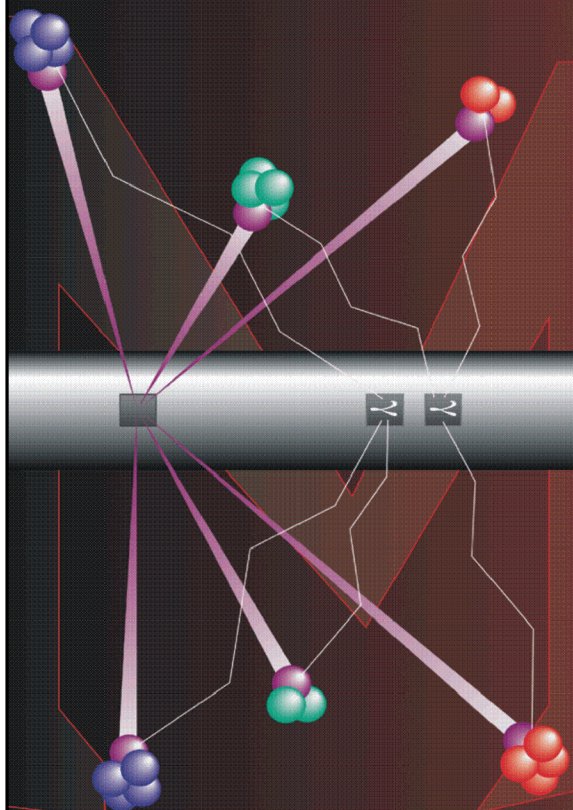




Pulsed Neutron Formation Evaluation



NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY

WELL GUNDERSON 29-08M

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS

SEC 29 TWP 9S RGE 93W

ELEVATIONS:

KB 7553 FT DF 7552 FT GL 7531 FT

DATE 19-AUG-2015 ECC 20313

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>DENVER GEOSCIENCE</u>	LOG ANALYST: <u>KARIM SABAA</u>	DATE: <u>19-AUG-2015</u>	
FIELD DATA	LOCATION: <u>GRAND JCT</u>	ENGINEER: <u>P. EDWARDS/ 098110</u>	DATE: <u>31-JUL-2015</u>	
FROM	TO			
<u>2570 FT</u>	<u>3174 FT</u>			
<u>4594 FT</u>	<u>7776 FT</u>			

REMARKS

LOCATION: PAD 29-09
SHL: 2405' FNL & 1229' FEL
BHL: 1900' FSL & 2609' FEL

ANALYST: KARIM SABAA
REVIEWED BY: FRED REINITZ

TRAINING WELL: GUNDERSON 29-11E

ANY ERROR IN THE TRAINING WELL OPEN HOLE DATA CAN PERPETUATE THOROUGH AS AN

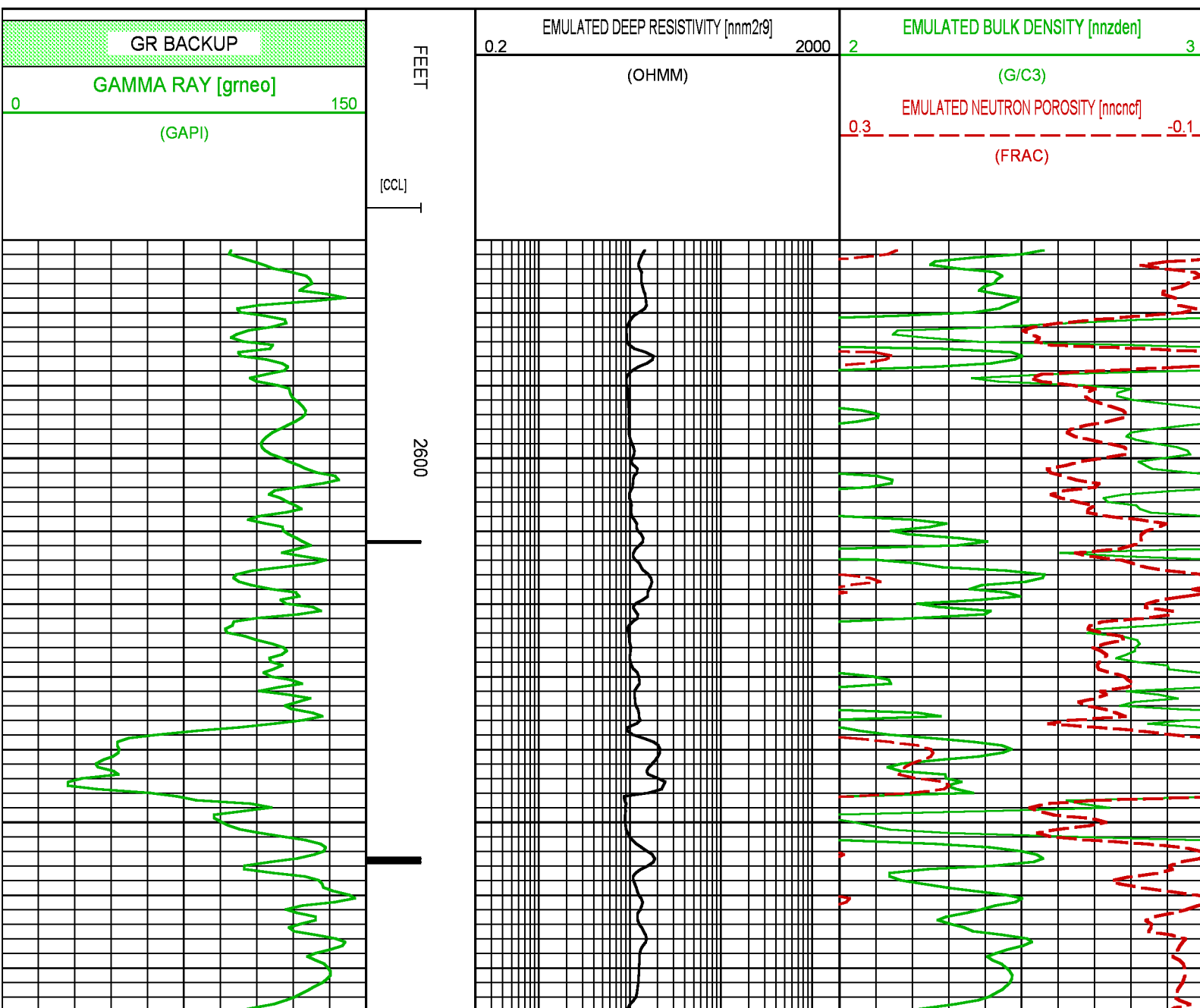
NEO RESULTS FOR GUNDERSON 29-08M (GSAND)

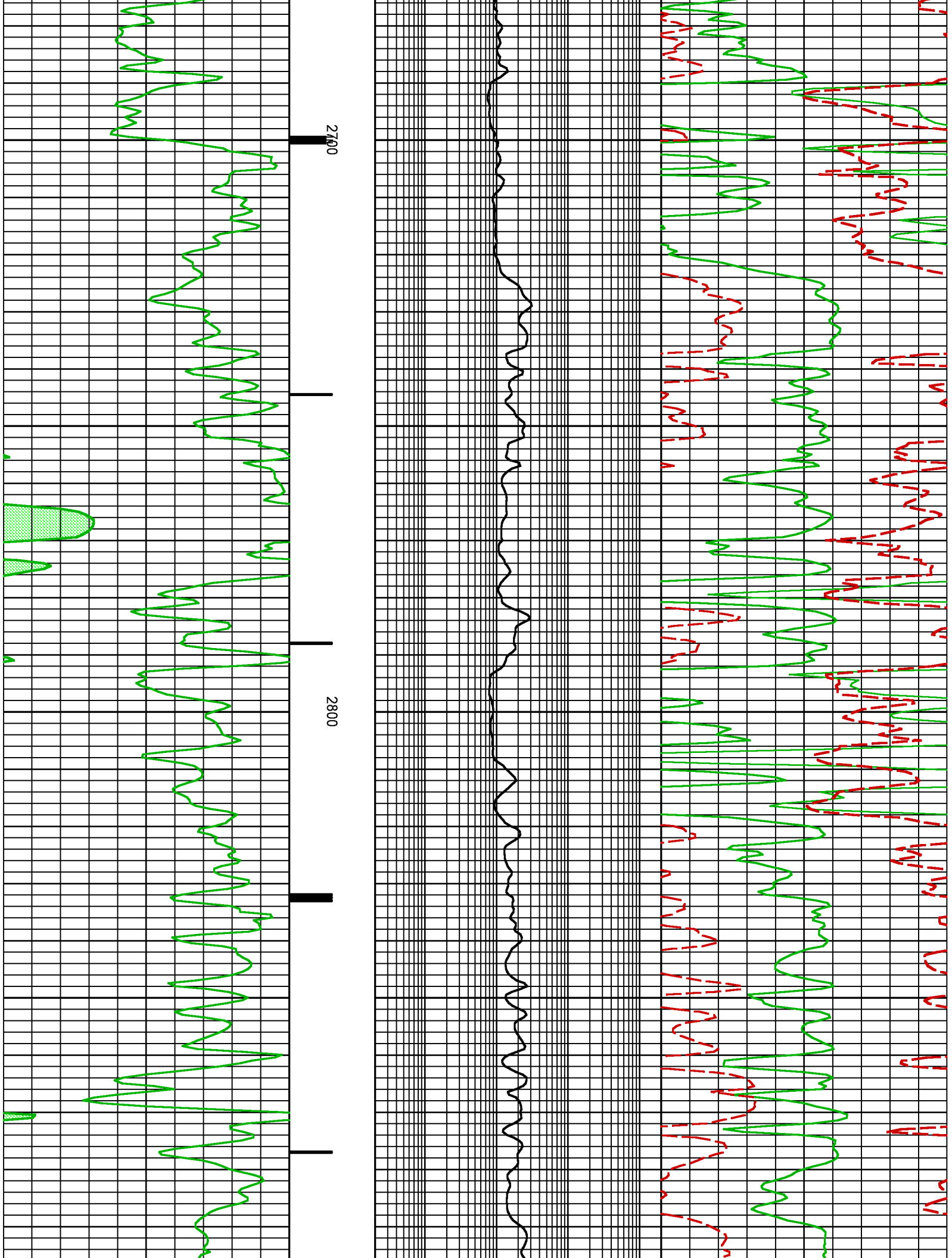
ECLIPS EC PLOT 6.2 ECLIPS Plotting & Post-Processing Mon 11/17/2014 14:36:44.29

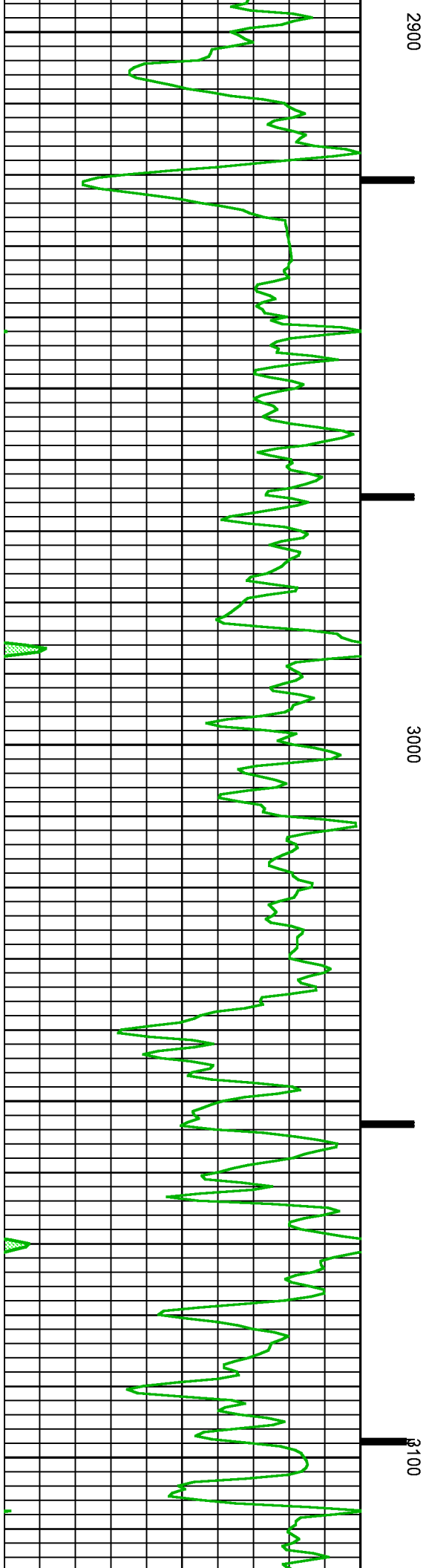
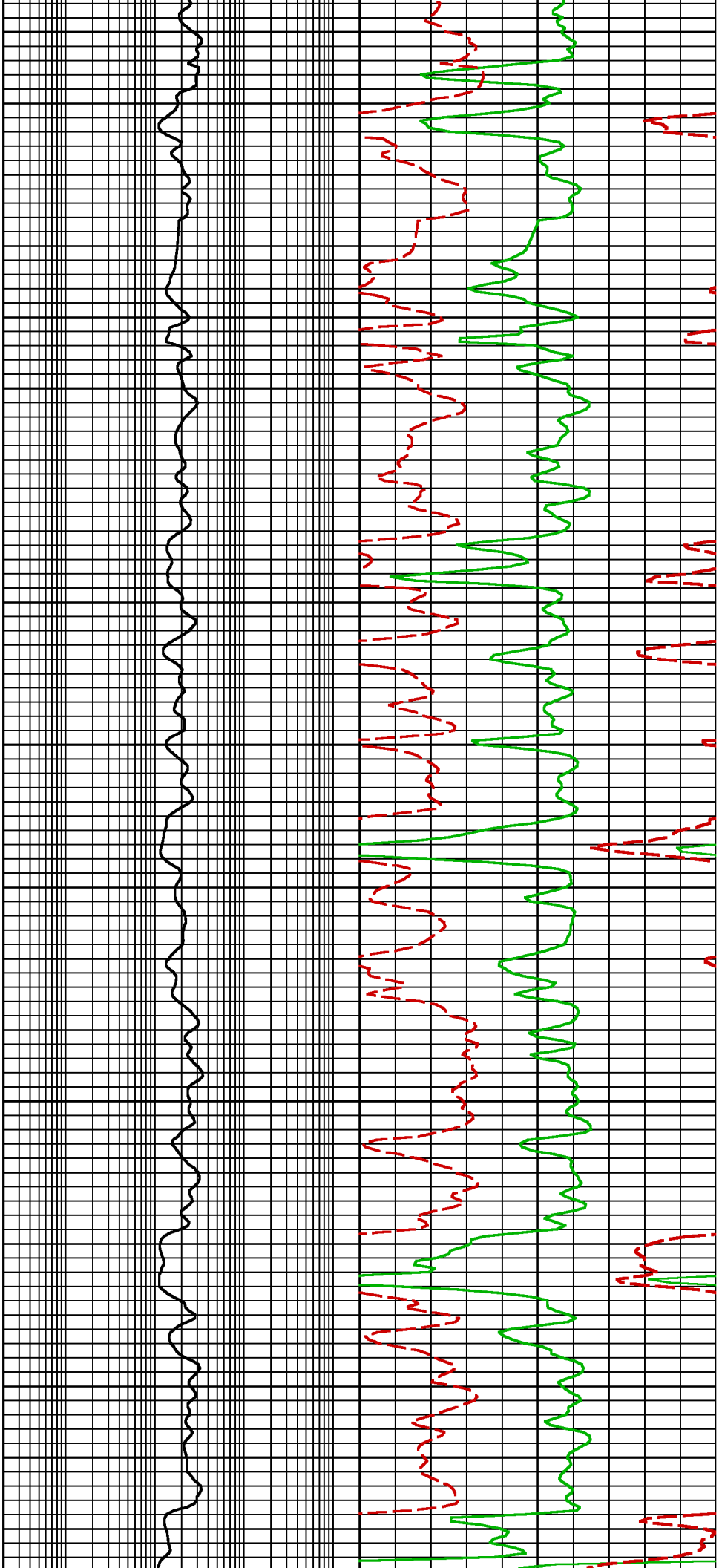
Plotted: Wed Aug 19 15:10:04 2015

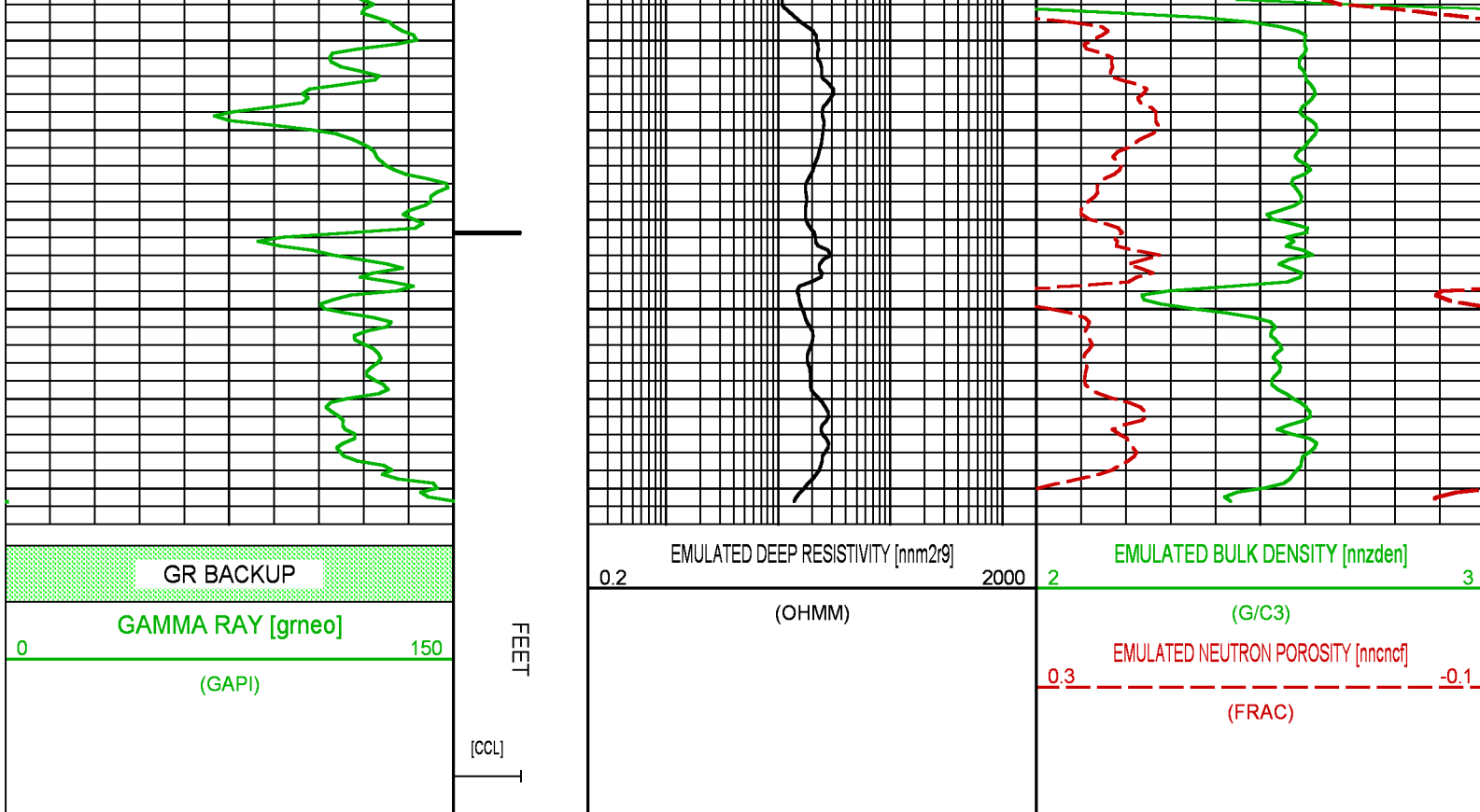
CURVE MEASURE POINT OFFSET

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				









NEO RESULTS FOR GUNDERSON 29-08M (MAIN)

ECLIPS EC PLOT 6.2 ECLIPS Plotting & Post-Processing Mon 11/17/2014 14:36:44.29

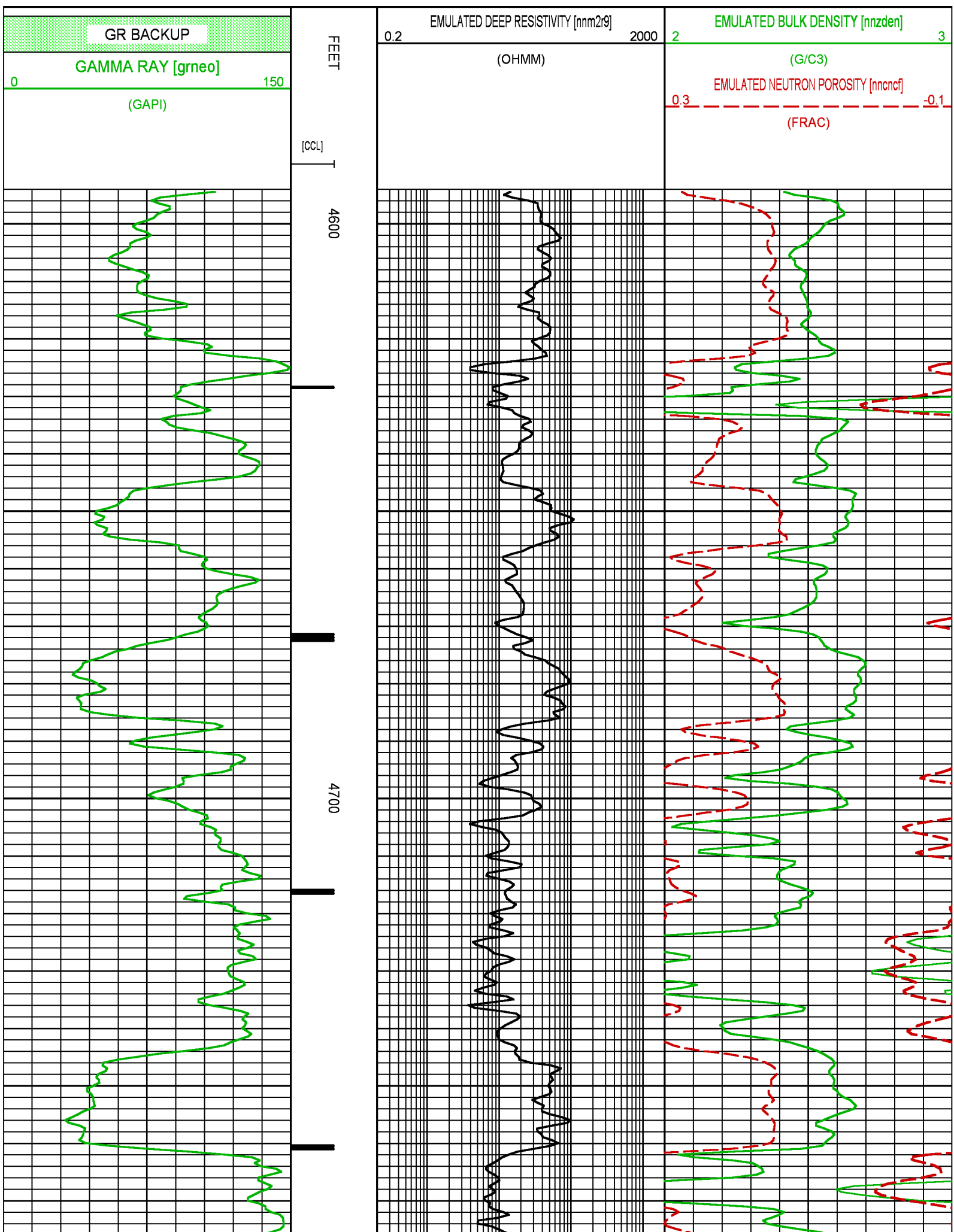
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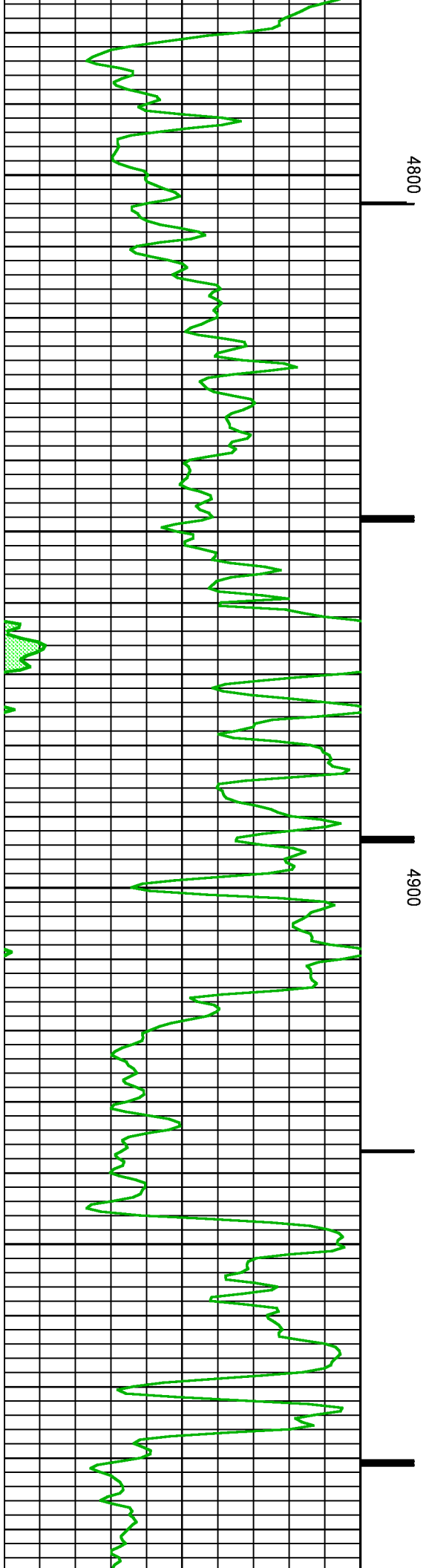
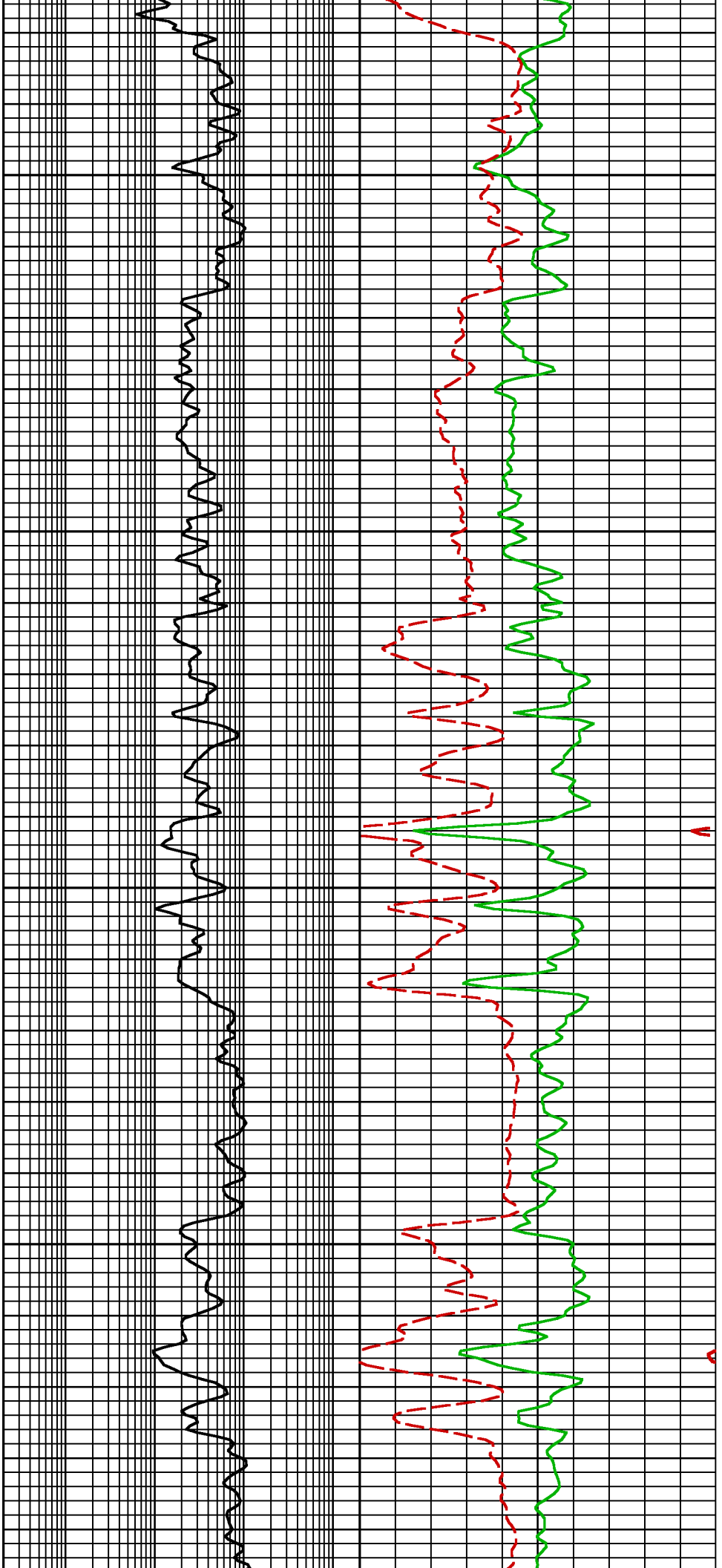
CURVE MEASURE POINT OFFSET

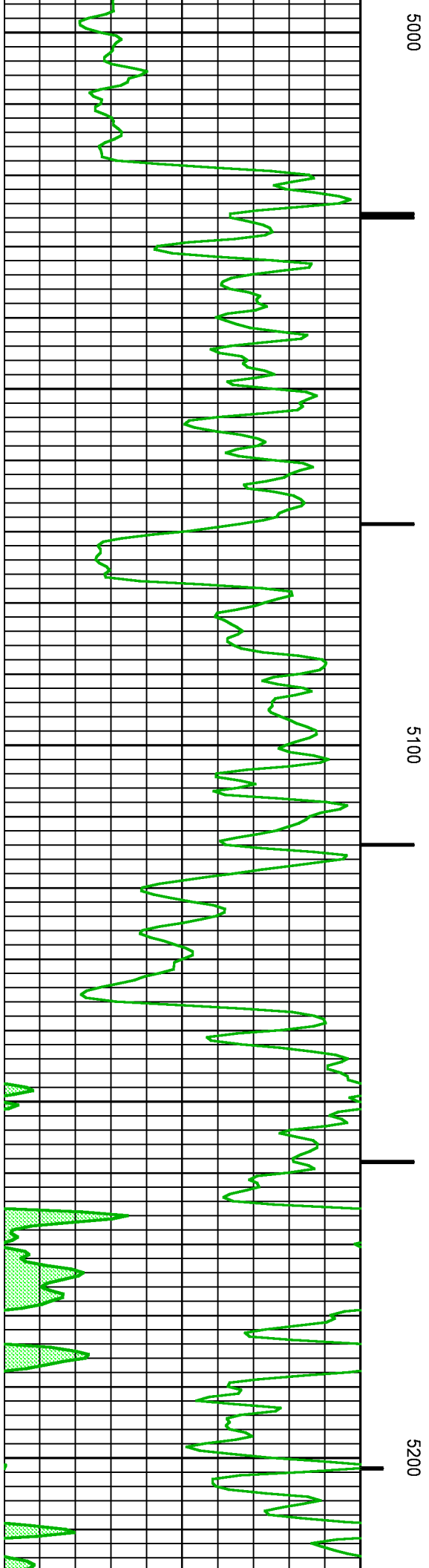
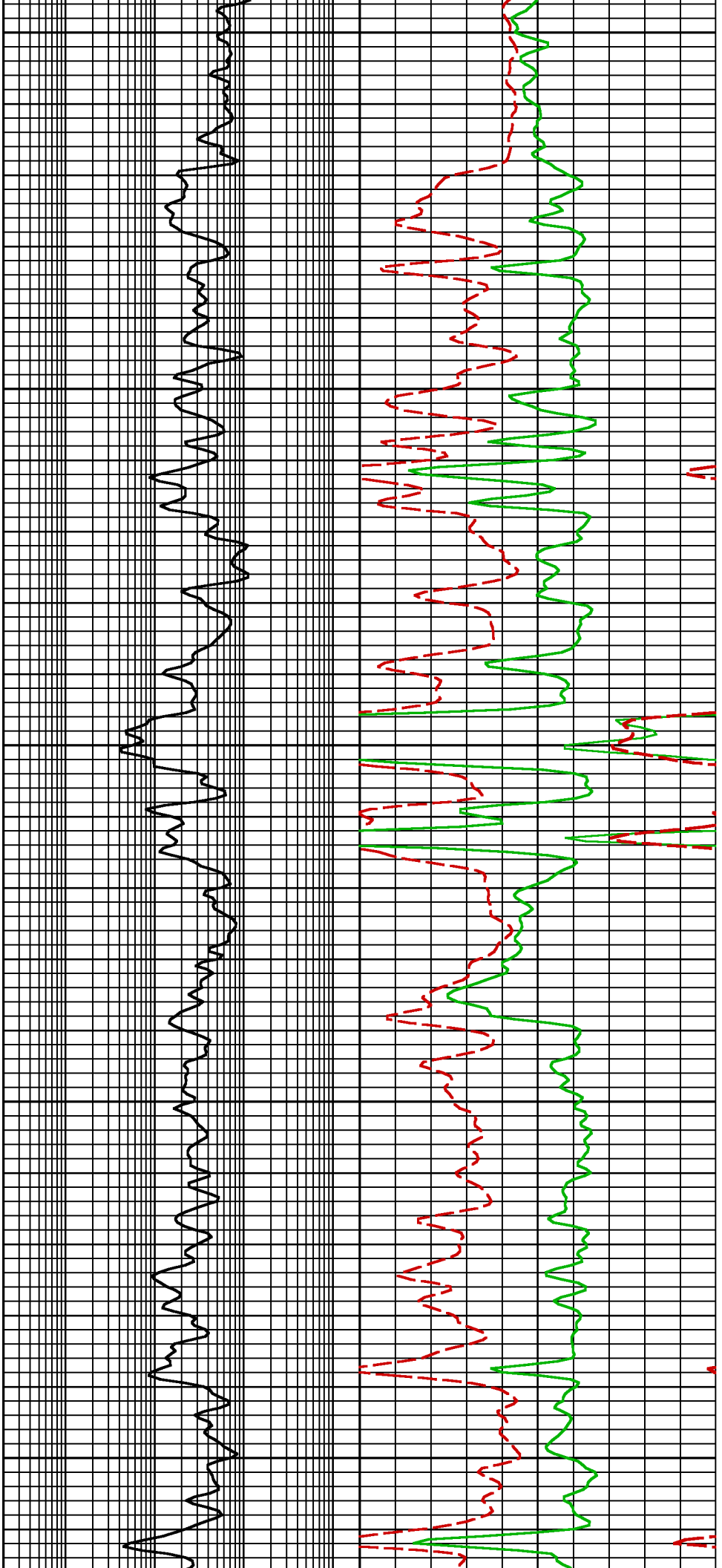
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNCf	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

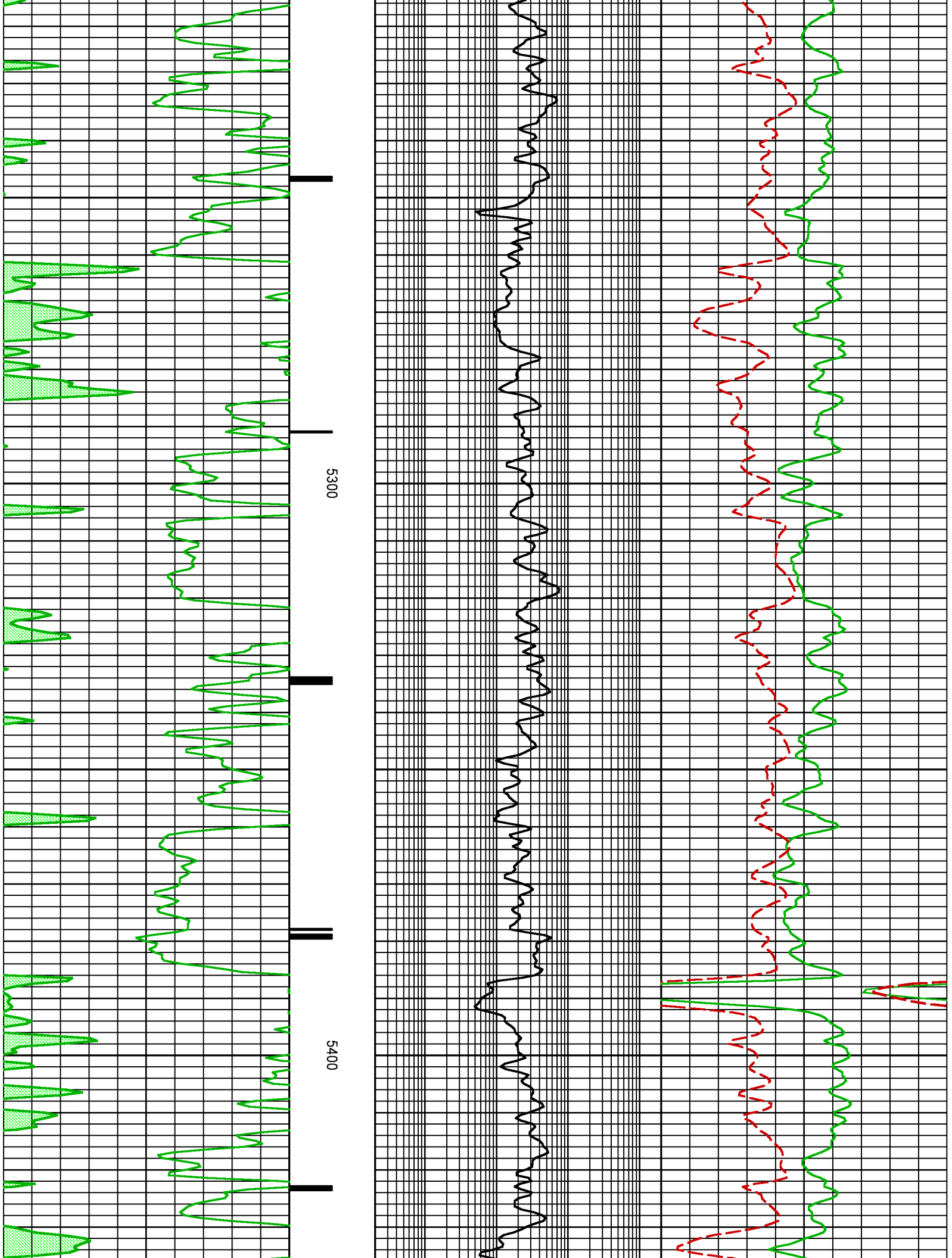
Project : NA
User : elgokars
Presentation : BHIG75CM12:C:\Ape_Projects\GUNDERSON_29_8M_NEO\NEO_PRESENTATION+GUNDERSON 29-08M_Merged_Set_FINAL.fvpdf [5"/100' Scale]
Plot Interval : 4594 - 7776 Feet
Data File 1 : F1 : BHIG75CM12:C:\Ape_Projects\GUNDERSON_29_8M_NEO\GUNDERSON 29-08M_Merged_Set_FINAL.xtf
Created On : Aug 19 15:08:00 2015
Company : LARAMIE ENERGY
Well : GUNDERSON 29-08M
Field : VEGA
File Interval : 2571.5 - 7775.5 Feet
OCT : NA

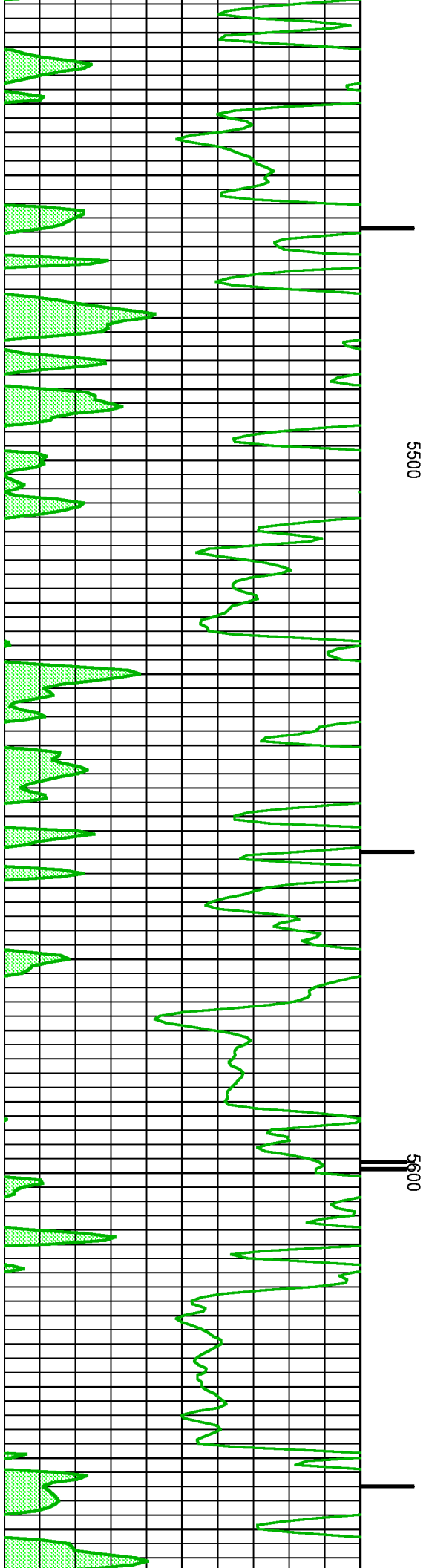
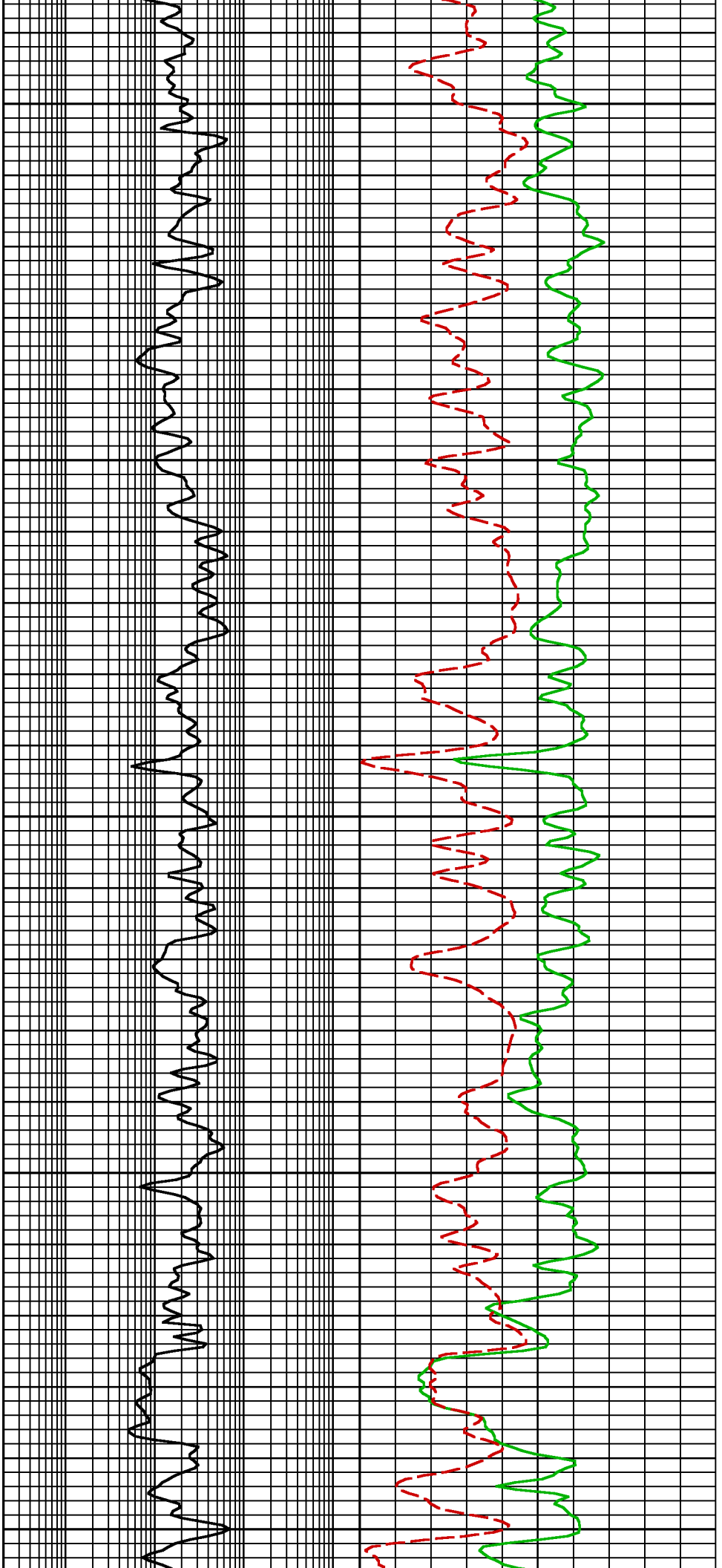
Data File 2 : F2 : BHIG75CM12:C:\Ape_Projects\GUNDERSON_29_8M_NEO\GUNDERSON_29_08M_CBL.xtf
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Company : LARAMIE ENERGY
Well : GUNDERSON 29-08M
Field : VEGA
File Interval : 6 - 7798

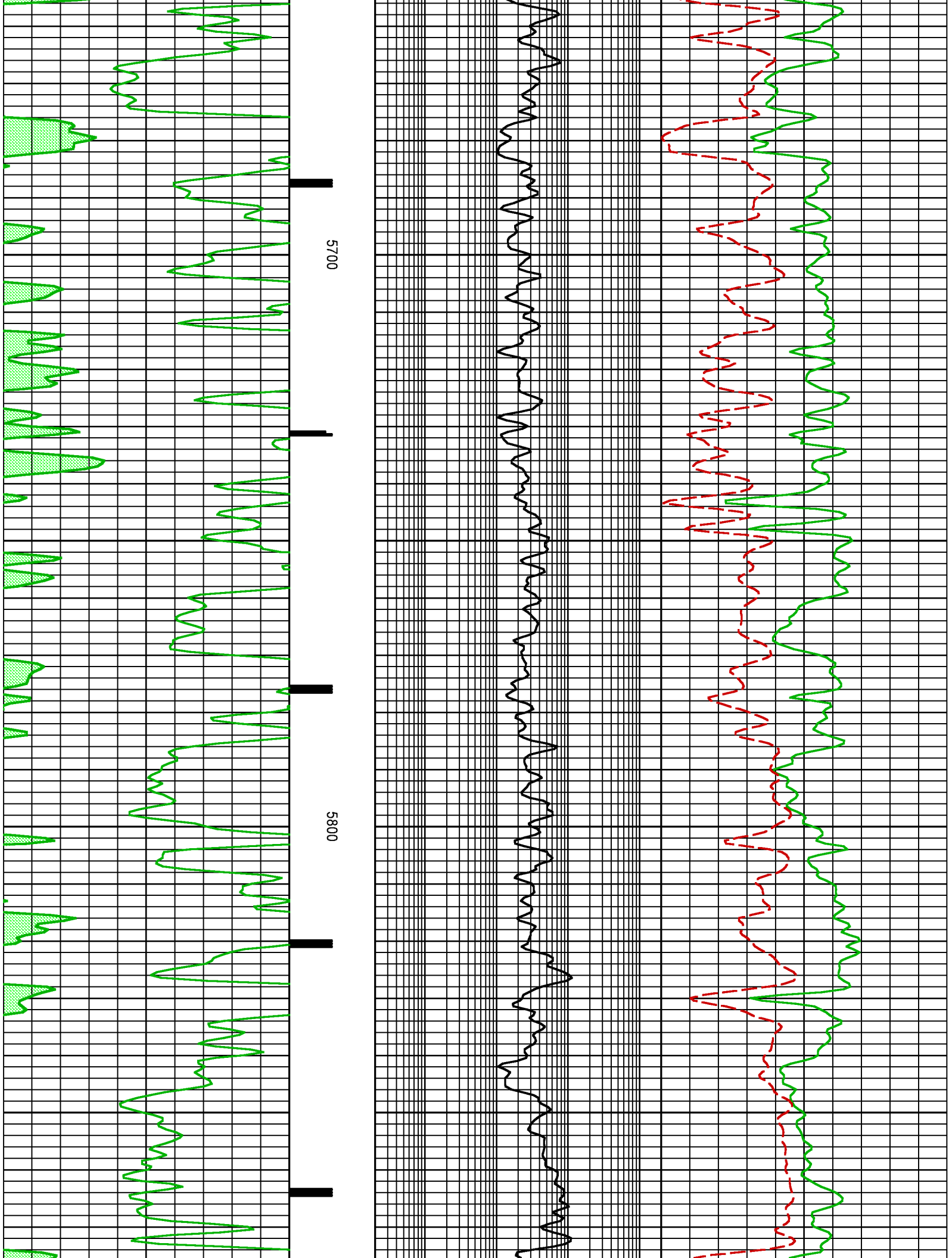


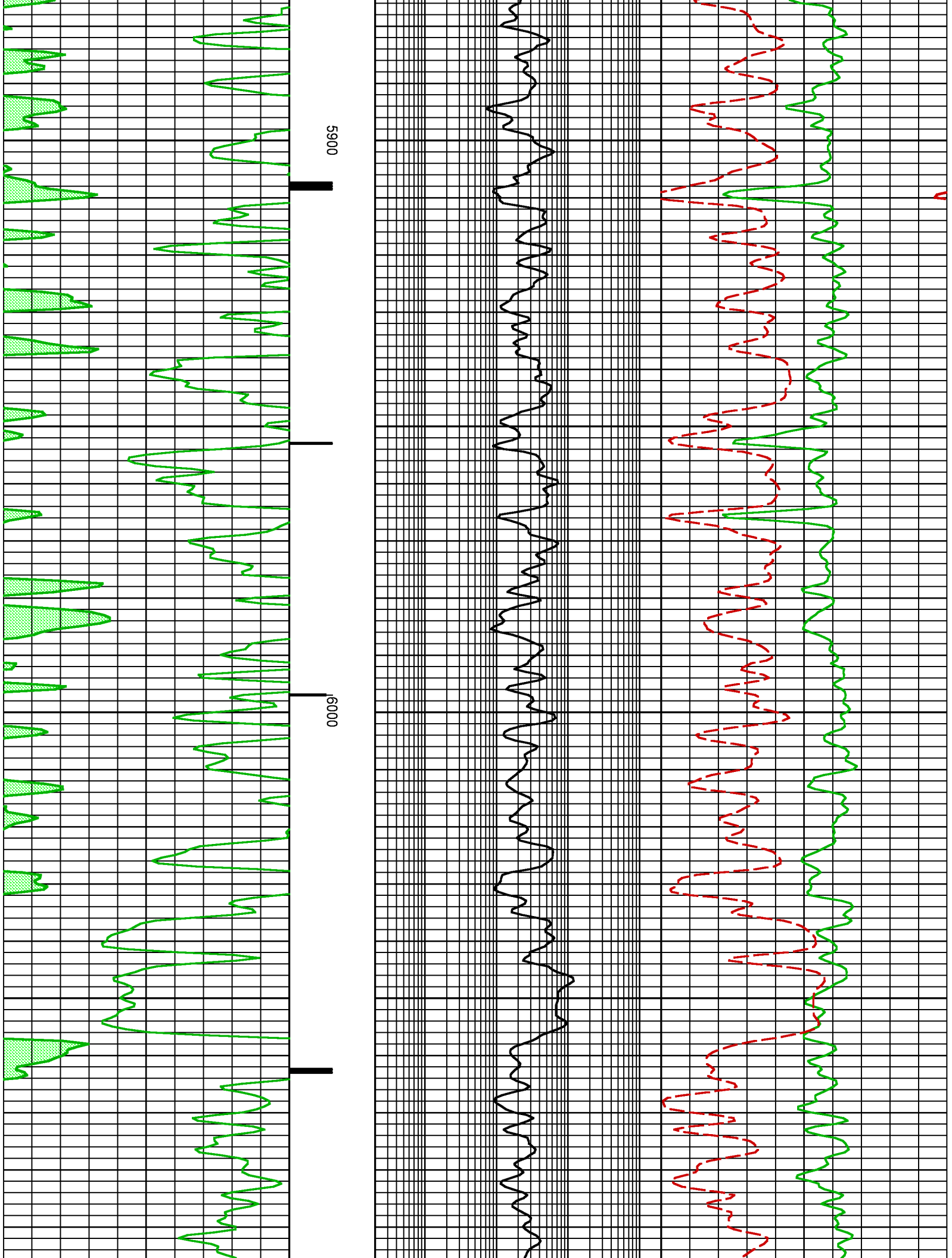


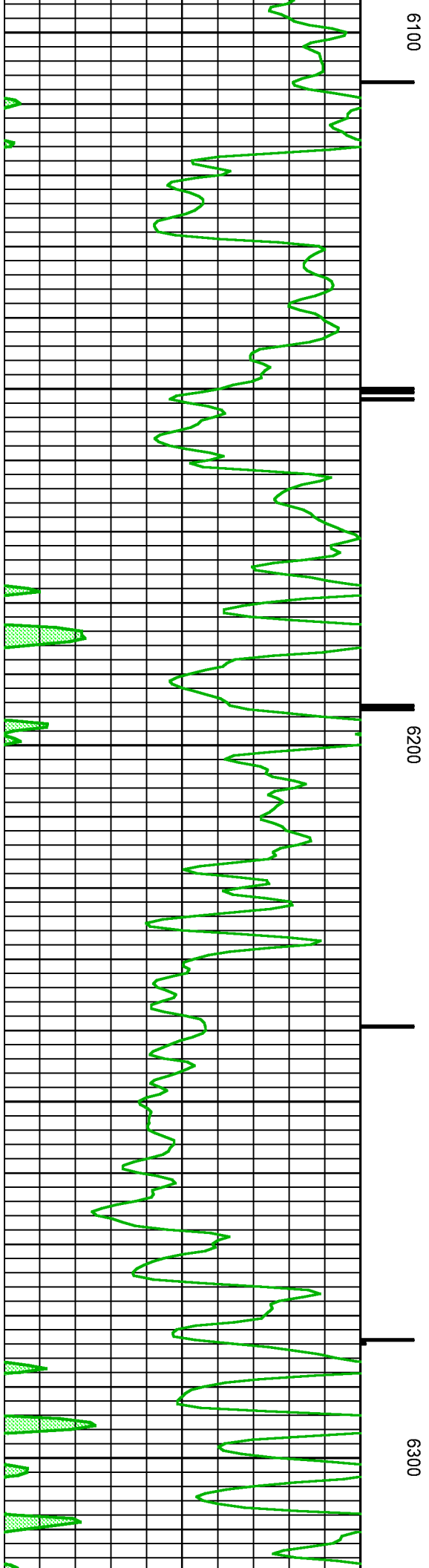
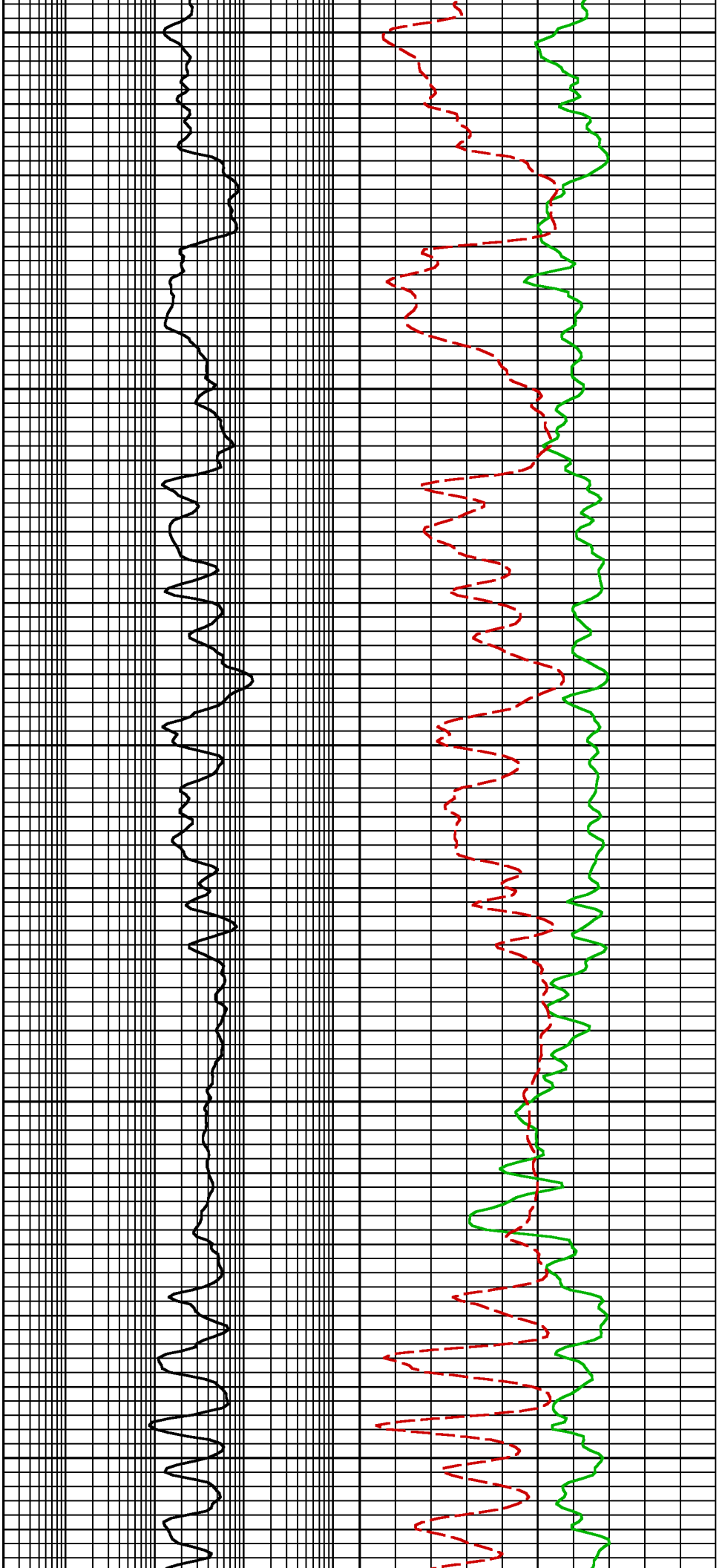


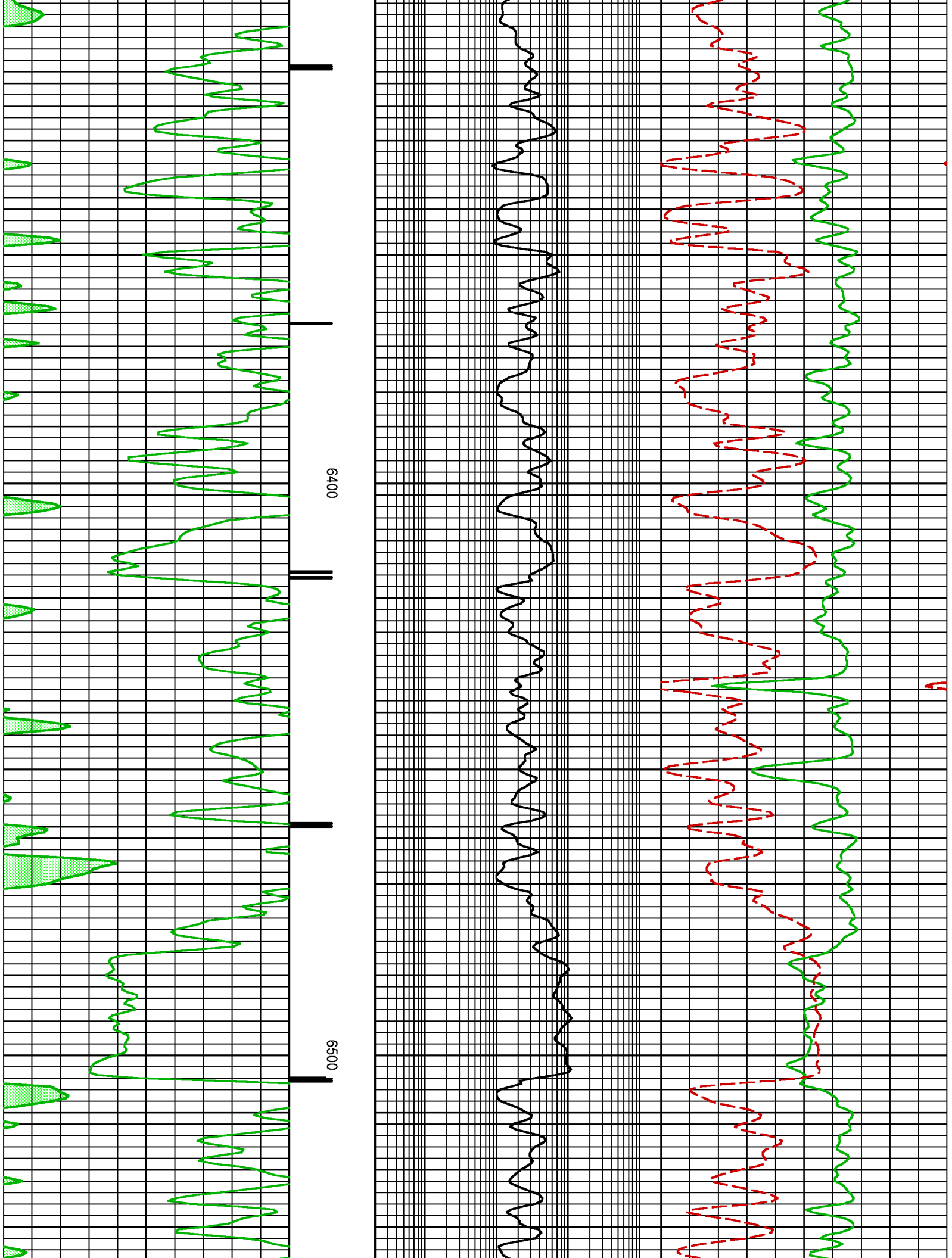


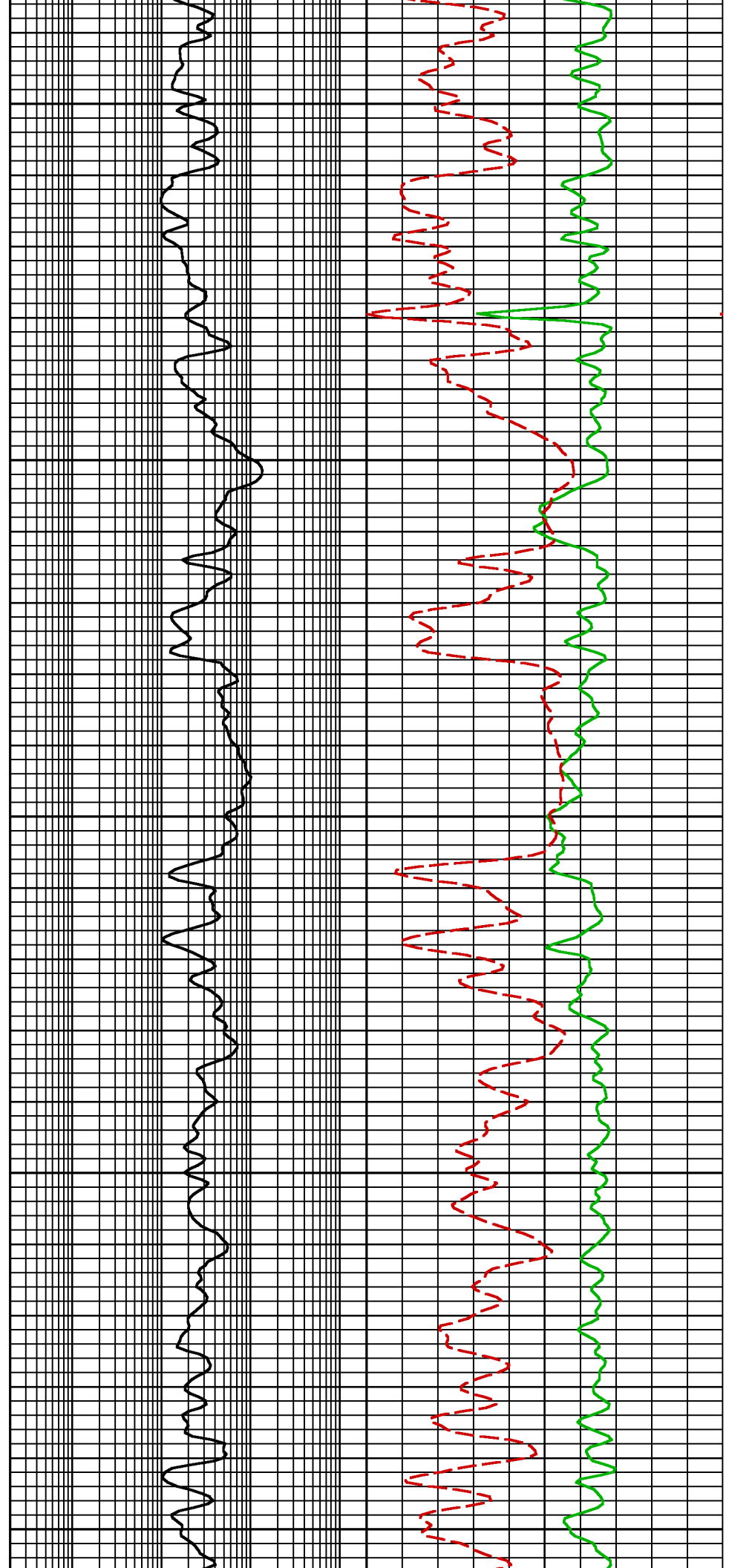
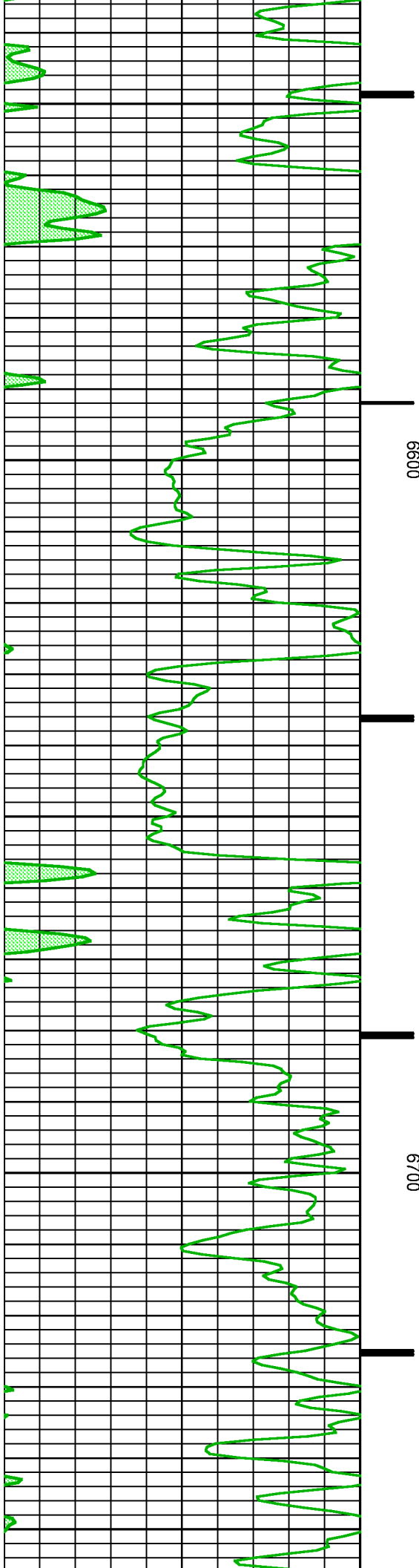


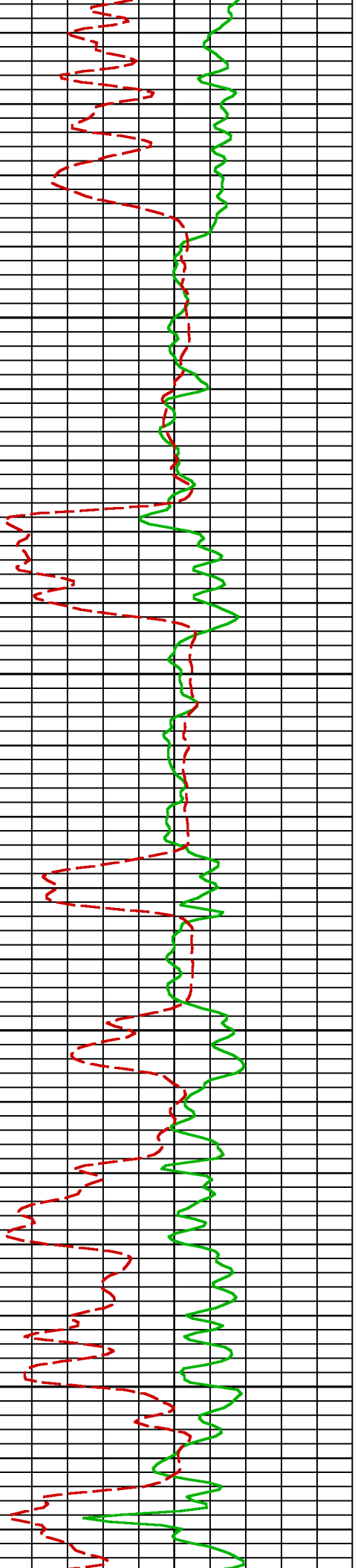
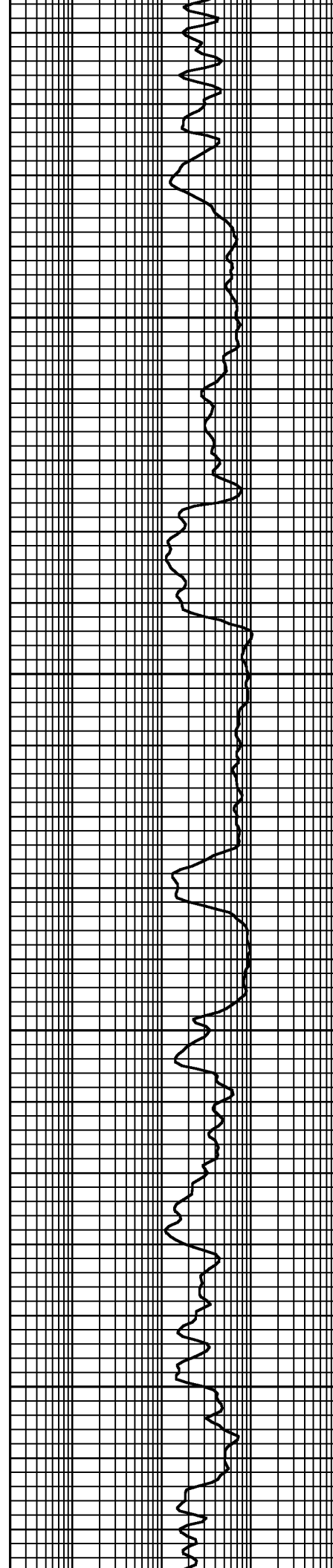
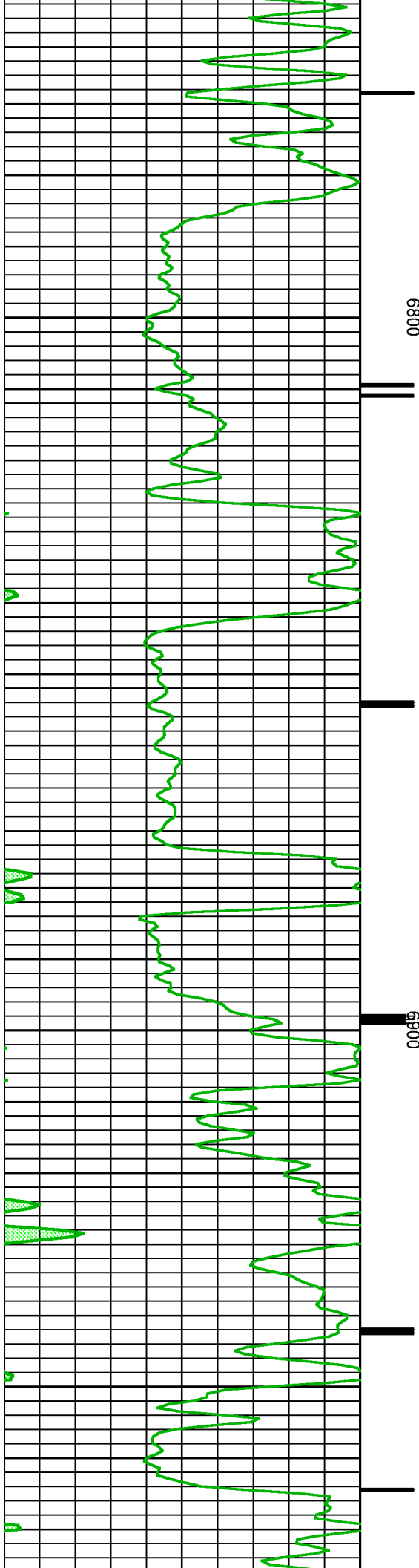


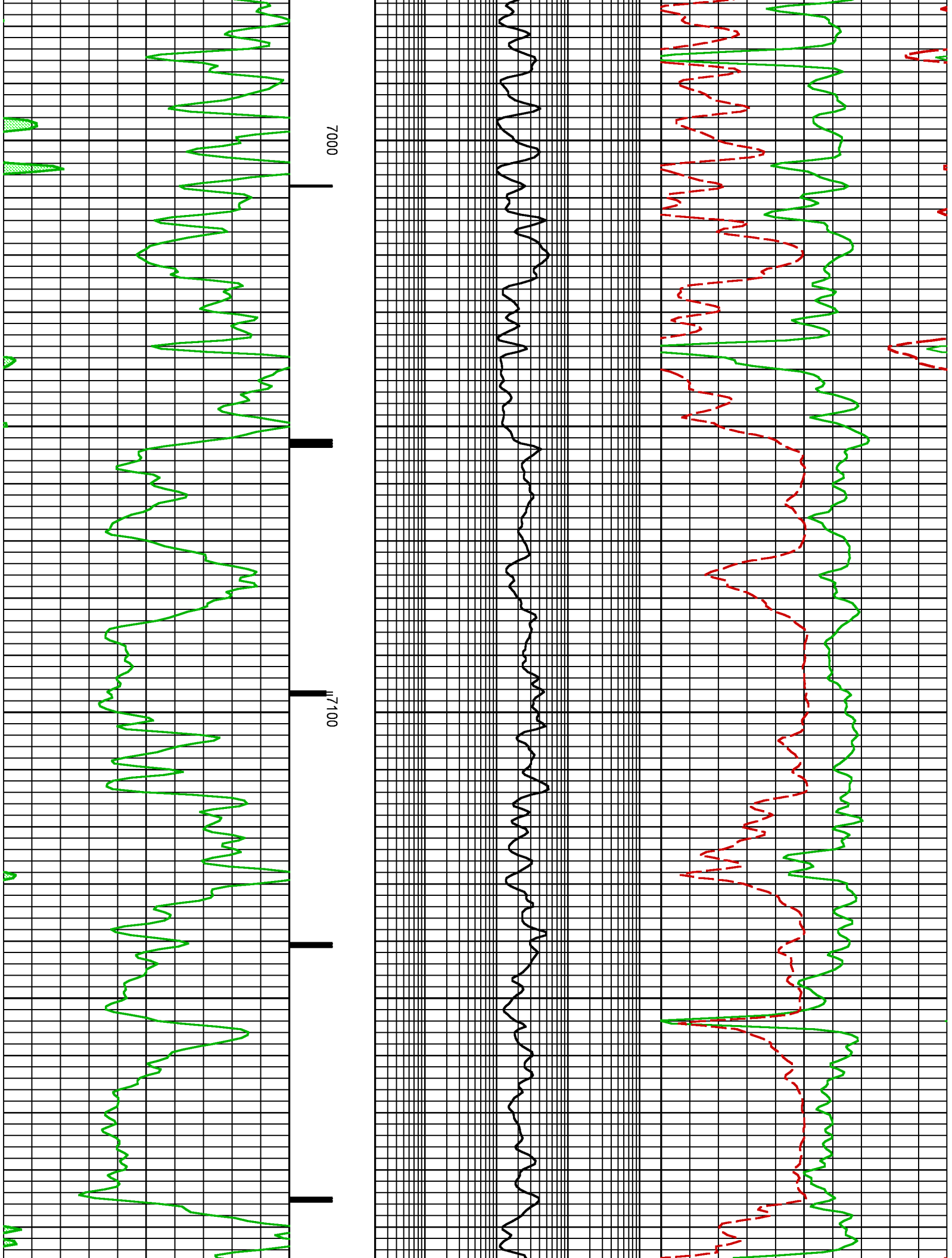


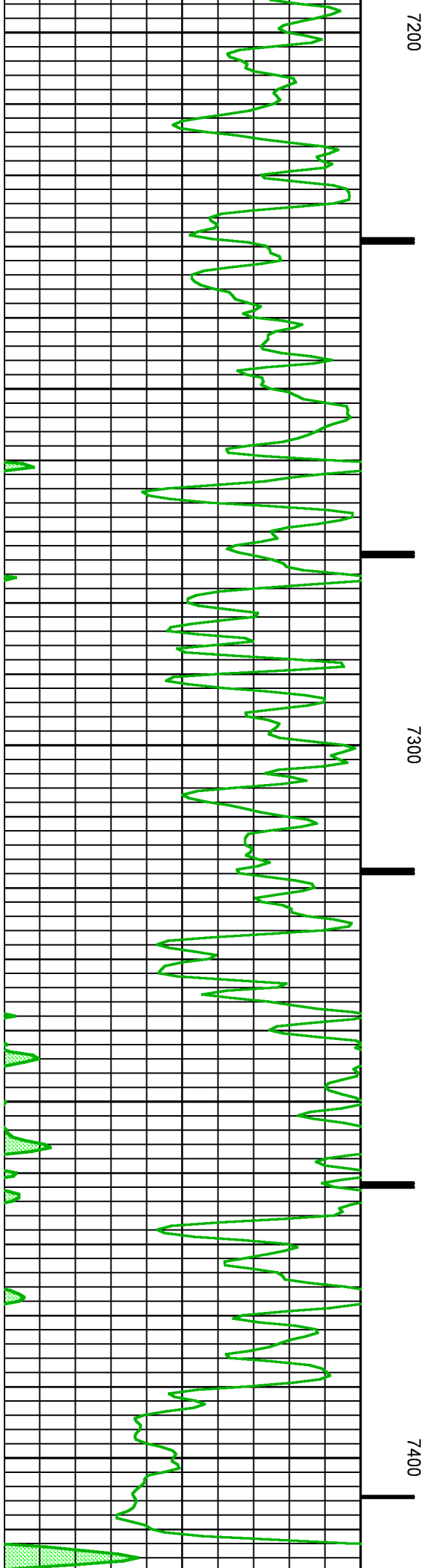
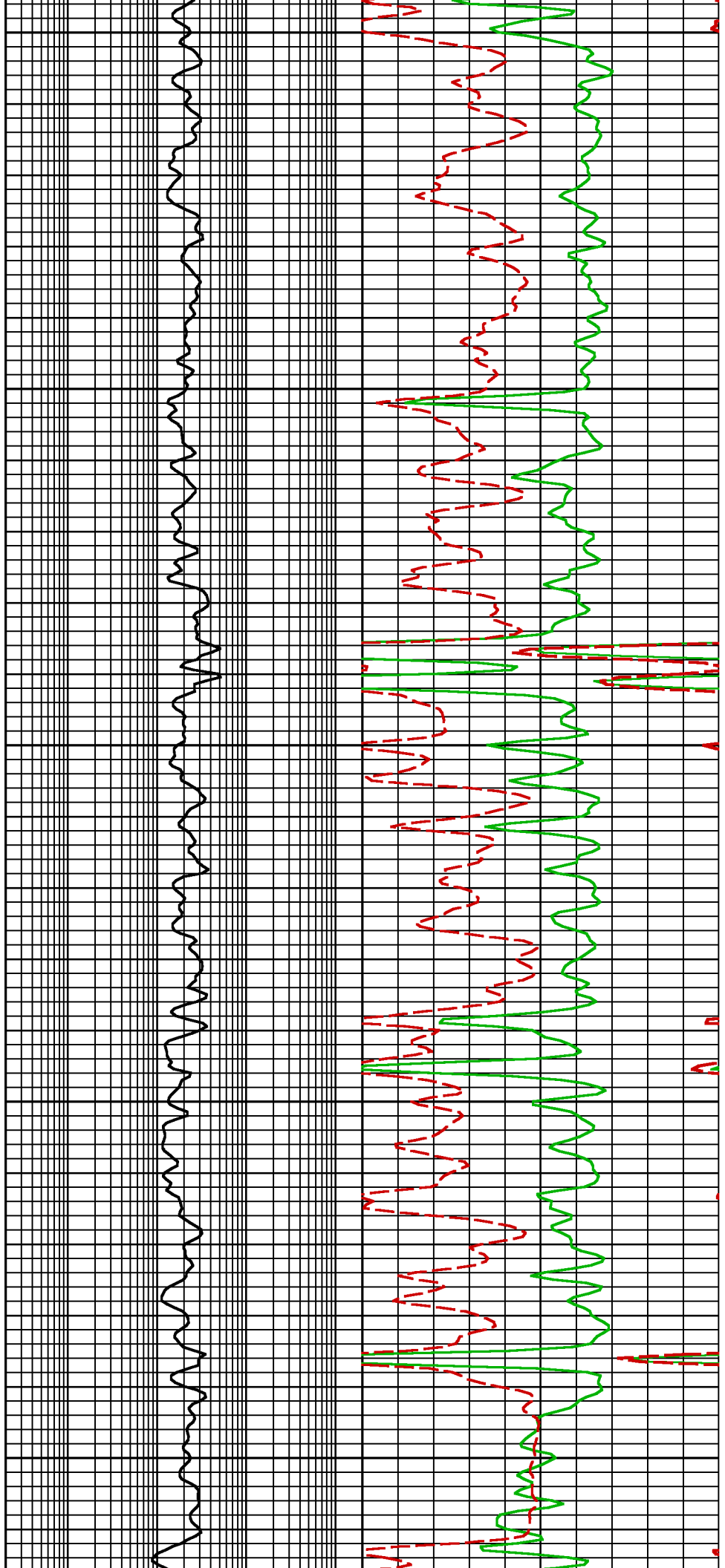


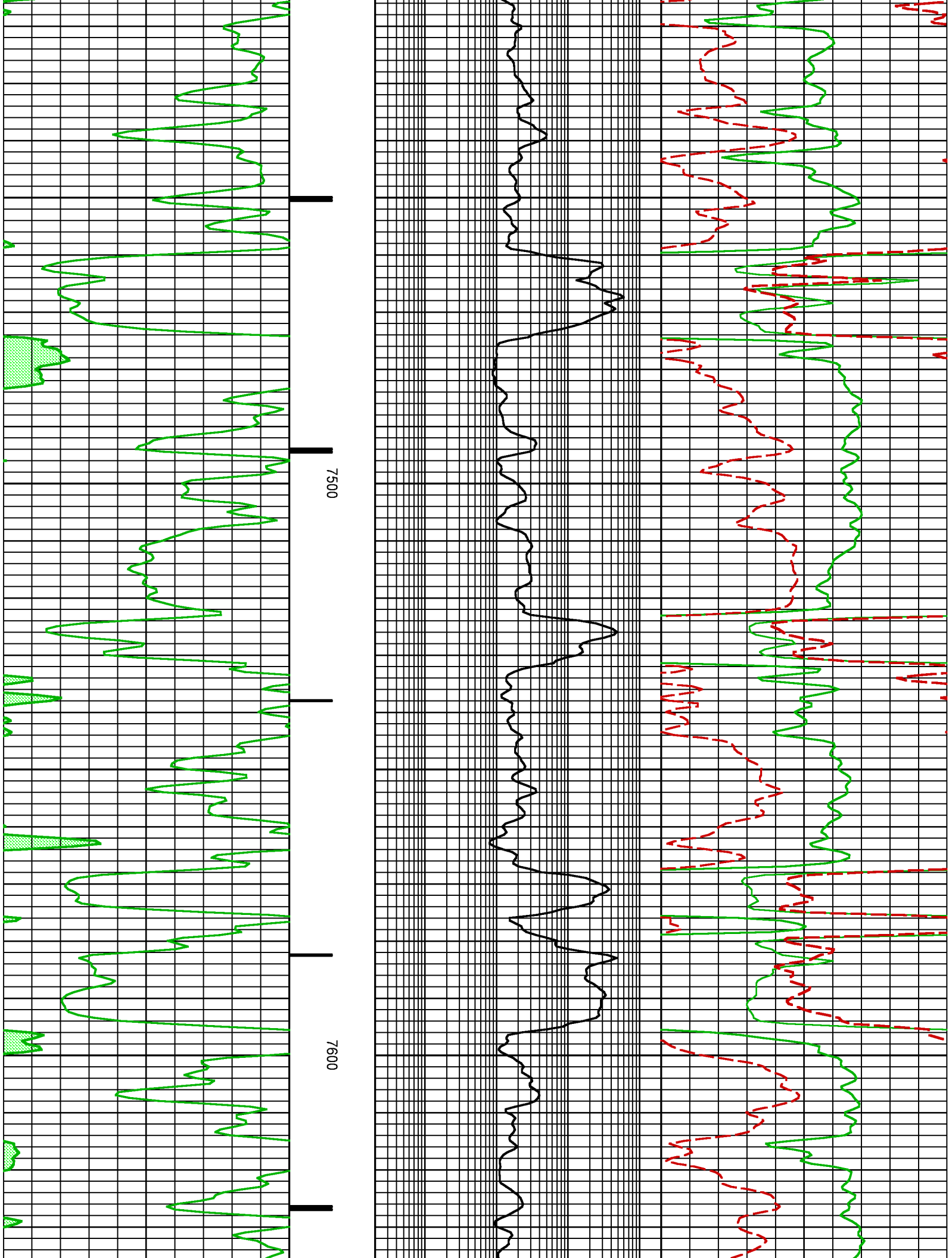


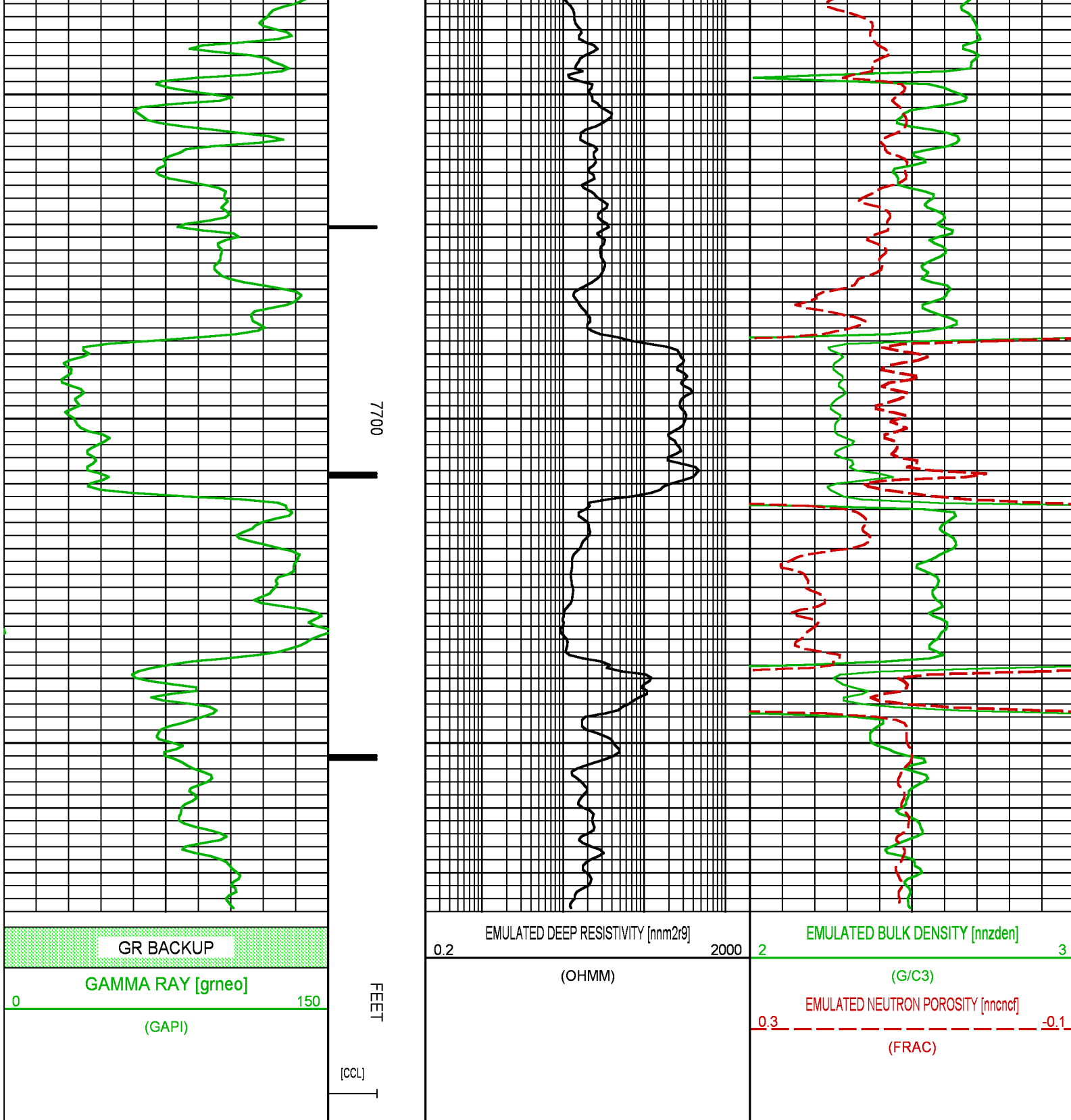



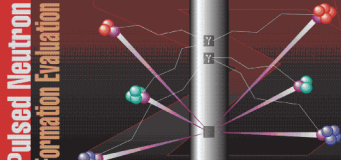










 BAKER HUGHES 	COMPANY <u>LARAMIE ENERGY</u> WELL <u>GUNDERSON 29-08M</u> FIELD <u>VEGA</u> COUNTY <u>MESA</u> STATE <u>COLORADO</u>	FILE NO: <u>20313</u> API NO: <u>05077097610000</u>
	LOCATION: <u>SEE REMARKS</u>	ELEVATIONS: KB 7553 FT DF 7552 FT GL 7531 FT
	SEC 29 TWP 9S RGE 93W	DATE 19-AUG-2015

