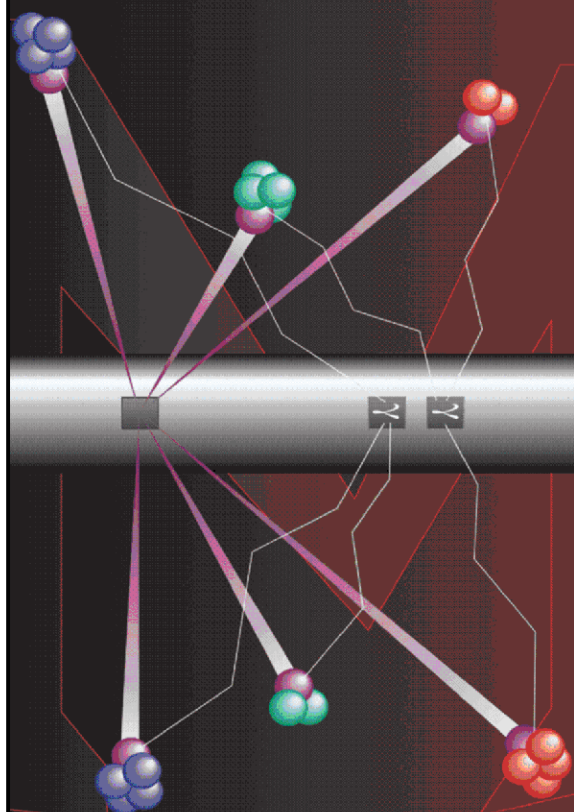




Pulsed Neutron Formation Evaluation



NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY

WELL GUNDERSON 29-13E

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION: SEE REMARKS SECTION

SEC 29 TWP 9S RGE 93W

ELEVATIONS:

KB 7553 FT DF GL 7531 FT

DATE 18-AUG-2015 ECC 20322-01

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>HOUSTON GEOSCIENCES</u>	LOG ANALYST: <u>SEB. KAMGANG</u>	DATE: <u>18-AUG-2015</u>
FIELD DATA	LOCATION: <u>GRAND JCT</u>	ENGINEER: <u>NEWELL / US097903</u>	DATE: <u>20-JUL-2015</u>
FROM	TO		
<u>2450 FT</u>	<u>3036 FT</u>		
<u>4442 FT</u>	<u>7626 FT</u>		

REMARKS

LOCATION:
SHL: LAT 39.248810 LONG -107.787831
BHL: LAT 39.246796 LONG -107.786787

TRAINING WELL: GUNDERSON 29-11E

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

BOND LOG IS REFERENCE LOG

NEO RESULTS FOR GUNDERSON 29-13E (GSAND)

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

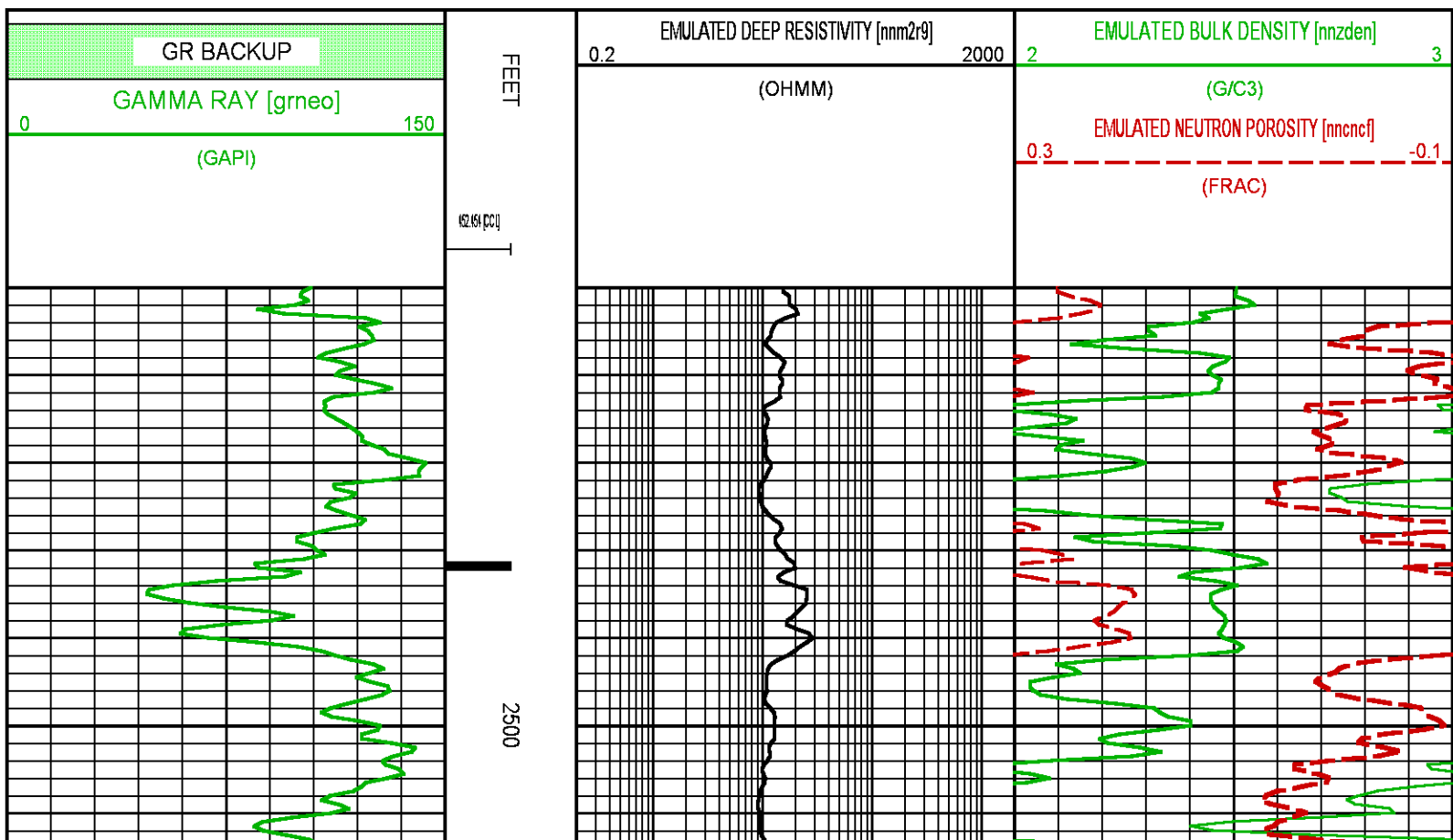
Plotted: Tue Aug 18 12:59:15 2015

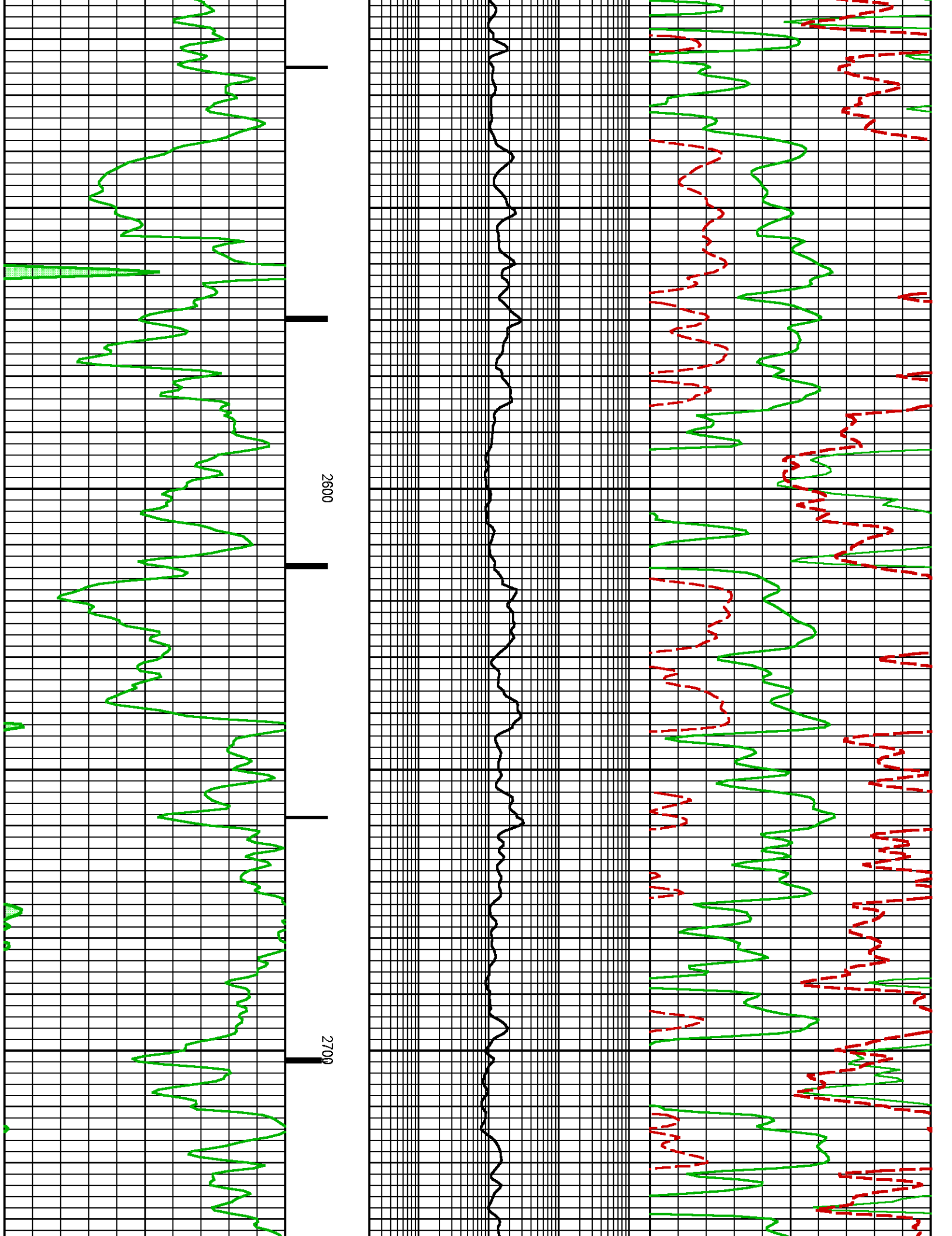
CURVE MEASURE POINT OFFSET

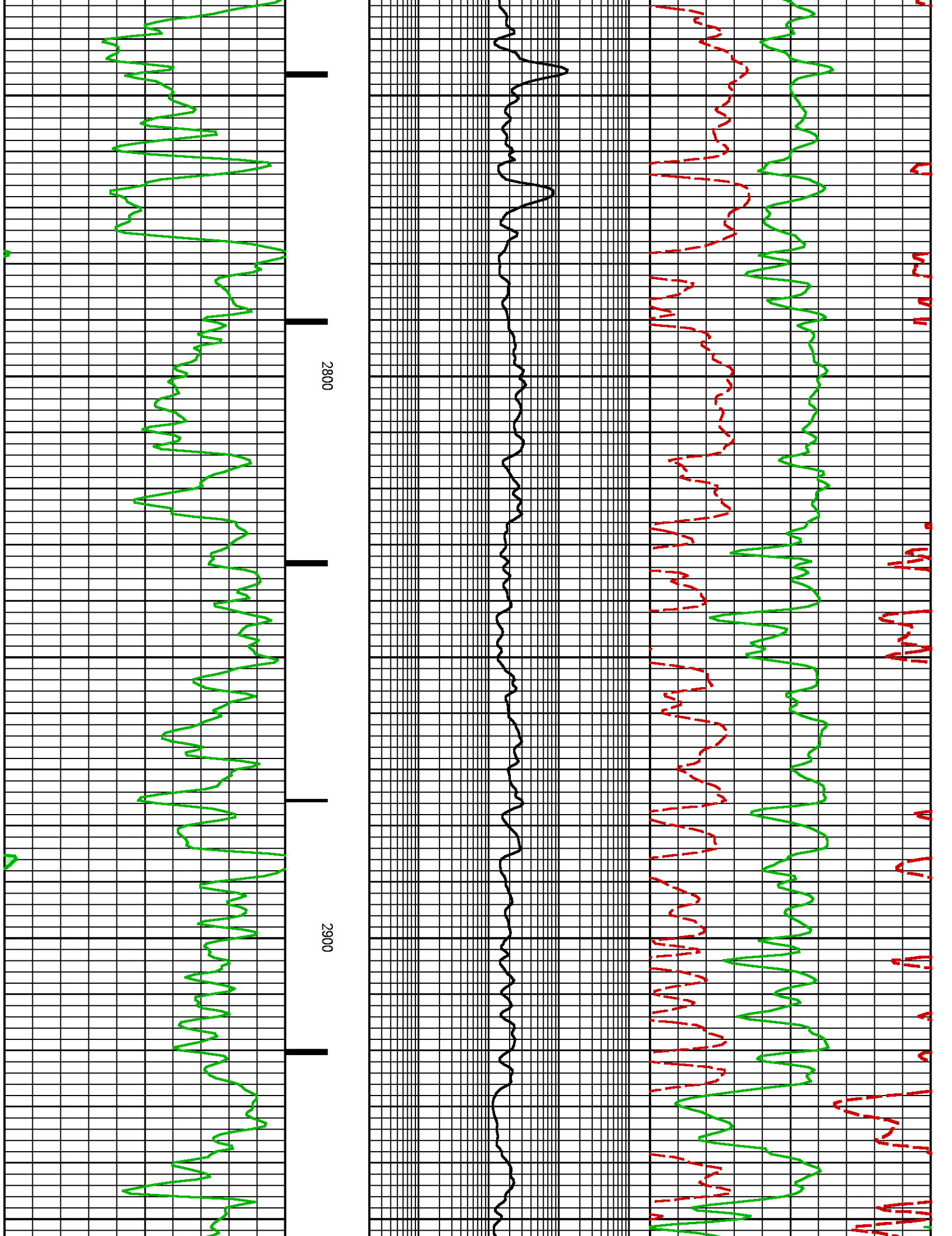
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNCf	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

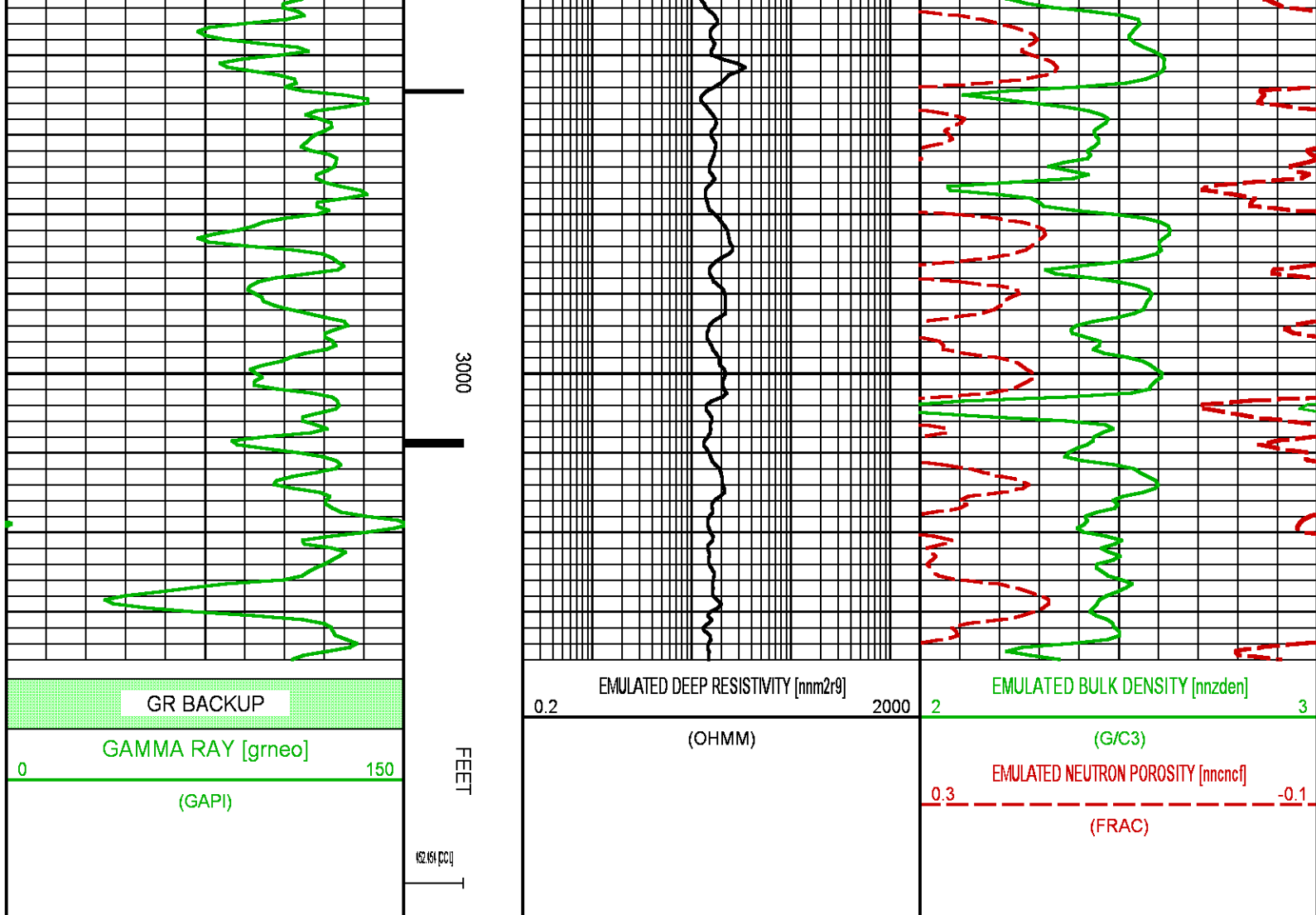
Project : NA
User : kamgseb
Presentation : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramieGunderson2913E\
 1NEO_PRESENTATION+GUNDERSON 29-13E_Merged_Set_Final.fvpdf [5"/100' Scale]
Plot Interval : 2450 - 3036 Feet

Data File 1 : F1 : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramieGunderson2913E\
 GUNDERSON 29-13E_Merged_Set_Final.xtf
Created On : Aug 18 12:46:55 2015
Company : LARAMIE ENERGY
Well : GUNDERSON 29-13E
Field : VEGA
File Interval : 2450 - 7632 Feet
OCT : NA









NEO RESULTS FOR GUNDERSON 29-13E (MAIN)

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

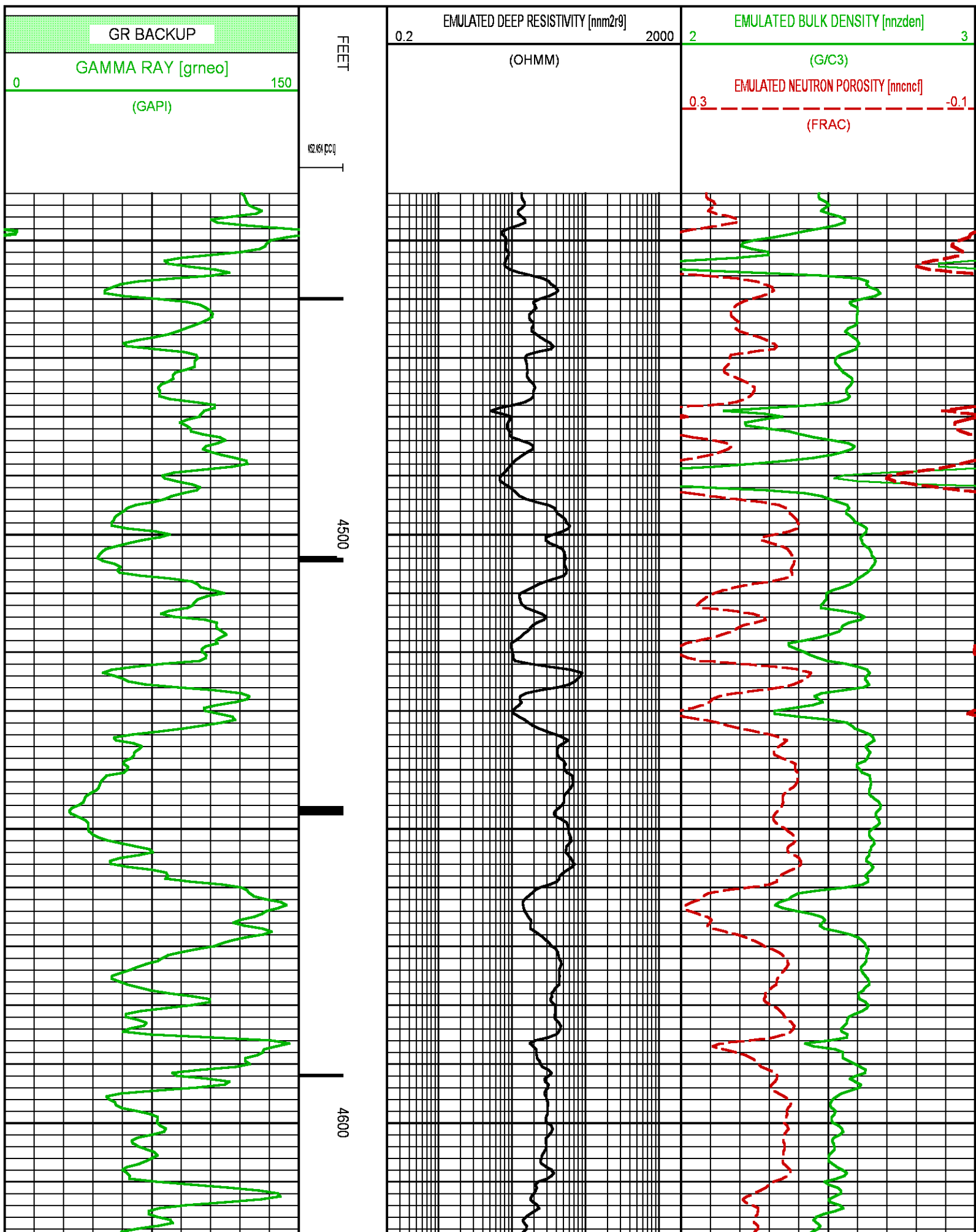
Plotted: Tue Aug 18 13:00:02 2015

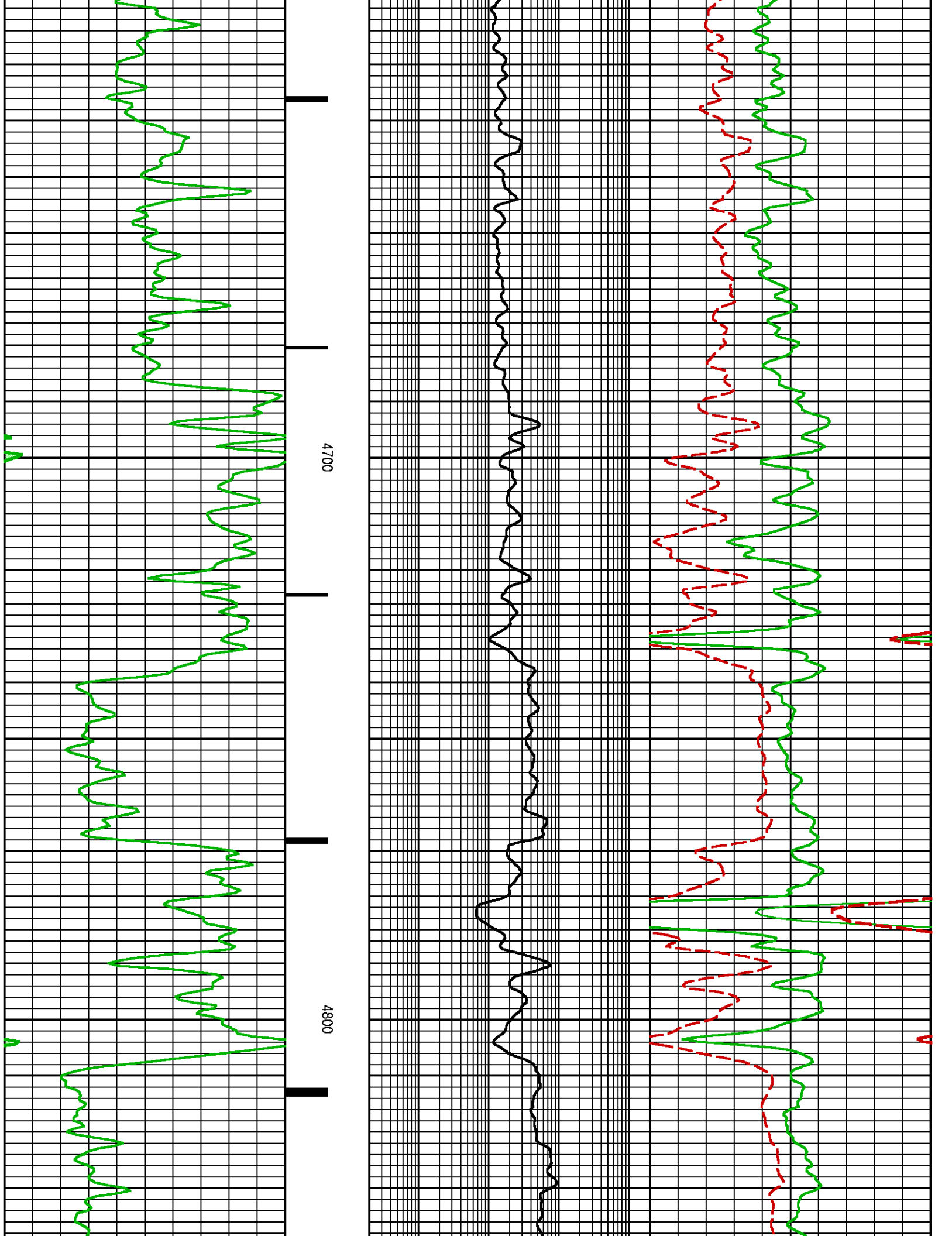
CURVE MEASURE POINT OFFSET

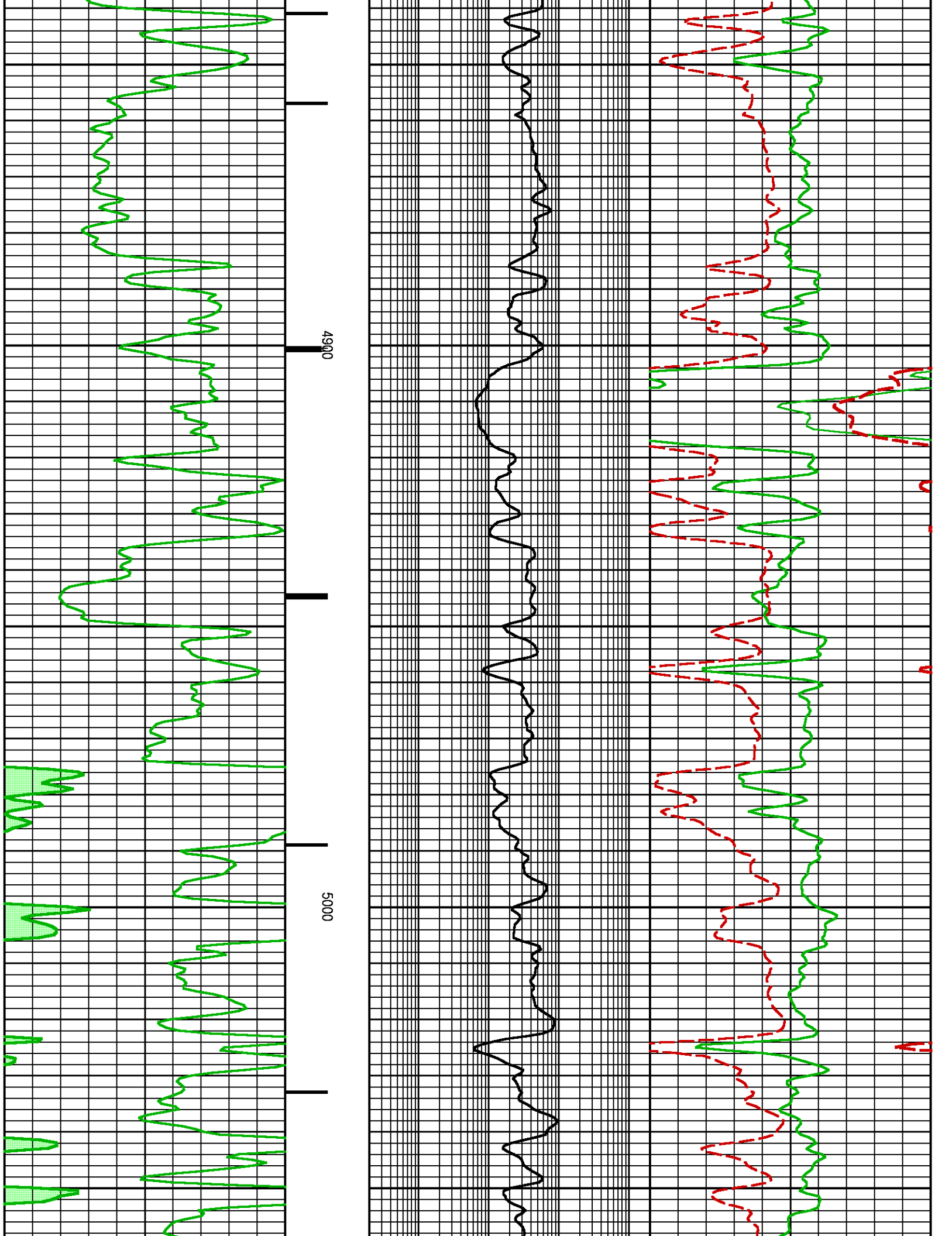
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNCF	0.00	NNZDEN	0.00		
GRNEO	0.00	NNM2R9	0.00				

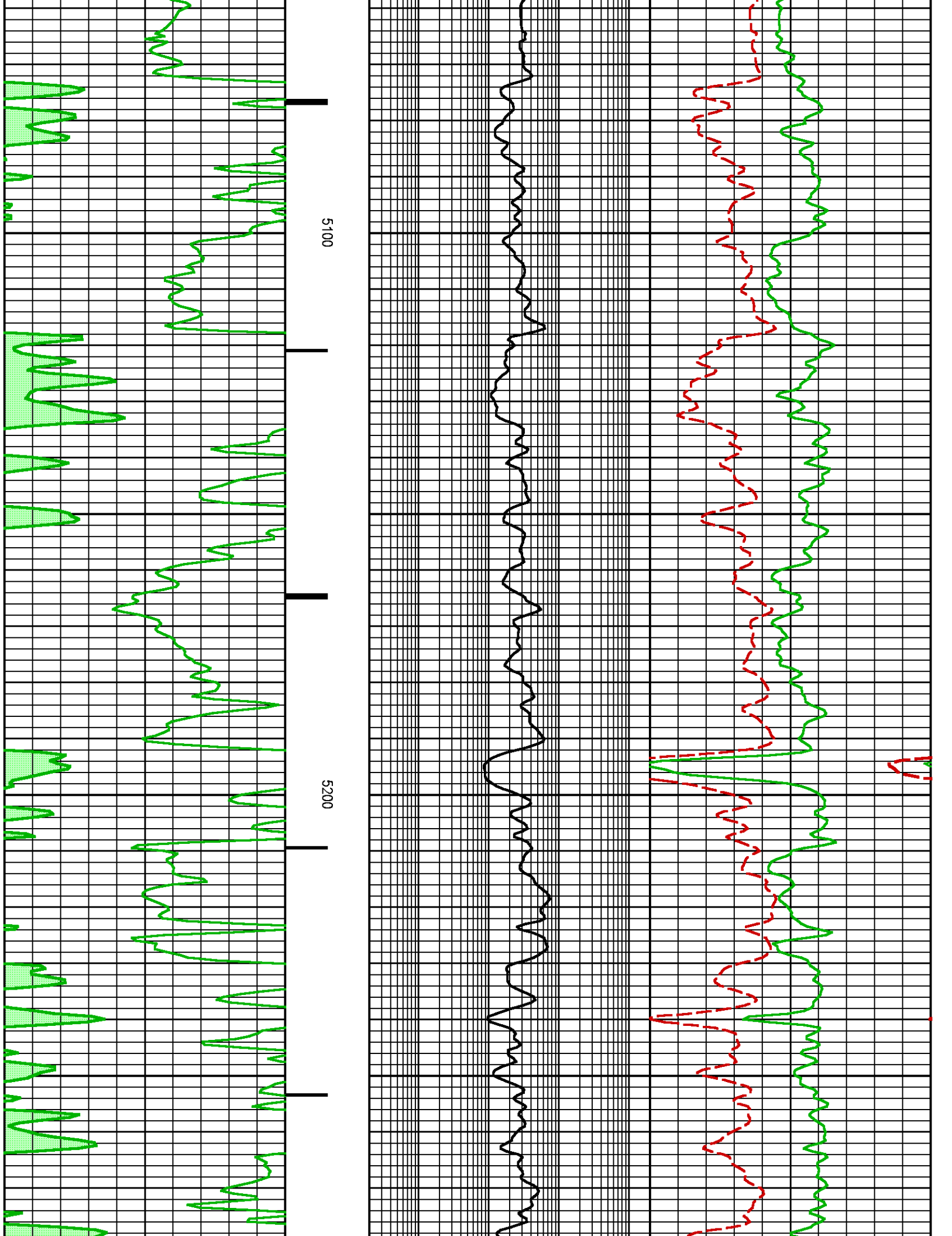
Project : NA
User : kamgseb
Presentation : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramieGunderson2913E\2NEO_PRESENTATION+GUNDERSON 29-13E_Merged_Set_Final.fvpdf [5"/100' Scale]
Plot Interval : 4442 - 7626 Feet
Data File 1 : F1 : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramieGunderson2913E\GUNDERSON 29-13E_Merged_Set_Final.xtf
Created On : Aug 18 12:46:55 2015
Company : LARAMIE ENERGY
Well : GUNDERSON 29-13E

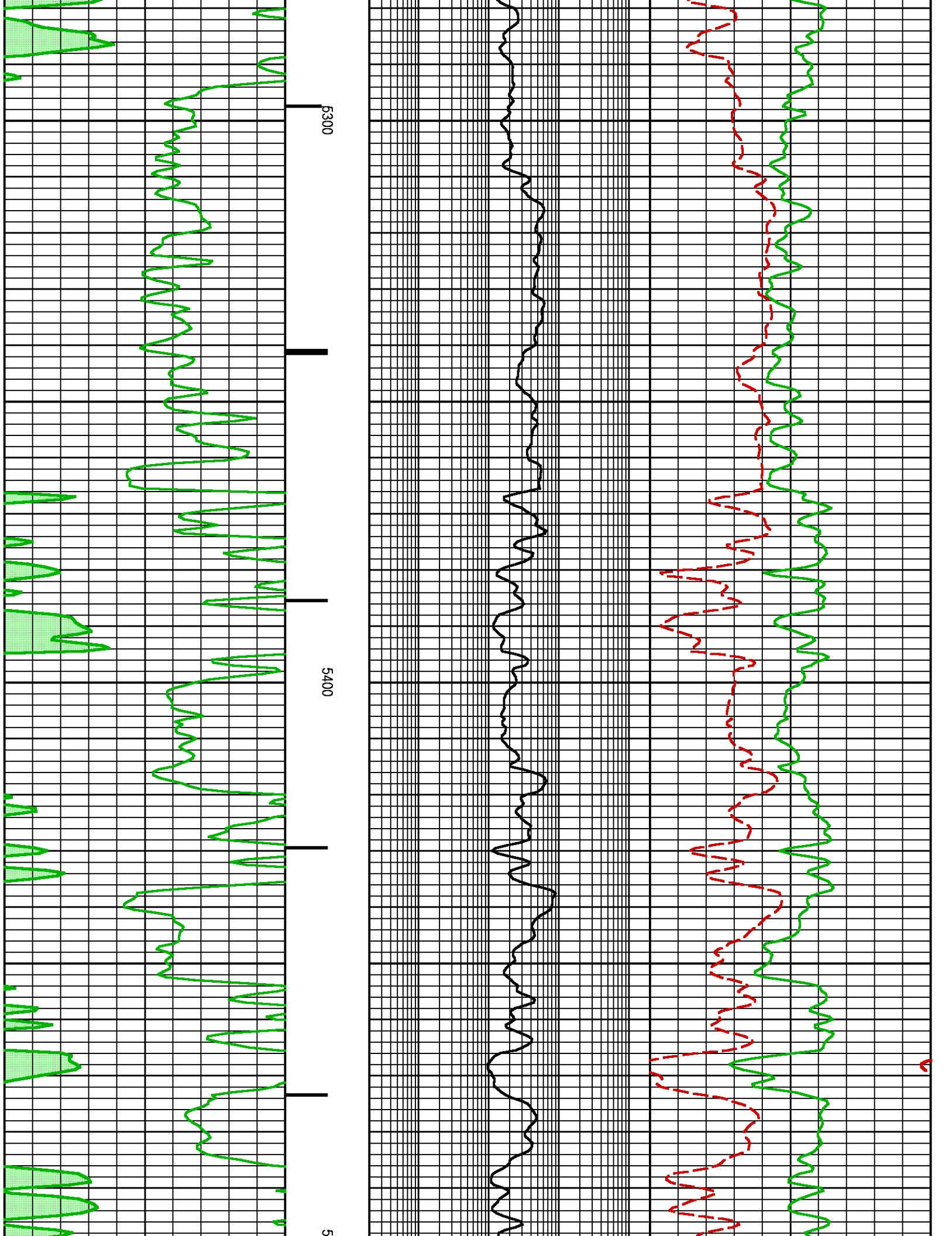
Field : VEGA
File Interval : 2450 - 7632 Feet
OCT : NA

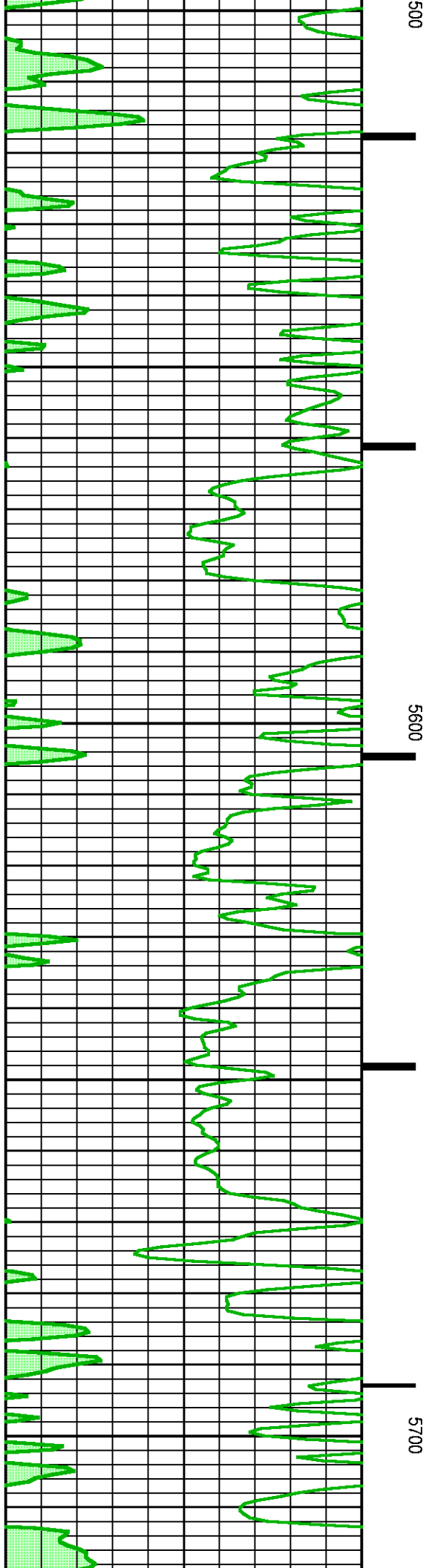
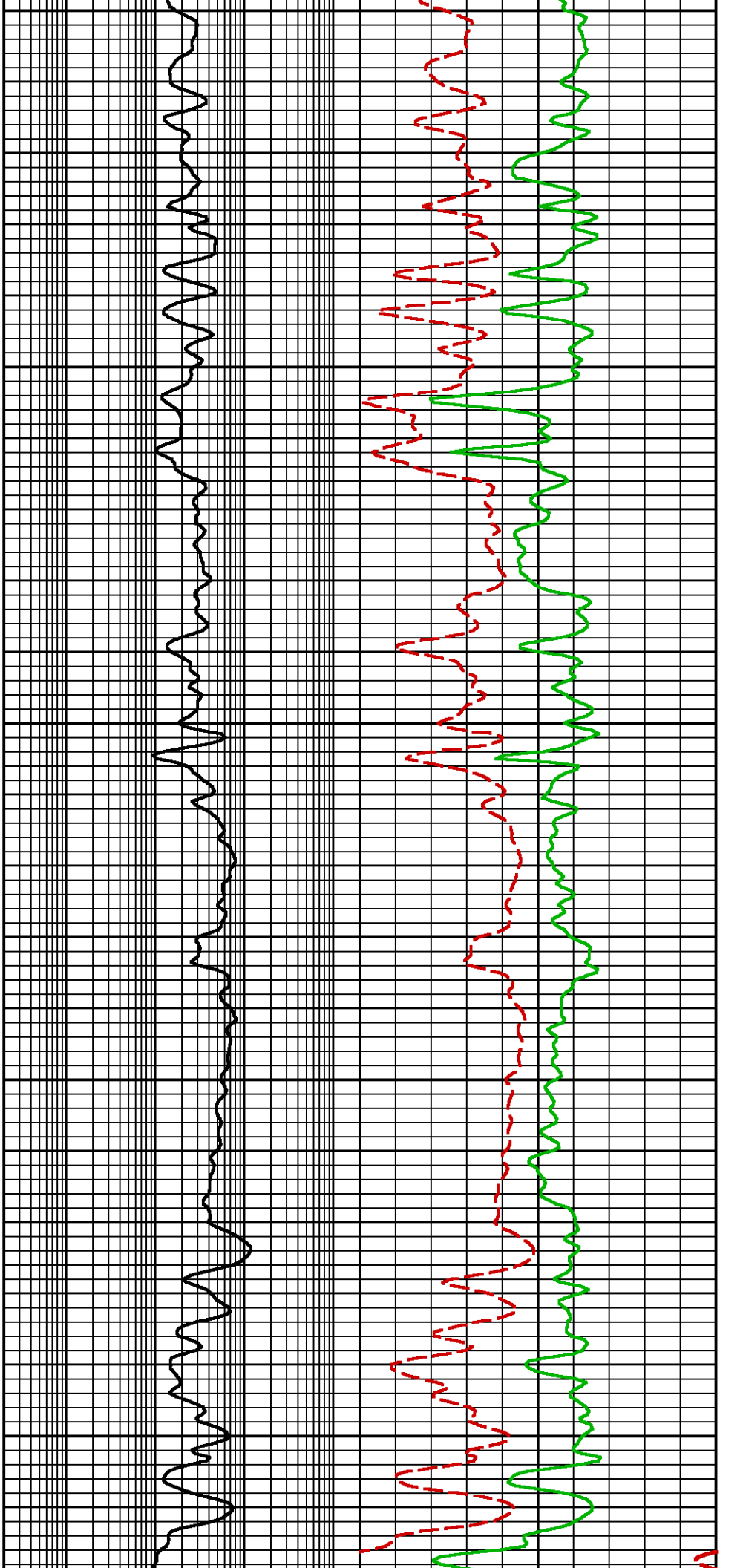


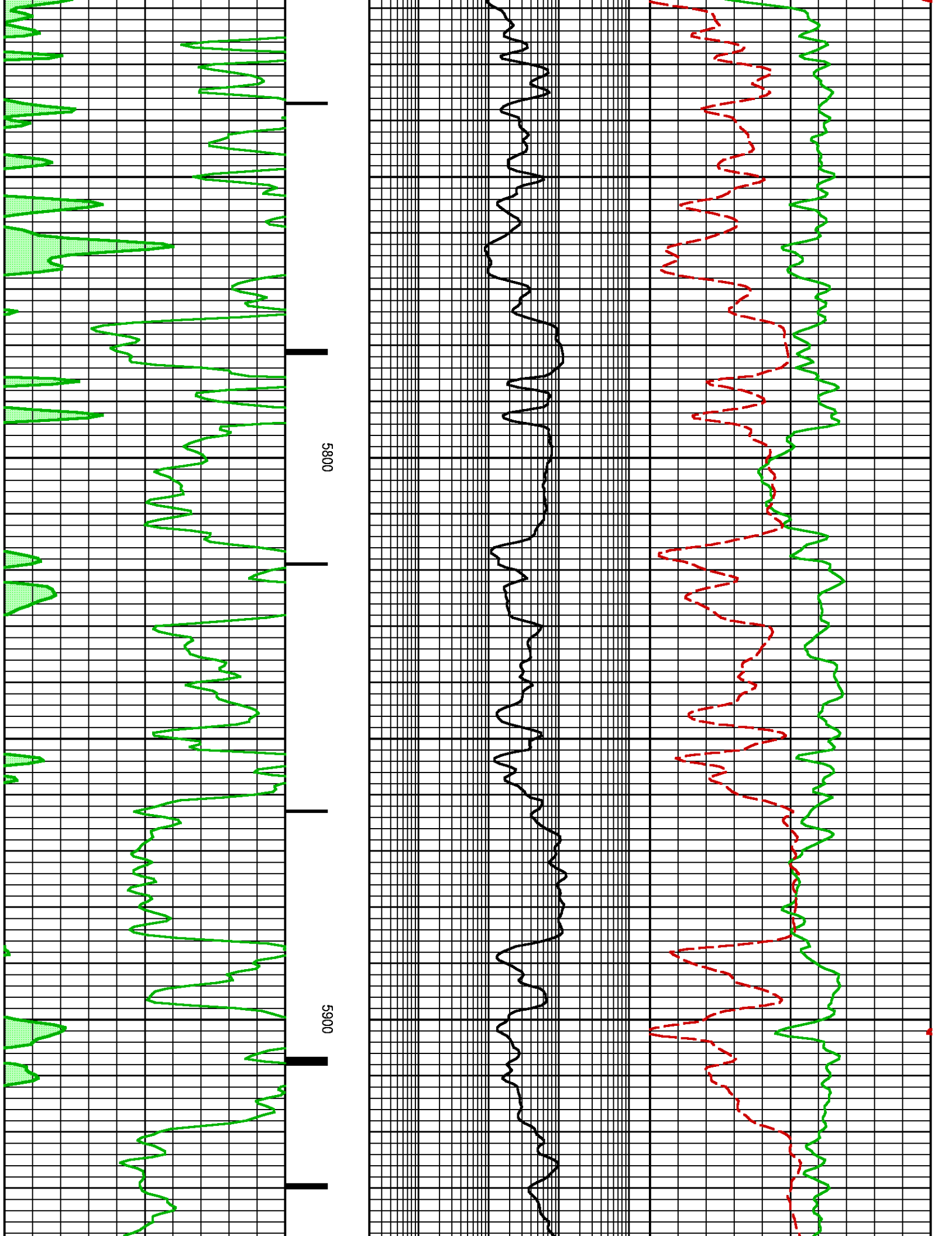


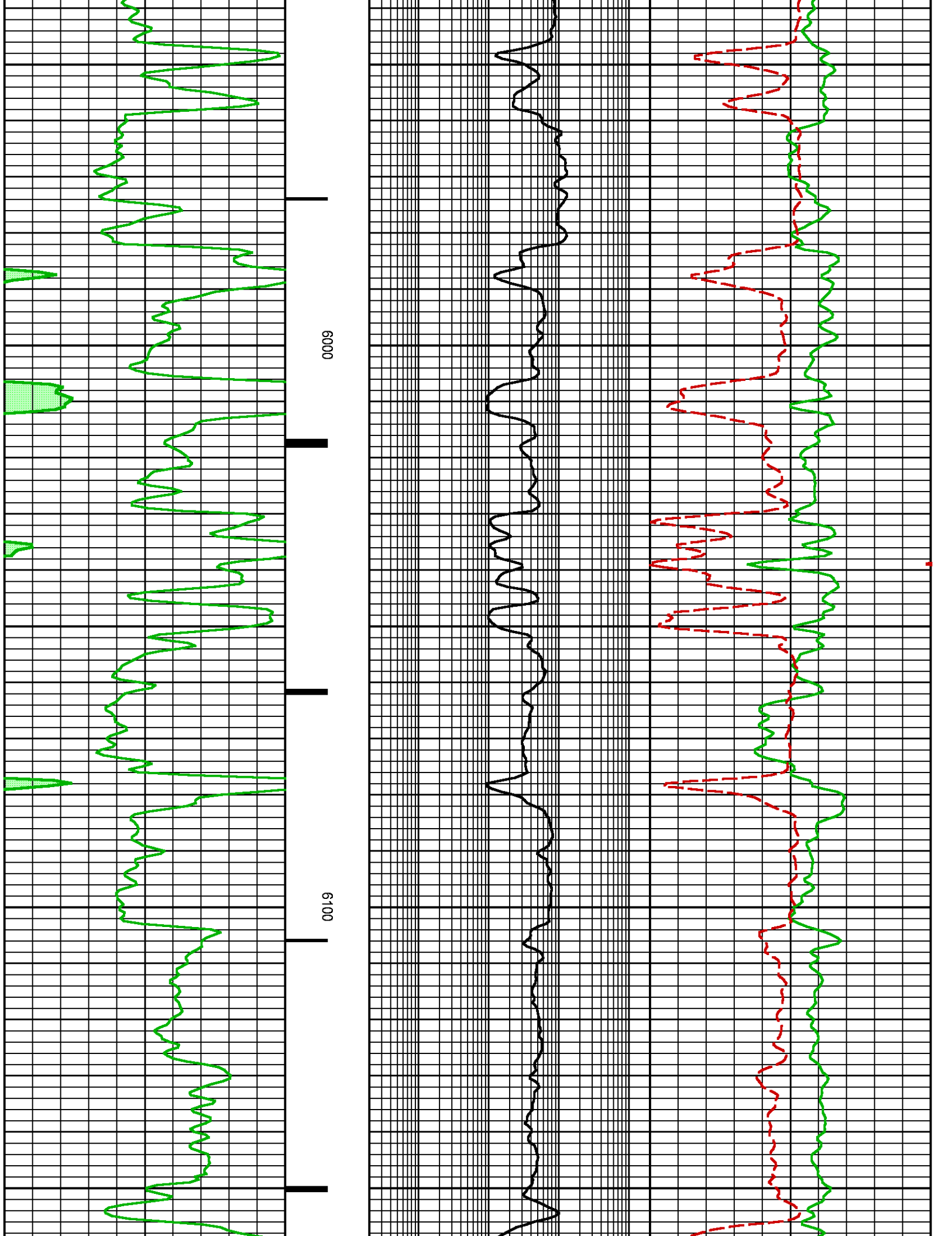


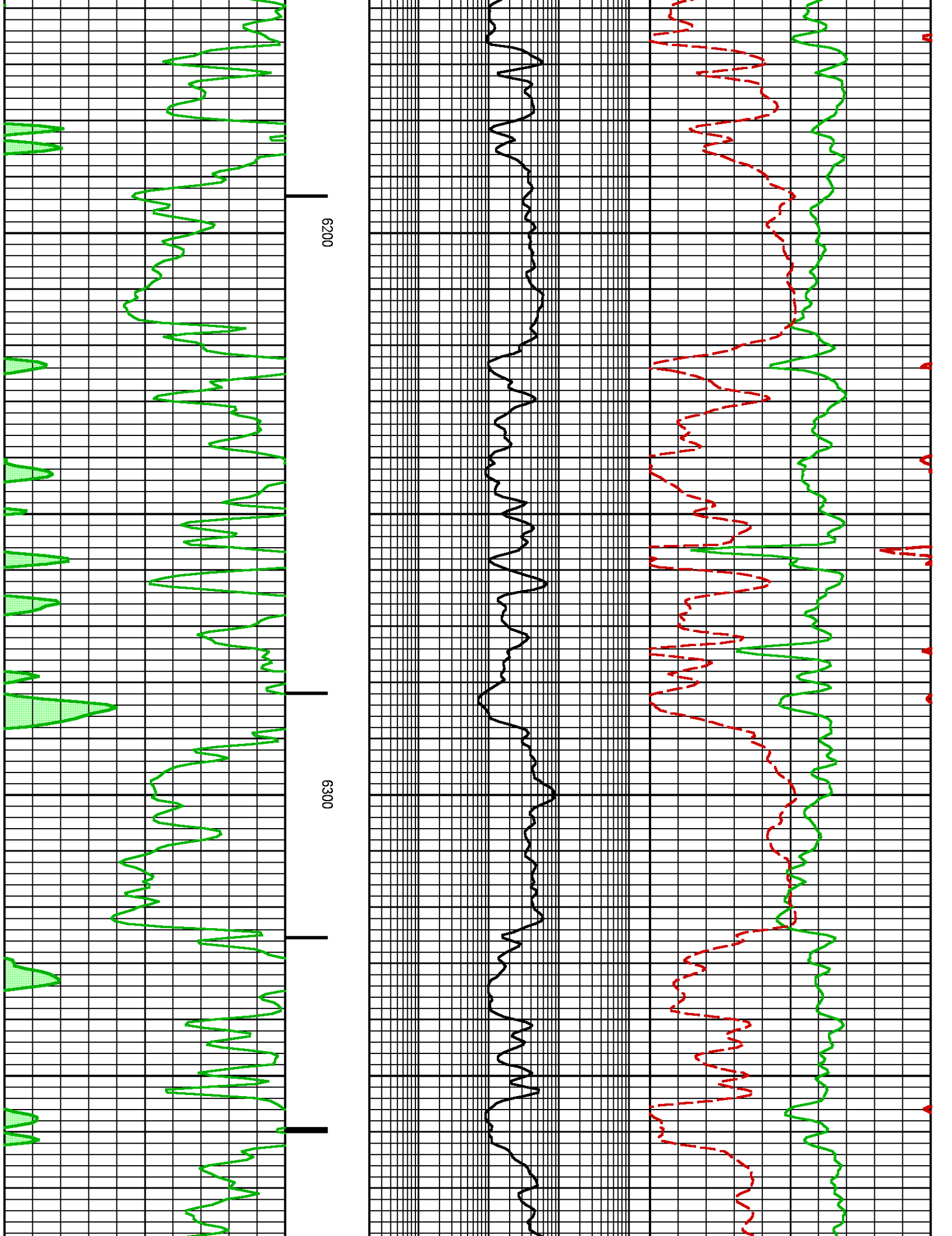


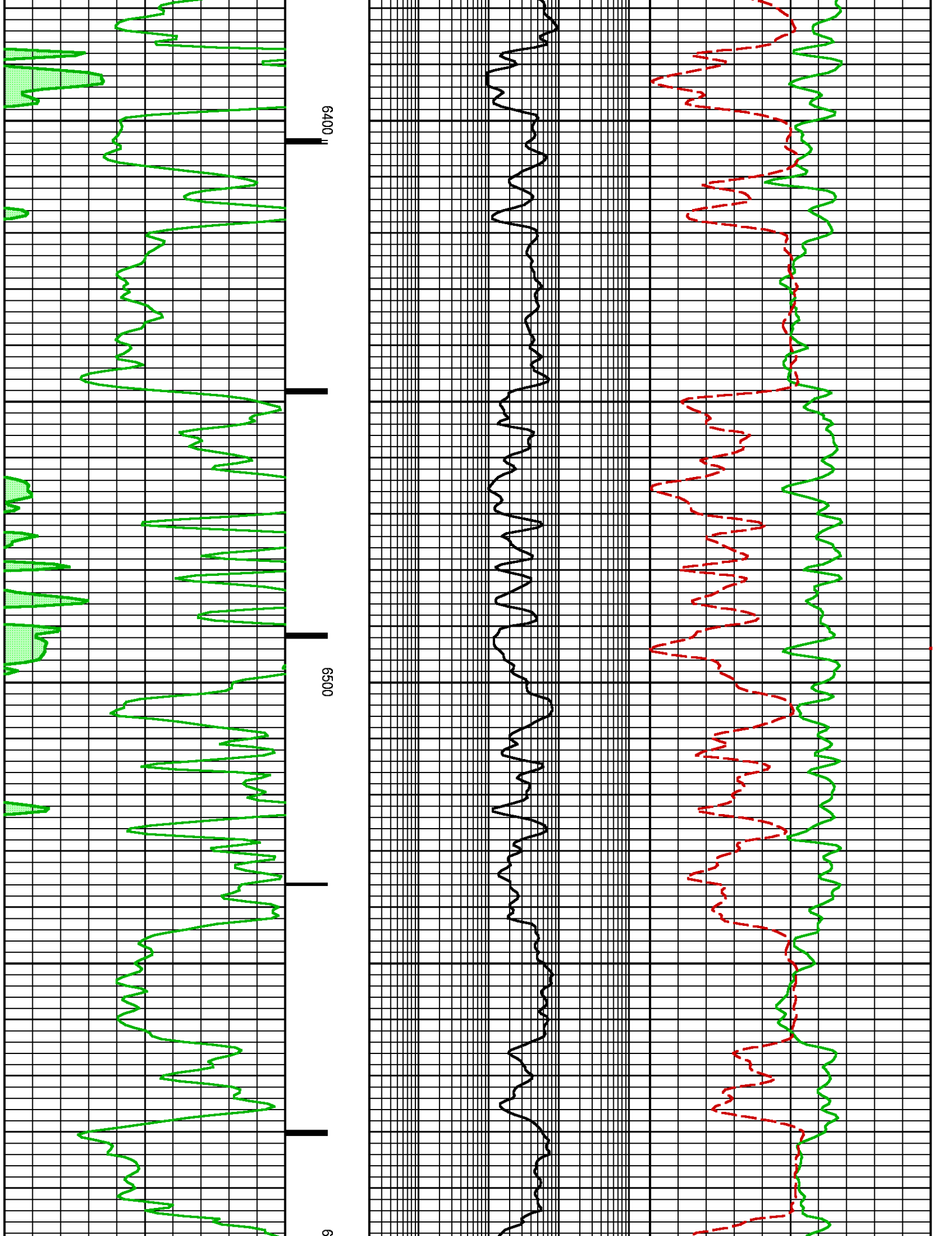


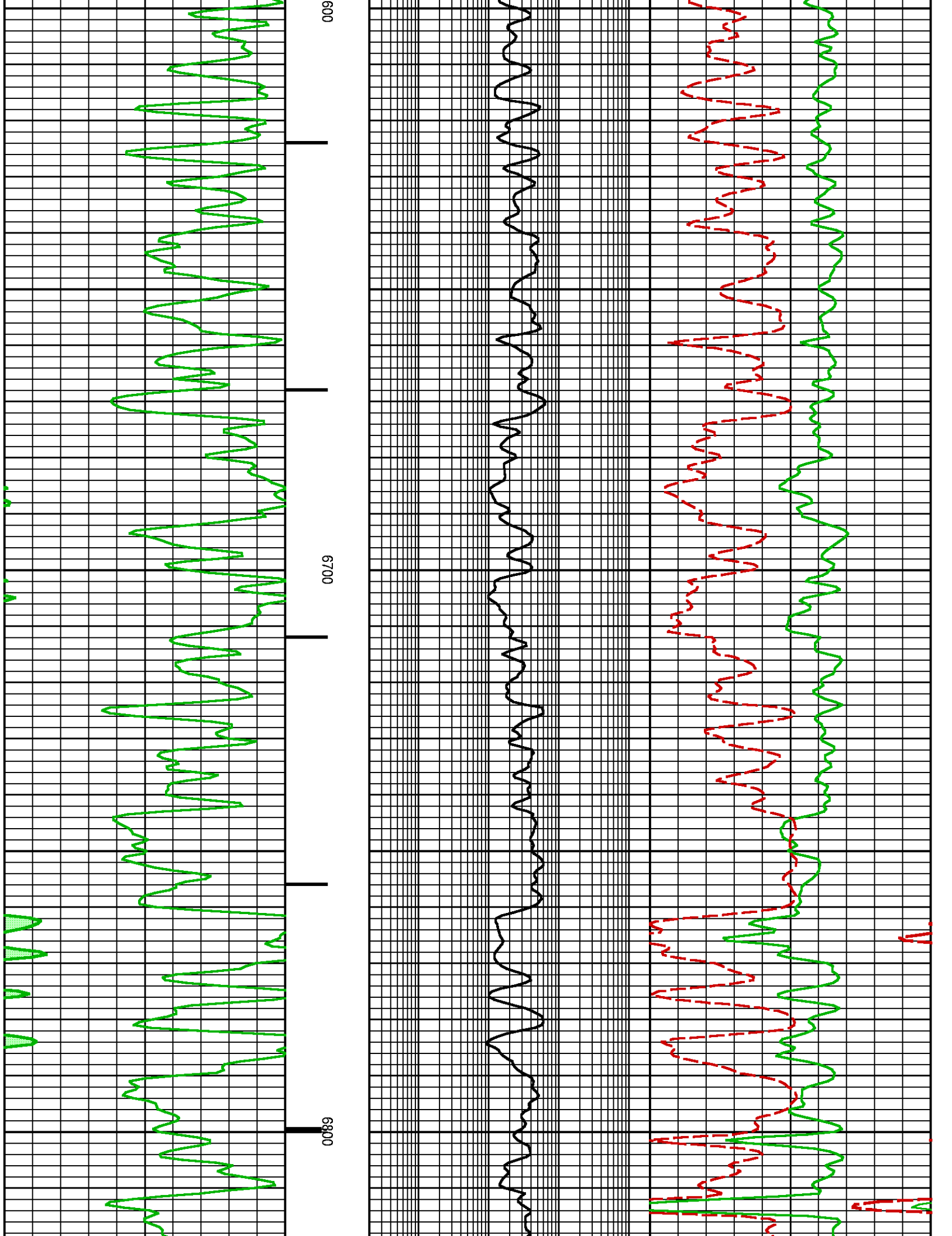


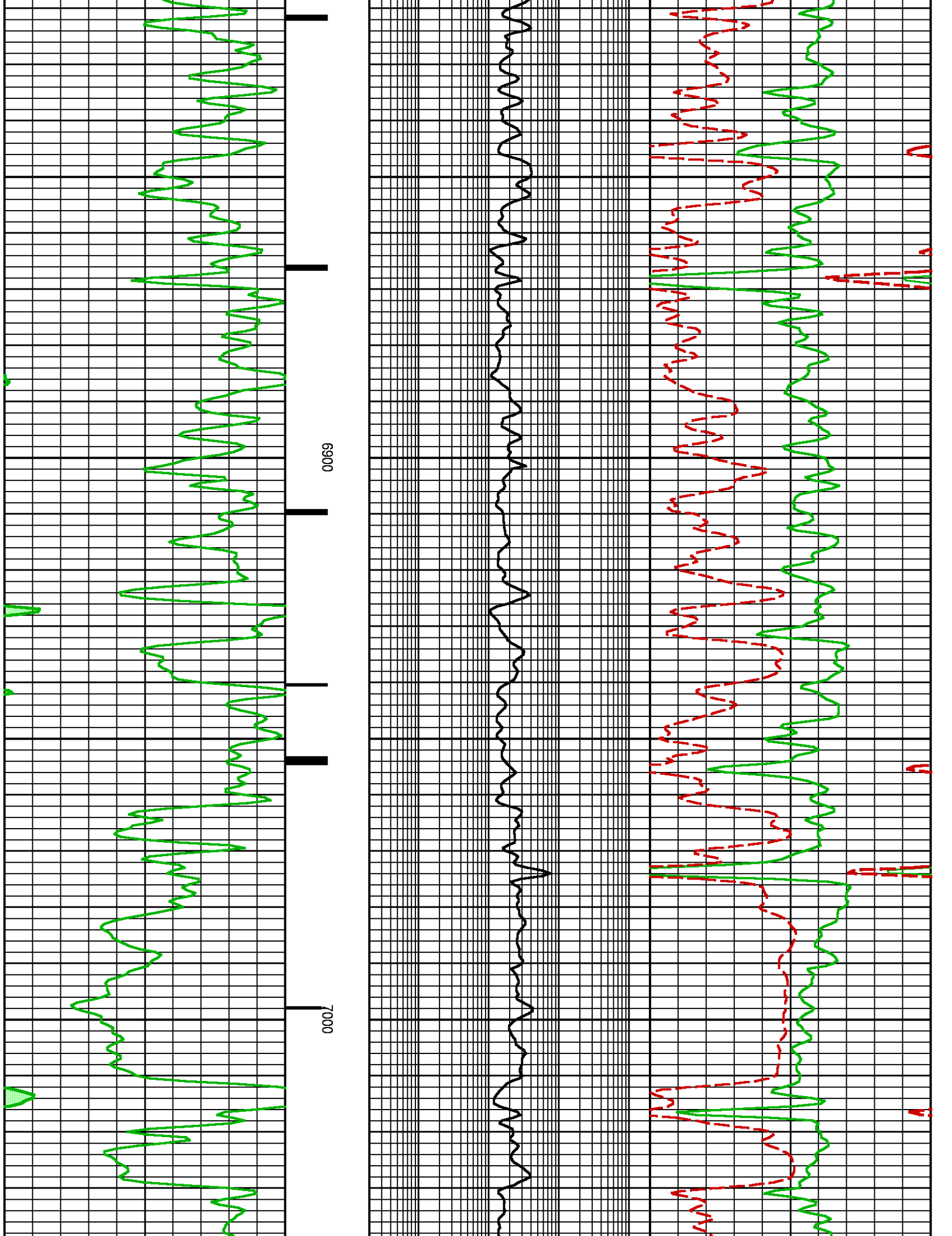


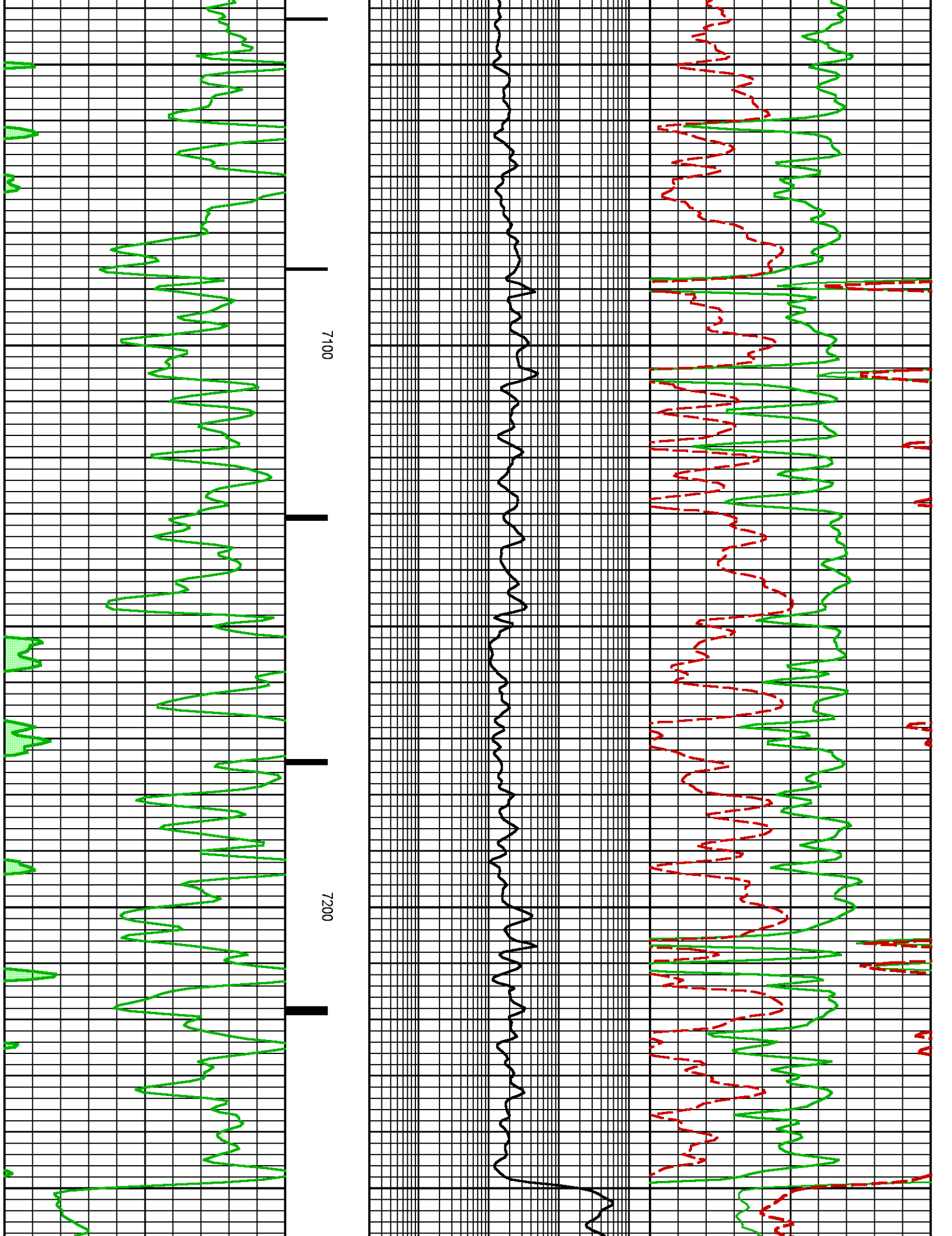


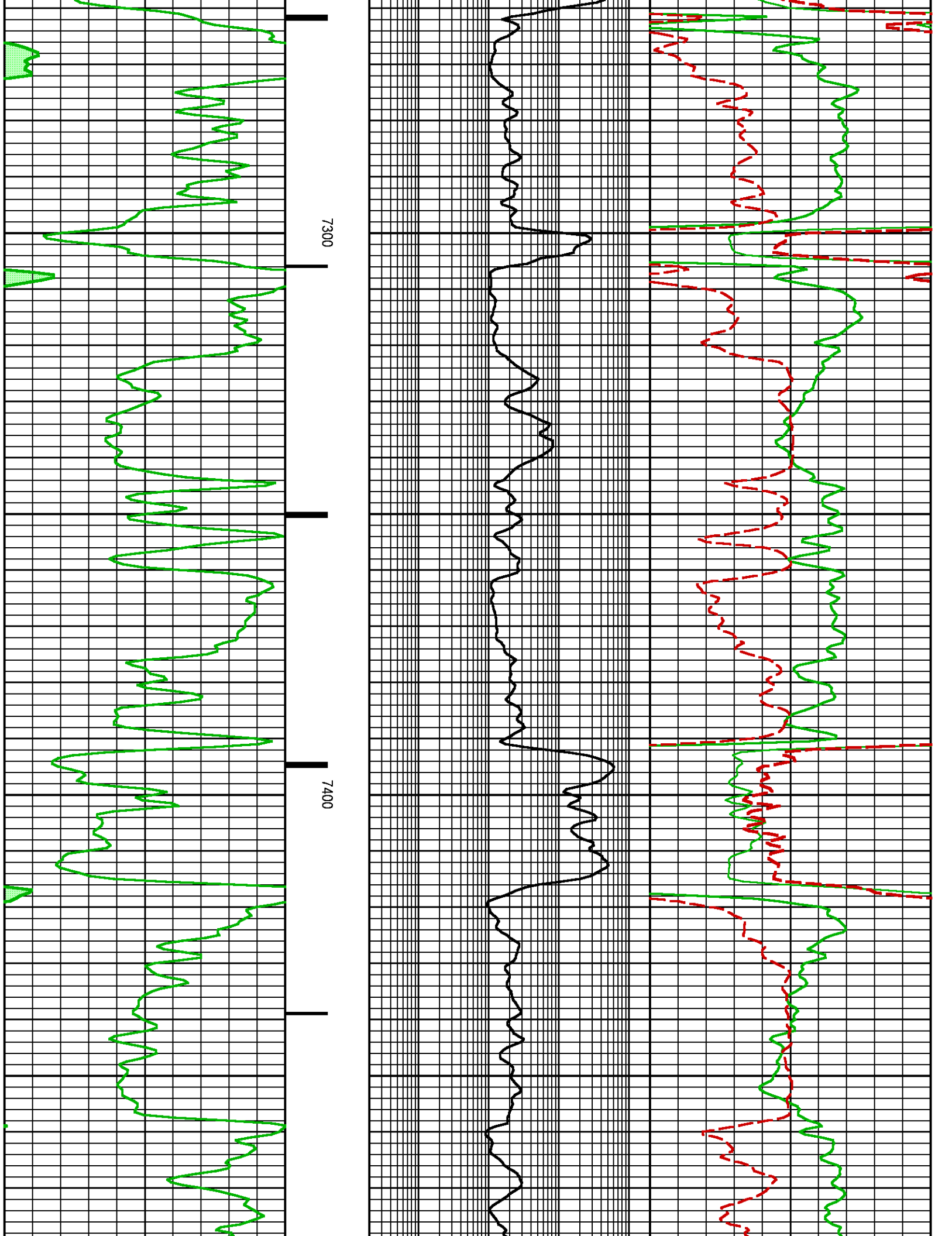


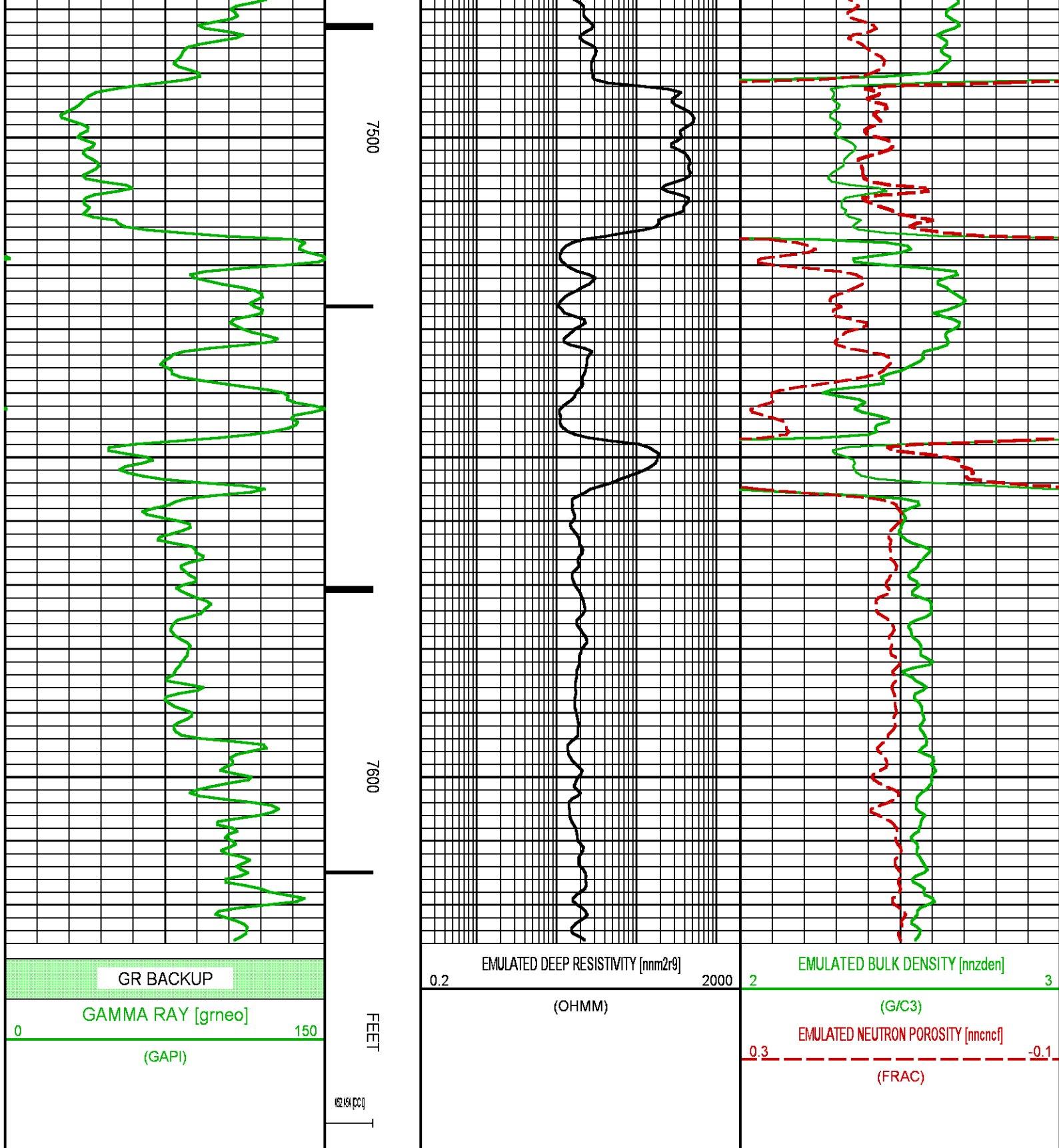





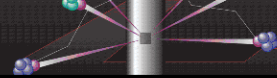








	COMPANY <u>LARAMIE ENERGY</u> WELL <u>GUNDERSON 29-13E</u> FIELD <u>VEGA</u> COUNTY <u>MESA</u> STATE <u>COLORADO</u>	FILE NO: <u>20322-01</u> API NO: <u>05077102310000</u>
	LOCATION: <u>SEE REMARKS SECTION</u>	ELEVATIONS: KB <u>7553 FT</u> DF <u> </u>



GL 7531 FT

SEC 29 TWP 9S RGE 93W

DATE 18-AUG-2015