 Weatherford®				RAPTOR NVISION LOG			
COMPANY WELL FIELD PROVINCE/COUNTY COUNTRY/STATE LOCATION				CAERUS OIL & GAS PUCKETT 22B-26 GRAND VALLEY GARFIELD USA / COLORADO			
SEC 26	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			20-MAY-2017		PERFORATION RECORD		
Run Number	ONE		Shot	Number	Depth From	Depth To	
Service Order	182495211		Density	of Shots	feet	feet	
Type Log	CREB						
Depth Driller	9054.00						
Depth Logger	9022.00						
Top Log Interval	5000.00						
Bottom Log Interval	9022.00						
Hole Fluid Type	WATER						
Hole Fluid Level	0.00						
Restriction ID	3.875						
Max Recorded Temp	235.00						
Well Head Pressure	0.00						
Well Head Equipment	N/A						
Time Well Ready	ROA						
Time Logger Bottom	0030						
Unit	14333						
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.

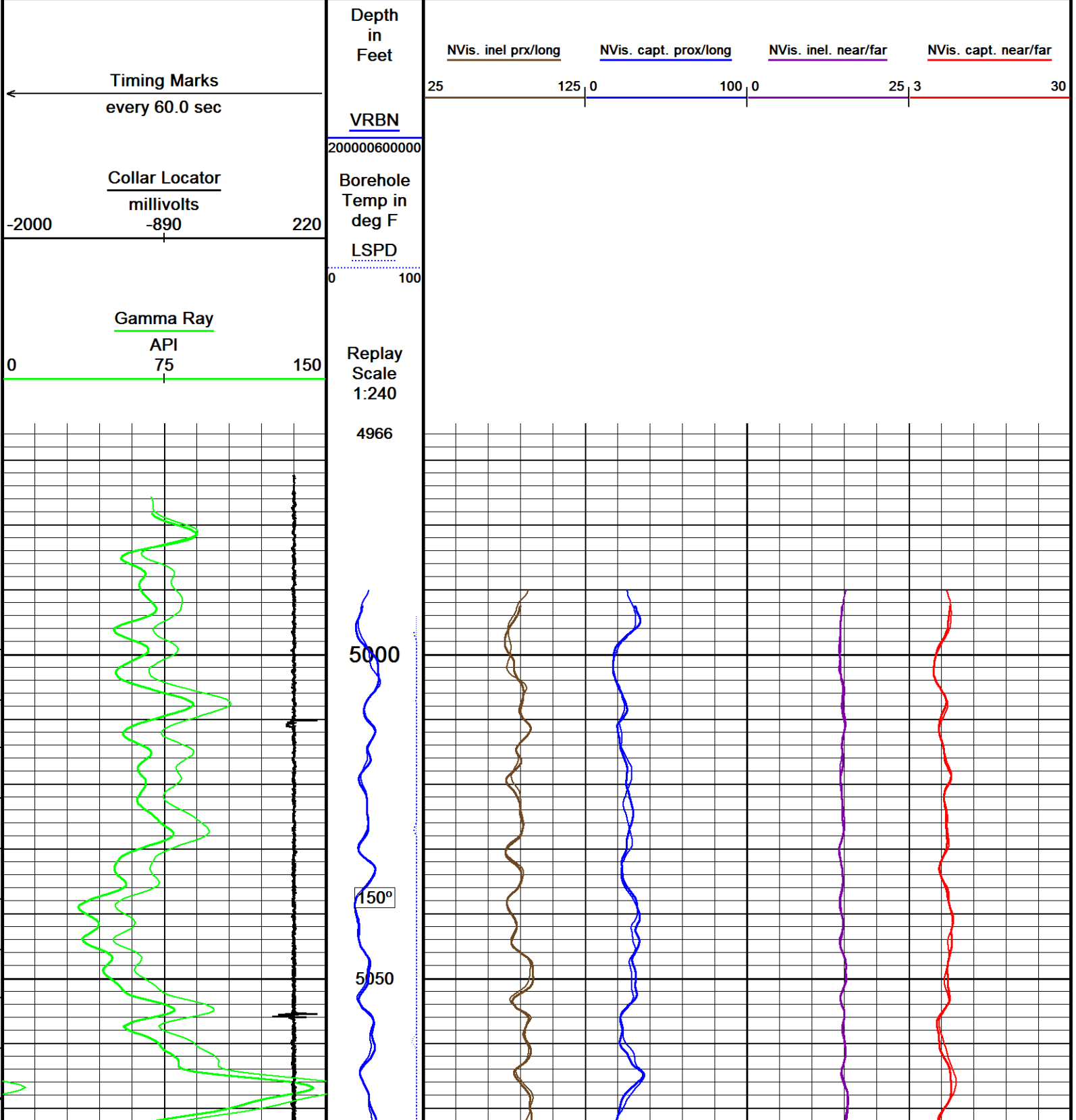
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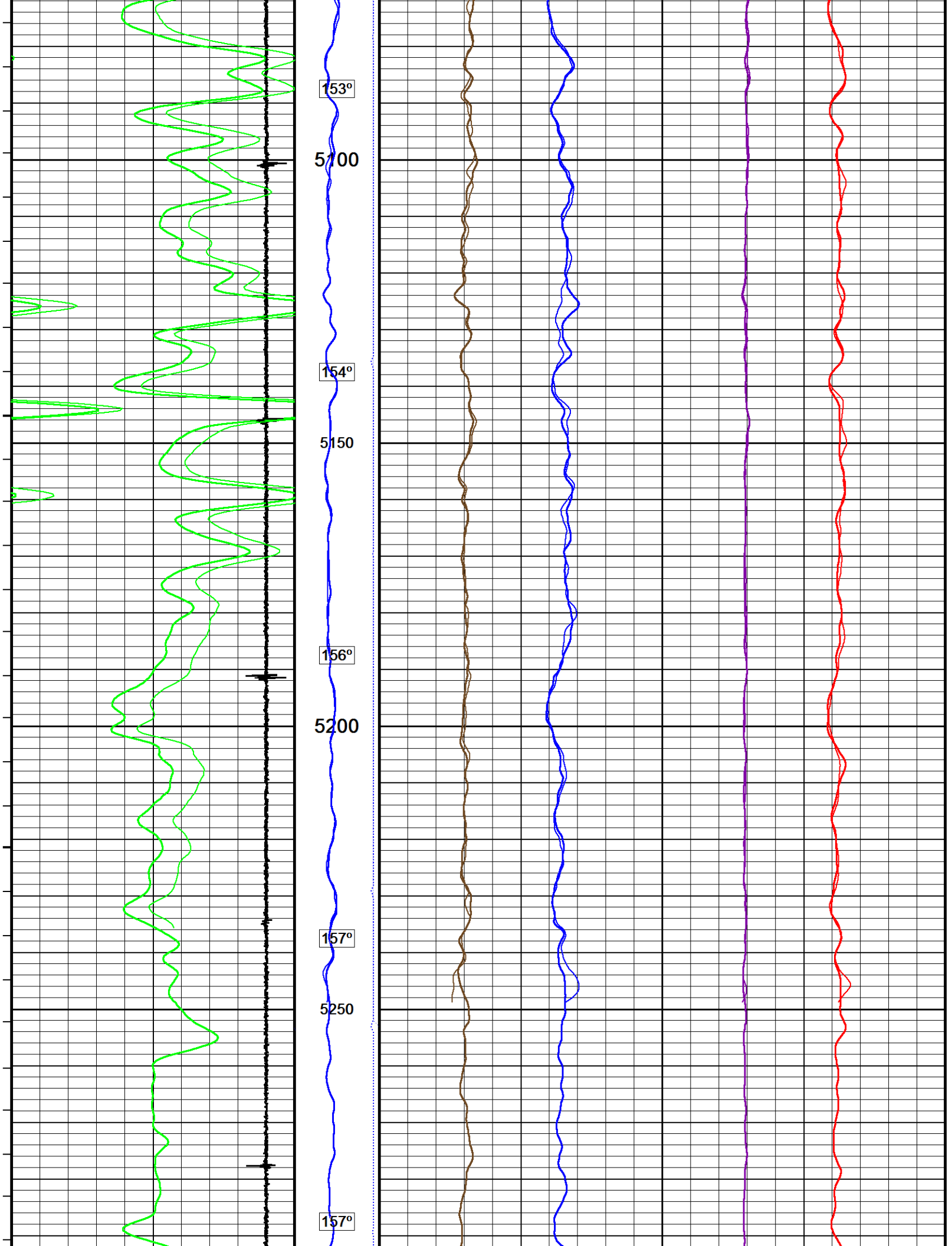
MAIN PASS
REPEAT PASS

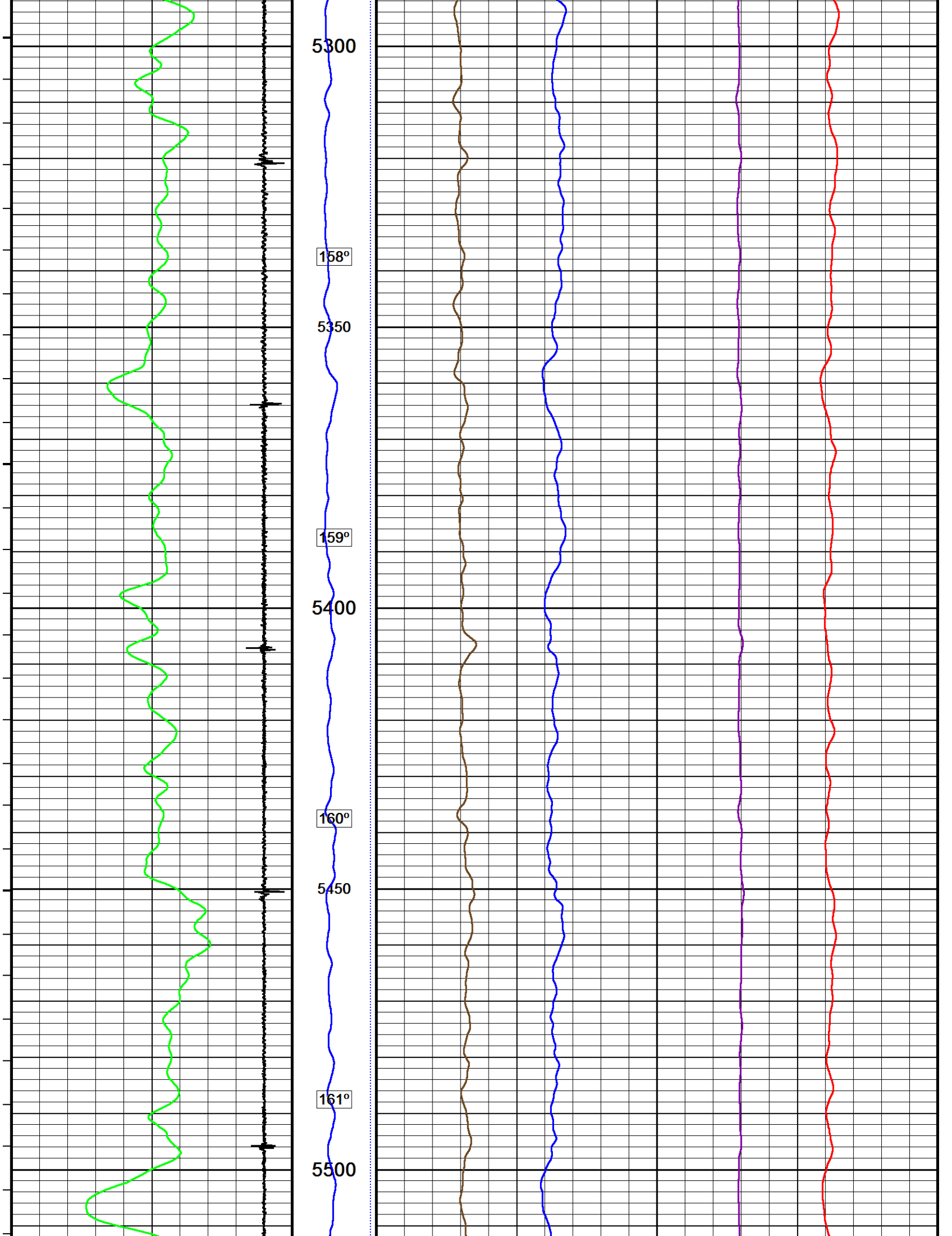
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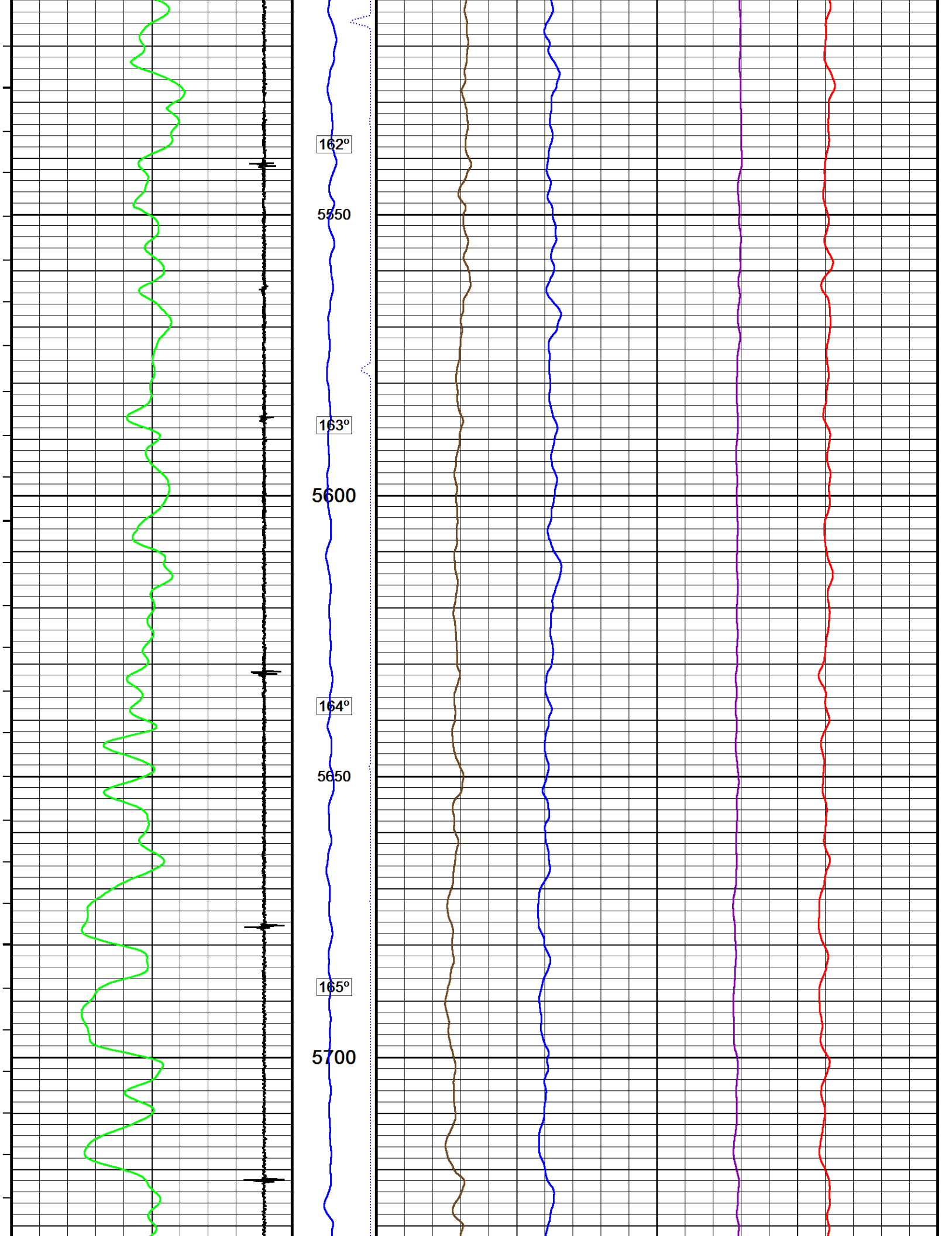
Depth Based Data - Maximum Sampling Increment 12.5cm
Filename: F:\PUCKETT_22B_26_CRE\PUCKETT_22B_26_CREB_NVISION_MAIN.dta
Filename: F:\PUCKETT_22B_26_CRE\PUCKETT_22B_26_CREB_NVISION_REPEAT.dta
System Versions: Logged with 17.01.6744 Plotted with 17.01.6744

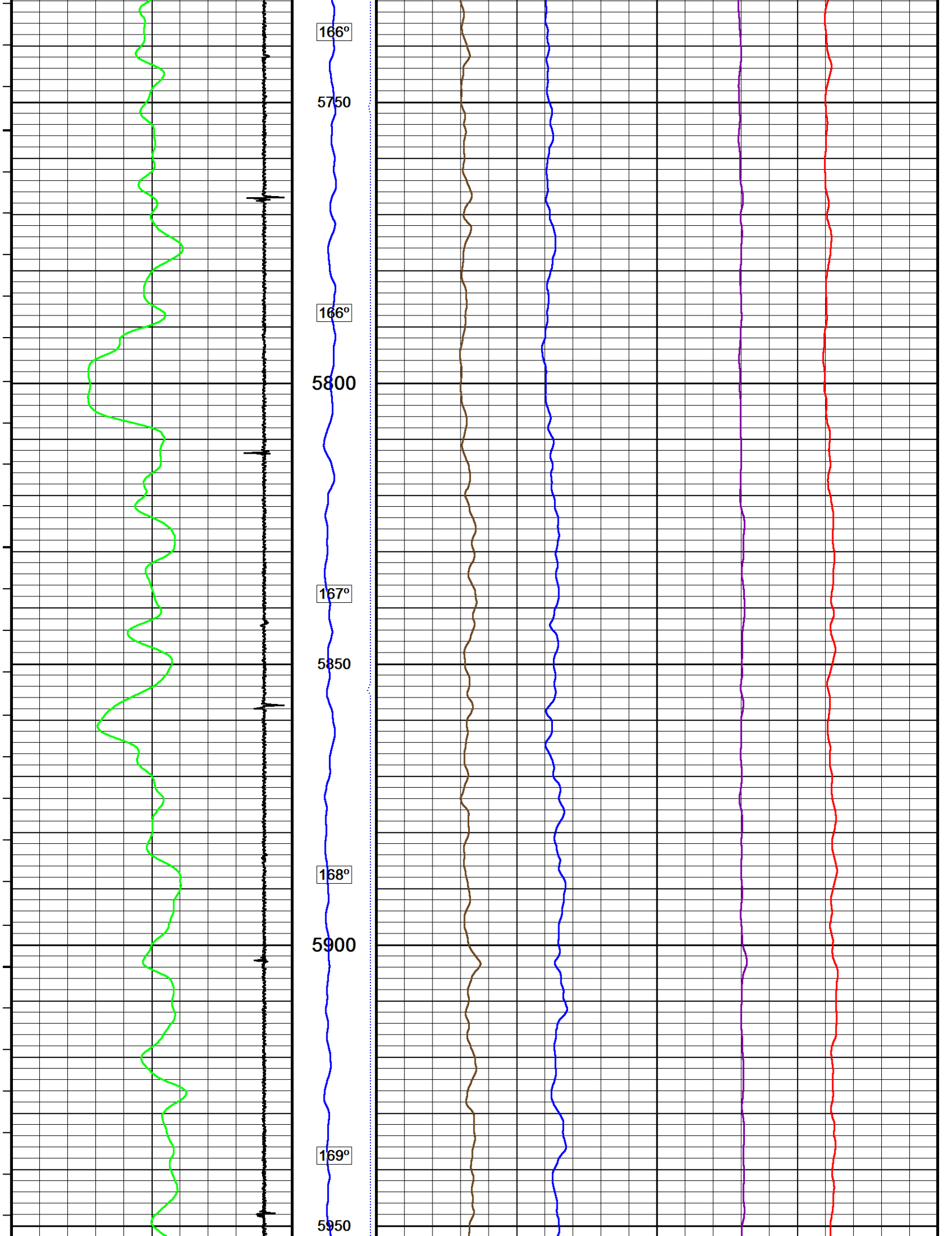
Plotted on 20-MAY-2017 12:52
Recorded on 20-MAY-2017 00:50
Recorded on 20-MAY-2017 10:10

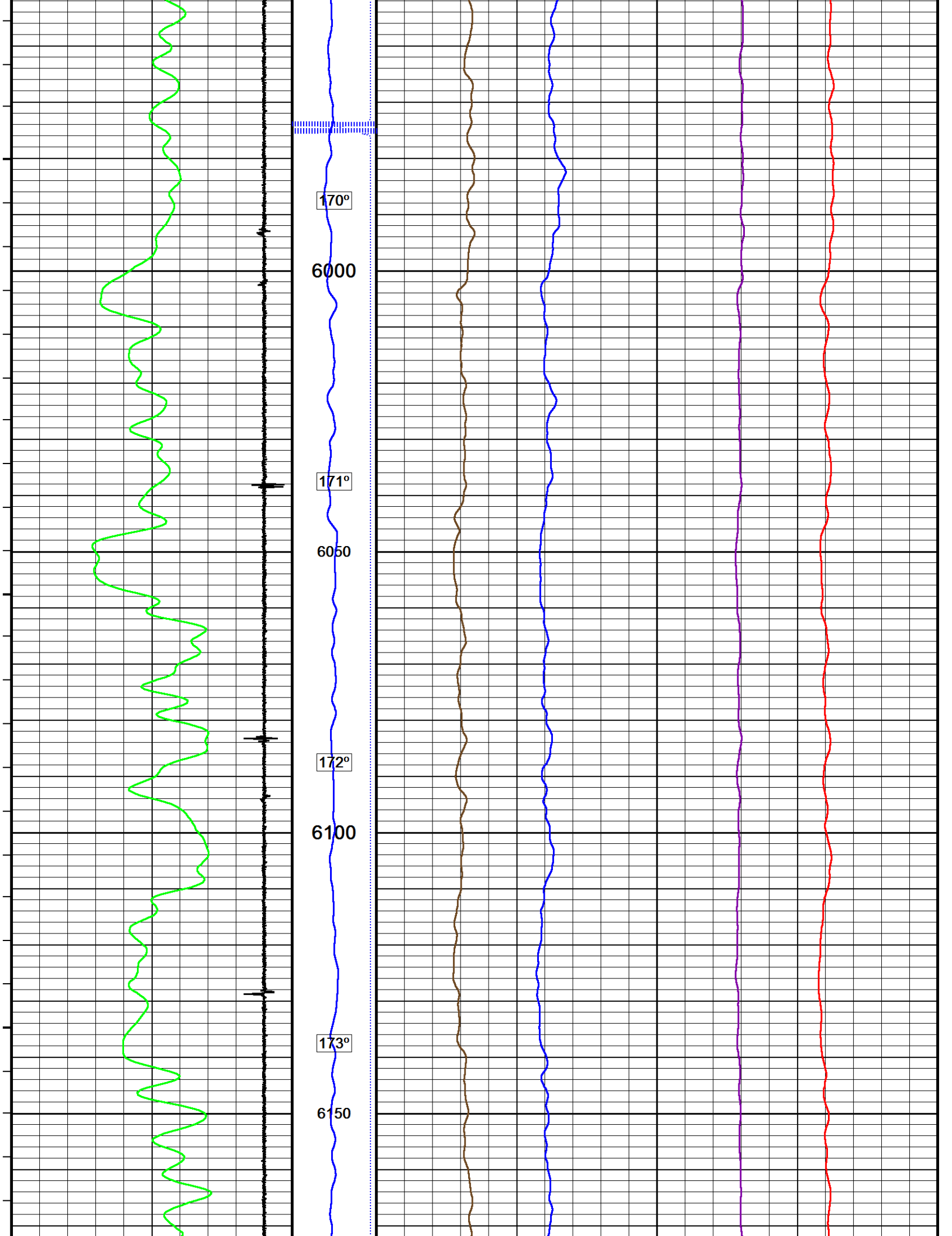


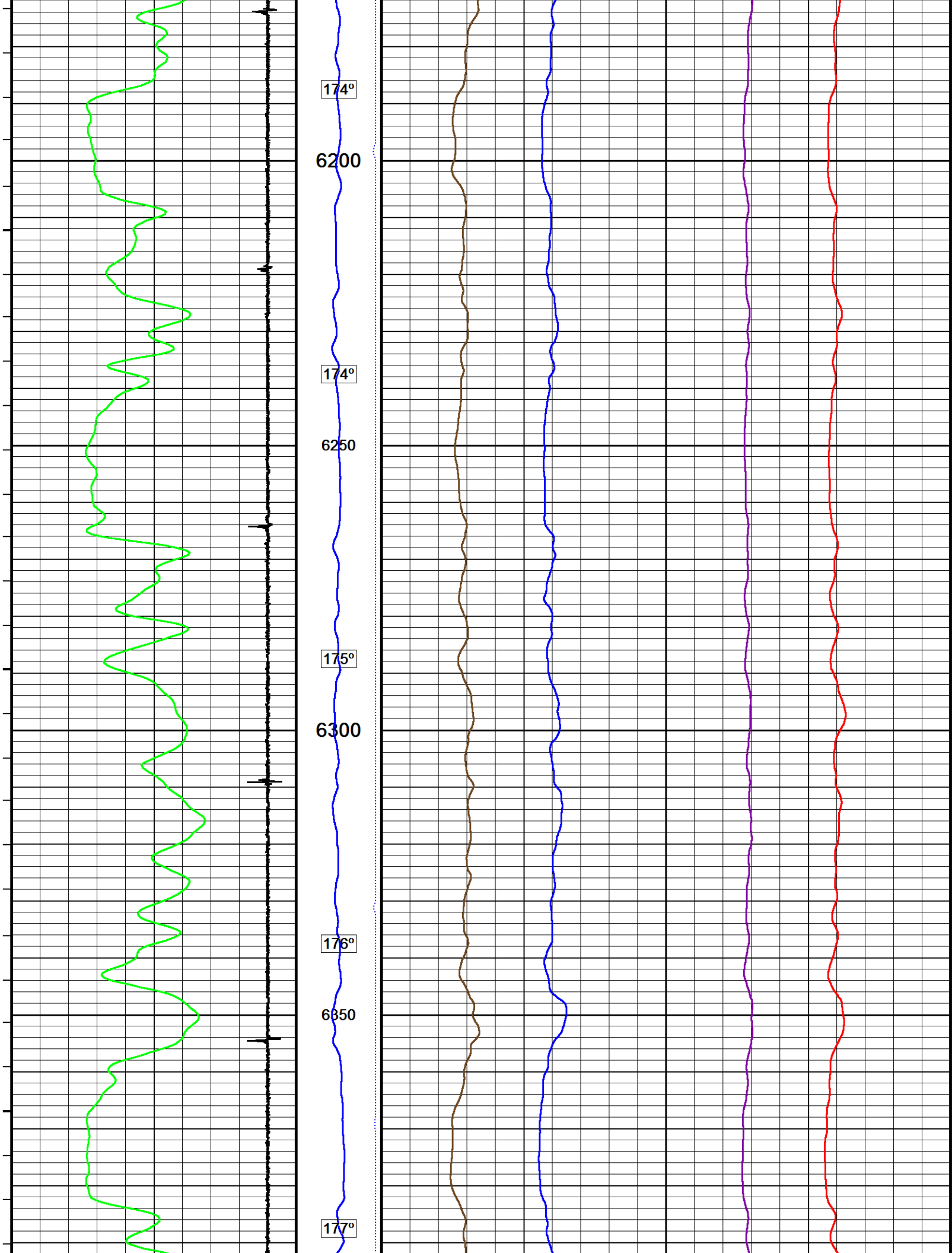


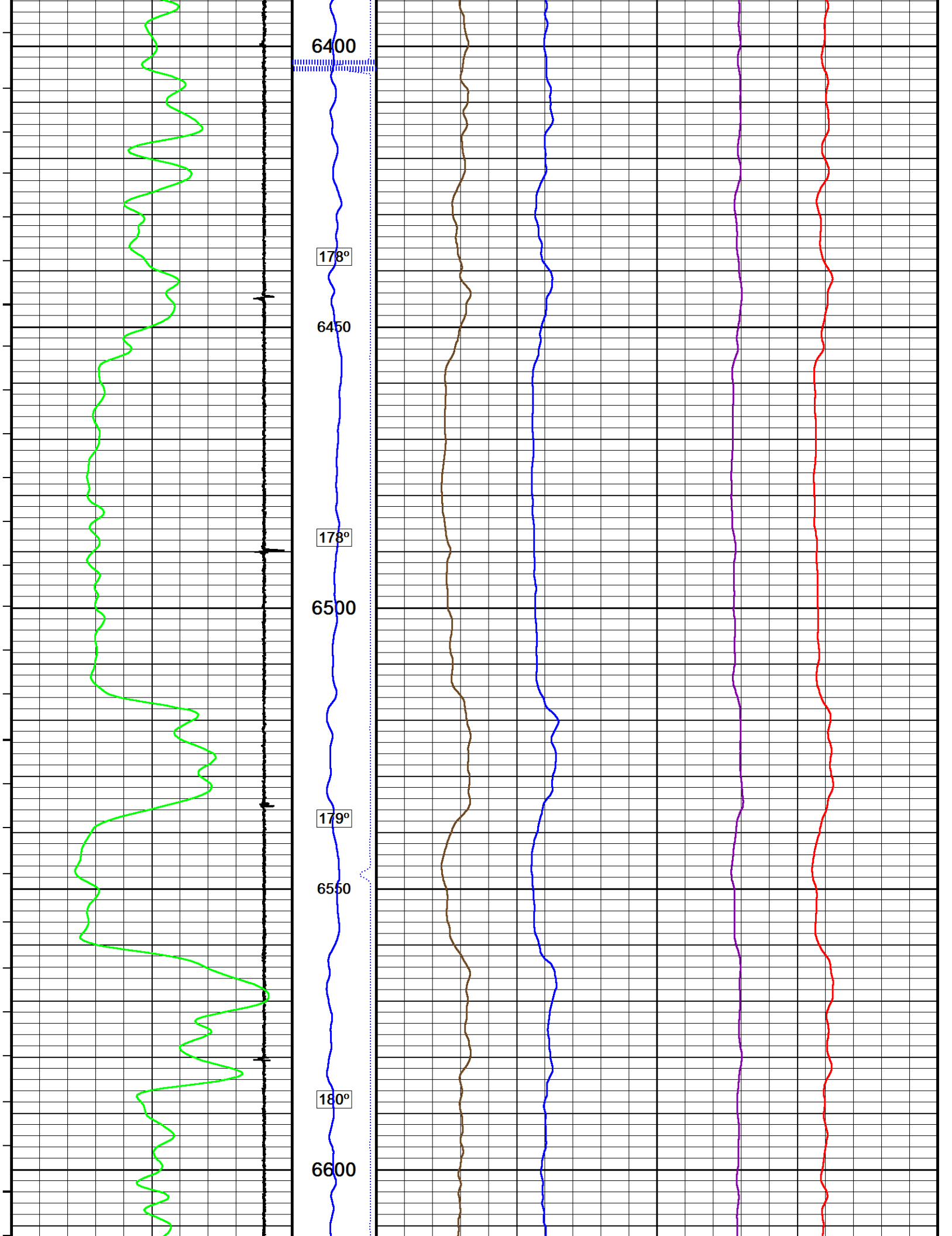


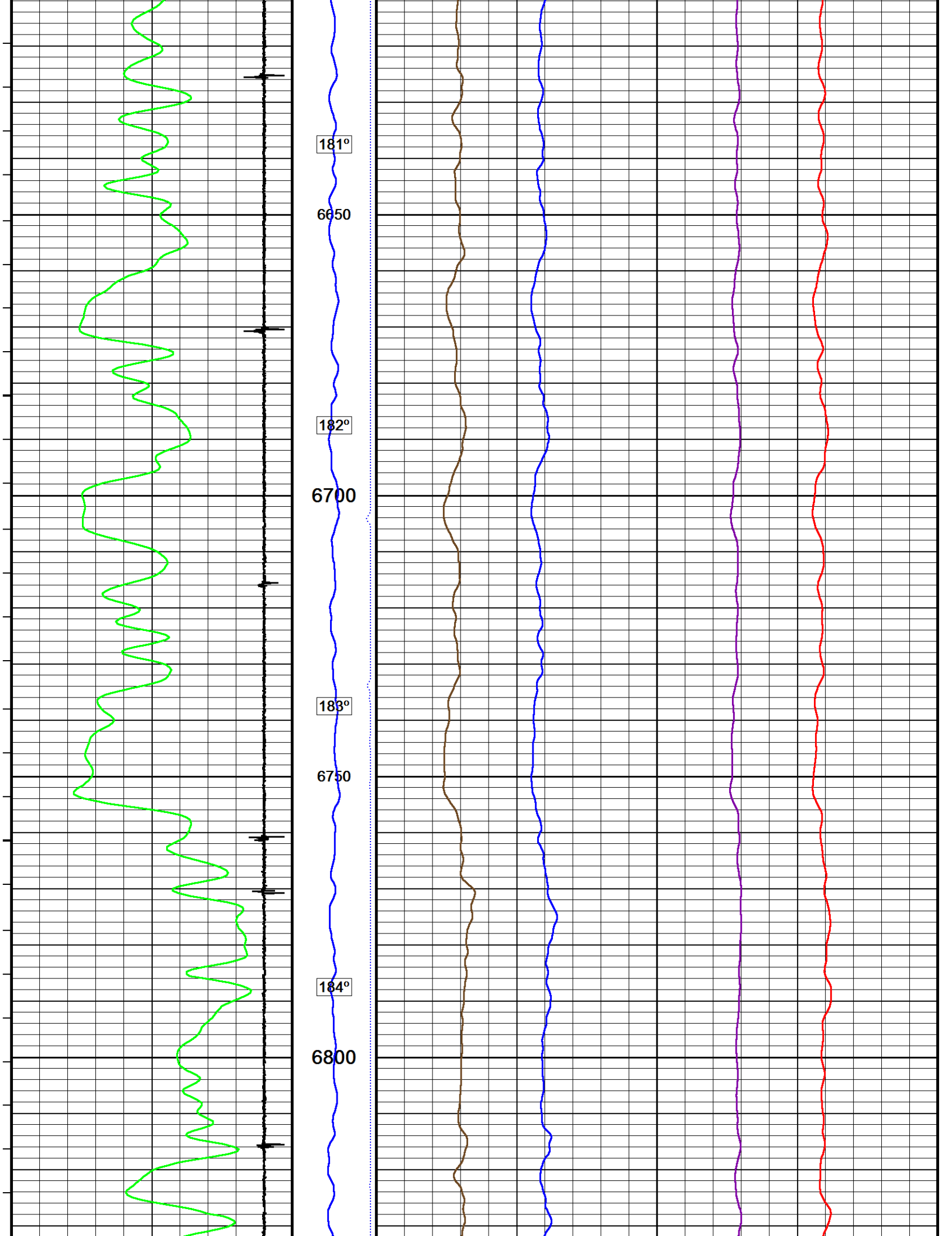


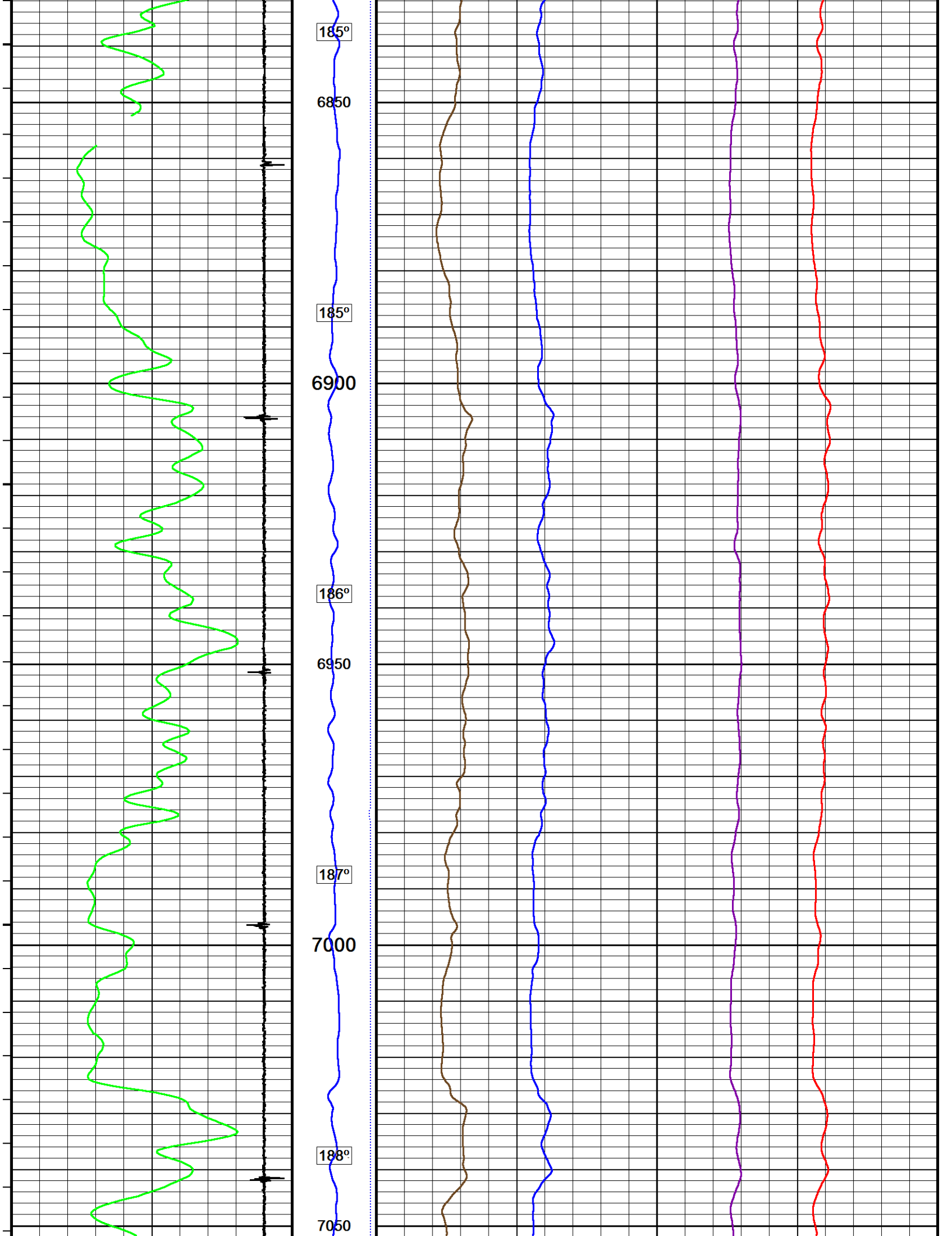


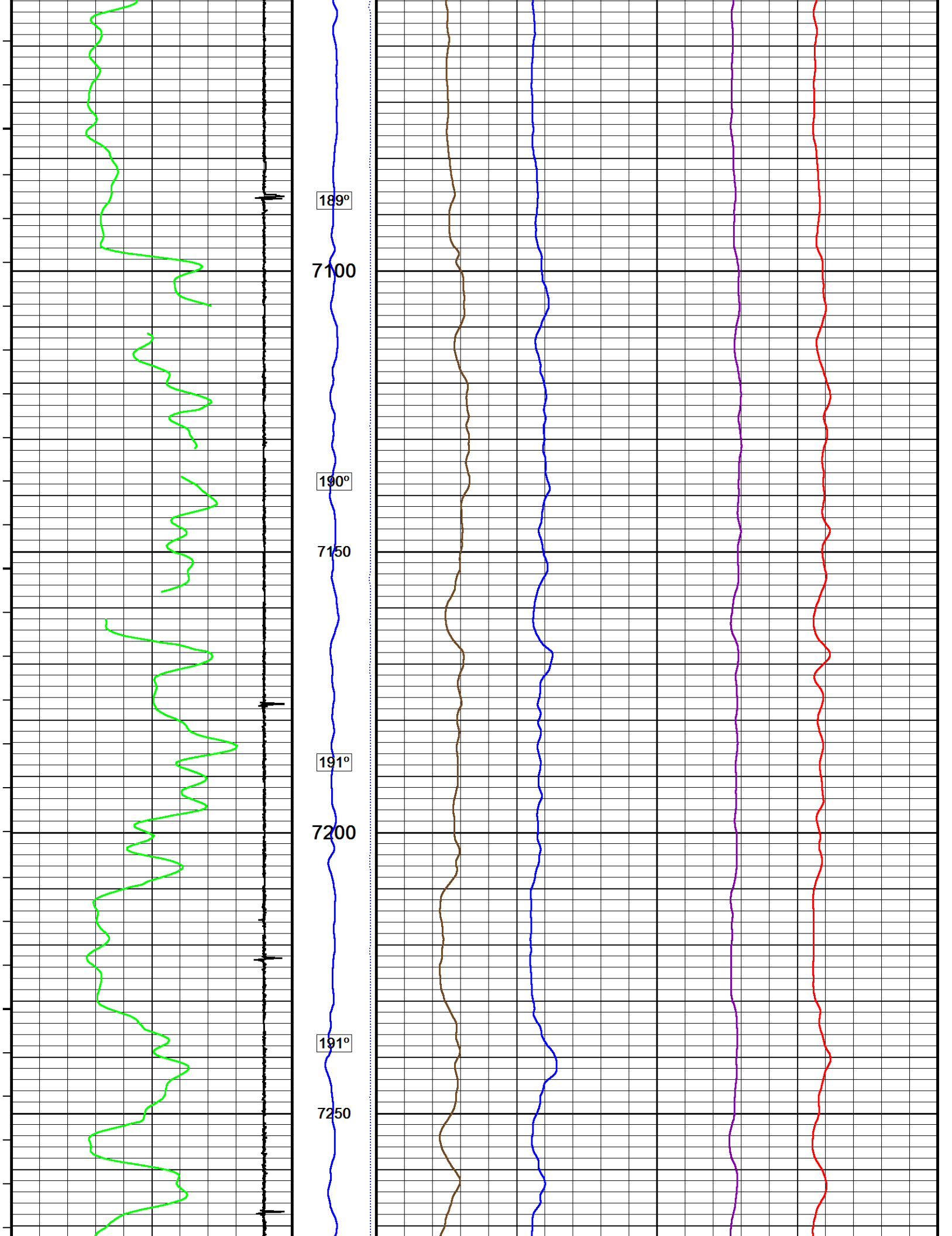


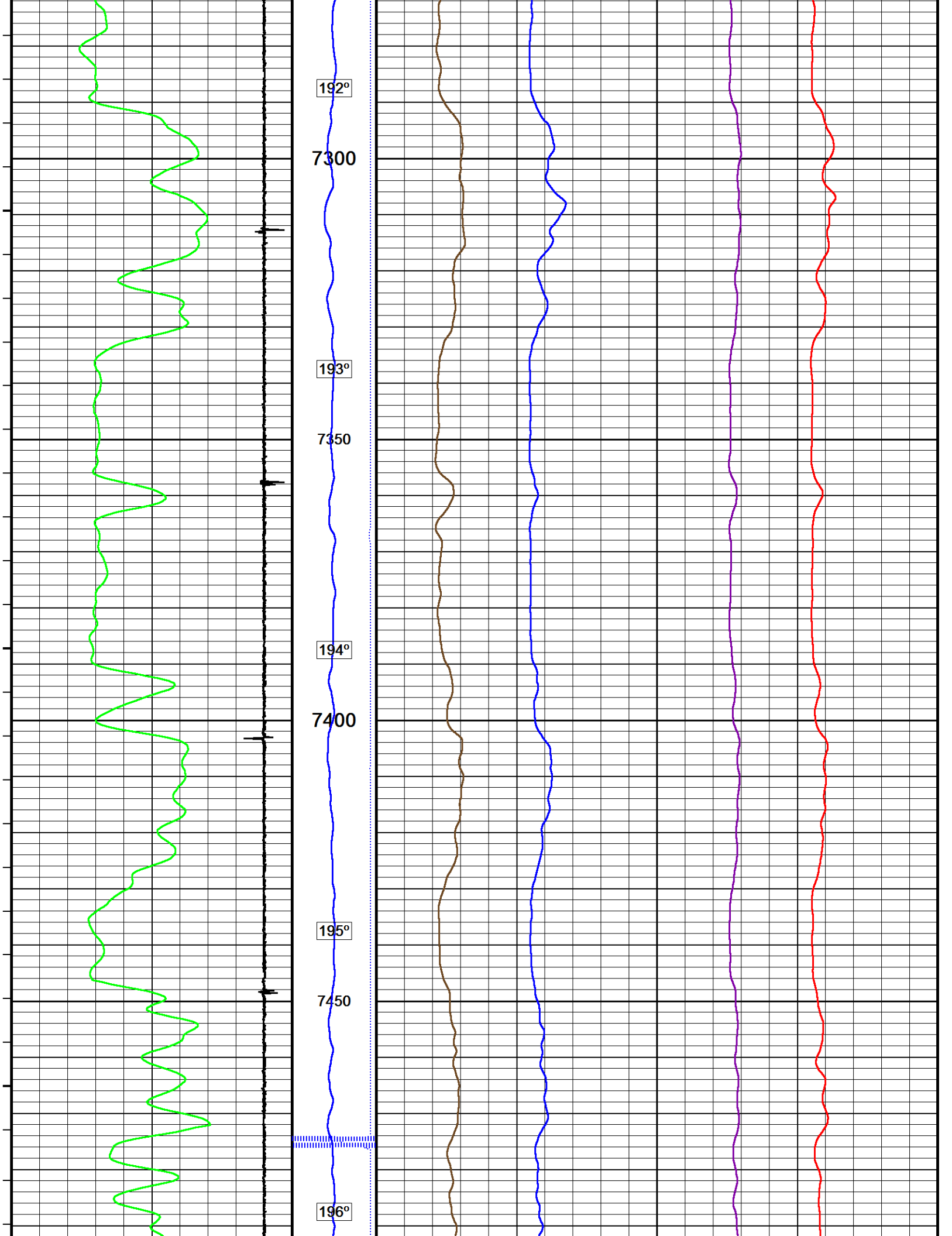


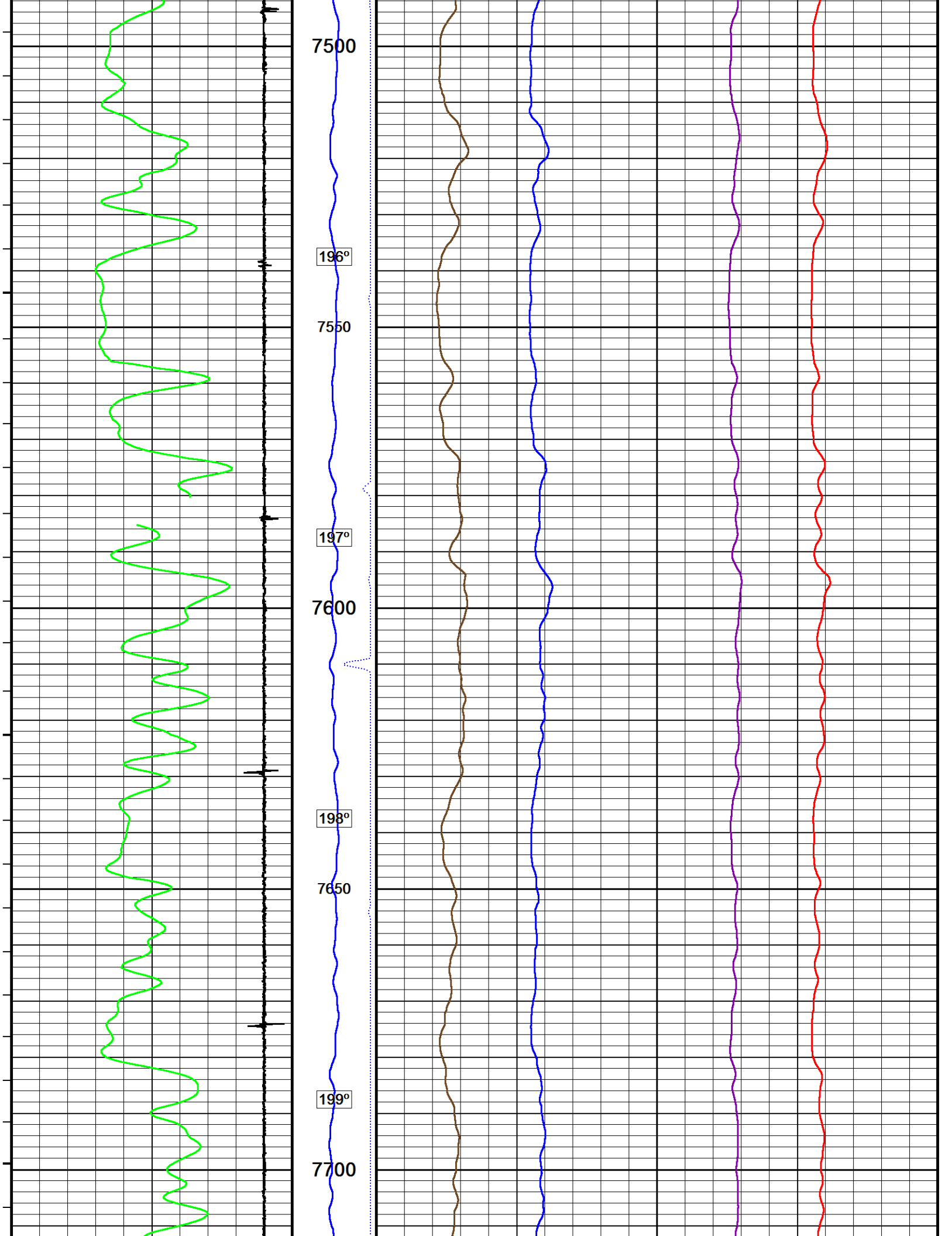


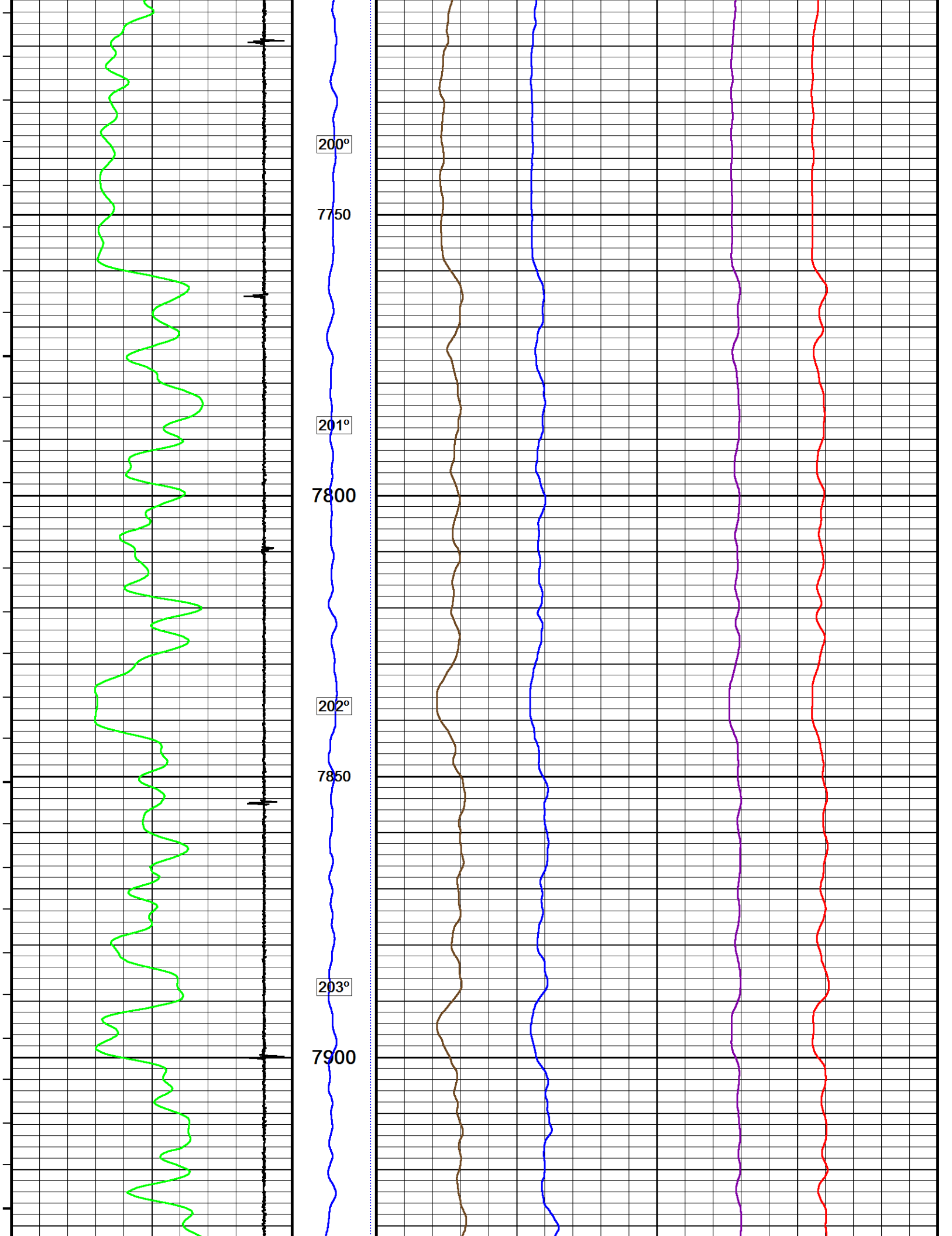


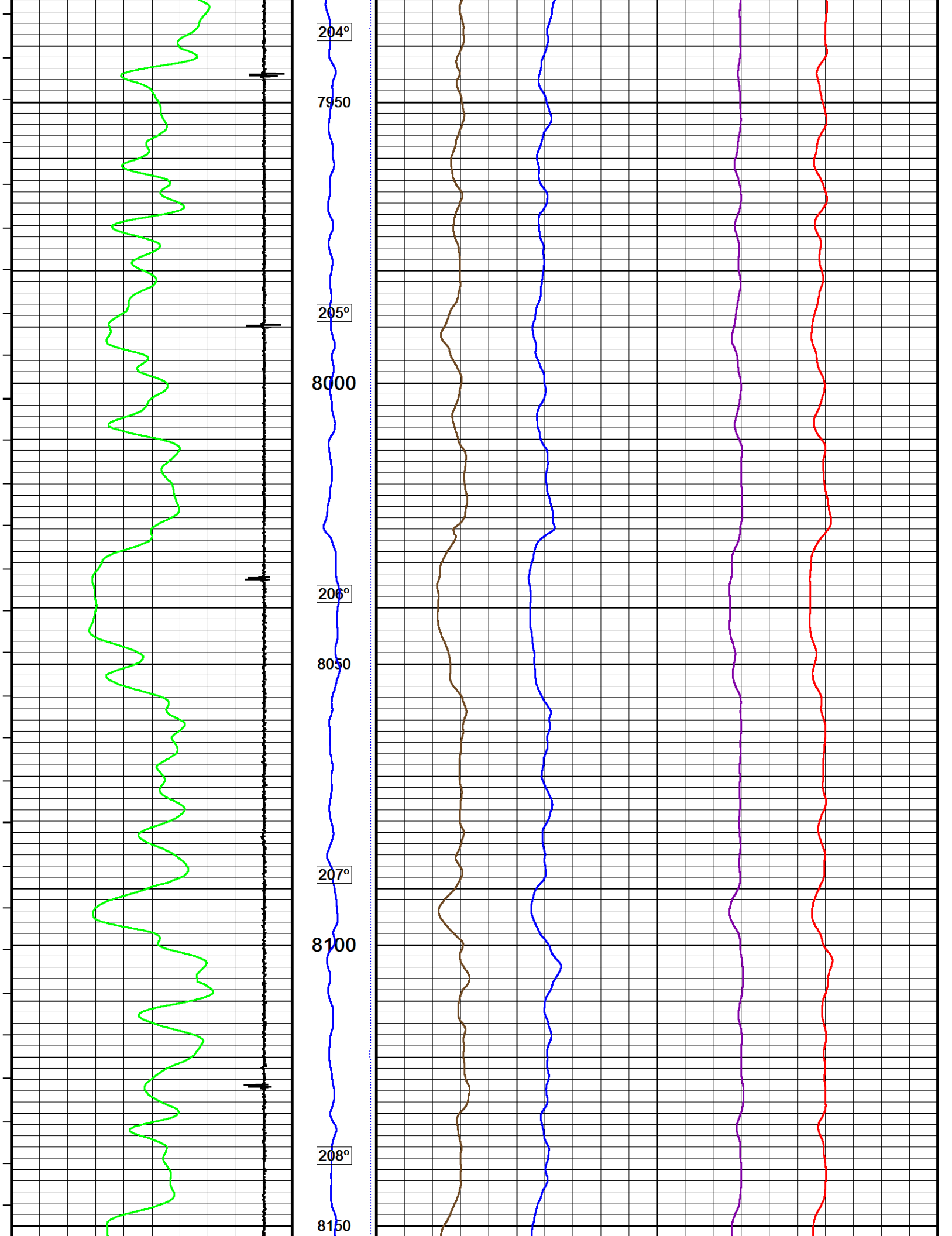


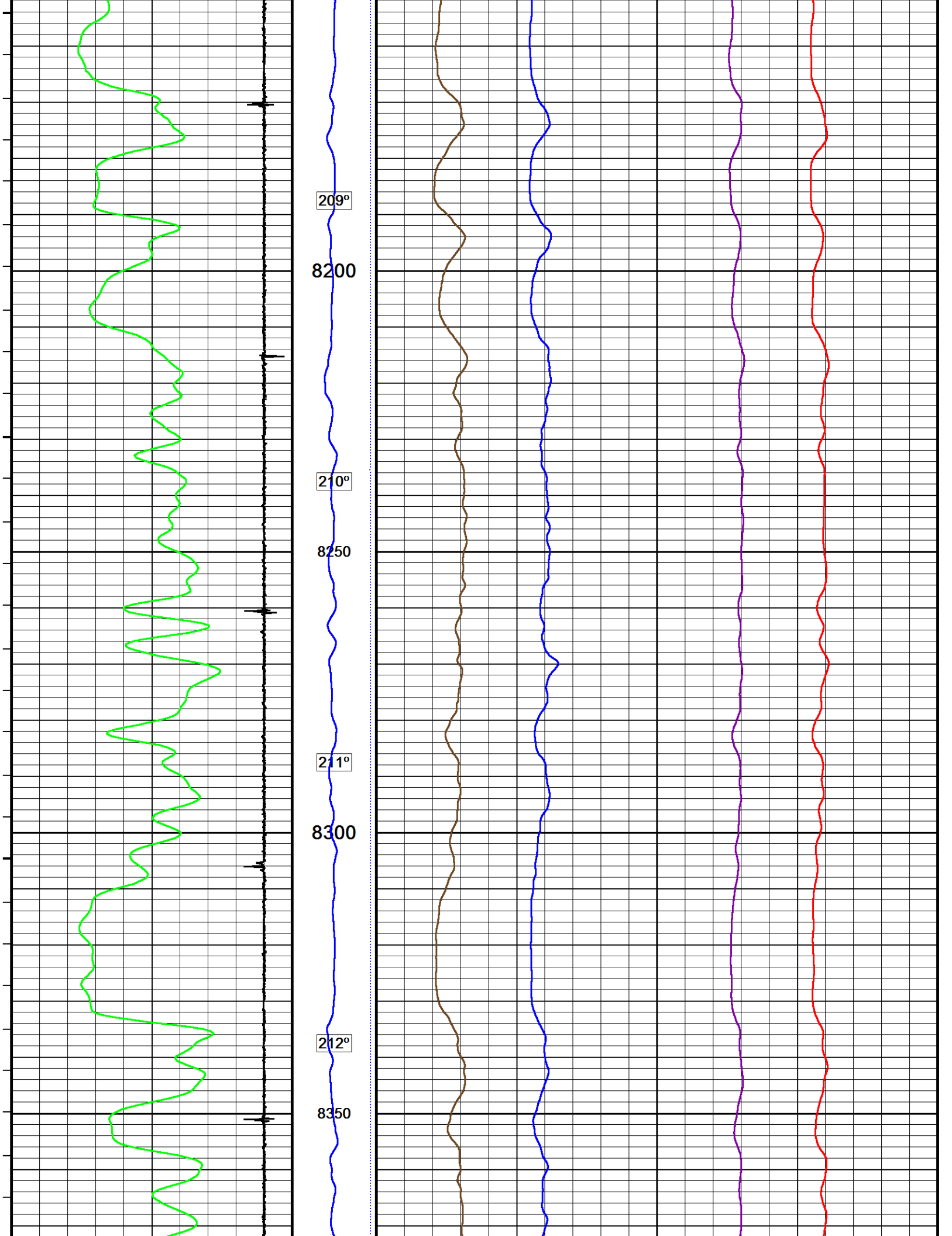


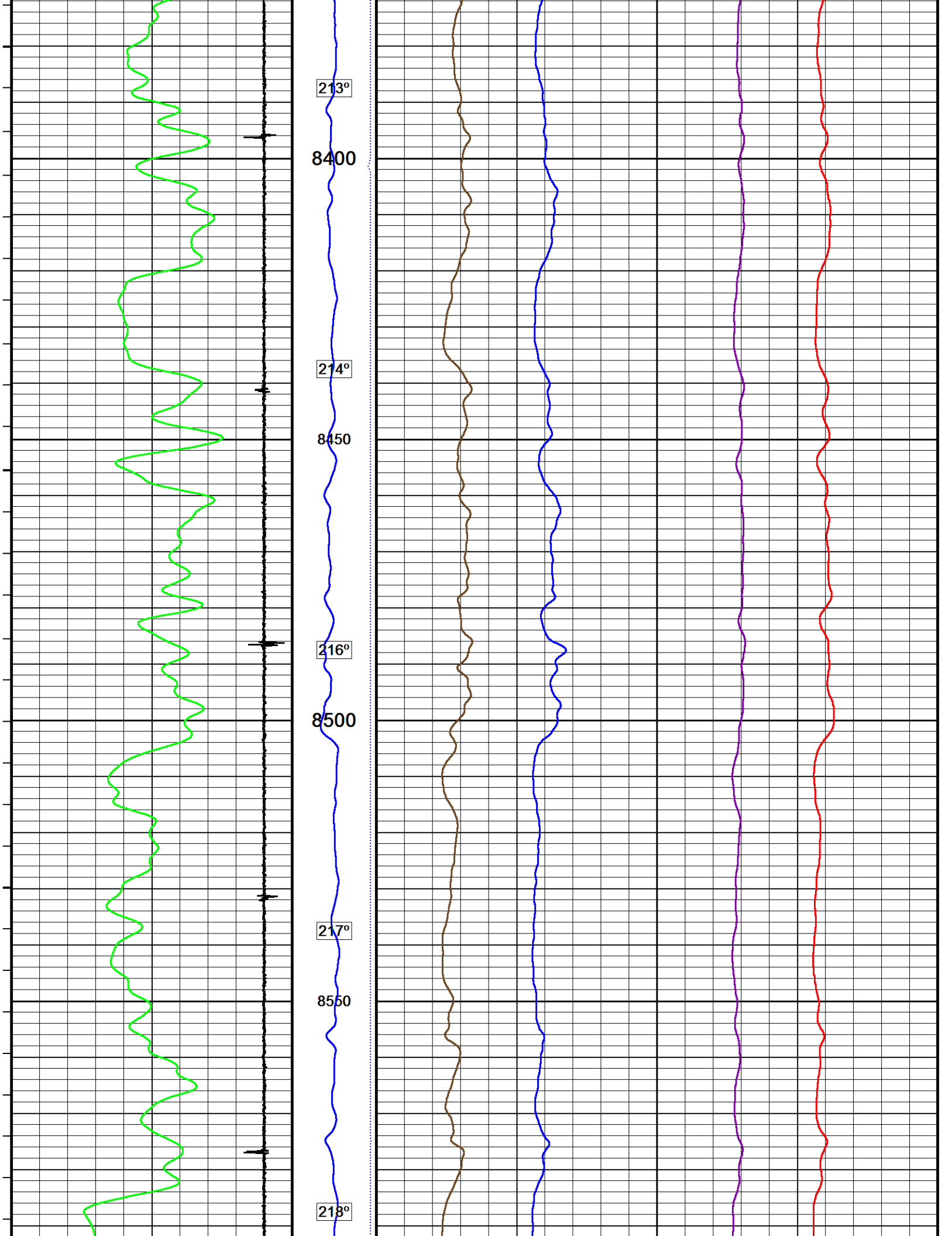


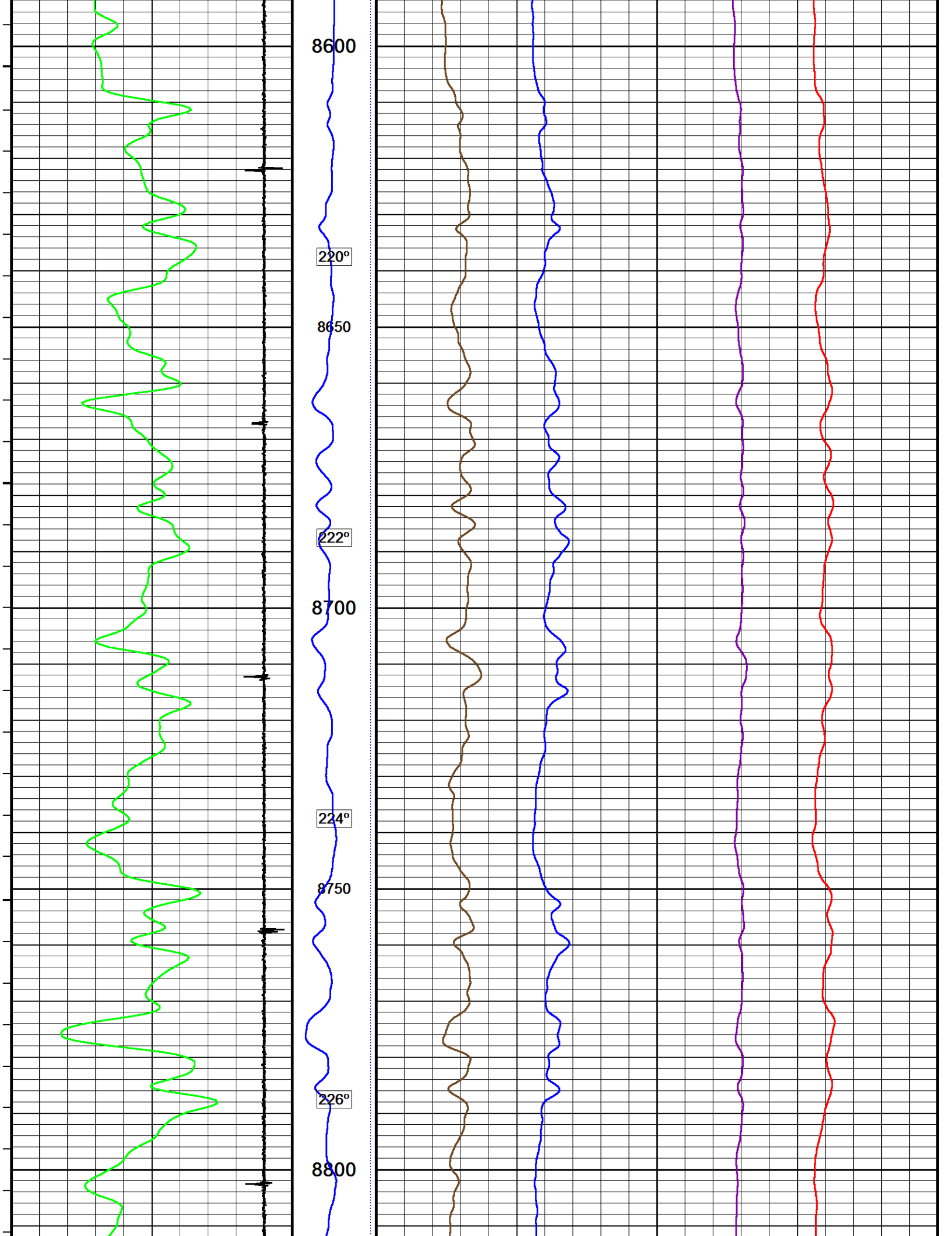


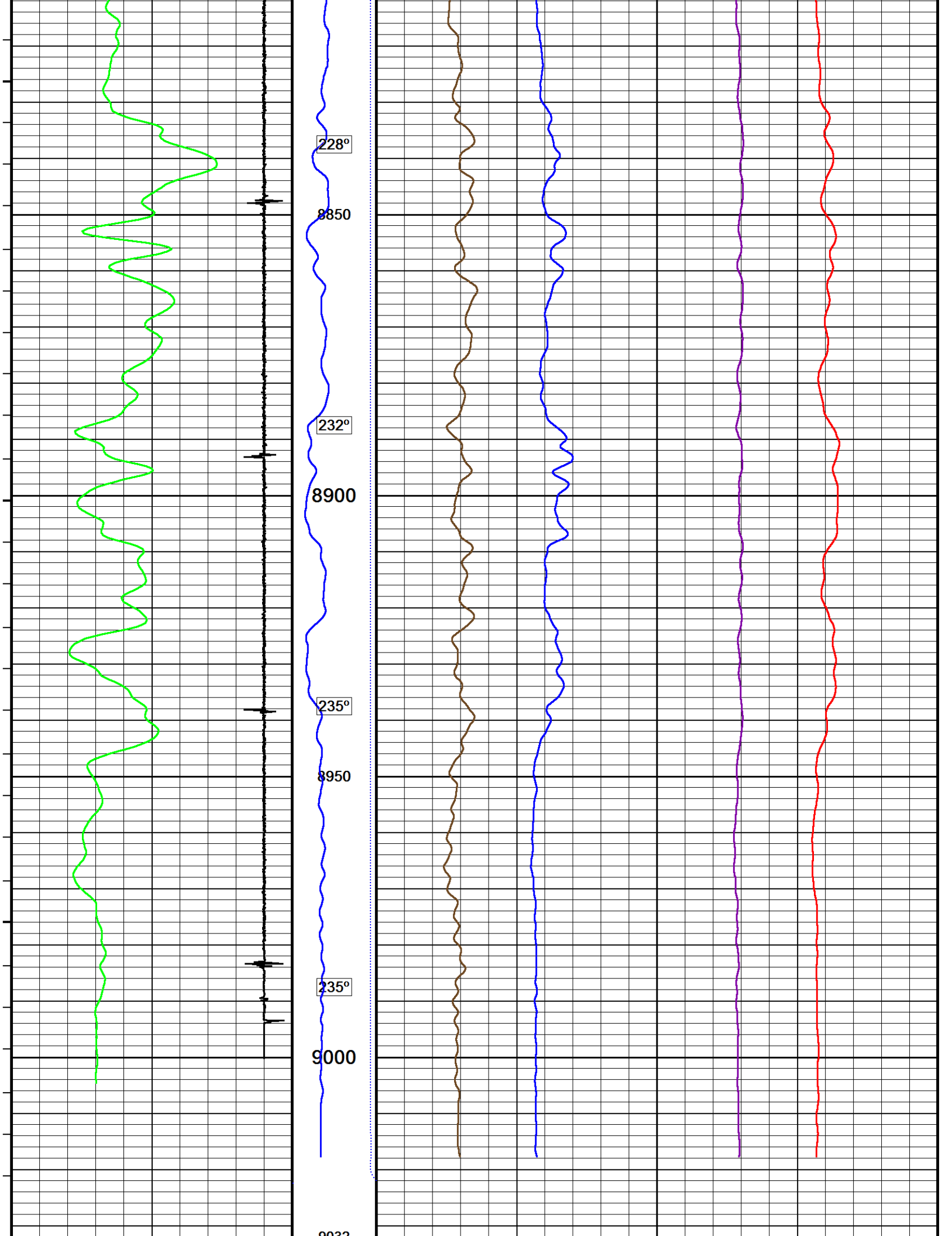


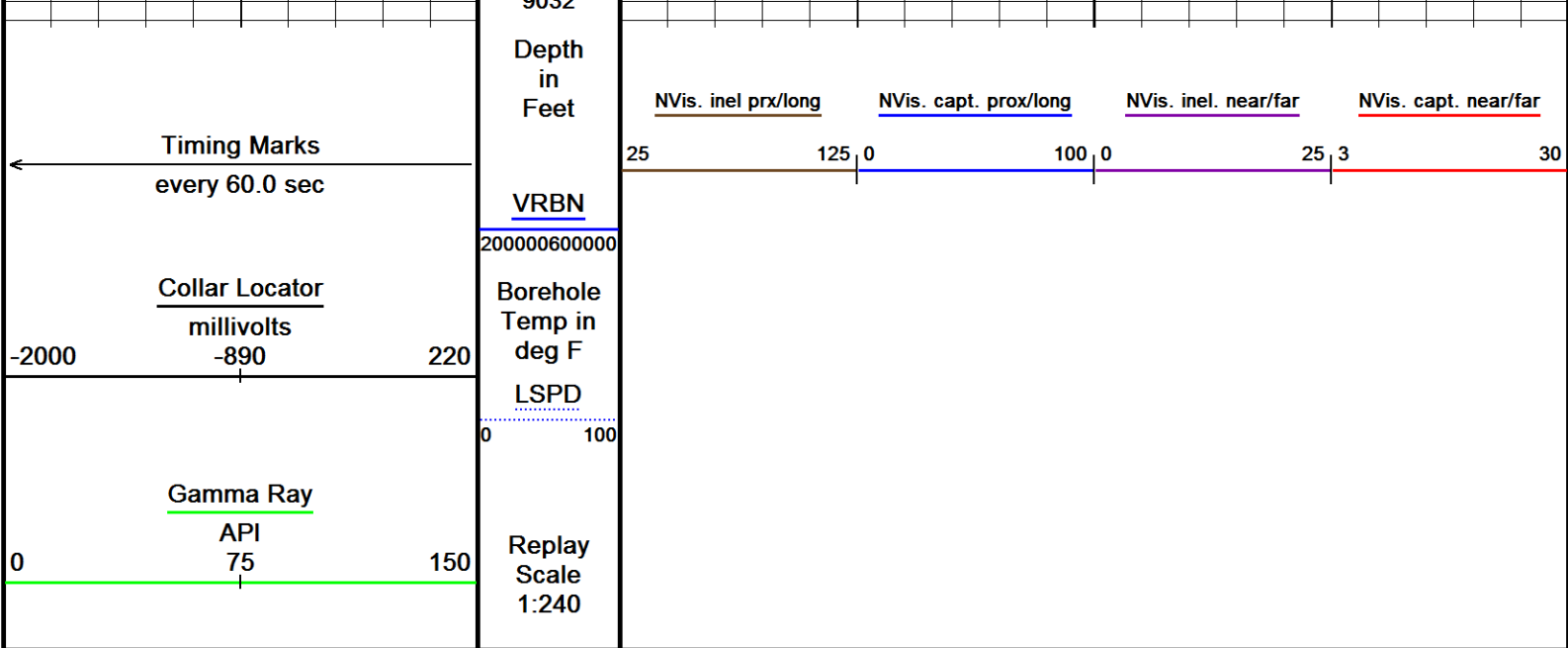












Depth Based Data - Maximum Sampling Increment 12.5cm	Plotted on 20-MAY-2017 12:52
Filename: F:\PUCKETT_22B_26_CRE\PUCKETT_22B_26_CREB_NVISION_MAIN.dta	Recorded on 20-MAY-2017 00:50
Filename: F:\PUCKETT_22B_26_CRE\PUCKETT_22B_26_CREB_NVISION_REPEAT.dta	Recorded on 20-MAY-2017 10:10
System Versions: Logged with 17.01.6744 Plotted with 17.01.6744	

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MAIN PASS
REPEAT PASS

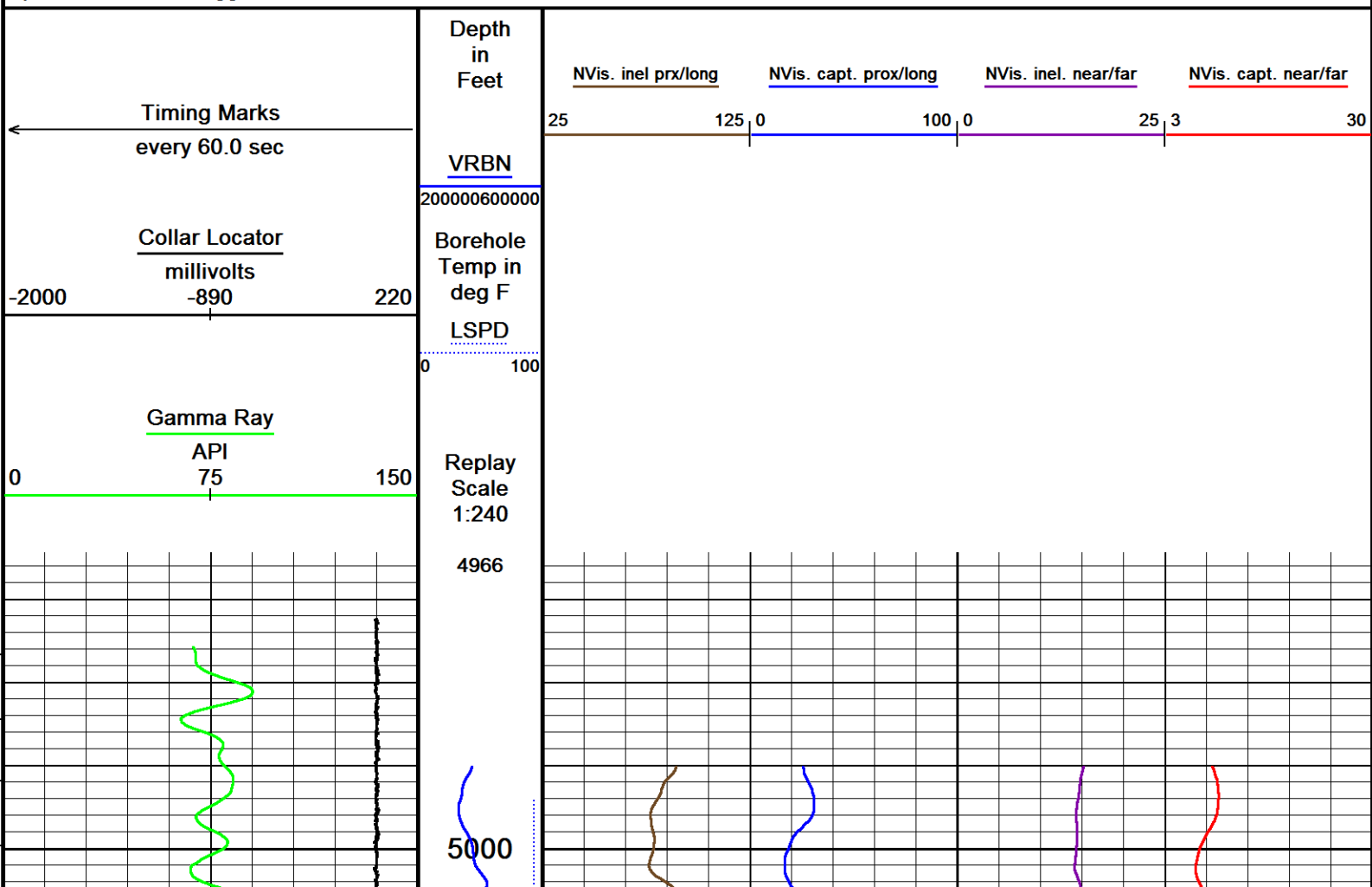
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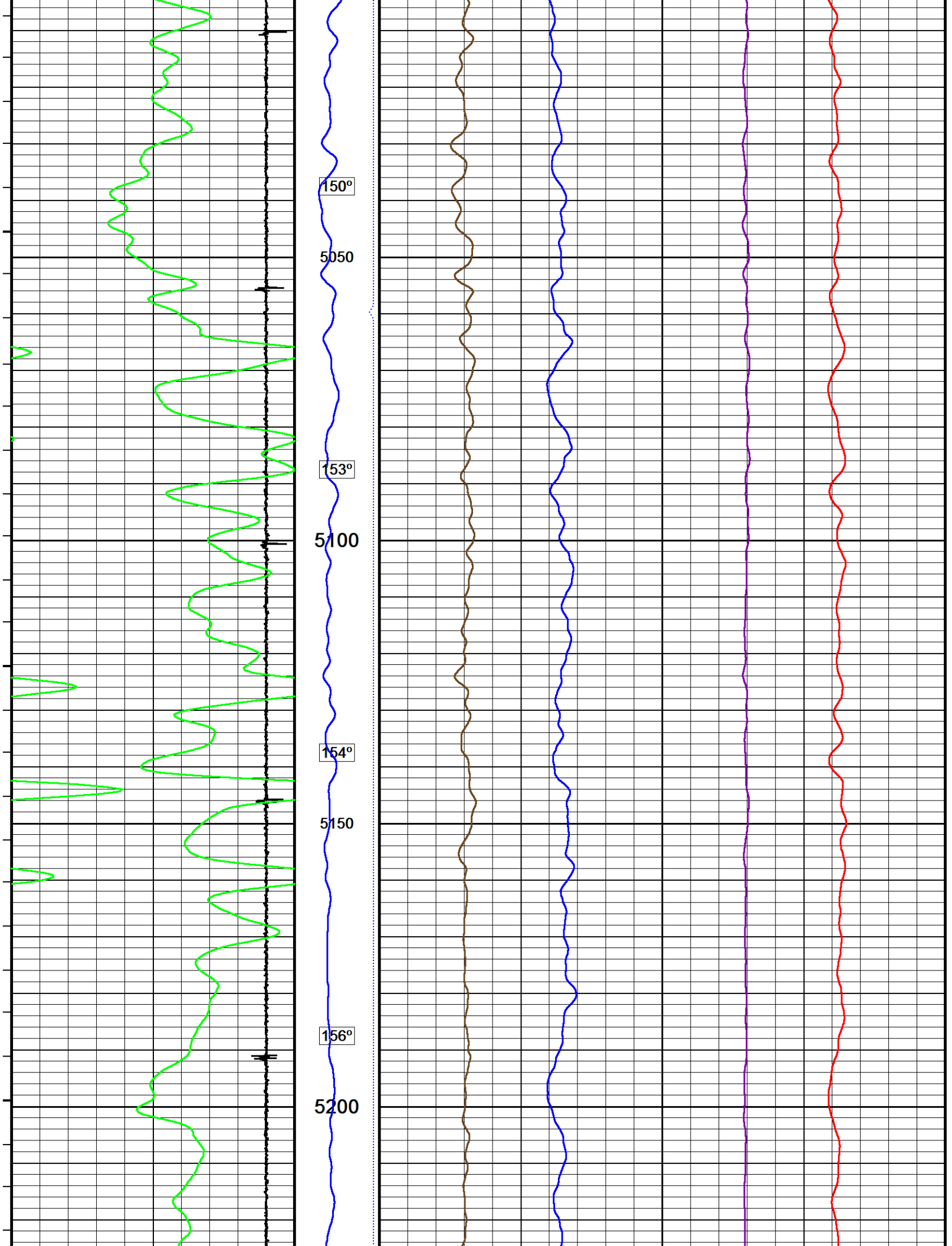
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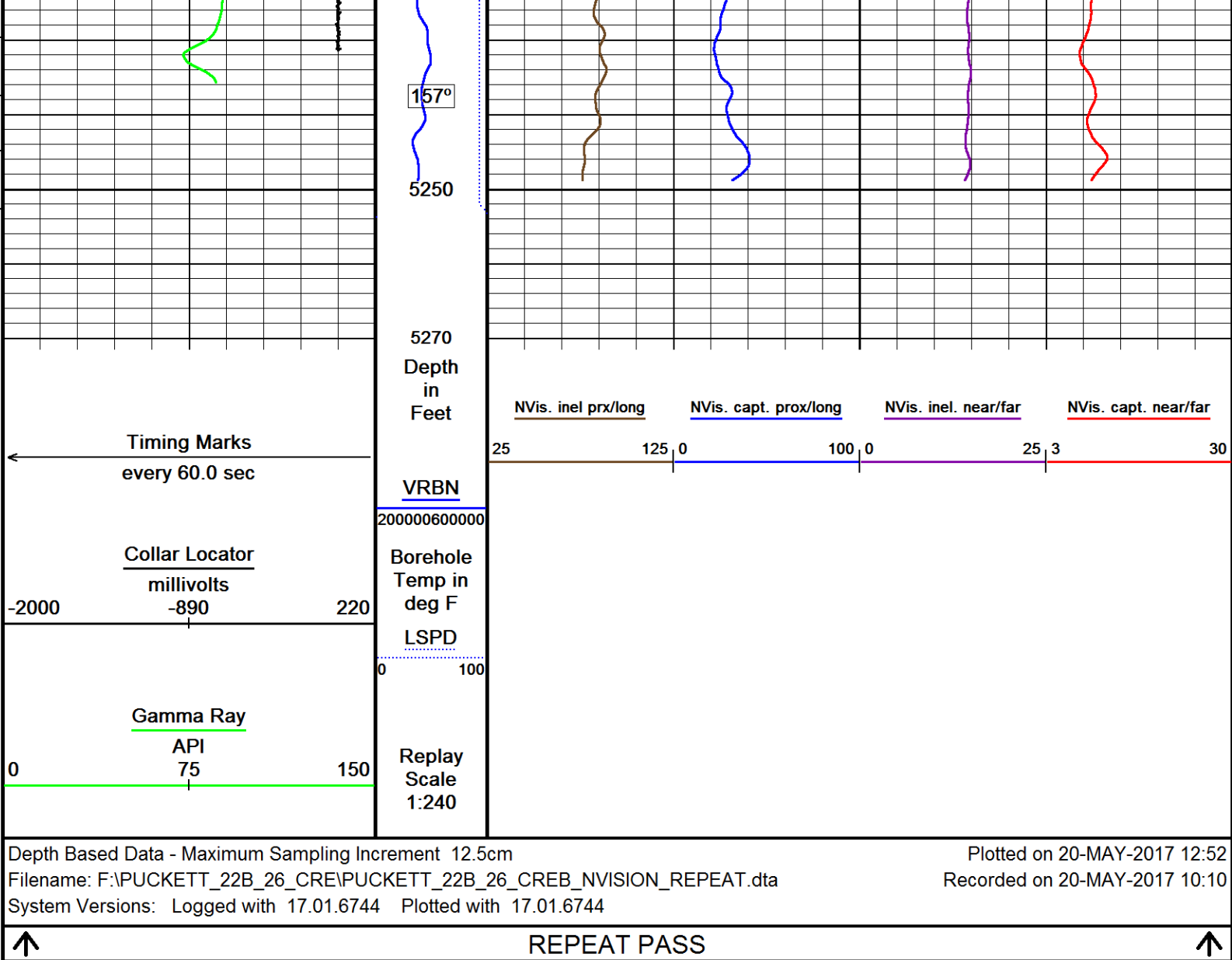
REPEAT PASS

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Depth Based Data - Maximum Sampling Increment 12.5cm	Plotted on 20-MAY-2017 12:52
Filename: F:\PUCKETT_22B_26_CRE\PUCKETT_22B_26_CREB_NVISION_REPEAT.dta	Recorded on 20-MAY-2017 10:10
System Versions: Logged with 17.01.6744 Plotted with 17.01.6744	

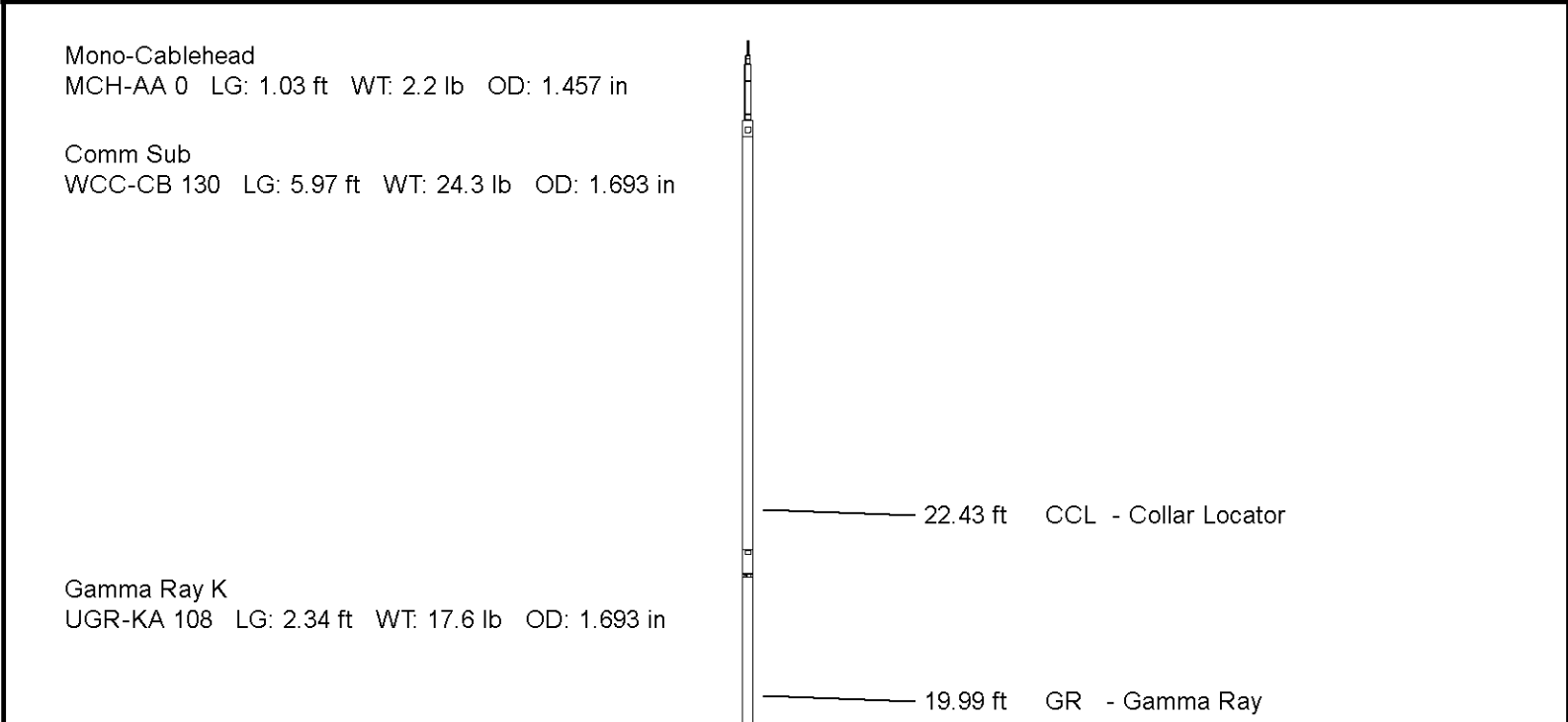






DOWNHOLE EQUIPMENT

F:\PUCKETT_22B_26_CRE\PUCKETT_22B_26_CREB_NVISION_MAIN.dta



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

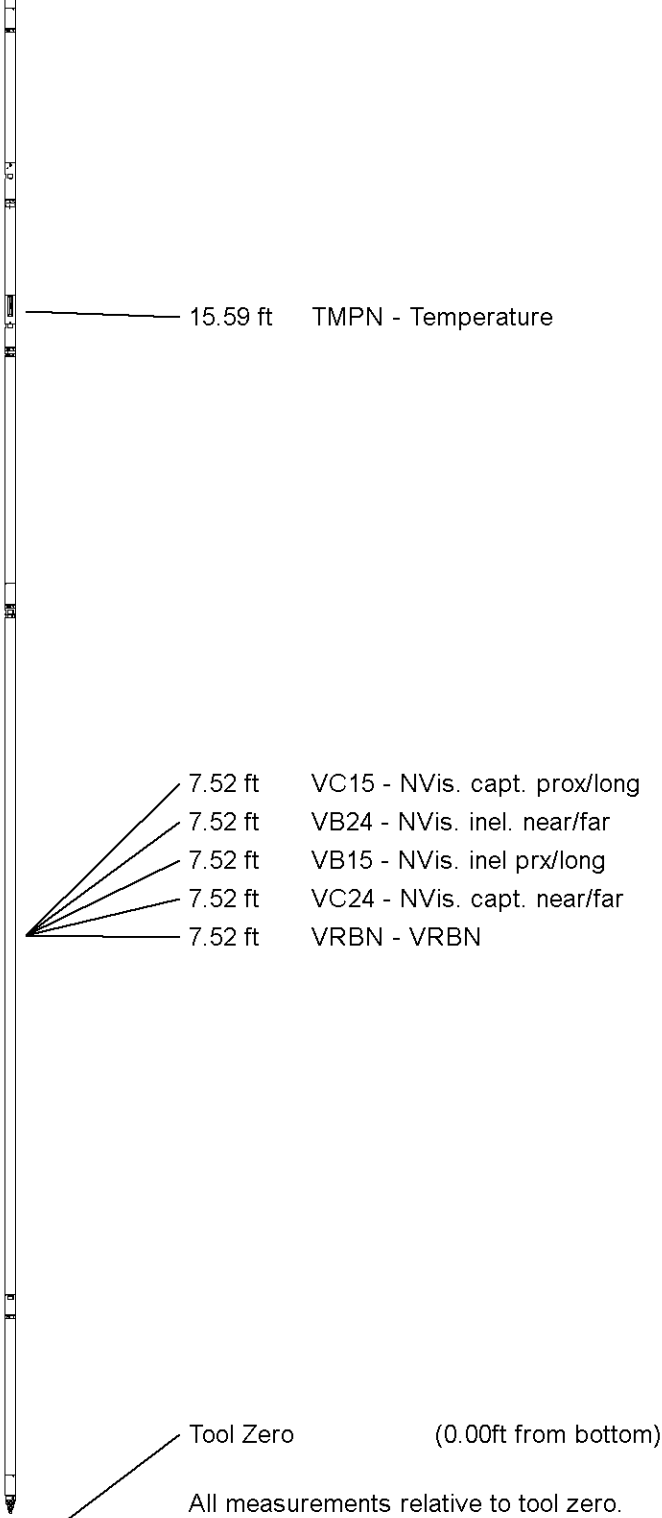
CRE series II processor section
CRP-BA 129 LG: 3.31 ft WT: 15.4 lb OD: 1.654 in

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

Total Length: 28.60 ft Weight: 143.3 lb



SHOP AND FIELD CALIBRATIONS

F:\PUCKETT_22B_26_CRE\PUCKETT_22B_26_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

API

Delta Counts Per Sec: 812.7

$$\text{CPS/API} = 1.671$$

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
Calibrator No: MCGGRCC144

Serial No: 131

Background

Calibrator

Standard

Units

27.9

848.9

486.5

API

Delta Counts Per Sec: 821.0

$$\text{CPS/API} = 1.688$$

COMPANY	CAERUS OIL & GAS
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WELL PUCKETT 22B-26

FIELD GRAND VALLEY

PROVINCE/COUNTY GARFIELD

COUNTRY/STATE USA / COLORADO

Elevation Kelly Bushing	8426	feet
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Elevation Drill Floor	8426	feet
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Elevation Ground Level 8396 feet

Bottom Log Interval	9022.00	feet
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Depth Driller	9054.00	feet
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Depth Logger	9022.00	feet
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RAPTOR NVISION LOG

Weatherford®

