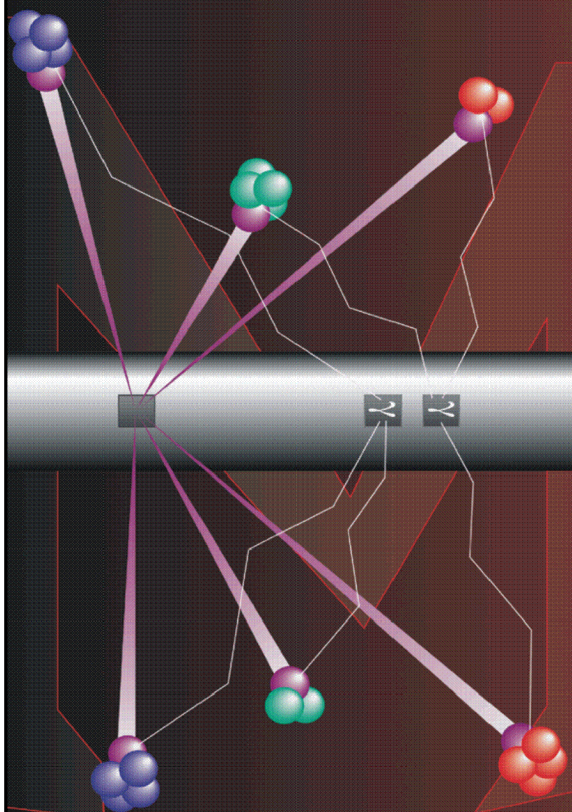


Pulsed Neutron Formation Evaluation



NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY II LLC

WELL BCU-0993-21-06W

FIELD BUZZARD CREEK

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS SECTION

SEC 21 TWP 9S RGE 93W

ELEVATIONS:

KB 7287 FT DF GL 7257 FT

DATE 15-NOV-18 ECC US145362J

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>20-NOV-18</u>
FIELD DATA	LOCATION: <u>GRAND JUNCTION</u>		ENGINEER: <u>P. JOHNSTON/US145362</u>		DATE: <u>15-NOV-2018</u>
FROM	TO				
<u>2248 FT</u>	<u>7251 FT</u>				

REMARKS

LOCATION:
SHL: 1361 FNL 1280.0 FWL
BHL: 1361 FNL 1280.0 FWL

TRAINING WELL: 0993 21-08W

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

BOND LOG IS DEPTH REFERENCE LOG

ANALYST: ALEXANDR KOTOV

NEO RESULTS FOR BCU-0993-21-06W (G-SAND)

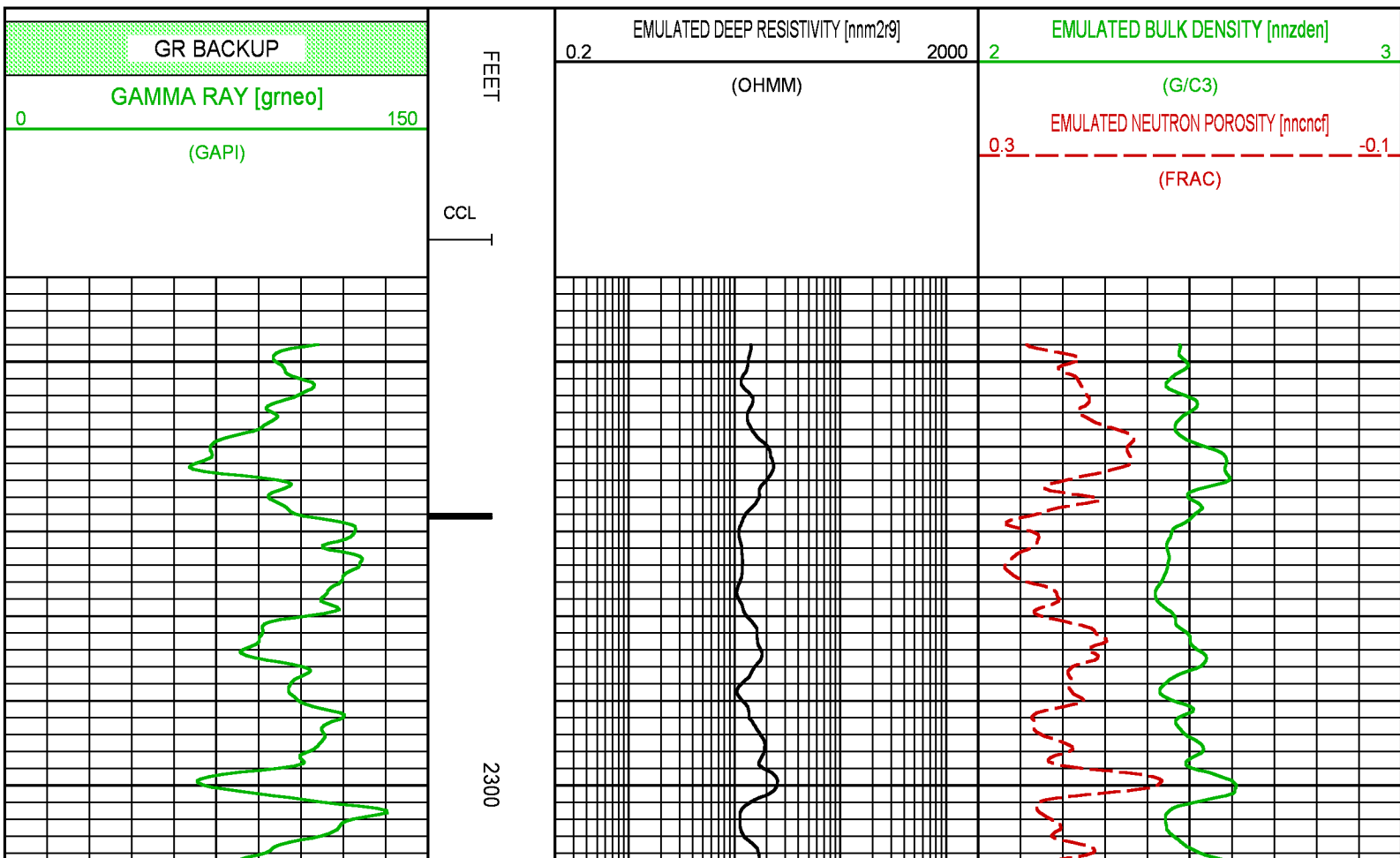
ECLIPS ECPLLOT from ECLIPS 7.0 WFM 6.0.7905.1 Wed 08/23/2017 09:02:35.01

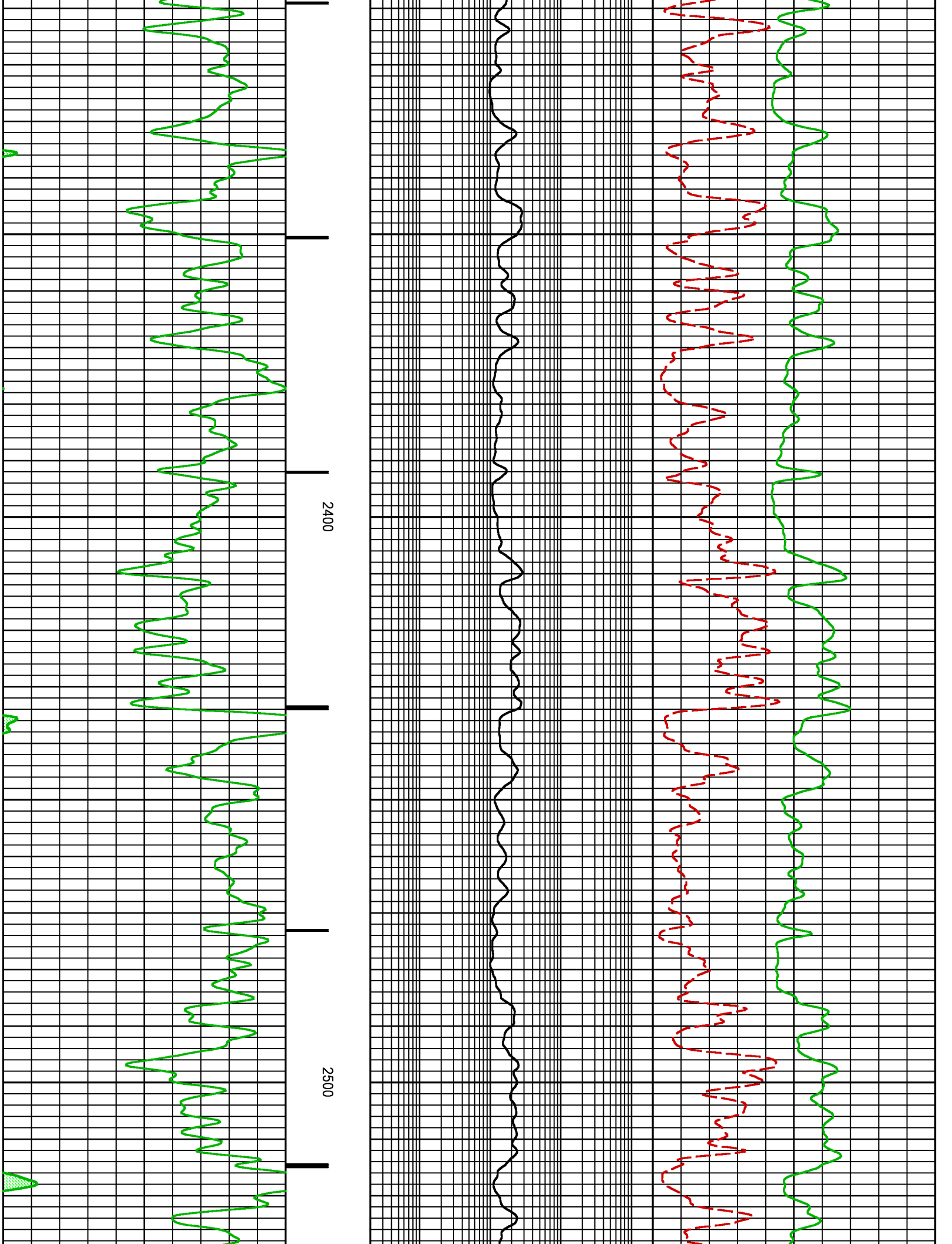
Plotted: Tue Nov 20 13:01:25 2018

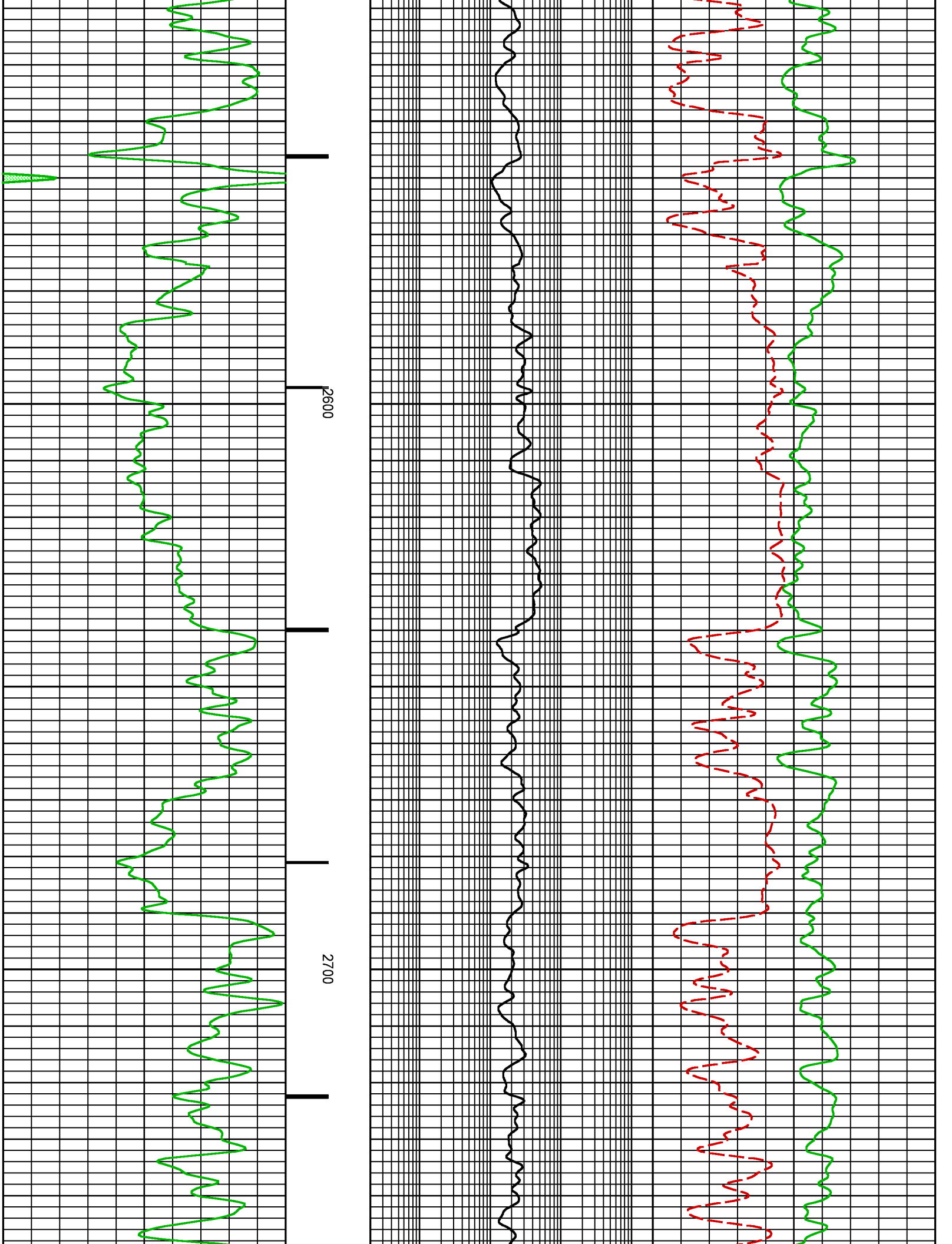
CURVE MEASURE POINT OFFSET

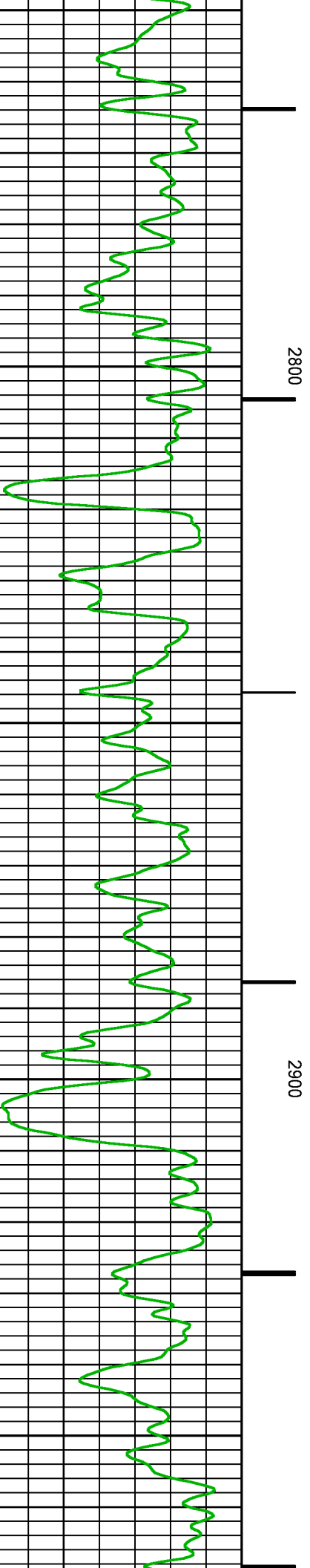
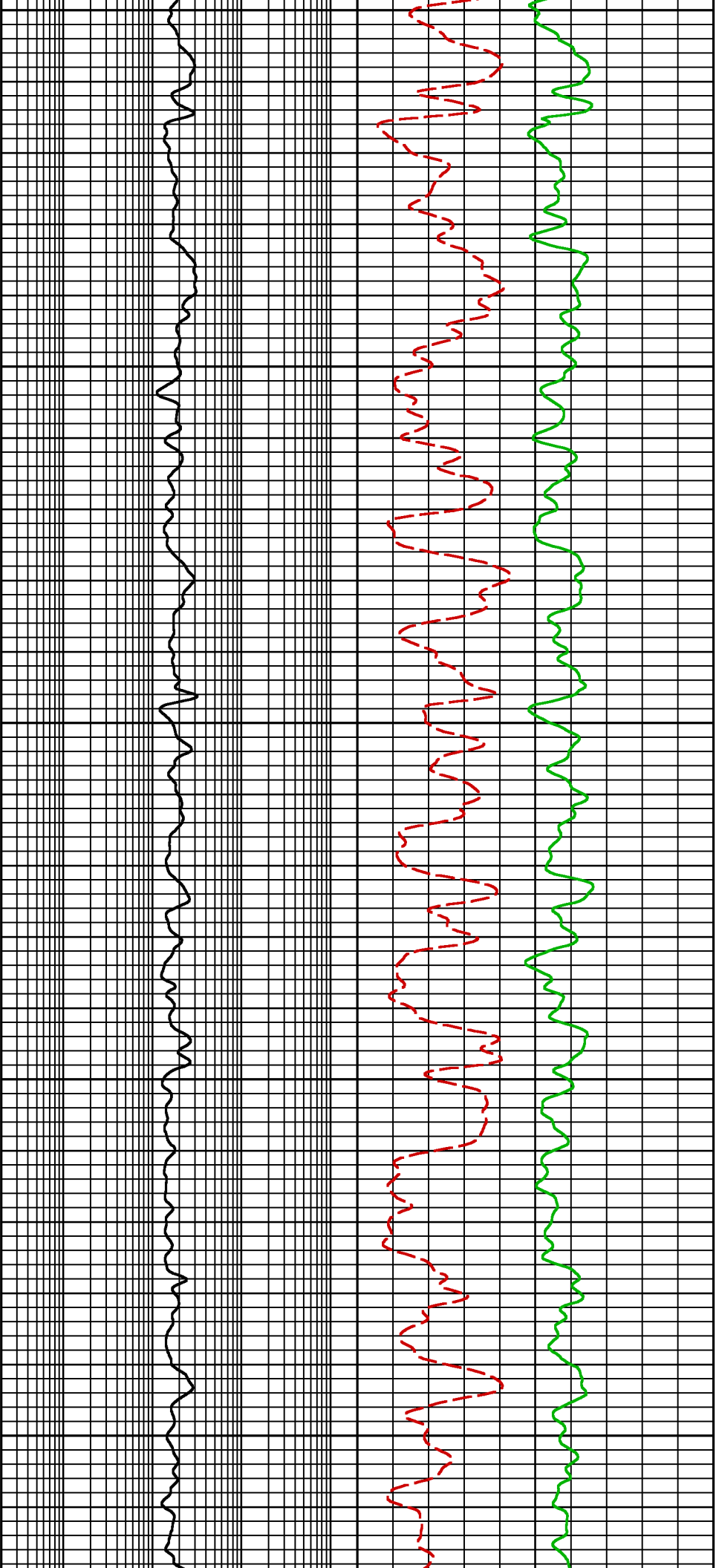
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNC	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

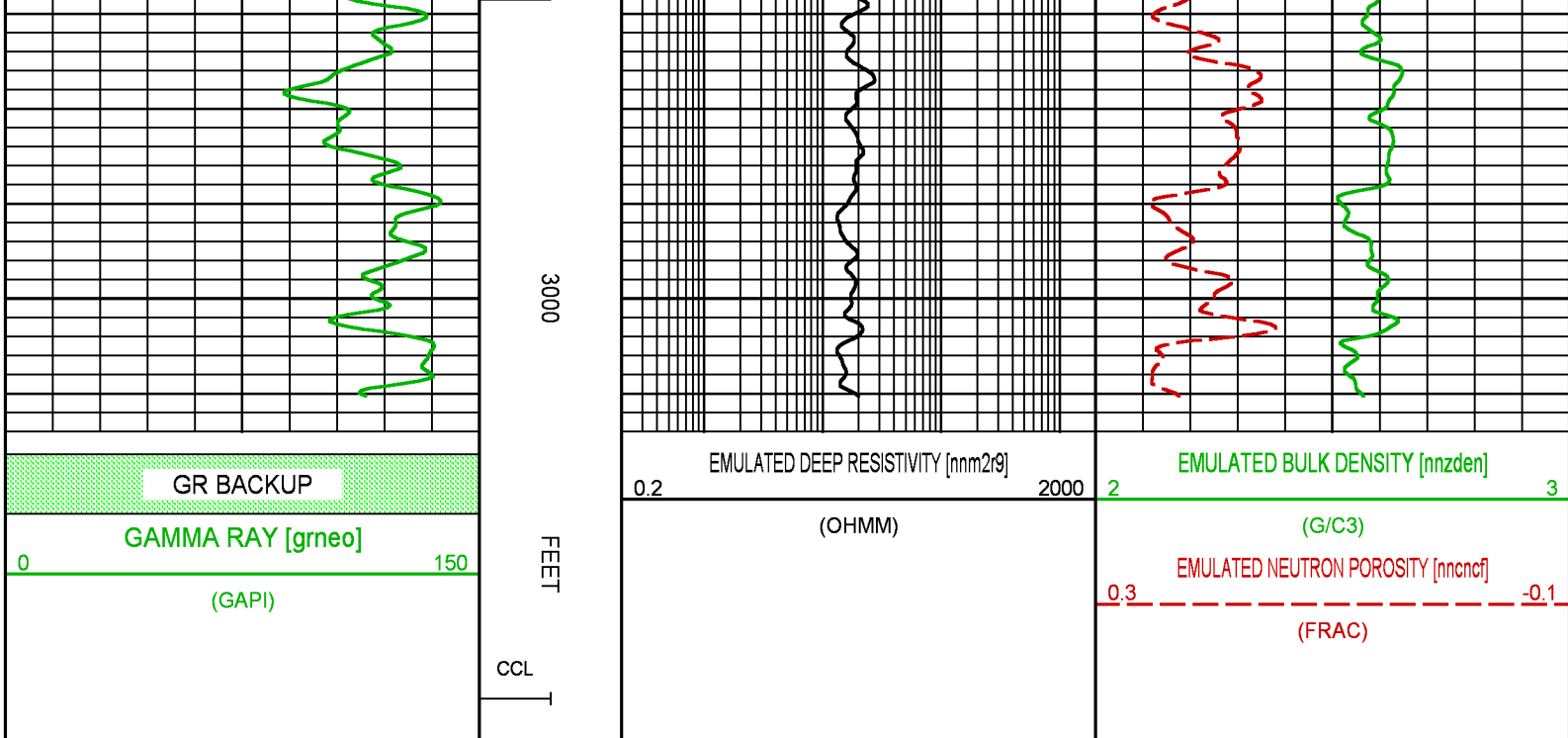
Project : NA
 User : kotoale
 Presentation : BHI1F65XZ1:D:\Ape_Projects\LARAMIE_BCU_0993_21_06W_NEO\NEO_PRESENTATION_LARAMIE_G-Sand.pdf [5"/100' Scale]
 Plot Interval : 2240 - 3014 Feet
 Data File 1 : F1 : BHI1F65XZ1:D:\Ape_Projects\LARAMIE_BCU_0993_21_06W_NEO\Merged_Set_Final.xtf
 Created On : Nov 20 10:06:34 2018
 Company : LARAMIE ENERGY LLC
 Well : BCU-0993-21-06W
 Field : BUZZARD CREEK
 File Interval : 2248 - 7521 Feet
 OCT : NA











NEO RESULTS FOR BCU-0993-21-06W (MAIN)

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

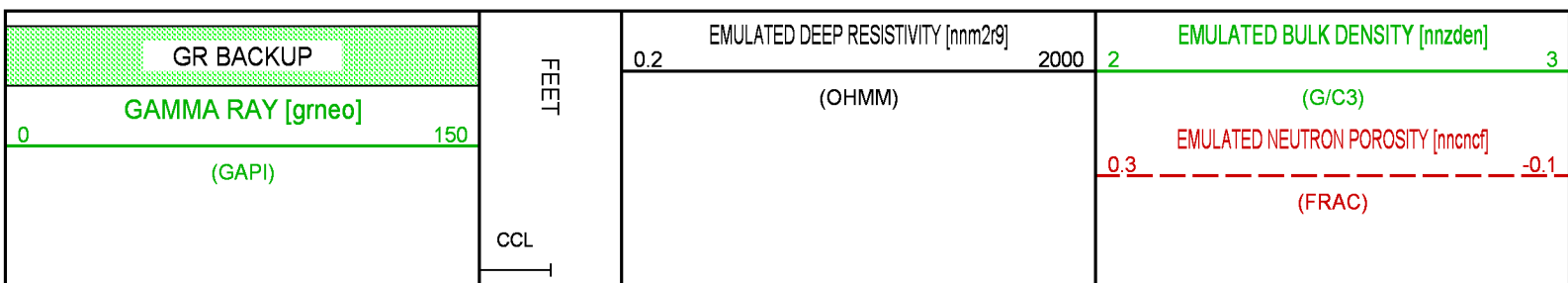
Plotted: Tue Nov 20 13:03:03 2018

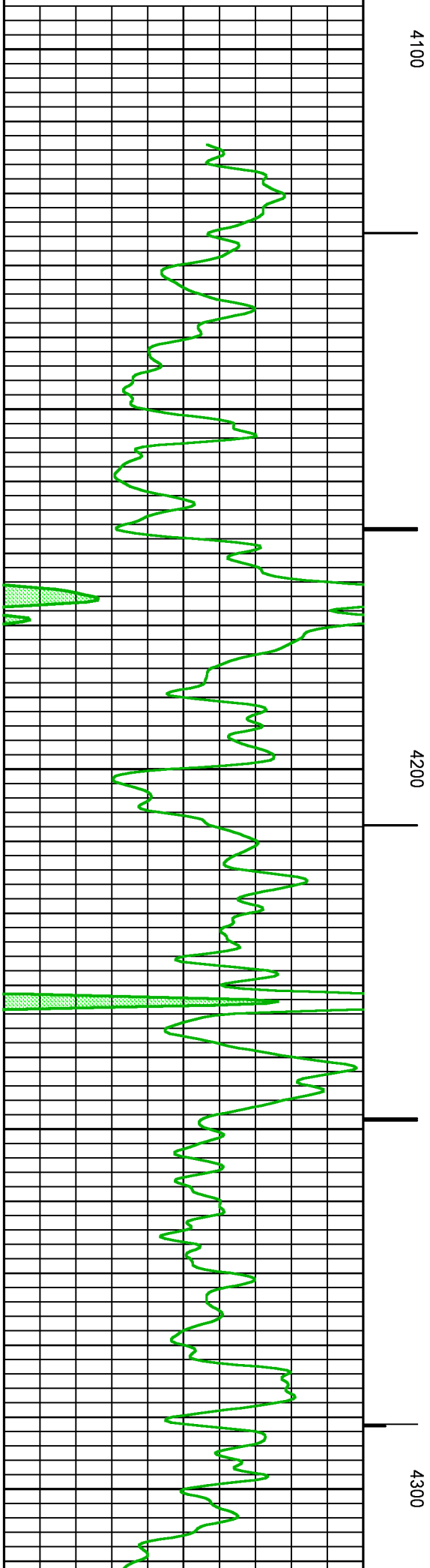
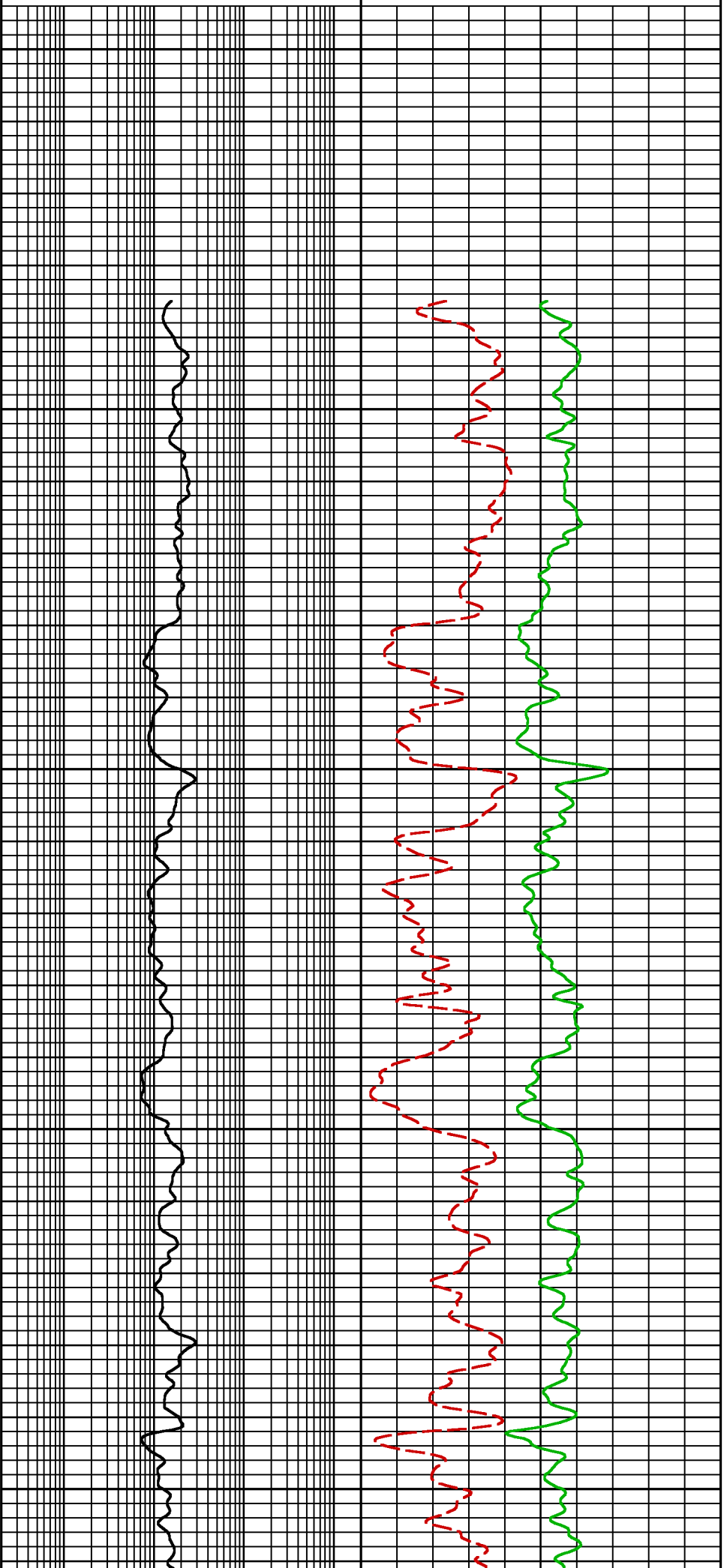
CURVE MEASURE POINT OFFSET

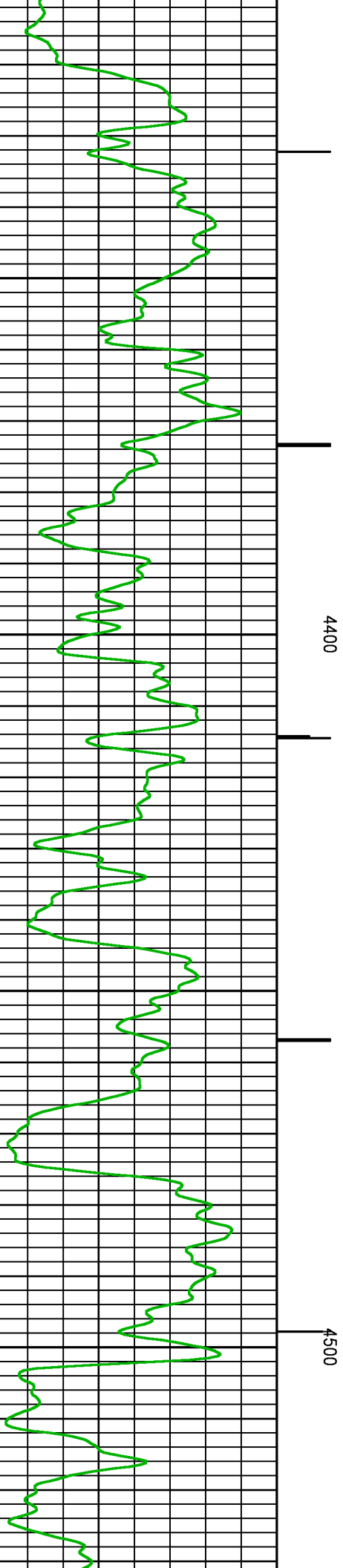
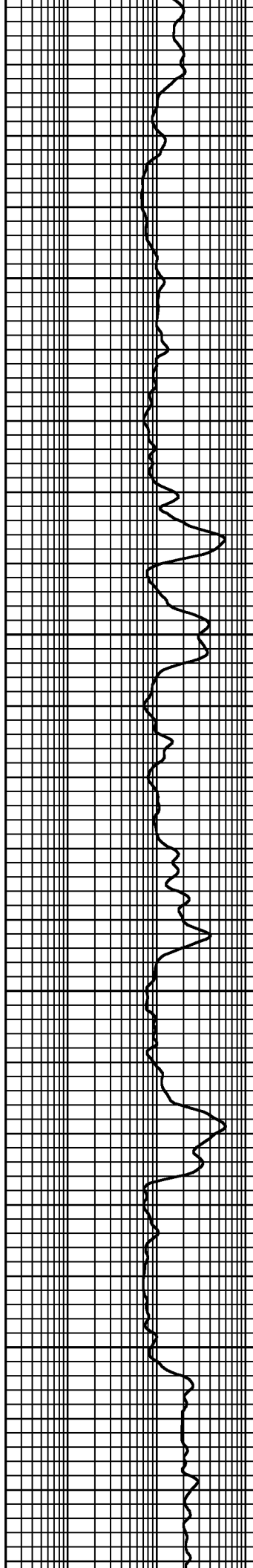
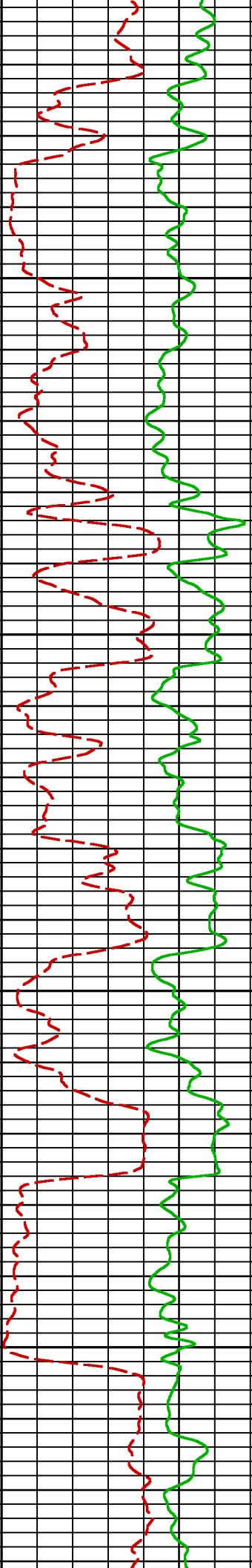
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNCf	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

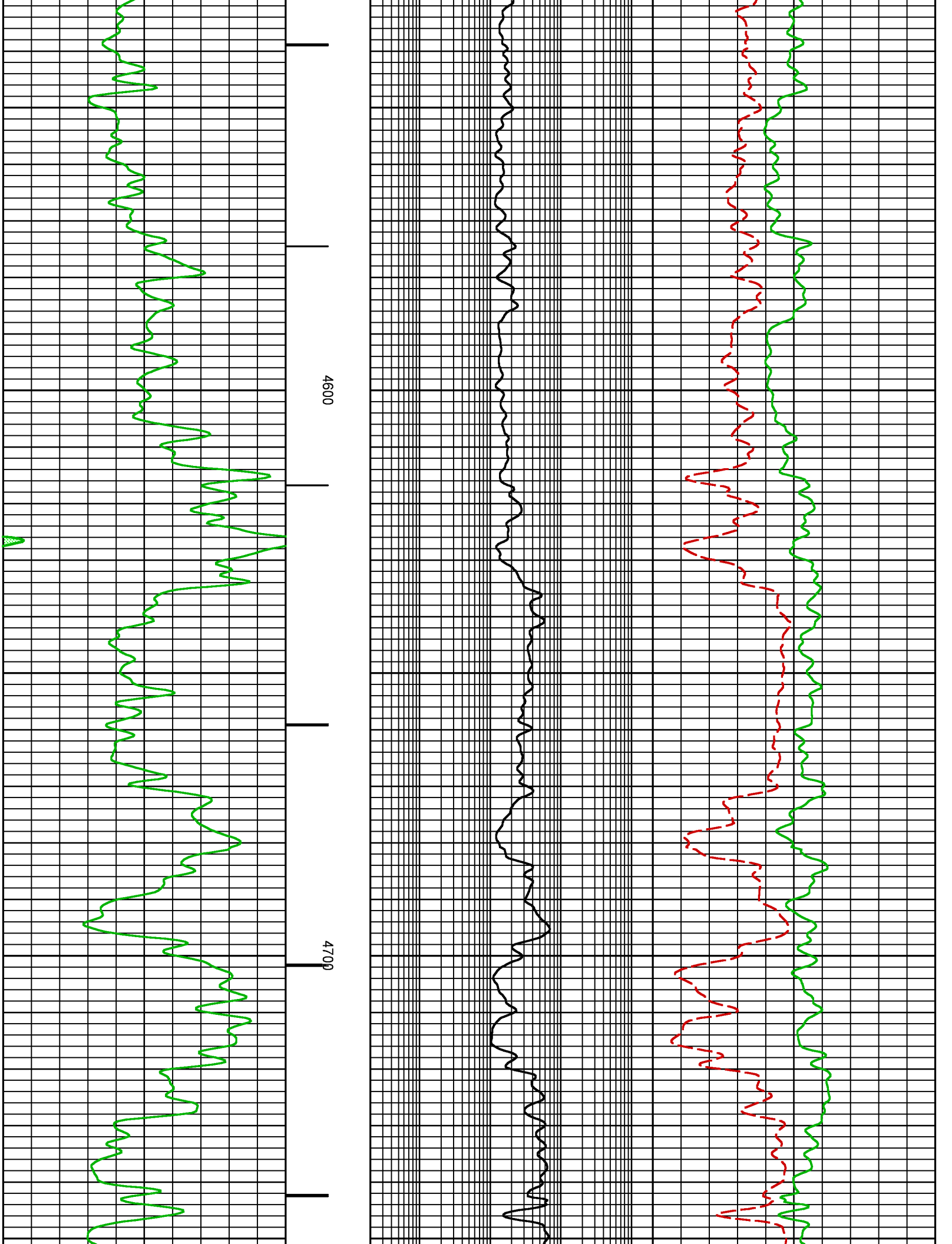
Project : NA
User : kotoale
Presentation : BHI1F65XZ1:D:\Ape_Projects\LARAMIE_BCU_0993_21_06W_NEO\NEO_PRESENTATION_LARAMIE_MAIN.pdf [5"/100' Scale]
Plot Interval : 4094 - 7535 Feet

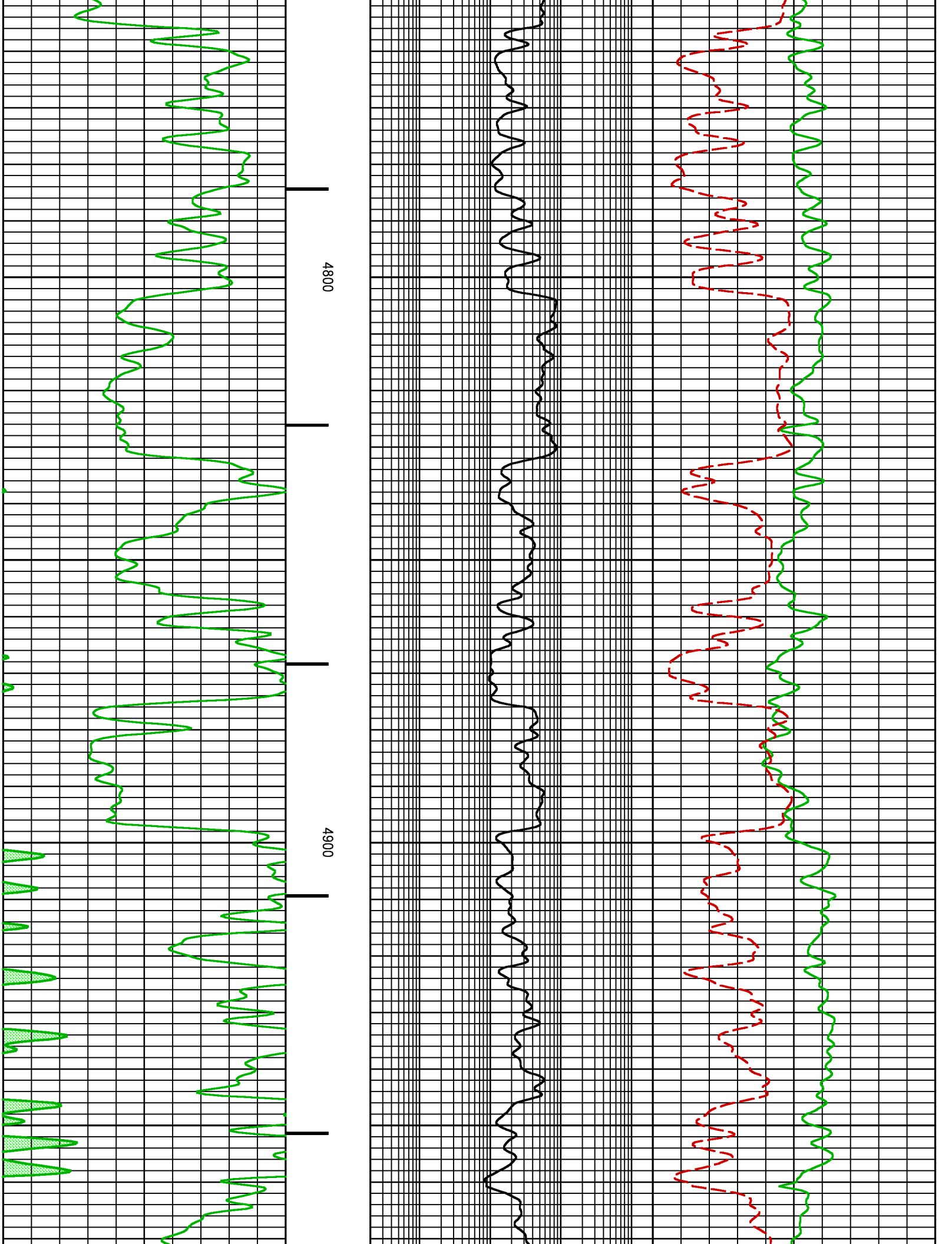
Data File 1 : F1 : BHI1F65XZ1:D:\Ape_Projects\LARAMIE_BCU_0993_21_06W_NEO\Merged_Set_Final.xtf
Created On : Nov 20 10:06:34 2018
Company : LARAMIE ENERGY LLC
Well : BCU-0993-21-06W
Field : BUZZARD CREEK
File Interval : 2248 - 7521 Feet
OCT : NA

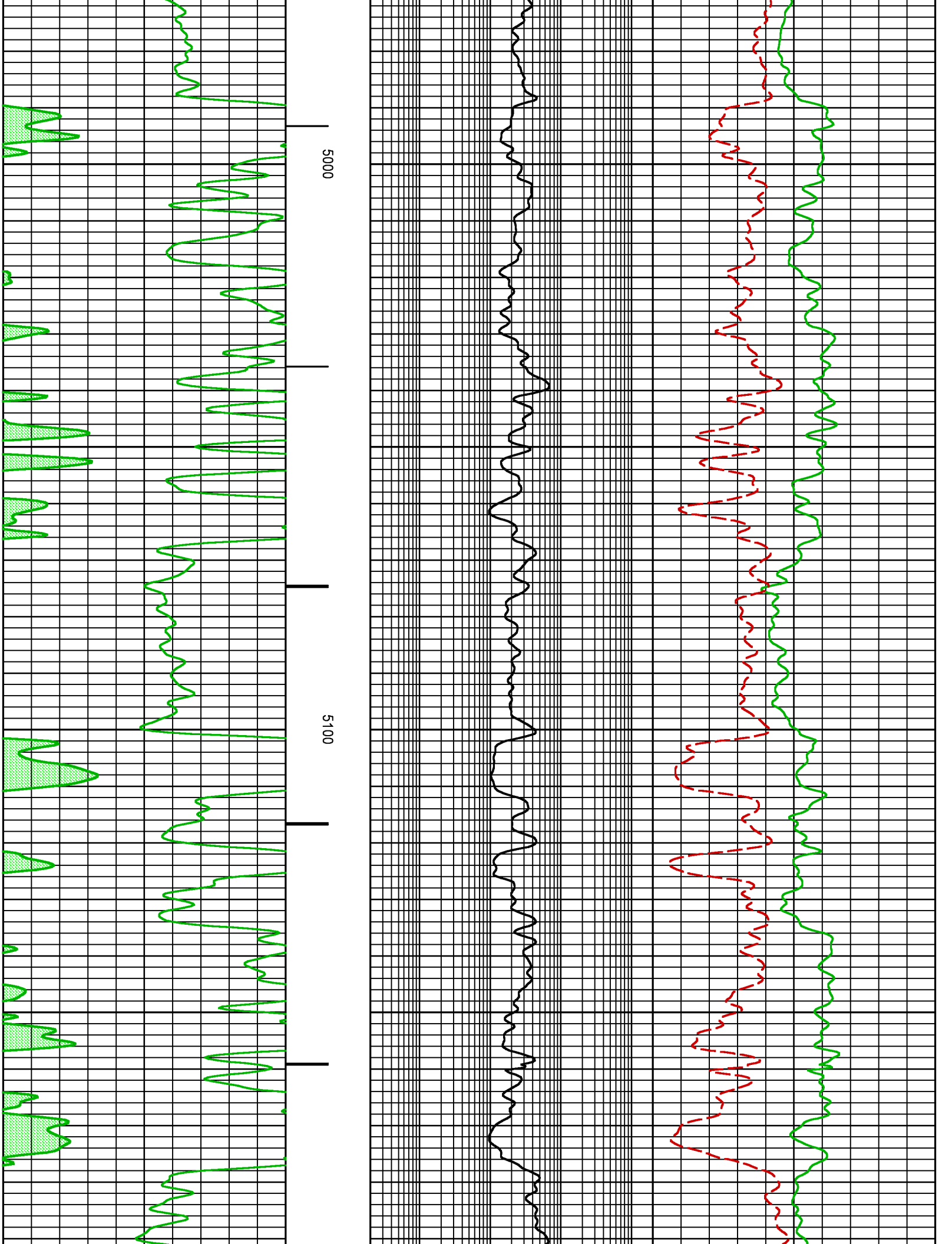


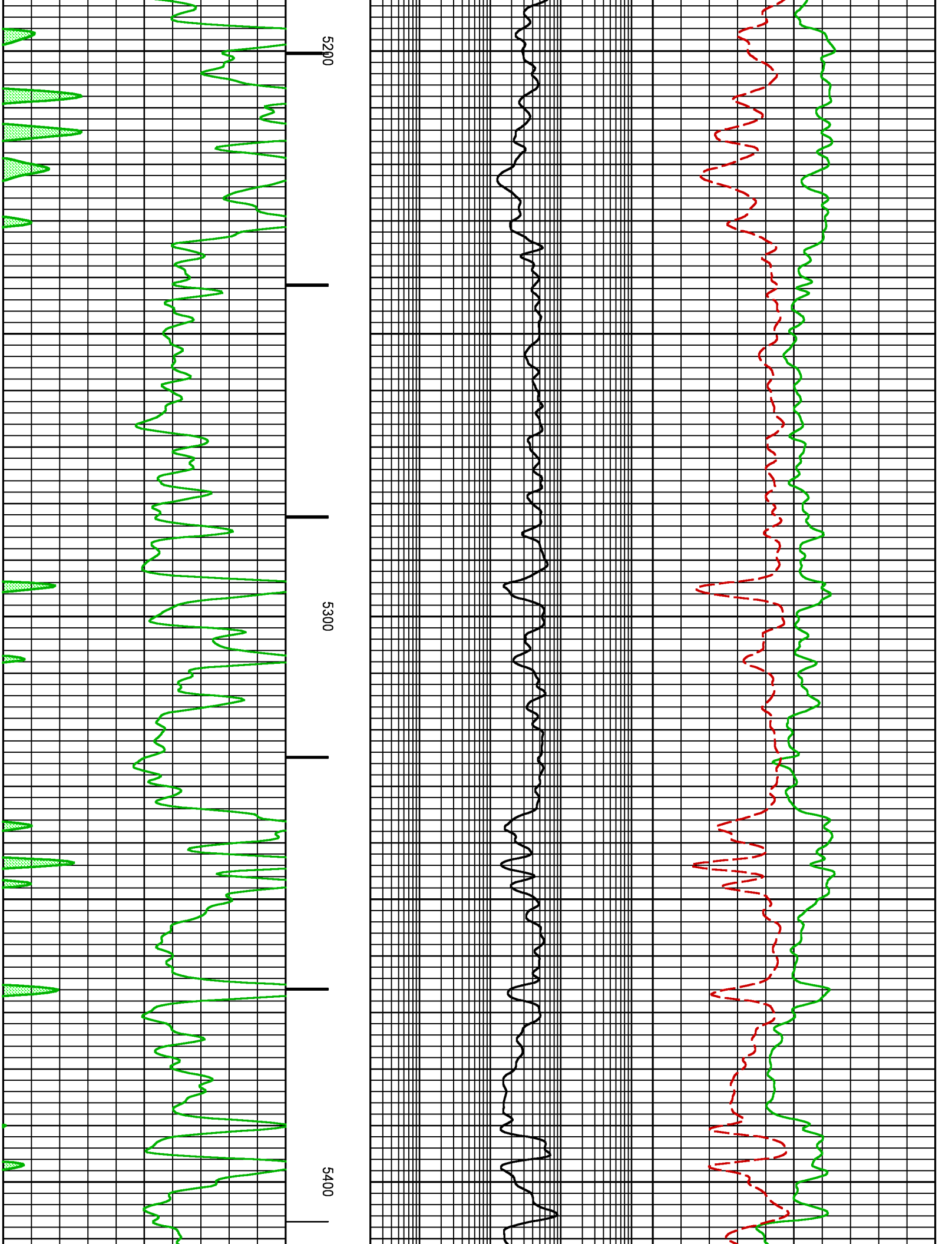


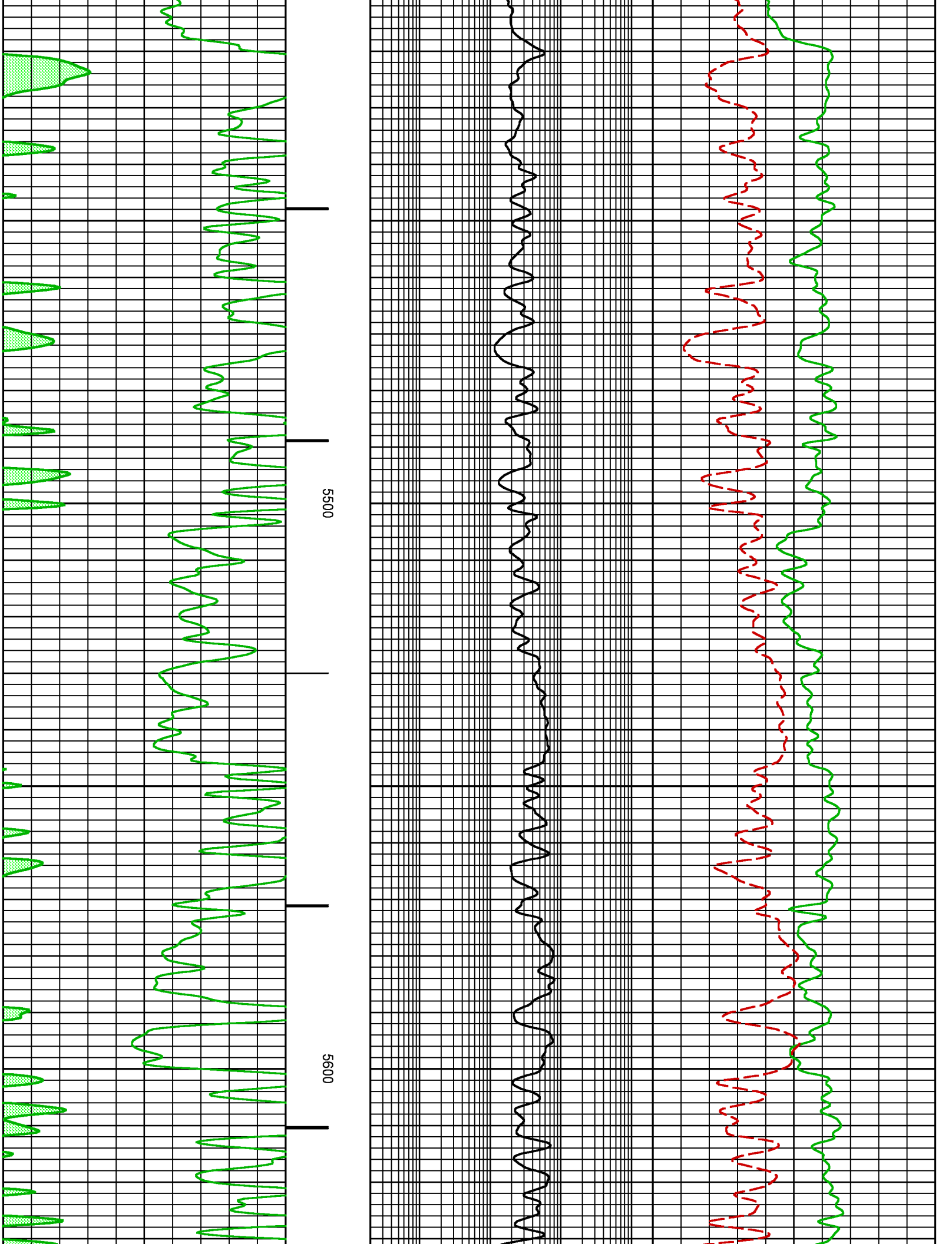


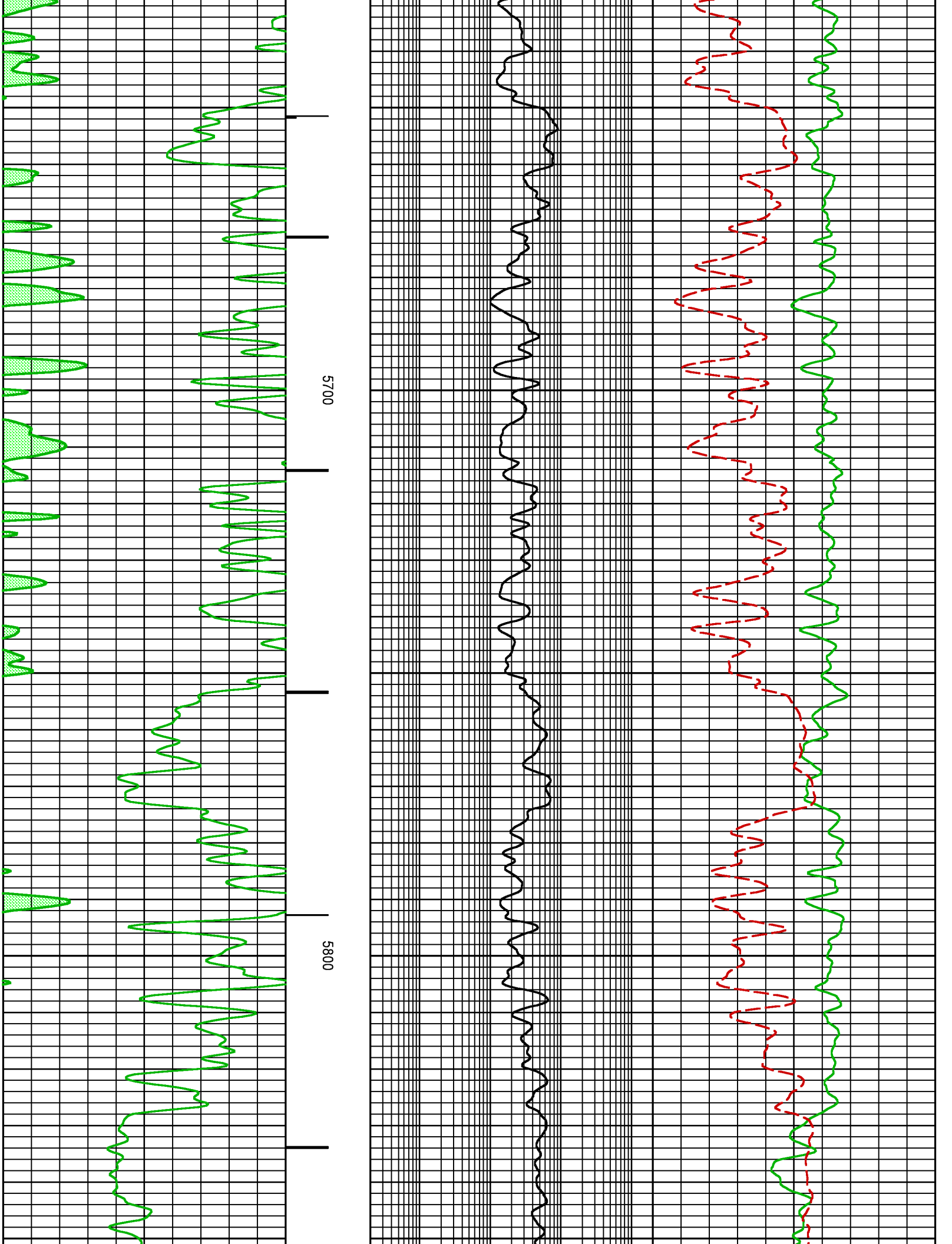


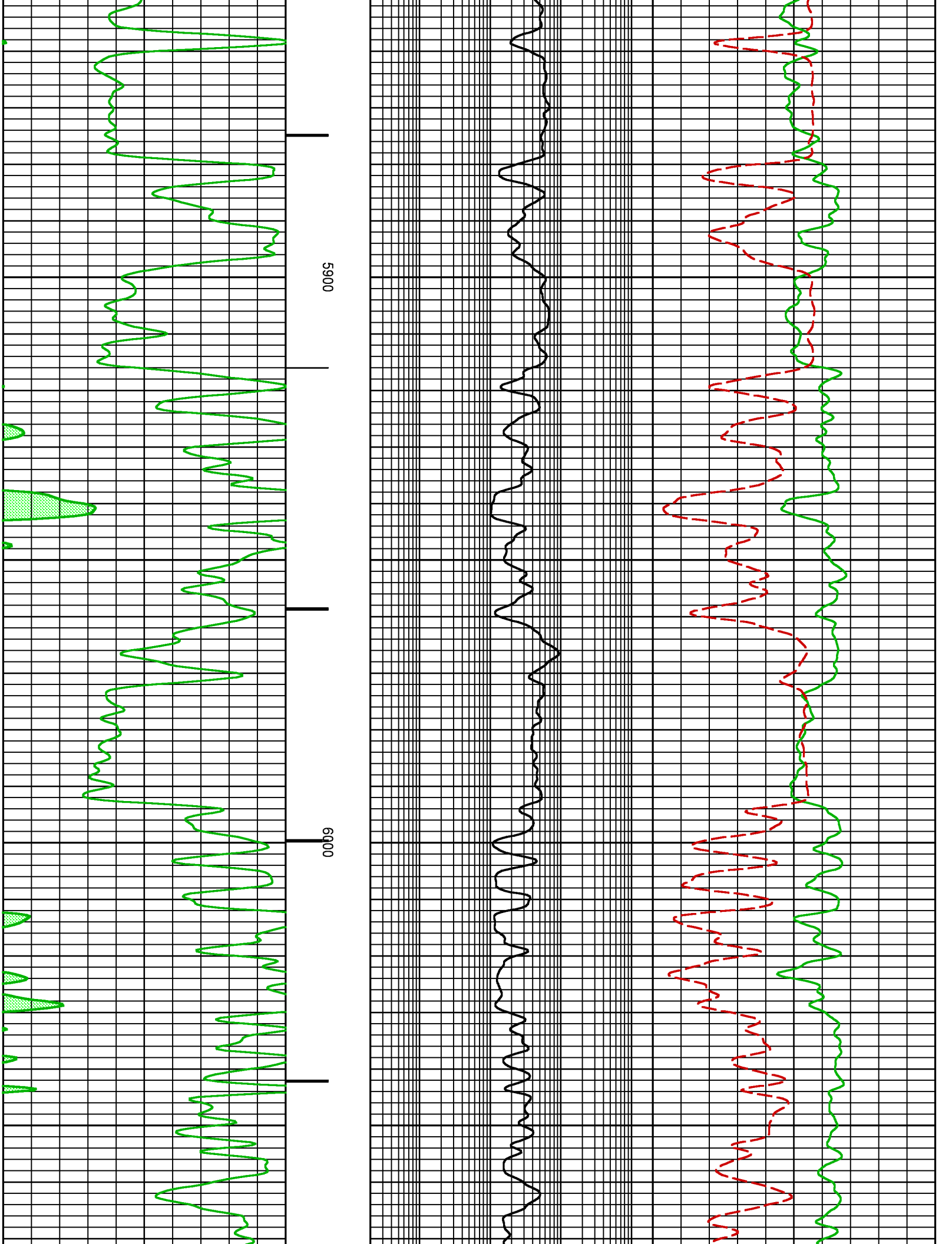


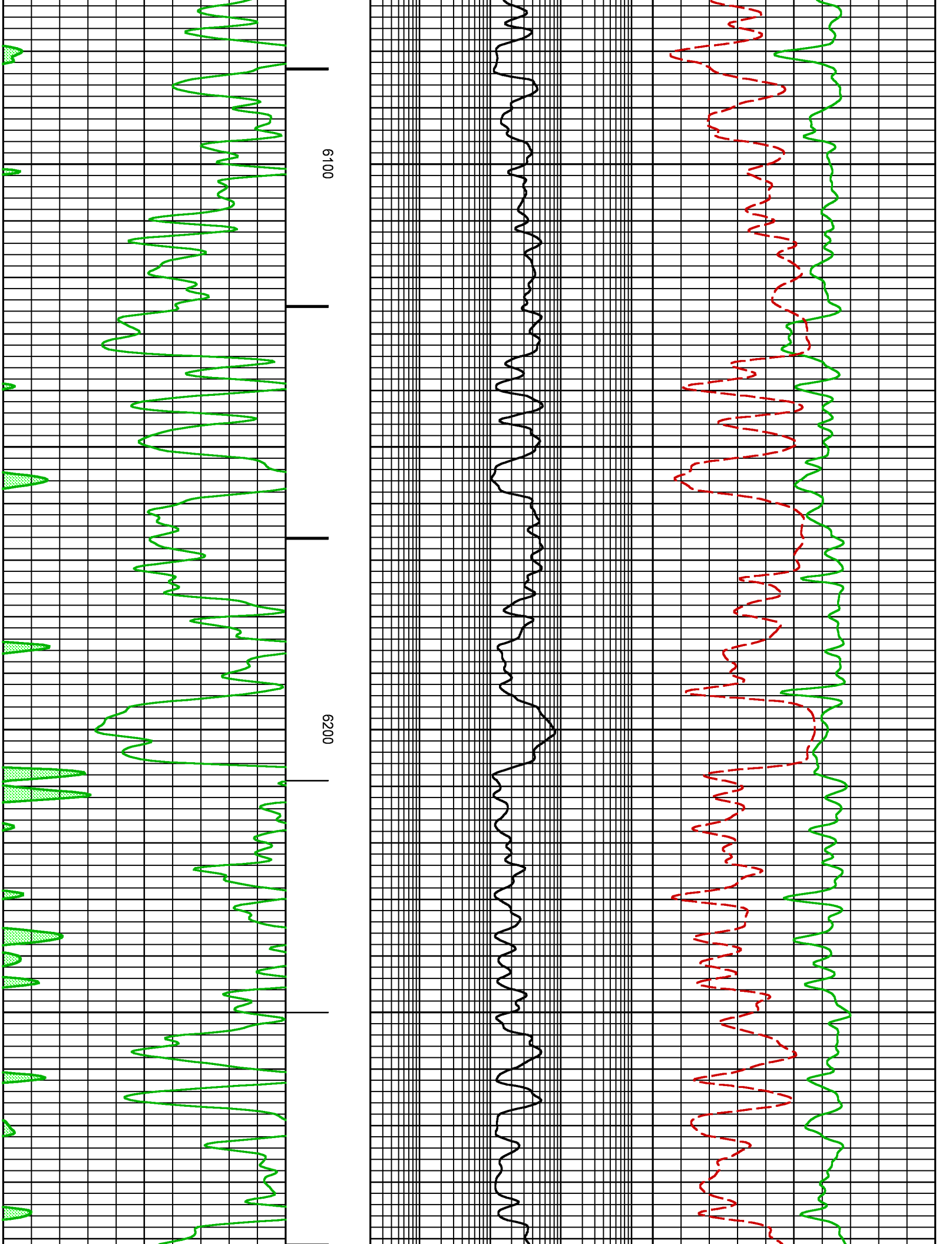


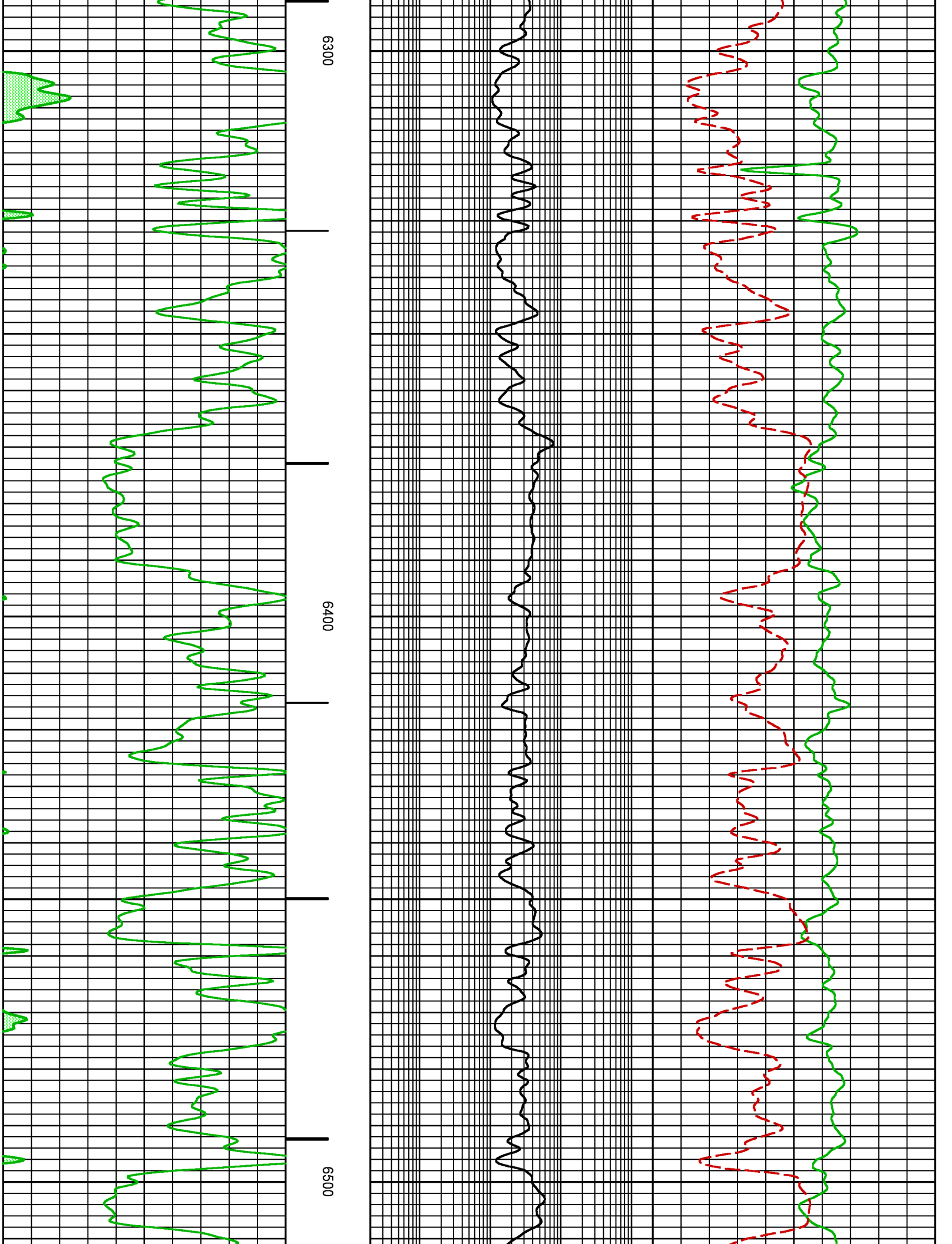


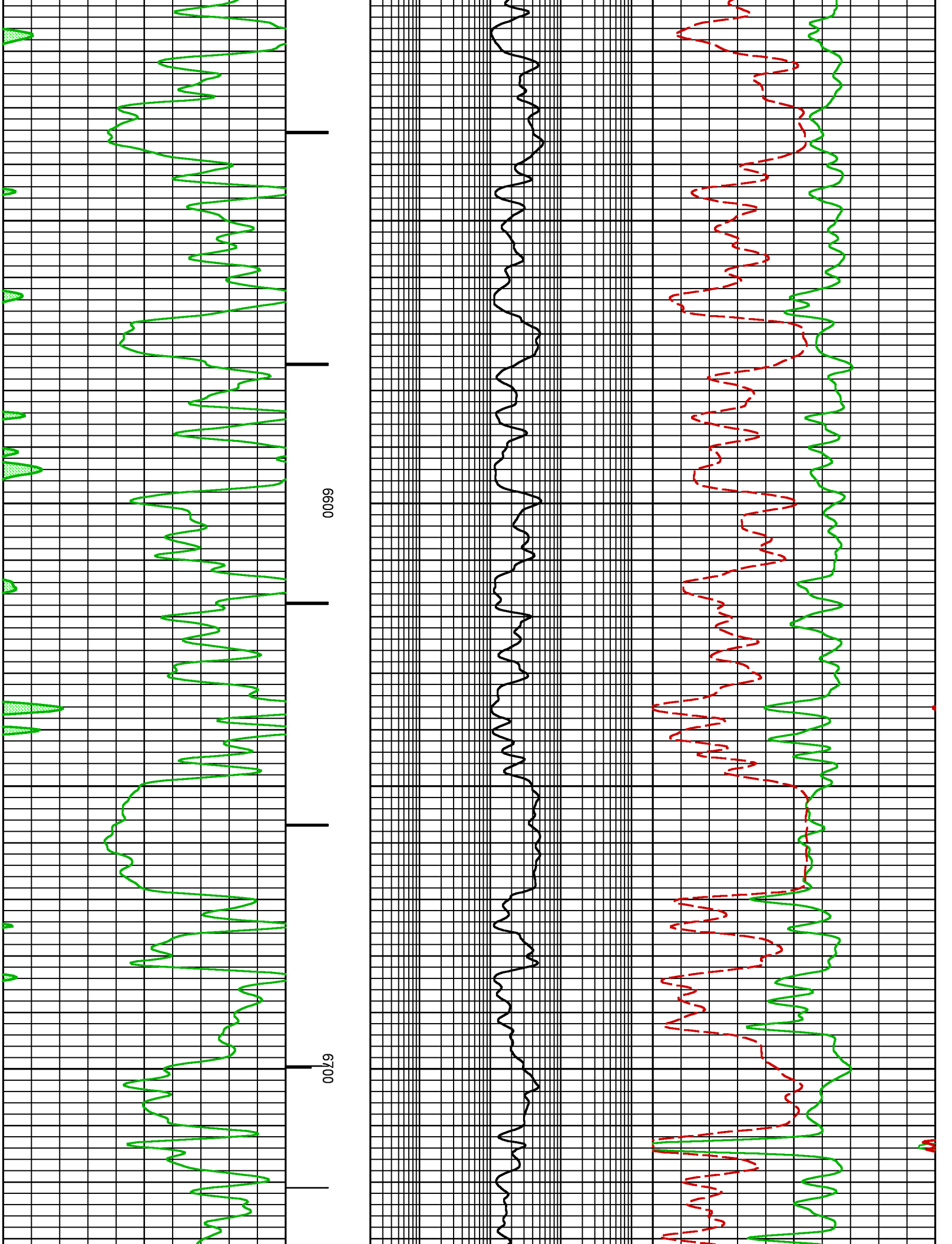


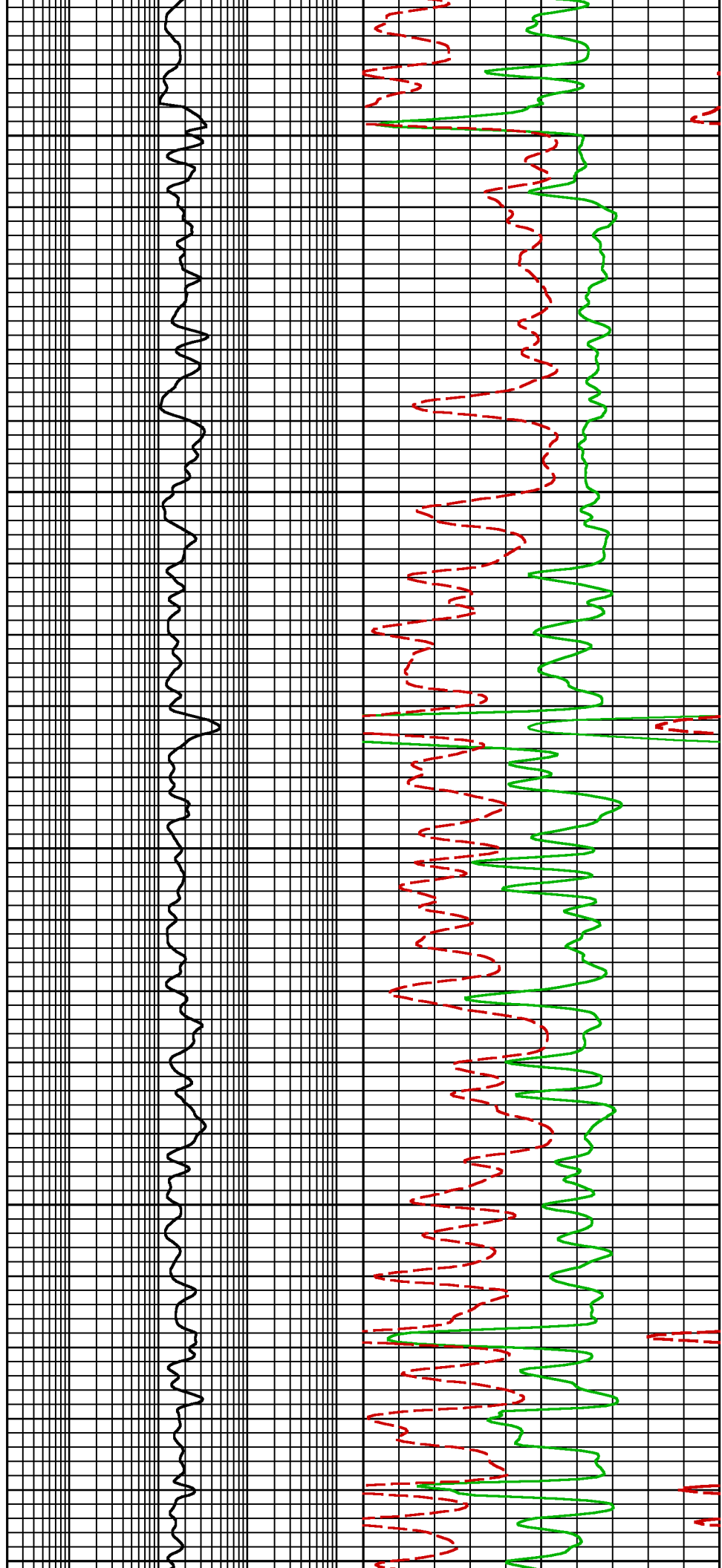
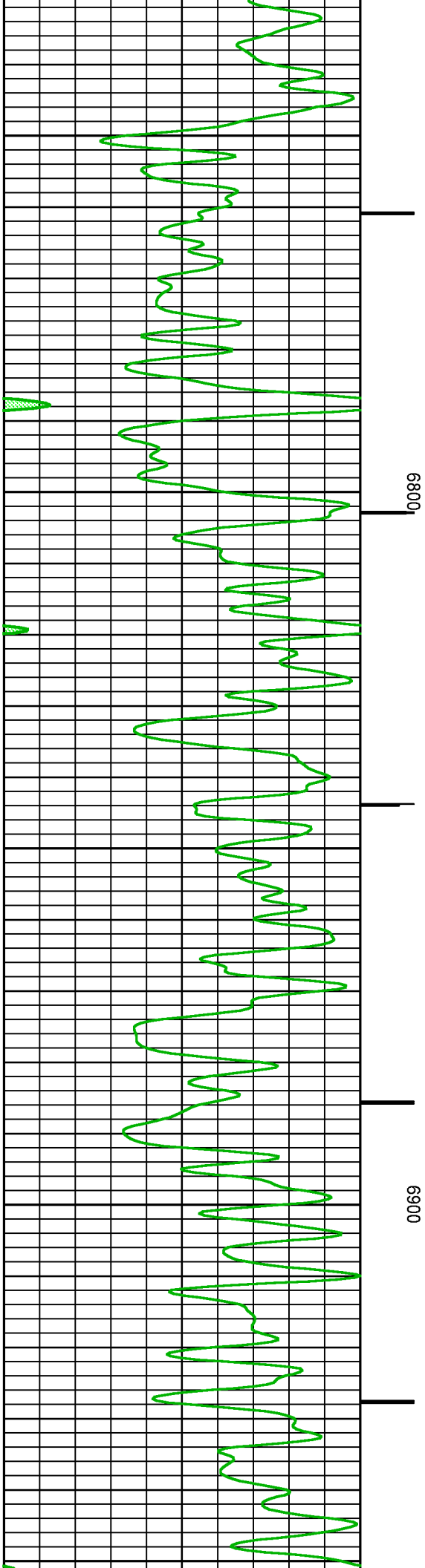


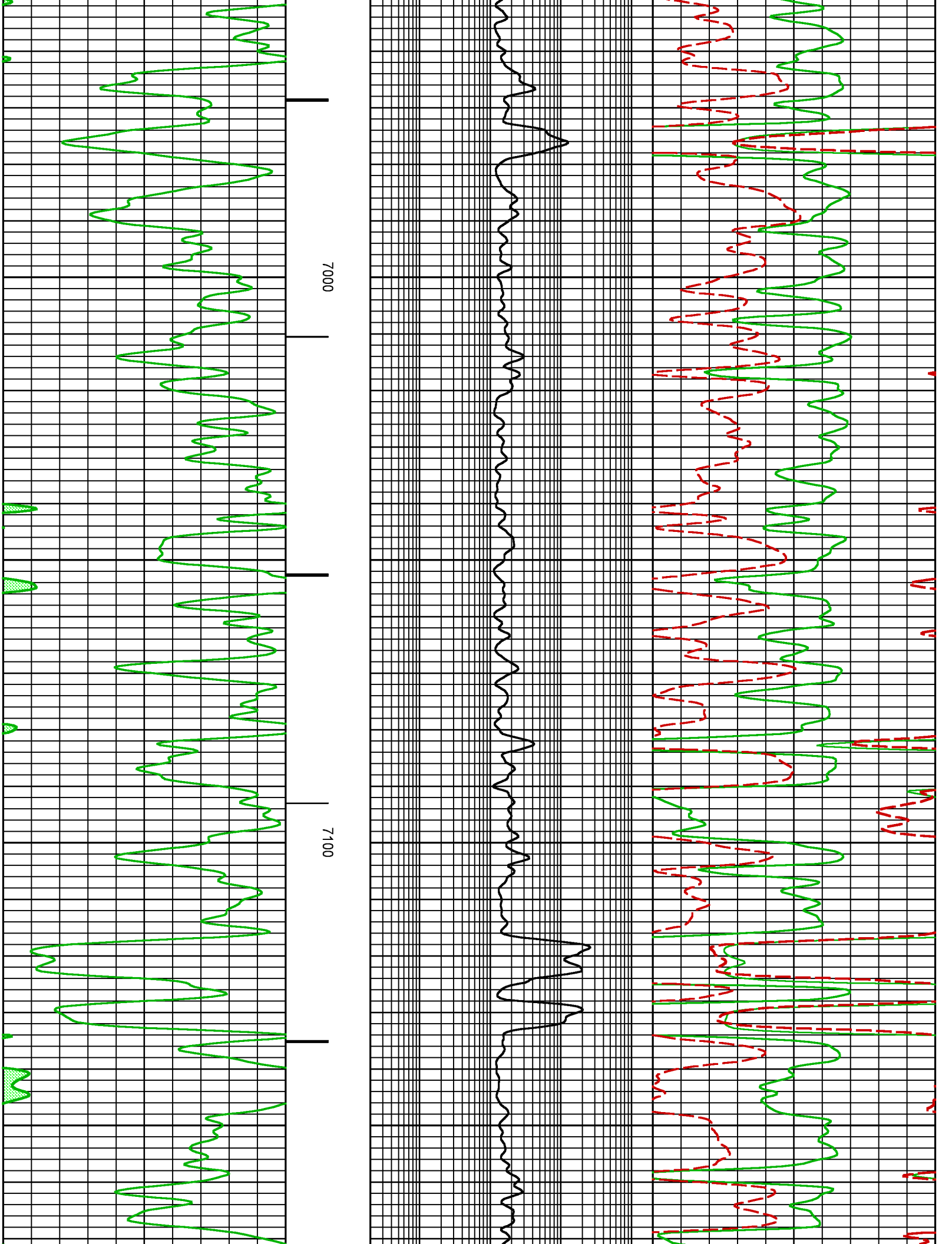


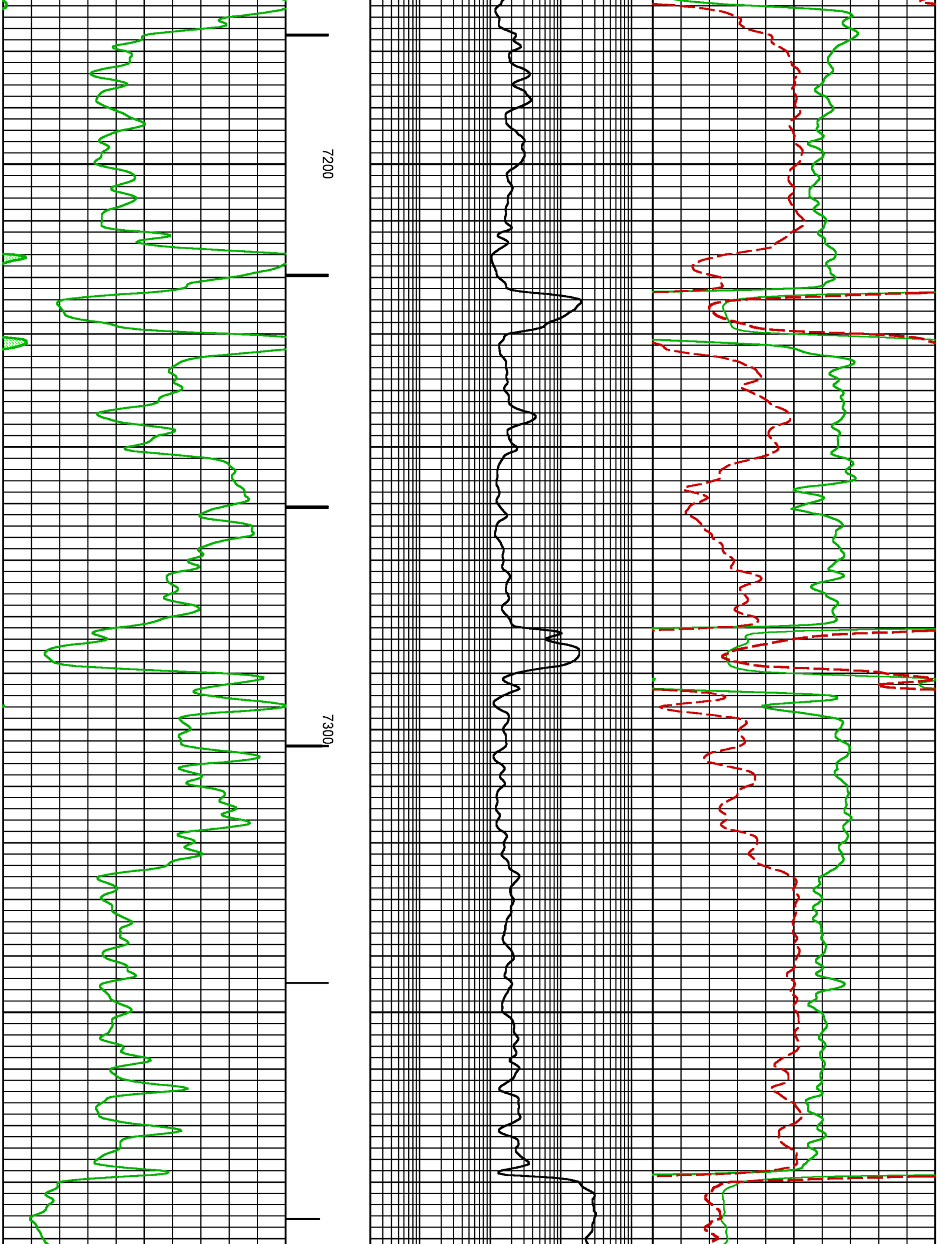


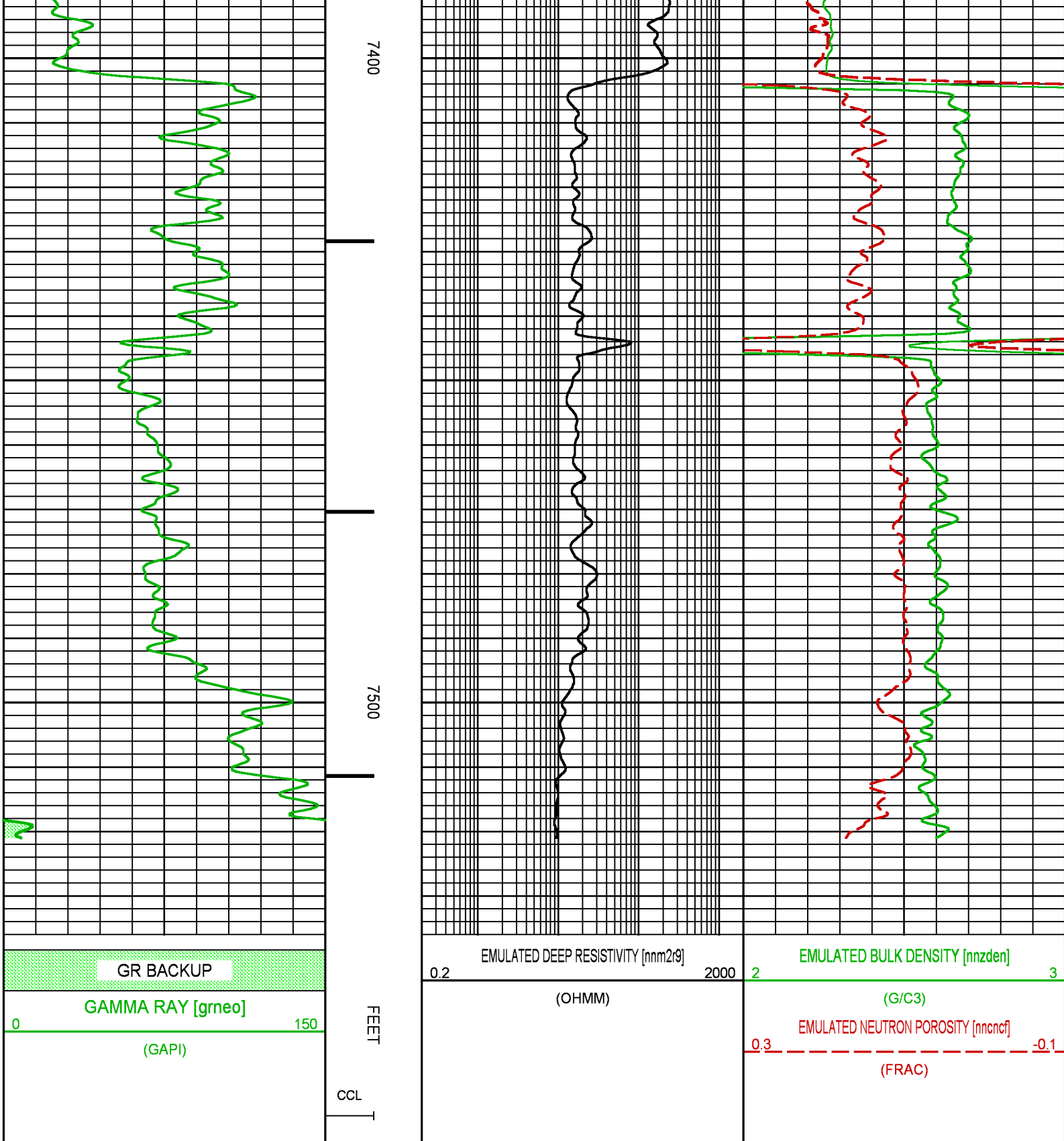












BAKER HUGHES
a GE company



COMPANY
WELL
FIELD
COUNTY

LARAMIE ENERGY II LLC
BCU-0993-21-06W
BUZZARD CREEK
MESA

STATE **COLORADO**

FILE NO:

API NO:

05077105240000

LOCATION:

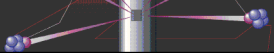
SEE REMARKS SECTION

ELEVATIONS:

KB 7287 FT

DF

CL 7257 FT



SEC 21 TWP 9S RGE 93W

GE 723711
DATE 15-NOV-18