



Potassium										
Environmental data										
GR										
Mud weight	ppg	8.5								
Bit size	in.	9.875								
Resistivity										
Neutron porosity										
Hole Size	in.	9.875								
Mud weight	ppg	8.5								
Temperature	°C									
Mud salinity										
Formation salinity										
Recording rate 1	SEC	GR/Res/10								
Recording rate 2	SEC	Neu/Den/10								
Filtering GR		3 points								
Filtering density		3 points								
Filtering Neutron		3 points								
Company representative	D. Goldberg	S. Saito								
Anadrill personnel	N. Thaiprasert	G. Ong								

**DISCLAIMER**

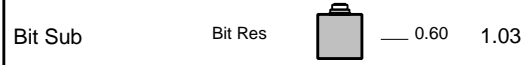
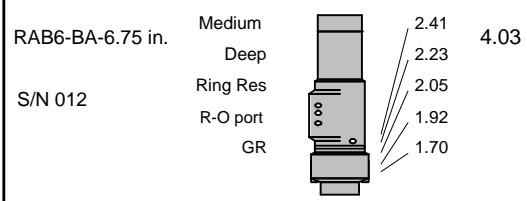
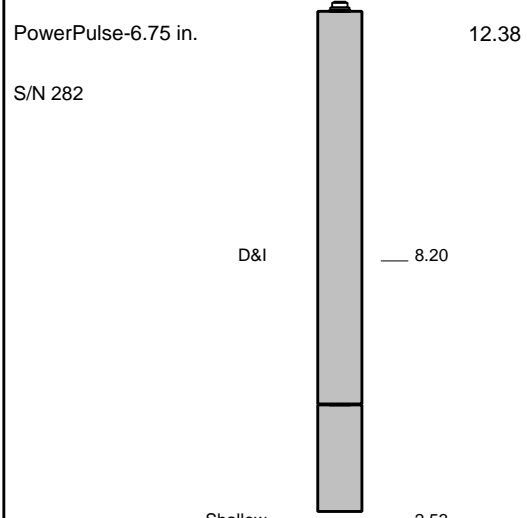
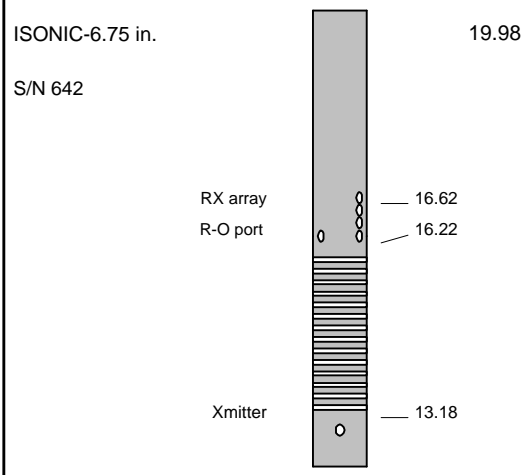
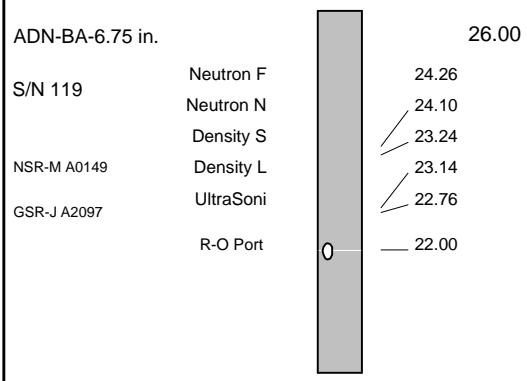
THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (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 SERVICES FOR RUN 1	OTHER SERVICES FOR RUN	OTHER SERVICES FOR RUN
REMARKS: RUN NUMBER 1 Depth reference is Driller's depth.  Sensor offsets and tools' serial number are described on the toolsketch below.  Gamma Ray measurement is corrected for mud weight and bit size.  RING_resistivity measurement are environmentally corrected.  BIT_resistivity is good for qualitative interpretation only.  Neutron Porosity is environmentally corrected for mud salinity, matrix density, temperature, bit size and tool size.  Maximum bottom hole temperature was 65.88°C.  Total depth was 5744 m.	REMARKS: RUN NUMBER	REMARKS: RUN NUMBER

**EQUIPMENT DESCRIPTION**

RUN1	RUN	RUN

DOWNHOLE EQUIPMENT



MAXIMUM STRING DIAMETER 9.875 in.

ALL LENGTHS IN METERS

# Input DLIS Files

RAB .005

FN:4

27-May-2001 23:18

15283.5 FT

18846.2 FT

## IDEAL Version: ID6\_1C\_08

IDF

Format: RAB ADN Vertical Scale: 1:500

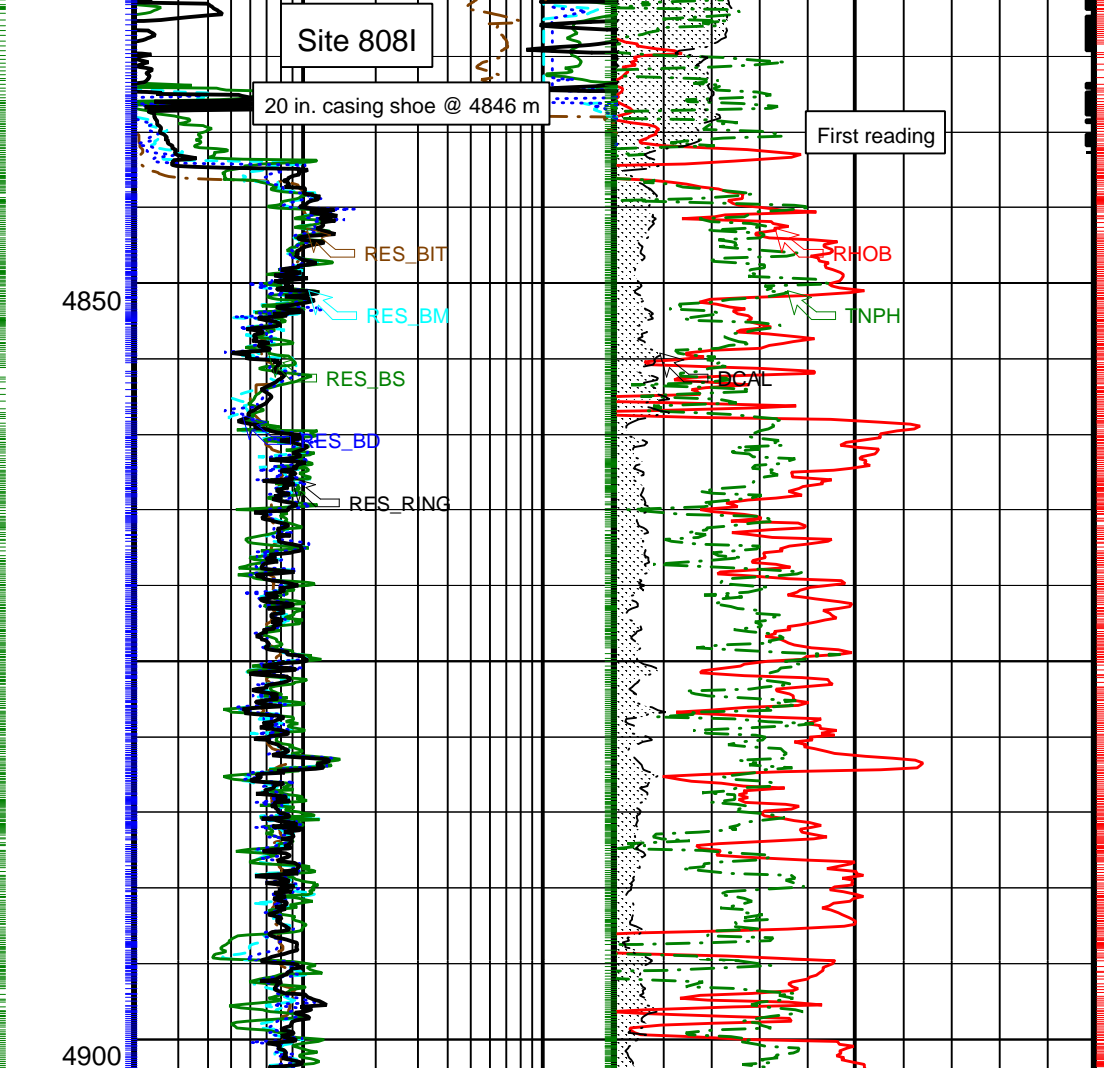
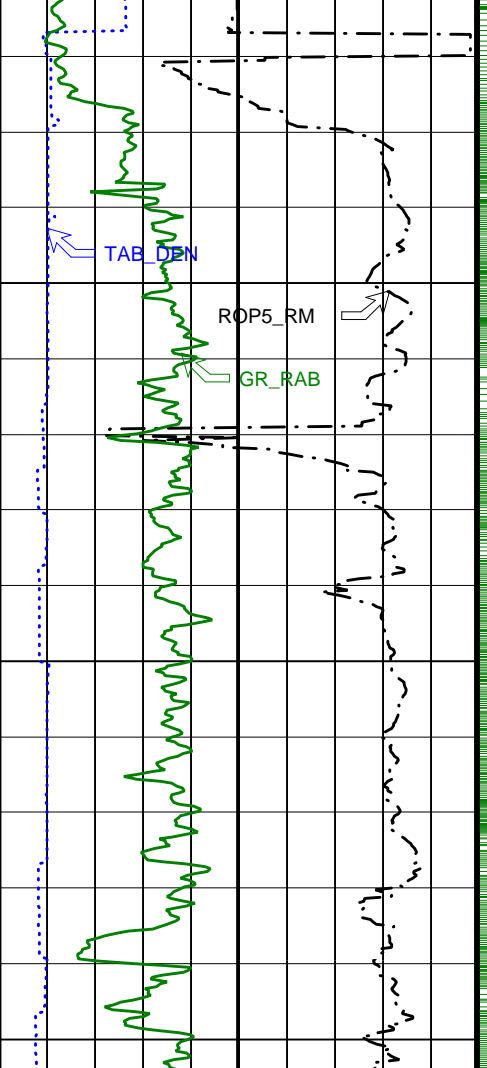
Graphics File Created: 27-May-2001 23:48

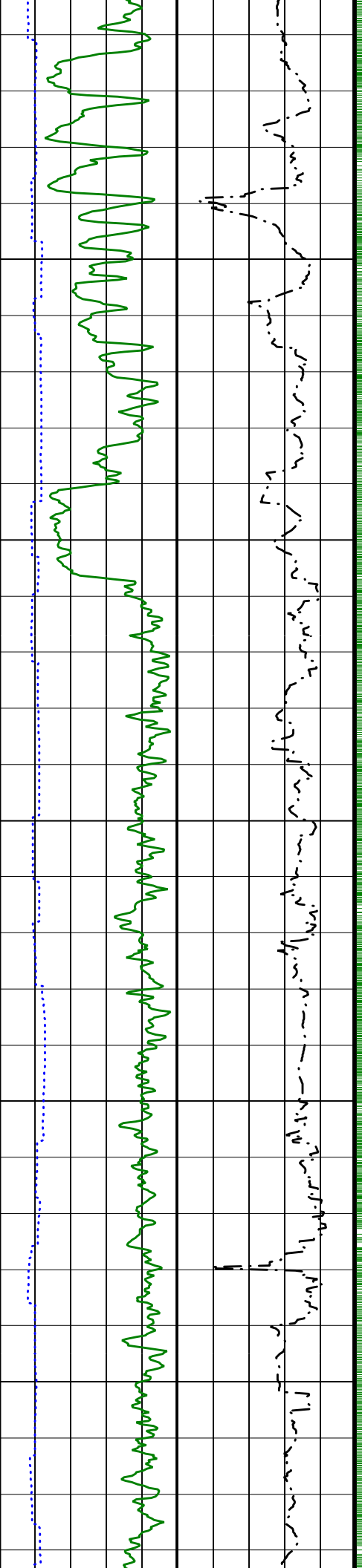
### PIP SUMMARY

Density Ticks, 0.1-ft

- + Gamma Ray Samples
- + Neutron Ticks, 0.1-ft
- + RAB samples

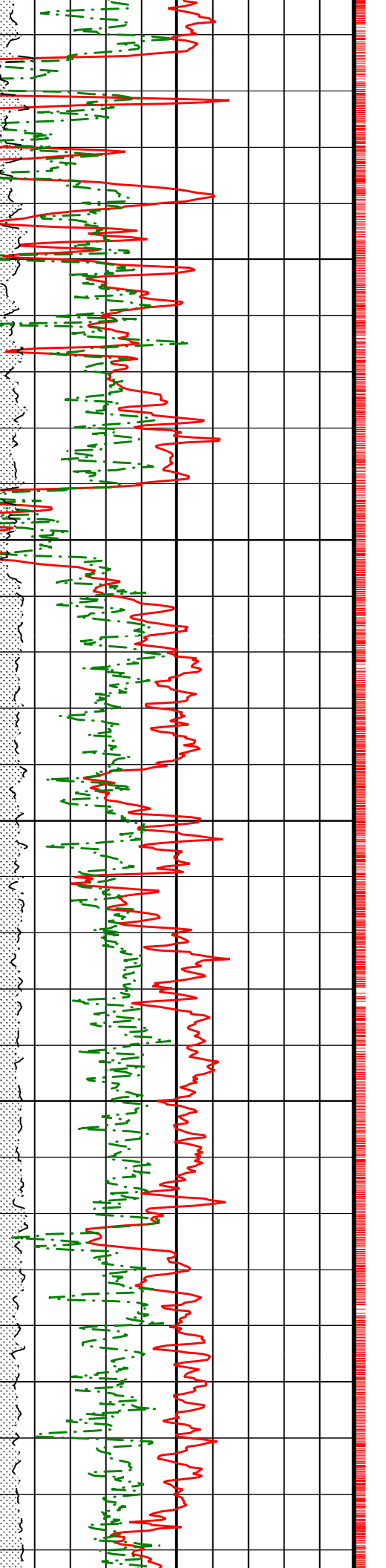
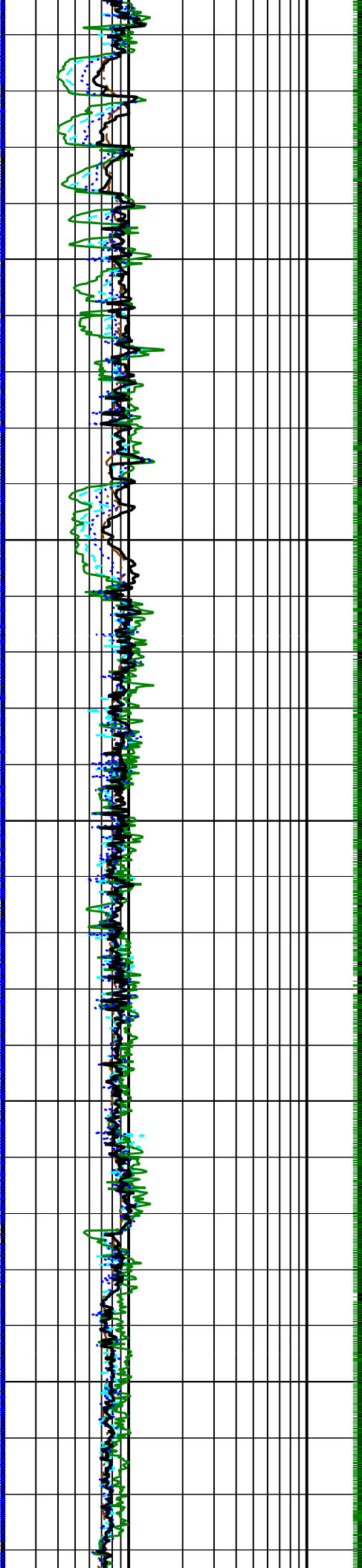
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	<b>Bit Resistivity, Real-Time (RES_BIT_RT)</b> 0.2 (OHMM) 20	
	<b>Deep Button Resistivity (RES_BD)</b> 0.2 (OHMM) 20	
<b>Rate of Penetration, Averaged over Last 5ft (ROP5_RM)</b> 200 (M/HR) 0	<b>Shallow Button Resistivity (RES_BS)</b> 0.2 (OHMM) 20	<b>Differential Caliper (DCAL)</b> 0 (IN) 20
<b>RAB Gamma Ray (GR_RAB)</b> 0 (GAPI) 150	<b>Medium Button Resistivity (RES_BM)</b> 0.2 (OHMM) 20	<b>Thermal Neutron Porosity (TNPH)</b> 75 (PU) 15
<b>Density Time After Bit (TAB_DEN)</b> 0 (HR) 10	<b>Bit Resistivity (RES_BIT)</b> 0.2 (OHMM) 20	<b>Bulk Density (RHOB)</b> 1.4 (G/C3) 2.4

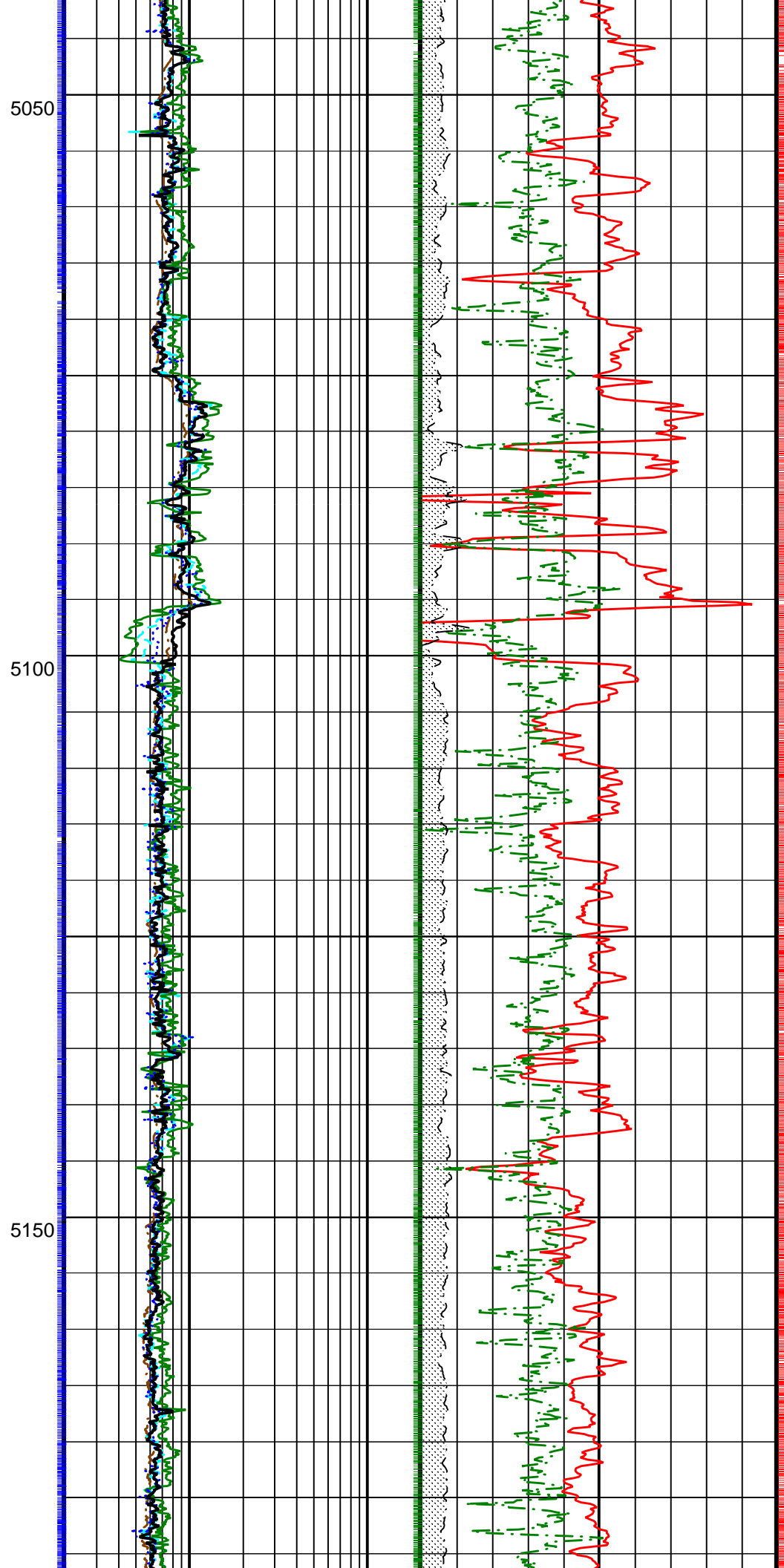
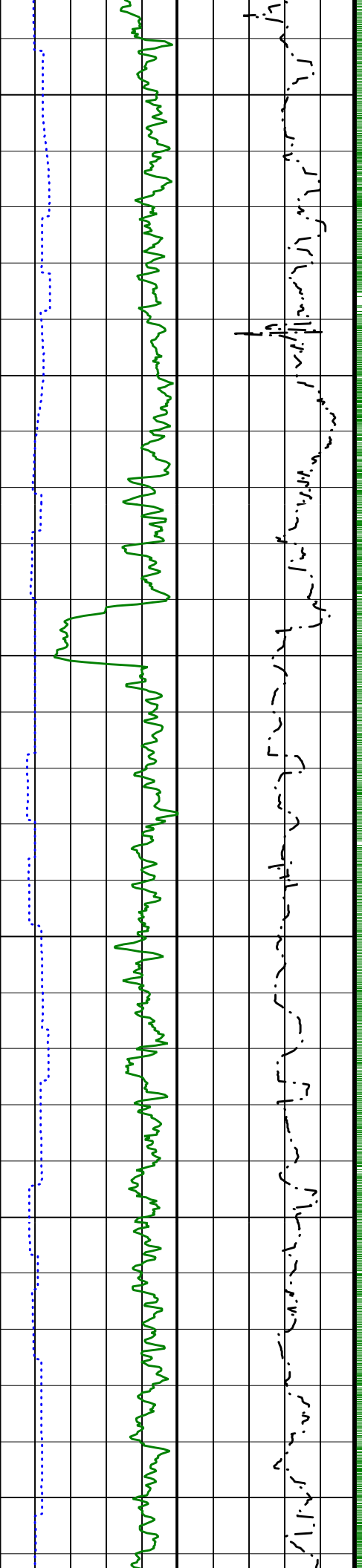




4950

5000

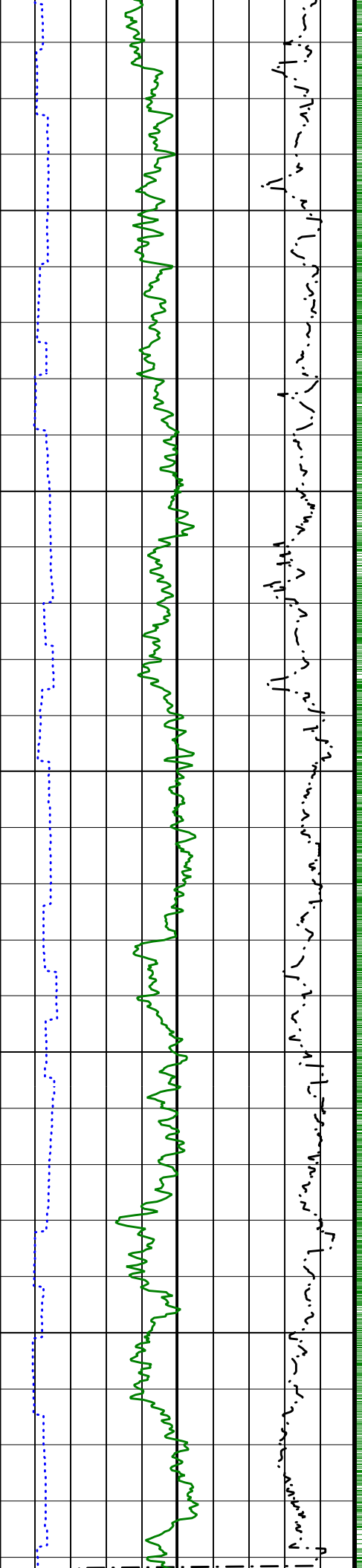




5050

5100

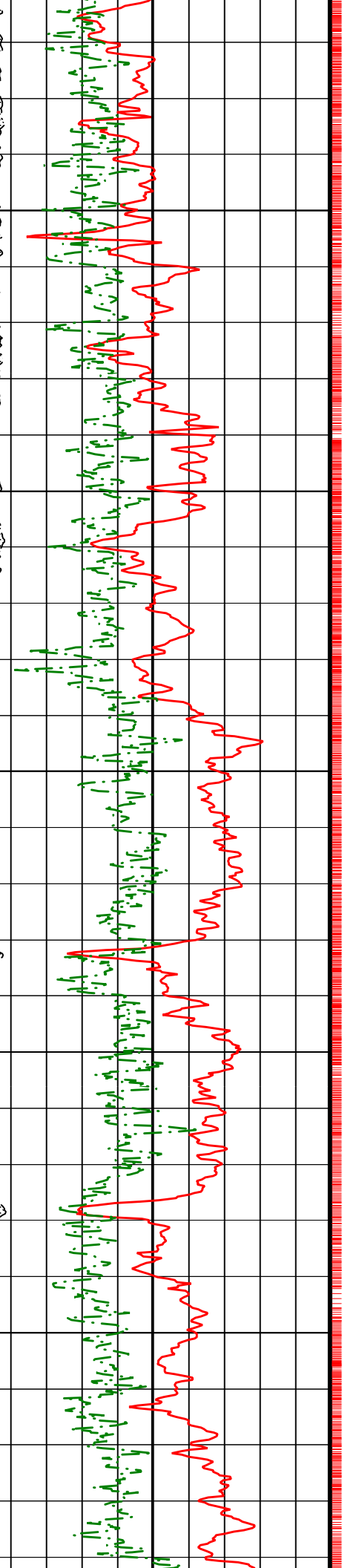
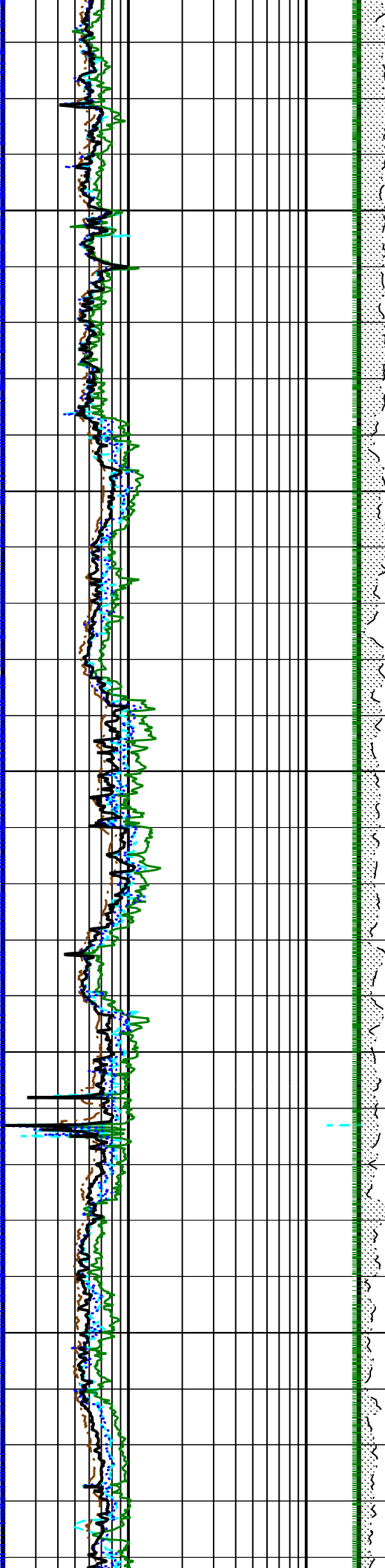
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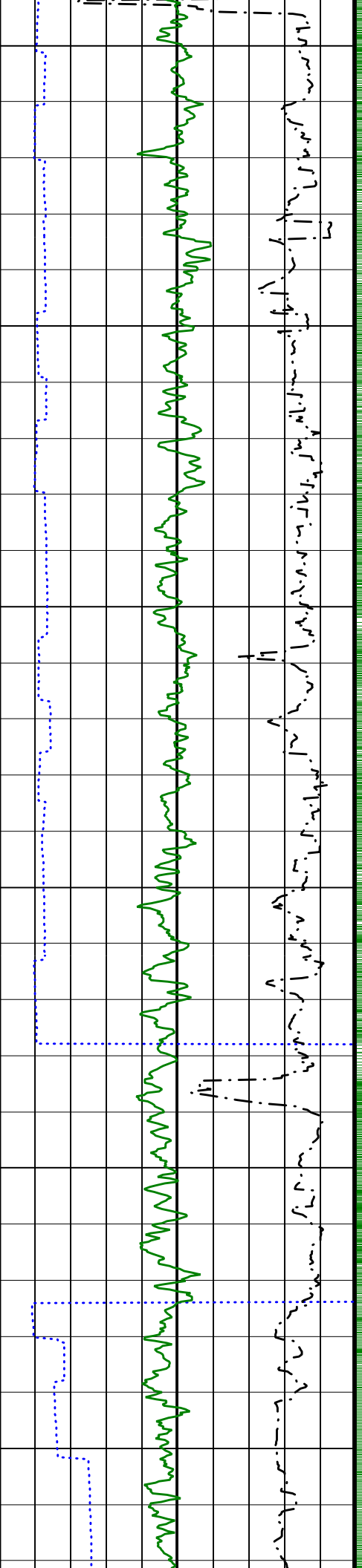


5200

5250

5300

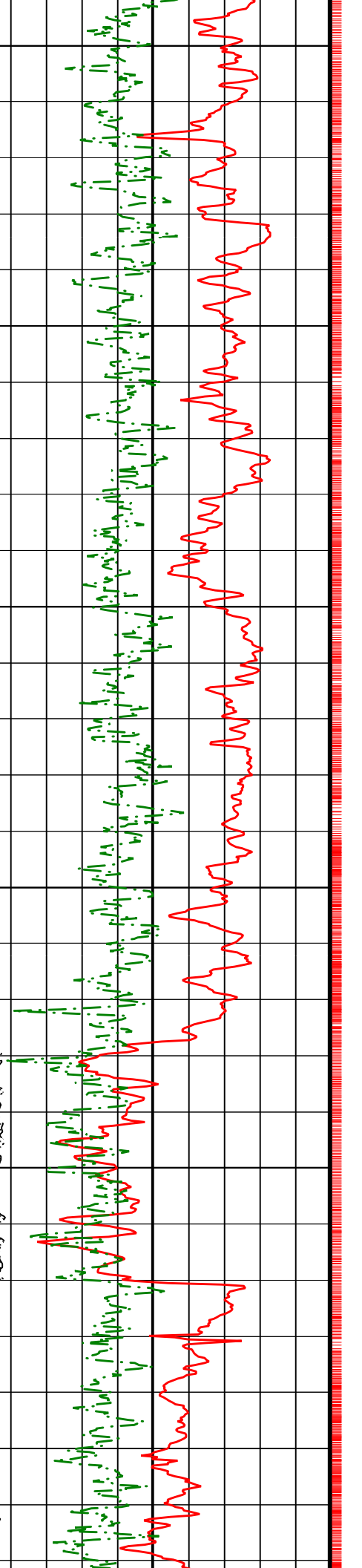
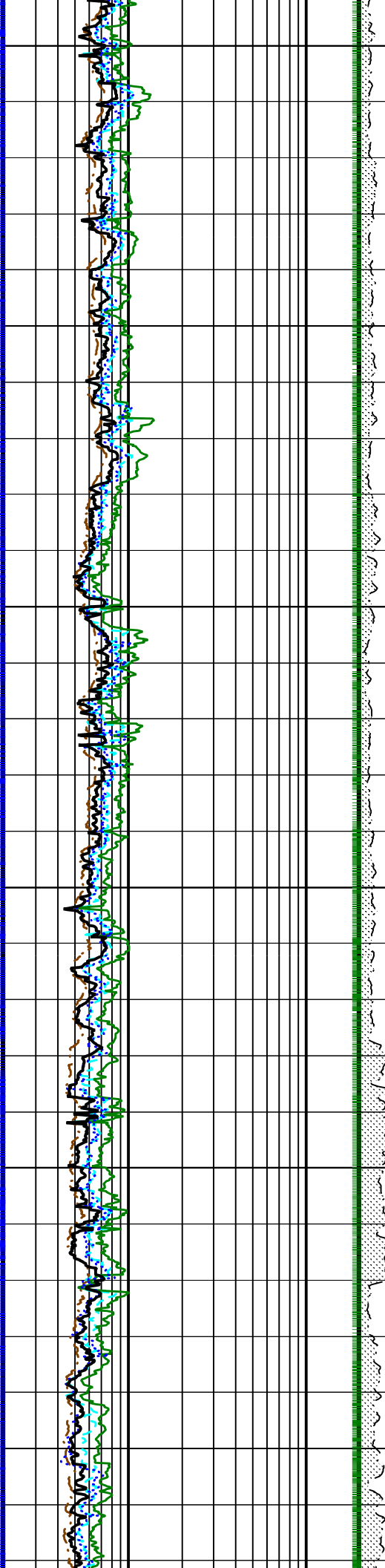




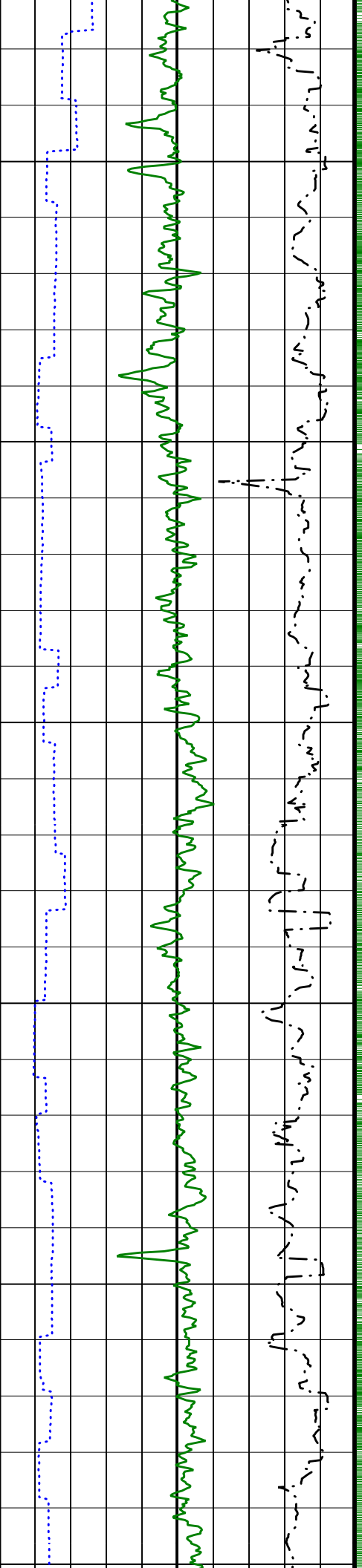
5350

5400

5450

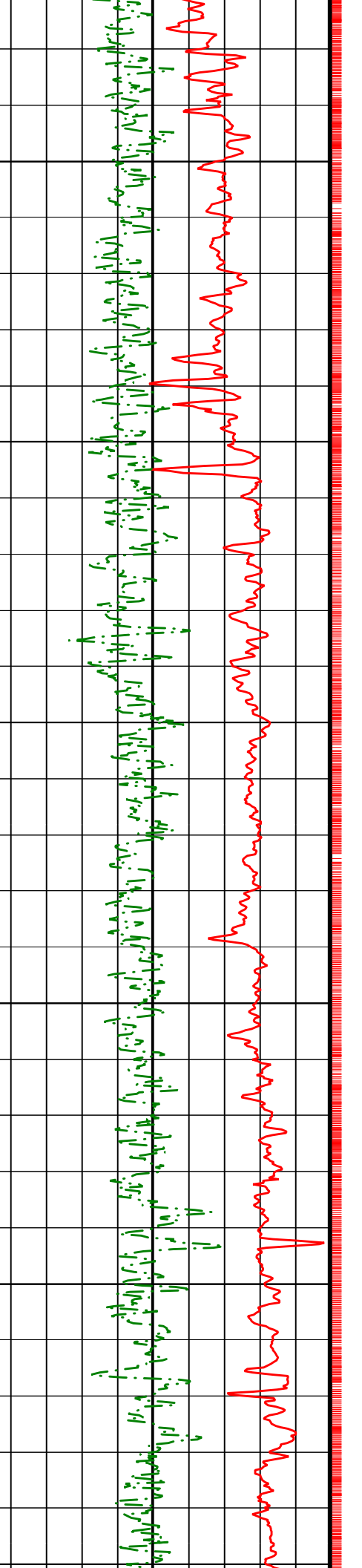
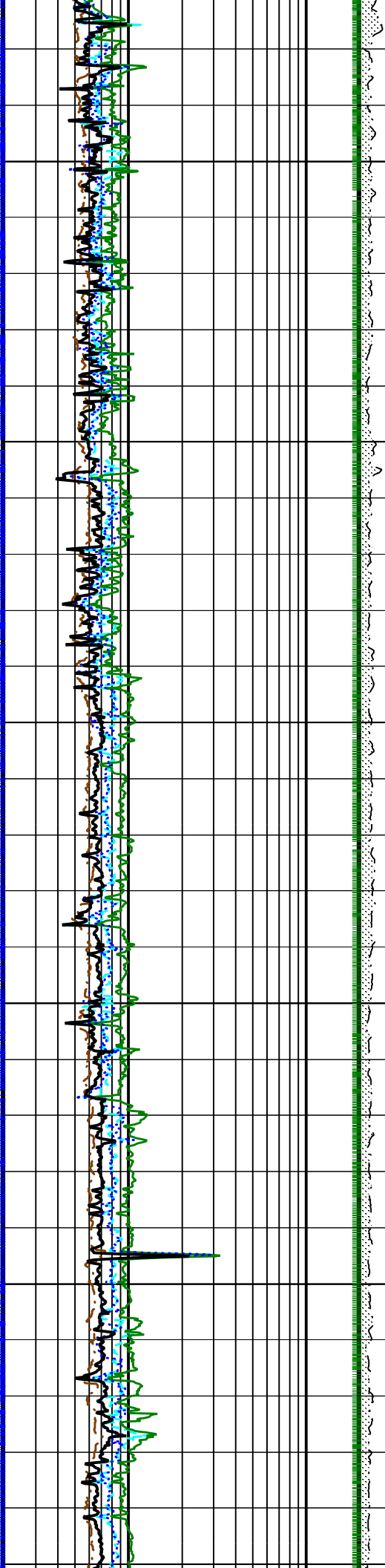


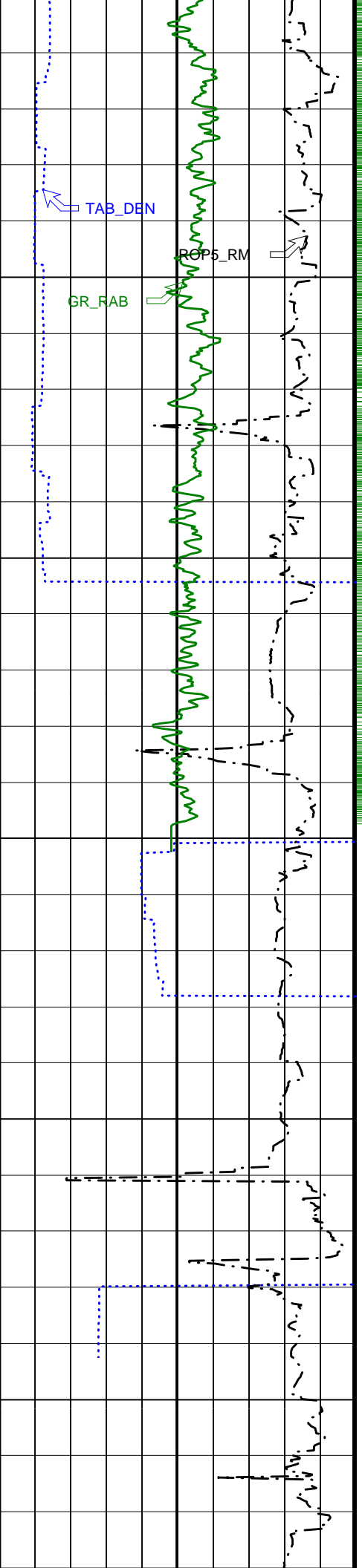




5500

5550

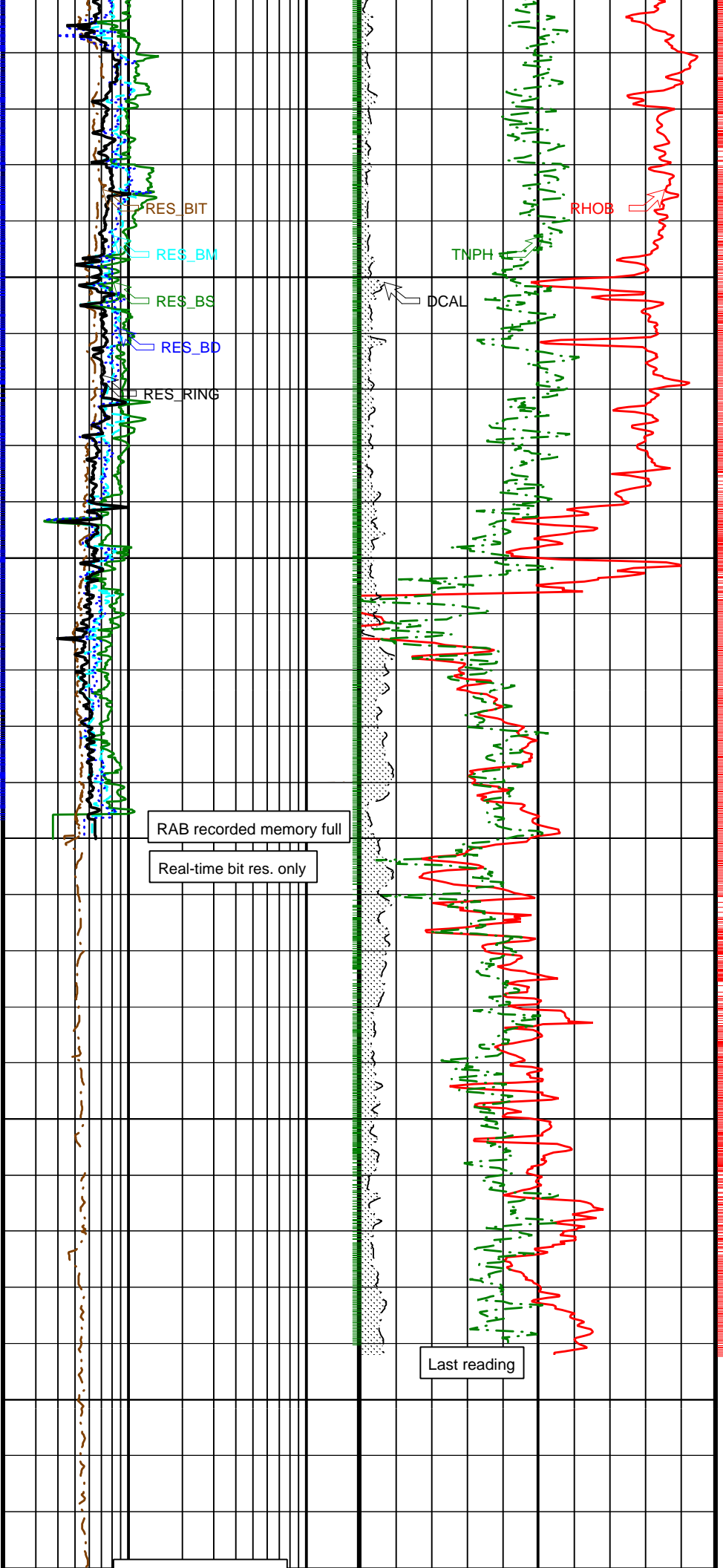




5600

5650

5700



Density Time After Bit (TAB_DEN) (HR)		0		10		Total Depth @ 5744 m		Bit Resistivity (RES_BIT) (OHMM)		0.2		20		Bulk Density (RHOB) (G/C3)		1.4		2.4	
RAB Gamma Ray (GR_RAB) (GAPI)		0		150		Medium Button Resistivity (RES_BM) (OHMM)		0.2		20		75		Thermal Neutron Porosity (TNPH) (PU)		0		20	
Rate of Penetration, Averaged over Last 5ft (ROP5_RM) (M/HR)		200		0		Shallow Button Resistivity (RES_BS) (OHMM)		0.2		20		0		Differential Caliper (DCAL) (IN)		0		20	
						Deep Button Resistivity (RES_BD) (OHMM)		0.2		20									
						Bit Resistivity, Real-Time (RES_BIT_RT) (OHMM)		0.2		20									
						Ring Resistivity (RES_RING) (OHMM)		0.2		20									

PIP SUMMARY

Density Ticks, 0.1-ft  
 Neutron Ticks, 0.1-ft  
 Gamma Ray Samples  
 RAB samples

IDEAL Version: ID6\_1C\_08  
IDF

Input DLIS Files

RAB .005 FN:4 27-May-2001 23:18 15283.5 FT 18846.2 FT

6.75-in. Resistivity At-the-Bit / Equipment Identification

Primary Equipment:

Tool Name and Serial Number  
Calibration Status

RAB6 - BA  
Good

SN 012

Master: 10-APR-2001 10:12											
6.75-in. Resistivity At-the-Bit Calibration											
Resistivity: Fixture											
Phase	Ring/T1 factor		Value	Phase	Ring/T2 factor		Value	Phase	M0/T1 factor		Value
Master			0.01096	Master			0.01115	Master			1.107
	0.009500 (Minimum)	0.01100 (Nominal)	0.01250 (Maximum)		0.009500 (Minimum)	0.01100 (Nominal)	0.01250 (Maximum)		0.9000 (Minimum)	1.050 (Nominal)	1.200 (Maximum)
Phase	M0/T2 factor		Value	Phase	M2/T1 factor		Value	Phase	M2/T2 factor		Value
Master			1.100	Master			1.016	Master			1.021
	0.9000 (Minimum)	1.050 (Nominal)	1.200 (Maximum)		0.8500 (Minimum)	1.000 (Nominal)	1.150 (Maximum)		0.8500 (Minimum)	1.000 (Nominal)	1.150 (Maximum)
Phase	BTN shallow/T1 factor		Value	Phase	BTN shallow/T2 factor		Value	Phase	BTN medium/T1 factor		Value
Master			0.0006580	Master			0.0006760	Master			0.0006450
	0.0005700 (Minimum)	0.0006700 (Nominal)	0.0007700 (Maximum)		0.0005700 (Minimum)	0.0006700 (Nominal)	0.0007700 (Maximum)		0.0005700 (Minimum)	0.0006700 (Nominal)	0.0007700 (Maximum)
Phase	BTN medium/T2 factor		Value	Phase	BTN deep/T1 factor		Value	Phase	BTN deep/T2 factor		Value
Master			0.0006610	Master			0.0006480	Master			0.0006640
	0.0005700 (Minimum)	0.0006700 (Nominal)	0.0007700 (Maximum)		0.0005700 (Minimum)	0.0006700 (Nominal)	0.0007700 (Maximum)		0.0005700 (Minimum)	0.0006700 (Nominal)	0.0007700 (Maximum)

Master: 10-APR-2001 10:12		
6.75-in. Resistivity At-the-Bit Calibration		
Gamma Ray: Blanket		
Phase	Gamma ray factor	Value

Master	3.500 (Minimum)	4.500 (Nominal)	5.500 (Maximum)	4.210
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6.75-in. Azimuthal Density Neutron / Equipment Identification

Primary Equipment:  
 Tool Name and Serial Number  
 Neutron Logging Source  
 Density Logging Source  
 Stabilizer Size  
 Calibration Status

ADN6 - BA  
 NSR - M  
 GSR - J/Z  
 9.63 - in.  
 Good

119  
 A0149  
 A2097

Master: 10-APR-2001 22:25											
6.75-in. Azimuthal Density Neutron Calibration											
Density: Magnesium Block											
Phase	LS window 3 - Mg CPS		Value	Phase	SS window 1 - Mg CPS		Value	Phase	SS window 3 - Mg CPS		Value
Master			642.3	Master			2016	Master			5009
	250.0 (Minimum)	4125 (Nominal)	8000 (Maximum)		700.0 (Minimum)	9350 (Nominal)	18000 (Maximum)		2500 (Minimum)	23750 (Nominal)	45000 (Maximum)

Master: 10-APR-2001 22:25											
6.75-in. Azimuthal Density Neutron Calibration											
Density: Aluminum Block											
Phase	LS window 3 - Al CPS		Value	Phase	SS window 1 - Al CPS		Value	Phase	SS window 3 - Al CPS		Value
Master			105.3	Master			1185	Master			3524
	50.00 (Minimum)	725.0 (Nominal)	1400 (Maximum)		500.0 (Minimum)	4250 (Nominal)	8000 (Maximum)		1500 (Minimum)	15750 (Nominal)	30000 (Maximum)

Master: 10-APR-2001 22:25											
6.75-in. Azimuthal Density Neutron Calibration											
Density: Background											
Phase	LS window 3 - Background CPS		Value	Phase	SS window 1 - Background CPS		Value	Phase	SS window 3 - Background CPS		Value
Master			42.83	Master			96.15	Master			408.0
	15.00 (Minimum)	82.50 (Nominal)	150.0 (Maximum)		40.00 (Minimum)	220.0 (Nominal)	400.0 (Maximum)		150.0 (Minimum)	825.0 (Nominal)	1500 (Maximum)

Master: 10-APR-2001 22:25										
6.75-in. Azimuthal Density Neutron Calibration										
Density: Water Block Check										
Phase	Long spacing water density G/C3		Value	Phase	Short spacing water density G/C3		Value			
Master			1.014	Master			1.101			
	0.9844 (Minimum)	0.9994 (Nominal)	1.014 (Maximum)		1.071 (Minimum)	1.096 (Nominal)	1.121 (Maximum)			

Master: 10-APR-2001 22:25										
6.75-in. Azimuthal Density Neutron Calibration										
Neutron: Water Tank										
Phase	Far 1 tube 1 gain		Value	Phase	Far 1 tube 1 offset CPS		Value			
Master			1.067	Master			-0.8720			
	0.9000 (Minimum)	1.100 (Nominal)	1.300 (Maximum)		-1.200 (Minimum)	-0.9000 (Nominal)	-0.6000 (Maximum)			
Phase	Far 1 tube 2 gain		Value	Phase	Far 1 tube 2 offset CPS		Value			
Master			1.047	Master			-0.9180			
	0.9000 (Minimum)	1.100 (Nominal)	1.300 (Maximum)		-1.200 (Minimum)	-0.9000 (Nominal)	-0.6000 (Maximum)			
Phase	Far 1 tube 3 gain		Value	Phase	Far 1 tube 3 offset CPS		Value			
Master			1.094	Master			-0.8480			
	0.9000 (Minimum)	1.100 (Nominal)	1.300 (Maximum)		-1.200 (Minimum)	-0.9000 (Nominal)	-0.6000 (Maximum)			
Phase	Far 2 tube 1 gain		Value	Phase	Far 2 tube 1 offset CPS		Value			
Master			1.081	Master			-0.8230			
	0.9000 (Minimum)	1.100 (Nominal)	1.300 (Maximum)		-1.200 (Minimum)	-0.9000 (Nominal)	-0.6000 (Maximum)			

Phase	Far 2 tube 2 gain	Value	Phase	Far 2 tube 2 offset CPS	Value
Master		1.079	Master		-0.8700
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)			-1.200 (Minimum) -0.9000 (Nominal) -0.6000 (Maximum)	
Phase	Far 2 tube 3 gain	Value	Phase	Far 2 tube 3 offset CPS	Value
Master		1.028	Master		-0.7570
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)			-1.200 (Minimum) -0.9000 (Nominal) -0.6000 (Maximum)	
Phase	Near 1 tube 1 gain	Value			
Master		0.9810			
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)				
Phase	Near 2 tube 1 gain	Value			
Master		1.025			
	0.9000 (Minimum) 1.100 (Nominal) 1.300 (Maximum)				

Company: Lamont Doherty

Well: ODP Leg 196, Site 808I

Field: Nankai Trough

Country: Japan

Ocean: Pacific

IDEAL services from Anadrill

RAB / ADN  
Scale 1:500 Measured Depth  
Recorded Data

**Schlumberger**