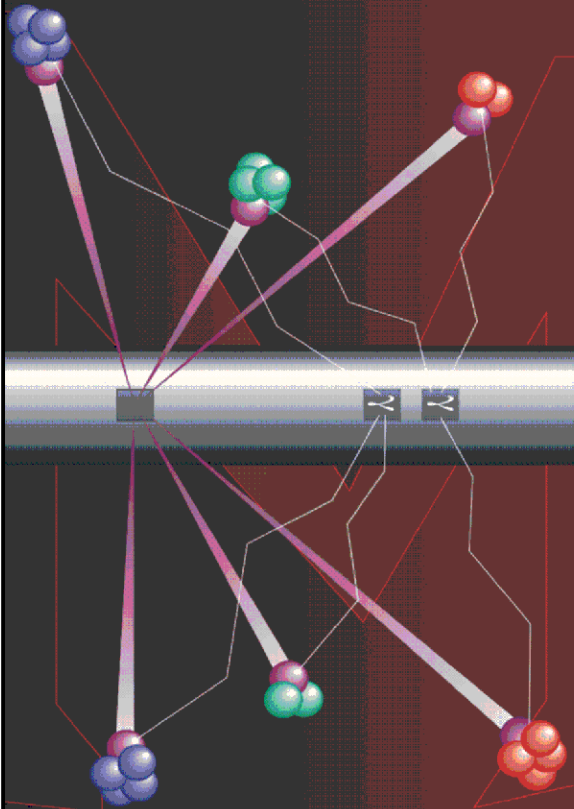


# Pulsed Neutron Formation Evaluation



## RESERVOIR PERFORMANCE MONITOR NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY II, LLC

WELL NICHOLS 0994-24-01W

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS

SEC 24 TWP 9S RGE 94W

ELEVATIONS:

KB 7161 FT DF GL 7137 FT

DATE 20-MAR-2018 ECC 133005

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>20-MAR-2018</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>	ENGINEER: <u>R. ZUNIGA</u>	DATE: <u>15-MAR-2018</u>

FROM	TO								
<u>2321 FT</u>	<u>7660 FT</u>								

### REMARKS

LOCATION: SHL: 1786' FNL & 2789' FEL  
BHL: 118' FNL & 1539' FEL

TRAINING WELL:  
NICHOLS 24-06W

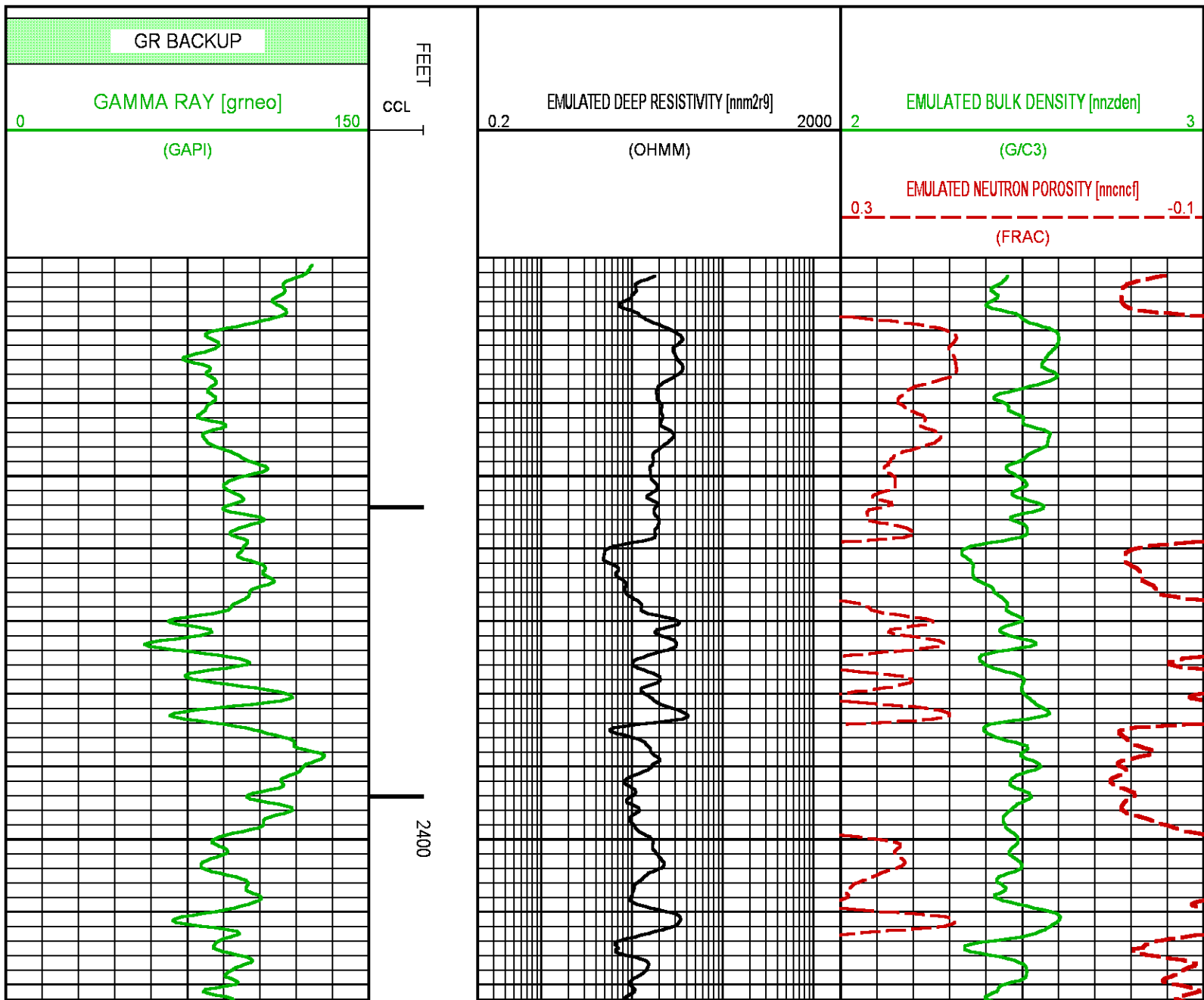
ANY ERRORS IN THE TRAINING WELL OPENHOLE DATA CAN PERETUATE THROUGH AS ERROR IN THE EMULATED RESULTS

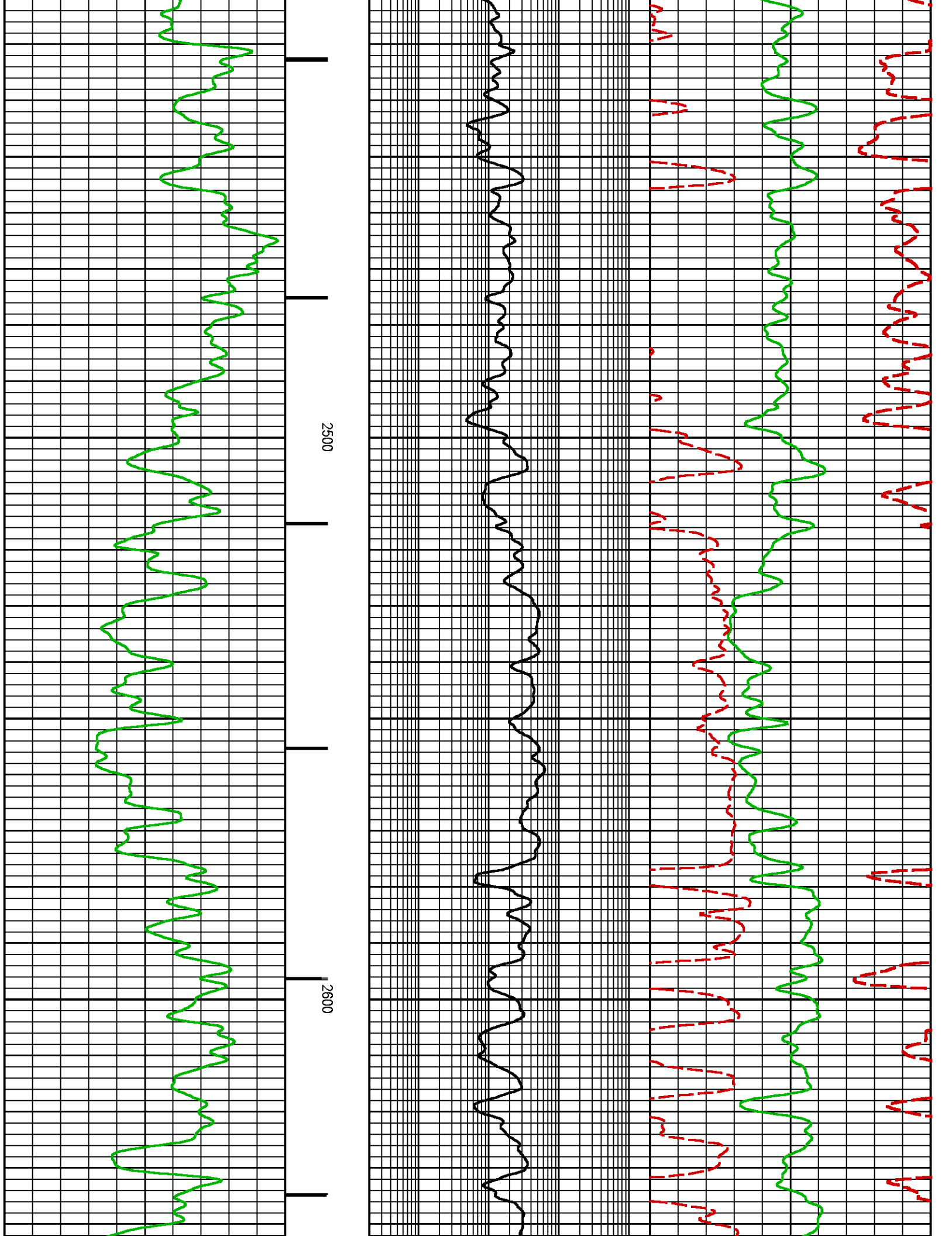
BOND LOG IS DEPTH REFERENCE LOG

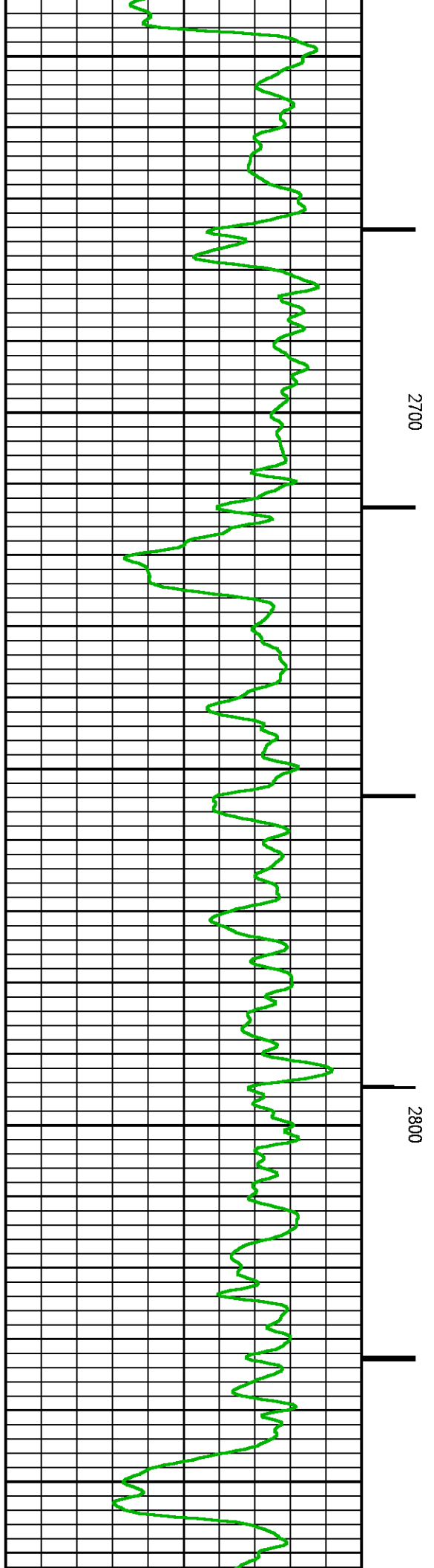
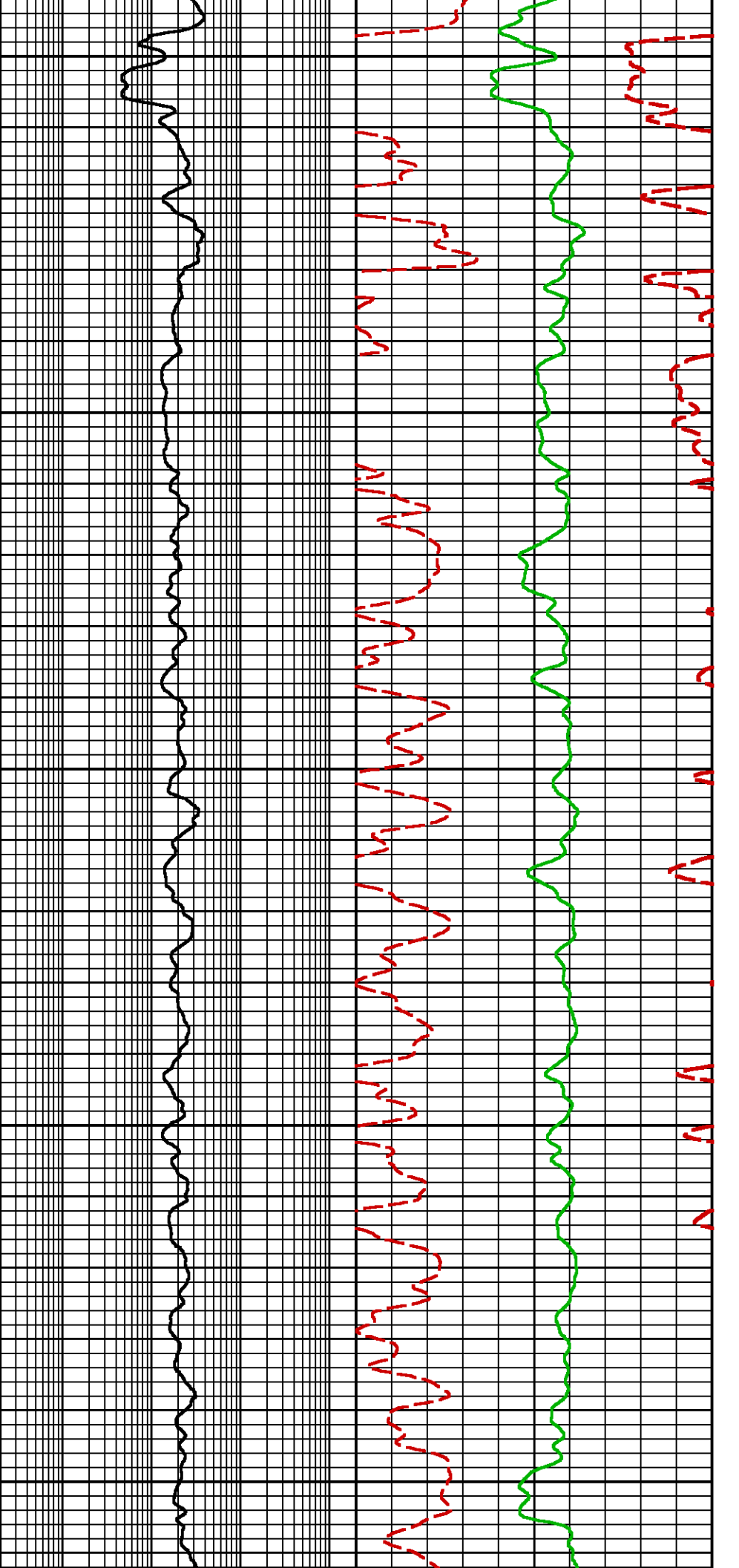
## NEO RESULTS FOR NICHOLS 24-01W (G-SAND)

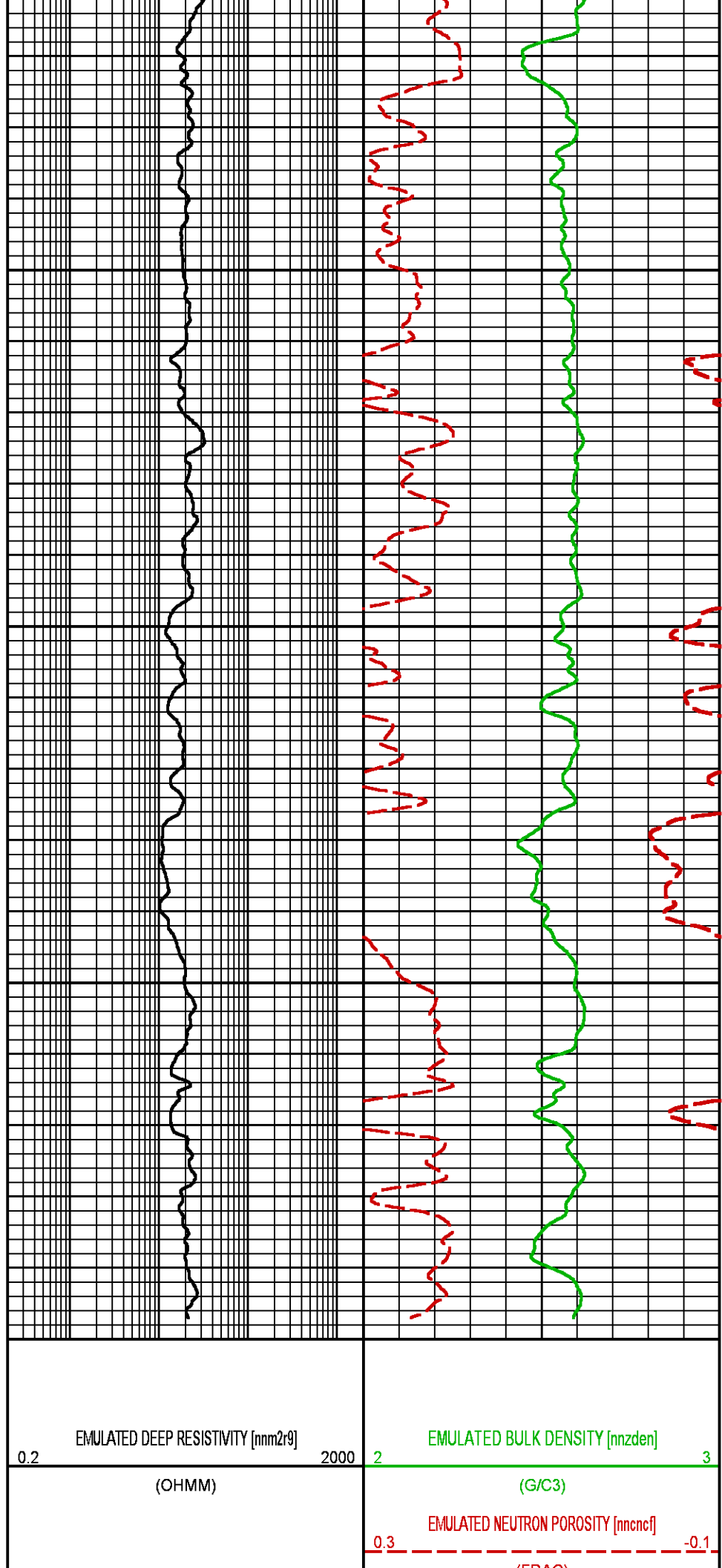
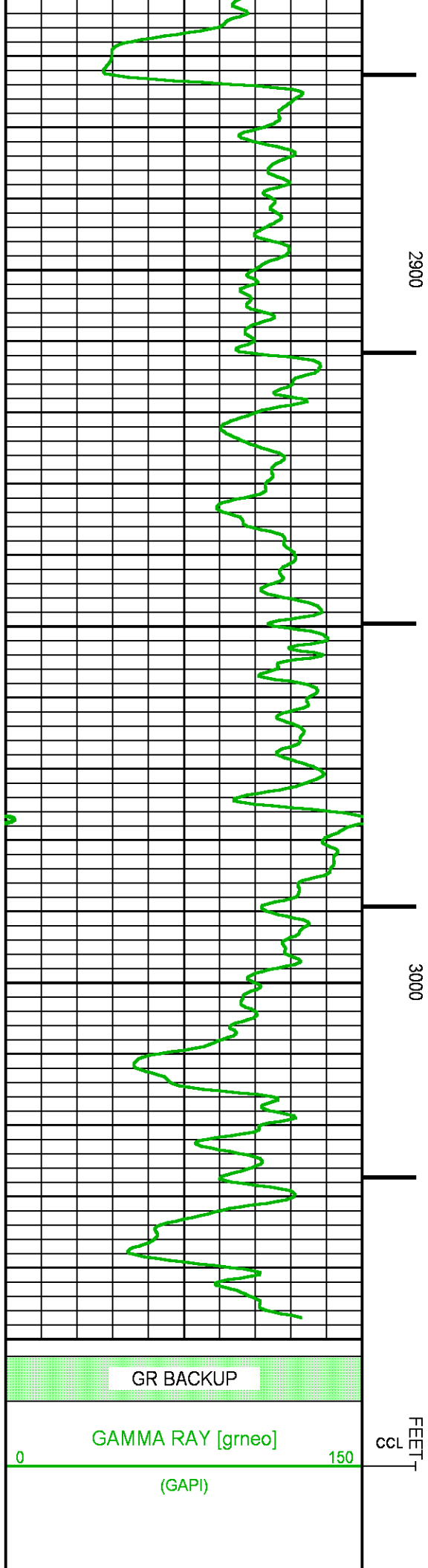
Project : NA  
User : ellskima  
Presentation : BHI3BKZH12:C:\Ape\_Projects\laramie\_nichols\_24\_01w\NEO\_PRESENTATION\_LARAMIE\_G-Sand.pdf [5"/100' Scale]  
Plot Interval : 2321 - 3050 Feet

Data File 1 : F1 : BHI3BKZH12:C:\Ape\_Projects\laramie\_nichols\_24\_01w\Merged\_Set\_Final.xtf  
Created On : N/A  
Company : LARAMIE ENERGY II LLC  
Well : NICHOLS 0994-24-01W  
Field : VEGA  
File Interval : 2321 - 7660 Feet  
OCT : NA





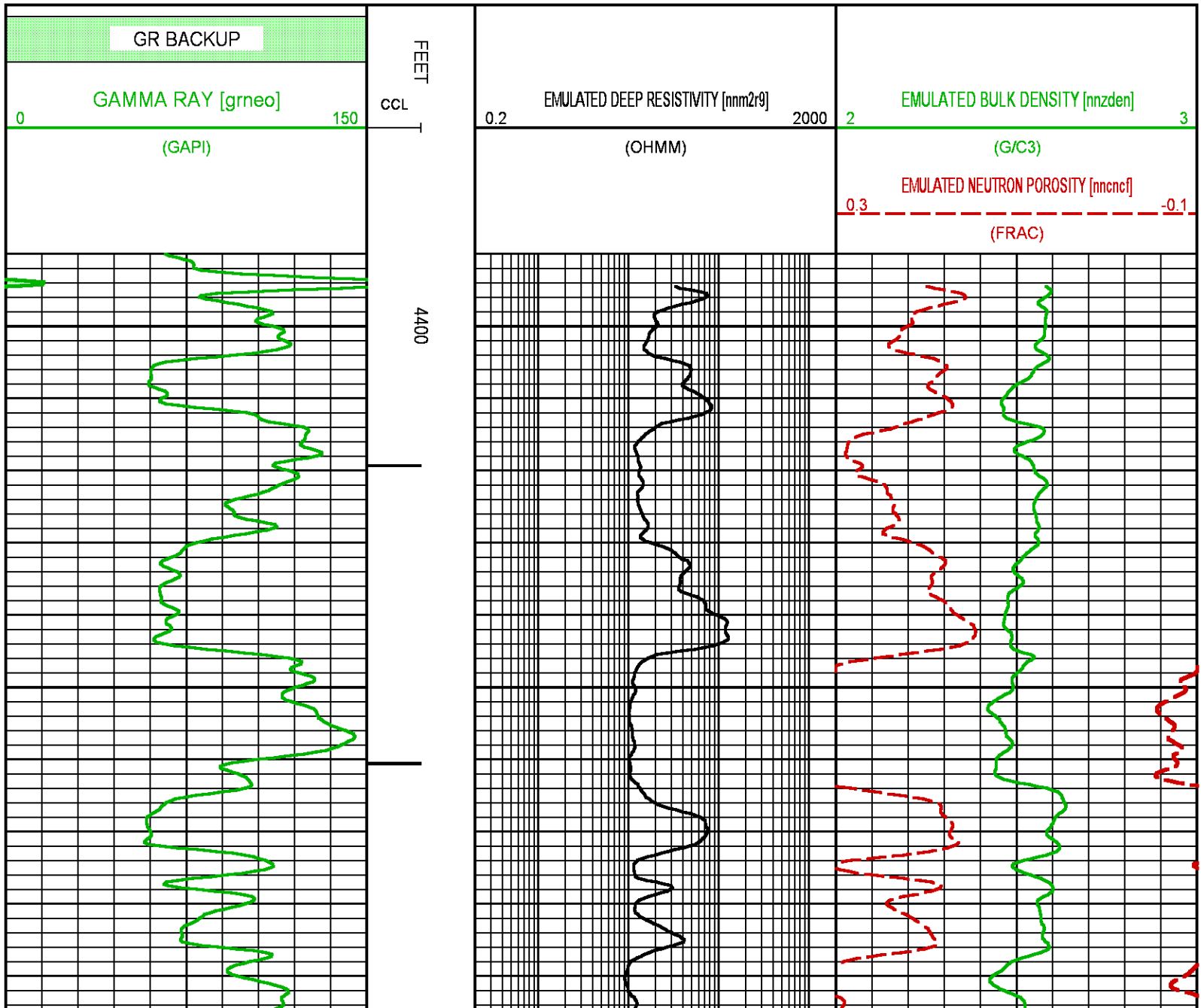


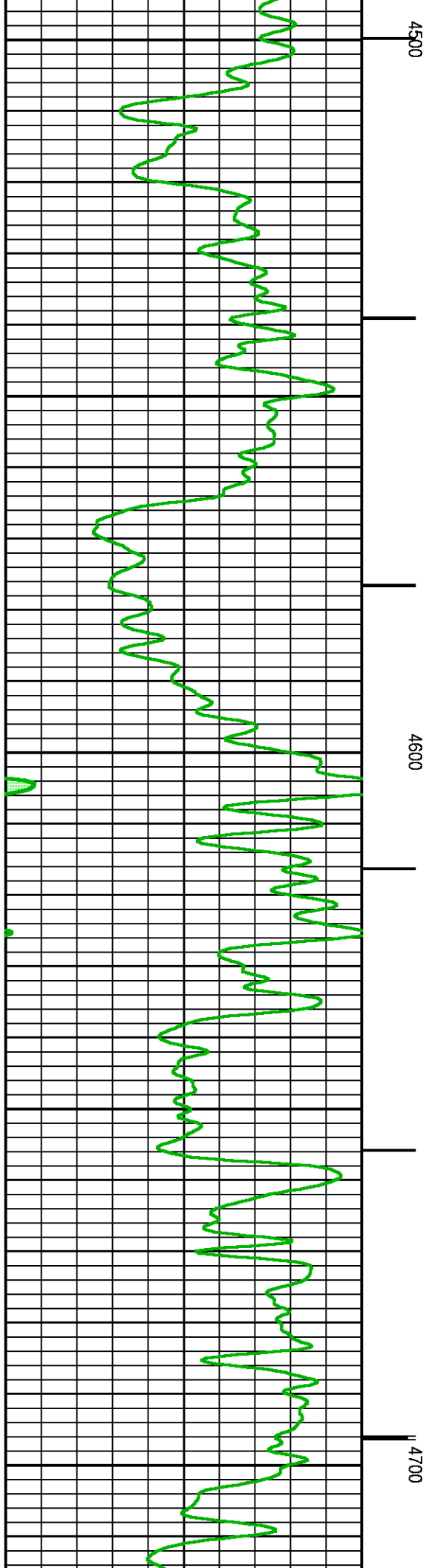
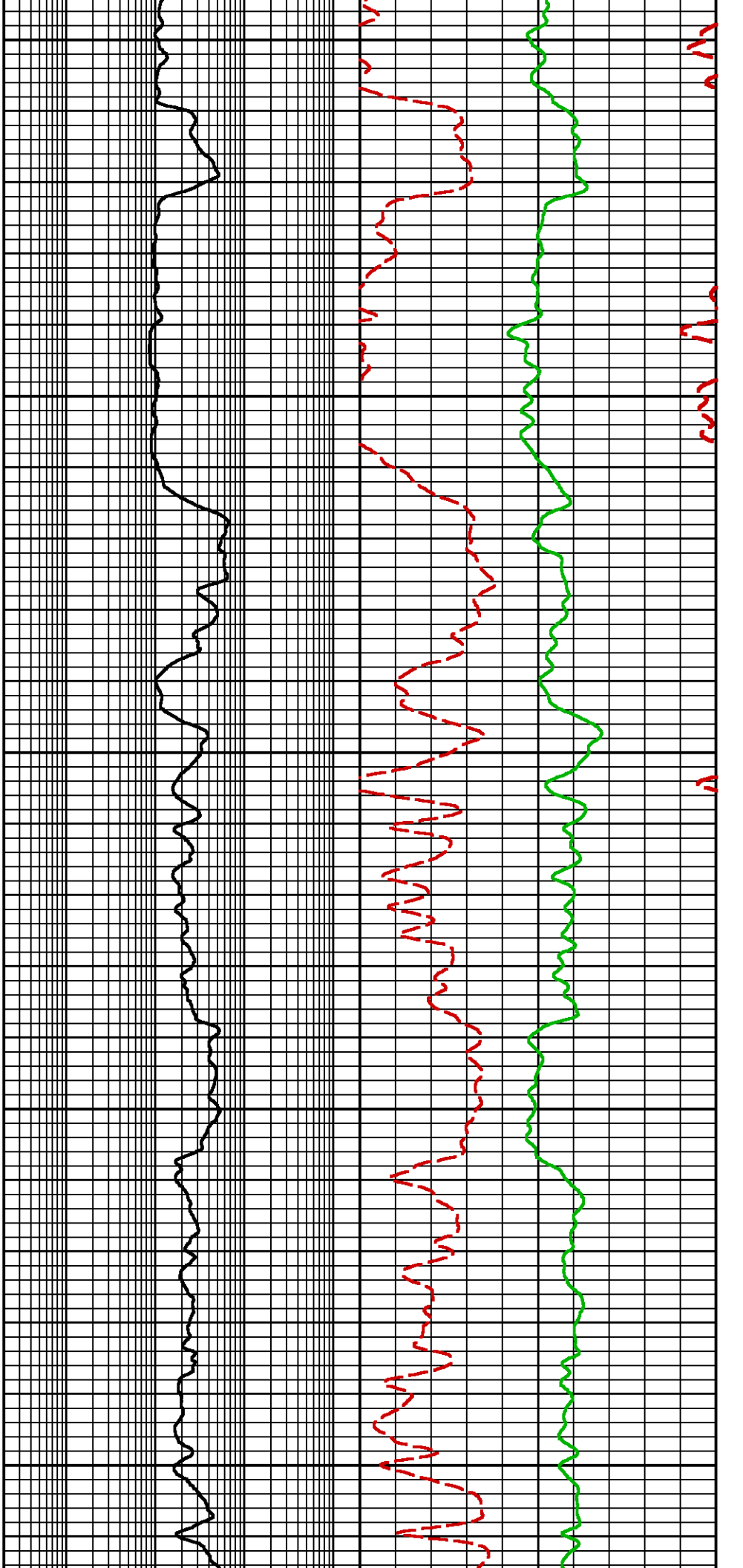


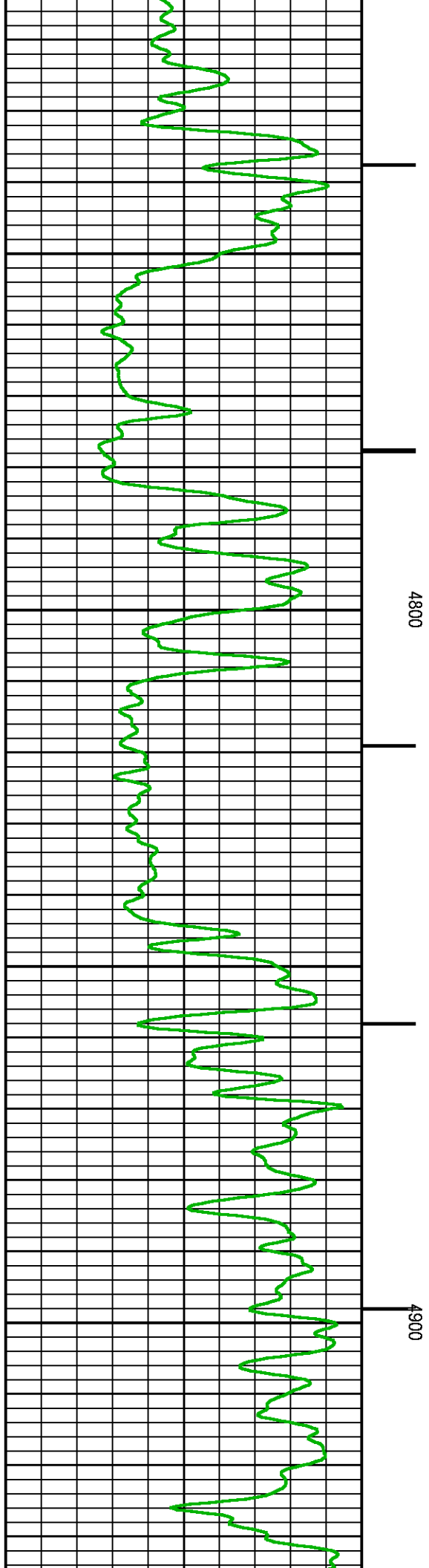
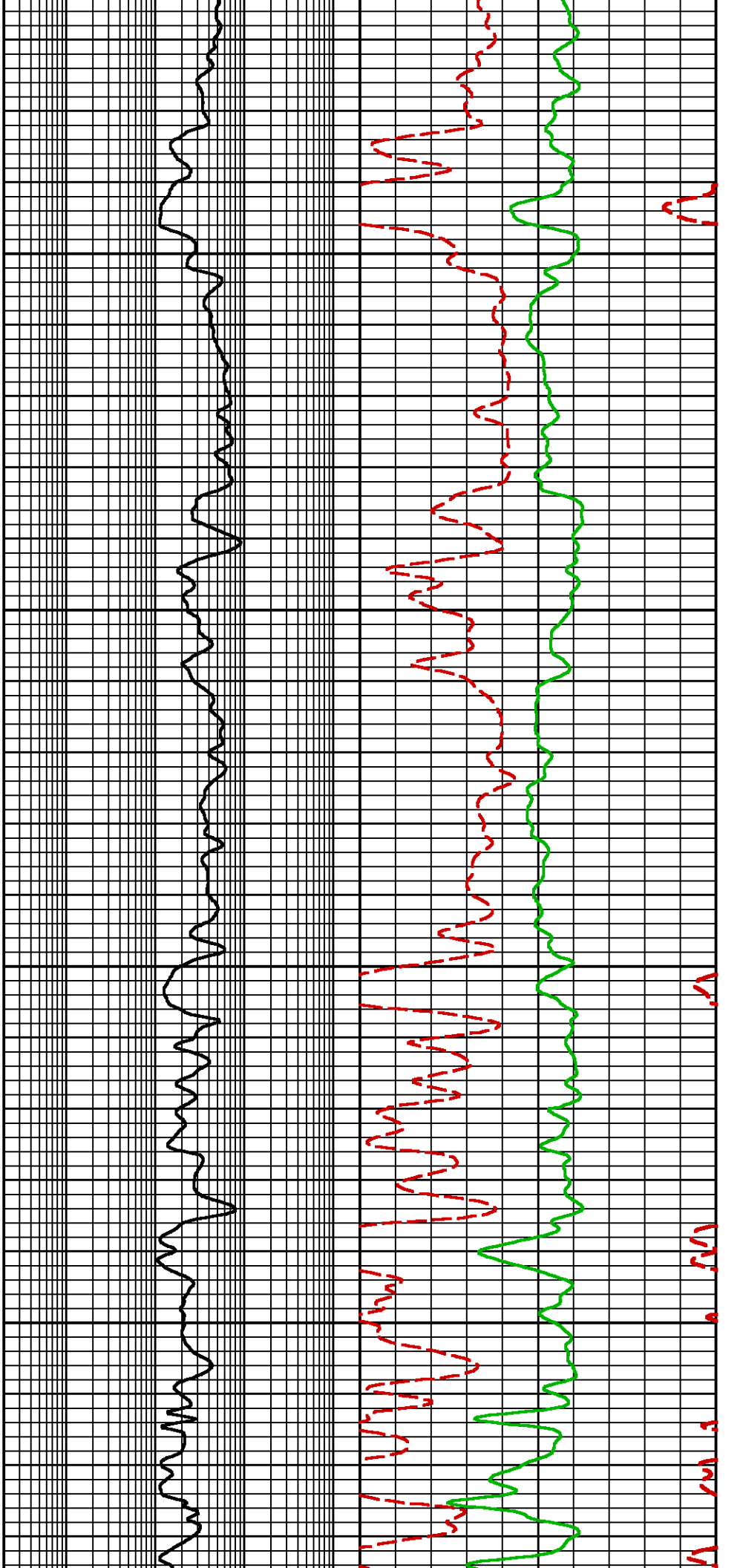
(FRAC)

## NEO RESULTS FOR NICHOLS 24-01W (MAIN)

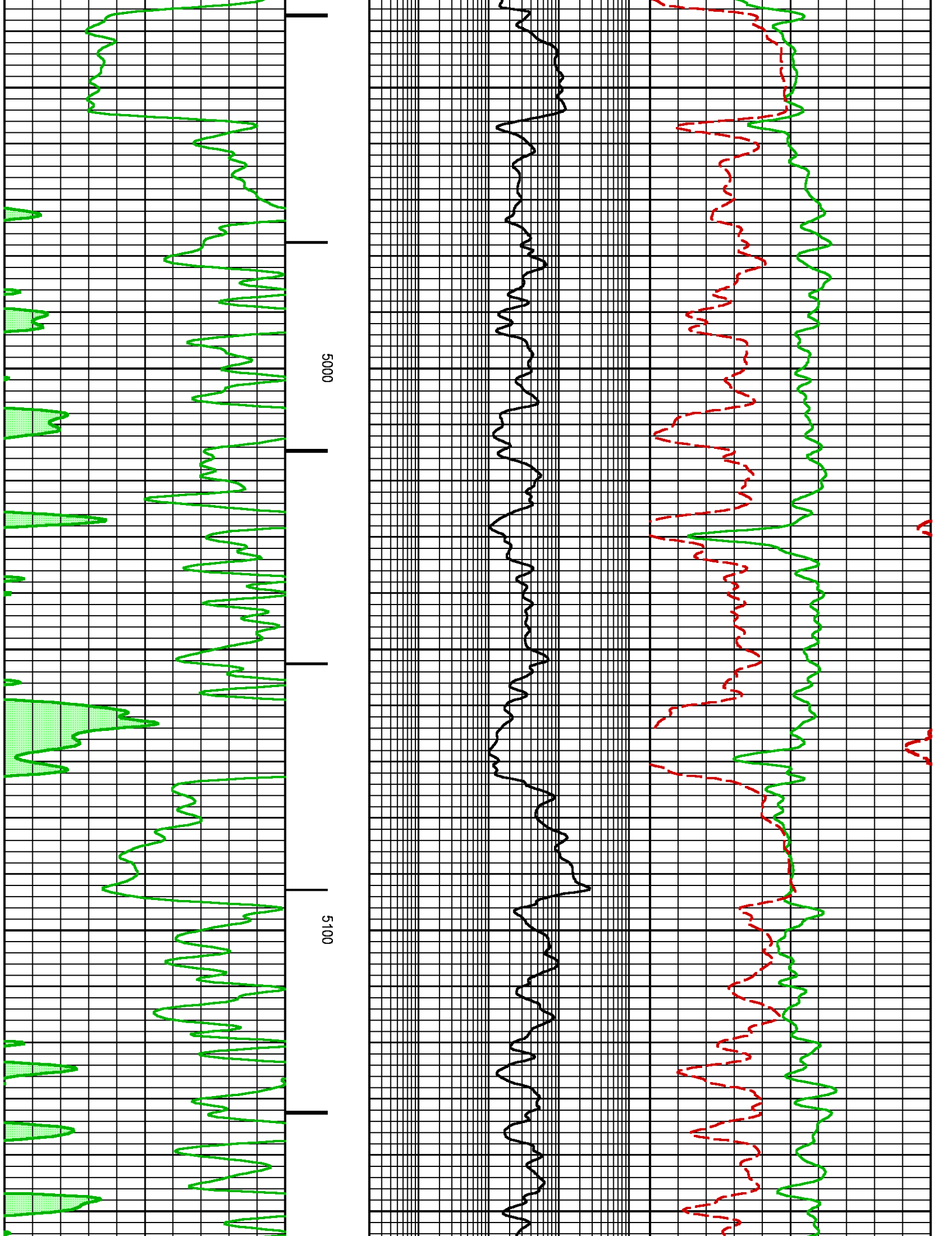
Project : NA  
User : ellskima  
Presentation : BHI3BKZH12:C:\Ape\_Projects\laramie\_nichols\_24\_01w\NEO\_PRESENTATION\_LARAMIE\_MAIN.pdf [5"/100" Scale]  
Plot Interval : 4390 - 7660 Feet  
Data File 1 : F1 : BHI3BKZH12:C:\Ape\_Projects\laramie\_nichols\_24\_01w\Merged\_Set\_Final.xtf  
Created On : N/A  
Company : LARAMIE ENERGY II LLC  
Well : NICHOLS 0994-24-01W  
Field : VEGA  
File Interval : 2321 - 7660 Feet  
OCT : NA

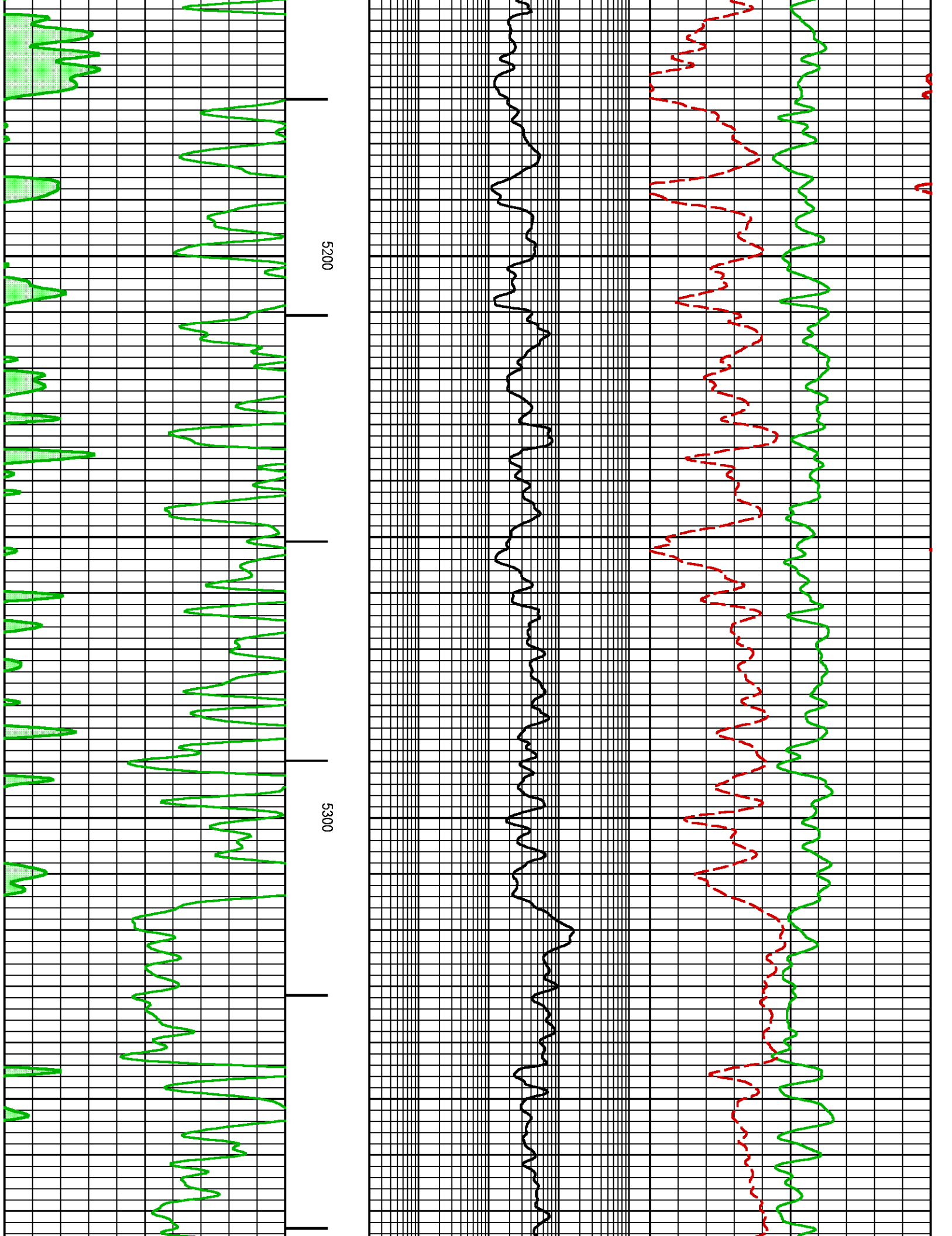


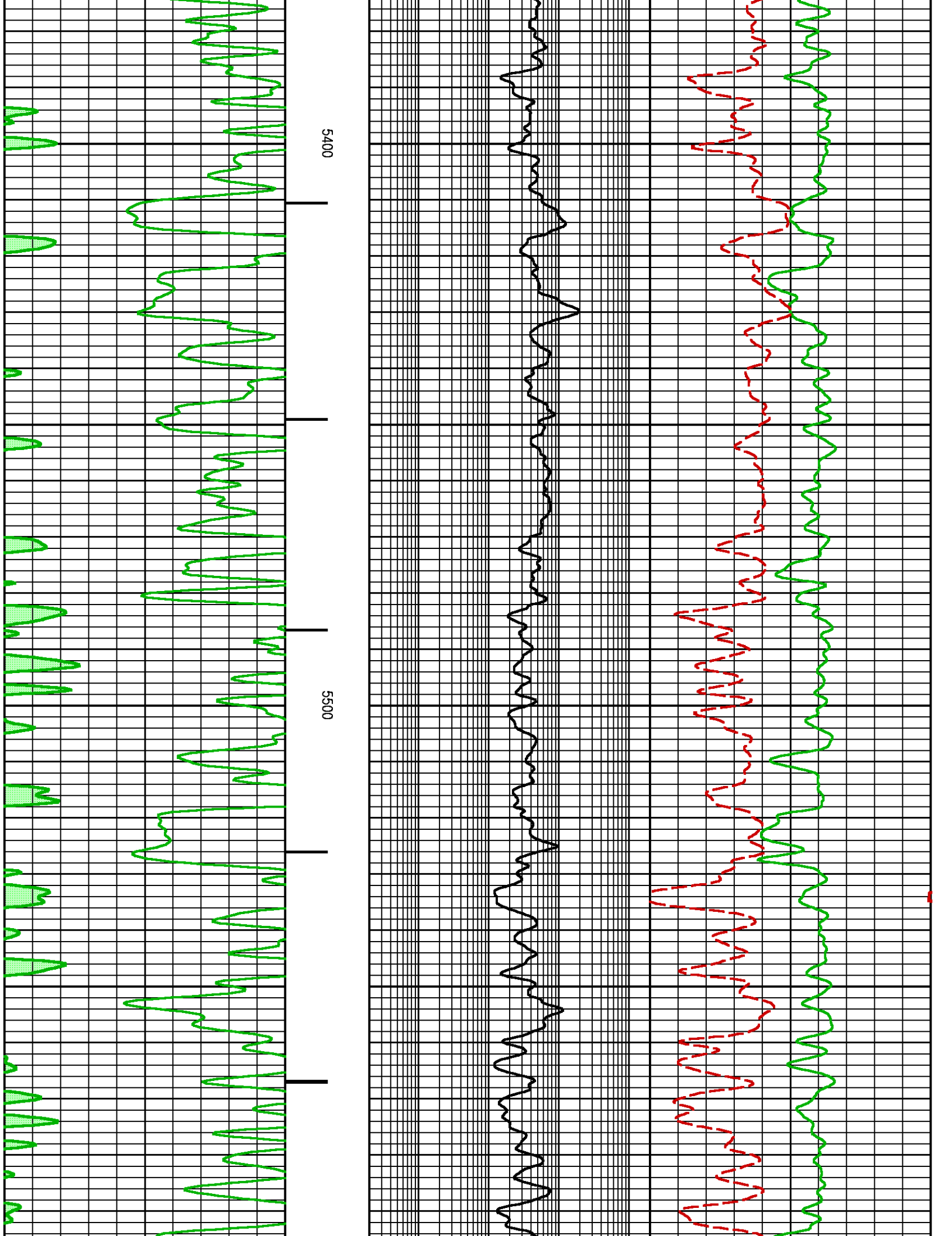


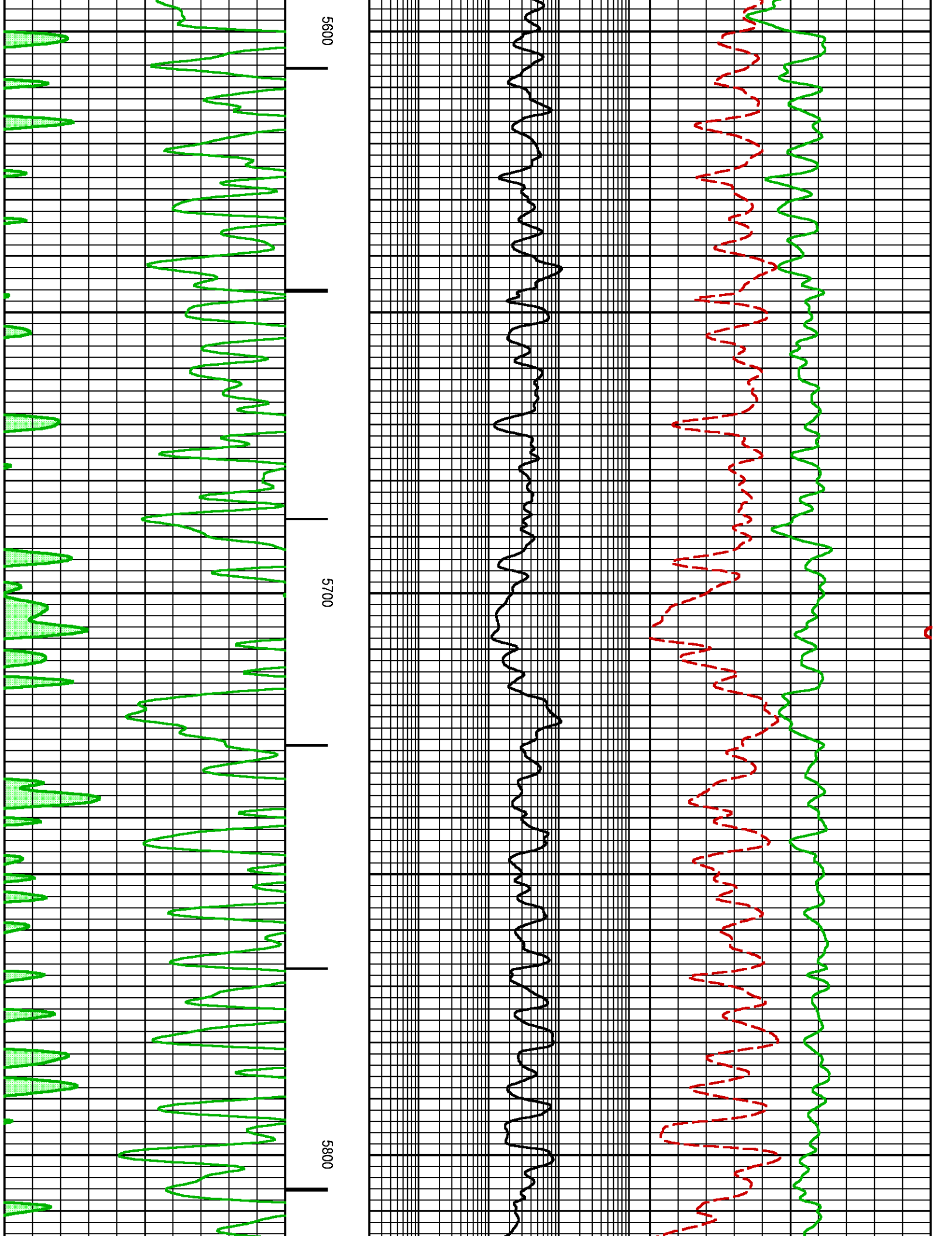


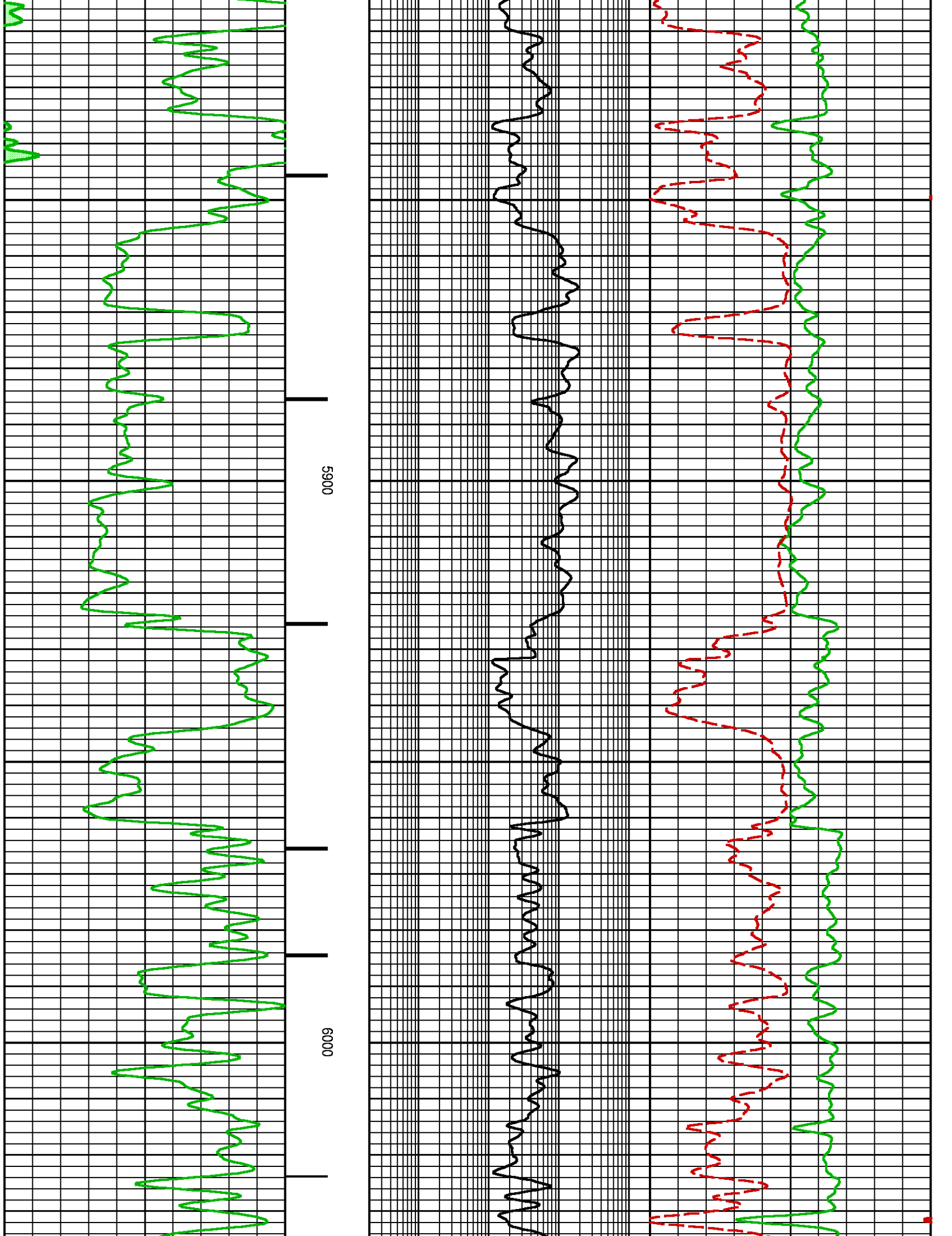


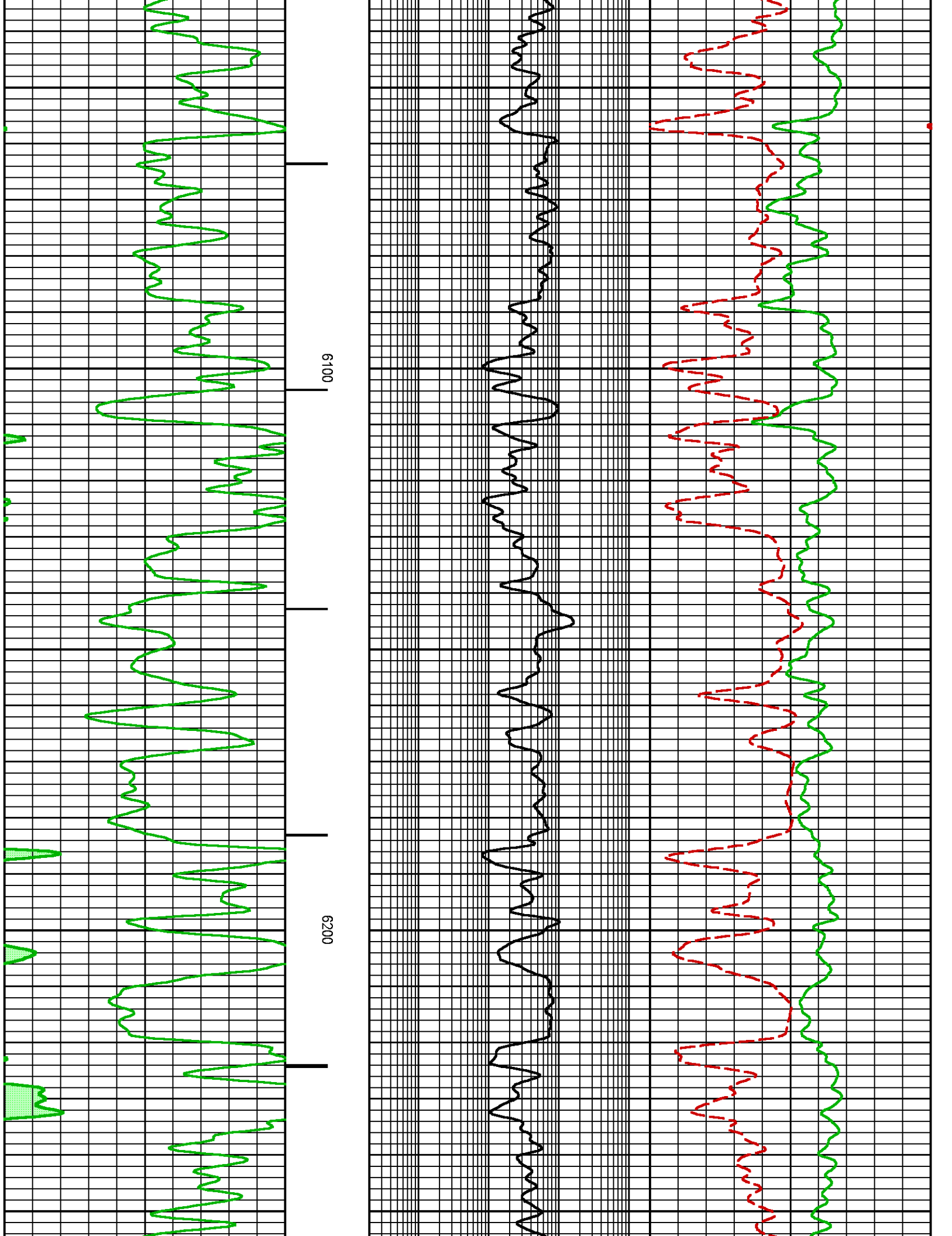


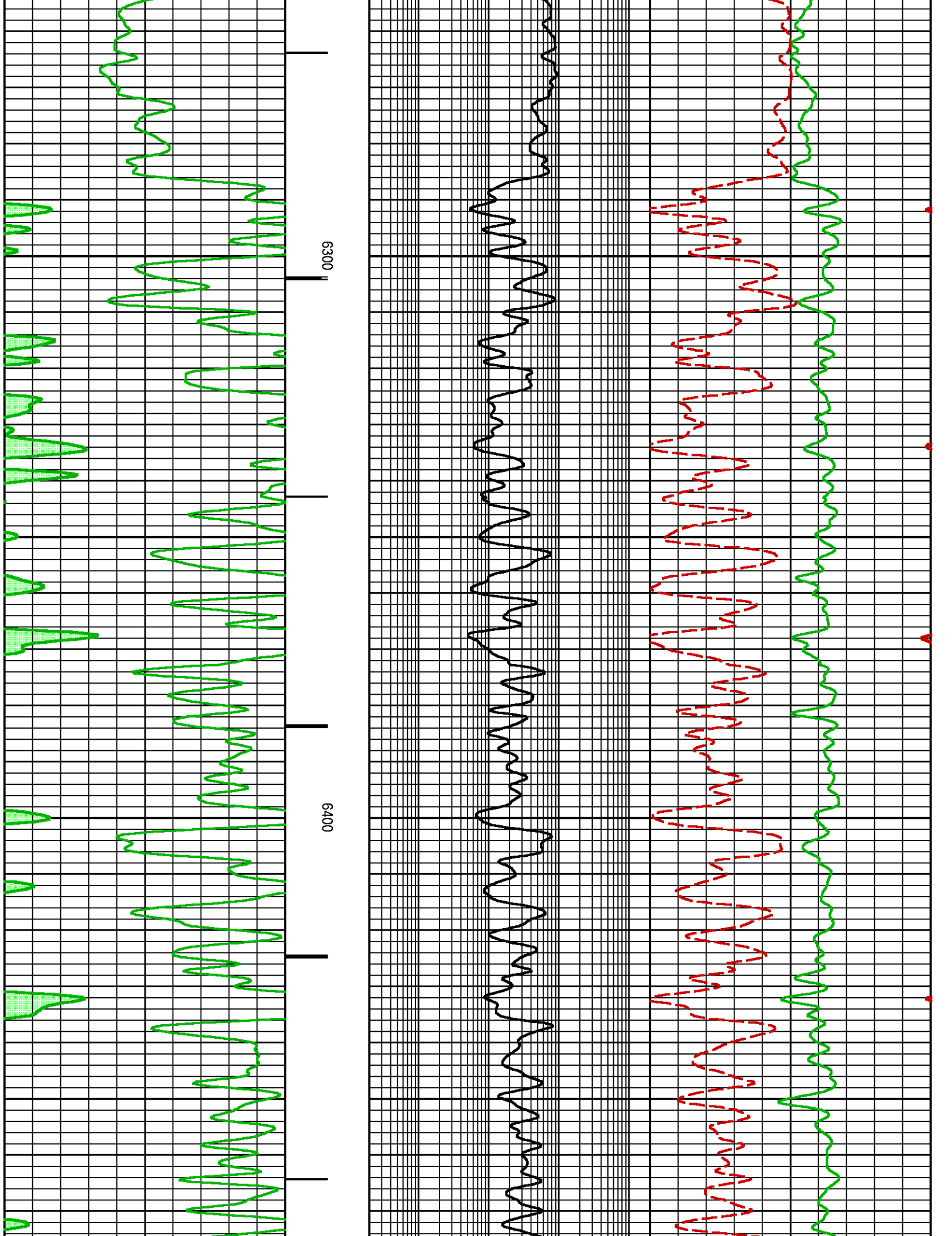


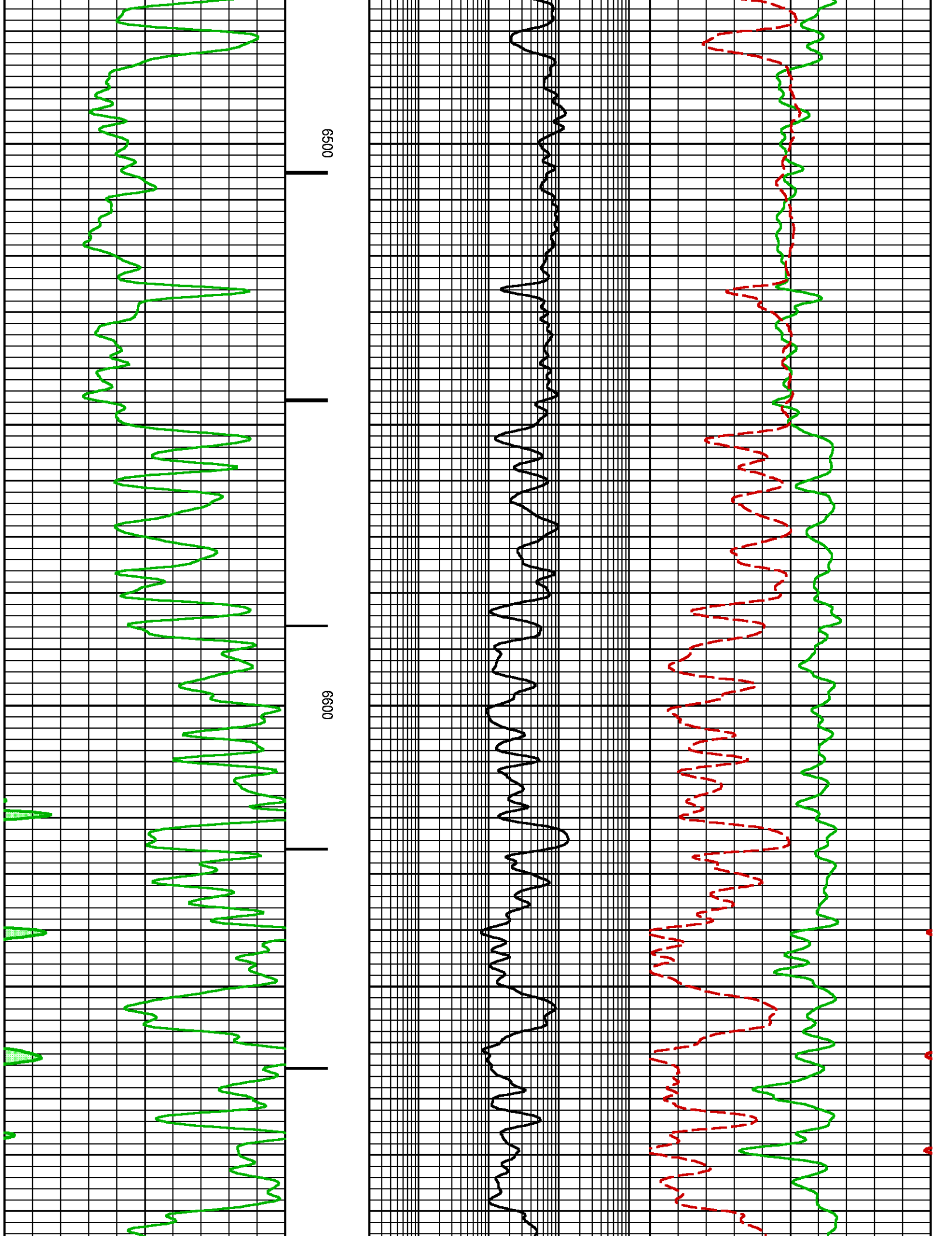




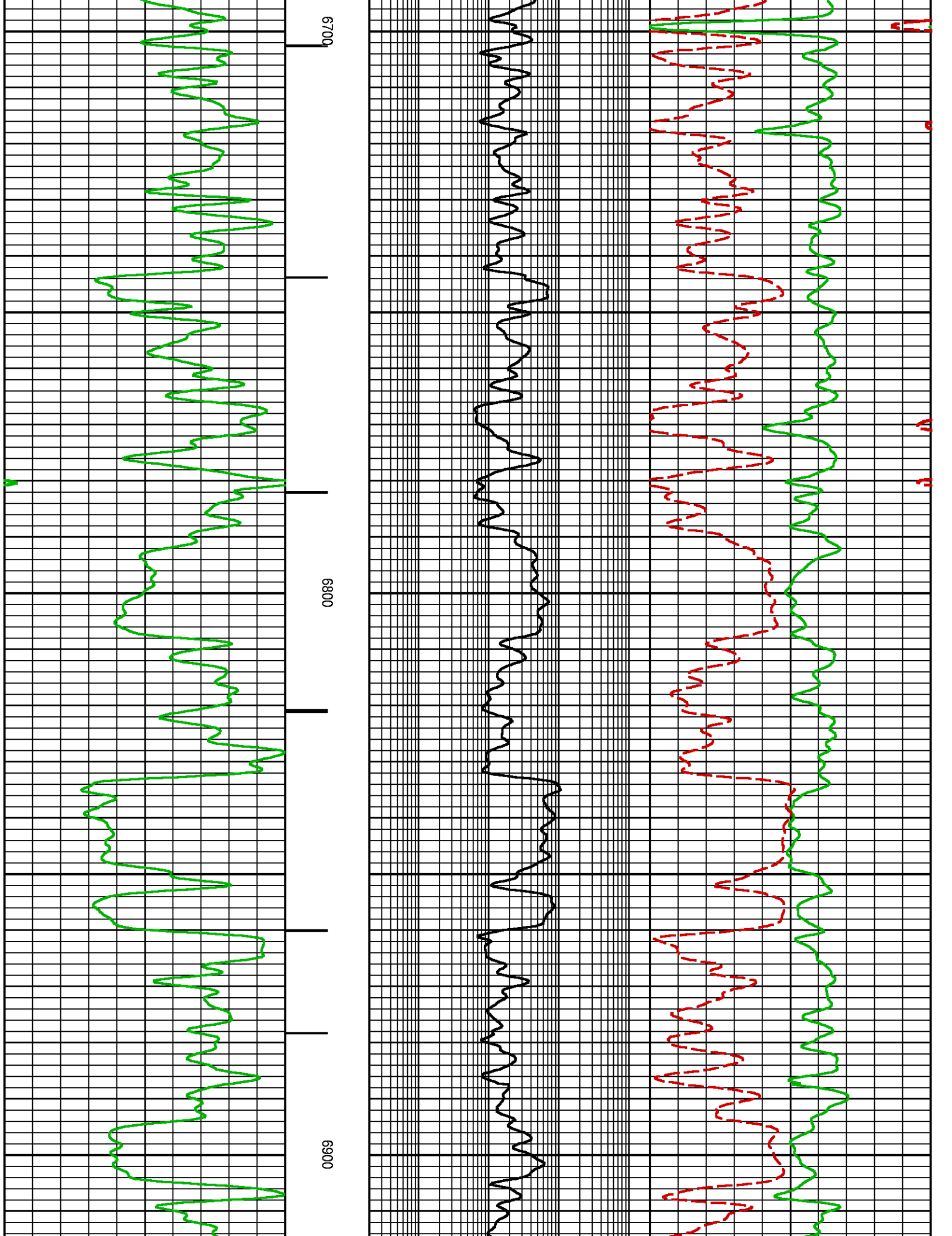


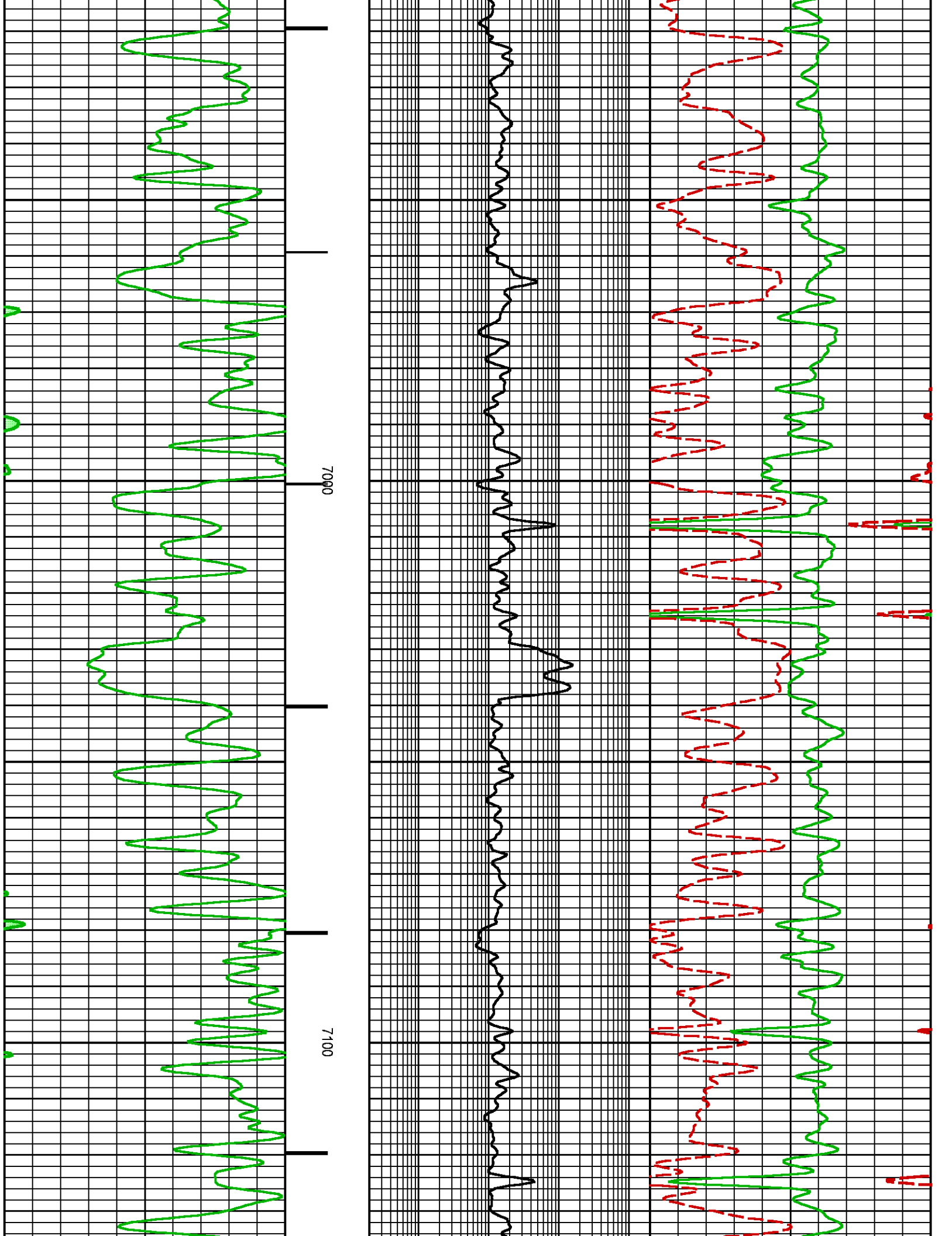


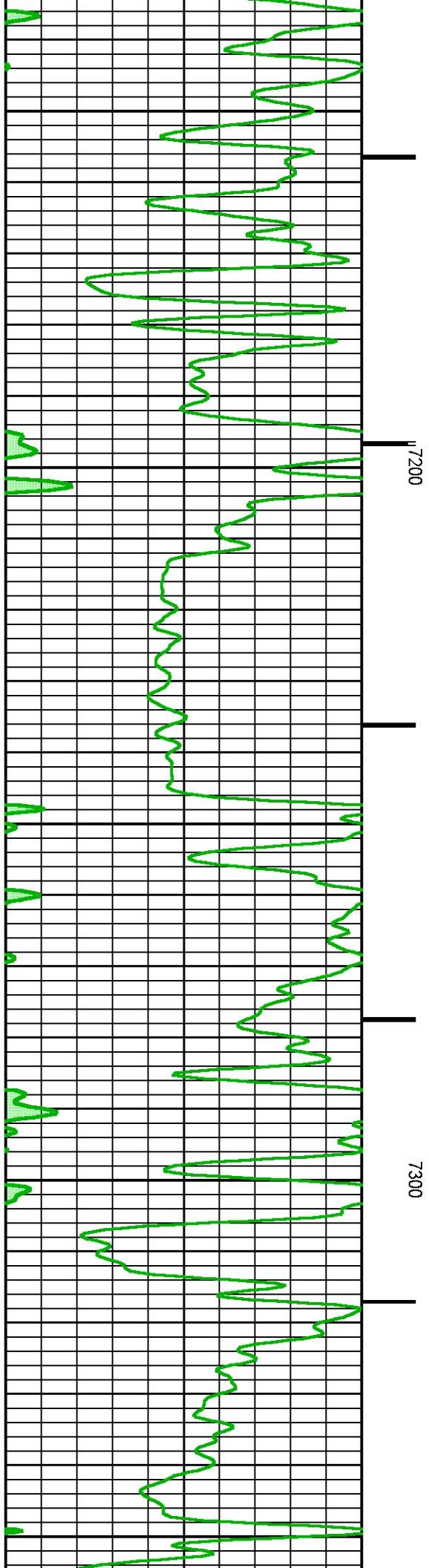
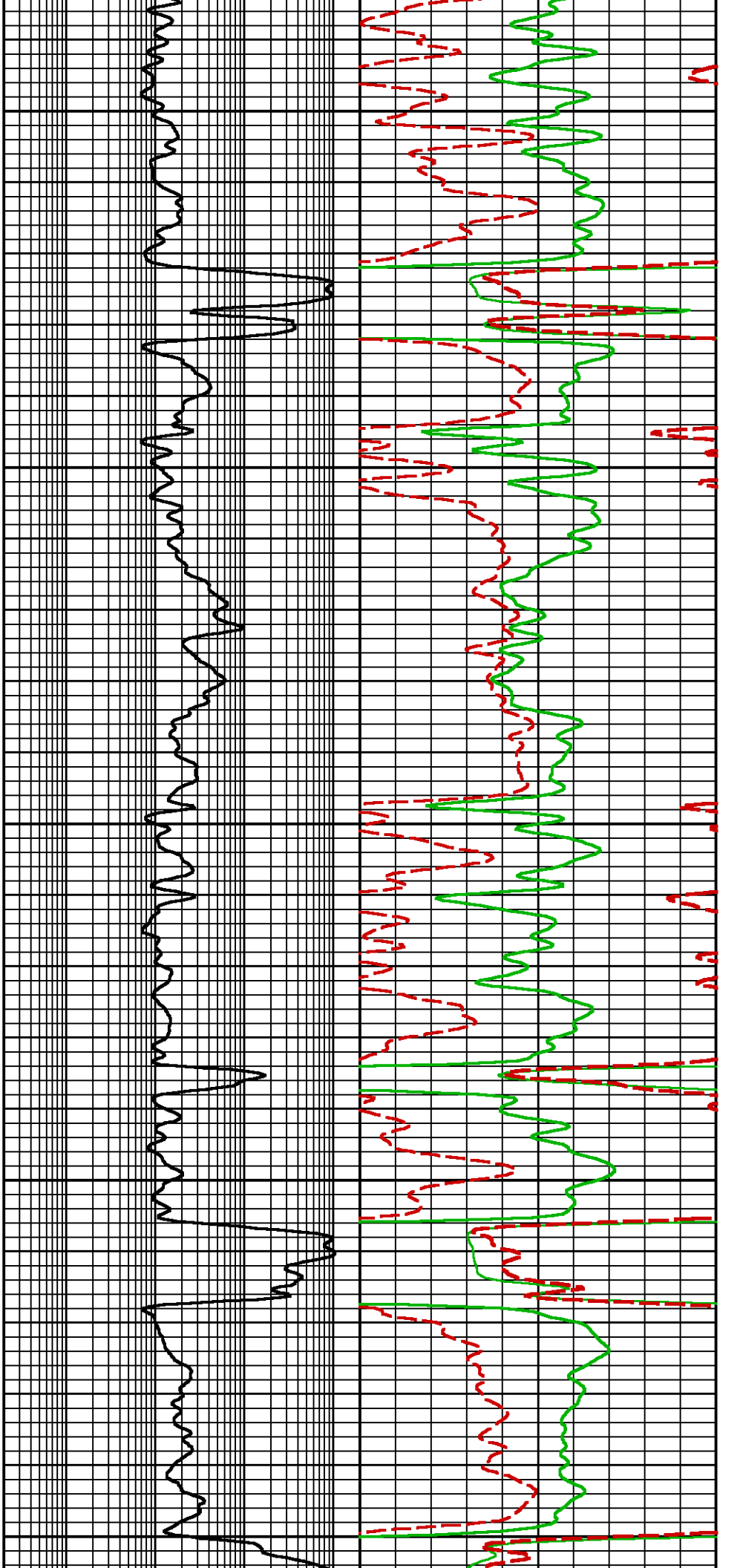


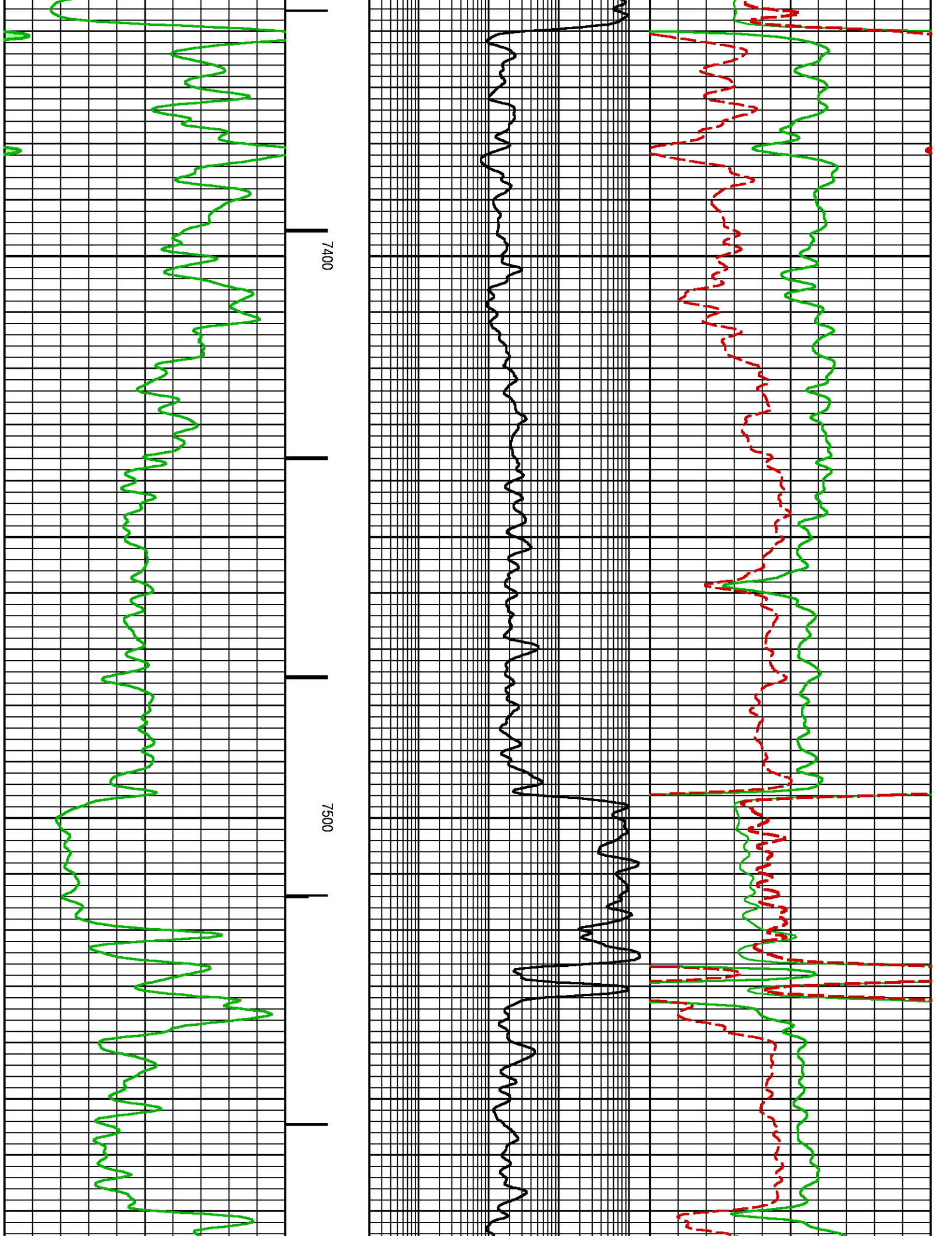


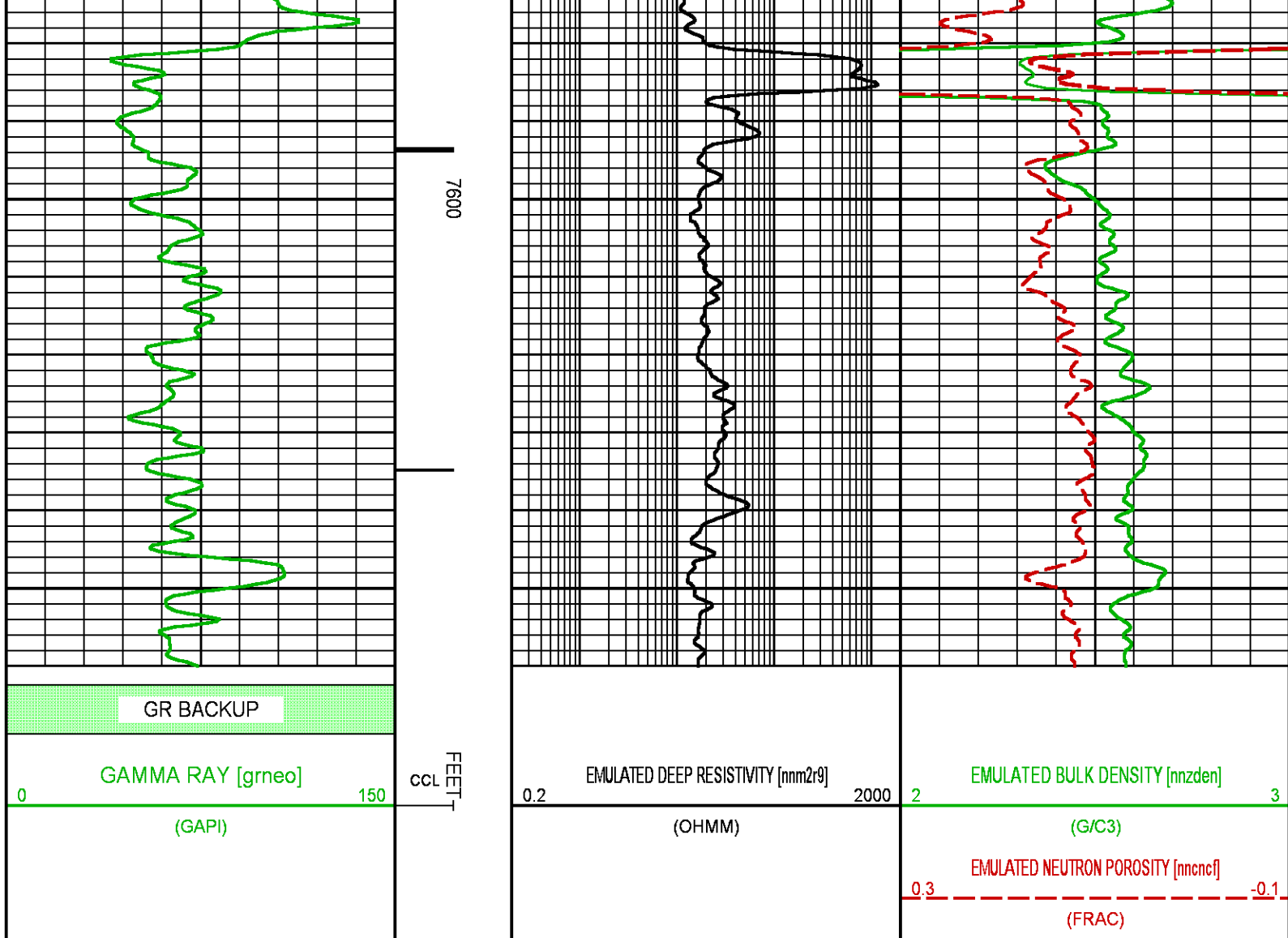












**BAKER  
HUGHES**  
a GE company



**COMPANY**  
**WELL**  
**FIELD**  
**COUNTY**

**LARAMIE ENERGY II, LLC**  
**NICHOLS 0994-24-01W**  
**VEGA**  
**MESA**

**STATE** **COLORADO**

**FILE NO:**

**API NO:**

**05-077-10418-0000**

**LOCATION:**

**SEE REMARKS**

**SEC** **24** **TWP** **9S** **RGE** **94W**

**ELEVATIONS:**

**KB** **7161 FT**

**DF**

**GL** **7137 FT**

**DATE**

**20-MAR-2018**

