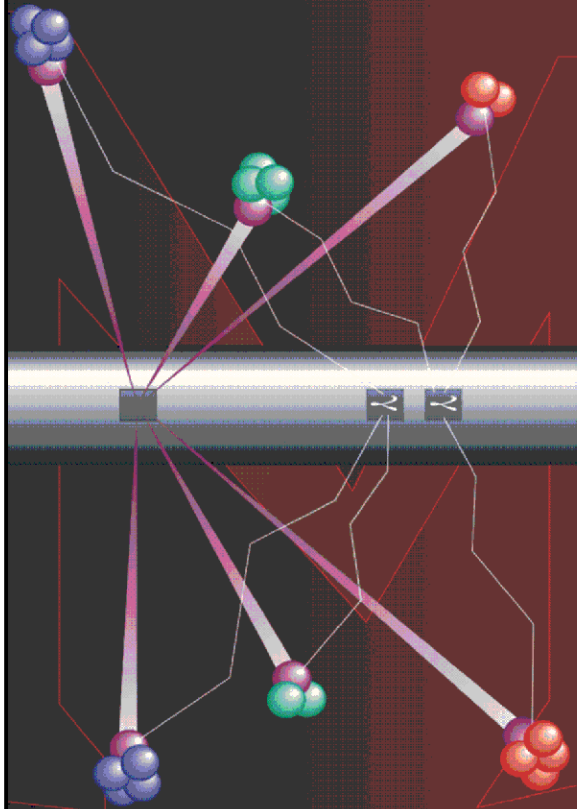


Pulsed Neutron Formation Evaluation



RESERVOIR PERFORMANCE MONITOR NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY LLC

WELL NICHOLS 0994-24-04E

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS

SEC 24 TWP 9S RGE 94W

ELEVATIONS:

KB 7161 FT DF 7160 FT GL 7137 FT

DATE 08-FEB-2018 ECC 30148.01

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>08-FEB-2018</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>	ENGINEER: <u>M. MENTZER</u>	DATE: <u>26-JAN-2018</u>
FROM	TO		
<u>2362 FT</u>	<u>7535 FT</u>		

REMARKS

LOCATION: SHL: LAT: 39.264540N LONG: 107.830679W
BHL: LAT: 39.267392N LONG: 107.826029W

TRAINING WELL:
NICHOLS 0994-24-06W

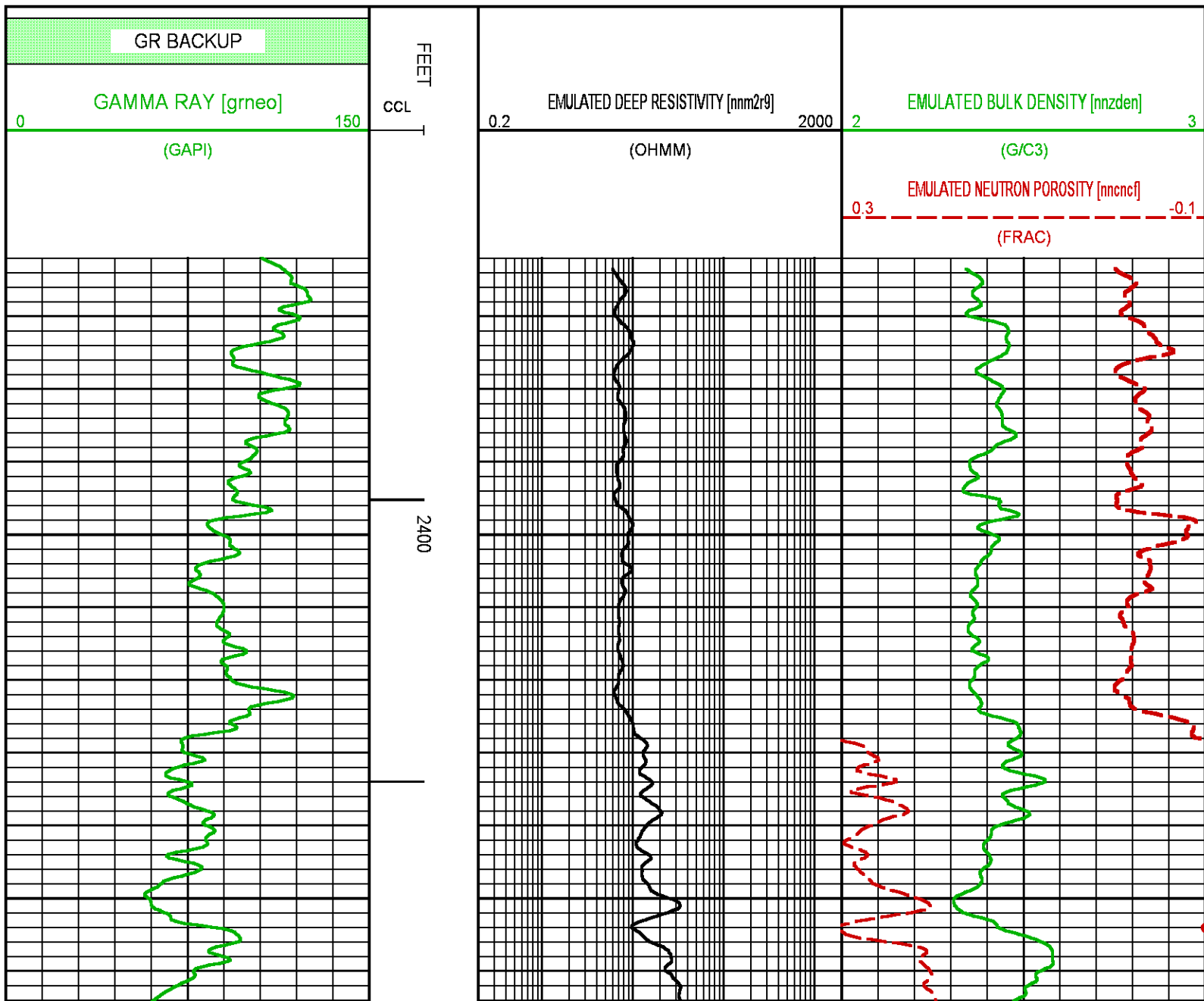
ANY ERRORS IN THE TRAINING WELL OPENHOLE DATA CAN PERETUATE THROUGH AS ERROR IN THE EMULATED RESULTS

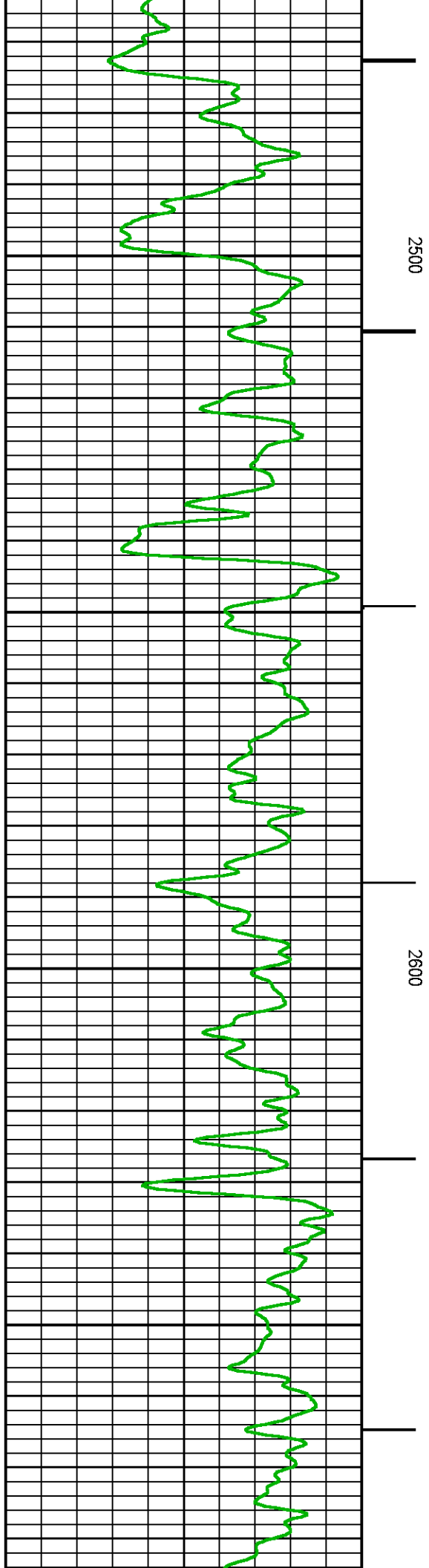
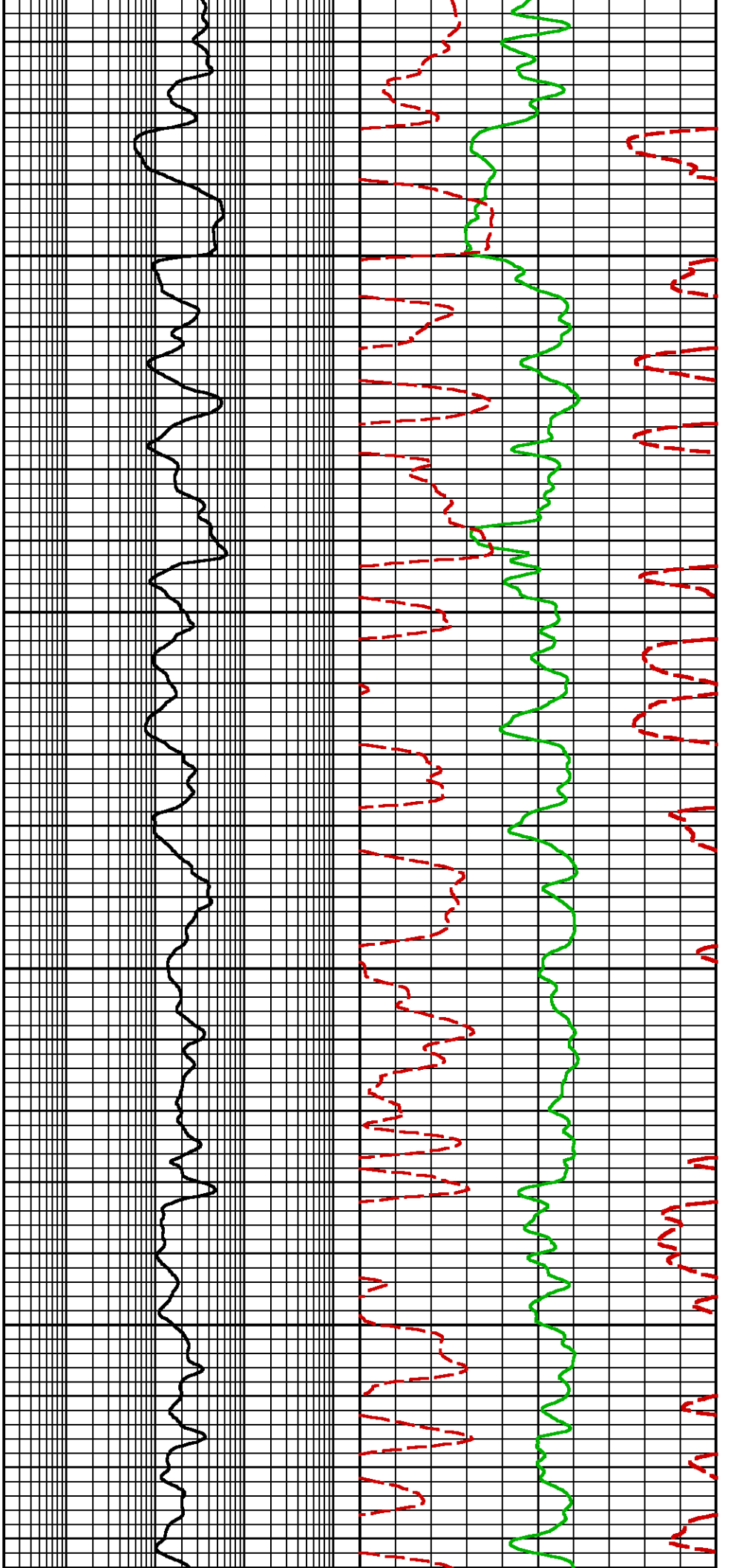
BOND LOG IS DEPTH REFERENCE LOG

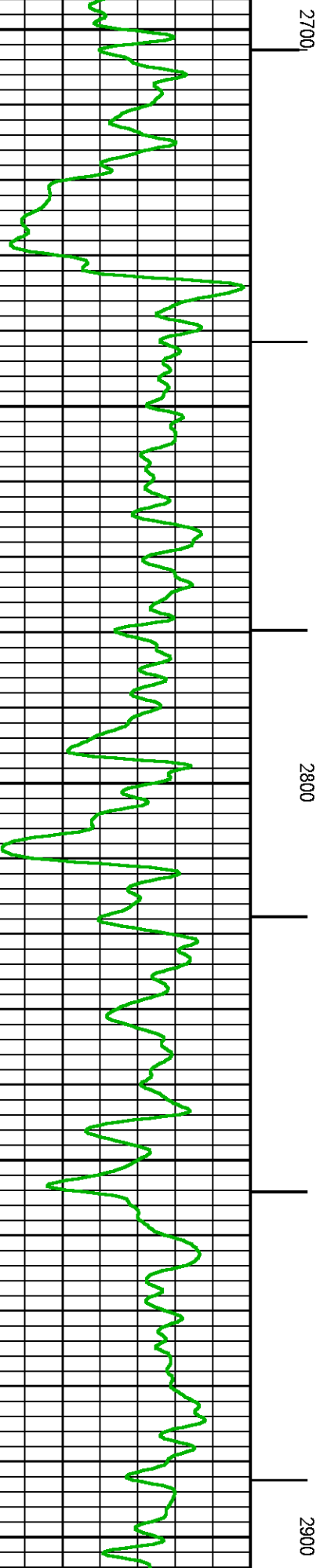
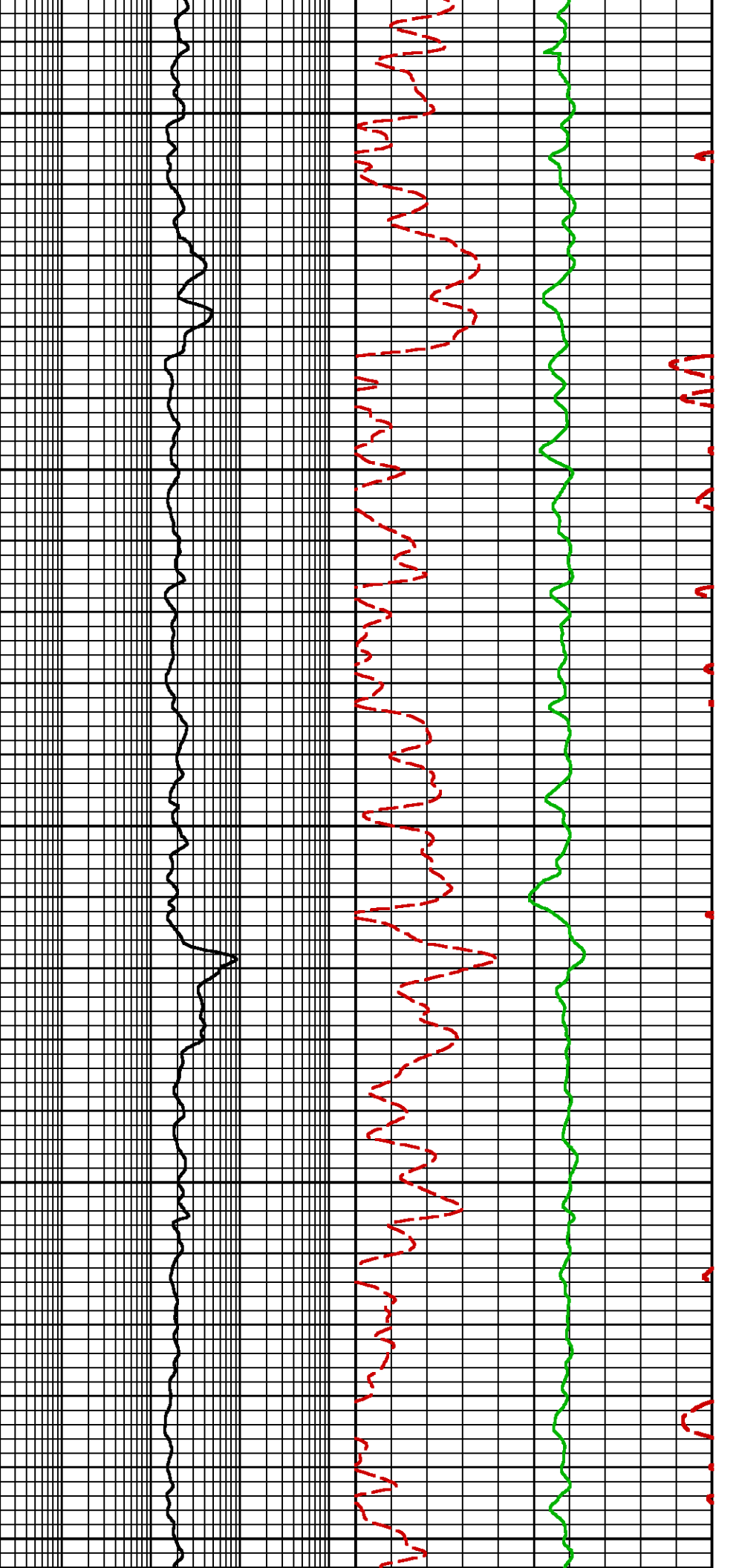
NEO RESULTS FOR NICHOLS 0994-24-04E (G-SAND)

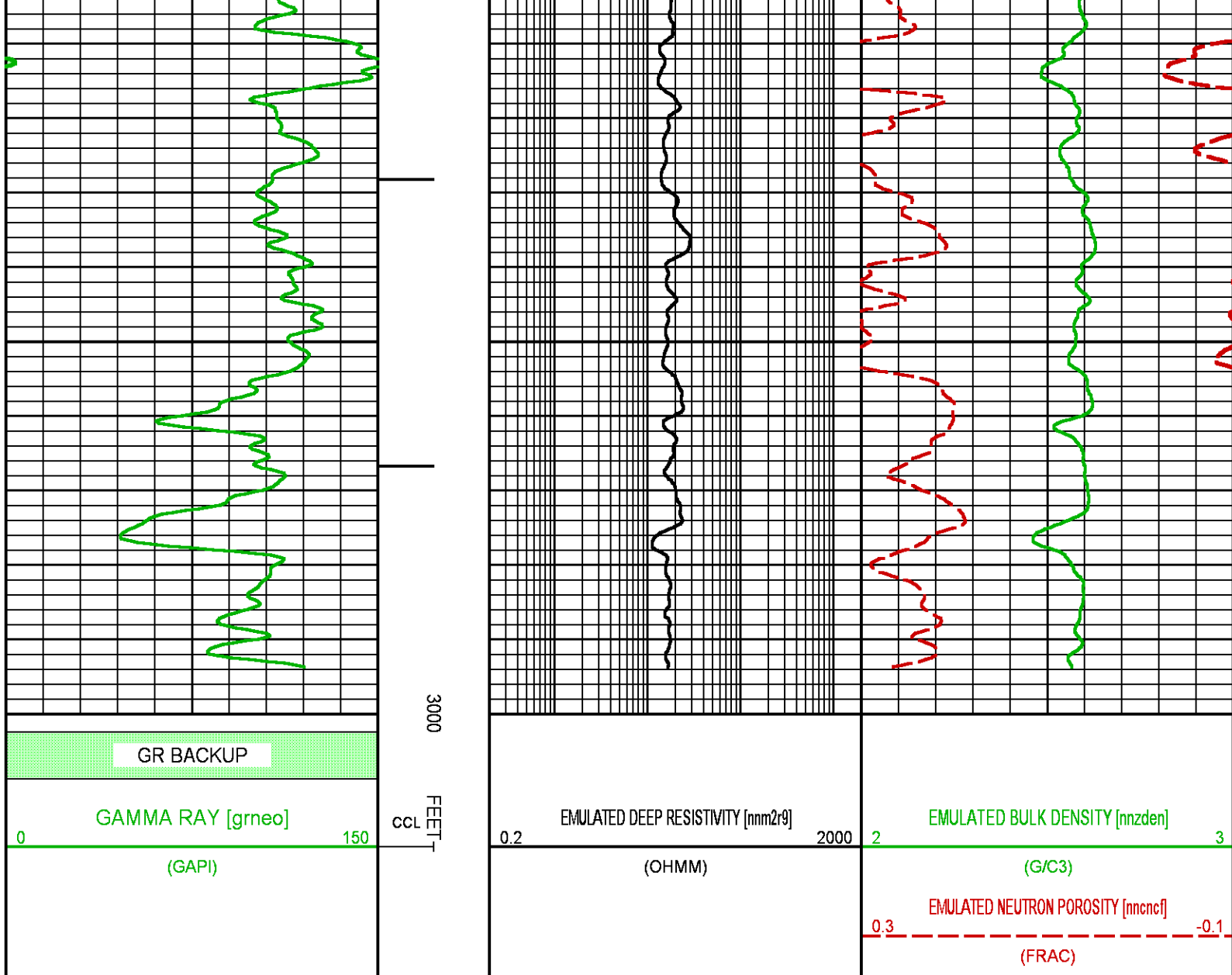
Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape_Projects\laramie_nichols_24_04e\NEO_PRESENTATION_LARAMIE_G-Sand.pdf [5"/100' Scale]
Plot Interval : 2362 - 3000 Feet

Data File 1 : F1 : BHI3BKZH12:C:\Ape_Projects\laramie_nichols_24_04e\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : NICHOLS 0994-24-04E
Field : VEGA
File Interval : 2362 - 7535 Feet
OCT : NA





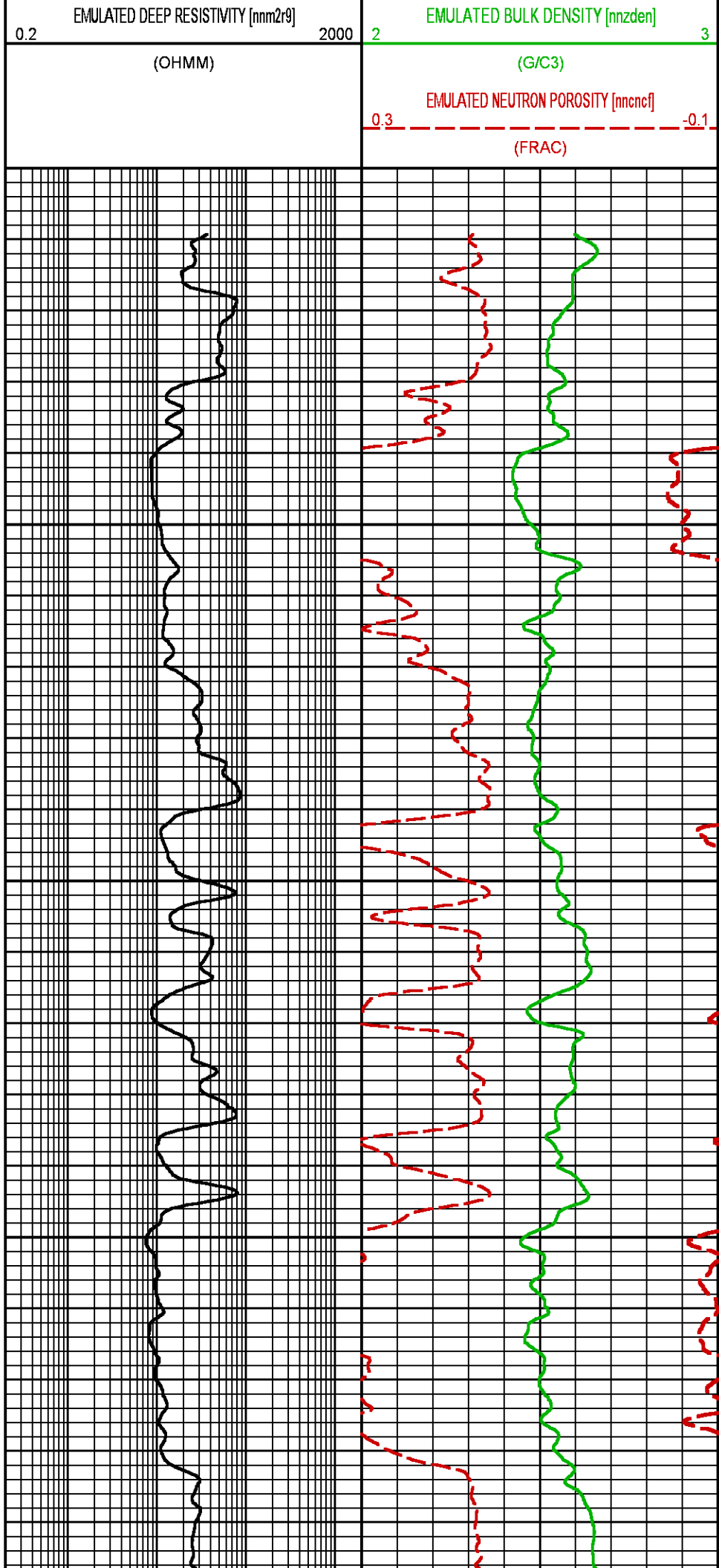
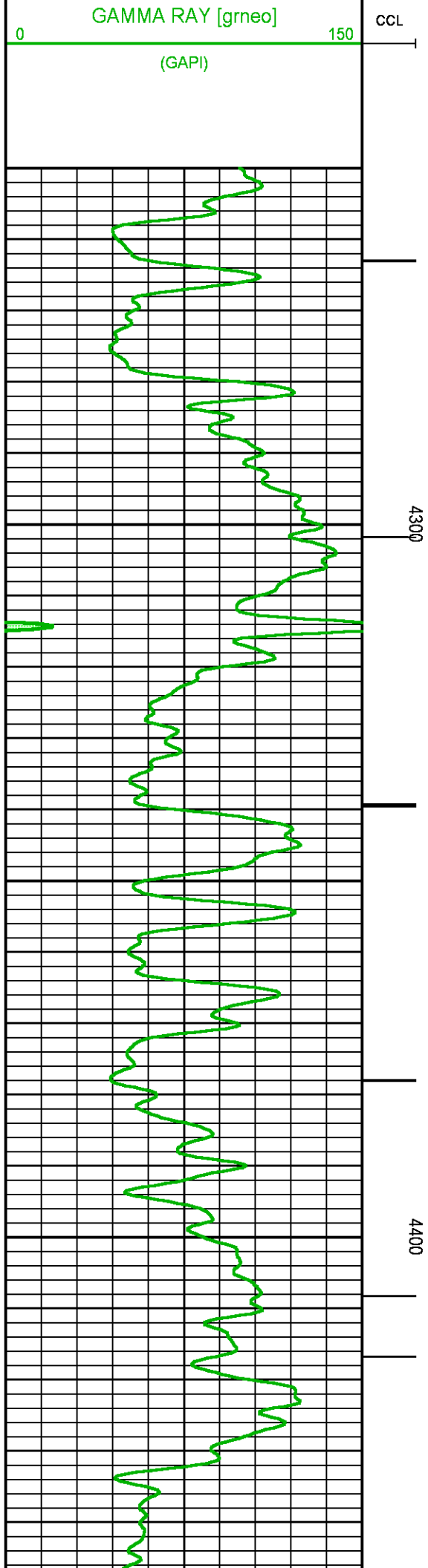


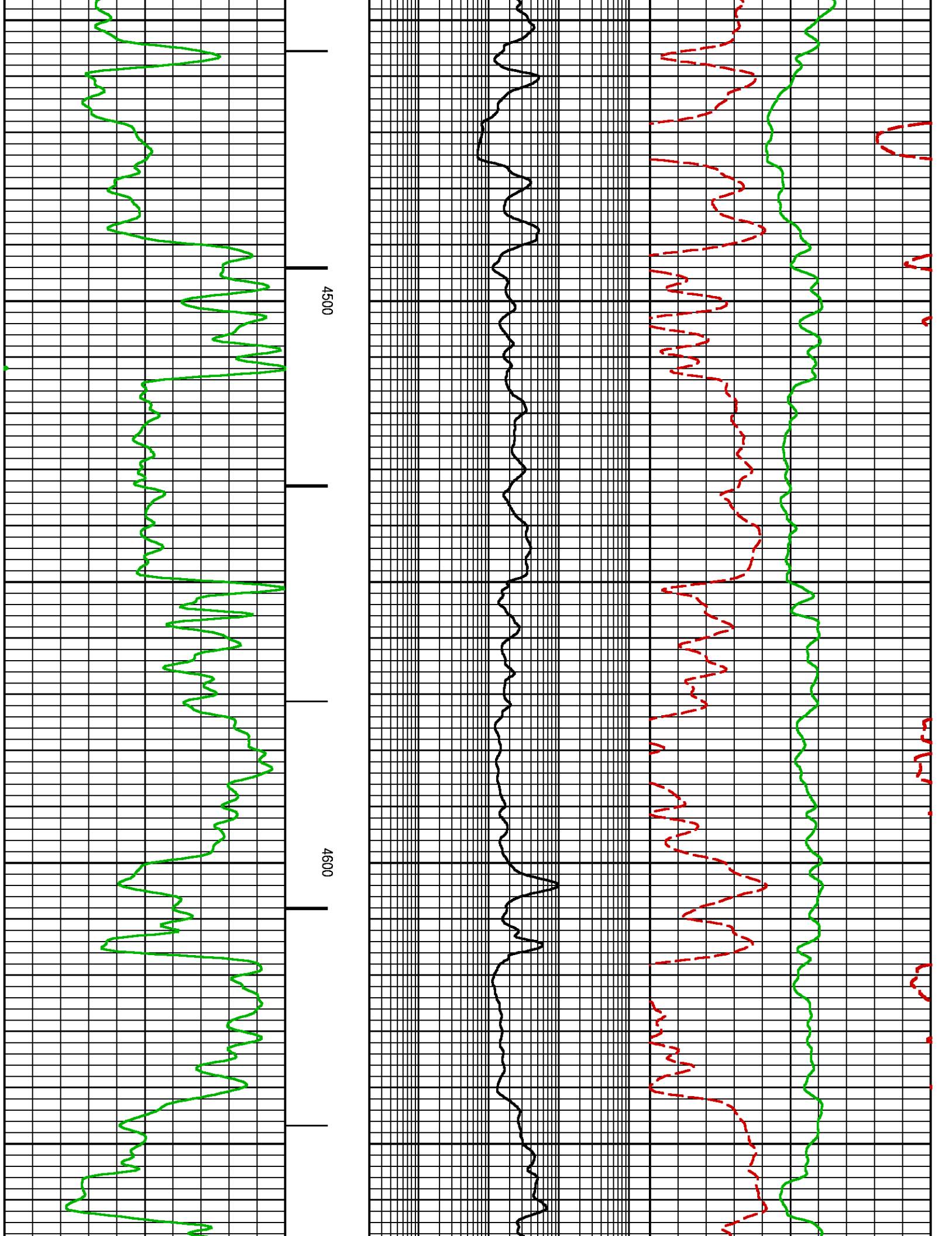


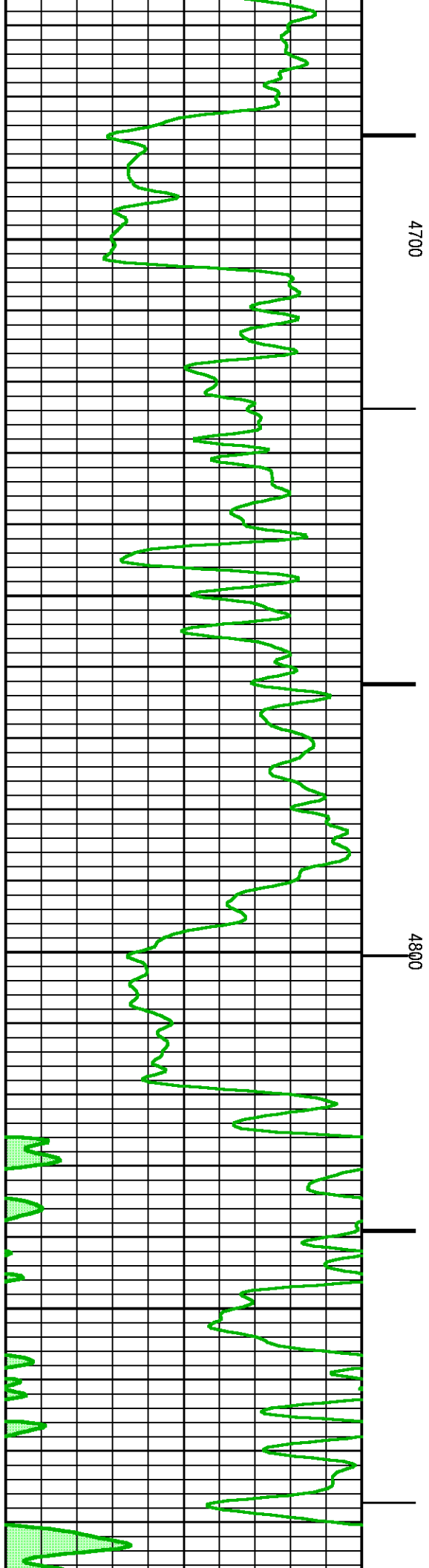
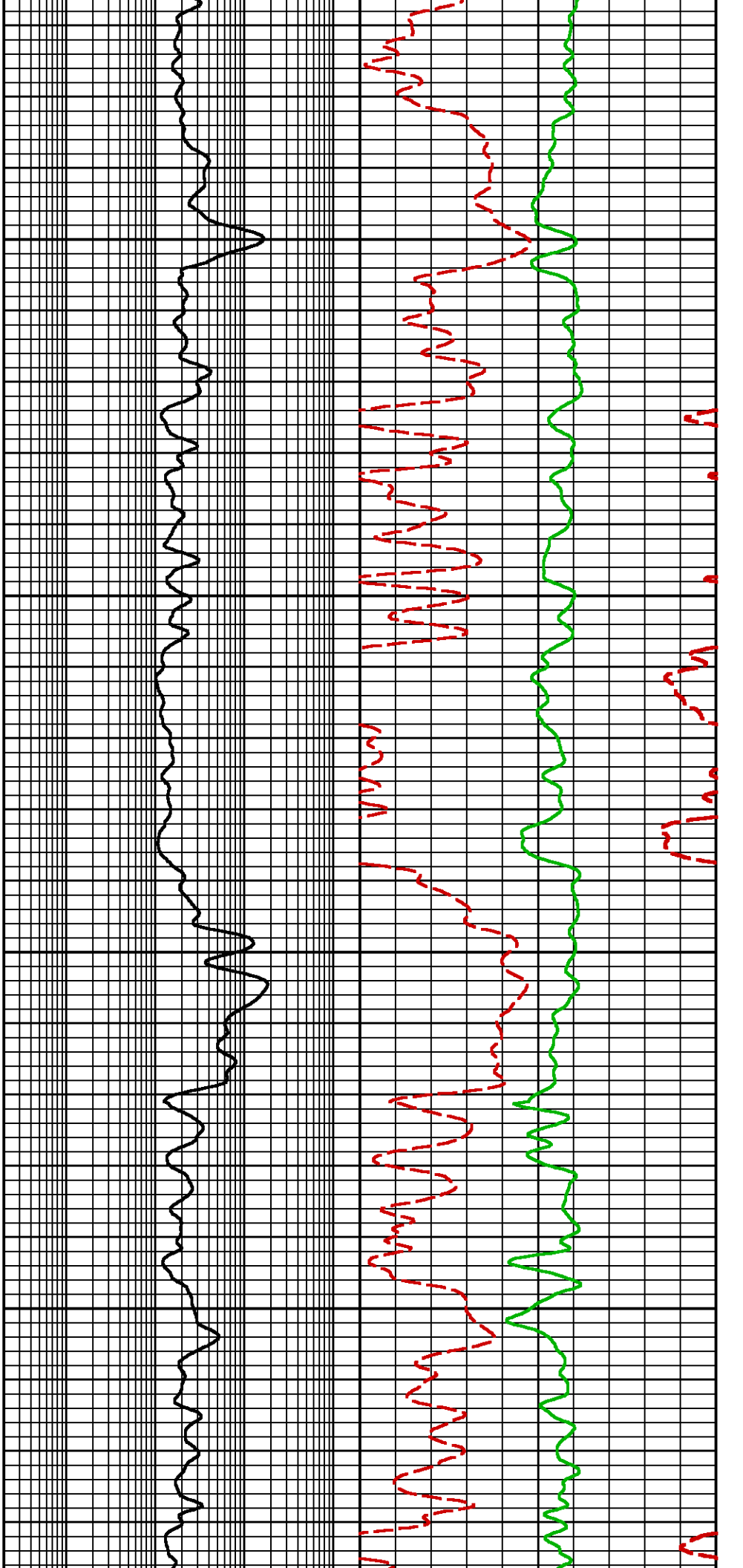
NEO RESULTS FOR NICHOLS 0994-24-04E (MAIN)

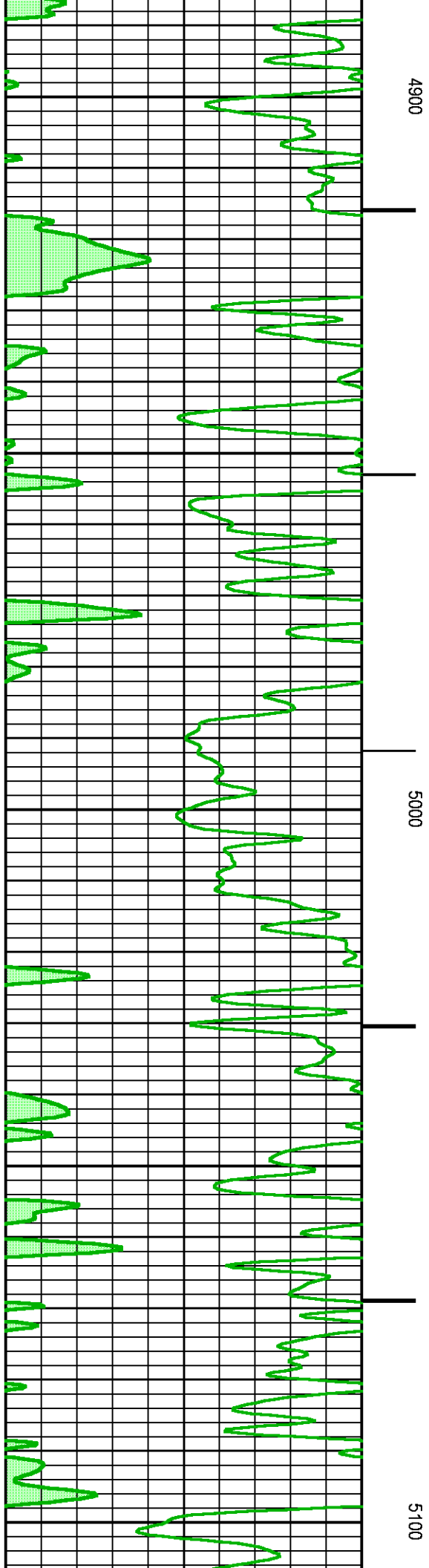
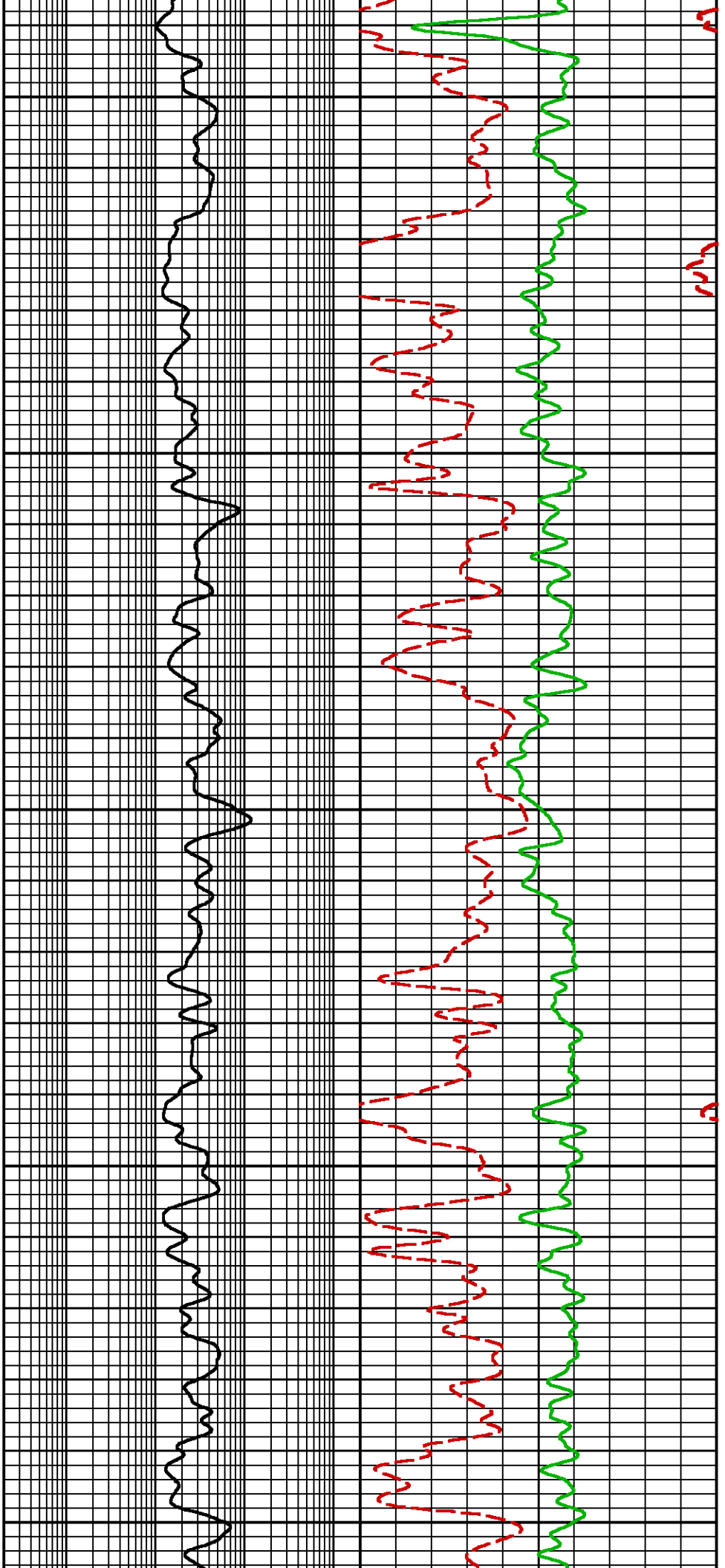
Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape_Projects\laramie_nichols_24_04e\NEO_PRESENTATION_LARAMIE_MAIN.pdf [5"/100' Scale]
Plot Interval : 4250 - 7535 Feet
Data File 1 : F1 : BHI3BKZH12:C:\Ape_Projects\laramie_nichols_24_04e\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : NICHOLS 0994-24-04E
Field : VEGA
File Interval : 2362 - 7535 Feet
OCT : NA

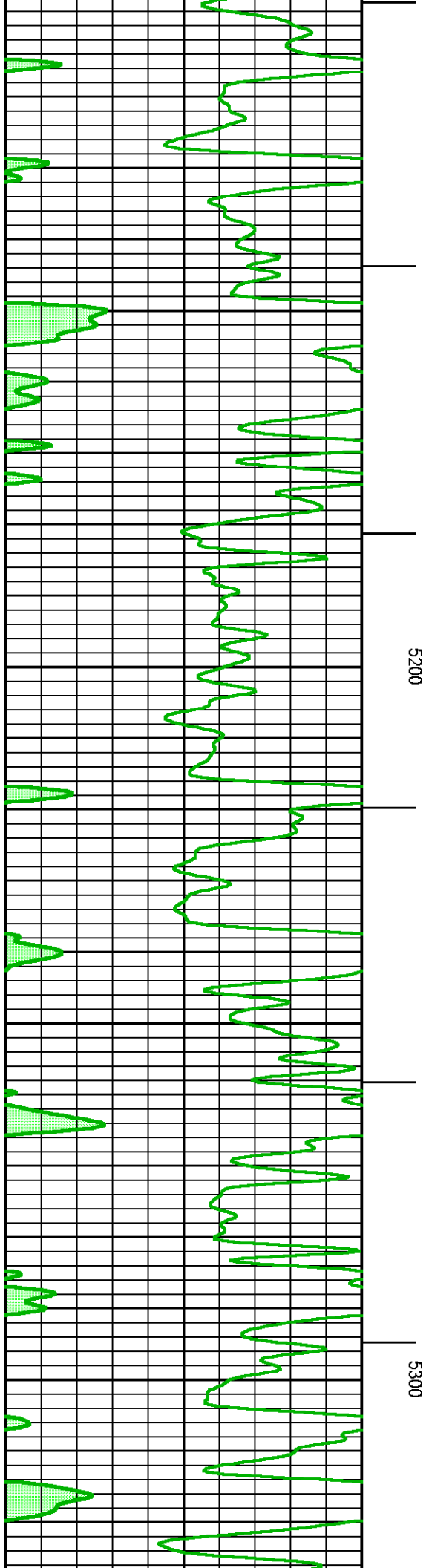
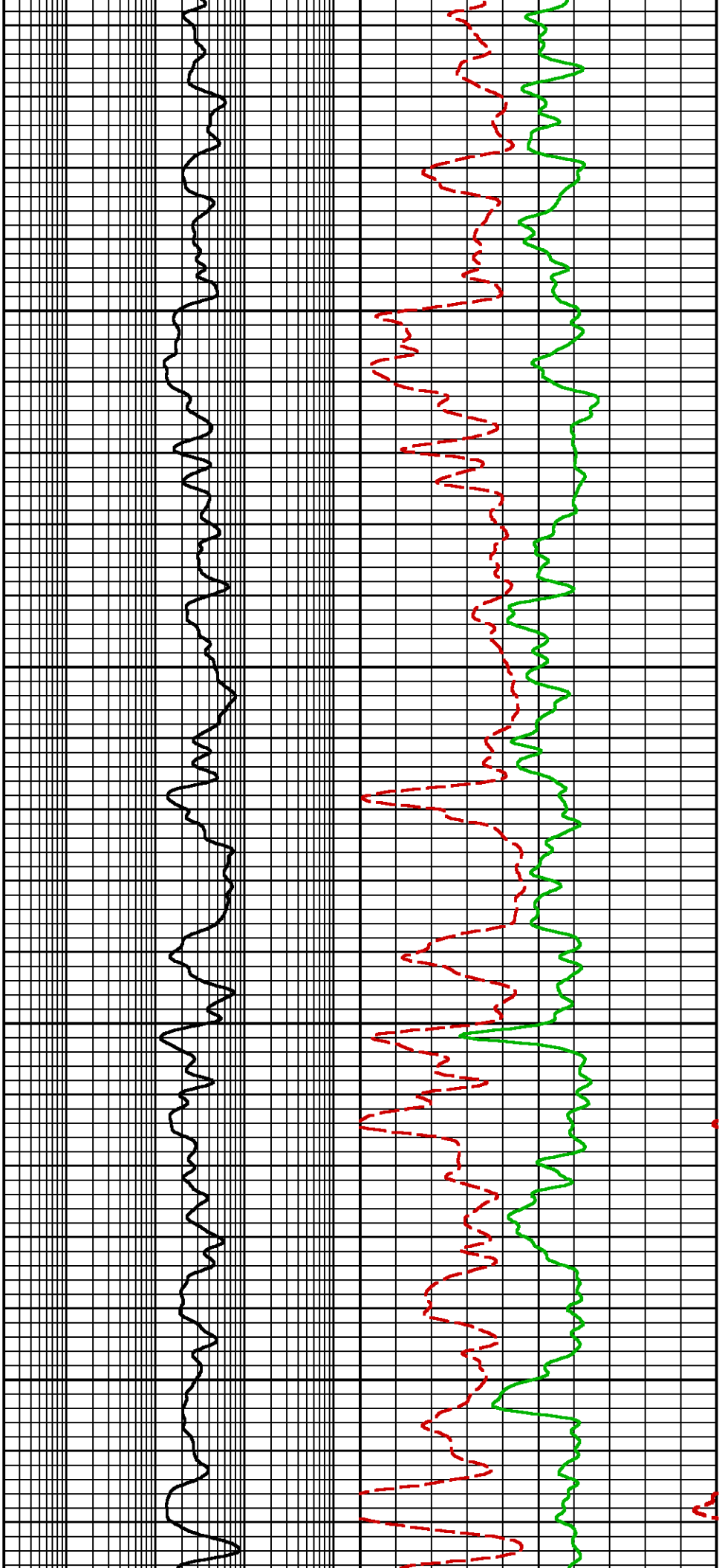


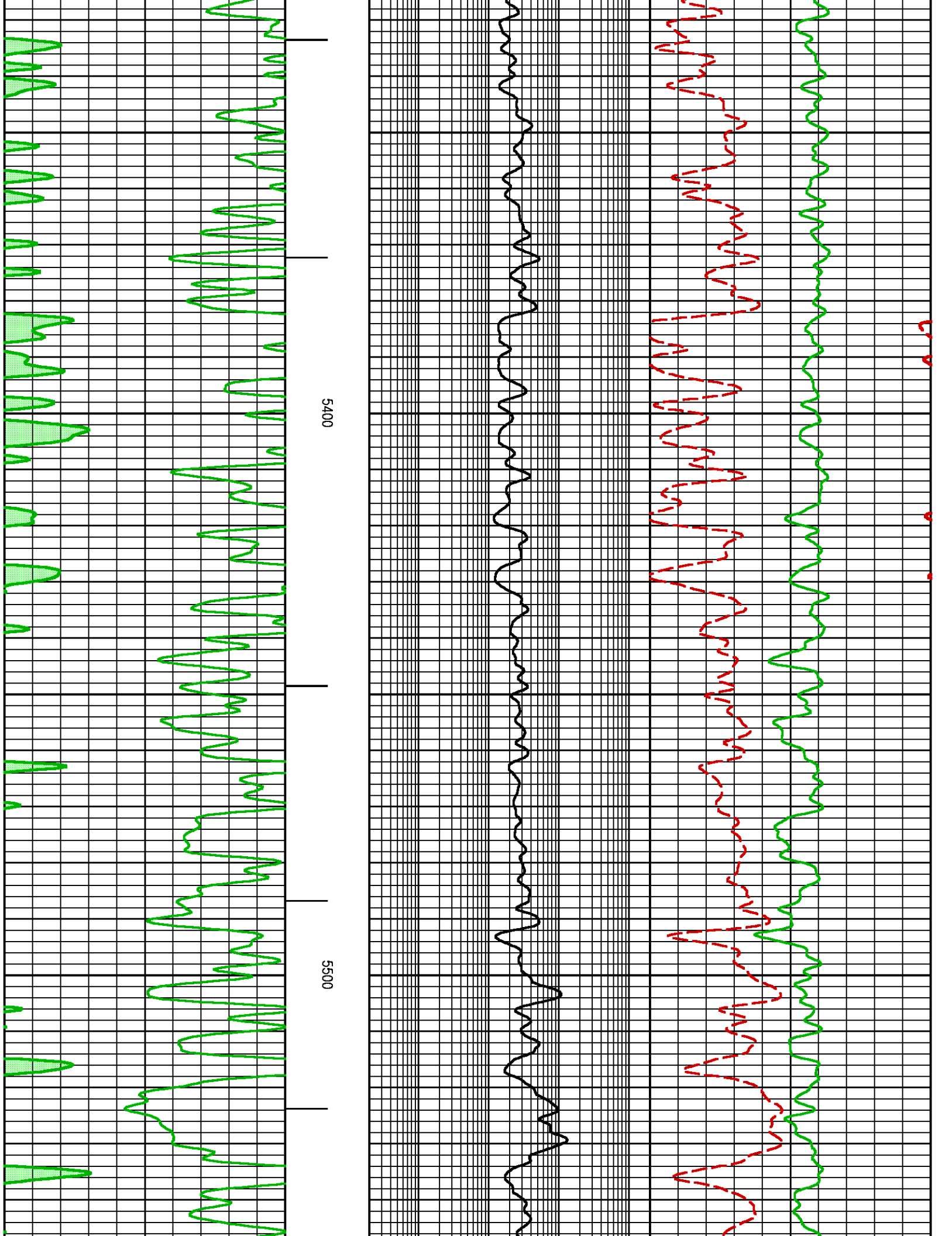


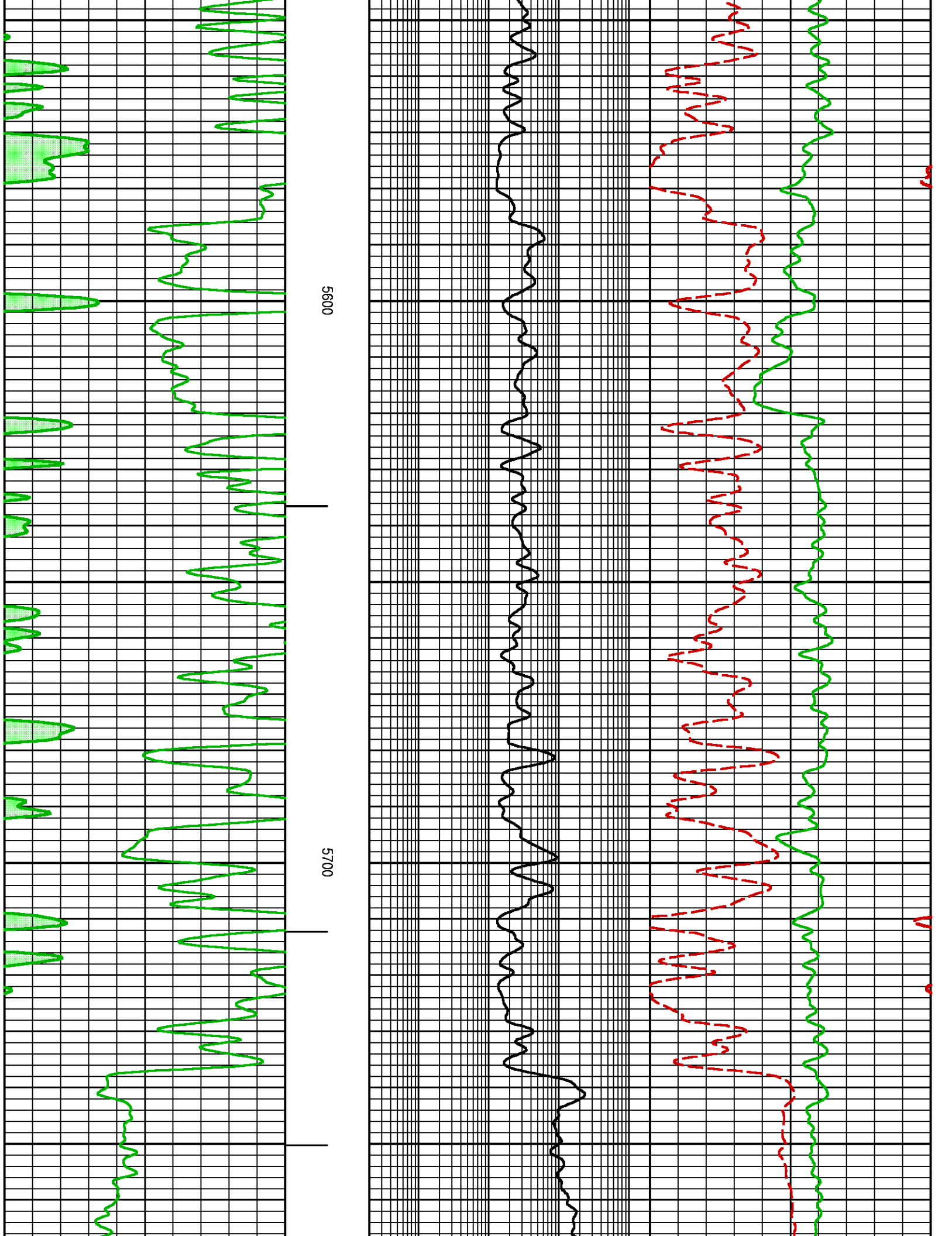


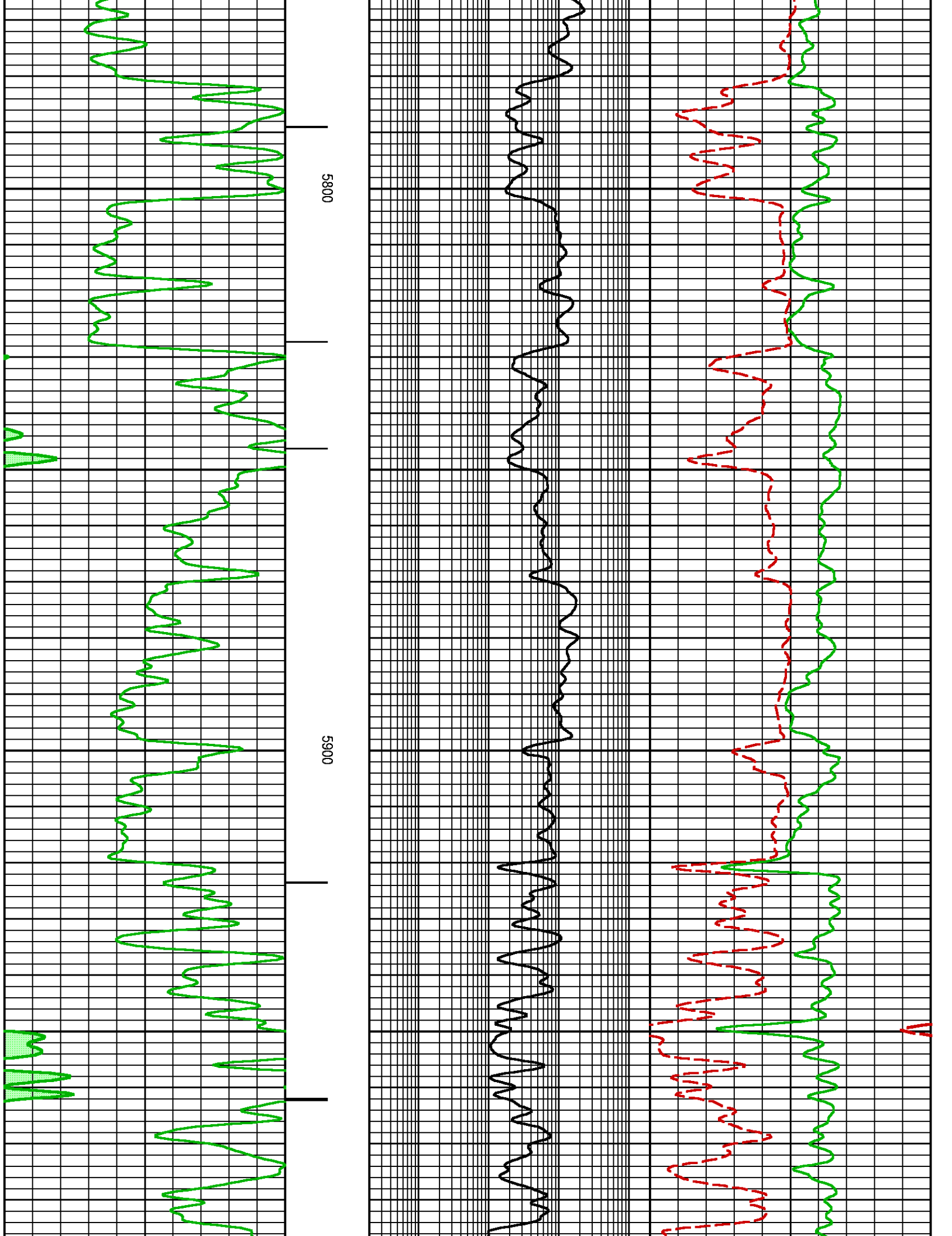


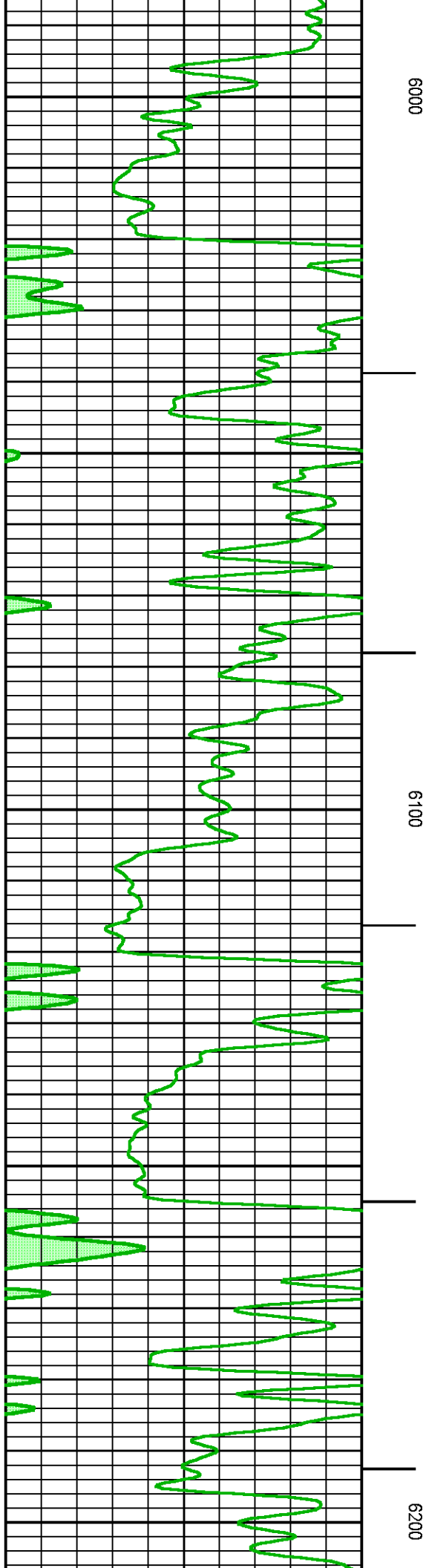
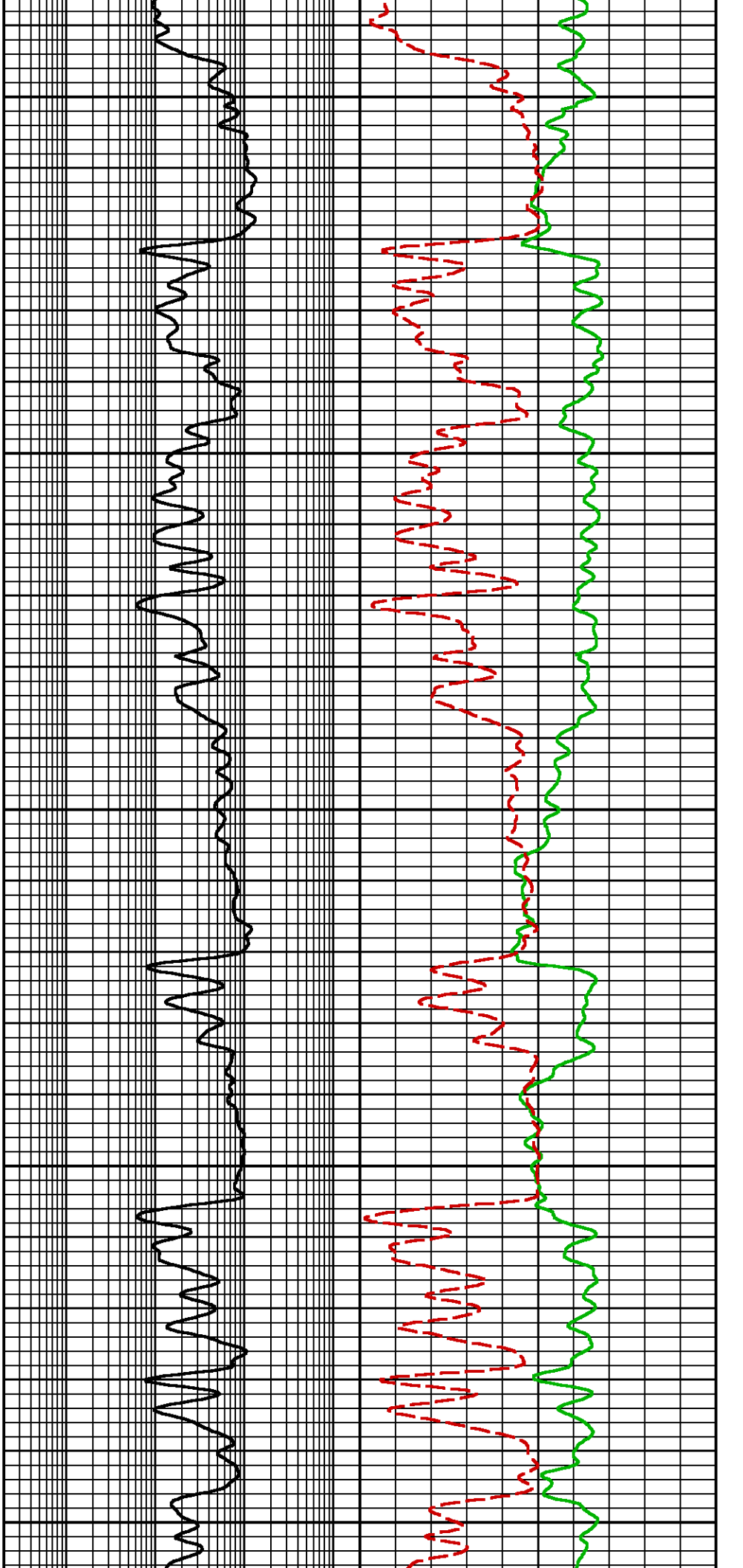


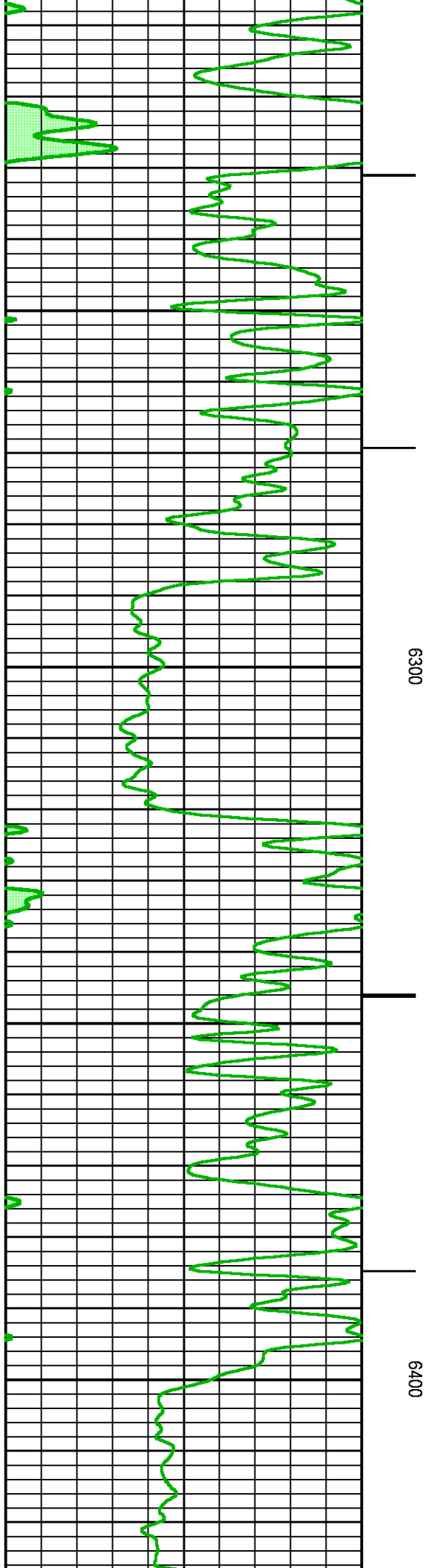
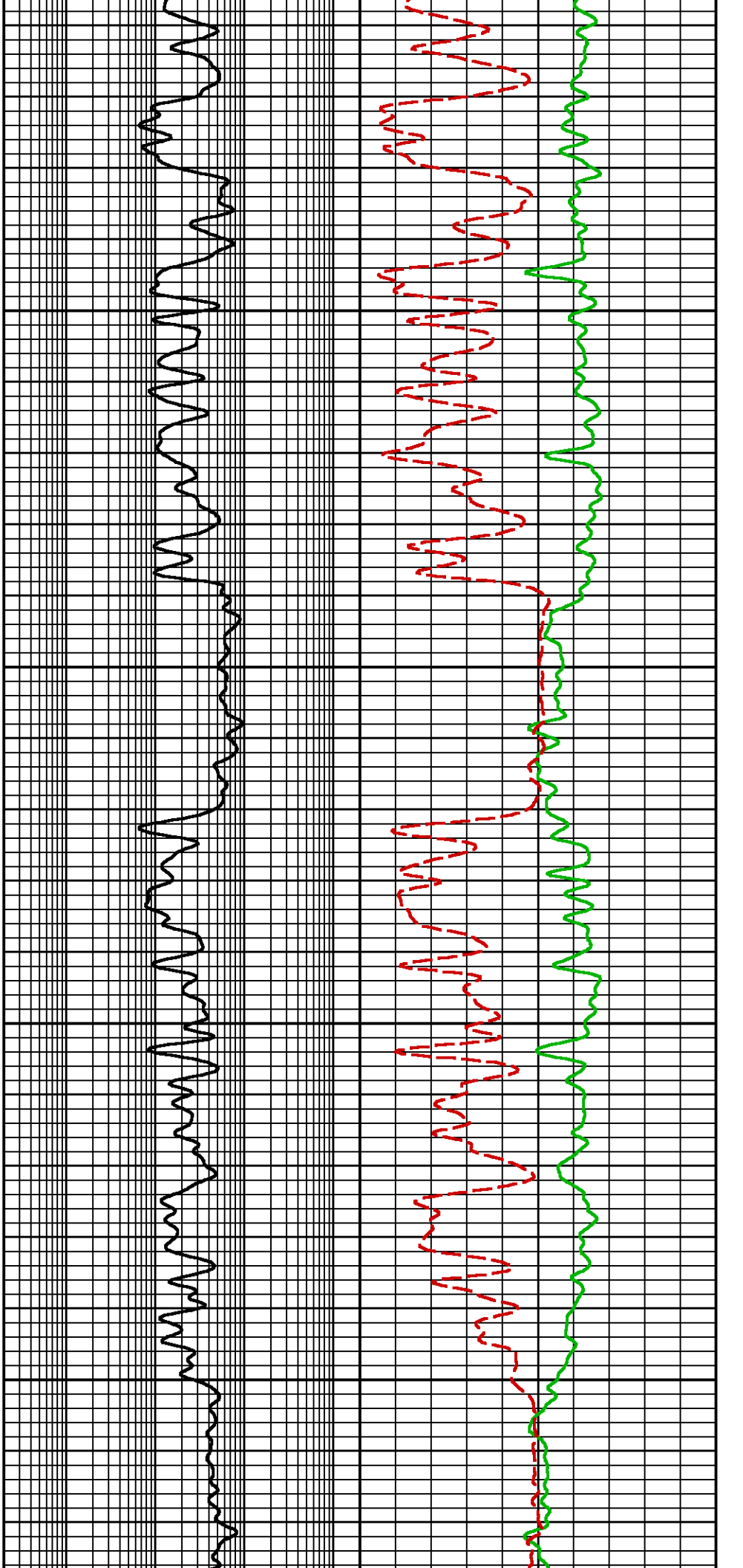


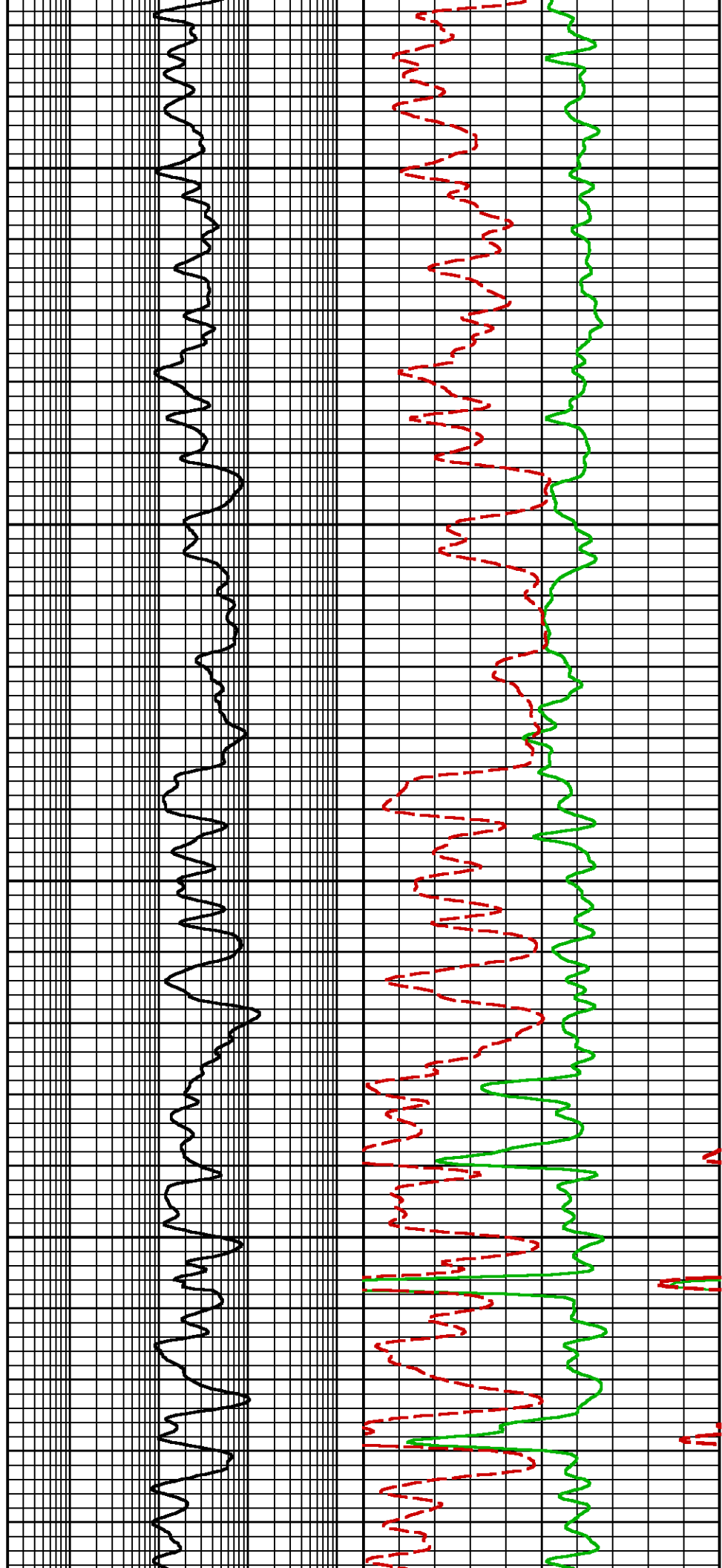
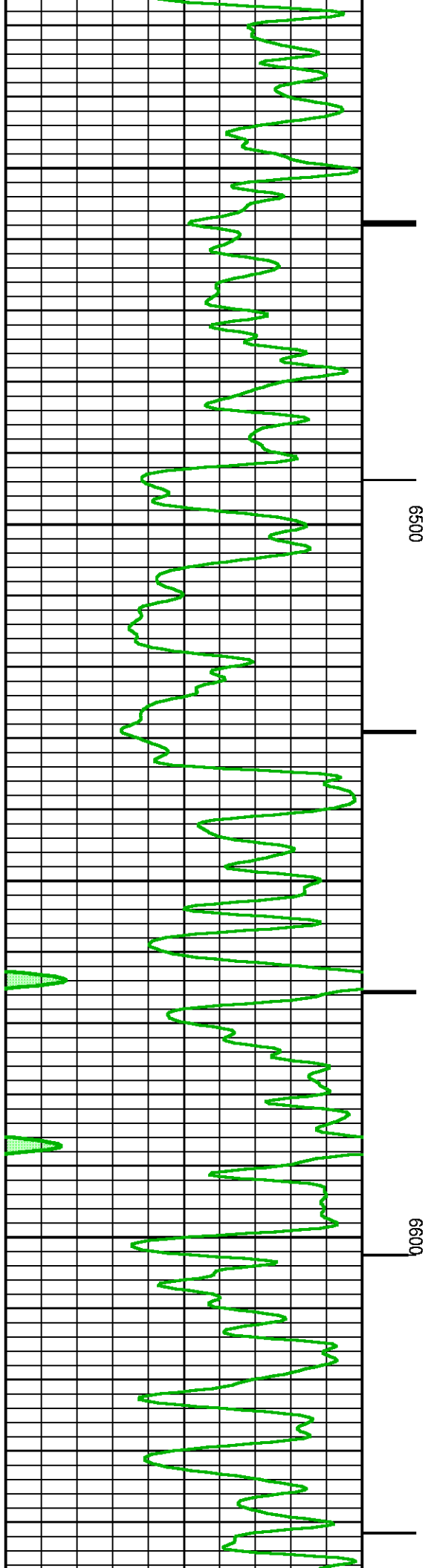


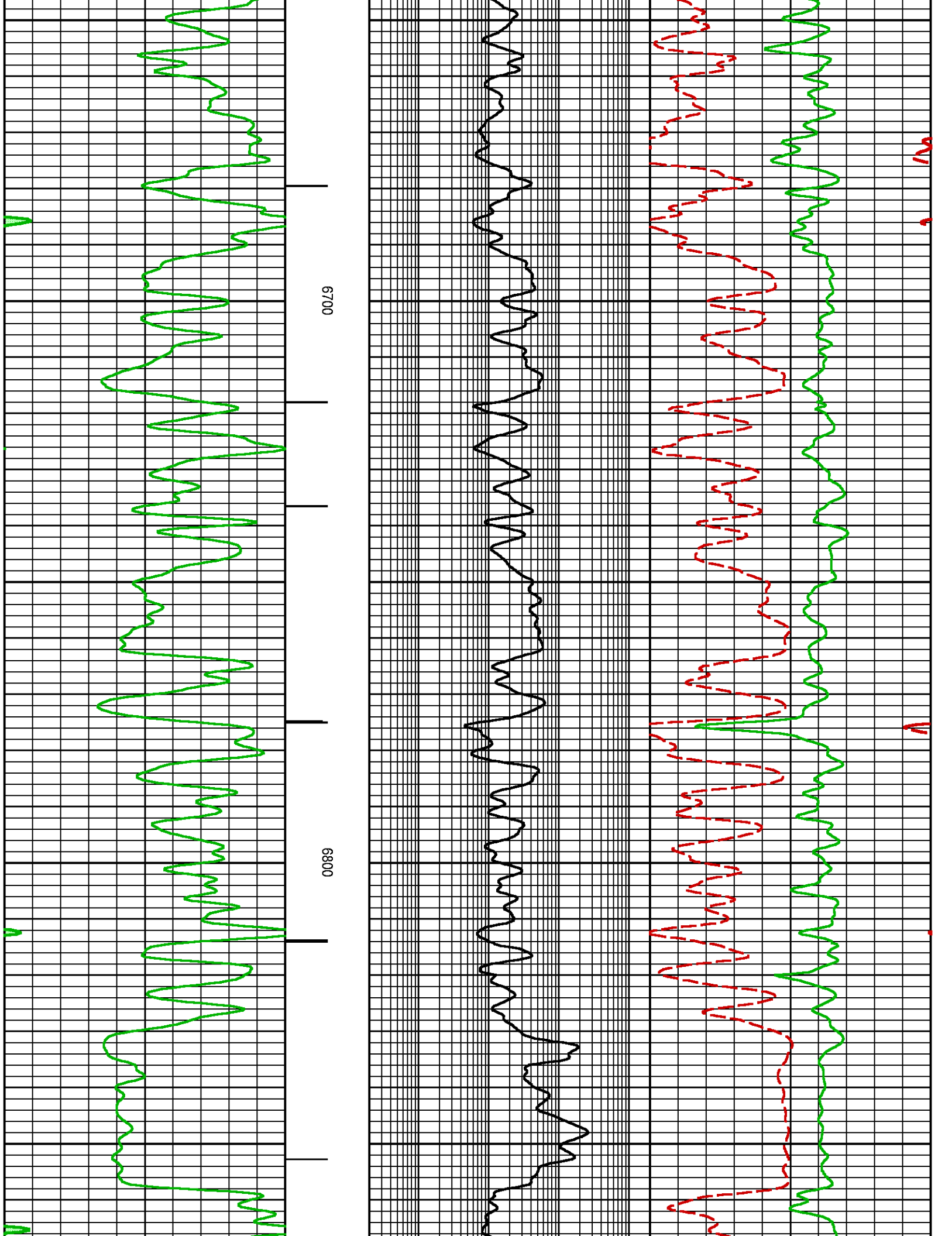


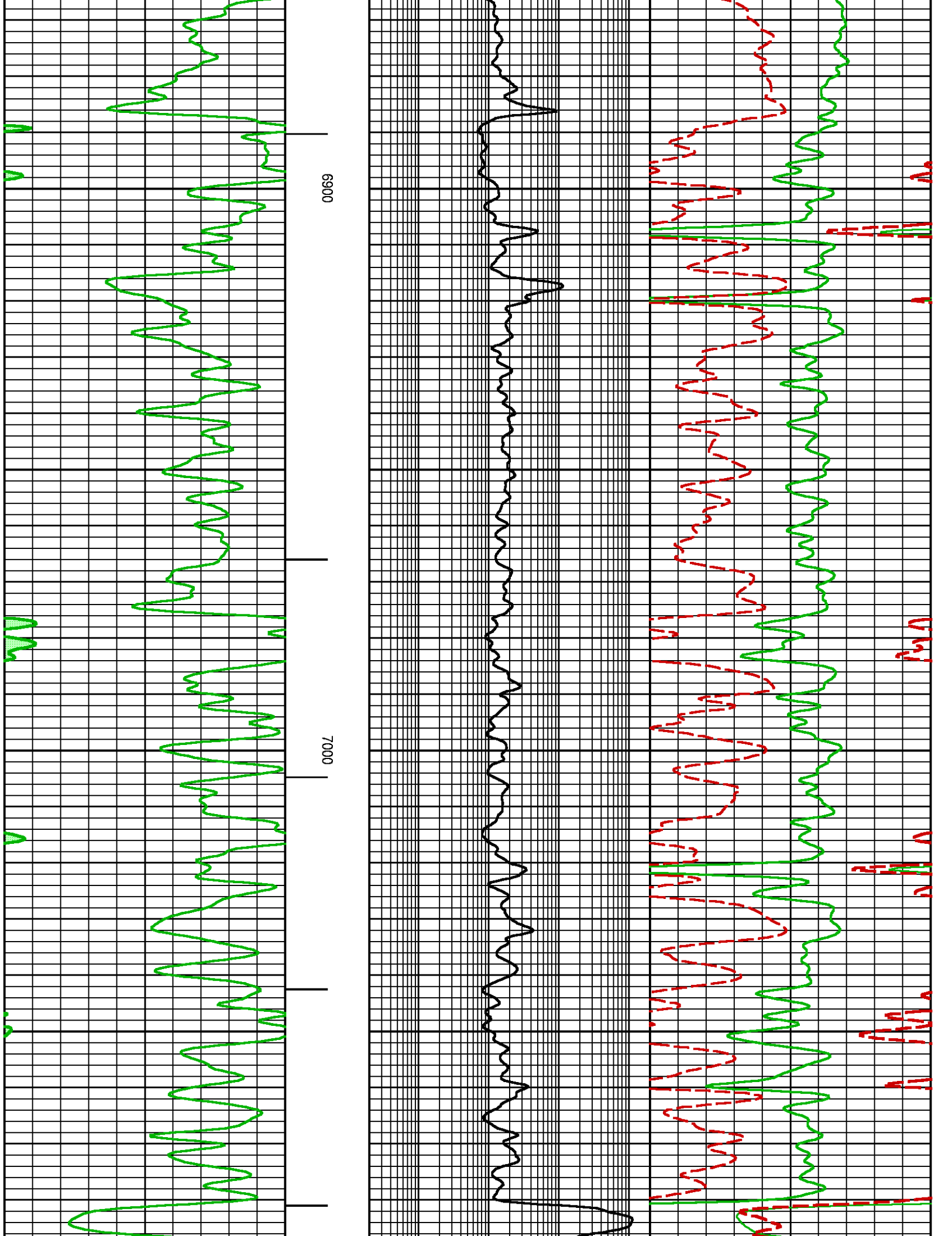


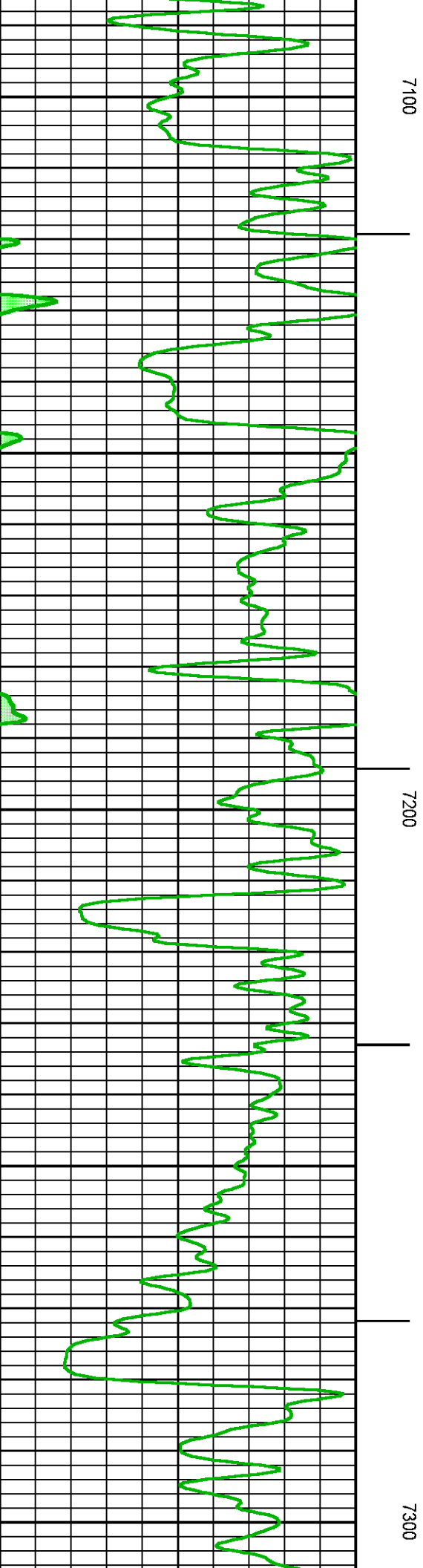
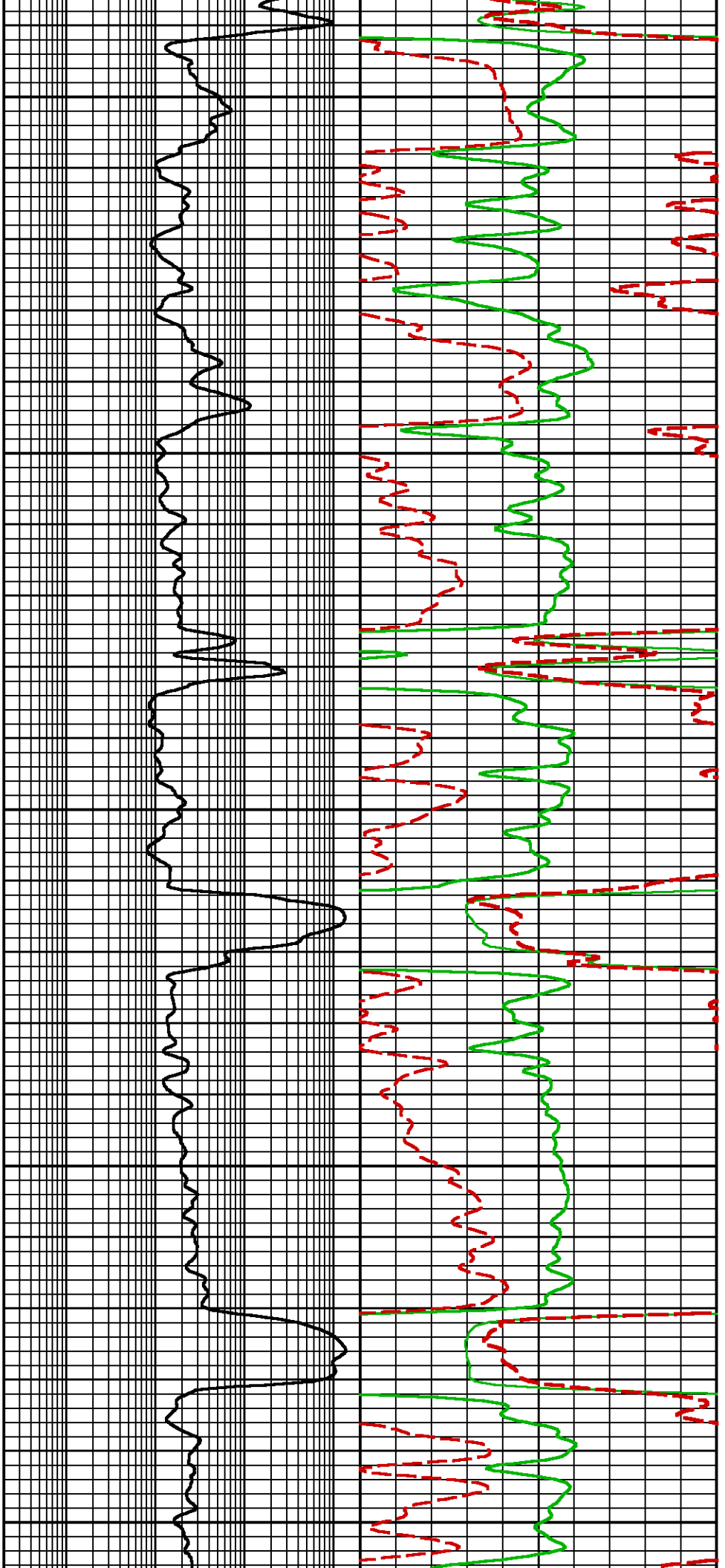


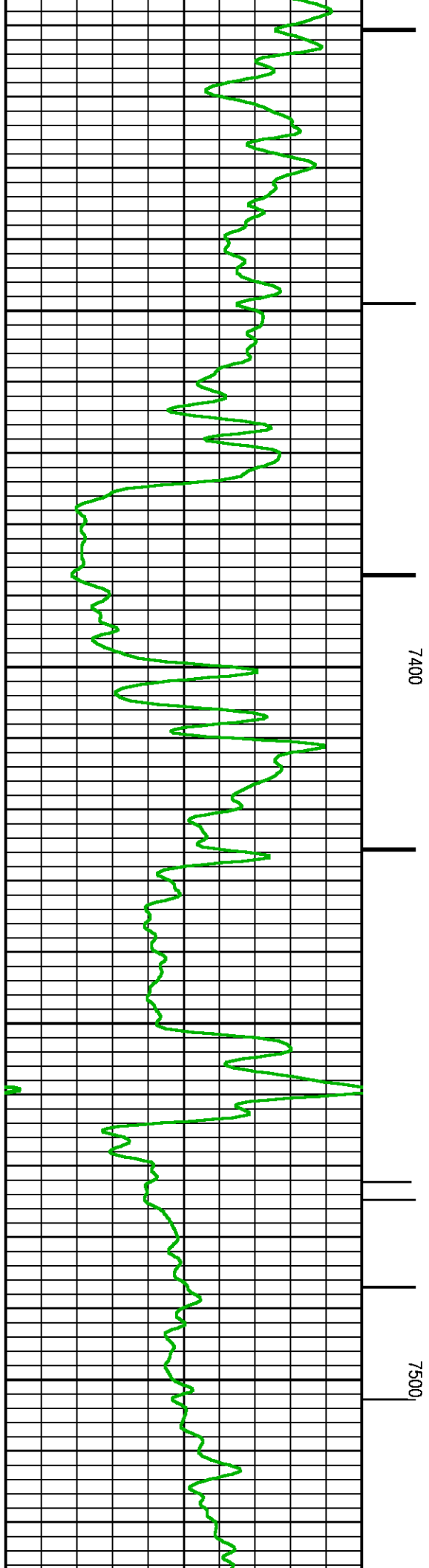
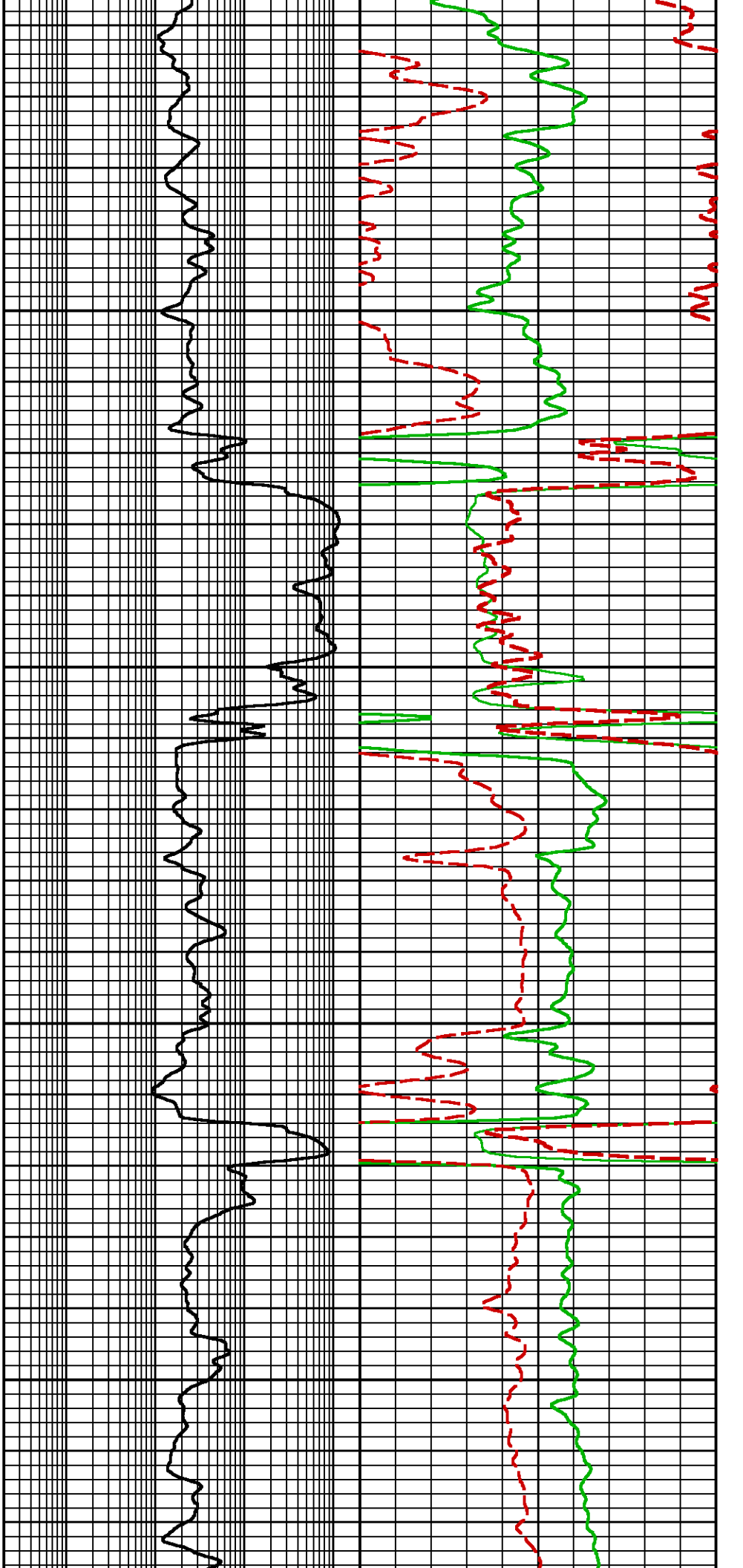




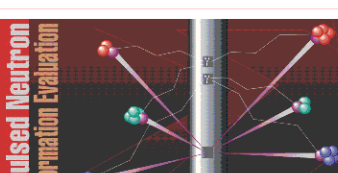










 	COMPANY <u>LARAMIE ENERGY LLC</u>		FILE NO: _____
	WELL <u>NICHOLS 0994-24-04E</u>		API NO: _____
	FIELD <u>VEGA</u>		API NO: _____
	COUNTY <u>MESA</u>	STATE <u>COLORADO</u>	<u>05-077-10420-0000</u>
LOCATION: <u>SEE REMARKS</u>		ELEVATIONS: KB <u>7161 FT</u> DF <u>7160 FT</u> GL <u>7137 FT</u>	
SEC <u>24</u> TWP <u>9S</u> RGE <u>94W</u>		DATE <u>08-FEB-2018</u>	