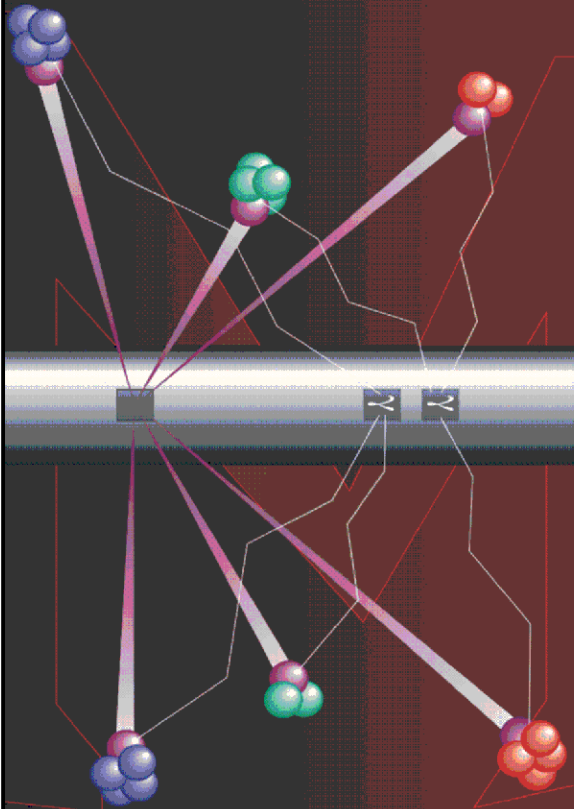


Pulsed Neutron Formation Evaluation



RESERVOIR PERFORMANCE MONITOR NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY LLC

WELL GUNDERSON 0994-14-12E

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS

SEC 14 TWP 9S RGE 94W

ELEVATIONS:

KB 7302 FT DF GL 7272 FT

DATE 22-JUN-2018 ECC 136897

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>22-JUN-2018</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>	ENGINEER: <u>M. BAUKA</u>	DATE: <u>15-JUN-2018</u>
FROM	TO		
<u>2510 FT</u>	<u>8196 FT</u>		

REMARKS

LOCATION: LAT: 39.273858N LONG: 107.834945W

TRAINING WELL:
GUNDERSON 13-06W

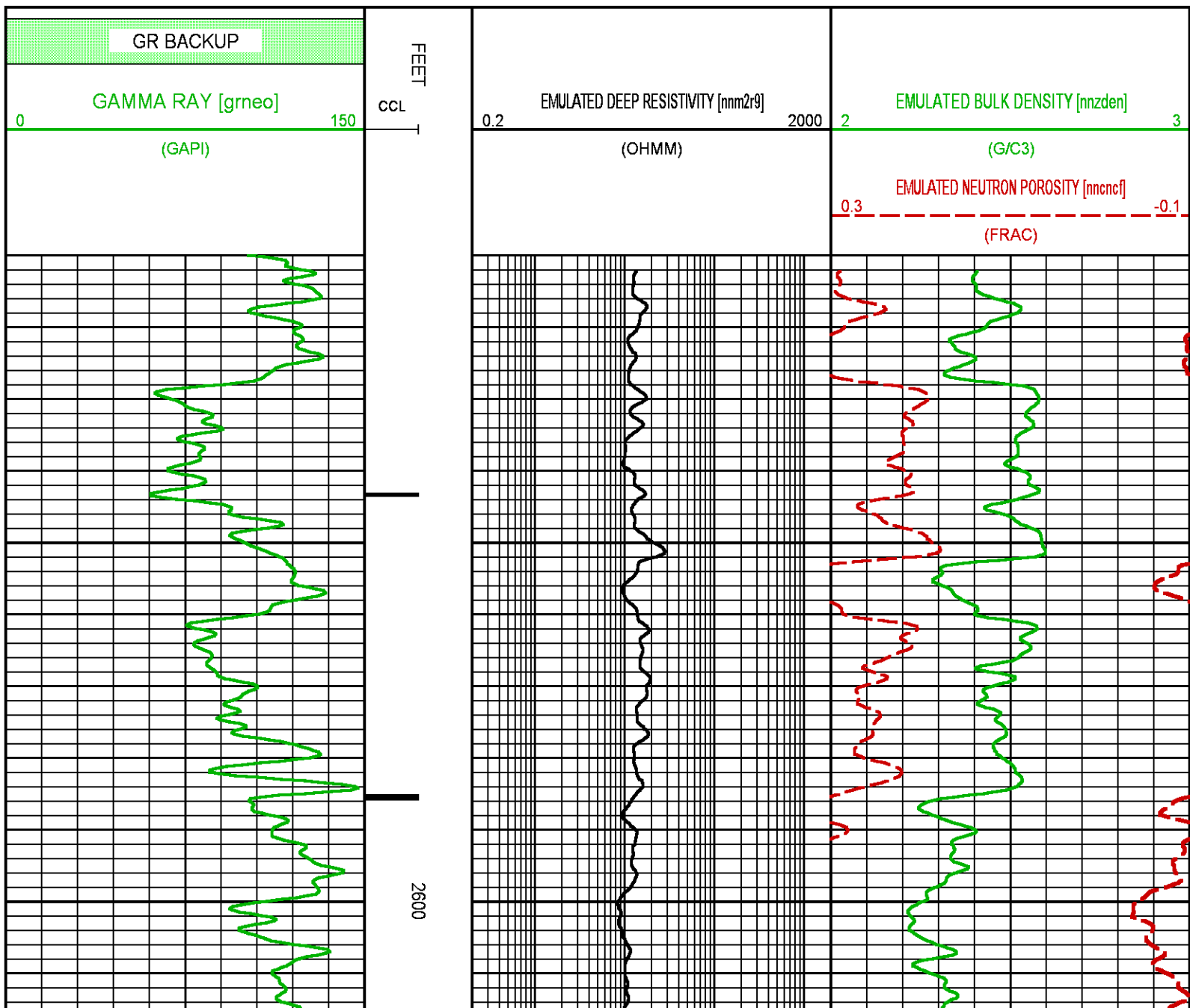
ANY ERRORS IN THE TRAINING WELL OPENHOLE DATA CAN PERETUATE THROUGH AS ERROR IN THE EMULATED RESULTS

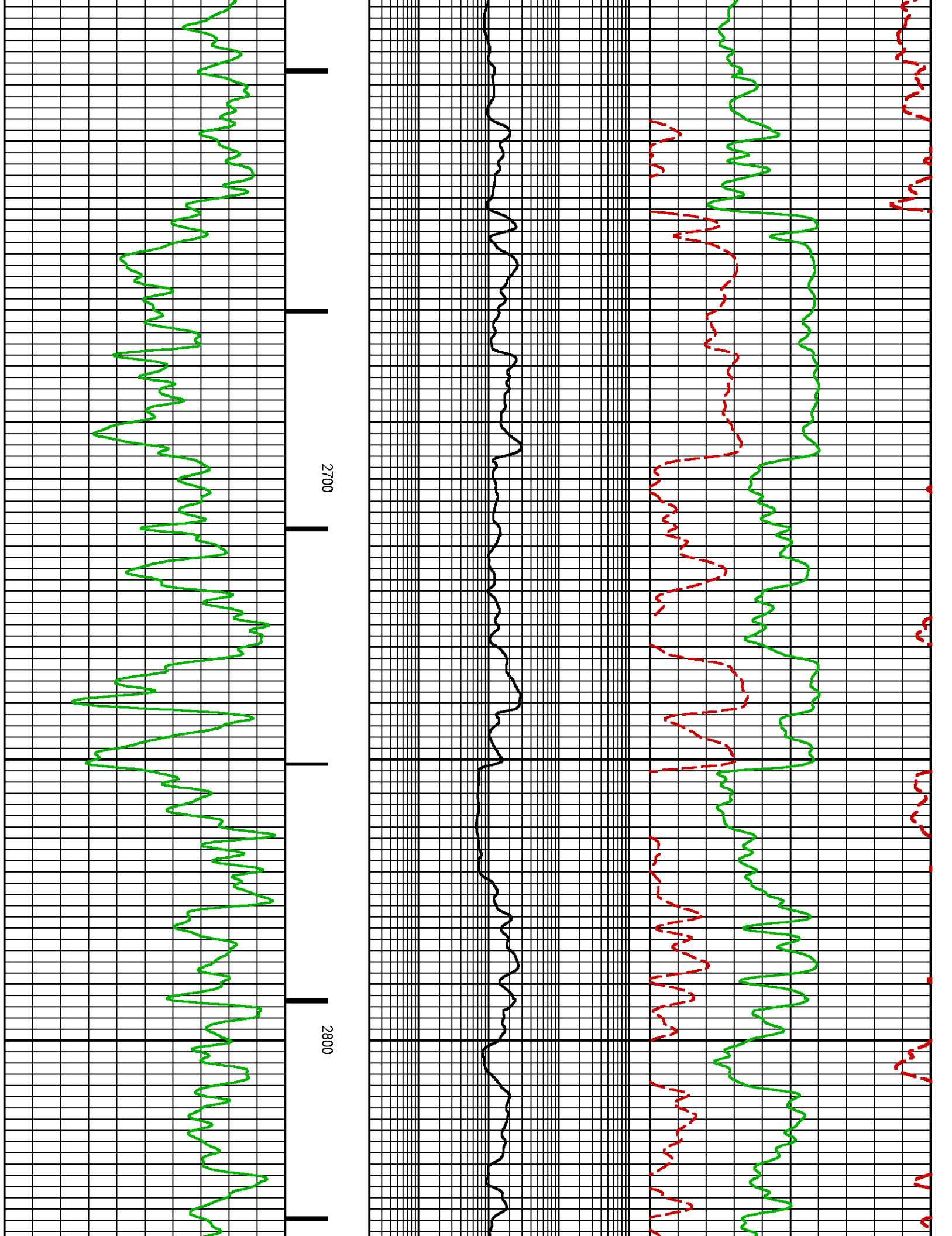
BOND LOG IS DEPTH REFERENCE LOG

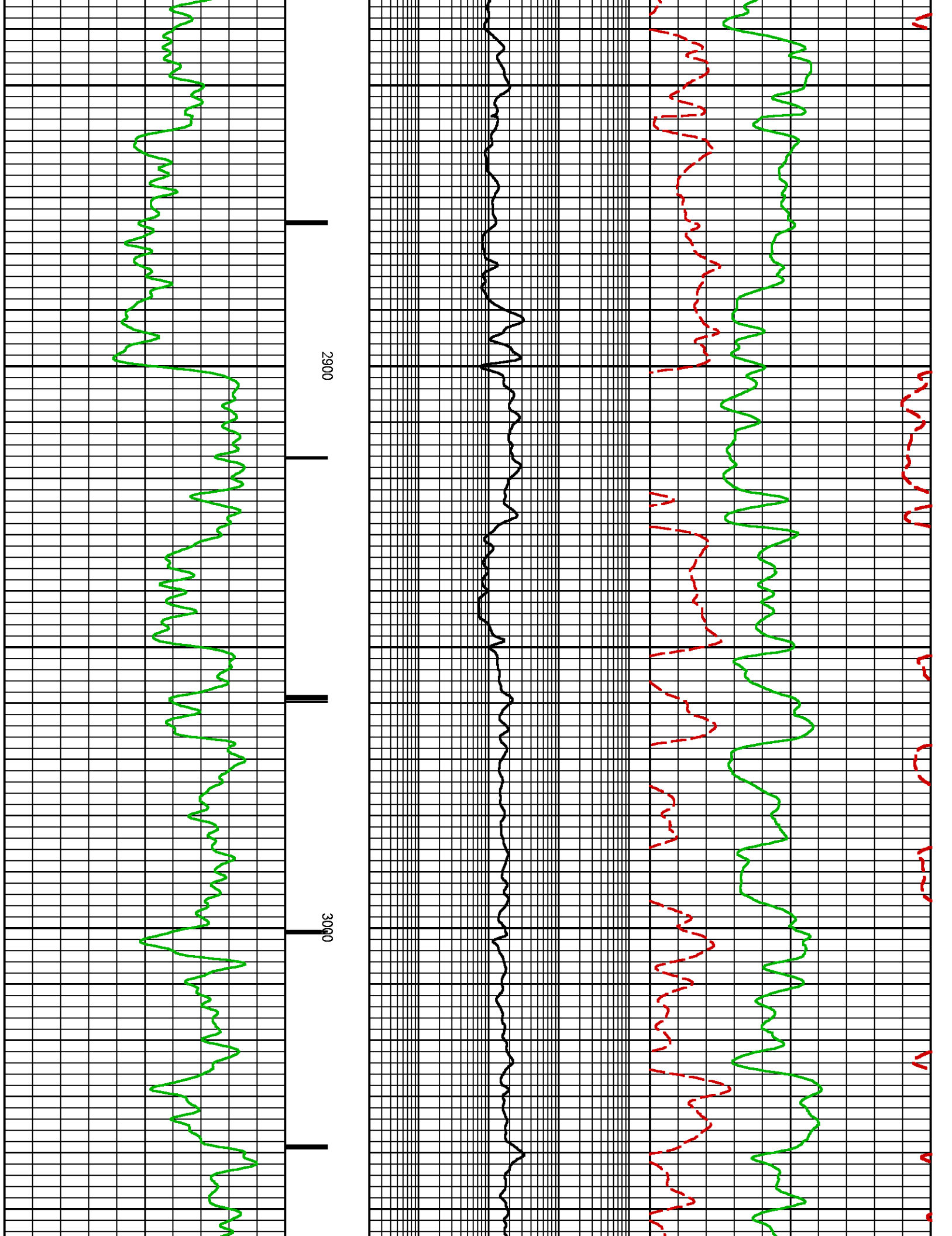
NEO RESULTS FOR GUNDERSON 0994-14-12E (G-SAND)

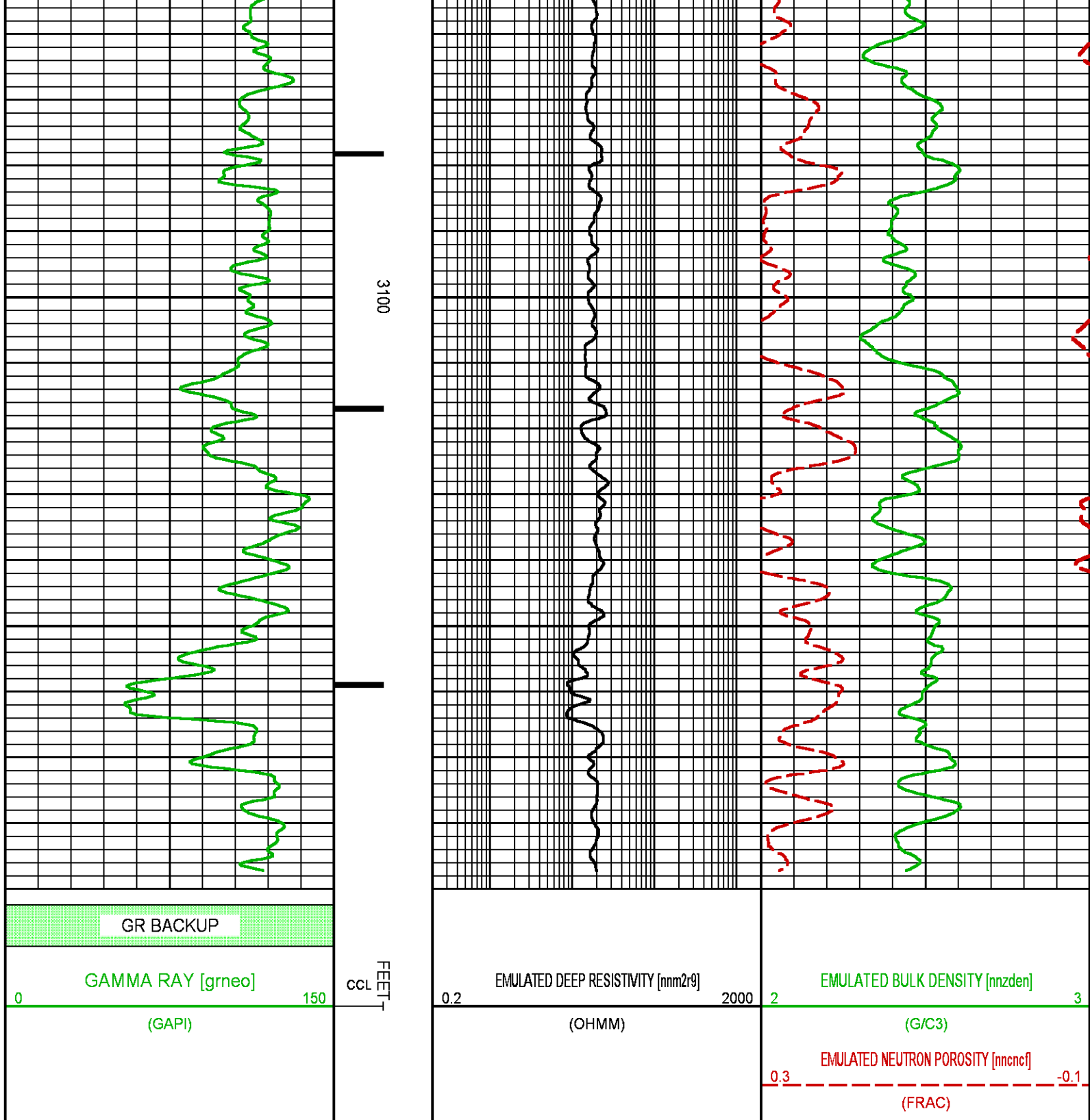
Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape_Projects\laramie_gunderson_14_12e\NEO_PRESENTATION_LARAMIE_G-Sand.pdf [5"/100' Scale]
Plot Interval : 2510 - 3190 Feet

Data File 1 : F1 : BHI3BKZH12:C:\Ape_Projects\laramie_gunderson_14_12e\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : GUNDERSON 0994-14-12E
Field : VEGA
File Interval : 2510 - 8196 Feet
OCT : NA







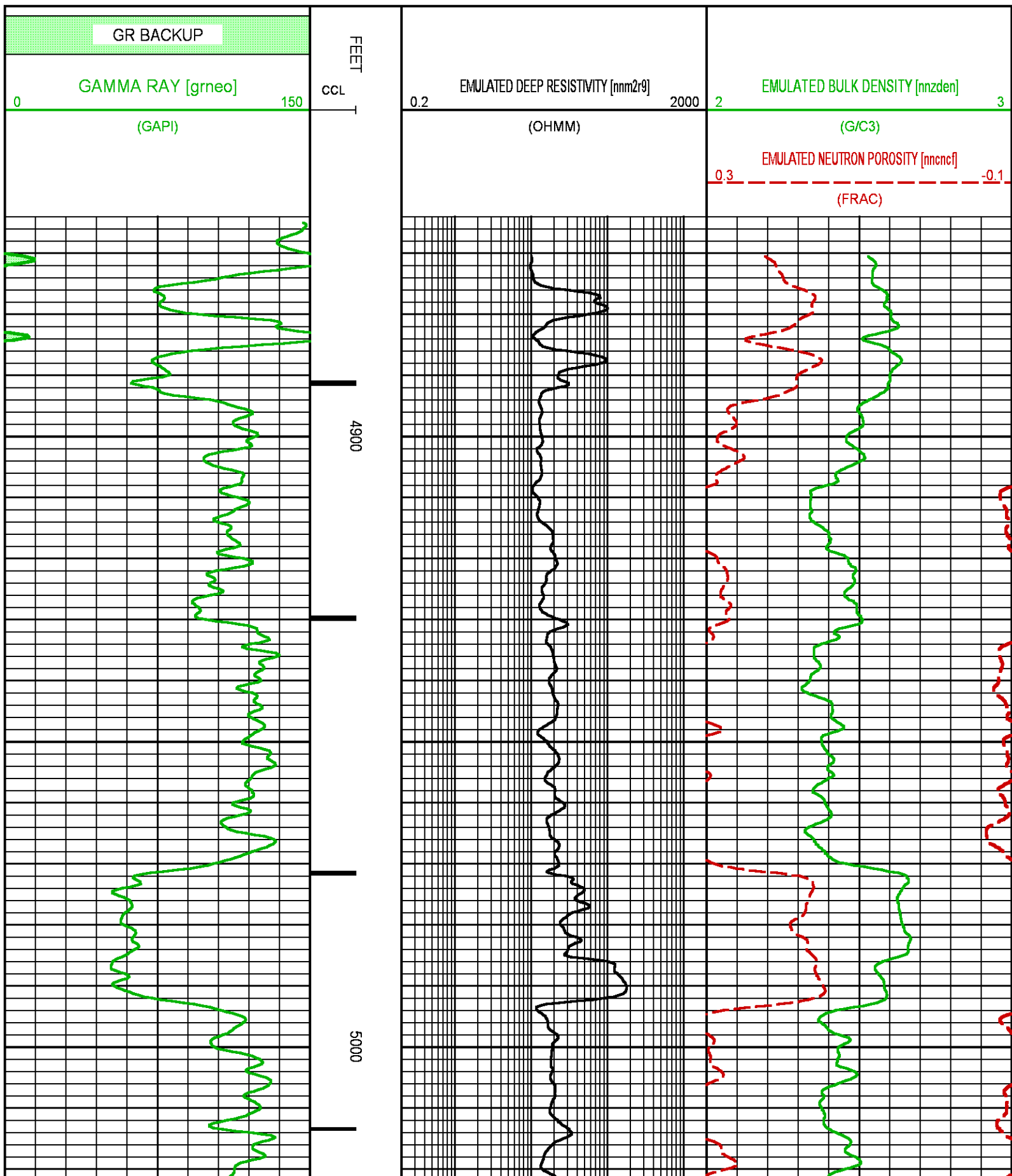


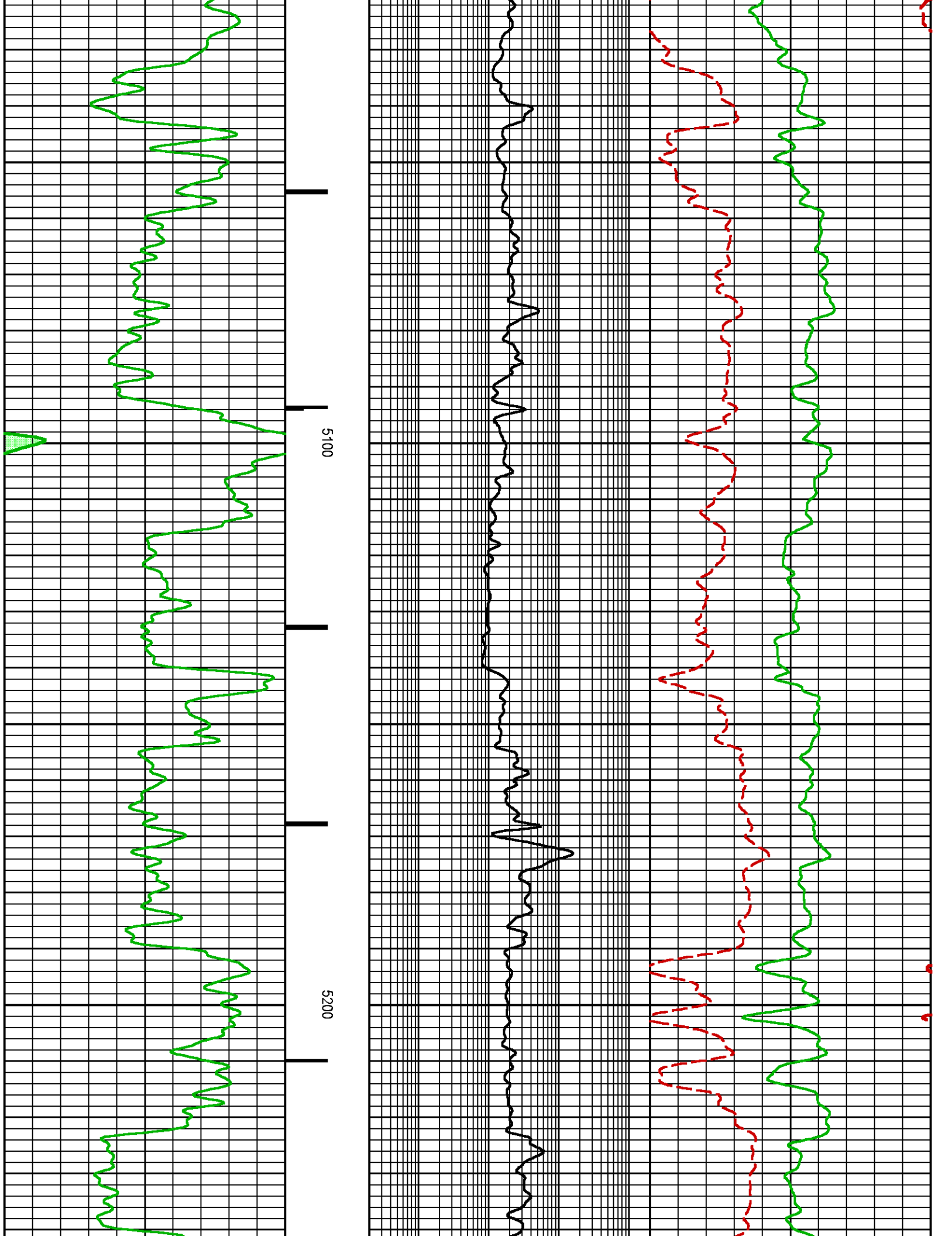
NEO RESULTS FOR GUNDERSON 0994-14-12E (MAIN)

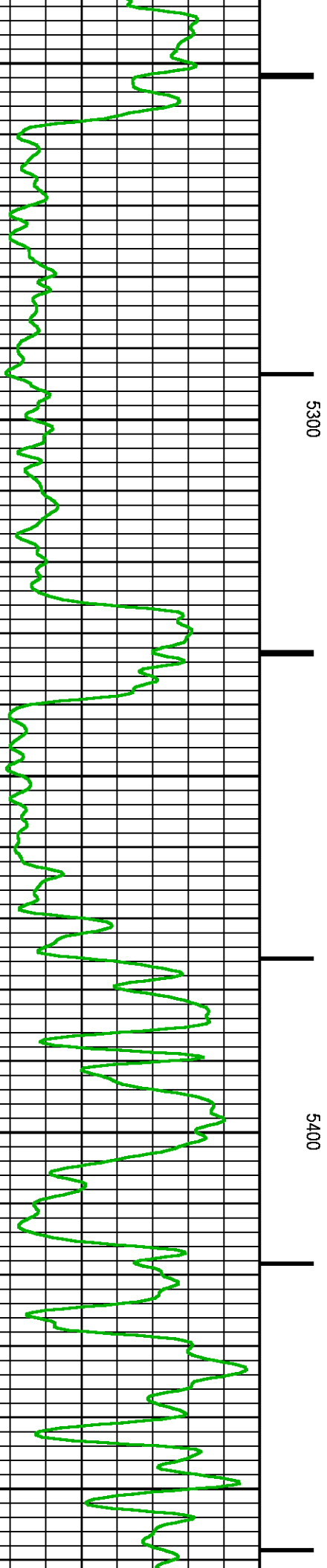
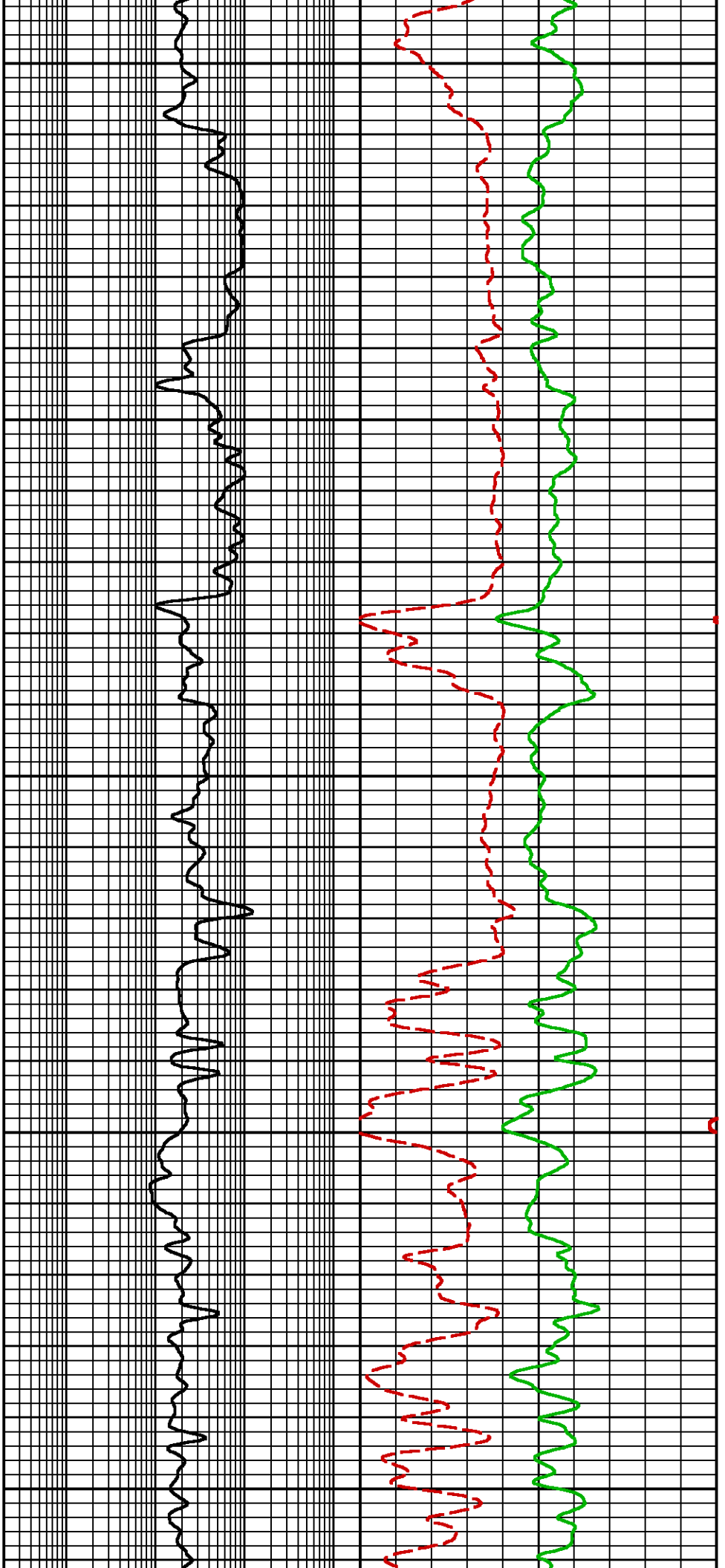
Project : NA
User : ellskima
Presentation : BHI3BKZH12:C:\Ape Projects\laramie_gunderson_14_12e\NEO_PRESENTATION_LARAMIE_MAIN.pdf [5"/100" Scale]

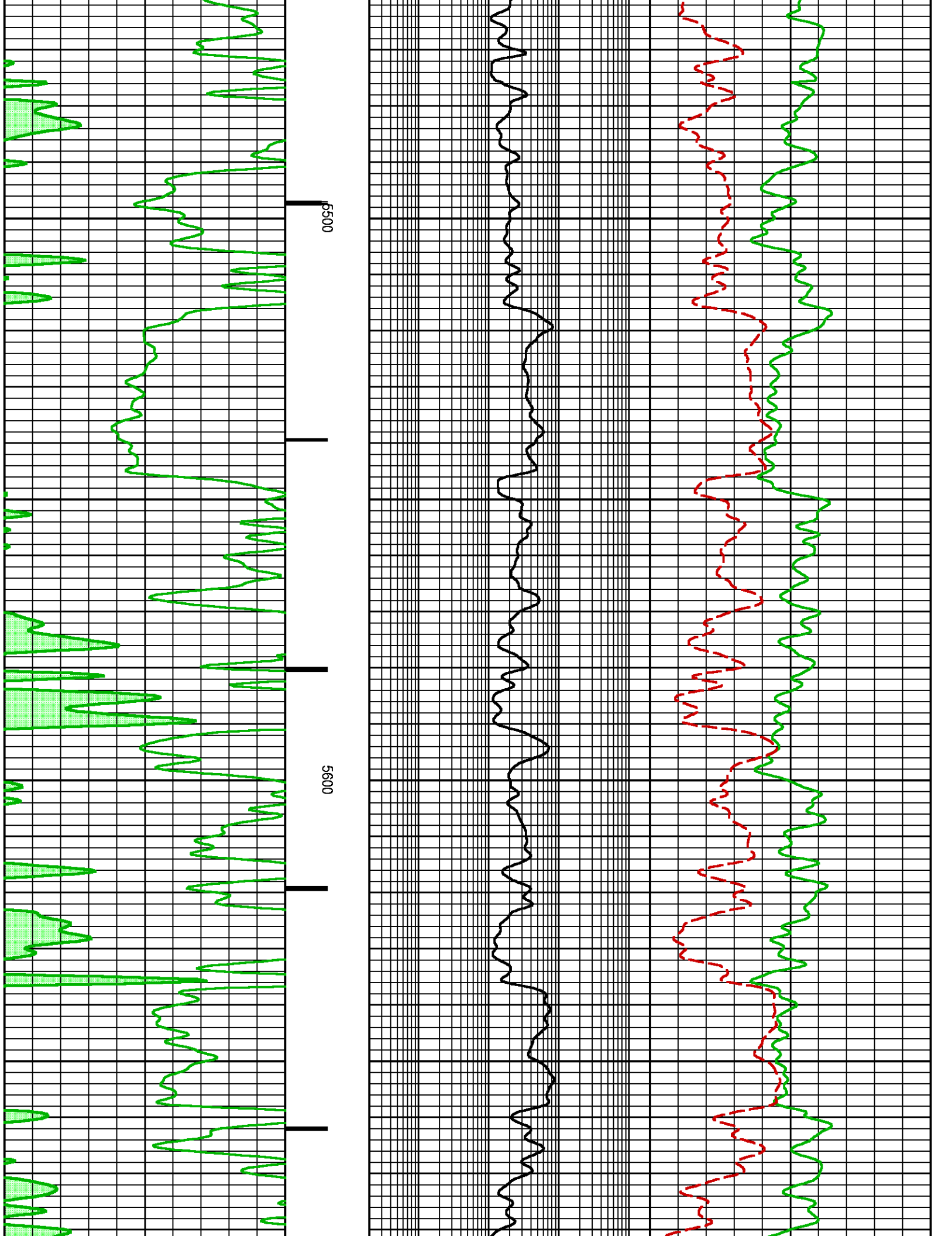
Plot Interval : 4865 - 8196 Feet

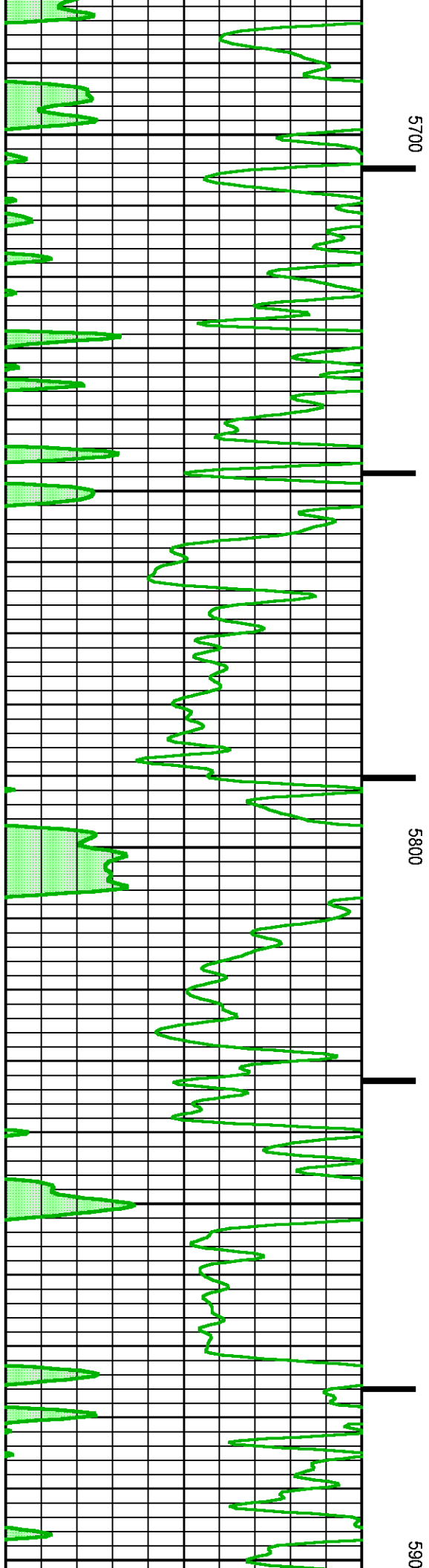
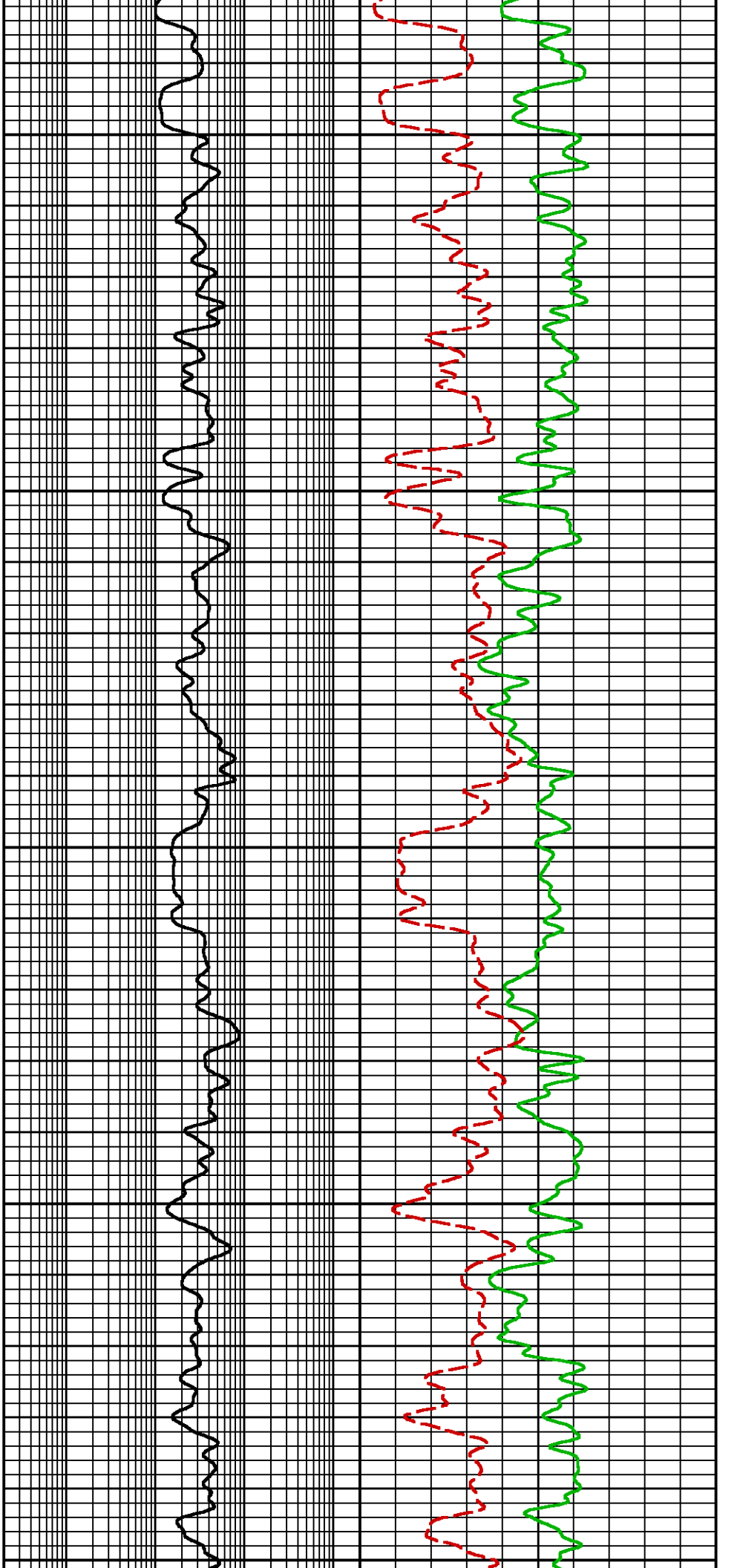
Data File 1 : F1 : BHI3BKZH12:C:\Ape_Projects\laramie_gunderson_14_12e\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : GUNDERSON 0994-14-12E
Field : VEGA
File Interval : 2510 - 8196 Feet
OCT : NA

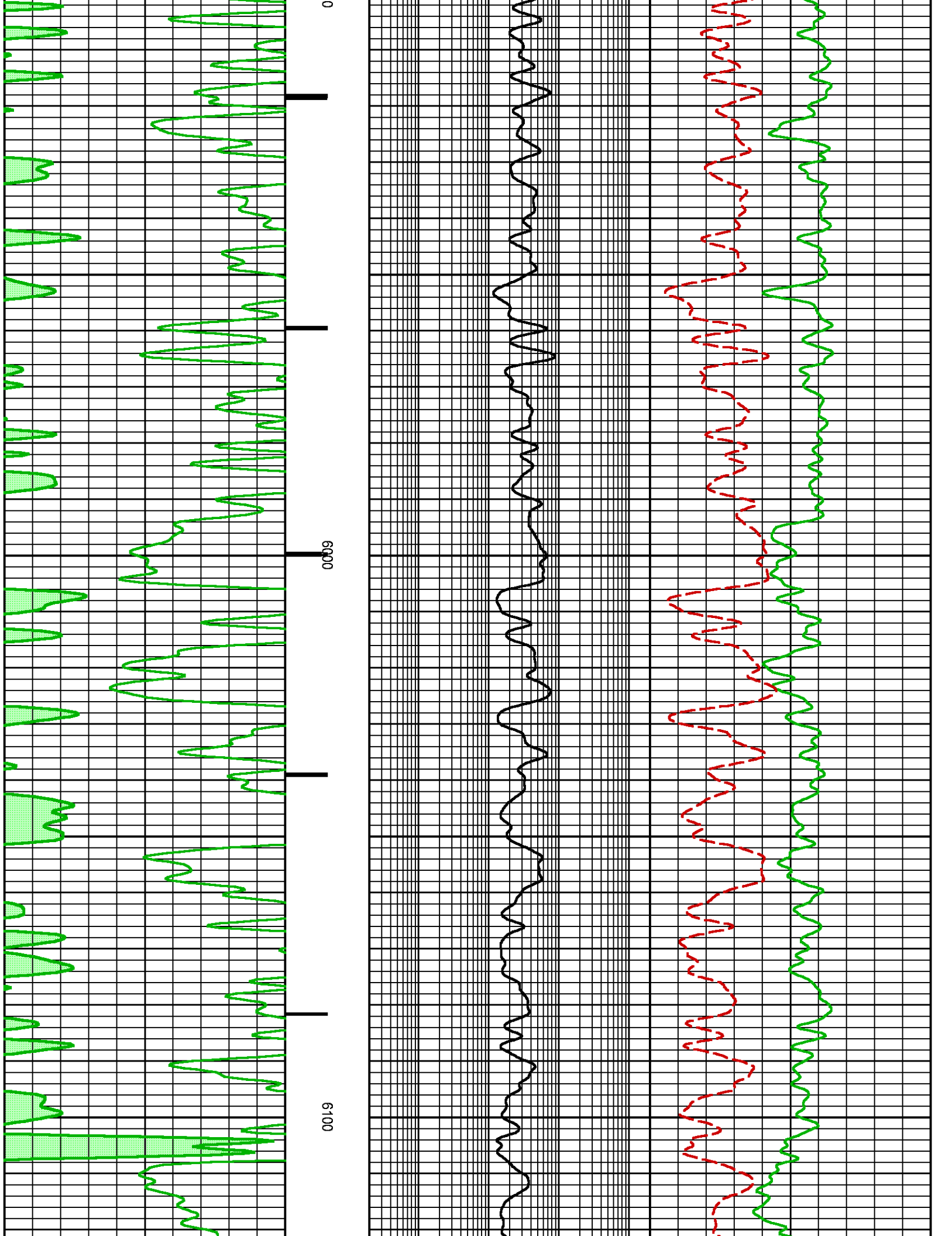


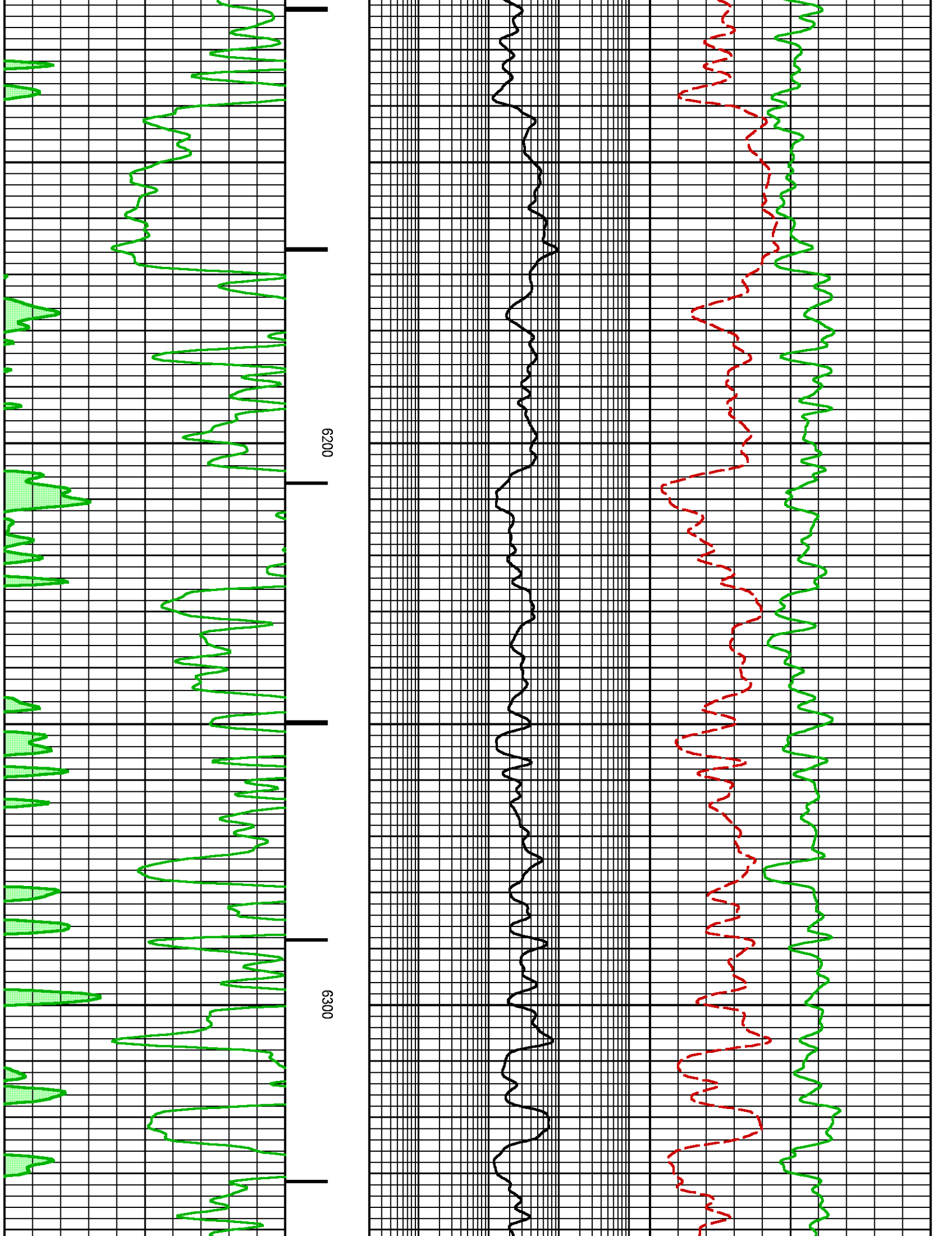


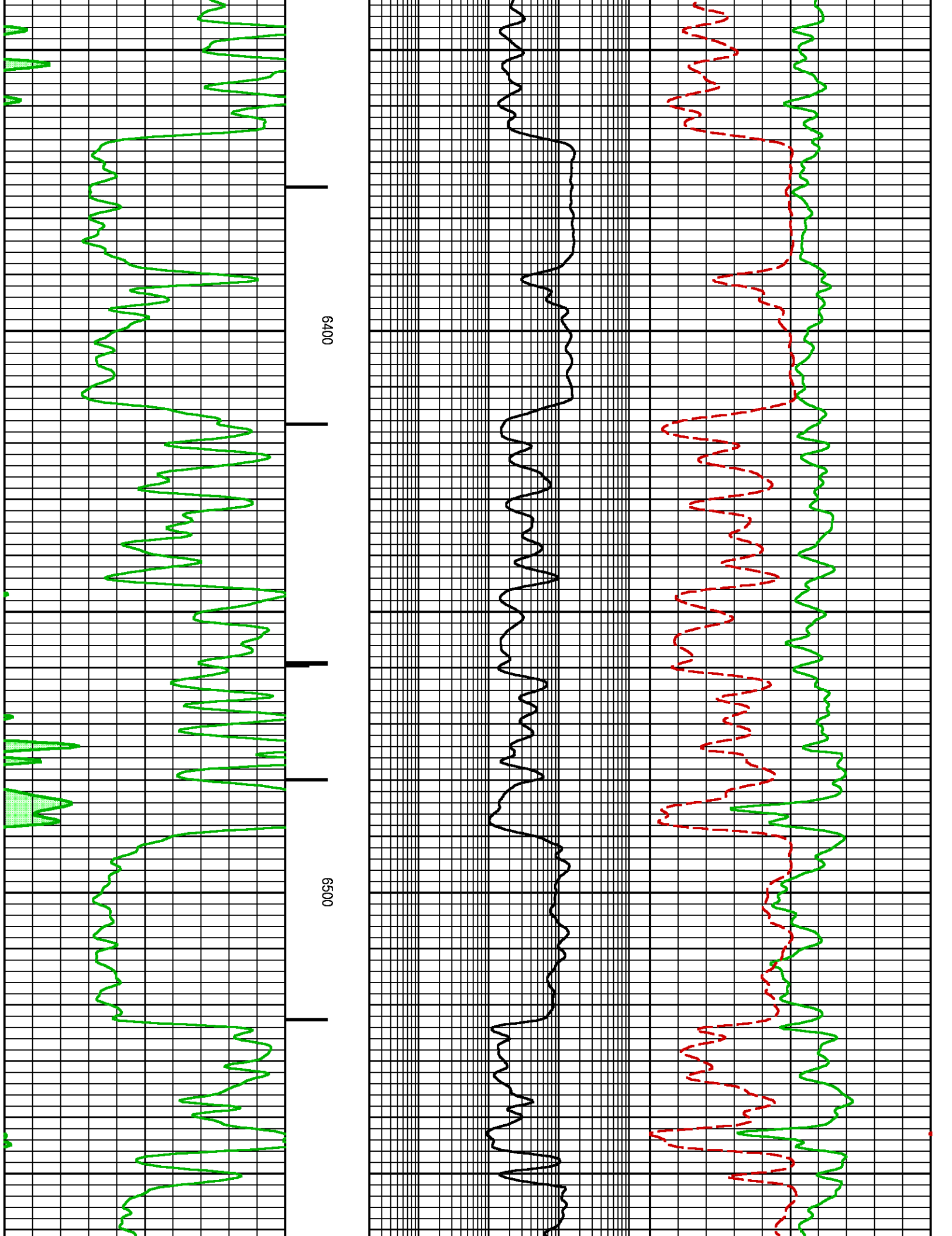


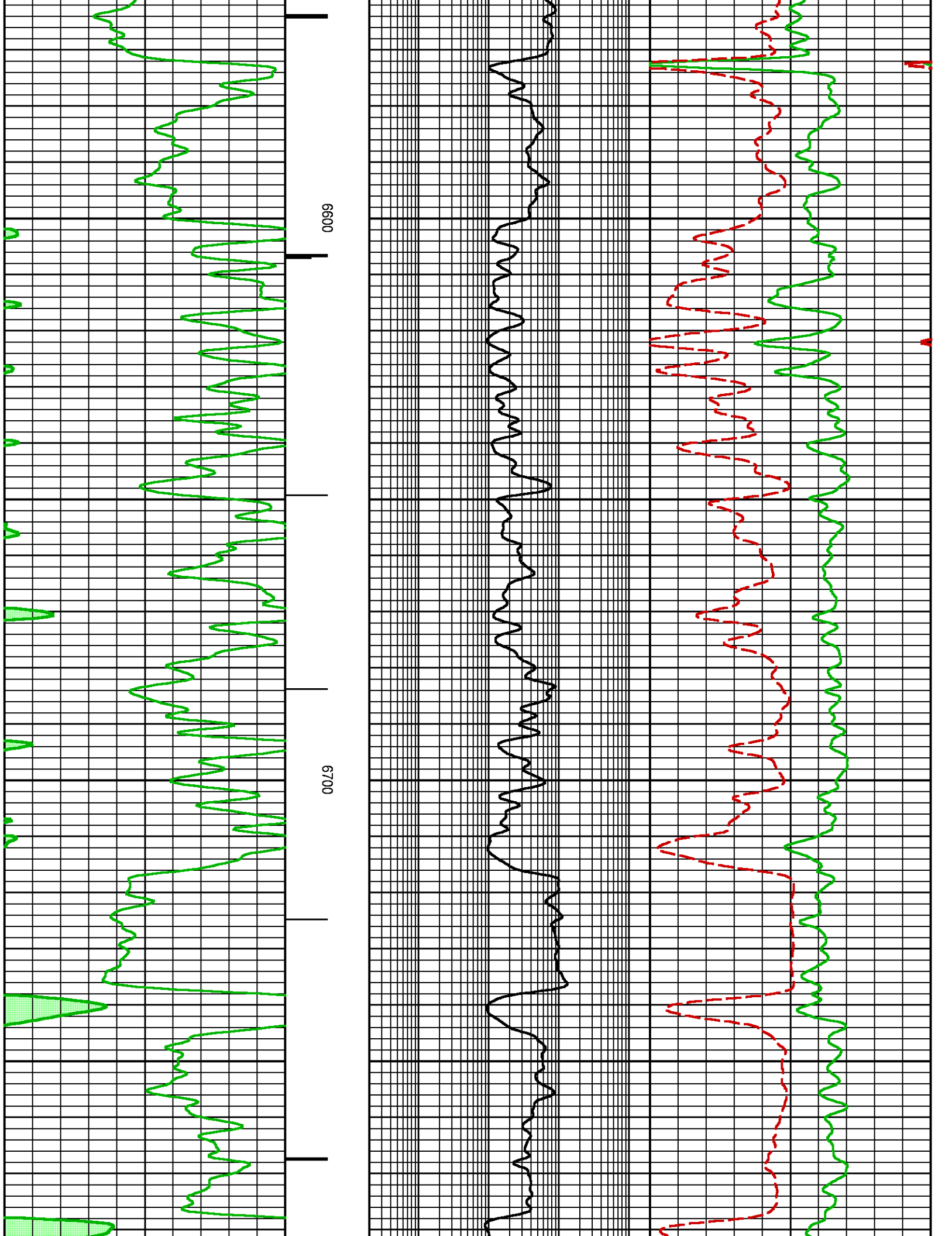


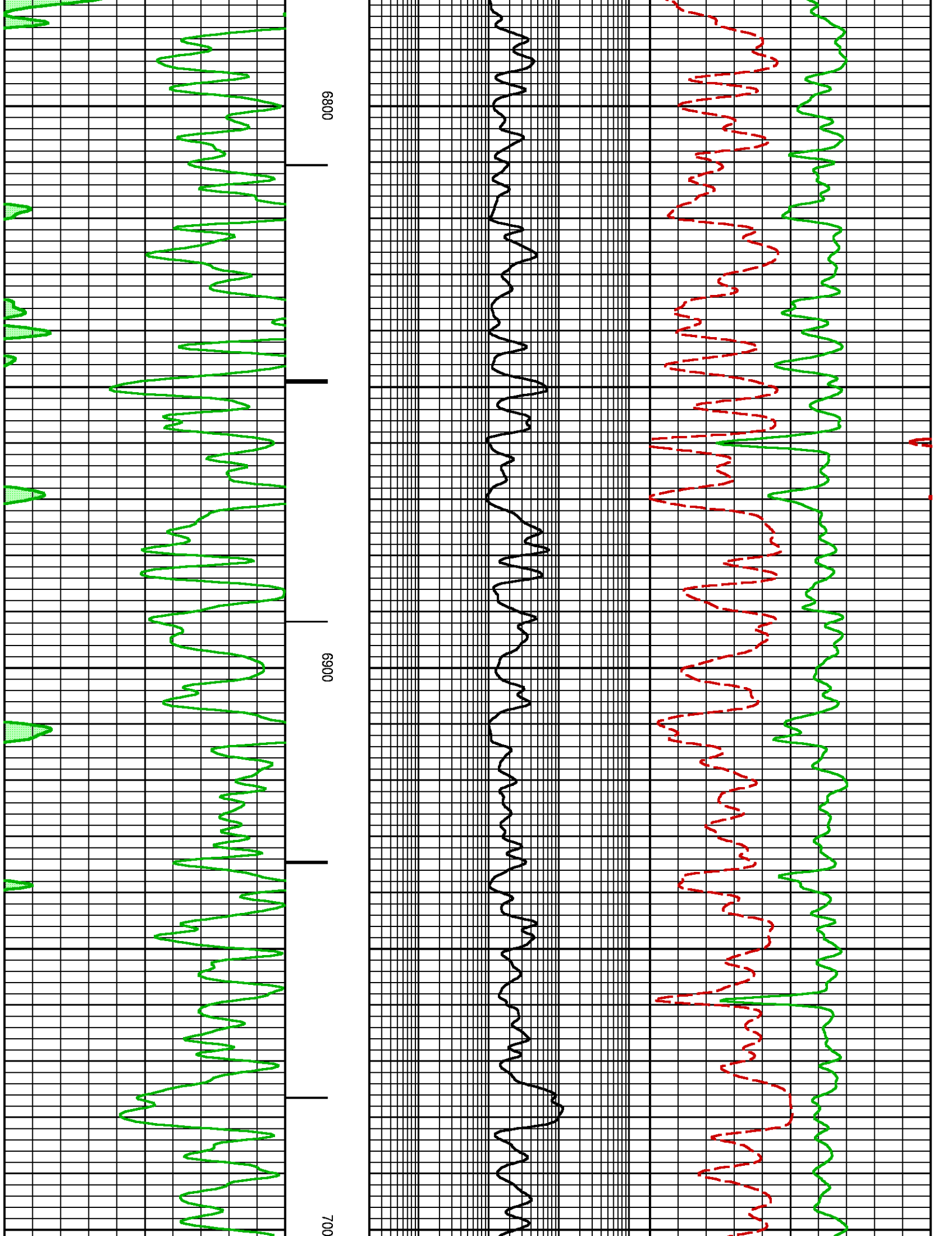


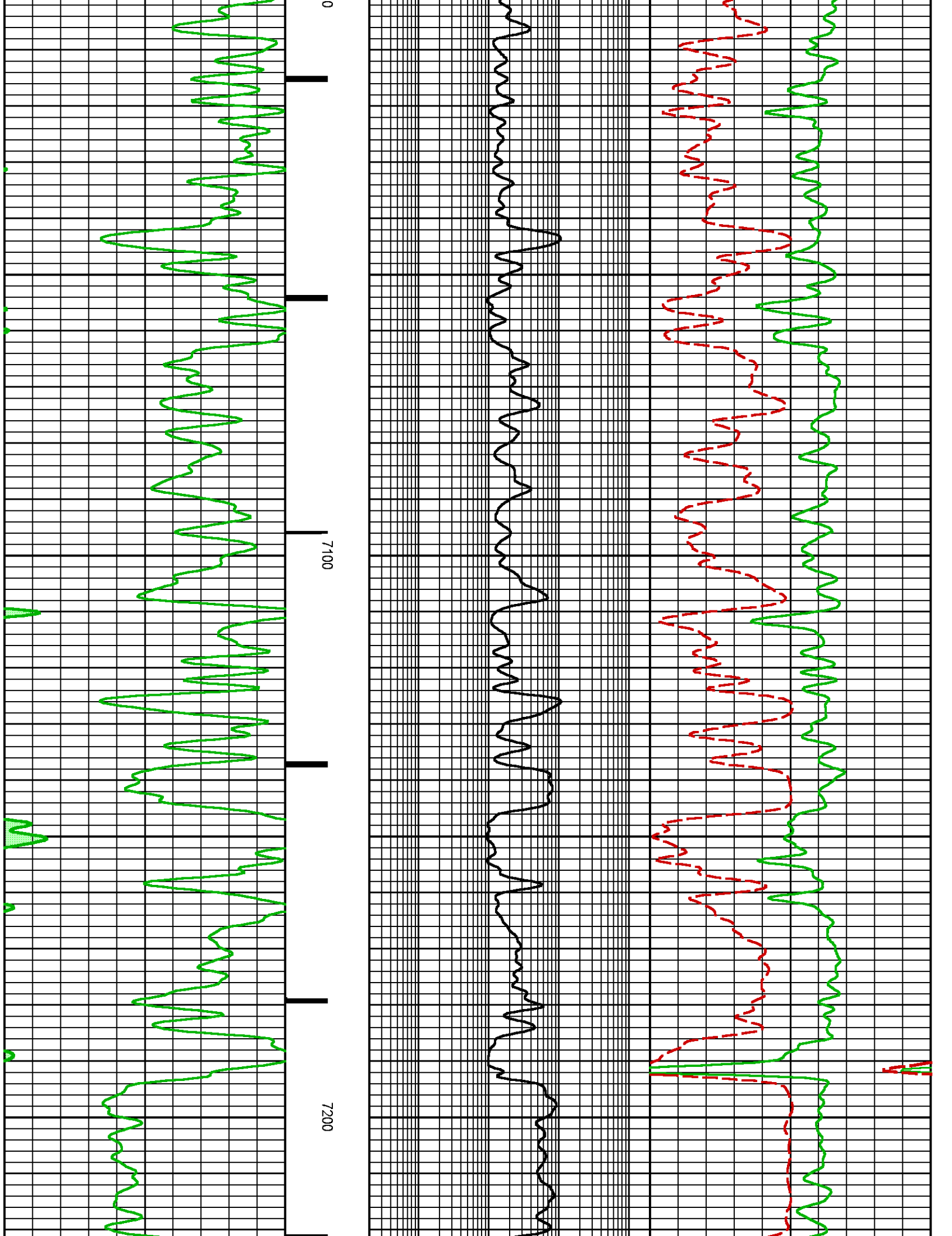


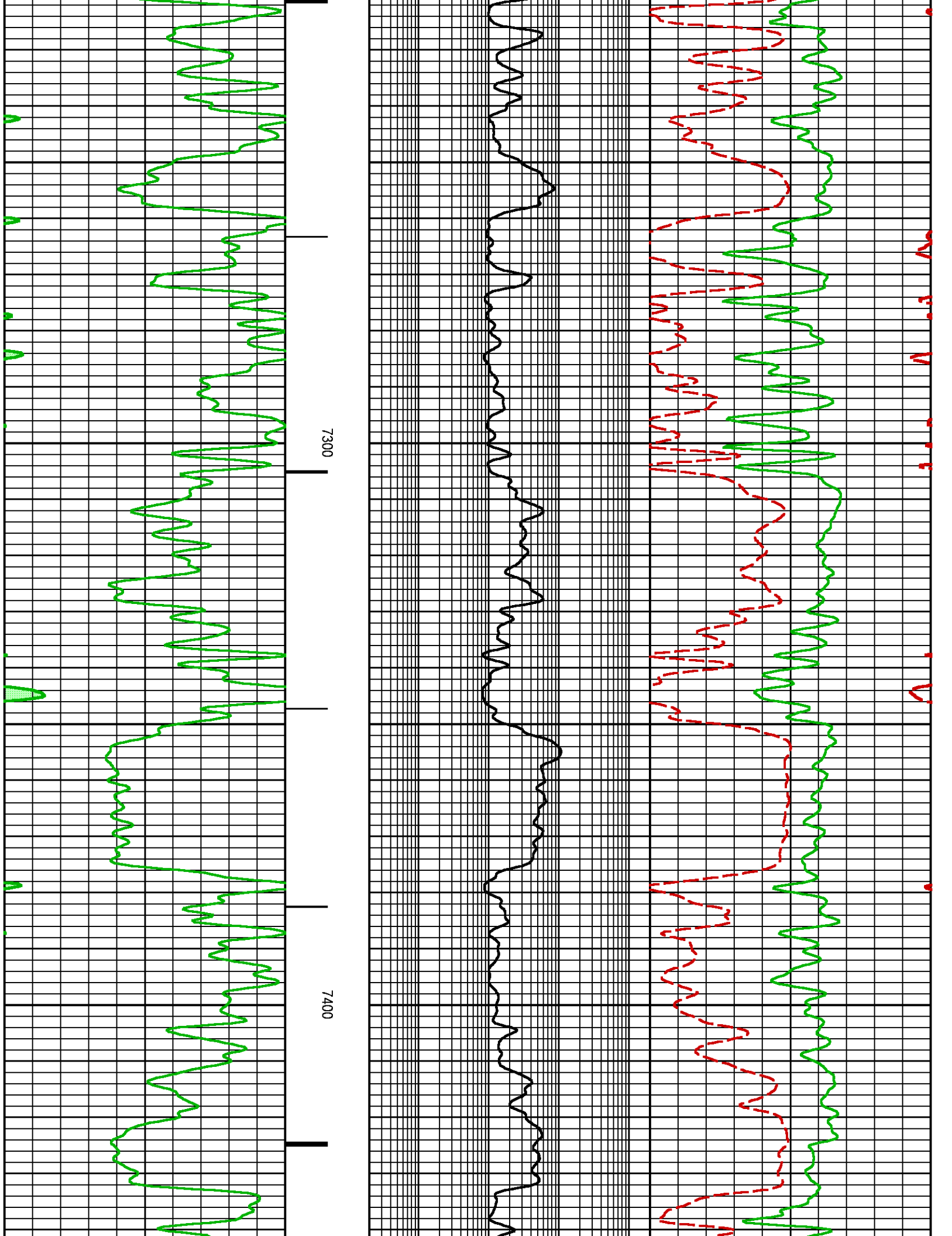


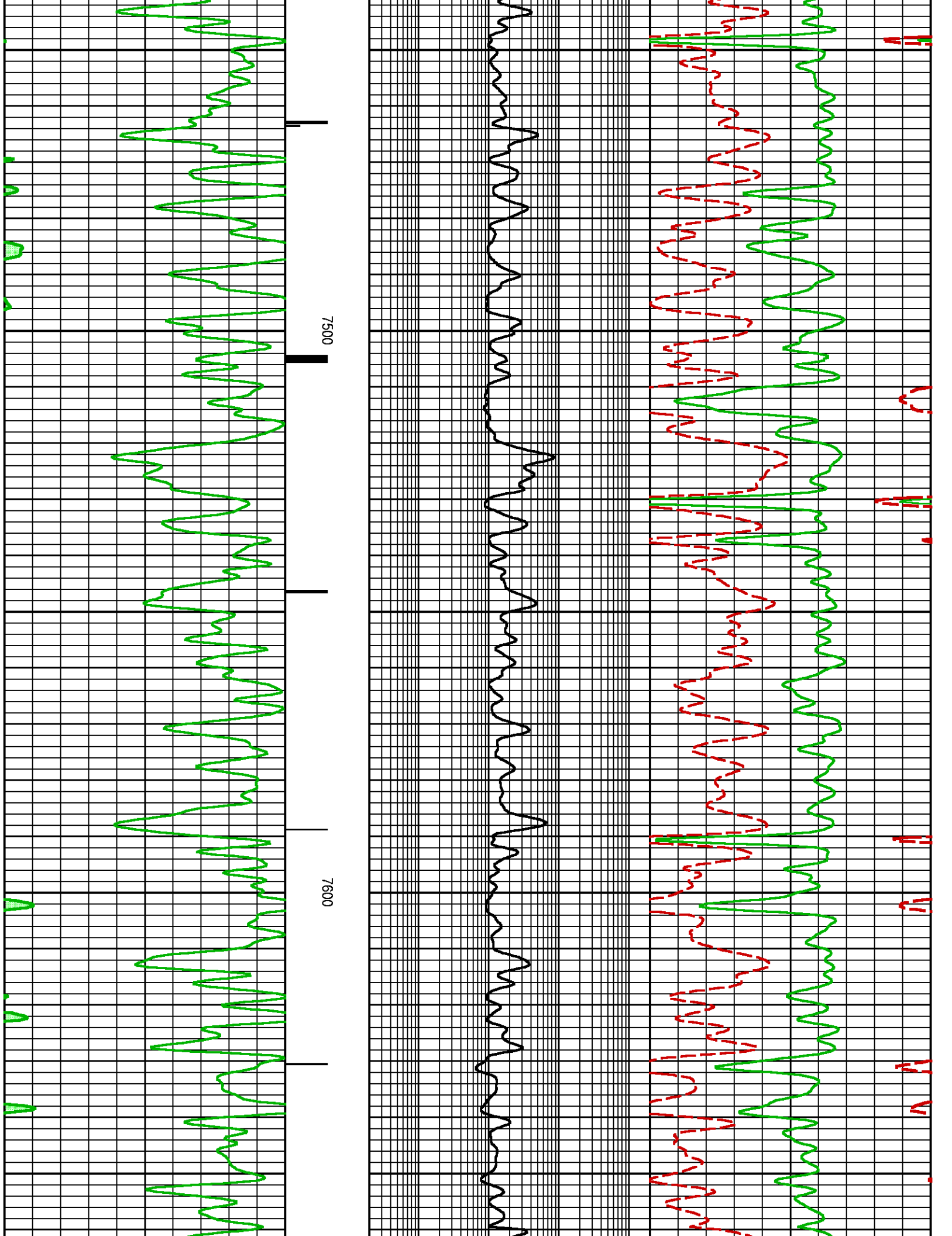


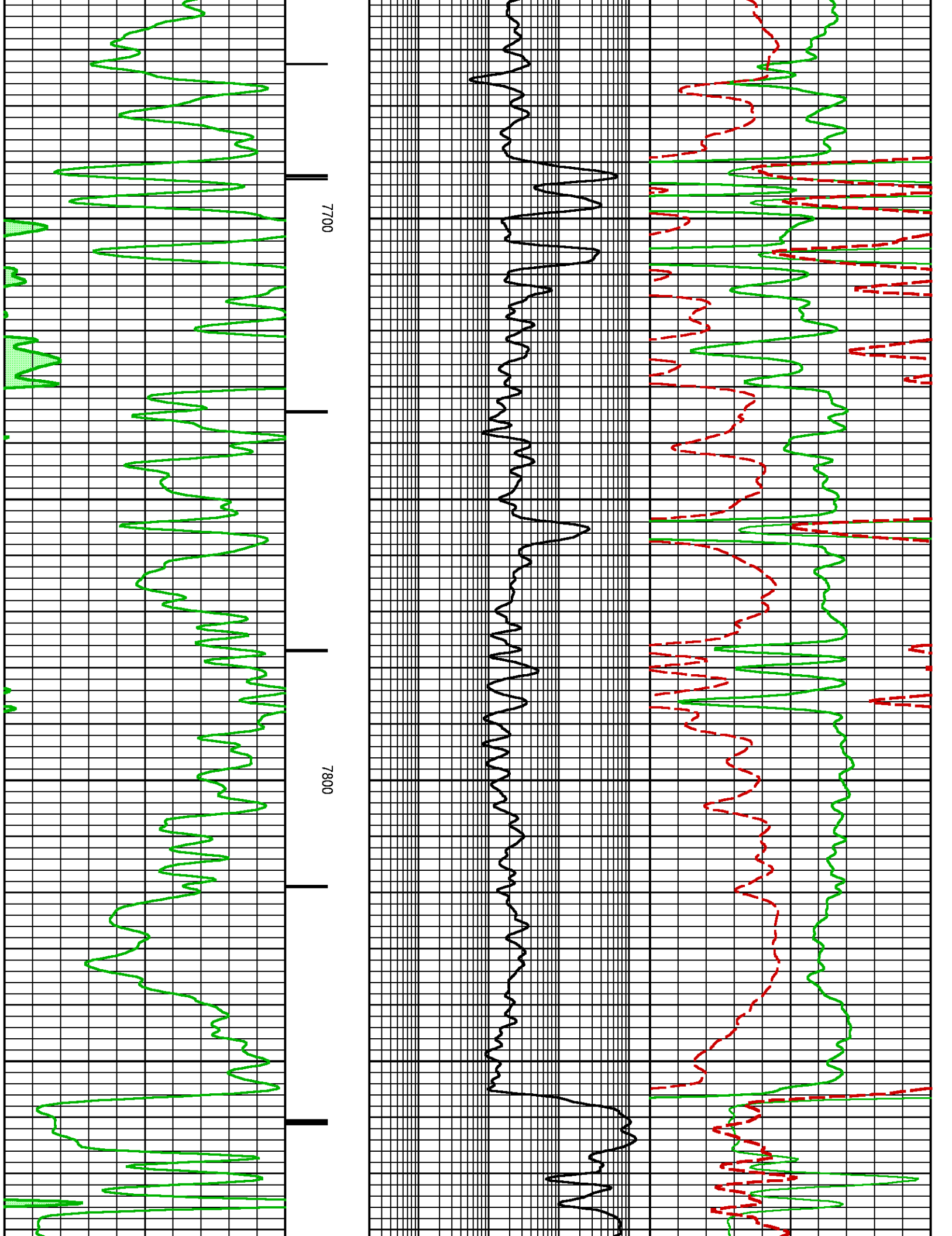


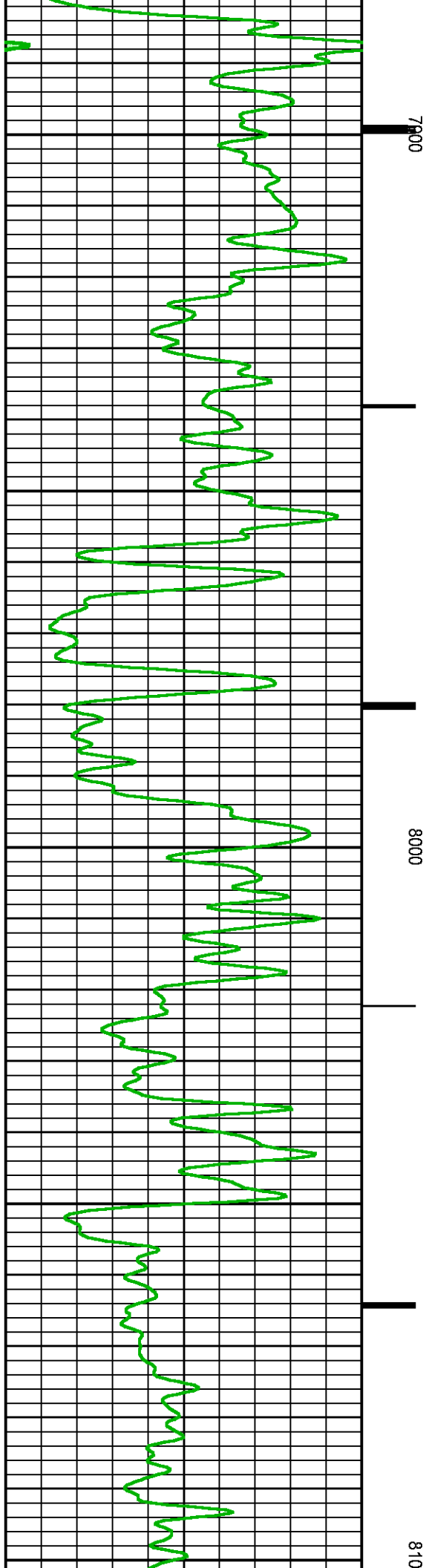
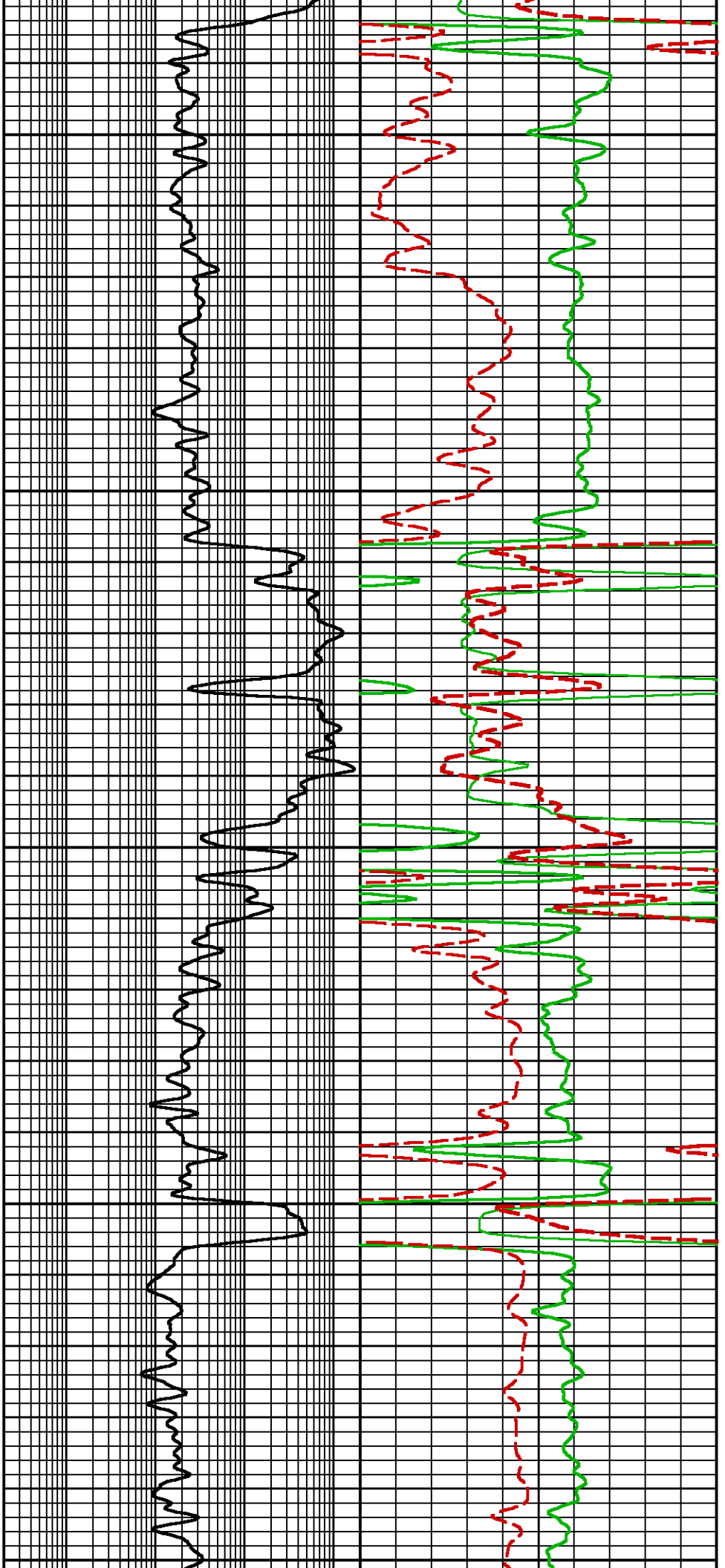


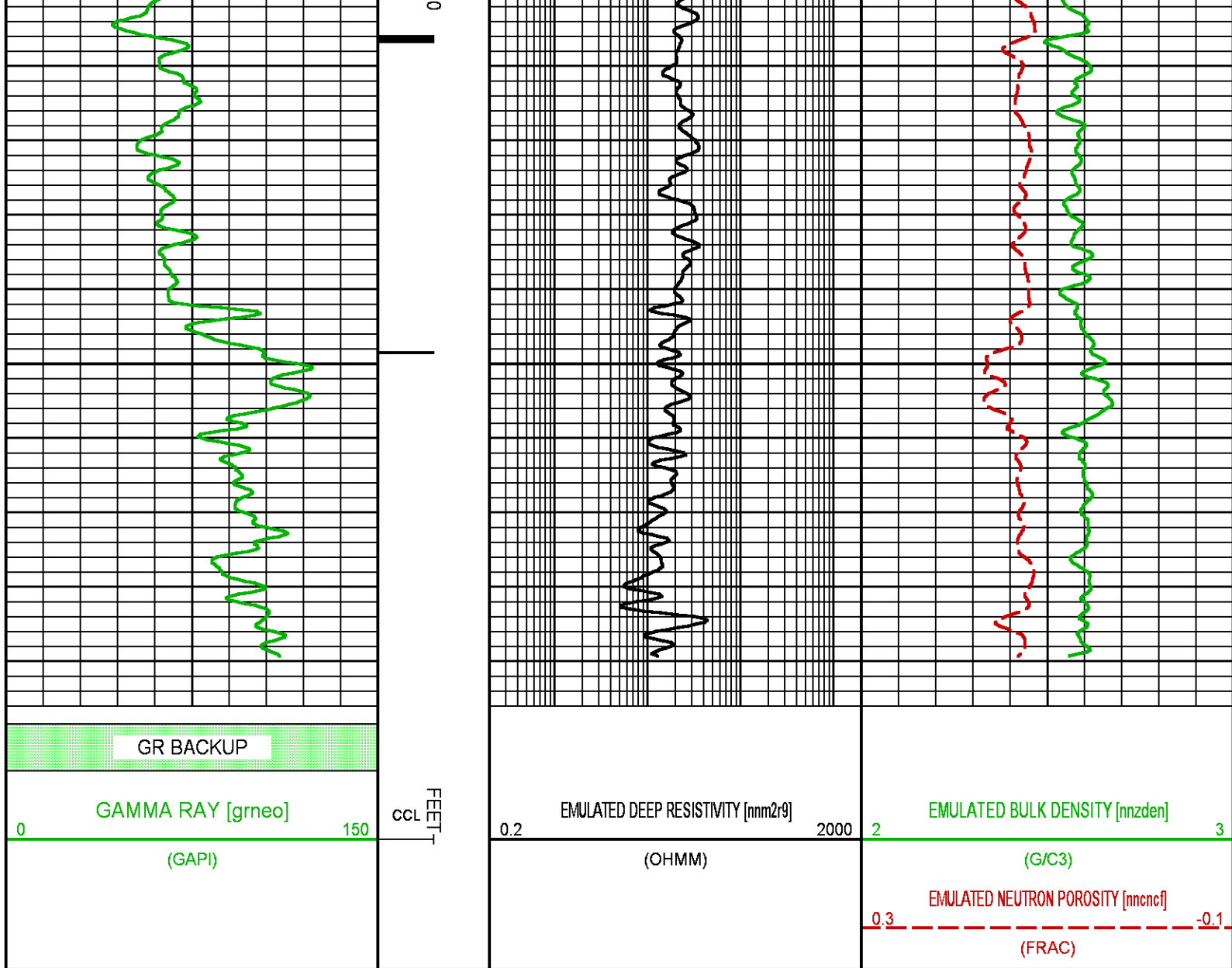












**BAKER
HUGHES**
a GE company



COMPANY
WELL
FIELD
COUNTY

LARAMIE ENERGY LLC

GUNDERSON 0994-14-12E

VEGA

MESA

STATE COLORADO

FILE NO:

API NO:

05-077-10533-0000

LOCATION:

SEE REMARKS

ELEVATIONS:

KB 7302 FT

DF

GL 7272 FT

SEC 14

TWP 9S

RGE 94W

DATE

22-JUN-2018

**Pulsed Neutron
Formation Evaluation**

