 Weatherford®				RAPTOR NVISION LOG				
COMPANY WELL FIELD PROVINCE/COUNTY COUNTRY/STATE LOCATION				CAERUS OIL & GAS PUCKETT 33A-26 GRAND VALLEY GARFIELD USA / COLORADO				
SEC 26	TWP 06S	RGE 97W	Other Services SBT					
Latitude Longitude API Number			Elevations: KB 8426.00 DF 8426.00 GL 8396.00					
Permanent Datum GROUND LEVEL, Elevation 8396 feet								
Log Measured From KB, 30.00 feet above Permanent Datum								
Drilling Measured From KB								
Date								
Run Number	ONE	PERFORATION RECORD			Shot	Number	Depth From	Depth To
Service Order	182181797	Type Log	CREB	Depth Driller	9110.00	feet		
Depth Logger	9085.00	feet						
Top Log Interval	5000.00	feet						
Bottom Log Interval	9085.00	feet						
Hole Fluid Type	WATER							
Hole Fluid Level	0.00	feet						
Restriction ID	3.875	inches	Gun Type					
Max Recorded Temp	236.00	deg F	Gun Size					
Well Head Pressure	0.00	psi	CASING / TUBING RECORD					
Well Head Equipment	N/A		Size	Weight	Depth From	Depth To		
Time Well Ready	ROA		inches	pounds/ft	feet	feet		
Time Logger Bottom	1100		4.500	11.60	0.00	8976.00		
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. 233F

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.

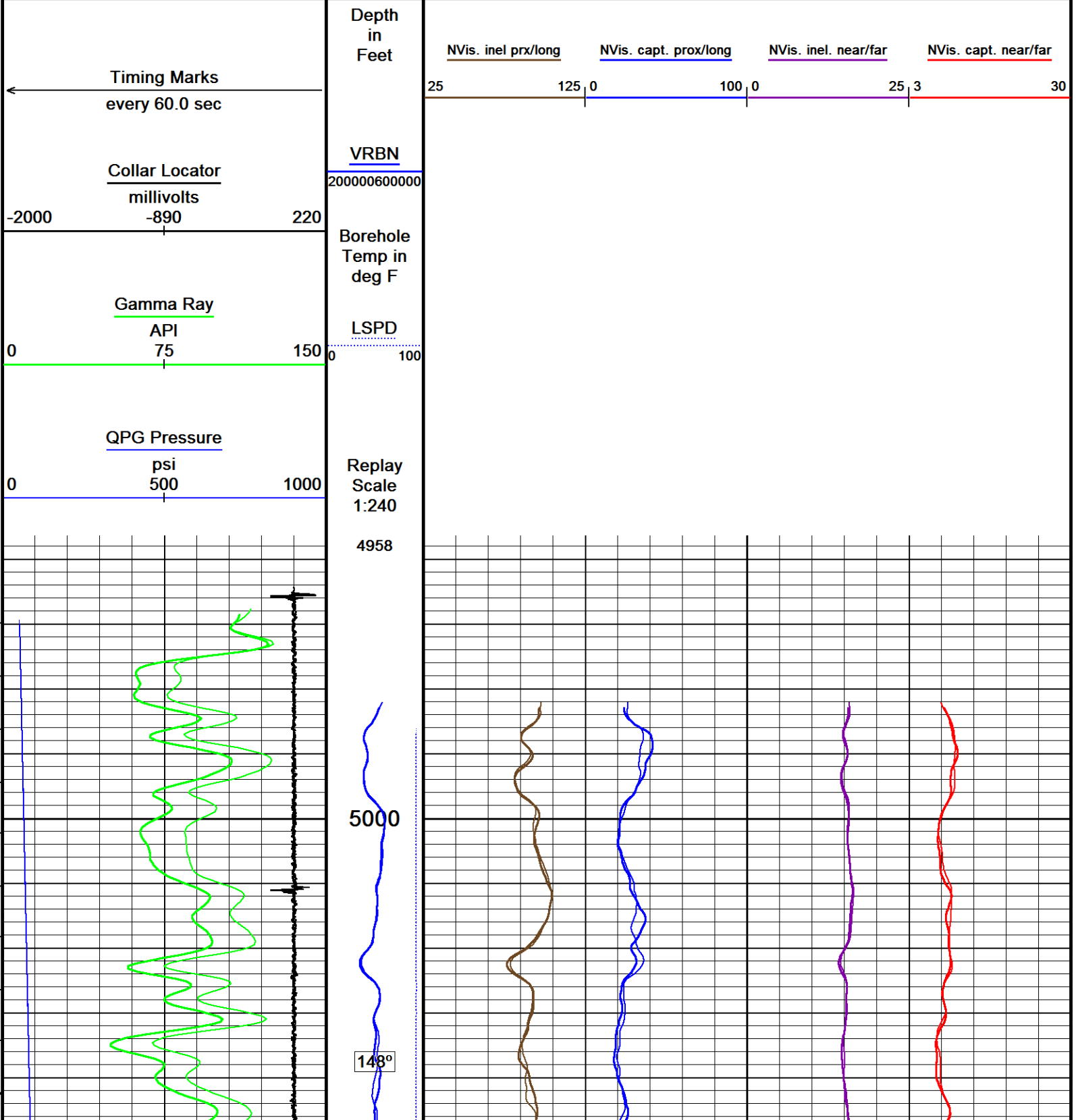
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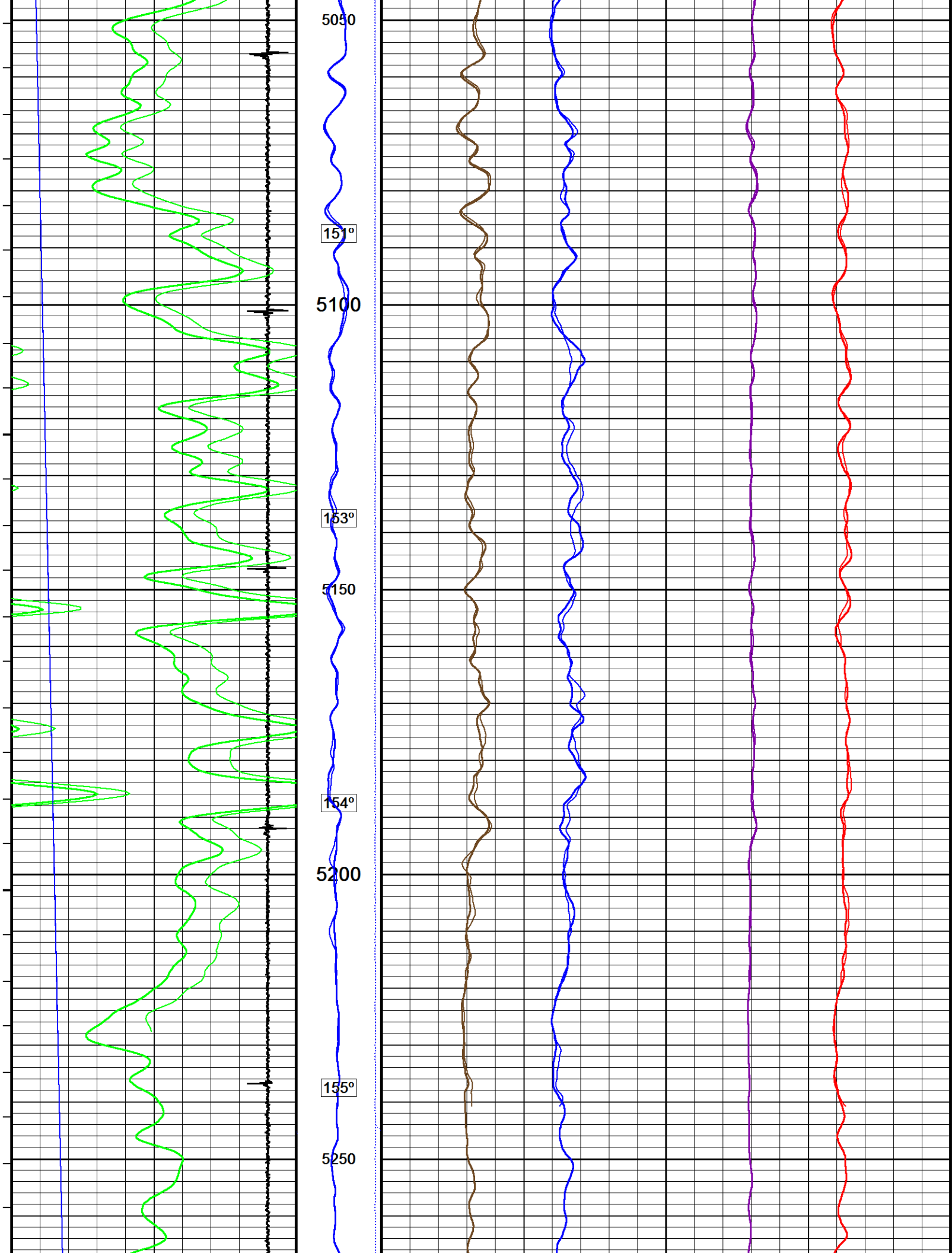
MAIN PASS
REPEAT PASS

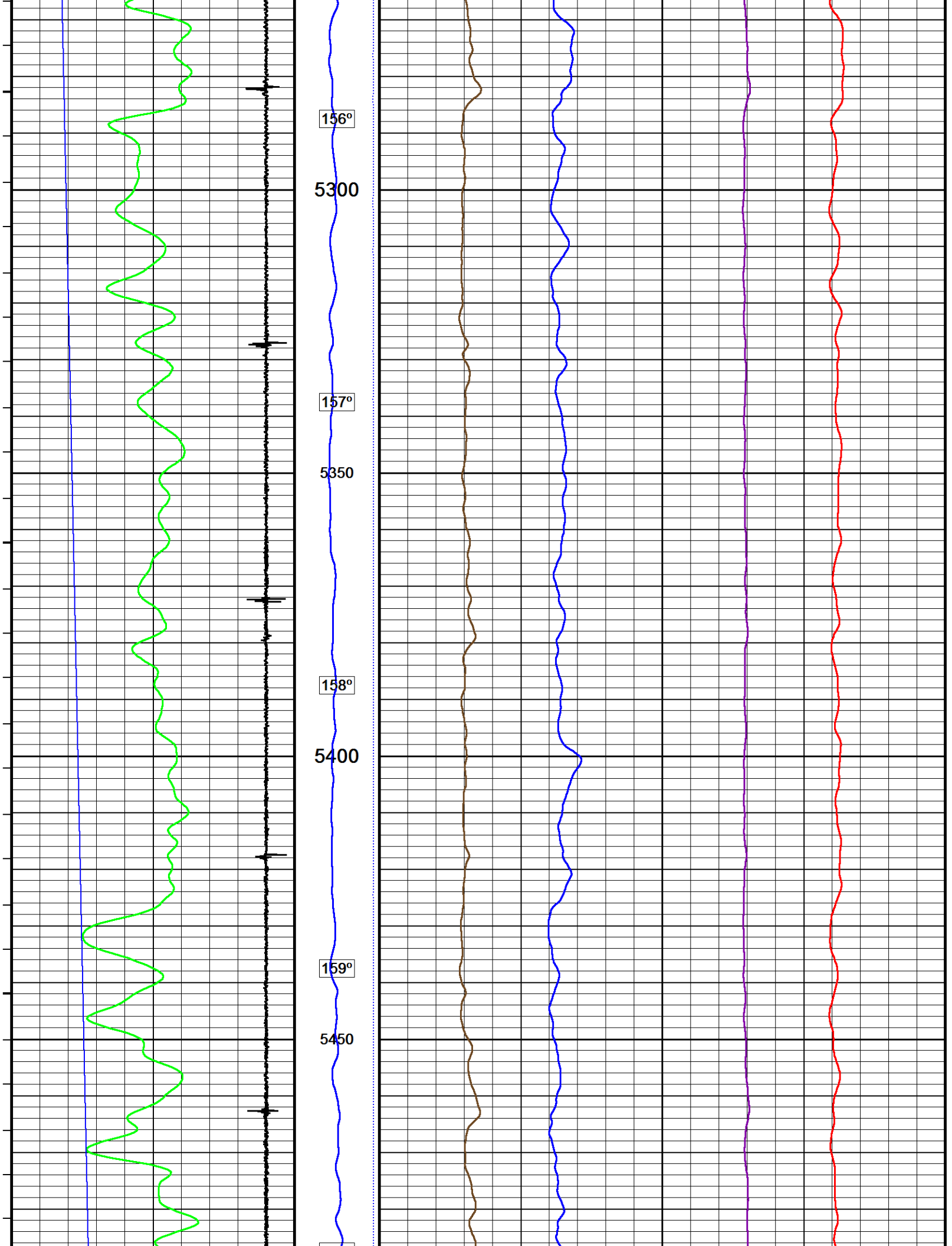
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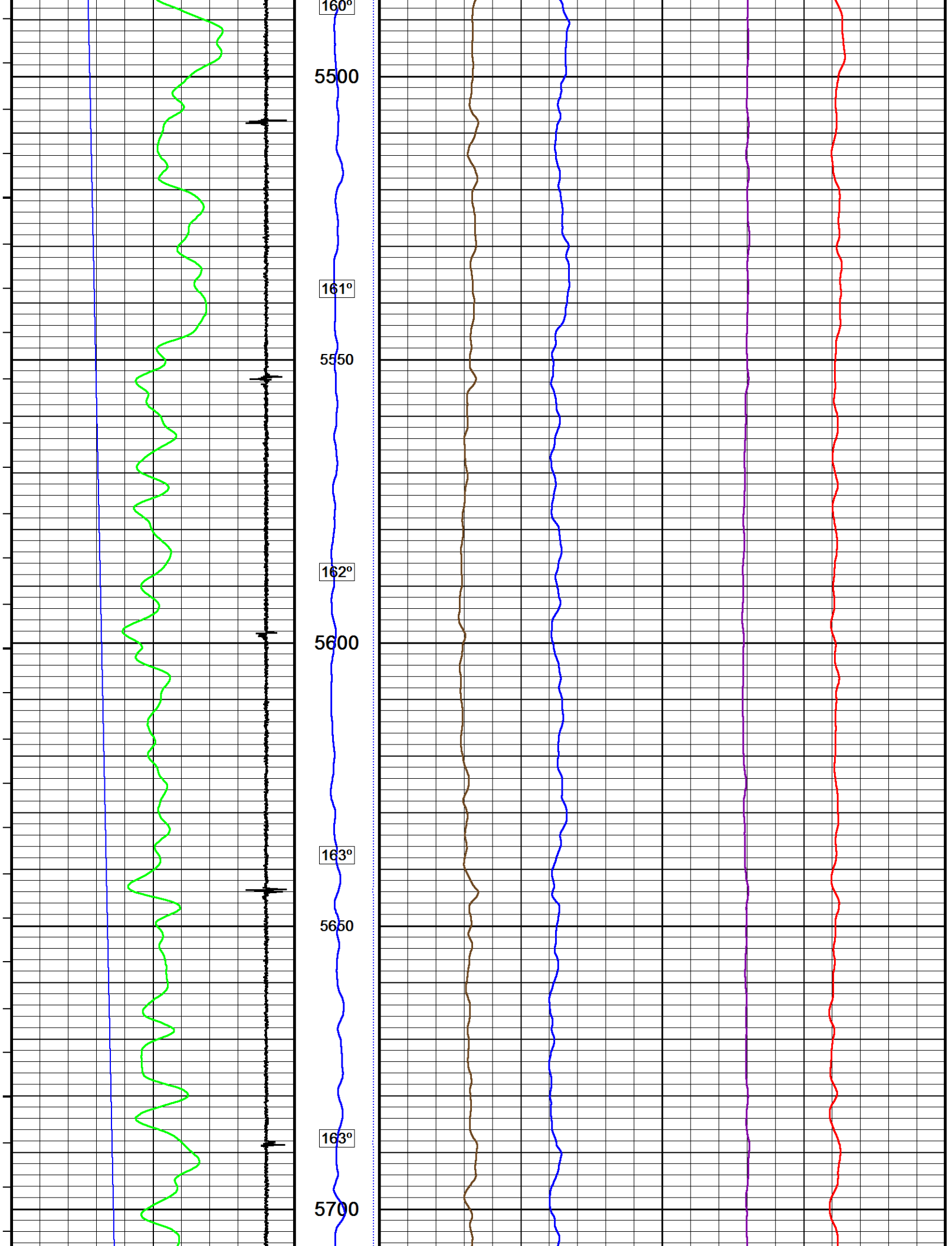
Depth Based Data - Maximum Sampling Increment 12.5cm
Filename: F:\PUCKETT_33A_26_CRE\PUCKETT_33A_26_CREB_NVISION_MAIN.dta
Filename: F:\PUCKETT_33A_26_CRE\PUCKETT_33A_26_CREB_NVISION_REPEAT.dta
System Versions: Logged with 17.01.6744 Plotted with 17.01.6744

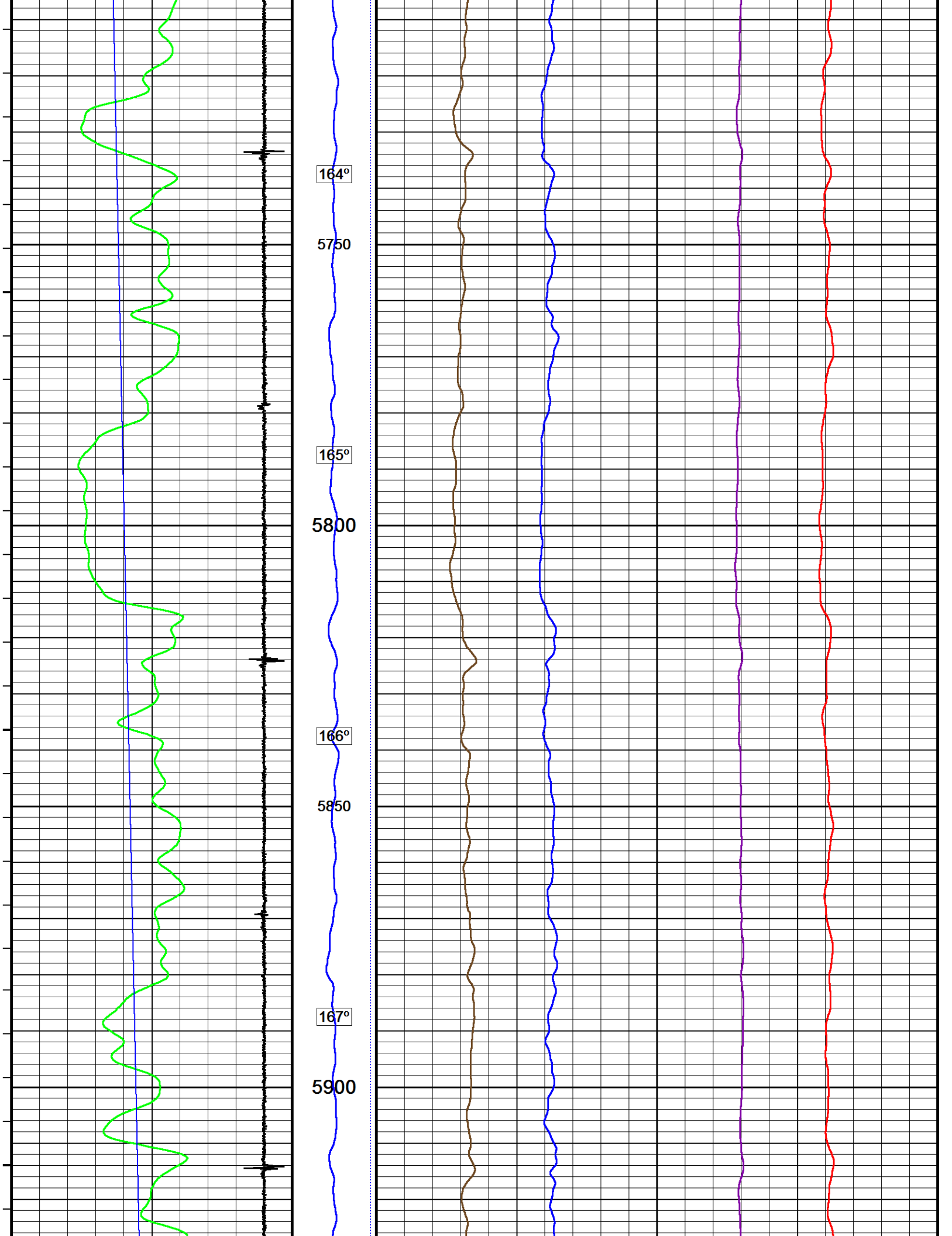
Plotted on 16-MAY-2017 21:42
Recorded on 16-MAY-2017 11:12
Recorded on 16-MAY-2017 20:16

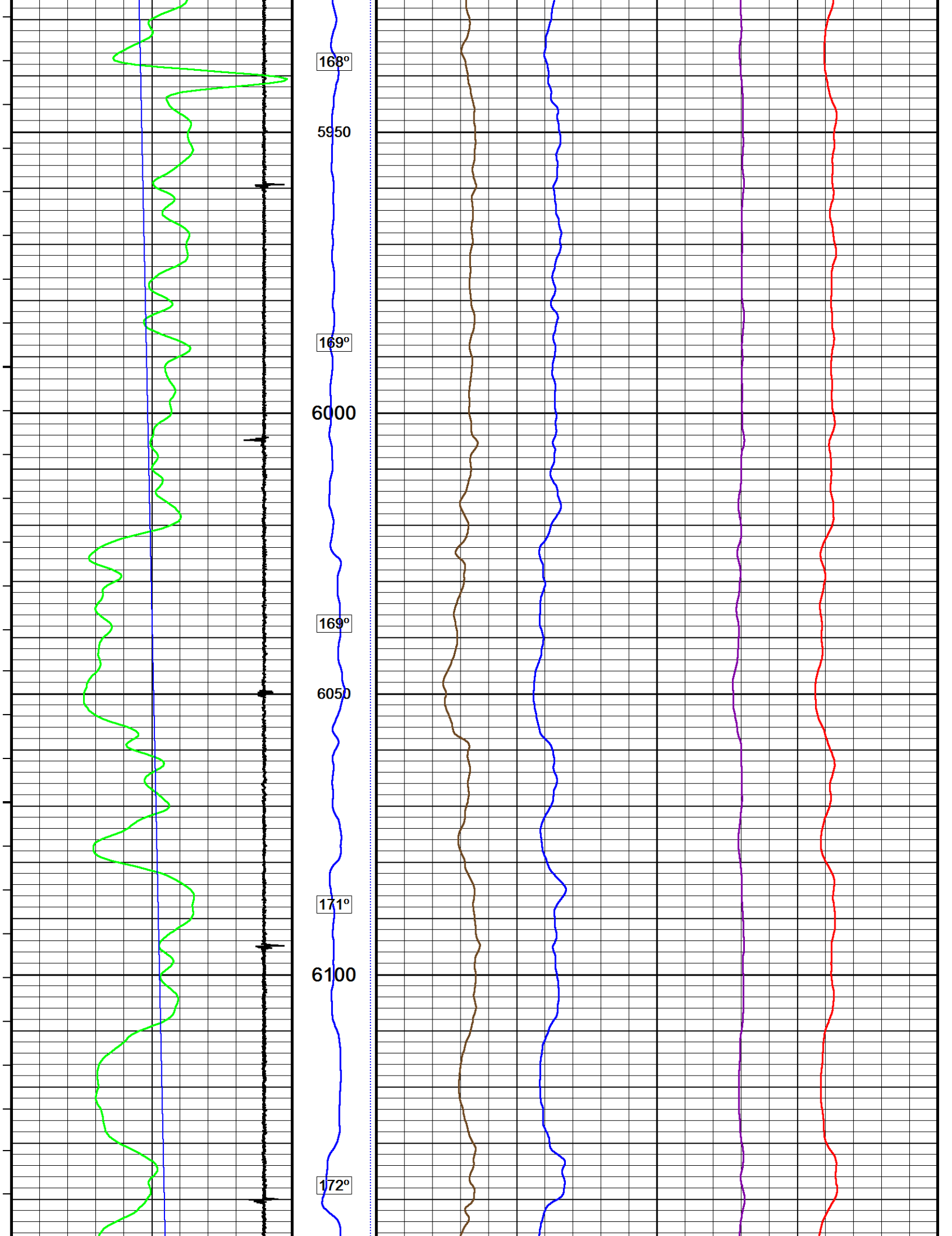


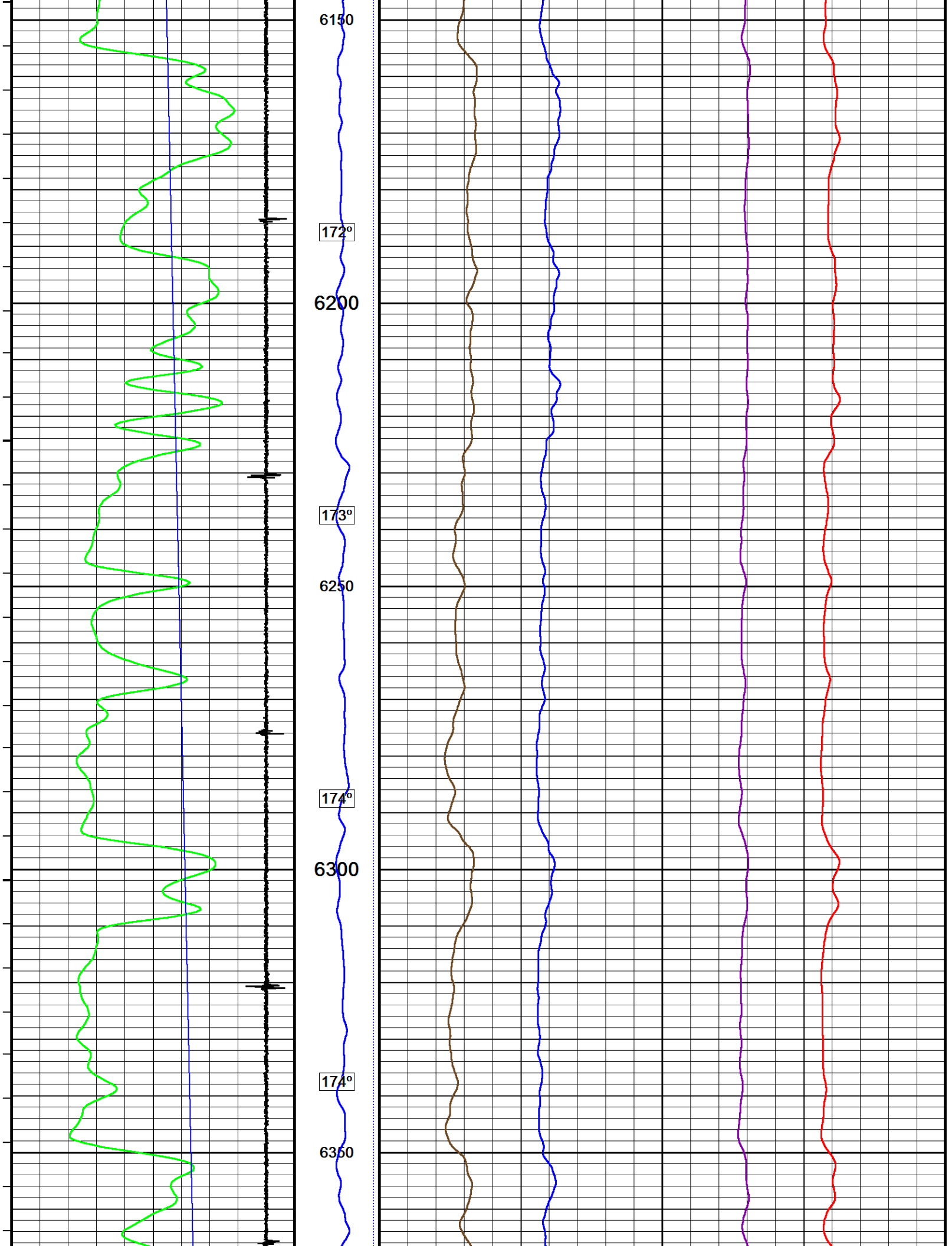


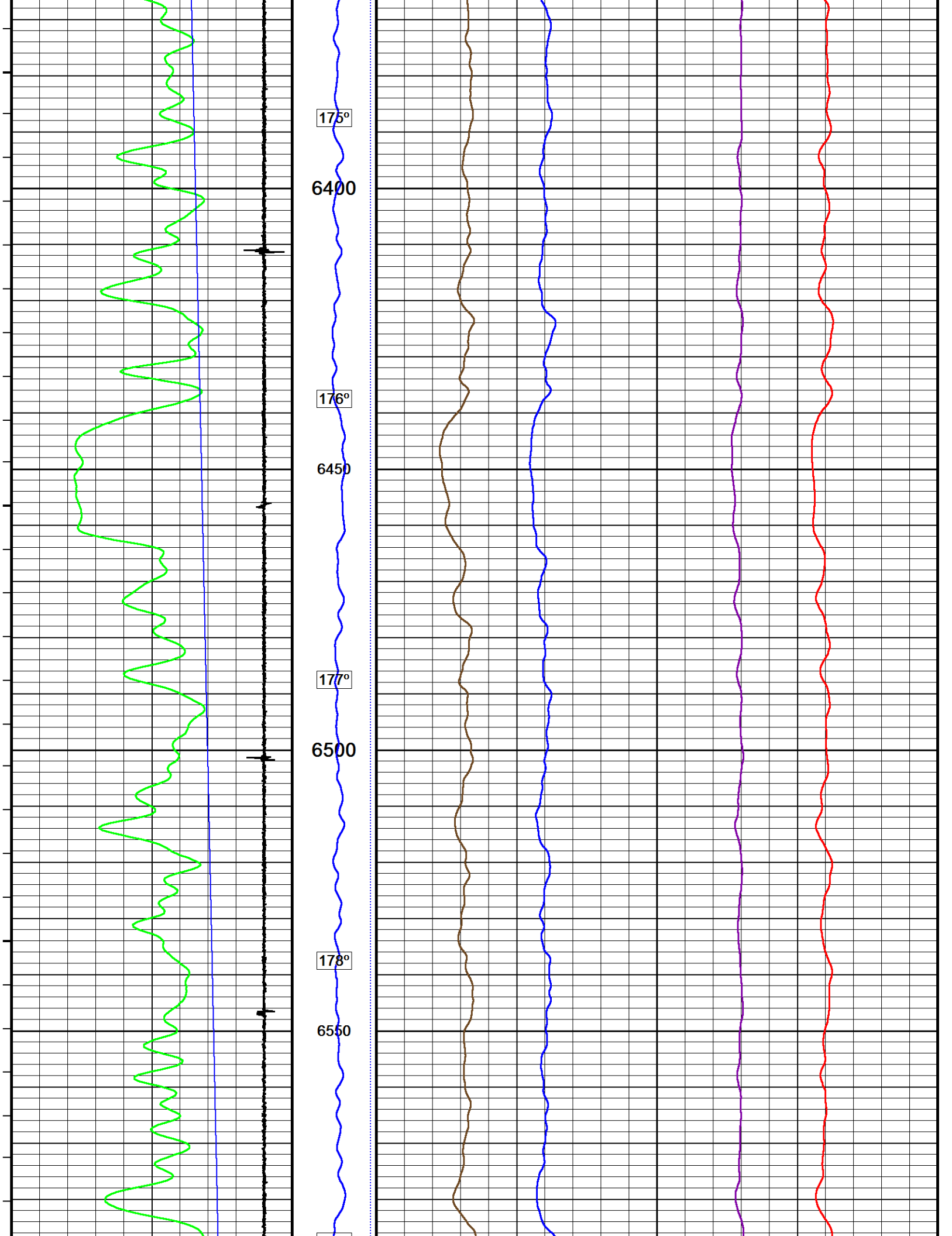


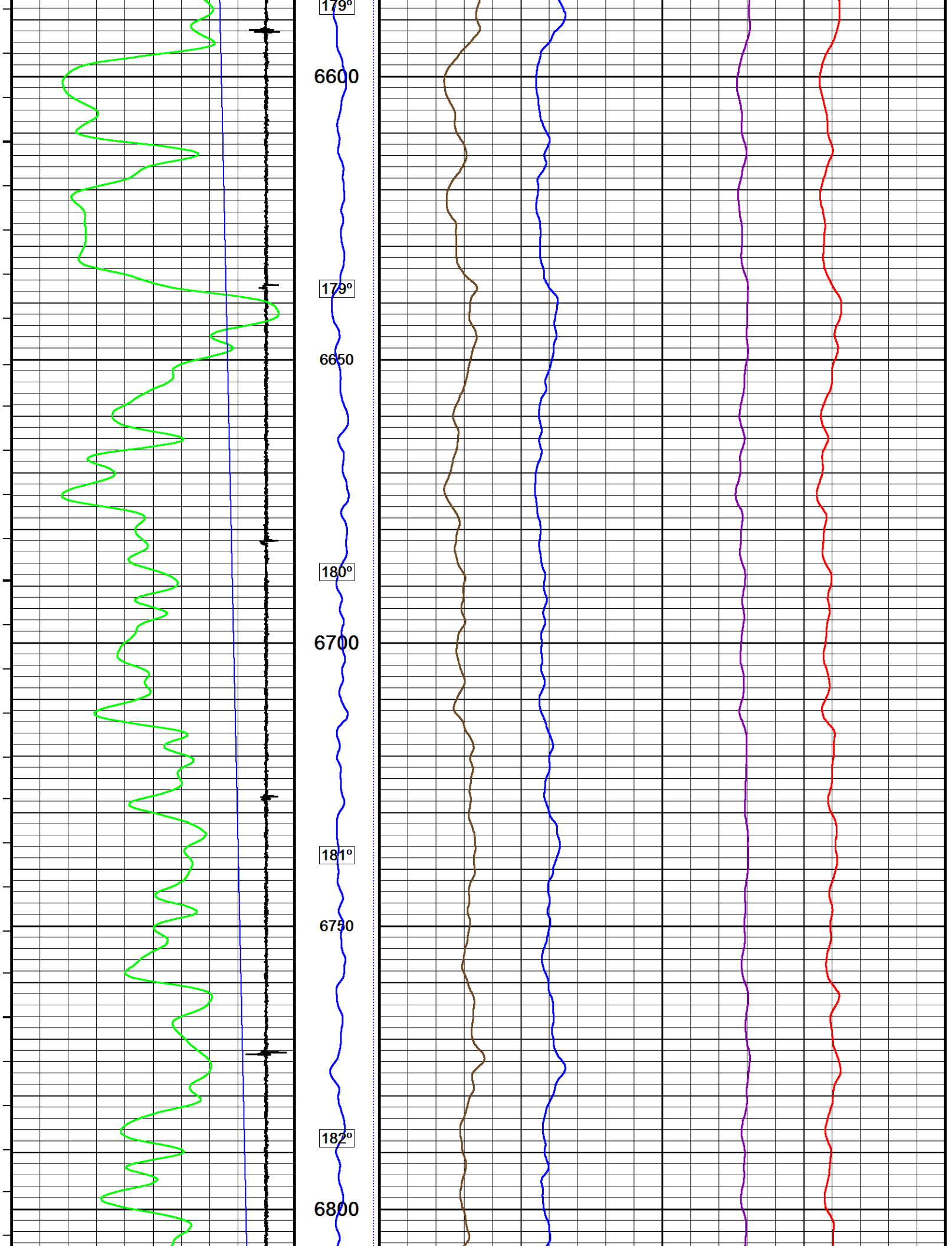


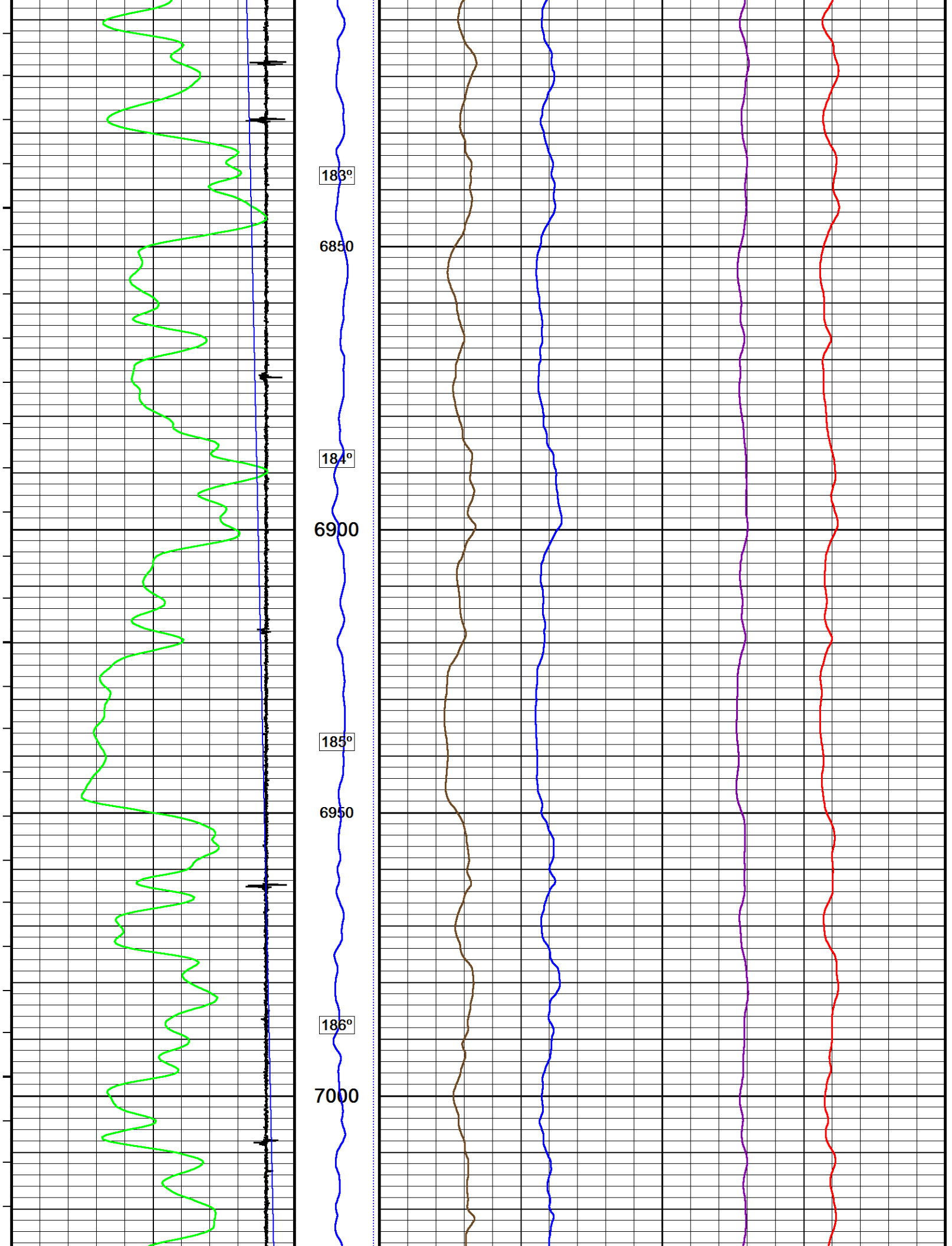


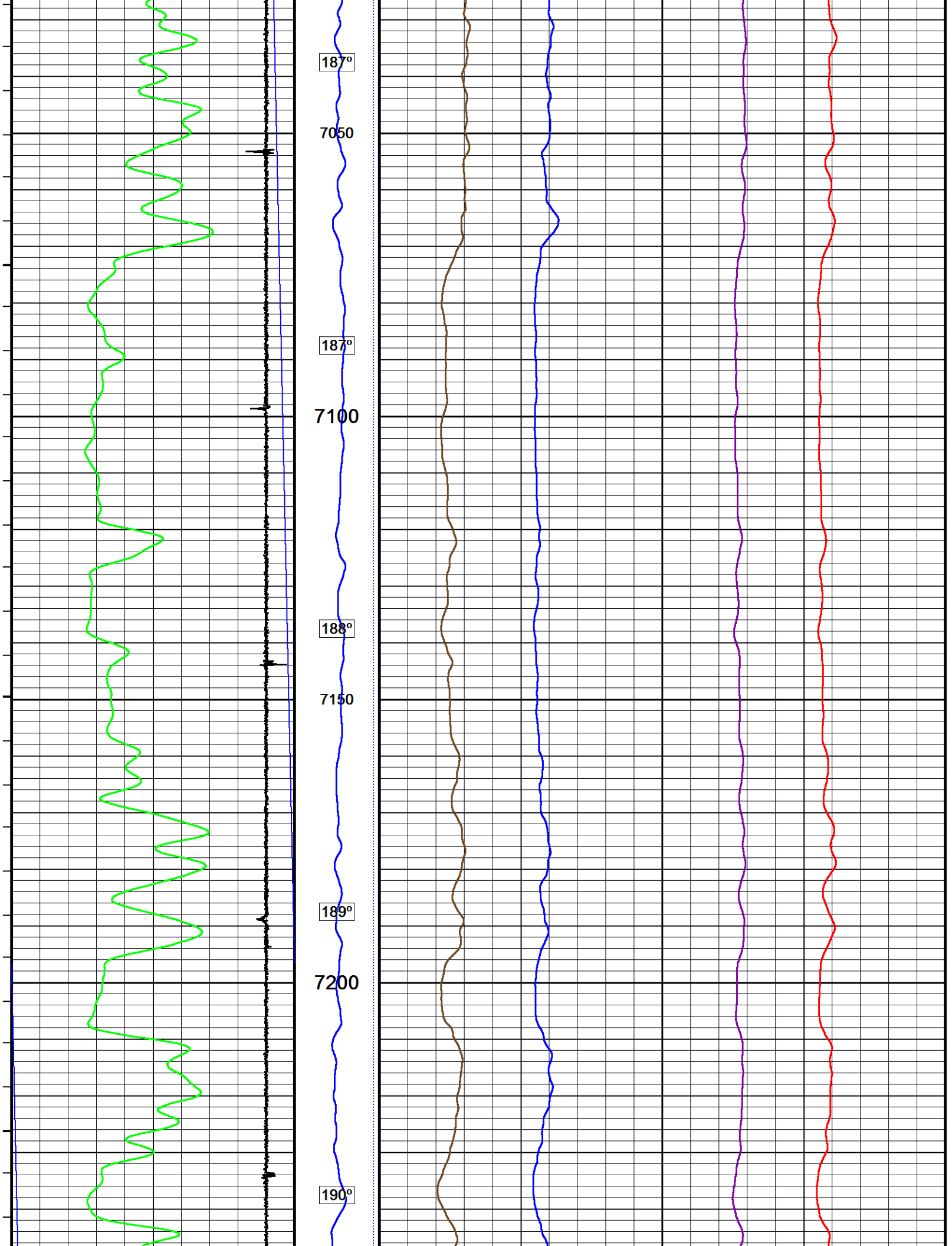


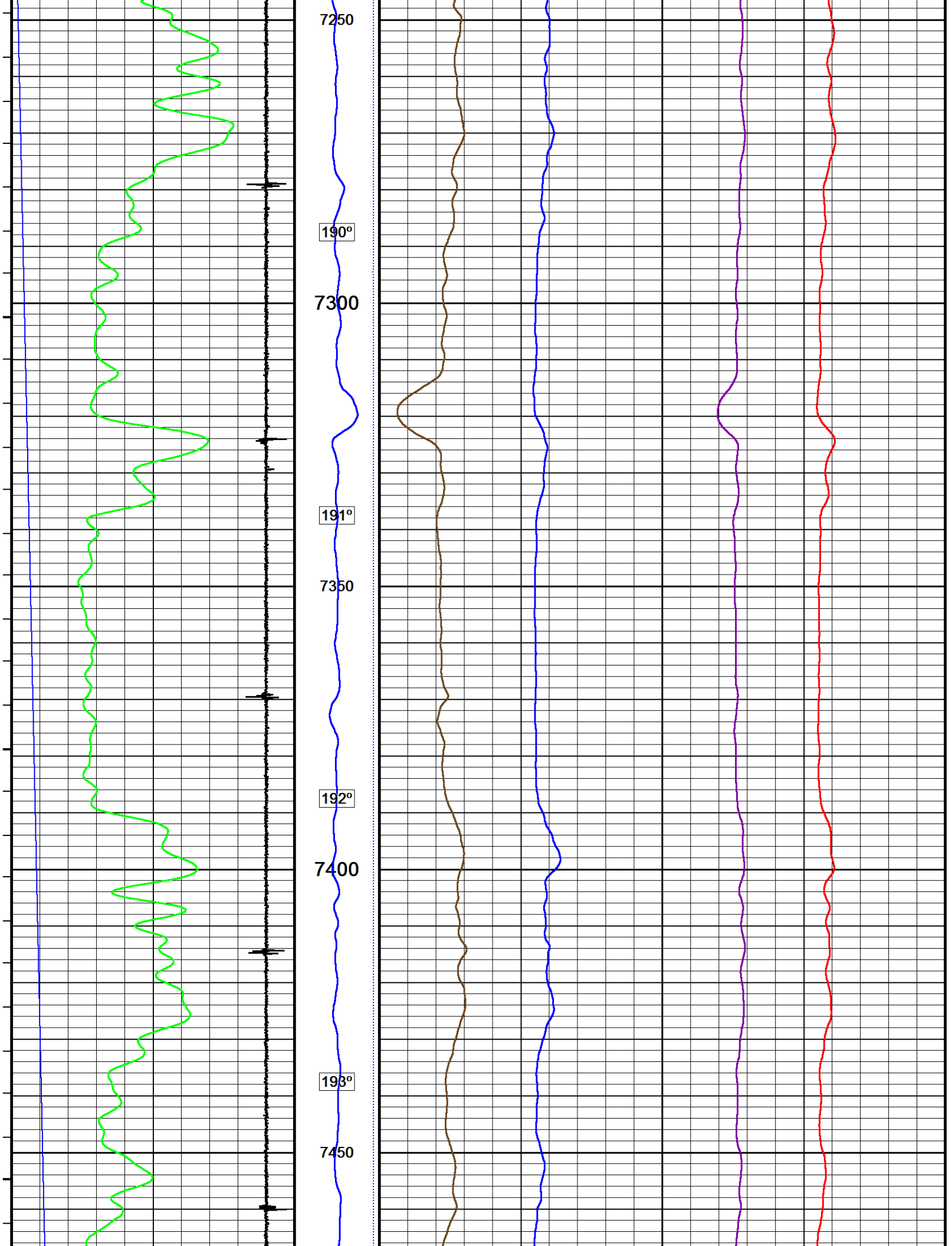


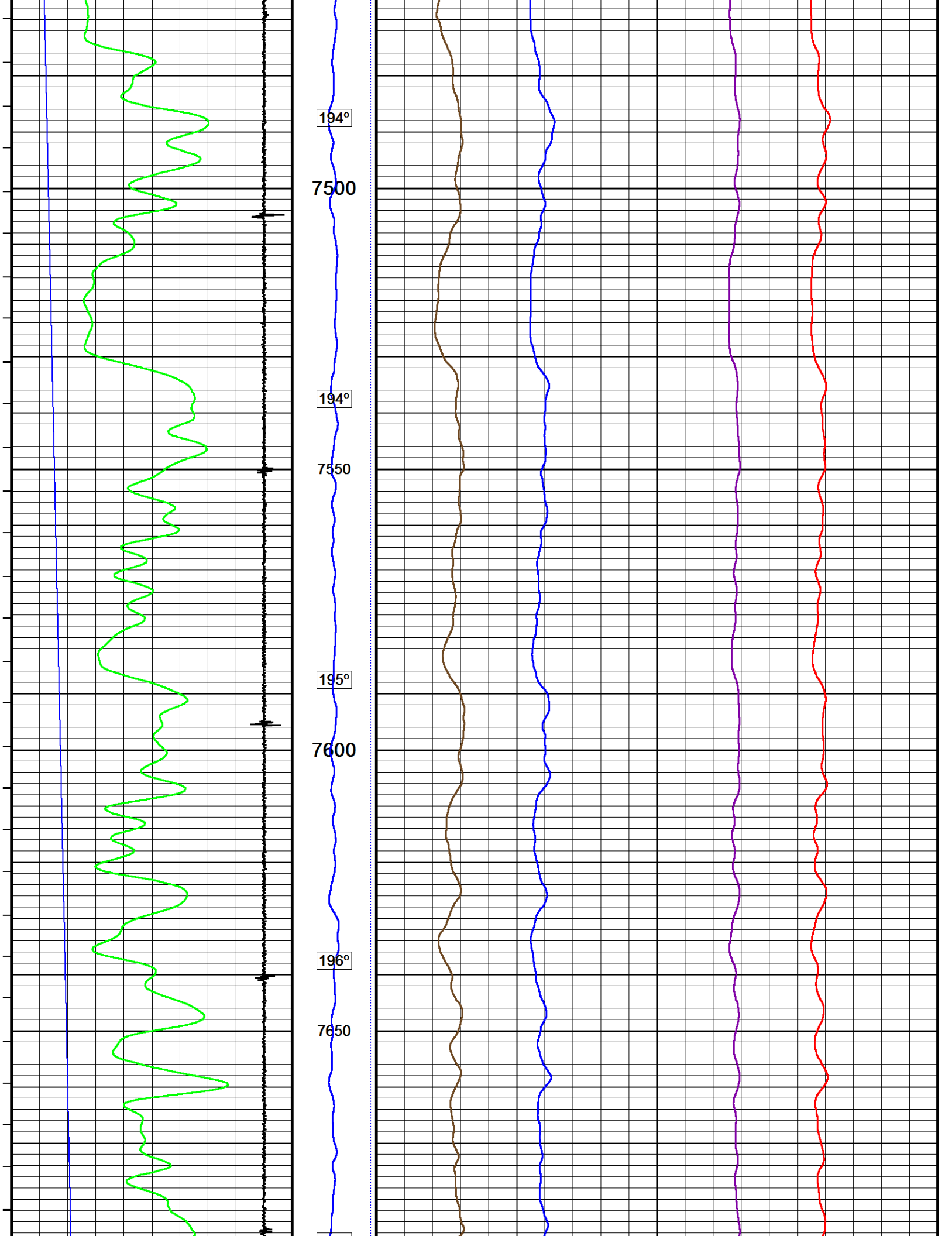


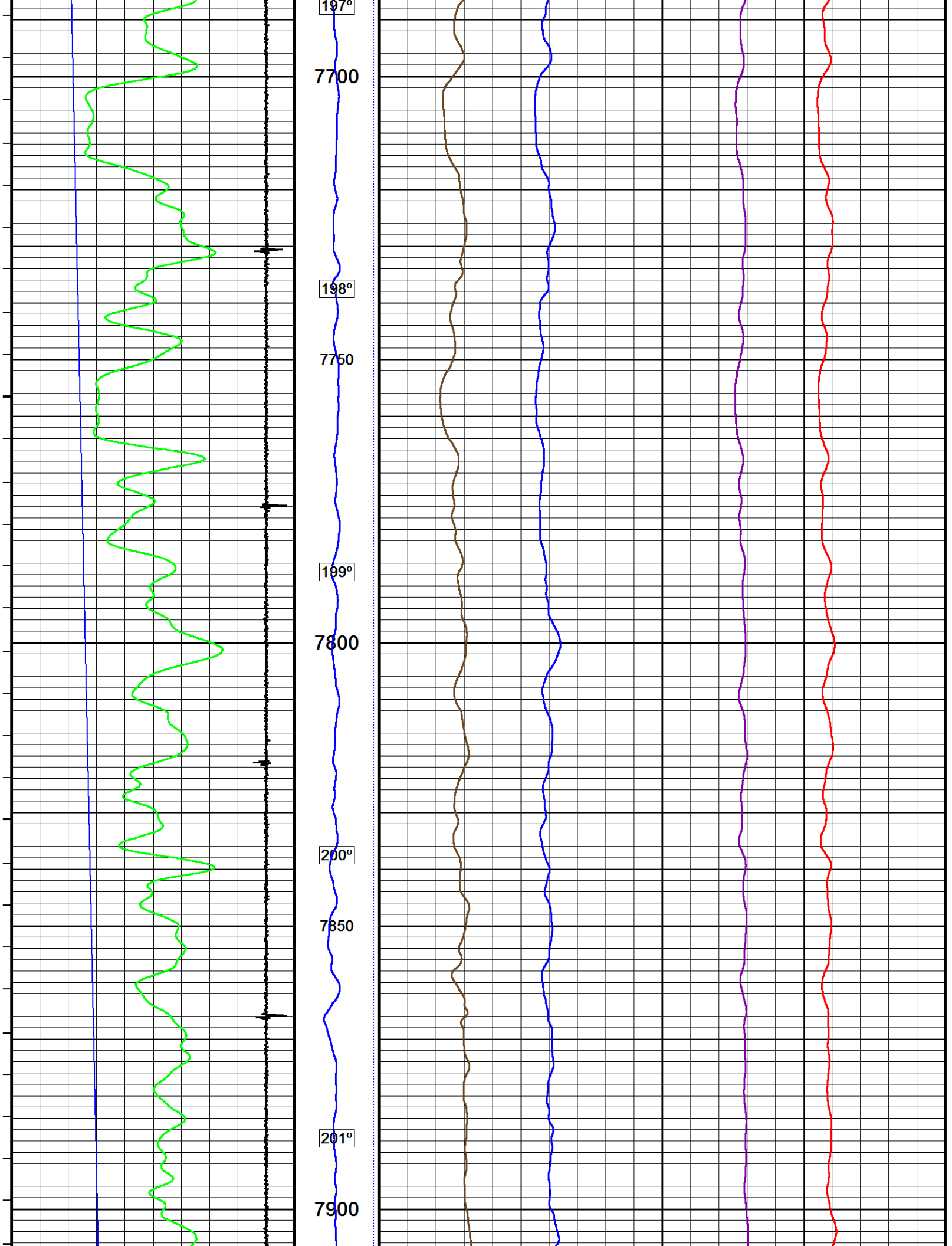


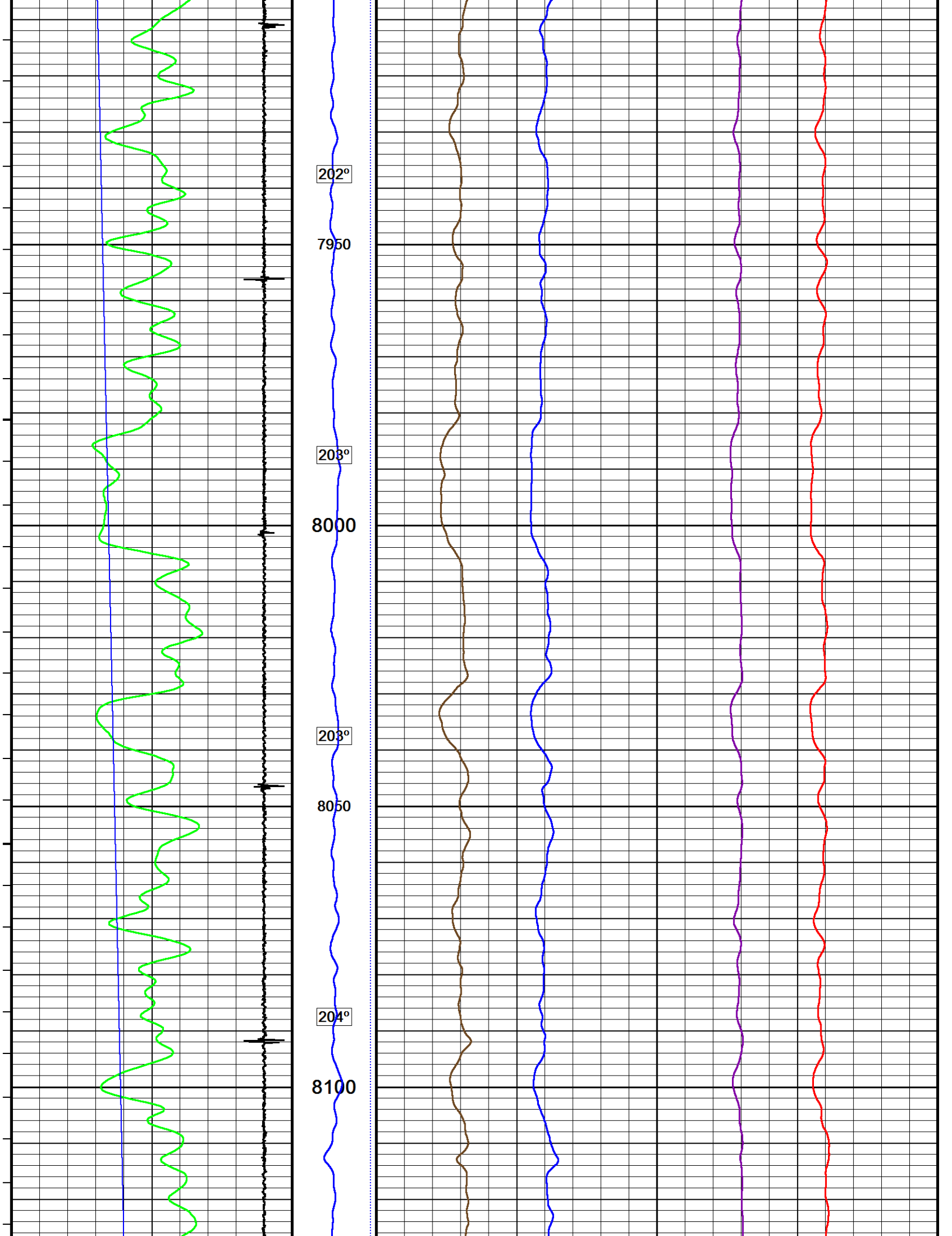


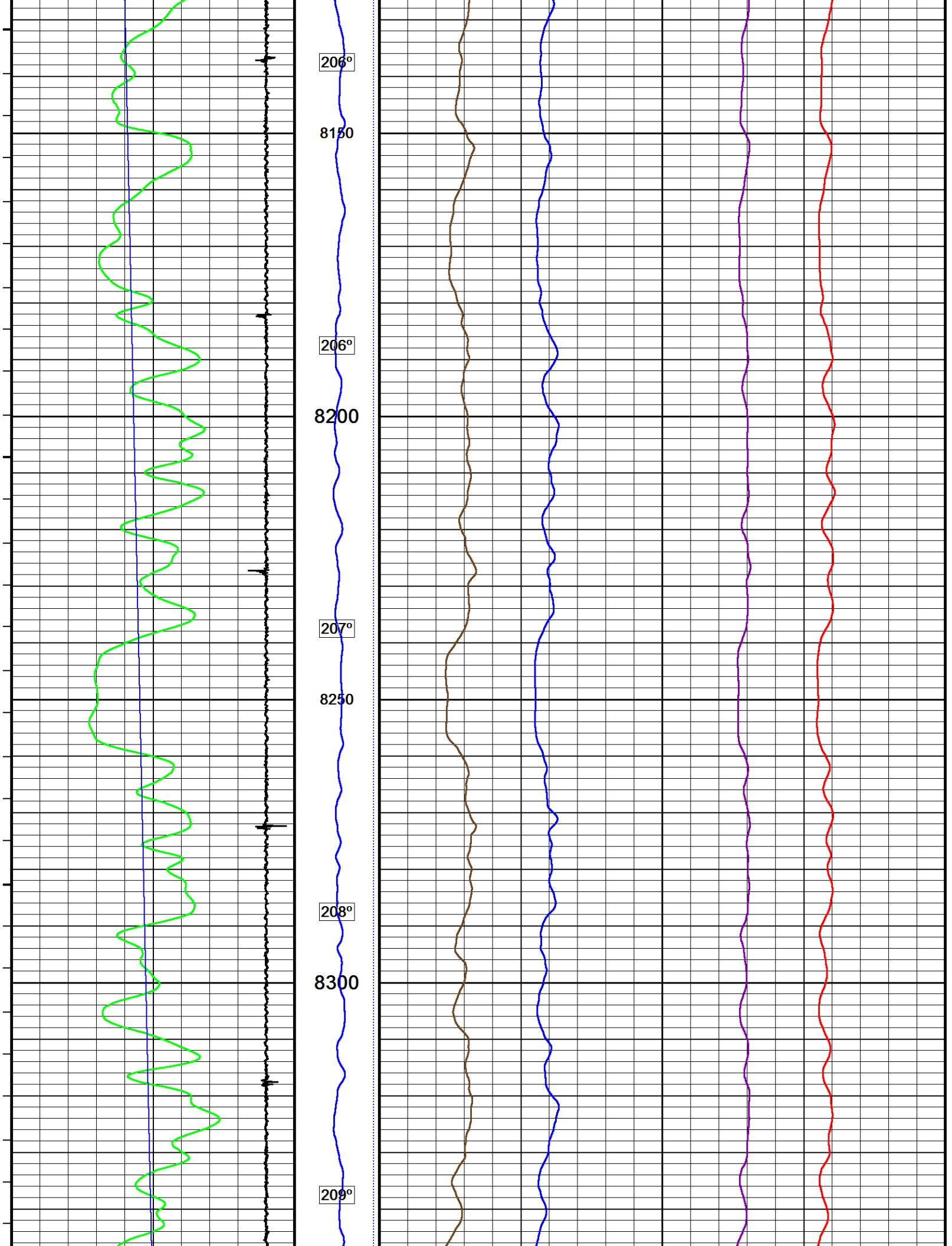


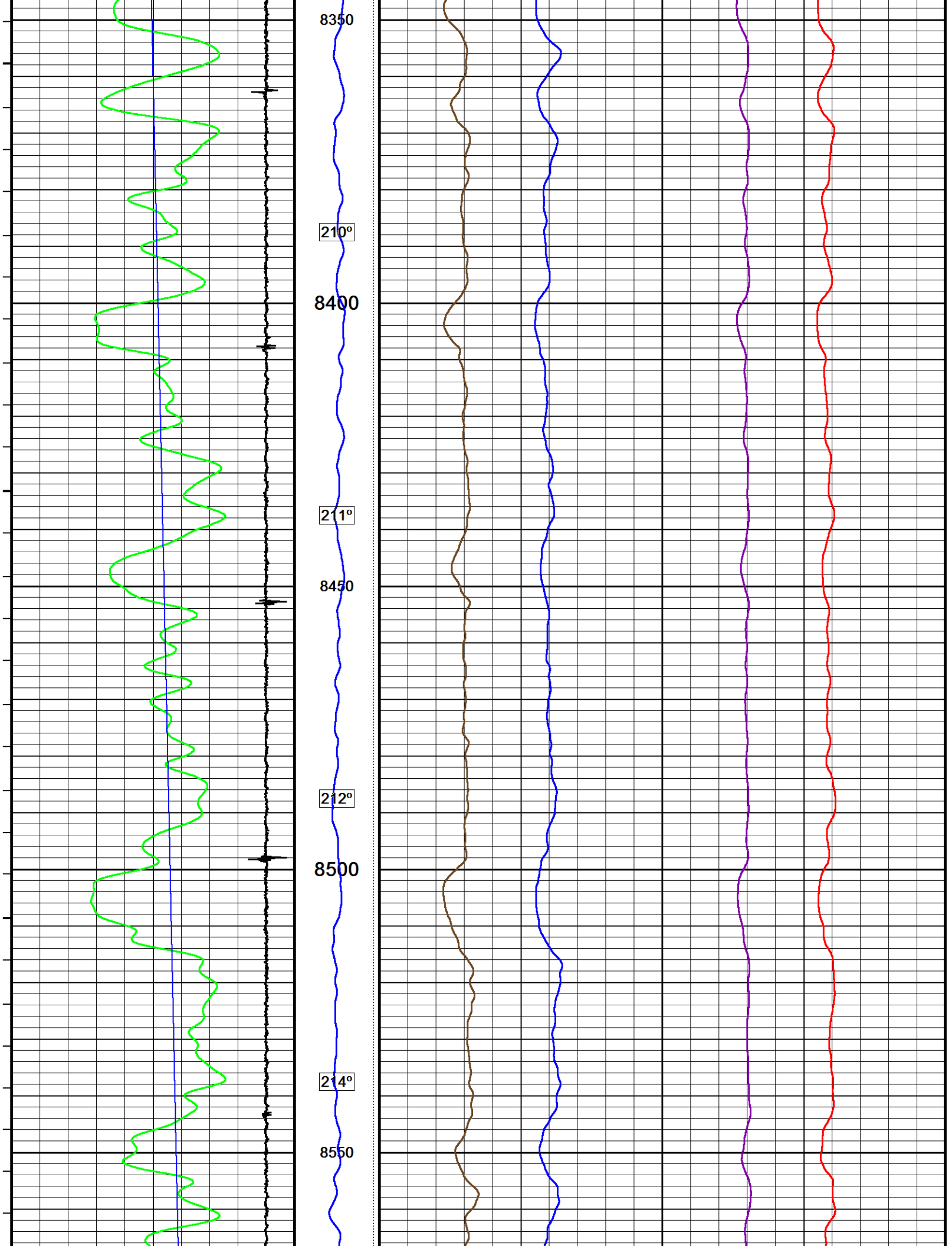


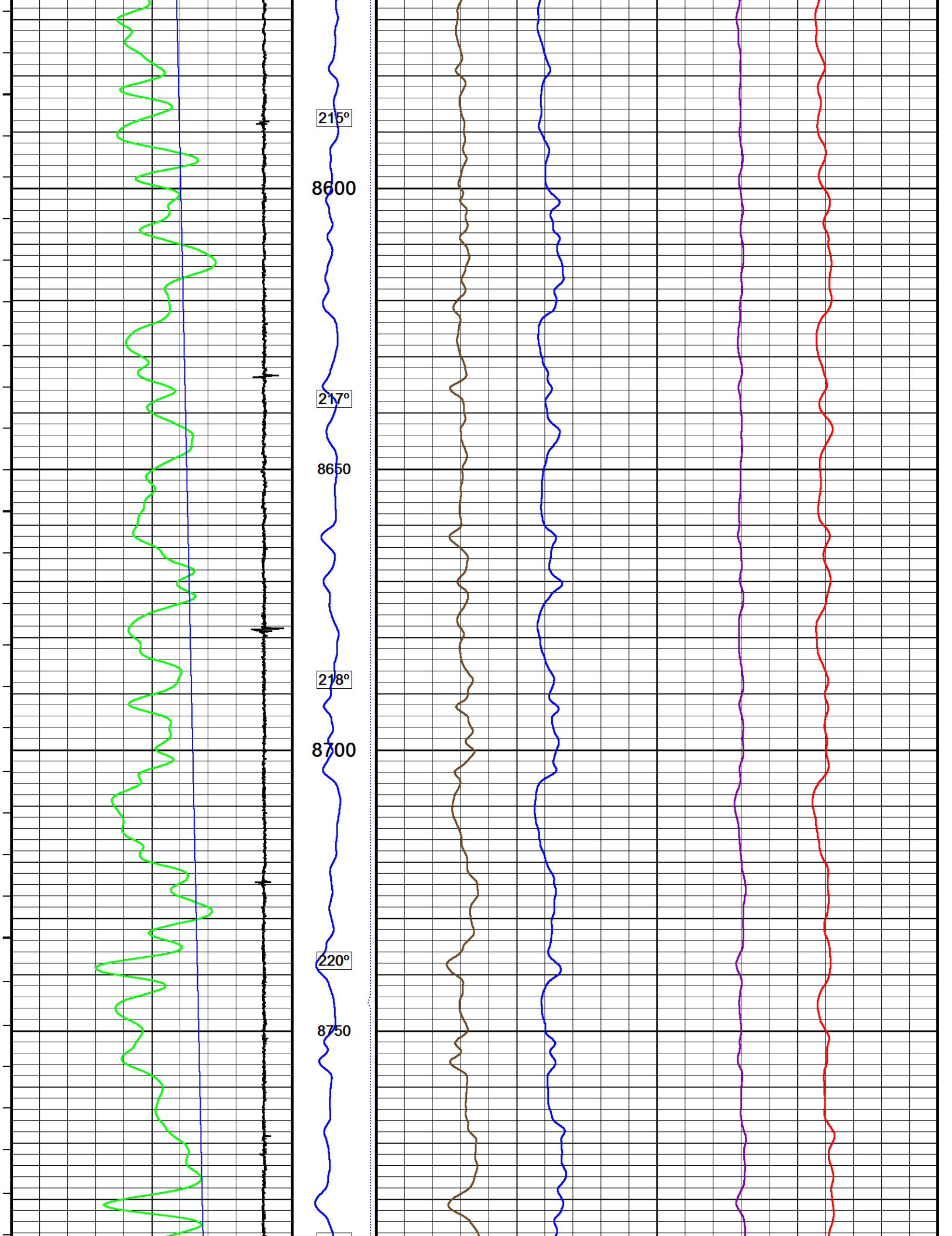


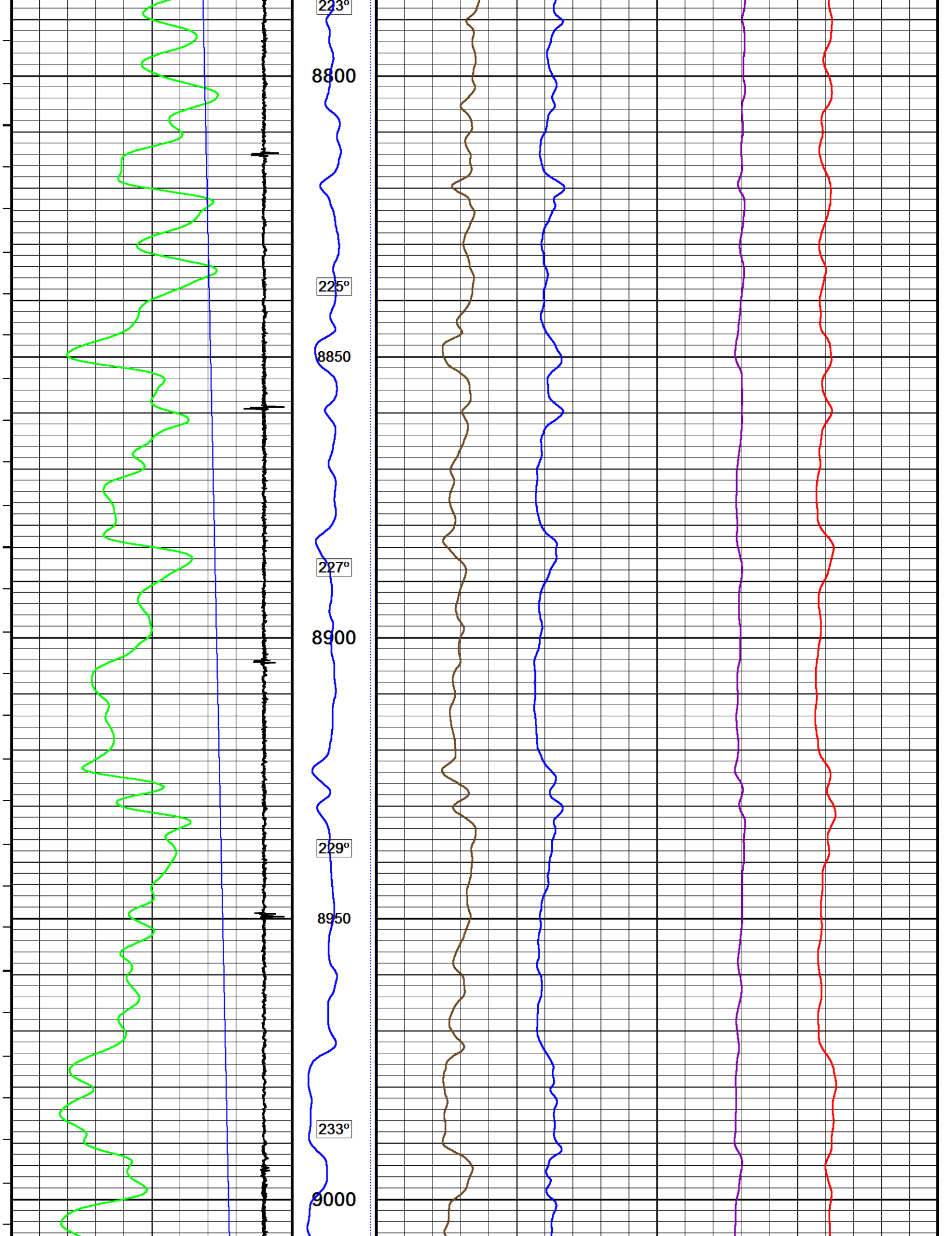


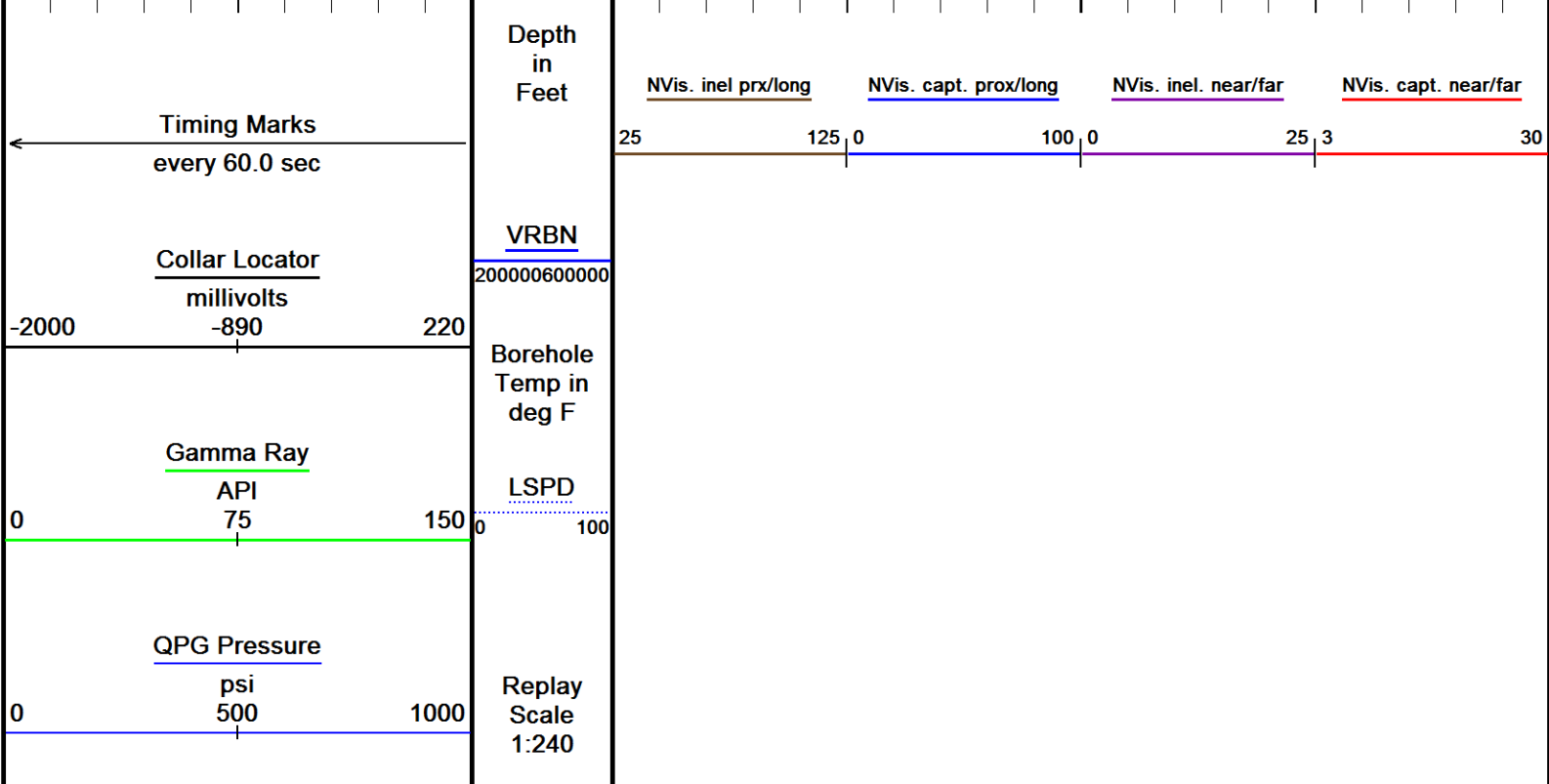
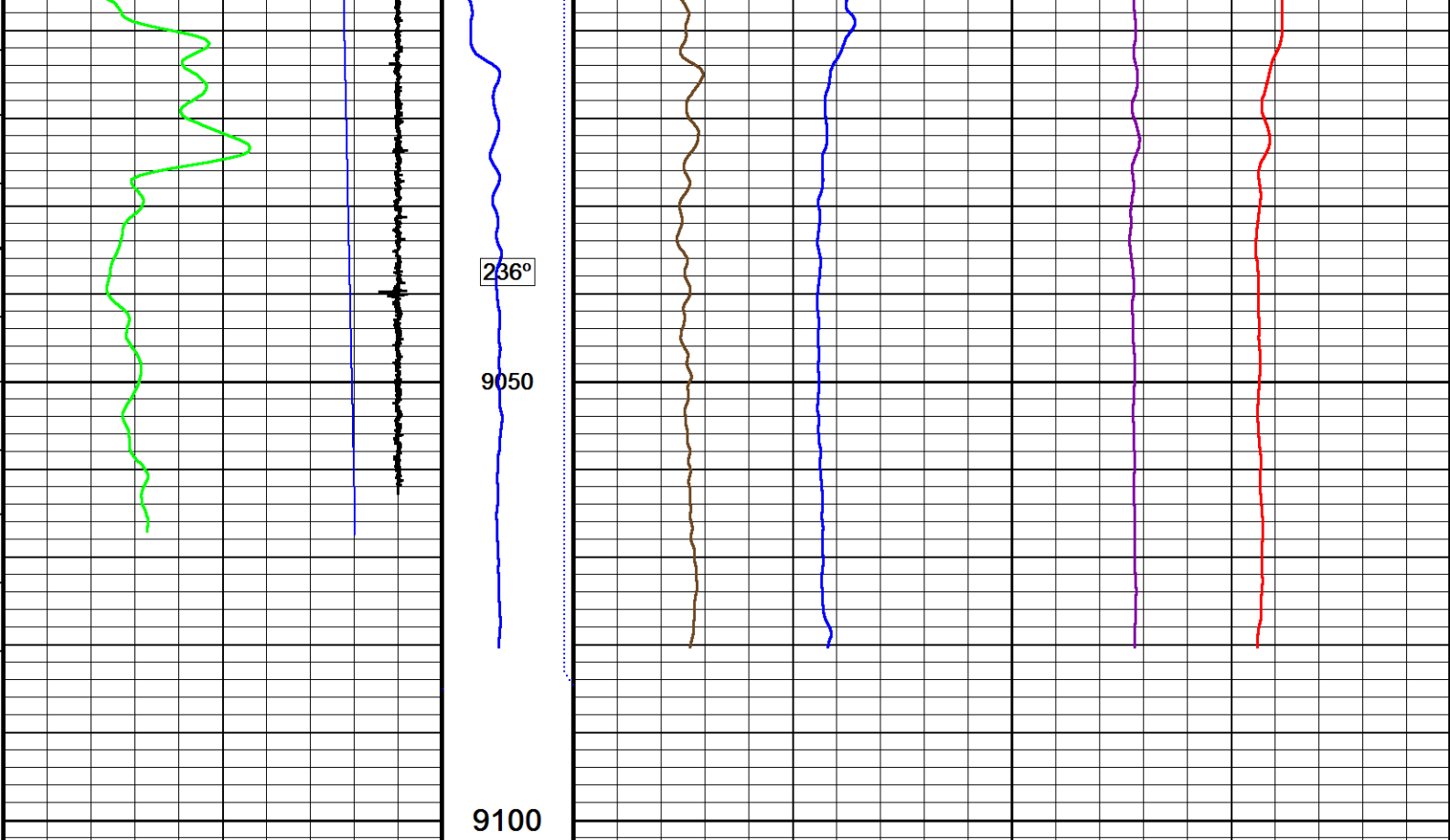










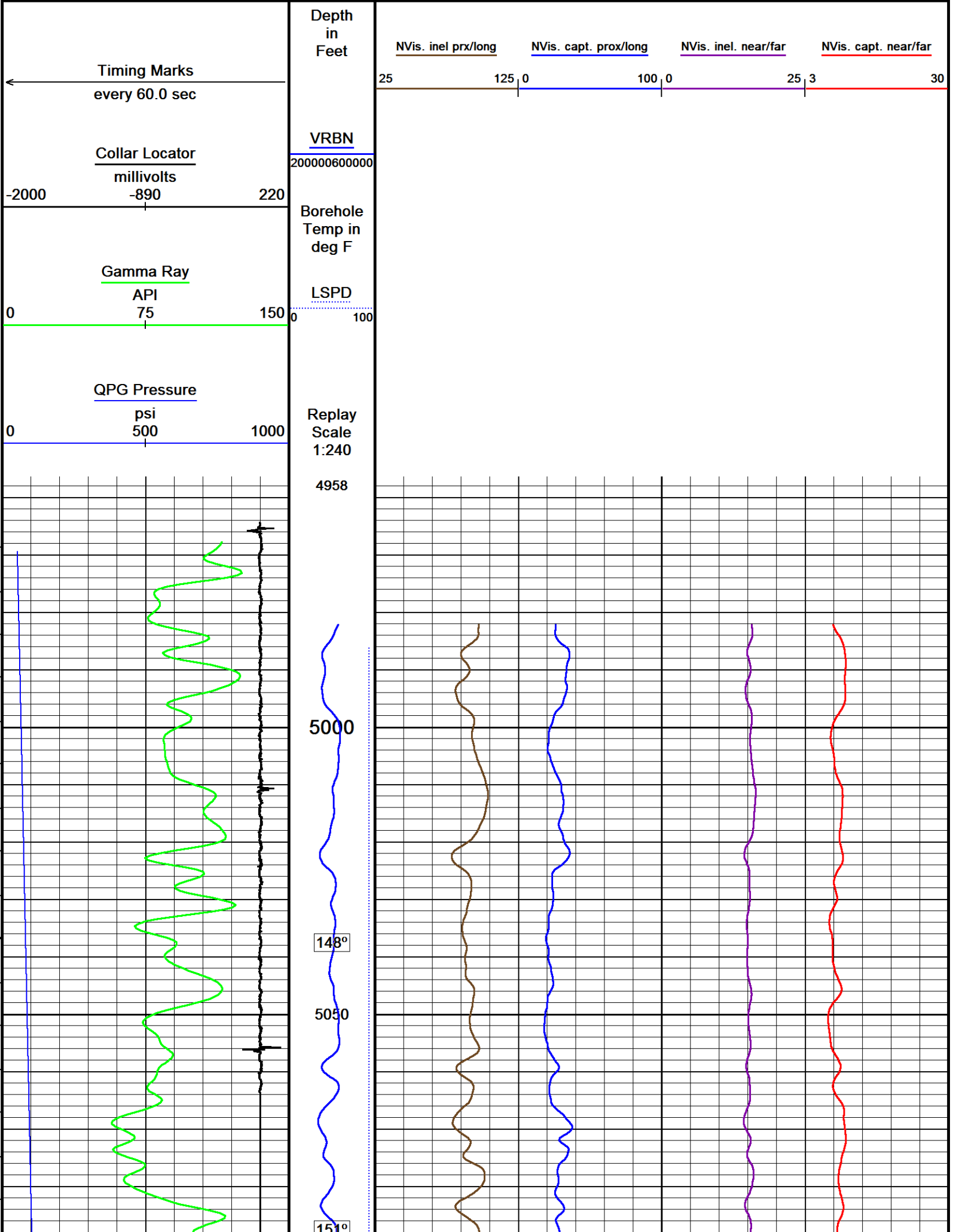


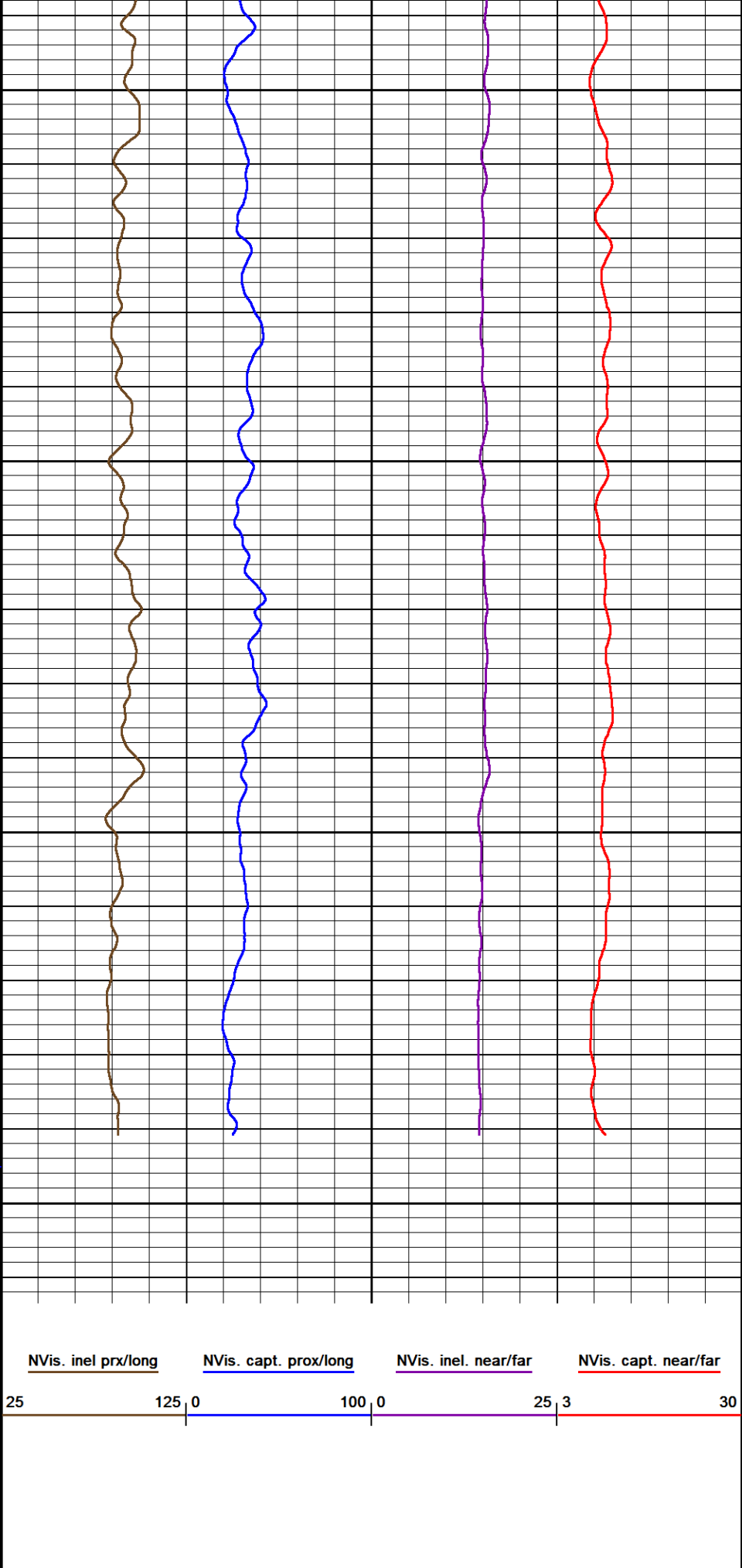
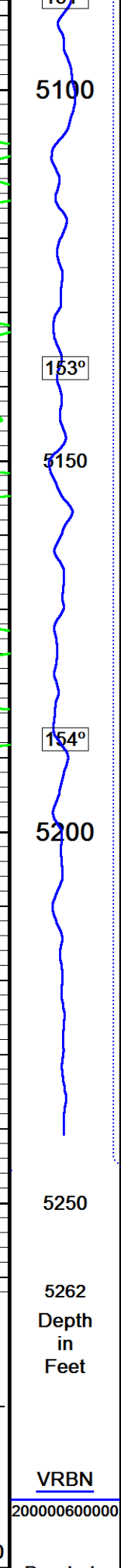
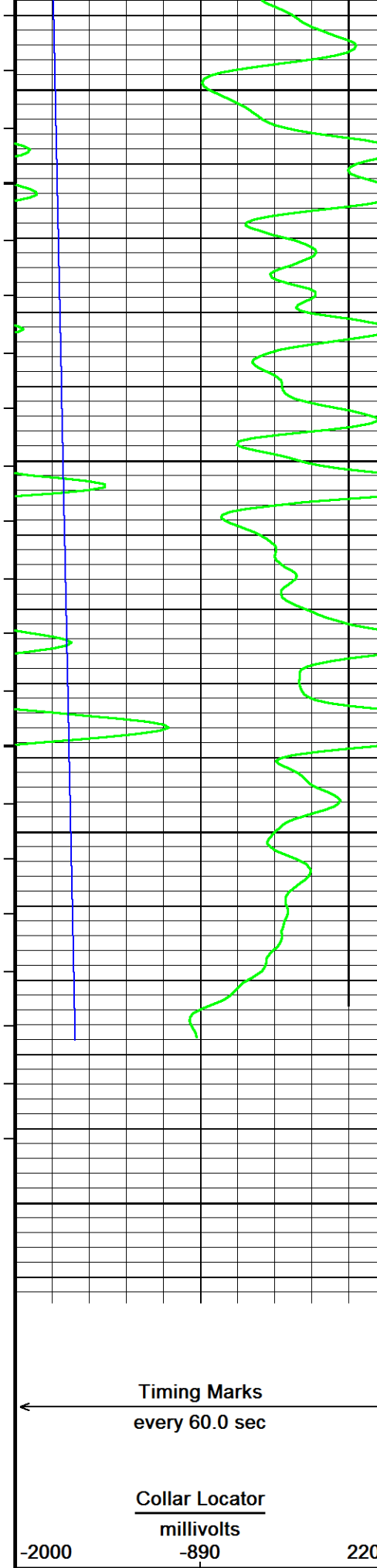
Depth Based Data - Maximum Sampling Increment 12.5cm
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Filename: F:\PUCKETT_33A_26_CRE\PUCKETT_33A_26_CREB_NVISION_REPEAT.dta
System Versions: Logged with 17.01.6744 Plotted with 17.01.6744

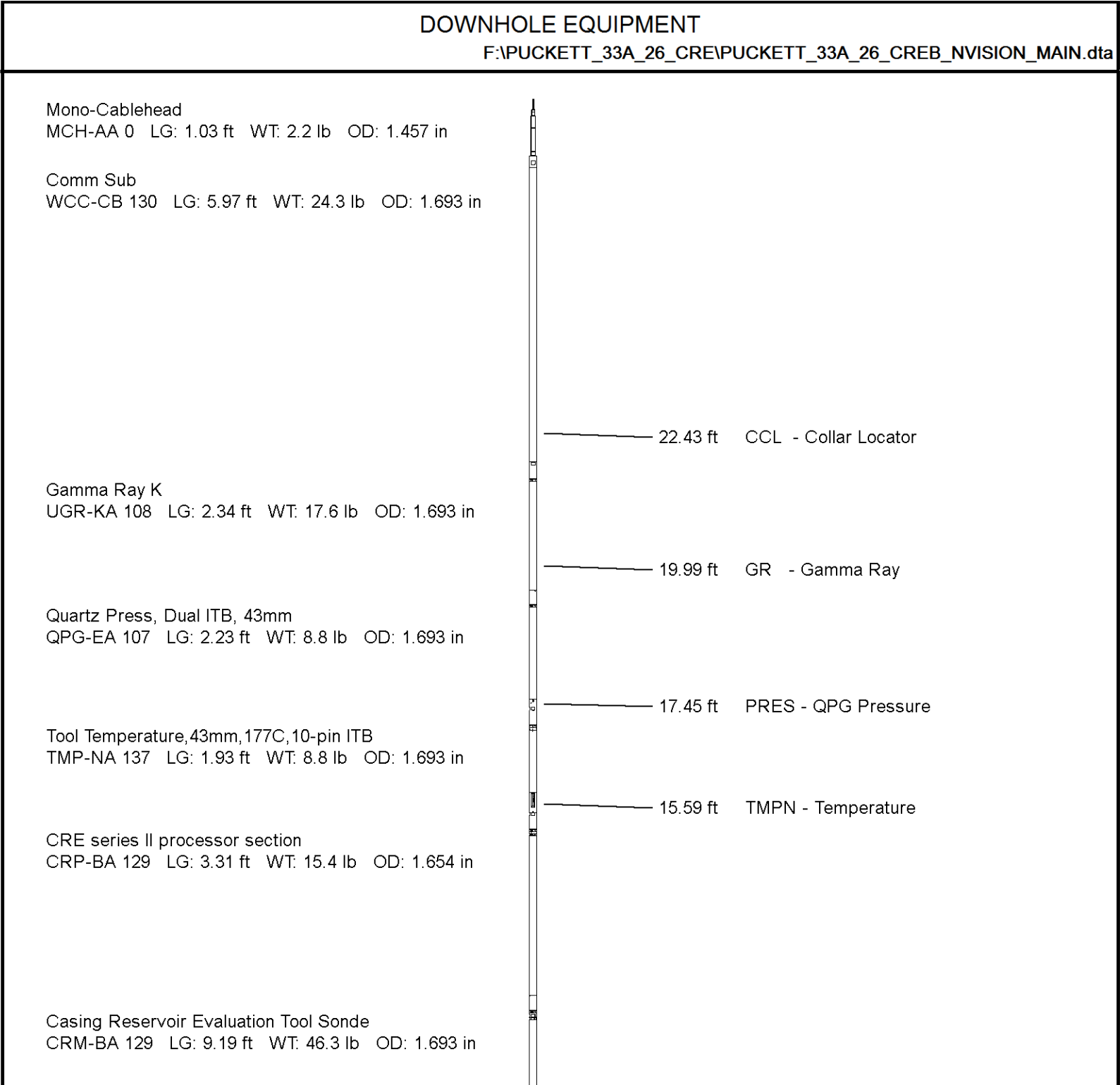
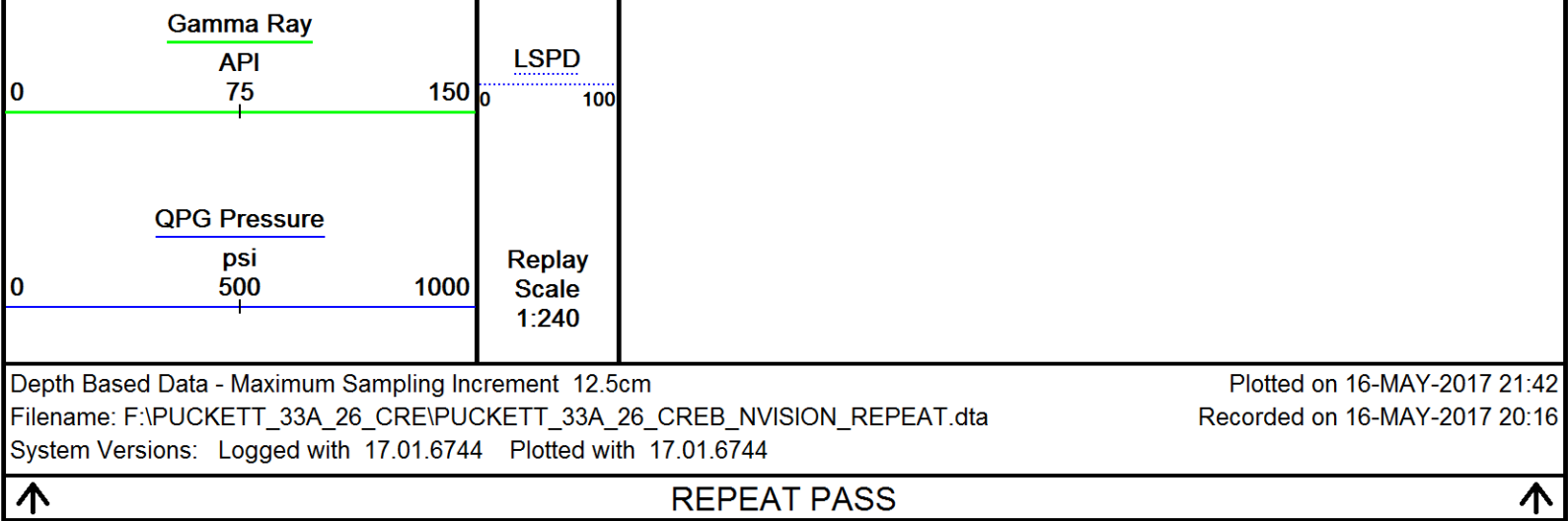
↑ MAIN PASS REPEAT PASS ↑

↓ REPEAT PASS ↓

Depth Based Data - Maximum Sampling Increment 12.5cm
Filename: F:\PUCKETT_33A_26_CRE\PUCKETT_33A_26_CREB_NVISION_REPEAT.dta
Plotted on 16-MAY-2017 21:42
Recorded on 16-MAY-2017 20:16







7.52 ft VB24 - NVis. incl. near/far
 7.52 ft VB15 - NVis. incl prx/long
 7.52 ft VC15 - NVis. capt. prox/long
 7.52 ft VC24 - NVis. capt. near/far
 7.52 ft VRBN - VRBN

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

Tool Zero (0.00ft from bottom)

All measurements relative to tool zero.

SHOP AND FIELD CALIBRATIONS

F:\PUCKETT_33A_26_CRE\PUCKETT_33A_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
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39.7	852.4	486.5	API
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Delta Counts Per Sec: 812.7 CPS/API = 1.671

QPG Master Calibration QPG-EA 107

Gauge

Serial Number 220929

Calibration Date 15 Sep 2012

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

Pressure polynomial order 3					Temperature polynomial order 3				
	T0	T1	T2	T3	T4				
P0	14.1363	-0.231359	-0.0199948	9.69338e-006					
P1	9.69338e-006	42.6942	-0.0212493	2.7973e-005					
P2	2.7973e-005	-5.21212e-008	-0.00210258	8.46866e-006					
P3	8.46866e-006	-4.68837e-008	2.25752e-011	7.55316e-007					
P4									
Temperature									
	T0	T1	T2	T3	T4	Temperature polynomial order 3			
	25.2281	-0.730006	-0.000855483	-6.83633e-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					API				
Delta Counts Per Sec: 821.0					CPS/API = 1.688				

COMPANY	CAERUS OIL & GAS
WELL	PUCKETT 33A-26
FIELD	GRAND VALLEY
PROVINCE/COUNTY	GARFIELD

COUNTRY/STATE			USA / COLORADO		
Elevation Kelly Bushing	8426	feet	Bottom Log Interval	9085.00	feet
Elevation Drill Floor	8426	feet	Depth Driller	9110.00	feet
Elevation Ground Level	8396	feet	Depth Logger	9085.00	feet
<div><div><div>Weatherford[®]</div><div>RAPTOR NVISION LOG</div></div></div>					