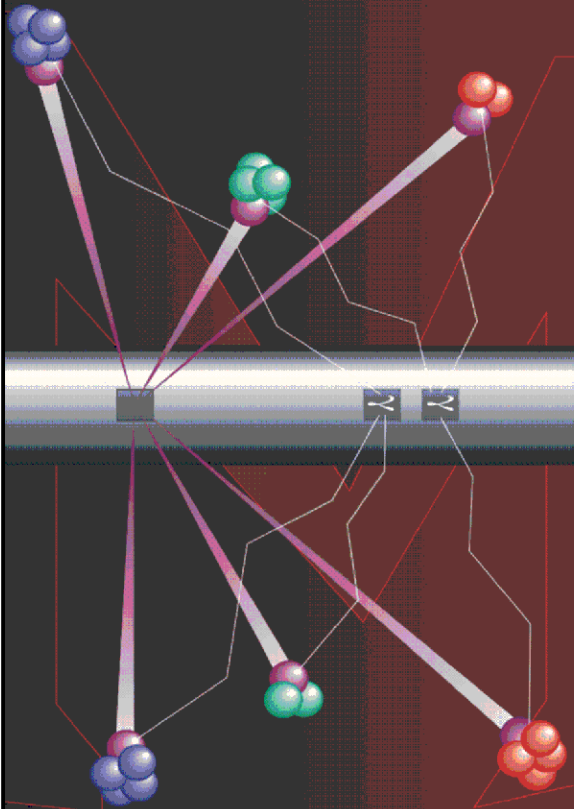


Pulsed Neutron Formation Evaluation



RESERVOIR PERFORMANCE MONITOR NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY LLC

WELL GUNDERSON 0994-14-17E

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS

SEC 14 TWP 9S RGE 94W

ELEVATIONS:

KB 7302 FT DF GL 7272 FT

DATE 27-JUN-2018 ECC 136902

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>27-JUN-2018</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>	ENGINEER: <u>T. NEWELL</u>	DATE: <u>21-JUN-2018</u>

FROM	TO								
<u>2458 FT</u>	<u>8175 FT</u>								

REMARKS

LOCATION: SHL: 1076' FSL & 1146' FEL
BHL: 1076' FSL & 1146' FEL

TRAINING WELL:
GUNDERSON 13-06W

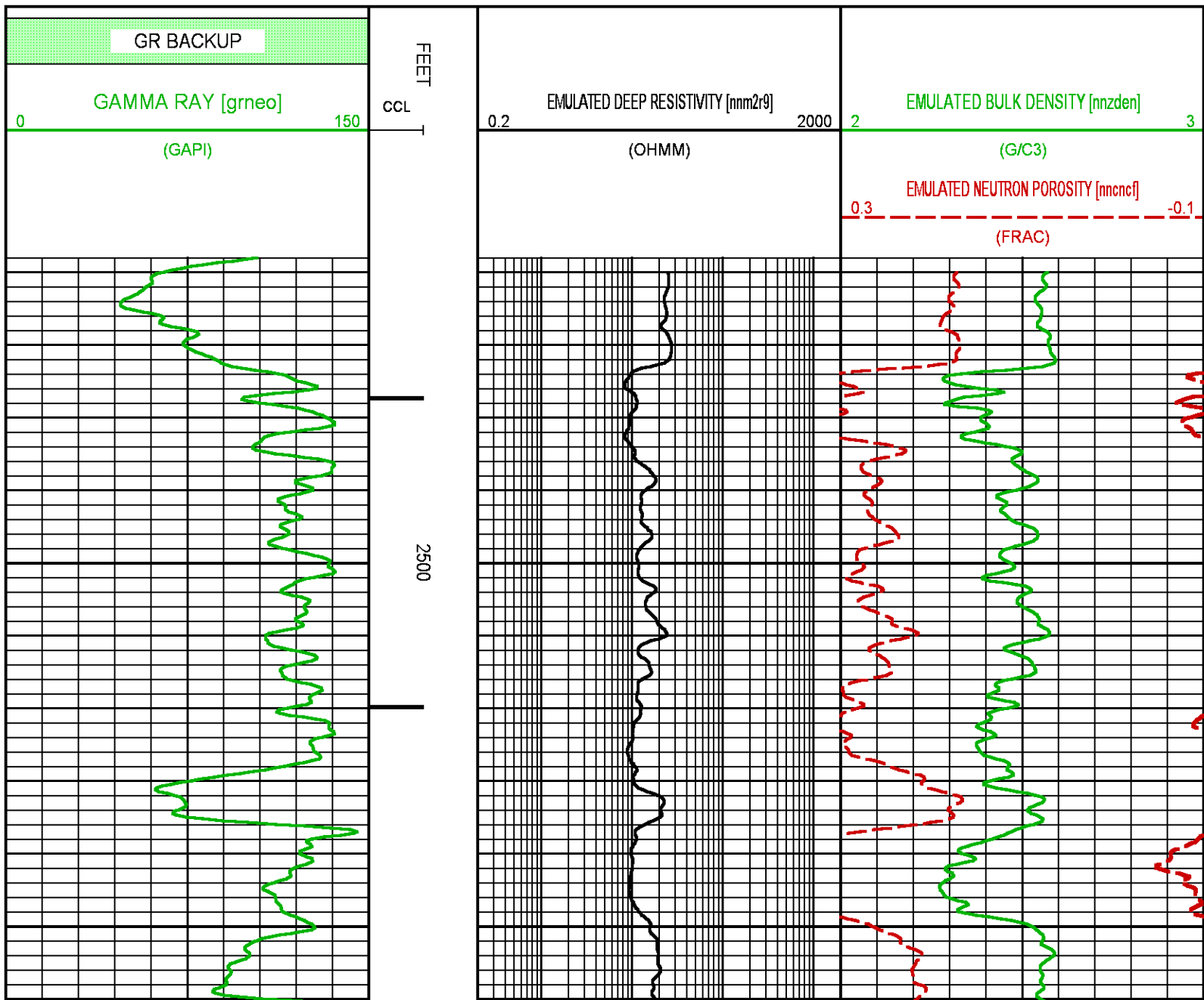
ANY ERRORS IN THE TRAINING WELL OPENHOLE DATA CAN PERETUATE THROUGH AS ERROR IN THE EMULATED RESULTS

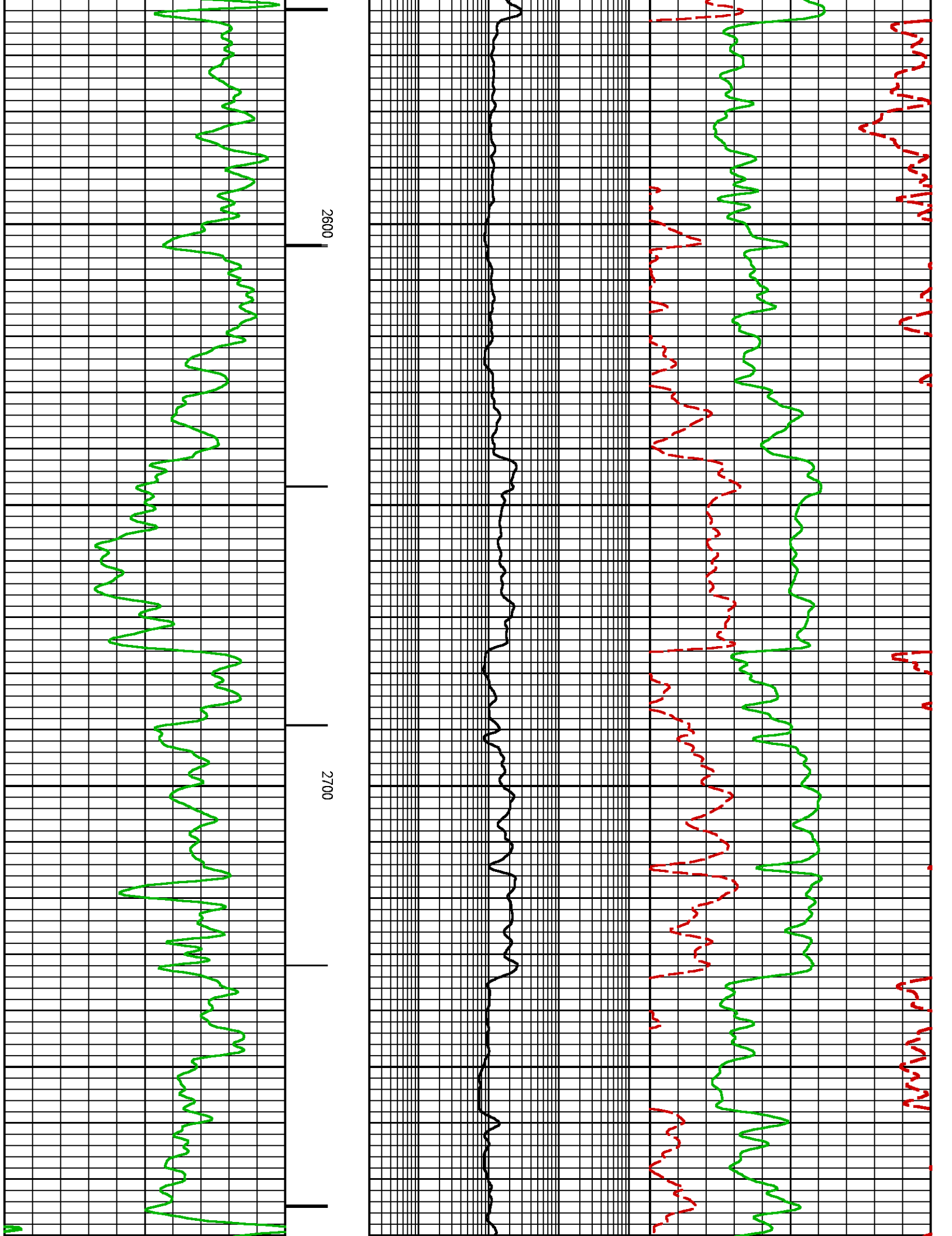
BOND LOG IS DEPTH REFERENCE LOG

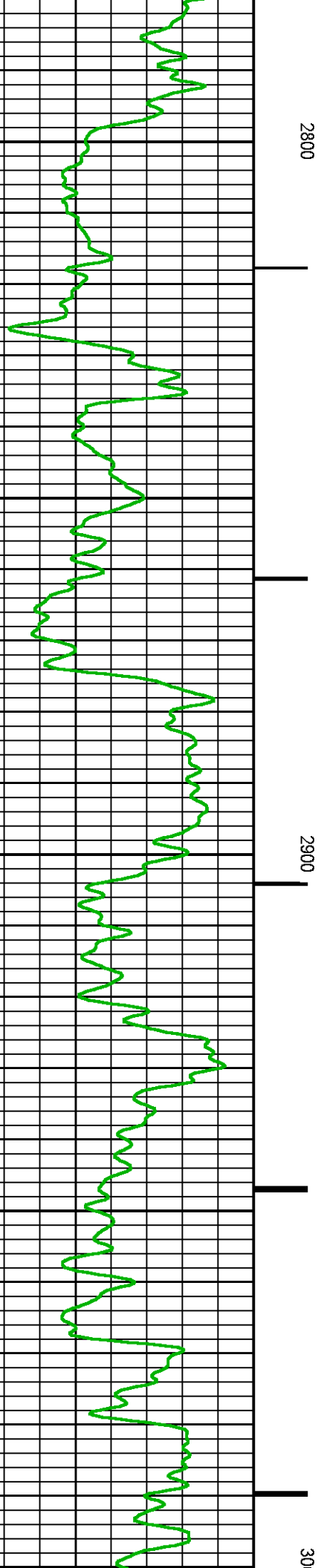
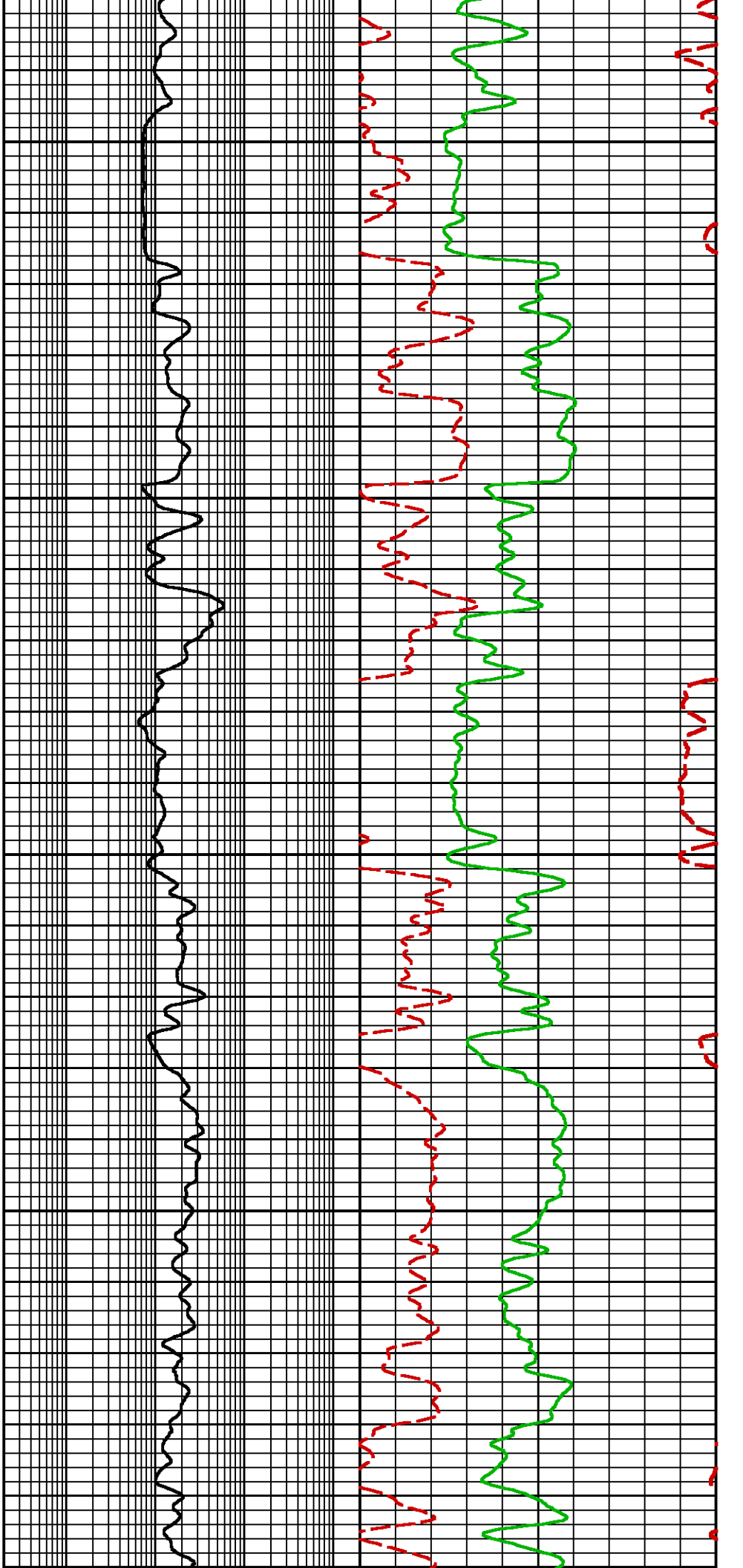
NEO RESULTS FOR GUNDERSON 0994-14-17E (G-SAND)

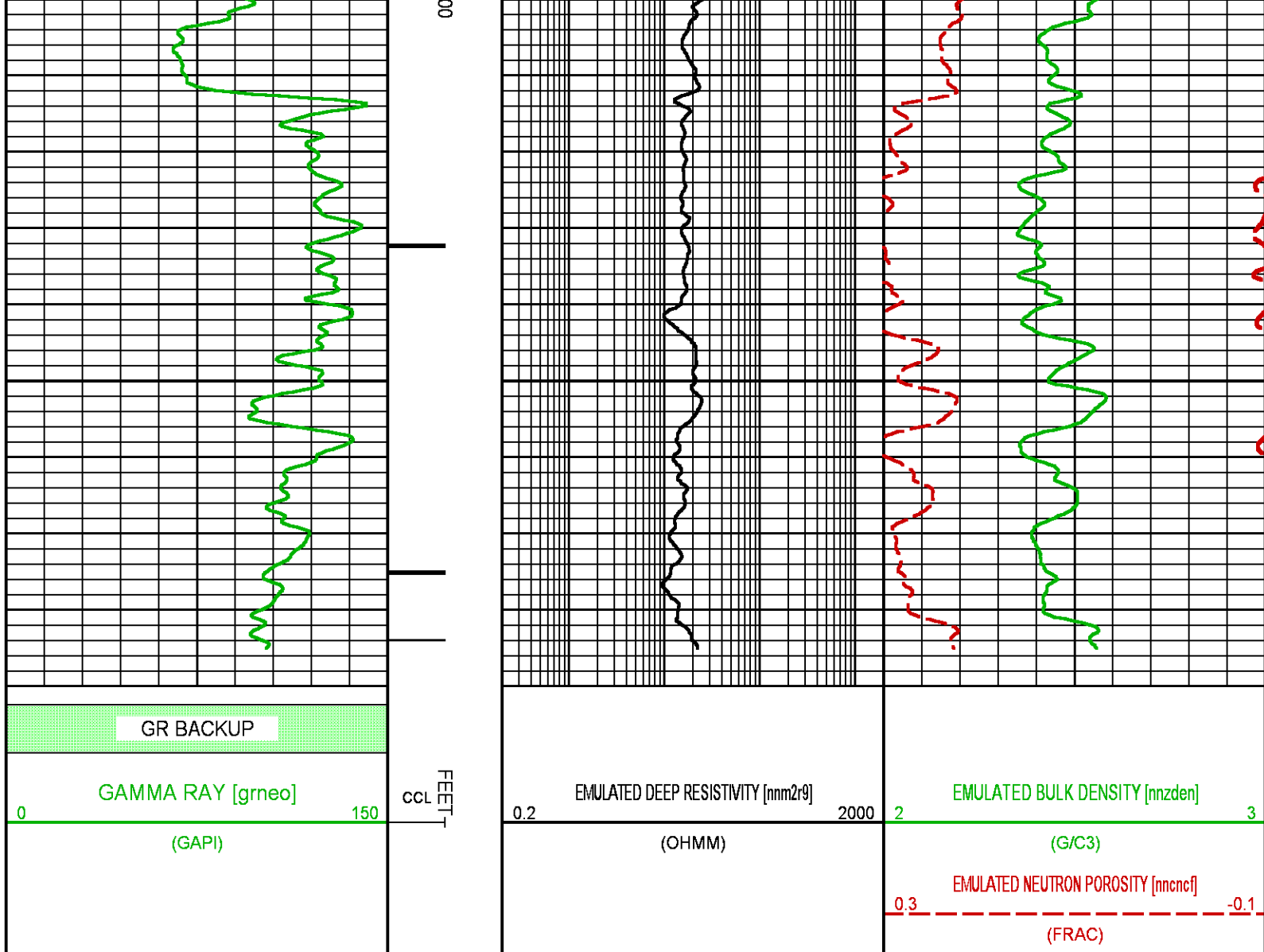
Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape_Projects\laramie_gunderson_14_17e\NEO_PRESENTATION_LARAMIE_G-Sand.pdf [5"/100' Scale]
Plot Interval : 2458 - 3090 Feet

Data File 1 : F1 : BHI3BKZH12:C:\Ape_Projects\laramie_gunderson_14_17e\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : GUNDERSON 0994-14-17E
Field : VEGA
File Interval : 2458 - 8174 Feet
OCT : NA



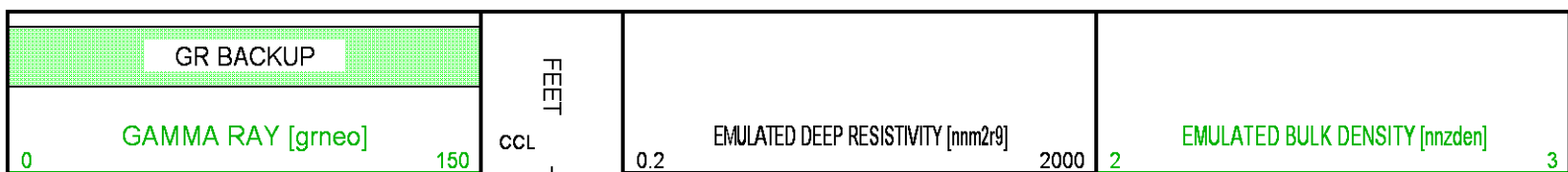


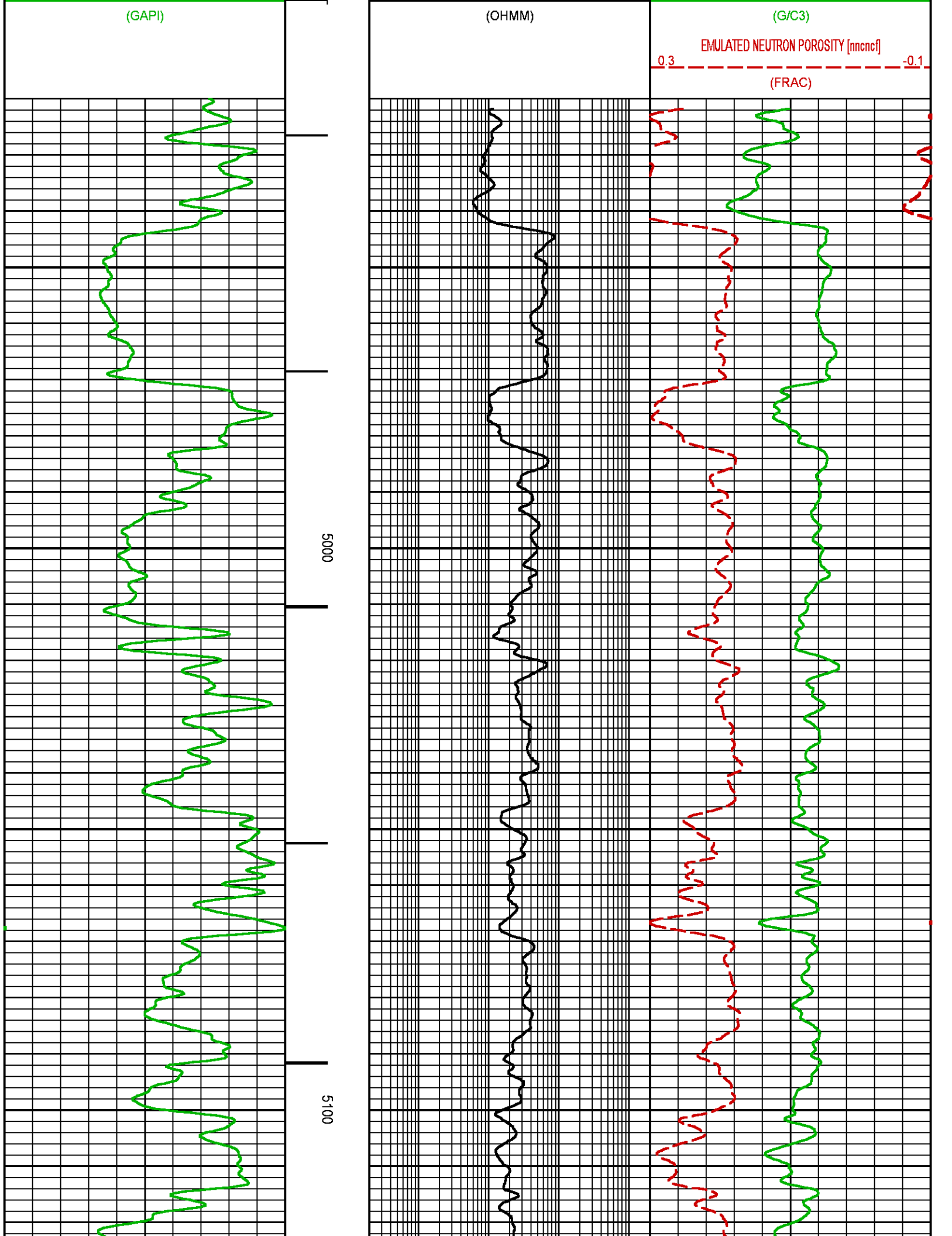


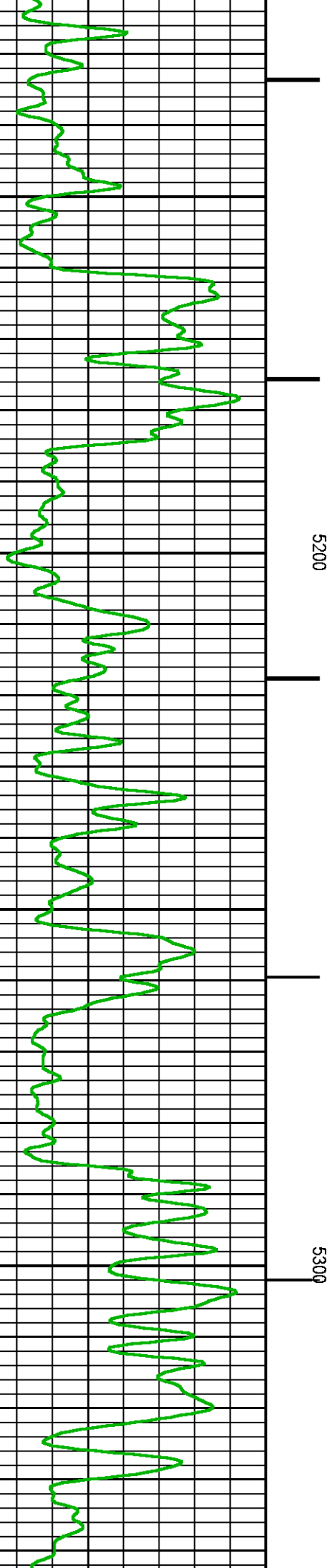
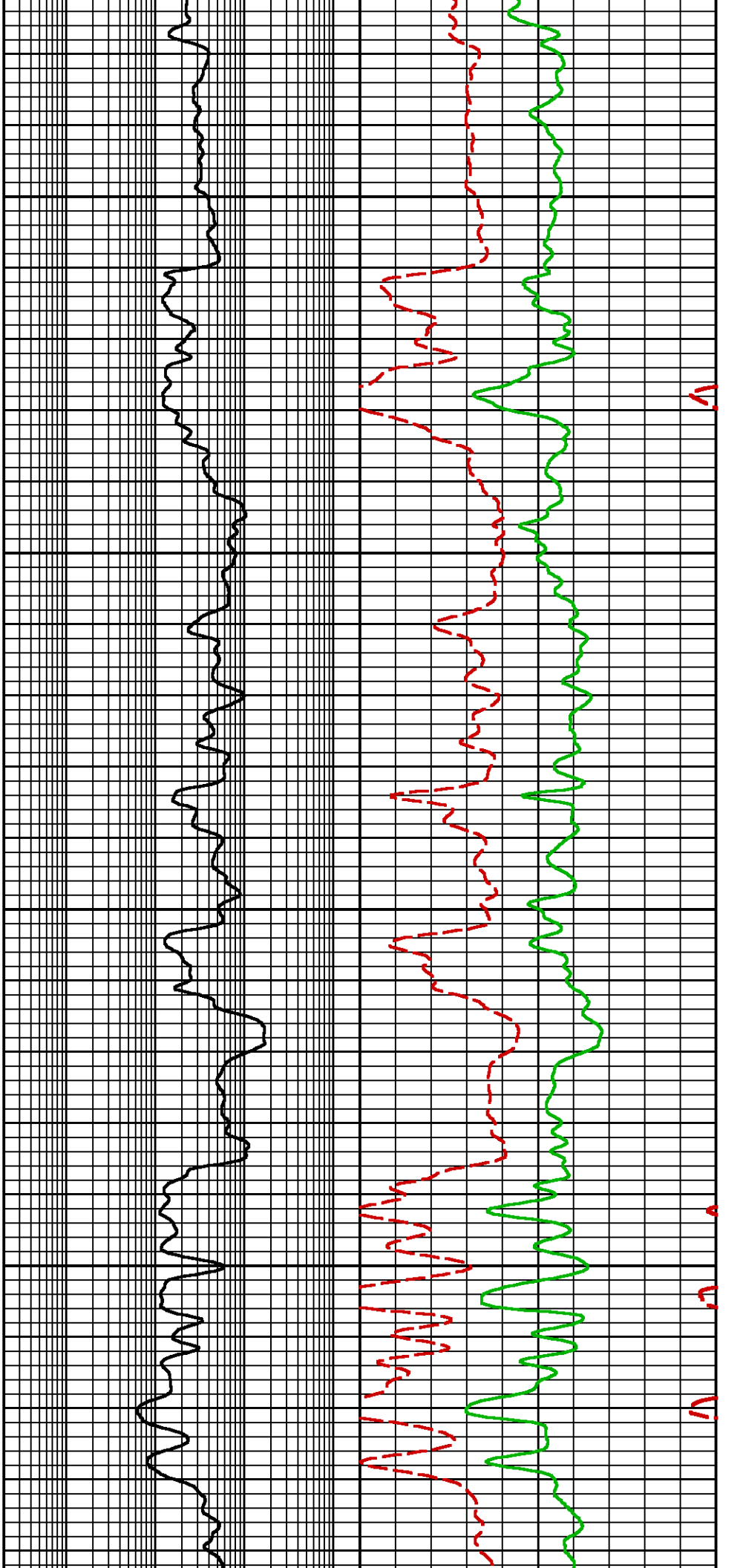


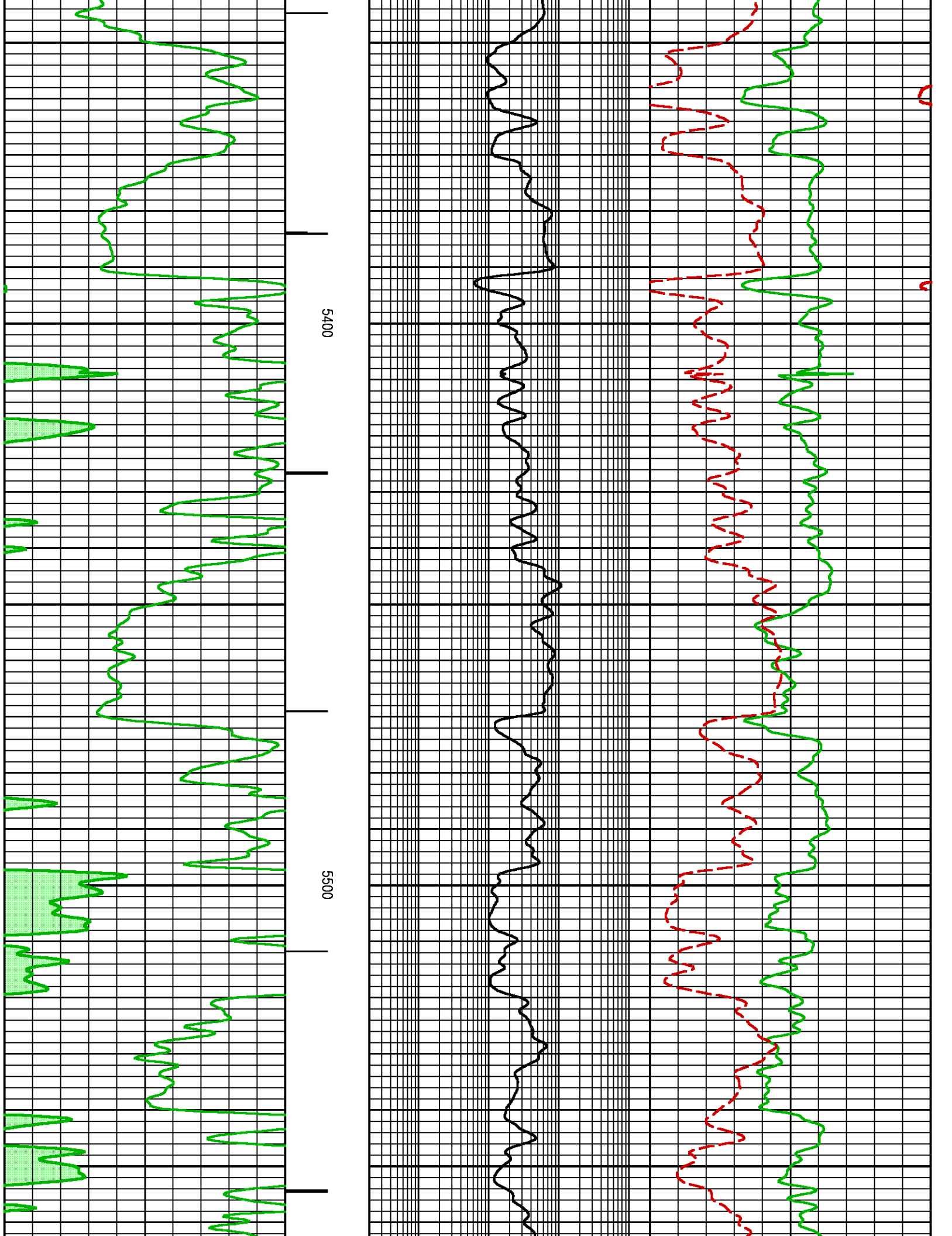
NEO RESULTS FOR GUNDERSON 0994-14-17E (MAIN)

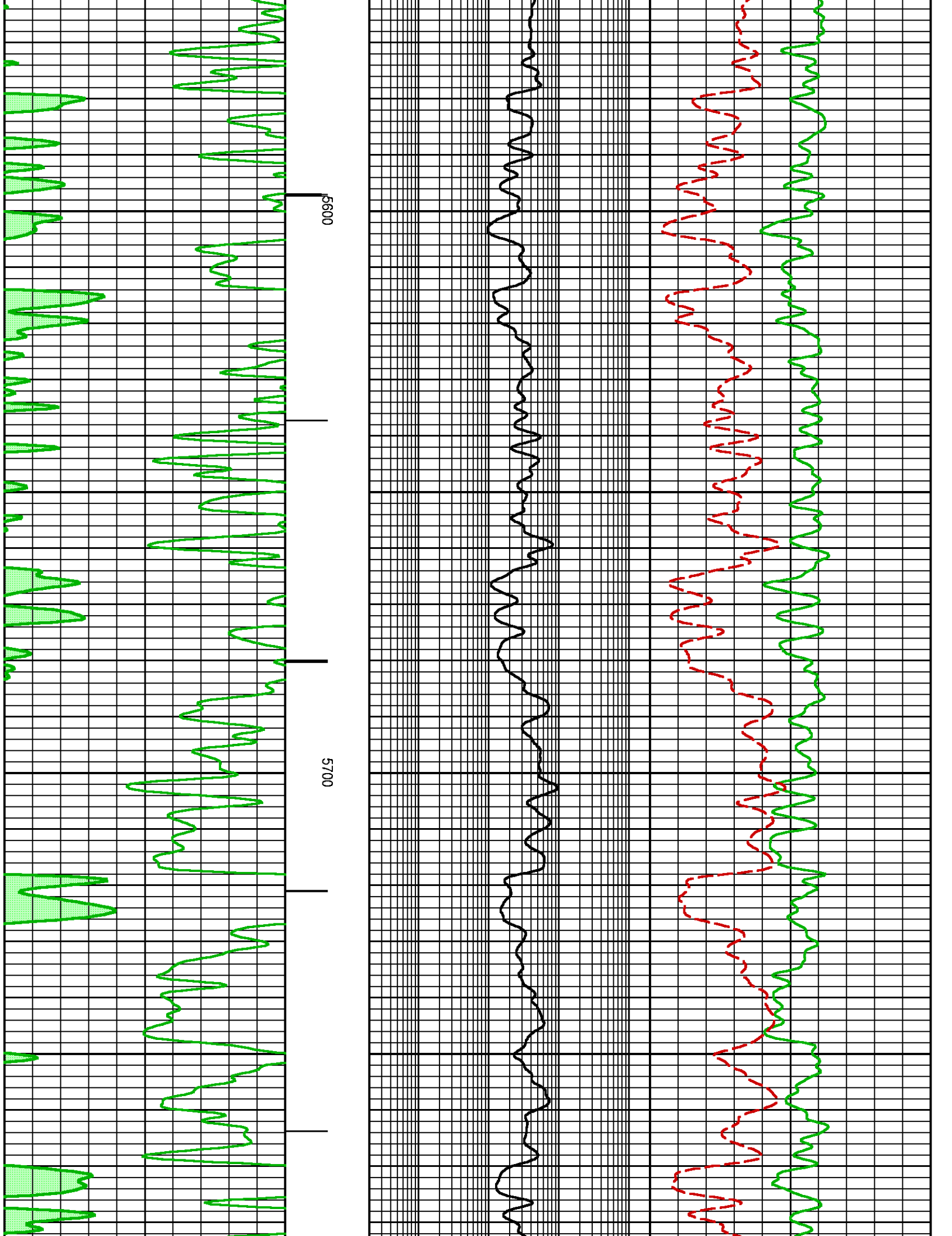
Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape_Projects\laramie_gunderson_14_17e\NEO_PRESENTATION_LARAMIE_MAIN.pdf [5"/100" Scale]
Plot Interval : 4920 - 8174 Feet
Data File 1 : F1 : BHI3BKZH12:C:\Ape_Projects\laramie_gunderson_14_17e\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : GUNDERSON 0994-14-17E
Field : VEGA
File Interval : 2458 - 8174 Feet
OCT : NA

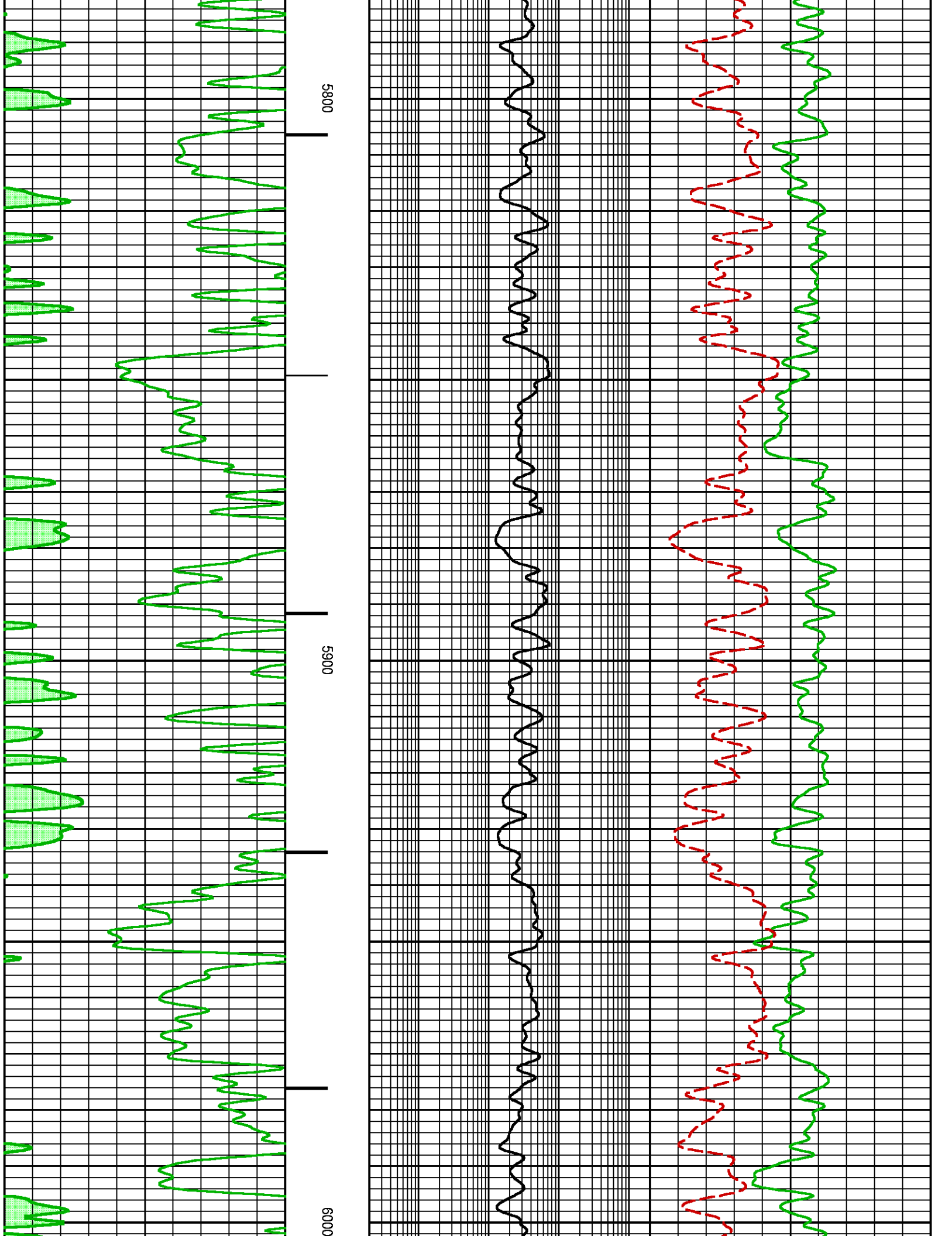


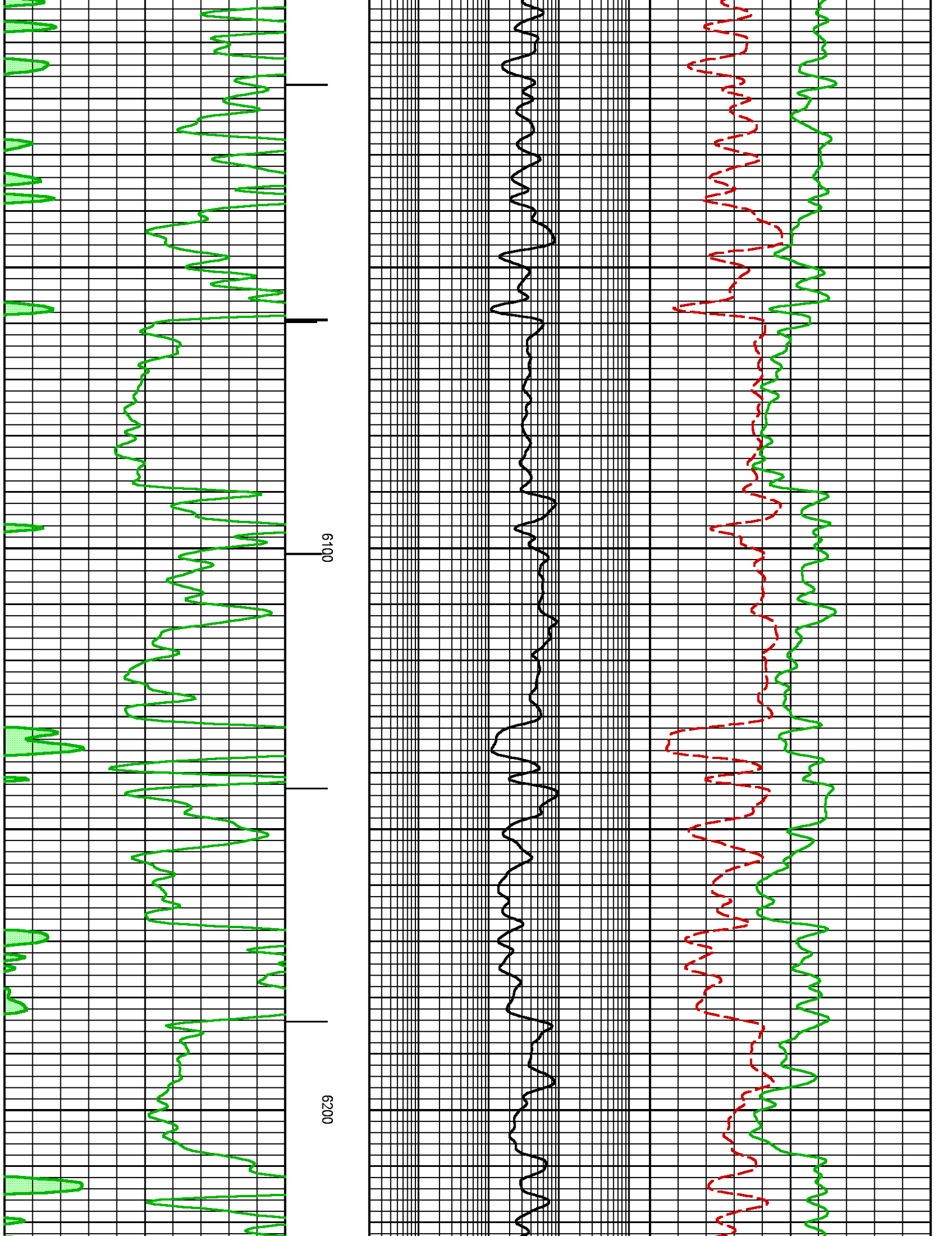


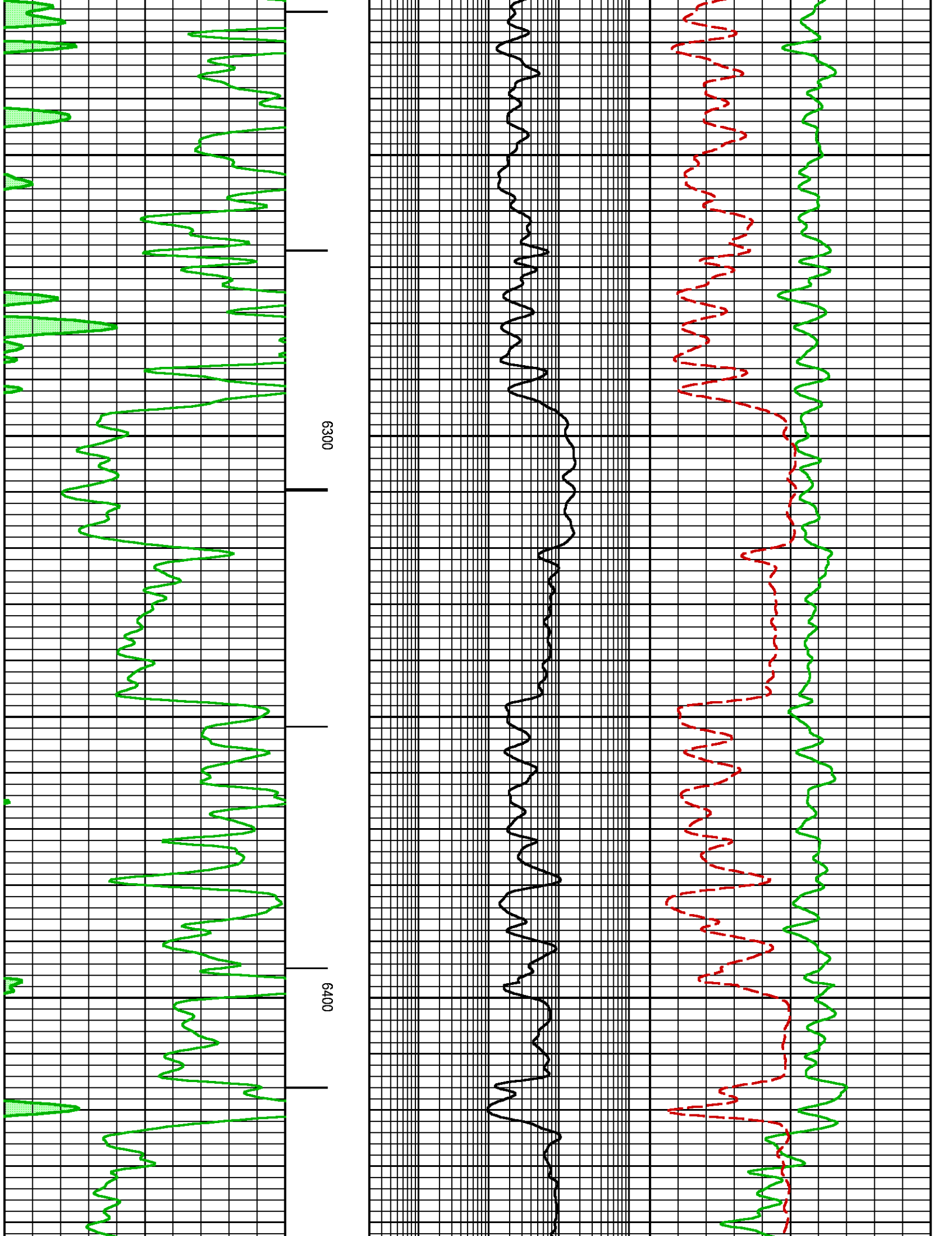


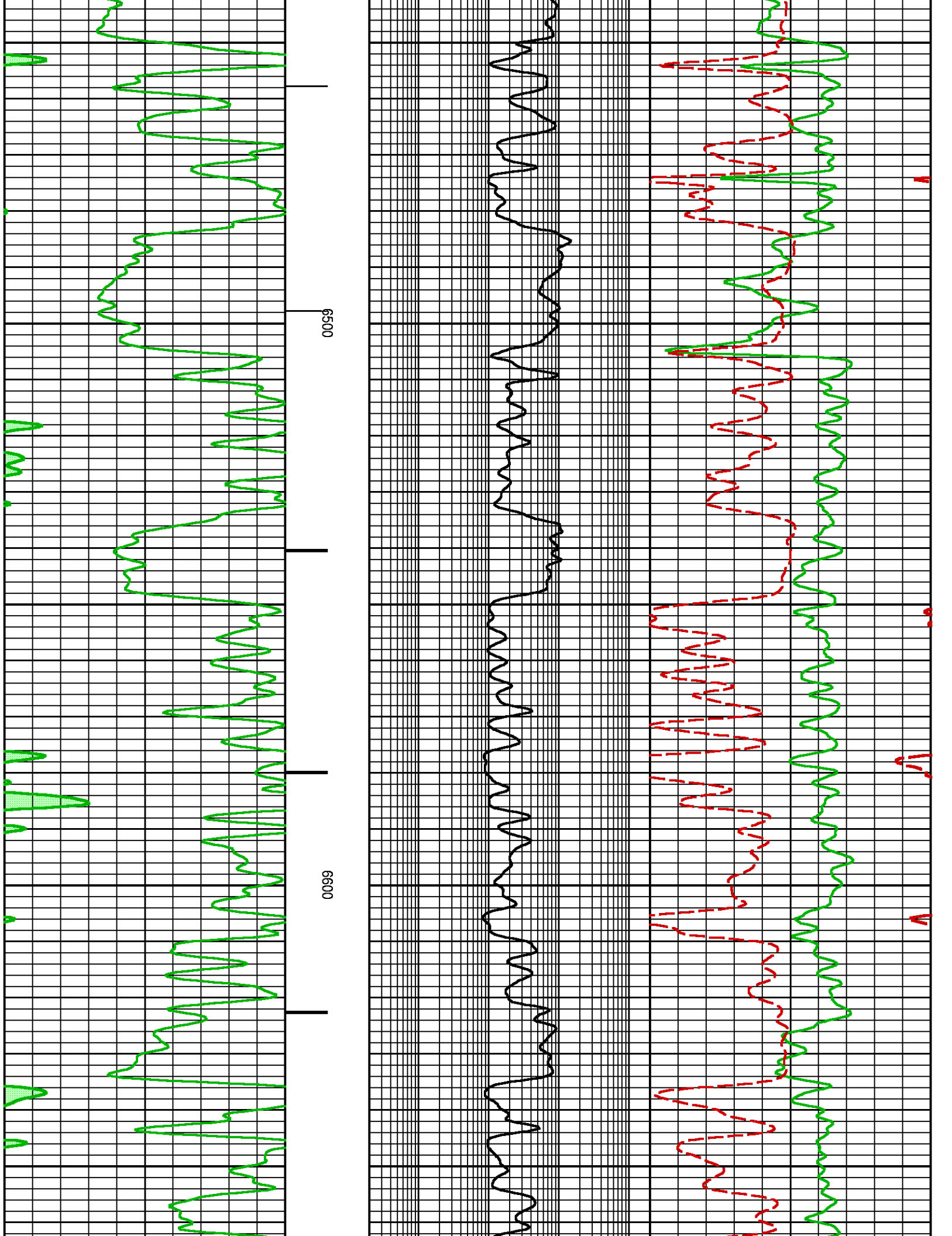


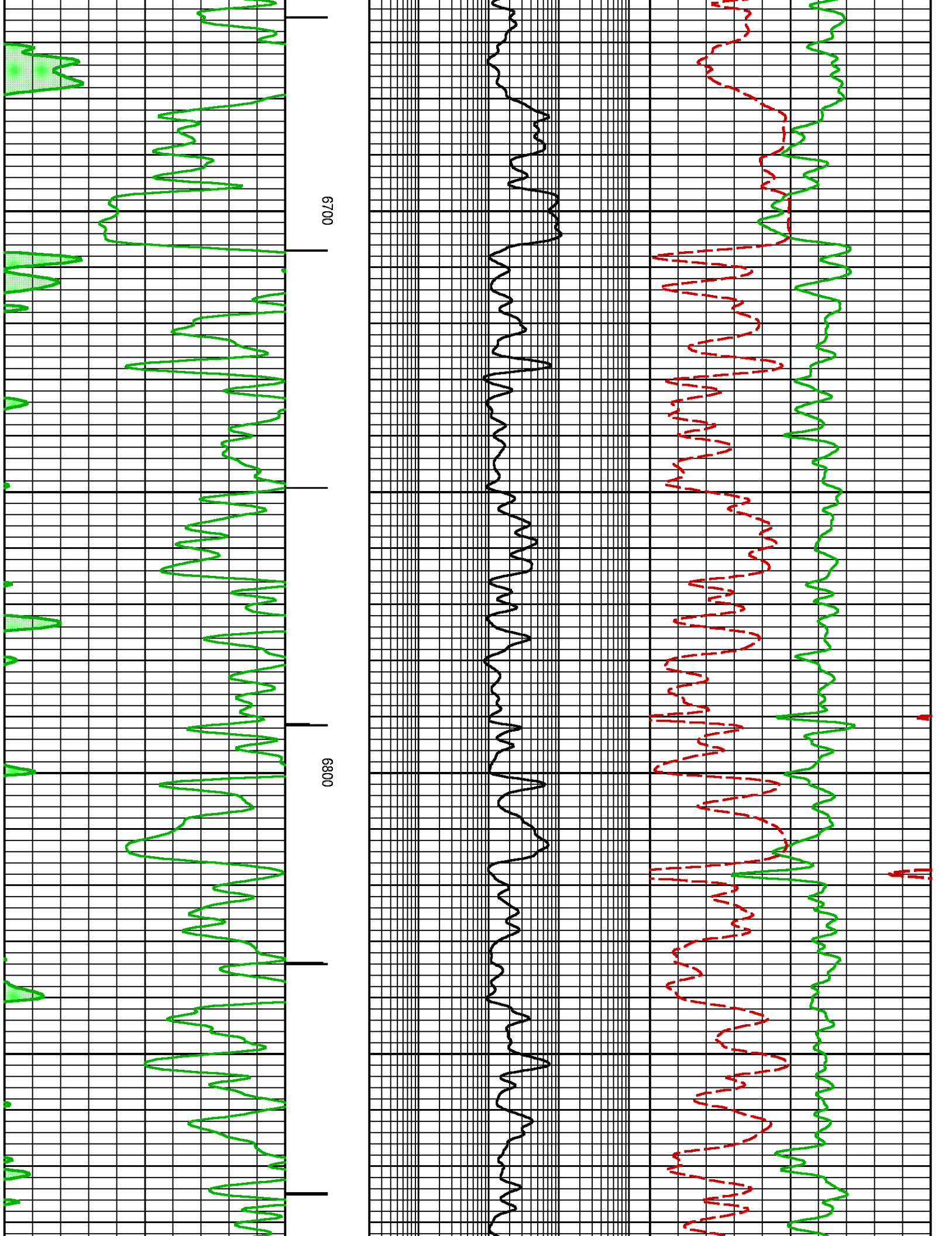


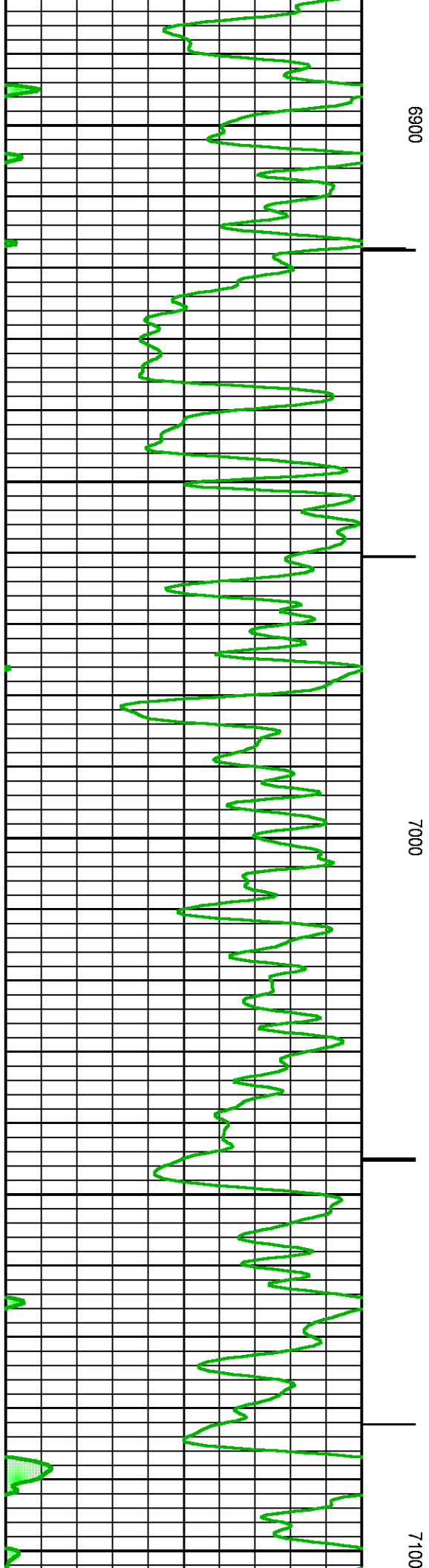
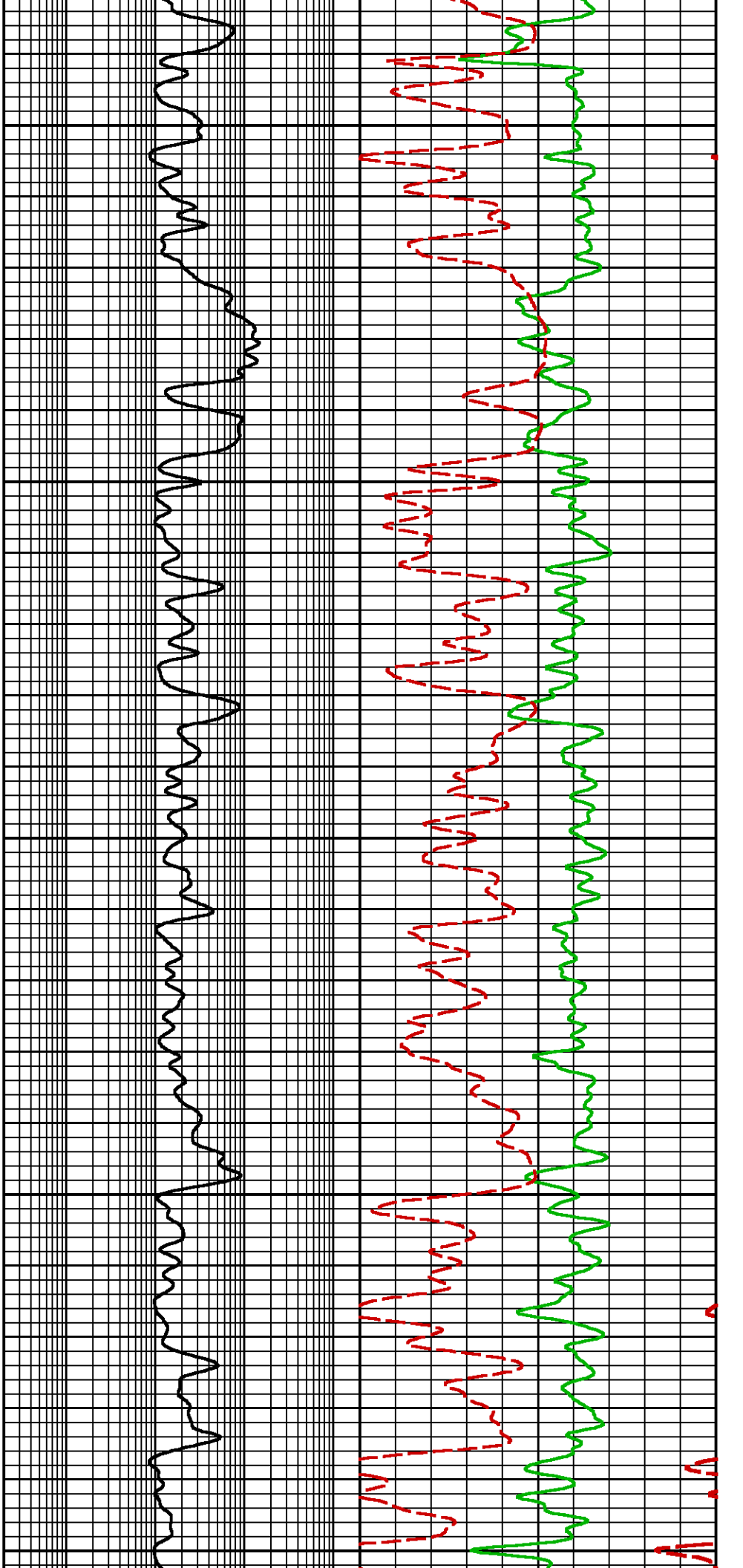


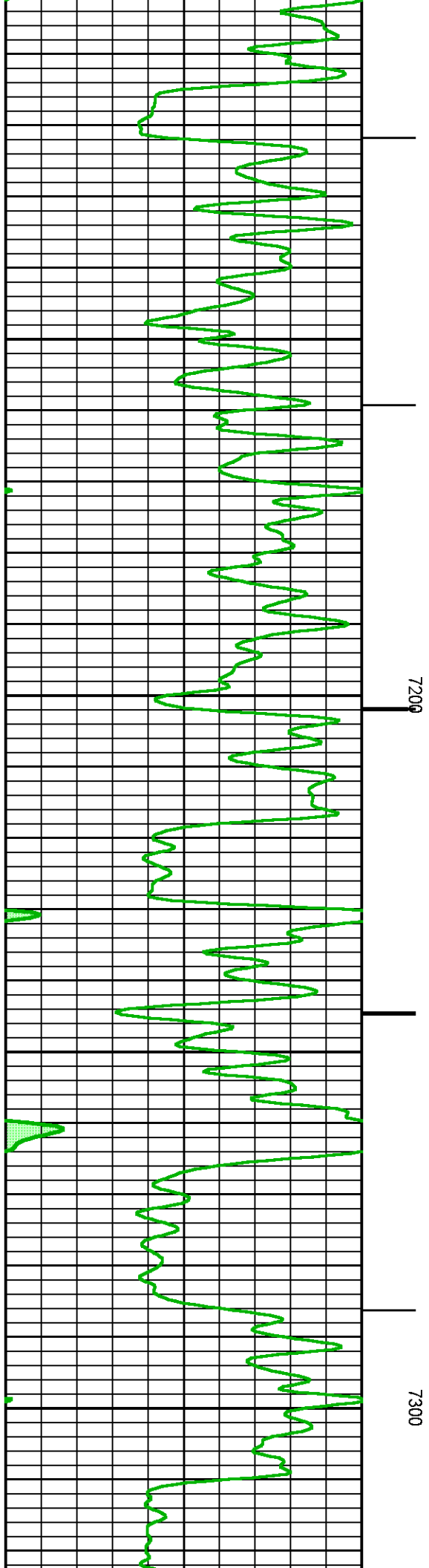
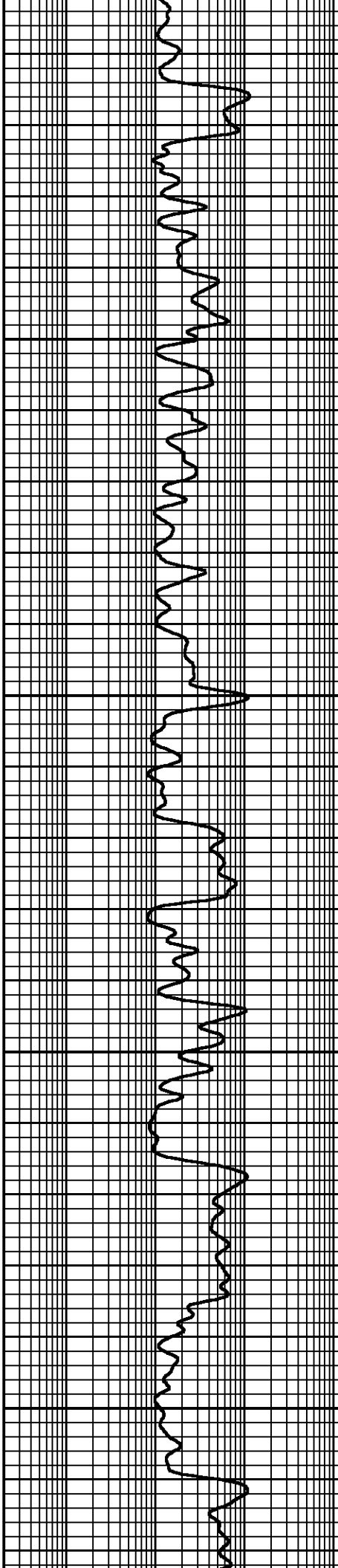
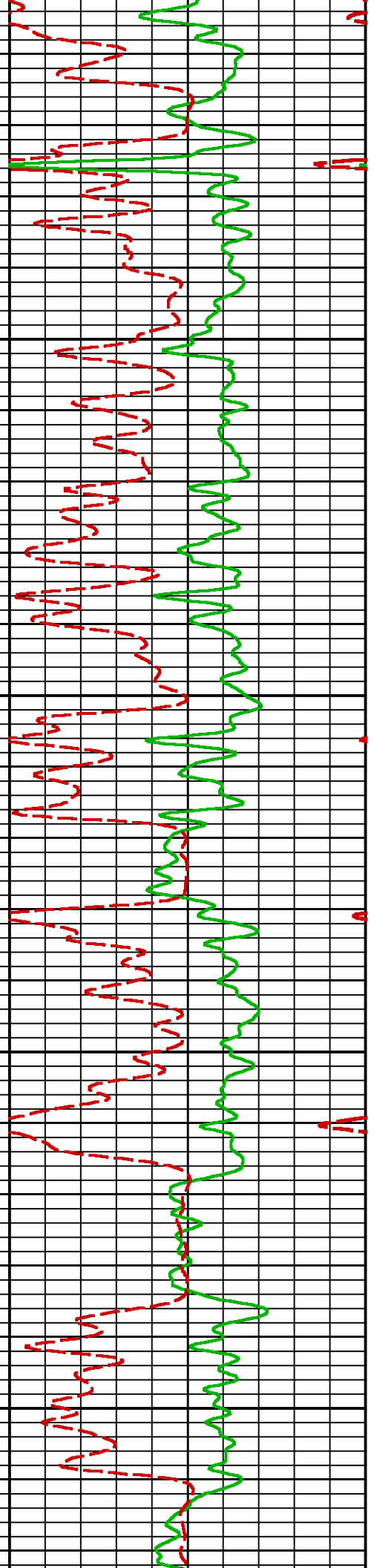


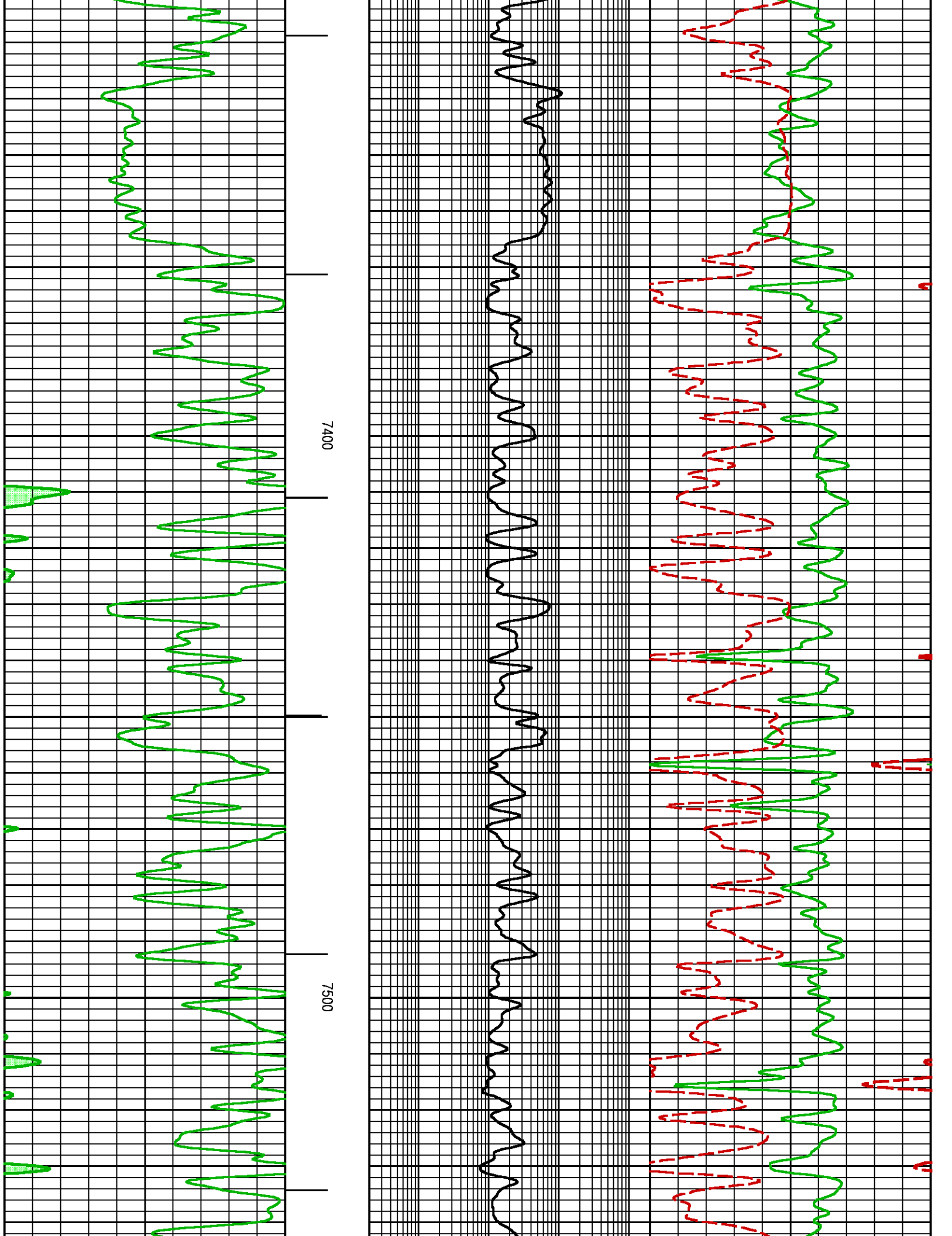


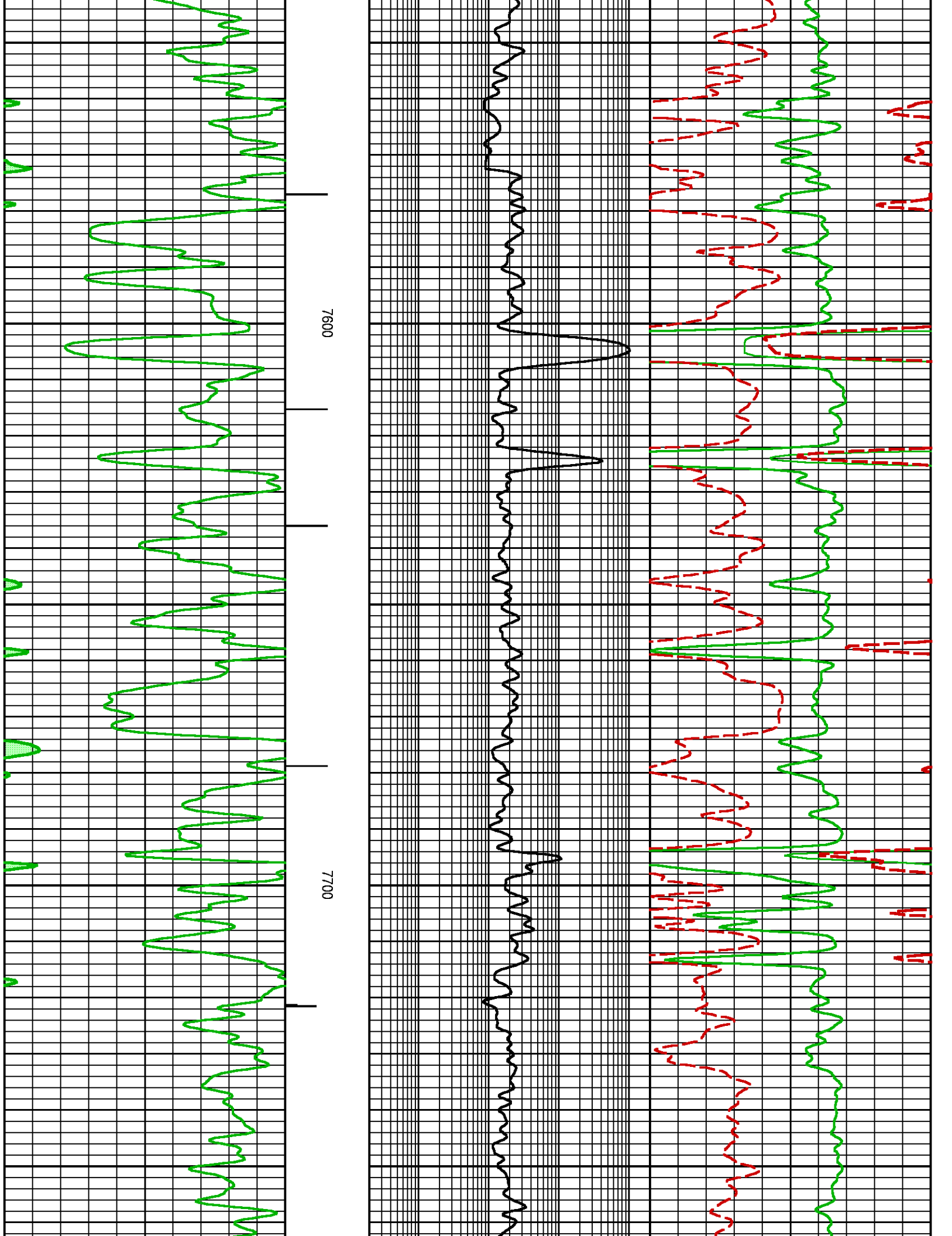


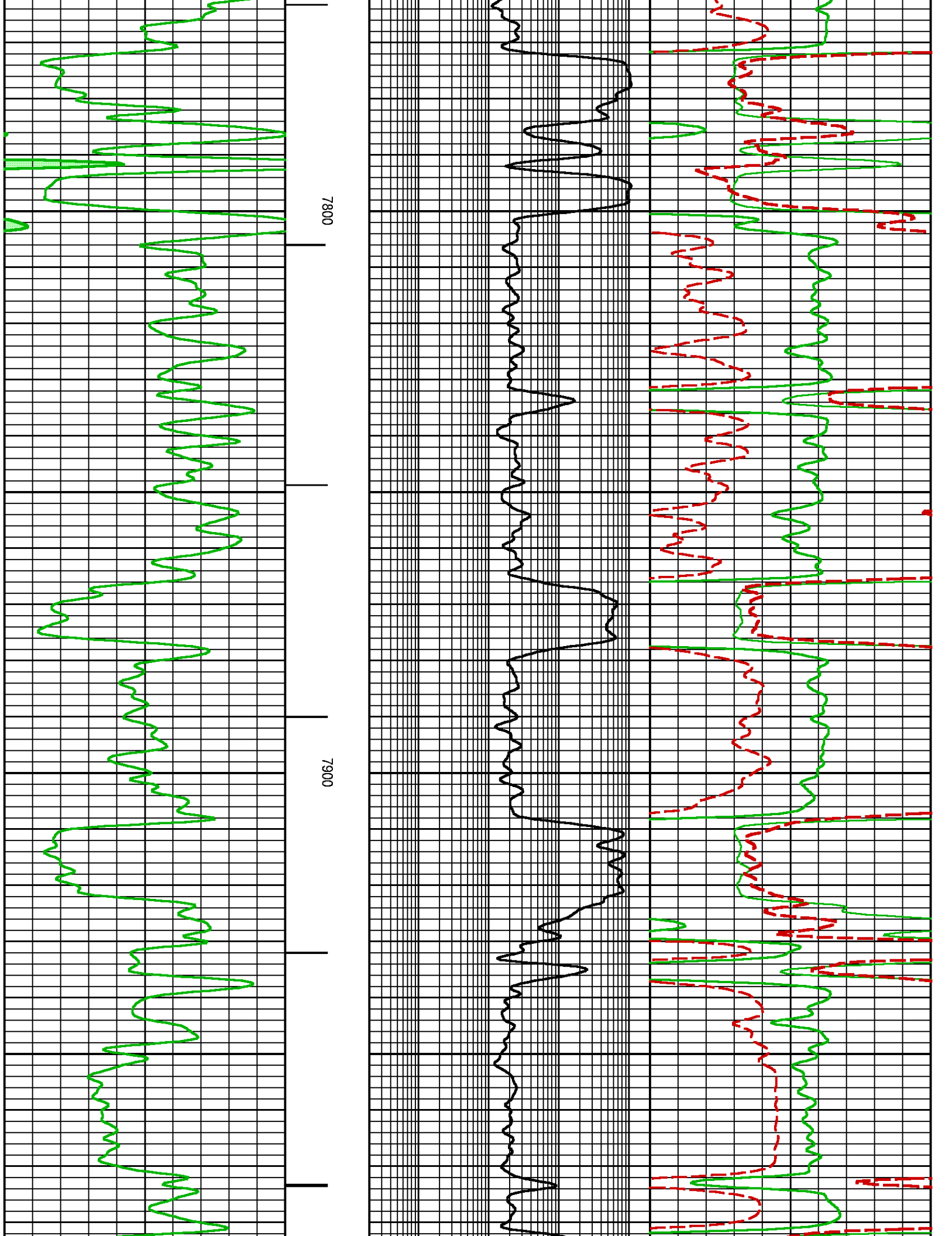


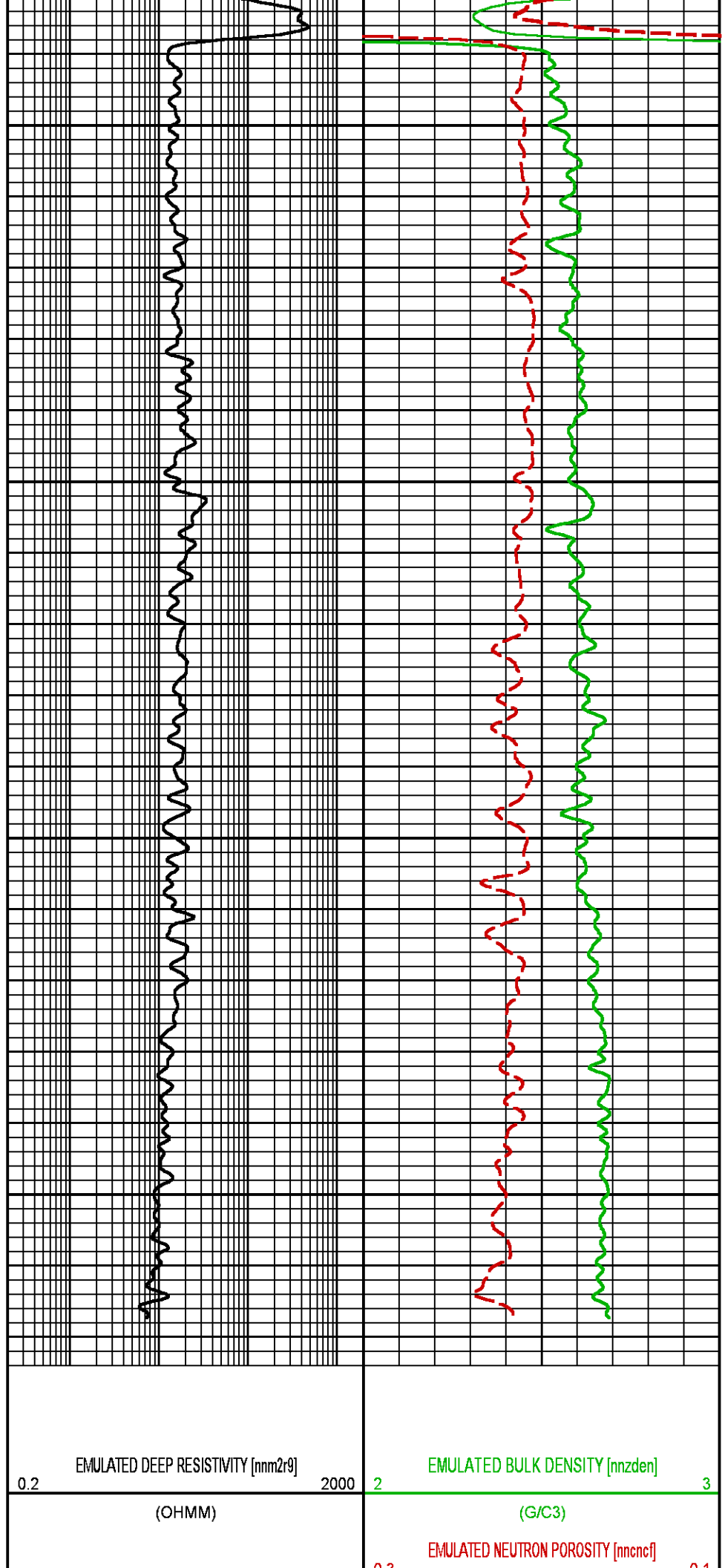
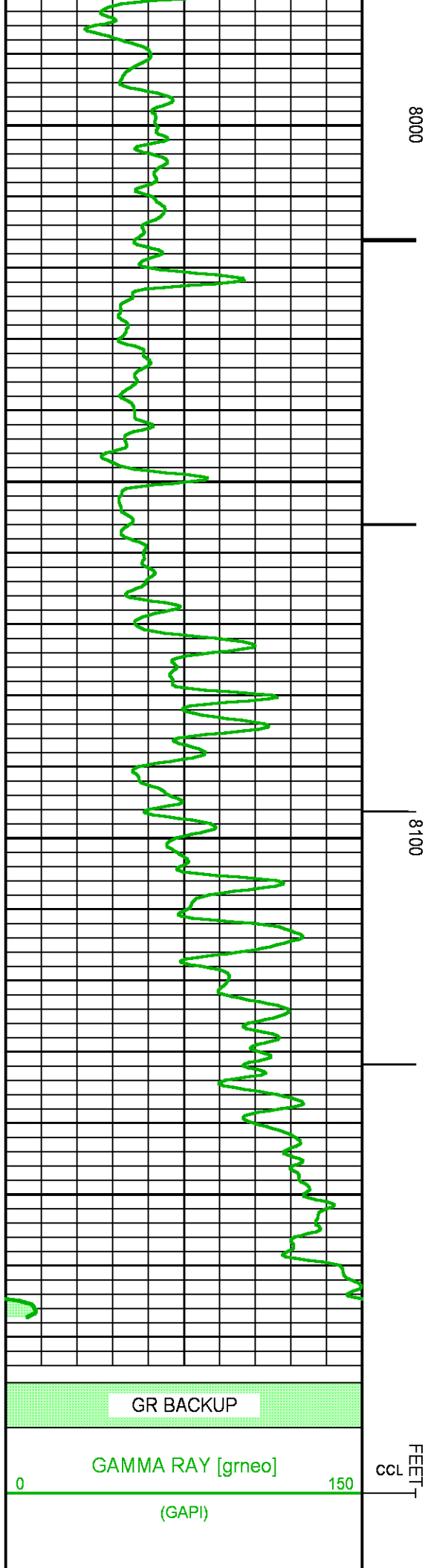





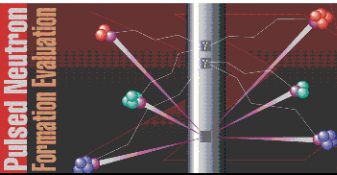








			0.5 (FRAC)	-0.1
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 	COMPANY <u>LARAMIE ENERGY LLC</u> WELL <u>GUNDERSON 0994-14-17E</u> FIELD <u>VEGA</u> COUNTY <u>MESA</u> STATE <u>COLORADO</u>		FILE NO: _____ API NO: <u>05-077-10530-0000</u>
	LOCATION: <u>SEE REMARKS</u> SEC <u>14</u> TWP <u>9S</u> RGE <u>94W</u>	ELEVATIONS: KB <u>7302 FT</u> DF _____ GL <u>7272 FT</u> DATE <u>27-JUN-2018</u>	