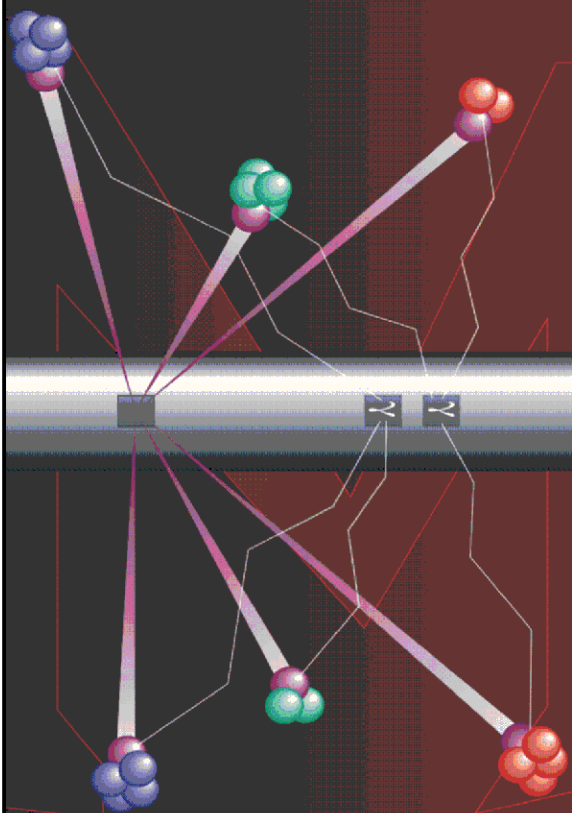


**BAKER
HUGHES**
a GE company



Pulsed Neutron Formation Evaluation



NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY LLC

WELL GUNDERSON 0994-14-11E

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION: SEE REMARKS SECTION

SEC 14 TWP 9S RGE 94W

ELEVATIONS:

KB 7302.0 FT DF GL 7272.0 FT

DATE 14-JUN-2018 ECC CALGARY GEOSCIENCE

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>CALGARY GEOSCIENCE</u>	LOG ANALYST: <u>A. KOTOV</u>	DATE: <u>19-JUN-2018</u>
FIELD DATA	LOCATION: <u>GRAND JCT.</u>	ENGINEER: <u>M.BAUKA/US136894</u>	DATE: <u>14-JUN-2018</u>
FROM	TO		
<u>2484 FT</u>	<u>8150 FT</u>		

REMARKS

LOCATION:
SHL: LAT:39.273873, LONG:-107.834926
BHL: LAT:39.276906, LONG:-107.844566

TRAINING WELL:
GUNDERSON 0994-13-06W

ANY ERRORS IN THE TRAINING WELL OPEN HOLE DATA CAN PERPETUATE THROUGH AS AN ERROR IN THE EMULATED RESULTS.

BONG LOG IS DEPTH REFERENCE LOG

NEO RESULTS FOR GUNDERSON 0994-14-11E (G-SAND)

ECLIPS ECPLLOT from ECLIPS 7.0 WFM 6.0.7905.1 Wed 08/23/2017 09:02:35.01

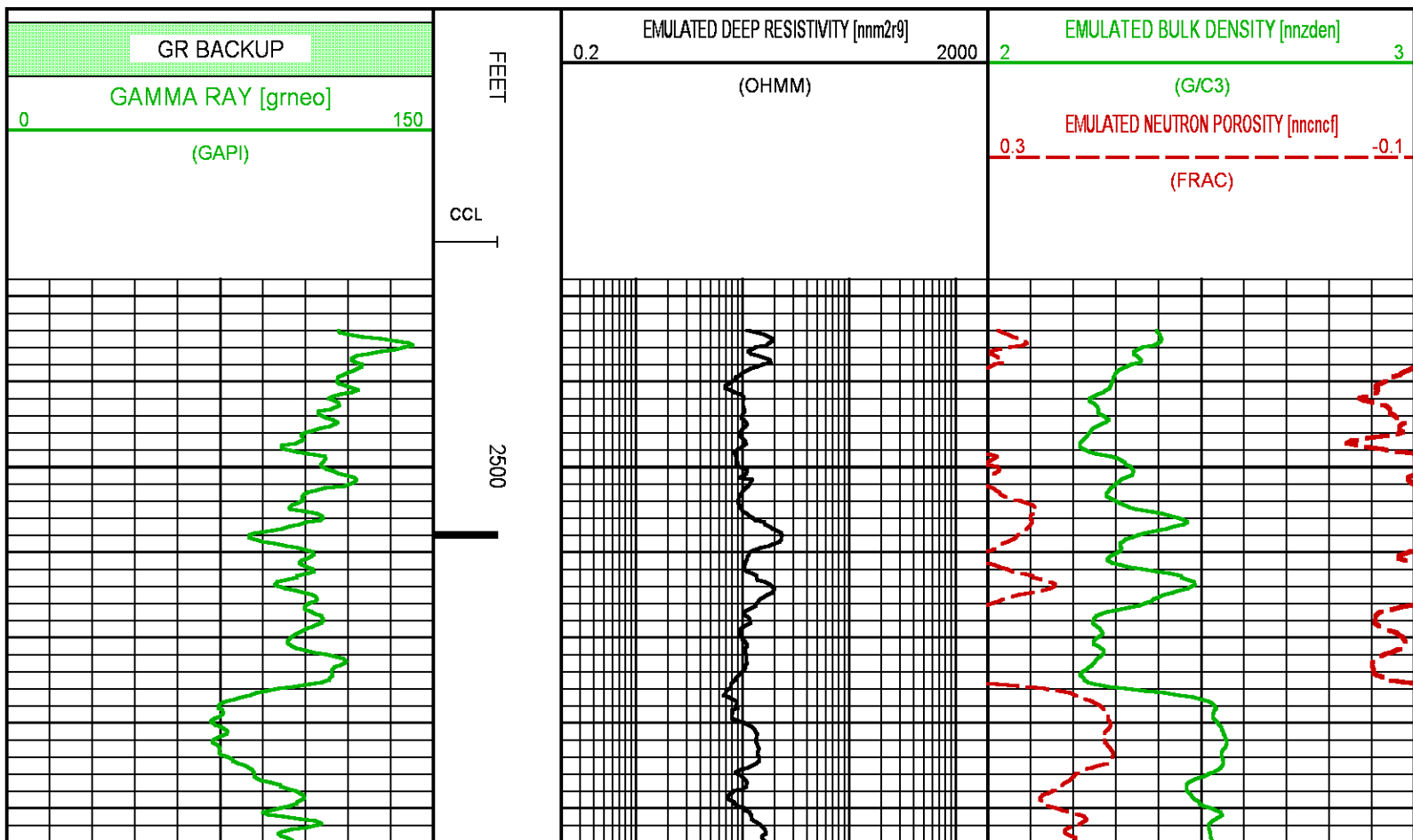
Plotted: Tue Jun 19 10:18:00 2018

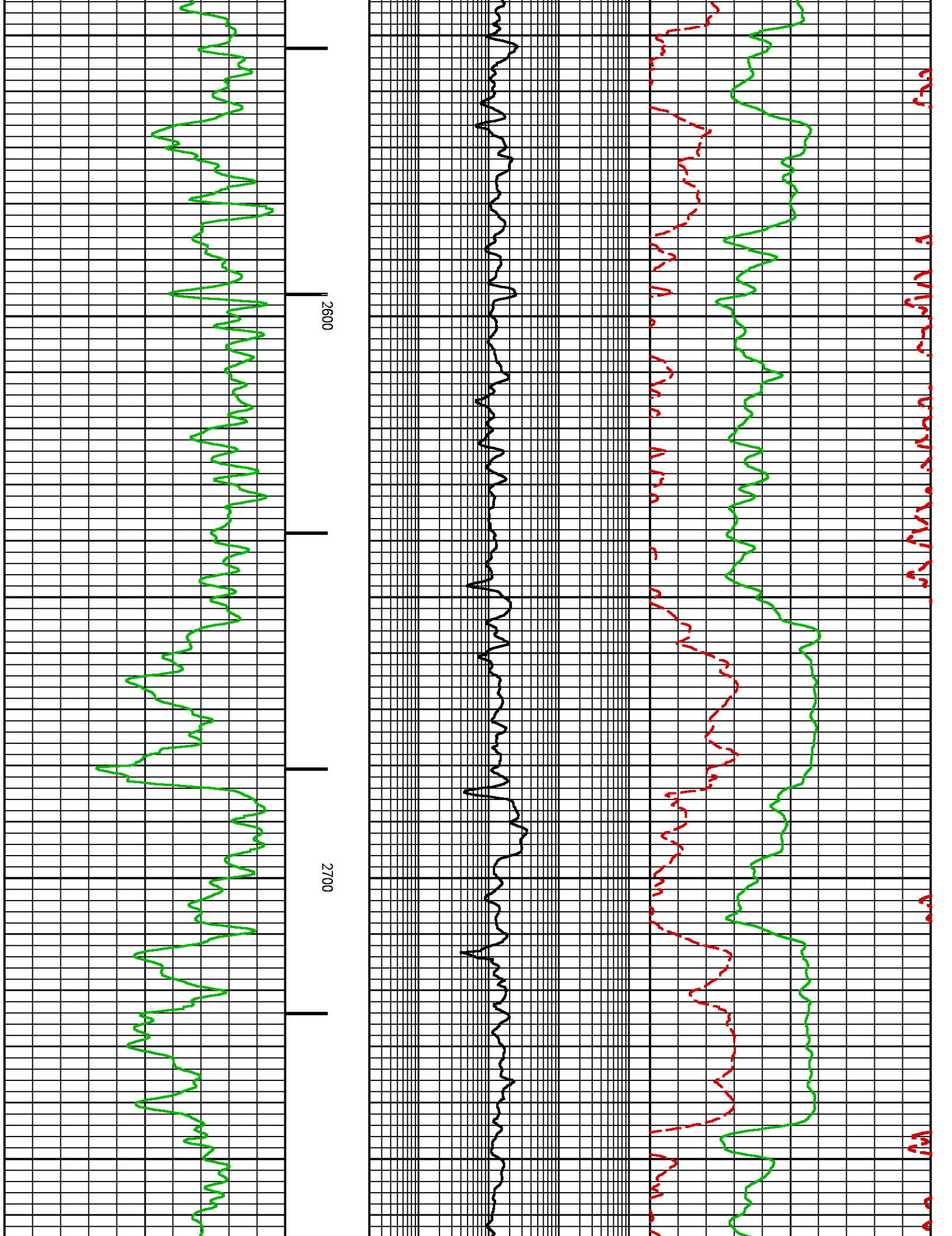
CURVE MEASURE POINT OFFSET

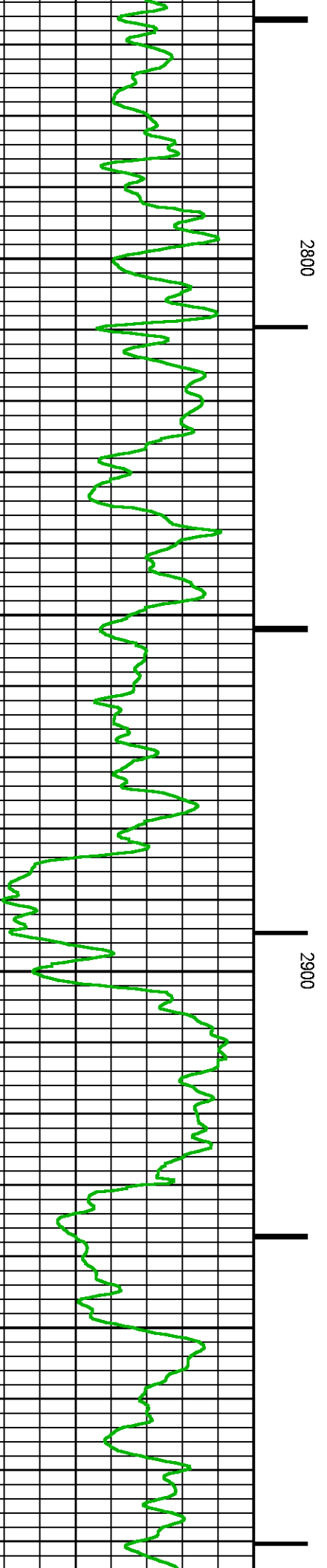
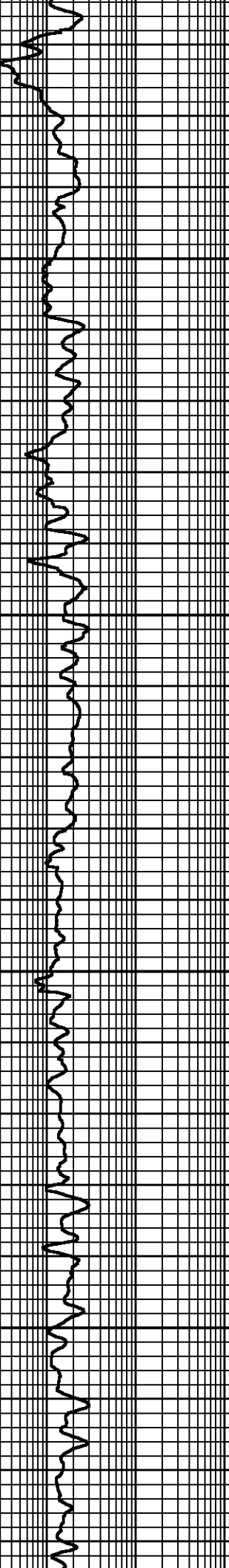
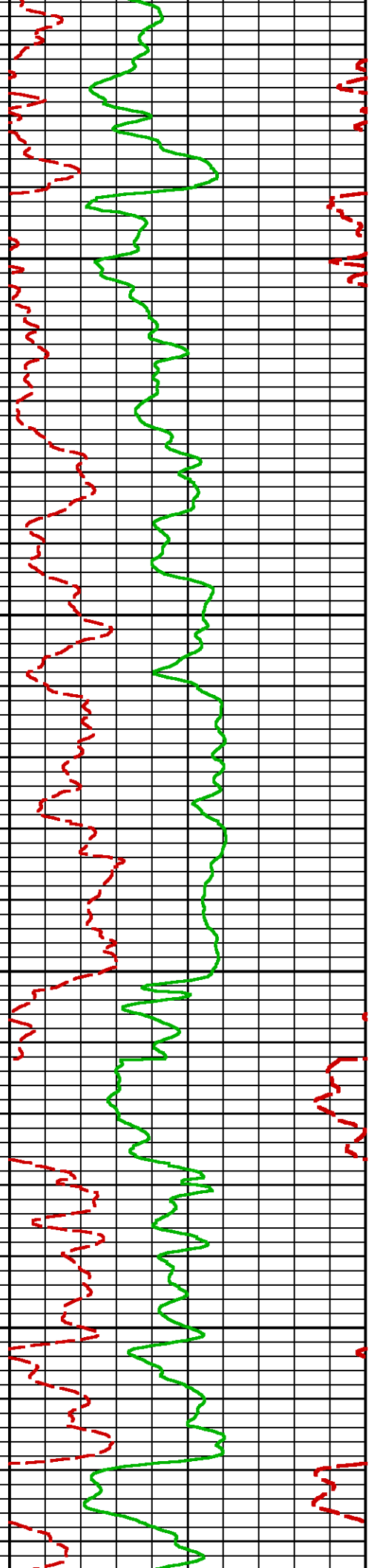
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNC	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

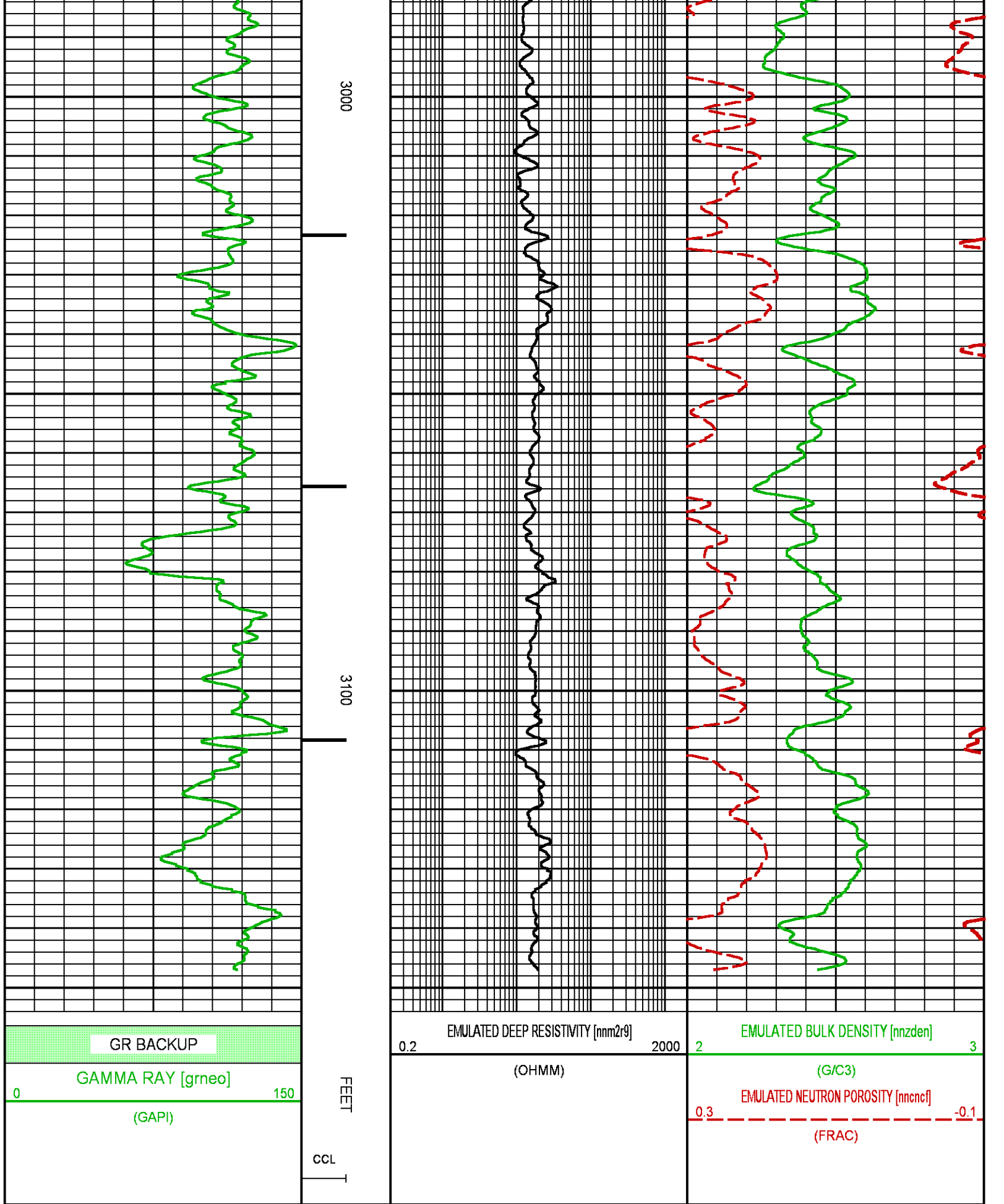
Project : NA
User : kotoale
Presentation : BHI1F65XZ1:d:\Ape_Projects\Laramie_0994_14_11E_NEO\
 NEO_PRESENTATION_LARAMIE_G-Sand.pdf [5"/100' Scale]
Plot Interval : 2479 - 3154 Feet

Data File 1 : F1 : BHI1F65XZ1:D:\Ape_Projects\Laramie_0994_14_11E_NEO\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : GUNDERSON 0994-14-11E
Field : VEGA
File Interval : 2484 - 8150 Feet
OCT : NA









NEO RESULTS FOR GUNDERSON 0994-14-11E (MAIN)

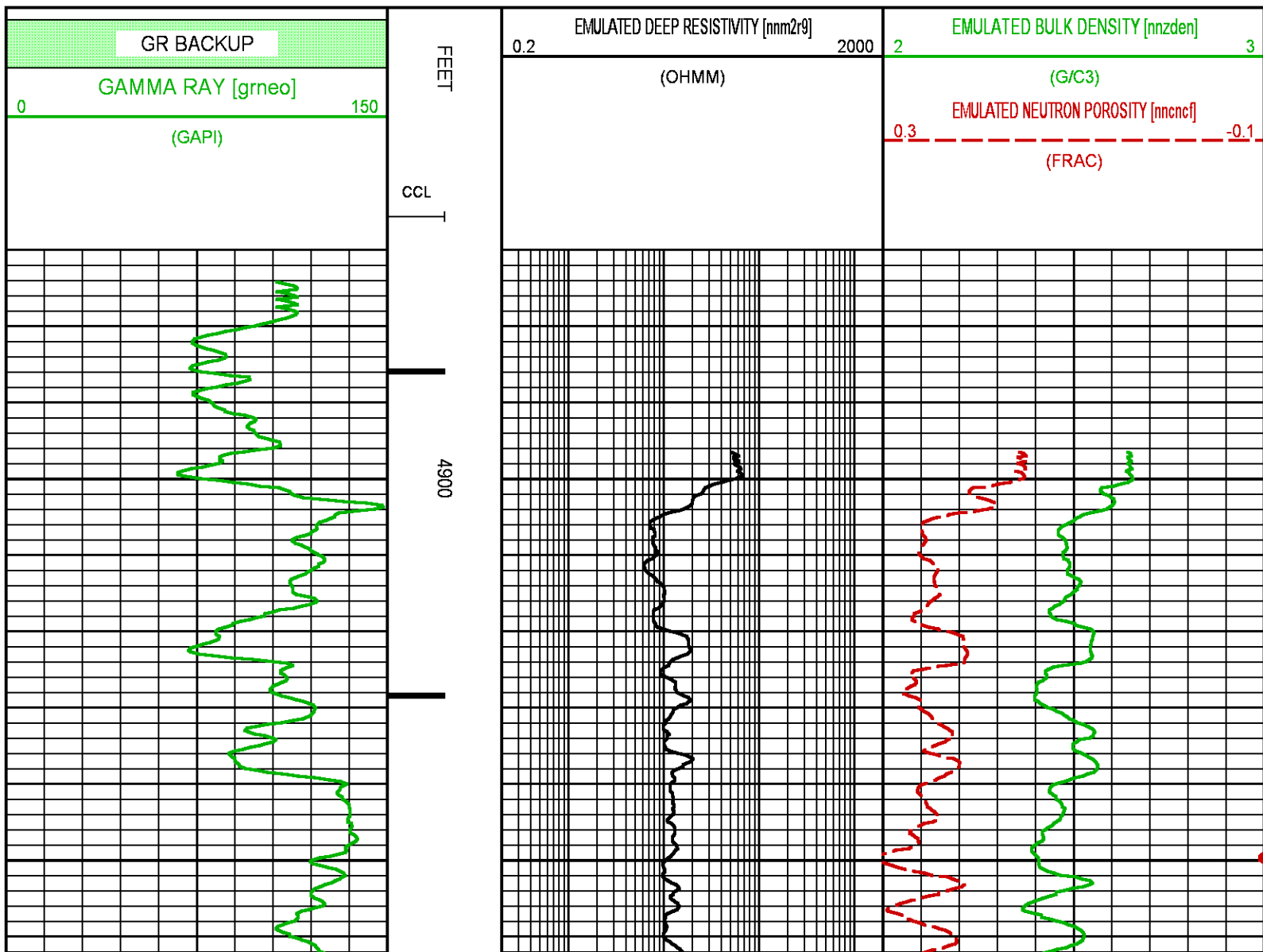
ECLIPS ECPLLOT from ECLIPS 7.0 WFM 6.0.7905.1 Wed 08/23/2017 09:02:35.01

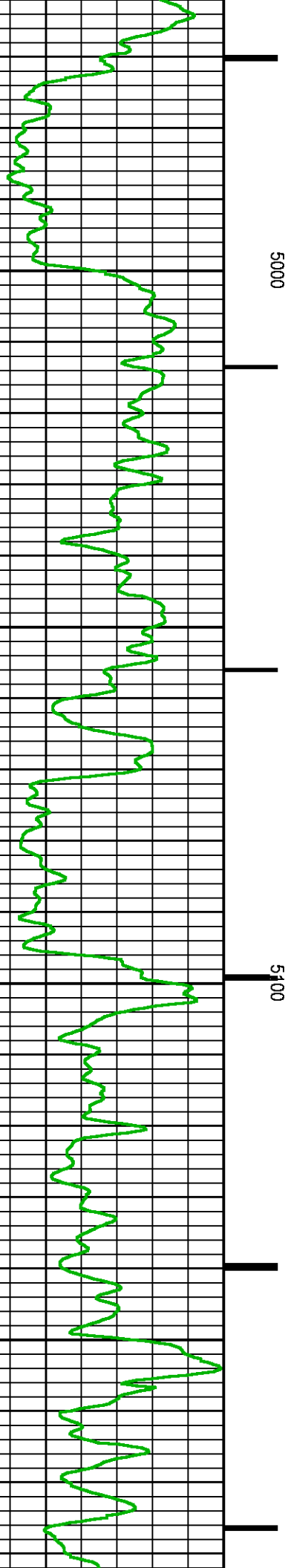
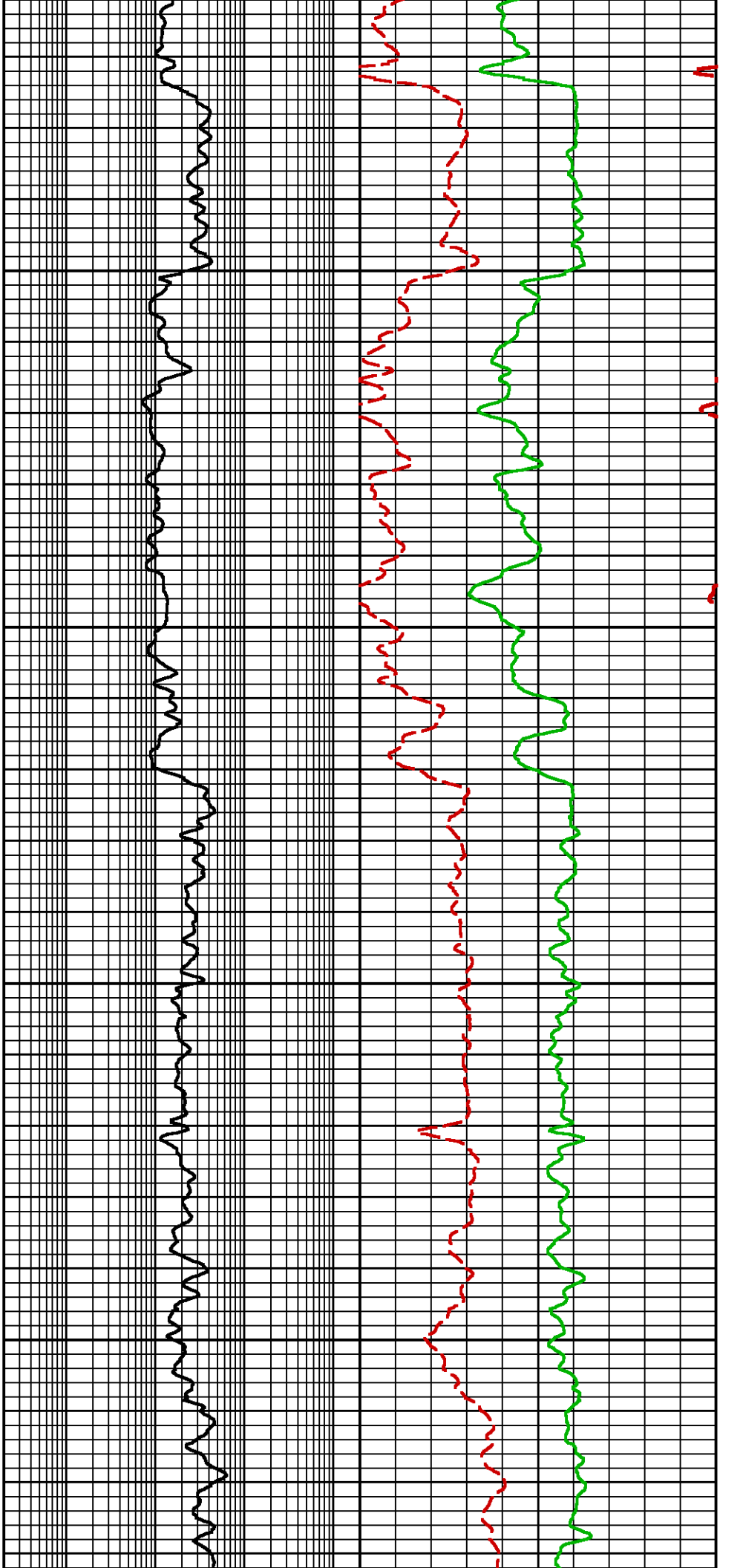
Plotted: Tue Jun 19 10:18:01 2018

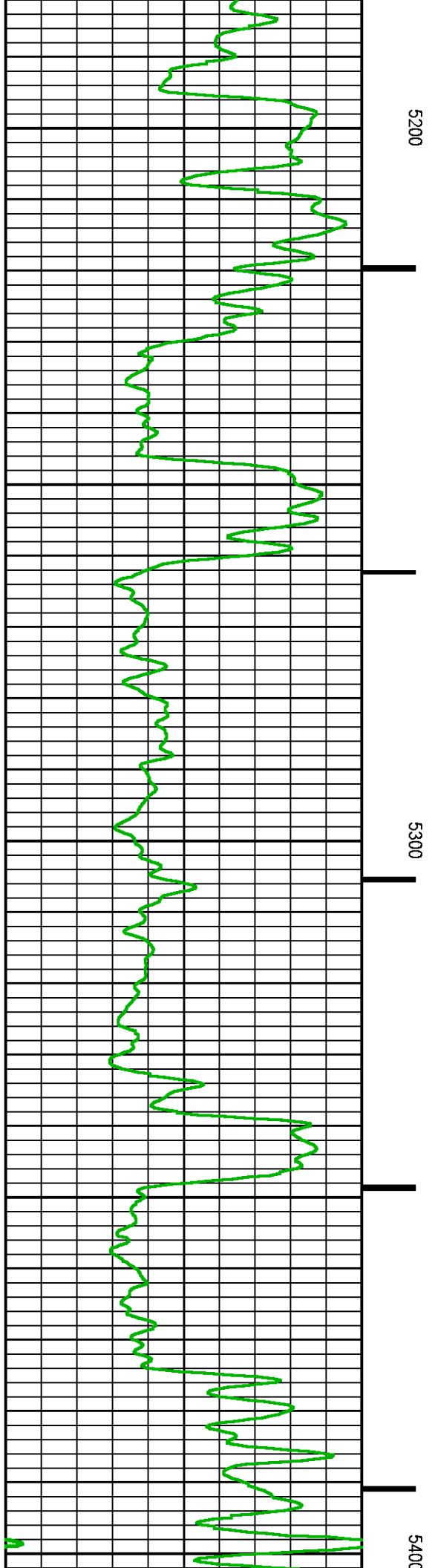
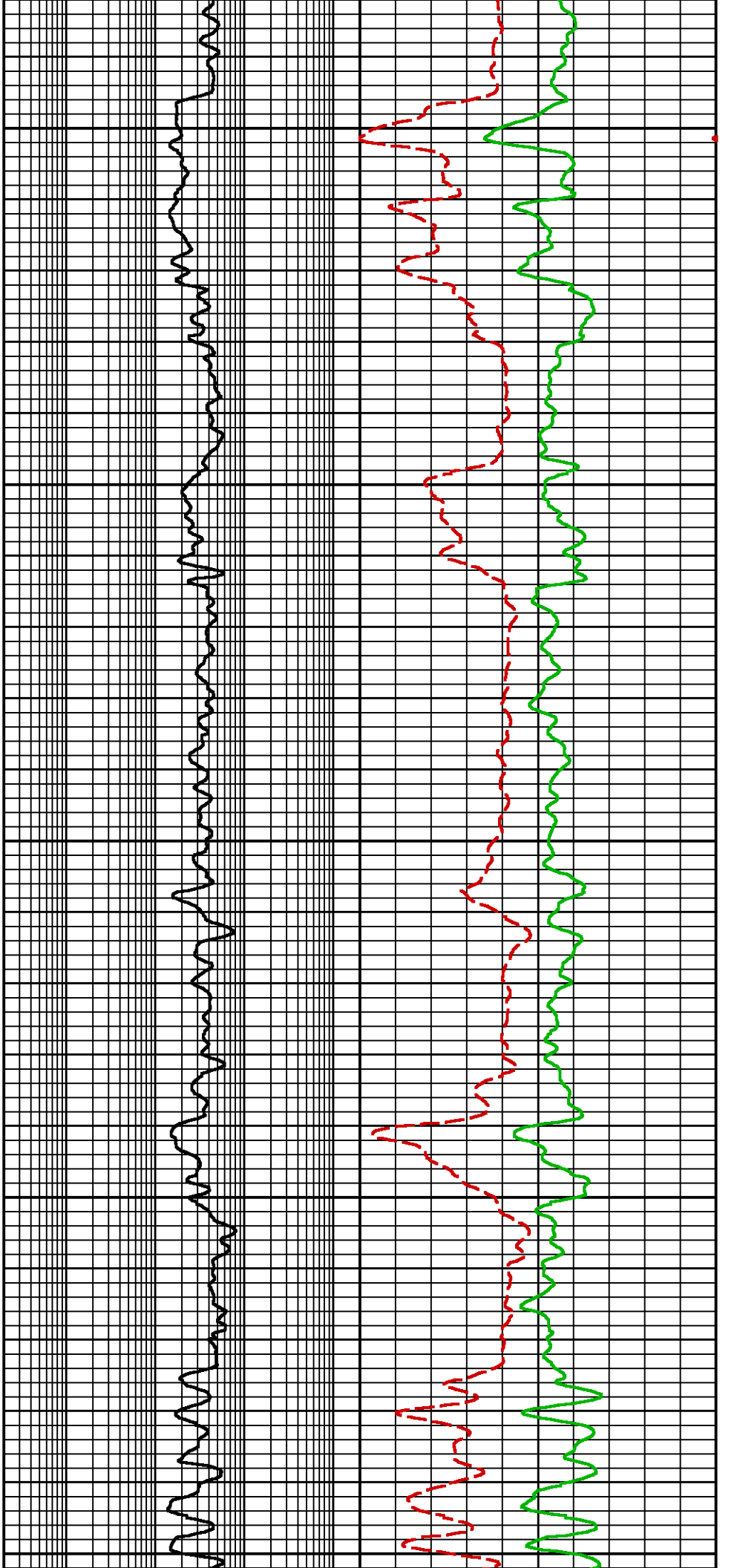
CURVE MEASURE POINT OFFSET

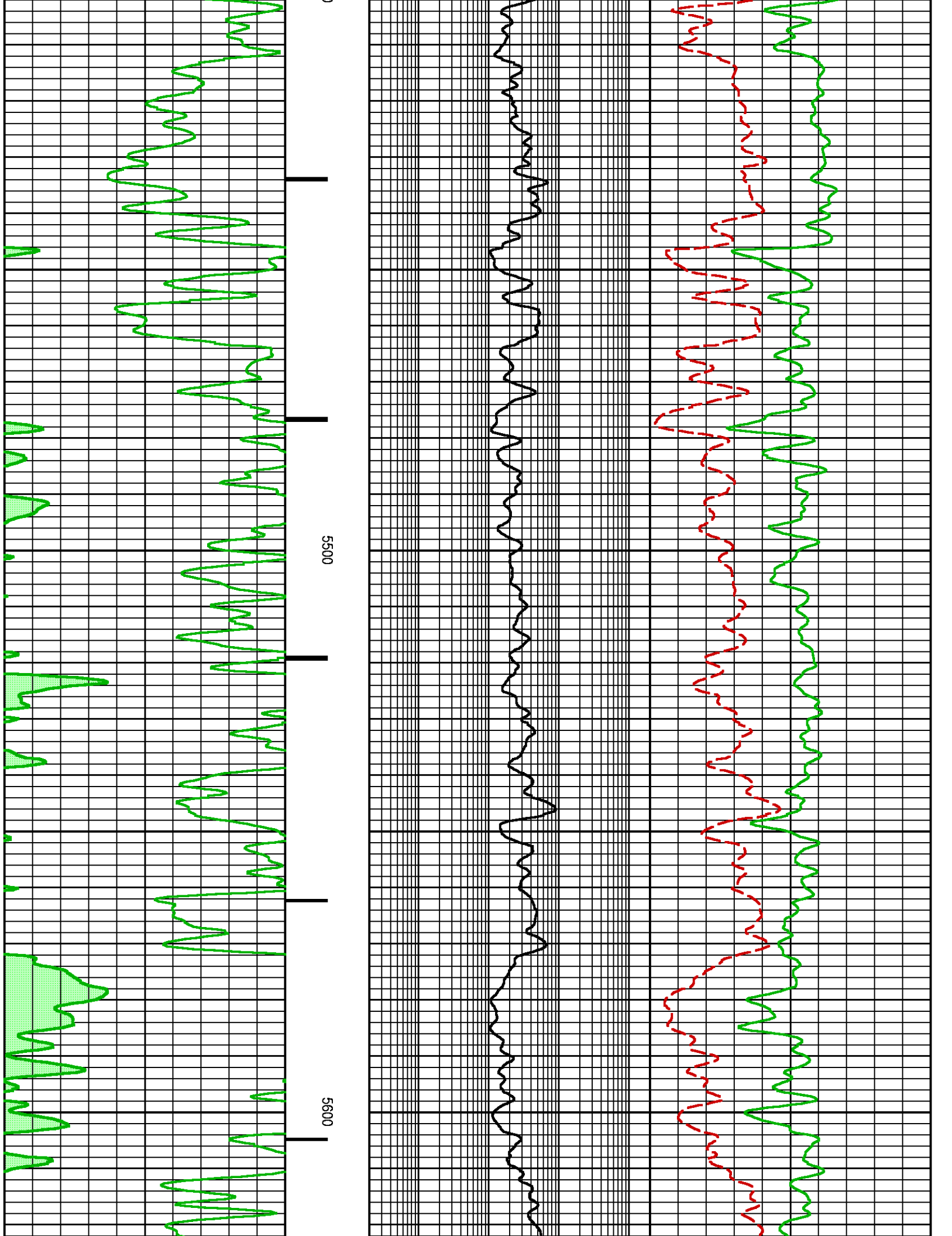
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNC	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

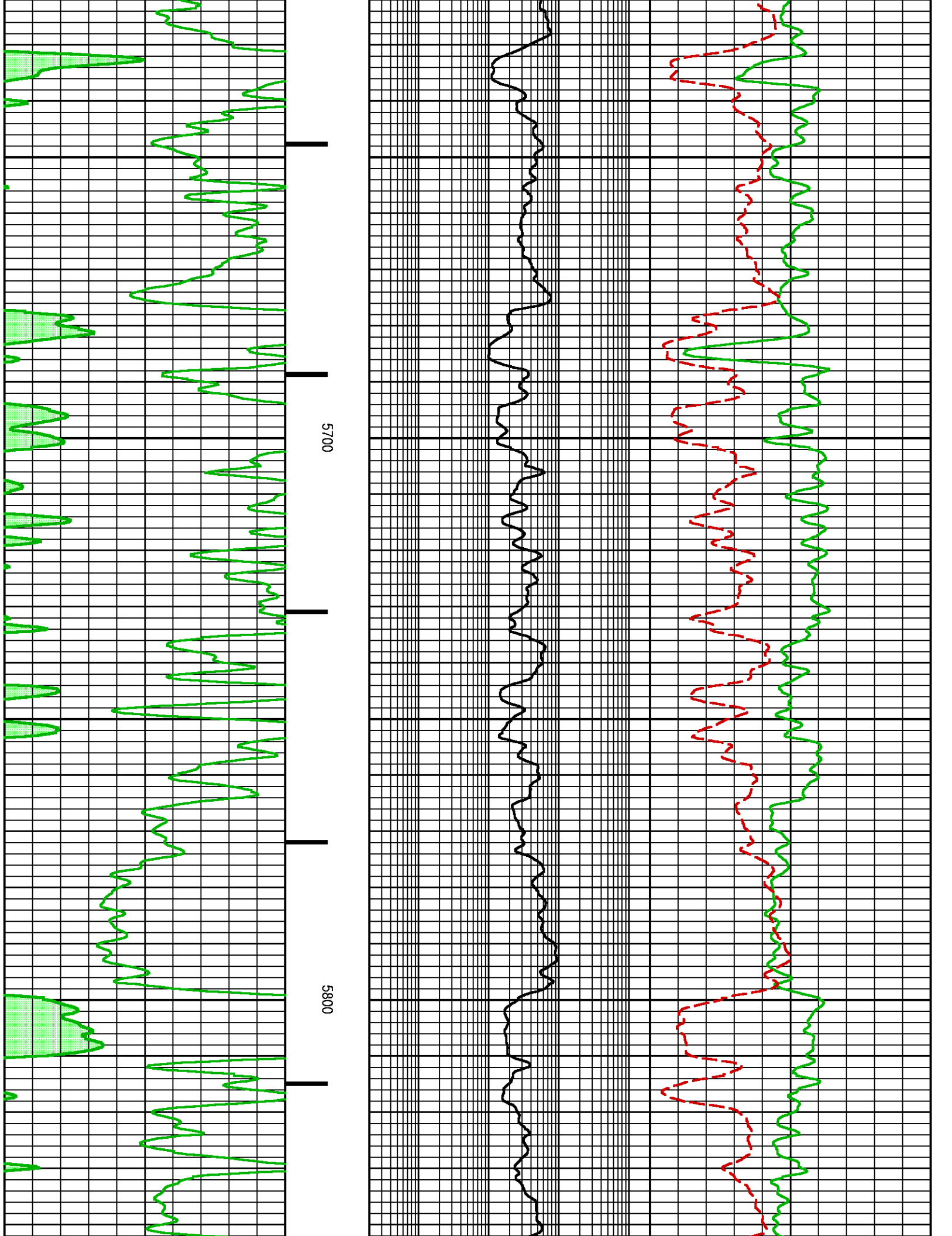
Project : NA
User : kotoale
Presentation : BHI1F65XZ1:d:\Ape_Projects\Laramie_0994_14_11E_NEO\NEO_PRESENTATION_LARAMIE_MAIN.pdf [5"/100" Scale]
Plot Interval : 4870 - 8160 Feet
Data File 1 : F1 : BHI1F65XZ1:D:\Ape_Projects\Laramie_0994_14_11E_NEO\Merged_Set_Final.txt
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : GUNDERSON 0994-14-11E
Field : VEGA
File Interval : 2484 - 8150 Feet
OCT : NA

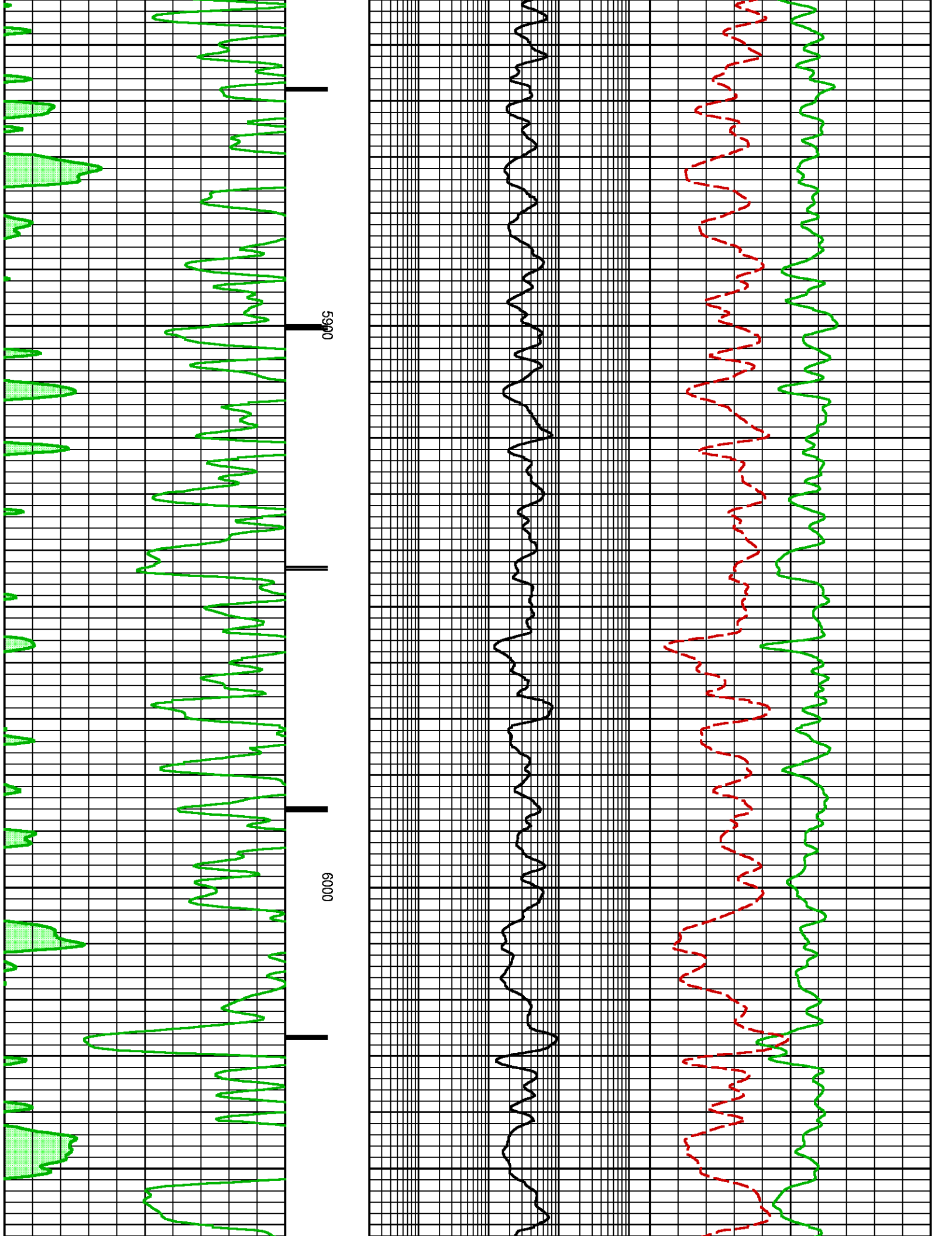


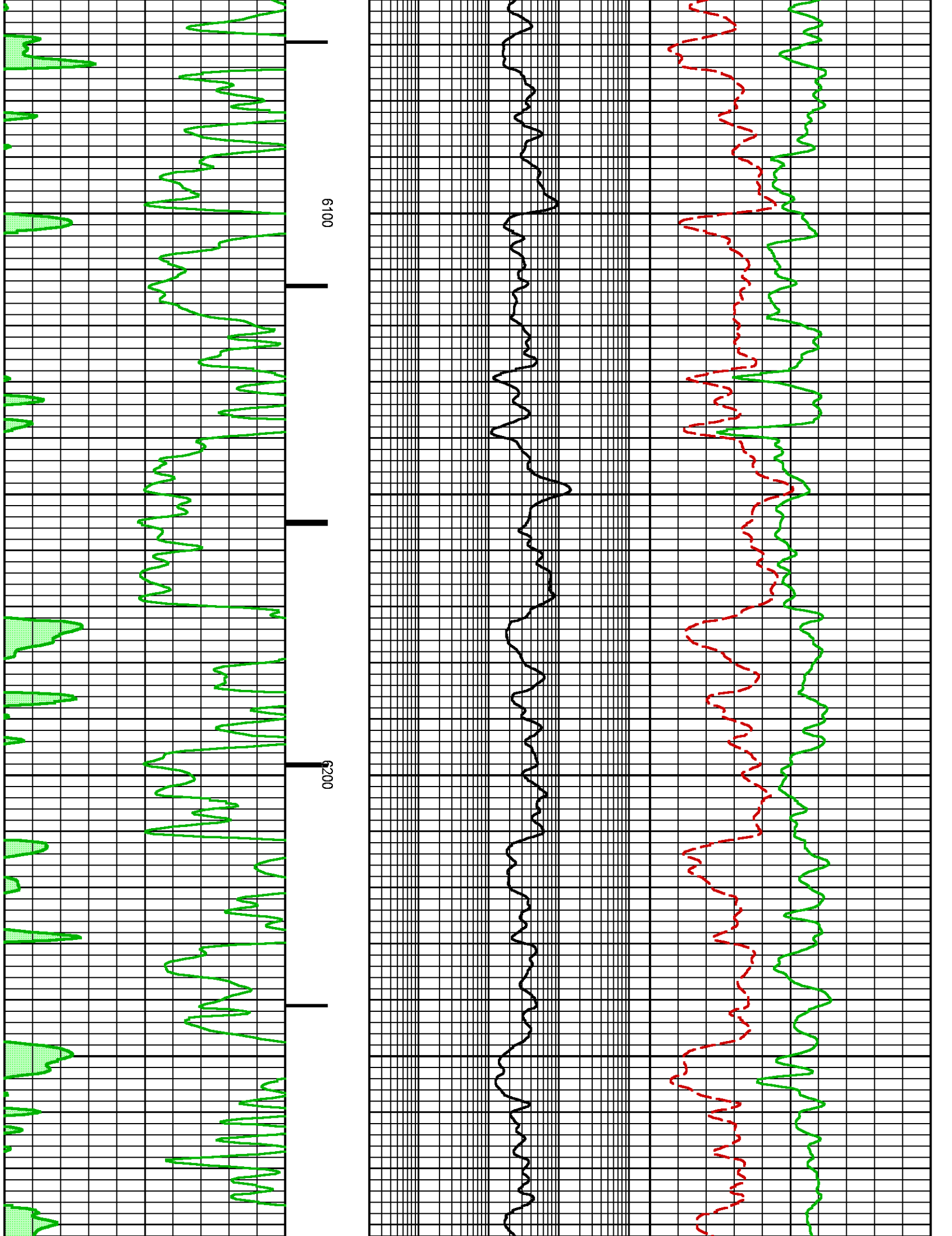


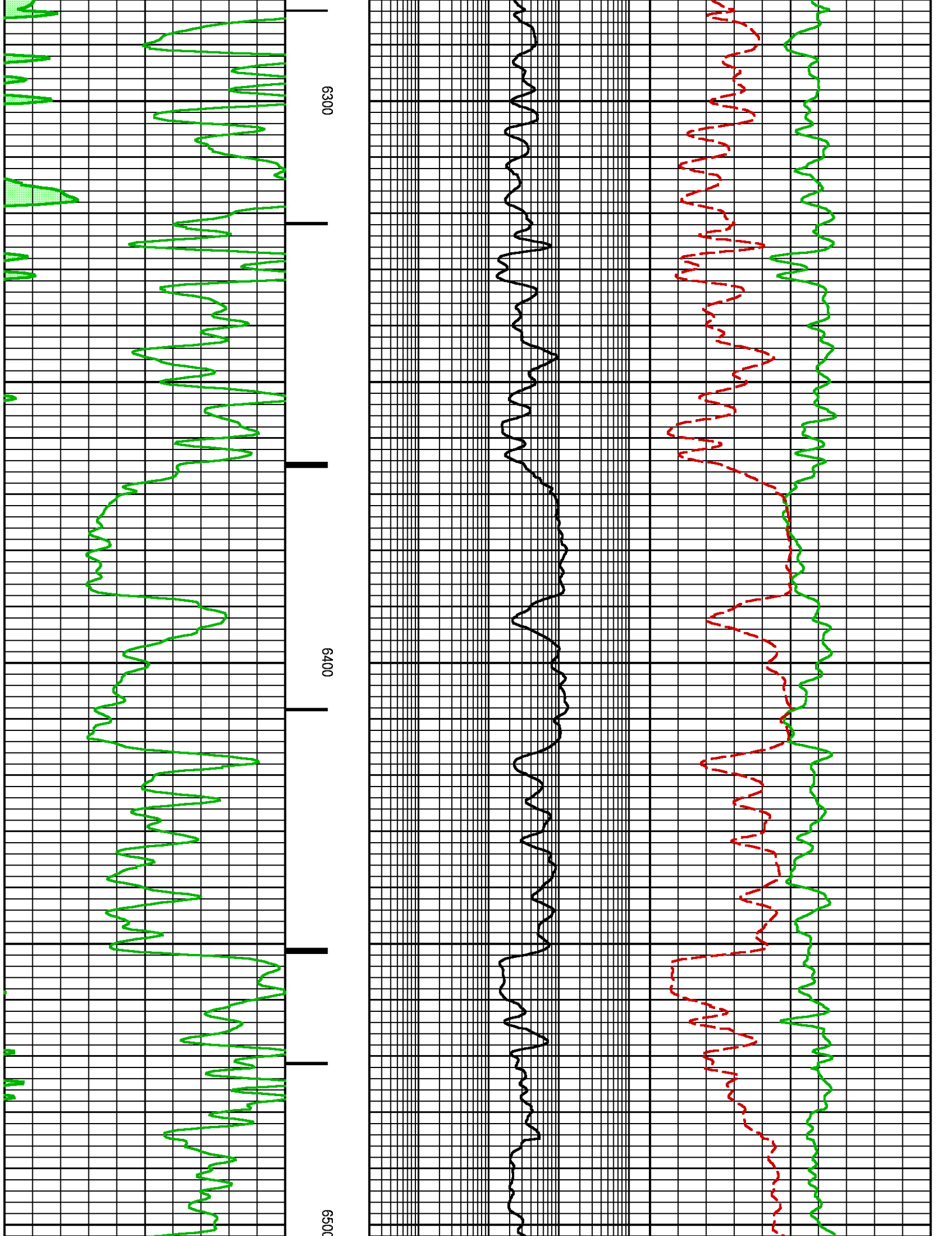


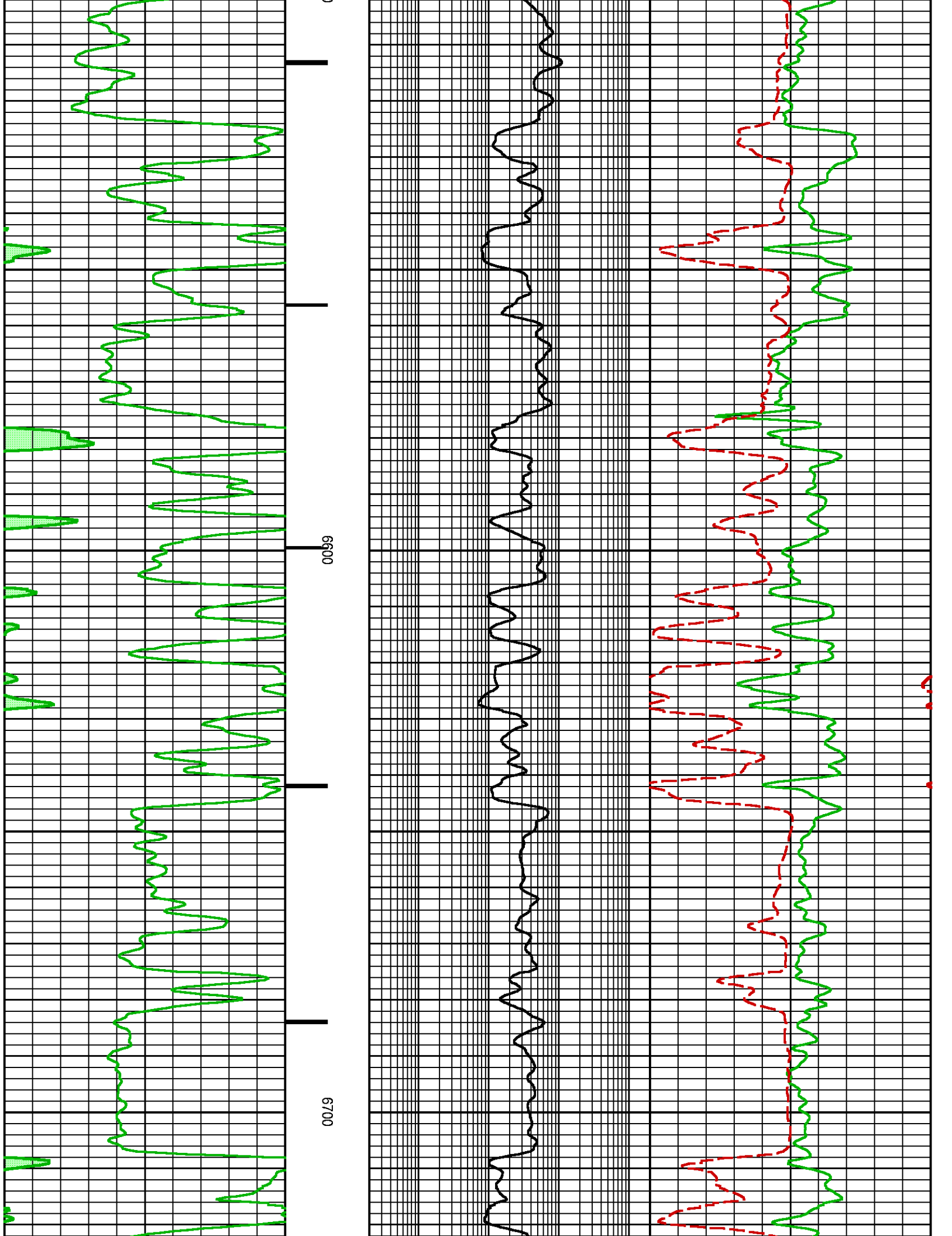


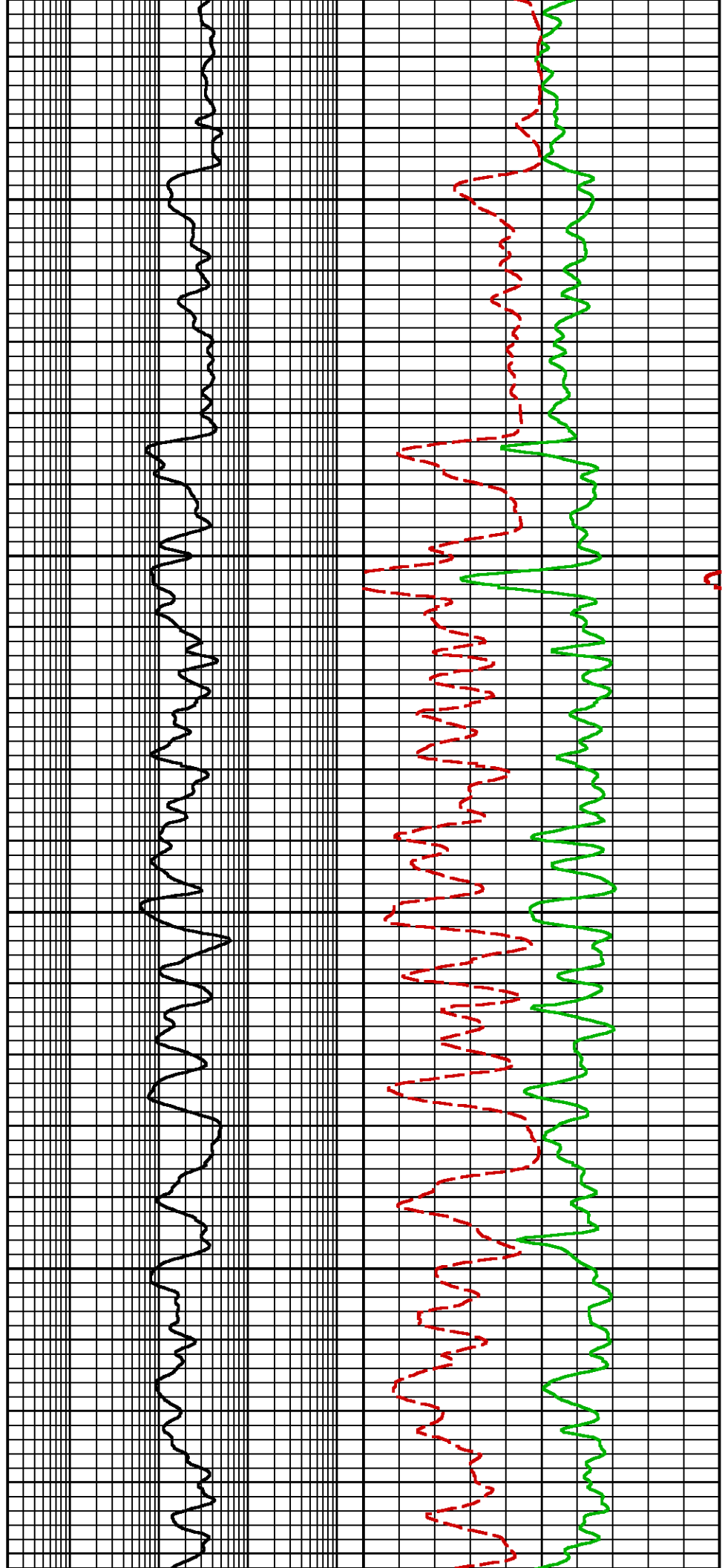
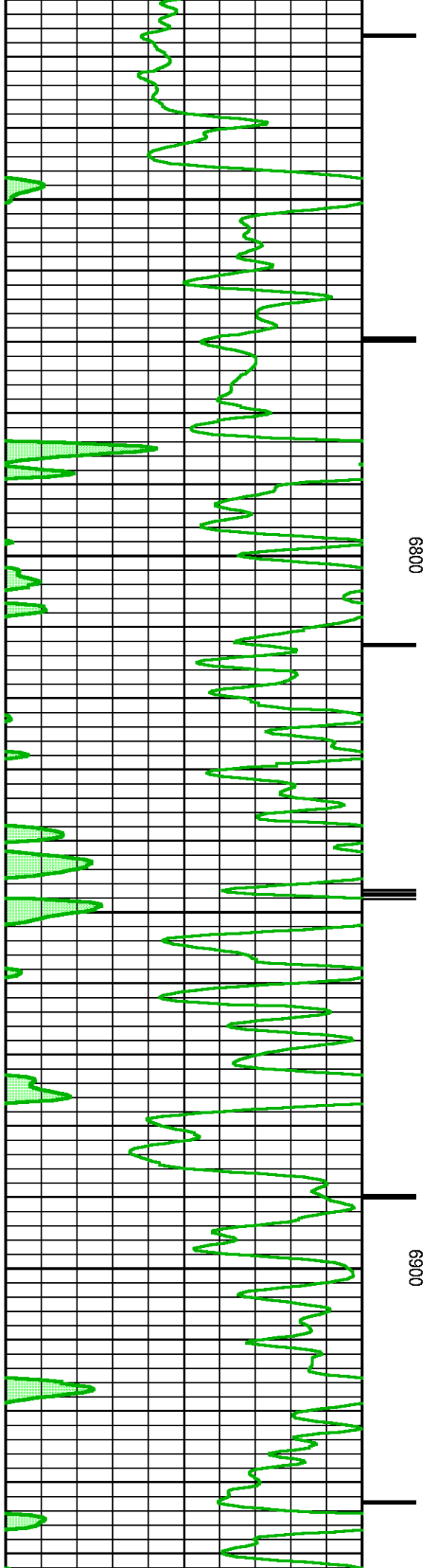


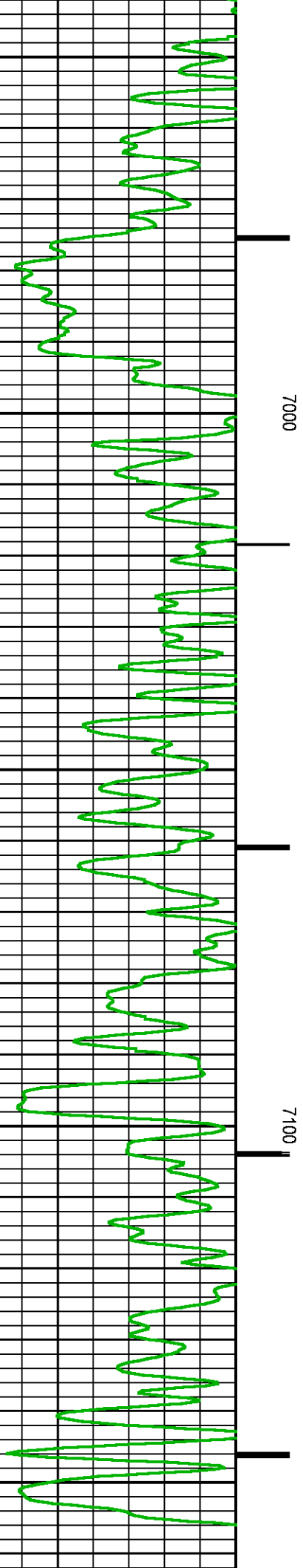
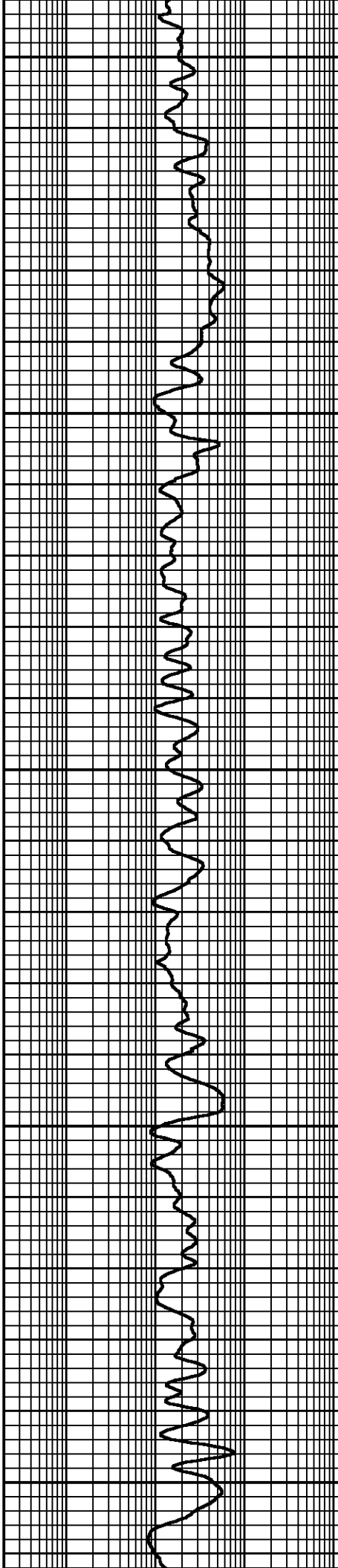
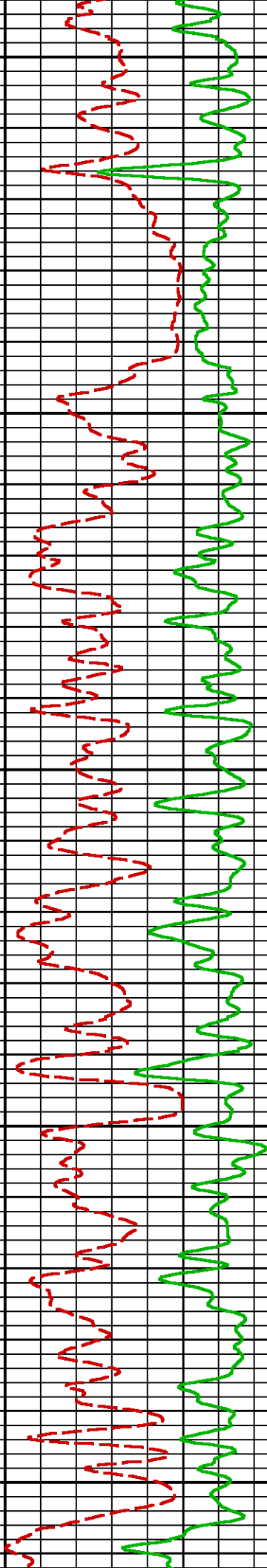


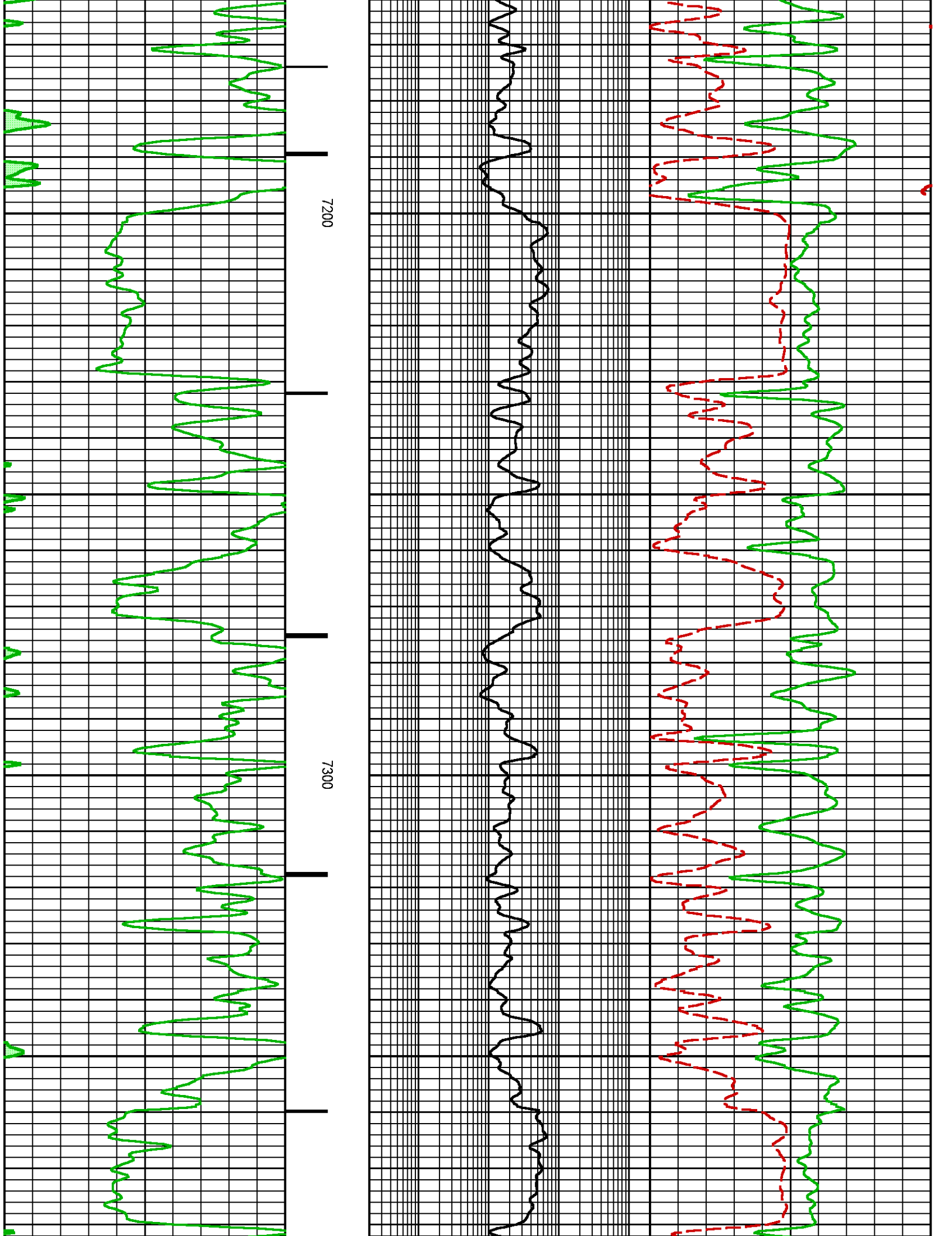


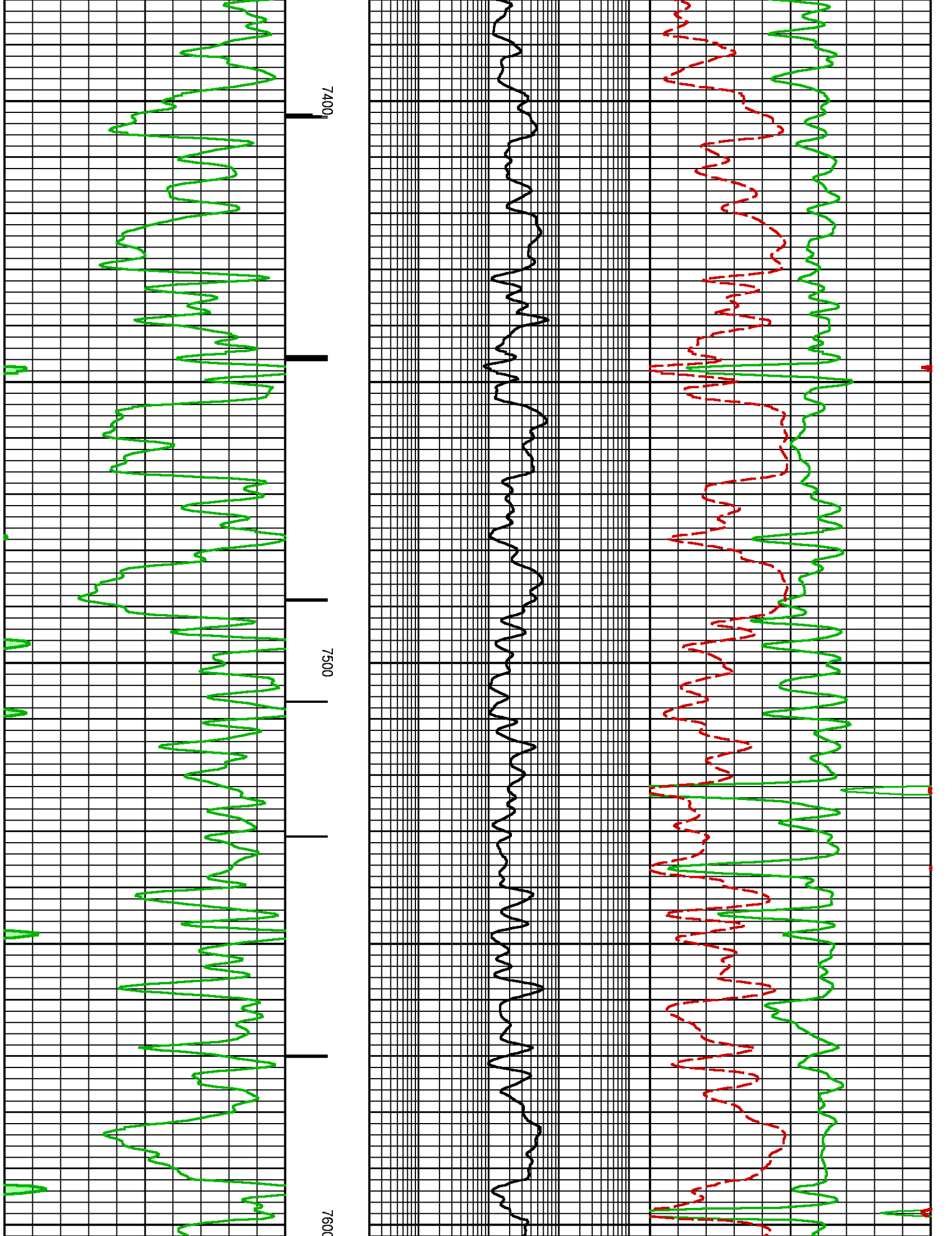


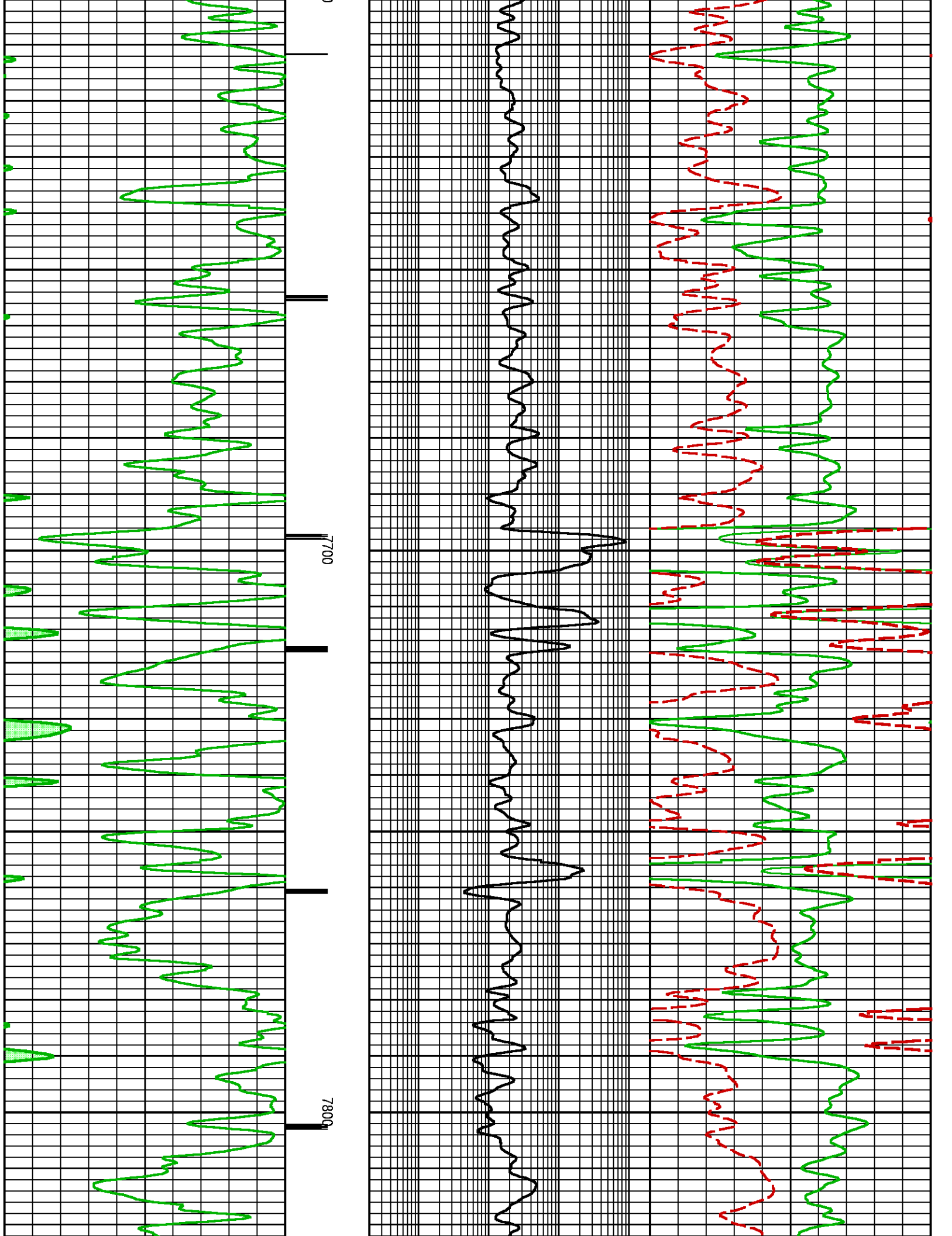


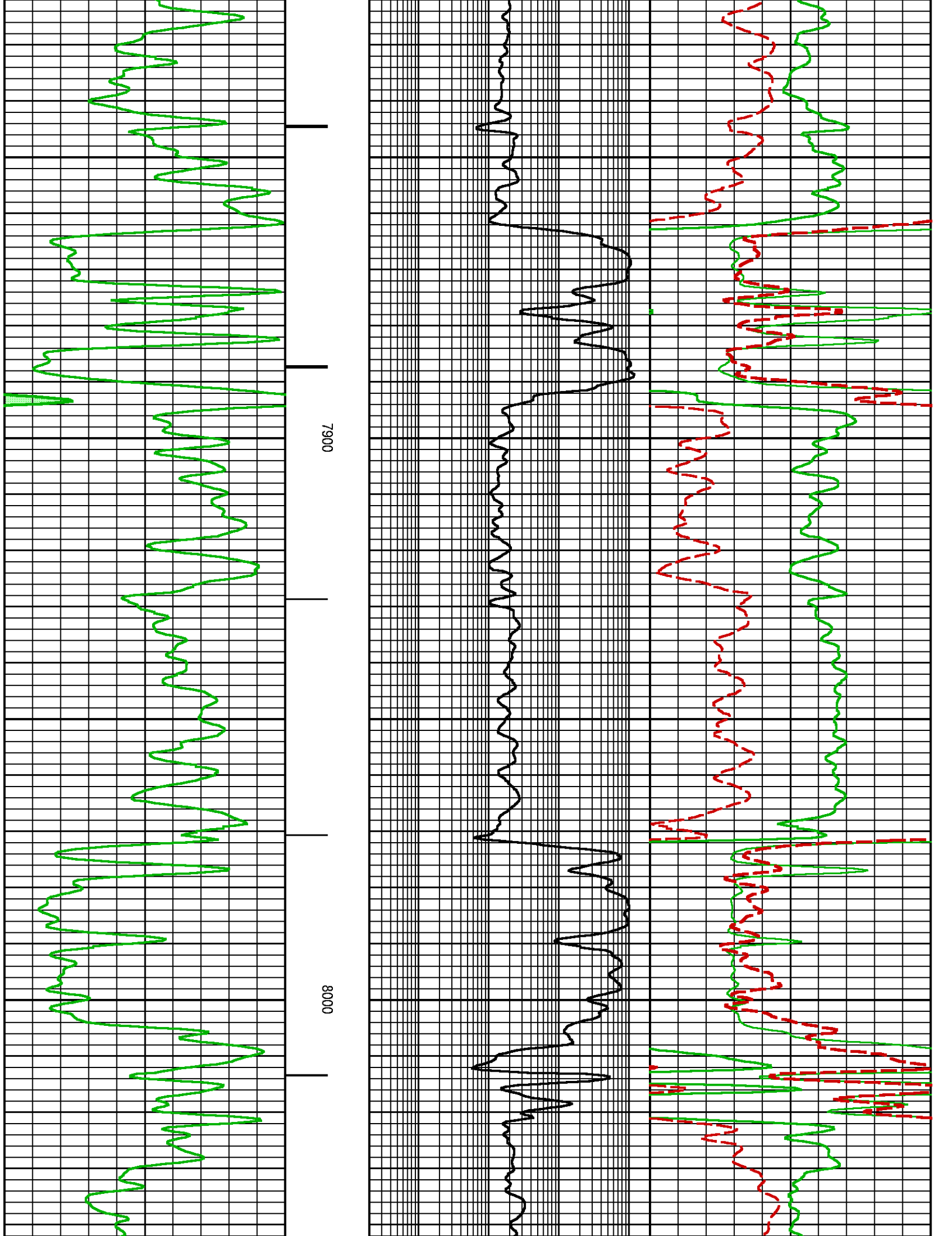


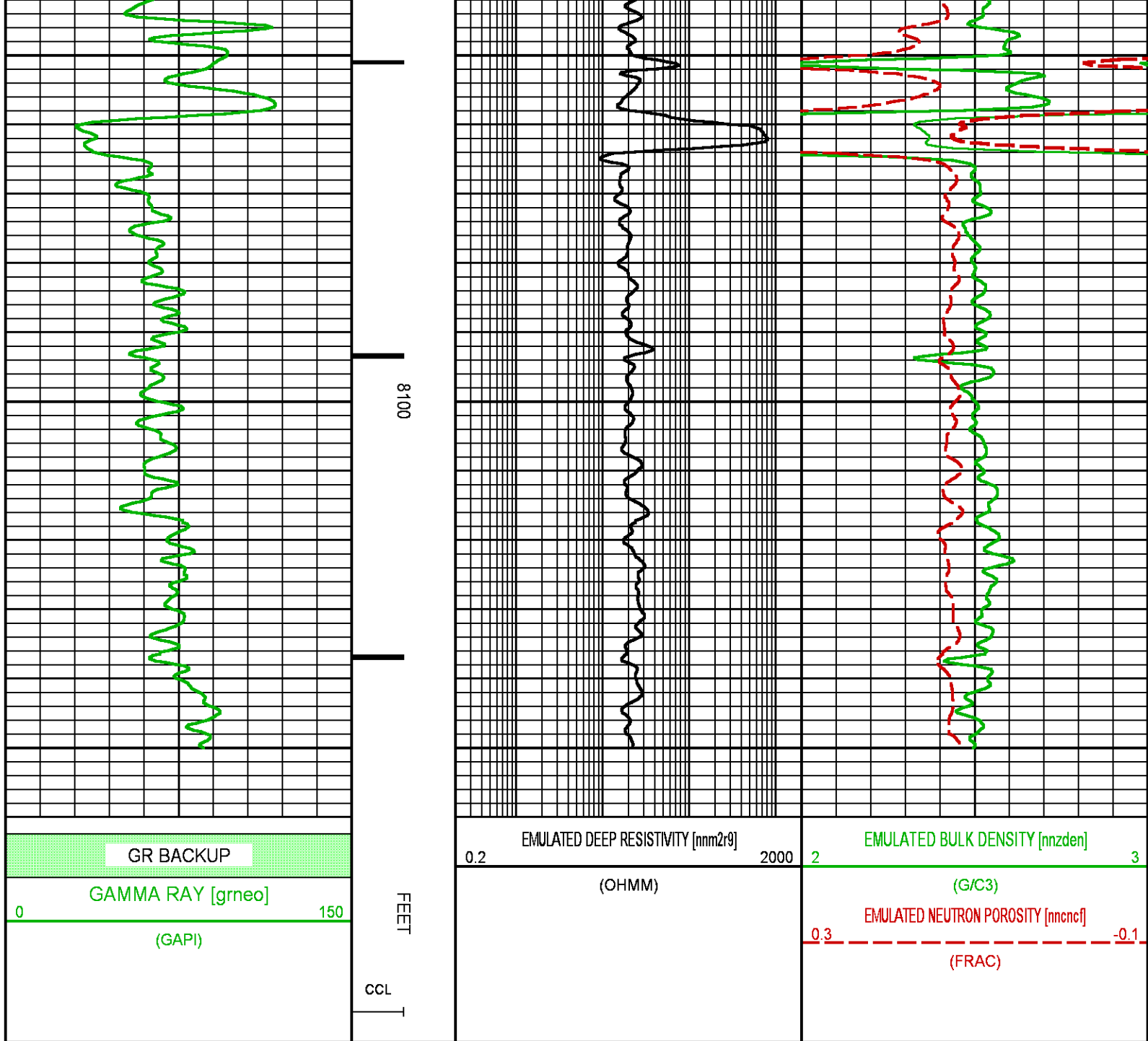



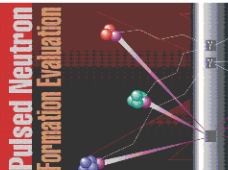










 	COMPANY <u>LARAMIE ENERGY LLC</u> WELL <u>GUNDERSON 0994-14-11E</u> FIELD <u>VEGA</u> COUNTY <u>MESA</u> STATE <u>COLORADO</u>	FILE NO: _____ API NO: <u>05077105380000</u>
	LOCATION: <u>SEE REMARKS SECTION</u>	ELEVATIONS: KB <u>7302.0 FT</u> DF _____ GL <u>7272.0 FT</u> DATE <u>14-JUN-2018</u>
SEC <u>14</u> TWP <u>9S</u> RGE <u>94W</u>		