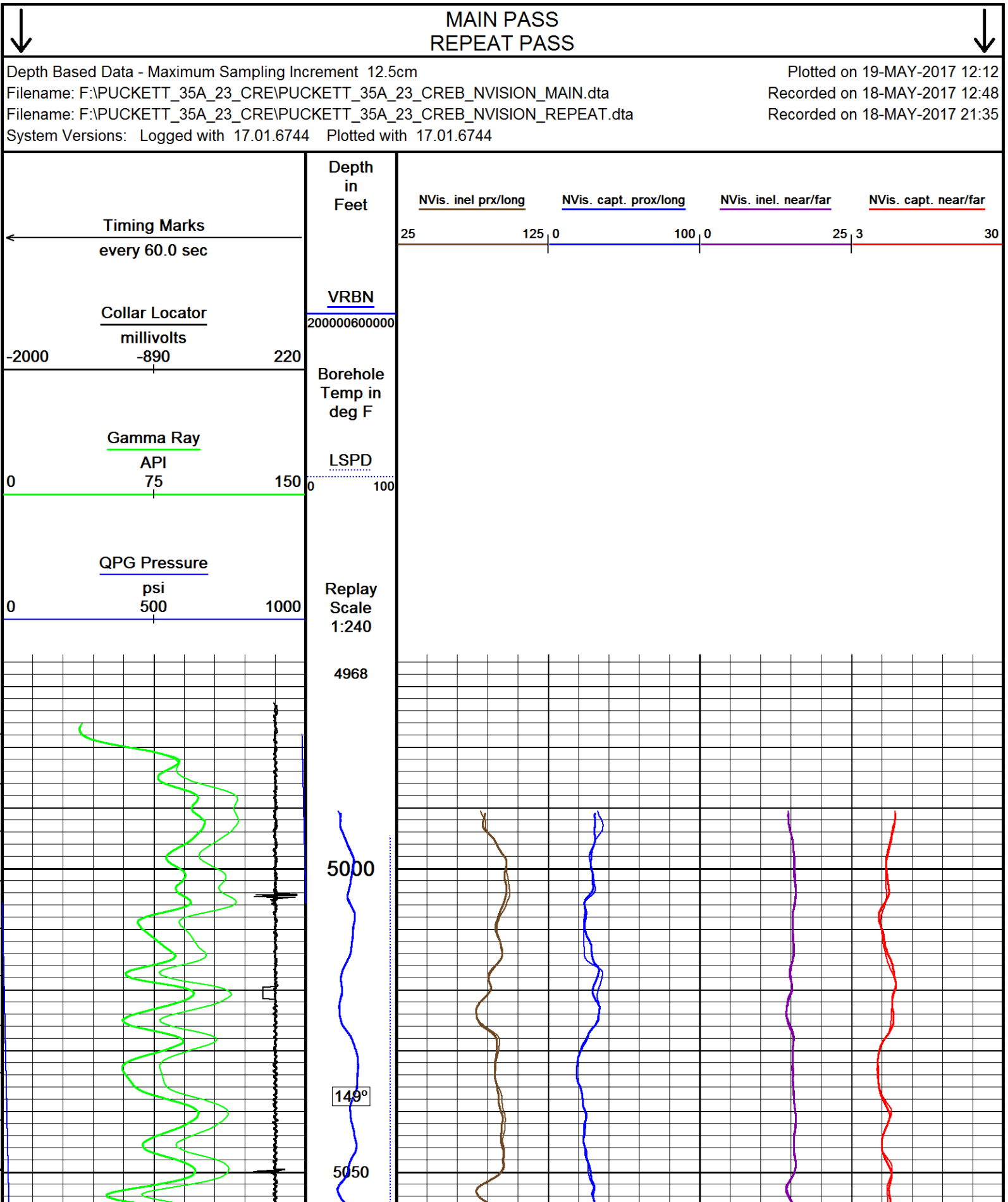
 <b>Weatherford®</b>				<b>RAPTOR NVISION LOG</b>							
COMPANY WELL FIELD PROVINCE/COUNTY COUNTRY/STATE LOCATION				CAERUS OIL & GAS PUCKETT 35A-23 GRAND VALLEY GARFIELD USA / COLORADO							
SEC 23	TWP 06S	RGE 97W	Other Services SBT								
Latitude Longitude API Number			Permanent Datum GROUND LEVEL, Elevation 8396 feet Log Measured From KB, 30.00 feet above Permanent Datum Drilling Measured From KB								
Date			18-MAY-2017		PERFORATION RECORD						
Run Number		ONE									
Service Order		182406599		Shot		Number		Depth From		Depth To	
Type Log		CREB		Density		of Shots		feet		feet	
Depth Driller		9113.00									
Depth Logger		9025.00									
Top Log Interval		5000.00									
Bottom Log Interval		9025.00									
Hole Fluid Type		WATER									
Hole Fluid Level		0.00									
Restriction ID		3.875									
Max Recorded Temp		235.00		inches		Gun Type					
Well Head Pressure		0.00		deg F		Gun Size					
Well Head Equipment		N/A		psi		CASING / TUBING RECORD					
Time Well Ready		ROA		Size		Weight		Depth From		Depth To	
Time Logger Bottom		1230		inches		pounds/ft		feet		feet	
Unit		14333		4.500		11.60		0.00		8976.00	
Equipment Name		WSS-E									
Base		CASPER									
Recorded By		P. MAZUR									
Witnessed By		NOT WITNESSED									

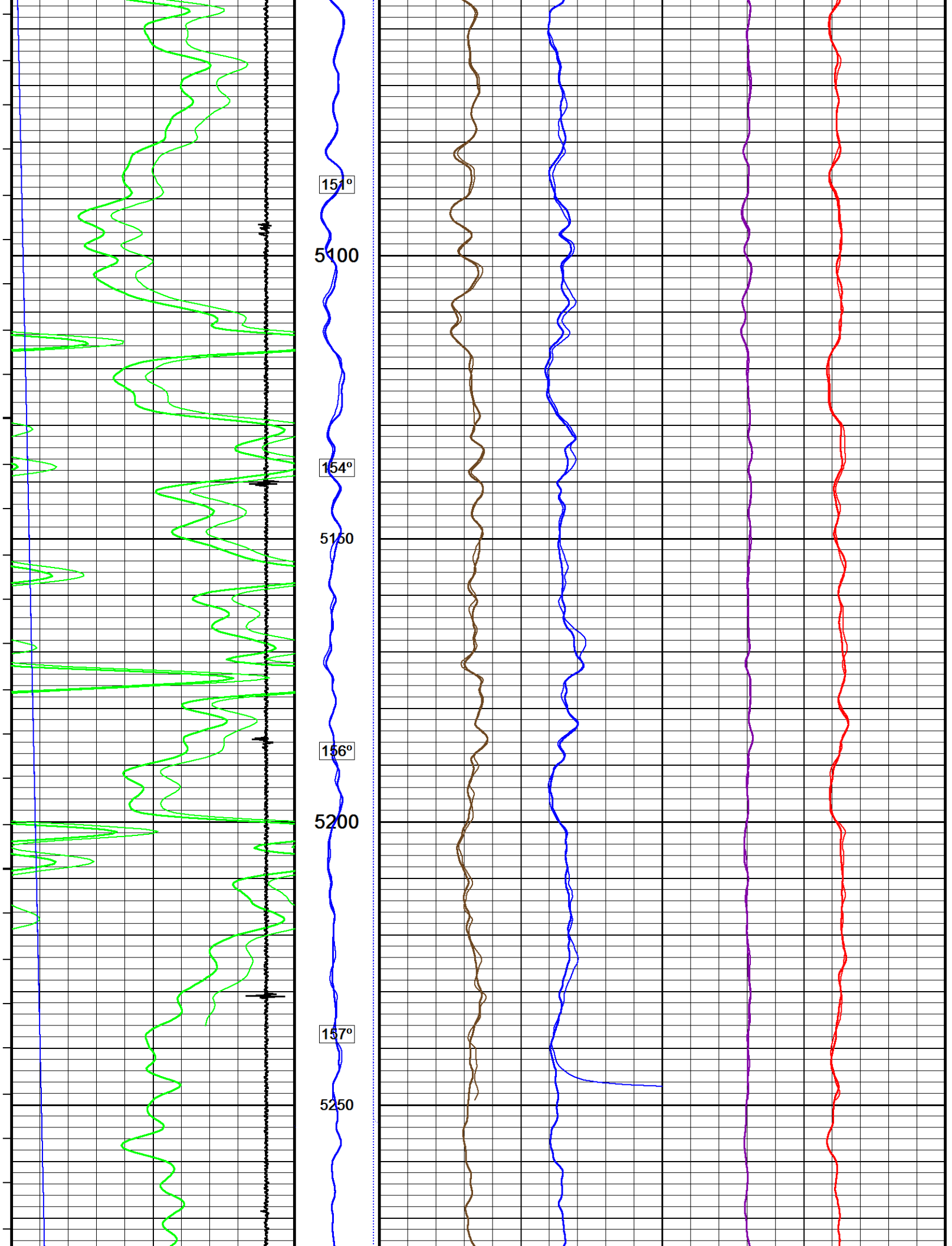
CASING / TUBING RECORD						
Type	Grade	TypeJoint	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
			4.500	0.00	8976.00	11.60

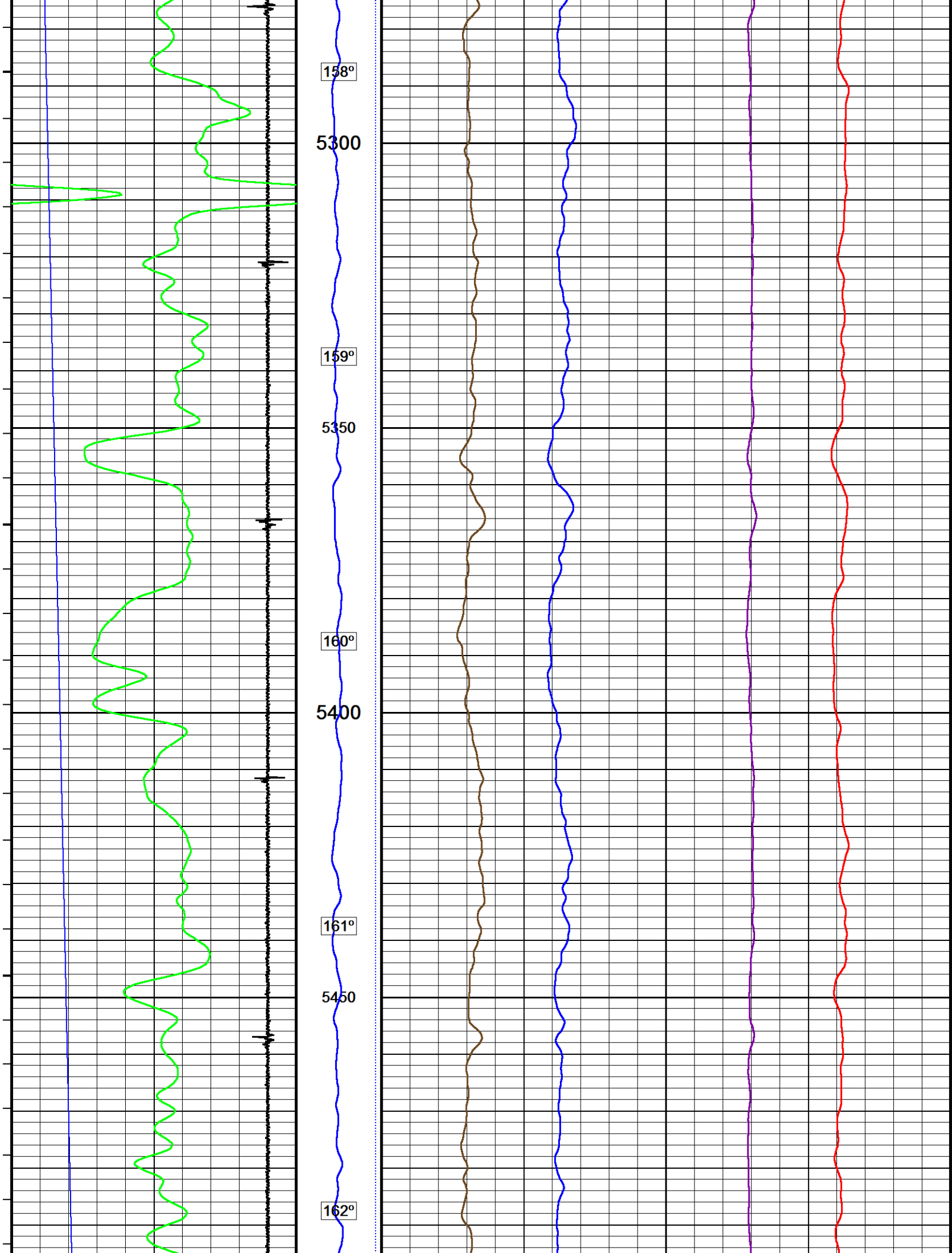
REMARKS
SOFTWARE VERSION 17.01.6744 - DEVELOPMENT BUILD VERSION
ALL DEPTH CONTROL PROCEDURES FOR SUBSEQUENT RUN IN HOLE WERE FOLLOWED. LOG RUN FROM 30' K.B.
SURFACE SYSTEM USED: WCM-D 307
TOOLS RUN: WCCC, UGRK, QPGE, TMPN, CRPB, CRMB, UGRK WERE RAN IN COMBINATION
GAMMA RAY COUNTS ON SUBSEQUENT PASSES ARE AFFECTED BY RESIDUAL NEUTRON ACTIVATION CAUSED BY THE PREVIOUS PASS
BOTTOM HOLE TEMPERATURE WAS DEG. 235F

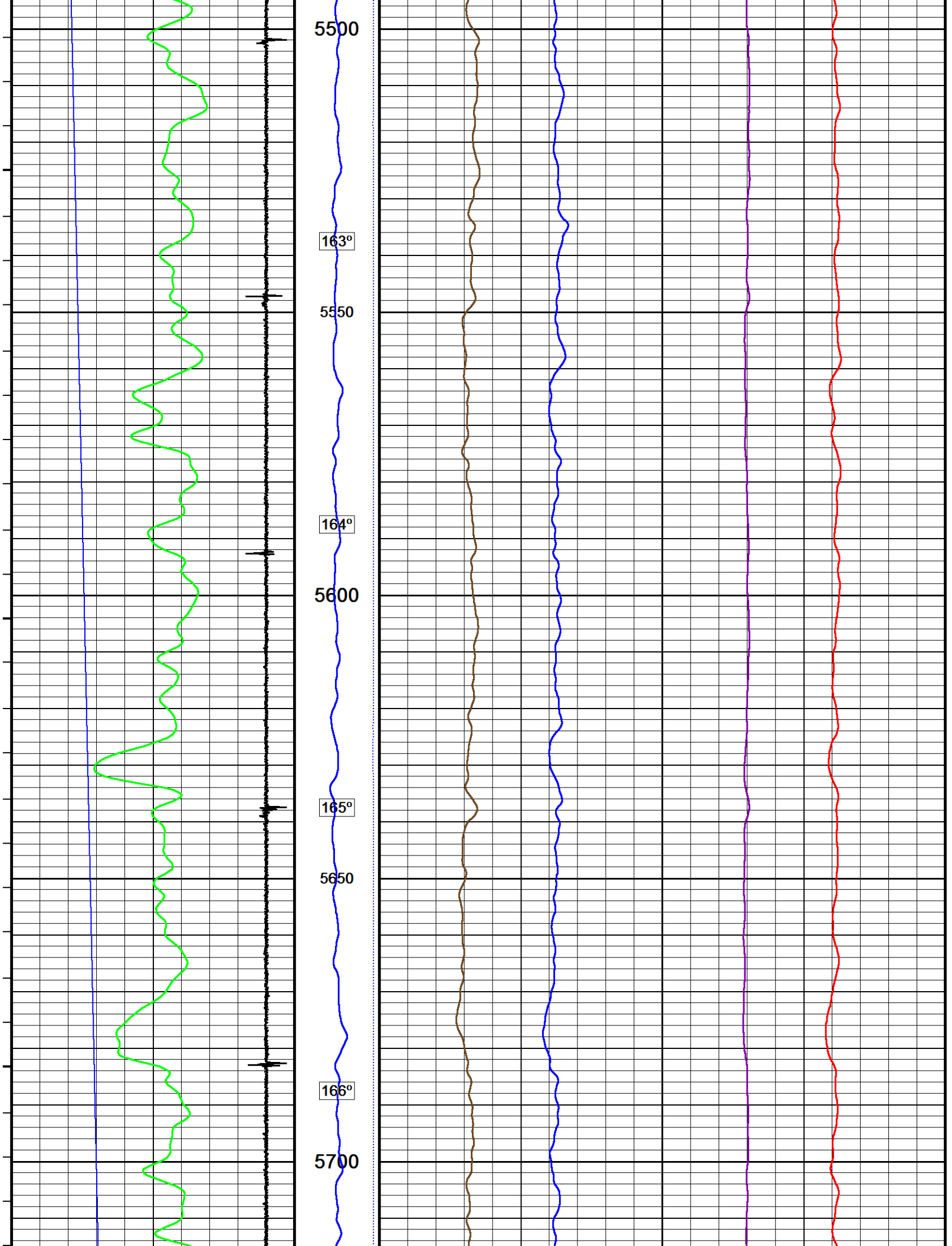
In interpreting, communicating or providing information and/or making recommendations, either written or oral, as to logs or test or other data, type or amount of material, or Work or other service to be furnished, or manner of performance, or in predicting results to be obtained, the Contractor will give the Company the benefit of the Contractor's best judgment based on its experience and will perform all such Work in a good and workmanlike manner. Any interpretation of test or other data, and any recommendation or reservoir description based upon such interpretations, are opinions based upon inferences from measurements and empirical relationships and assumptions, which inferences and assumptions are not infallible, and with respect to which professional engineers and analysts may differ. ACCORDINGLY ANY INTERPRETATION OR RECOMMENDATION RESULTING FROM THE SERVICES WILL BE AT THE SOLE RISK OF THE COMPANY, AND THE CONTRACTOR CANNOT AND DOES NOT WARRANT THE ACCURACY, CORRECTNESS OR COMPLETENESS OF ANY SUCH

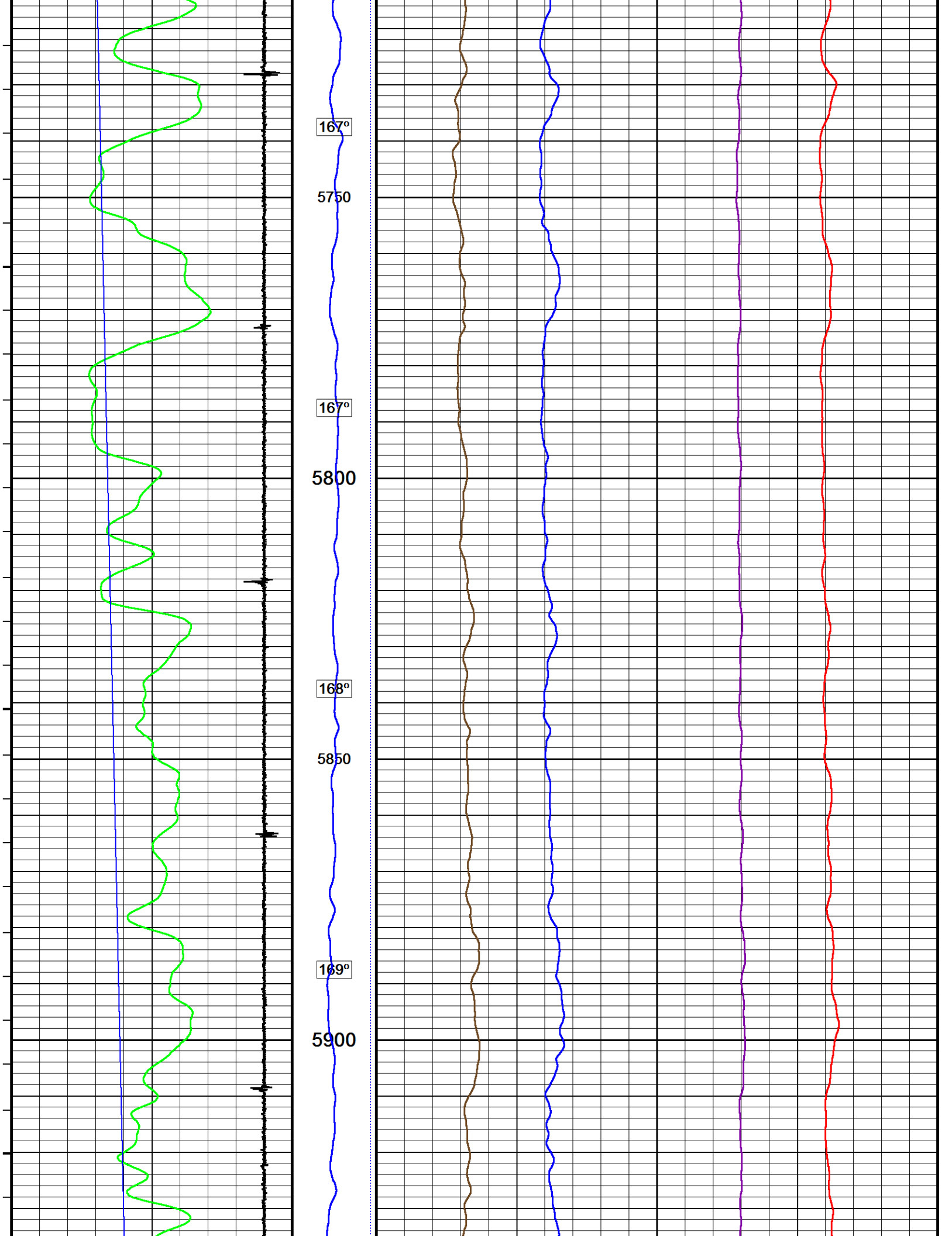
INTERPRETATION OR RECOMMENDATION, WHICH INTERPRETATIONS AND RECOMMENDATIONS SHOULD NOT, THEREFORE, UNDER ANY CIRCUMSTANCES BE RELIED UPON AS THE SOLE OR MAIN BASIS FOR ANY DRILLING, COMPLETION, WELL TREATMENT, PRODUCTION OR FINANCIAL DECISION, OR ANY PROCEDURE INVOLVING ANY RISK TO THE SAFETY OF ANY DRILLING ACTIVITY, DRILLING RIG OR ITS CREW OR ANY OTHER INDIVIDUAL. THE COMPANY HAS FULL RESPONSIBILITY FOR ALL DECISIONS CONCERNING THE SERVICES.

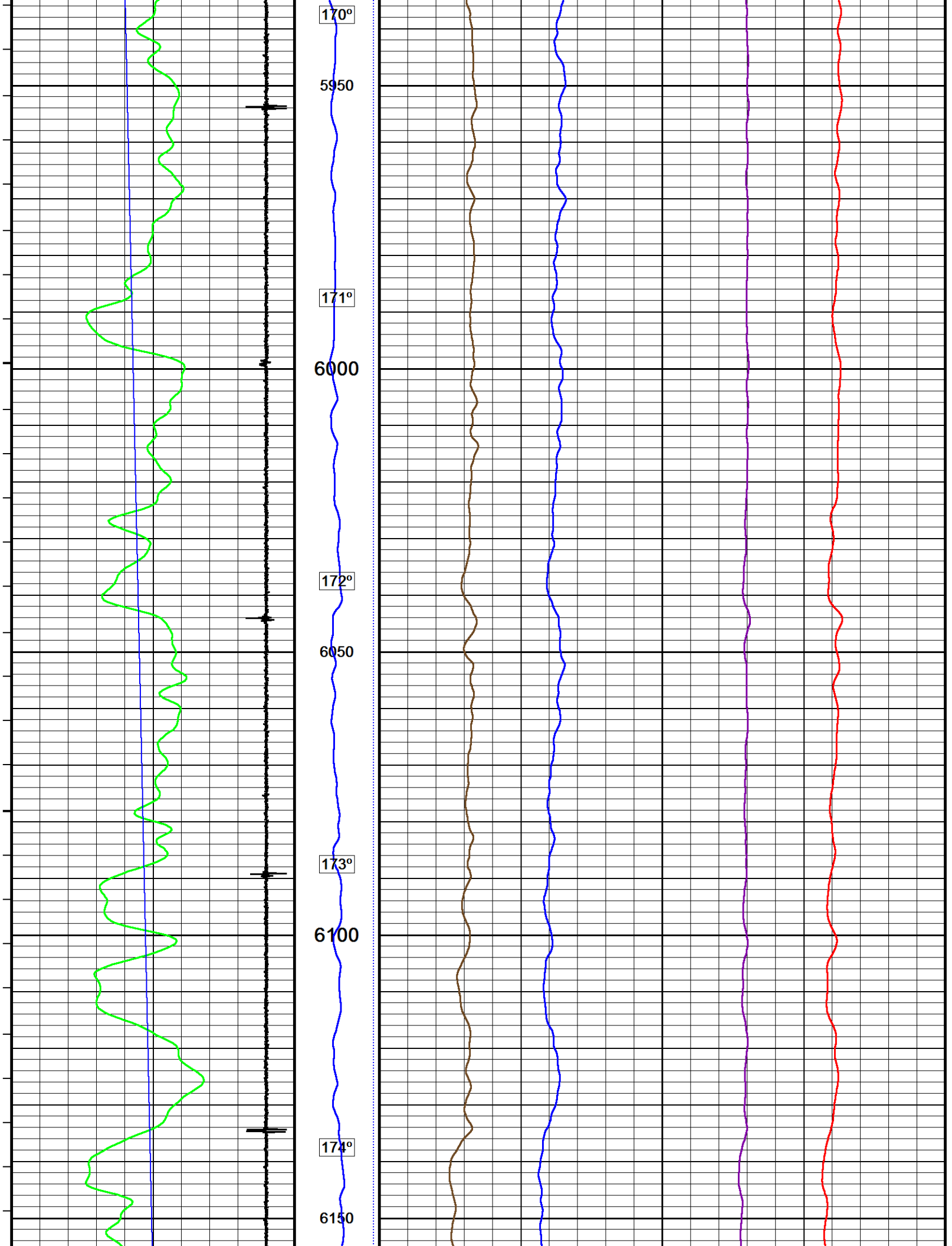


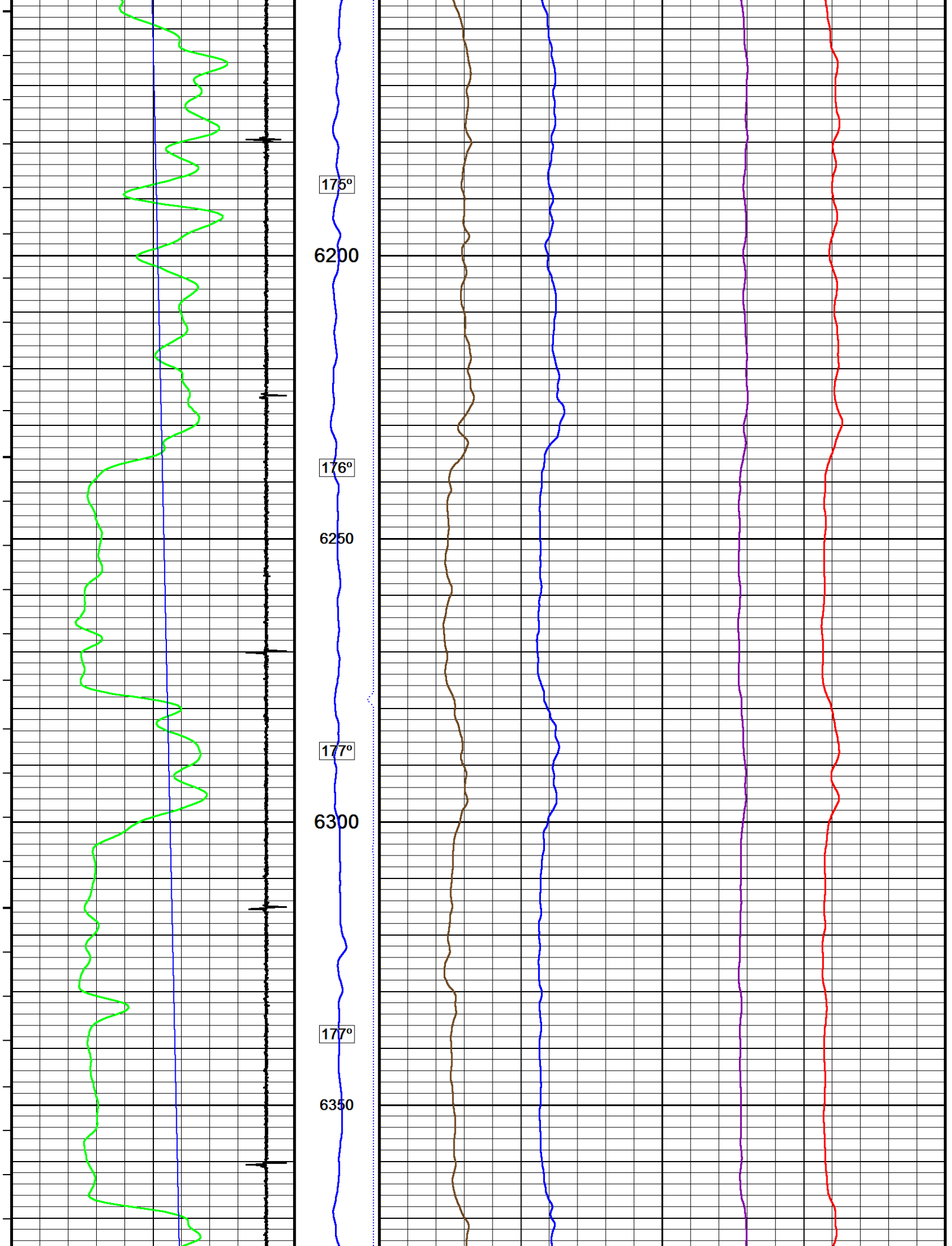




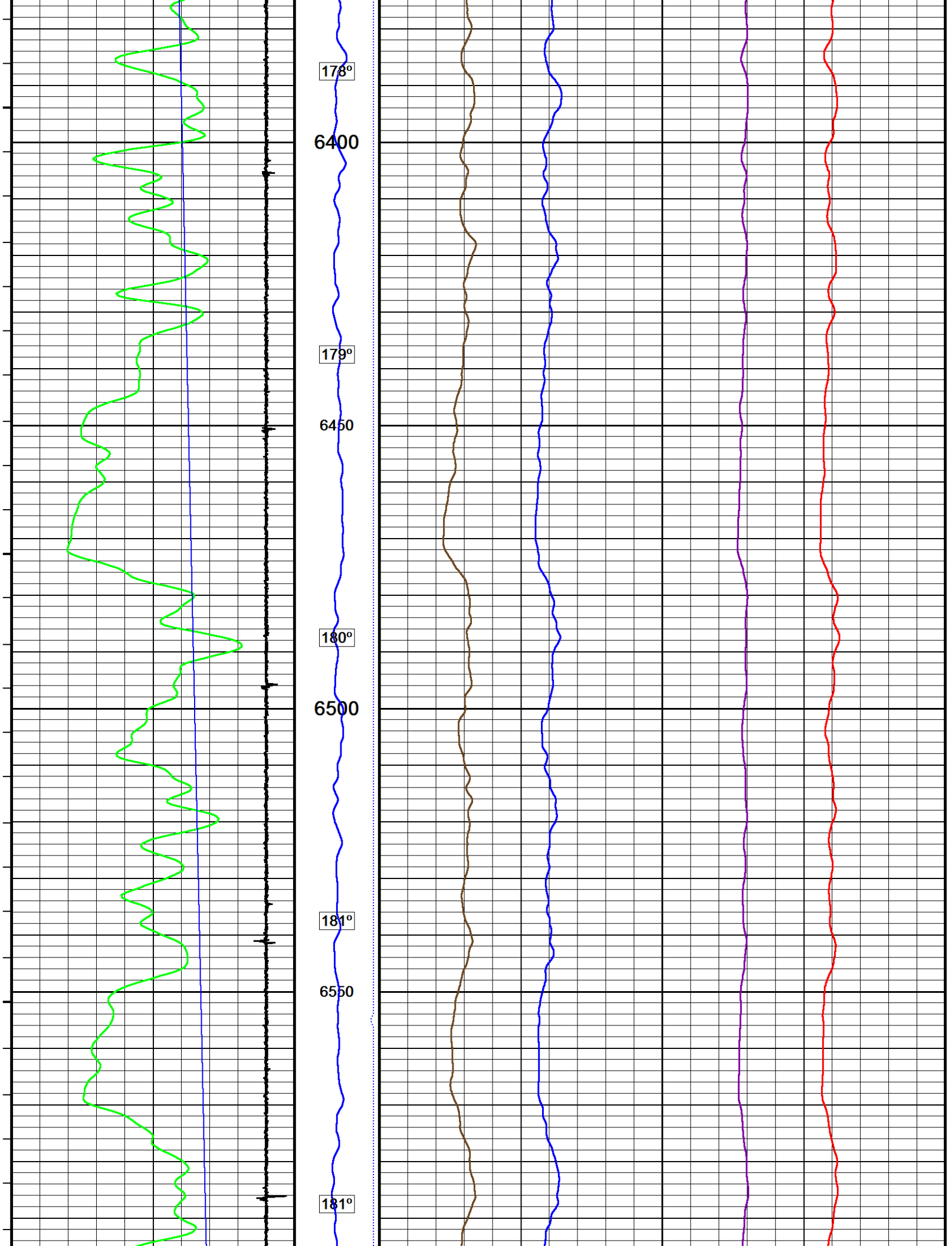


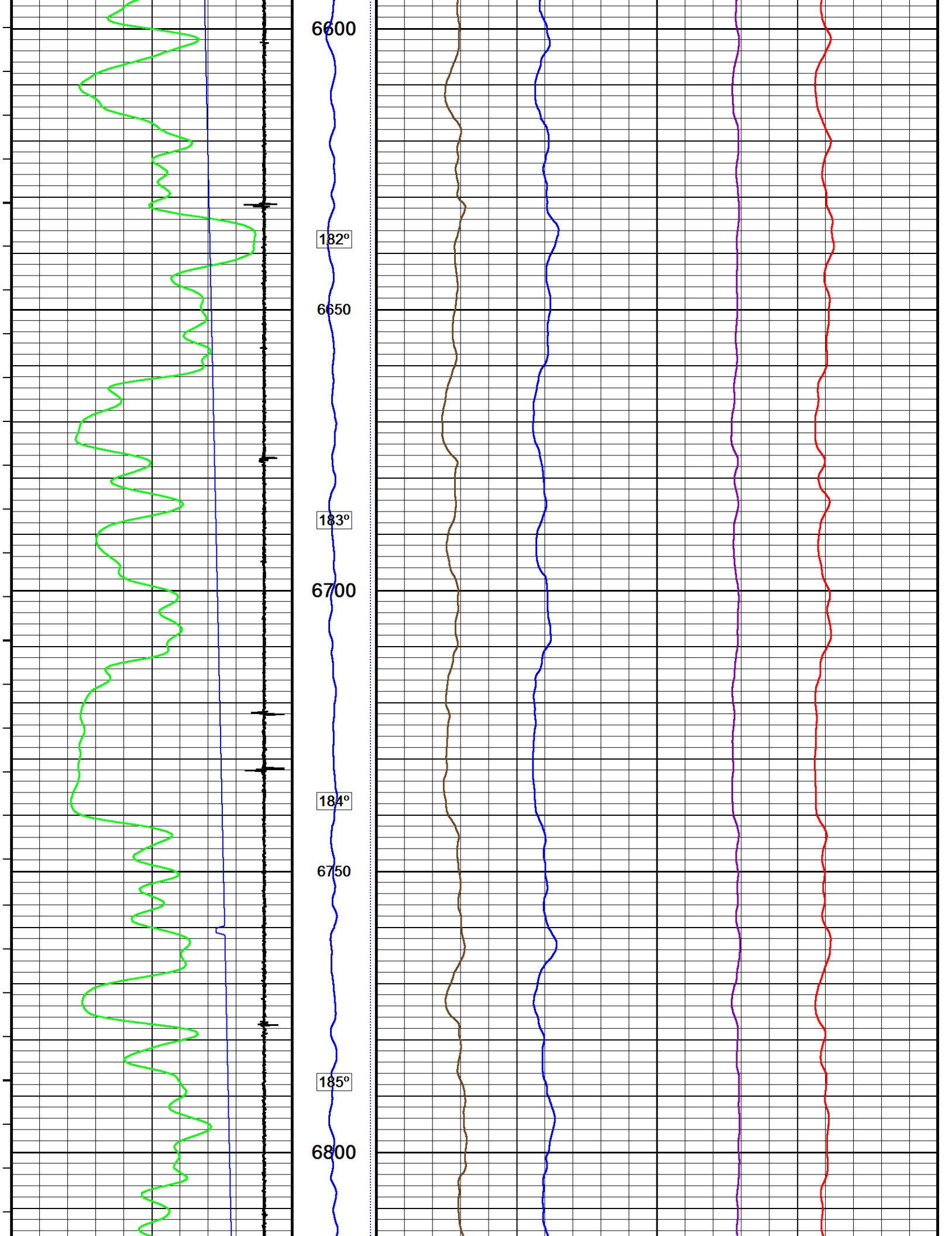


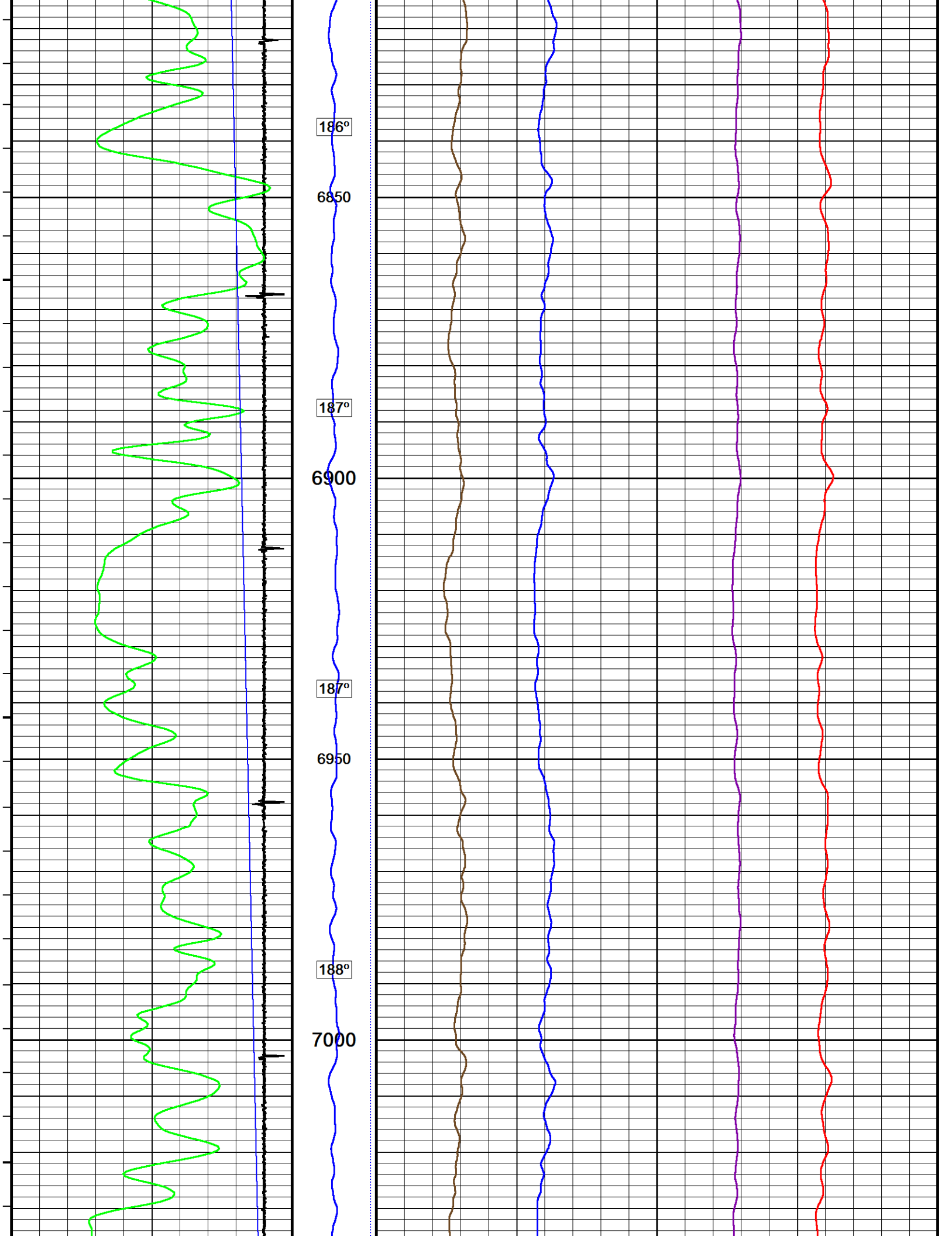


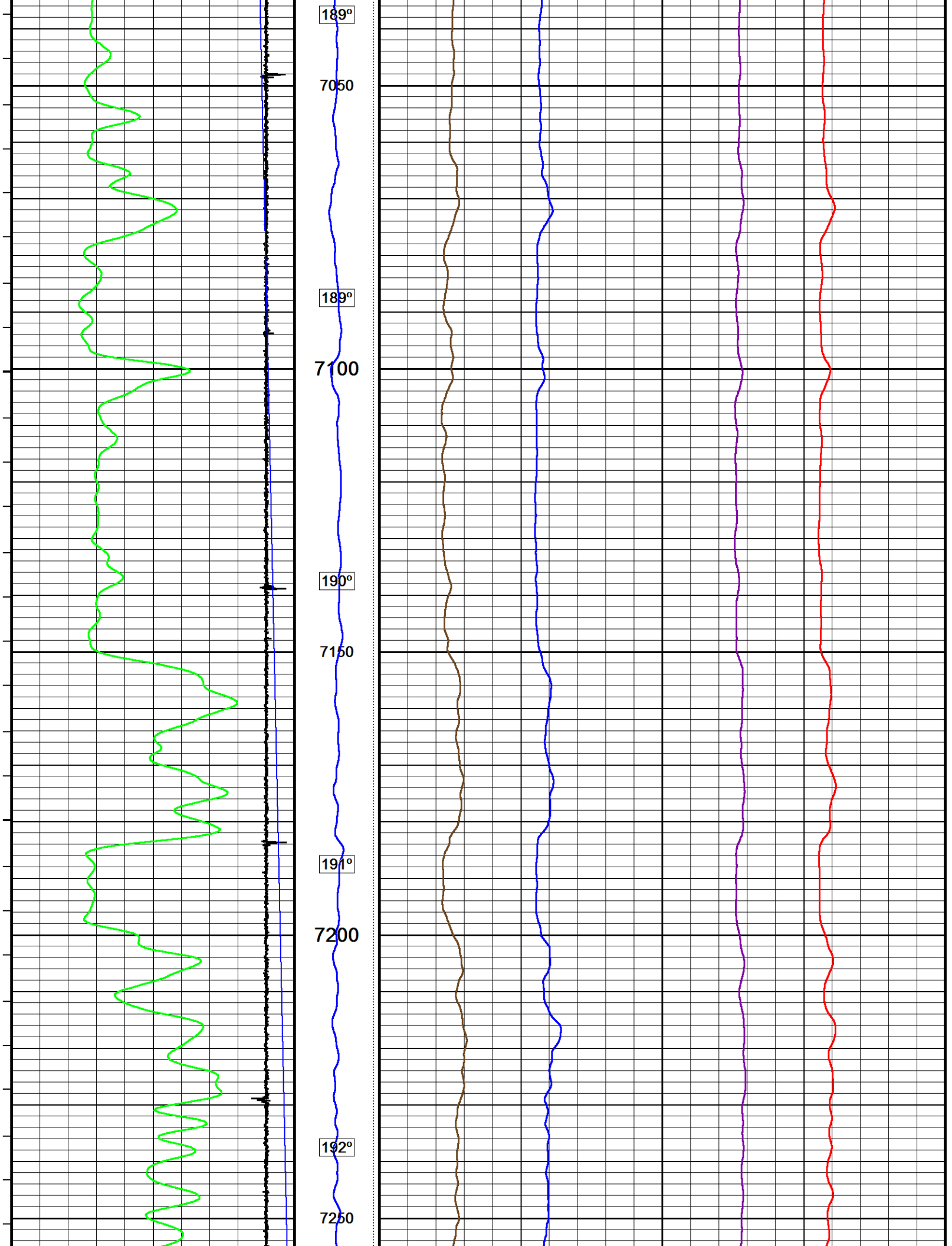


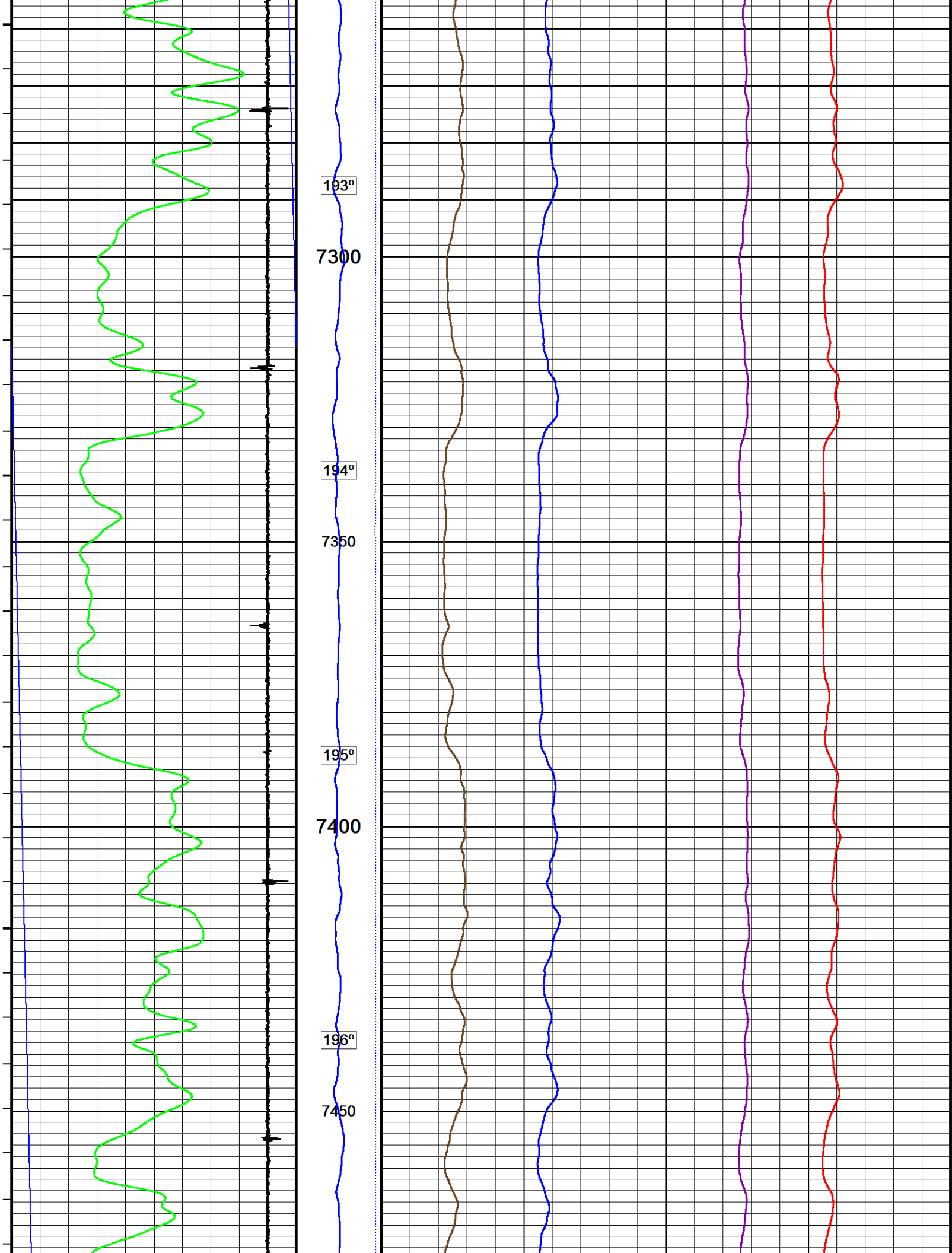


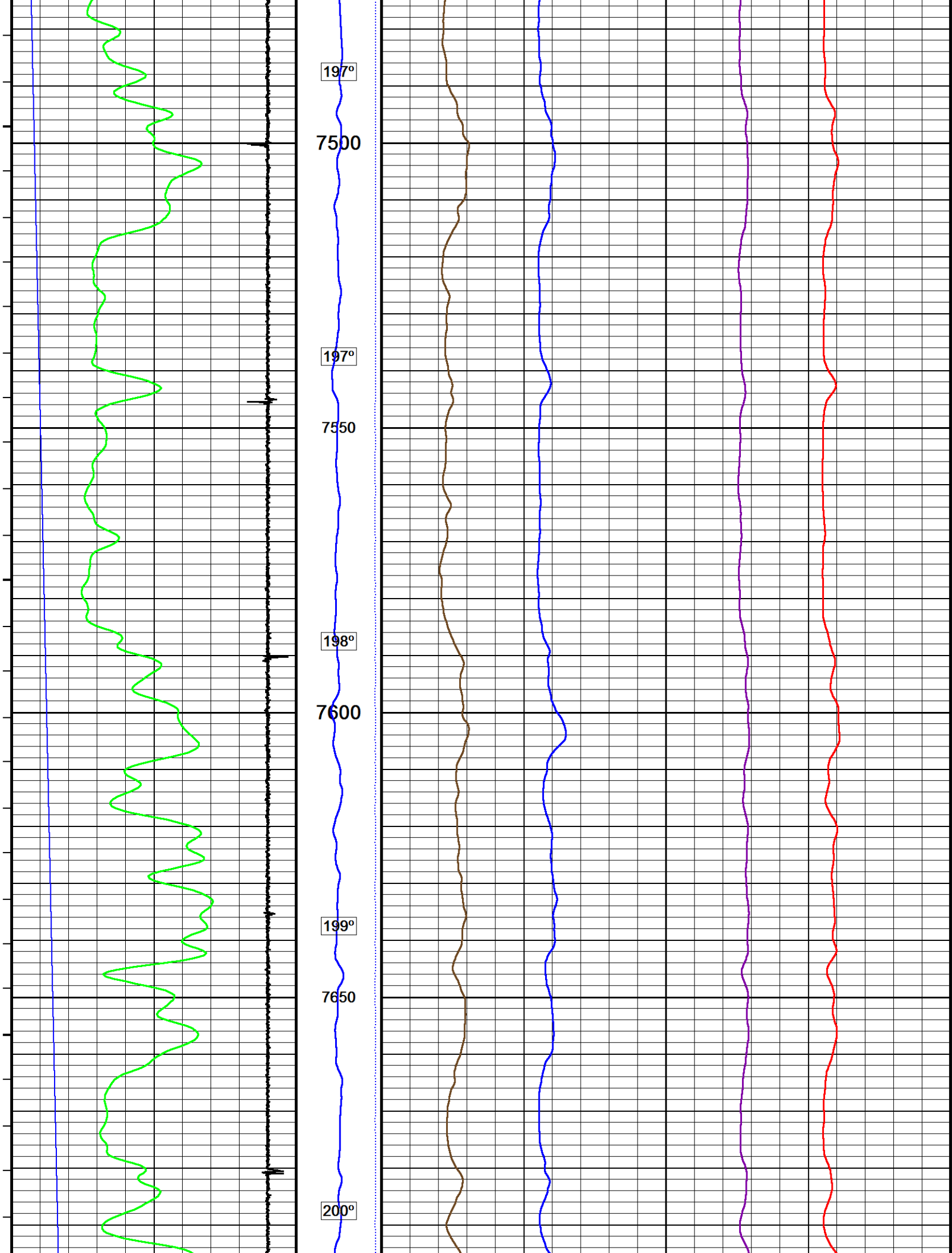


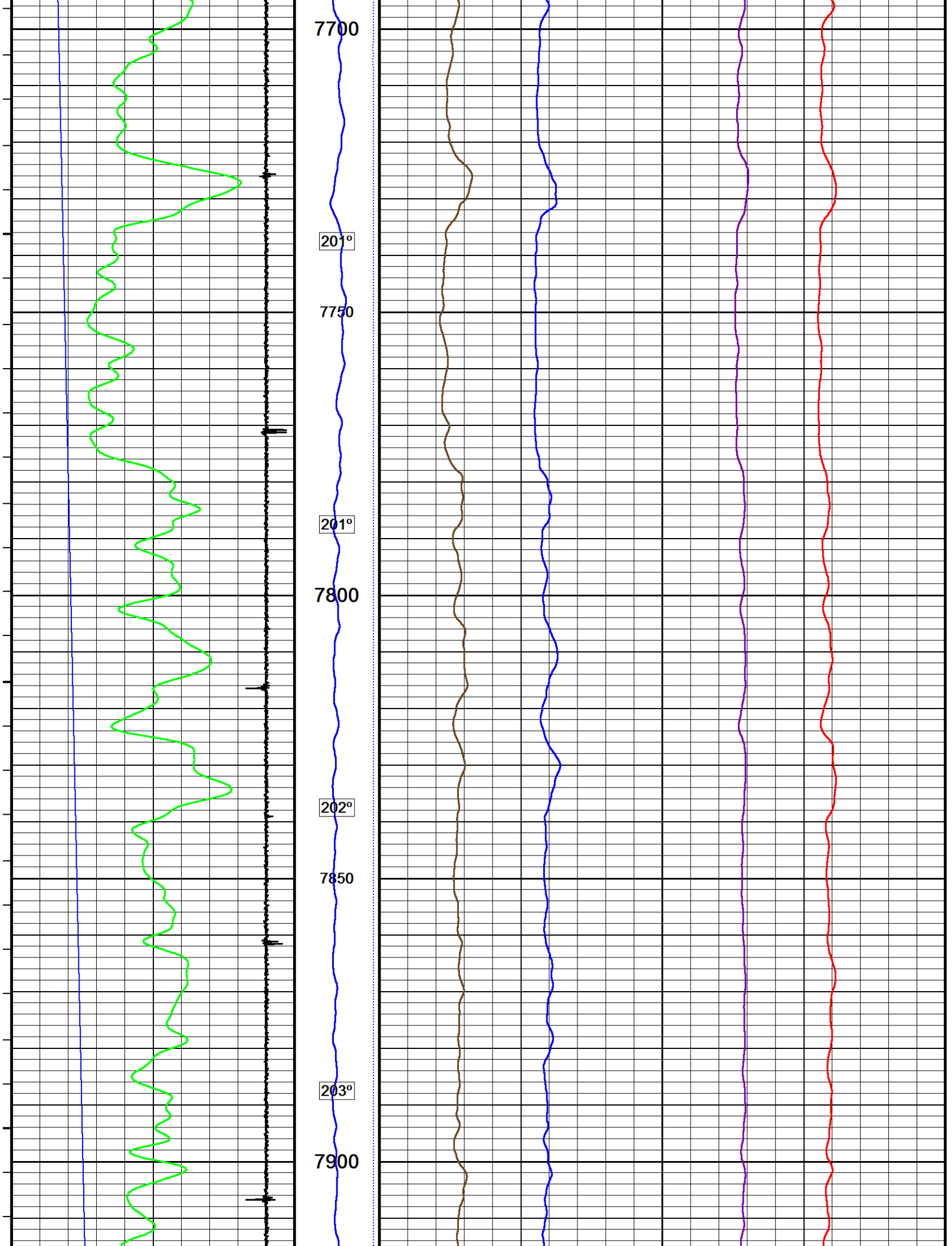


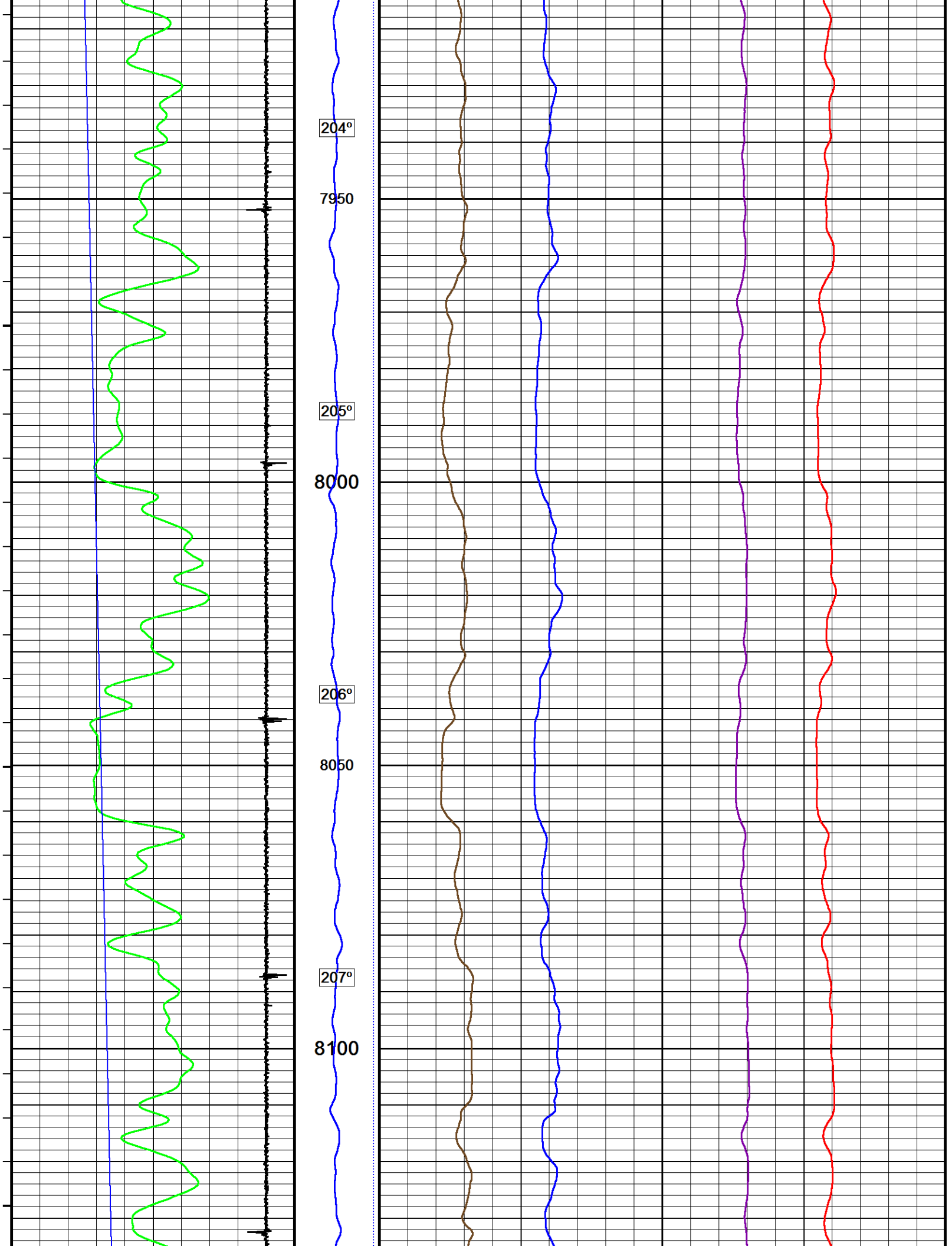




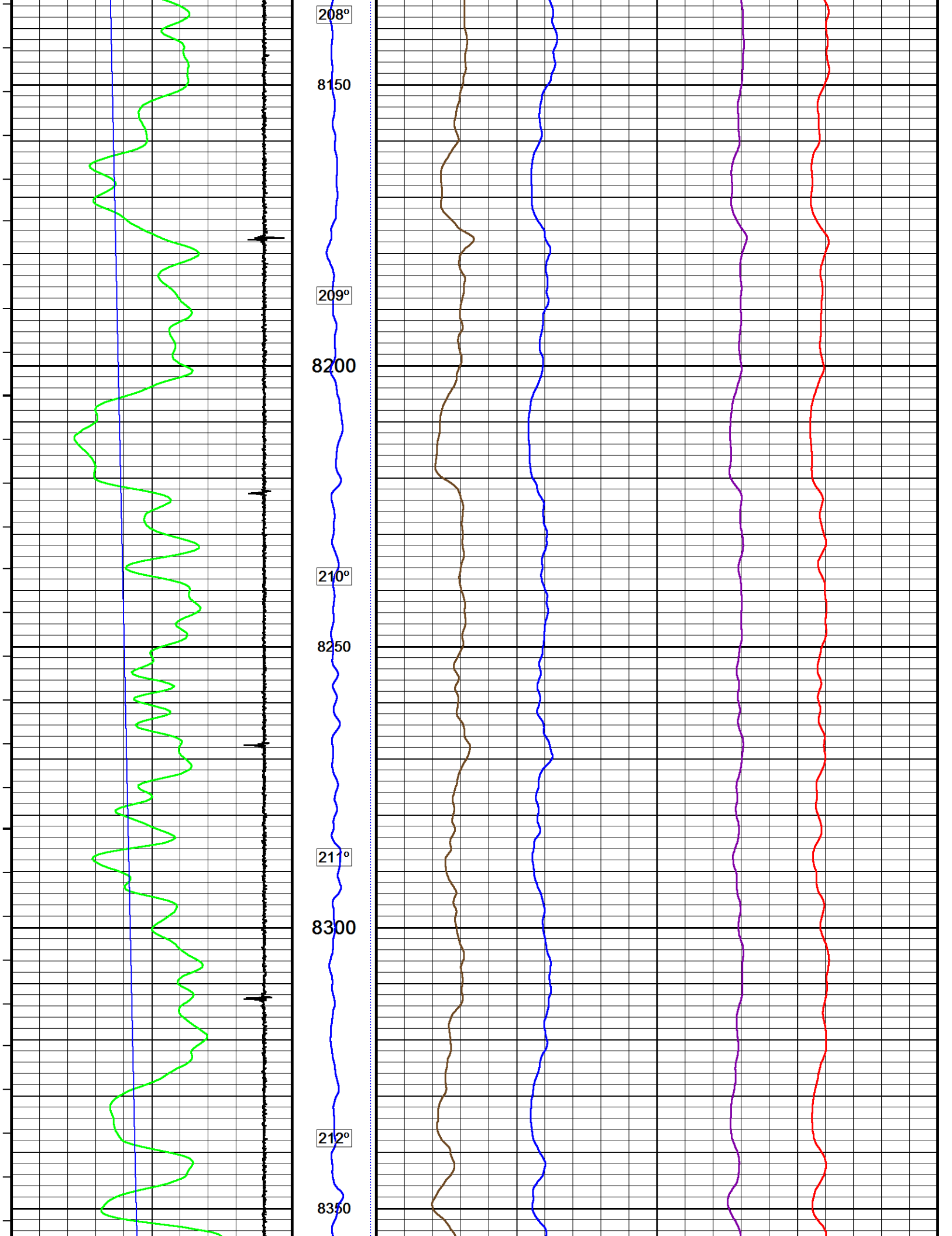


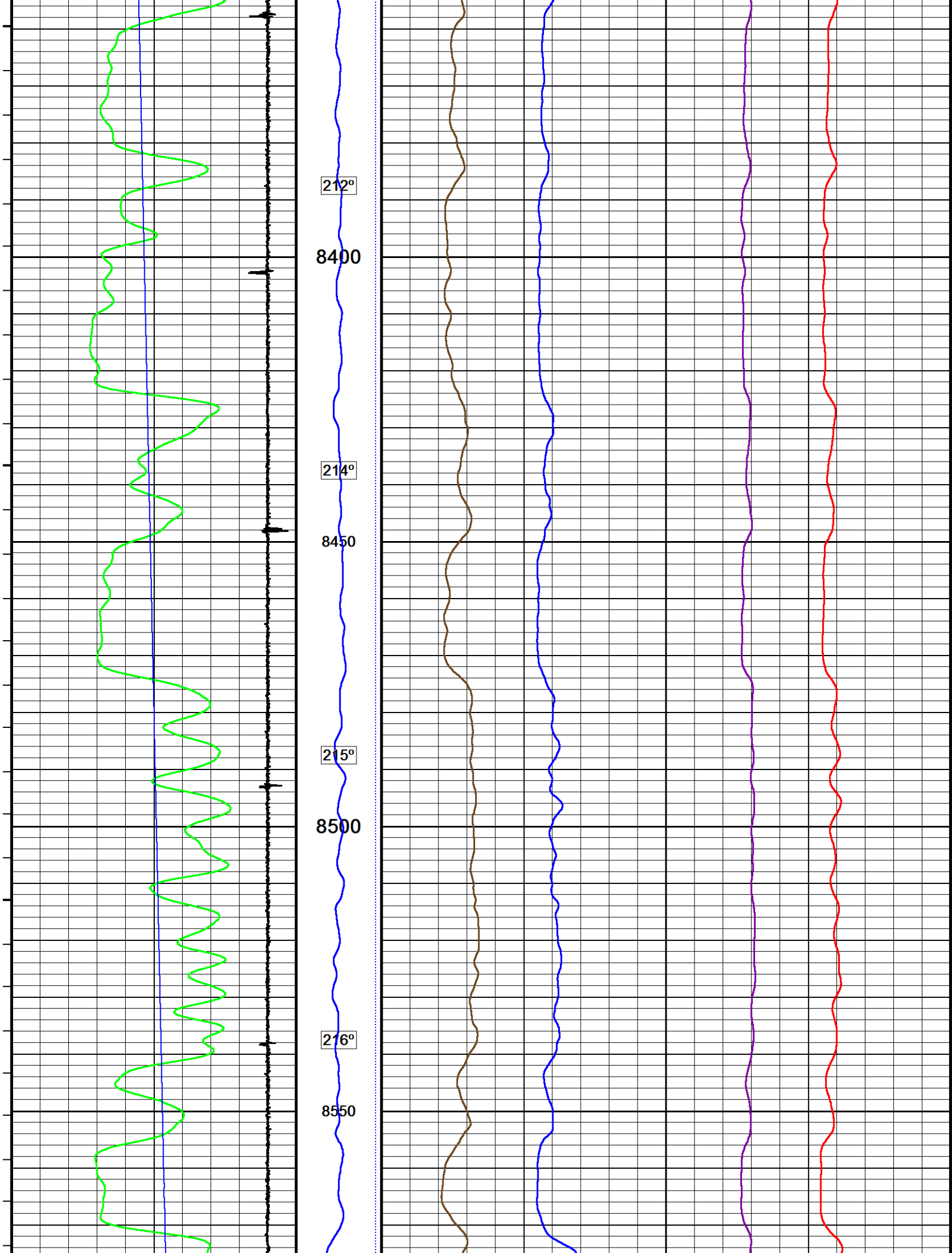


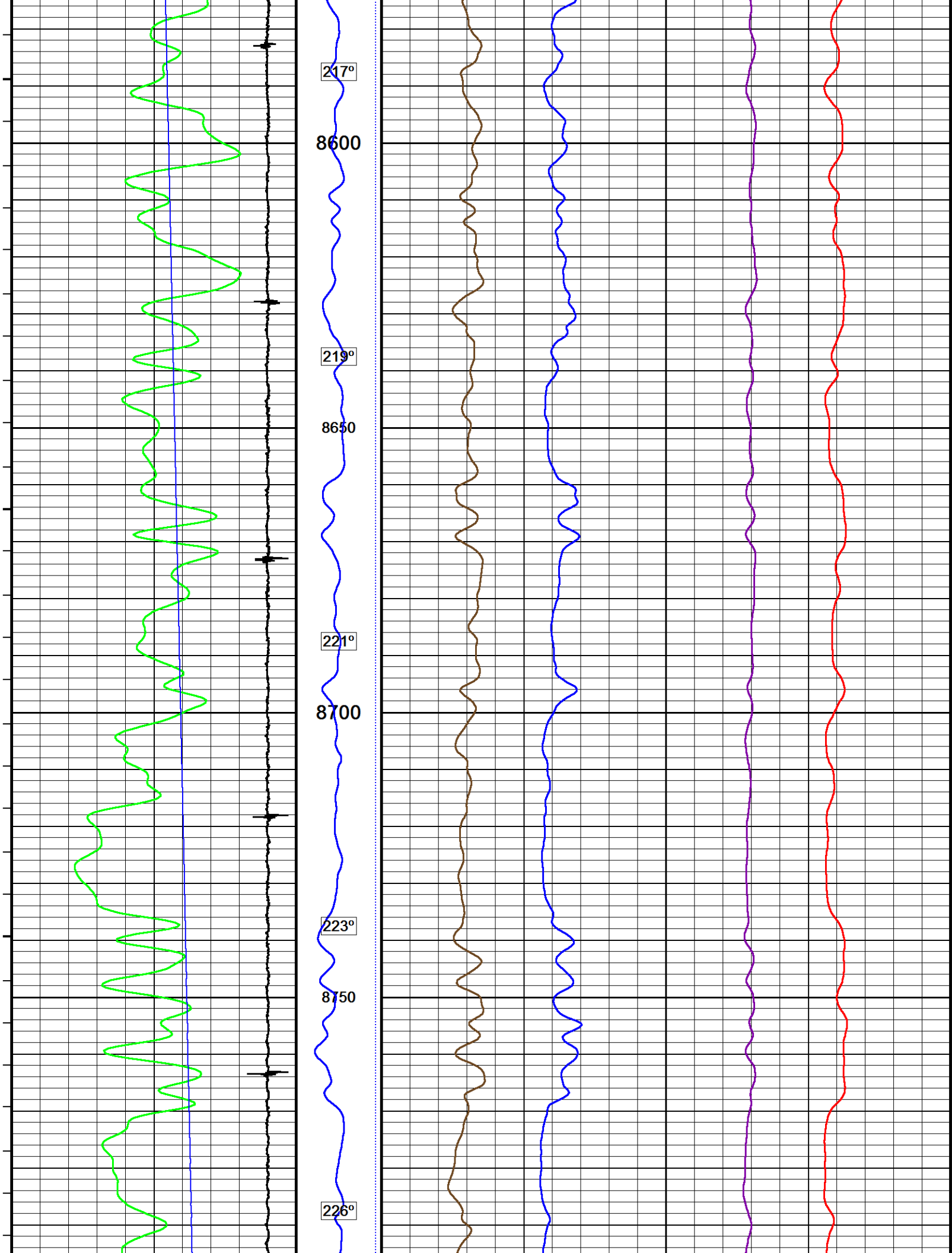


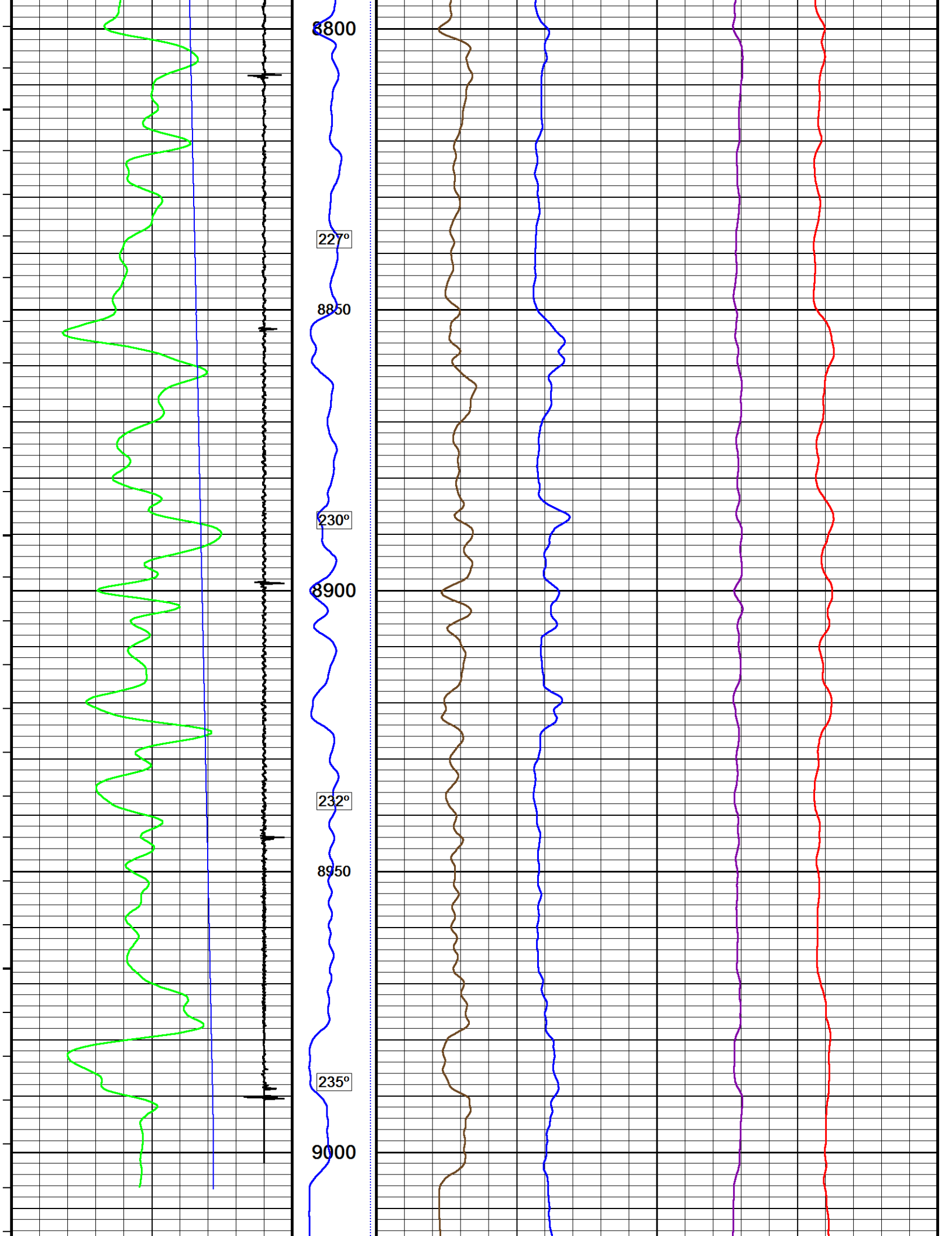


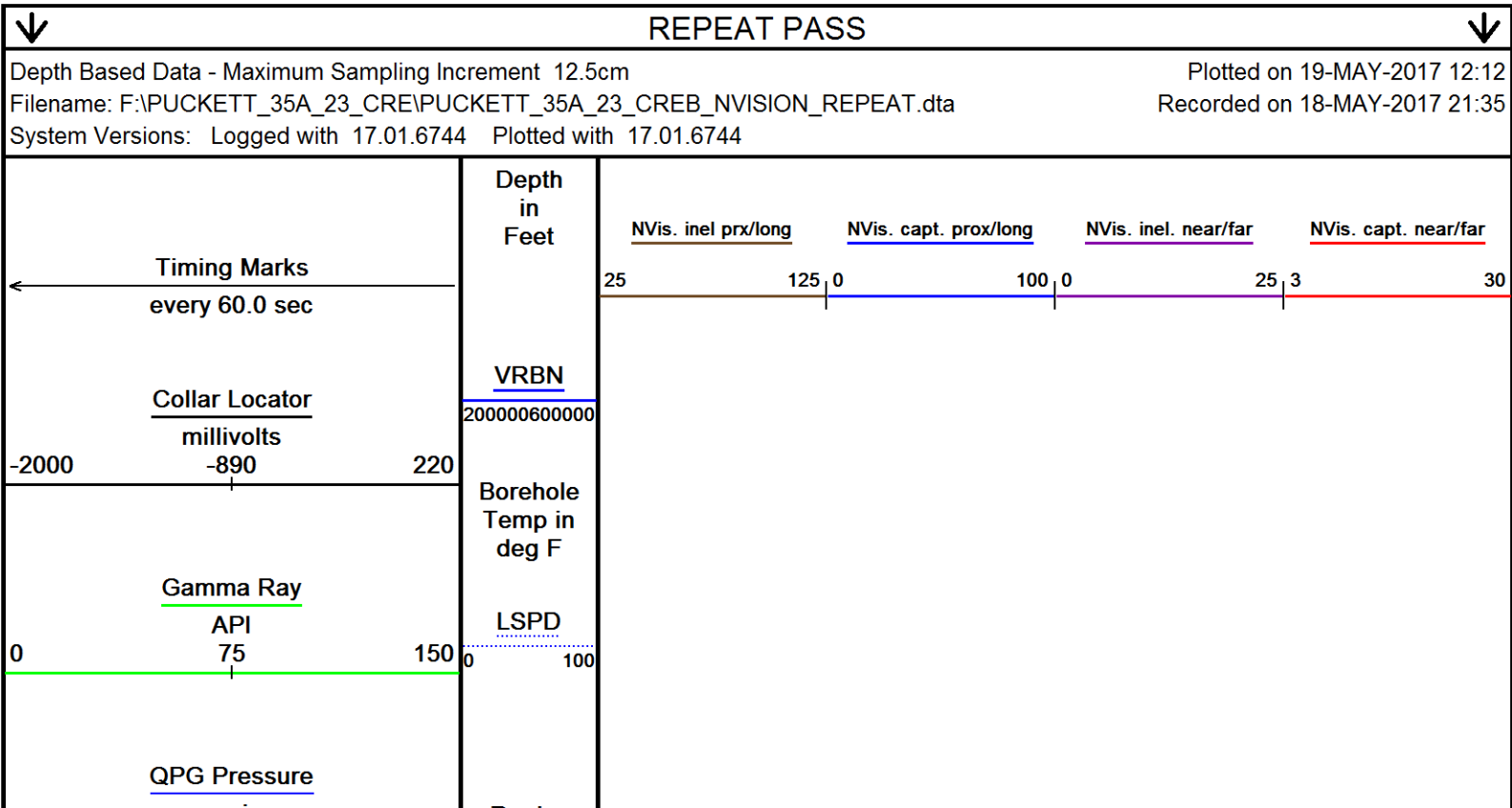
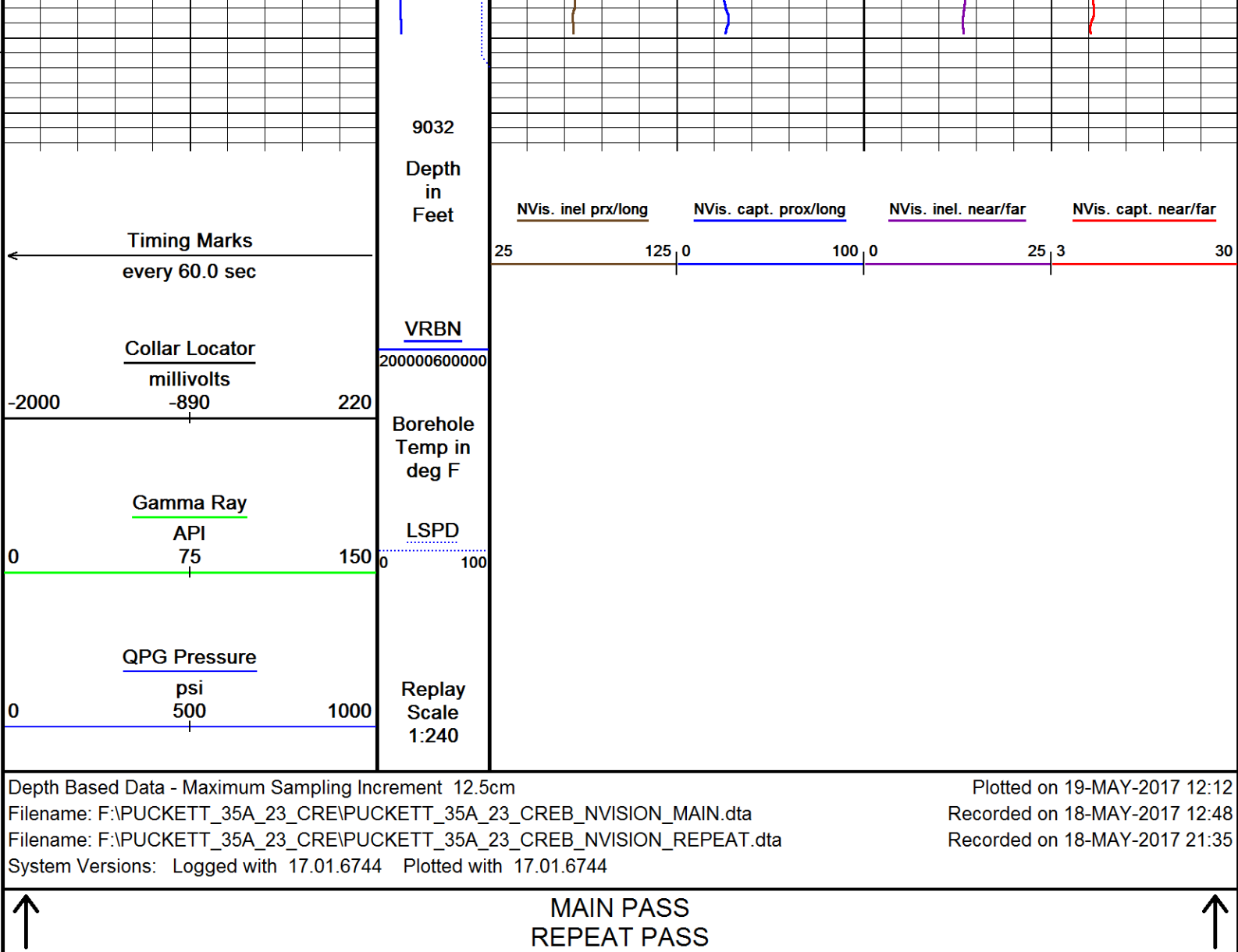


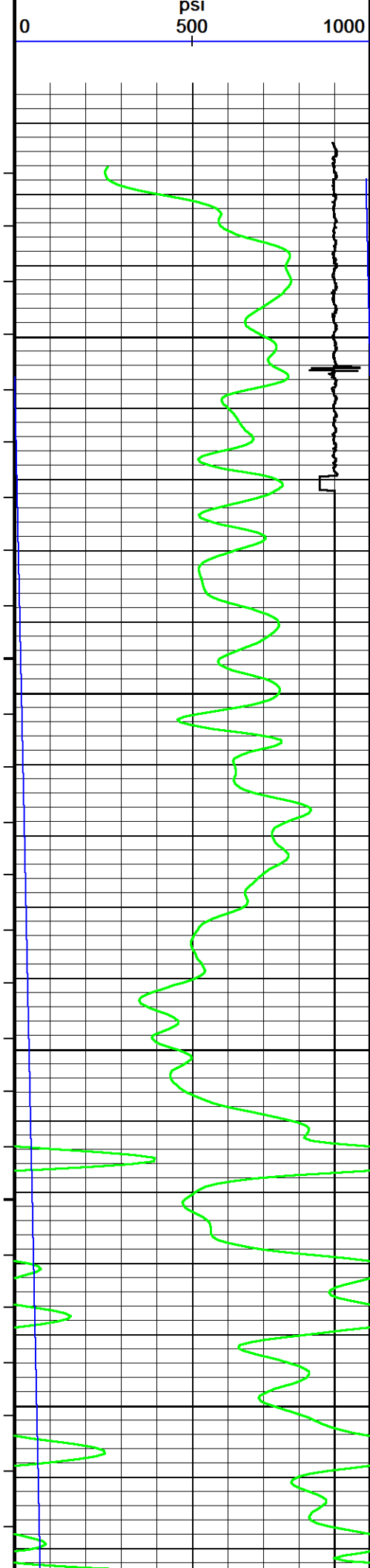












Replay  
Scale  
1:240

4966

5000

149°

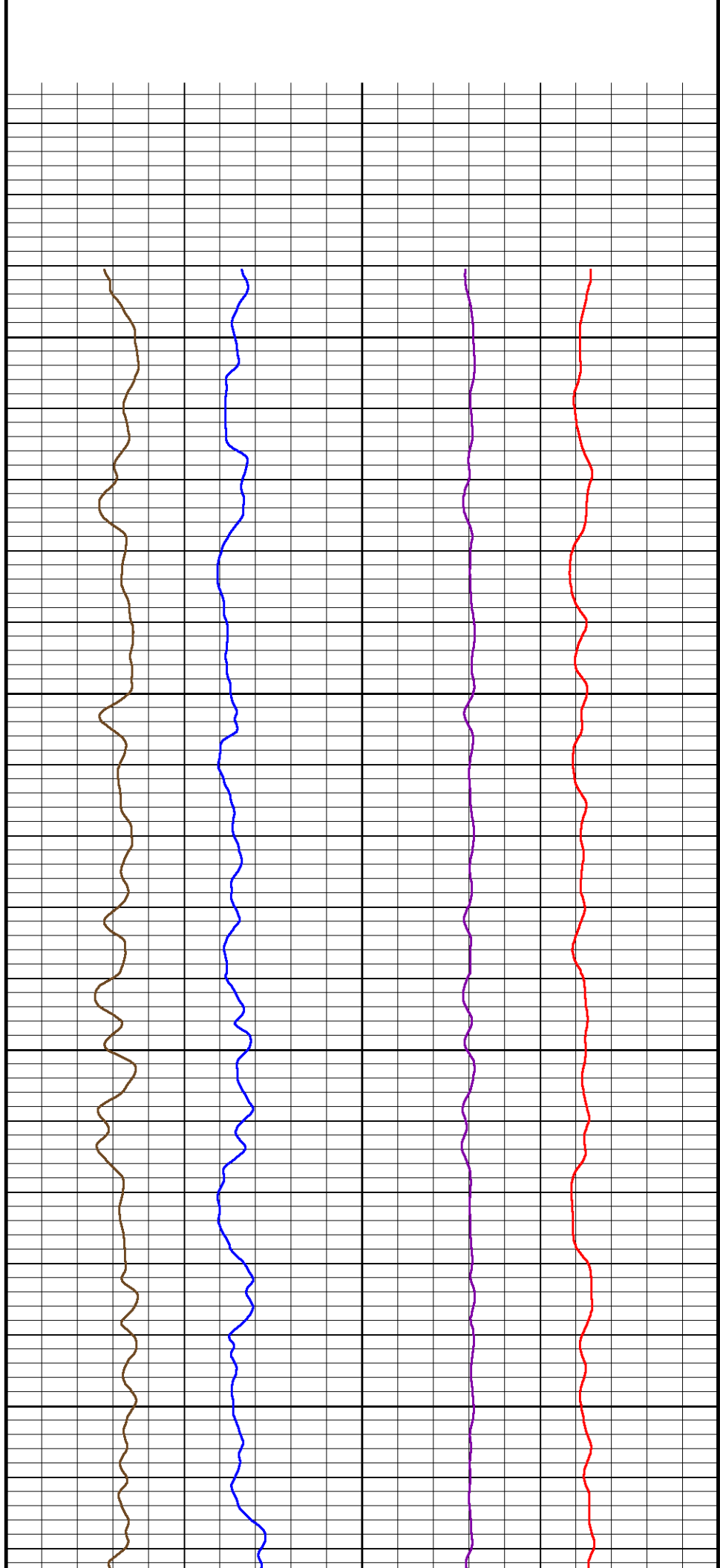
5050

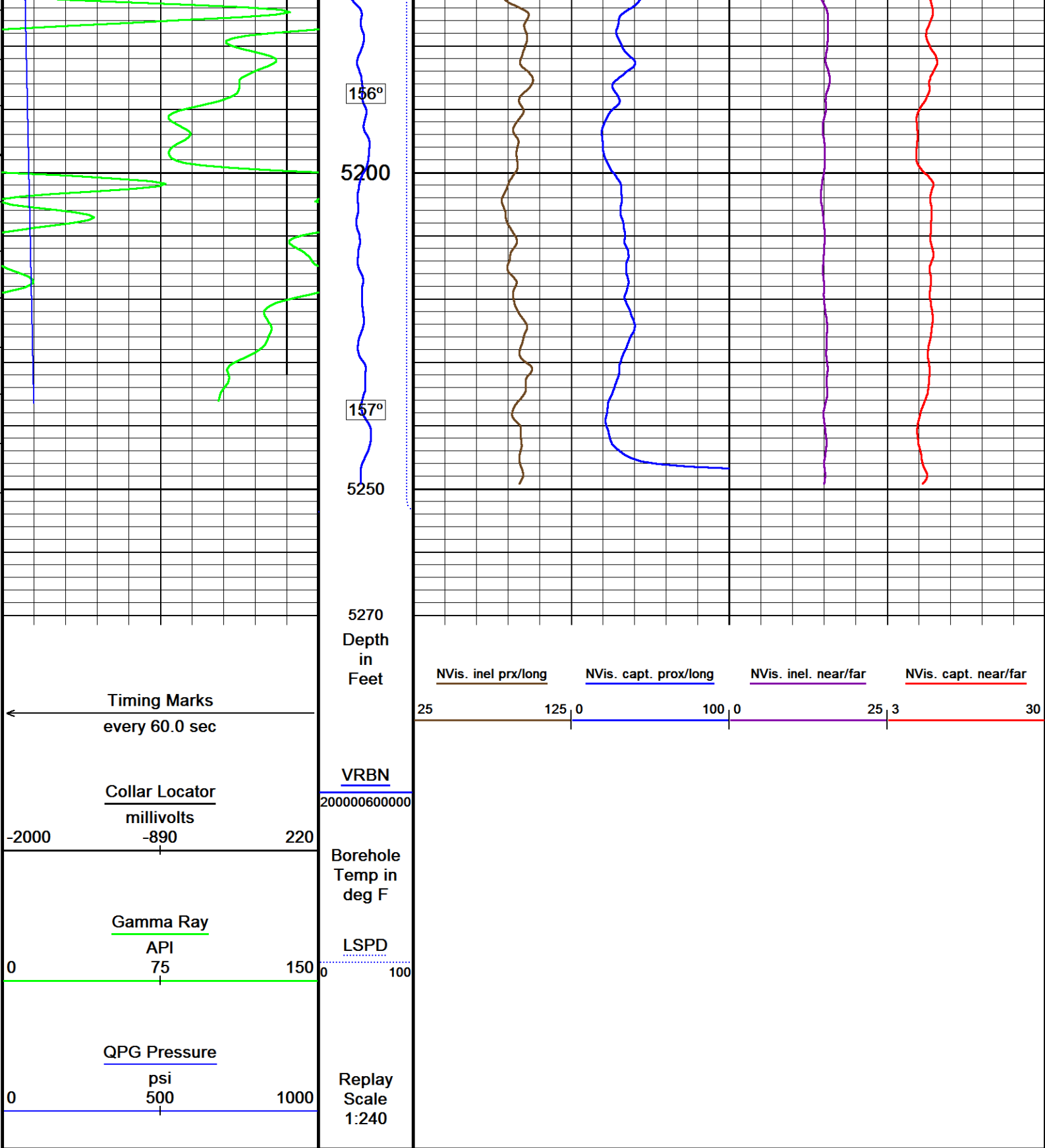
151°

5100

154°

5150





Depth Based Data - Maximum Sampling Increment 12.5cm  
Filename: F:\PUCKETT\_35A\_23\_CRE\PUCKETT\_35A\_23\_CREB\_NVISION\_REPEAT.dta  
System Versions: Logged with 17.01.6744 Plotted with 17.01.6744

Plotted on 19-MAY-2017 12:12  
Recorded on 18-MAY-2017 21:35

↑ REPEAT PASS ↑

DOWNHOLE EQUIPMENT  
F:\PUCKETT\_35A\_23\_CRE\PUCKETT\_35A\_23\_CREB\_NVISION\_MAIN.dta

Mono-Cablehead

MCH-AA 0 LG: 1.03 ft WT: 2.2 lb OD: 1.457 in

Comm Sub  
WCC-CB 130 LG: 5.97 ft WT: 24.3 lb OD: 1.693 in

Gamma Ray K  
UGR-KA 108 LG: 2.34 ft WT: 17.6 lb OD: 1.693 in

Quartz Press, Dual ITB, 43mm  
QPG-EA 141 LG: 2.23 ft WT: 8.8 lb OD: 1.693 in

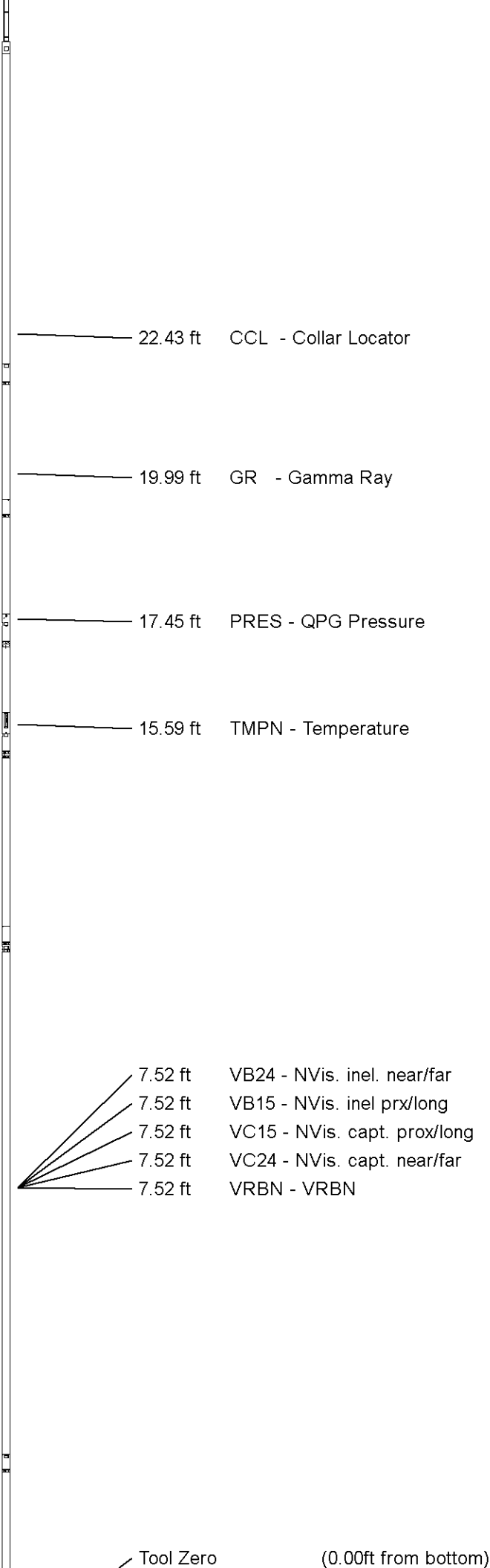
Tool Temperature, 43mm, 177C, 10-pin ITB  
TMP-NA 137 LG: 1.93 ft WT: 8.8 lb OD: 1.693 in

CRE series II processor section  
CRP-BA 129 LG: 3.31 ft WT: 15.4 lb OD: 1.654 in

Casing Reservoir Evaluation Tool Sonde  
CRM-BA 129 LG: 9.19 ft WT: 46.3 lb OD: 1.693 in

Gamma Ray K  
UGR-KA 131 LG: 2.34 ft WT: 17.6 lb OD: 1.693 in

Terminator sub  
TSH-C 0 LG: 0.27 ft WT: 2.2 lb OD: 1.654 in





## SHOP AND FIELD CALIBRATIONS

F:\PUCKETT\_35A\_23\_CRE\PUCKETT\_35A\_23\_CREB\_NVISION\_MAIN.dta

UGK Before Survey Cal UGR-KA 108

Field calibration on 26-APR-2017 13:22

Gamma Ray Before Survey Calibration

Tool Type: UGR-KA  
Calibrator No: MCGGRCC144

Serial No: 108

Background Calibrator Standard Units

39.7 852.4 486.5 API

Delta Counts Per Sec: 812.7 CPS/API = 1.671

QPG Master Calibration QPG-EA 141

## Gauge

Serial Number 224867

Calibration Date 03 Apr 2013

Gauge Type QHB108-16-177

Base Check Date

Max Pressure 16000 PSI

Max Temperature 177 Deg C

Min Pressure 13 PSI

Min Temperature 25 Deg C

## Pressure

Pressure polynomial order 3

Temperature polynomial order 3

T0 T1 T2 T3 T4

P0 12.1908 0.549635 -0.0194284 1.05432e-005

P1 1.05432e-005 41.812 -0.0210446 2.67737e-005

P2 2.67737e-005 -5.40686e-008 -0.00200716 8.54172e-006

P3 8.54172e-006 -4.39823e-008 2.01386e-011 6.62637e-007

P4

## Temperature

Temperature polynomial order 3

T0 T1 T2 T3 T4

24.9381 -0.729899 -0.00085548 -6.84964e-007

Temperature Tool Shop Survey Calibration    TMP-NA 137

Temperature Tool Shop Survey Calibration

Tool Type: TMP-NA                      Serial No: 137

calibration

Standard		Measured
32	DEGF	36714 Hz
212	DEGF	50849 Hz

UGK Before Survey Cal    UGR-KA 131

Field Calibration on 26-APR-2017 13:52

Gamma Ray Before Survey Calibration


Tool Type: UGR-KA                      Serial No: 131

Calibrator No: MCGGRCC144

Background	Calibrator	Standard	Units
27.9	848.9	486.5	API

Delta Counts Per Sec: 821.0                      CPS/API = 1.688

COMPANY	CAERUS OIL & GAS				
WELL	PUCKETT 35A-23				
FIELD	GRAND VALLEY				
PROVINCE/COUNTY	GARFIELD				
COUNTRY/STATE	USA / COLORADO				
Elevation Kelly Bushing	8426	feet	Bottom Log Interval	9025.00	feet
Elevation Drill Floor	8426	feet	Depth Driller	9113.00	feet
Elevation Ground Level	8396	feet	Depth Logger	9025.00	feet

 **Weatherford**<sup>®</sup>

RAPTOR NVISION LOG