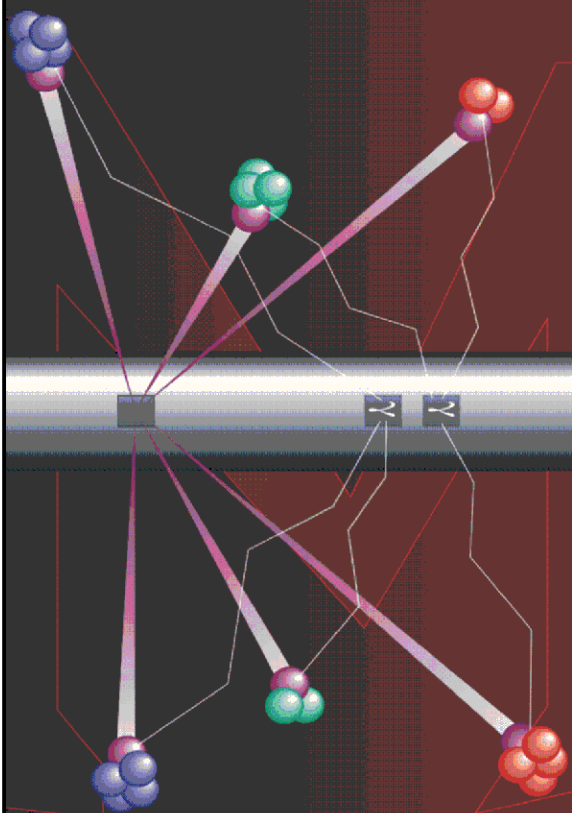


**BAKER
HUGHES**
a GE company



Pulsed Neutron Formation Evaluation



NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY LLC

WELL NICHOLS 0994-24-17W

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION: SEE REMARKS SECTION

SEC 24 TWP 9S RGE 94W

ELEVATIONS:

KB 7236.0 FT DF GL 7212.0 FT

DATE 02-JUL-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>11-JUL-2018</u>
FIELD DATA	LOCATION: <u>GRAND JCT.</u>		ENGINEER: <u>T.NEWELL/US137652</u>	DATE: <u>02-JUL-2018</u>
FROM	TO			
<u>2111 FT</u>	<u>7630 FT</u>			

REMARKS

LOCATION:
SHL: 2301' FNL & 2782' FWL
BHL: 1154' FSL & 1549' FWL

TRAINING WELL:
NICHOLS 0994-24-06W

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 NICHOLS 0994-24-17W (G-SAND)

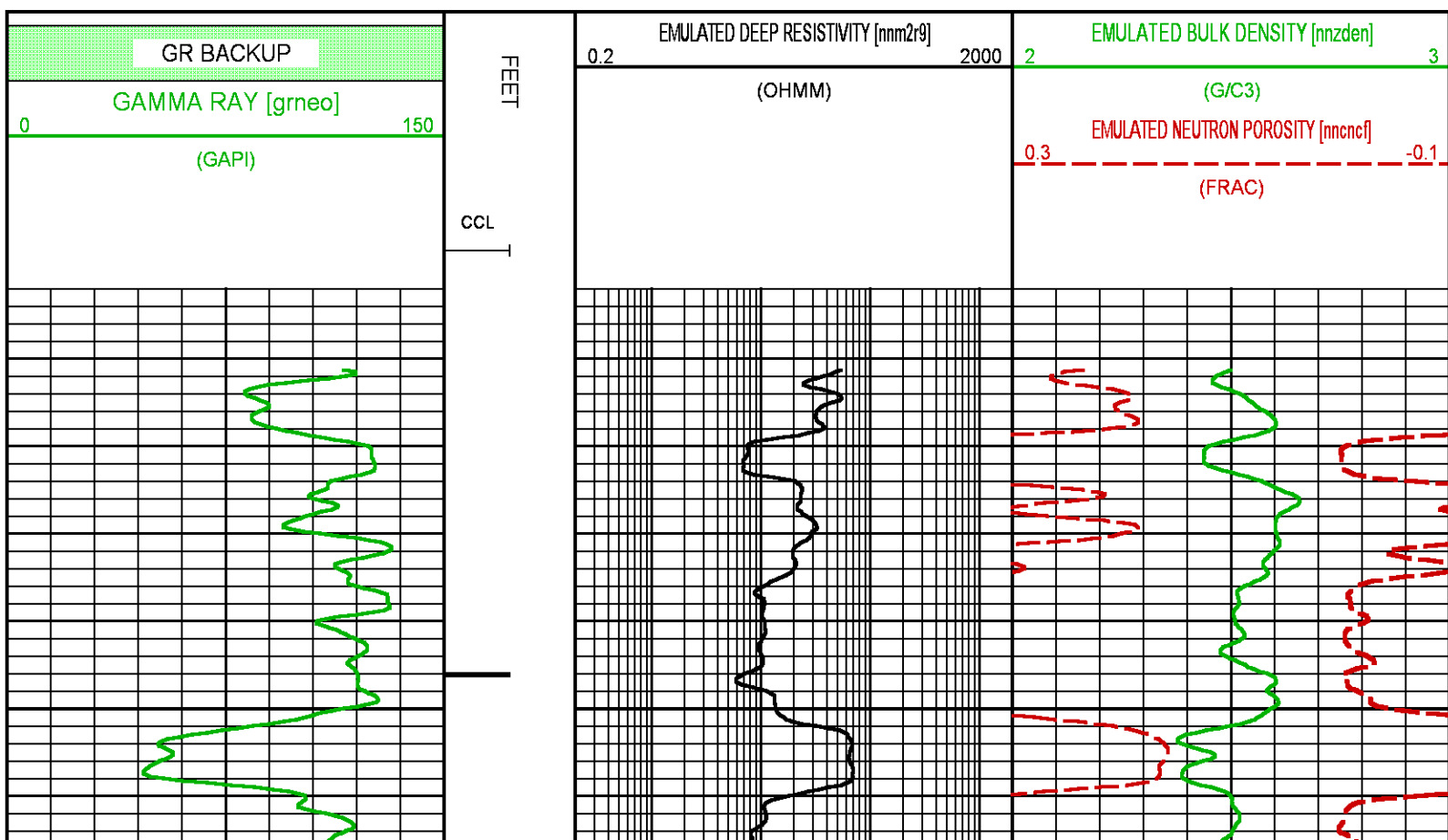
ECLIPS ECPLLOT from ECLIPS 7.0 WFM 6.0.7905.1 Wed 08/23/2017 09:02:35.01

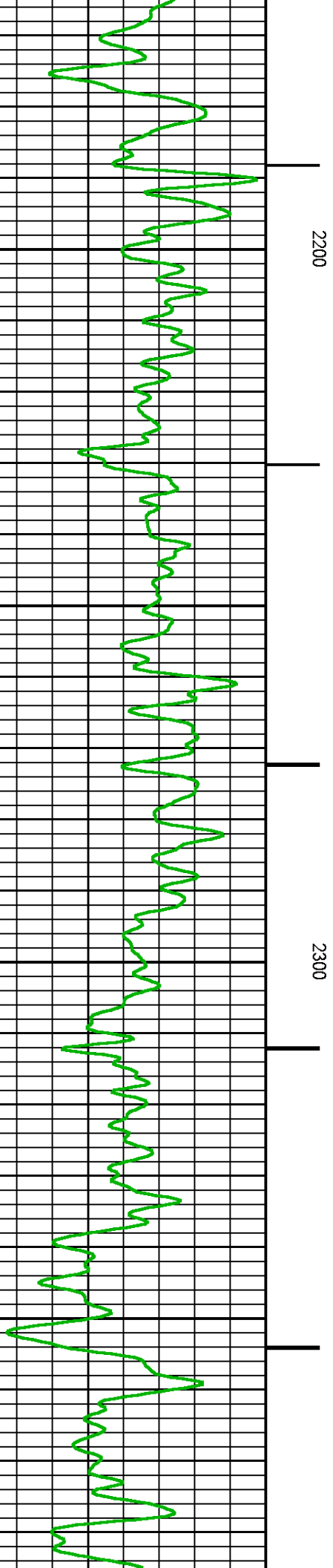
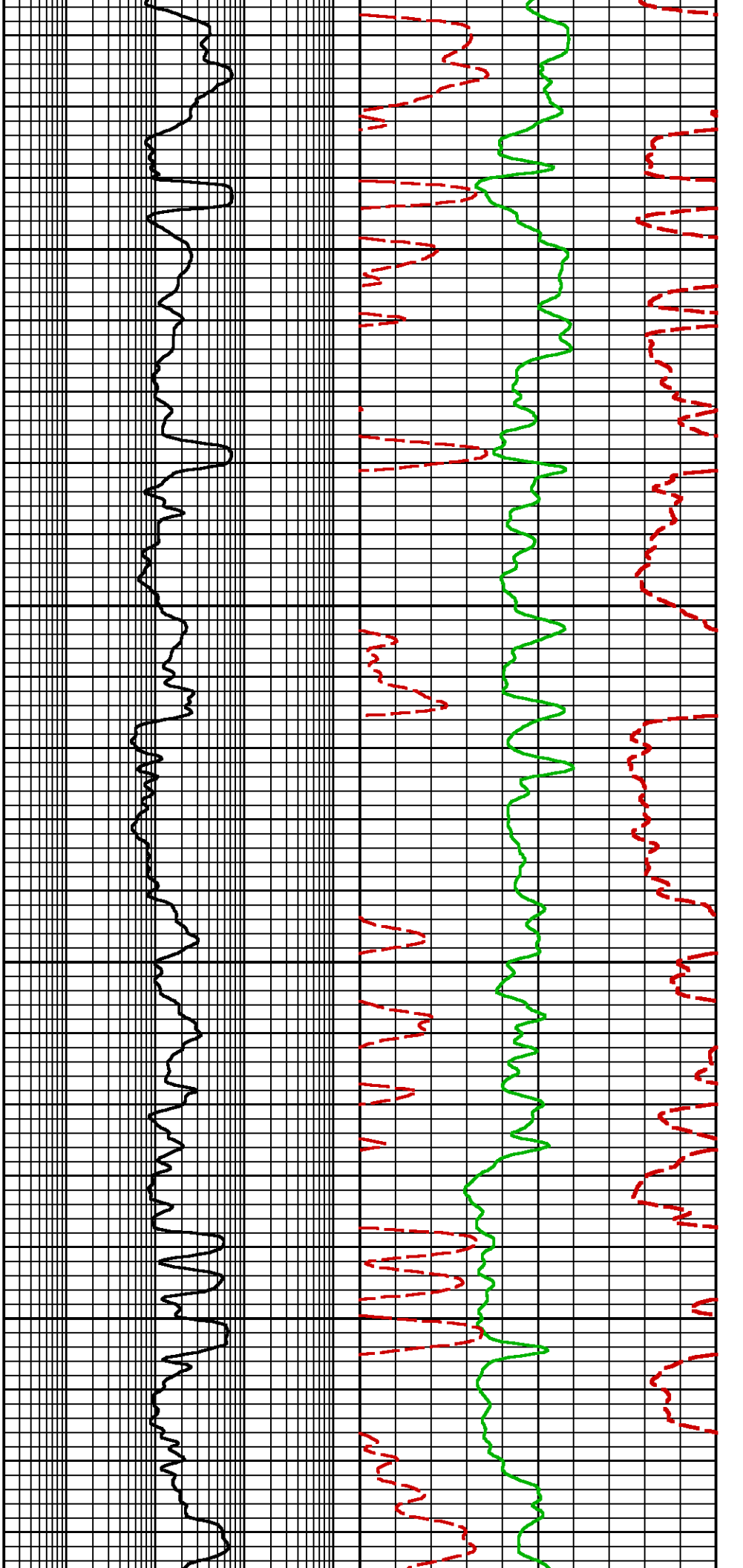
Plotted: Wed Jul 11 08:14:33 2018

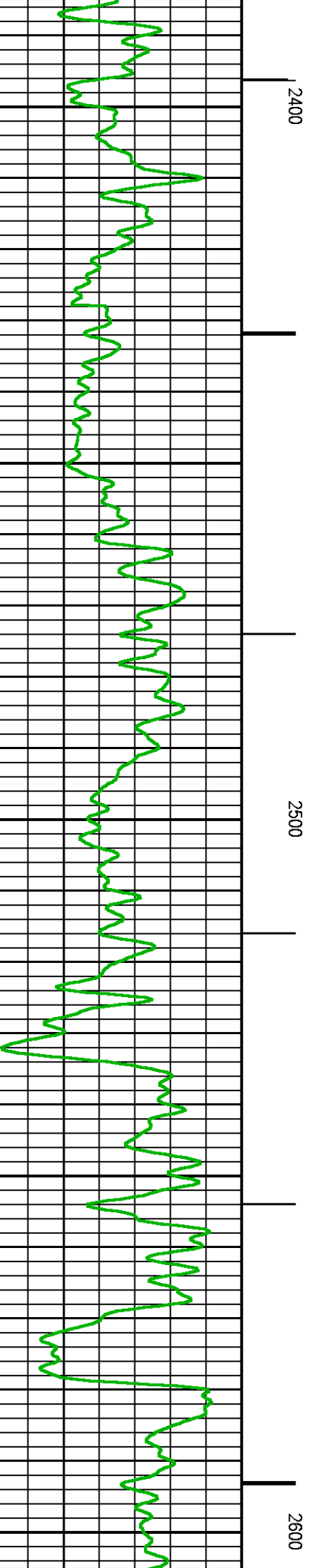
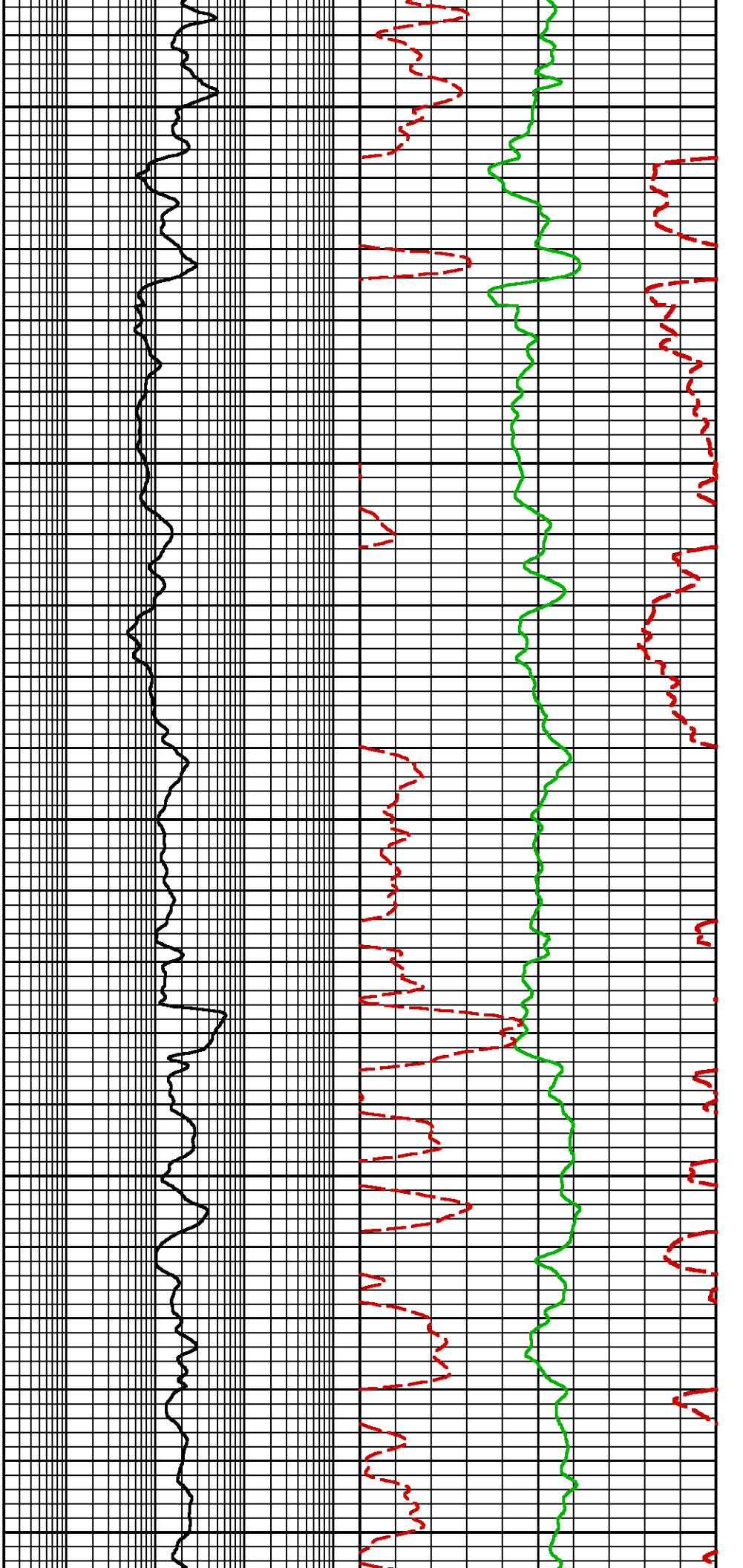
CURVE MEASURE POINT OFFSET

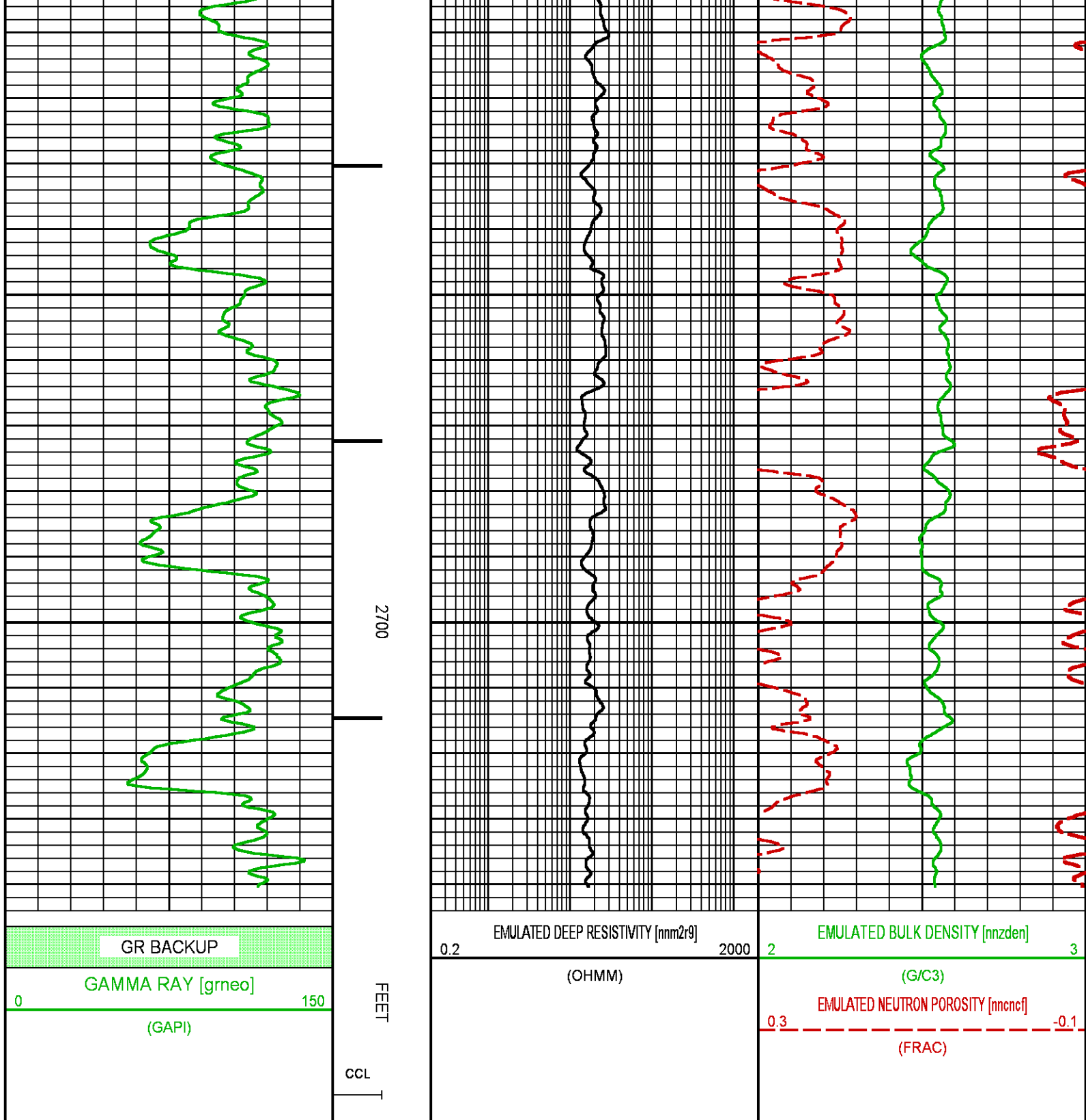
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNCf	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

Project : NA
User : kotoale
Presentation : BHI1F65XZ1:d:\Ape_Projects\LARAMIE_NICHOLS_0994_24_17W_NEO\NEO_PRESENTATION_LARAMIE_G-Sand.pdf [5"/100' Scale]
Plot Interval : 2103 - 2743 Feet
Data File 1 : F1 : BHI1F65XZ1:D:\Ape_Projects\LARAMIE_NICHOLS_0994_24_17W_NEO\Merged_Set_Final.xtf
Created On : N/A
Company : LARAMIE ENERGY LLC
Well : NICHOLS 0994 24-17W
Field : VEGA
File Interval : 2111.25 - 7630.25 Feet
OCT : NA







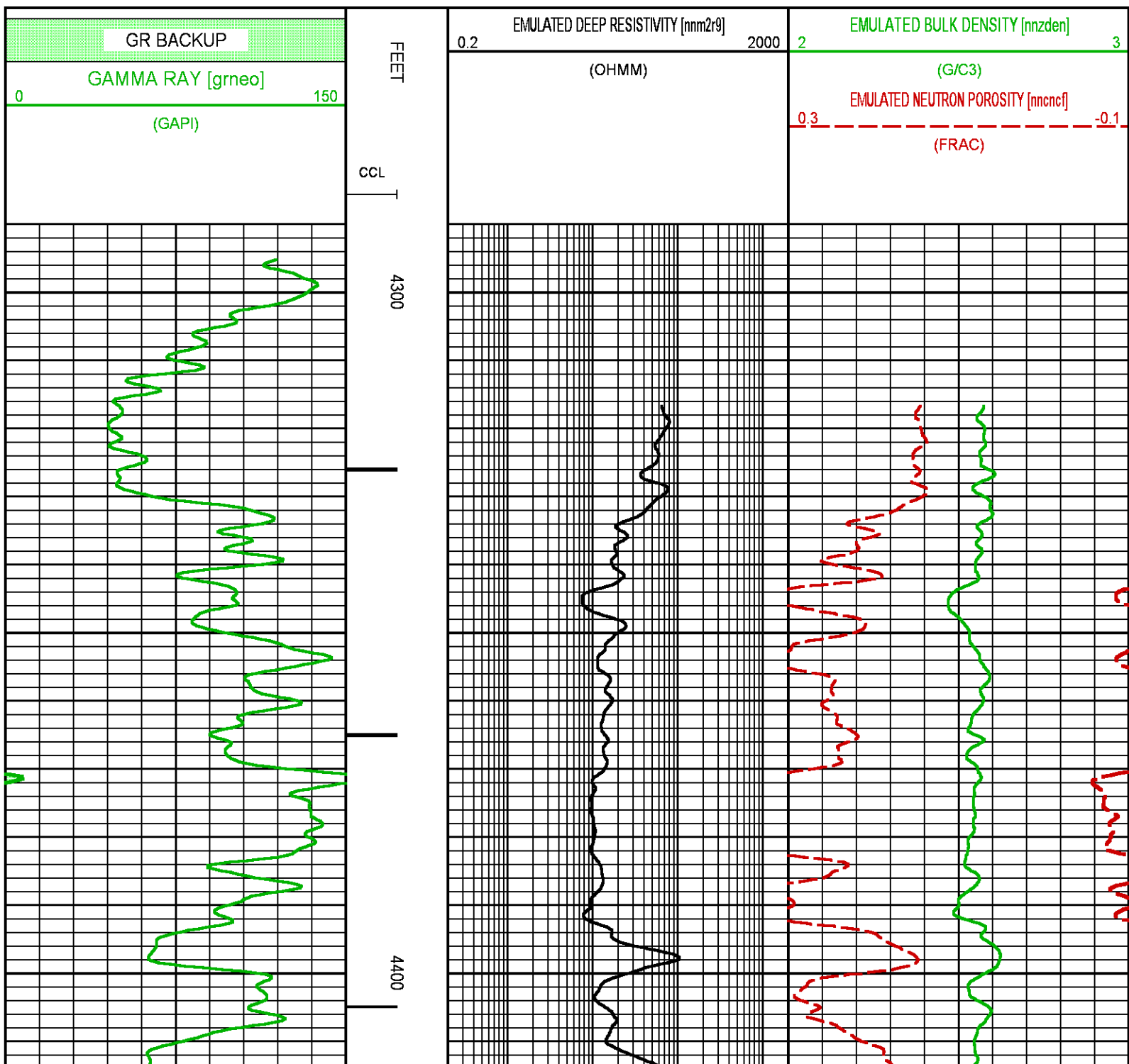


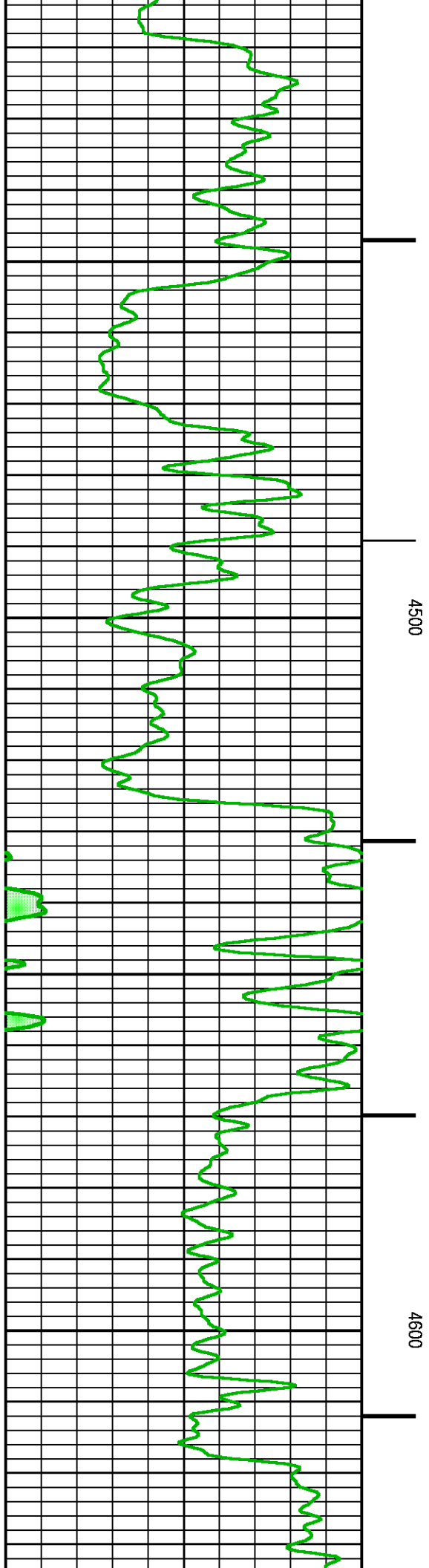
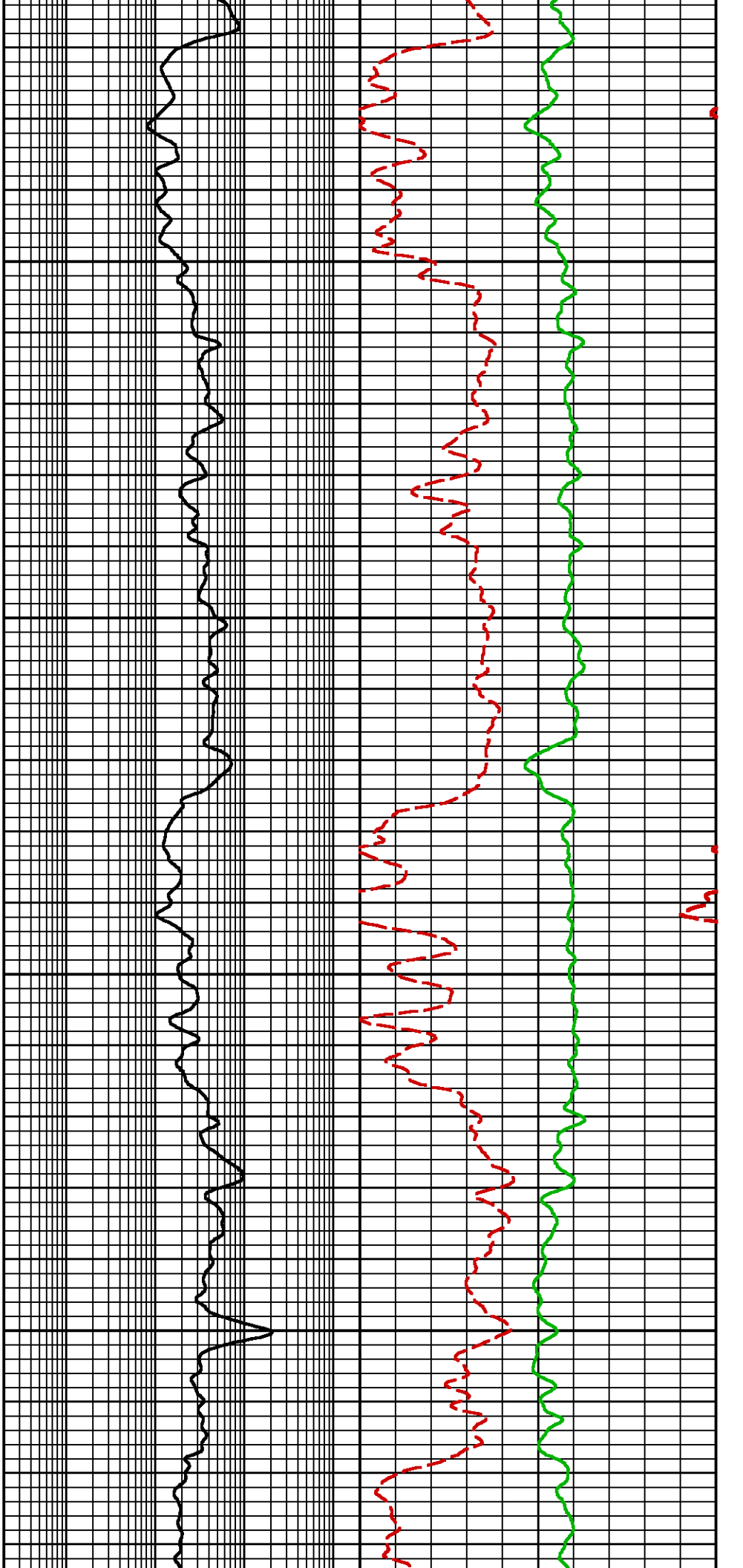
NEO RESULTS FOR NICHOLS 0994-24-17W (MAIN)

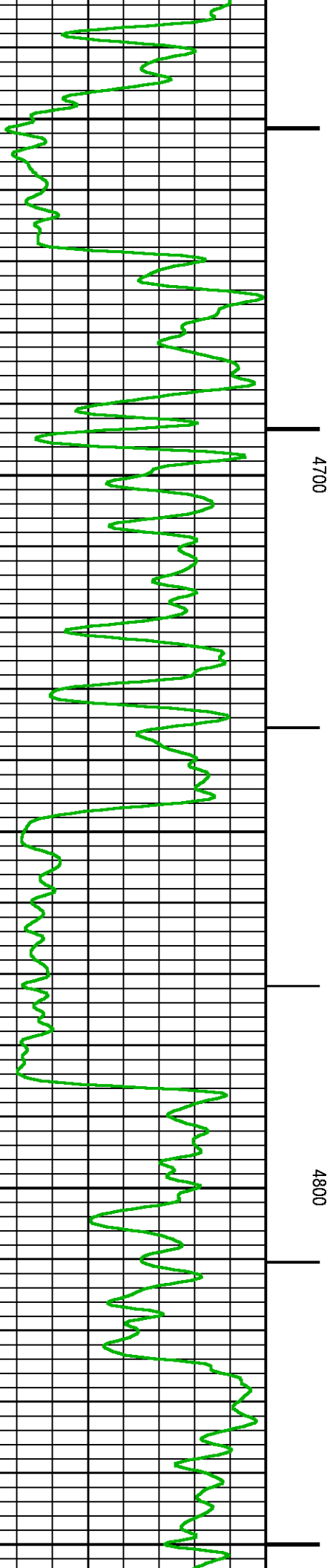
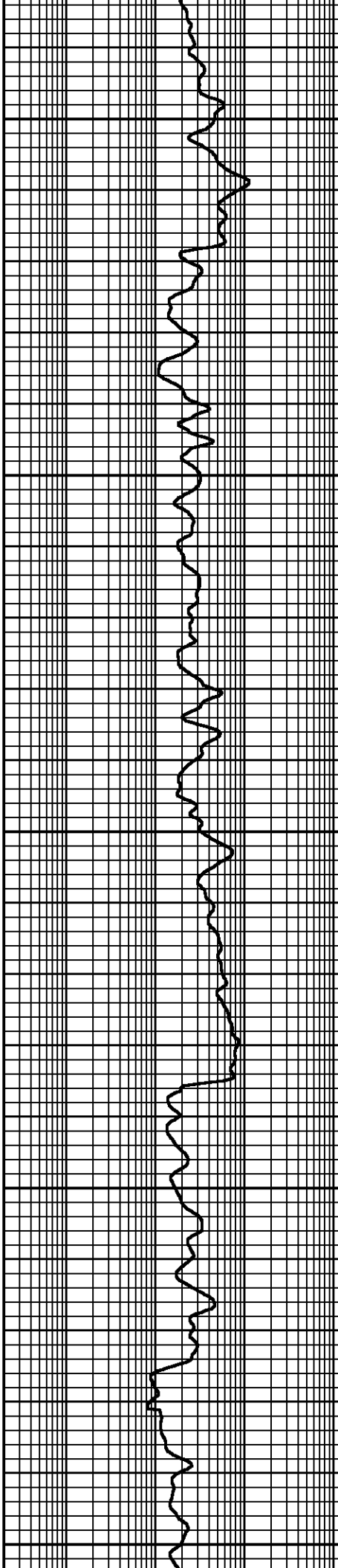
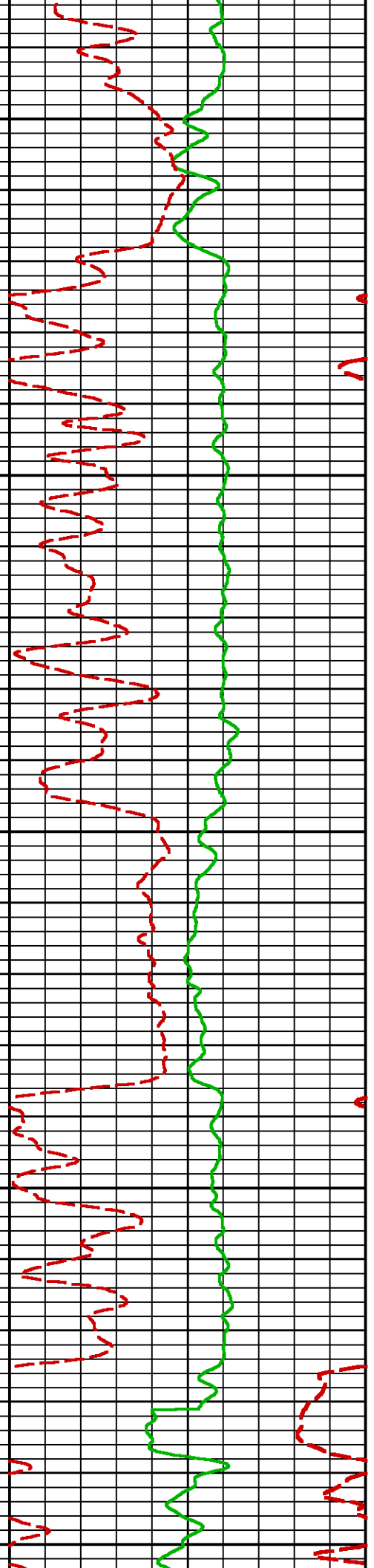
CURVE MEASURE POINT OFFSET

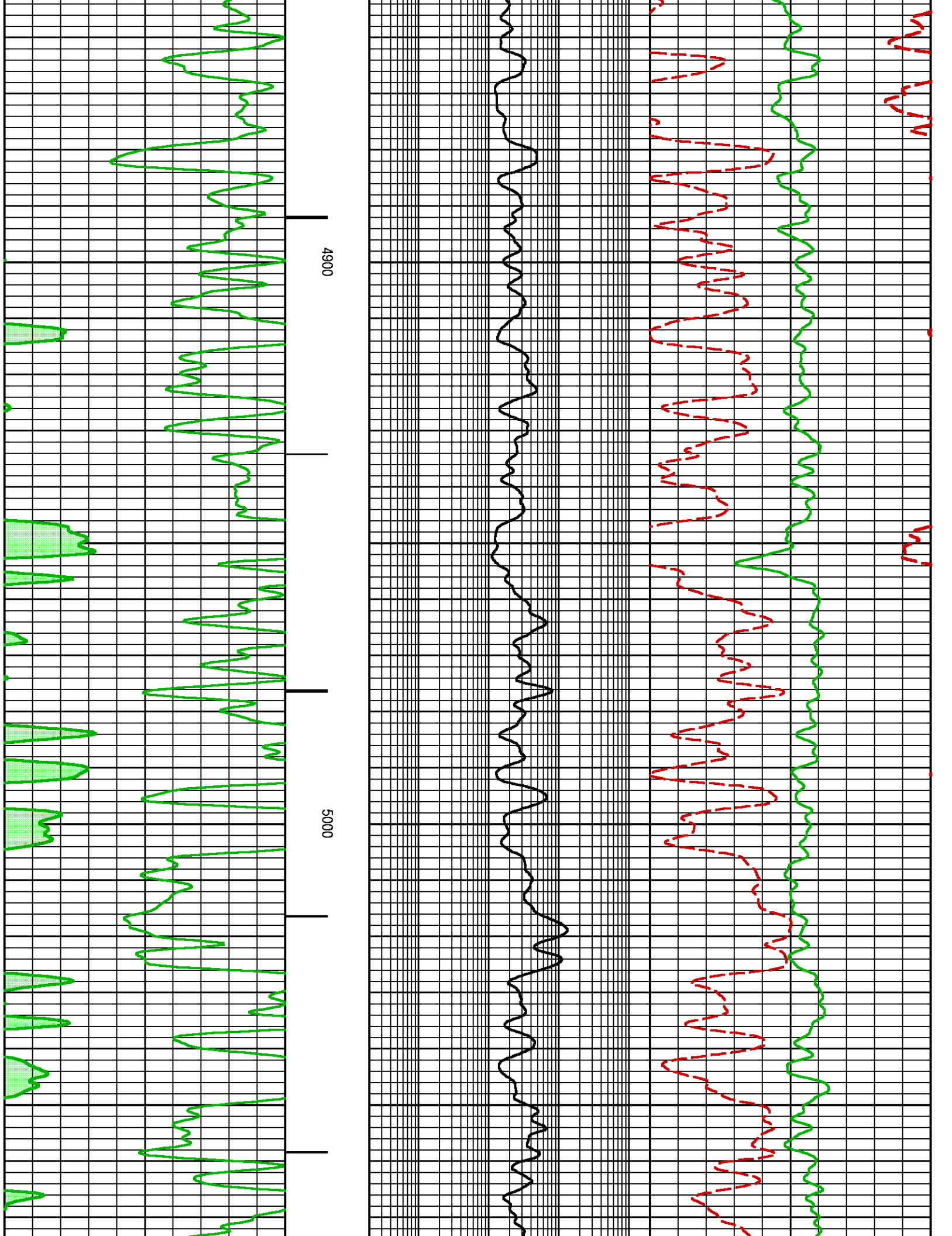
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNCf	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

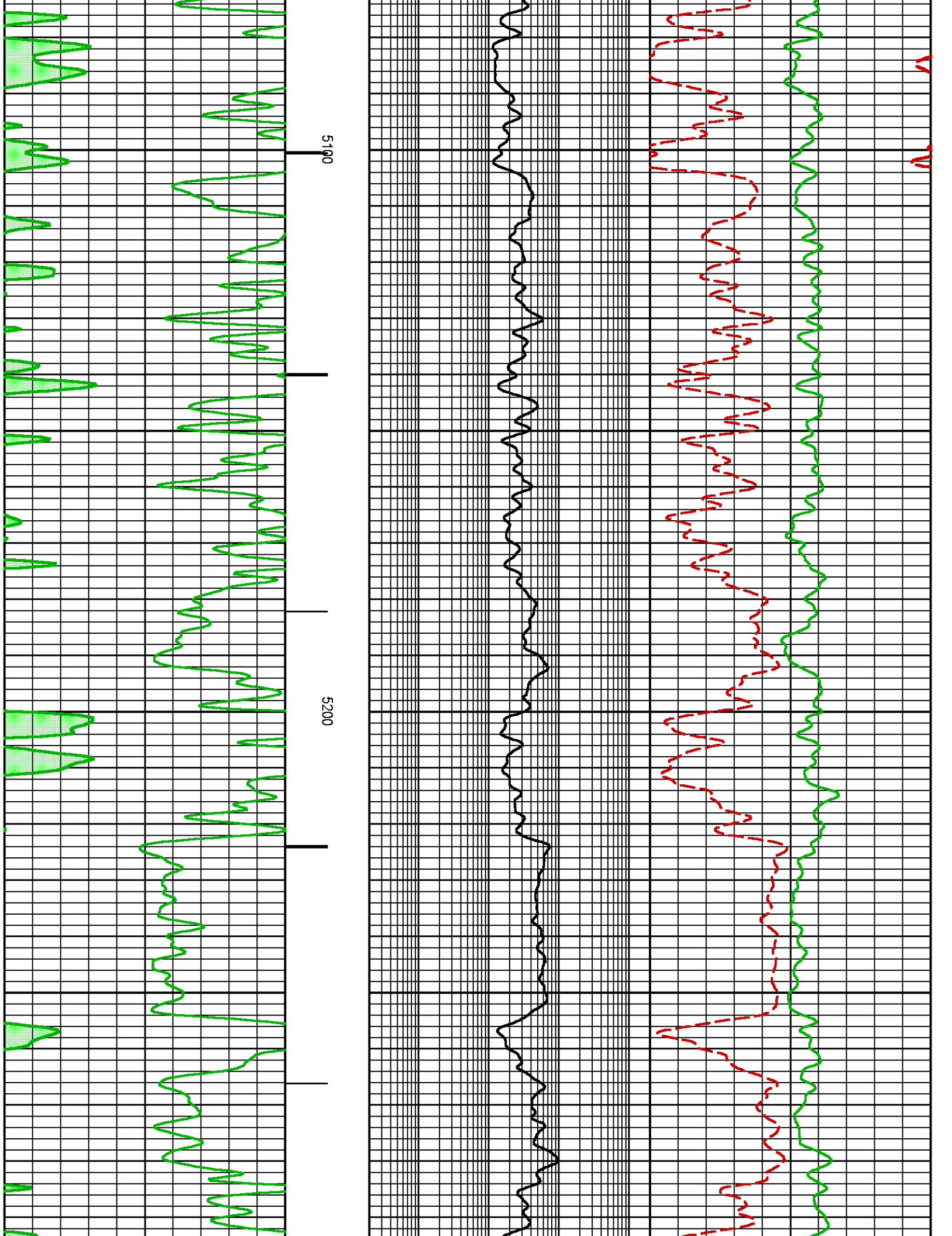
Project	: NA
User	: kotoale
Presentation	: BHI1F65XZ1:d:\Ape_Projects\LARAMIE_NICHOLS_0994_24_17W_NEO\NEO_PRESENTATION_LARAMIE_MAIN.pdf [5"/100' Scale]
Plot Interval	: 4291 - 7637 Feet
Data File 1	: F1 : BHI1F65XZ1:D:\Ape_Projects\LARAMIE_NICHOLS_0994_24_17W_NEO\Merged_Set_Final.xtf
Created On	: N/A
Company	: LARAMIE ENERGY LLC
Well	: NICHOLS 0994 24-17W
Field	: VEGA
File Interval	: 2111.25 - 7630.25 Feet
OCT	: NA

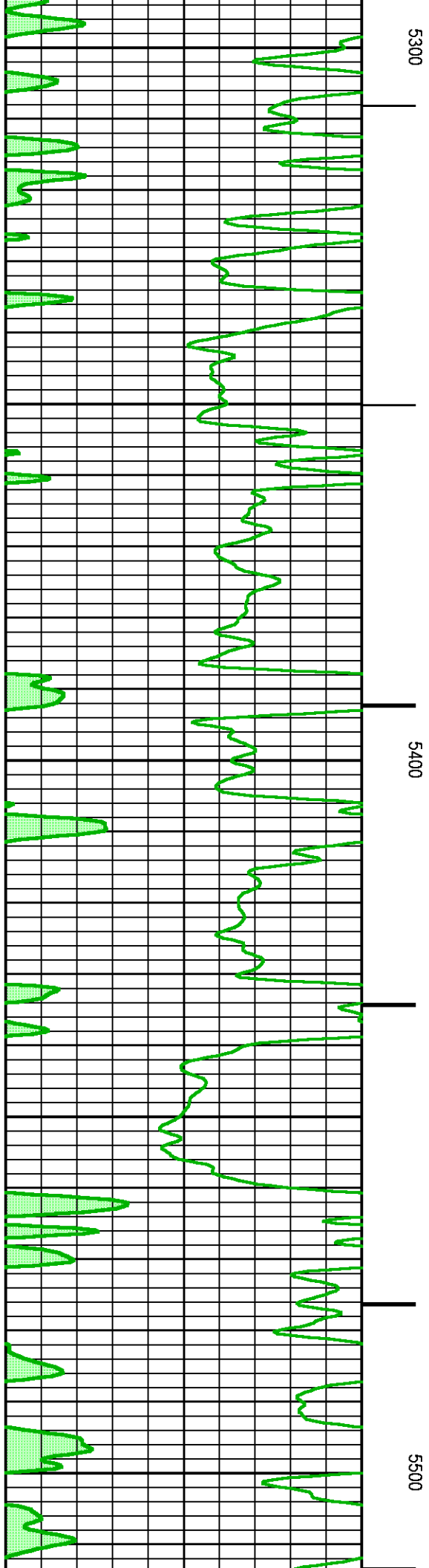
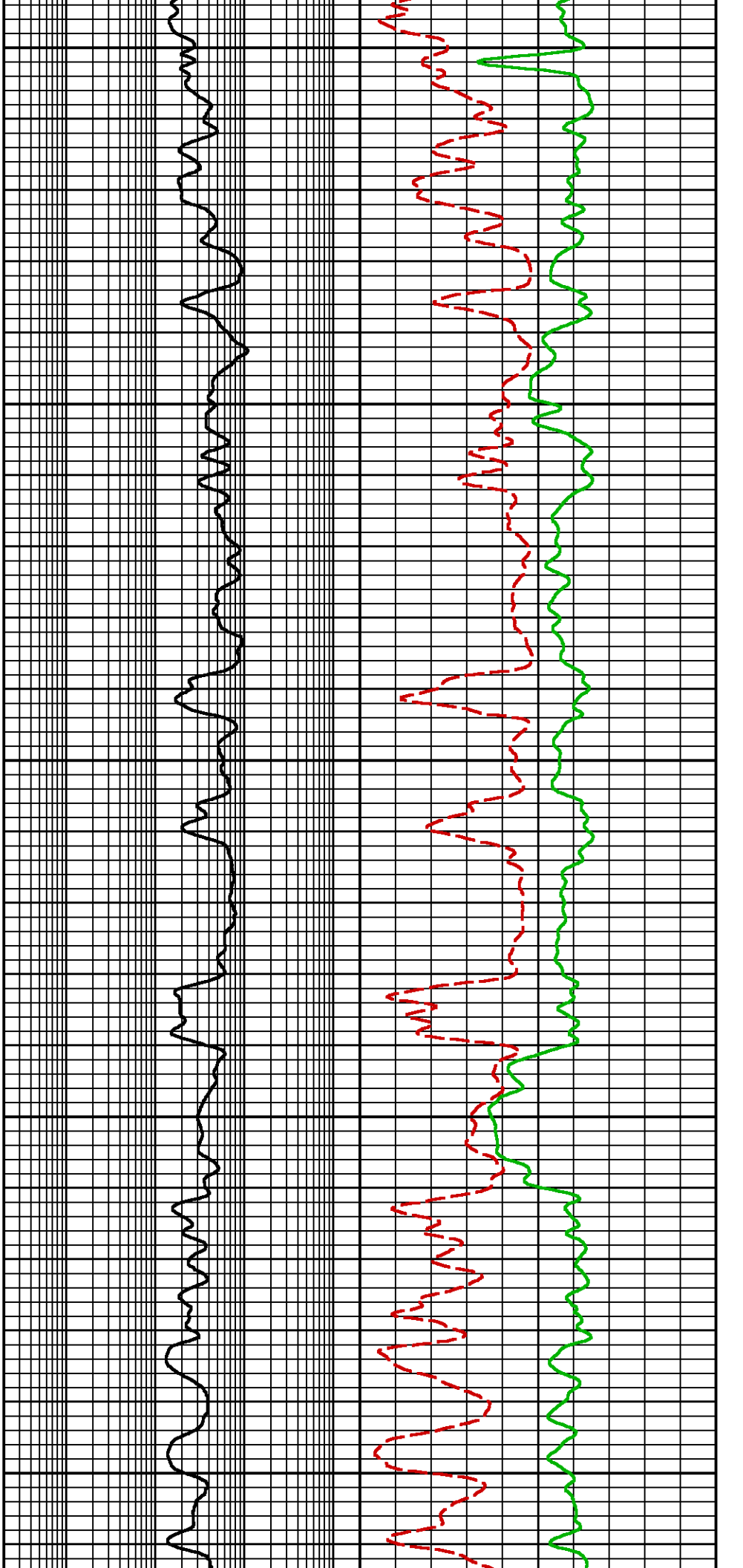


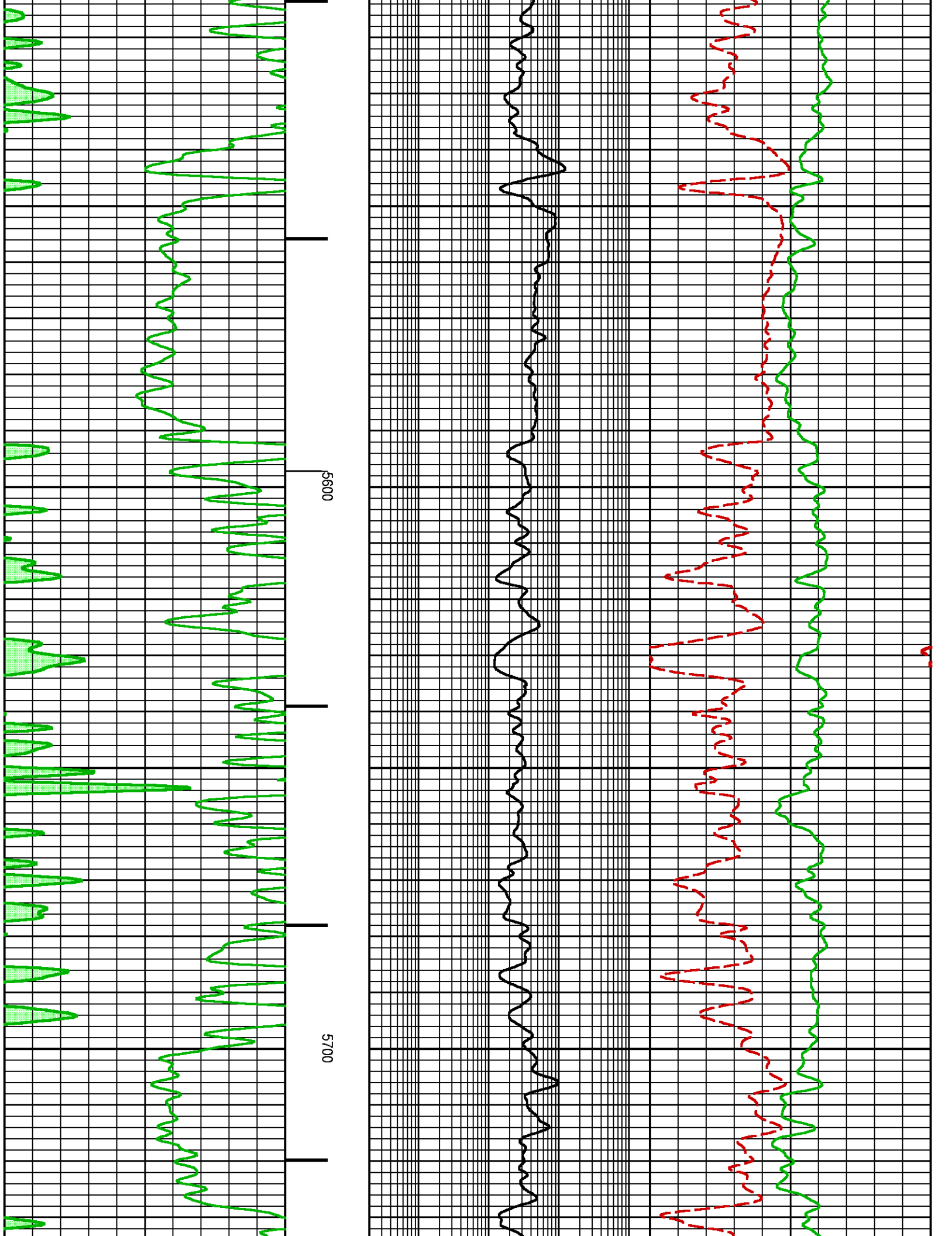


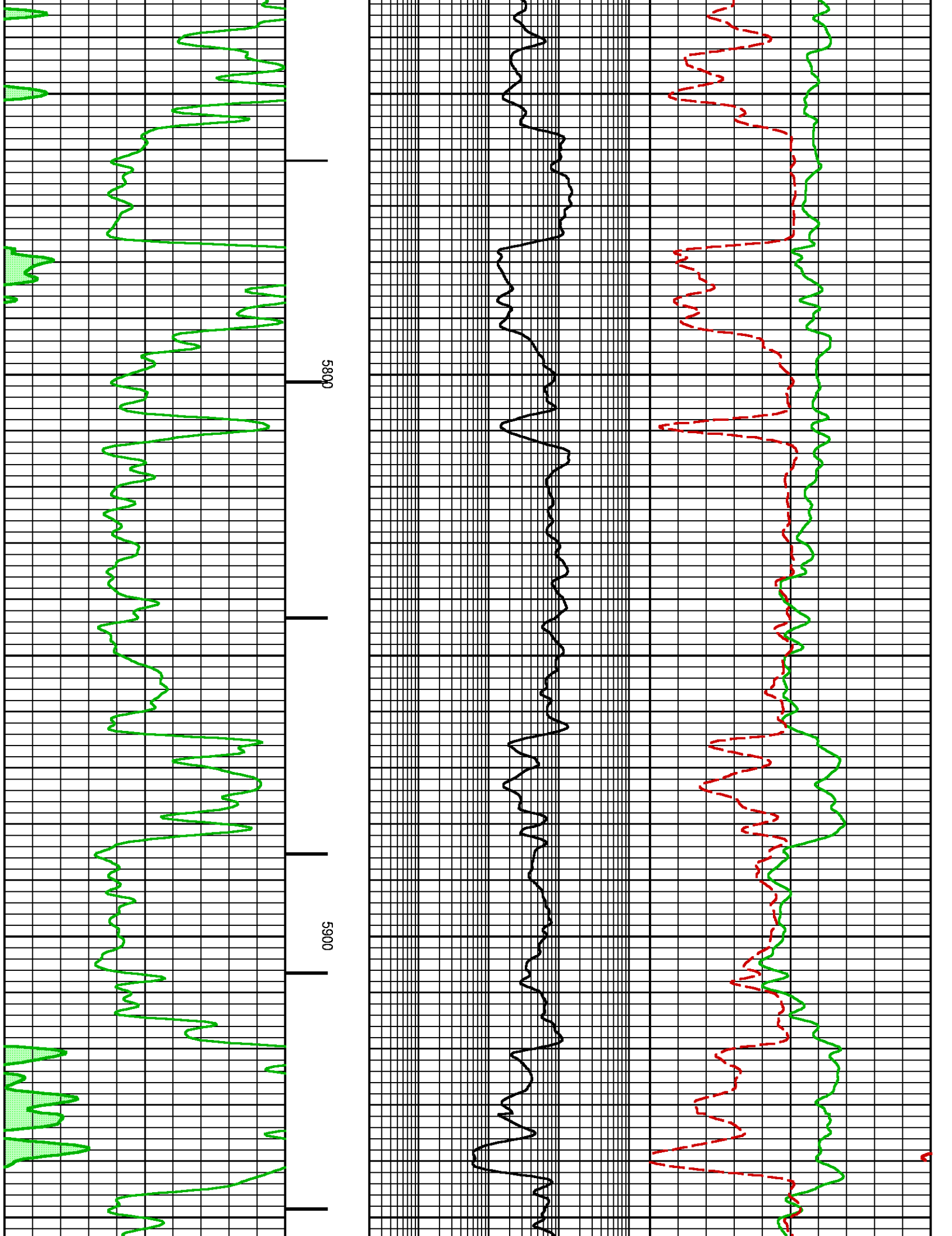


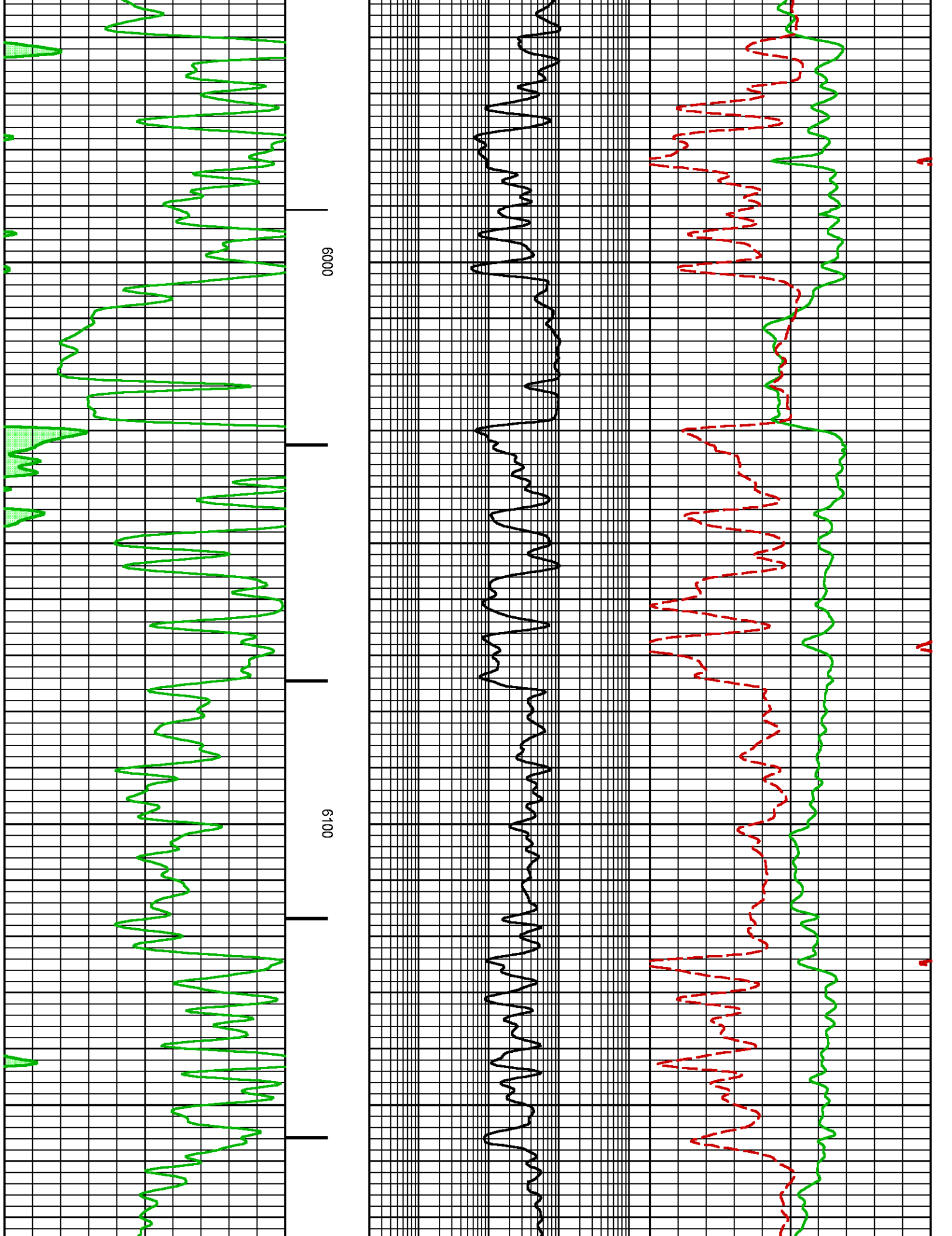


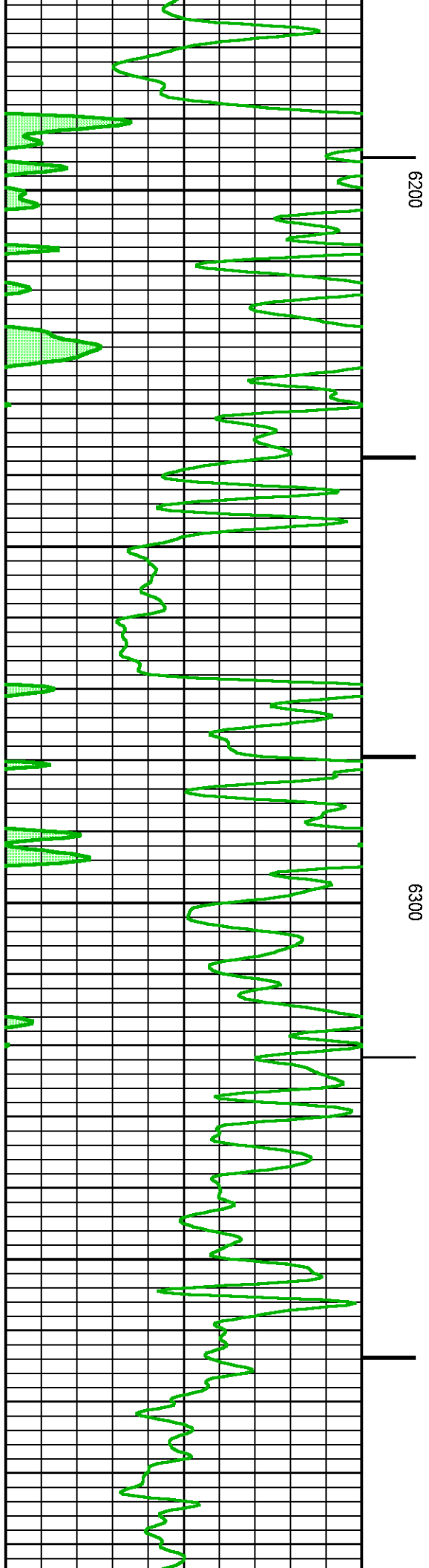
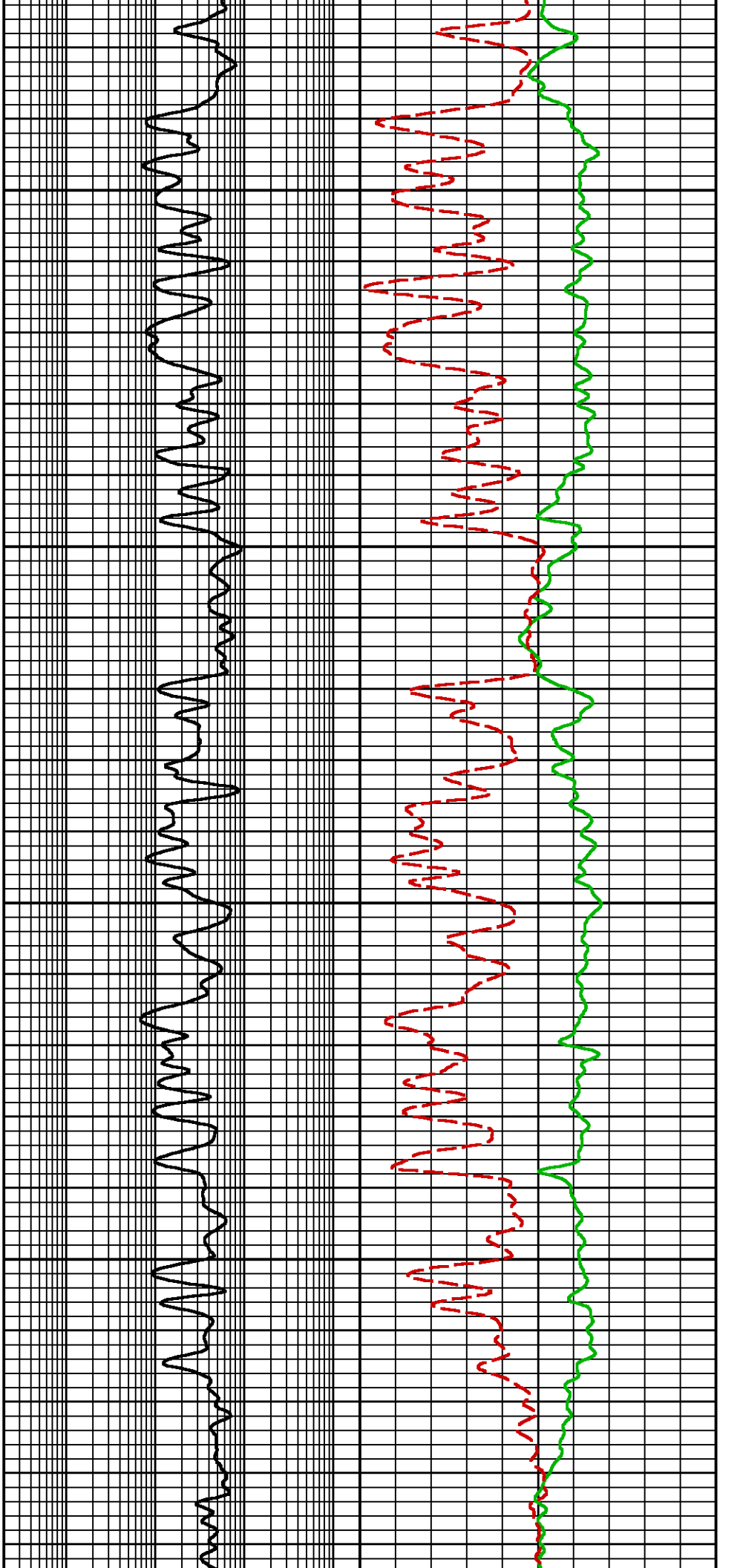


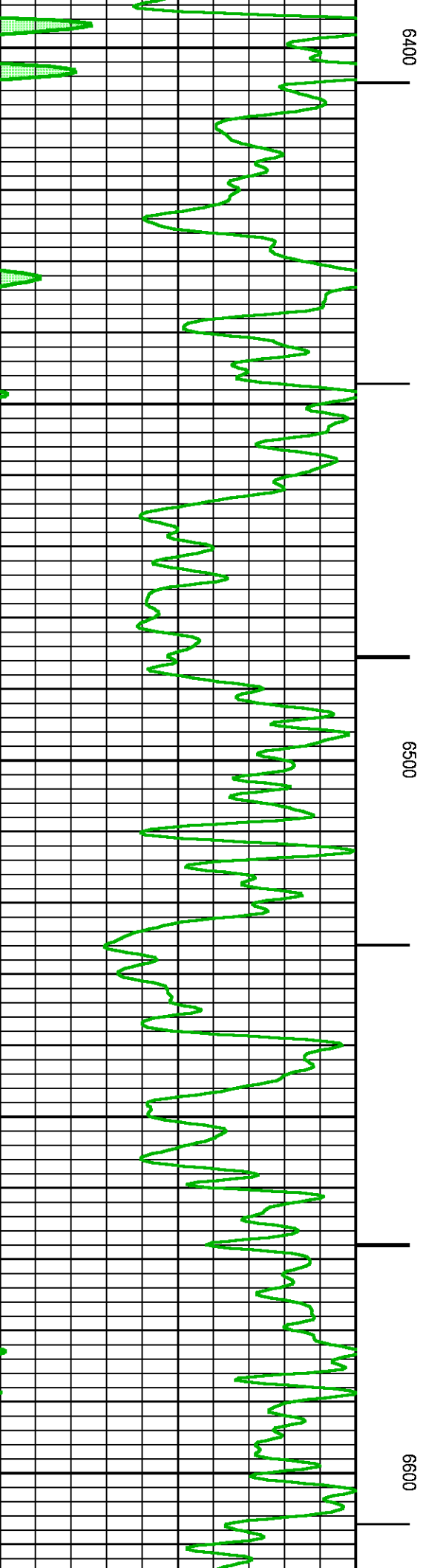
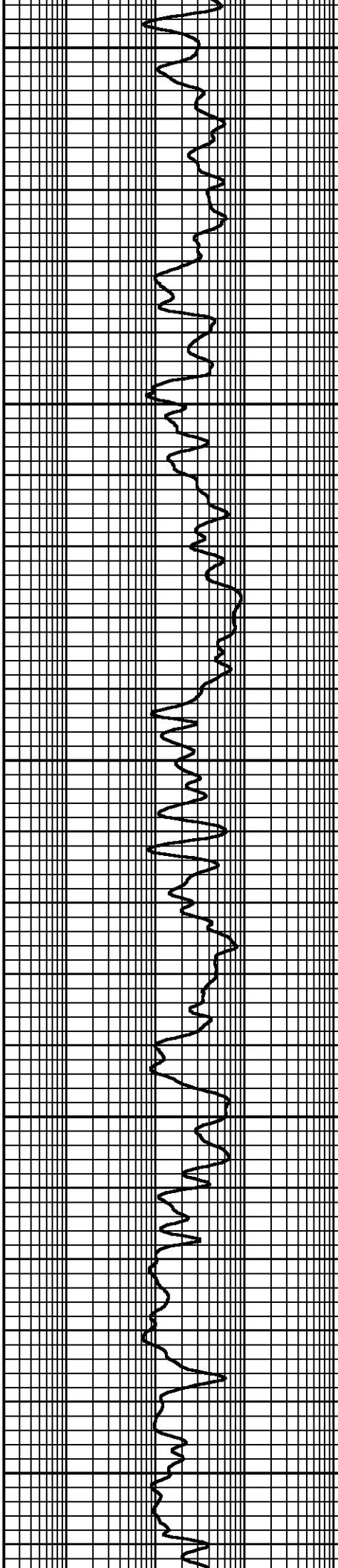
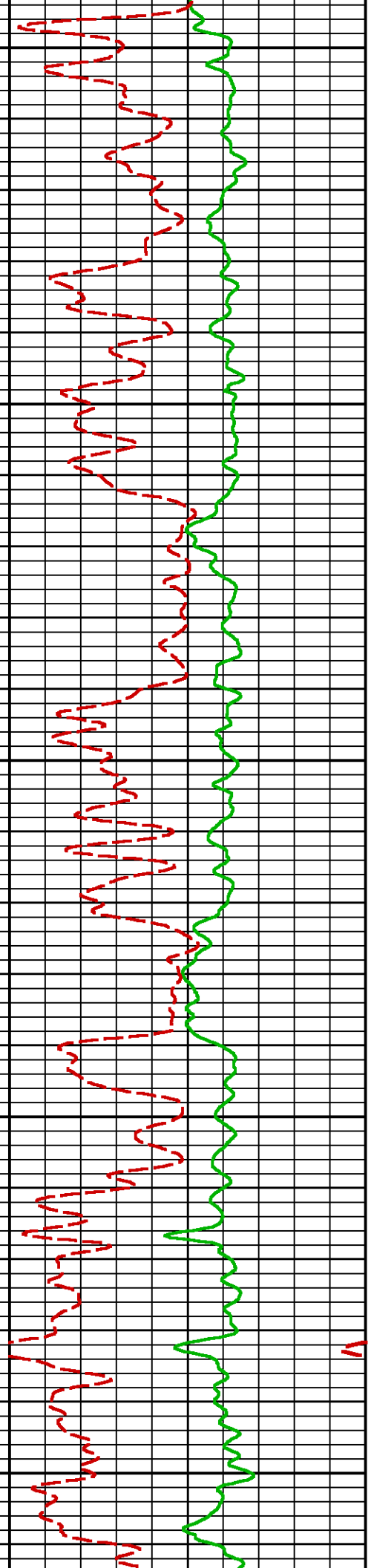


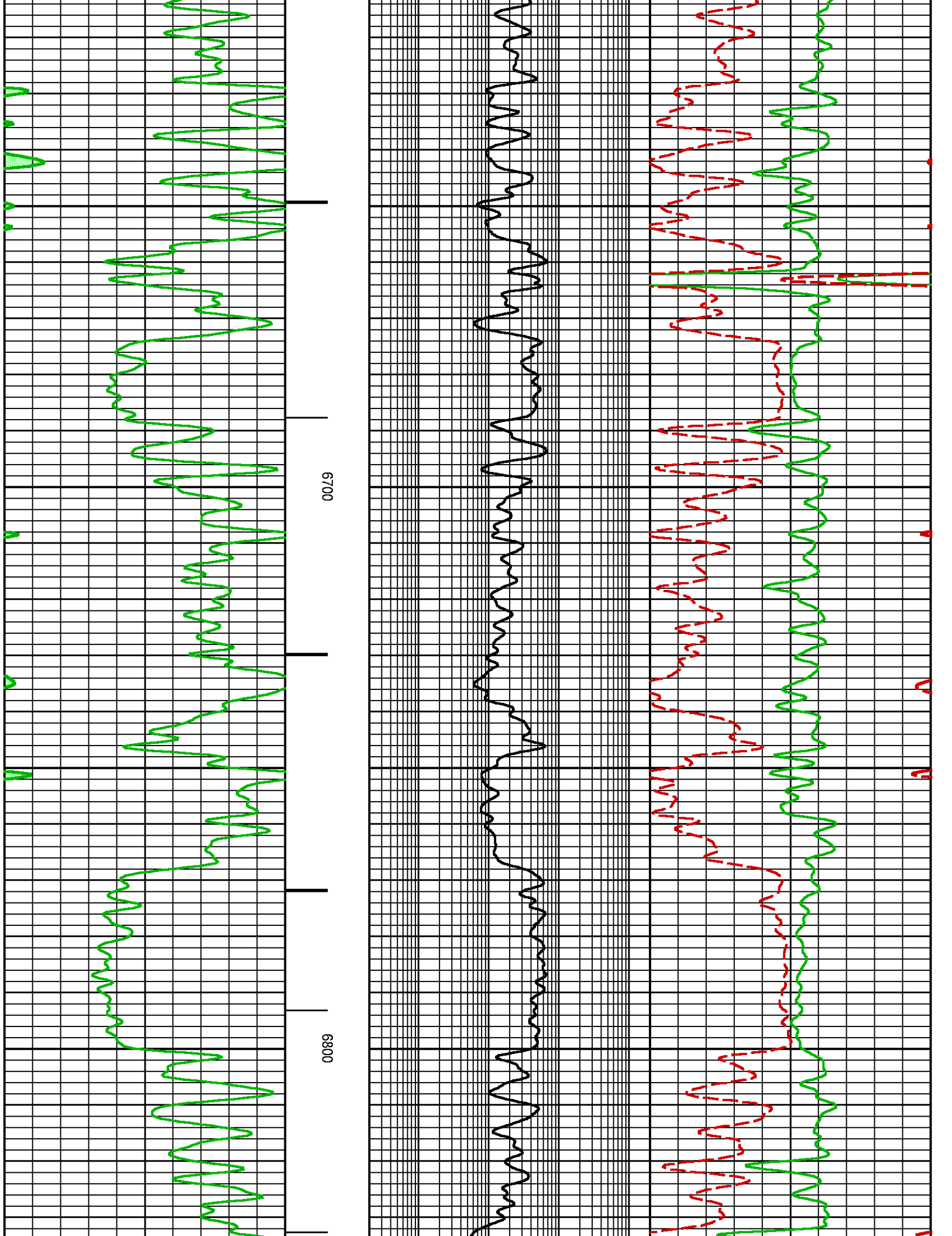


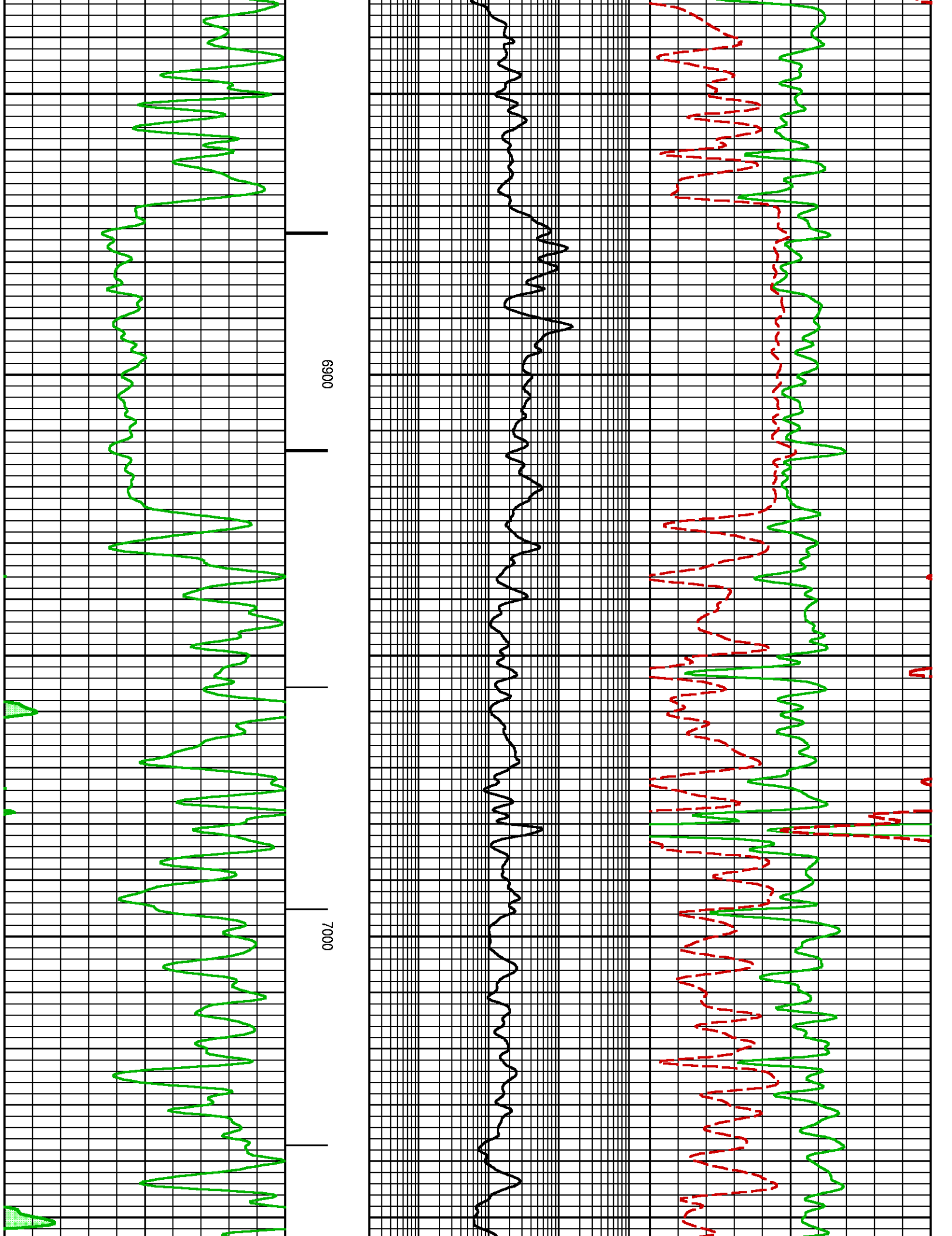


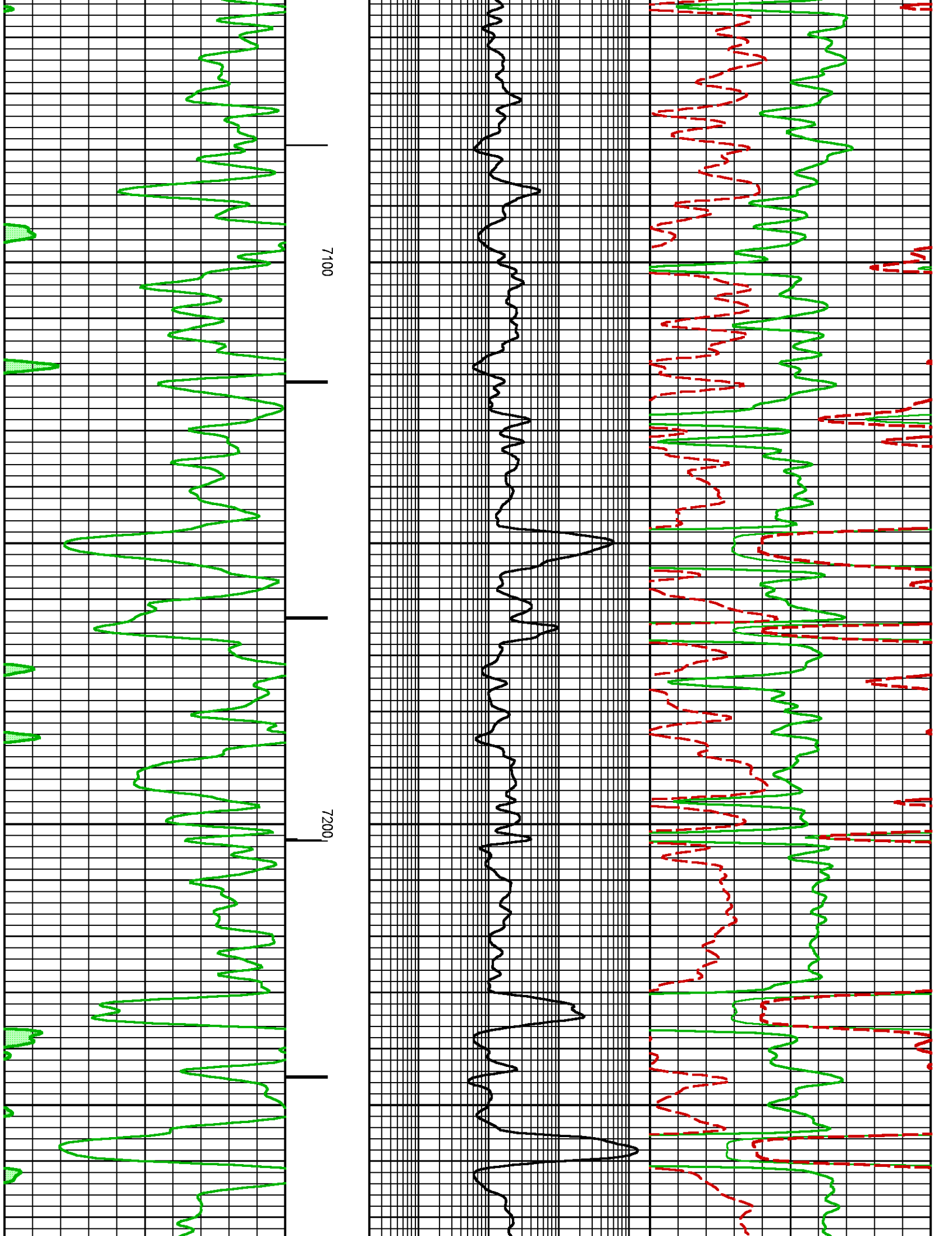


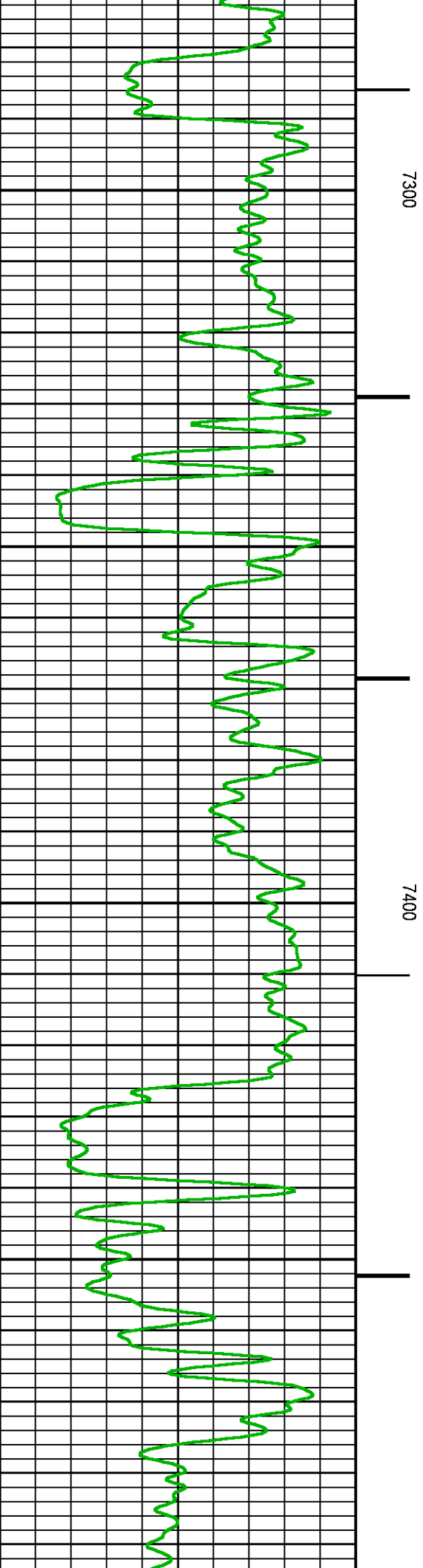
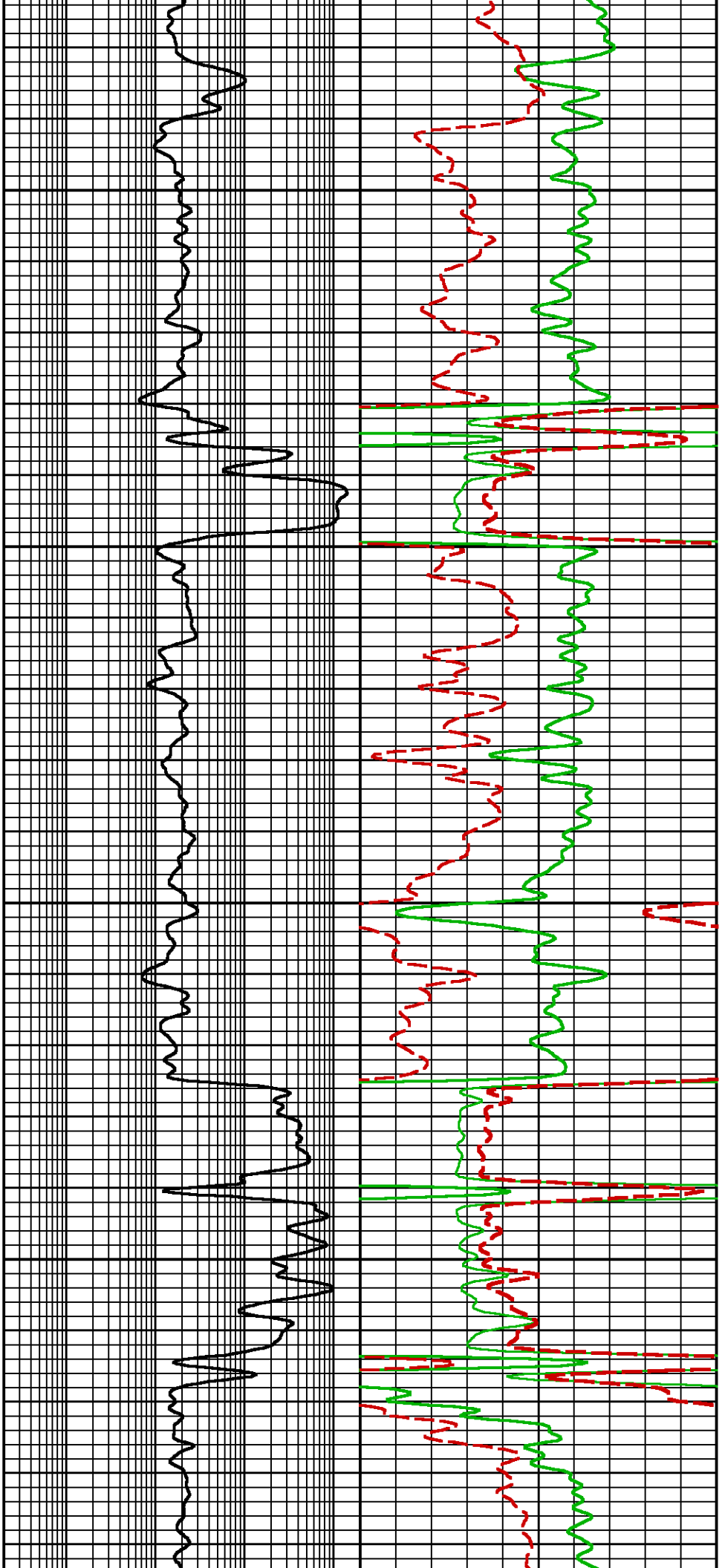


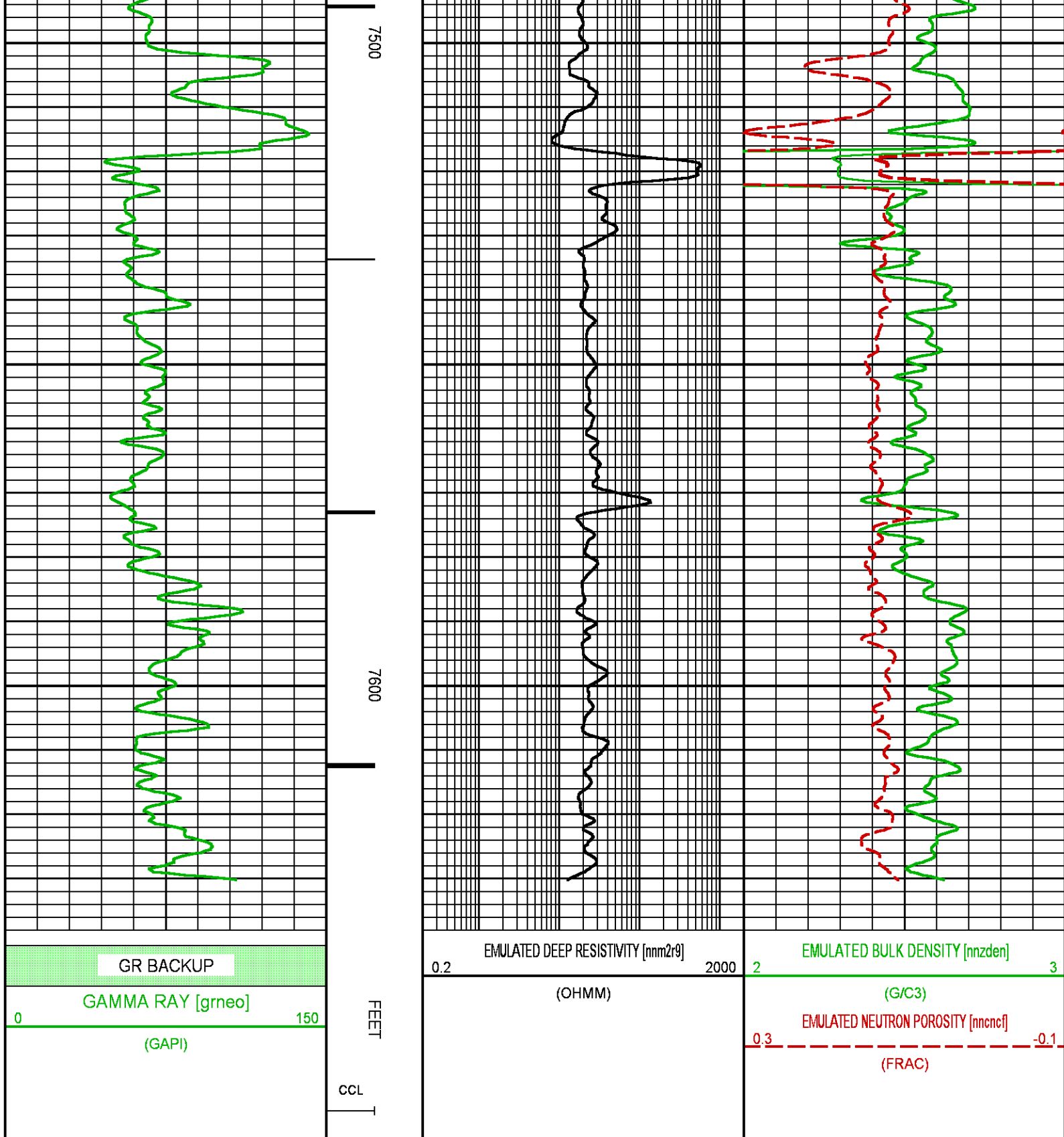












**BAKER
HUGHES**
a GE company



COMPANY
WELL
FIELD
COUNTY

LARAMIE ENERGY LLC
NICHOLS 0994-24-17W
VEGA
MESA

STATE **COLORADO**

FILE NO:

API NO:

05077103880000

LOCATION:

SEE REMARKS SECTION

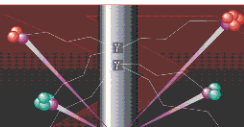
ELEVATIONS:

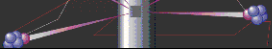
KB 7236.0 FT

DF

GI 7212.0 FT

ed Neutron
ion Evaluation





SEC 24

TWP 9S

RGE 94W

DATE

02-JUL-2018