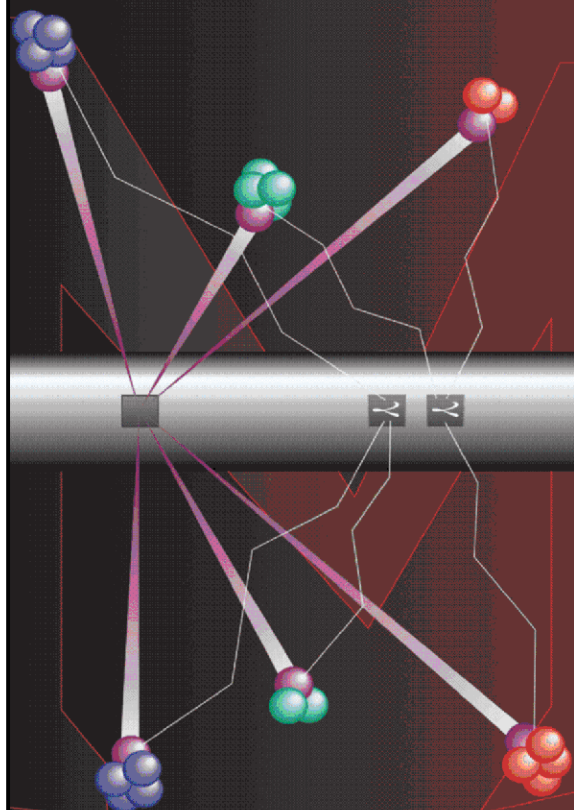




Pulsed Neutron Formation Evaluation



NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY

WELL PICEANCE 28-09M

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS SECTION

SEC 28 TWP 9S RGE 93W

ELEVATIONS:

KB 7600 FT DF GL 7578 FT

DATE 11-SEP-2015 ECC 20497-01

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>11-SEP-2015</u> |
| FIELD DATA | LOCATION: <u>GRAND JCT</u> | ENGINEER: <u>EDWARDS / US099235</u> | DATE: <u>26-AUG-2015</u> |
| FROM | TO | | |
| <u>2962 FT</u> | <u>3291 FT</u> | | |
| <u>4873 FT</u> | <u>7919 FT</u> | | |

REMARKS

LOCATION:
SHL: LAT 39.250911 LONG -107.779353
BHL: LAT 39.249467 LONG -107.774656

TRAINING WELL: PICEANCE 28-09W

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 PICEANCE 28-09M (G-SAND)

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

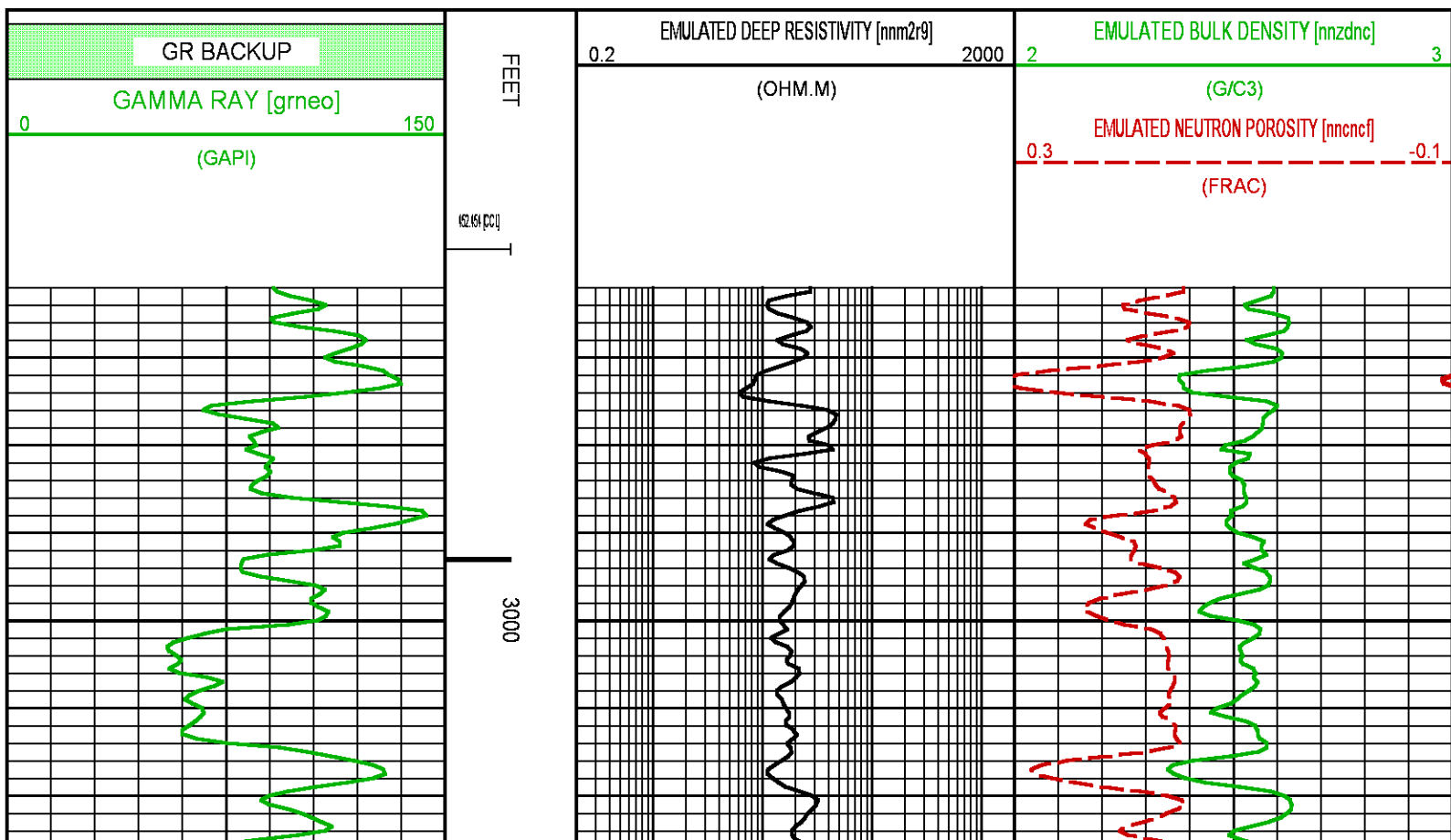
Plotted: Fri Sep 11 14:04:05 2015

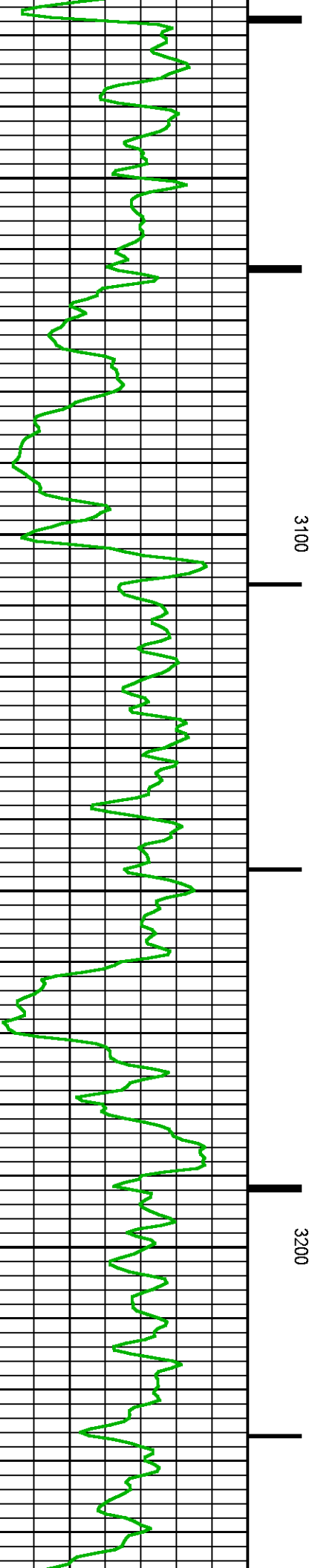
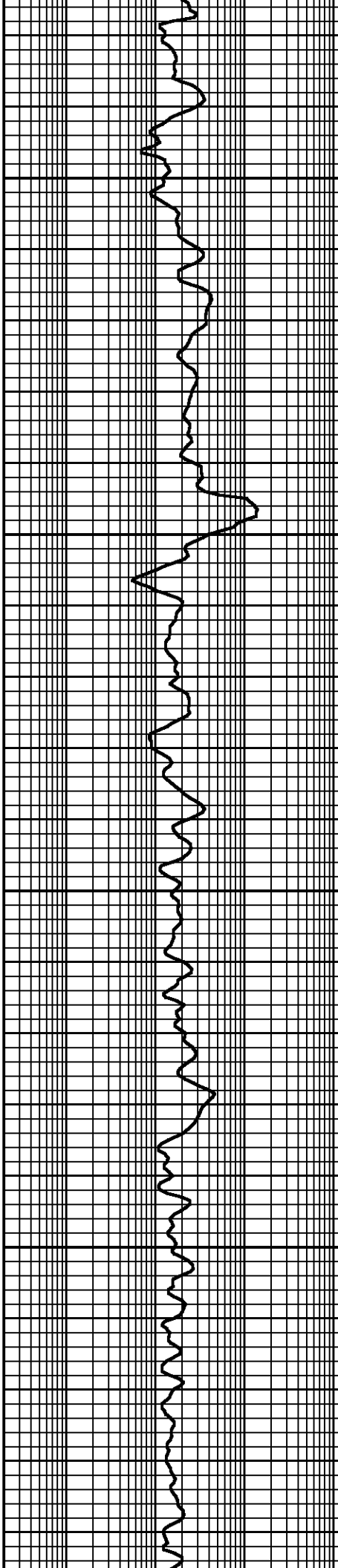
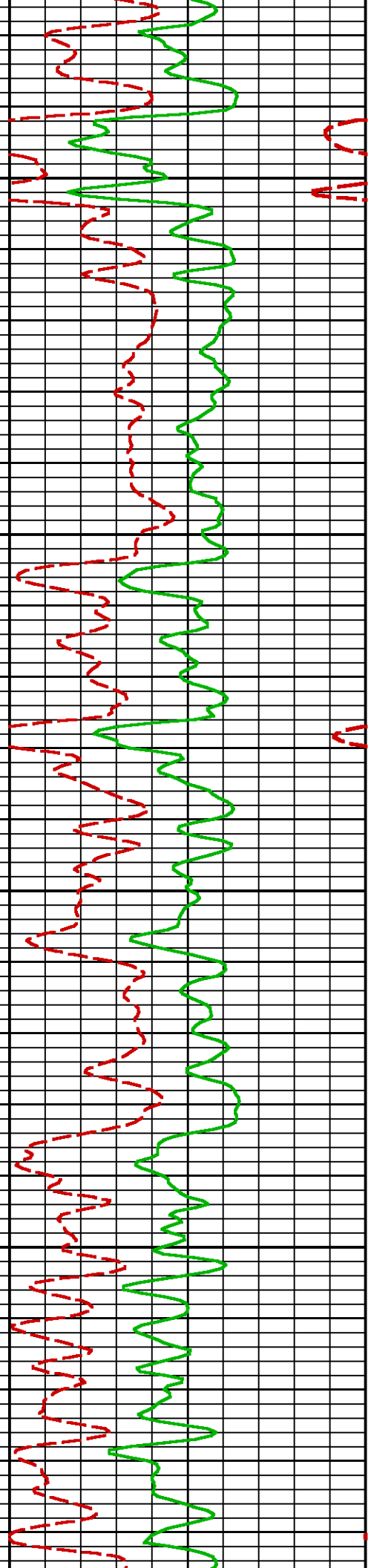
CURVE MEASURE POINT OFFSET

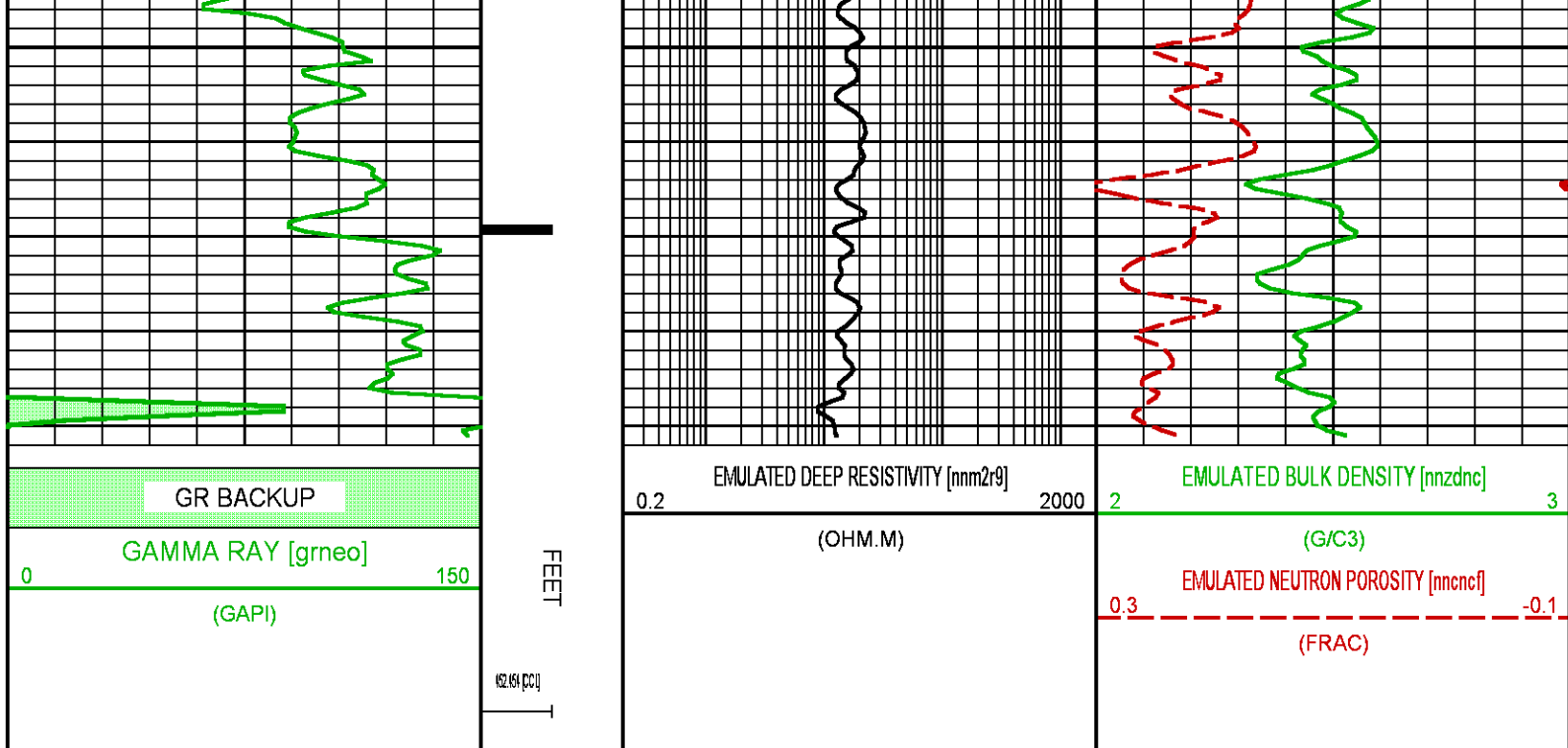
| CURVE | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) |
|-------|-------------|--------|-------------|--------|-------------|-------|-------------|
| CCL | 0.00 | NNCNCf | 0.00 | NNZDNC | 0.00 | | |
| GRNEO | 0.00 | NNM2R9 | 0.00 | | | | |

Project : NA
User : kamgseb
Presentation : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramiePiceance2809M\
 1NEO_PRESENTATION+PICEANCE 28-09M_Merged_Set_Final.fvpdf [5"/100' Scale]
Plot Interval : 2962 - 3291 Feet

Data File 1 : F1 : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramiePiceance2809M\
 PICEANCE 28-09M_Merged_Set_Final.xtf
Created On : Sep 11 12:19:33 2015
Company : LARAMIE ENERGY
Well : PICEANCE 28-09M
Field : VEGA
File Interval : 2962 - 7926 Feet
OCT : NA







NEO RESULTS FOR PICEANCE 28-09M (MAIN)

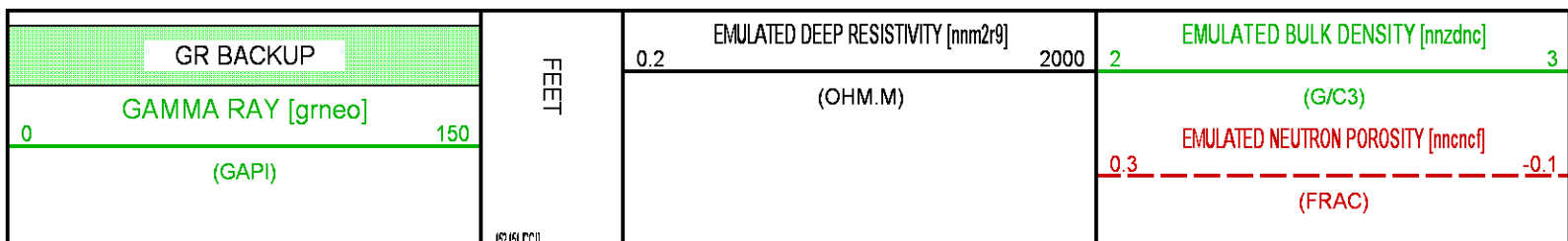
ECLIPS EC PLOT 6.2 ECLIPS Plotting & Post-Processing Mon 11/17/2014 14:36:44.29

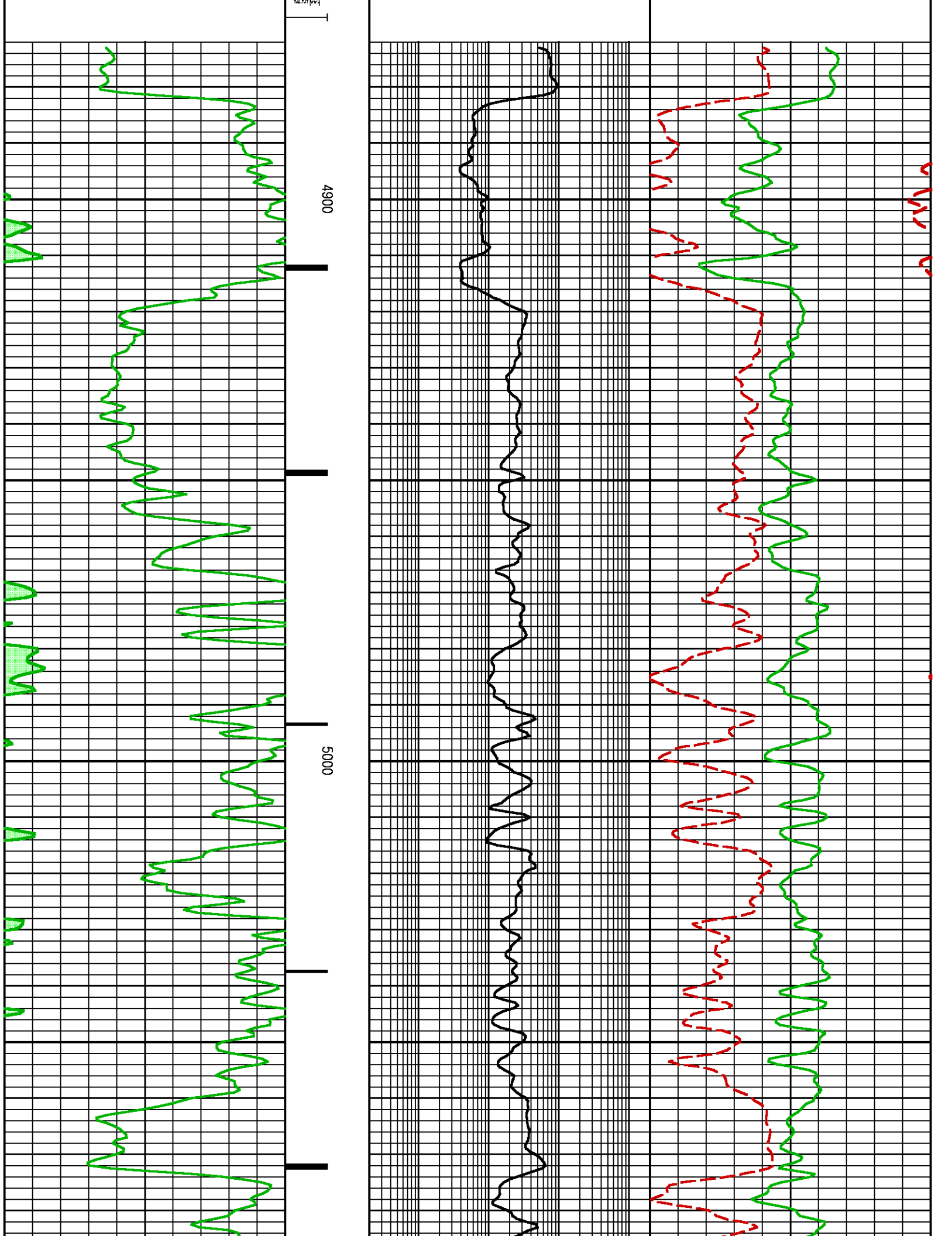
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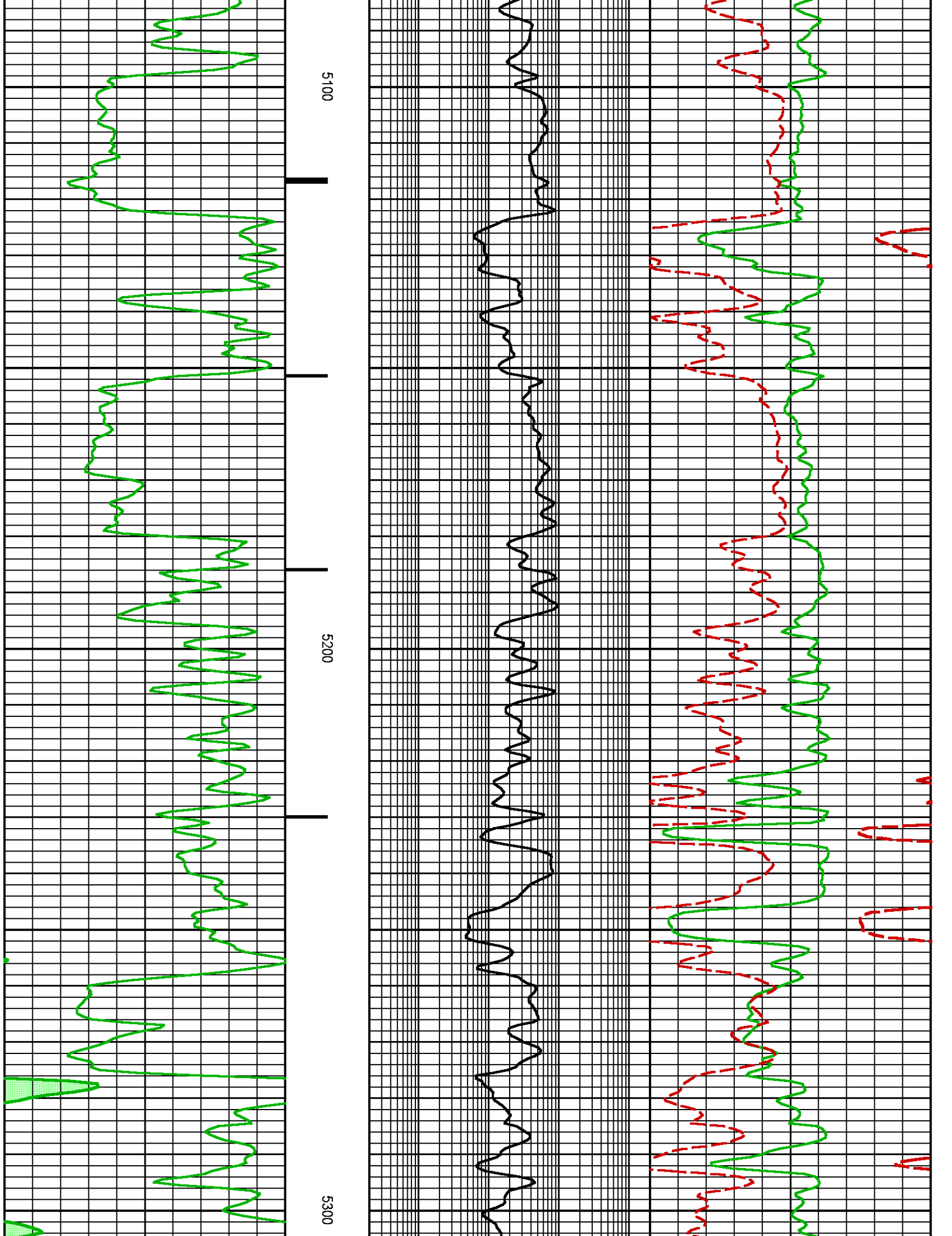
CURVE MEASURE POINT OFFSET

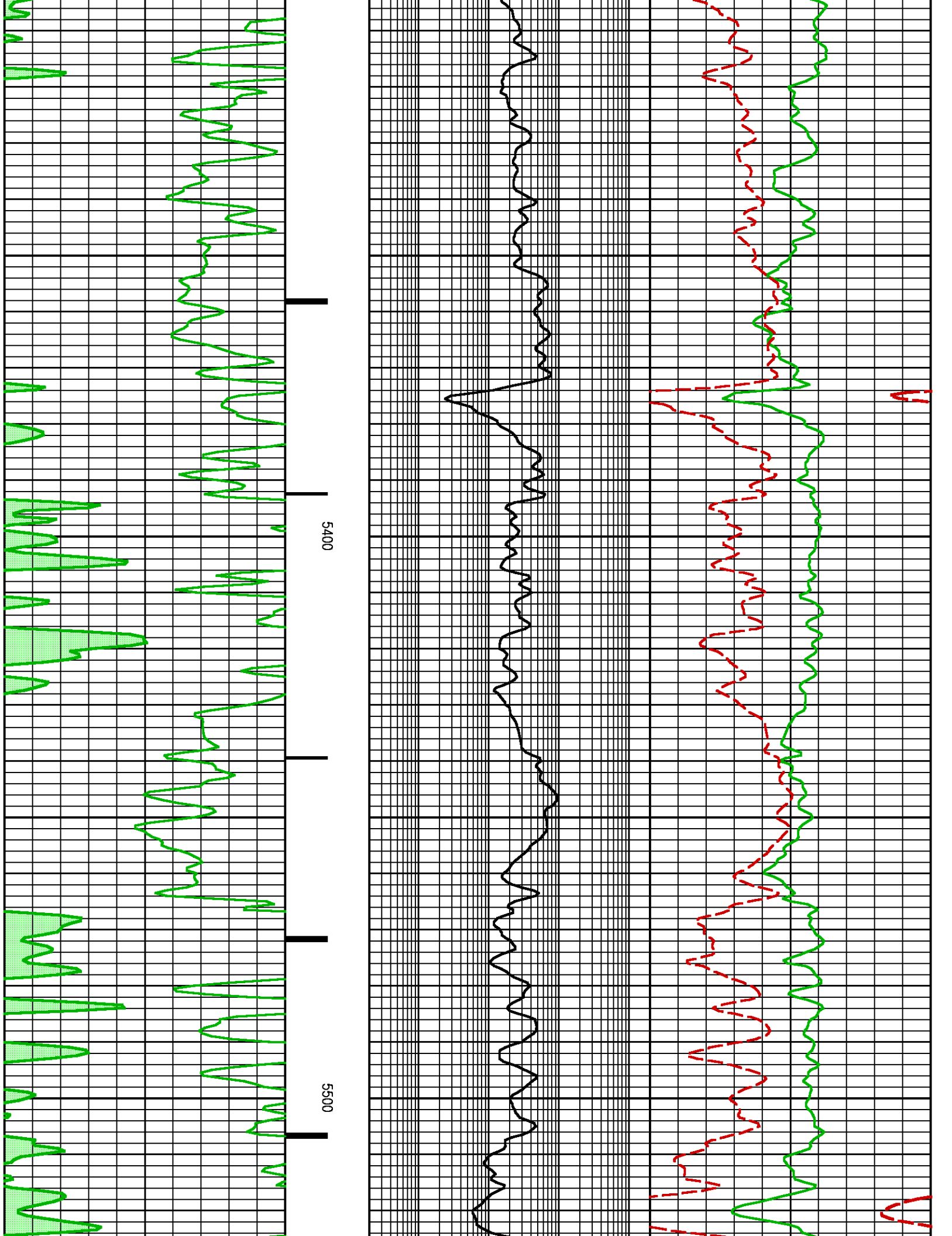
| CURVE | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) | CURVE | OFFSET (ft) |
|-------|-------------|--------|-------------|--------|-------------|-------|-------------|
| CCL | 0.00 | NNCNC | 0.00 | NNZDNC | 0.00 | | |
| GRNEO | 0.00 | NNM2R9 | 0.00 | | | | |

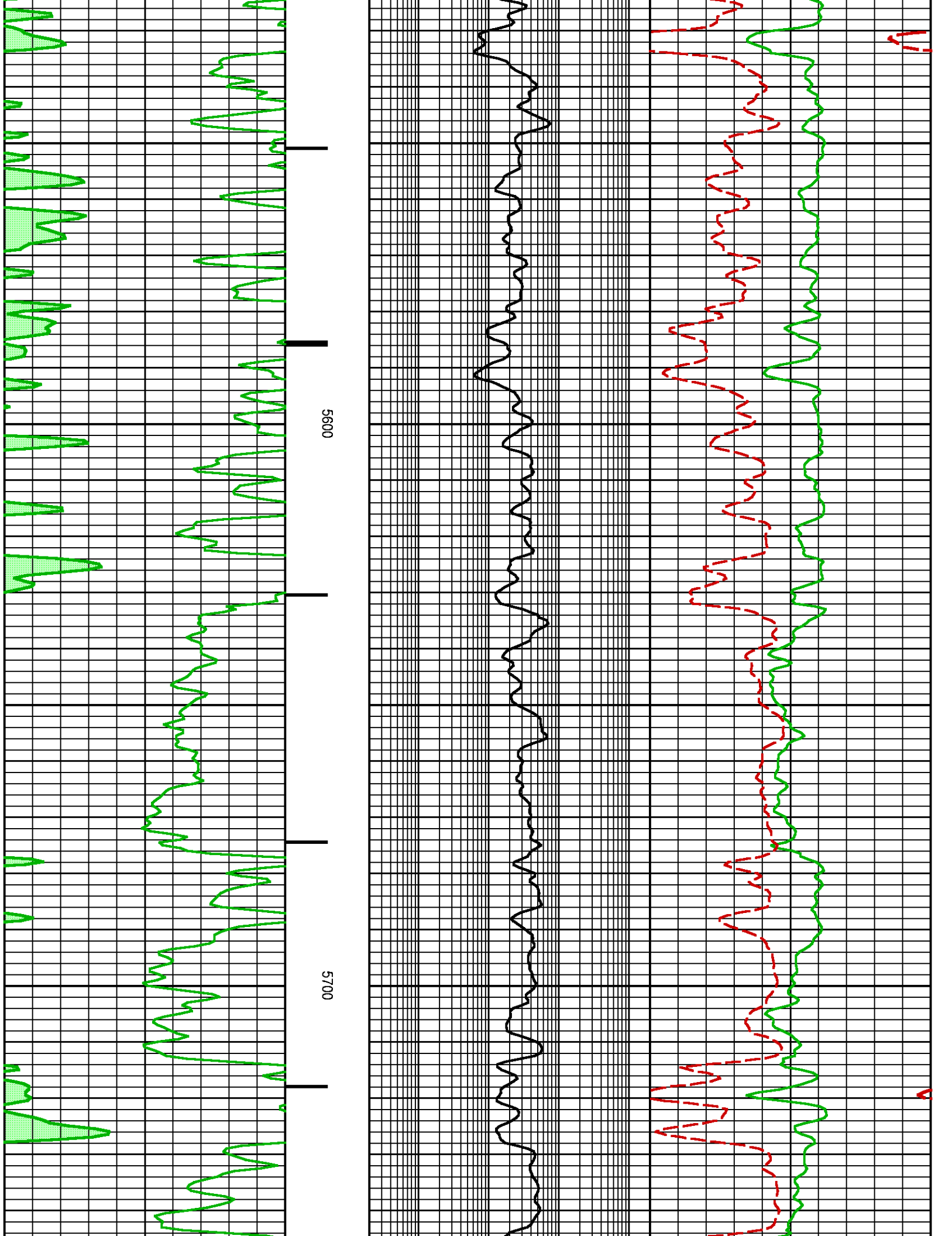
Project : NA
User : kamgseb
Presentation : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramiePiceance2809M\2NEO_PRESENTATION+PICEANCE 28-09M_Merged_Set_Final.fvpdf [5"/100' Scale]
Plot Interval : 4873 - 7919 Feet
Data File 1 : F1 : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramiePiceance2809M\2NEO_PRESENTATION+PICEANCE 28-09M_Merged_Set_Final.fvpdf
Created On : Sep 11 12:19:33 2015
Company : LARAMIE ENERGY
Well : PICEANCE 28-09M
Field : VEGA
File Interval : 2962 - 7926 Feet
OCT : NA

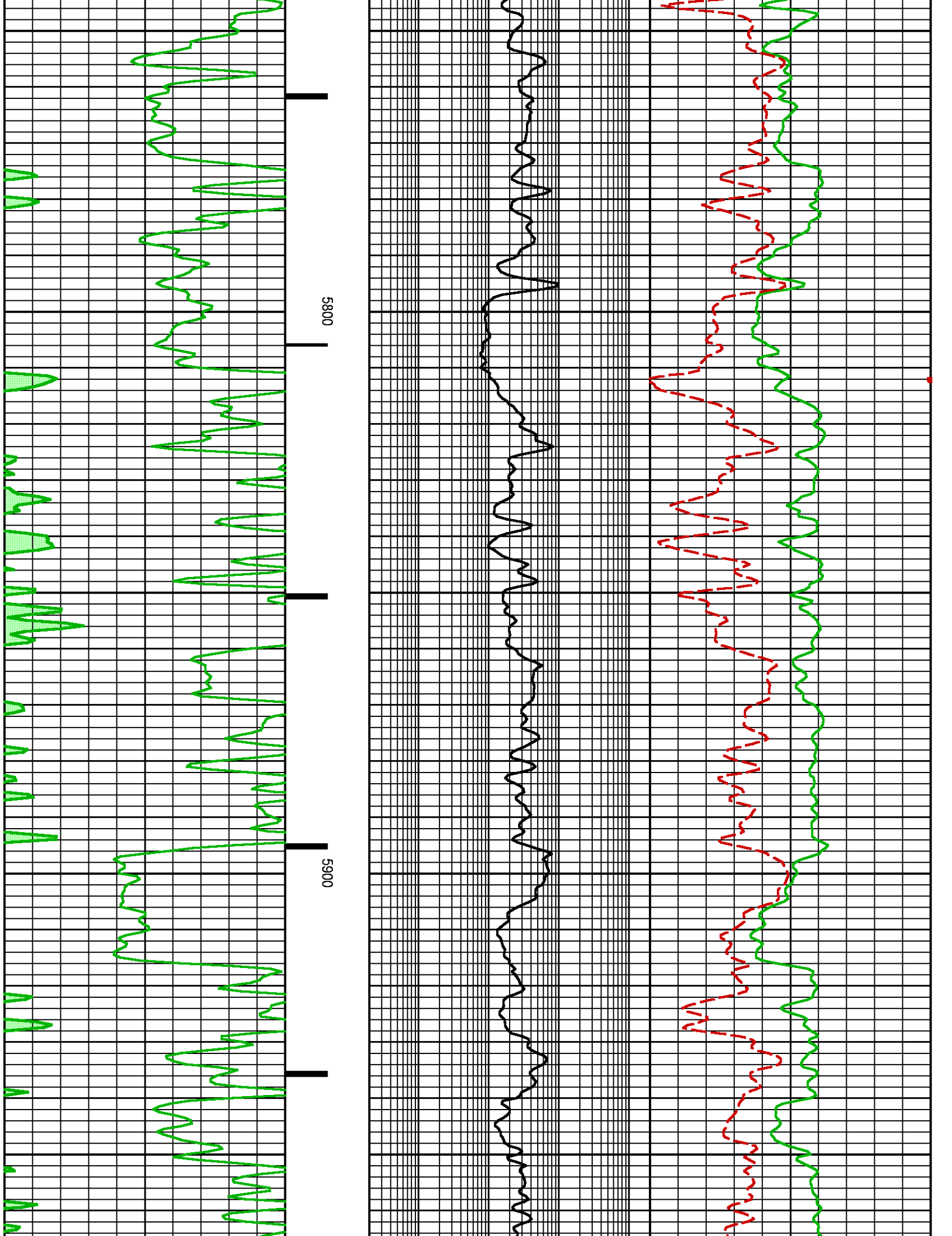


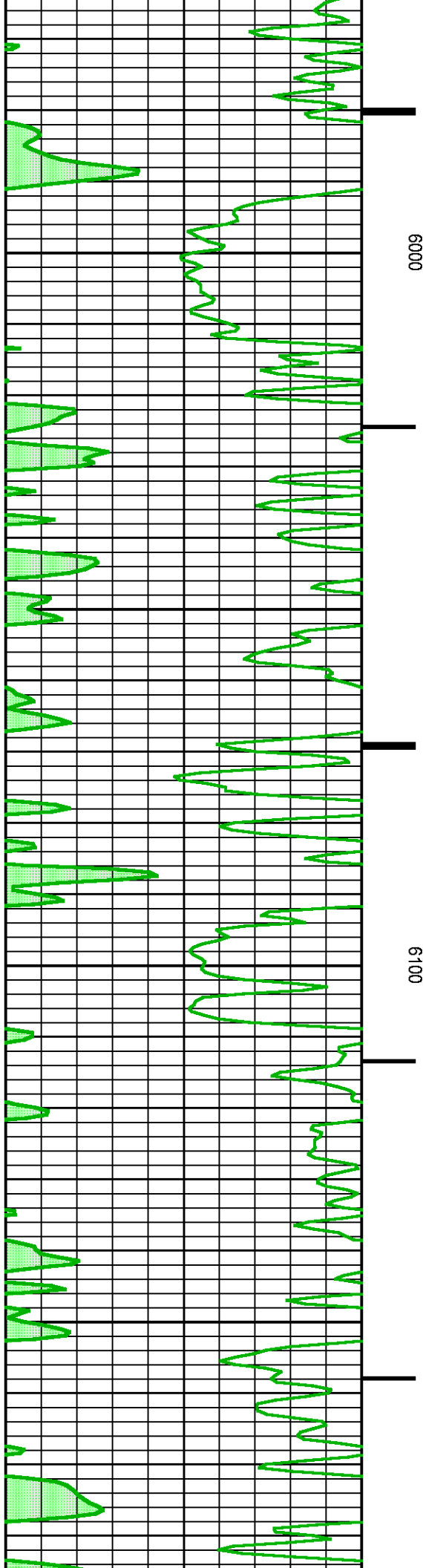






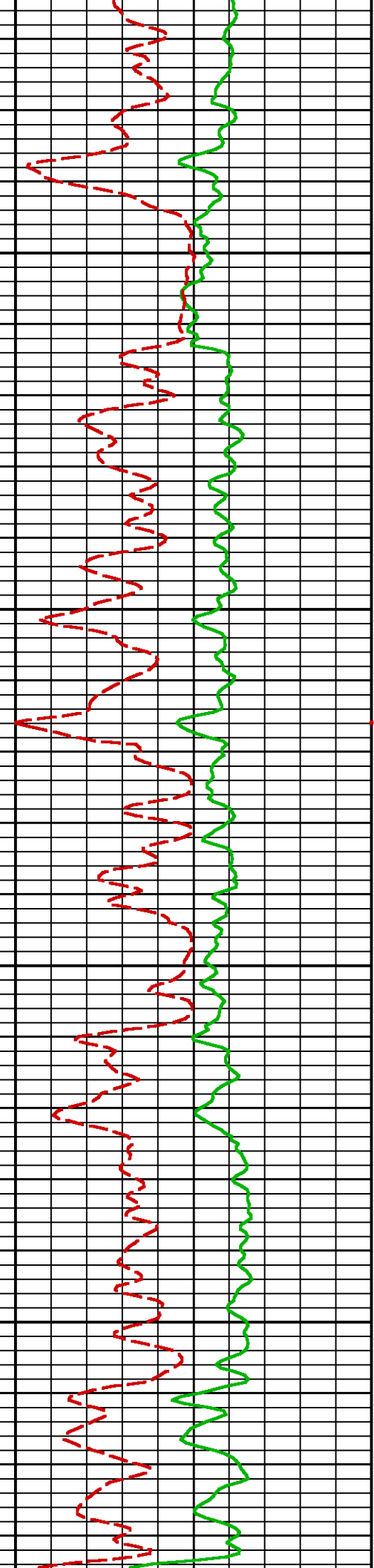
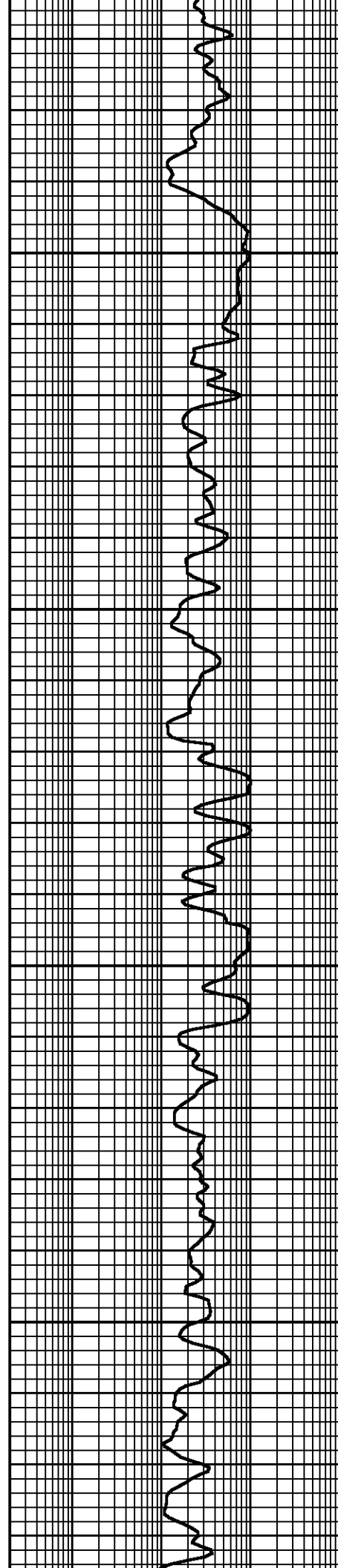


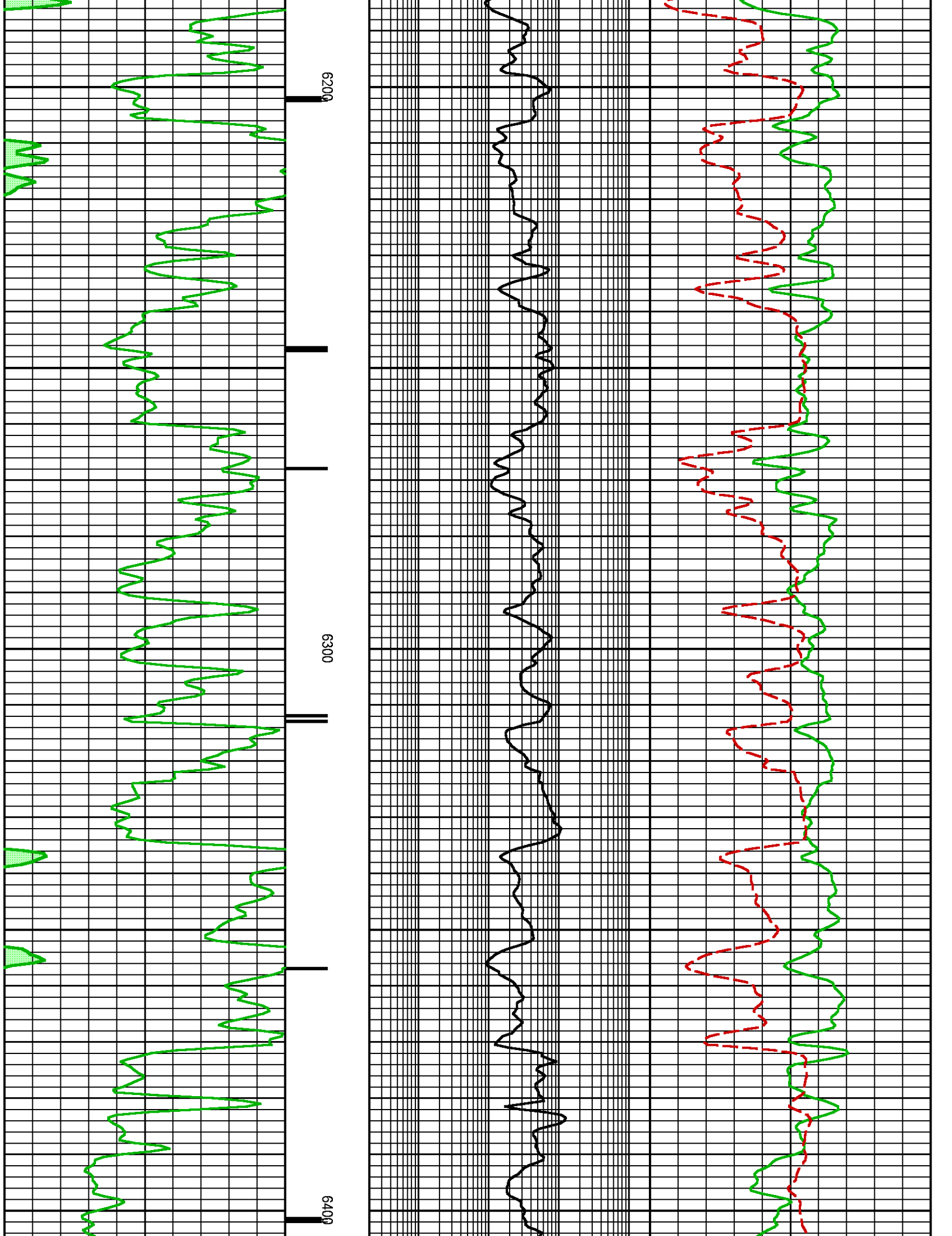


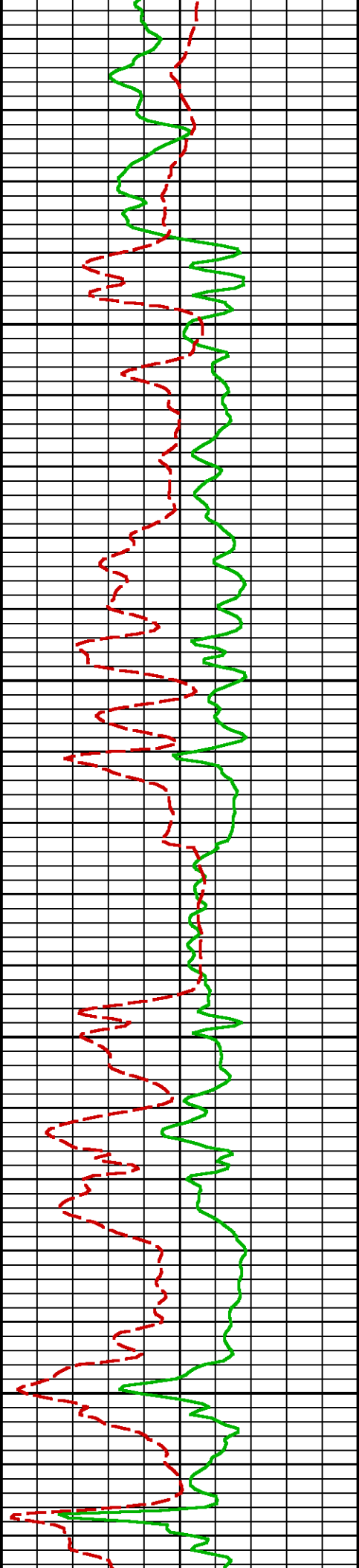
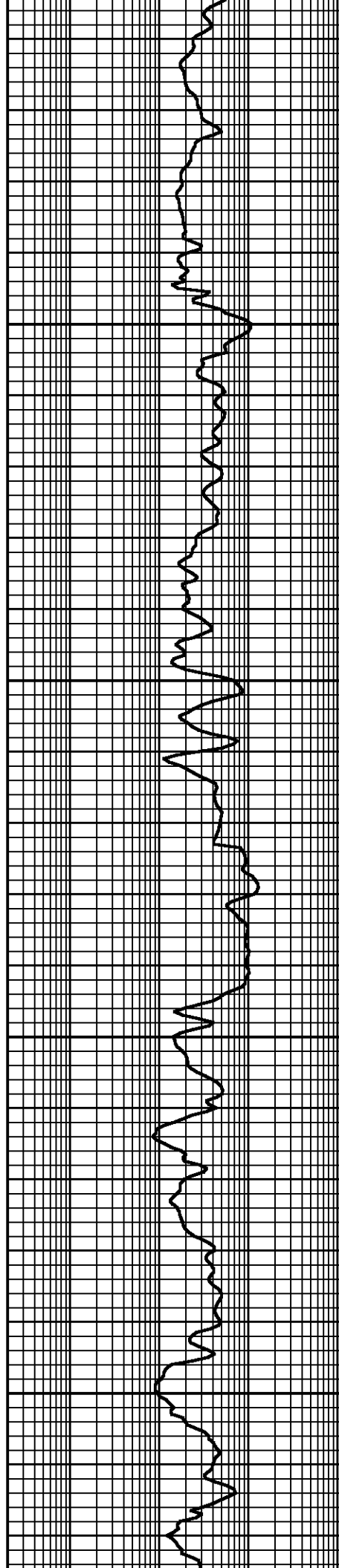
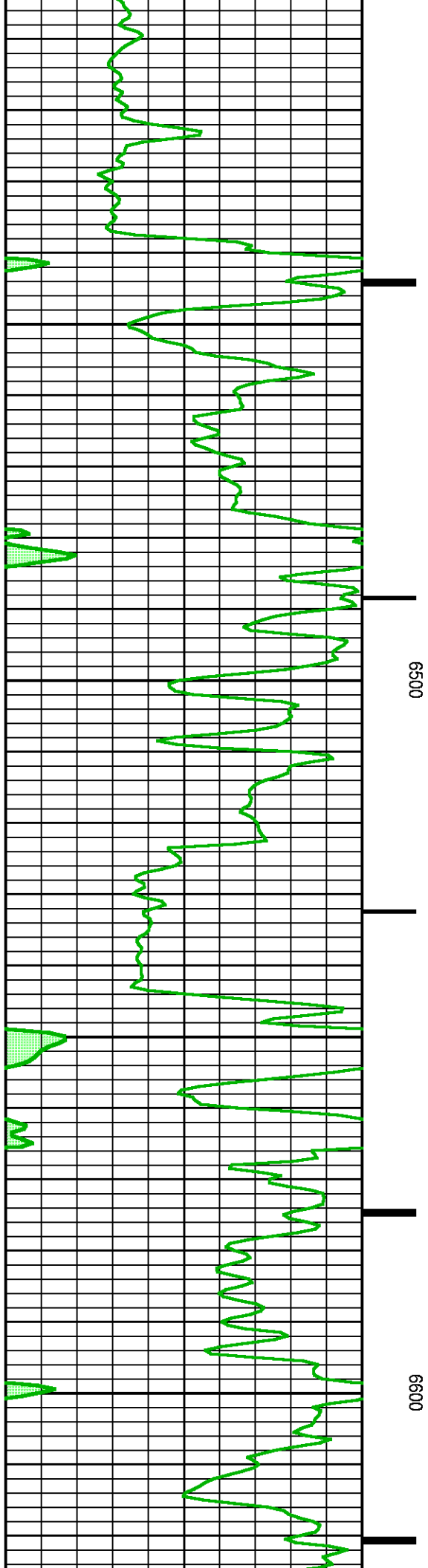


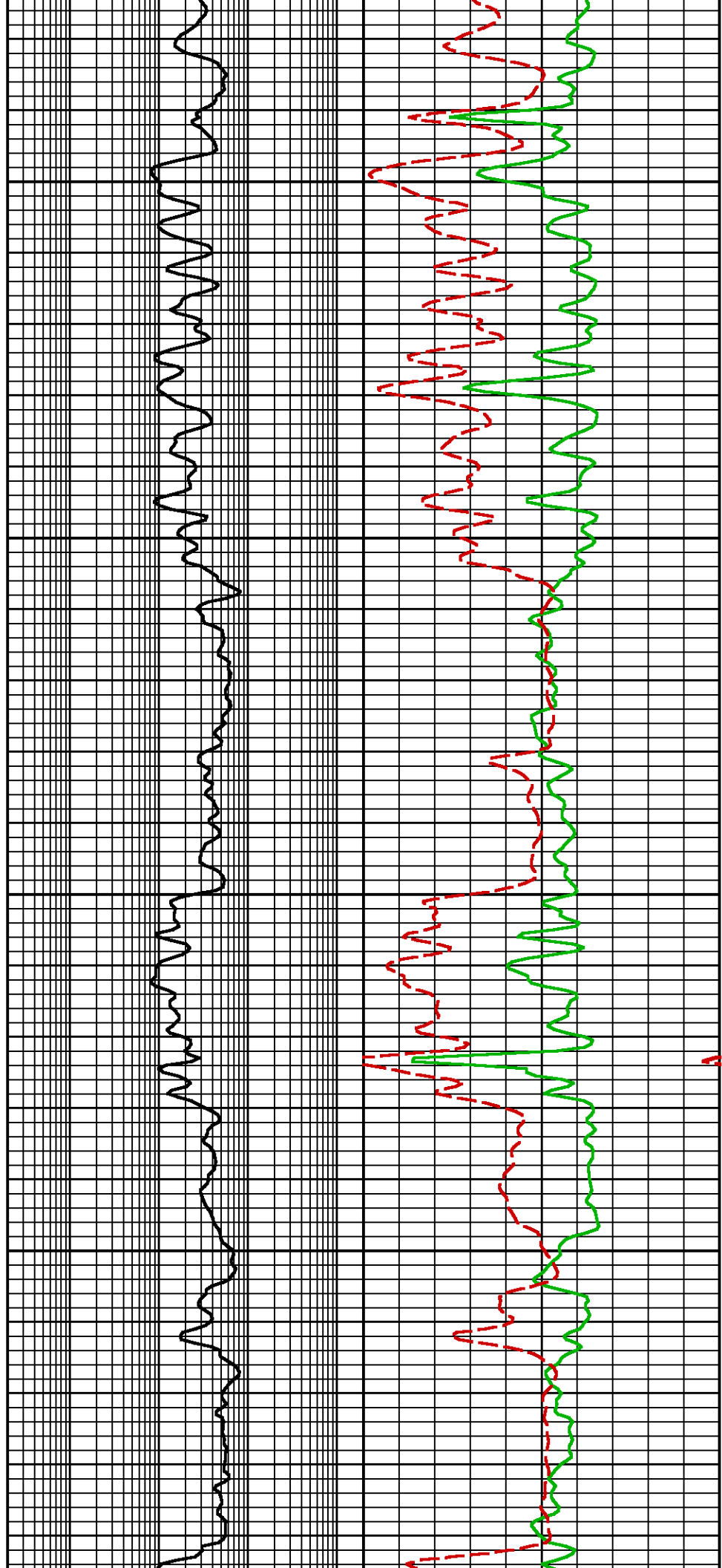
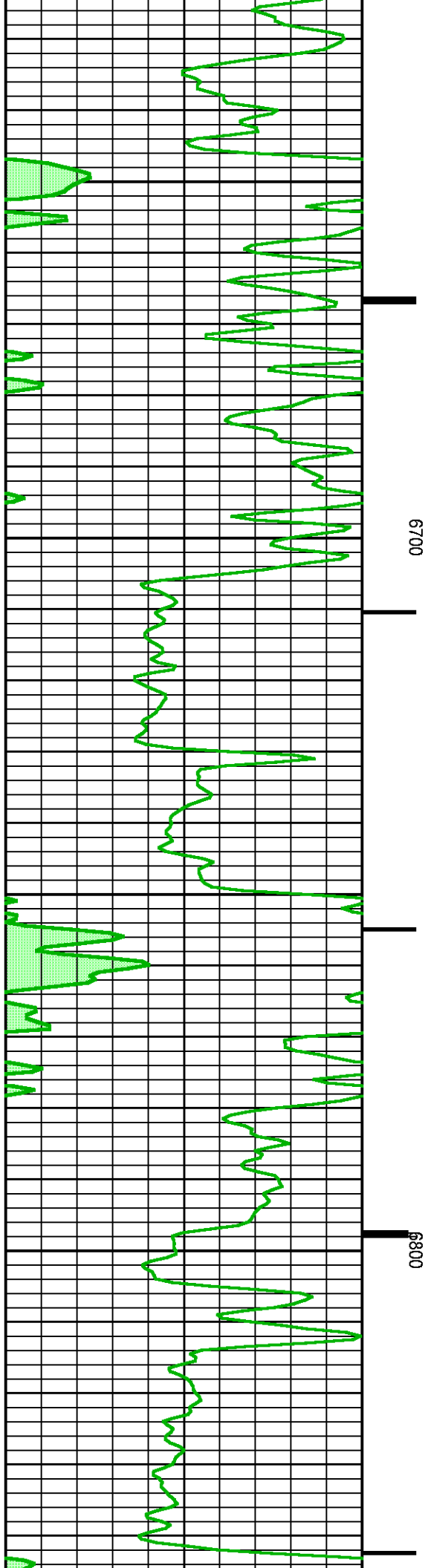
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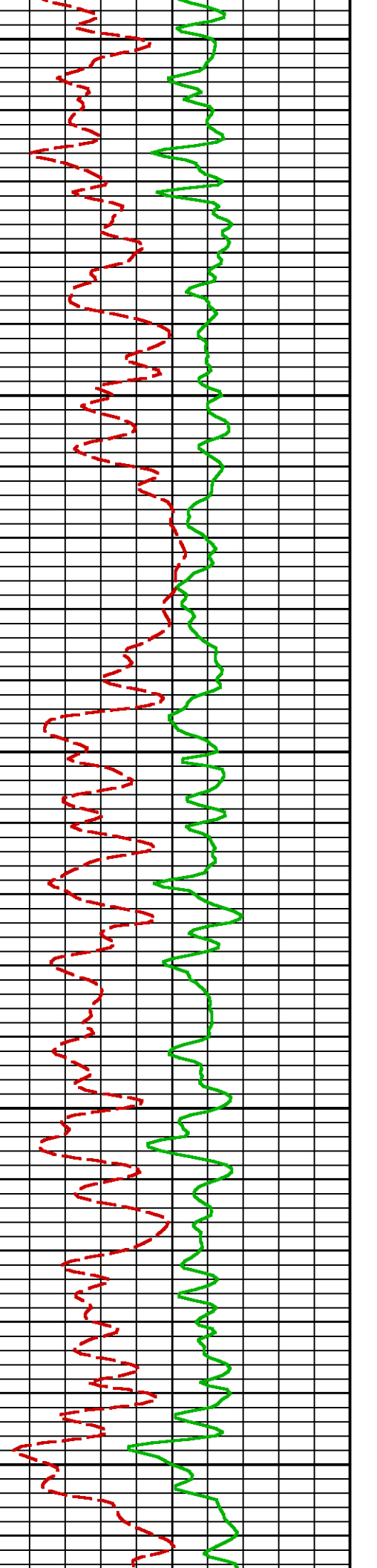
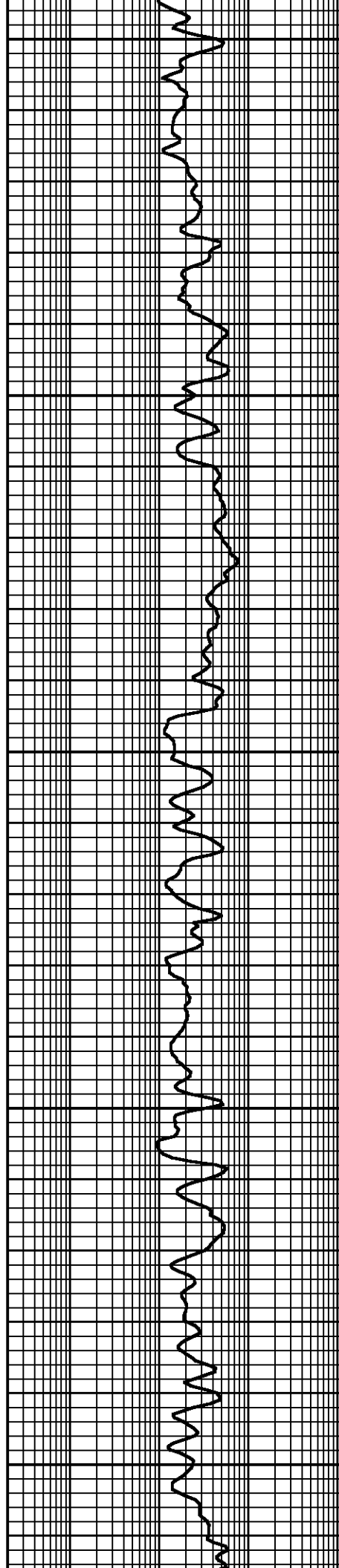
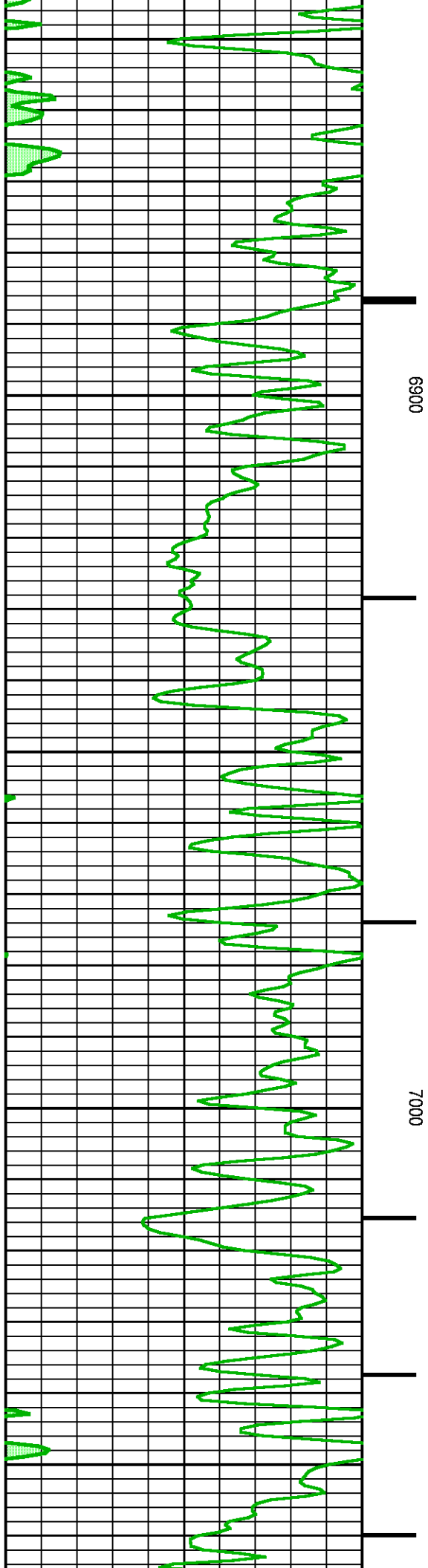
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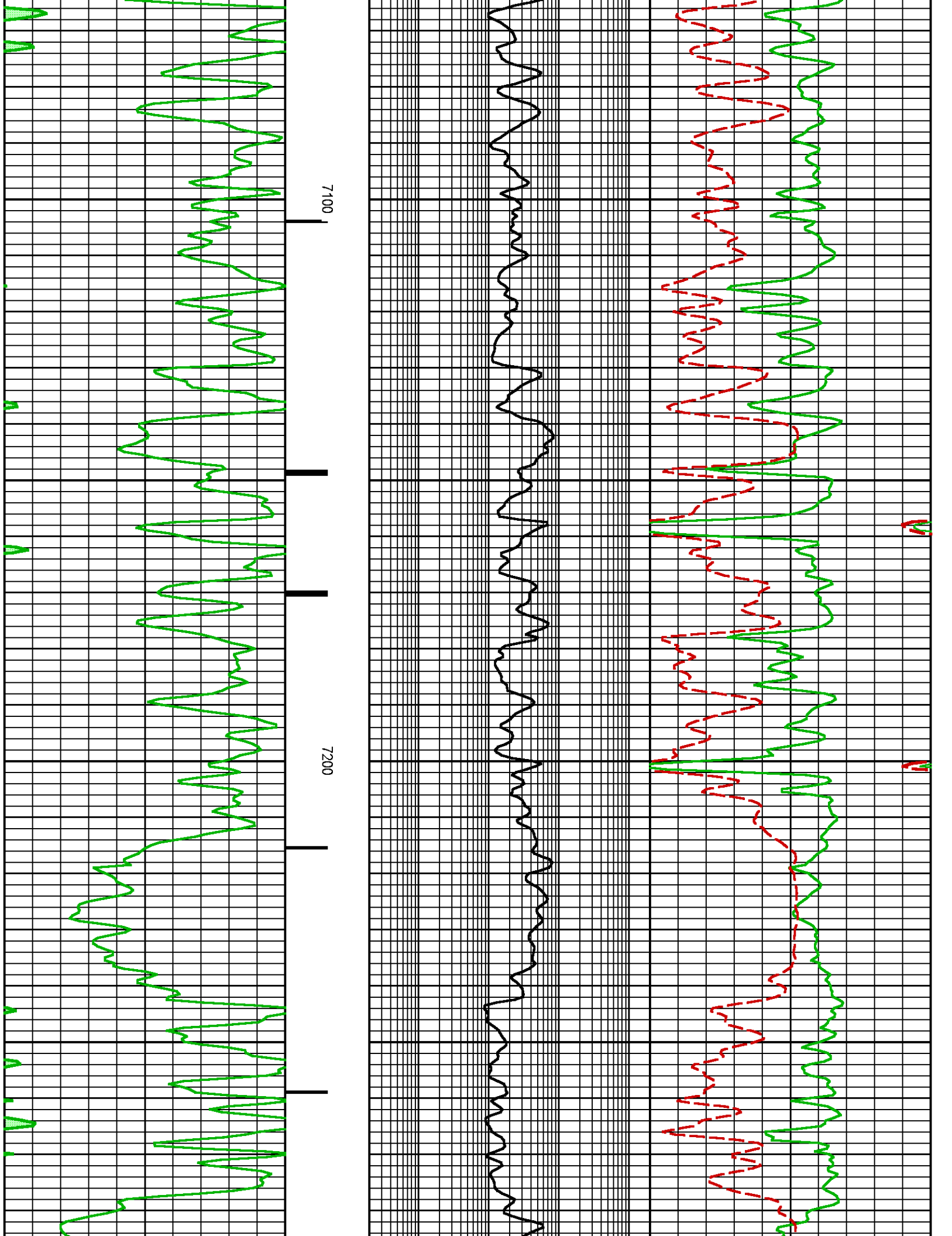


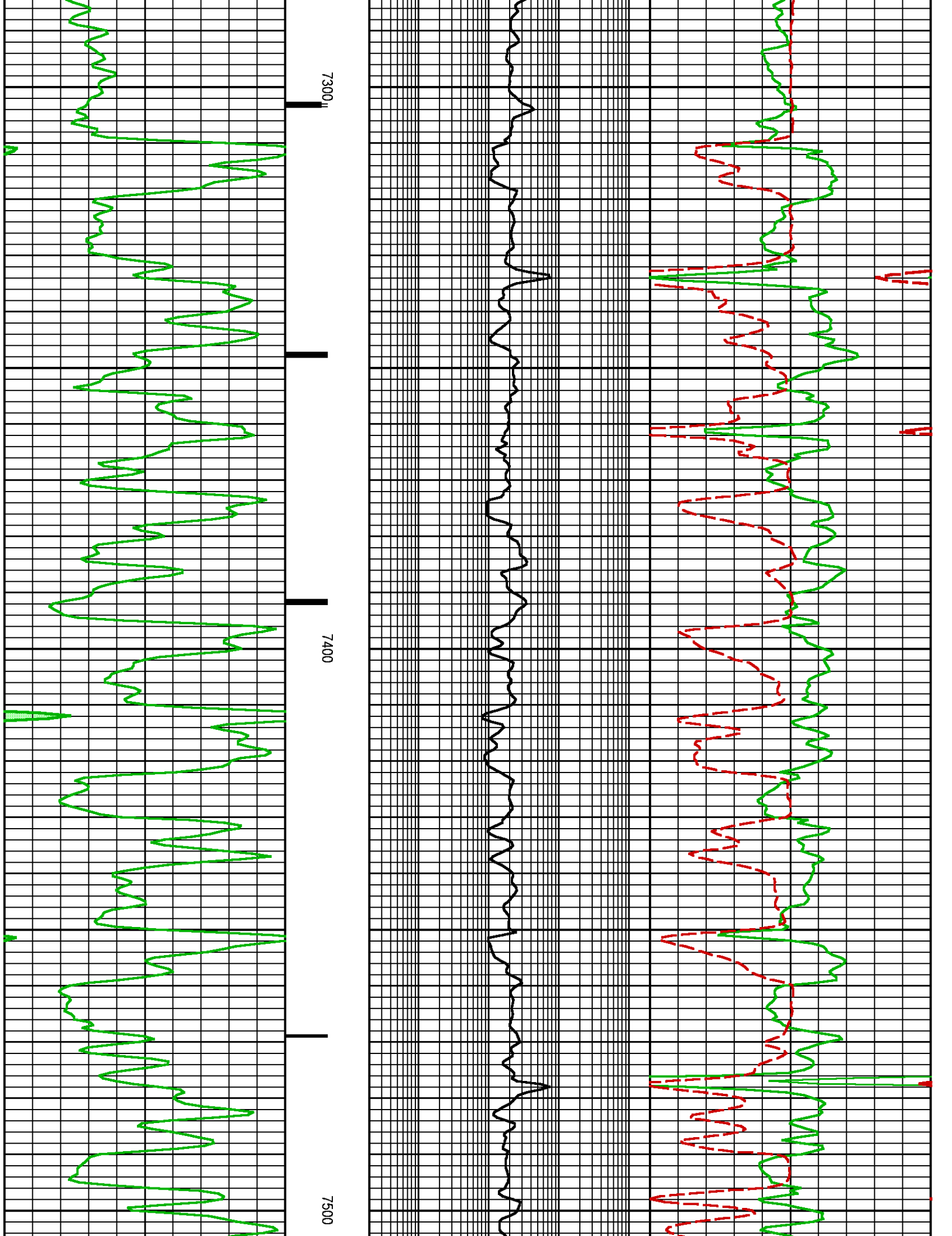


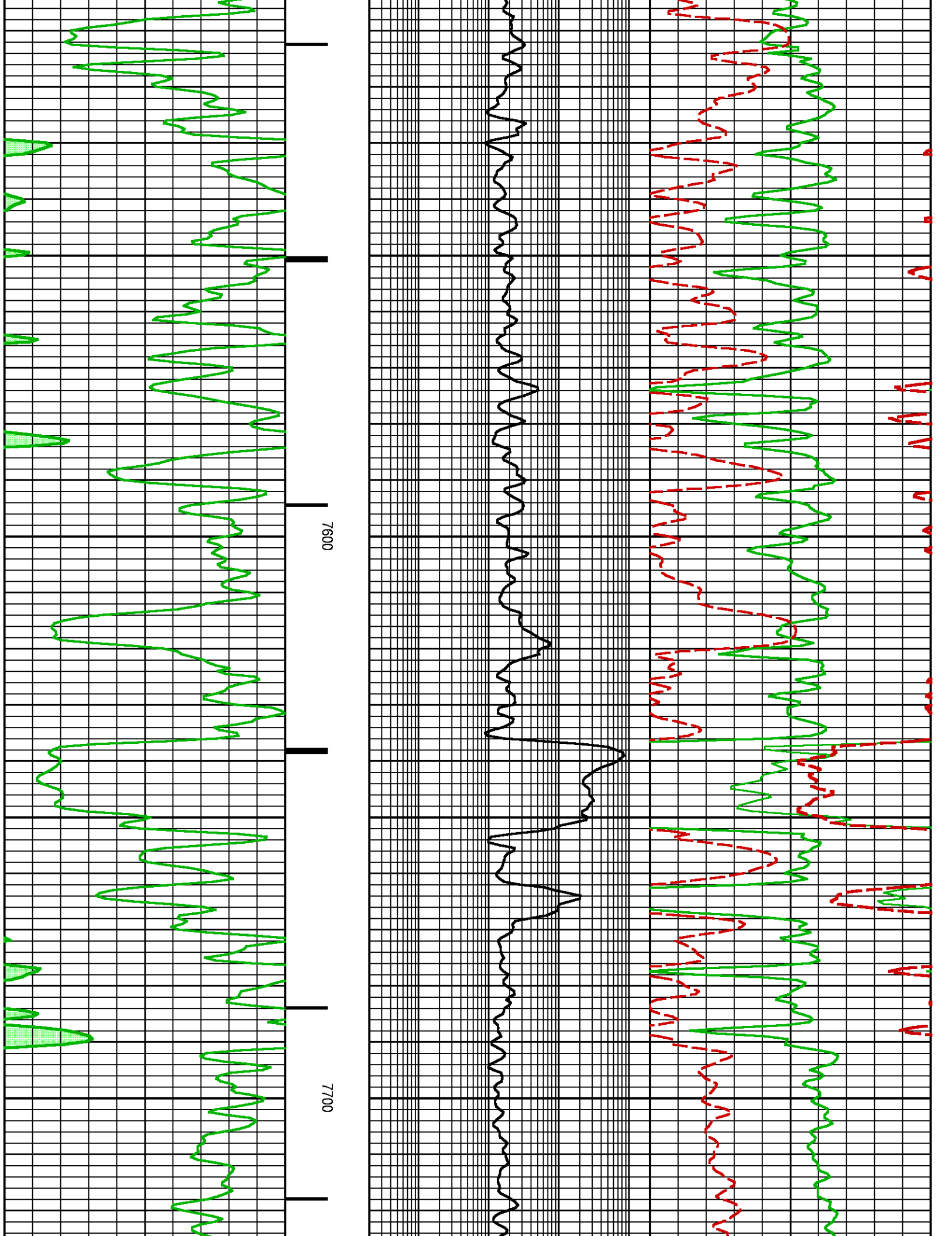


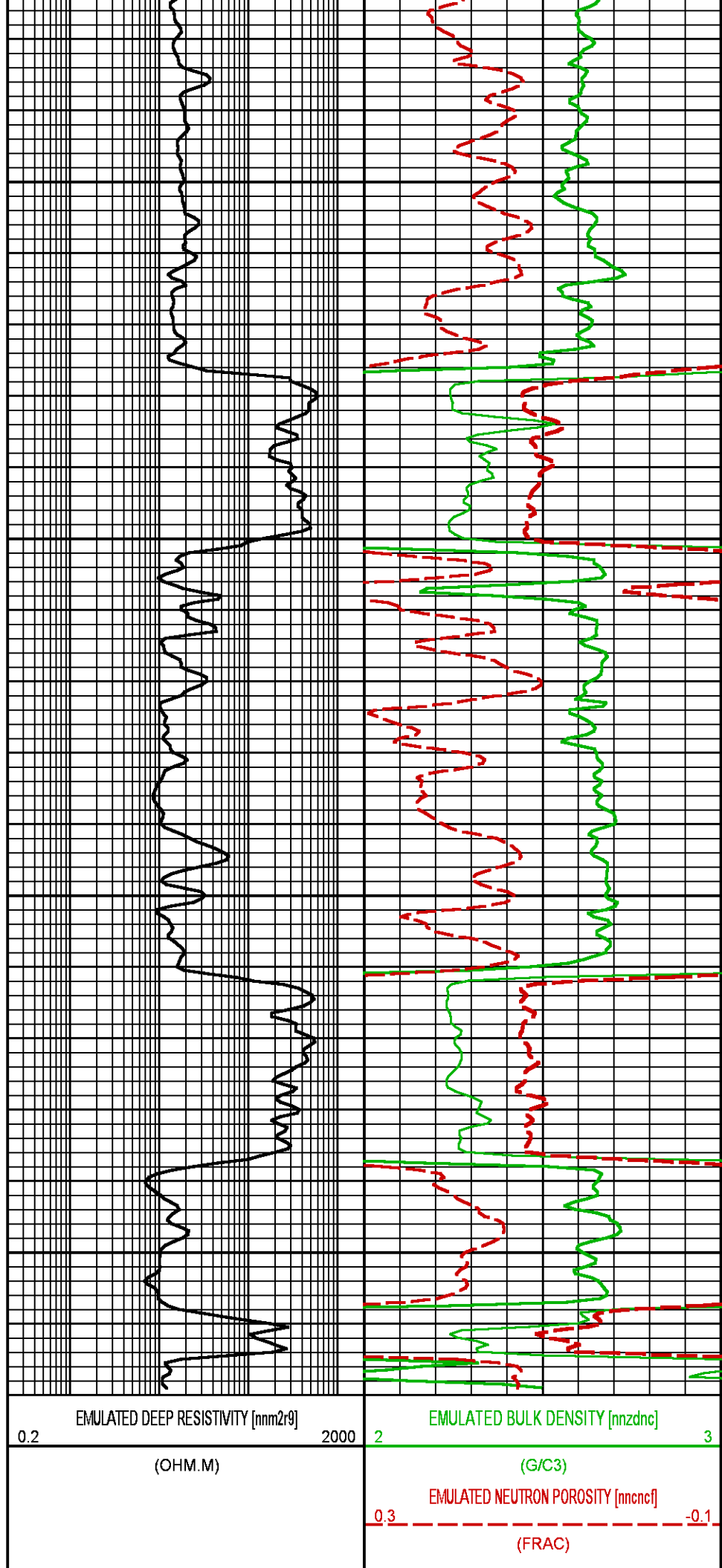
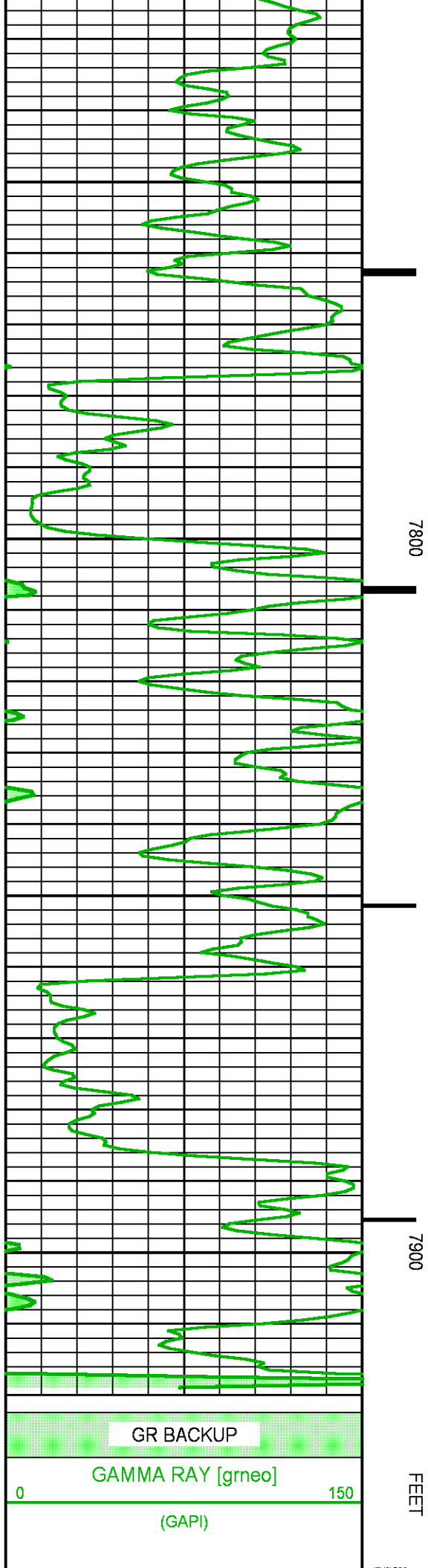





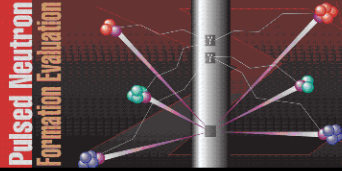








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| | | |
|--|--|---|
|  BAKER HUGHES  | COMPANY <u>LARAMIE ENERGY</u> | FILE NO: <u>20497-01</u> |
| | WELL <u>PICEANCE 28-09M</u> | API NO: <u>05077102380000</u> |
| | FIELD <u>VEGA</u> | |
| | COUNTY <u>MESA</u> STATE <u>COLORADO</u> | |
| LOCATION: <u>SEE REMARKS SECTION</u> SEC <u>28</u> TWP <u>9S</u> RGE <u>93W</u> | | ELEVATIONS: KB 7600 FT DF GL 7578 FT |
| | | DATE 11-SEP-2015 |