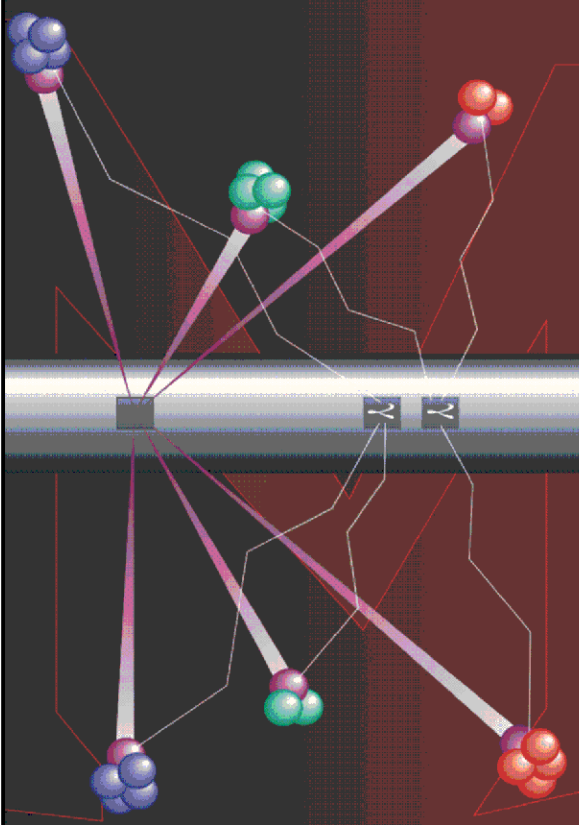


Pulsed Neutron Formation Evaluation



NEO Neutron Emulated Openhole

COMPANY

LARAMIE ENERGY II LLC

WELL

NICHOLS 0994-13-18W

FIELD

VEGA

COUNTY

MESA

STATE

COLORADO

LOCATION:

SEE REMARKS SECTION

ELEVATIONS:

KB

7161 FT

DF

GL

7137 FT

DATE

21-Mar-2018

ECC

US133019J

SEC

24

TWP

9S

RGE

94W

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: RPM-C						PROGRAM: NEO		
	CENTER: CALGARY GEOSCIENCE			LOG ANALYST: A. KOTOV			DATE: 23-Mar-2018		
FIELD DATA	LOCATION: GRAND JUNCTION			ENGINEER: R. ZUNIGA/US133019J			DATE: 21-Mar-2018		
FROM	TO								
2588 FT	8164 FT								

REMARKS

LOCATION:

SHL 1765 FNL 2781 FEL

BHL 971 FNL 1616 FEL

TRAINING WELL: NICHOLS 0994-24-06W

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 NICHOLS 0994-13-18W (G-SAND)

ECLIPS ECPLLOT from ECLIPS 7.0 WFM 5.0.7343.1 Sun 02/07/2016 16:48:51.73

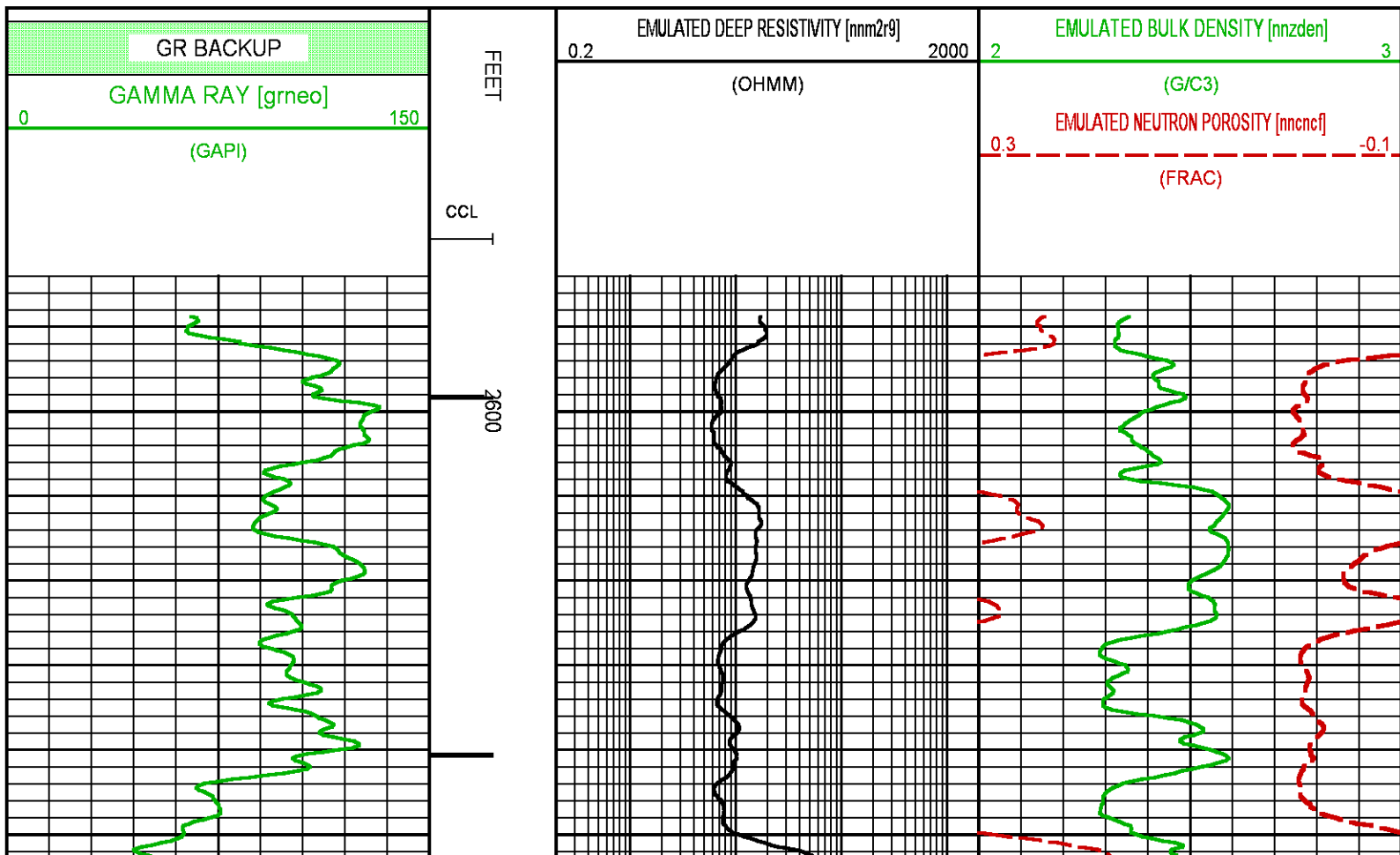
Plotted: Fri Mar 23 10:57:12 2018

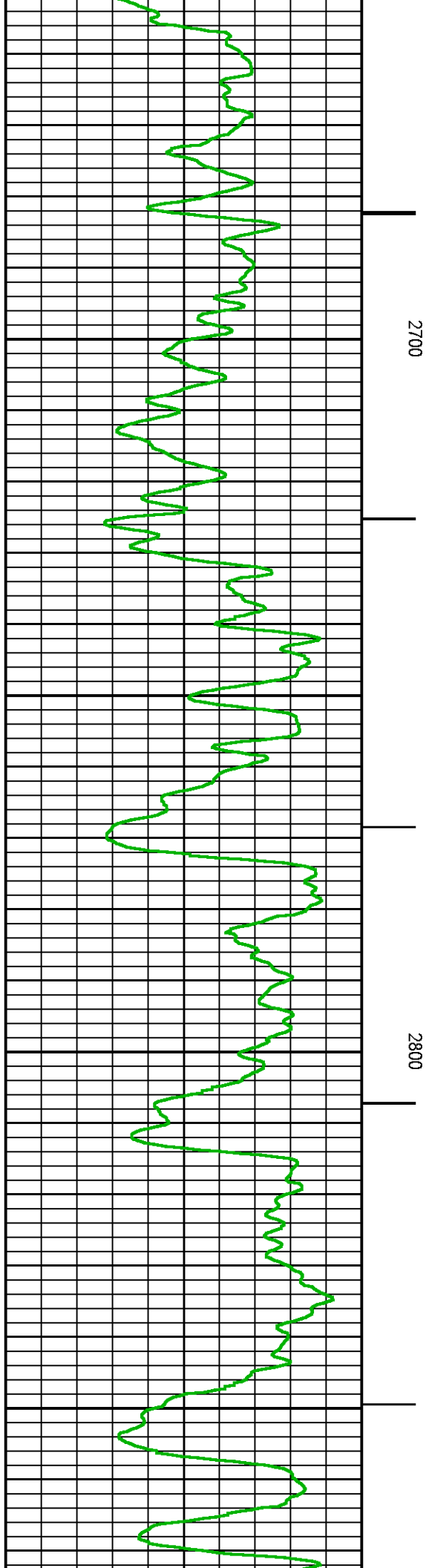
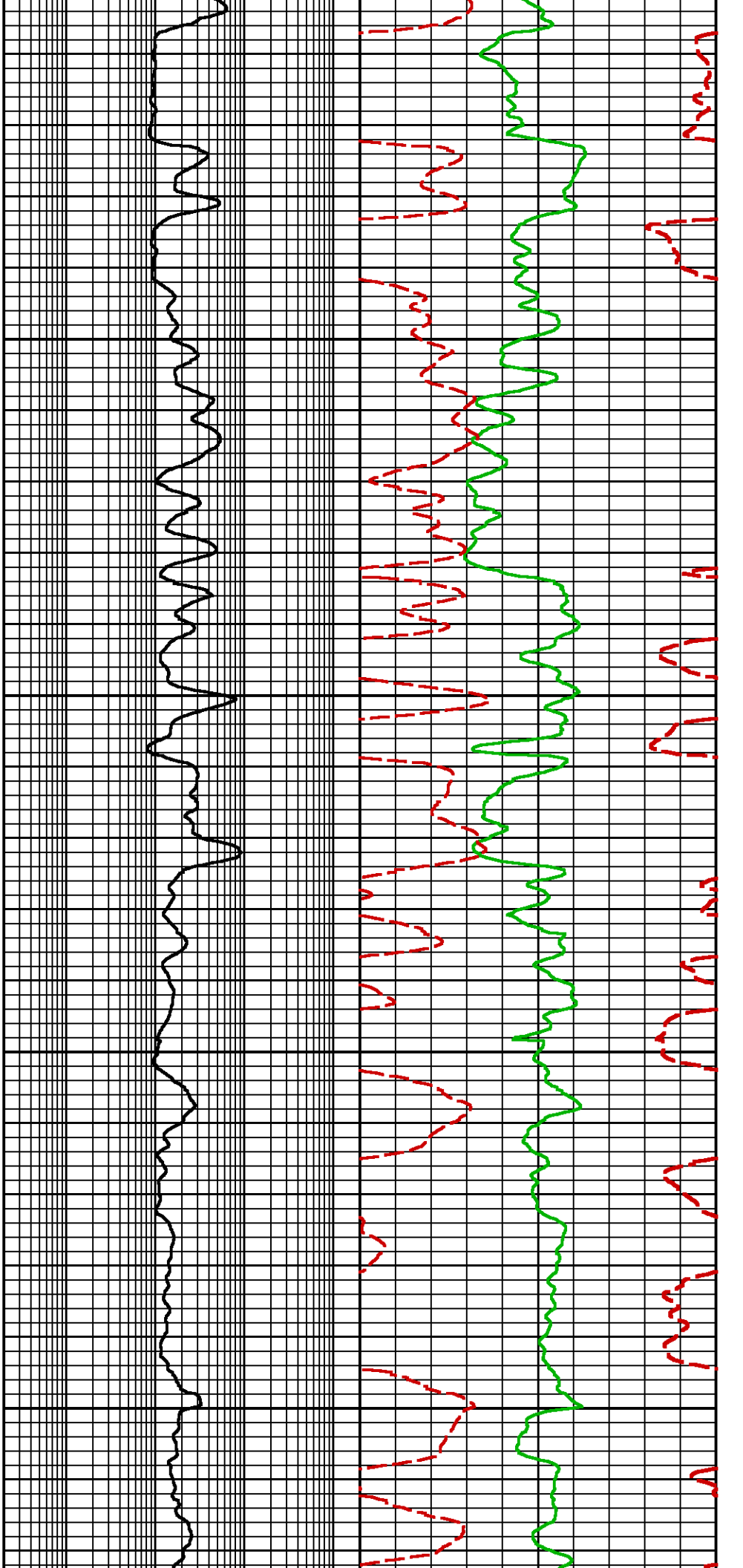
CURVE MEASURE POINT OFFSET

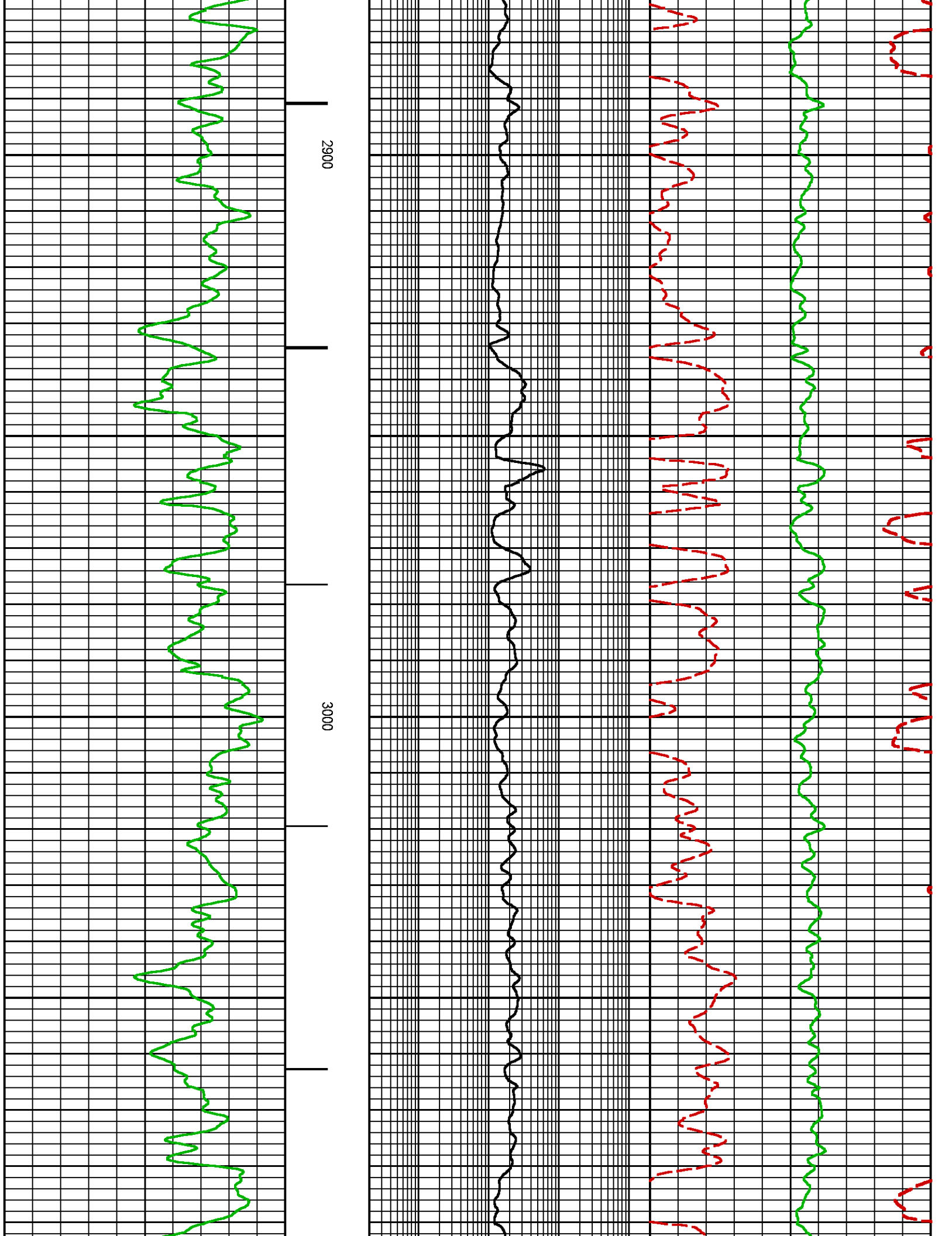
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNCf	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

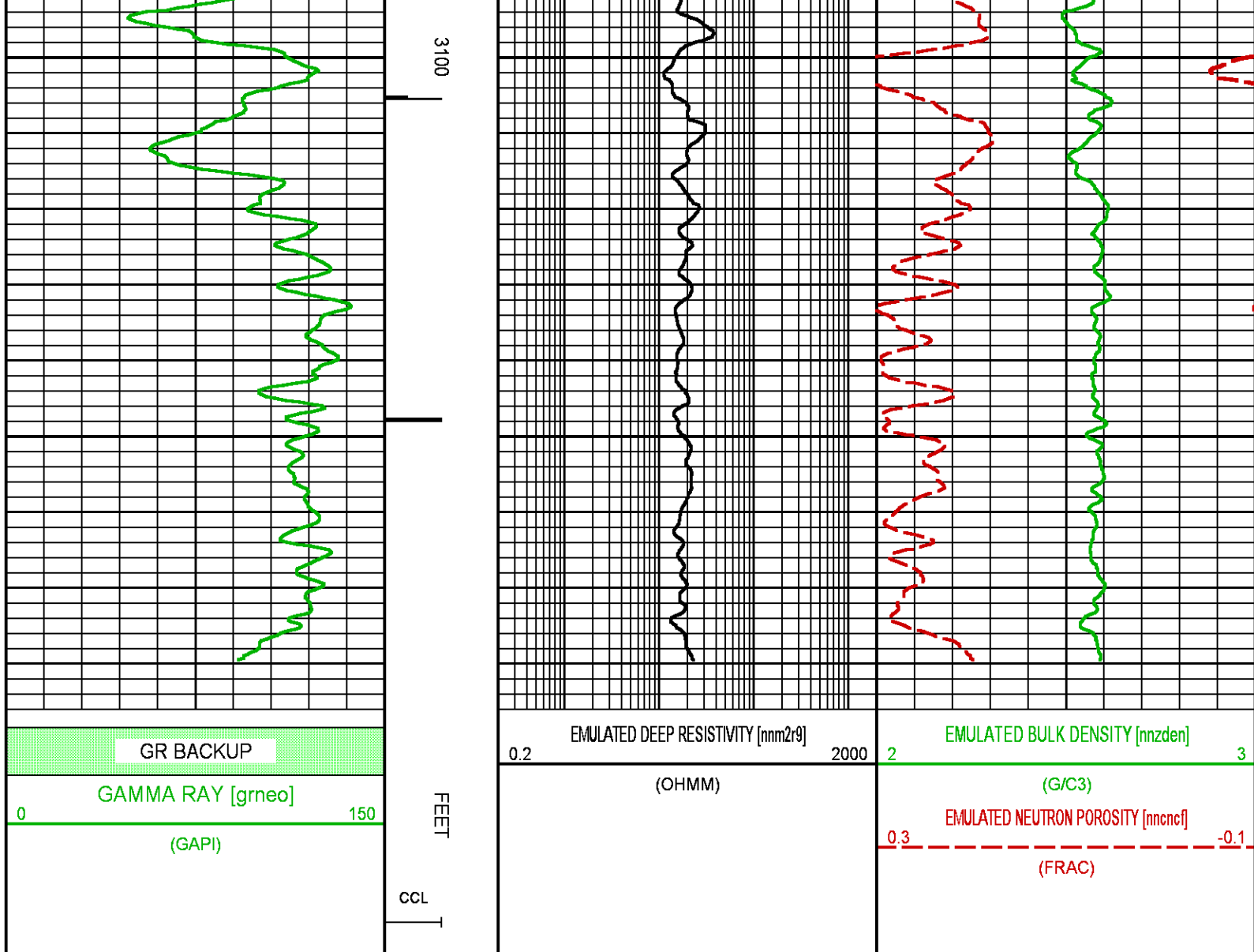
Project : NA
User : kotoale
Presentation : BHI1F65XZ1:d:\Ape_Projects\Laramie_NICHOLS_0994_13_18W_NEO\
 NEO_PRESENTATION_LARAMIE_G-Sand.pdf [5"/100' Scale]
Plot Interval : 2585 - 3185 Feet

Data File 1 : F1 : BHI1F65XZ1:D:\Ape_Projects\Laramie_NICHOLS_0994_13_18W_NEO\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY II LLC
Well : NICHOLS 0994-13-18W
Field : VEGA
File Interval : 2588.75 - 8164.75 Feet
OCT : NA









NEO RESULTS FOR NICHOLS 0994-13-18W (MAIN)

ECLIPS ECPLLOT from ECLIPS 7.0 WFM 5.0.7343.1 Sun 02/07/2016 16:48:51.73

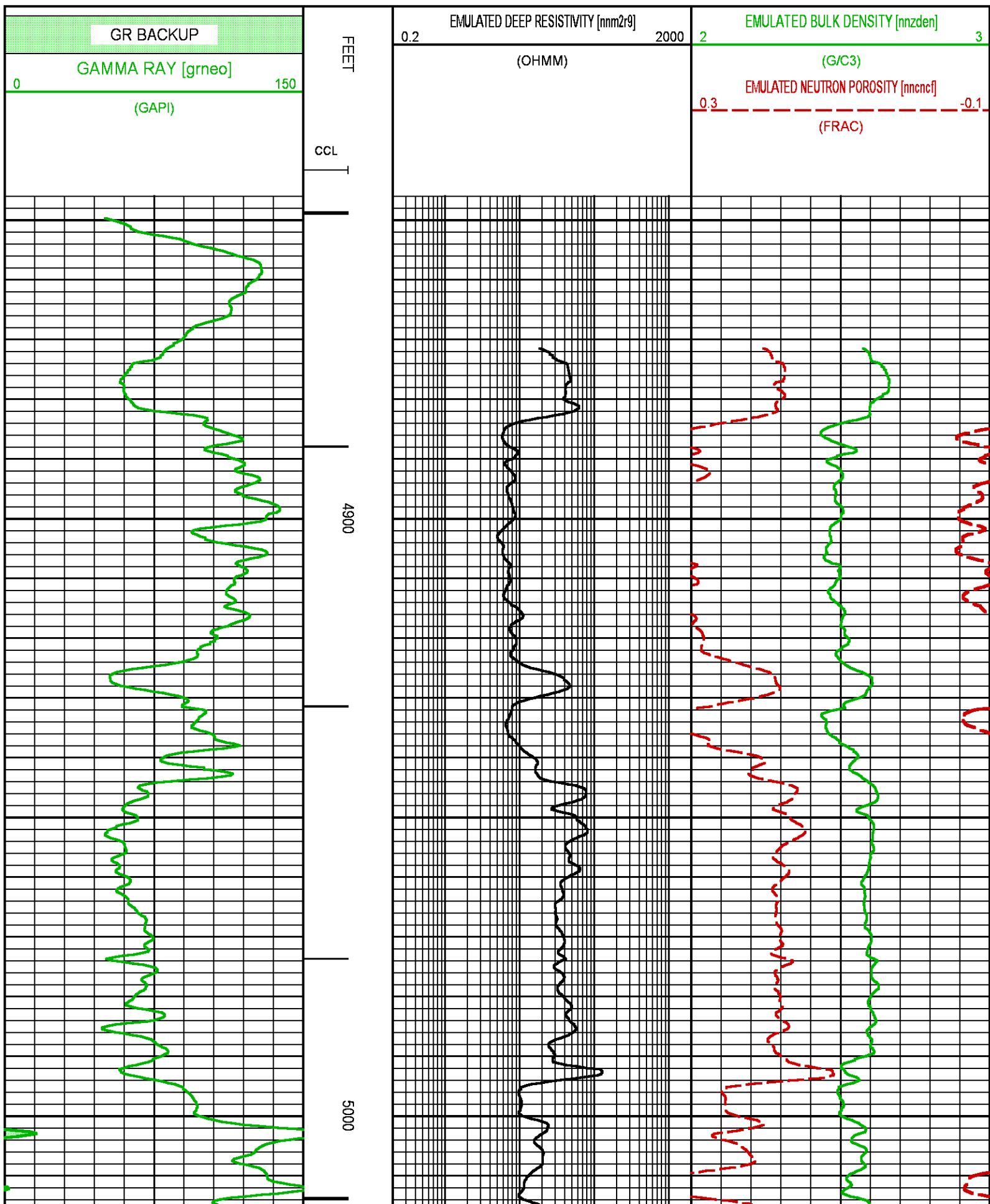
Plotted: Fri Mar 23 10:57:21 2018

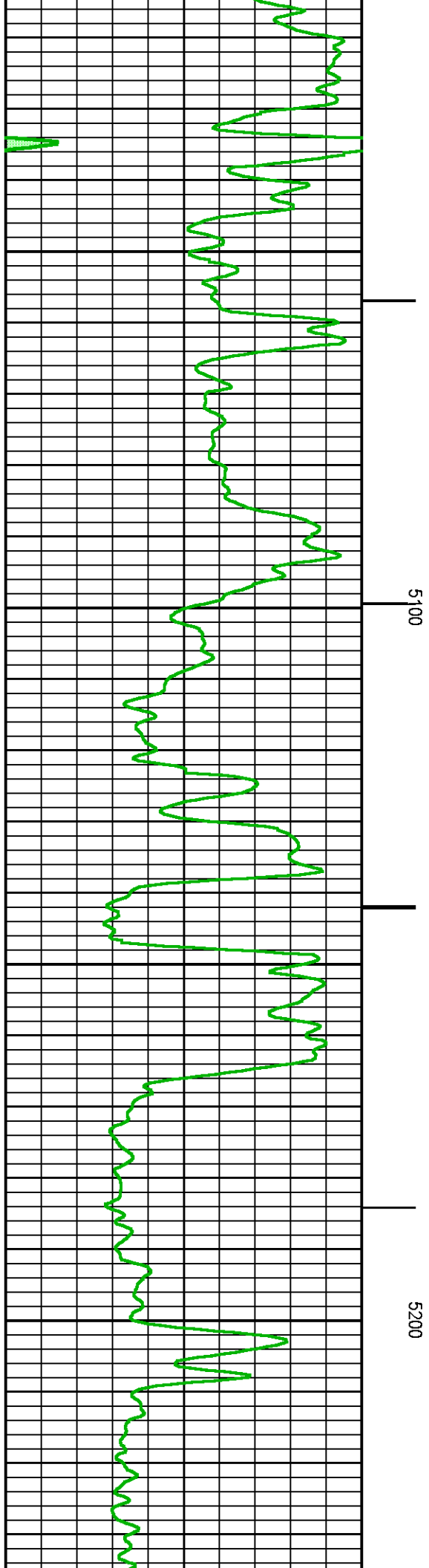
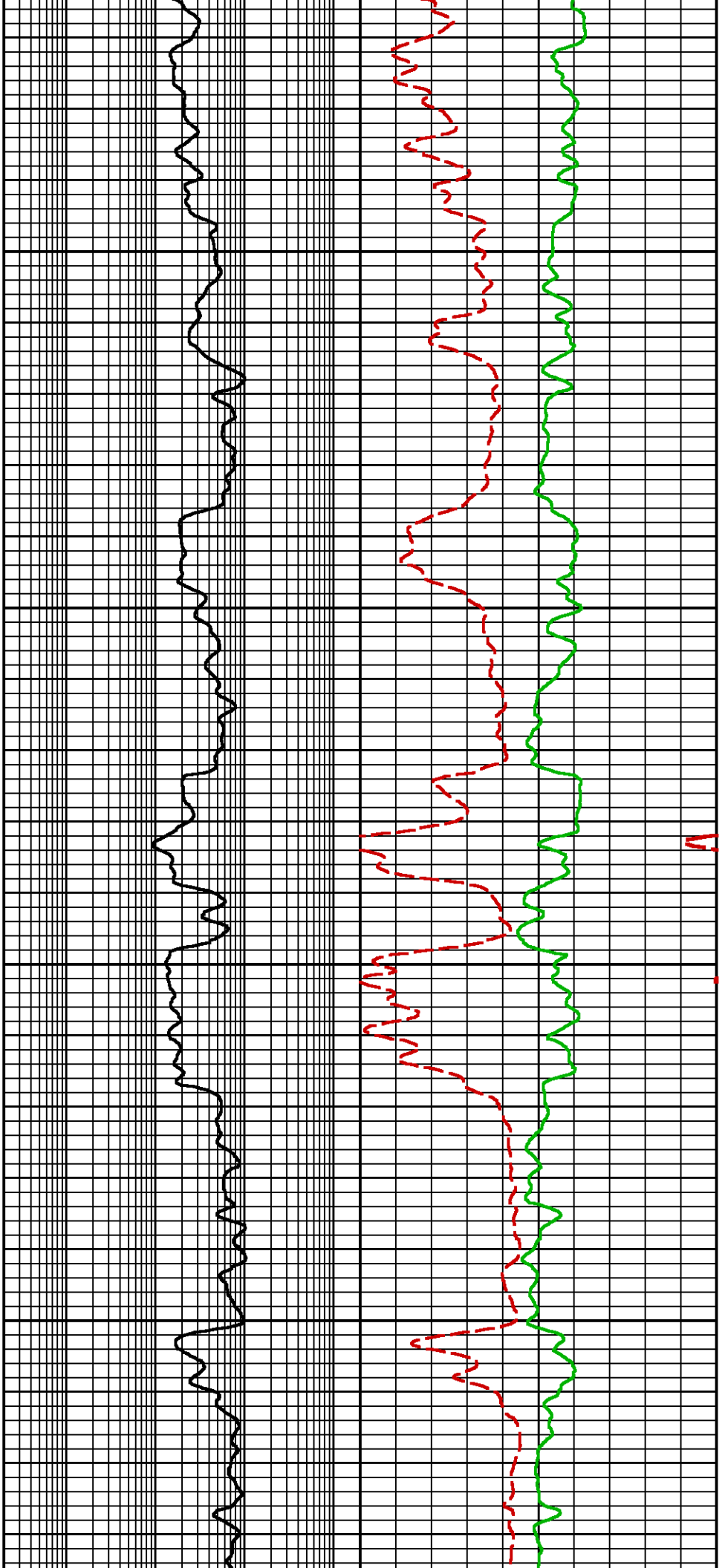
CURVE MEASURE POINT OFFSET

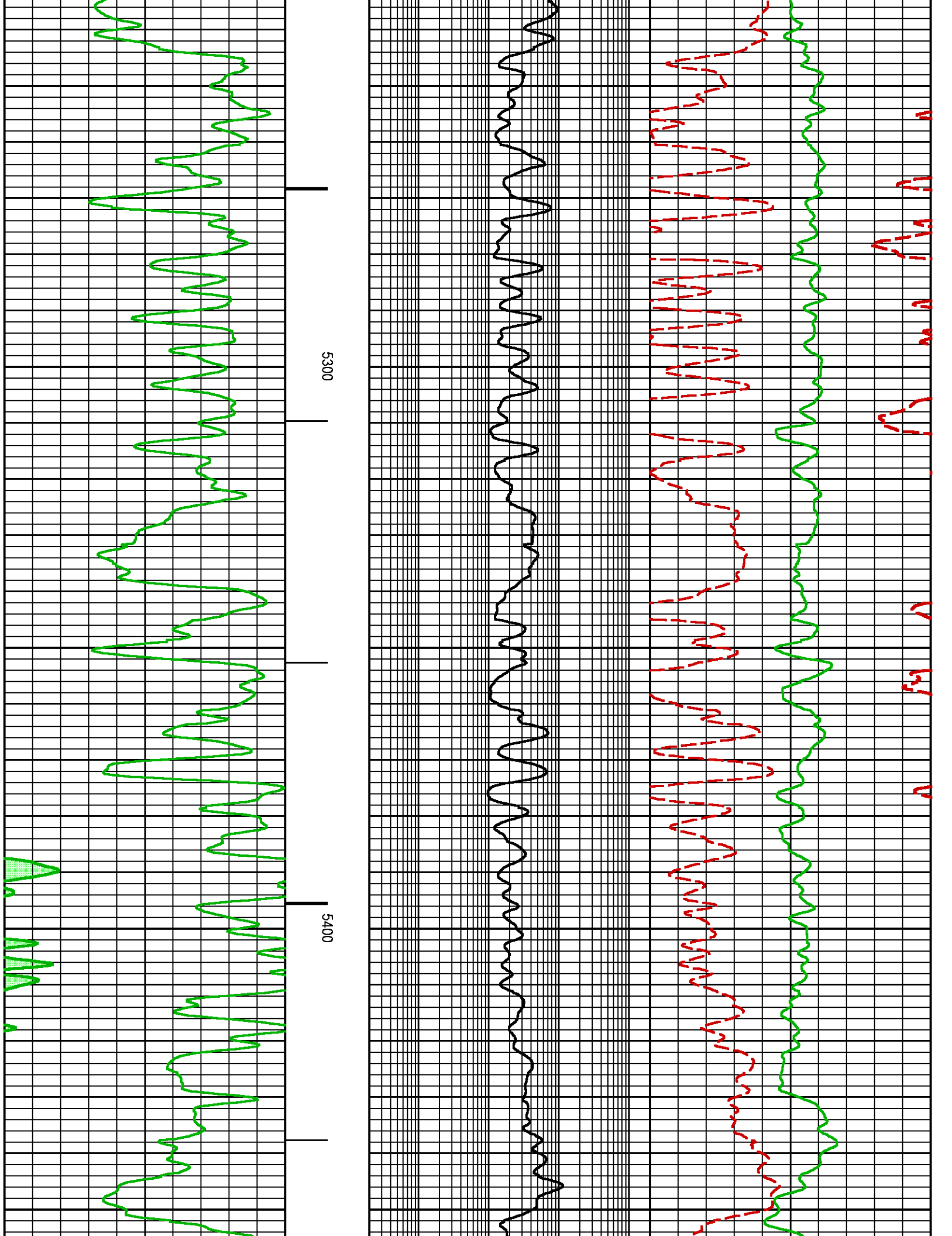
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNCF	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

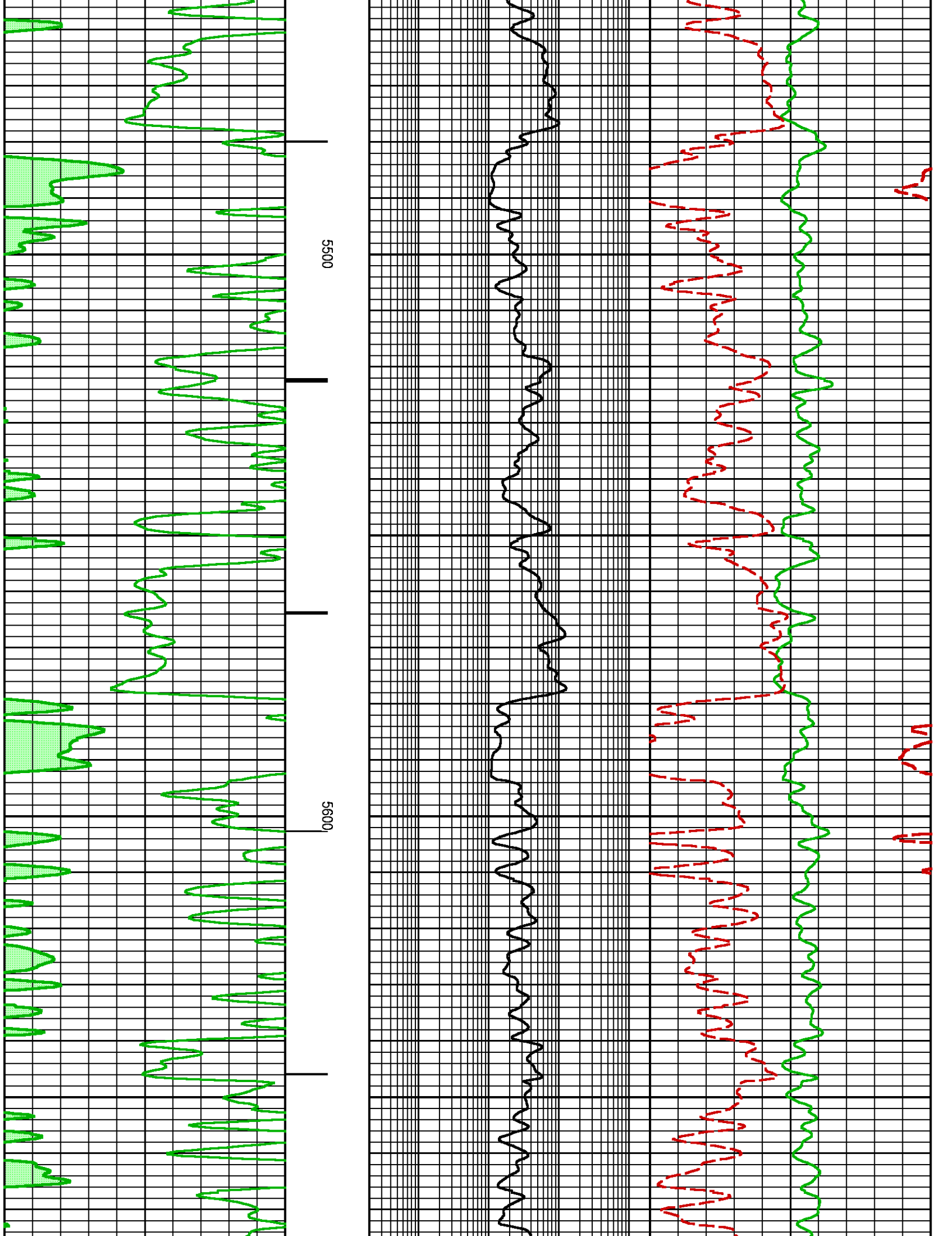
Project : NA
User : kotoale
Presentation : BHI1F65XZ1:d:\Ape_Projects\Laramie_NICHOLS_0994_13_18W_NEO\NEO_PRESENTATION_LARAMIE_MAIN.pdf [5"=100' Scale]
Plot Interval : 4847 - 8200 Feet
Data File 1 : F1 : BHI1F65XZ1:D:\Ape_Projects\Laramie_NICHOLS_0994_13_18W_NEO\Merged_Set_Final.txt

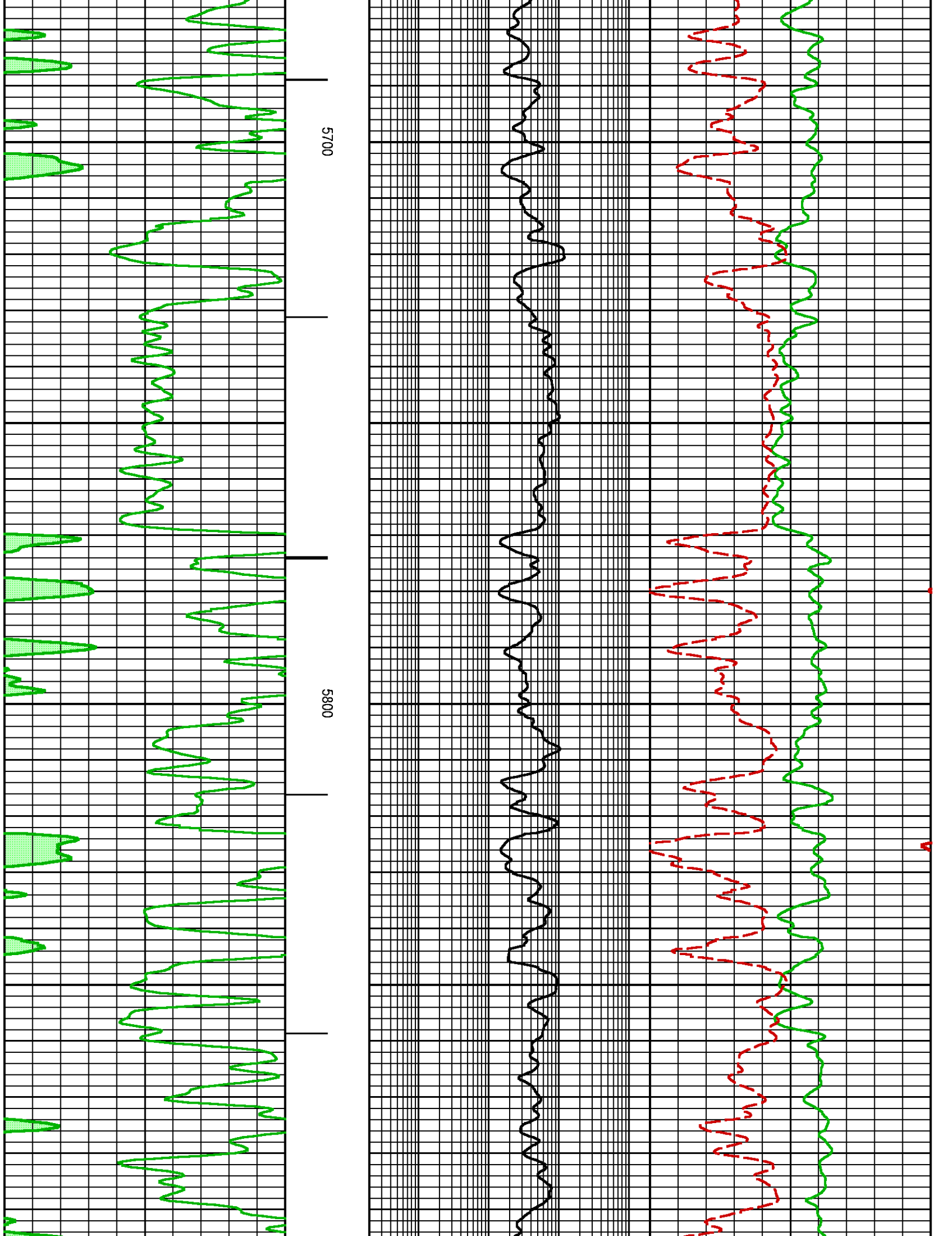
Created On : N/A
Company : LARAMIE ENERGY II LLC
Well : NICHOLS 0994-13-18W
Field : VEGA
File Interval : 2588.75 - 8164.75 Feet
OCT : NA

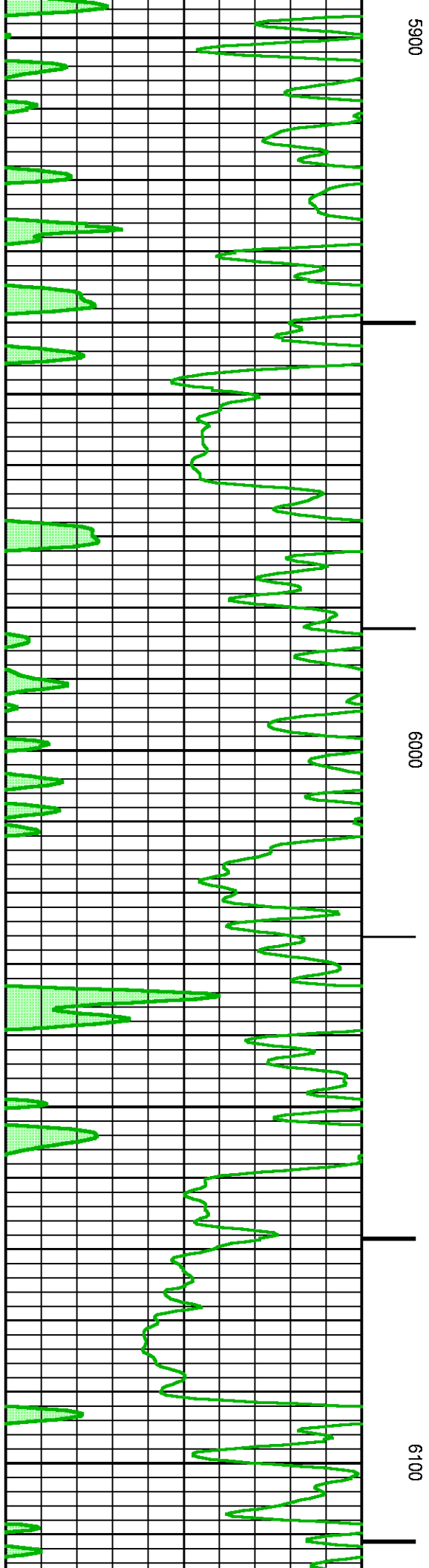
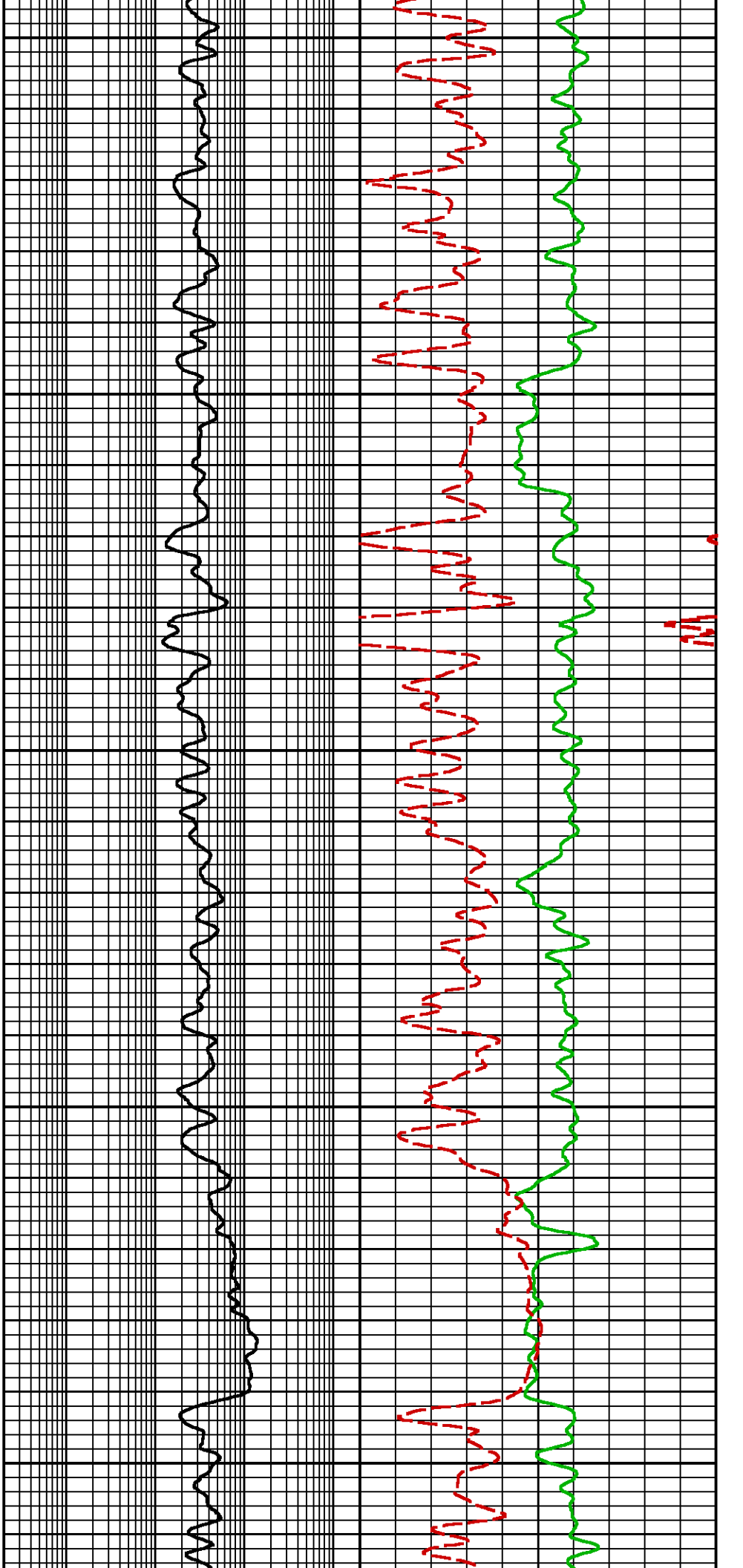


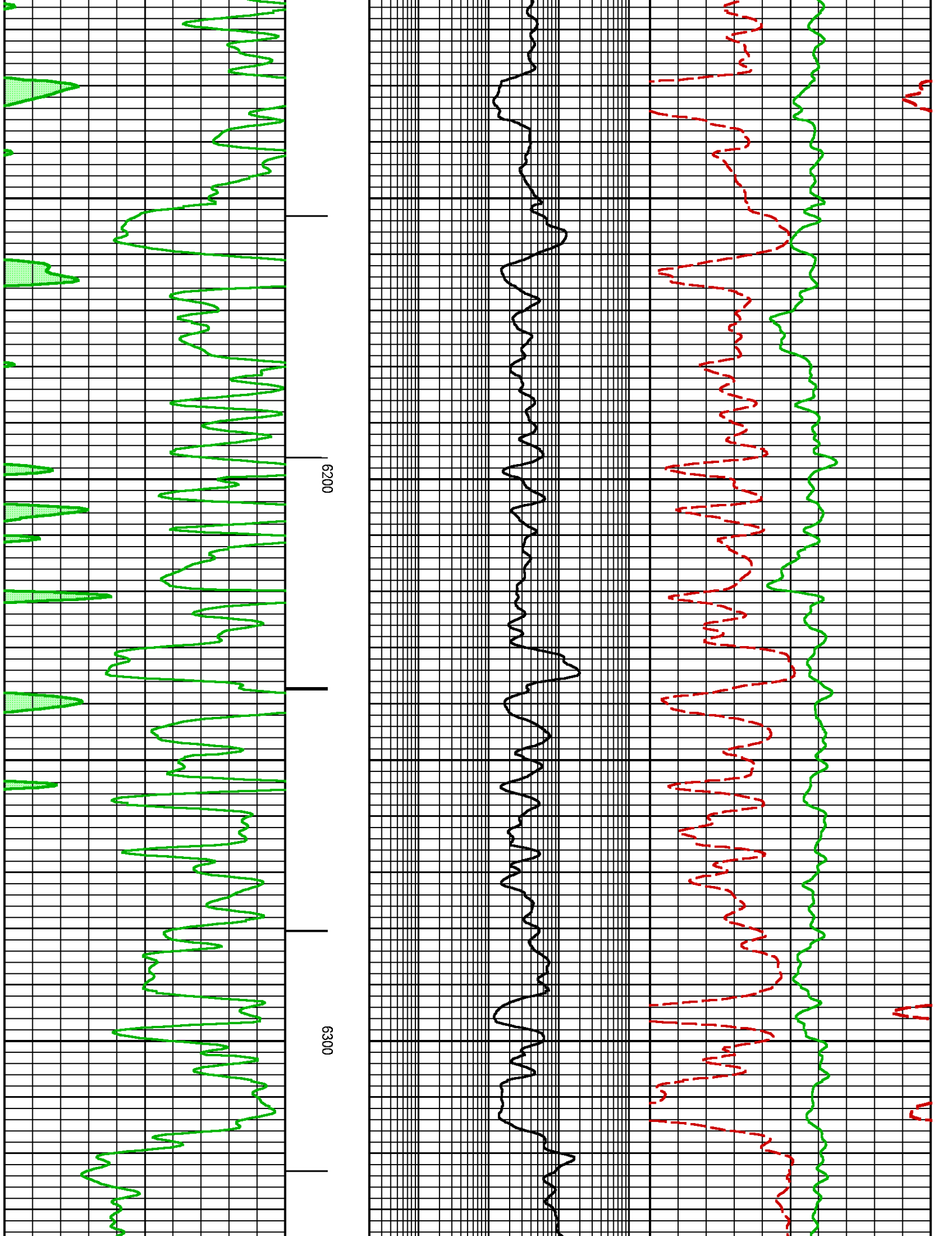


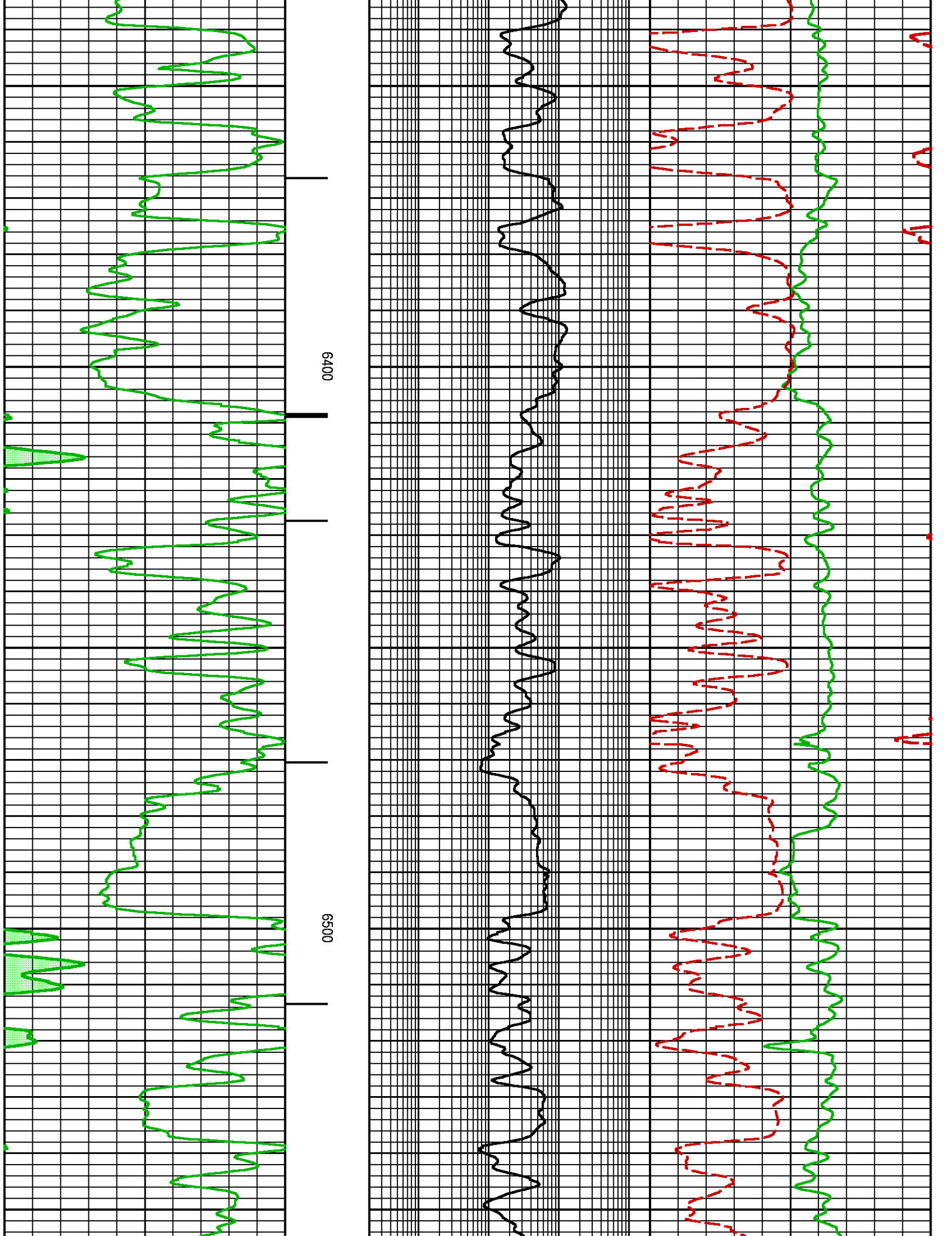


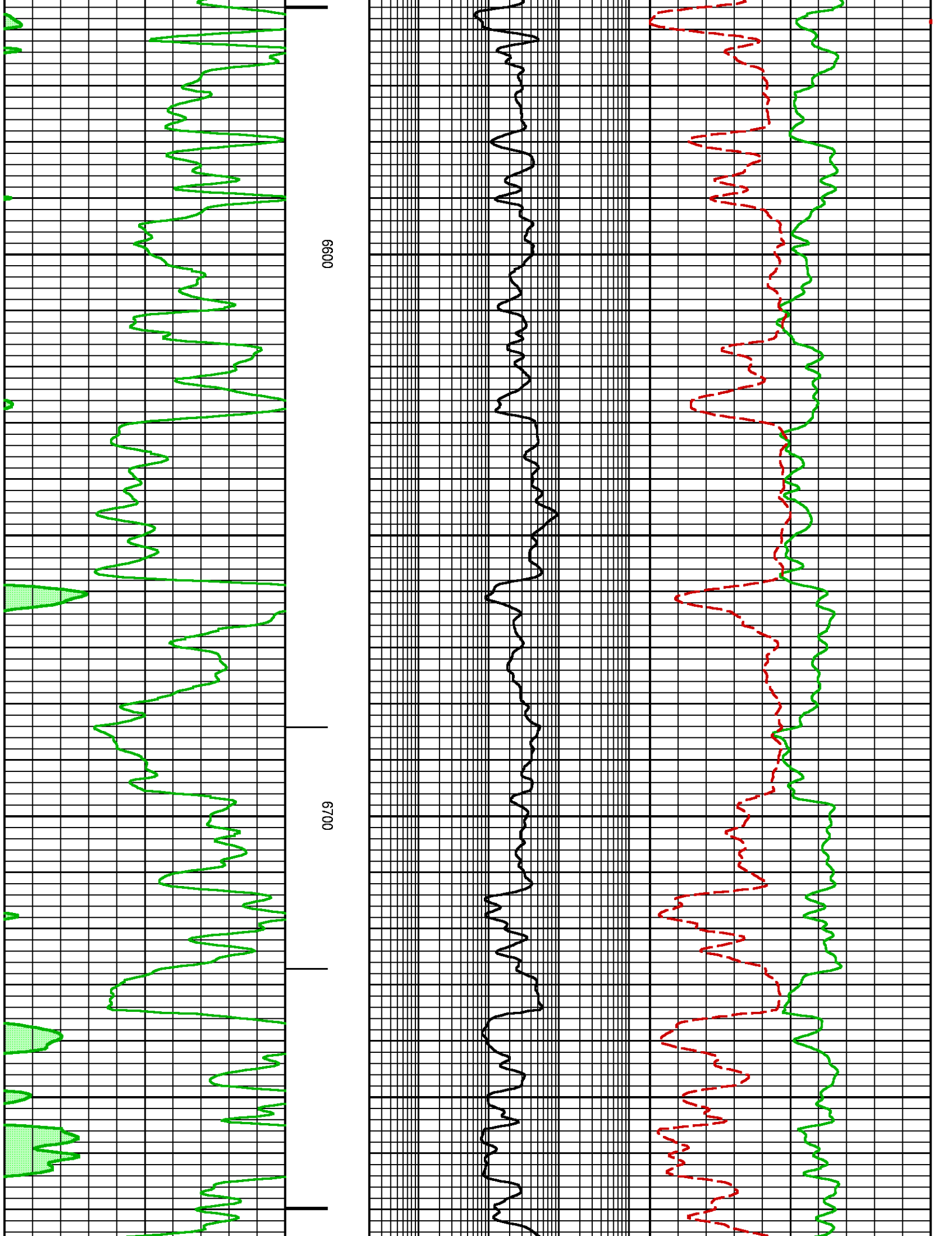


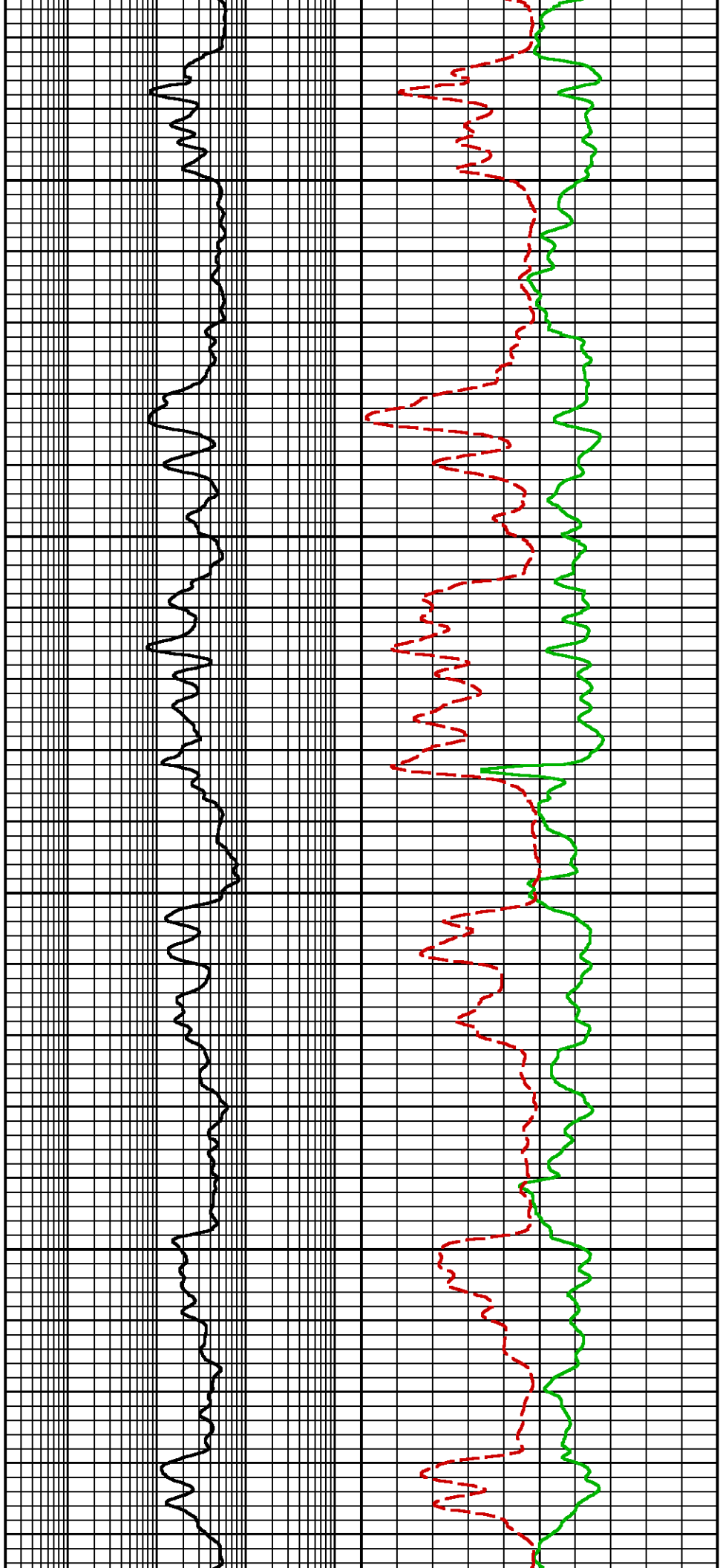
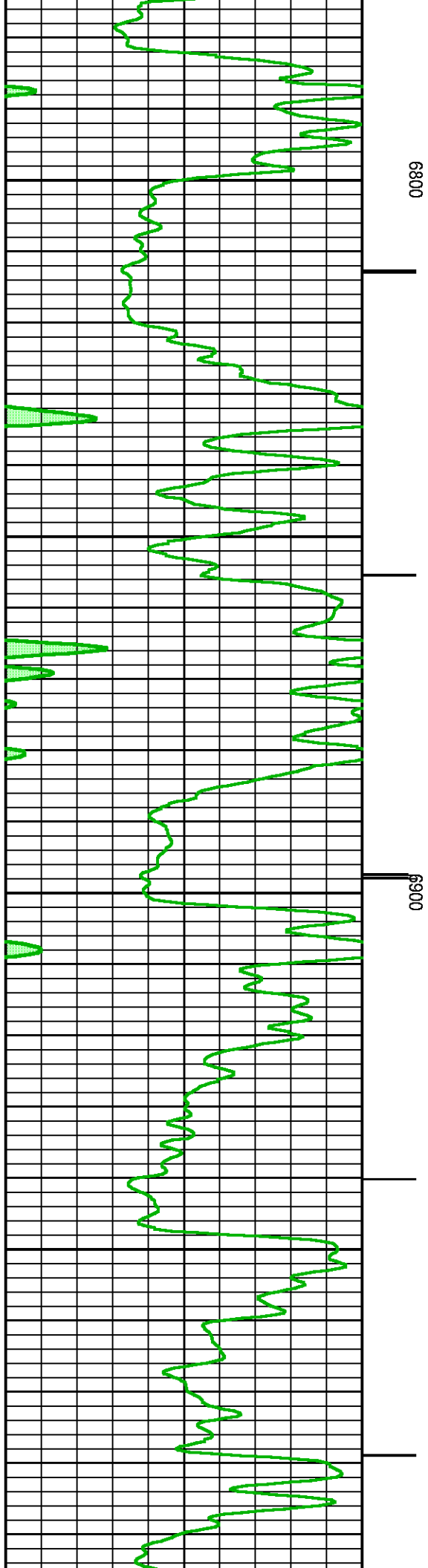


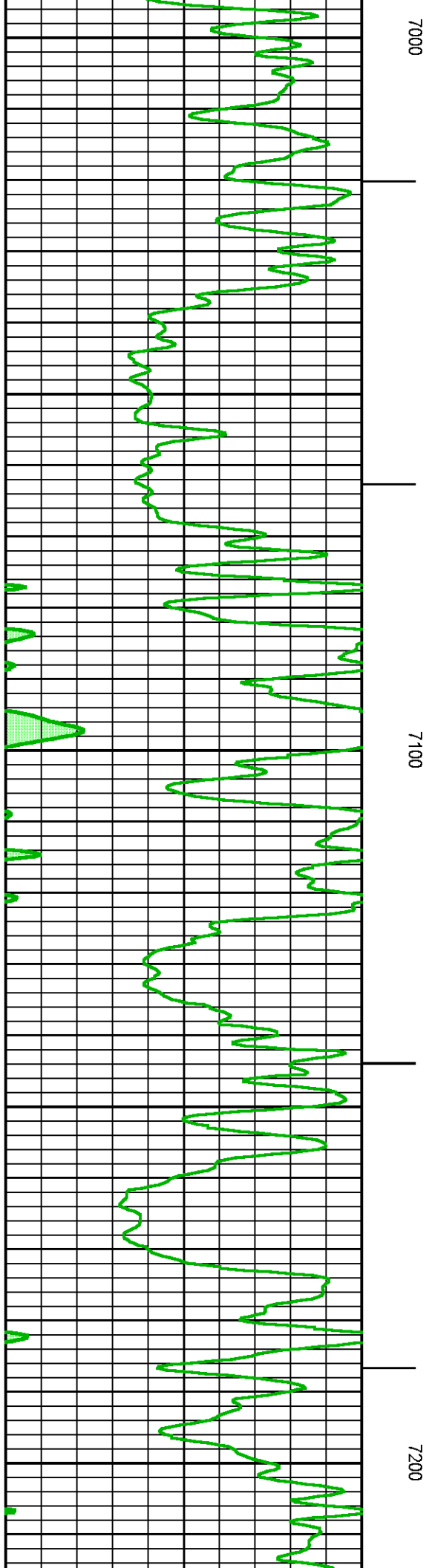
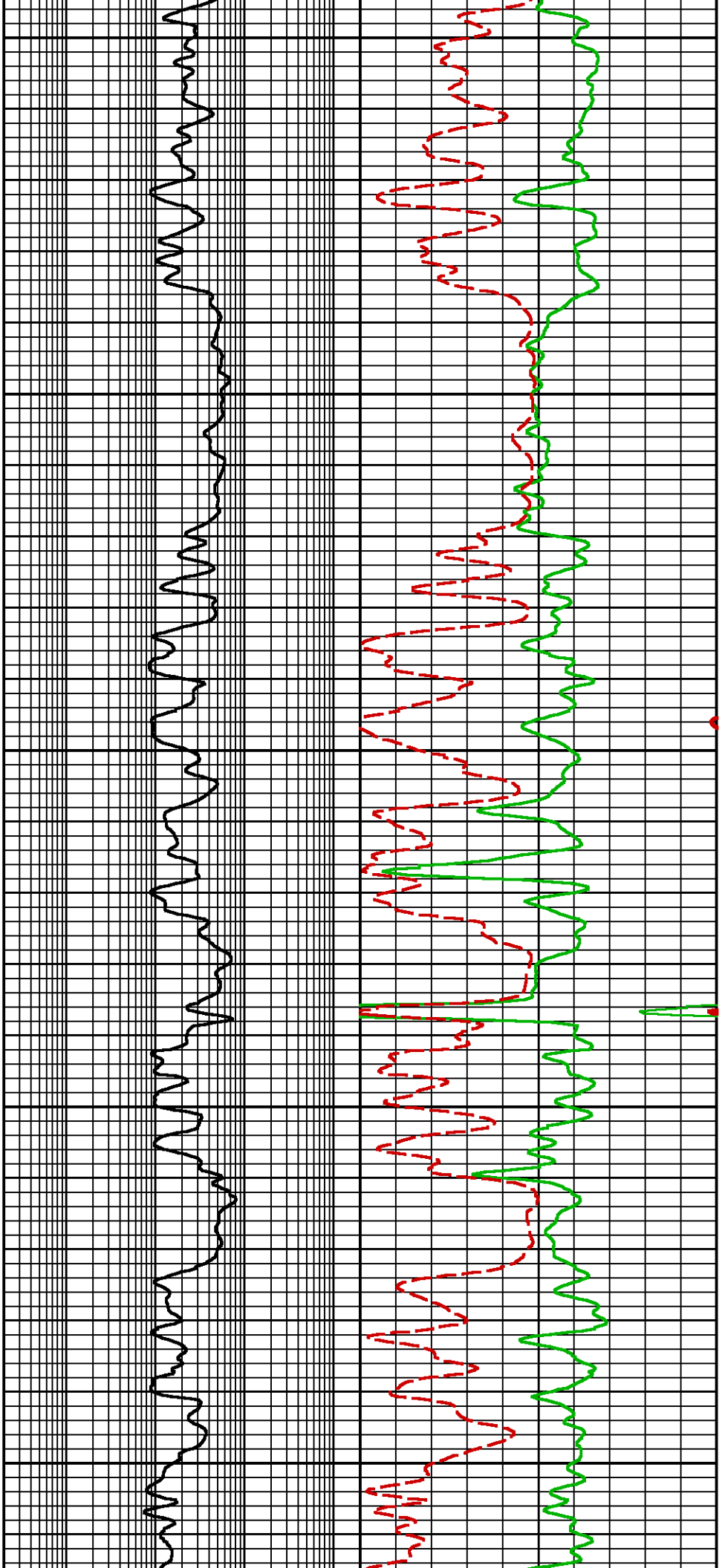


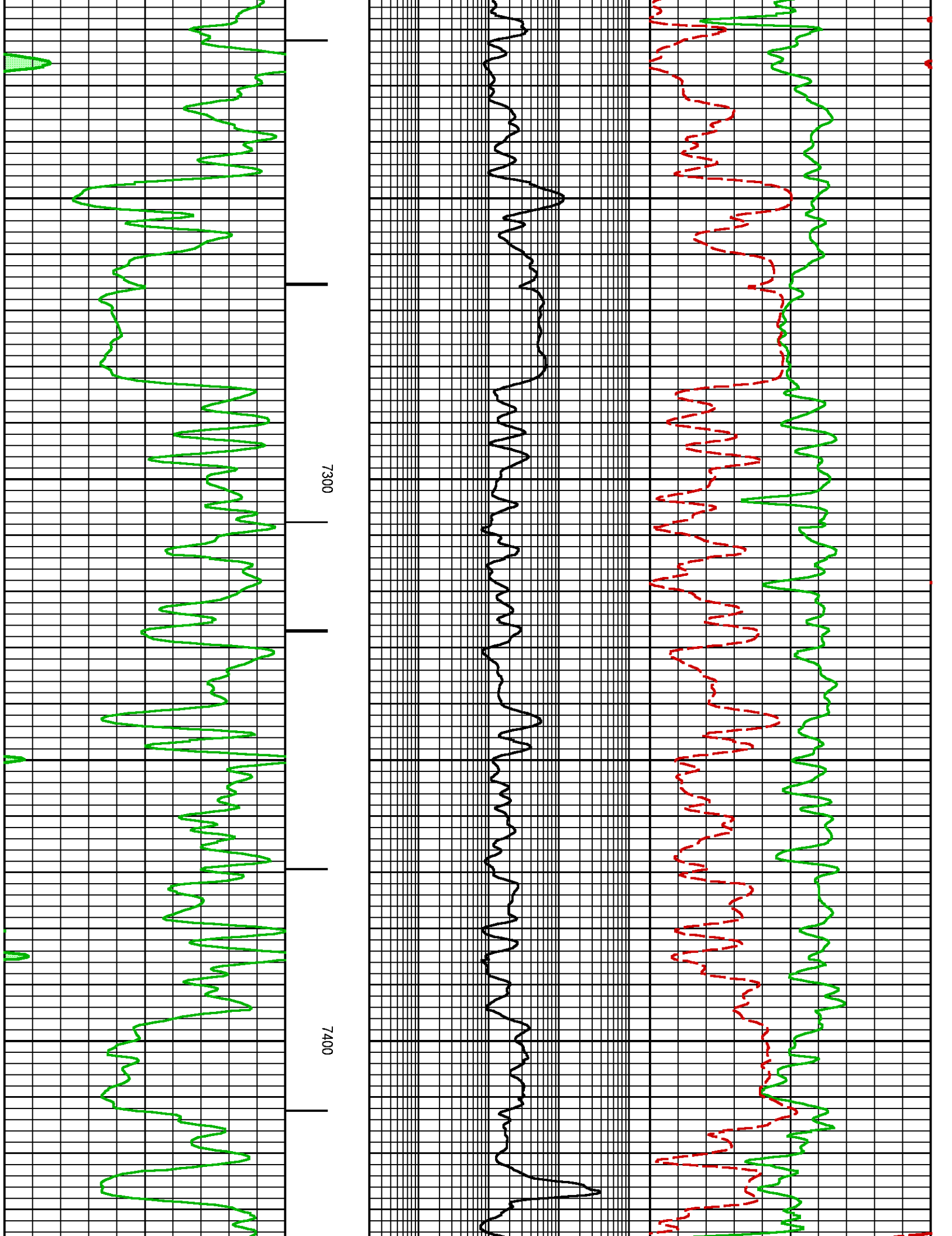


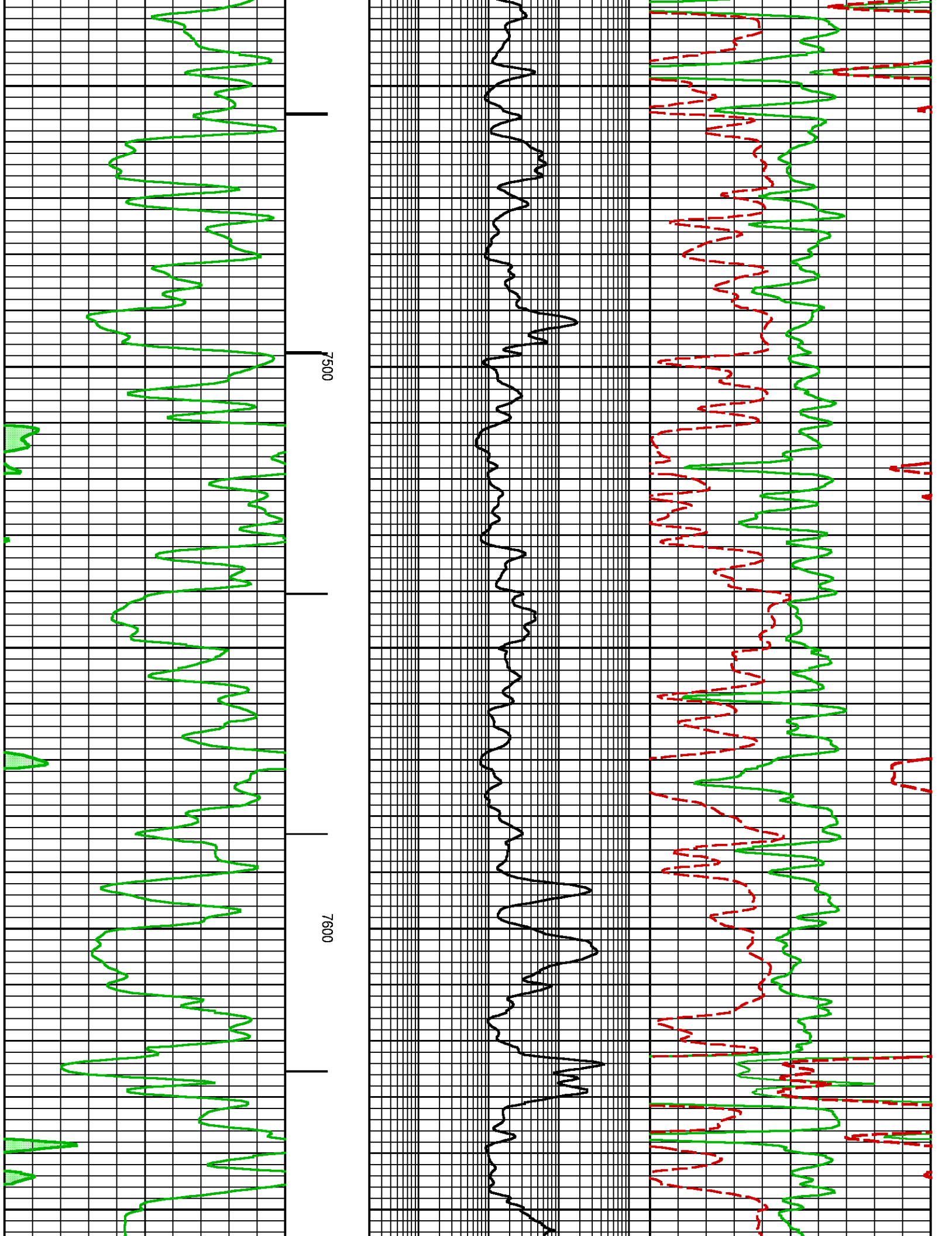


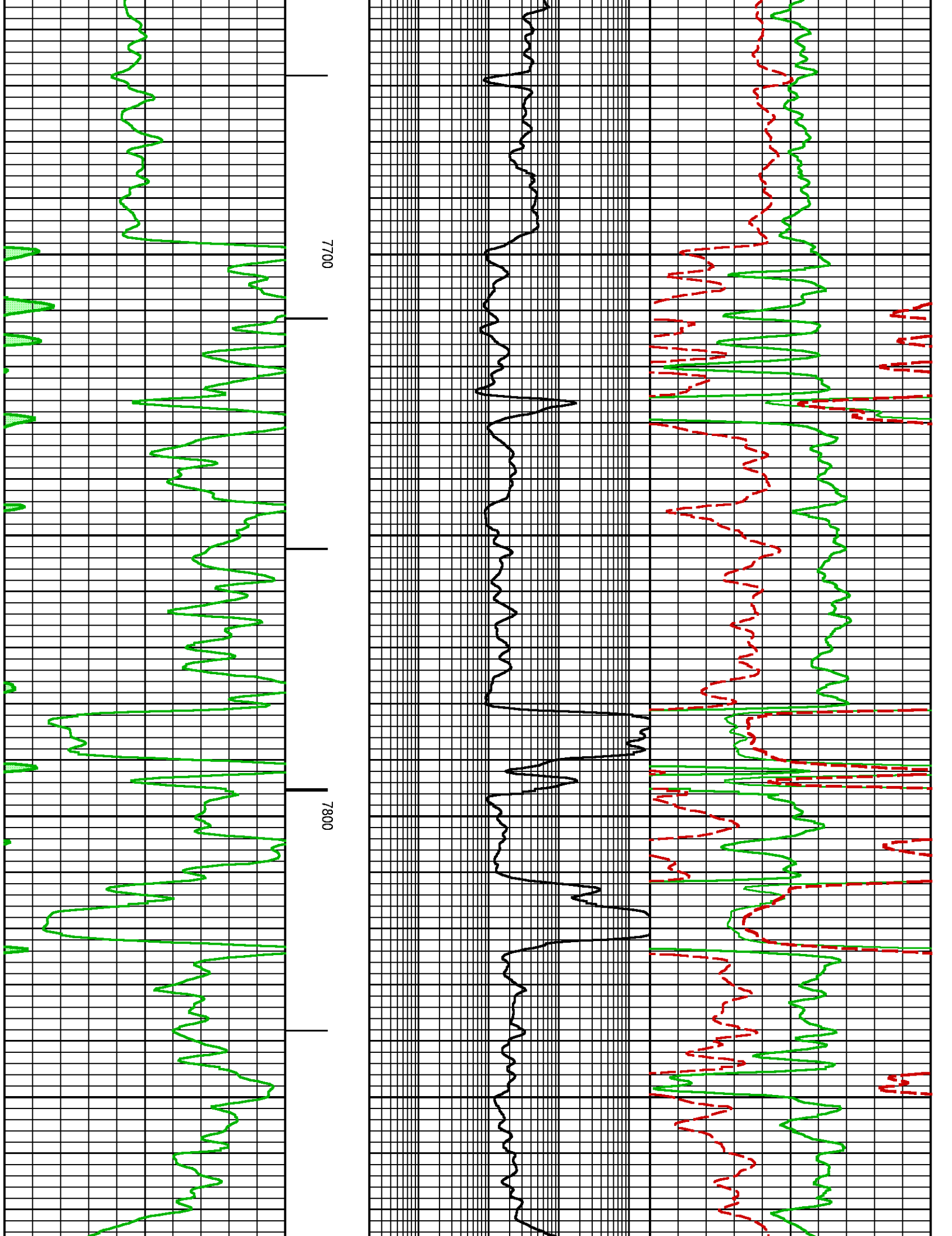


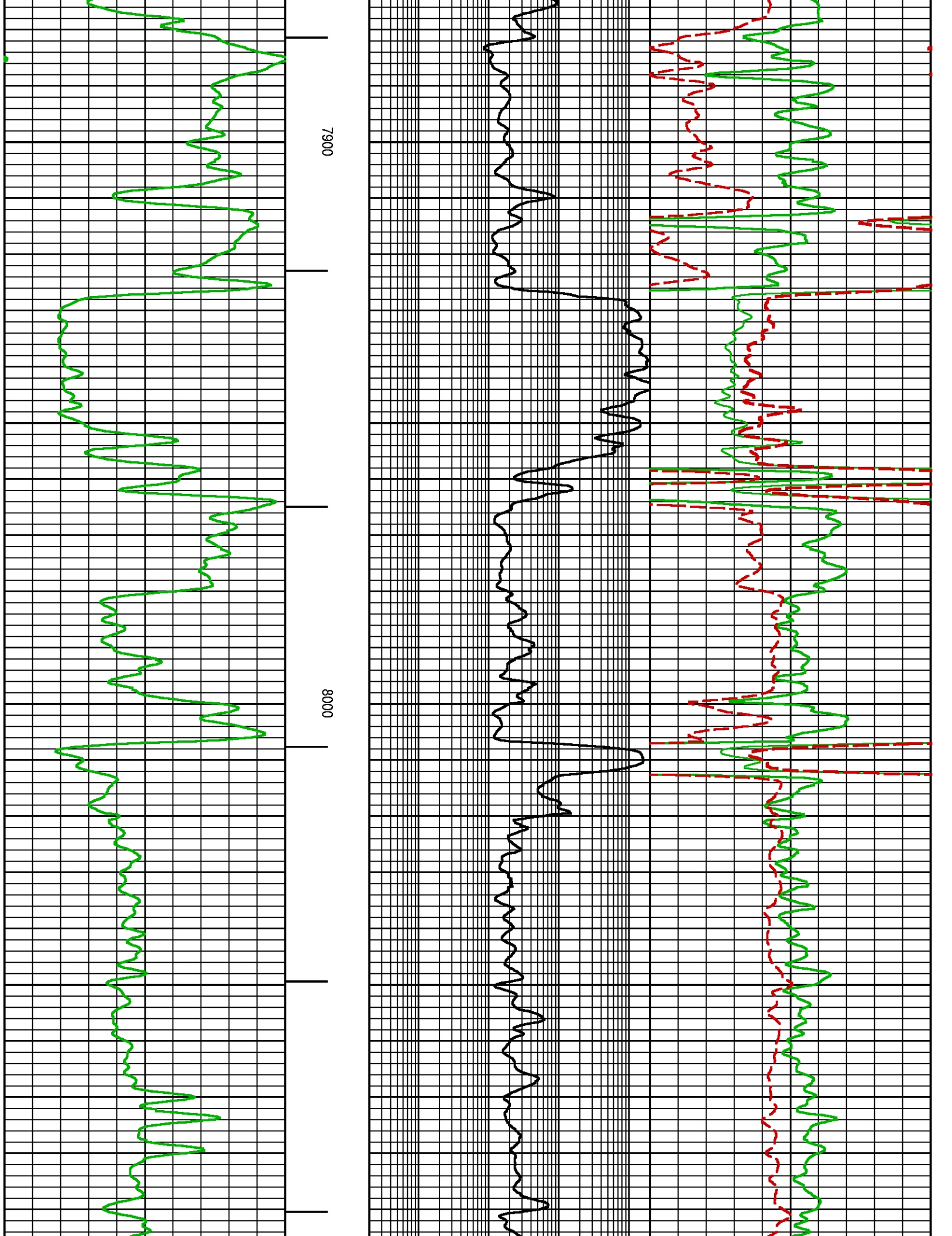


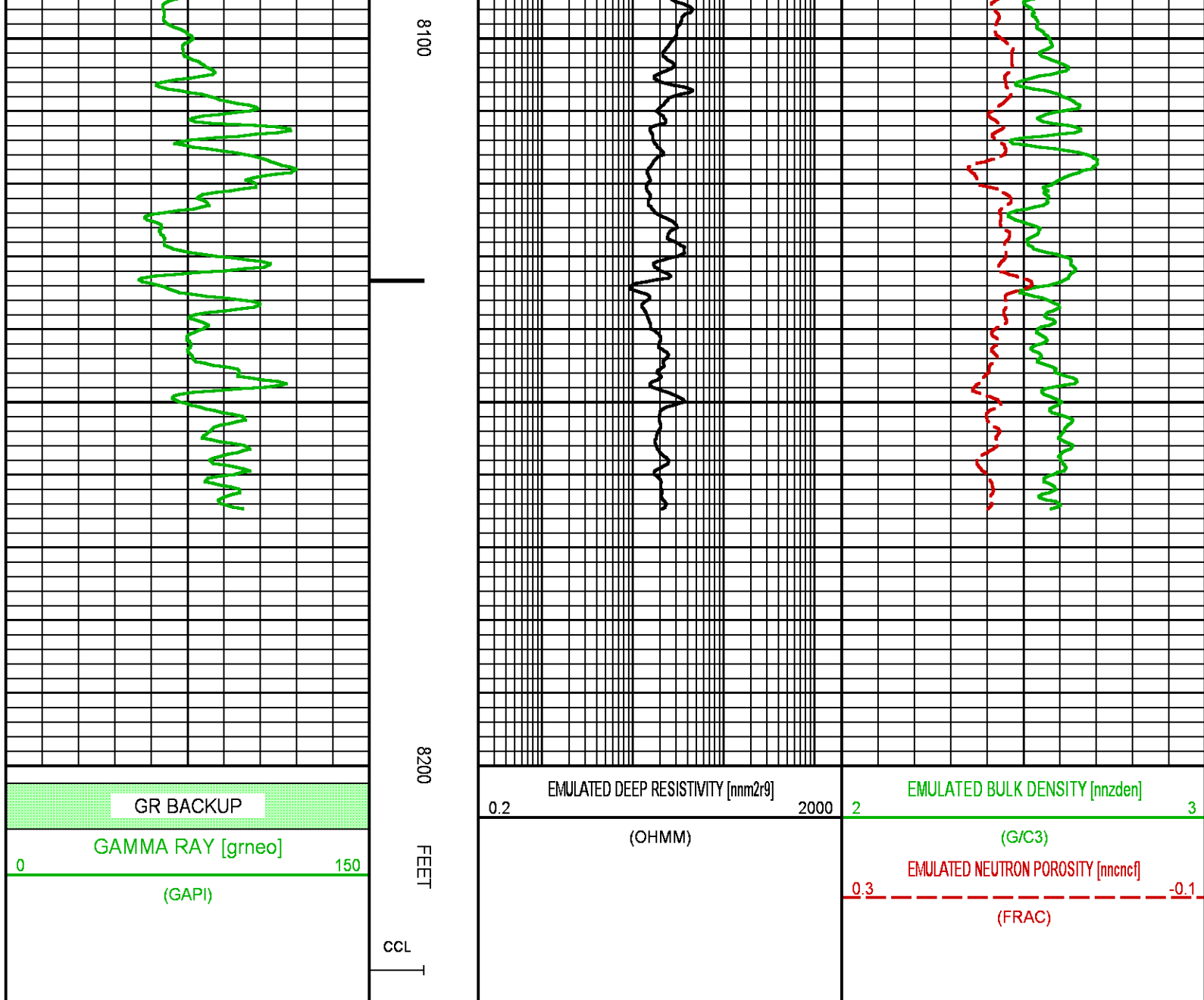












**BAKER
HUGHES**
a GE company



COMPANY
WELL
FIELD
COUNTY

LARAMIE ENERGY II LLC
NICHOLS 0994-13-18W
VEGA
MESA

STATE **COLORADO**

FILE NO:

API NO:

05077104170000

LOCATION:

SEE REMARKS SECTION

SEC **24** **TWP** **9S** **RGE** **94W**

ELEVATIONS:

KB **7161 FT**

DF

GL **7137 FT**

DATE

21-Mar-2018

