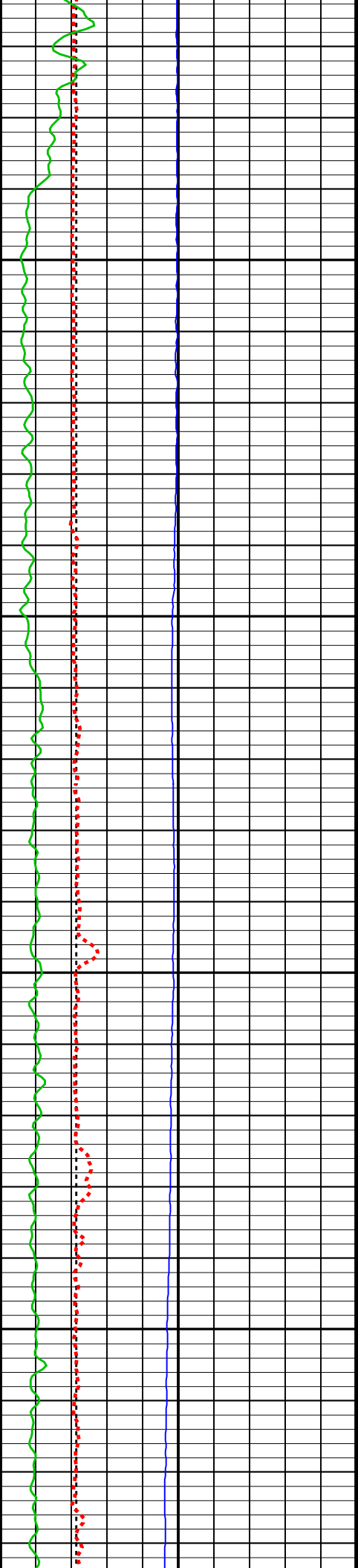


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6600

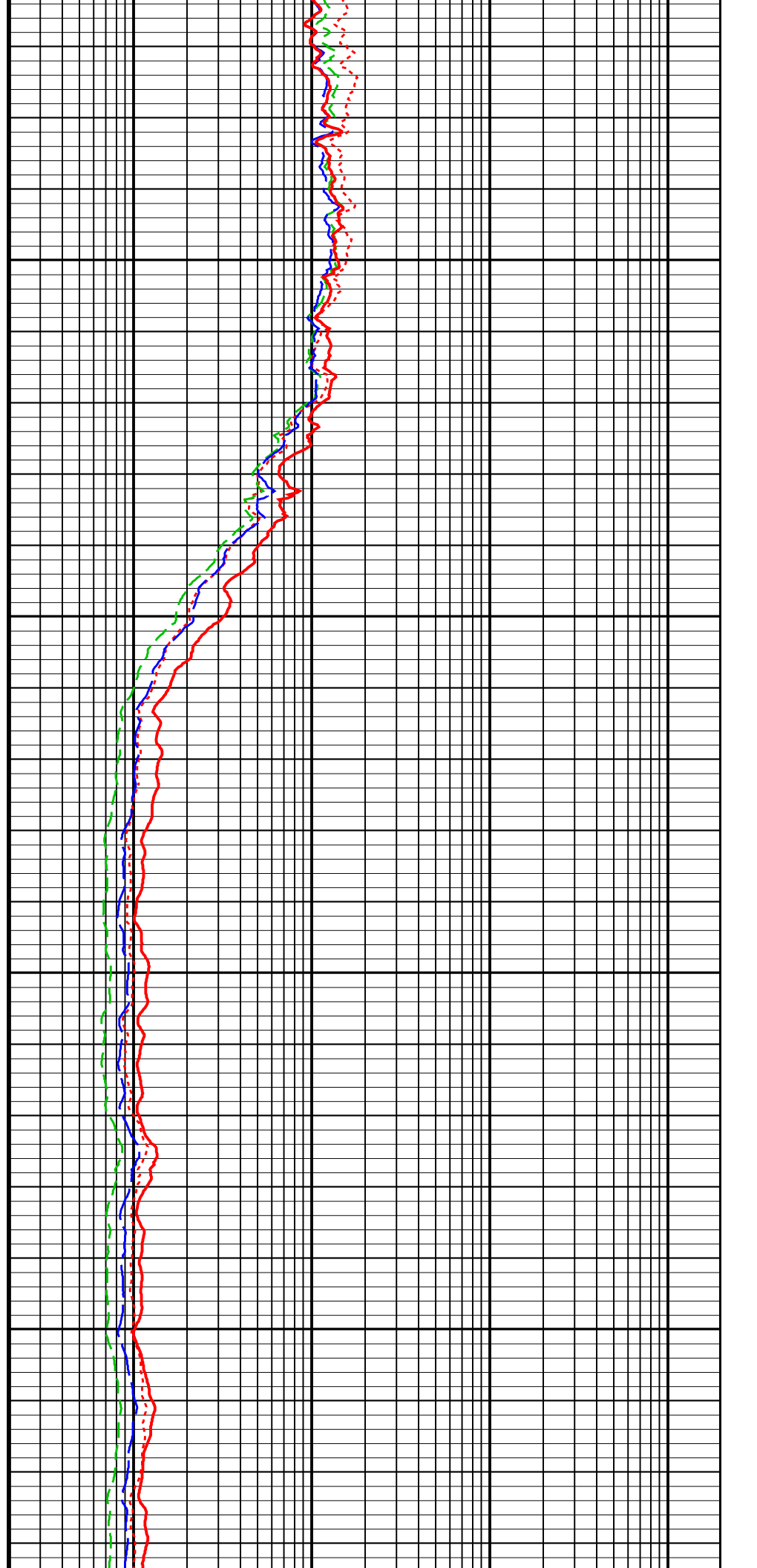


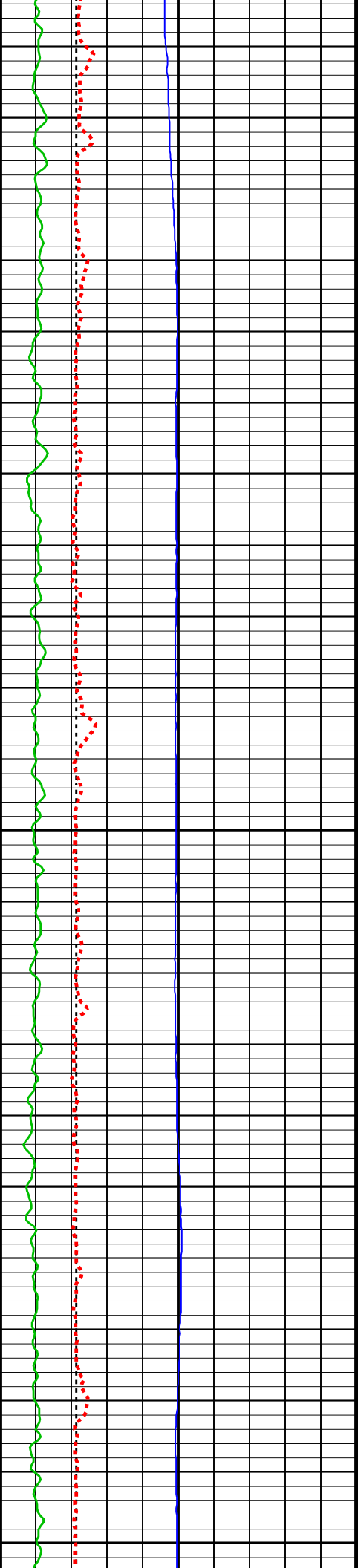




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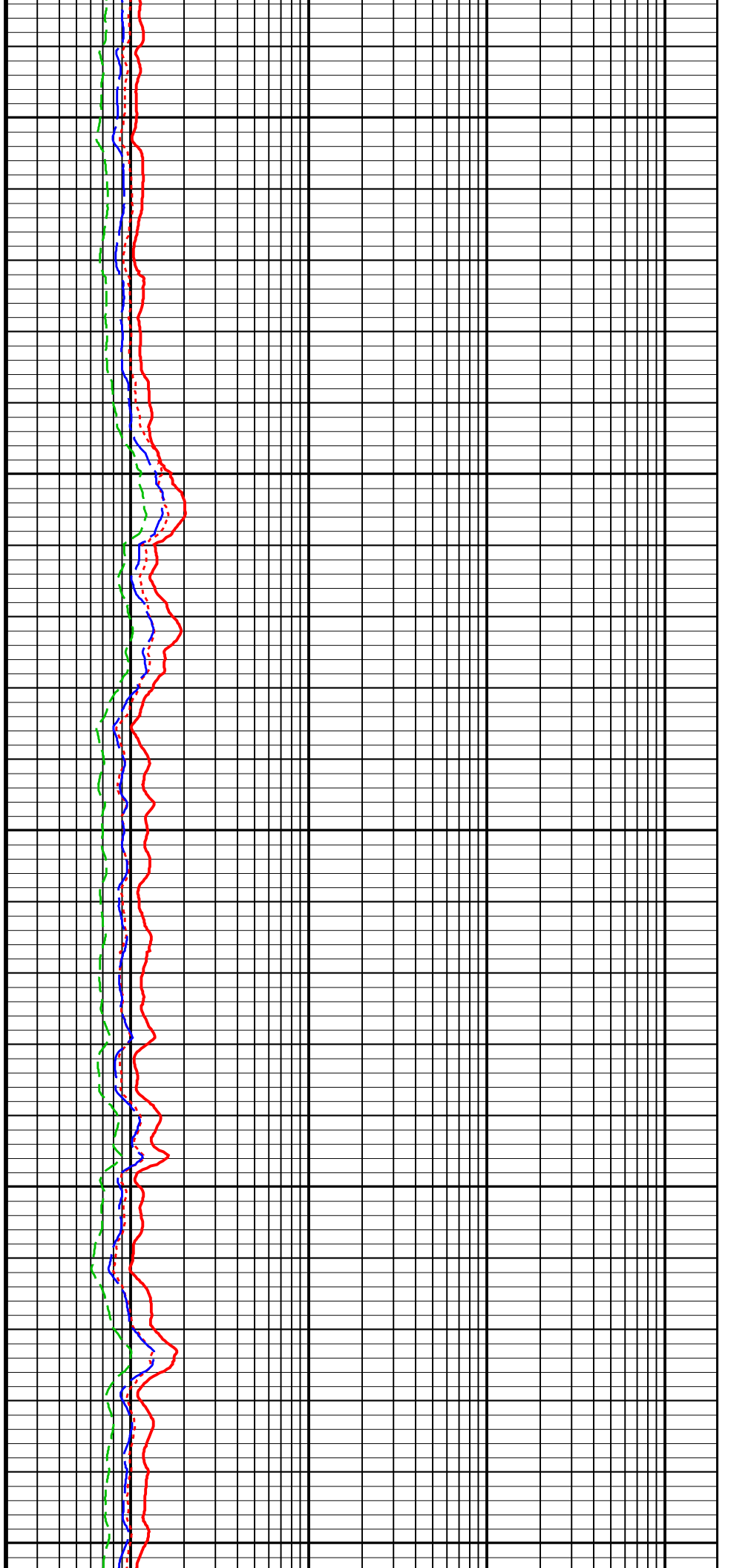
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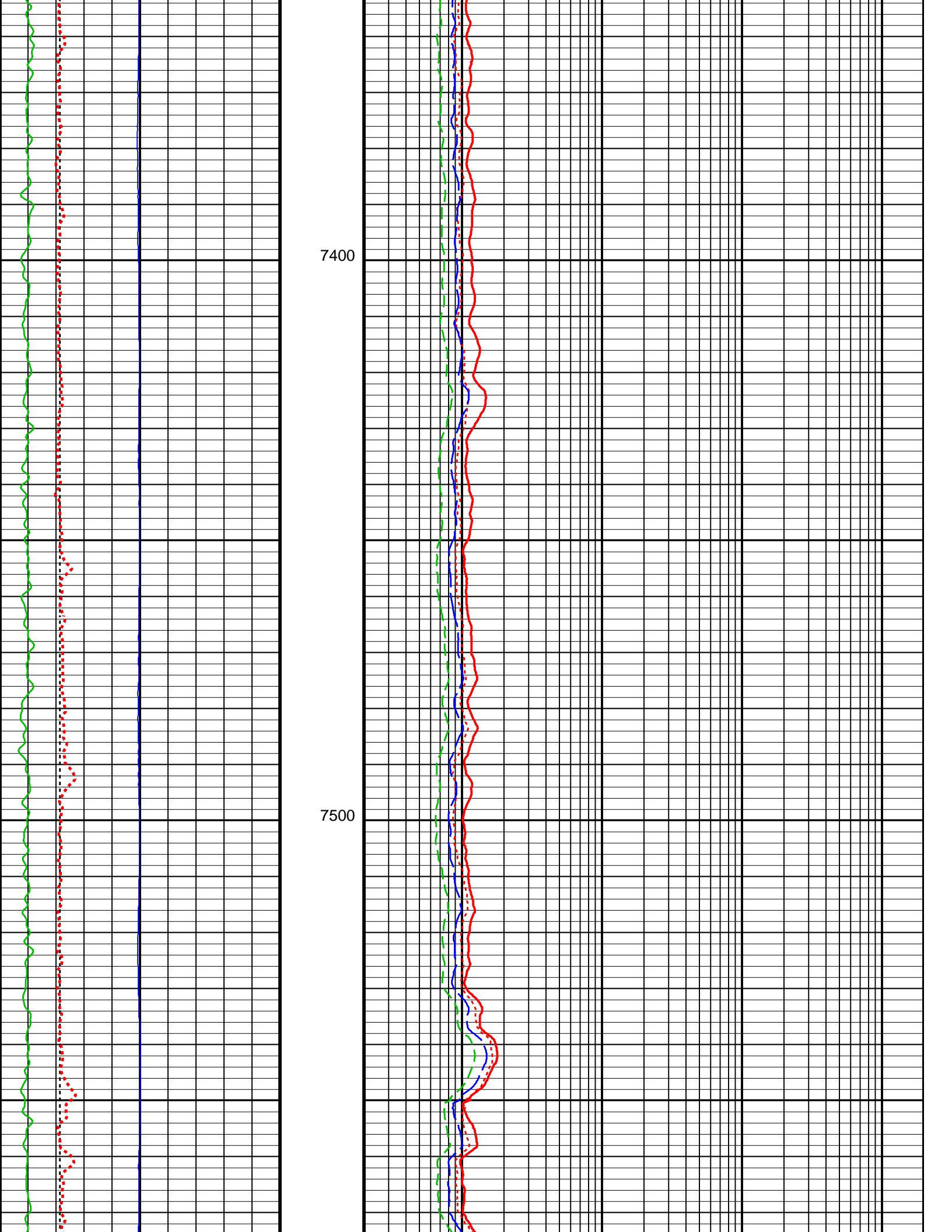


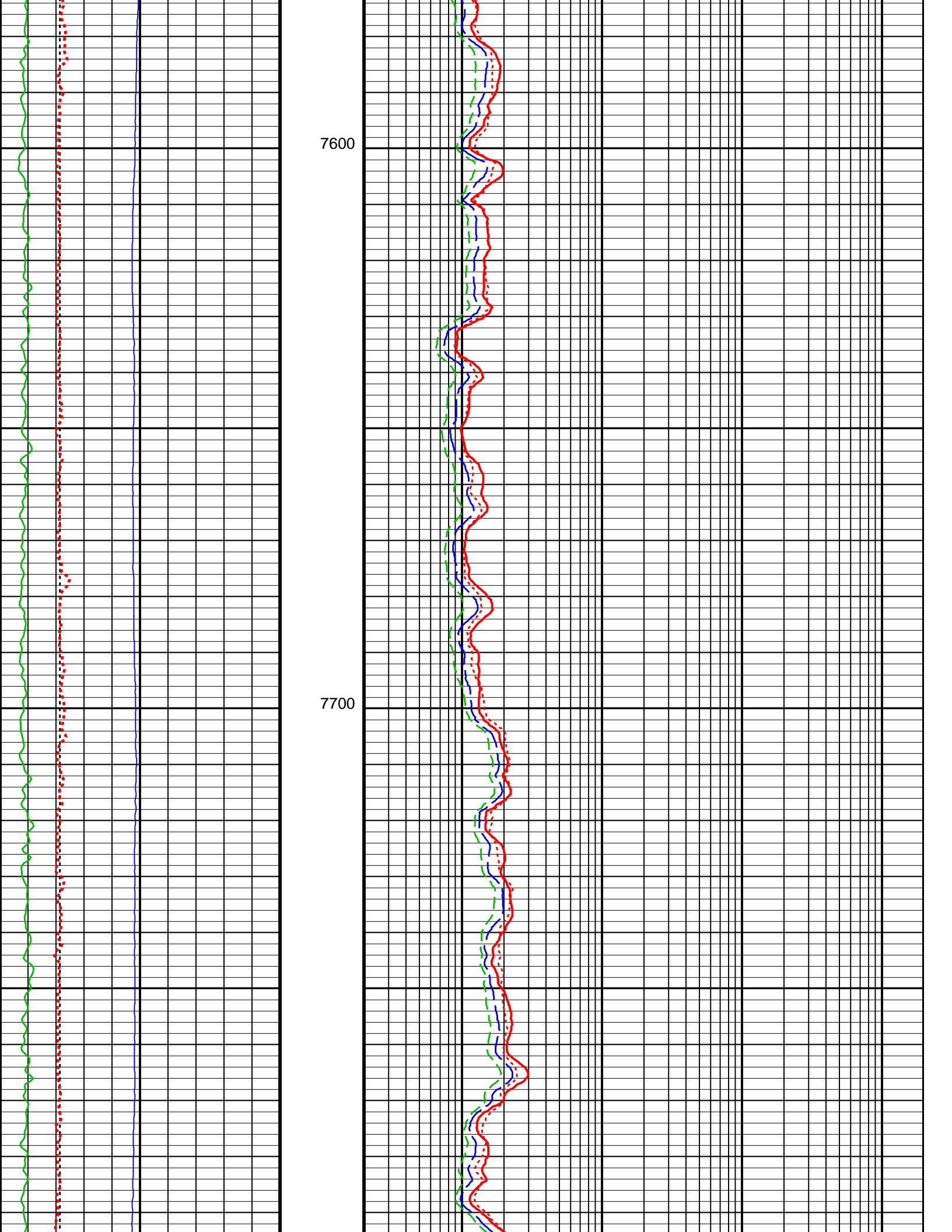


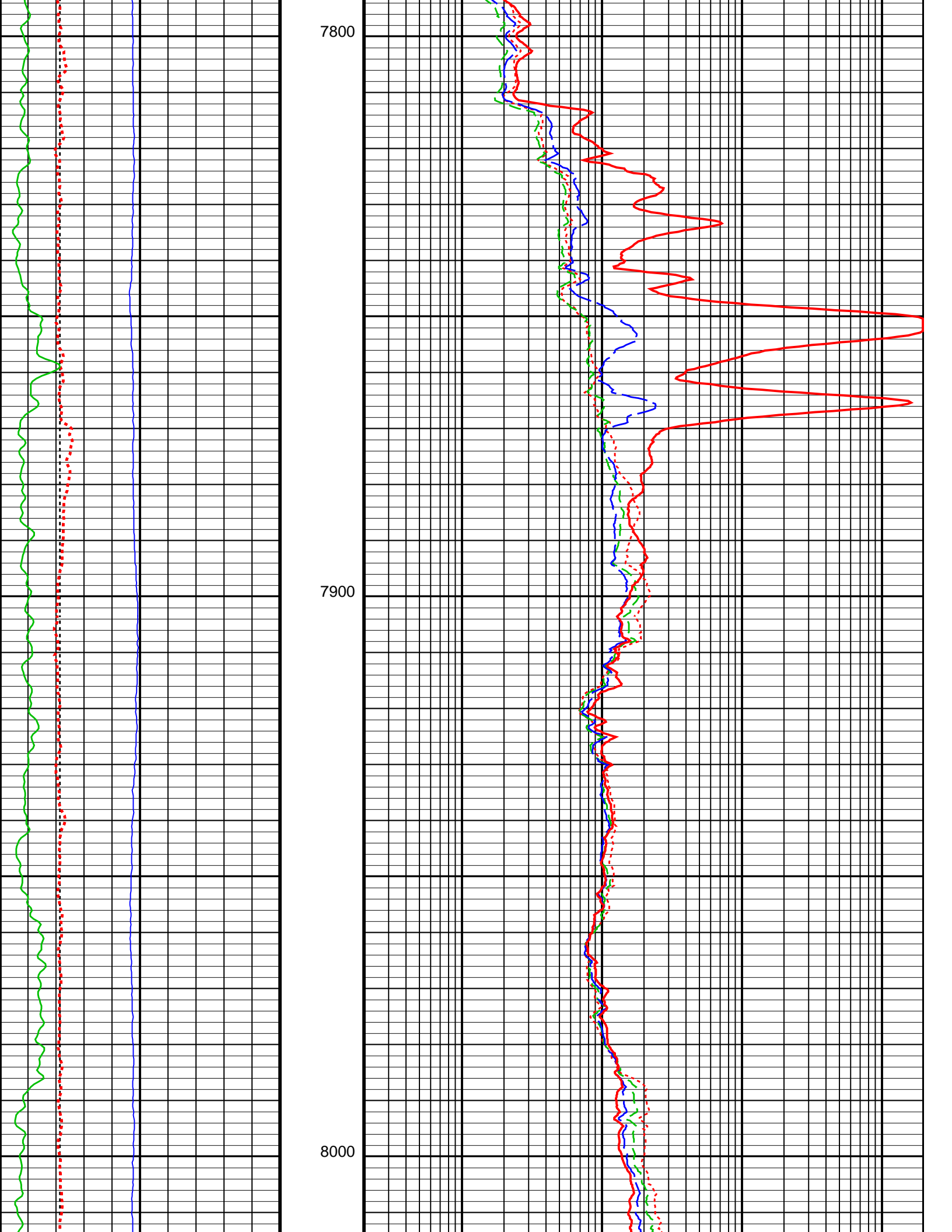
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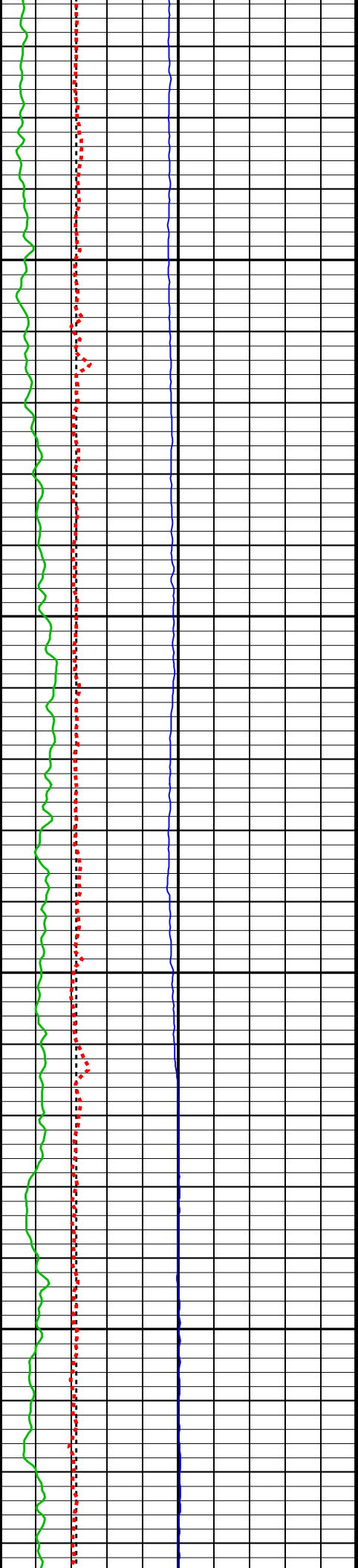
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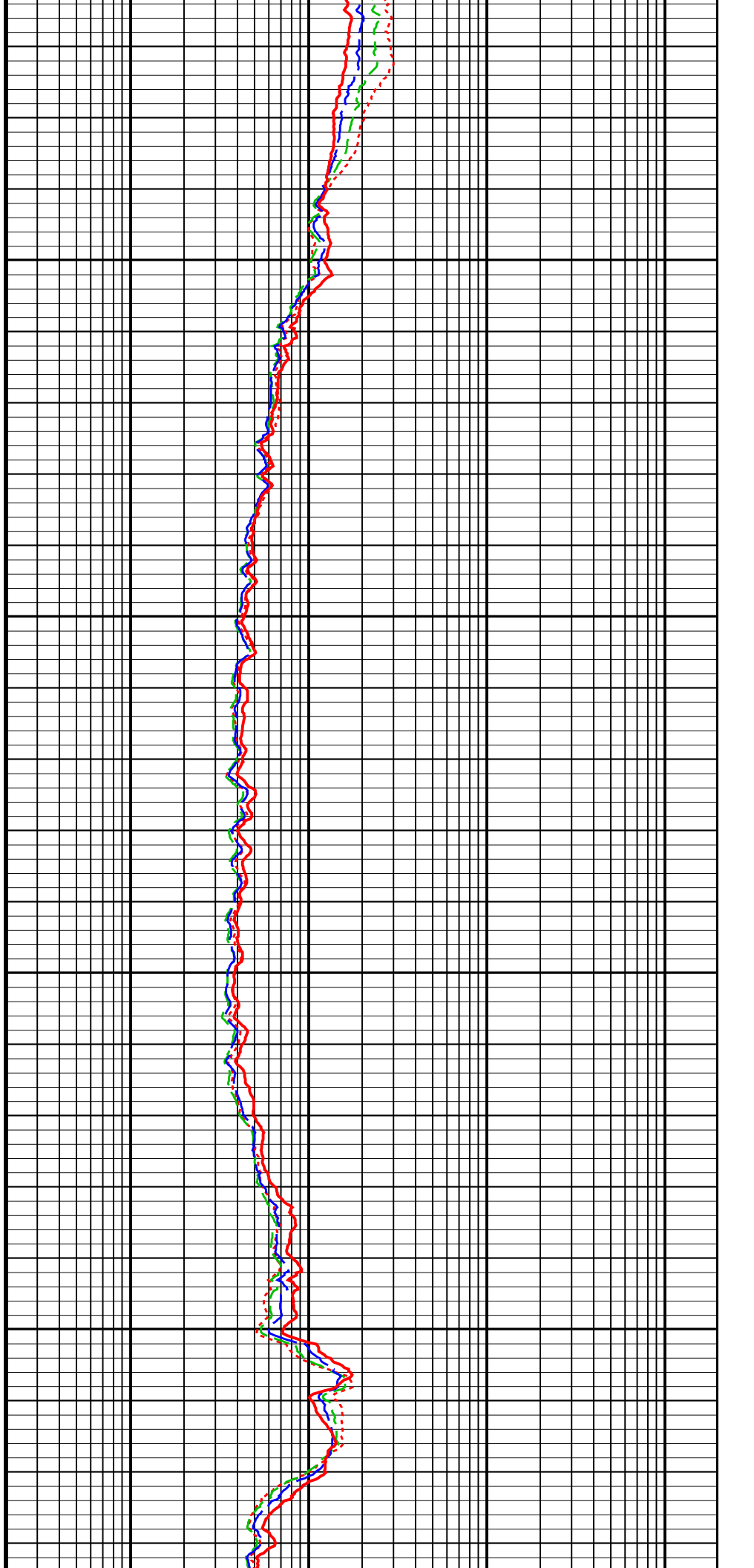


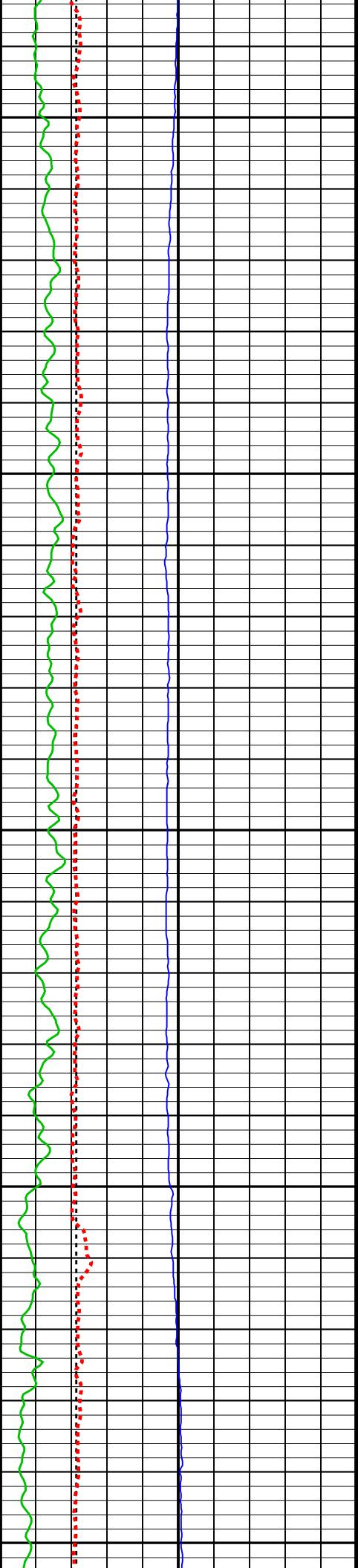




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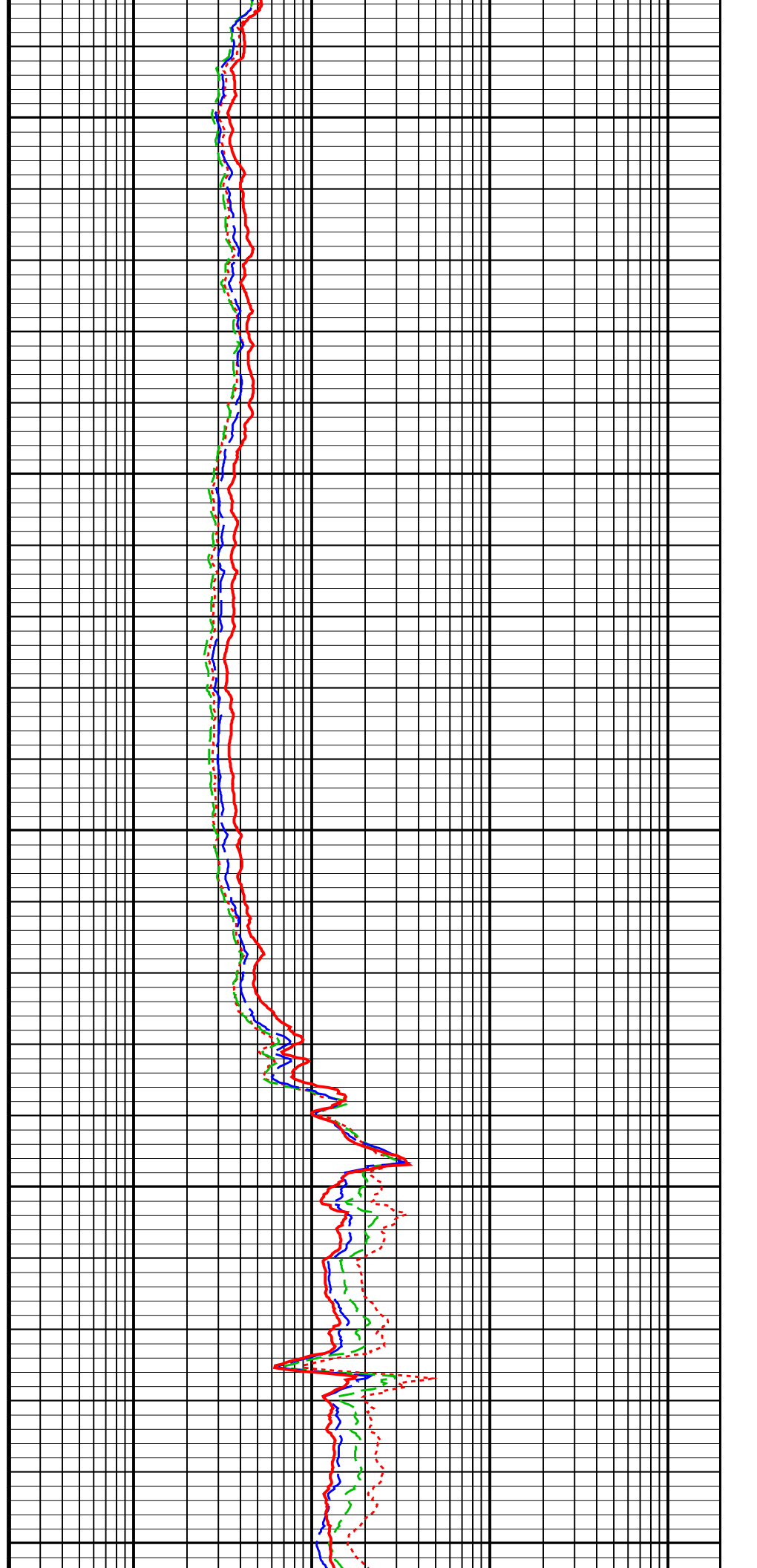
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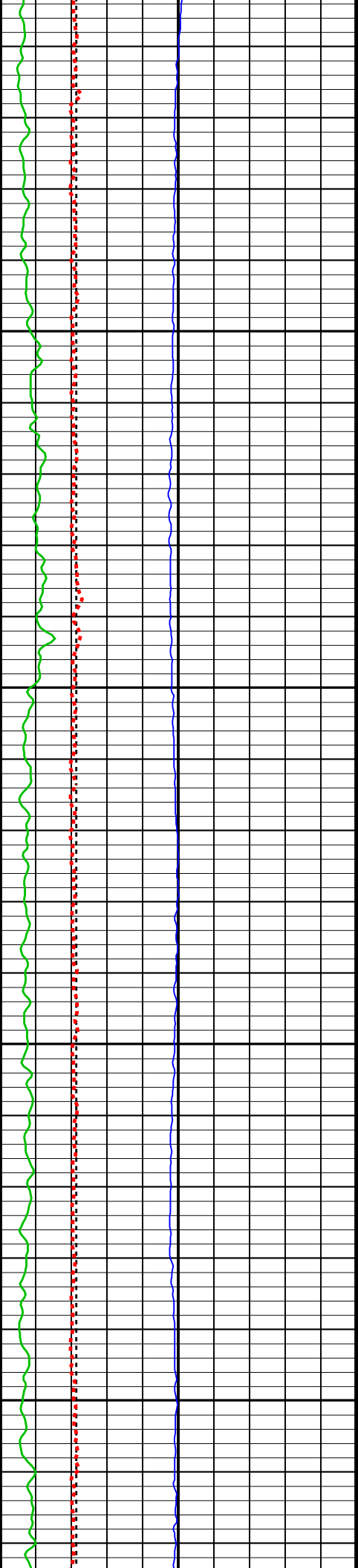




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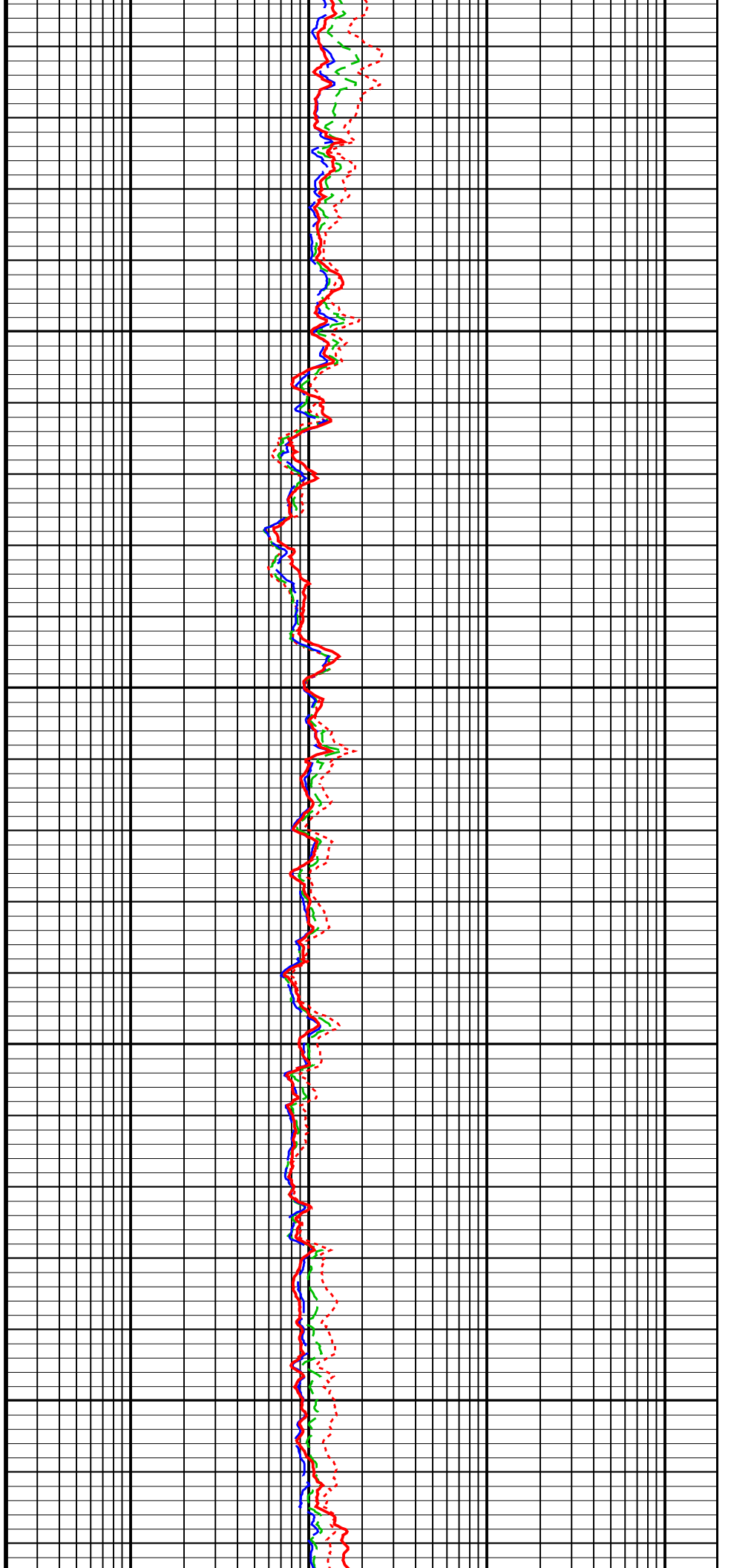
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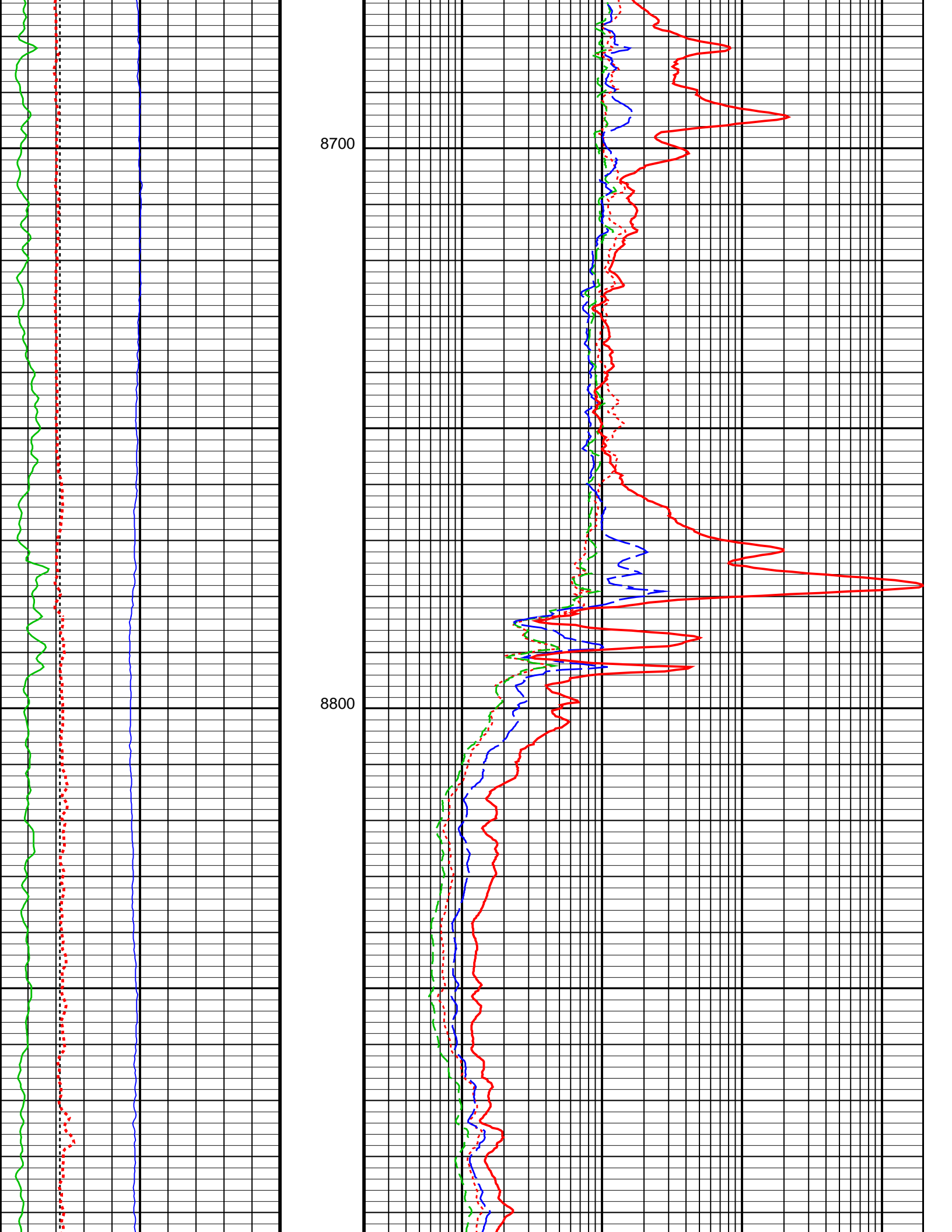


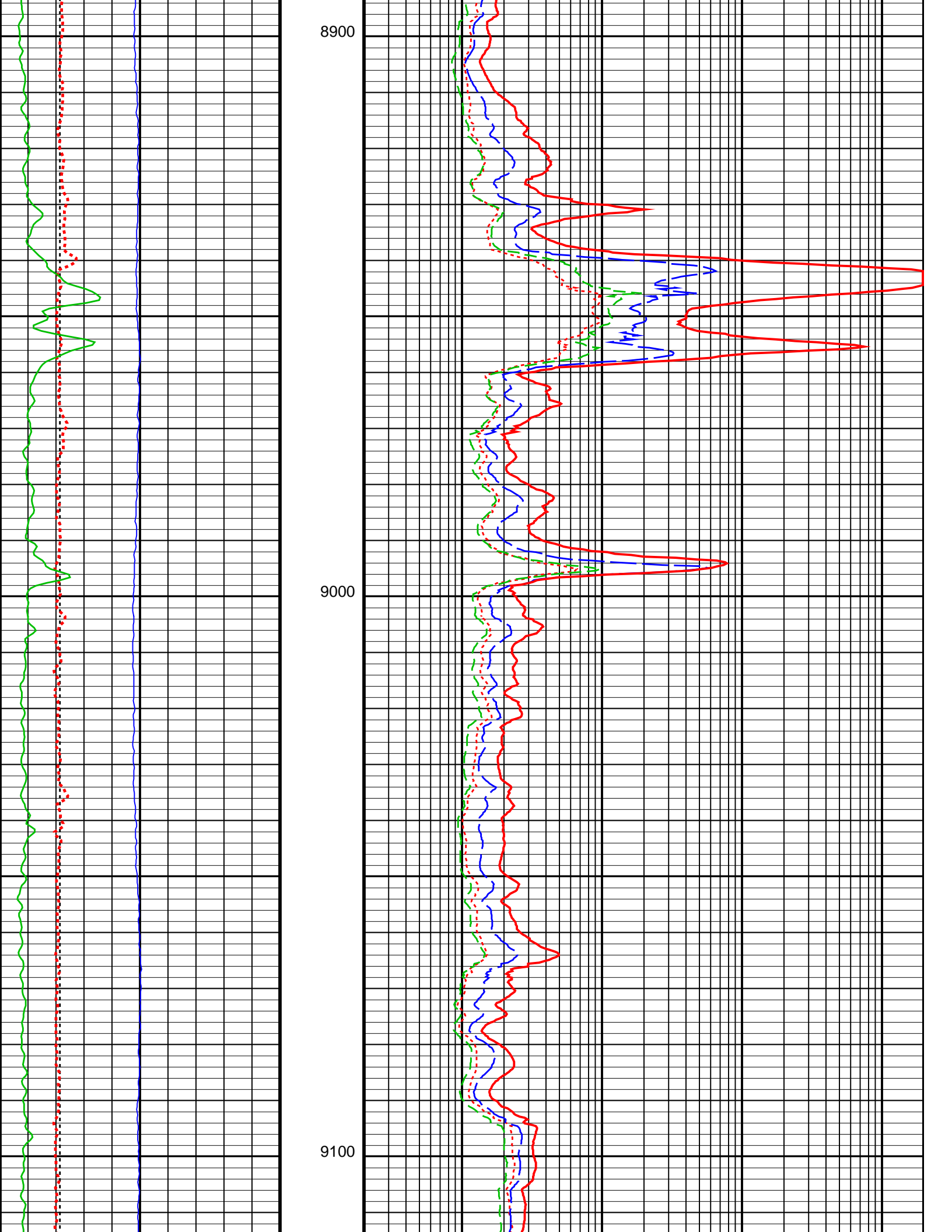


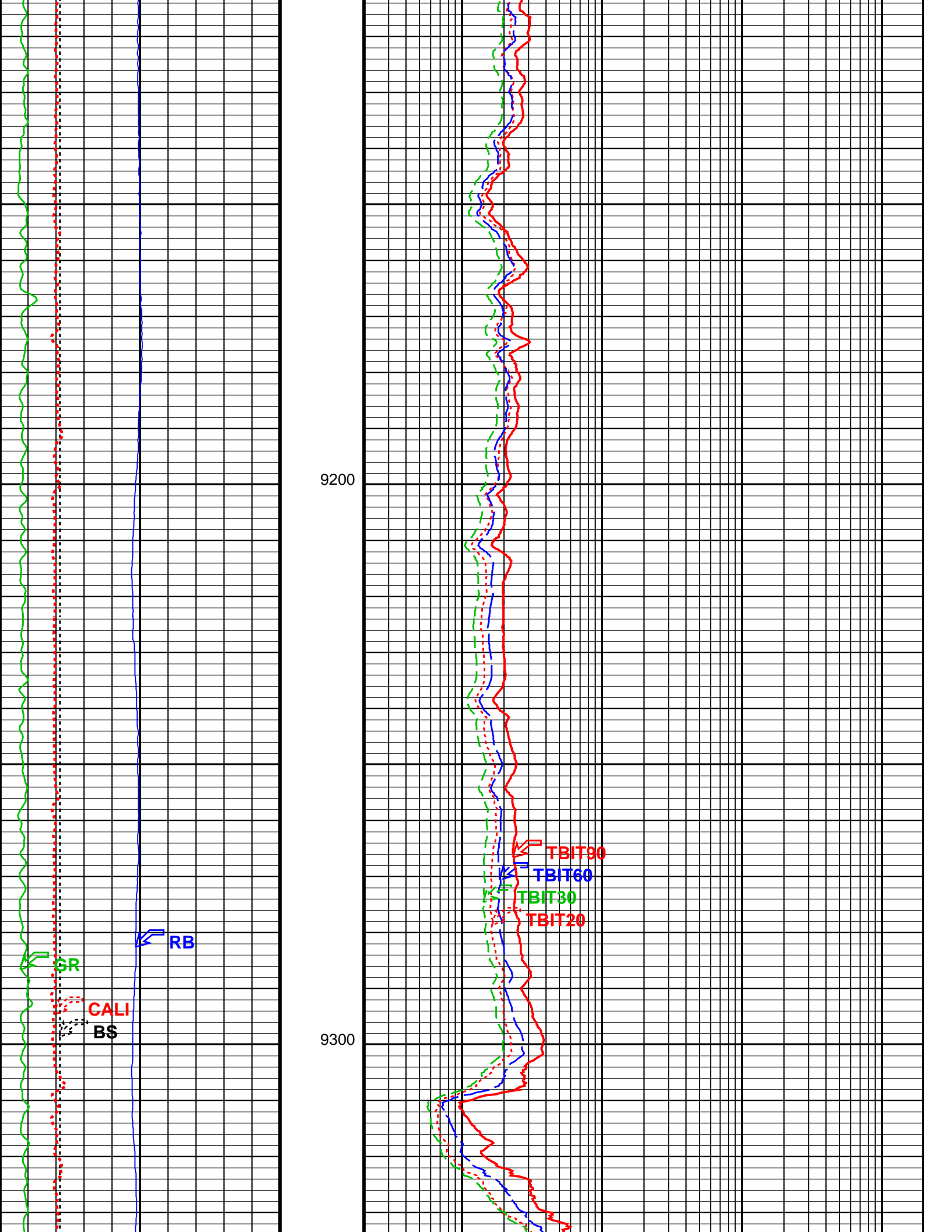
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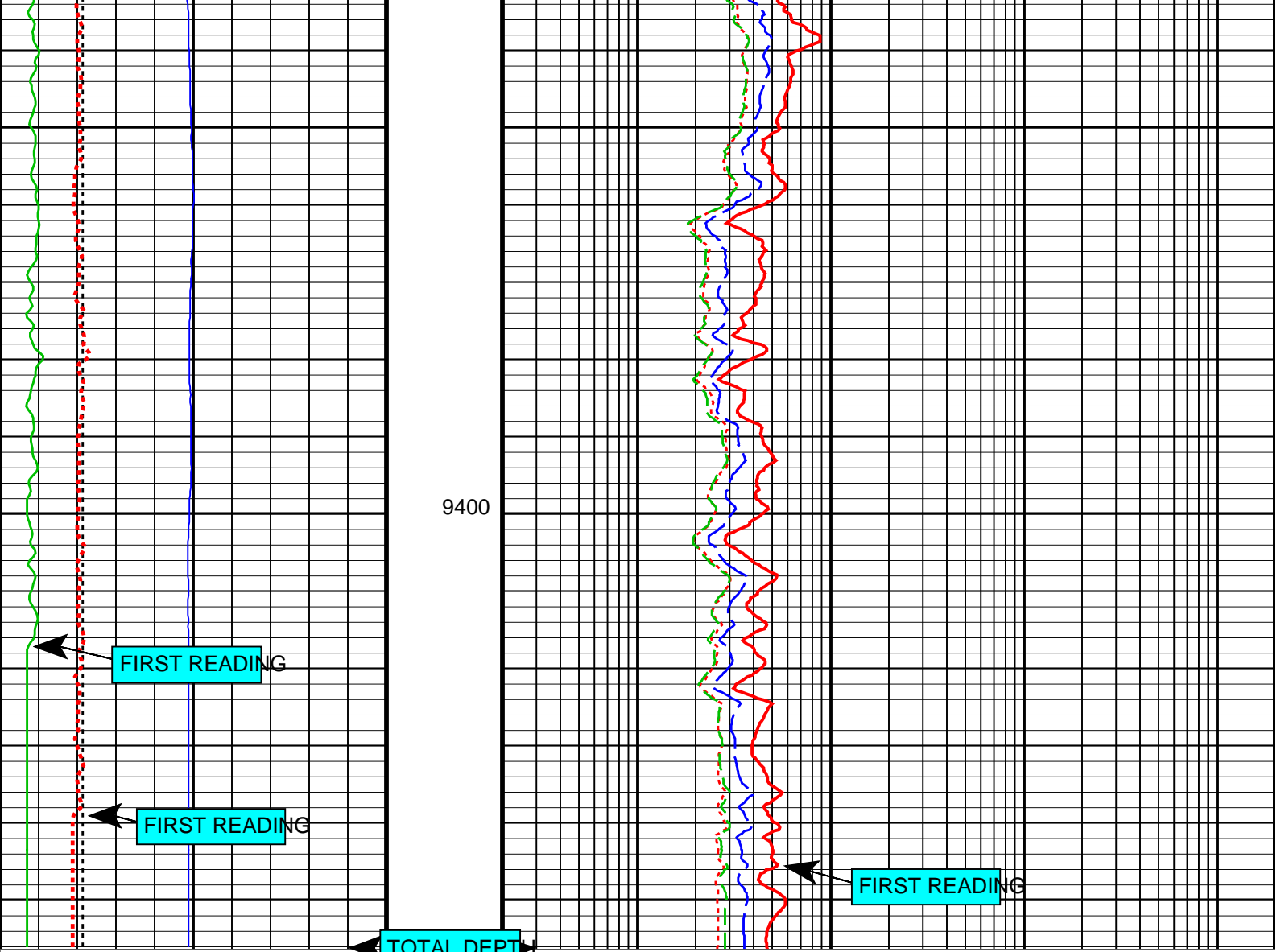
8600











0	Relative Bearing (RB) (DEG)	360	0.2	TBI 20 Inch Investigation (TBIT20) (OHMM)	2000
4	Bit Size (BS) (IN)	14	0.2	TBI 30 Inch Investigation (TBIT30) (OHMM)	2000
0	Gamma Ray (GR) (GAPI)	150	0.2	TBI 60 Inch Investigation (TBIT60) (OHMM)	2000
4	Caliper (CALI) (IN)	14	0.2	TBI 90 Inch Investigation (TBIT90) (OHMM)	2000

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
System and Miscellaneous		
BS	Bit Size	6.125 in

Input DLIS Files

DEFAULT

ThruBit_006PUP

FN:5

PRODUCER

27-Mar-2014 16:43

9456.5 FT

2599.5 FT



CALIBRATIONS

MAXIS Field Log

ThruBit String / Equipment Identification

Primary Equipment:

Induction Resistivity

Density

Gamma-Ray Logging Source

Thermal Neutron

Neutron Logging Source

Telemetry Memory GR

Battery

Battery

TBI - A

16

TBD - A

24

GGLS - FZ

3216

TBN - A

6

NNLS - EWA

4484

TMG - A

27

















TBAT -

35

TBAT -

13

Auxiliary Equipment:

ThruBit String Master Calibration					
TBI Master Calibration Sonde Errors					
Freq 1, A1, R	Value	Nominal	Freq 1, A1, X	Value	Nominal
	-457.625	-457.000		112.967	300.000
-536.000 (Minimum)	-387.000 (Maximum)		-500.000 (Minimum)	1100.00 (Maximum)	
Freq 1, A2, R	Value	Nominal	Freq 1, A2, X	Value	Nominal
	-146.666	-141.000		221.973	320.000
-162.000 (Minimum)	-120.000 (Maximum)		-75.0000 (Minimum)	700.000 (Maximum)	
Freq 1, A3, R	Value	Nominal	Freq 1, A3, X	Value	Nominal
	-26.5102	-28.0000		107.168	50.0000
-38.0000 (Minimum)	-18.0000 (Maximum)		-375.000 (Minimum)	475.000 (Maximum)	
Freq 1, A4, R	Value	Nominal	Freq 1, A4, X	Value	Nominal
	-16.6401	-16.0000		259.166	300.000
-24.0000 (Minimum)	-8.00000 (Maximum)		25.0000 (Minimum)	575.000 (Maximum)	
Freq 1, A5, R	Value	Nominal	Freq 1, A5, X	Value	Nominal
	-14.1077	-14.0000		128.345	150.000
-21.0000 (Minimum)	-7.00000 (Maximum)		25.0000 (Minimum)	275.000 (Maximum)	
Freq 2, A1, R	Value	Nominal	Freq 2, A1, X	Value	Nominal
	-236.044	-237.000		43.4501	150.000
-293.000 (Minimum)	-186.000 (Maximum)		-375.000 (Minimum)	675.000 (Maximum)	
Freq 2, A2, R	Value	Nominal	Freq 2, A2, X	Value	Nominal
	-95.3698	-92.0000		118.470	160.000
-106.000 (Minimum)	-76.0000 (Maximum)		-100.000 (Minimum)	425.000 (Maximum)	
Freq 2, A3, R	Value	Nominal	Freq 2, A3, X	Value	Nominal
	-20.2933	-21.0000		20.0920	-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		
			-19.5455	-20.0000			
-28.0000 (Minimum)	(Nominal)	-10.0000 (Maximum)		-75.0000 (Minimum)	(Nominal)	275.000 (Maximum)	
Freq 2, A5, R			Value	Nominal	Freq 2, A5, X		
			-19.1508	-20.0000			
-27.0000 (Minimum)	(Nominal)	-10.0000 (Maximum)		-125.000 (Minimum)	(Nominal)	75.0000 (Maximum)	
Freq 3, A1, R			Value	Nominal	Freq 3, A1, X		
			-147.072	-149.000			
-193.000 (Minimum)	(Nominal)	-108.000 (Maximum)		-375.000 (Minimum)	(Nominal)	425.000 (Maximum)	
Freq 3, A2, R			Value	Nominal	Freq 3, A2, X		
			-72.8328	-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		
			-16.6199	-17.0000			
-23.0000 (Minimum)	(Nominal)	-11.0000 (Maximum)		-300.000 (Minimum)	(Nominal)	125.000 (Maximum)	
Freq 3, A4, R			Value	Nominal	Freq 3, A4, X		
			-21.0722	-22.0000			
-31.0000 (Minimum)	(Nominal)	-11.0000 (Maximum)		-200.000 (Minimum)	(Nominal)	100.000 (Maximum)	
Freq 3, A5, R			Value	Nominal	Freq 3, A5, X		
			-21.8976	-22.0000			
-32.0000 (Minimum)	(Nominal)	-11.0000 (Maximum)		-250.000 (Minimum)	(Nominal)	-25.0000 (Maximum)	
Freq 4, A1, R			Value	Nominal	Freq 4, A1, X		
			-78.2752	-80.0000			
-108.000 (Minimum)	(Nominal)	-54.0000 (Maximum)		-450.000 (Minimum)	(Nominal)	75.0000 (Maximum)	
Freq 4, A2, R			Value	Nominal	Freq 4, A2, X		
			-52.8100	-50.0000			
-60.0000 (Minimum)	(Nominal)	-41.0000 (Maximum)		-200.000 (Minimum)	(Nominal)	50.0000 (Maximum)	
Freq 4, A3, R			Value	Nominal	Freq 4, A3, X		
			-13.5504	-14.0000			
-19.0000 (Minimum)	(Nominal)	-8.00000 (Maximum)		-350.000 (Minimum)	(Nominal)	-25.0000 (Maximum)	
Freq 4, A4, R			Value	Nominal	Freq 4, A4, X		
			-24.0733	-25.0000			
-37.0000 (Minimum)	(Nominal)	-11.0000 (Maximum)		-400.000 (Minimum)	(Nominal)	-75.0000 (Maximum)	
Freq 4, A5, R			Value	Nominal	Freq 4, A5, X		
			-27.8922	-28.0000			
-43.0000 (Minimum)	(Nominal)	-12.0000 (Maximum)		-475.000 (Minimum)	(Nominal)	-125.000 (Maximum)	

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ThruBit String Master Calibration							
TBI Master Calibration COMPLEX GAINS							
Freq 1, R			Value	Nominal	Freq 1, X		
			0.9918	1.000			
			0.9952	1.000			
			1.003	1.000			
			0.9919	1.000			
			0.9965	1.000			
0.9500 (Minimum)	(Nominal)	1.050 (Maximum)			-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)
Freq 2, R			Value	Nominal	Freq 2, X		







		0.9867	1.000			-0.008212	0		
		0.9899	1.000			-0.006485	0		
		0.9919	1.000			-0.007312	0		
		0.9875	1.000			-0.005491	0		
		0.9934	1.000			-0.009135	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
			0.9932	1.000			-0.002411	0	
			0.9967	1.000			-0.0007500	0	
			0.9986	1.000			-0.001762	0	
			0.9923	1.000			-0.0005145	0	
			1.001	1.000			-0.003652	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
			1.004	1.000			-0.01244	0	
			1.006	1.000			-0.01187	0	
			1.011	1.000			-0.01484	0	
			1.002	1.000			-0.01249	0	
			1.020	1.000			-0.01775	0	
0.9300 (Minimum)	(Nominal)	1.070 (Maximum)		-0.05000 (Minimum)	(Nominal)	0.05000 (Maximum)			

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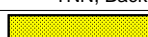








ThruBit String Master Calibration								
TBD Caliper Master Calibration								
Caliper 12in Ring IN	Value	Nominal	Caliper 9in Ring IN	Value	Nominal	Caliper 6in Ring IN	Value	Nominal
	1896.4	1949.8		2056.1	2096.7		2210.8	2285.7
1799.8 (Minimum)	(Nominal)	2099.8 (Maximum)	1946.7 (Minimum)	(Nominal)	2246.7 (Maximum)	2135.7 (Minimum)	(Nominal)	2435.7 (Maximum)

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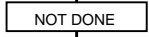
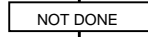
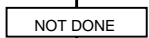
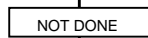
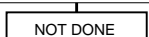
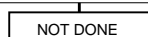
ThruBit String Master Calibration						
TBD Density Master Calibration. PEEK Window, ThruBit blocks						
Aluminium Density G/C3	Value	Nominal	Magnesium Density G/C3	Value	Nominal	
	2.607	2.607		1.752	1.752	
2.557 (Minimum)	(Nominal)	2.657 (Maximum)	1.702 (Minimum)	(Nominal)	1.802 (Maximum)	
LS1 Background CPS	Value	Nominal	SS1 Background CPS	Value	Nominal	
	140.87	150.00		156.41	150.00	
130.00 (Minimum)	(Nominal)	170.00 (Maximum)	130.00 (Minimum)	(Nominal)	170.00 (Maximum)	
LS4 Background CPS	Value	Nominal	SS1 Aluminium CPS	Value	Nominal	
	30.48	31.00	EXCEEDS LIMIT	4234.44	4900.00	
27.00 (Minimum)	(Nominal)	35.00 (Maximum)	4500.00 (Minimum)	(Nominal)	5500.00 (Maximum)	
LS1 Aluminium CPS	Value	Nominal	SS1 Magnesium CPS	Value	Nominal	
	831.41	850.00	EXCEEDS LIMIT	6996.90	8000.00	
750.00 (Minimum)	(Nominal)	950.00 (Maximum)	7000.00 (Minimum)	(Nominal)	9000.00 (Maximum)	
LS4 Aluminium CPS	Value	Nominal				
	967.84	955.00				
843.00 (Minimum)	(Nominal)	1068.0 (Maximum)				
LS1 Al + Sleeve CPS	Value	Nominal				
	748.66	725.00				
650.00 (Minimum)	(Nominal)	800.00 (Maximum)				

LS4 AI + Sleeve CPS		Value	Nominal
		479.98	426.50
382.00 (Minimum)	471.00 (Nominal)	471.00 (Maximum)	
LS1 Magnesium CPS		Value	Nominal
		5379.44	5750.00
5250.00 (Minimum)	6250.00 (Nominal)	6250.00 (Maximum)	
SS Slope		Value	Nominal
		1.634	1.645
1.520 (Minimum)	1.770 (Nominal)	1.770 (Maximum)	
LS Slope		Value	Nominal
		0.4188	0.4150
0.3800 (Minimum)	0.4500 (Nominal)	0.4500 (Maximum)	
Pef K Factor		Value	Nominal
		4.924	4.840
3.510 (Minimum)	6.170 (Nominal)	6.170 (Maximum)	
Pef B Factor		Value	Nominal
		-0.6690	-0.5550
-0.7000 (Minimum)	-0.4100 (Nominal)	-0.4100 (Maximum)	

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ThruBit String Master Calibration					
Thermal Neutron Master Calibration					
TNF, Background CPS		Value	Nominal	TNN, Background CPS	
		0.31	1.0		
0 (Minimum)	2.0 (Nominal)	2.0 (Maximum)		0 (Minimum)	2.0 (Nominal)
TNF, Tank CPS		Value	Nominal	TNN, Tank CPS	
		70.73	96.00		
25.00 (Minimum)	200.0 (Nominal)	200.0 (Maximum)		750.0 (Minimum)	5700.0 (Nominal)
TNF, Tank + AI Sleeve CPS		Value	Nominal	TNN, Tank + AI Sleeve CPS	
		2336.5	3040.0		
727.00 (Minimum)	6080.0 (Nominal)	6080.0 (Maximum)		8000.0 (Minimum)	64700.0 (Nominal)
Tank + AI Sleeve Ratio		Value	Nominal	Tank + AI Sleeve Porosity PU	
		11.034	10.797		
10.300 (Minimum)	11.300 (Nominal)	11.300 (Maximum)		13.40 (Minimum)	15.40 (Nominal)
Tank, Ratio		Value	Nominal	Tank, Temperature DEGF	
		28.942	30.958		
28.000 (Minimum)	34.000 (Nominal)	34.000 (Maximum)		20.0 (Minimum)	120 (Nominal)

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ThruBit String Master Calibration					
TMG Accelerometer Calibration					
Minimum Ax, m/s2		Value	Nominal	Maximum Ax, m/s2	
		N/A	-9.810		
-10.81 (Minimum)	-8.810 (Nominal)	-8.810 (Maximum)		8.810 (Minimum)	10.81 (Nominal)
Minimum Ay, m/s2		Value	Nominal	Maximum Ay, m/s2	
		N/A	-9.810		
-10.81 (Minimum)	-8.810 (Nominal)	-8.810 (Maximum)		8.810 (Minimum)	10.81 (Nominal)
Minimum Az, m/s2		Value	Nominal	Maximum Az, m/s2	
		N/A	0		
-1.000 (Minimum)	1.000 (Nominal)	1.000 (Maximum)		8.810 (Minimum)	10.81 (Nominal)
DR Offset, degrees		Value	Nominal		

RB Offset, degrees	value	Nominal
	-17.00	0
-360.0 (Minimum)		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
	26.71	30.00		153.5	162.7
0 (Minimum)		120.0 (Maximum)	130.2 (Minimum)		195.2 (Maximum)
Master: 19-Mar-2014 15:34					

Company: **SANDRIDGE ENERGY**

Well: **GEORGE 3406 1-9H**
 Field: **EASTHAM**
 County: **HARPER**
 State: **KANSAS**



ARRAY INDUCTION
 GAMMA RAY
 MEMORY LOG



MAIN PASS

MAXIS Field Log

Company: SANDRIDGE ENERGY Well: GEORGE 3406 1-9H

Input DLIS Files

DEFAULT ThruBit_006PUP FN:5 PRODUCER 27-Mar-2014 16:43 9456.5 FT 2599.5 FT

OP System Version: 19C2-270

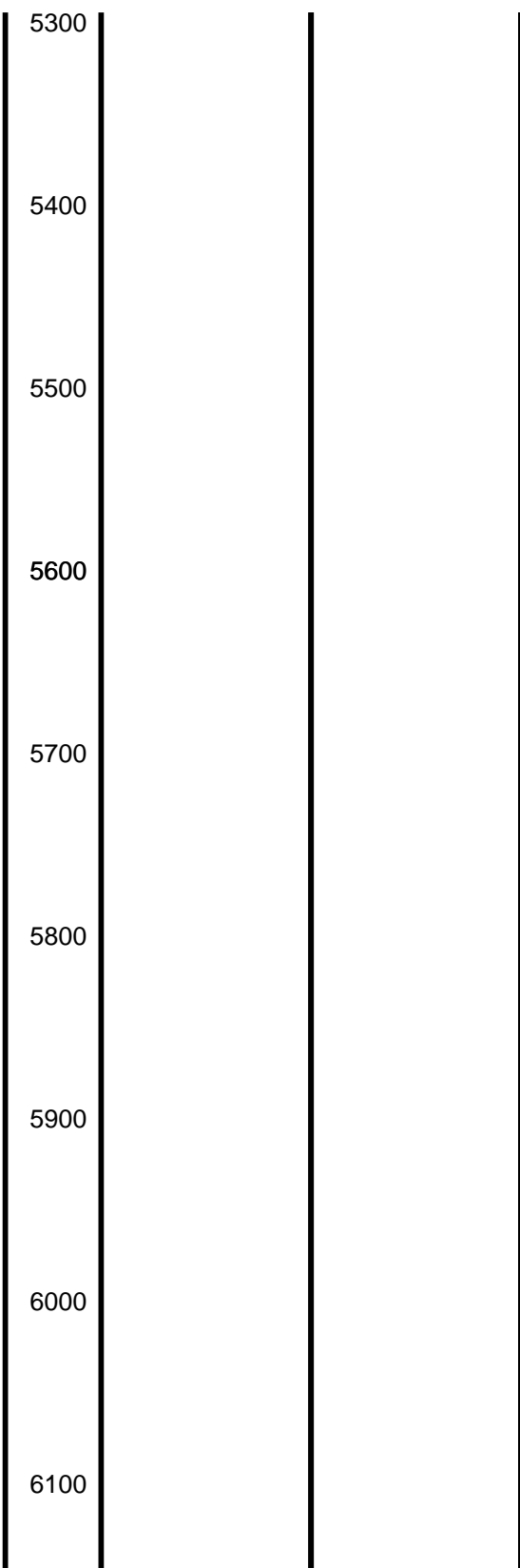
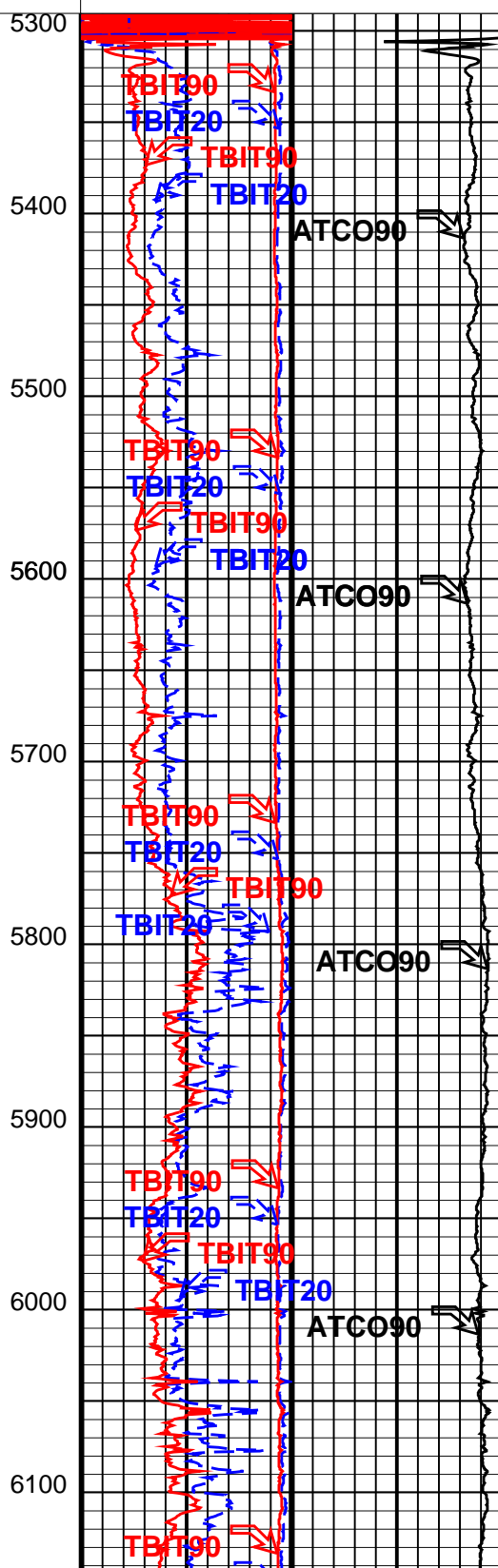
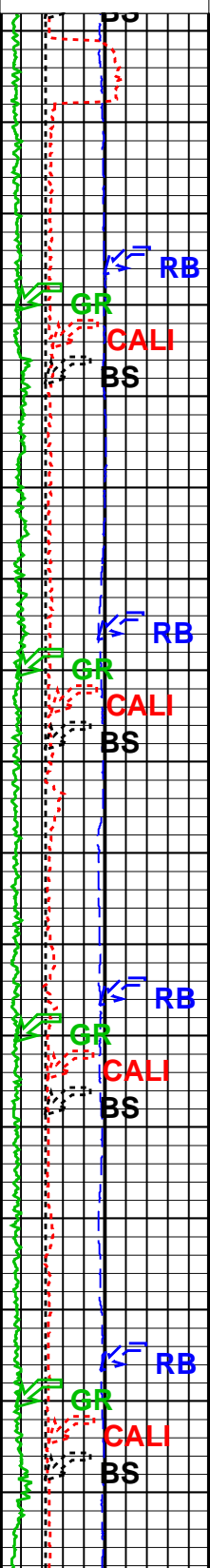
TBT SRPC-5292-ThruBit_RevA

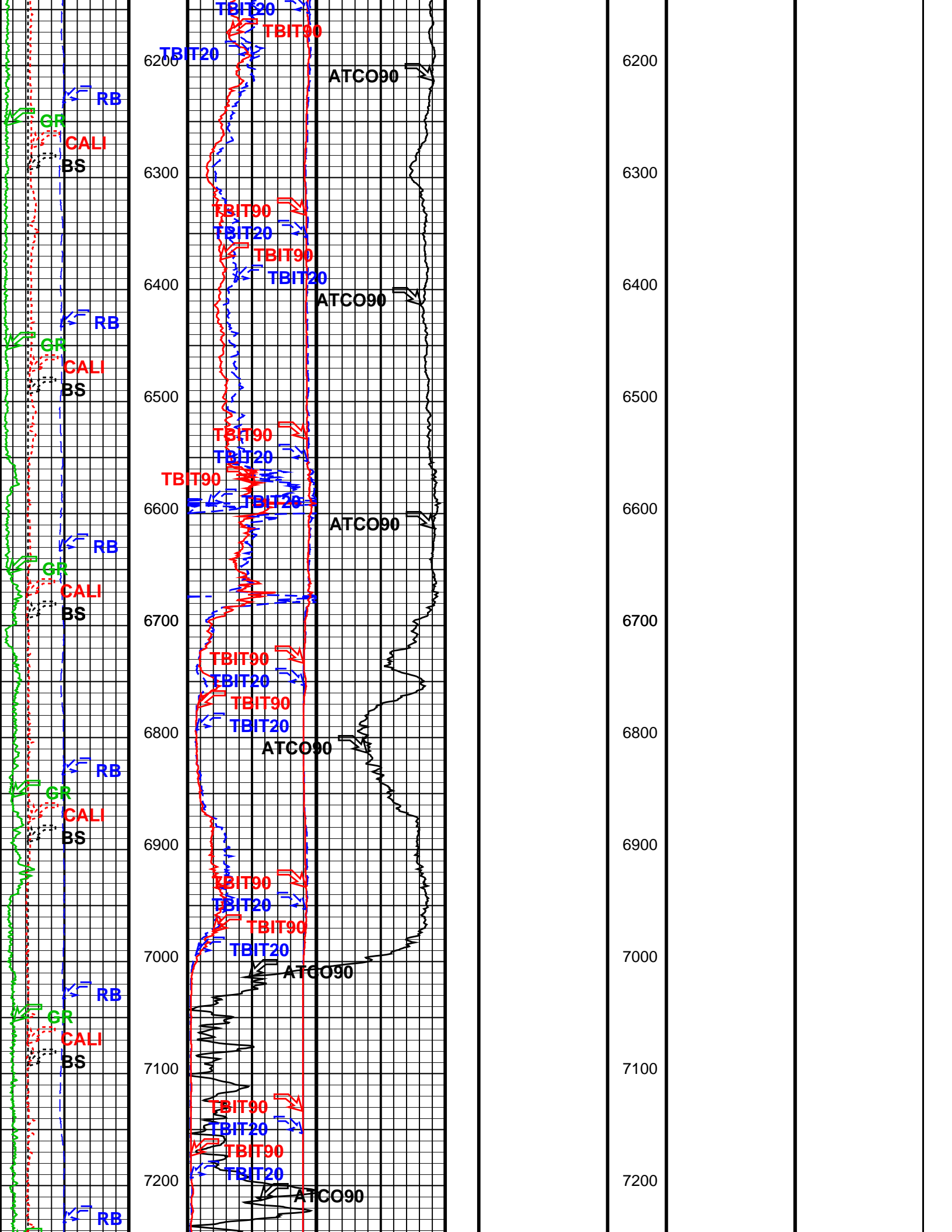
Relative Bearing	TBI 90 Inch Investigation (TBIT90) 50 (OHMM) 500
	TBI 20 Inch Investigation

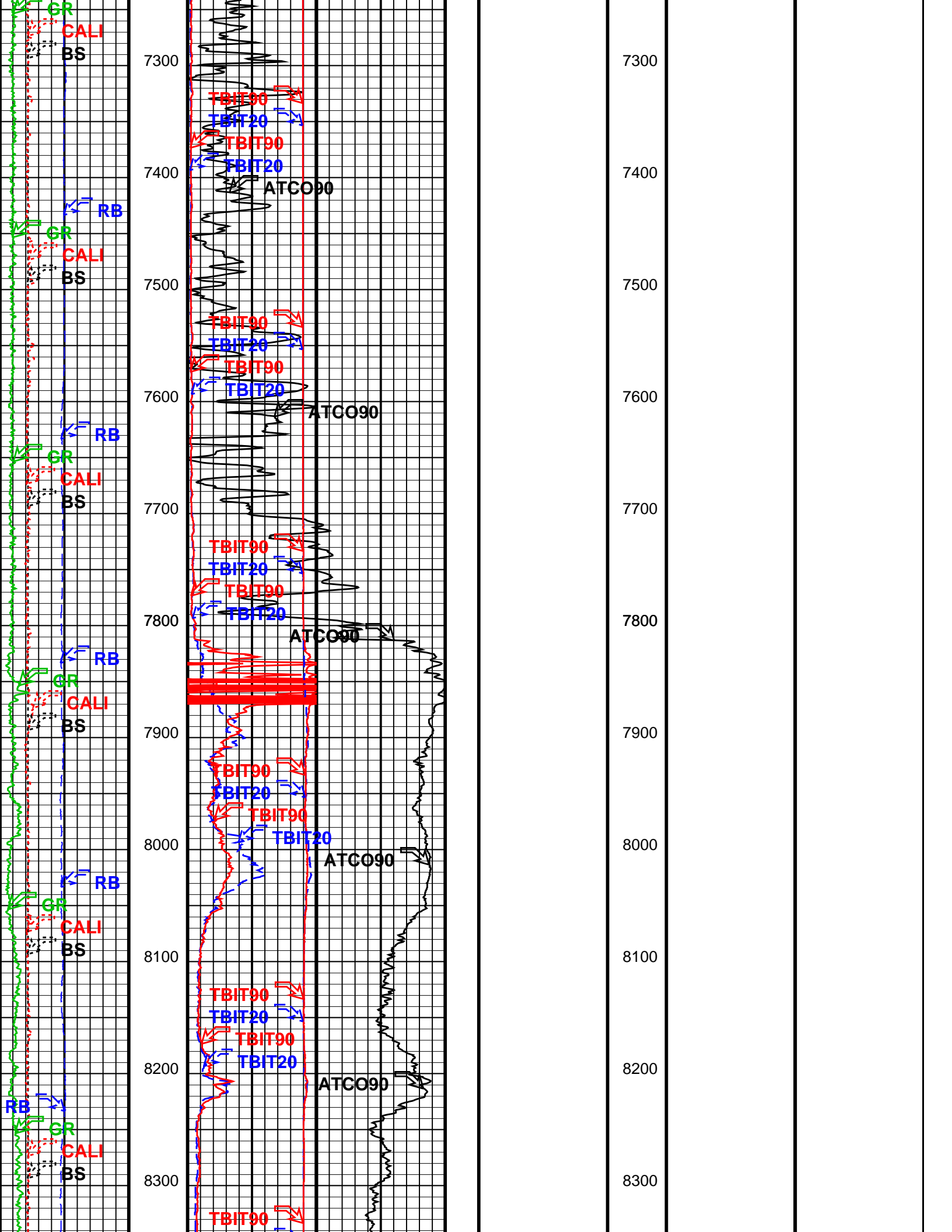
(RB)	0	(DEG)	360
Gamma Ray (GR)	0	(GAPI)	150
Caliper (CALI)	4	(IN)	14
Bit Size (BS)	4	(IN)	14

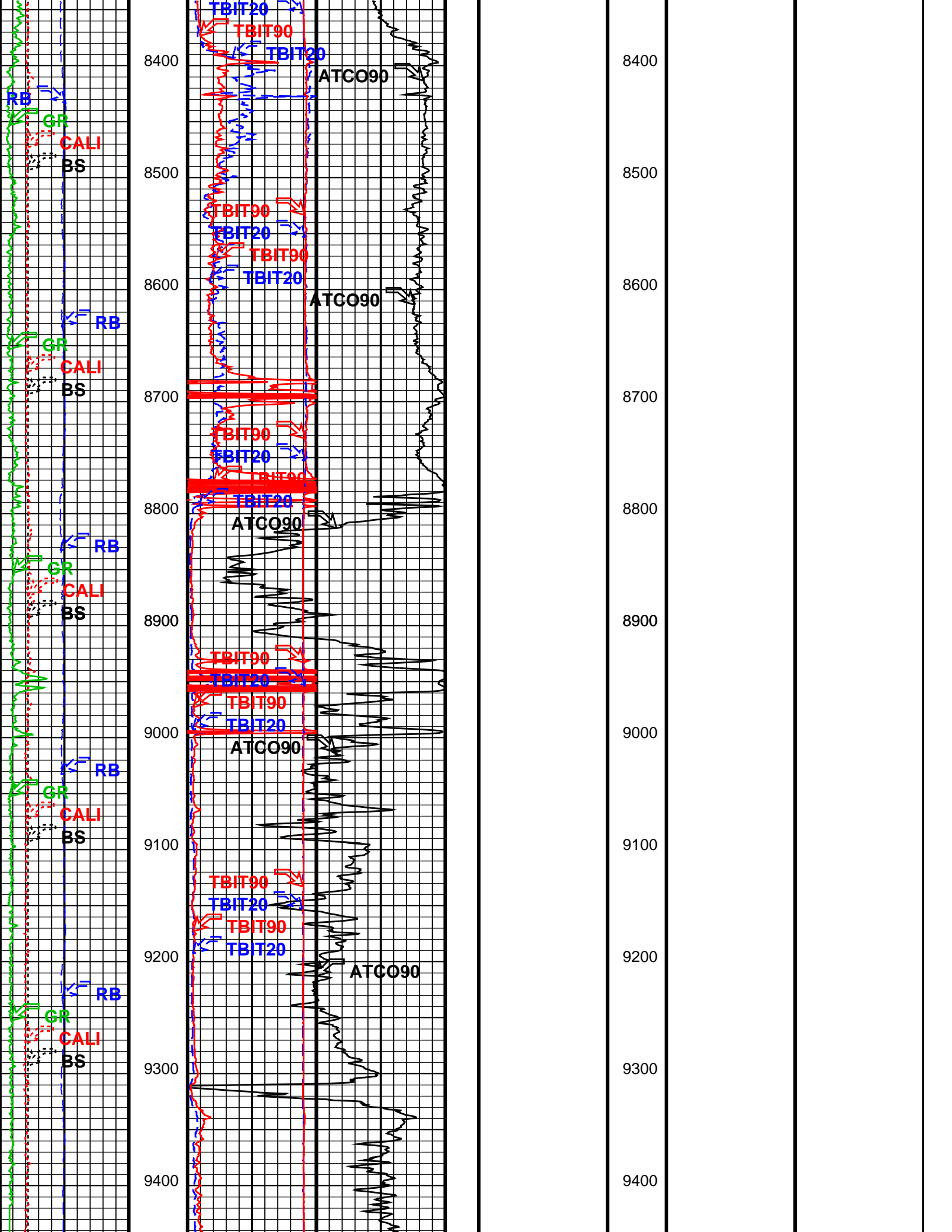
Investigation (TBIT20)	50	(OHMM)	500
TBI 90 Inch Investigation (TBIT90)	0	(OHMM)	50
TBI 20 Inch Investigation (TBIT20)	0	(OHMM)	50

Curve (ATCO90)	1000	(MM/M)	0
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Bit Size (BS) 4 (IN) 14	Curve (ATCO90) 1000 (MM/M) 0	
Caliper (CALI) 4 (IN) 14	TBI 20 Inch Investigation (TBIT20) 0 (OHMM) 50	
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) 50 (OHMM) 500	
	TBI 90 Inch Investigation (TBIT90) 50 (OHMM) 500	

Format: TB_1INCH_HALFSCALE Vertical Scale: 1" per 100' Graphics File Created: 27-Mar-2014 17:06

OP System Version: 19C2-270

TBT SRPC-5292-ThruBit_RevA

Input DLIS Files

DEFAULT ThruBit_006PUP FN:5 PRODUCER 27-Mar-2014 16:43 9456.5 FT 2599.5 FT