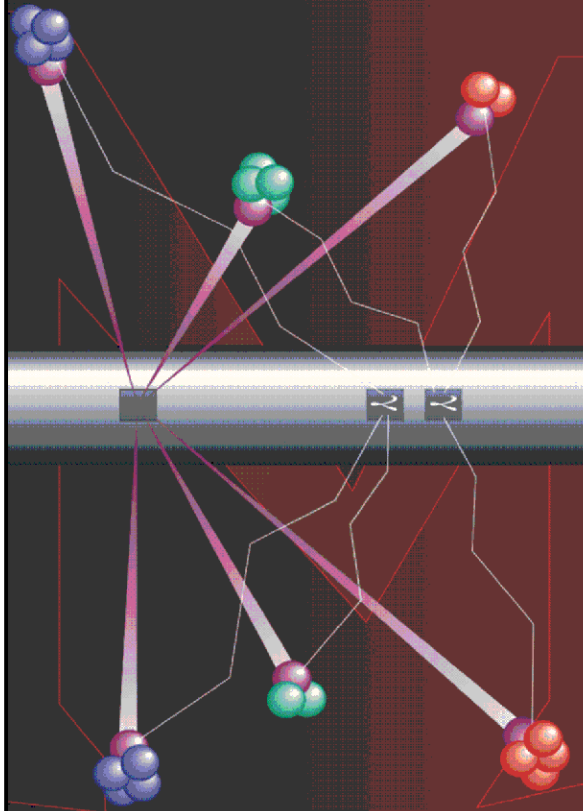


# Pulsed Neutron Formation Evaluation



## NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY LLC

WELL NICHOLS 0994-24-06W

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS SECTION

SEC 24 TWP 9S RGE 94W

ELEVATIONS:

KB 7161.0 FT DF GL 7137.0 FT

DATE 25-JAN-2018 ECC 30069-01

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE THE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT. BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

### COMPUTATION PARAMETERS

COMPUTATION	LOGS USED: <u>RPM-C</u>		PROGRAM: <u>NEO</u>	
	CENTER: <u>CALGARY GEOSCIENCE</u>	LOG ANALYST: <u>A. KOTOV</u>		DATE: <u>25-JAN-2018</u>
FIELD DATA	LOCATION: <u>GRAND JCT.</u>		ENGINEER: <u>T.NEWELL/US131986</u>	DATE: <u>30-JAN-2018</u>
FROM	TO			
<u>2204 FT</u>	<u>7509 FT</u>			

### REMARKS

\*\*\*\*\*TRAINING WELL\*\*\*\*\*

LOCATION:  
SHL: 39.264514 N, 107.830743 W  
BHL: 39.265727 N, 107.835353 W

ANY ERRORS IN THE TRAINING WELL OPEN HOLE DATA CAN PERPETUATE TROUGH AS AN ERROR IN THE EMULATED RESULTS.

OPEN HOLE IS DEPTH REFERENCE LOG

# NEO RESULTS FOR NICHOLS 0994-24-06W (MAIN)

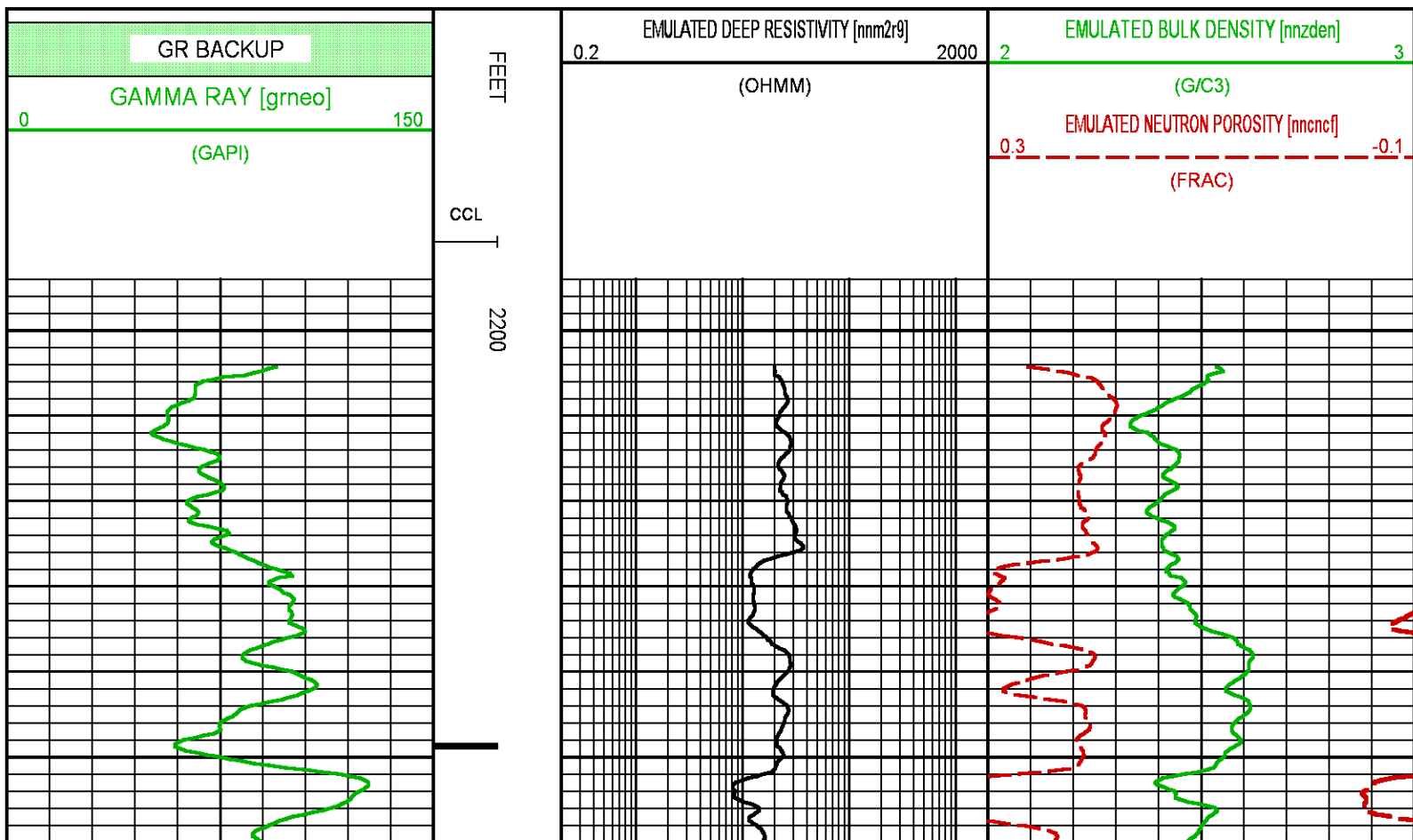
ECLIPS ECPLLOT from ECLIPS 7.0 WFM 5.0.7343.1 Sun 02/07/2016 16:48:51.73

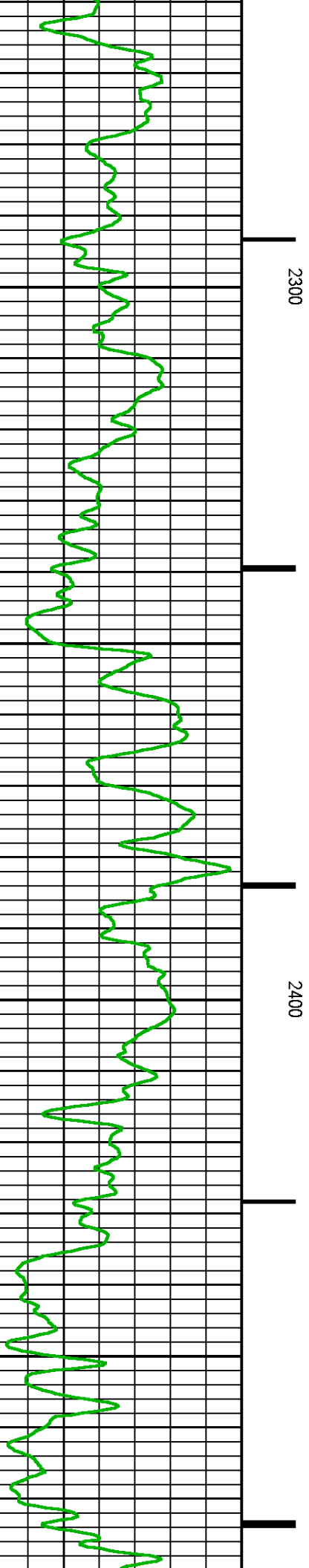
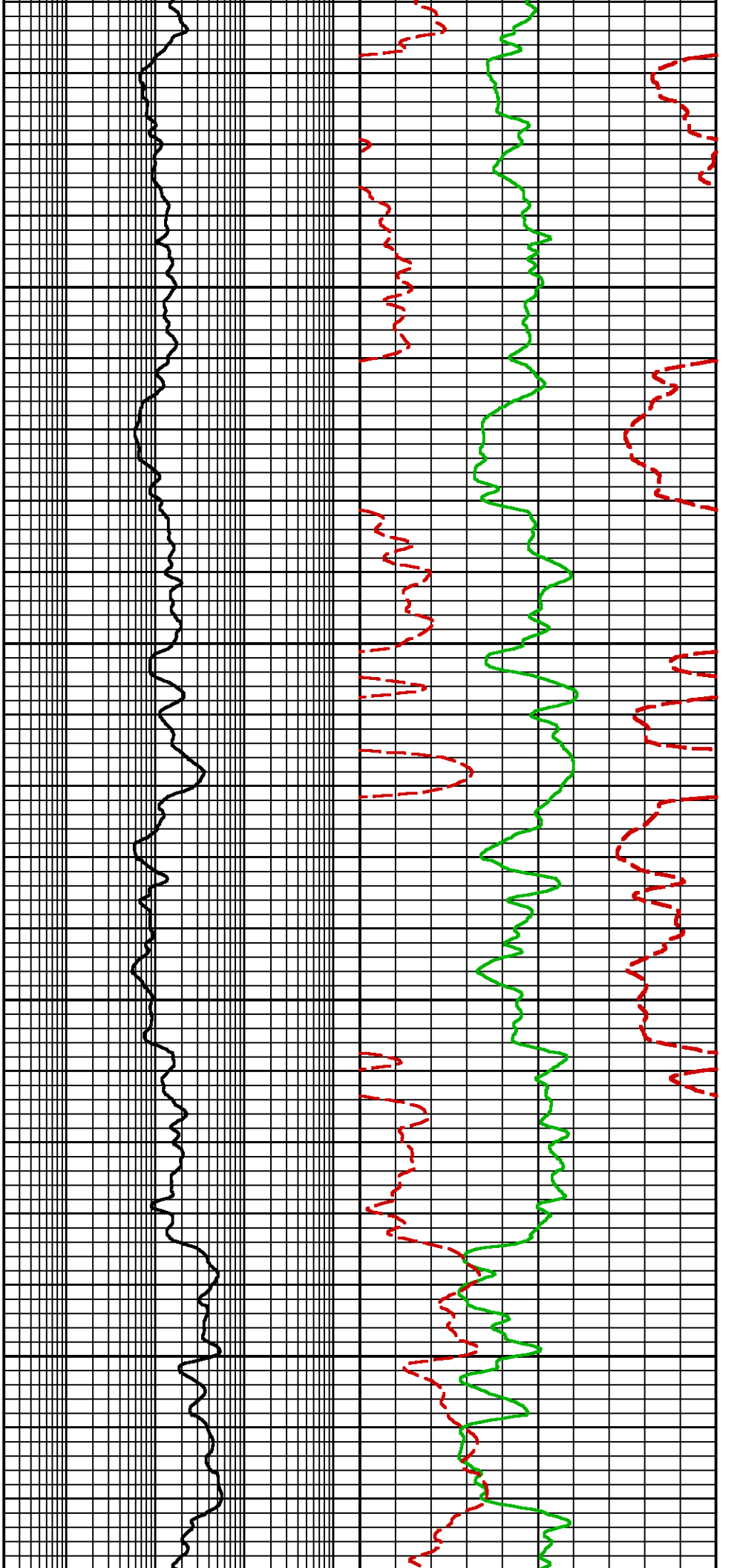
Plotted: Tue Jan 30 11:53:33 2018

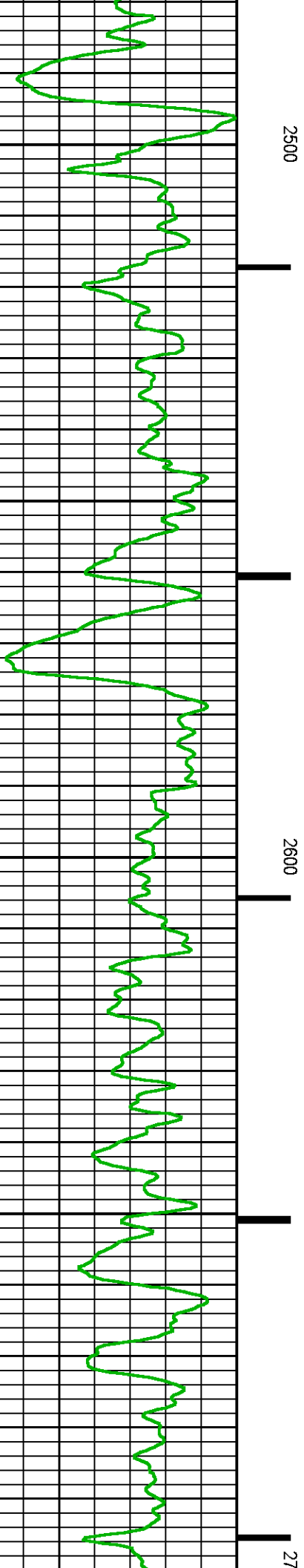
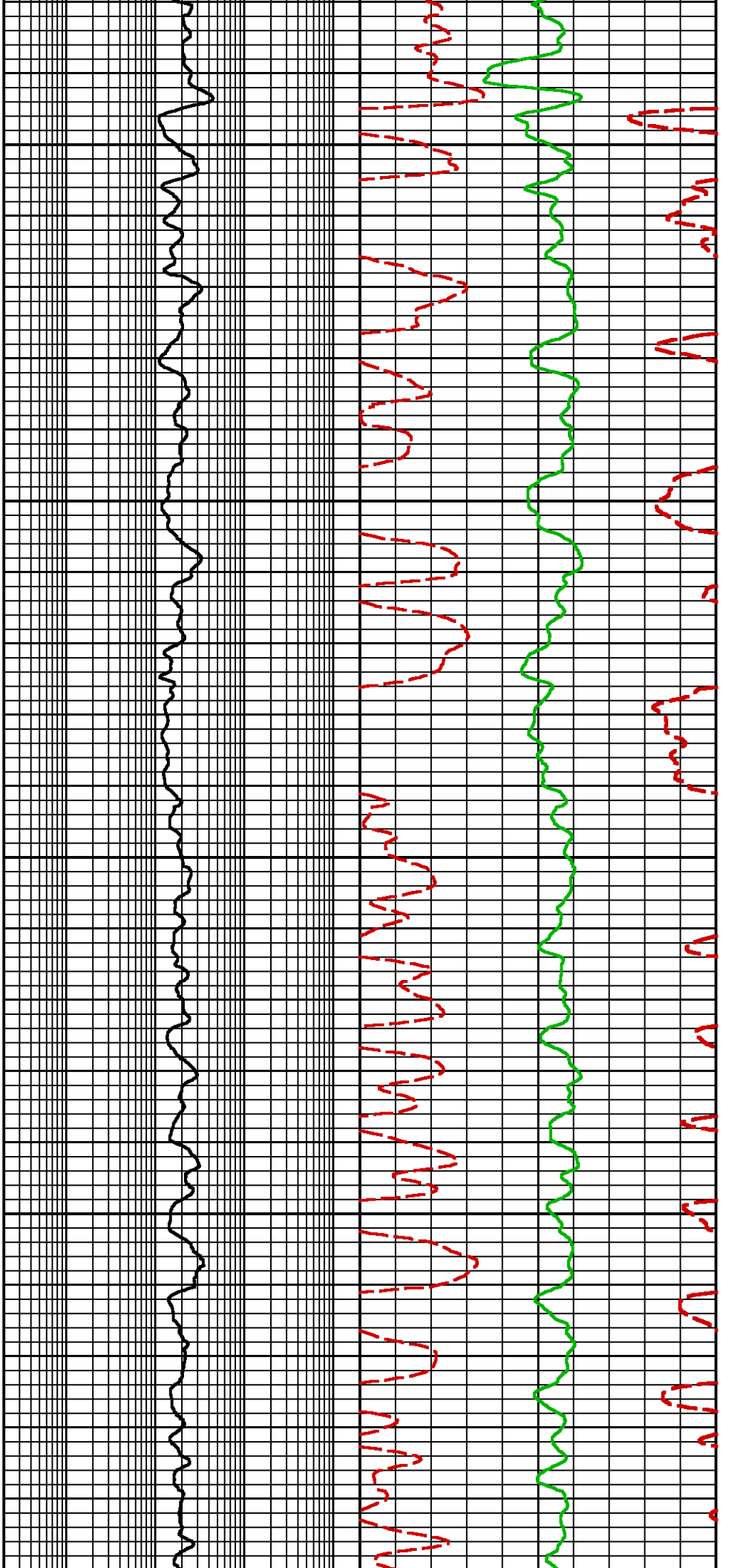
## CURVE MEASURE POINT OFFSET

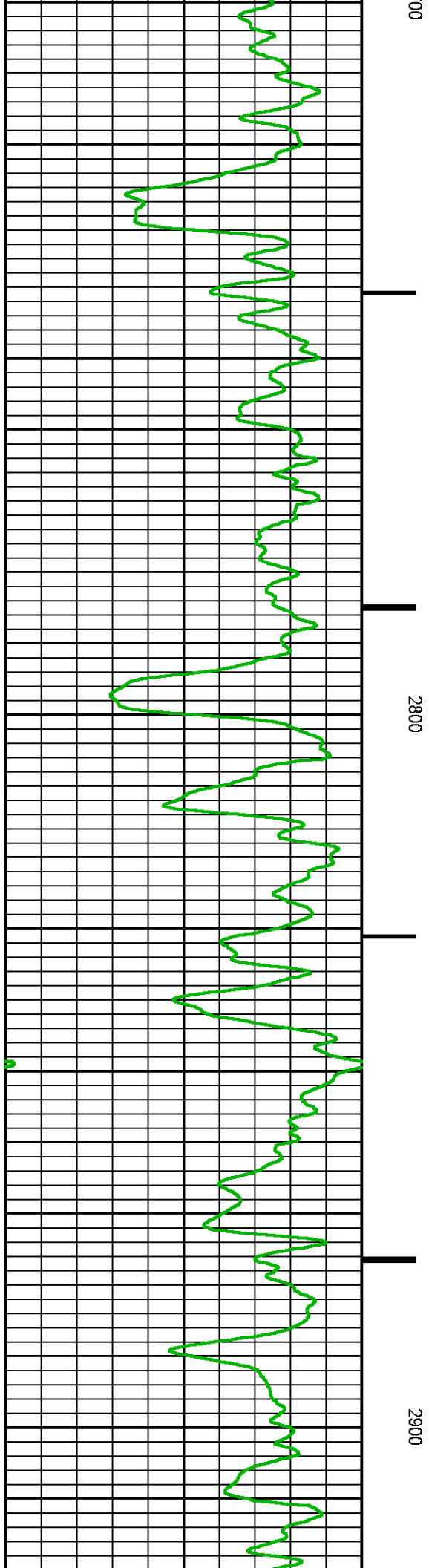
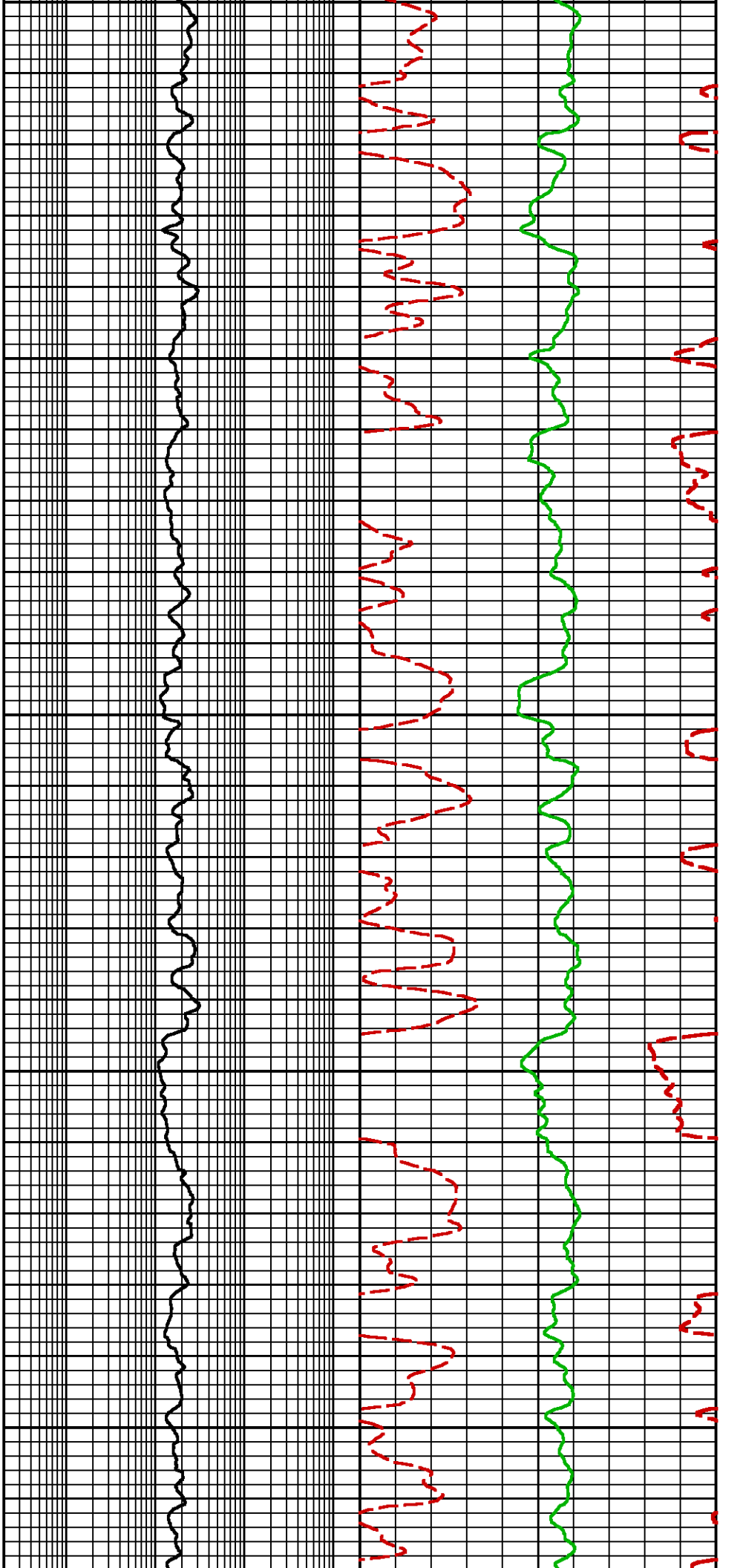
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNC	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

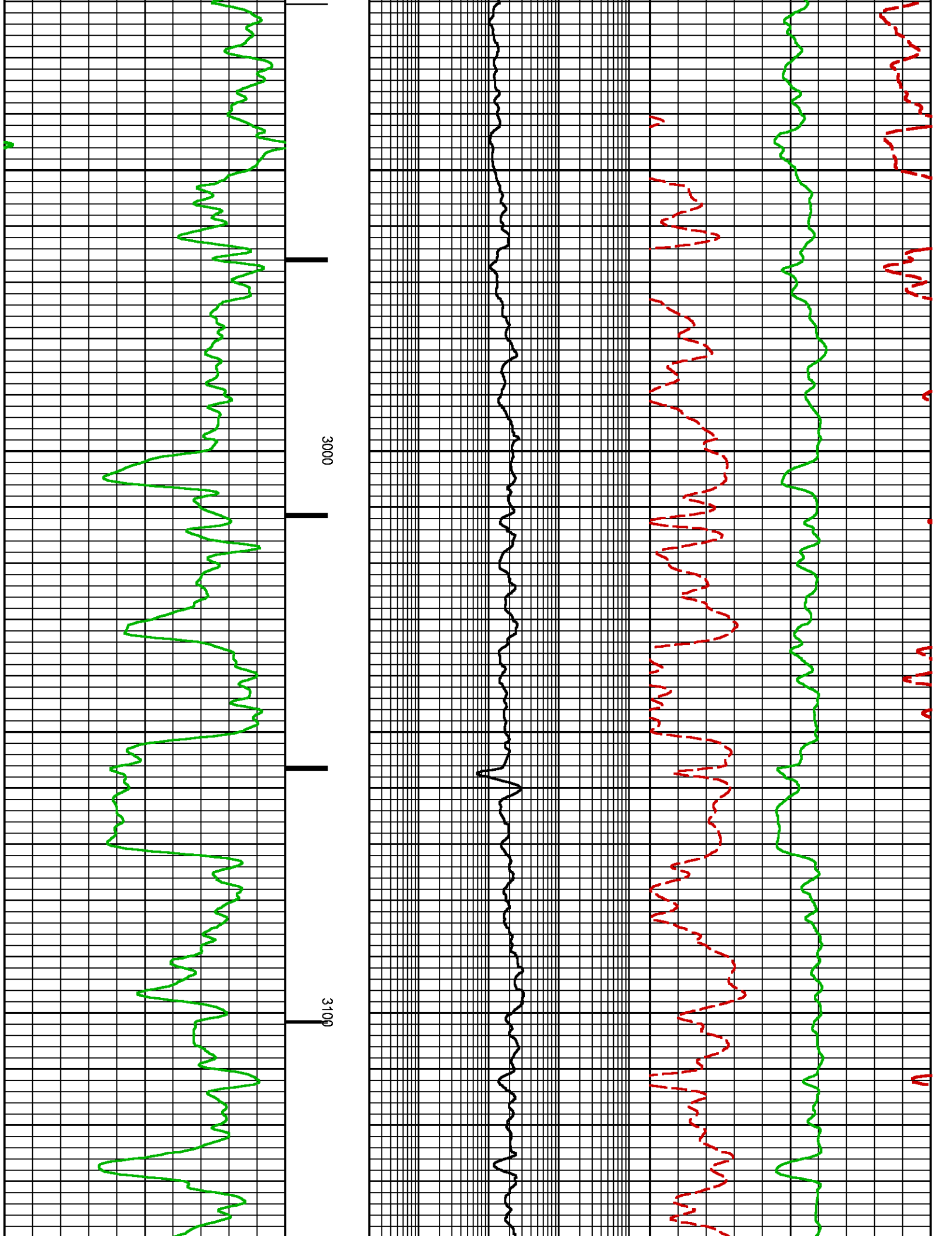
**Project** : NA  
**User** : kotoale  
**Presentation** : BHI1F65XZ1:d:\Ape\_Projects\Laramie\_0994\_24\_06W\NEO\_PRESENTATION\_LARAMIE\_MAIN.pdf [5"/100' Scale]  
**Plot Interval** : 2195 - 7428 Feet  
**Data File 1** : F1 : BHI1F65XZ1:D:\Ape\_Projects\Laramie\_0994\_24\_06WMerged\_Set\_Final.xtf  
**Created On** : N/A  
**Company** : LARAMIE ENERGY  
**Well** : NICHOLS 0994-24-06W  
**Field** : VEGA  
**File Interval** : 2204.25 - 7509.25 Feet  
**OCT** : NA

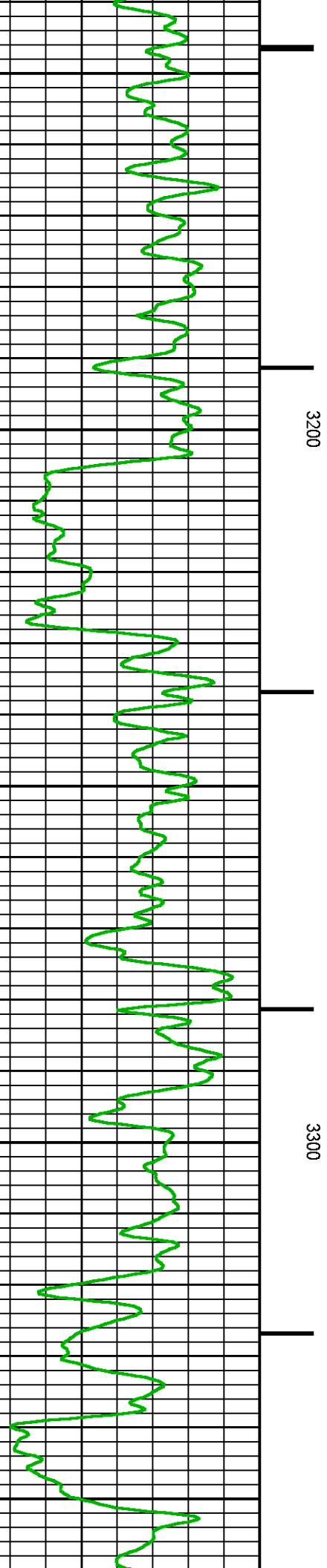
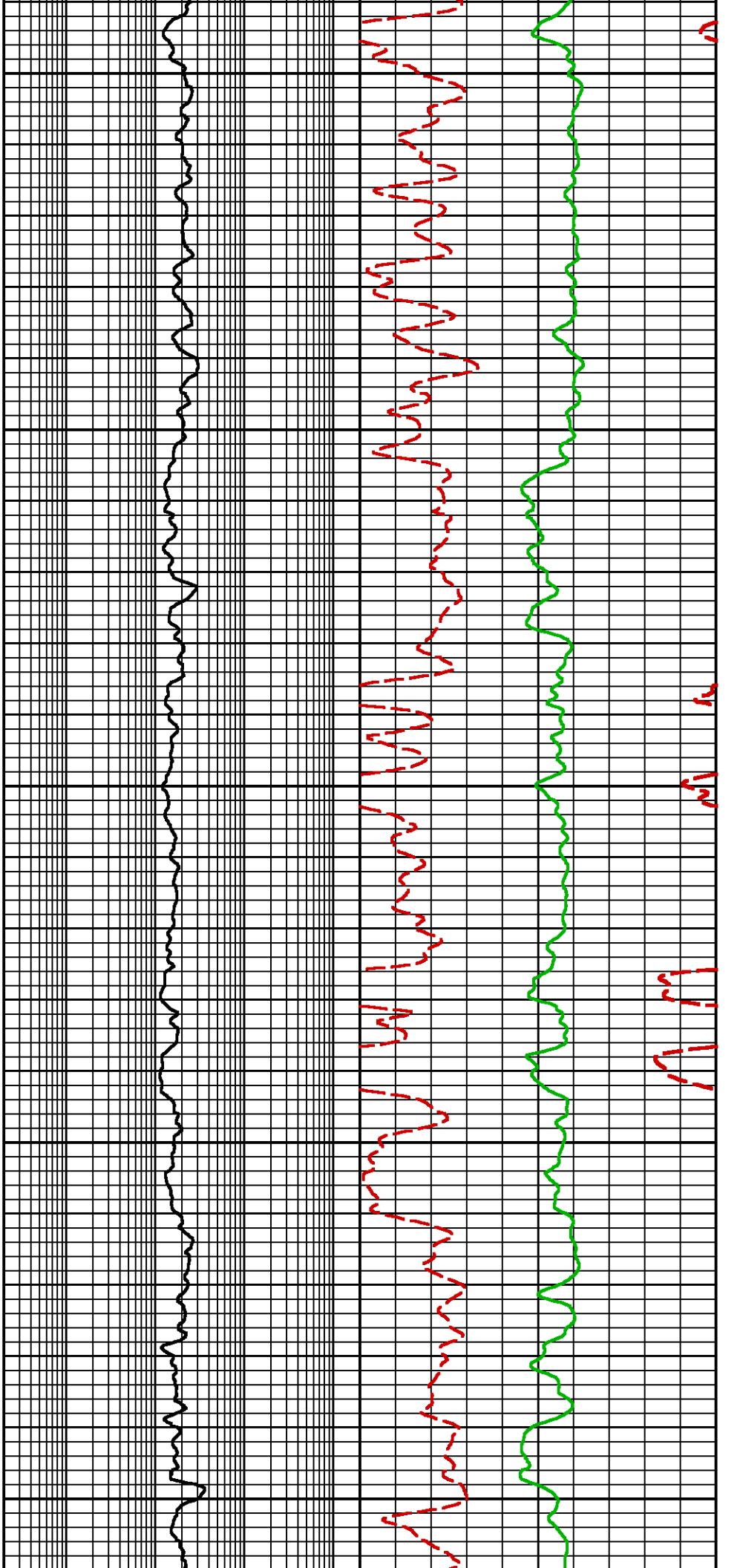


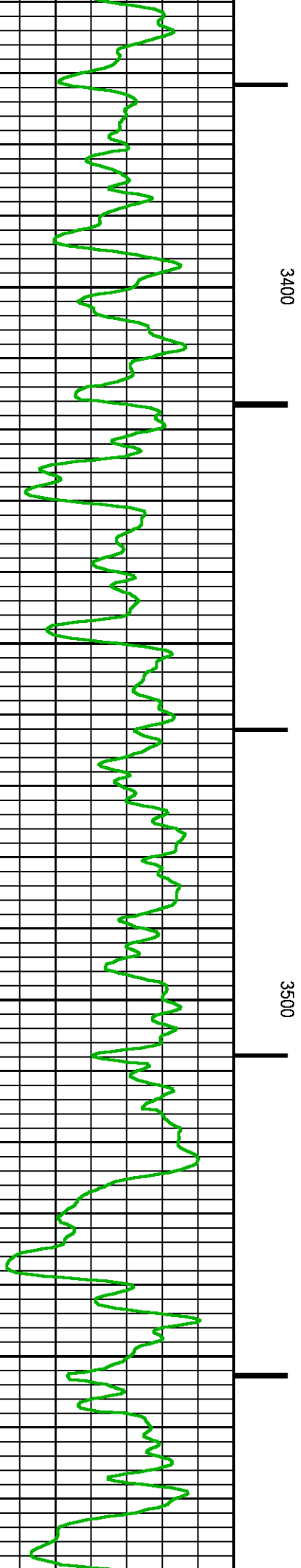
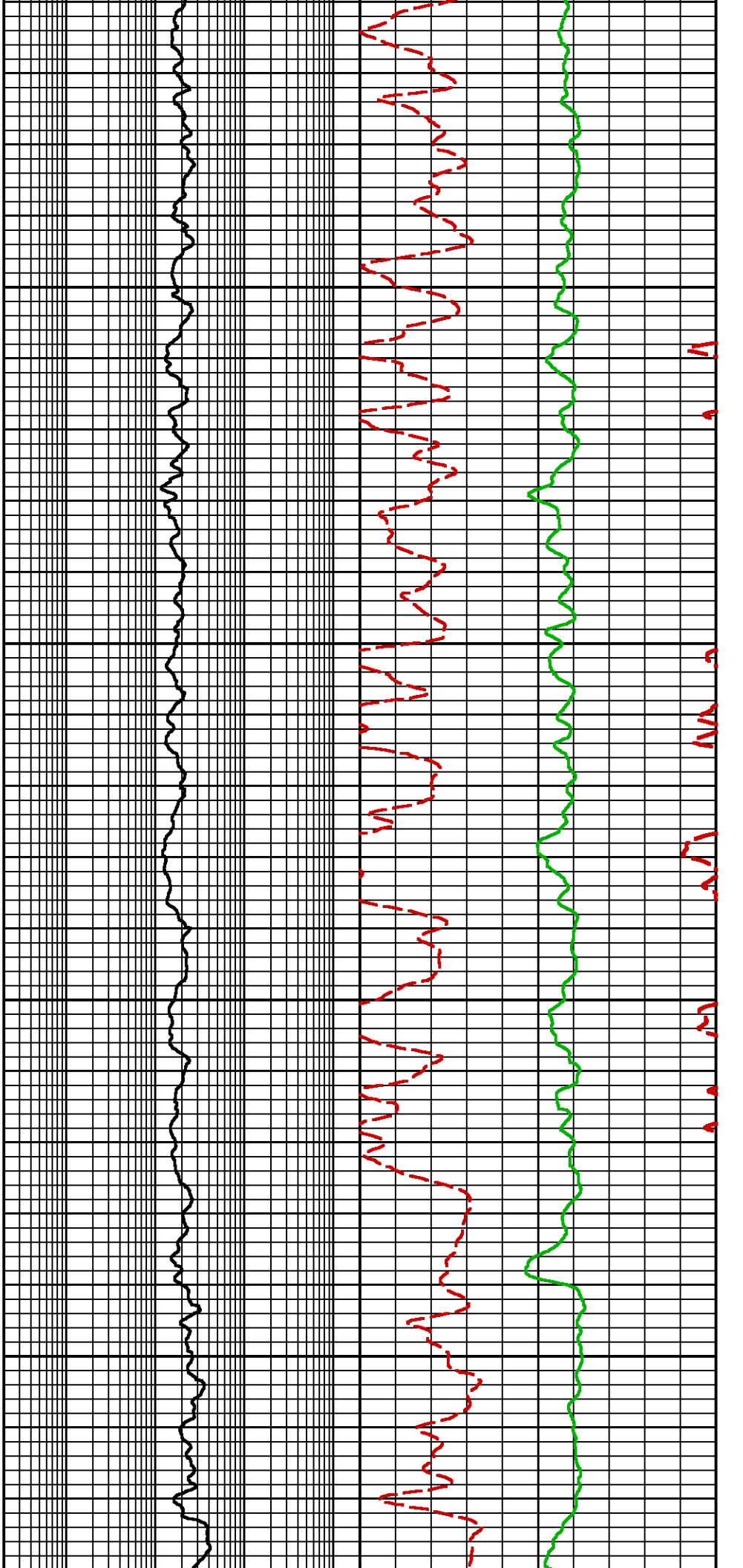




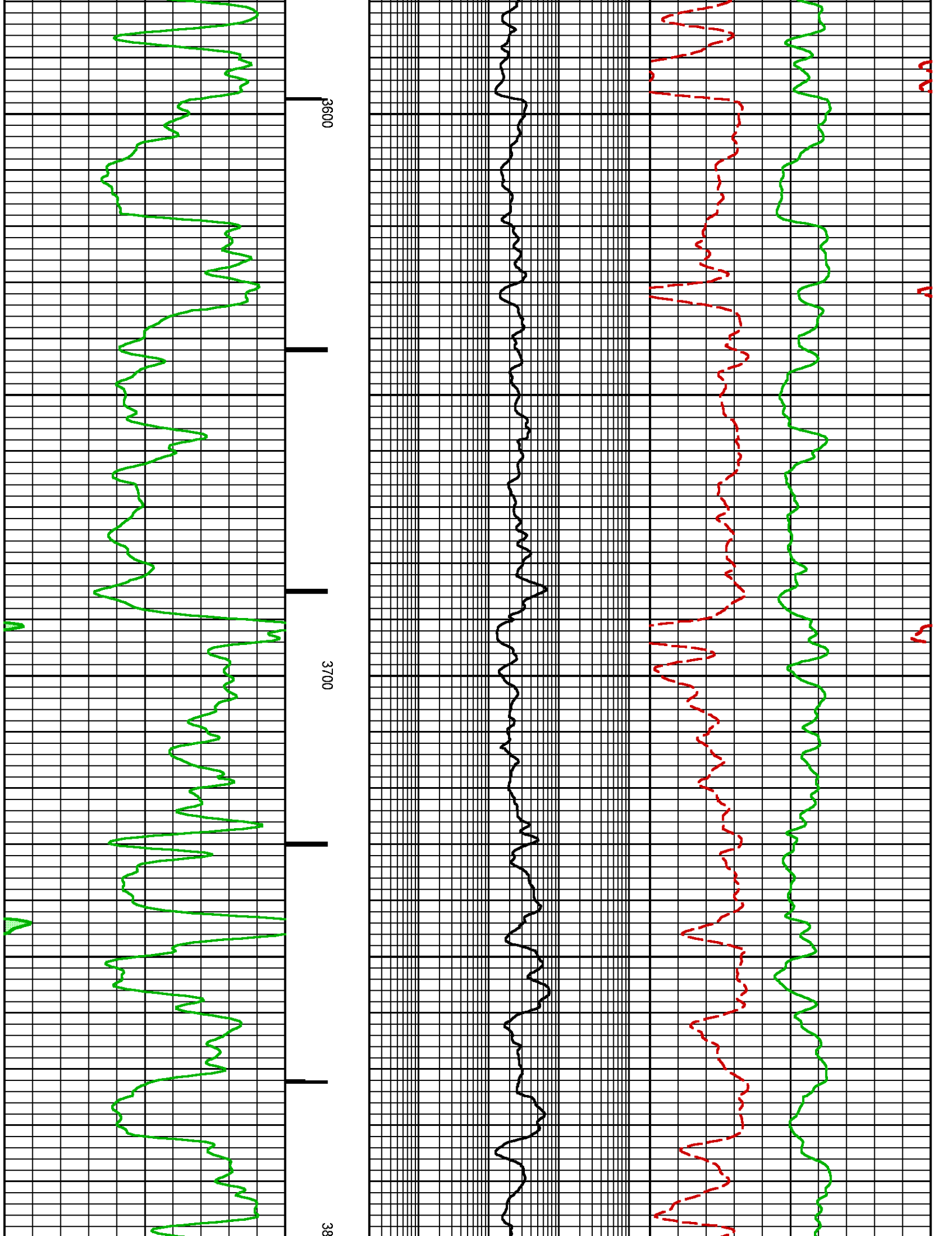


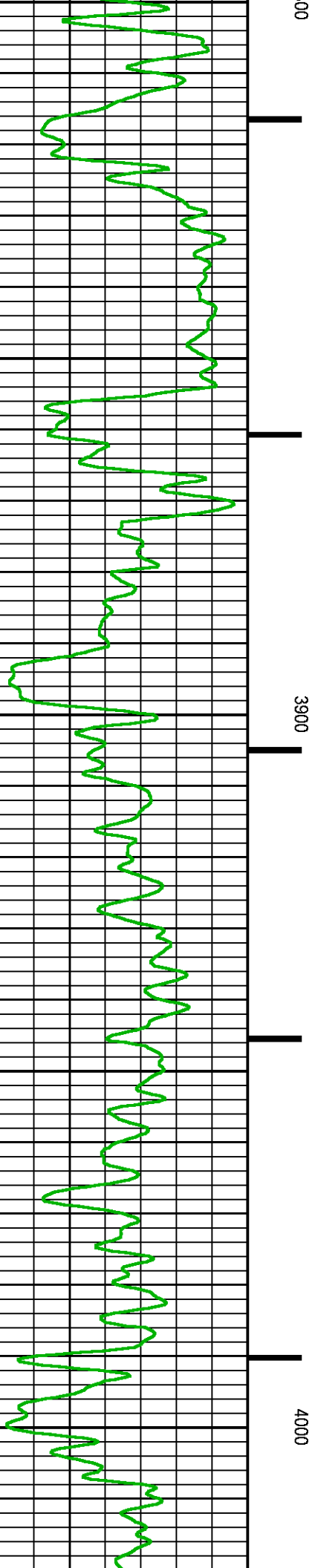
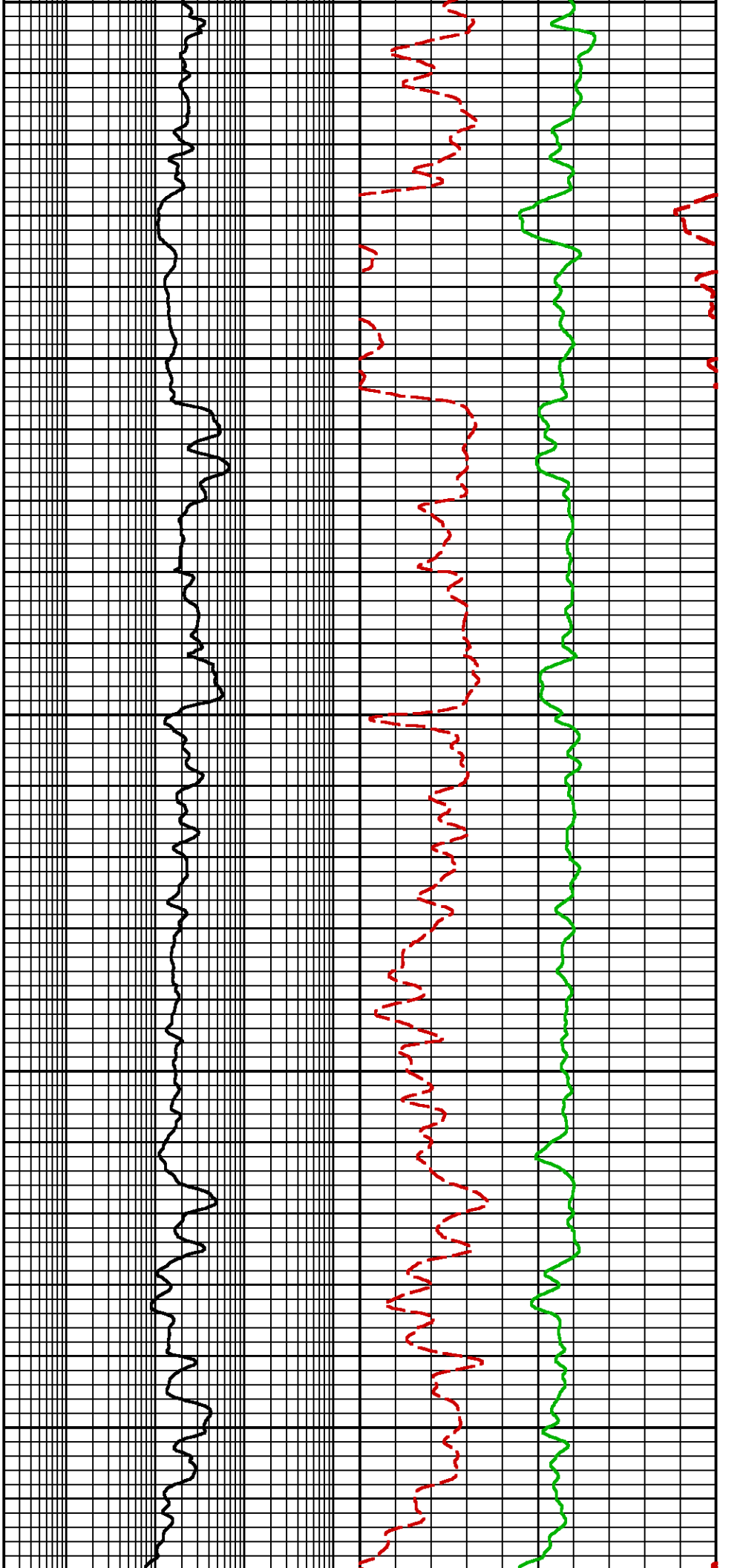


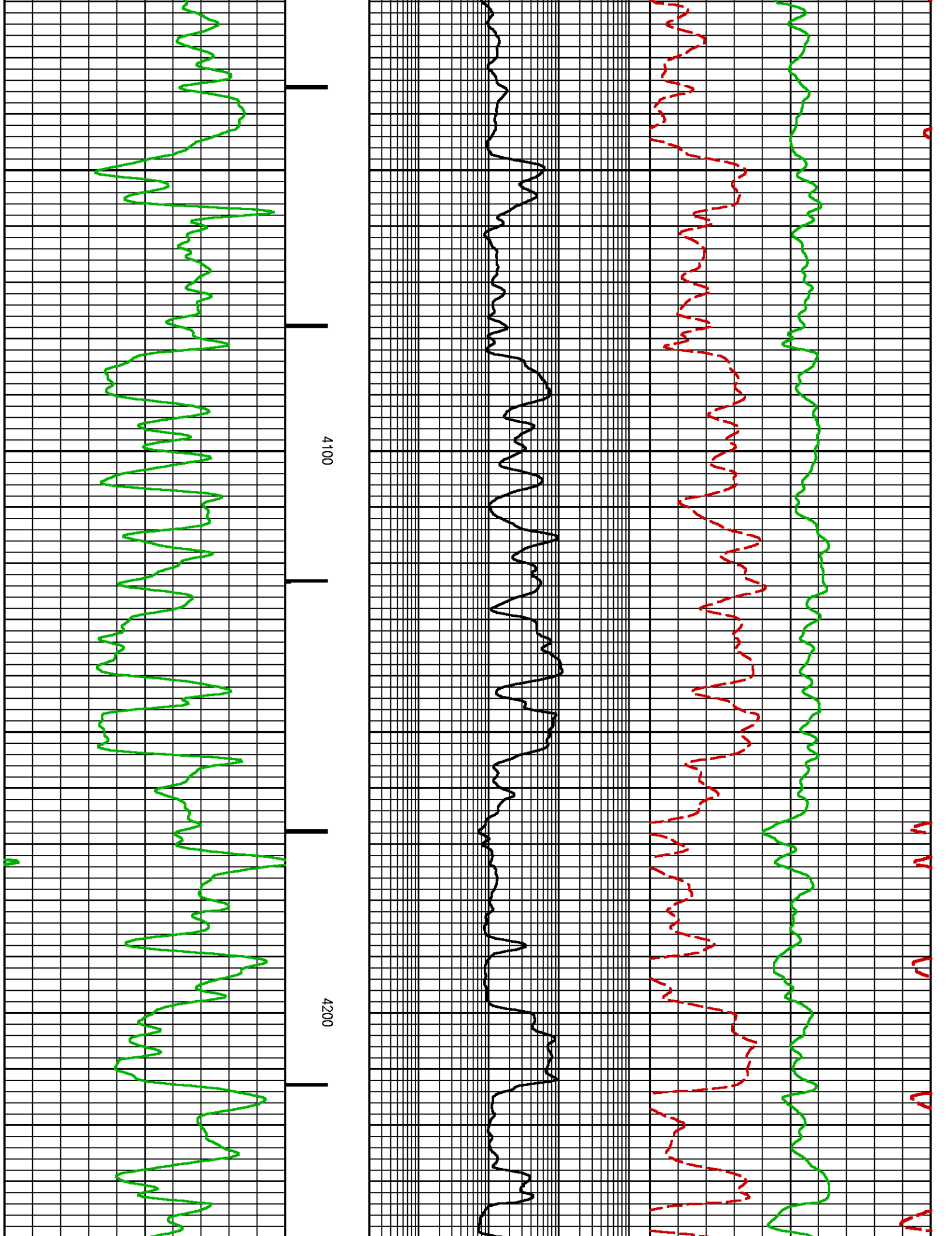


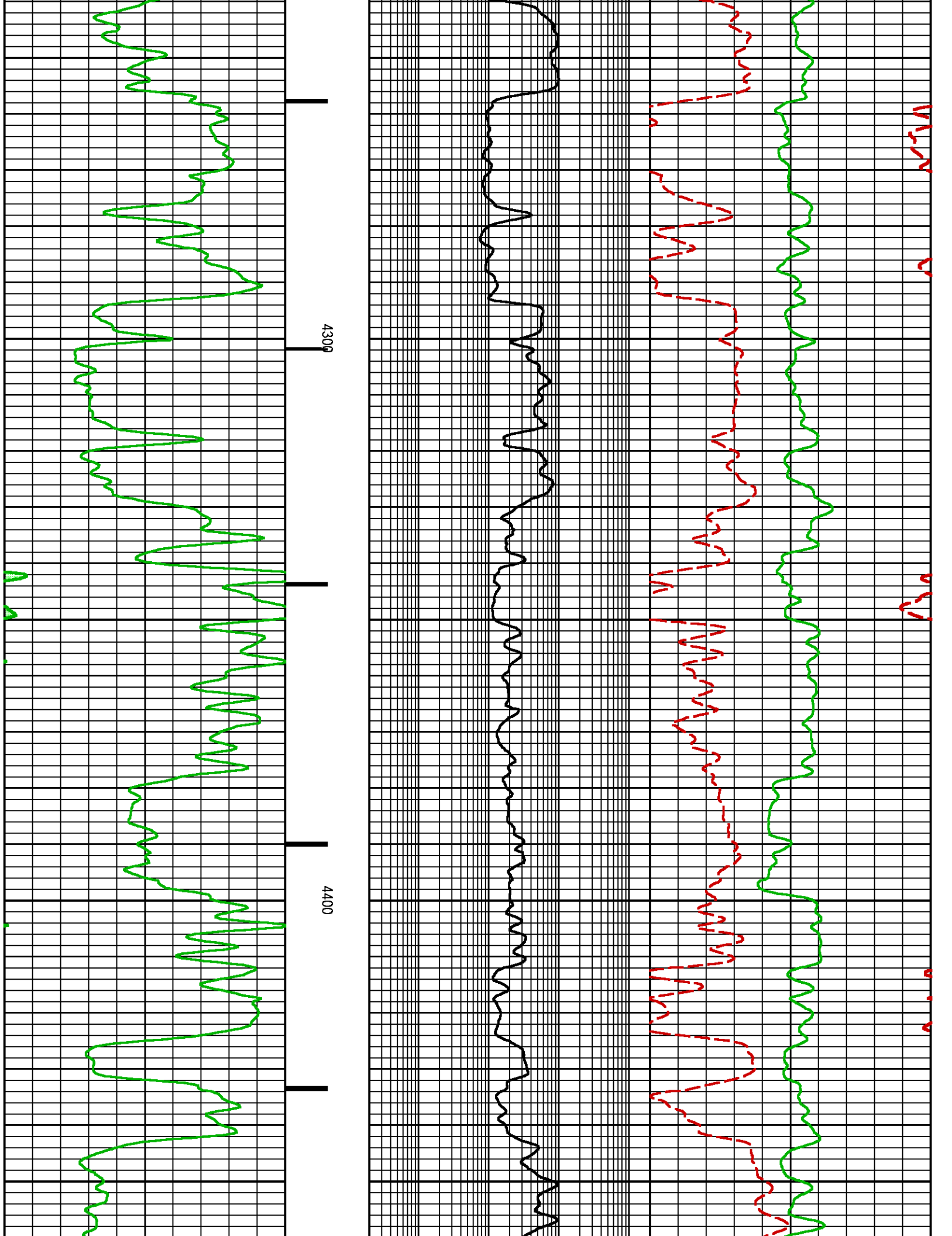


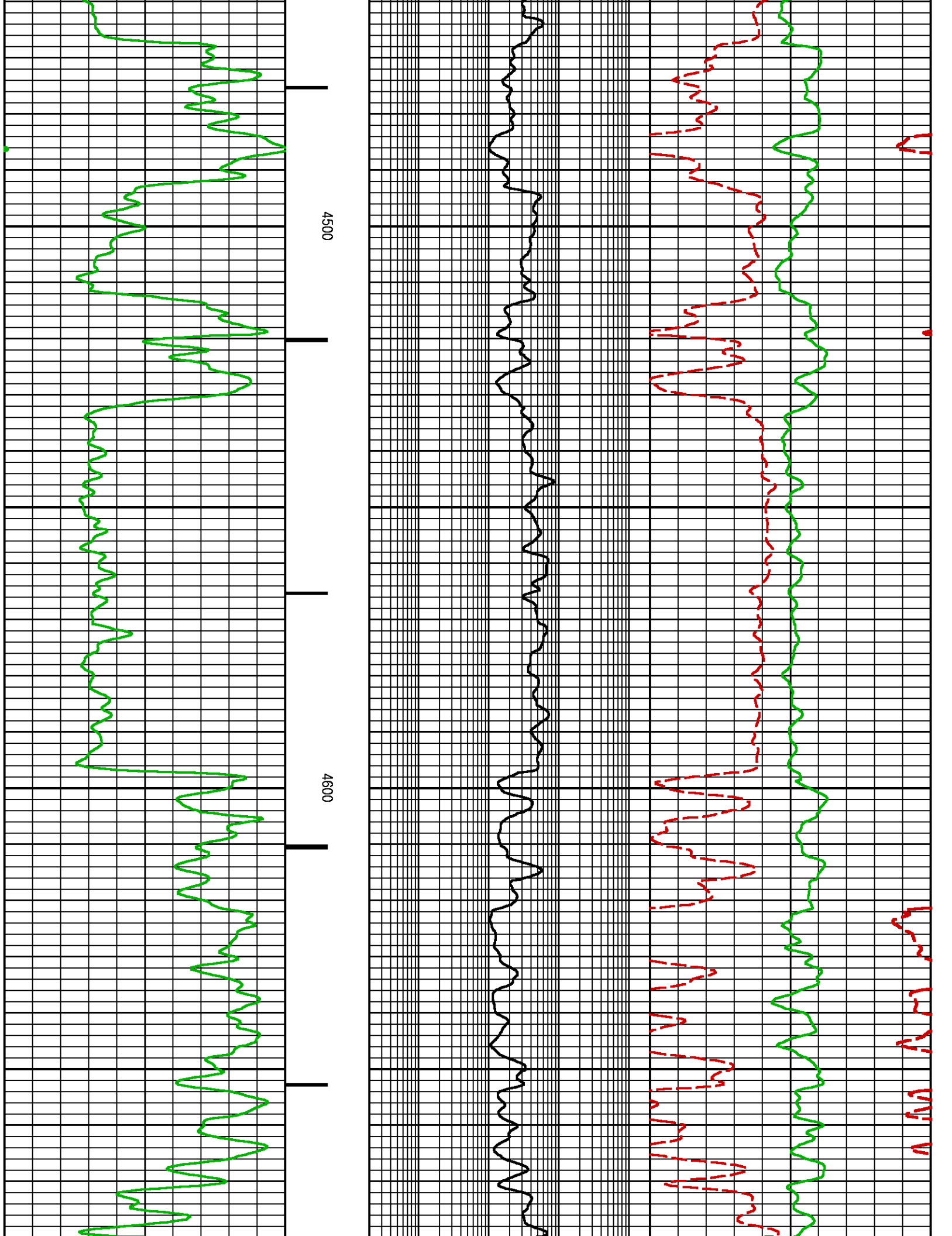


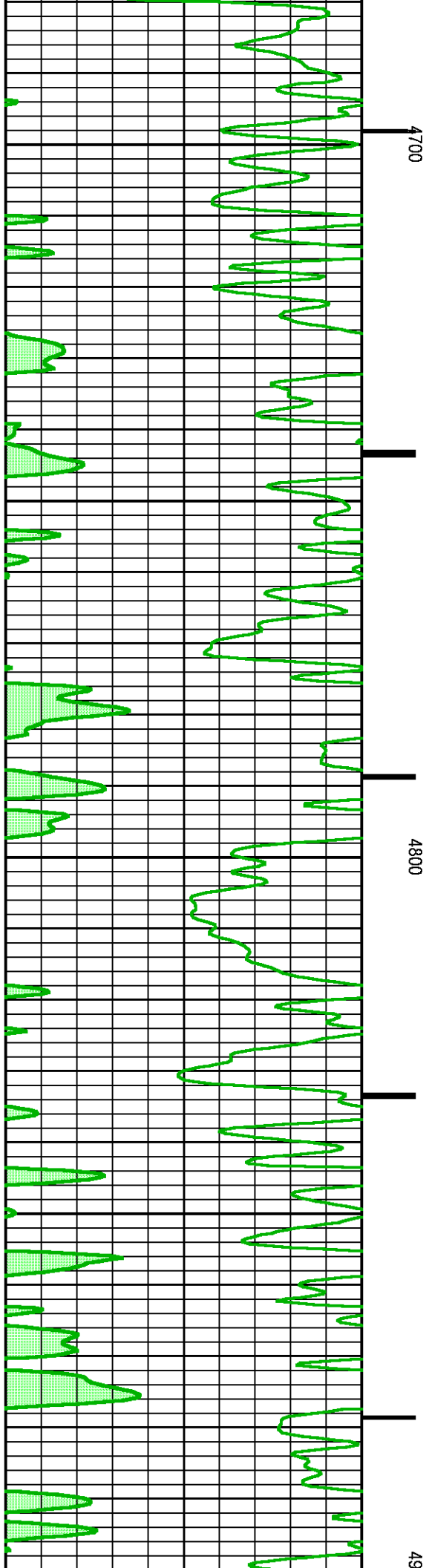
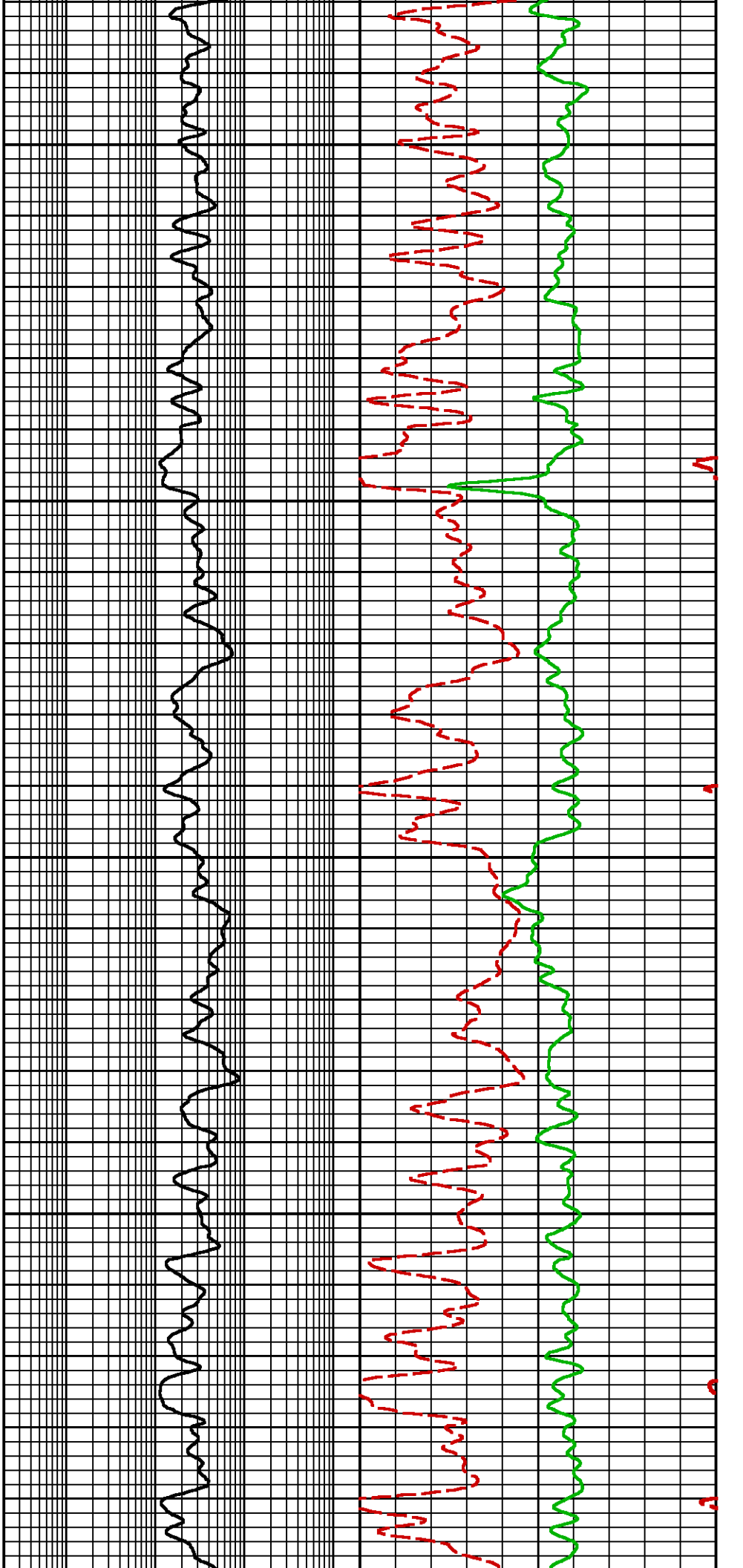


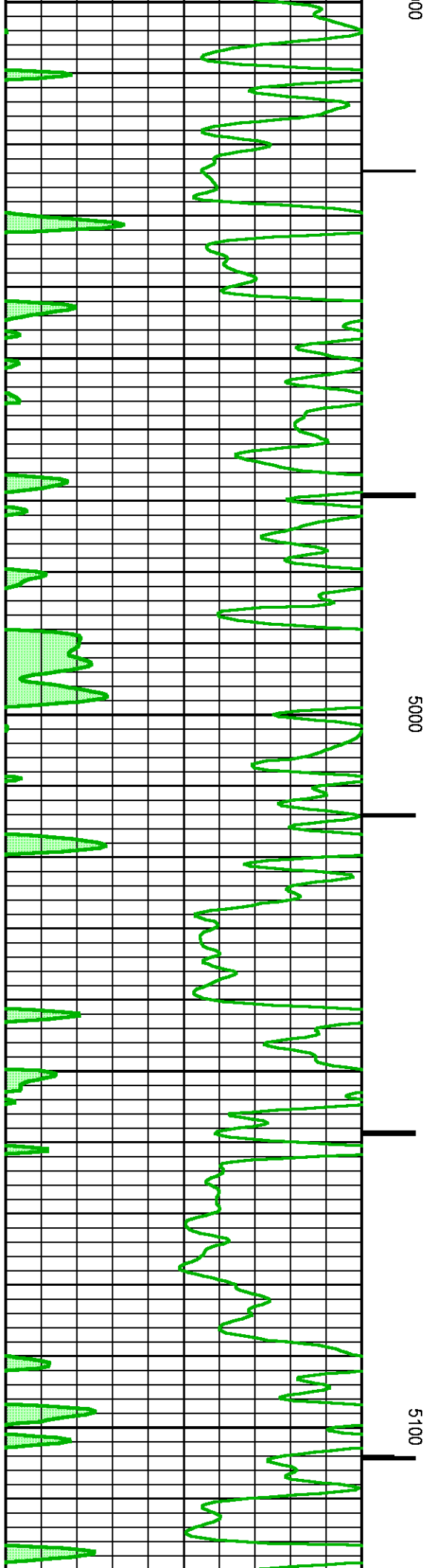
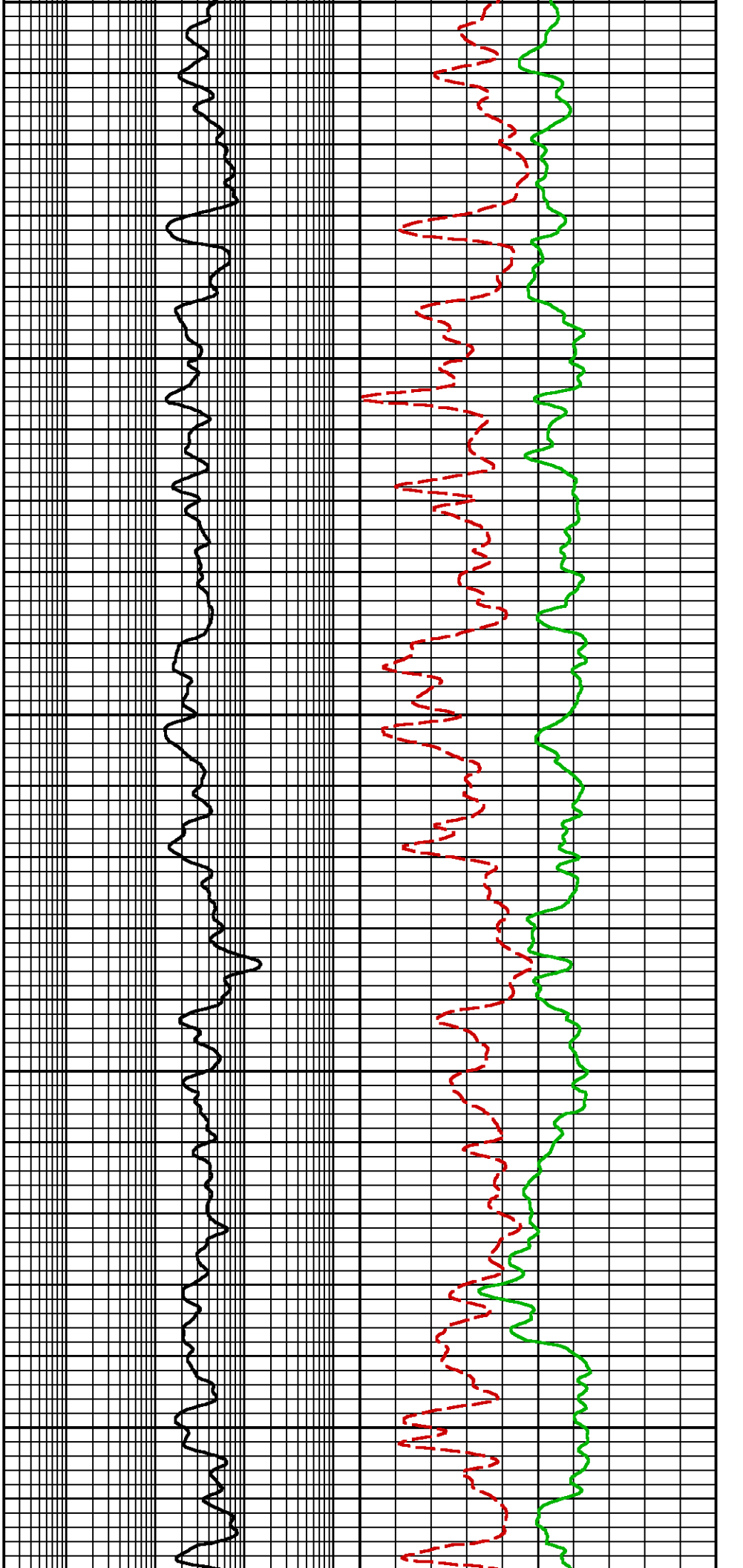


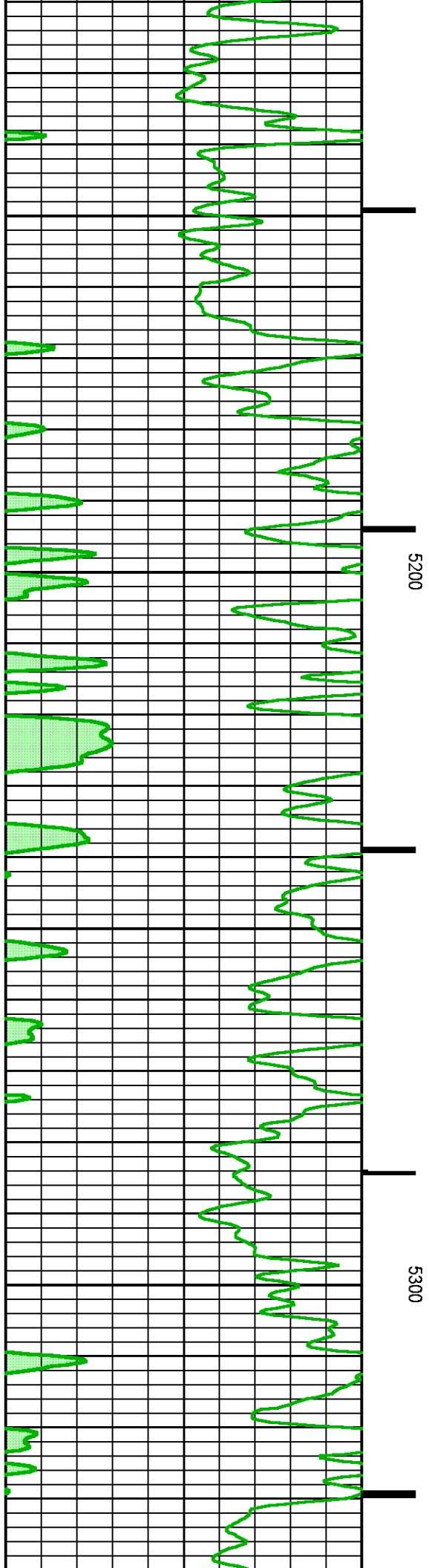
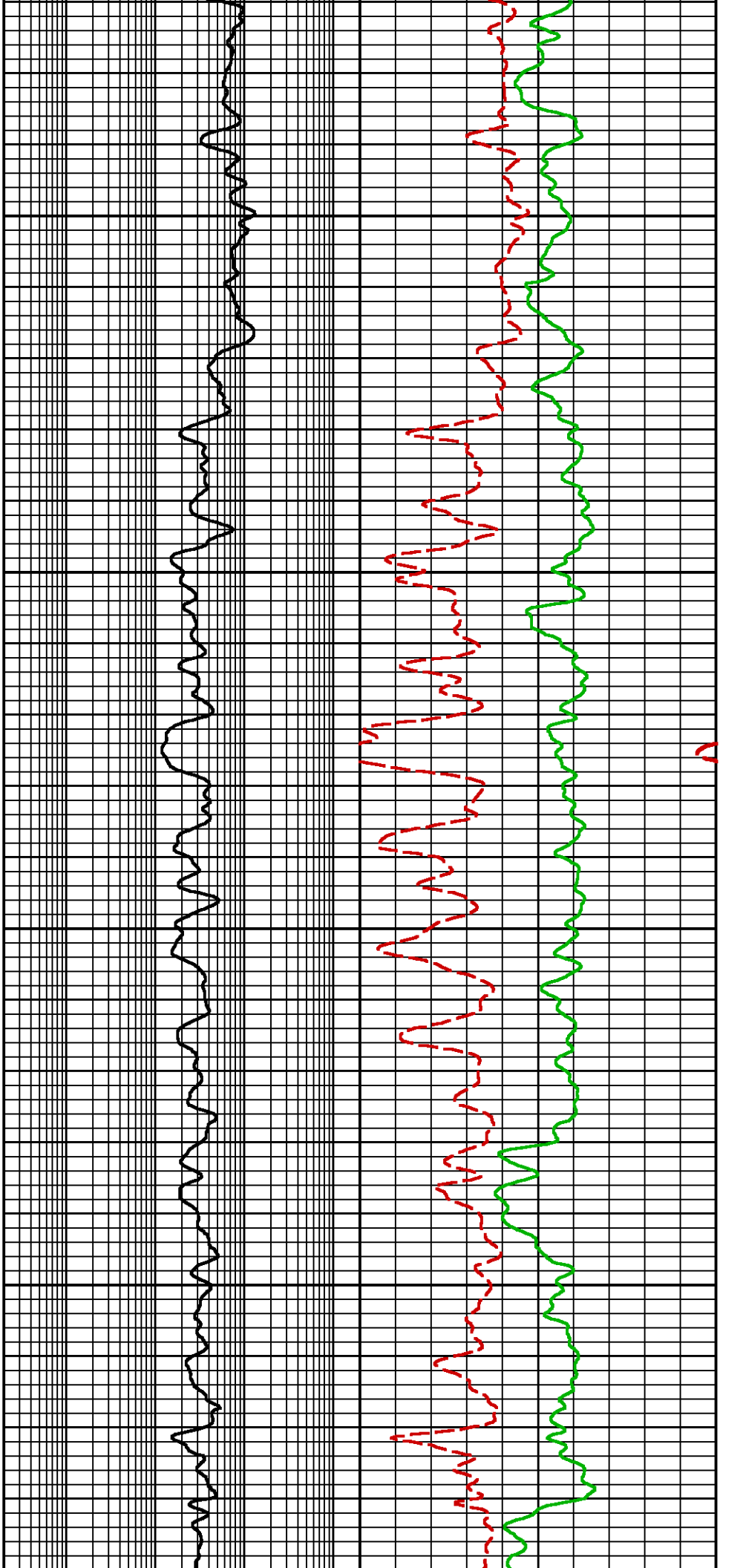




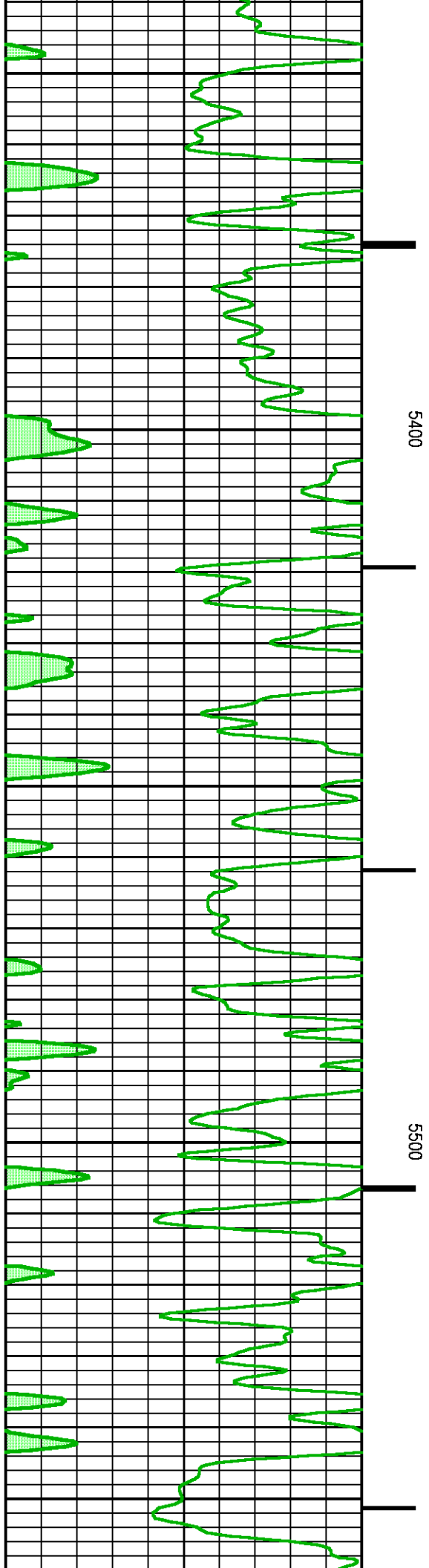
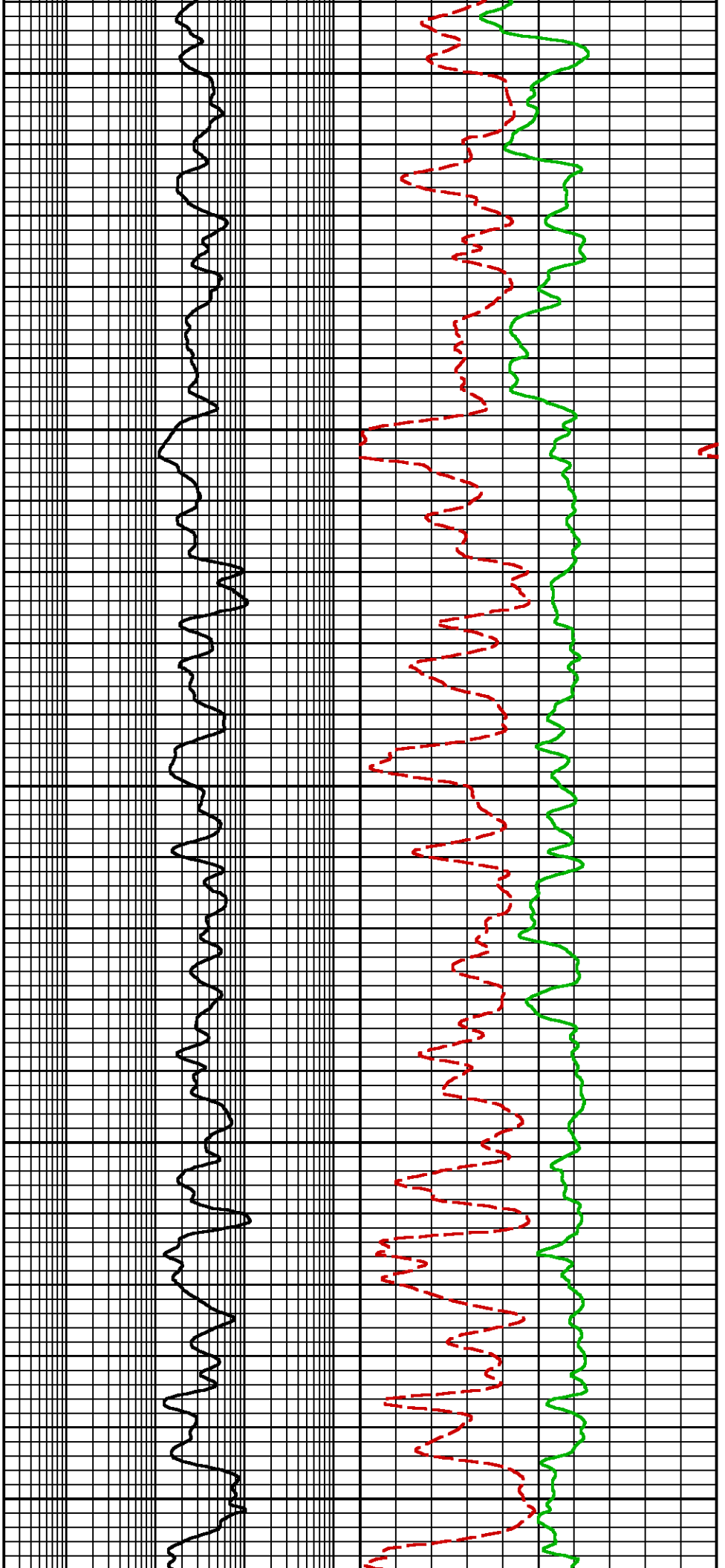


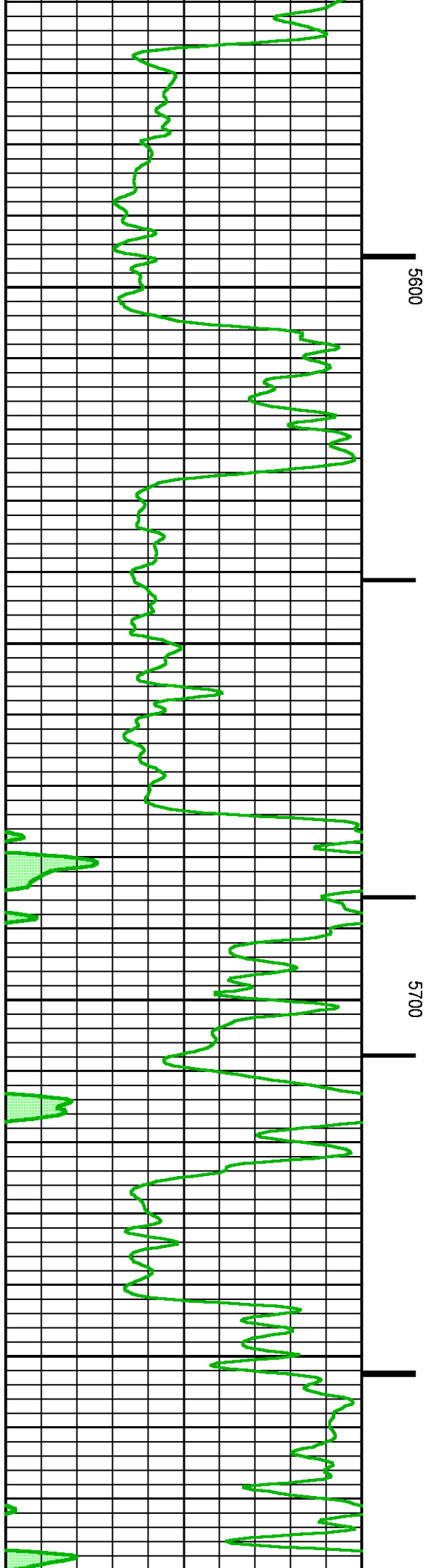
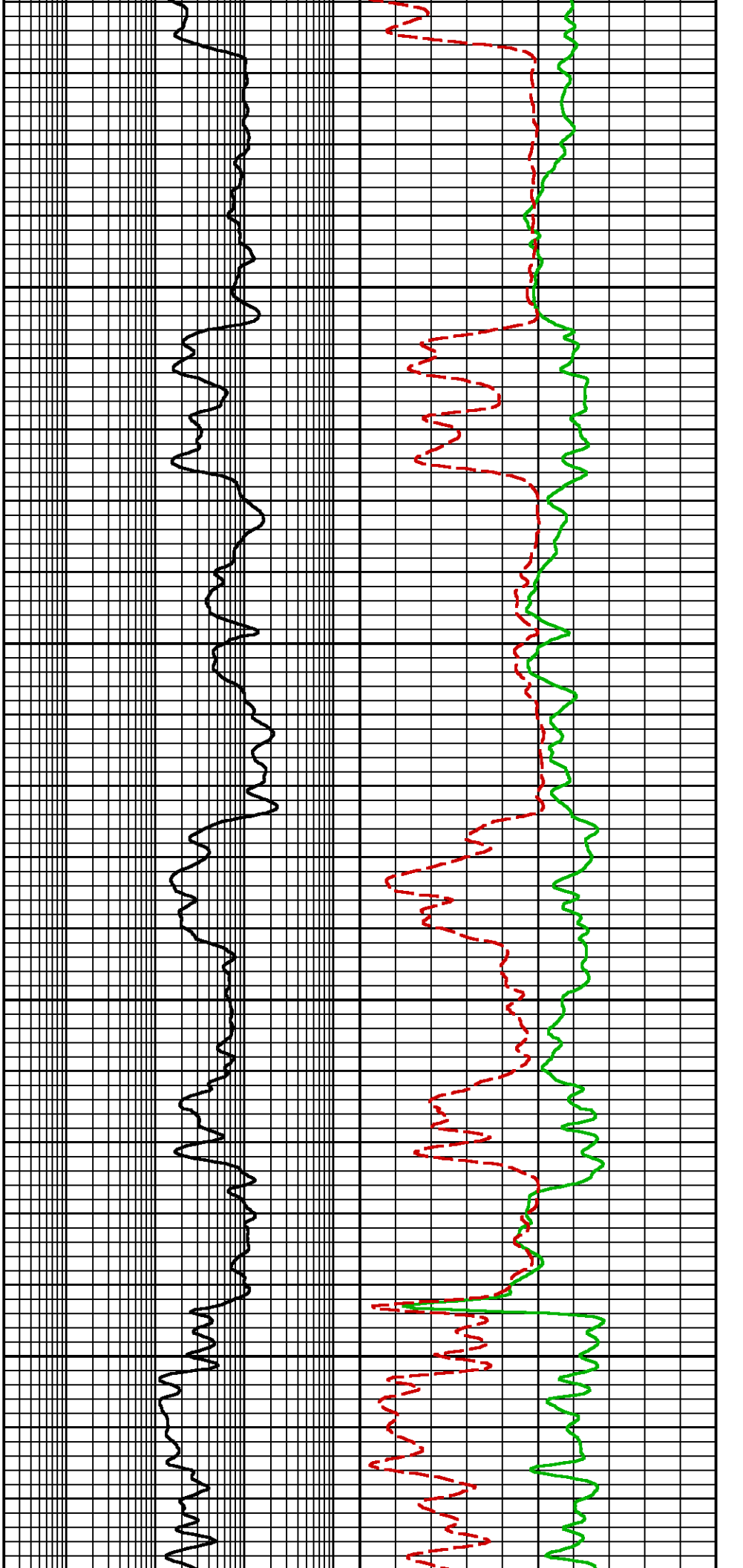


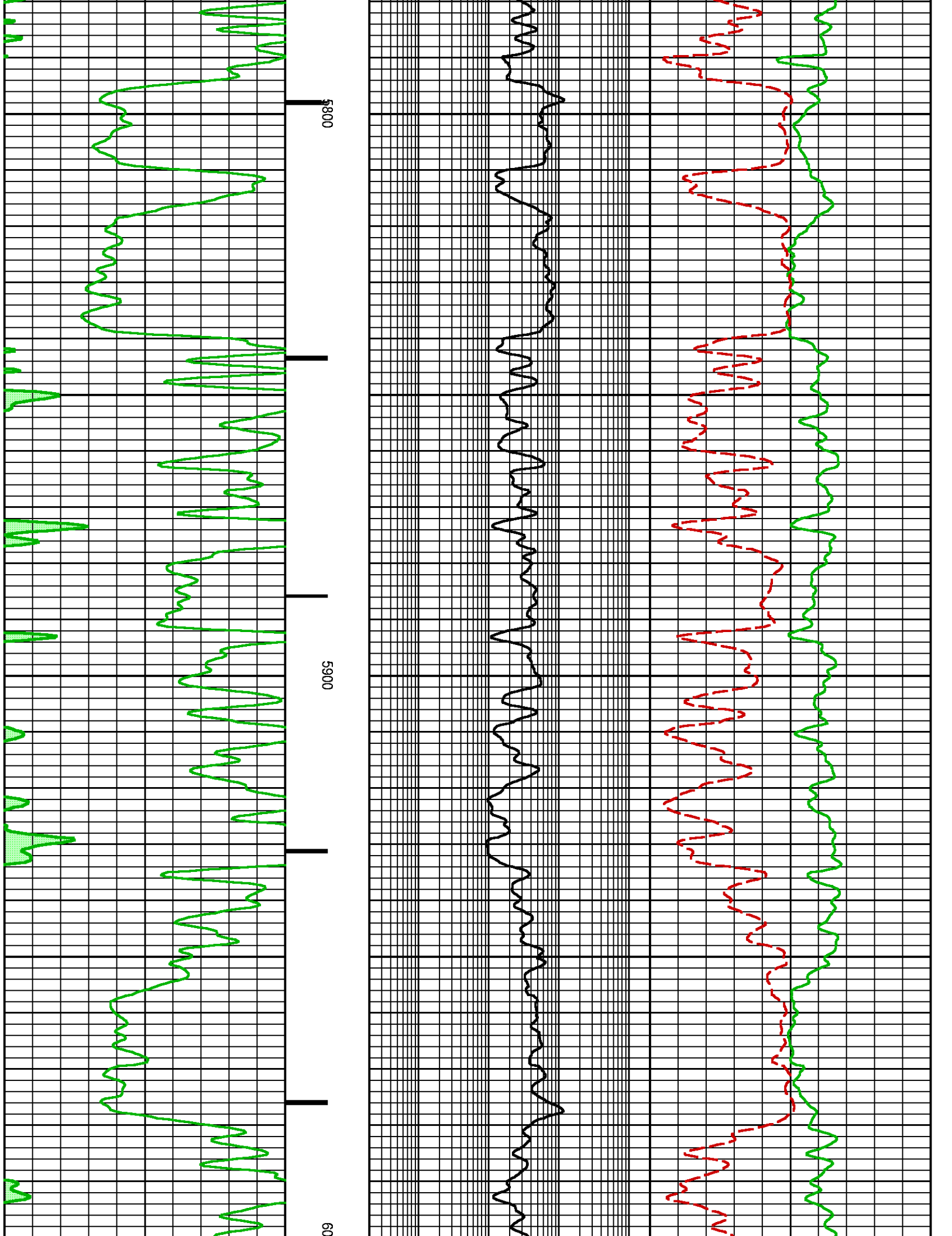


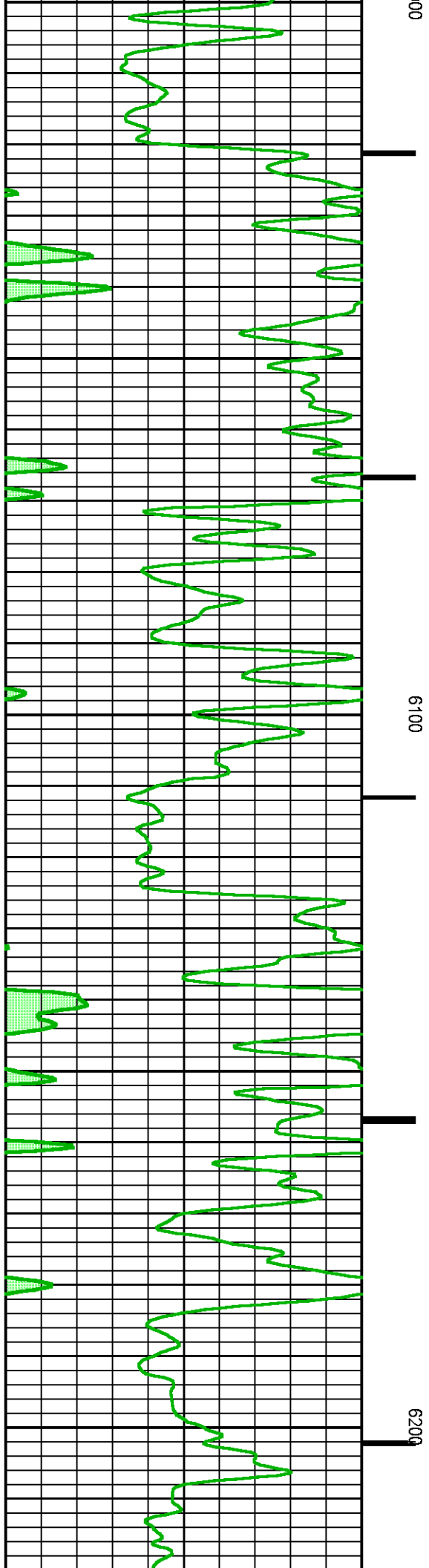
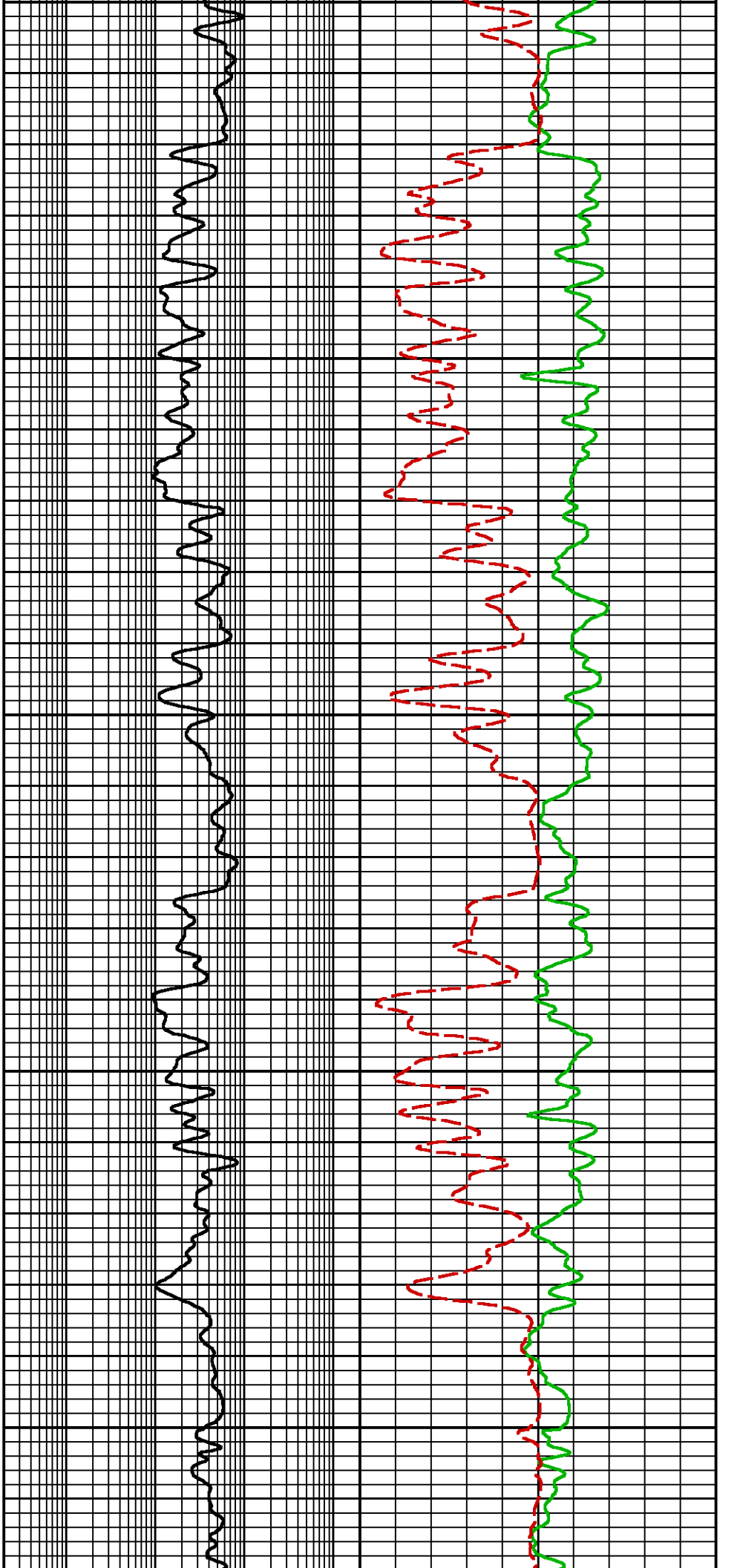


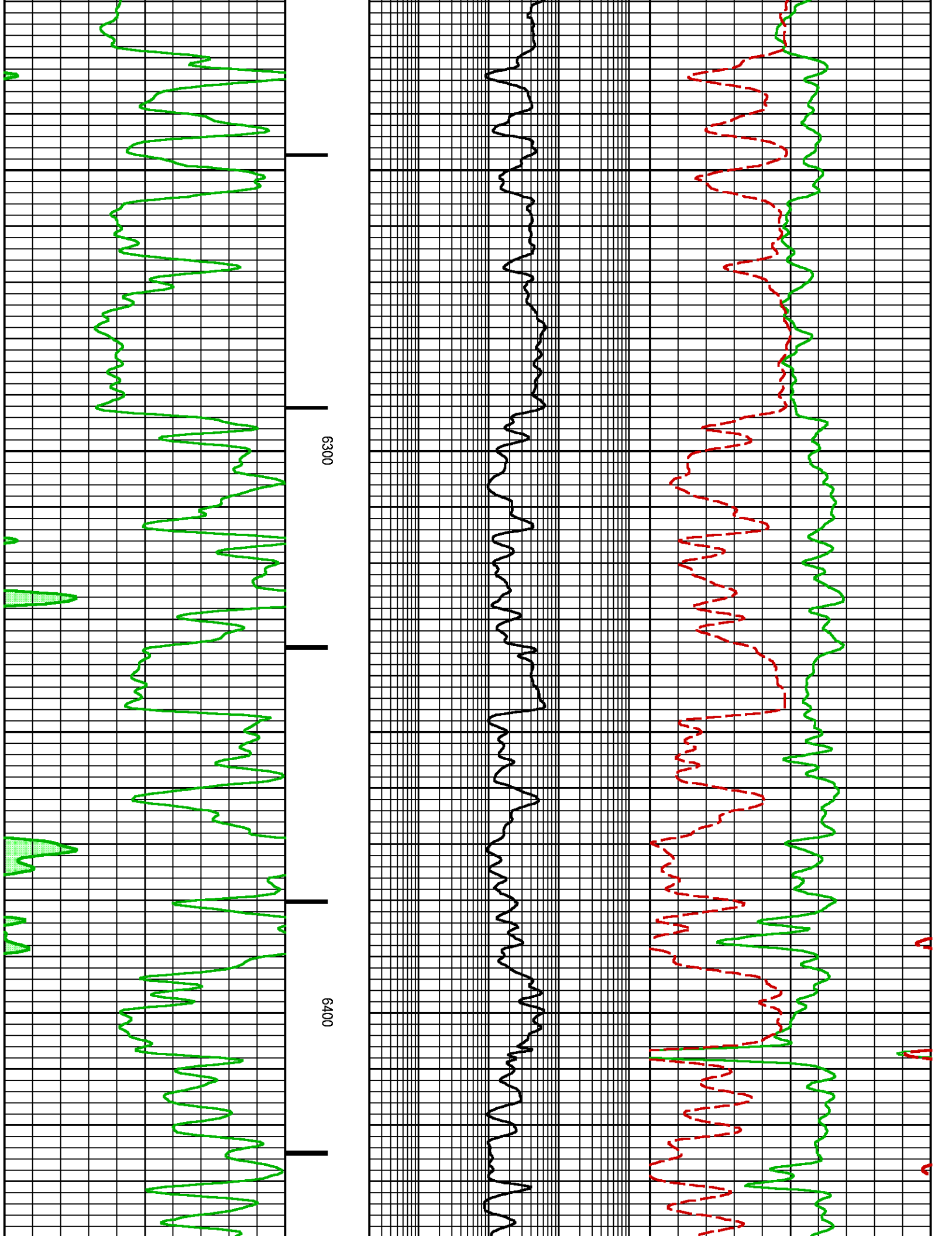


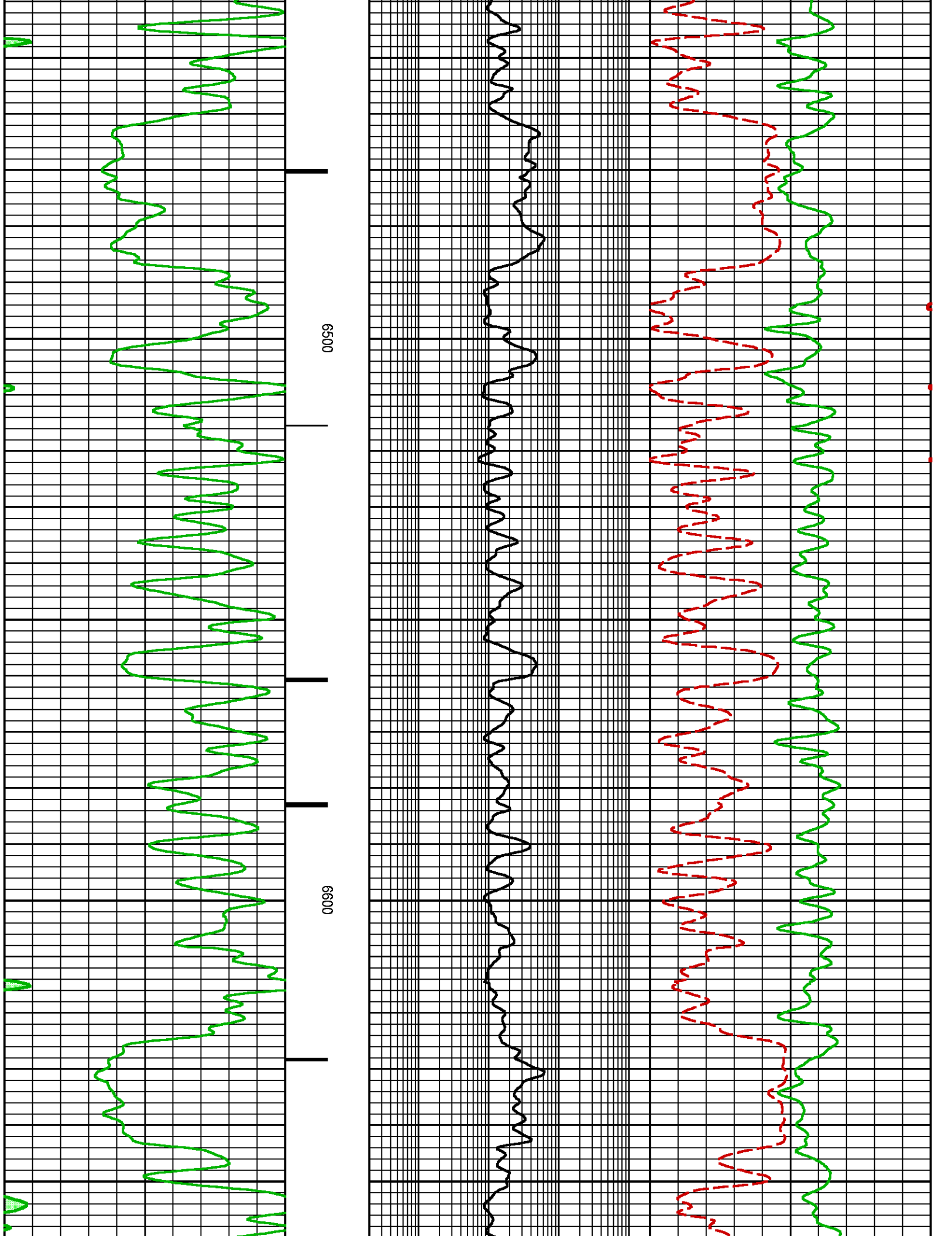


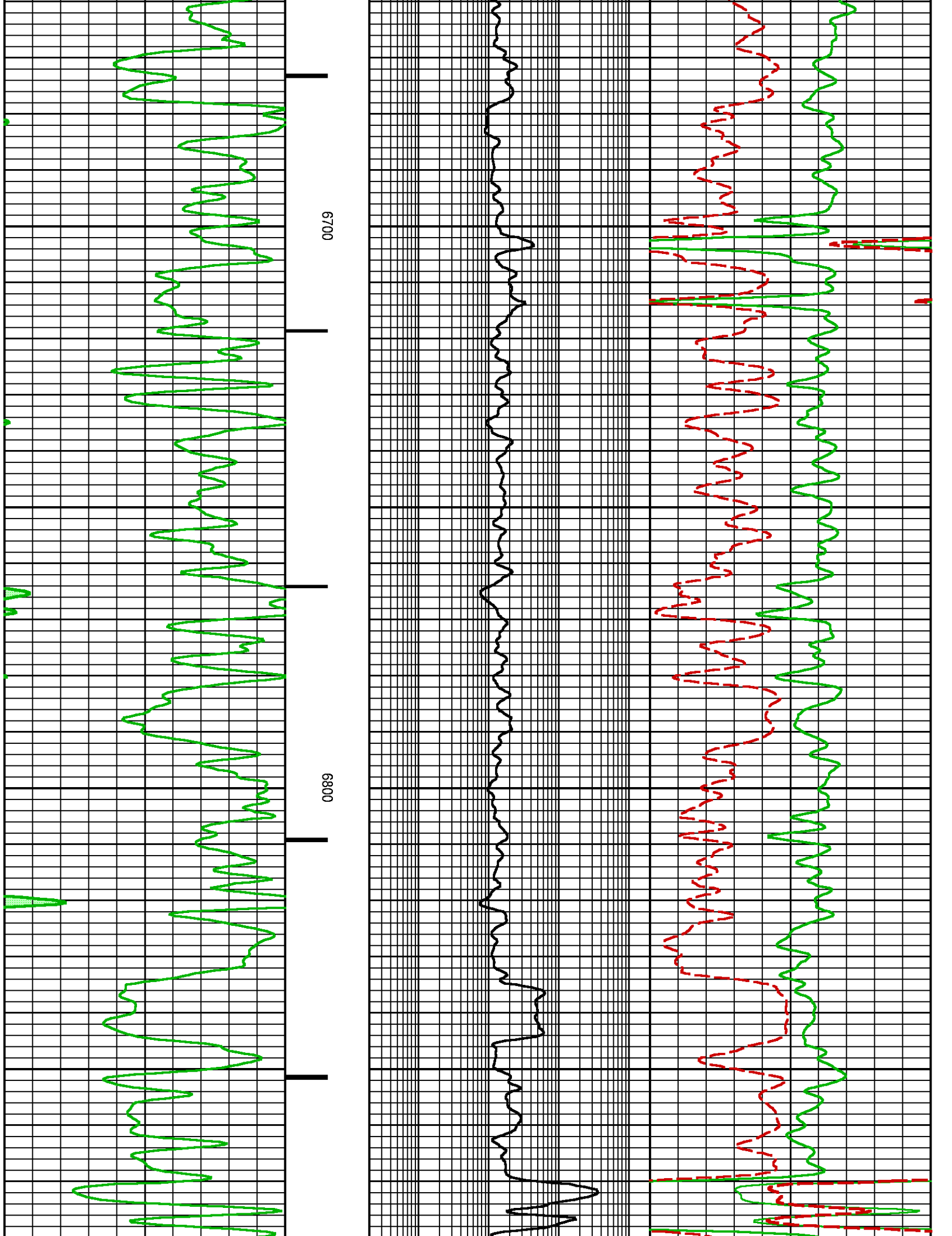


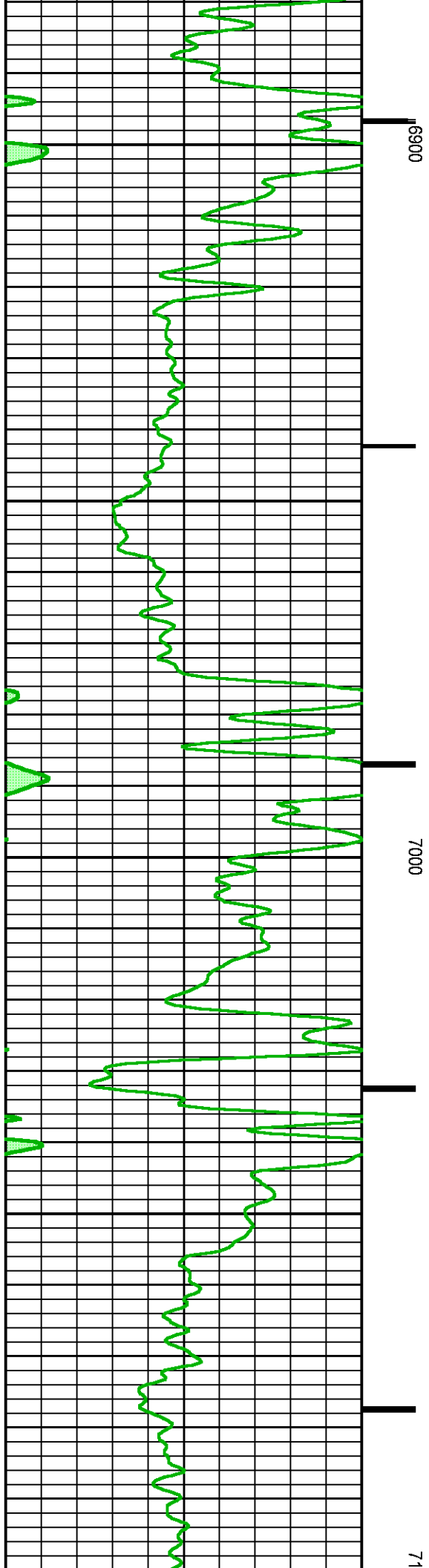
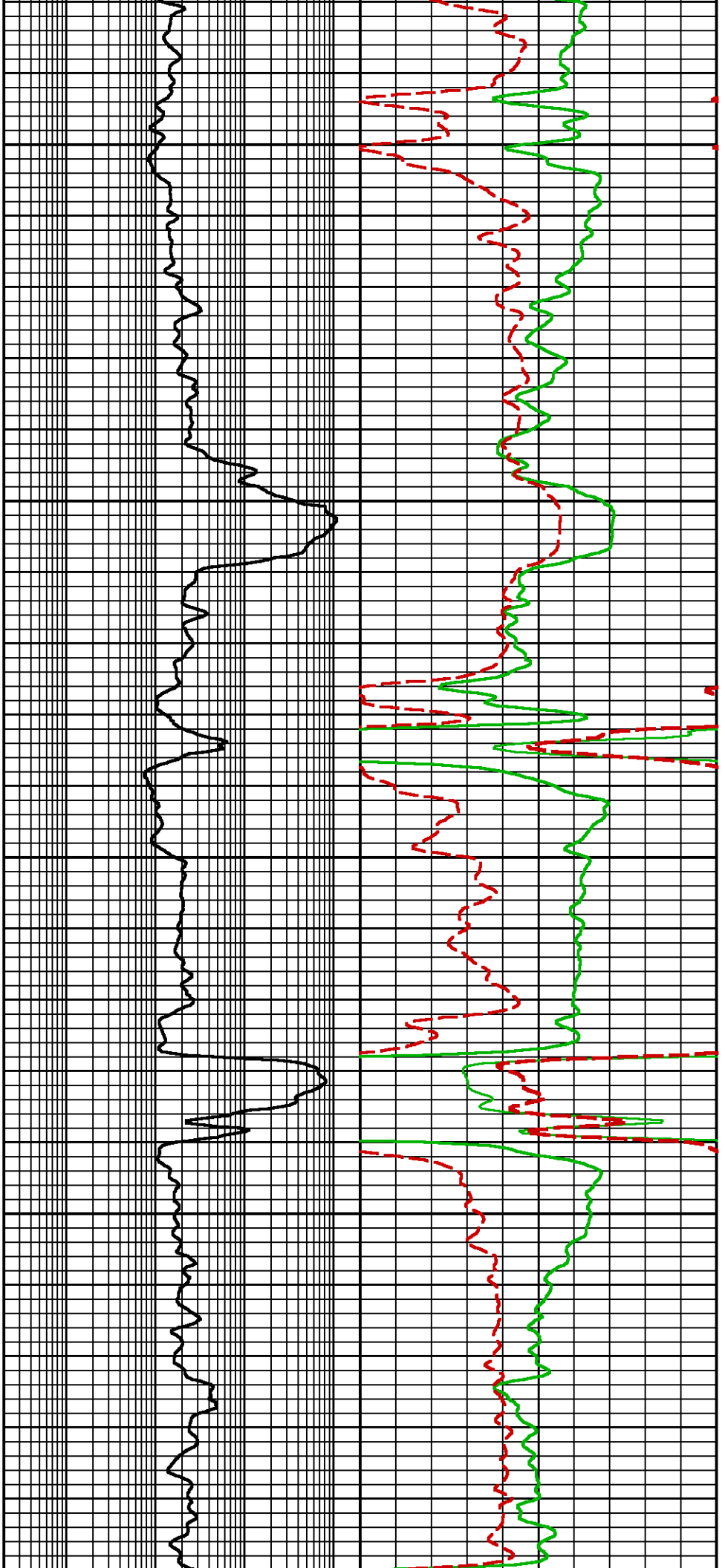




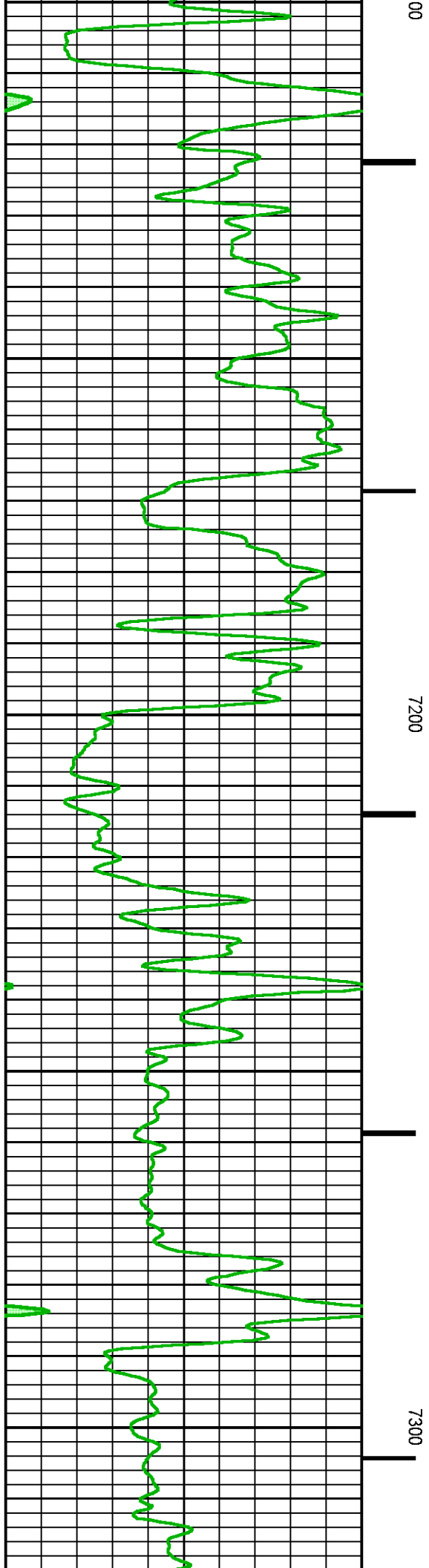
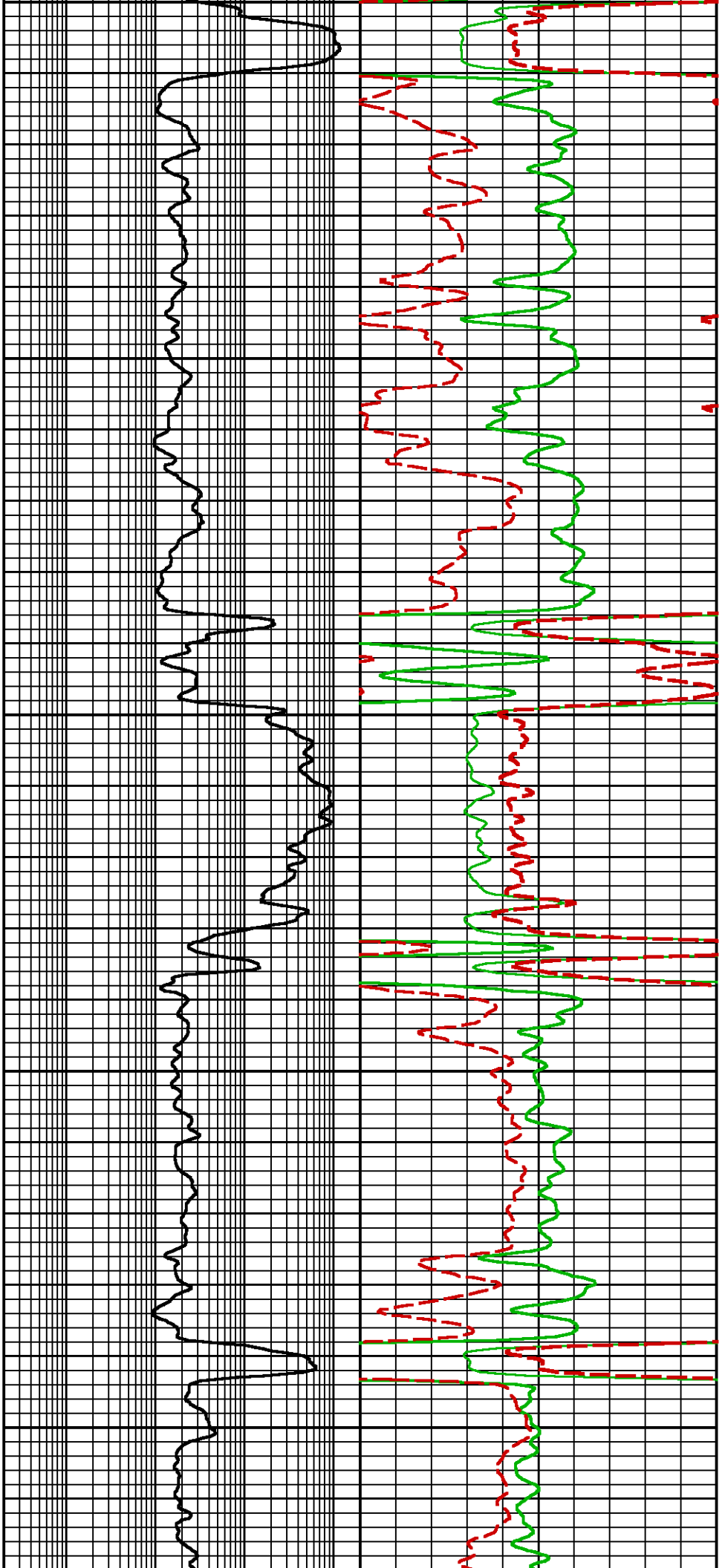


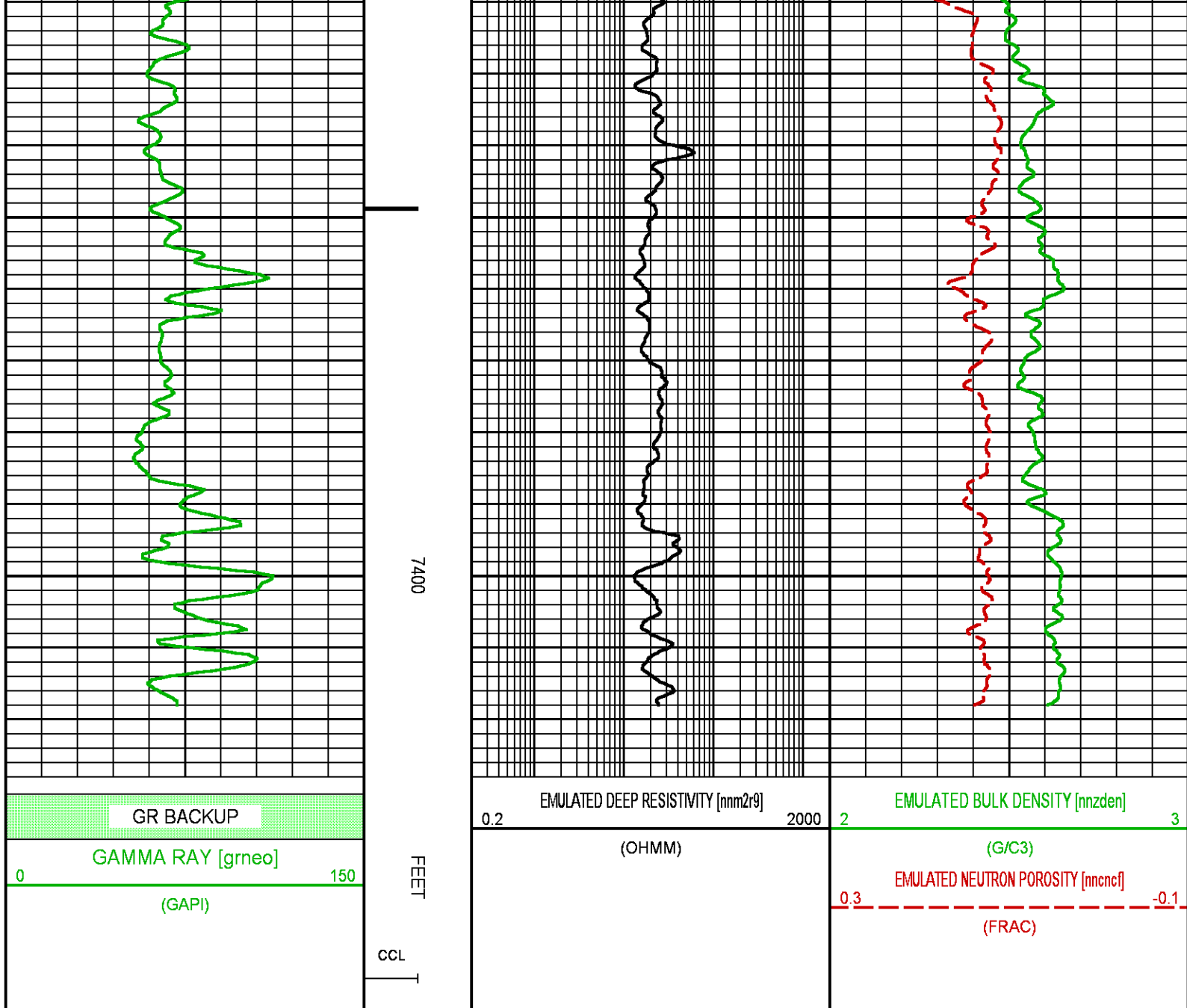



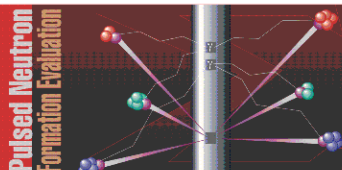










 	<b>COMPANY</b> <u>LARAMIE ENERGY LLC</u> <b>WELL</b> <u>NICHOLS 0994-24-06W</u> <b>FIELD</b> <u>VEGA</u> <b>COUNTY</b> <u>MESA</u> <b>STATE</b> <u>COLORADO</u>		<b>FILE NO:</b> <u>28635-01</u> <b>API NO:</b> <u>05077104400000</u>
	<b>LOCATION:</b> <u>SEE REMARKS SECTION</u>		<b>ELEVATIONS:</b> KB <u>7161.0 FT</u> DF GL <u>7137.0 FT</u>
	<b>SEC</b> <u>24</u> <b>TWP</b> <u>9S</u> <b>RGE</b> <u>94W</u>	<b>DATE</b> <u>25-JAN-2018</u>	