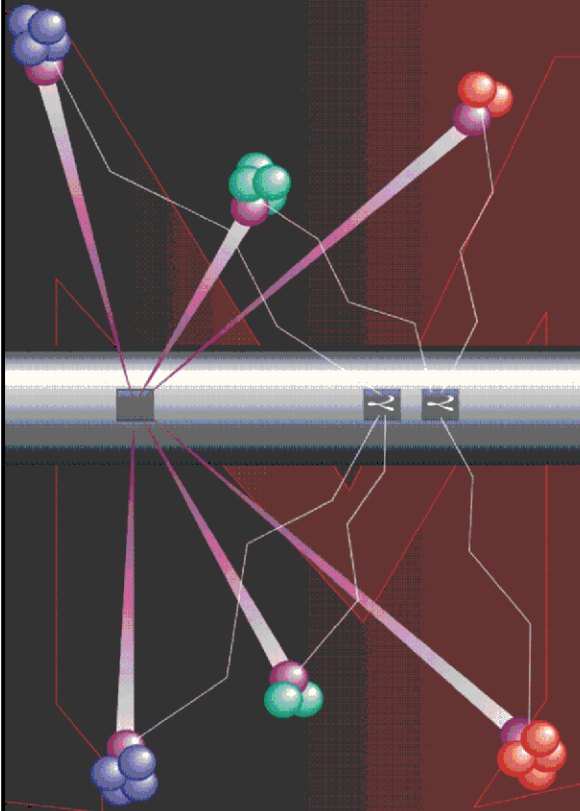


Pulsed Neutron Formation Evaluation



RESERVOIR PERFORMANCE MONITOR NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY LLC

WELL NICHOLS 0994-24-18W

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS

SEC 24 TWP 9S RGE 94W

ELEVATIONS:

KB 7236 FT DF GL 7212 FT

DATE 12-JUL-2018 ECC 137653

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>12-JUL-2018</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>	ENGINEER: <u>T. NEWELL</u>	DATE: <u>3-JUL-2018</u>

FROM	TO								
<u>2170 FT</u>	<u>7730 FT</u>								

REMARKS

LOCATION: SHL: 2308' FNL & 2781' FWL
BHL: 912 FSL & 1549' FWL

TRAINING WELL:
NICHOLS 24-06W

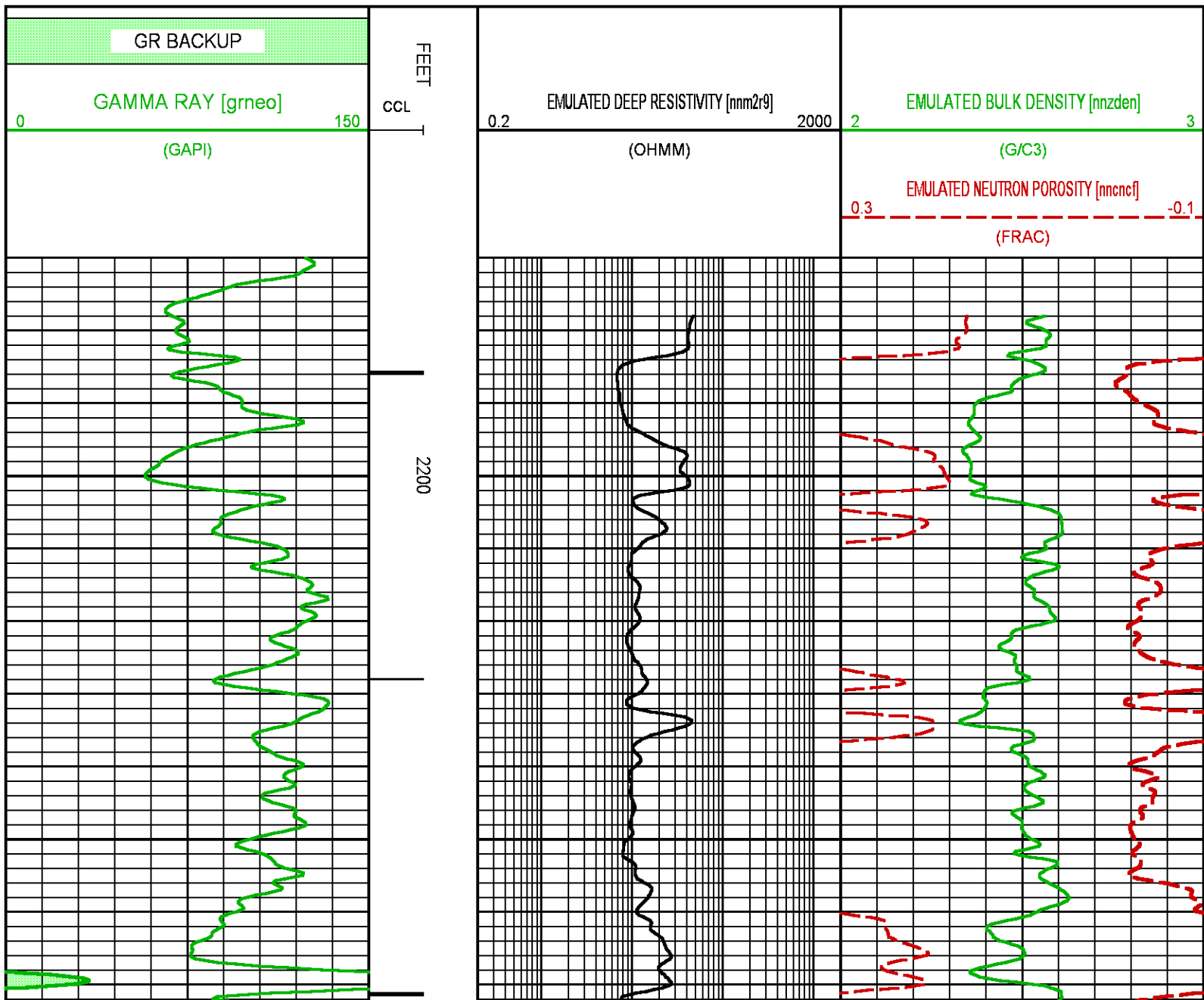
ANY ERRORS IN THE TRAINING WELL OPENHOLE DATA CAN PERETUATE THROUGH AS ERROR IN THE EMULATED RESULTS

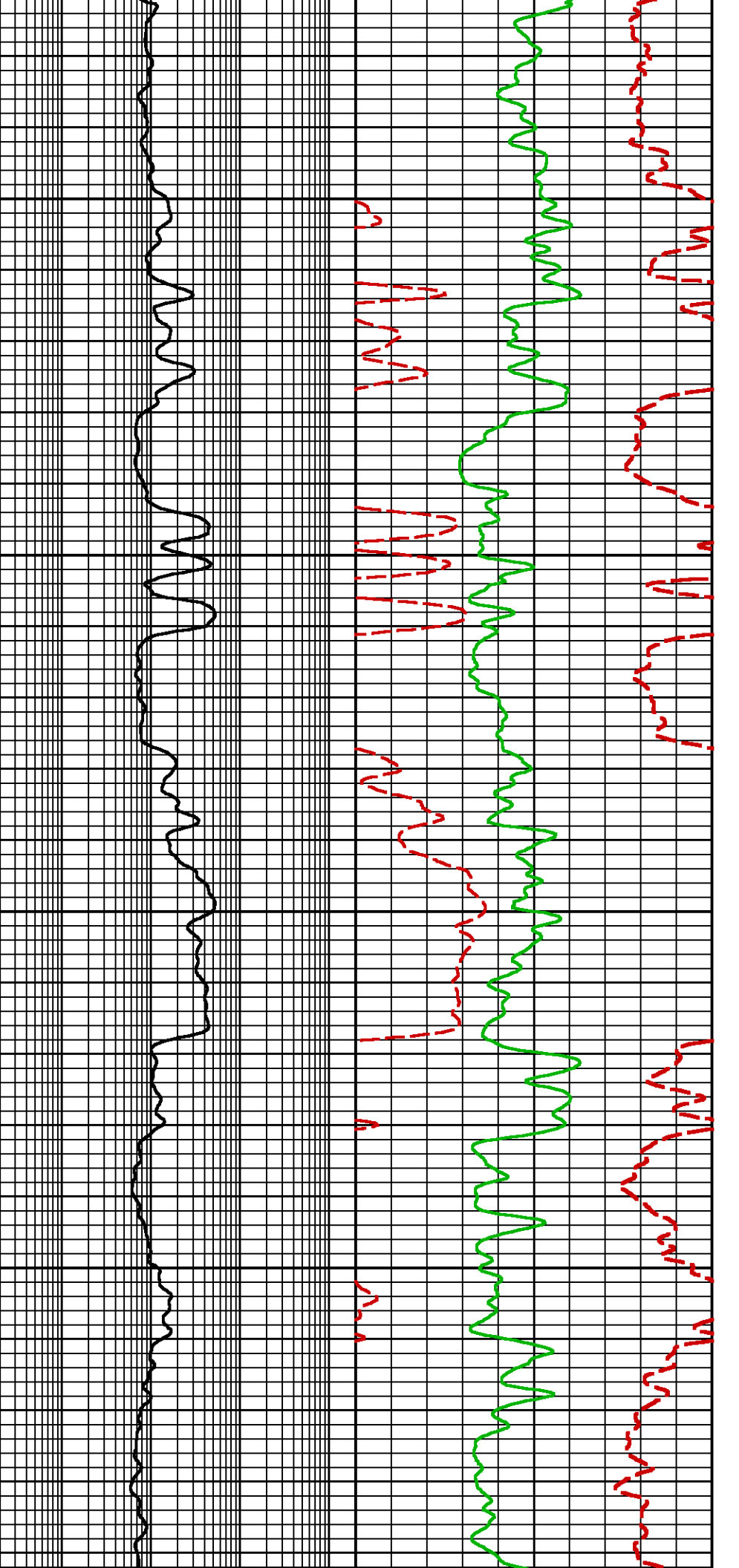
BOND LOG IS DEPTH REFERENCE LOG

NEO RESULTS FOR NICHOLS 0994-24-18W (G-SAND)

Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape_Projects\laramie_nichols_24_18w\NEO_PRESENTATION_LARAMIE_G-Sand.pdf [5"/100' Scale]
Plot Interval : 2170 - 2805 Feet

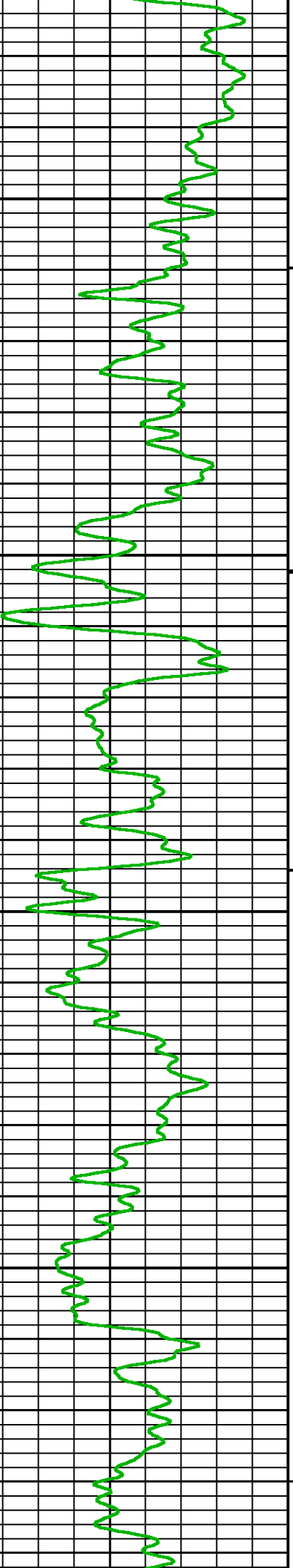
Data File 1 : F1 : BHI3BKZH12:C:\Ape_Projects\laramie_nichols_24_18w\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : NICHOLS 0994-24-18W
Field : VEGA
File Interval : 2153 - 7730 Feet
OCT : NA

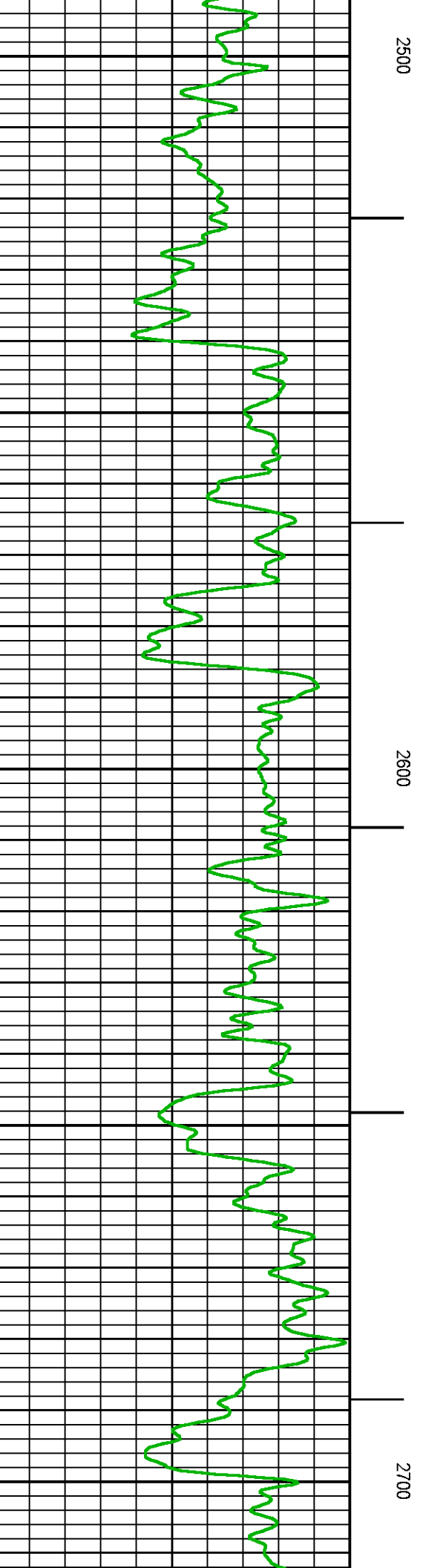
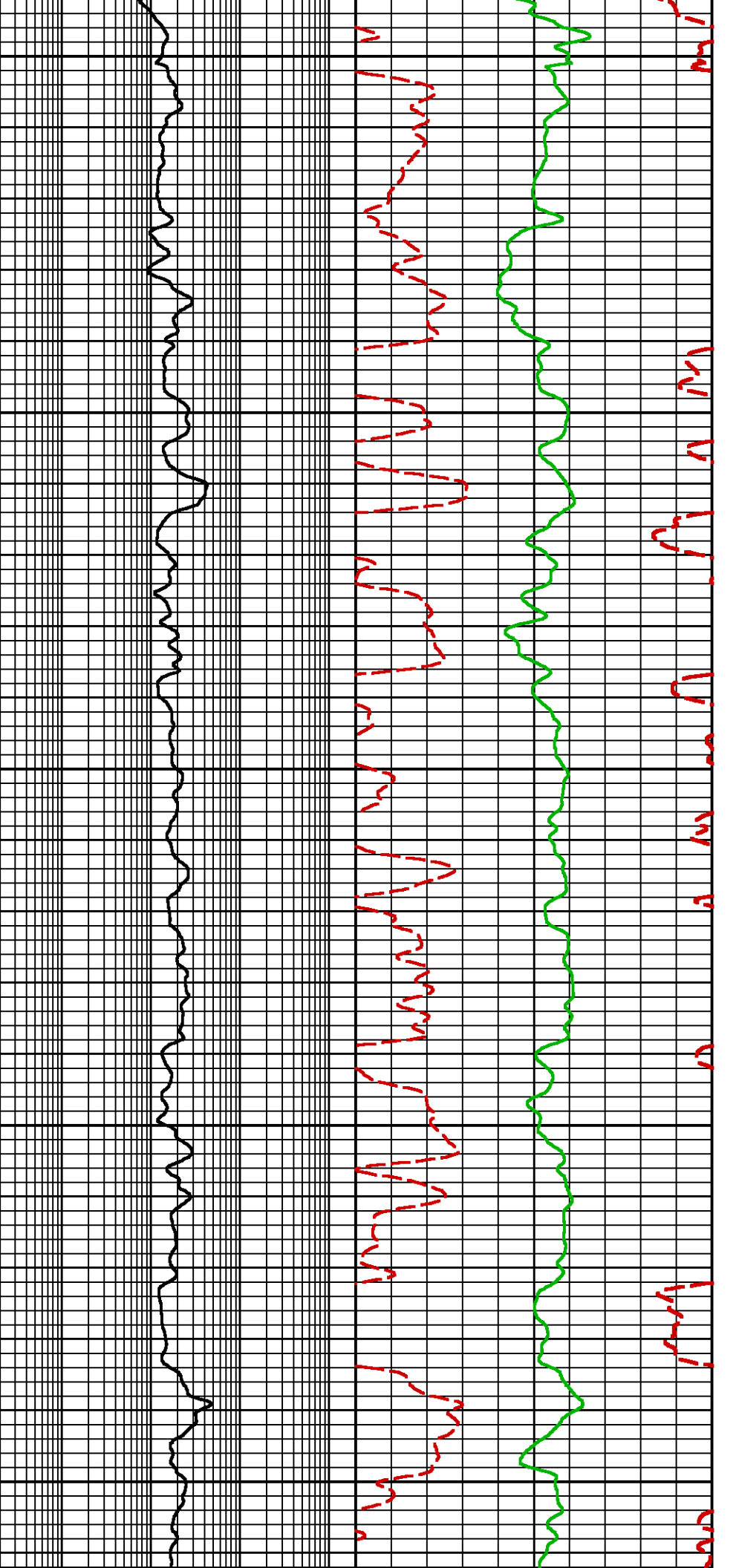


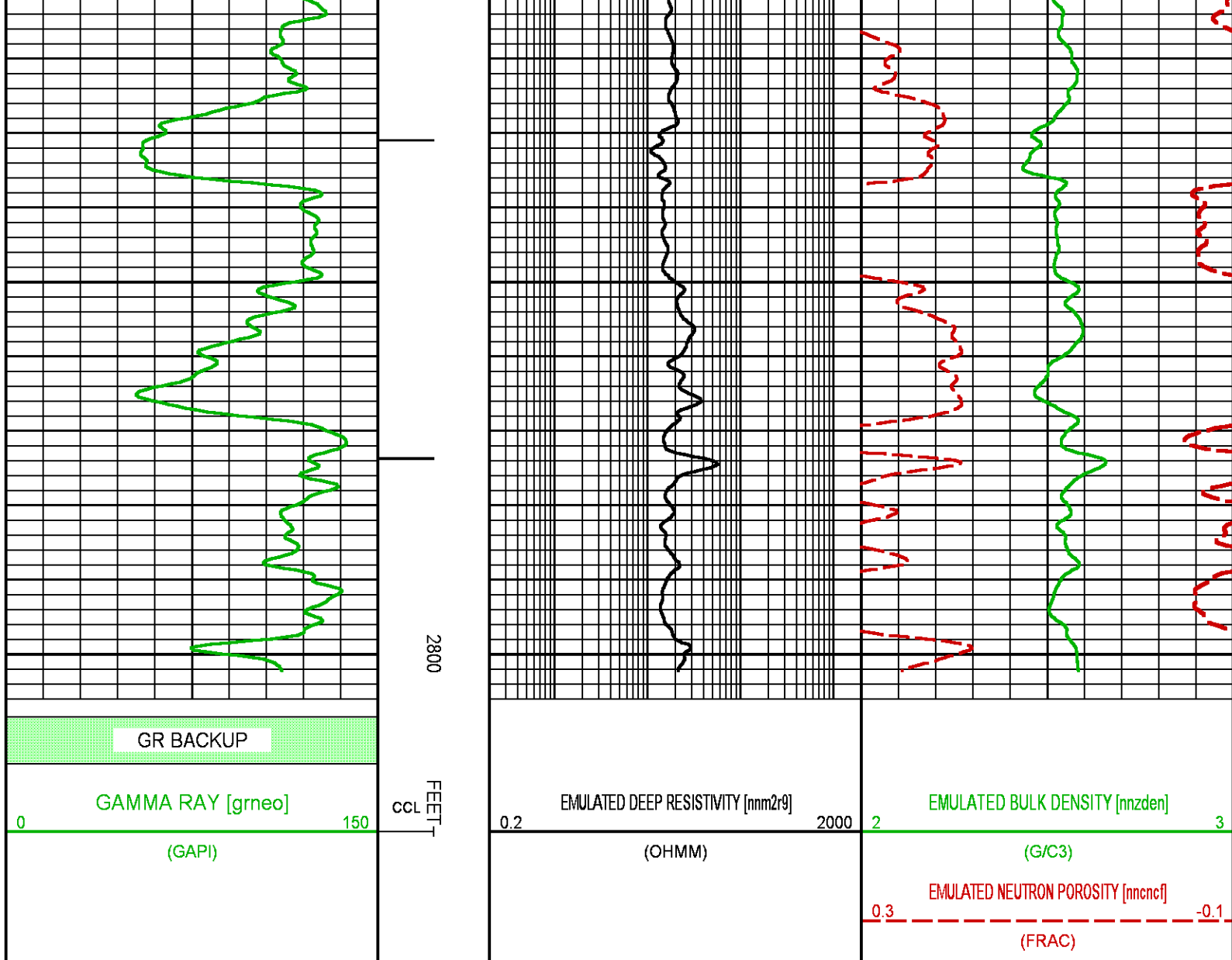


2300

2400

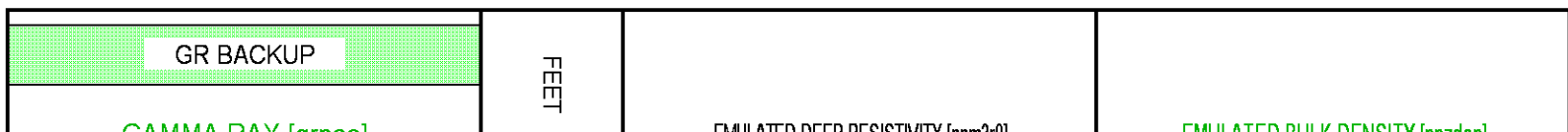


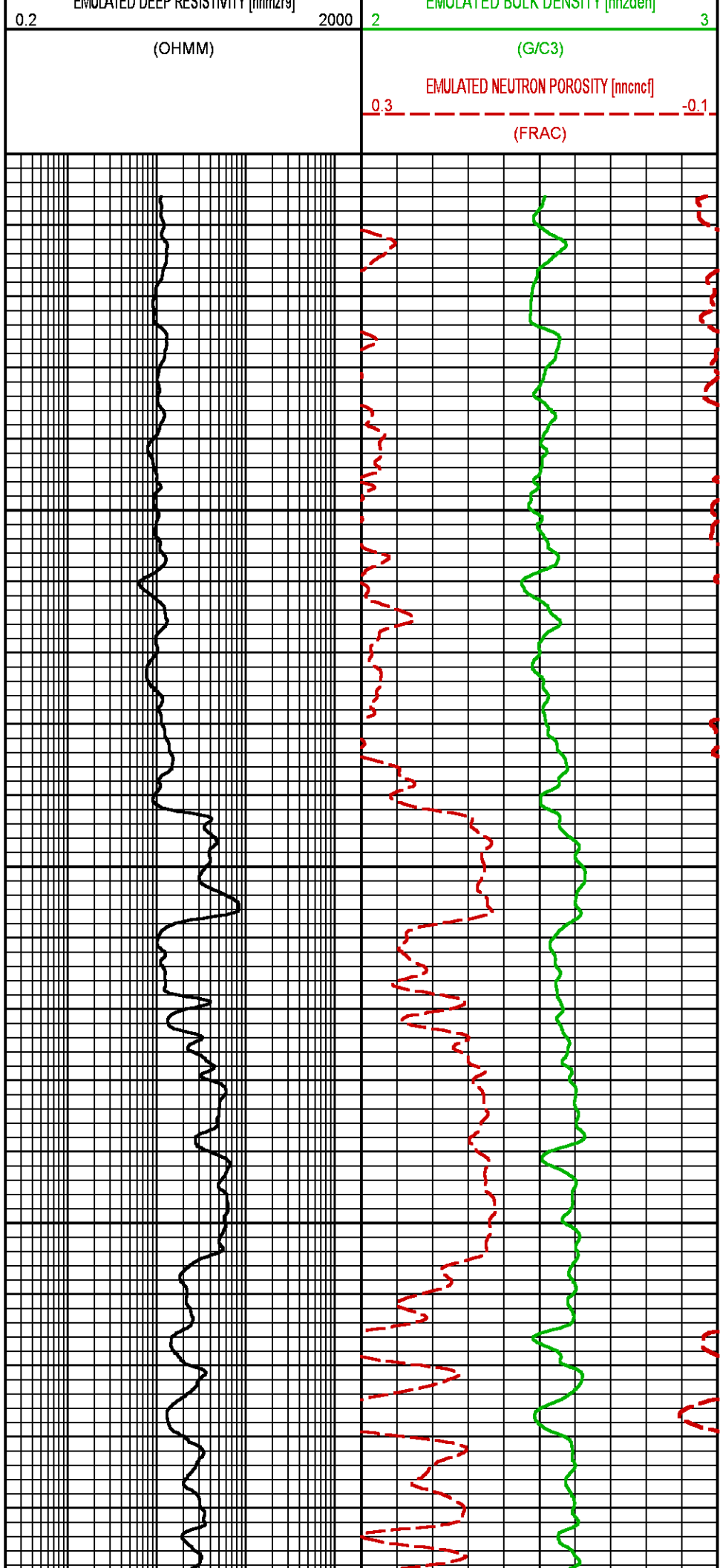
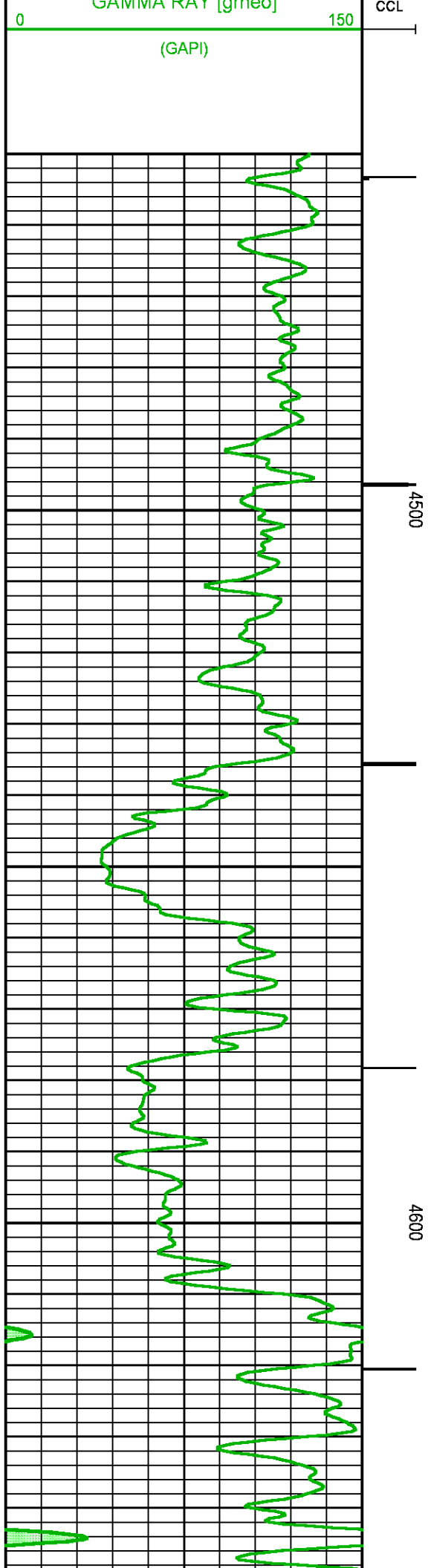


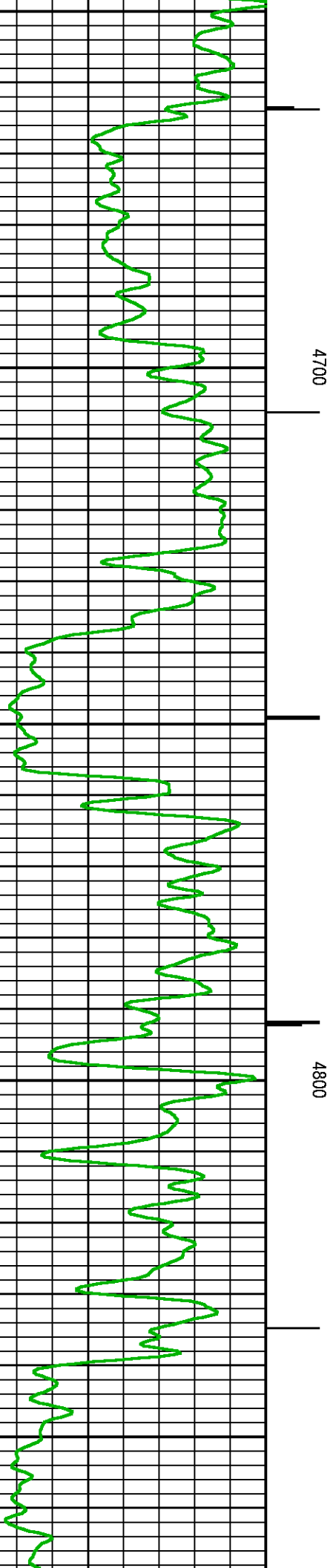
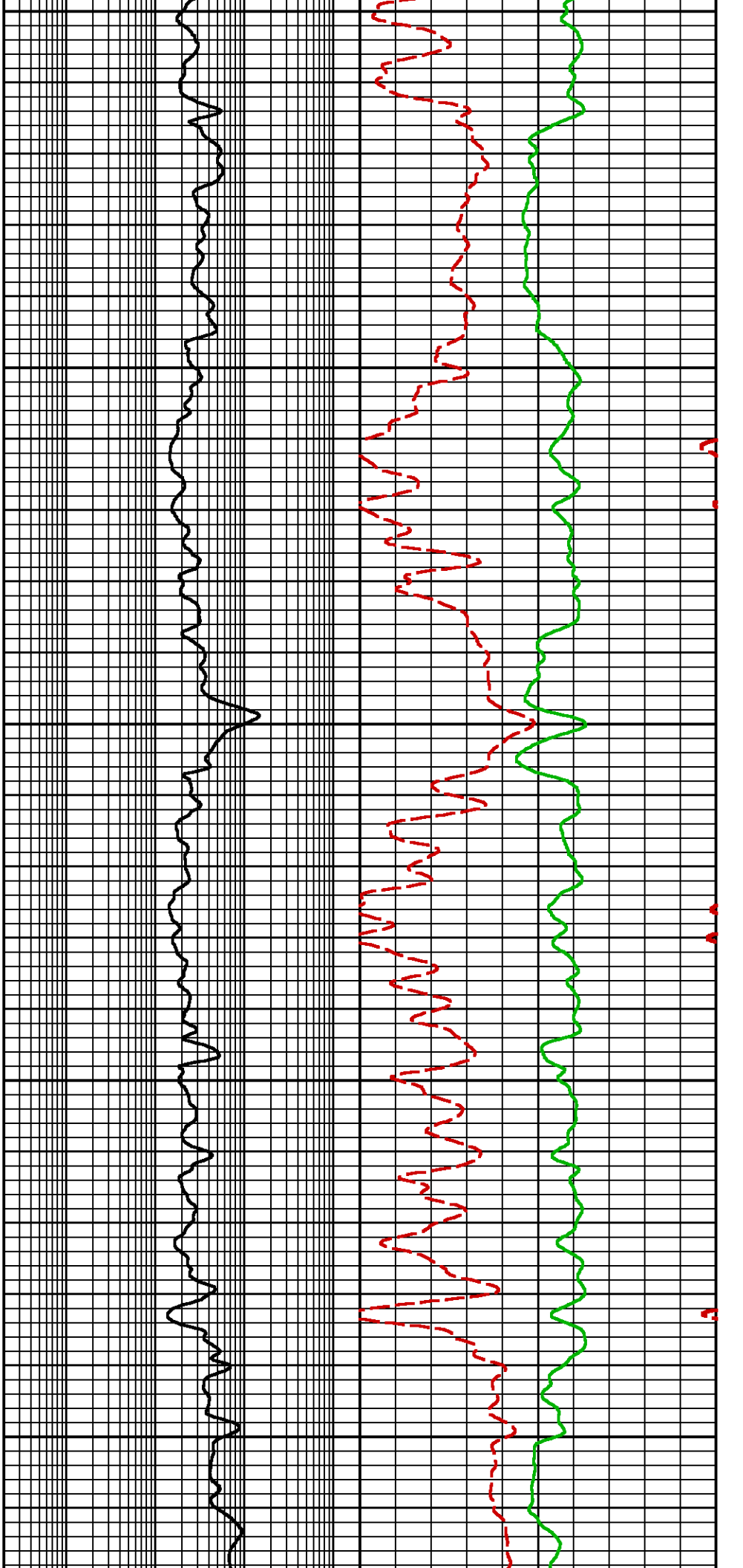


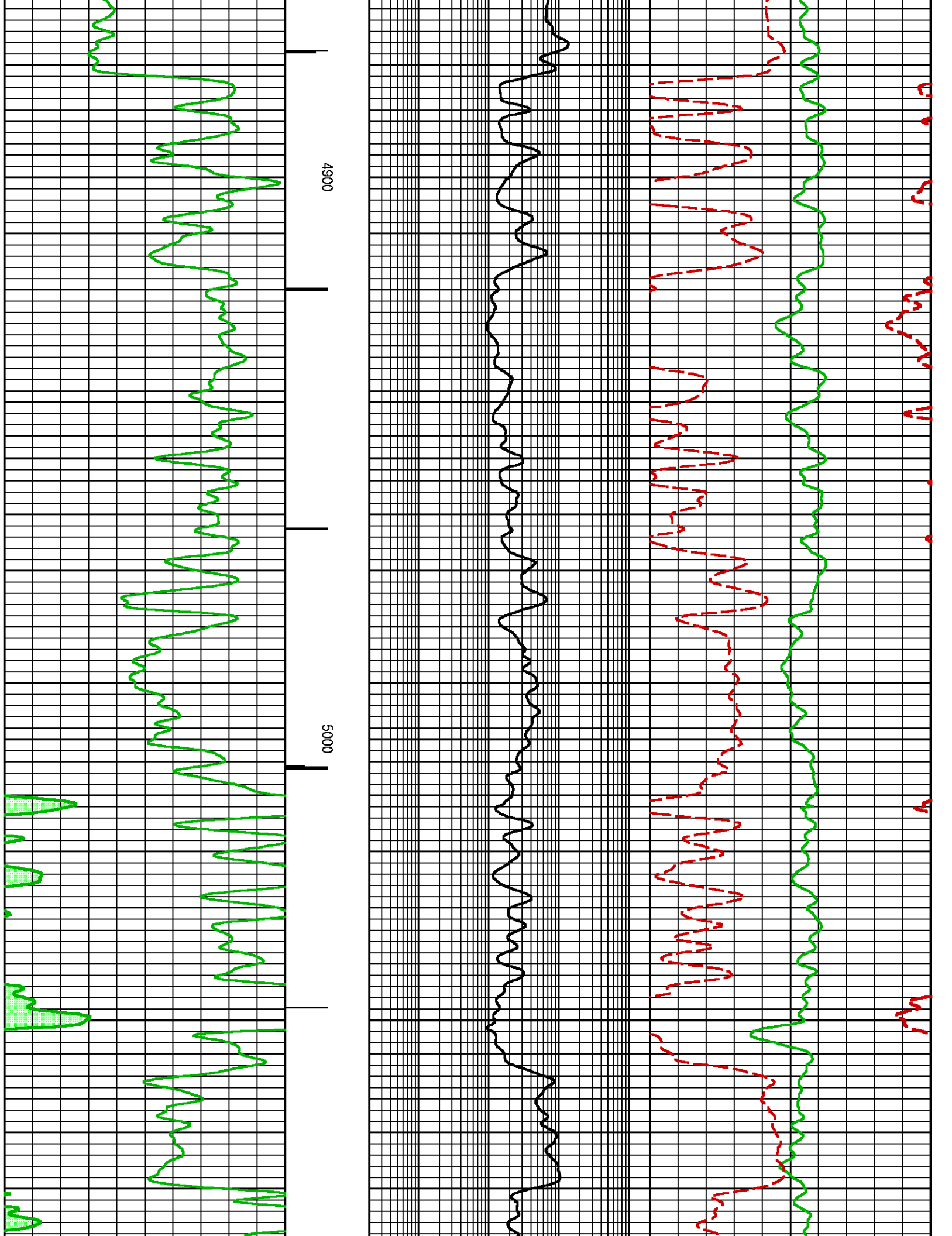
NEO RESULTS FOR NICHOLS 0994-24-18W (MAIN)

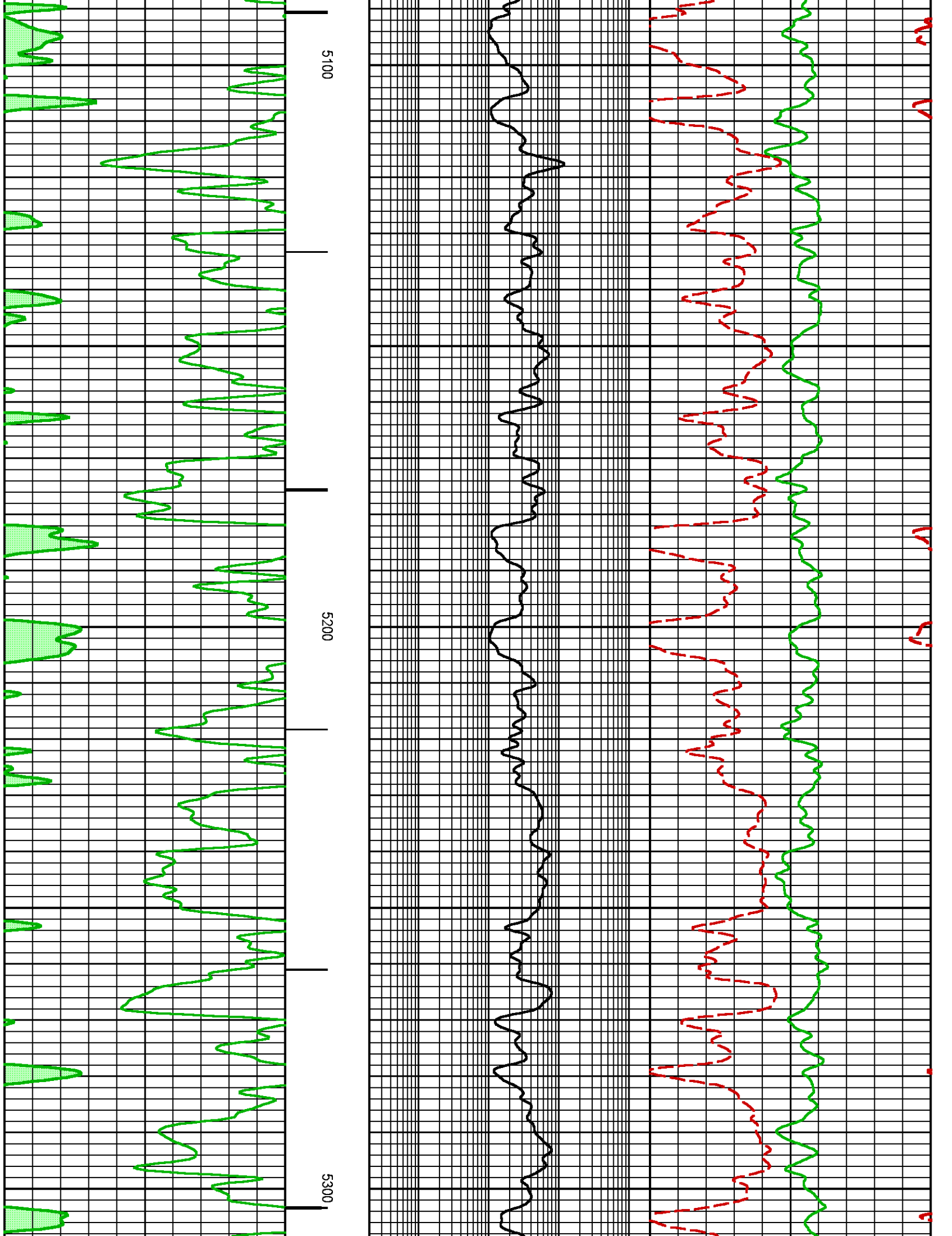
Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape_Projects\laramie_nichols_24_18w\NEO_PRESENTATION_LARAMIE_MAIN.pdf [5"/100' Scale]
Plot Interval : 4450 - 7730 Feet
Data File 1 : F1 : BHI3BKZH12:C:\Ape_Projects\laramie_nichols_24_18w\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : NICHOLS 0994-24-18W
Field : VEGA
File Interval : 2153 - 7730 Feet
OCT : NA

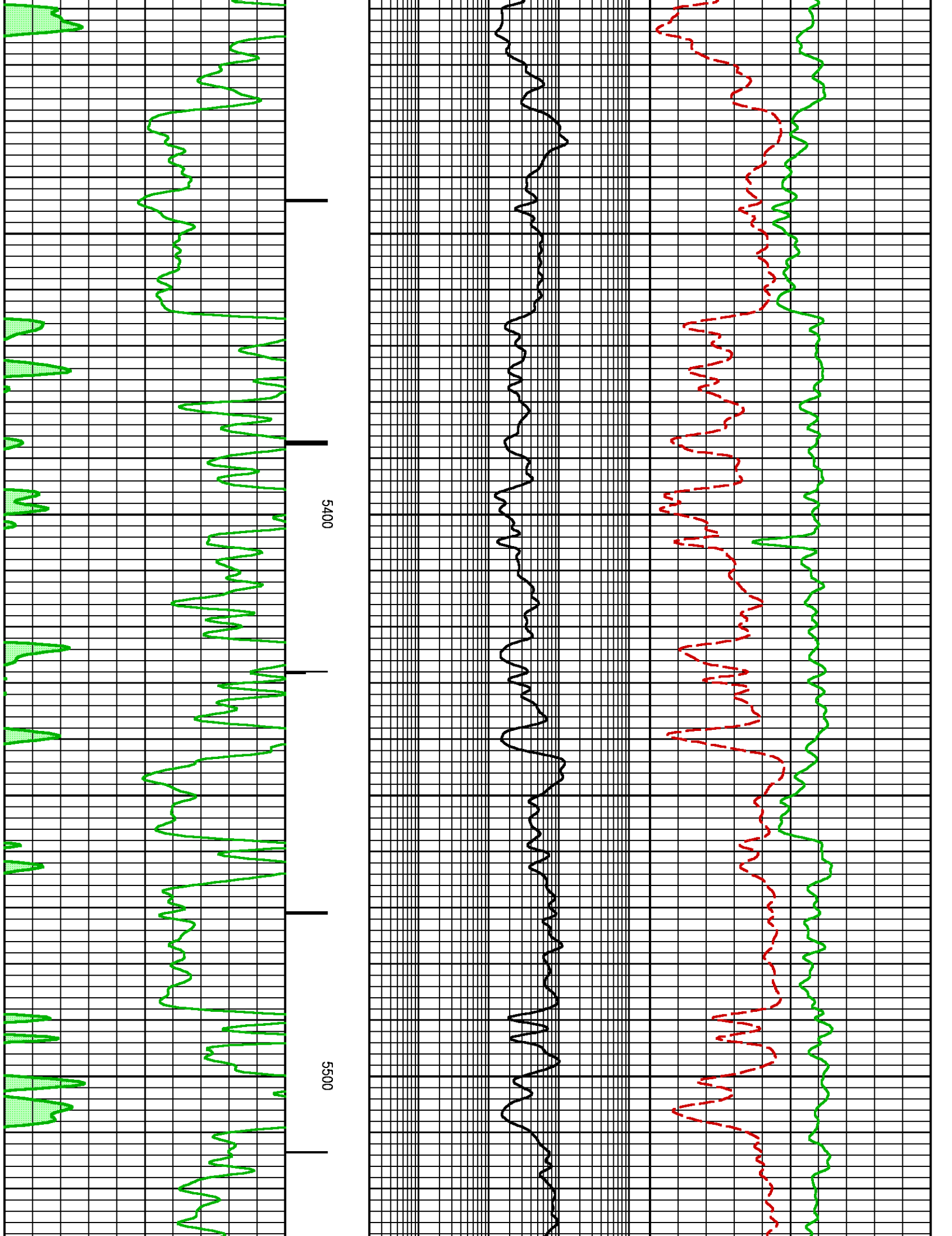


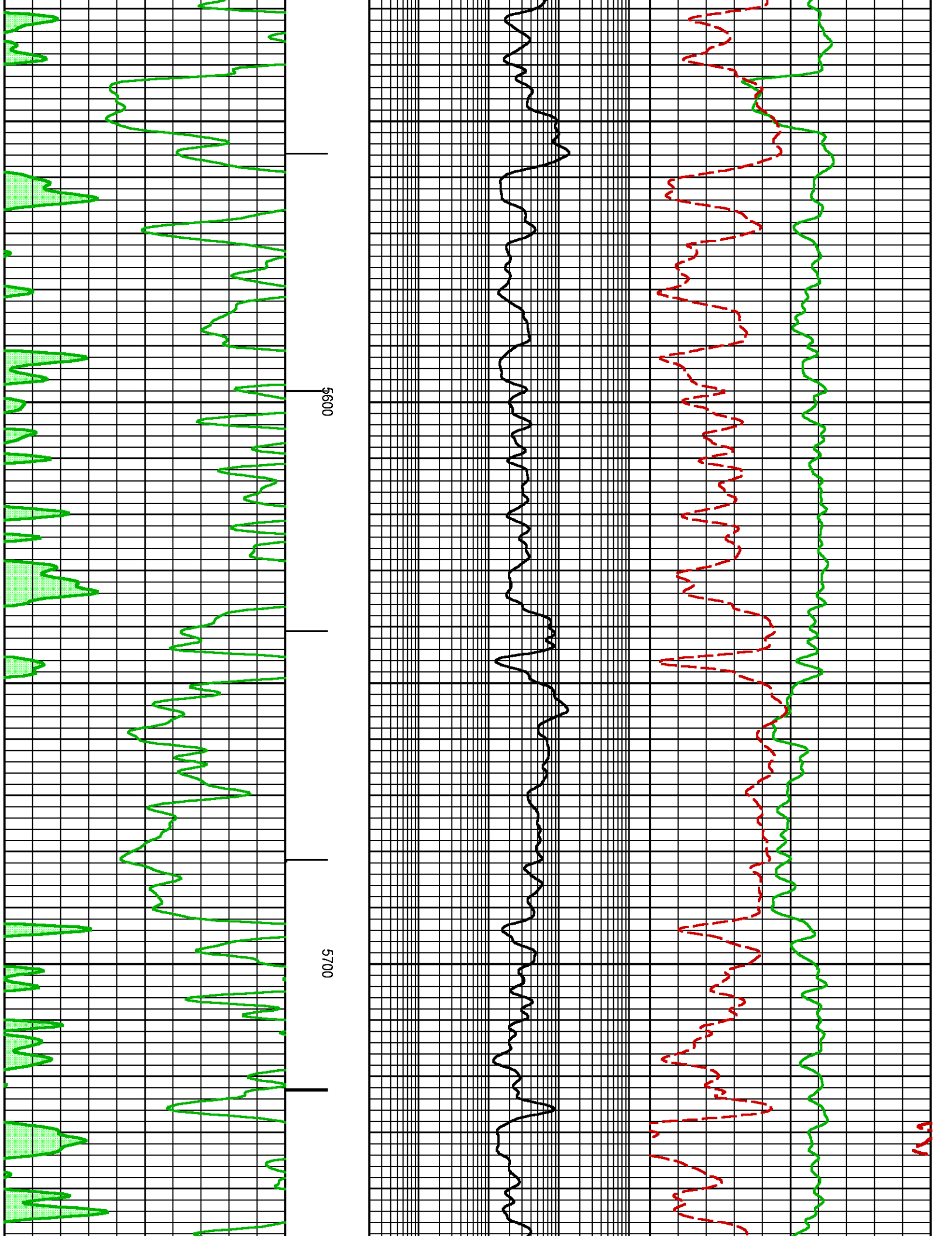


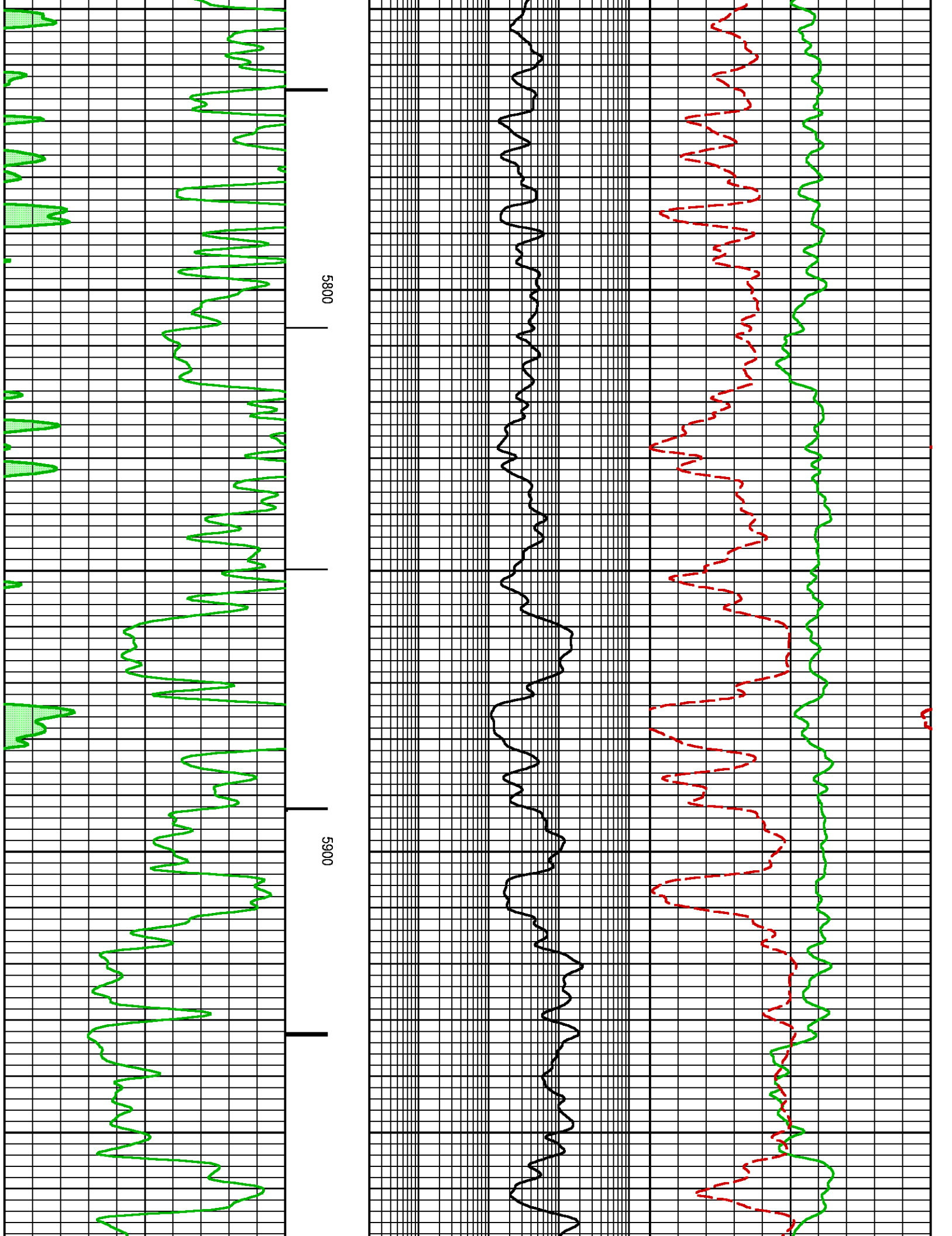


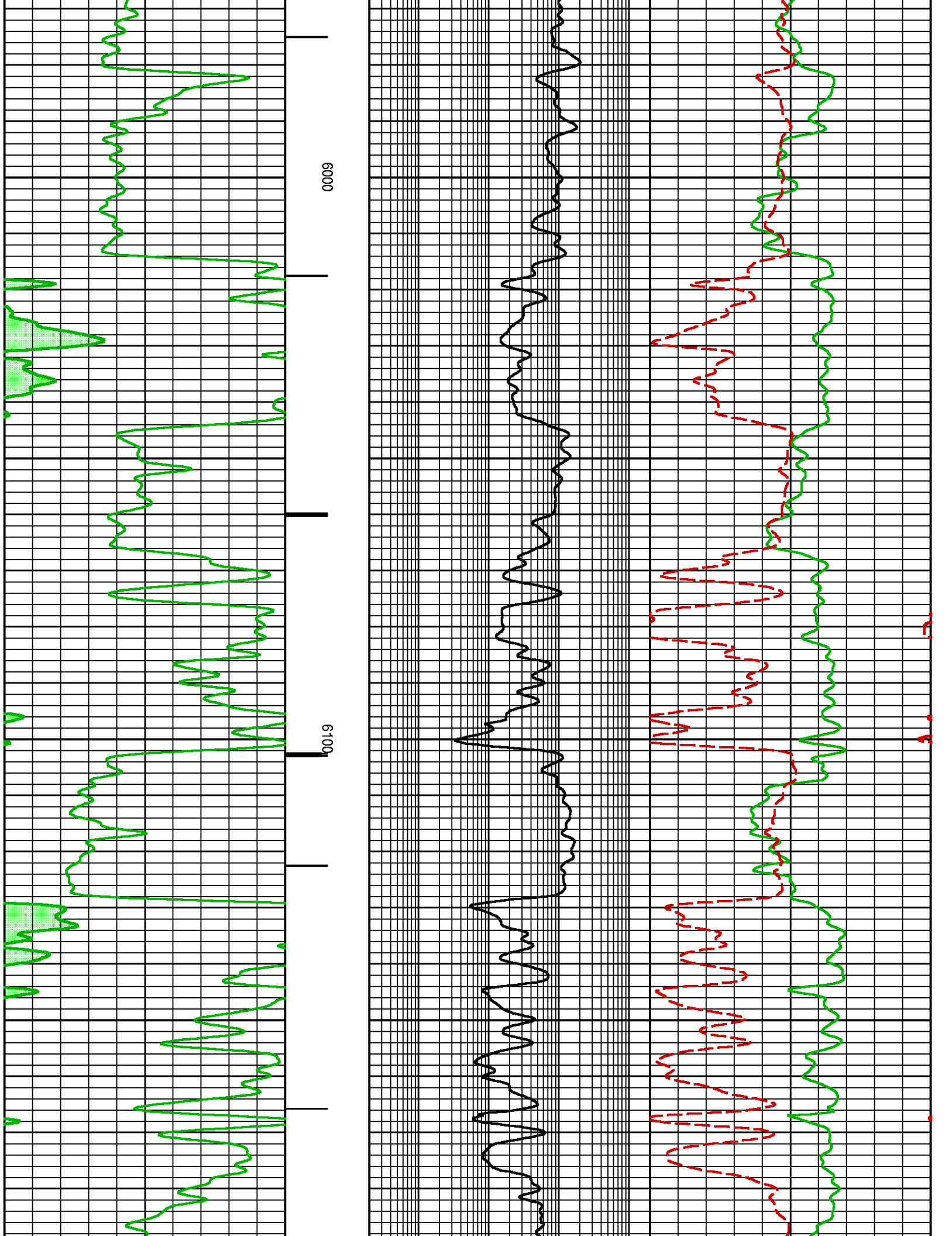


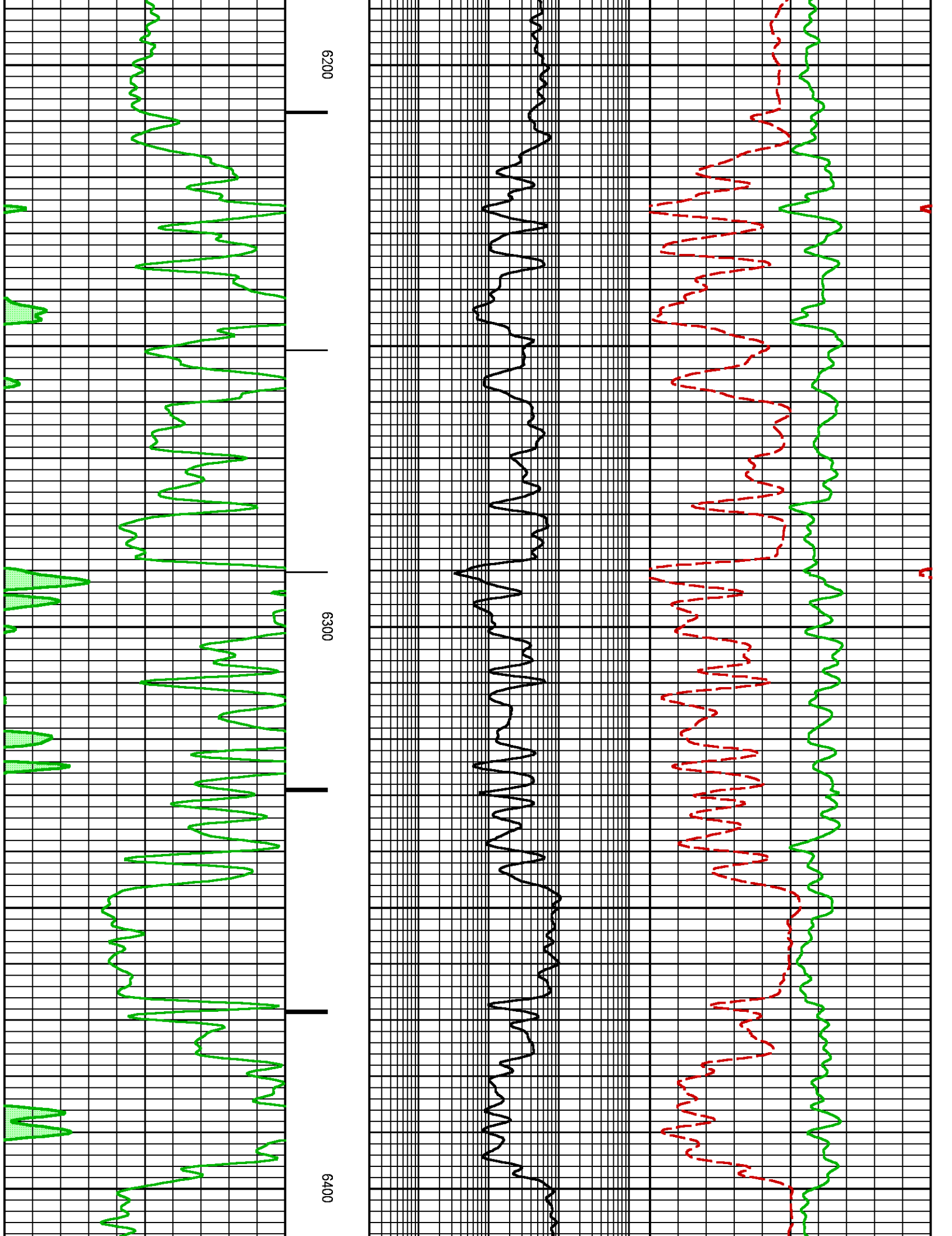


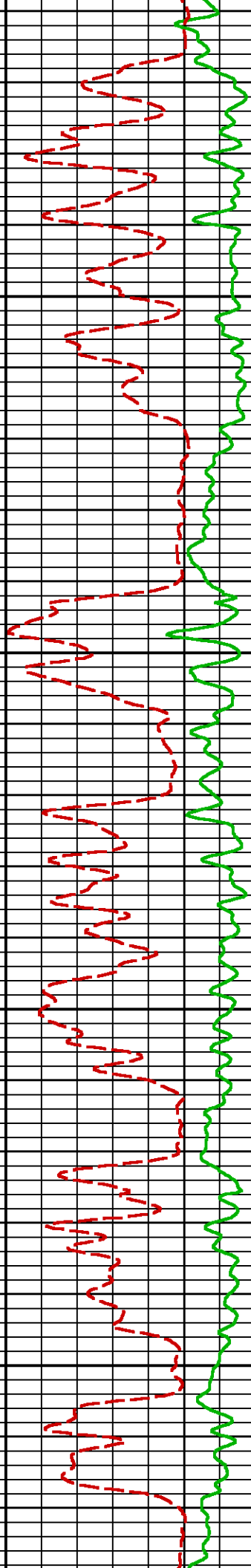
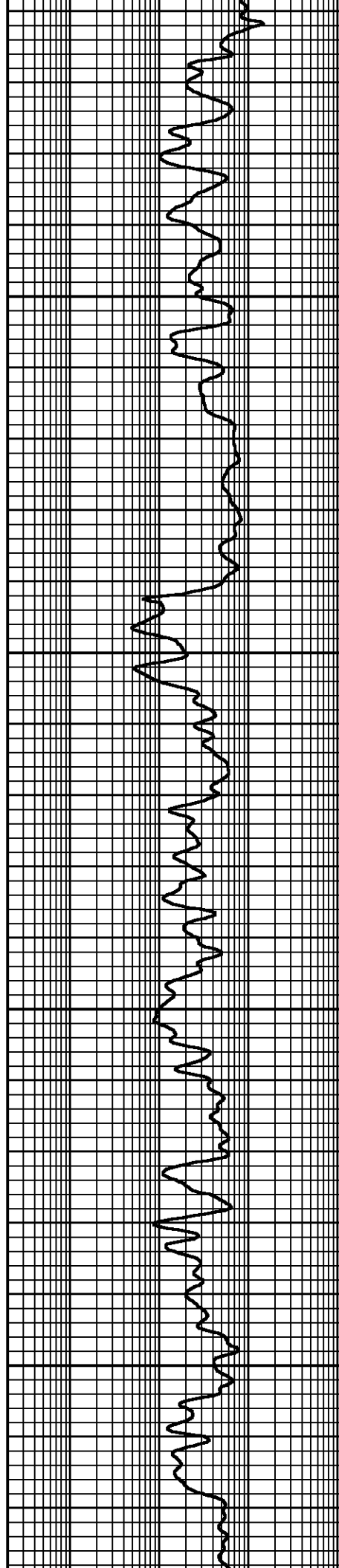
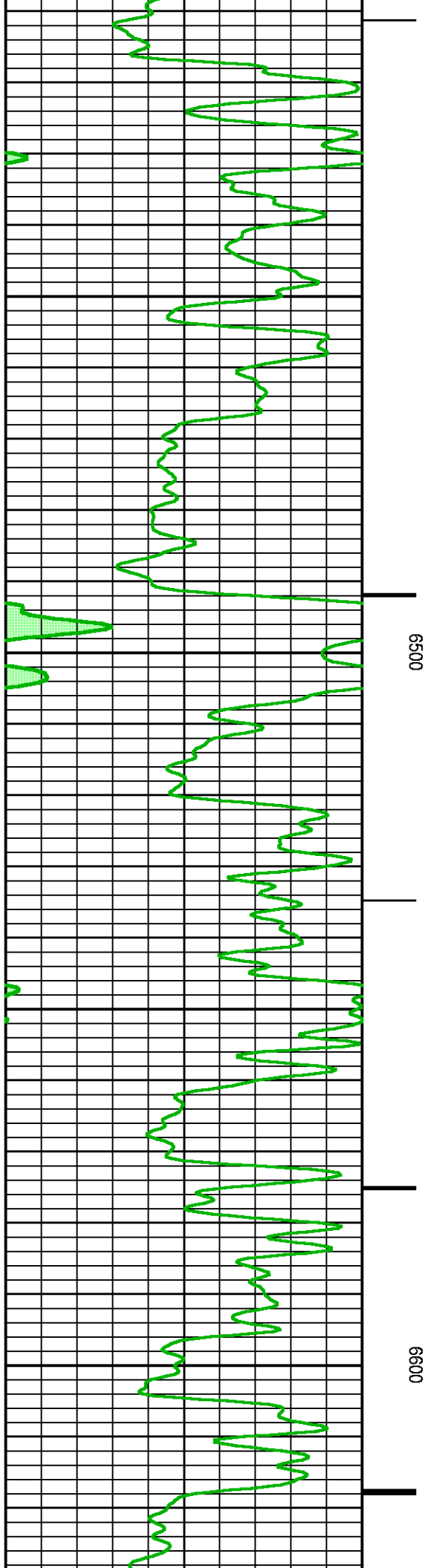


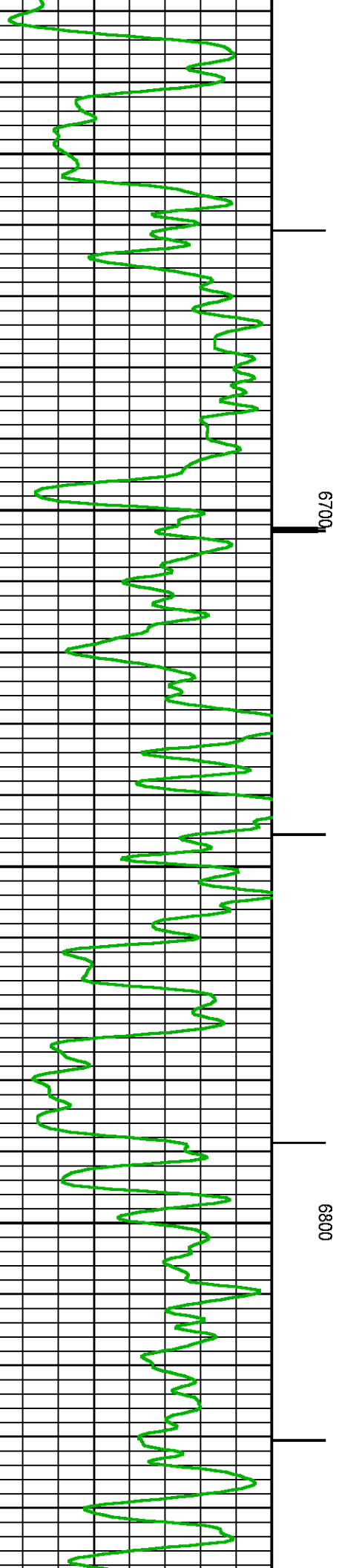
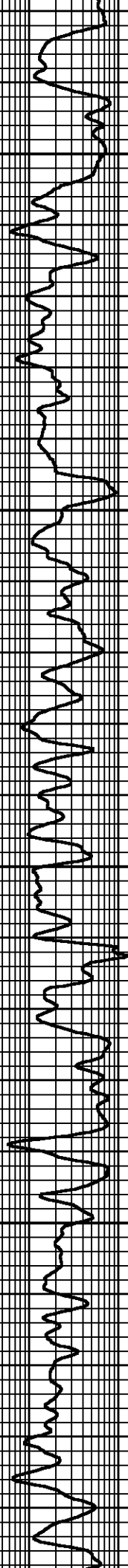
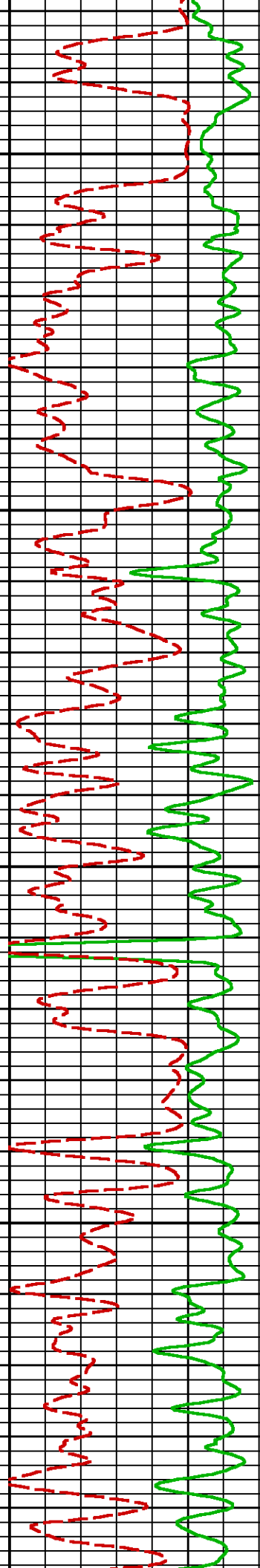


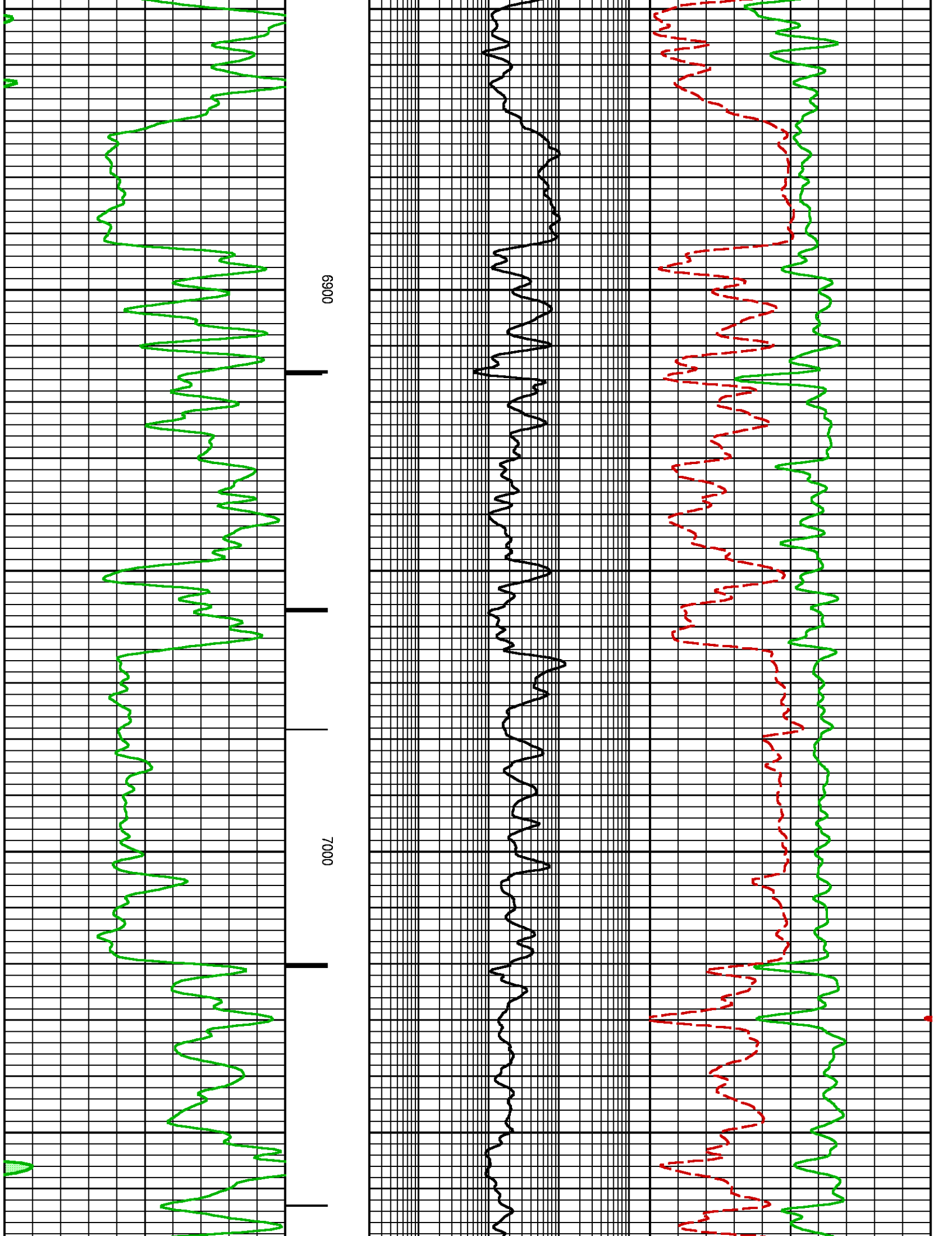


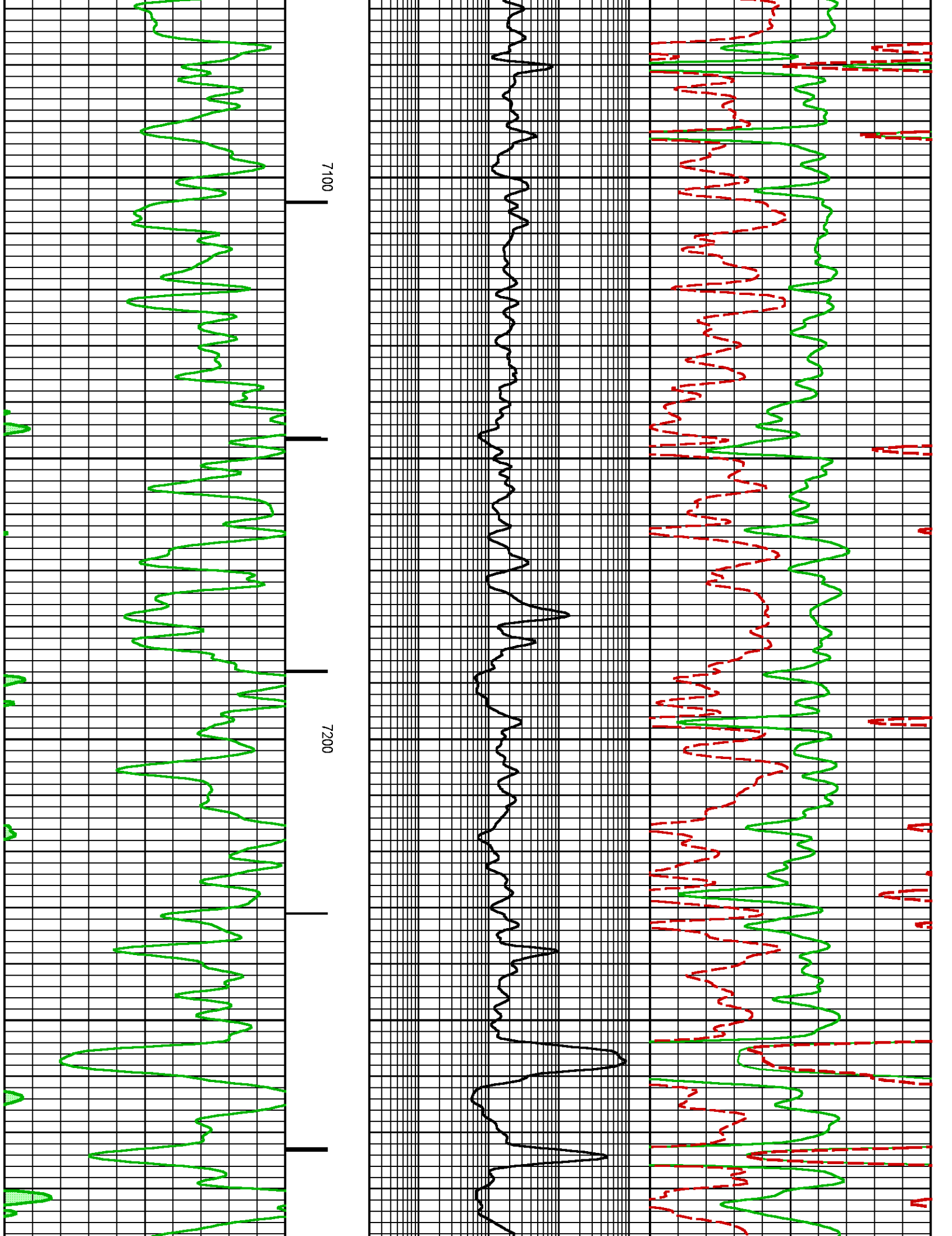


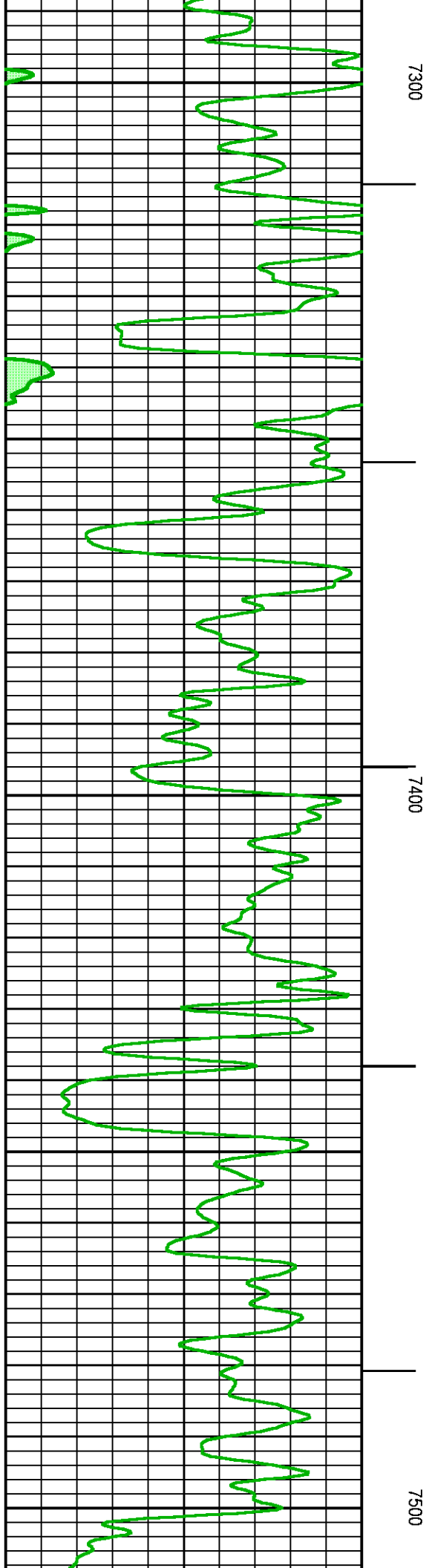
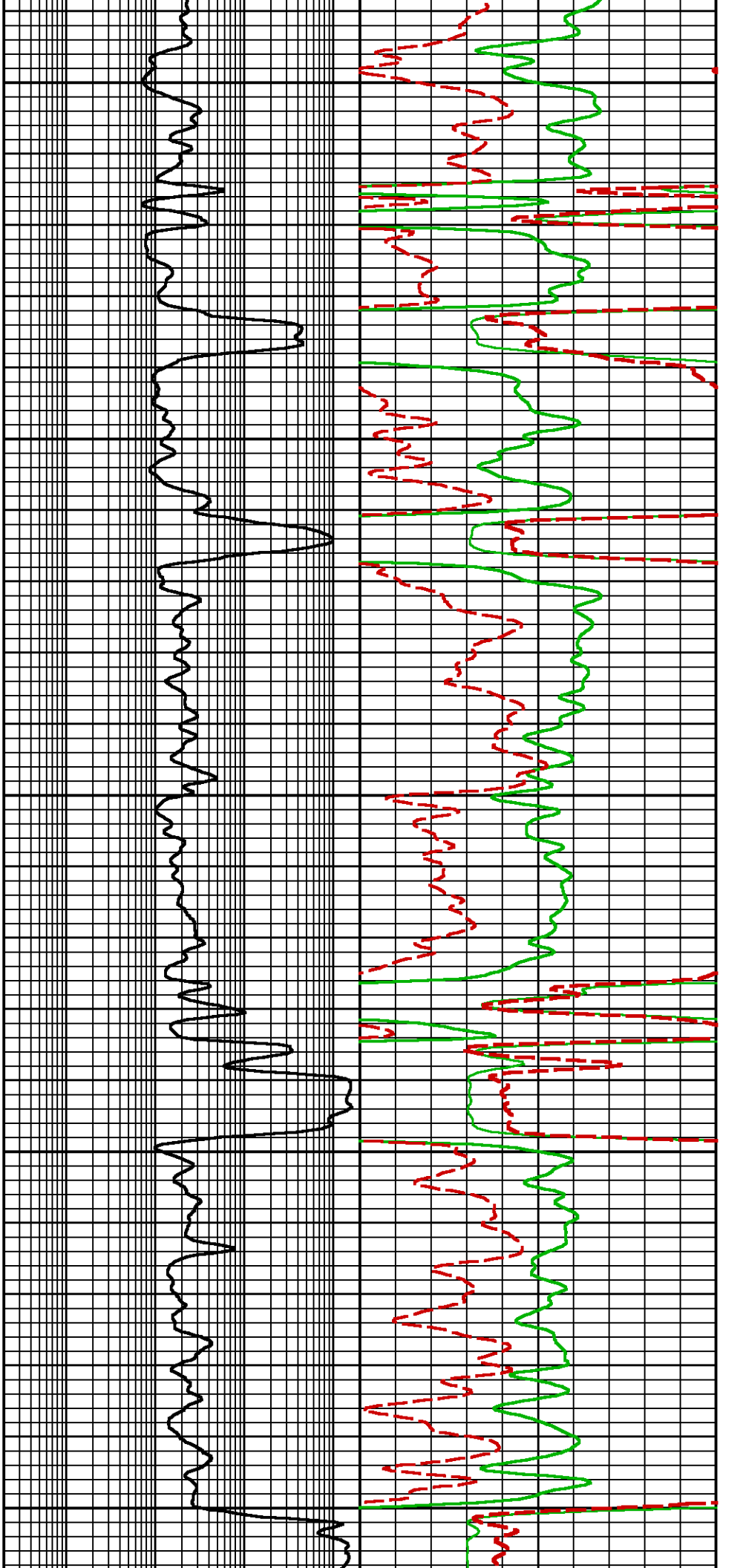


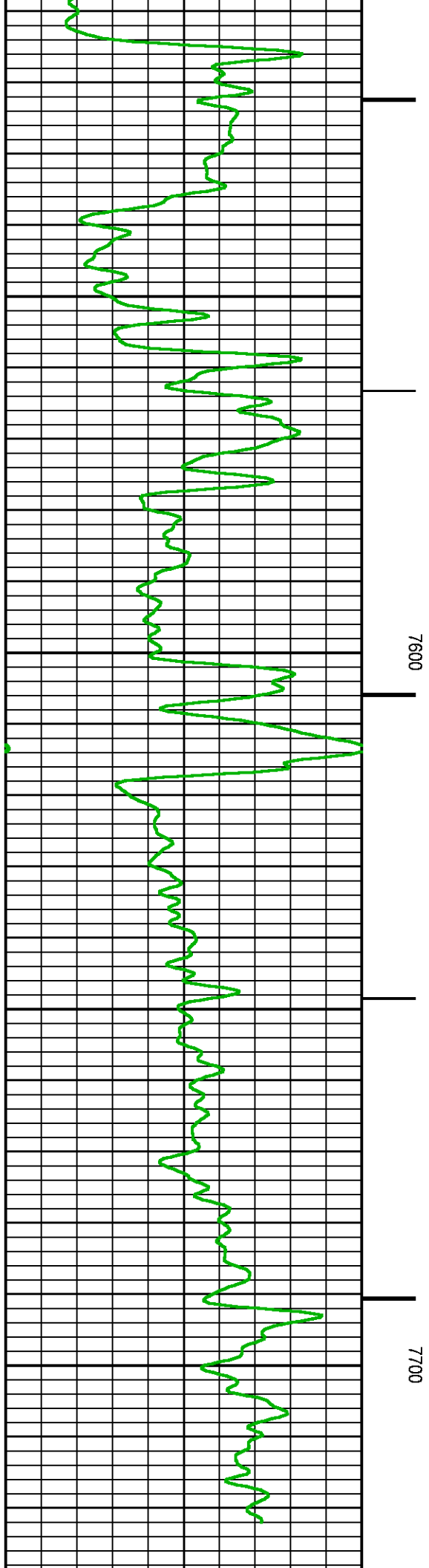
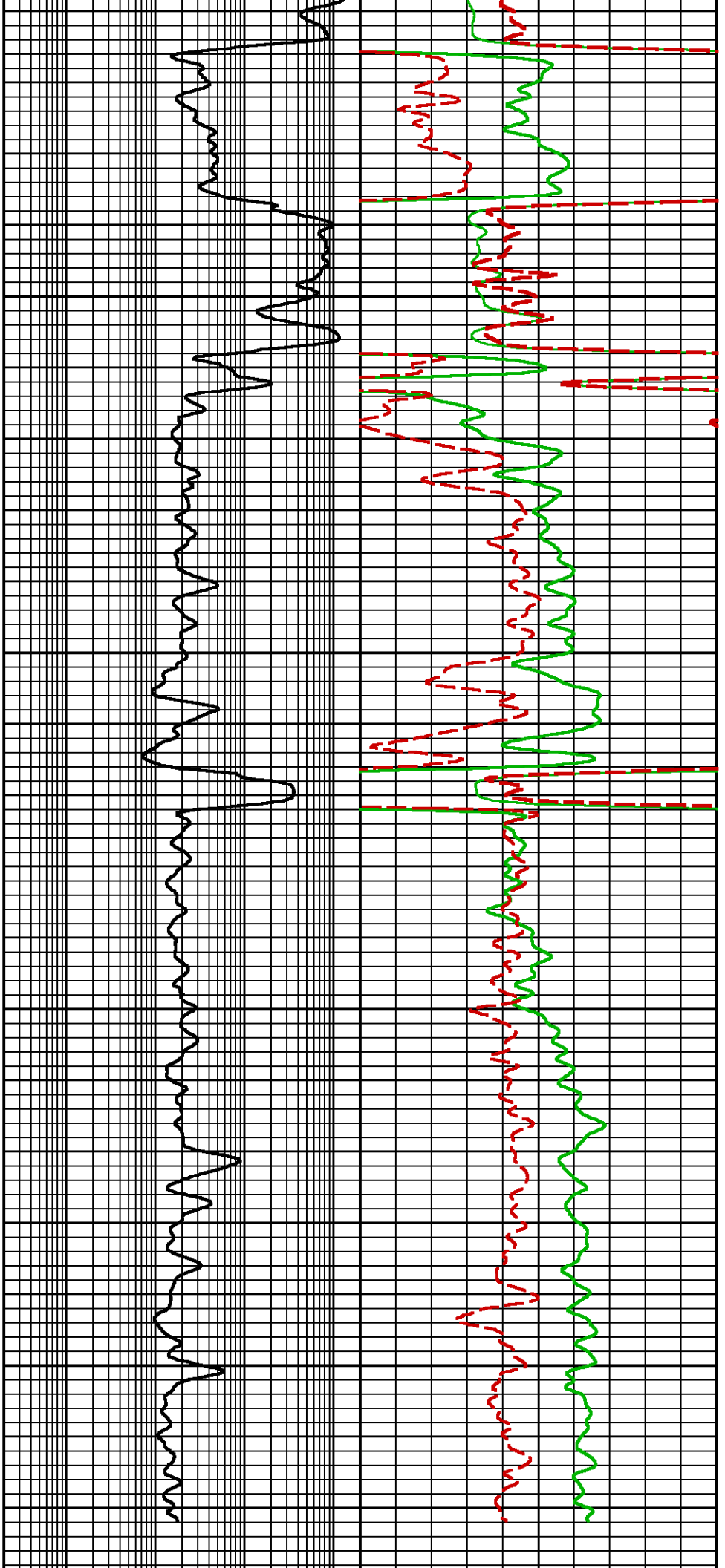



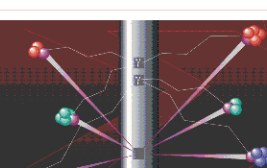










<div><div><div>BAKER HUGHES</div><div>a GE company</div></div><div></div></div>	COMPANY <u>LARAMIE ENERGY LLC</u>		FILE NO: _____
	WELL <u>NICHOLS 0994-24-18W</u>		API NO: _____
<div><div>Pulsed Neutron Formation Evaluation</div><div></div></div>	FIELD <u>VEGA</u>		API NO: <u>05-077-10391-0000</u>
	COUNTY <u>MESA</u>	STATE <u>COLORADO</u>	
	LOCATION: SEE REMARKS		ELEVATIONS: KB <u>7236 FT</u> DF _____ GL <u>7212 FT</u>
SEC <u>24</u> TWP <u>9S</u> RGE <u>94W</u>		DATE <u>12-JUL-2018</u>	