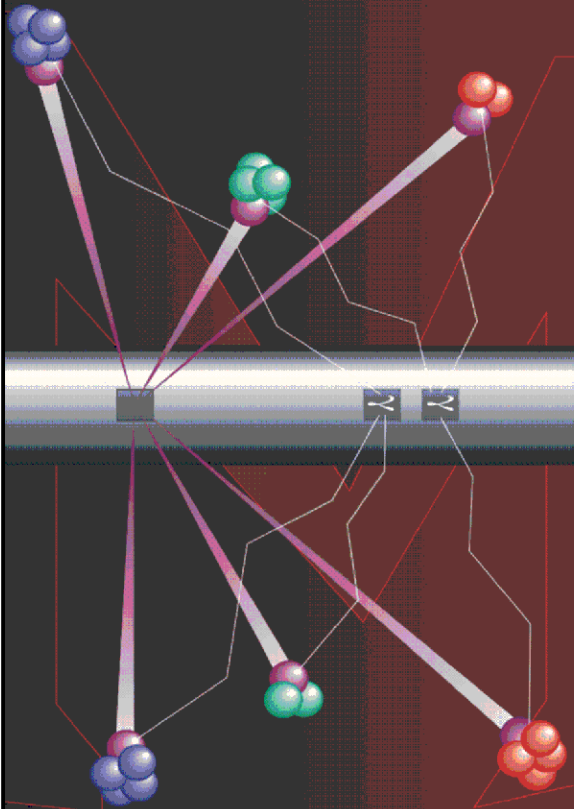


Pulsed Neutron Formation Evaluation



RESERVOIR PERFORMANCE MONITOR NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY

WELL BRUTON 19-04W

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS

SEC 19 TWP 9S RGE 93W

ELEVATIONS:

KB 7286 FT DF 7286 FT GL 7262 FT

DATE 10-NOV-2017 ECC 29289.01

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>HOUSTON</u>	LOG ANALYST: <u>KIMBERLY ELLSWORTH</u>	DATE: <u>10-NOV-2017</u>
FIELD DATA	LOCATION: <u>WOODWARD</u>	ENGINEER: <u>S. YASSA</u>	DATE: <u>27-OCT-2017</u>
FROM	TO		
<u>2080 FT</u>	<u>7668 FT</u>		

REMARKS

LOCATION: SHL: LAT: 39.262825N LONG: 107.815142W
BHL: LAT: 39.267166N LONG: 107.816226W

TRAINING WELL:
BRUTON 19-07W

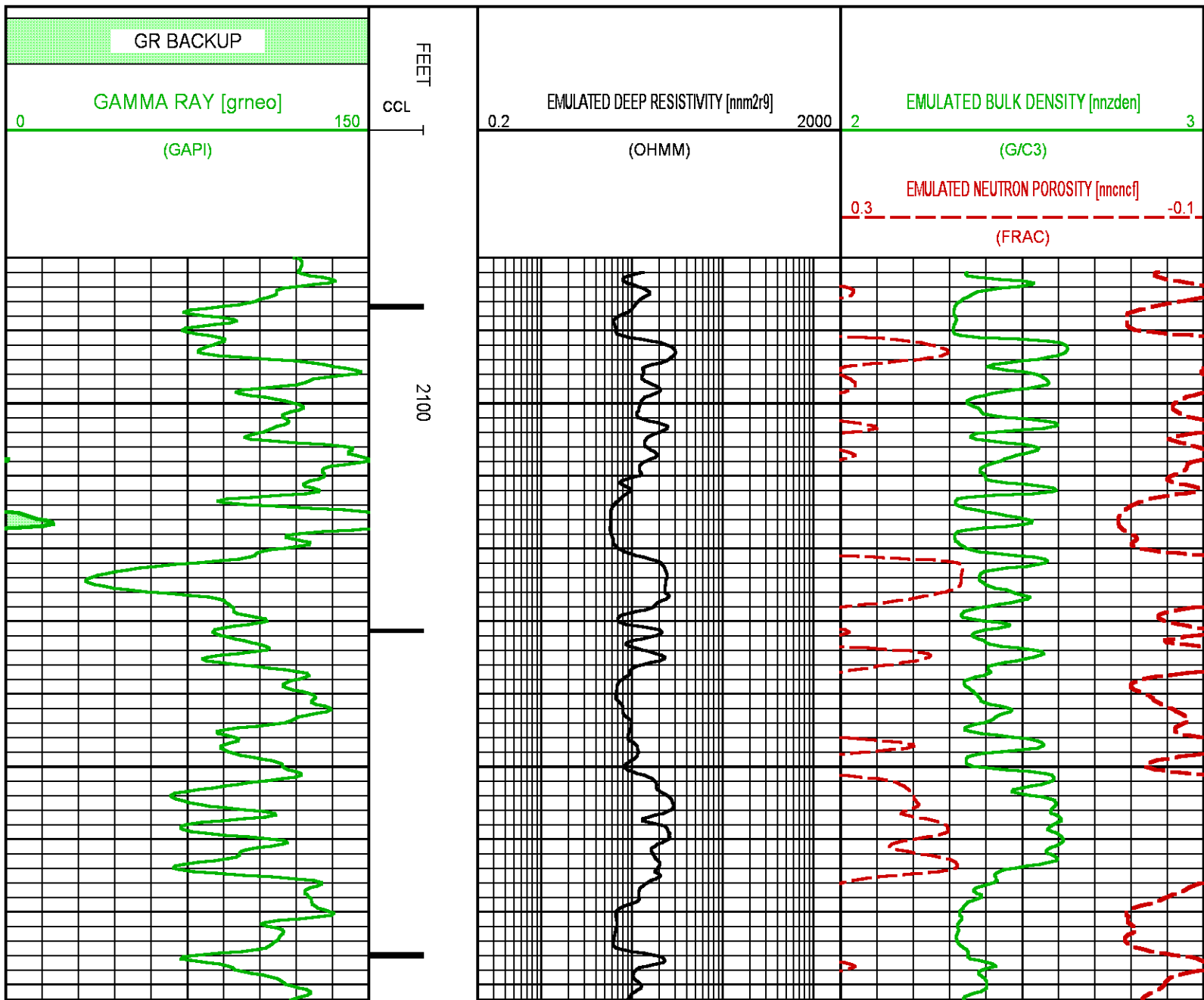
ANY ERRORS IN THE TRAINING WELL OPENHOLE DATA CAN PERETUATE THROUGH AS ERROR IN THE EMULATED RESULTS

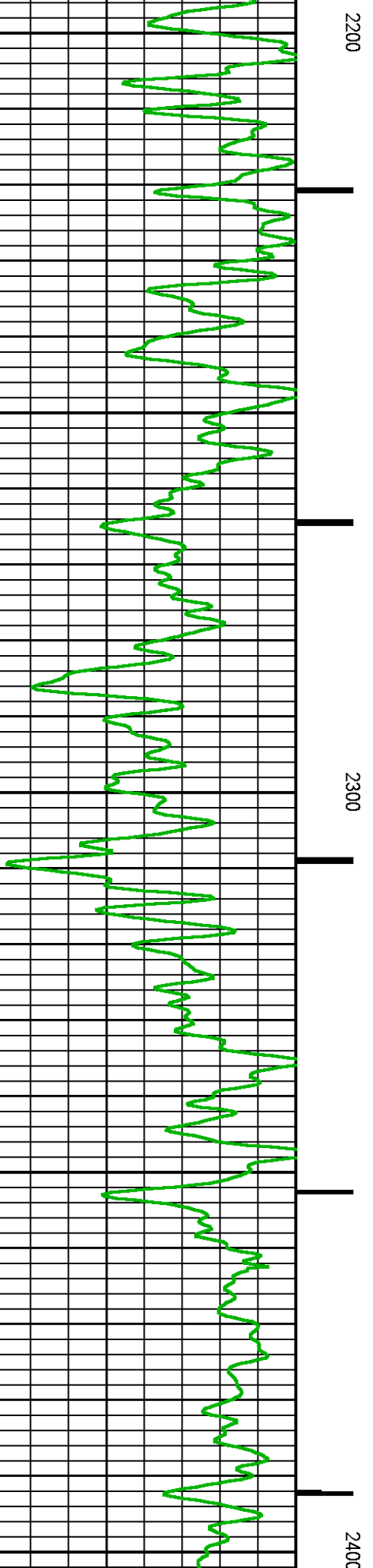
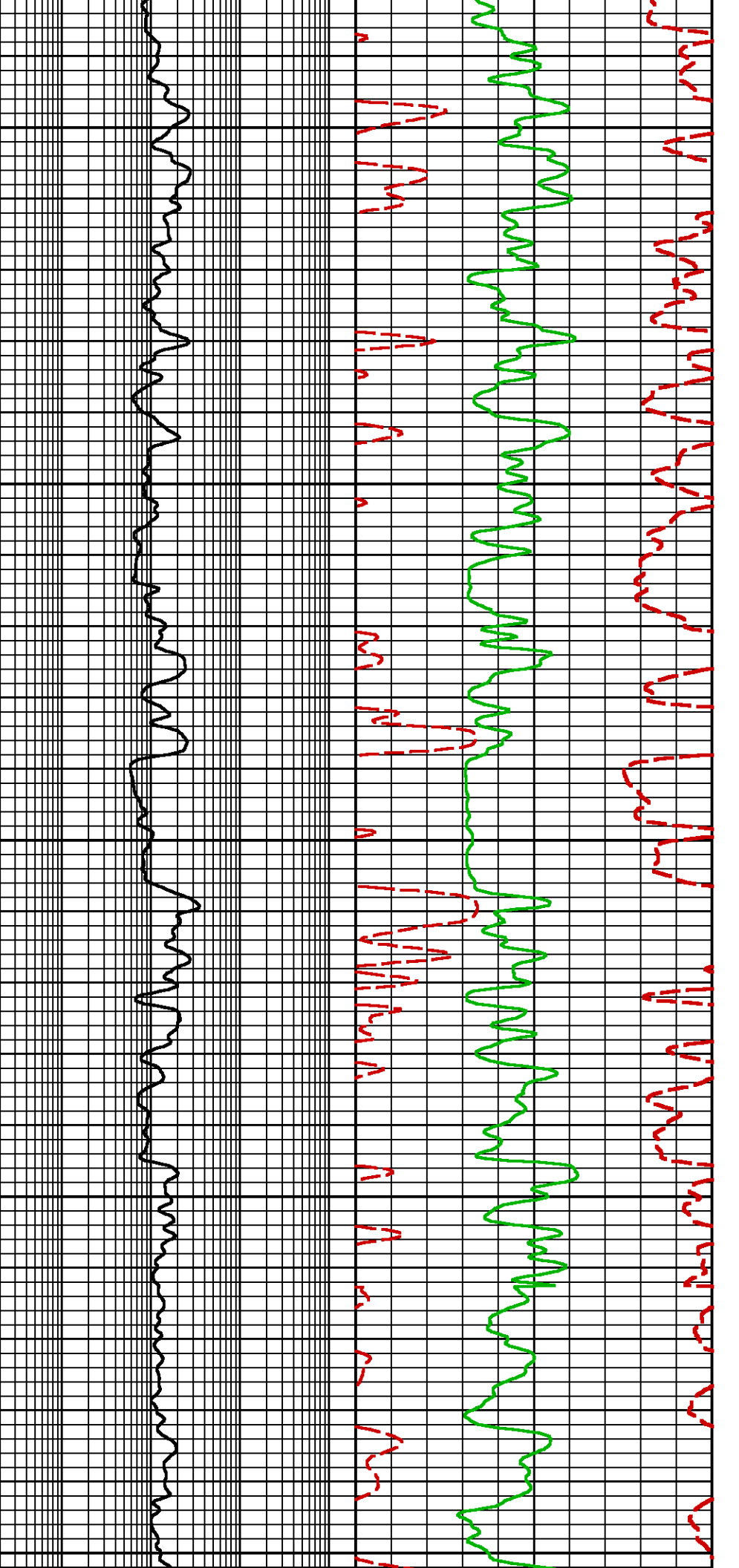
BOND LOG IS DEPTH REFERENCE LOG

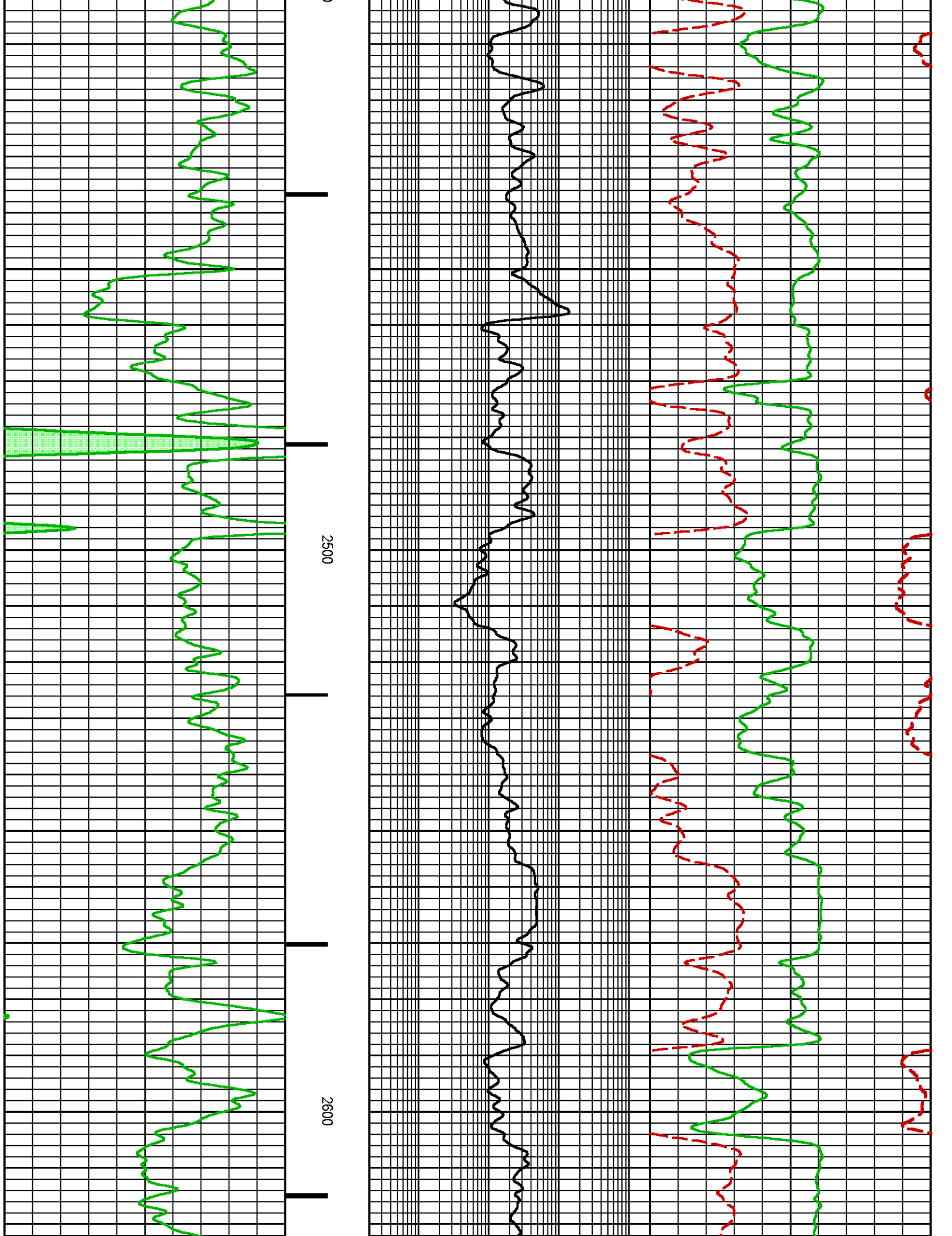
NEO RESULTS FOR BRUTON 19-04W (G-SAND)

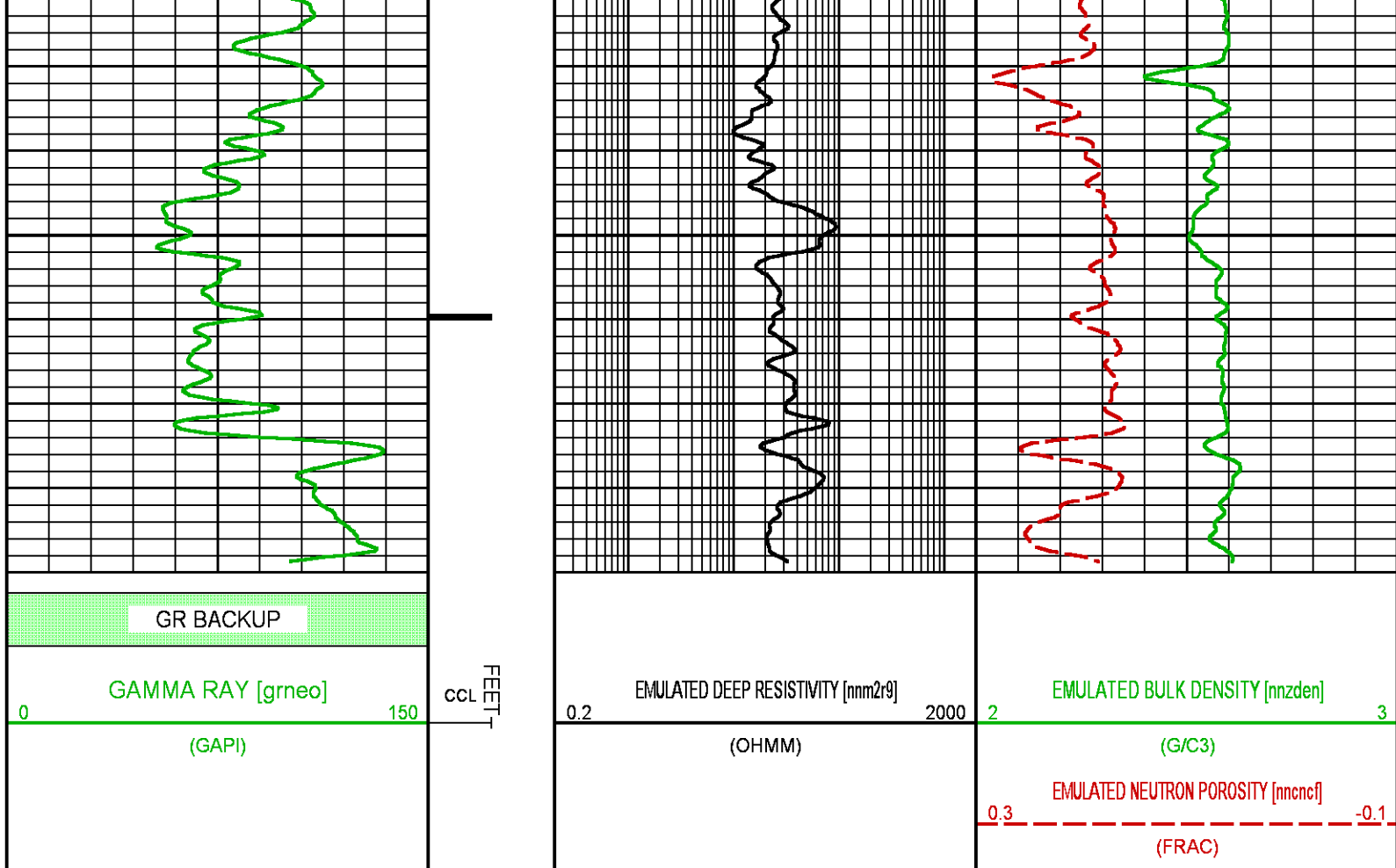
Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape Projects\laramie_bruton_19_04w\NEO_PRESENTATION_LARAMIE_G-Sand.pdf [5"/100' Scale]
Plot Interval : 2080 - 2690 Feet

Data File 1 : F1 : BHI3BKZH12:C:\Ape Projects\laramie_bruton_19_04w\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY II LLC
Well : BRUTON 19-04W
Field : VEGA
File Interval : 2080 - 7667 Feet
OCT : NA



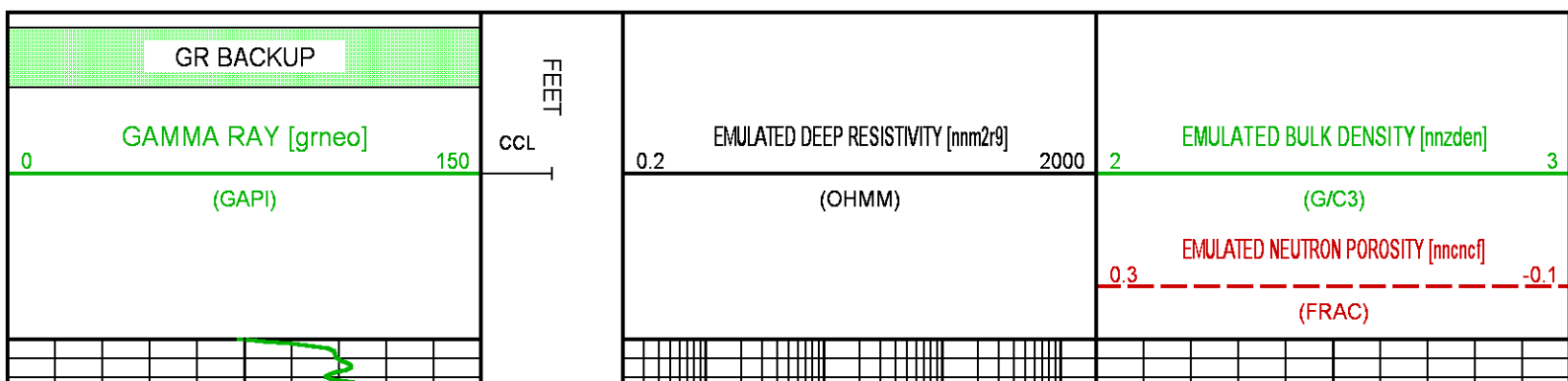


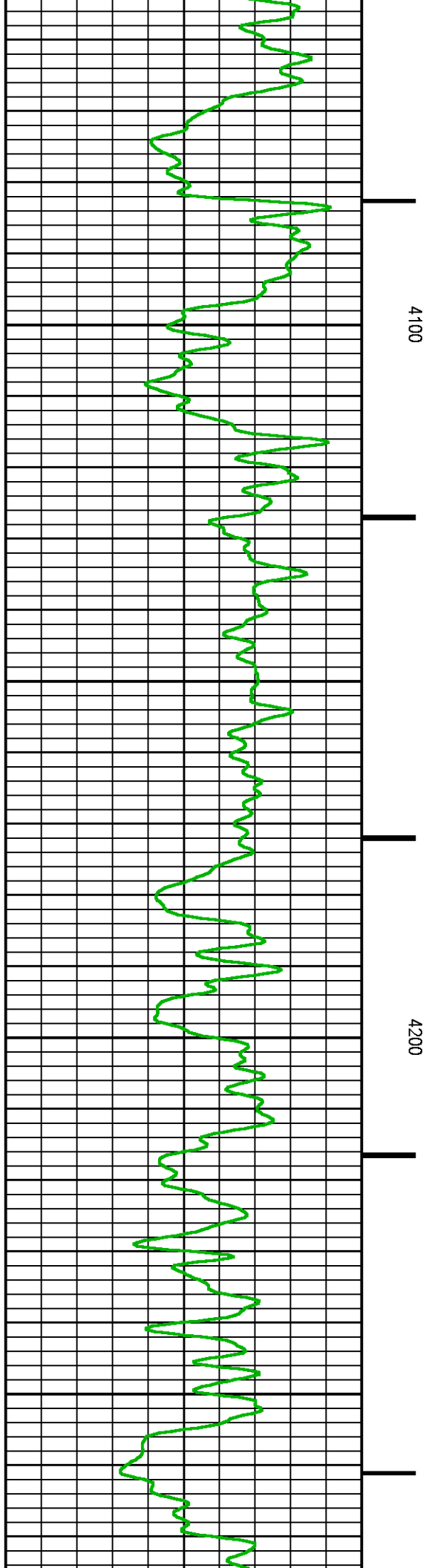
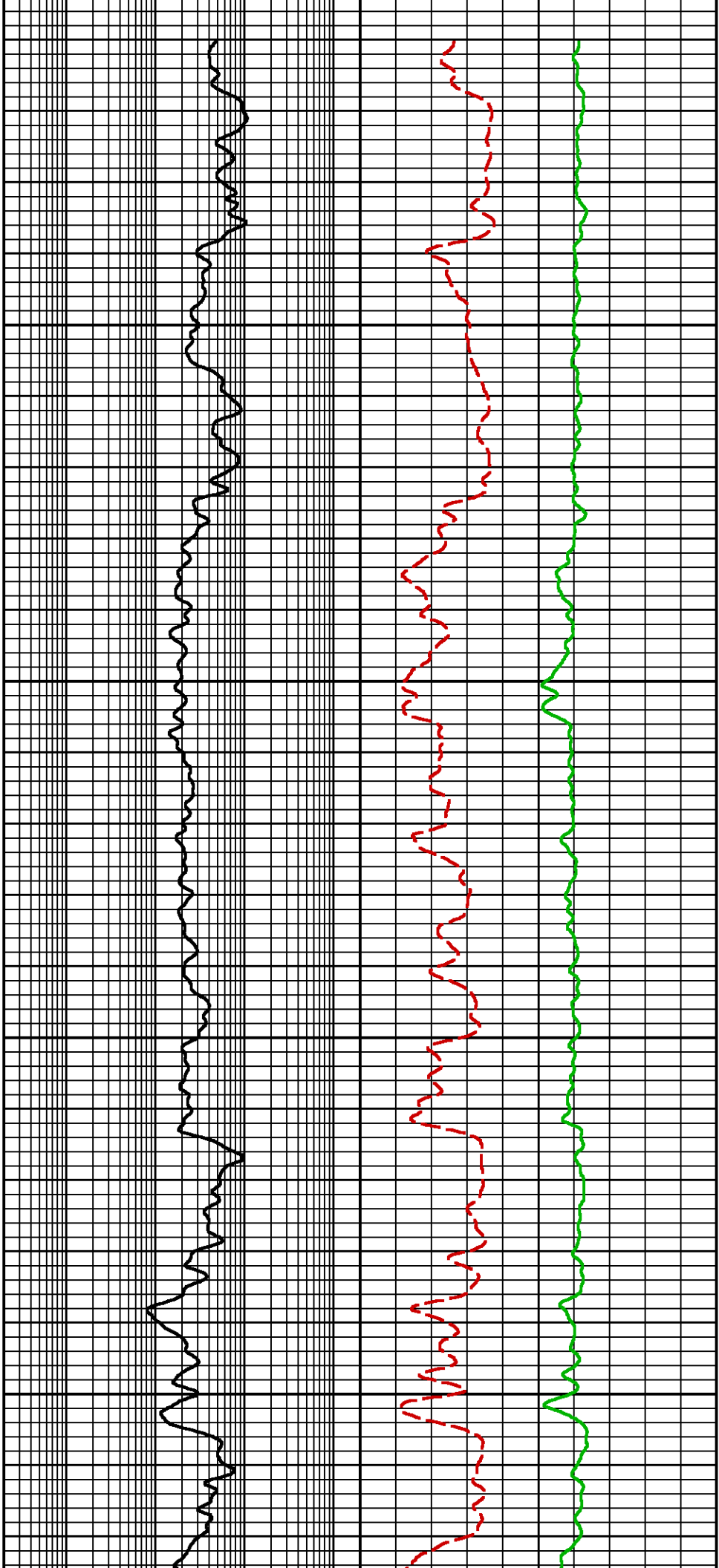


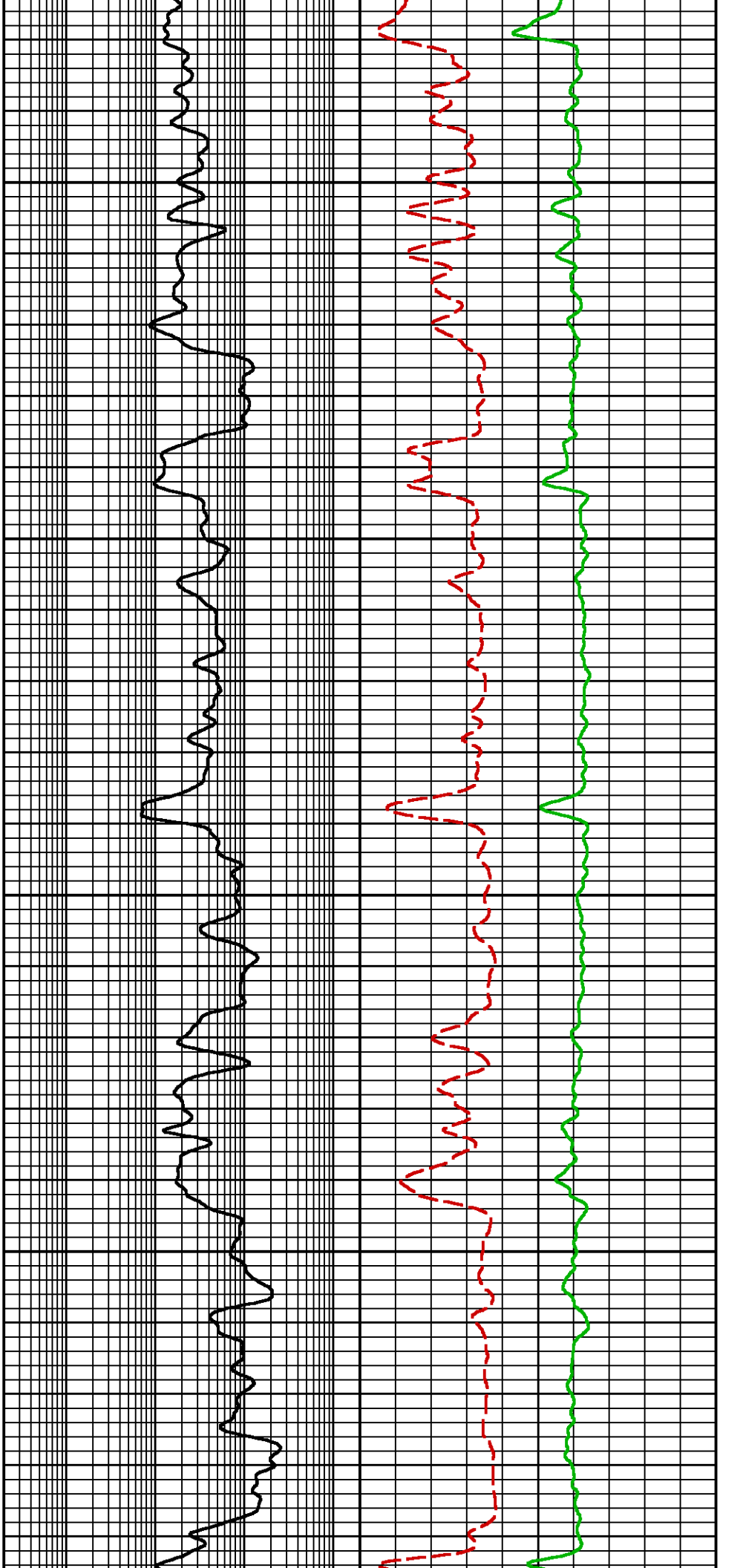


NEO RESULTS FOR BRUTON 19-04W (MAIN)

Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape_Projects\laramie_bruton_19_04w\NEO_PRESENTATION_LARAMIE_MAIN.pdf [5"/100" Scale]
Plot Interval : 4050 - 7667 Feet
Data File 1 : F1 : BHI3BKZH12:C:\Ape_Projects\laramie_bruton_19_04w\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY II LLC
Well : BRUTON 19-04W
Field : VEGA
File Interval : 2080 - 7667 Feet
OCT : NA

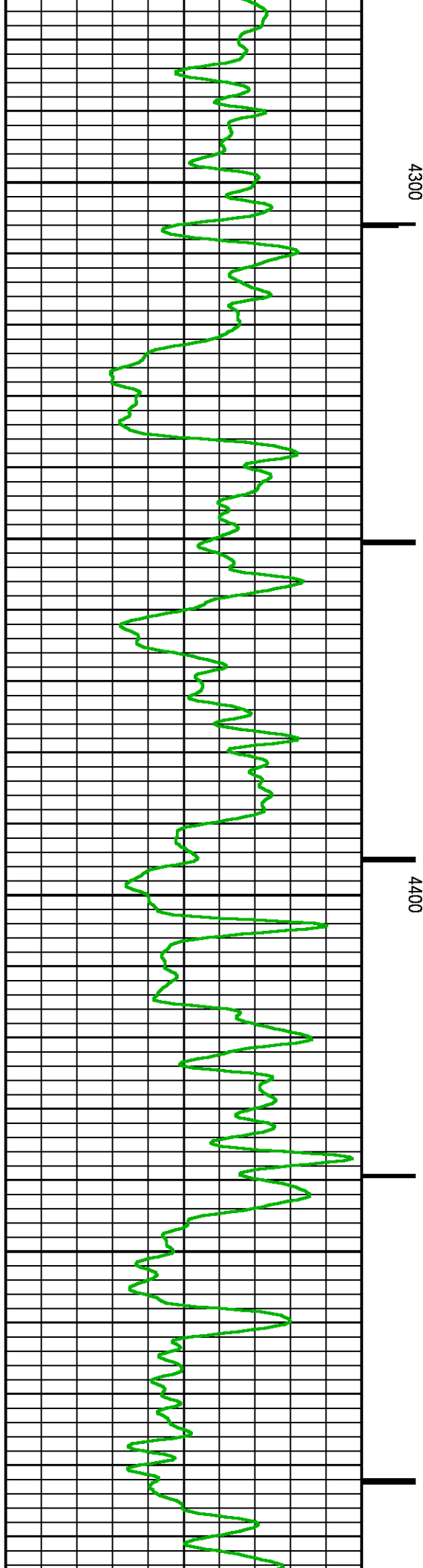


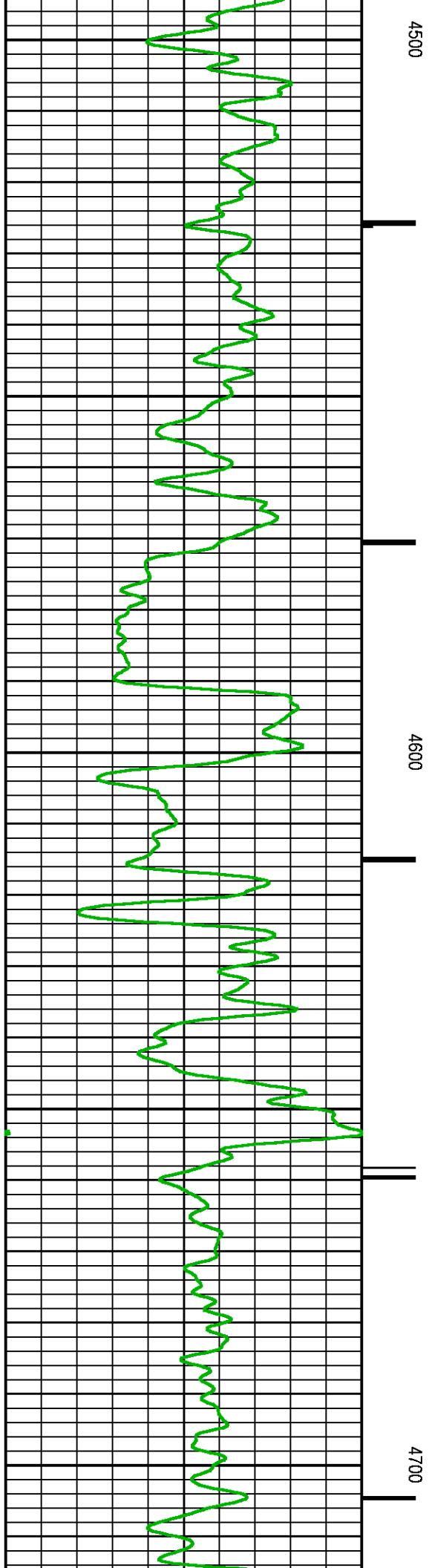
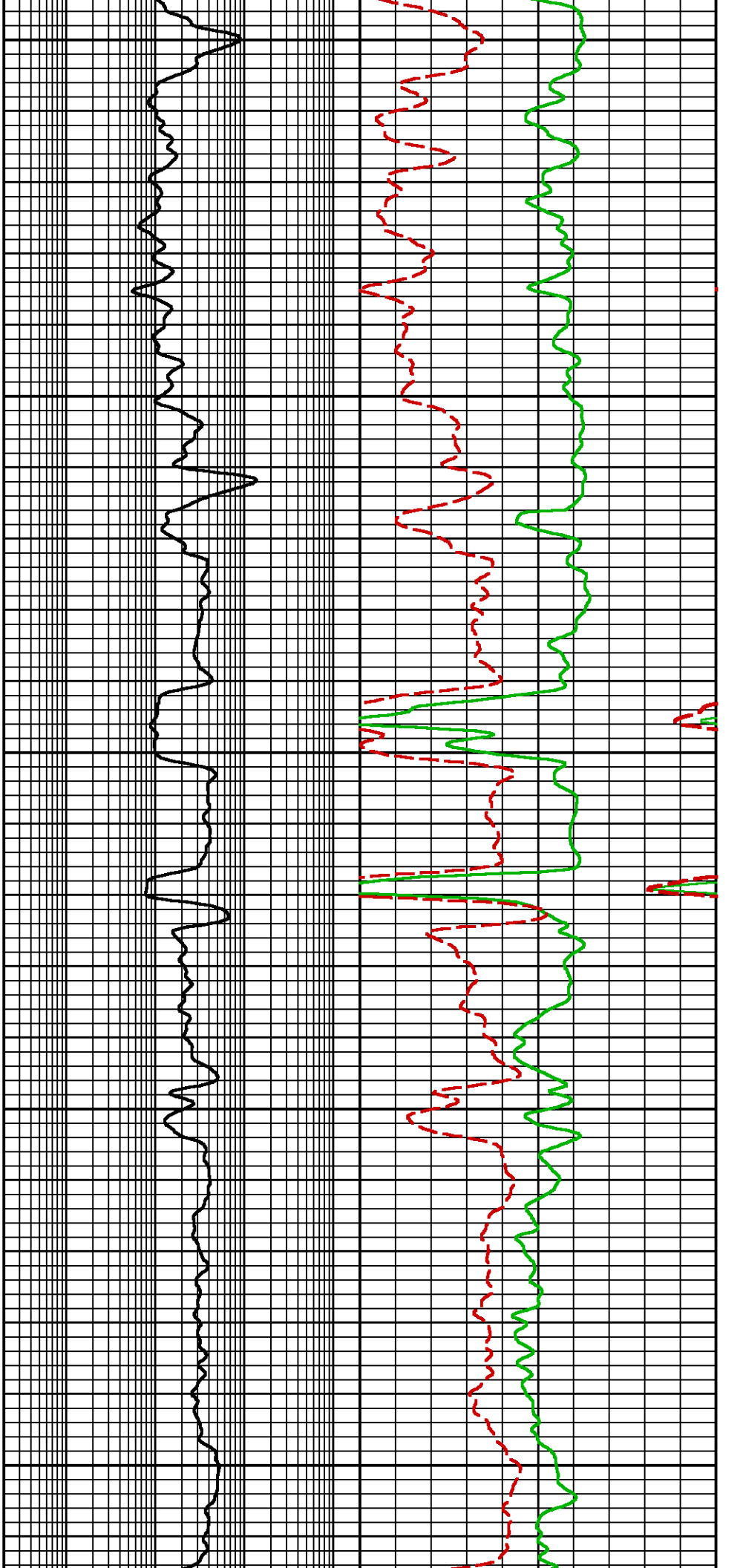


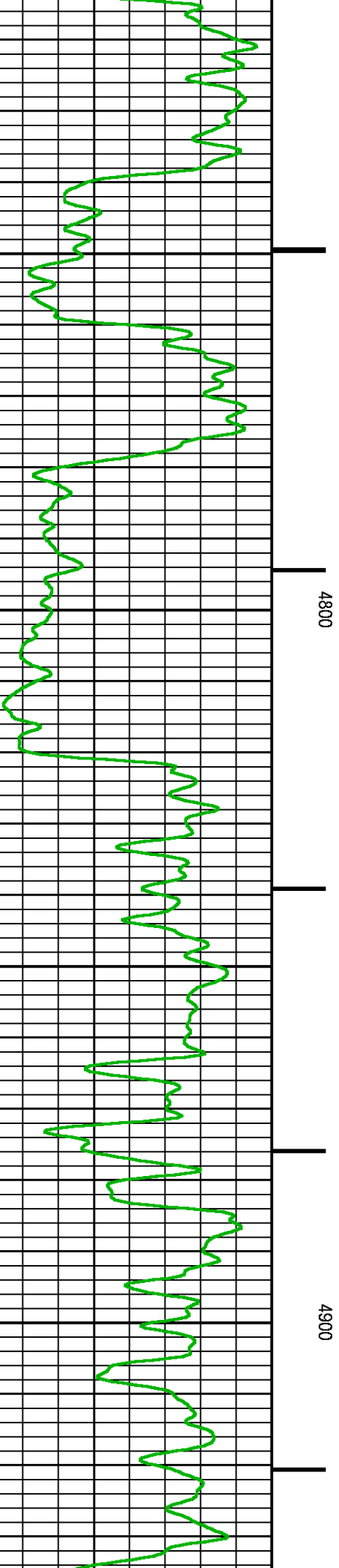
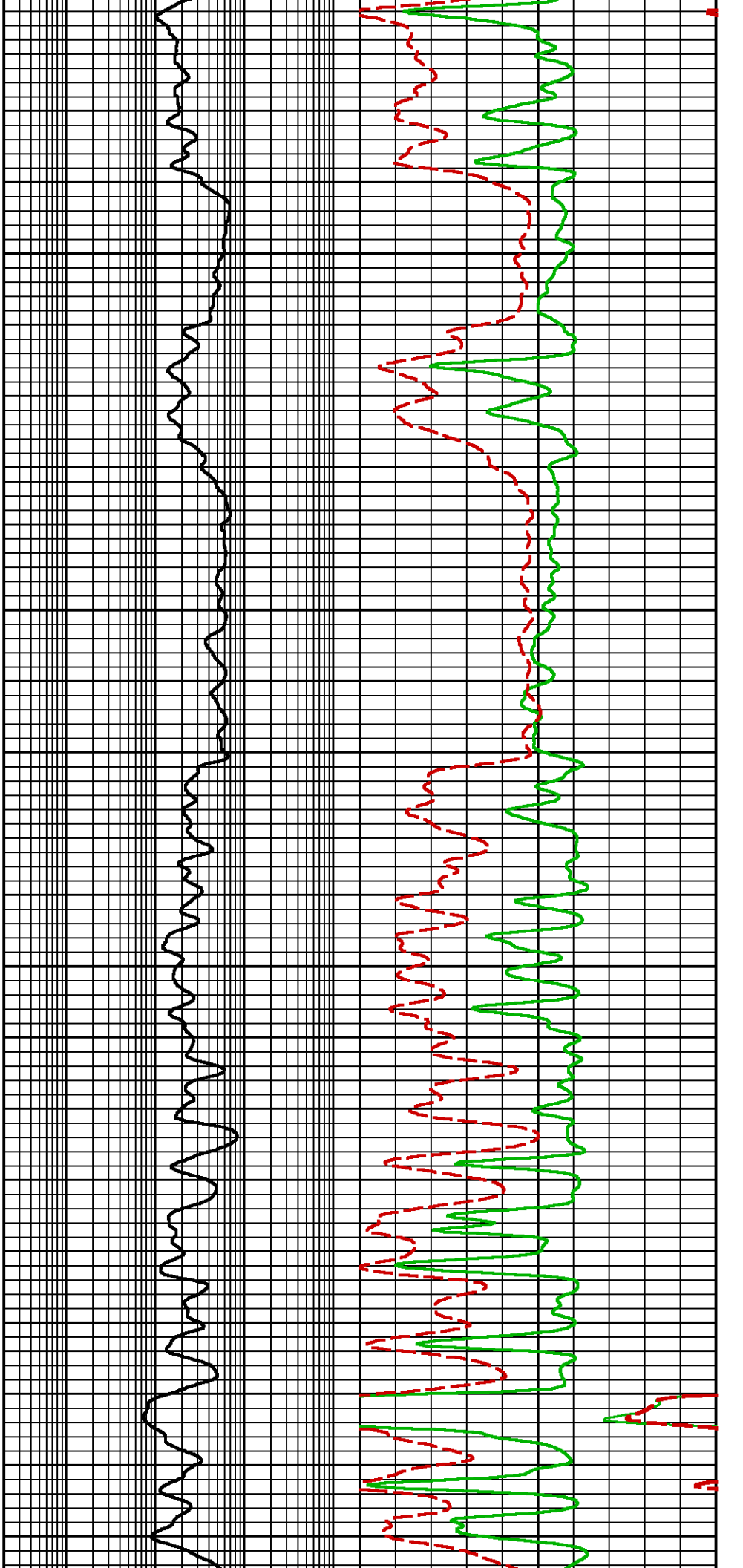


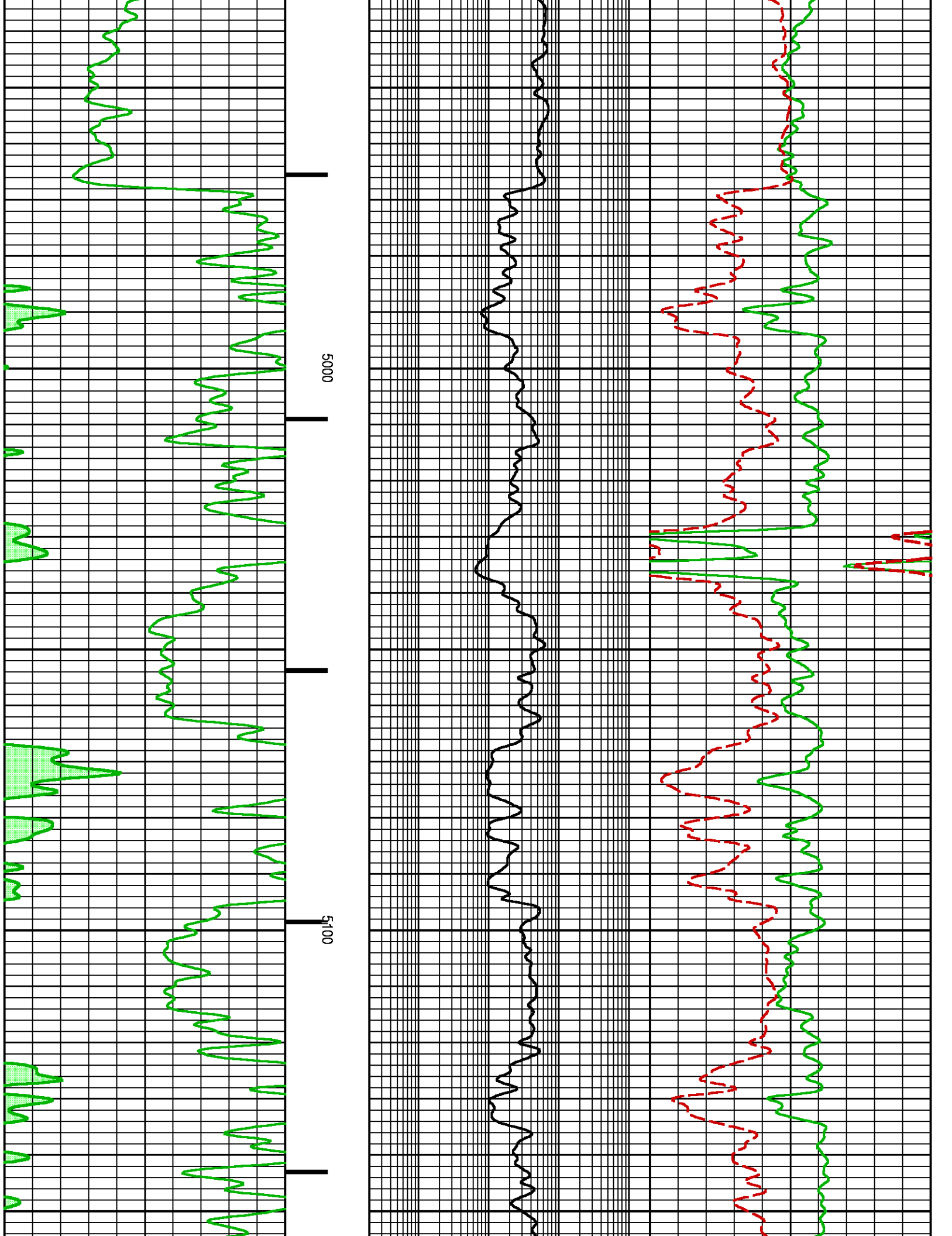
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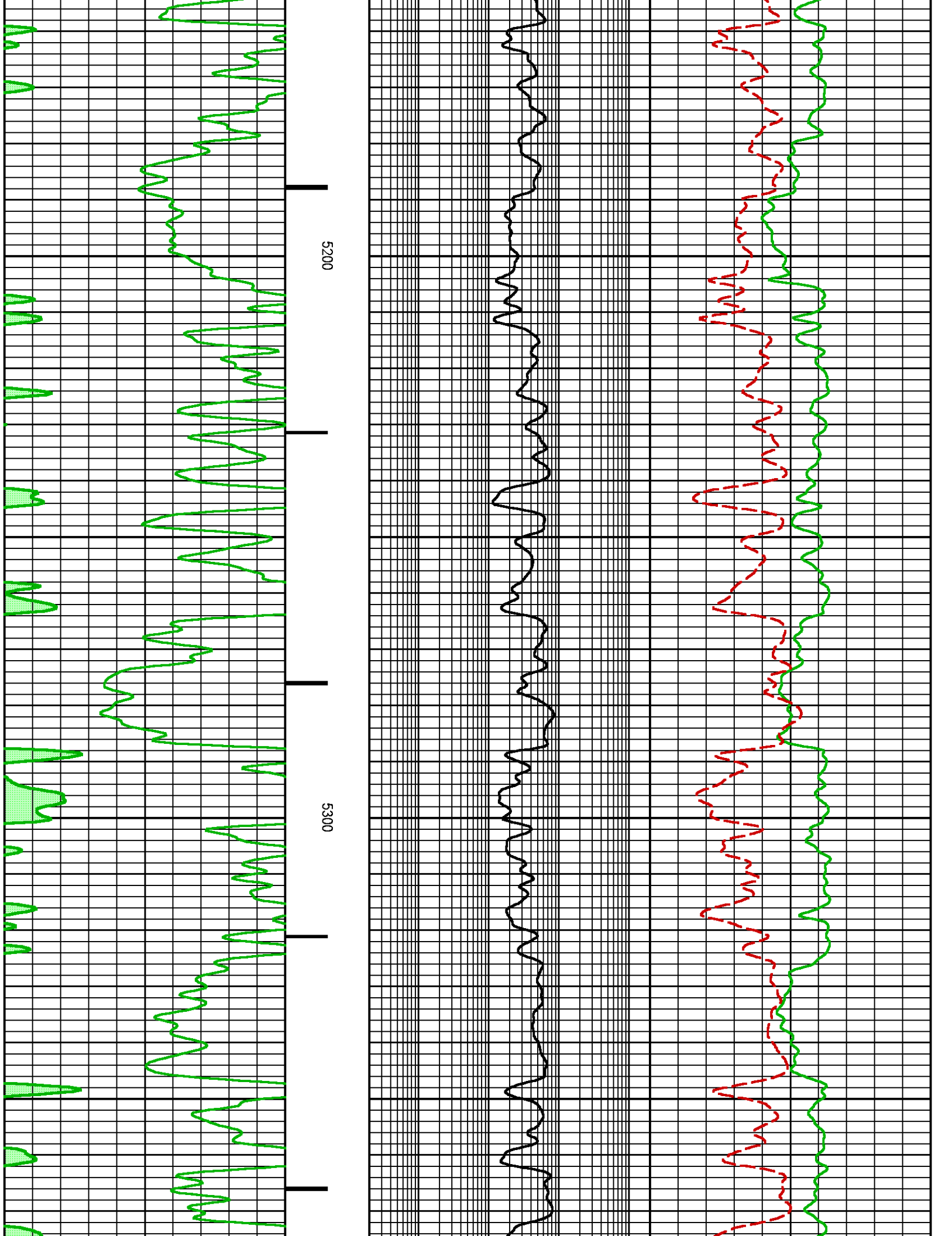
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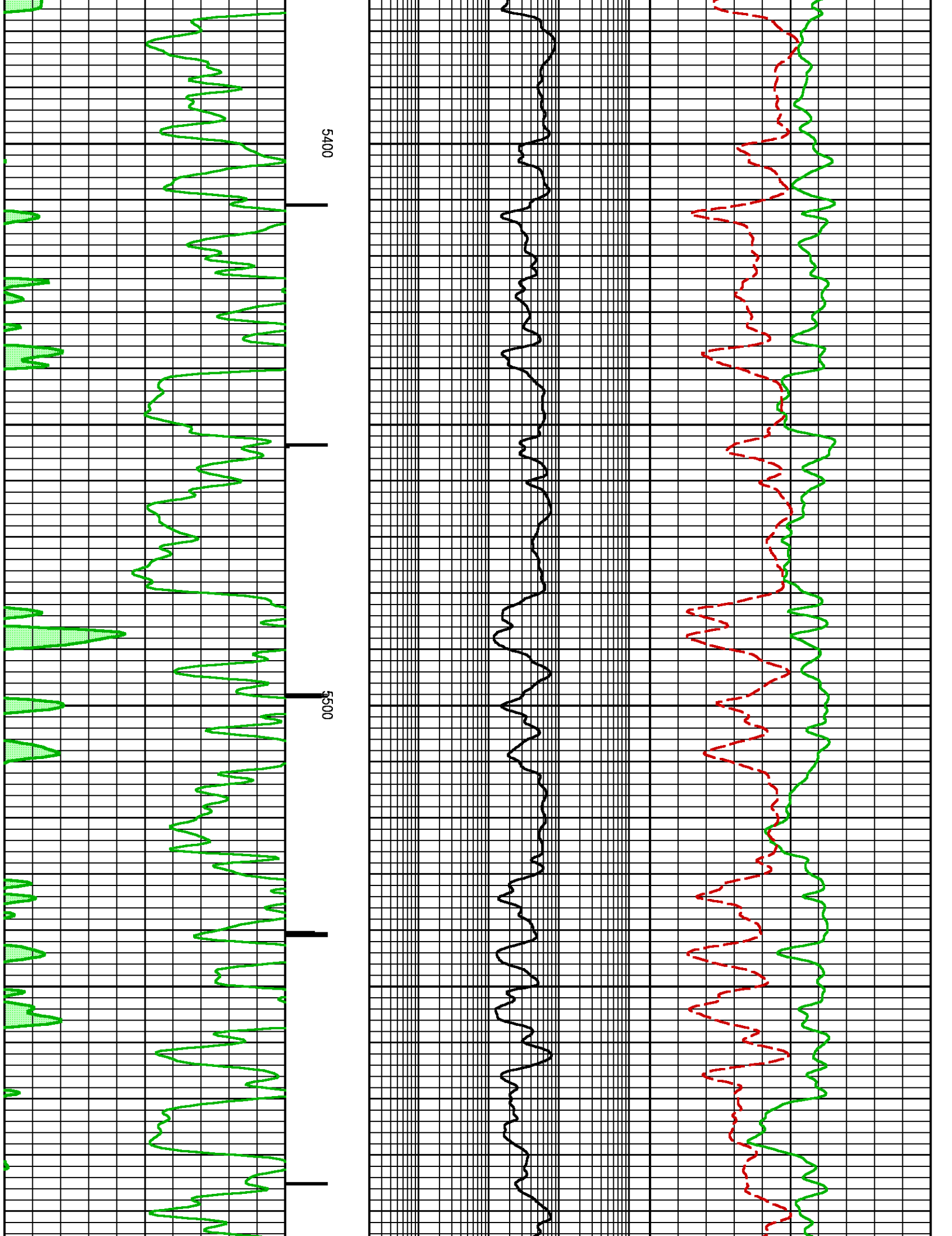


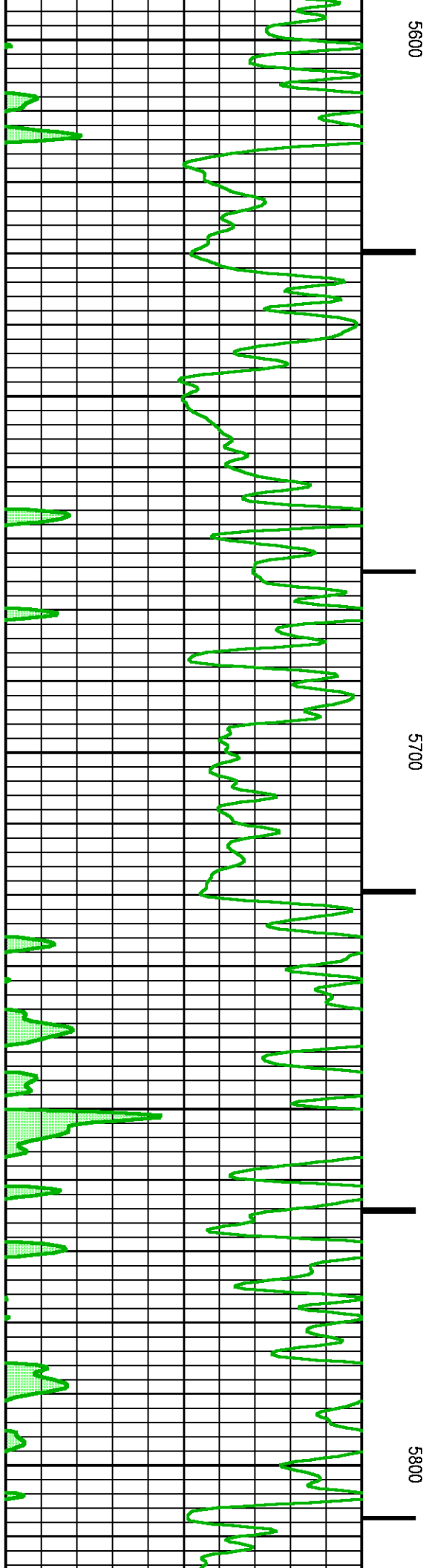
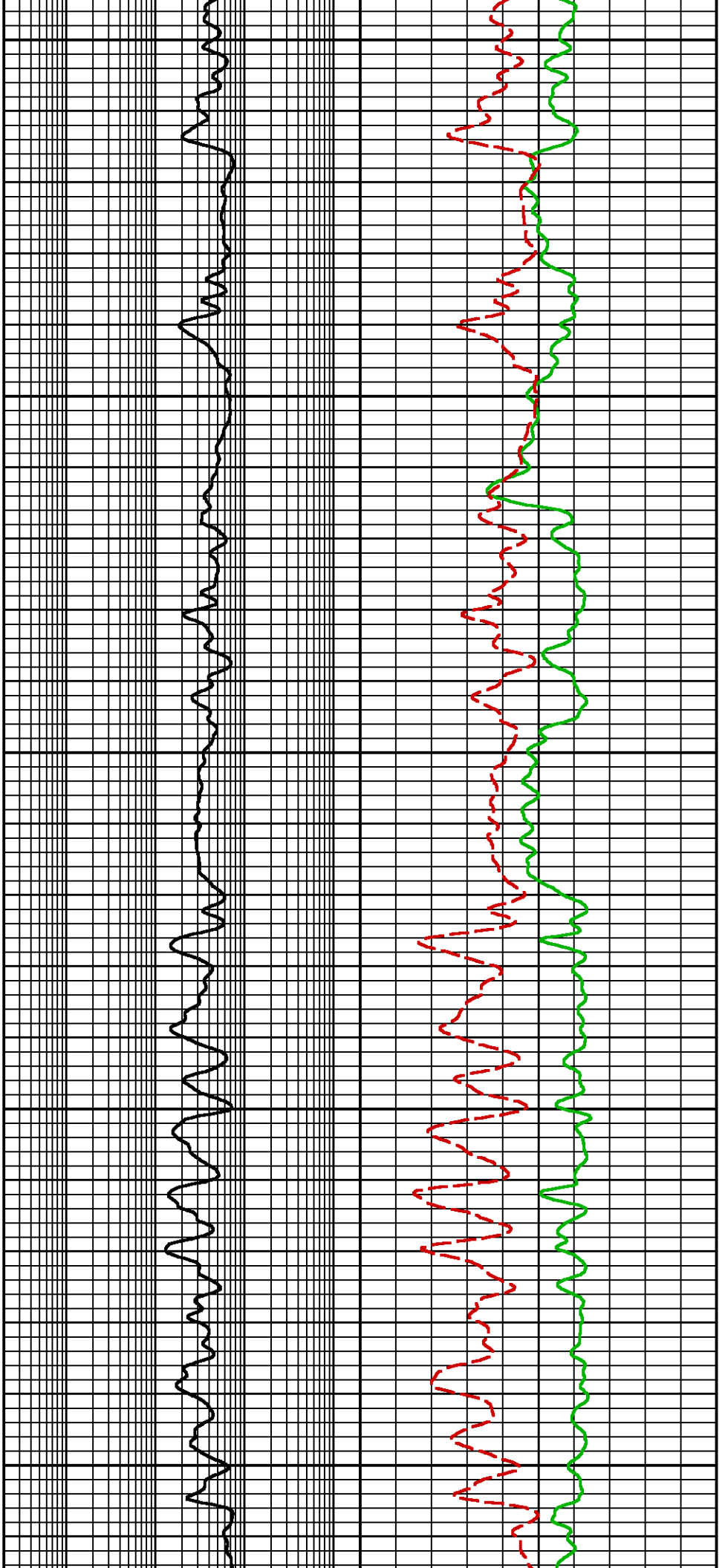


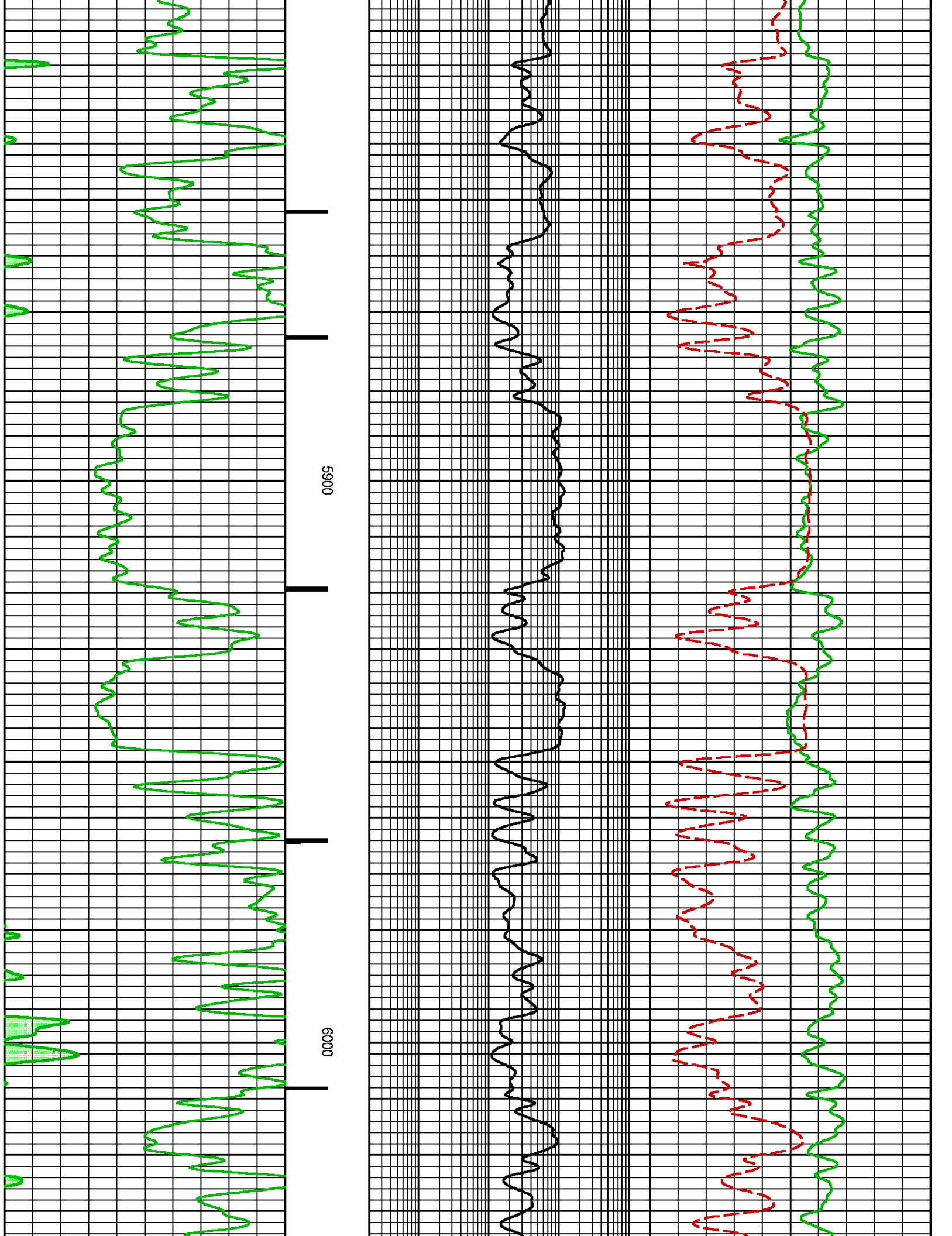


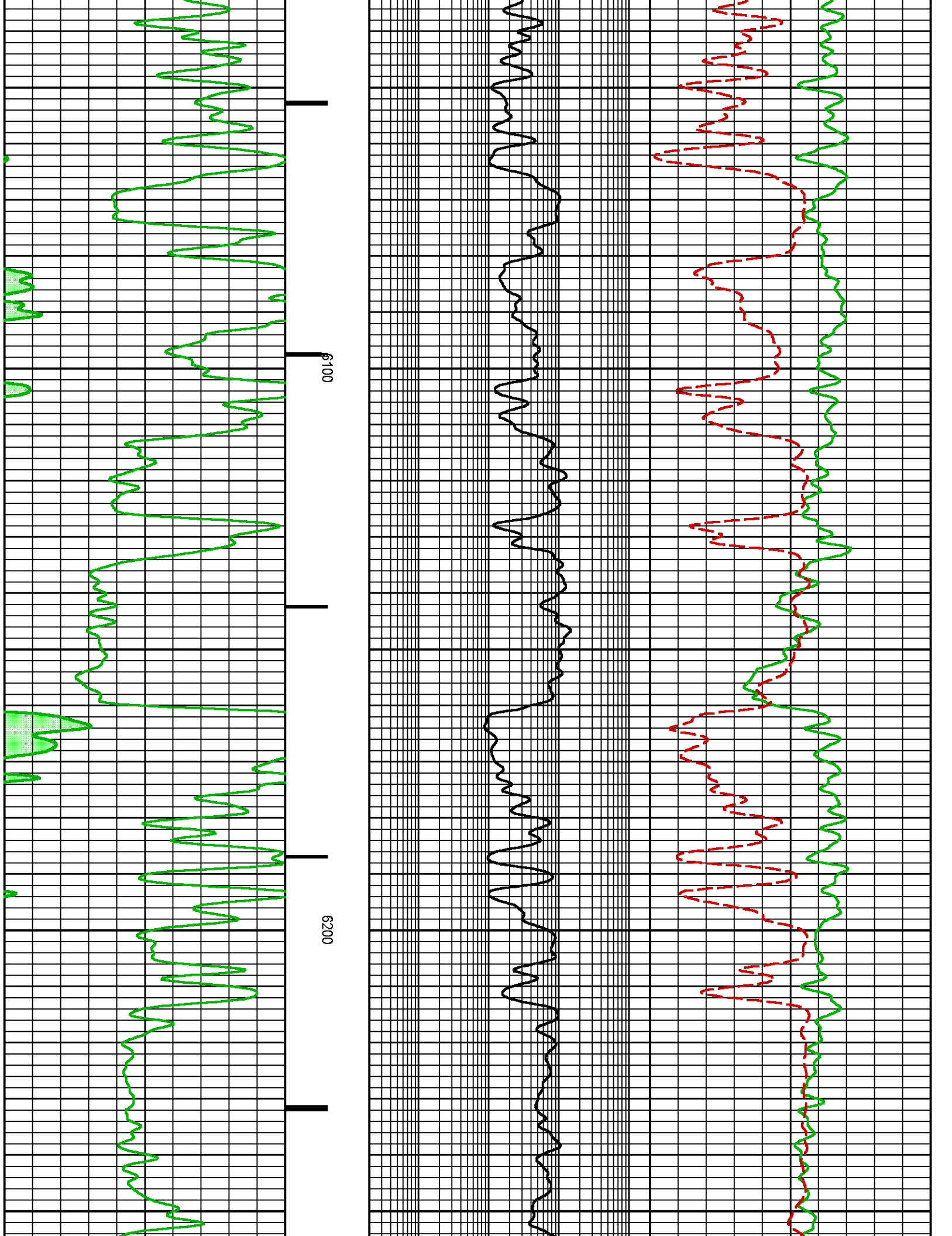


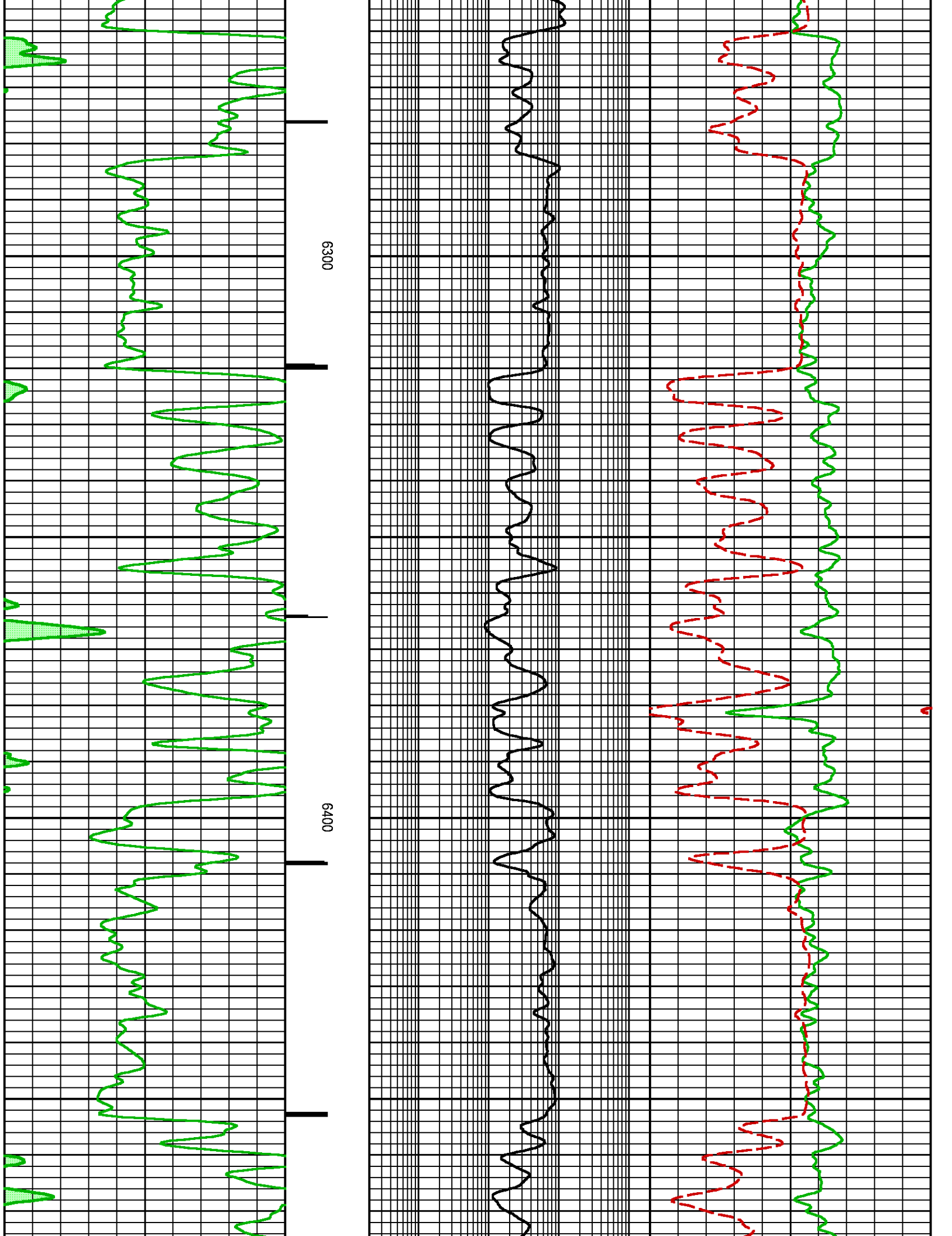


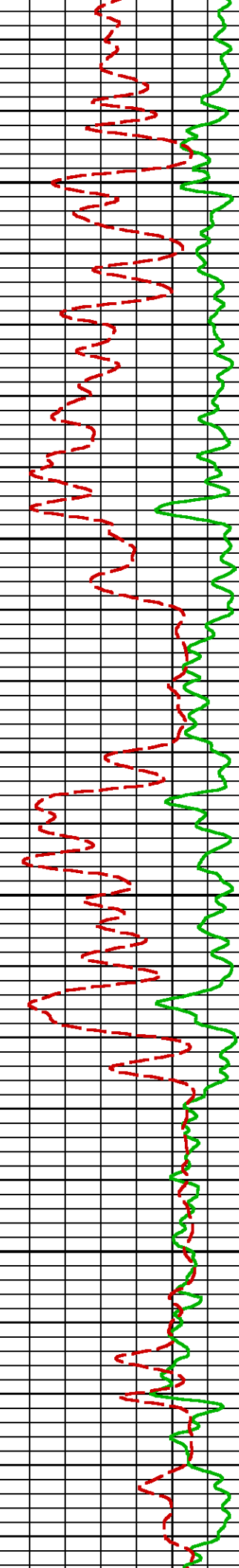
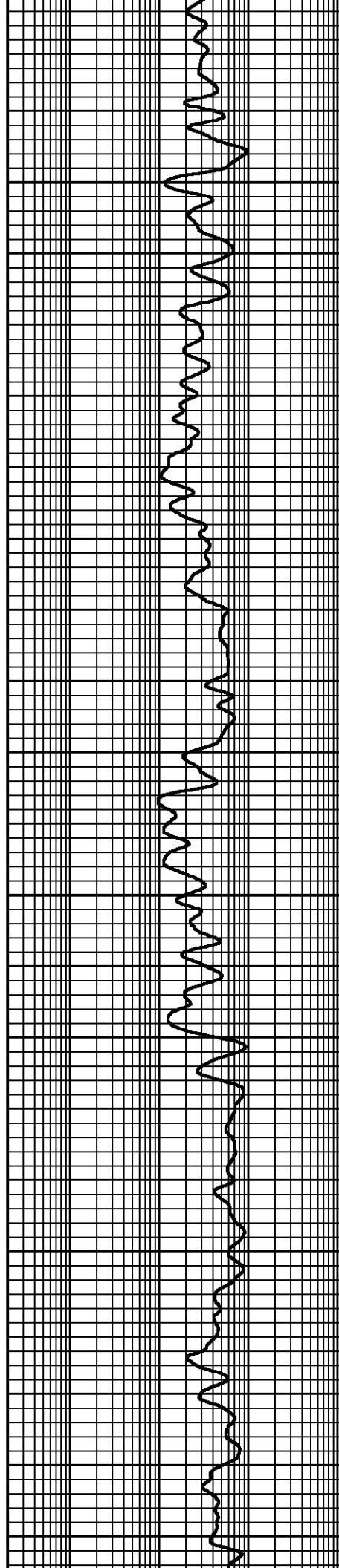
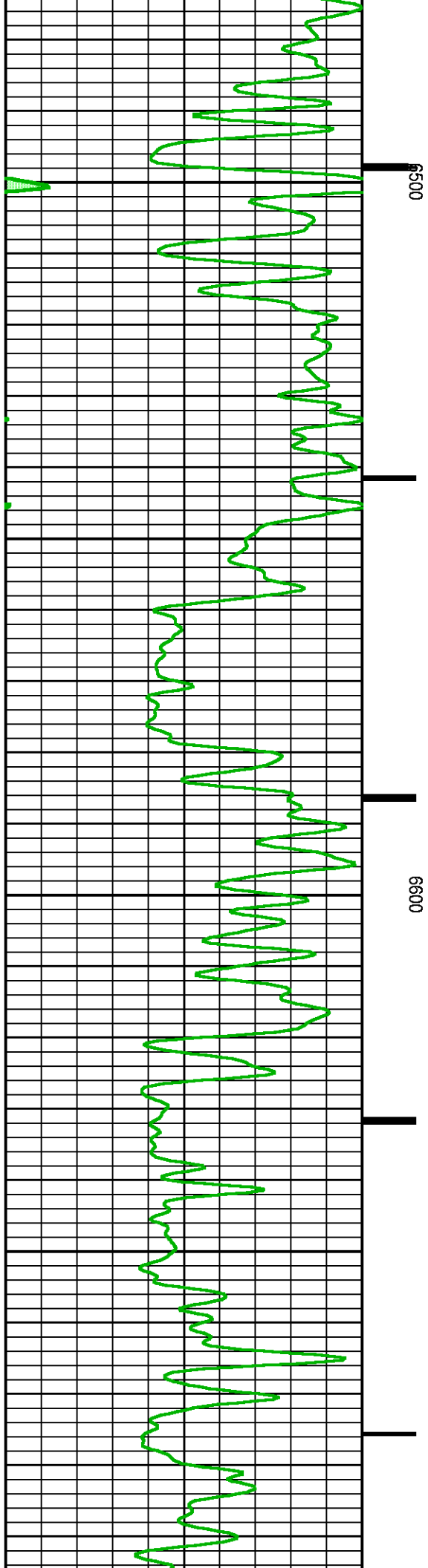


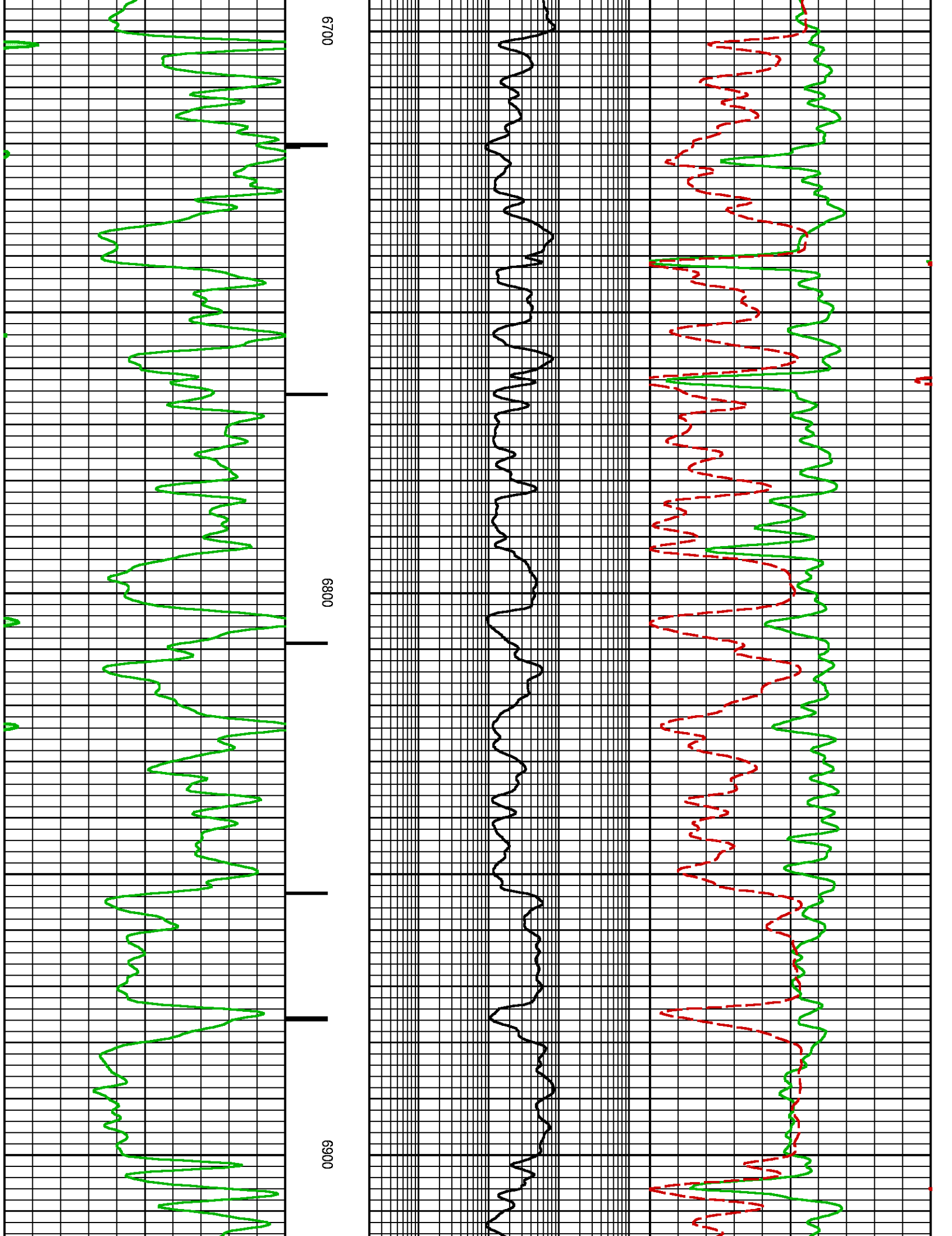


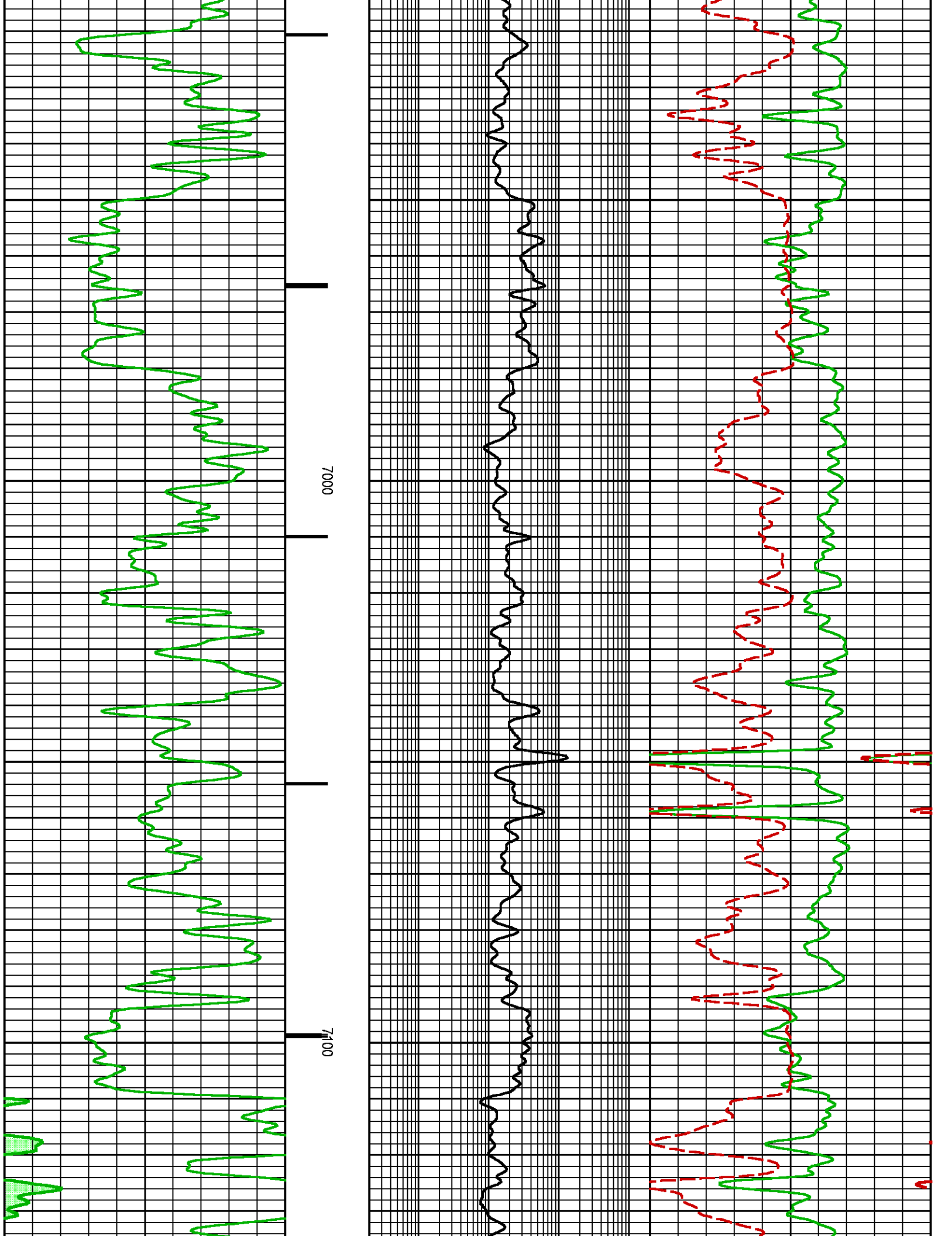


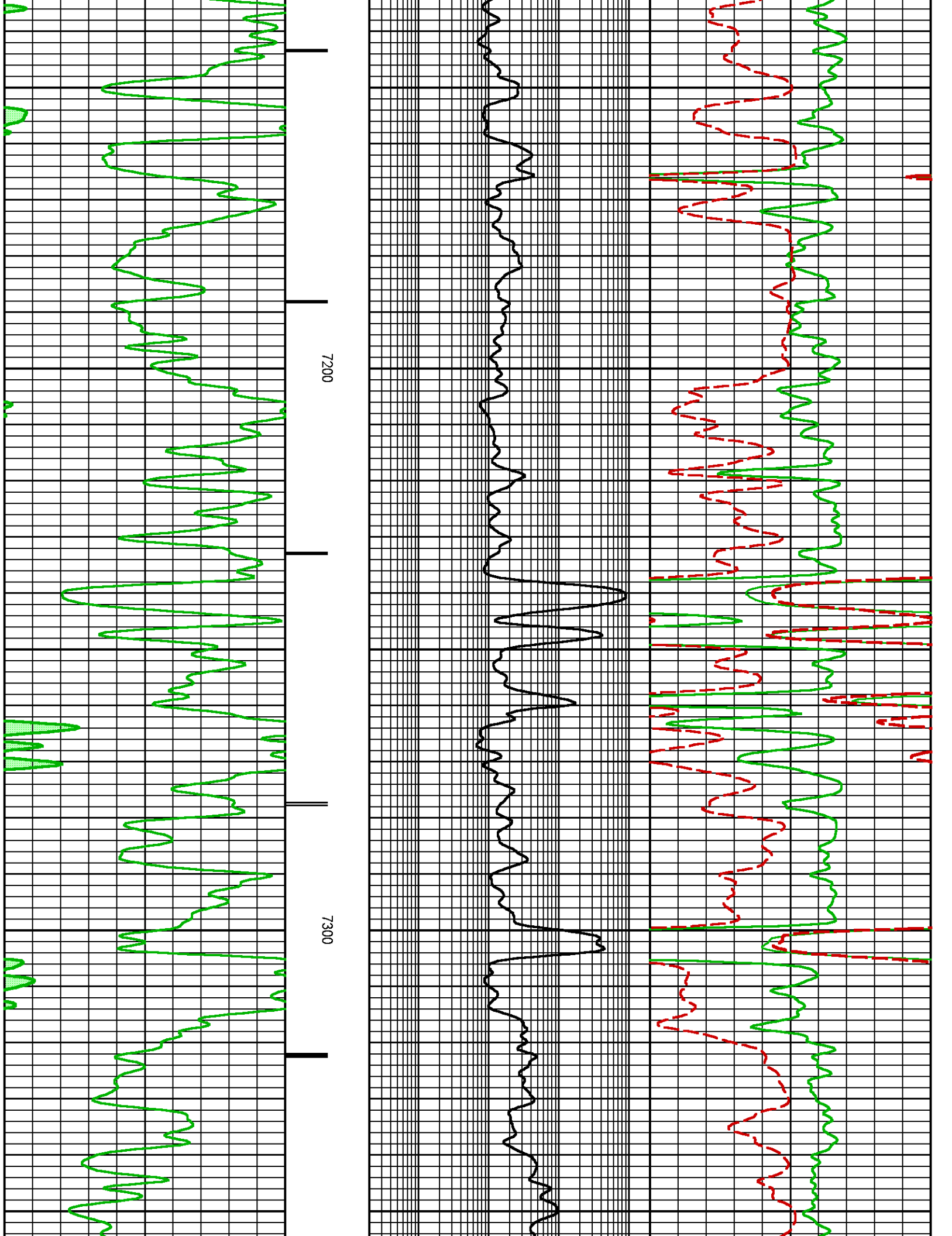


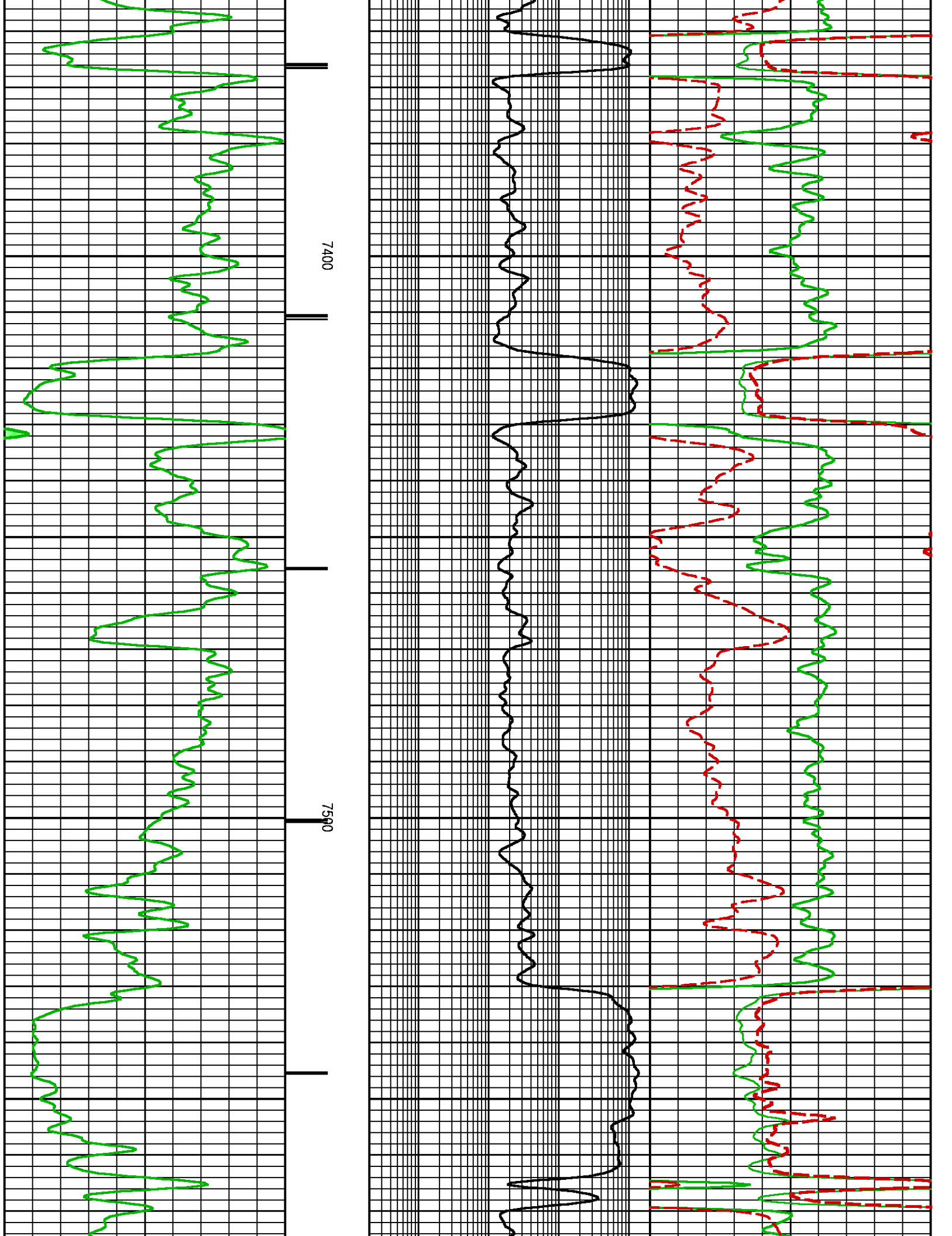


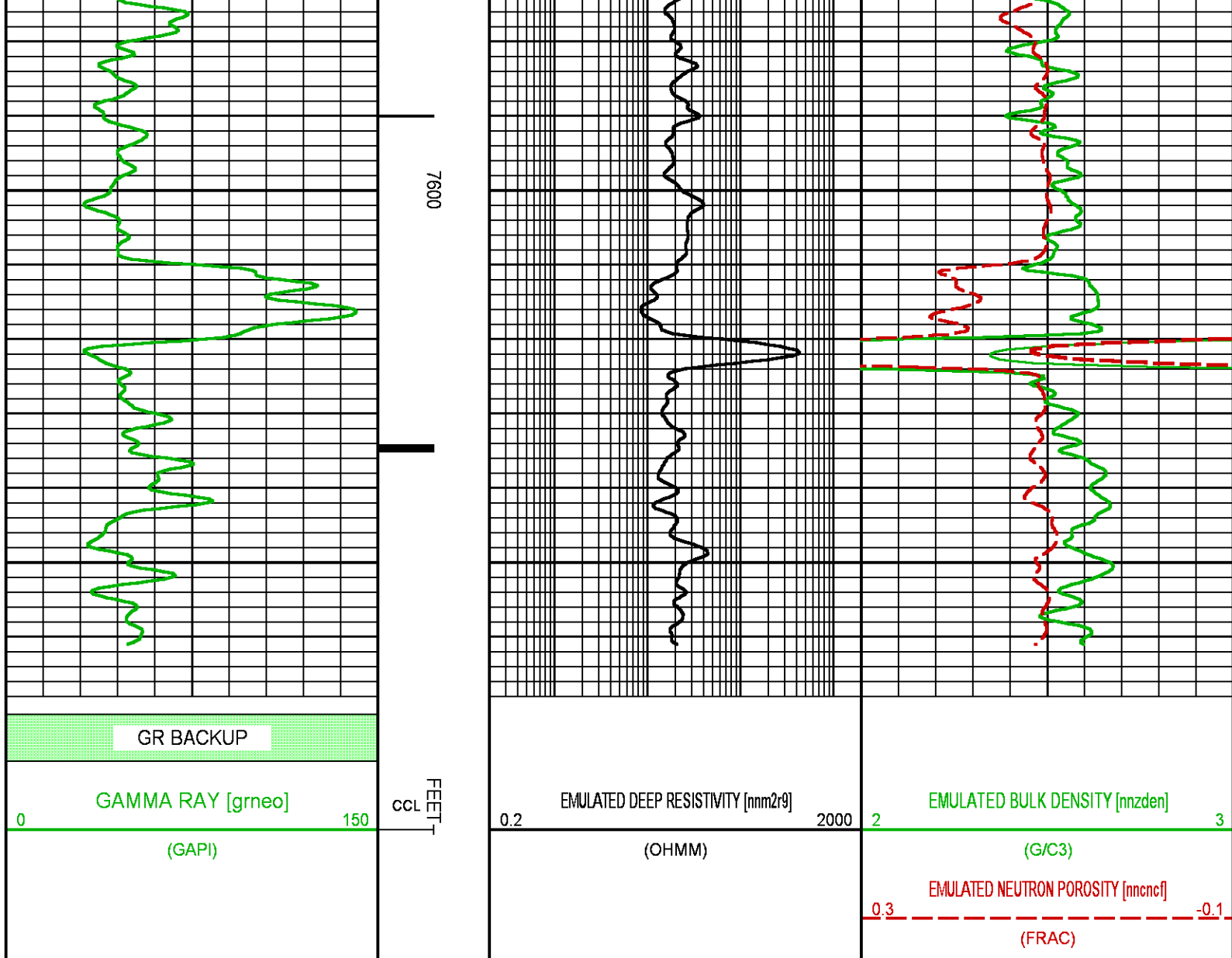












**BAKER
HUGHES**
a GE company



COMPANY
WELL
FIELD
COUNTY

LARAMIE ENERGY
BRUTON 19-04W
VEGA
MESA

STATE **COLORADO**

FILE NO:

API NO:

05-077-10437-0000

LOCATION:

SEE REMARKS

ELEVATIONS:

KB 7286 FT

DF 7286 FT

GL 7262 FT

SEC 19 TWP 9S RGE 93W

DATE 10-NOV-2017

Pulsed Neutron
Formation Evaluation

