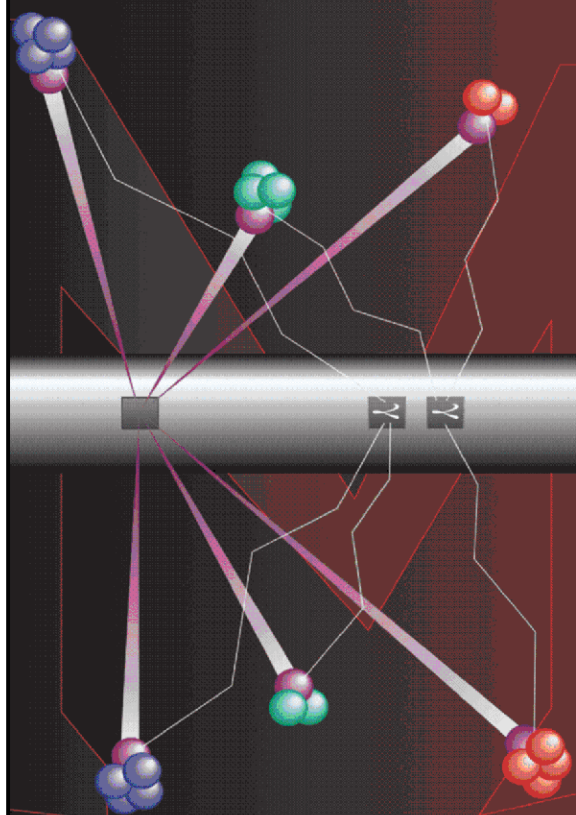




Pulsed Neutron Formation Evaluation



NEO Neutron Emulated Openhole

COMPANY LARAMIE ENERGY

WELL PICEANCE FEDERAL 28-01M

FIELD VEGA

COUNTY MESA STATE COLORADO

LOCATION:

SEE REMARKS SECTION

SEC 28 TWP 9S RGE 93W

ELEVATIONS:

KB 7578 FT DF GL 7556 FT

DATE 29-OCT-2015 ECC 21103-01

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>29-OCT-2015</u>
FIELD DATA	LOCATION: <u>GRAND JCT</u>		ENGINEER: <u>SPENCER / US100238J</u>	DATE: <u>26-OCT-2015</u>
FROM	TO			
<u>2692 FT</u>	<u>3289 FT</u>			
<u>5184 FT</u>	<u>8172 FT</u>			

REMARKS

LOCATION:
SHL: LAT 39.251103; LONG -107.779553
BHL: LAT 39.254956; LONG -107.774522

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 DEPTH REFERENCE LOG

NEO RESULTS FOR PICEANCE FEDERAL 28-01M (G-SAND)

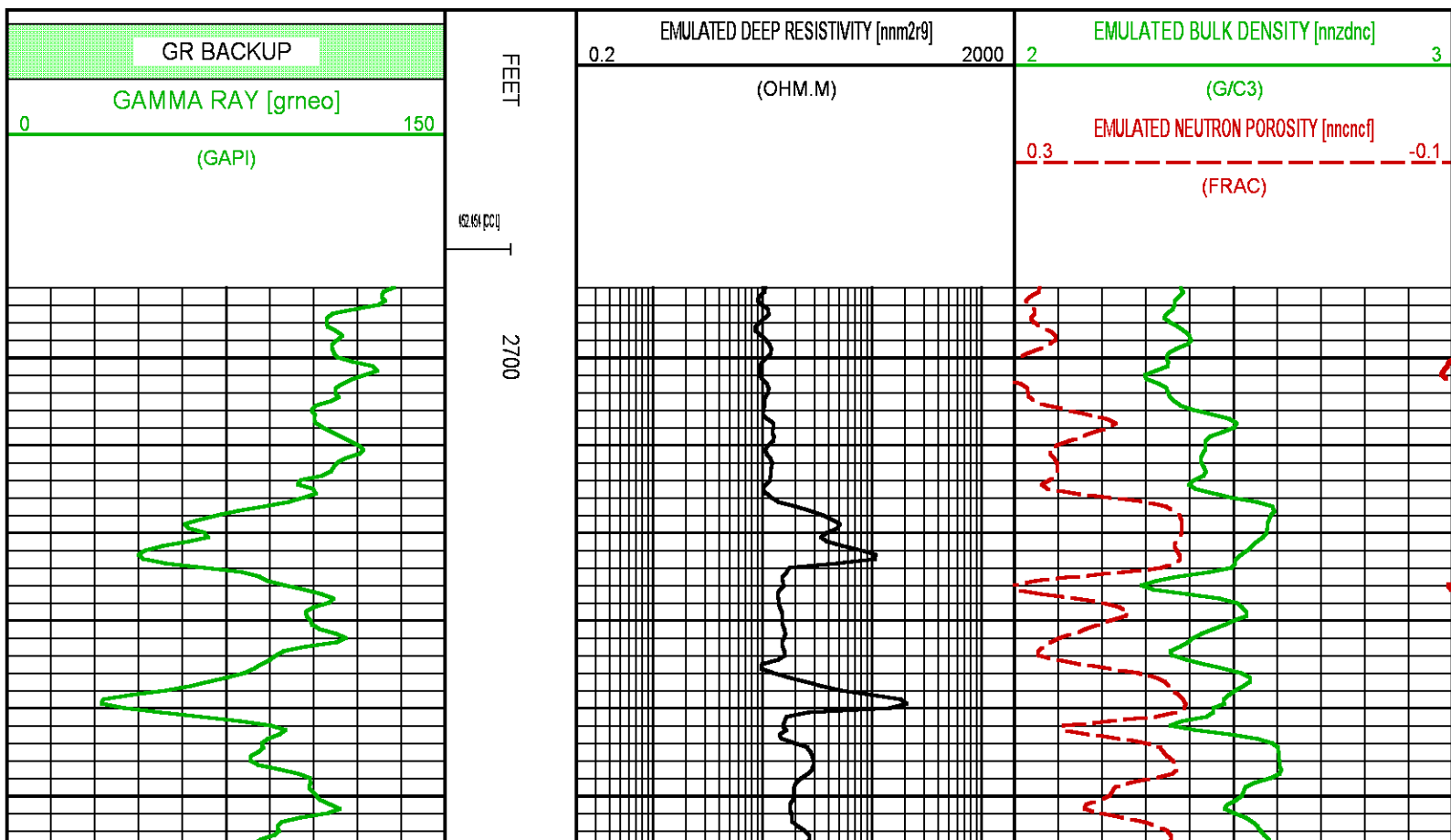
ECLIPS EC PLOT 6.2 ECLIPS Plotting & Post-Processing Mon 11/17/2014 14:36:44.29

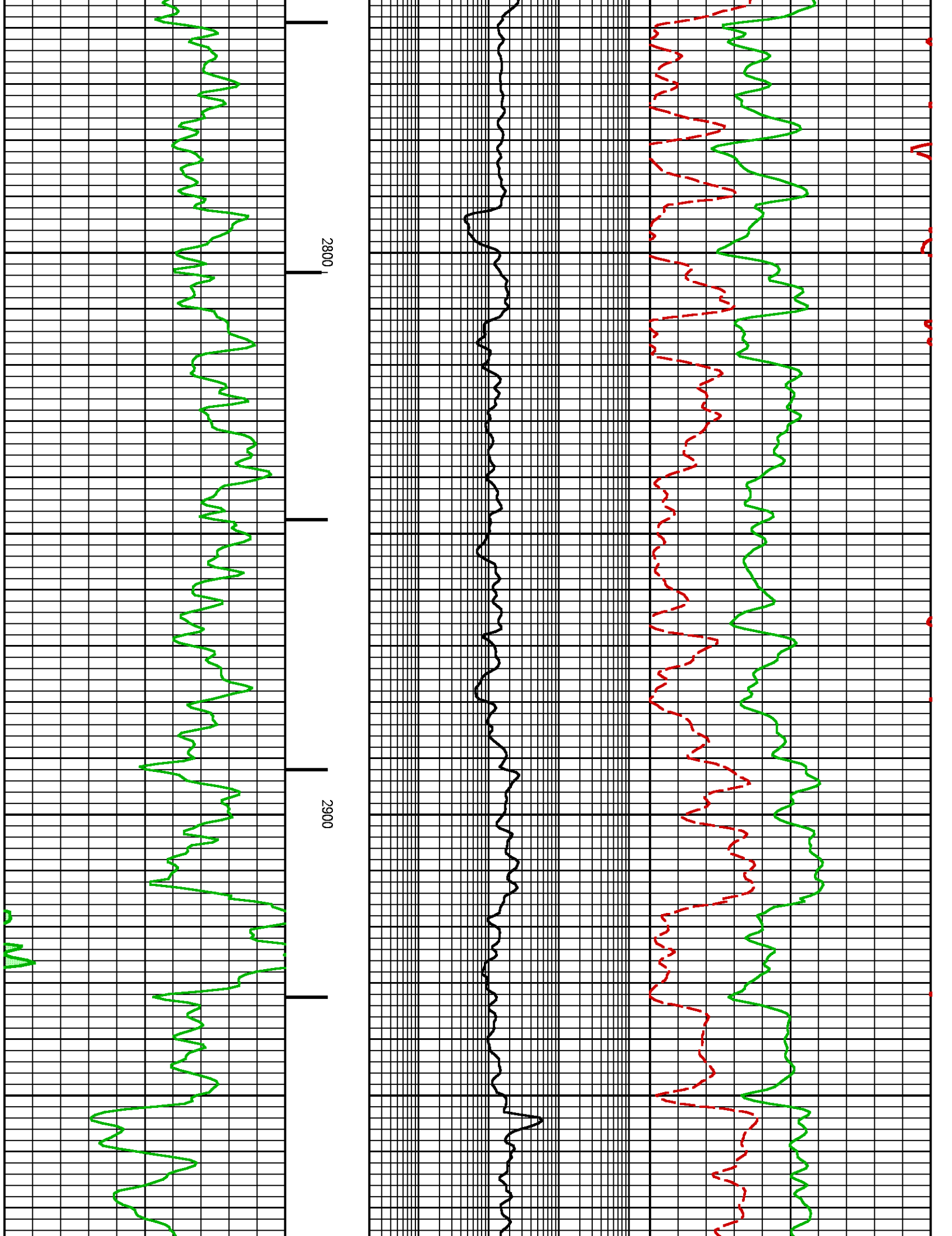
Plotted: Thu Oct 29 15:04:09 2015

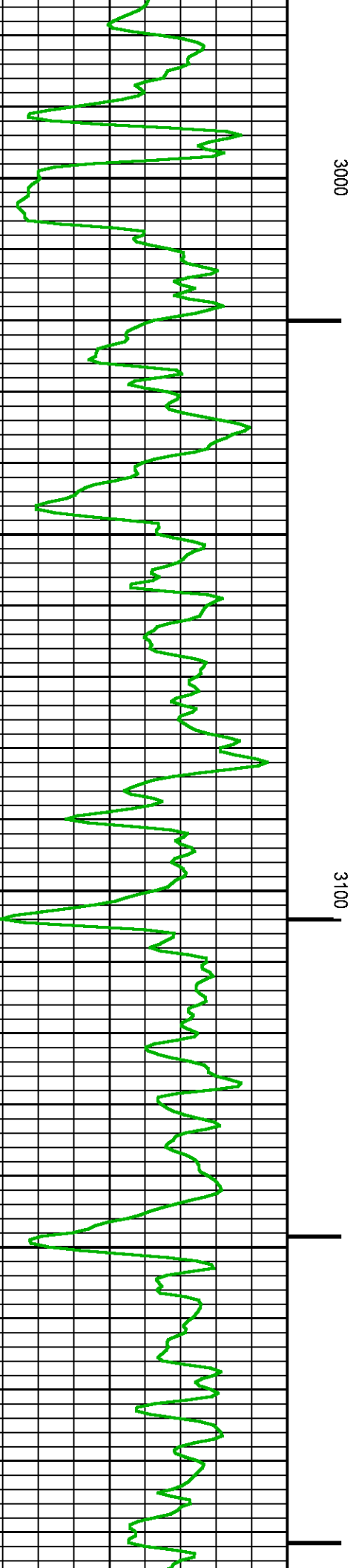
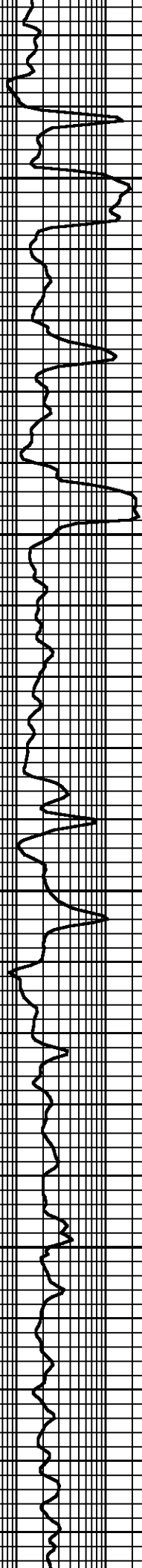
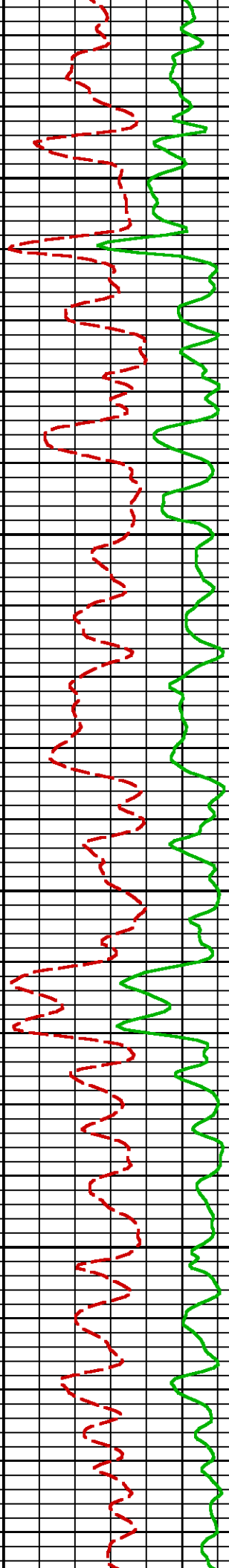
CURVE MEASURE POINT OFFSET

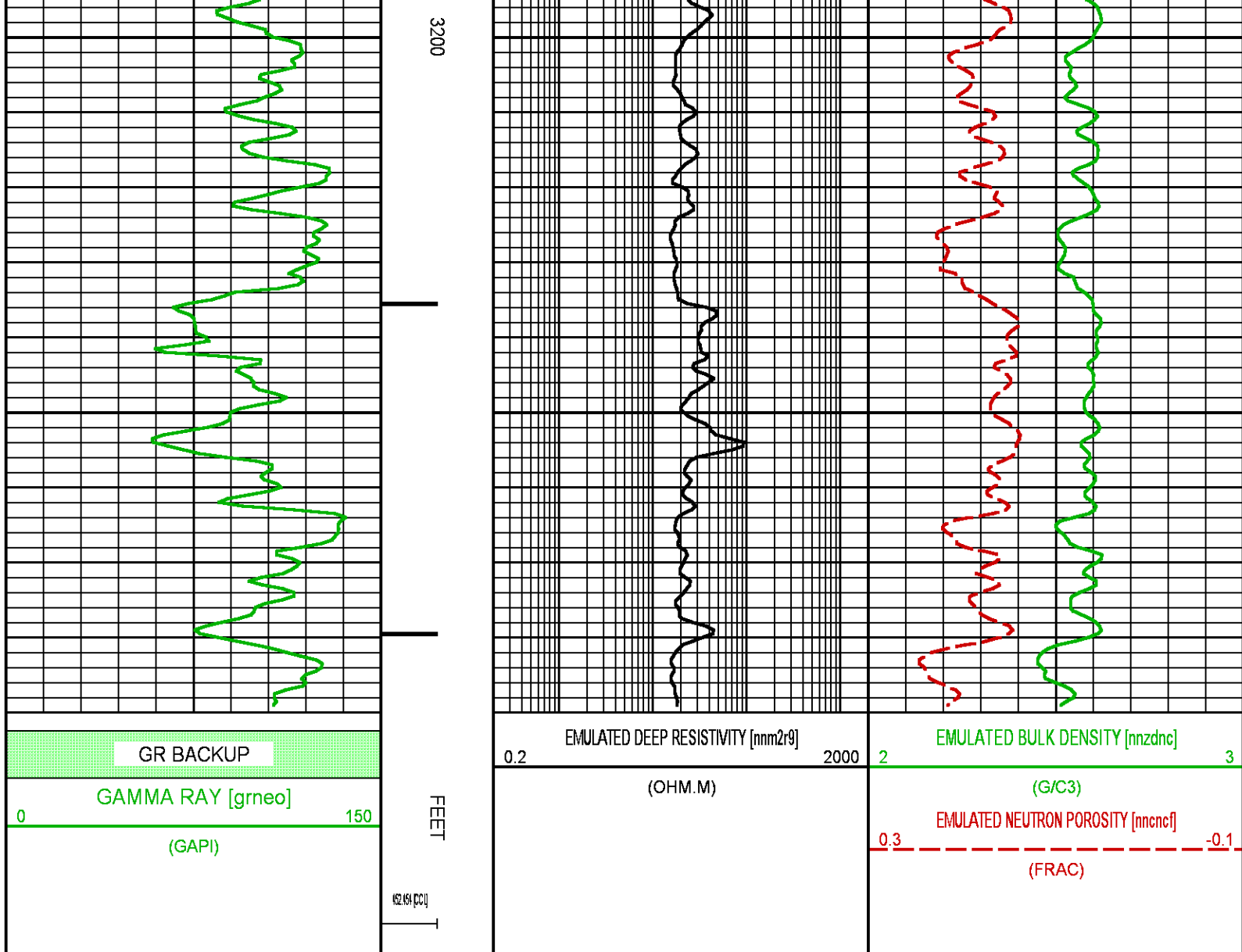
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	0.00	NNCNC	0.00	NNZDNC	0.00		
GRNEO	0.00	NNM2R9	0.00				

Project : NA
User : kamgseb
Presentation : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramiePiceanceFederal2801M\1NEO_PRESENTATION+PICEANCE 28-01M_Merged_Set_Final.fvpdf [5"/100' Scale]
Plot Interval : 2692 - 3289 Feet
Data File 1 : F1 : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramiePiceanceFederal2801M\1PICEANCE 28-01M_Merged_Set_Final.xtf
Created On : Oct 29 14:48:08 2015
Company : LARAMIE ENERGY
Well : PICEANCE 28-01M
Field : VEGA
File Interval : 2692 - 8180 Feet
OCT : NA









NEO RESULTS FOR PICEANCE FEDERAL 28-01M (MAIN)

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

Plotted: Thu Oct 29 15:04:02 2015

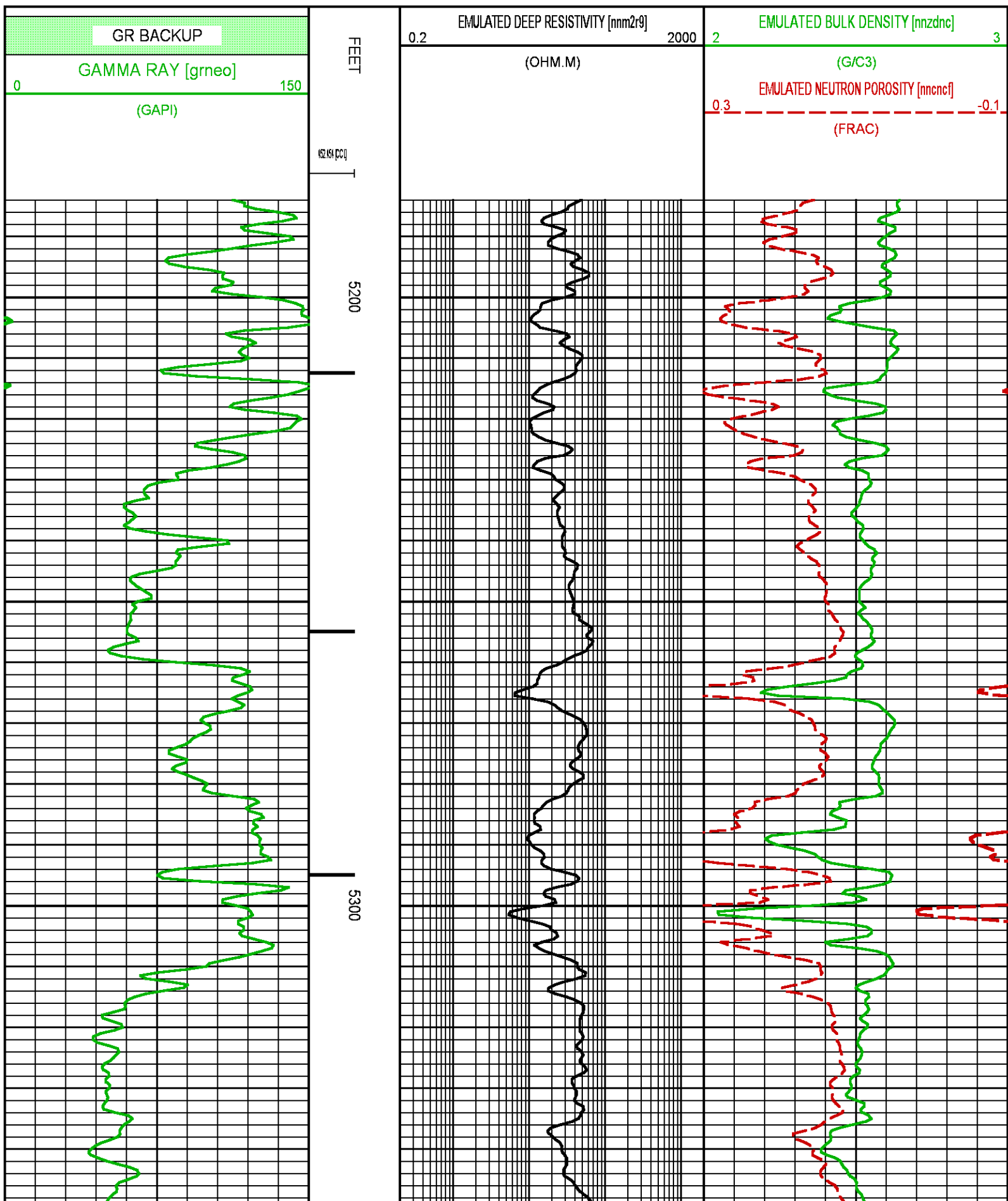
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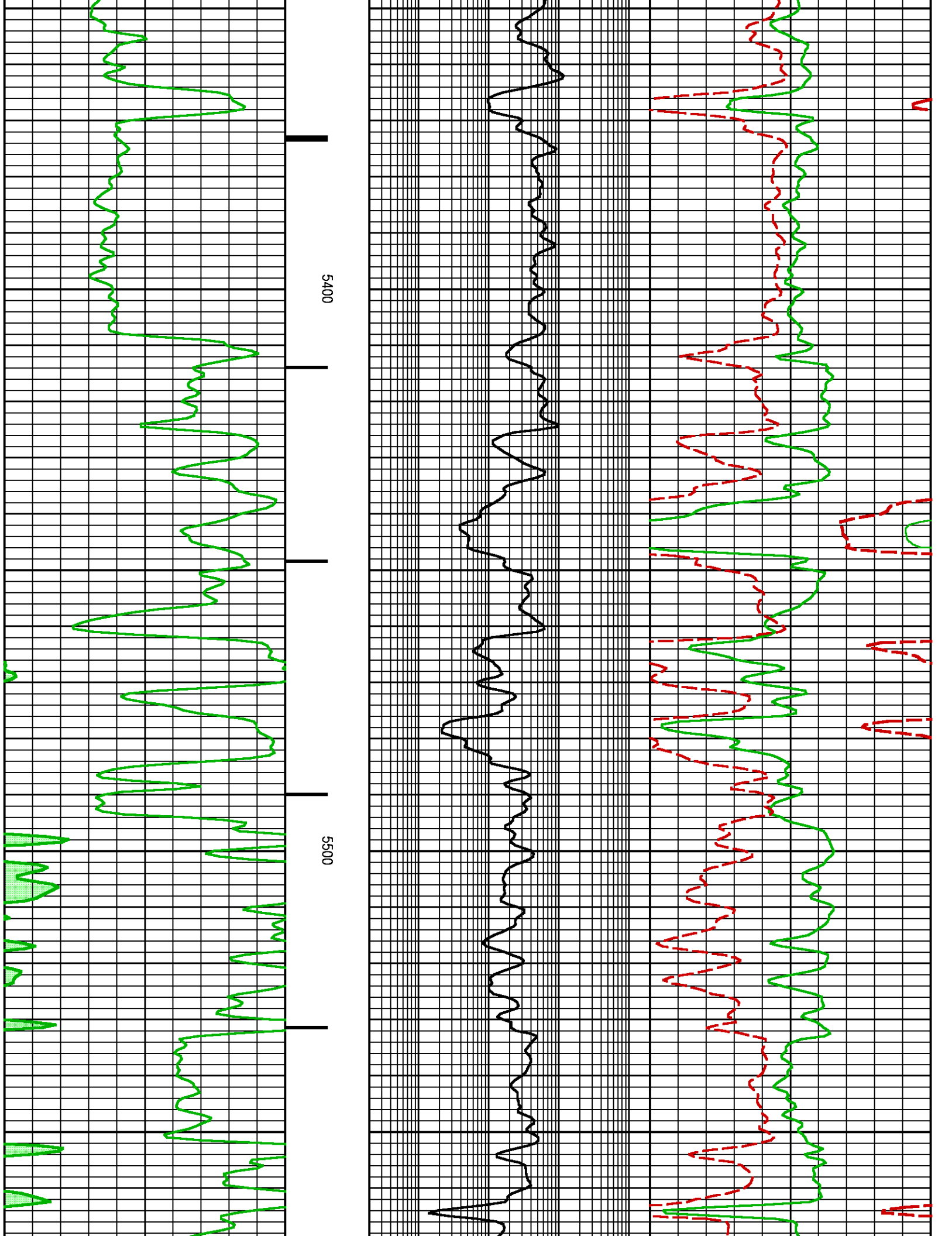
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
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GRNEO	0.00	NNM2R9	0.00				

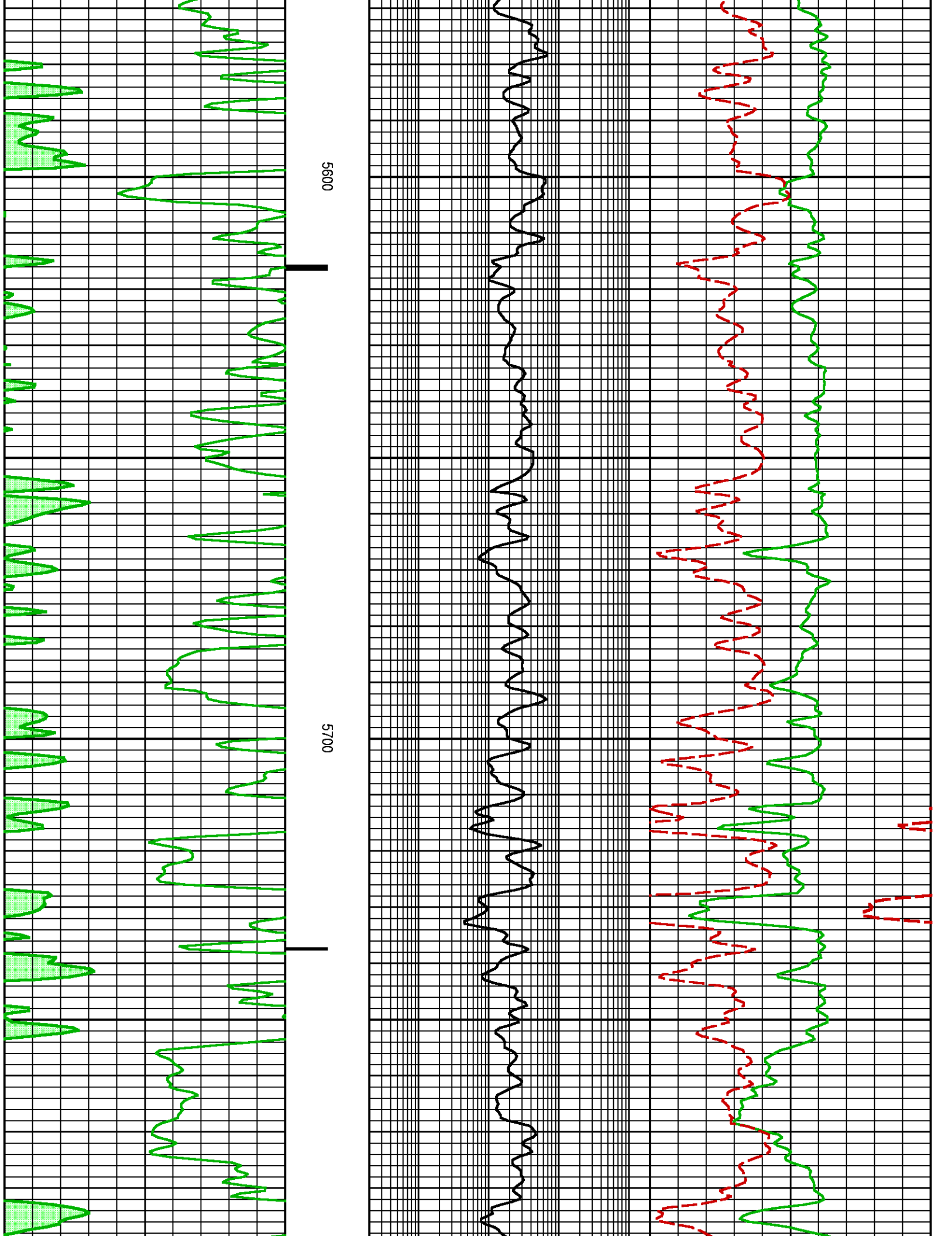
Project : NA
 User : kamgseb
 Presentation : BHIBZG9YY1:E:\Projects\Processing\NEO\LaramiePiceanceFederal2801M\2NEO_PRESENTATION+PICEANCE 28-01M_Merged_Set_Final.fvpdf [5"/100' Scale]
 Plot Interval : 5184 - 8172 Feet

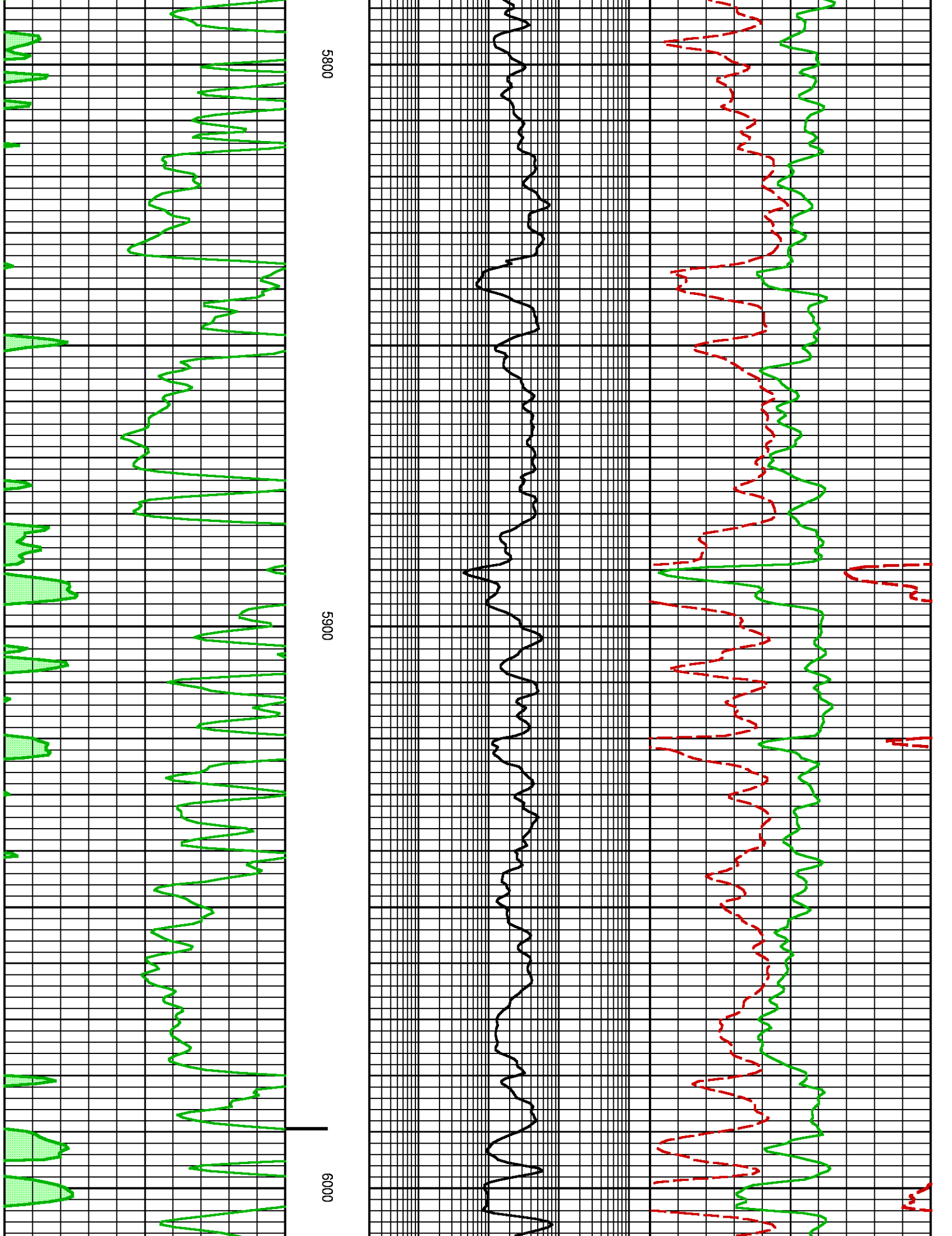
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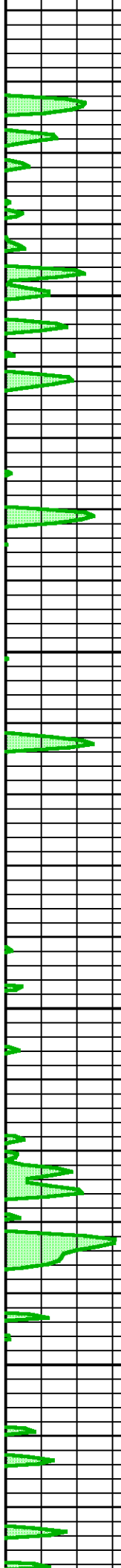
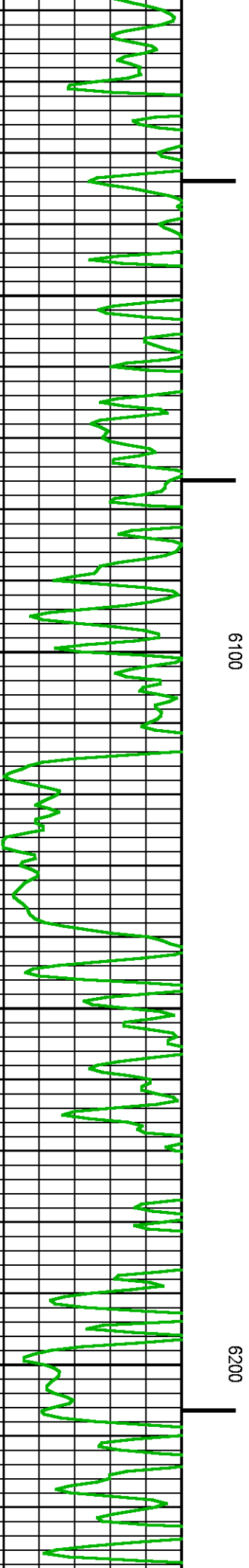
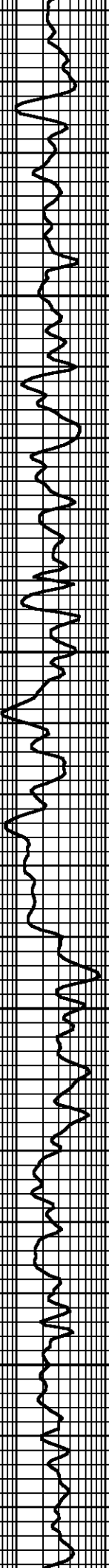
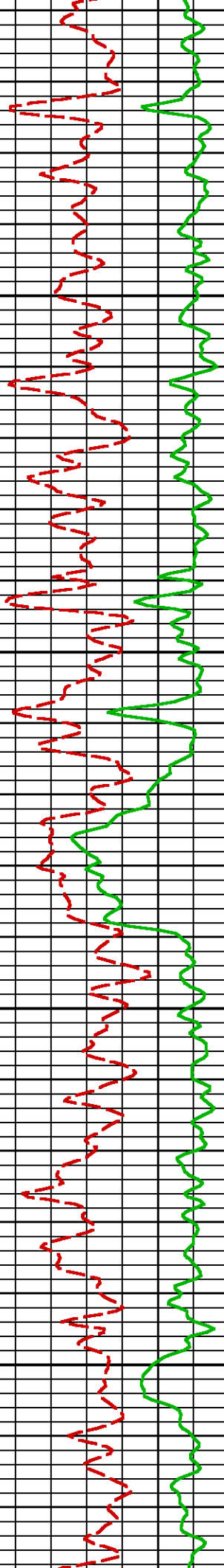
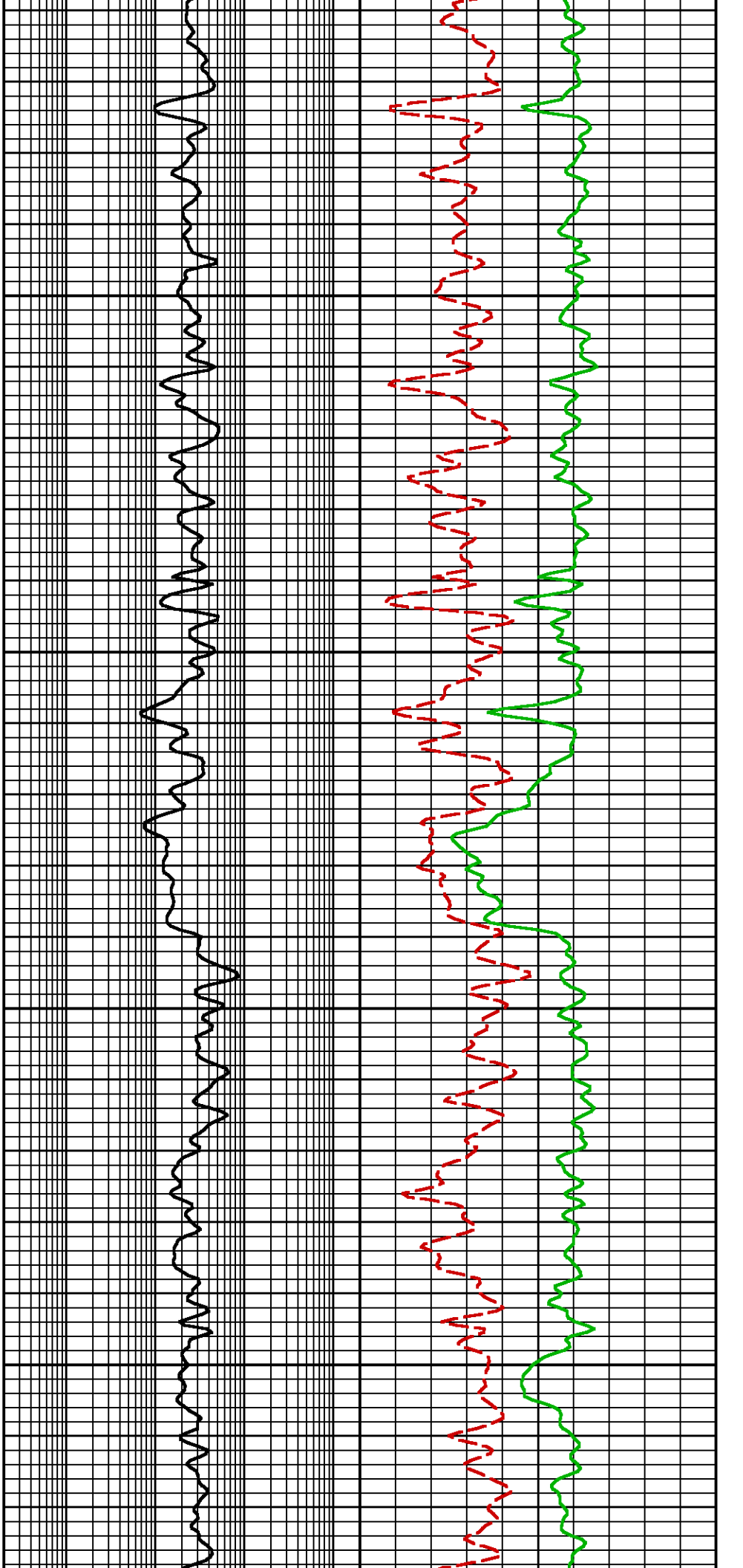
Created On : Oct 29 14:48:08 2015
 Company : LARAMIE ENERGY
 Well : PICEANCE 28-01M
 Field : VEGA
 File Interval : 2692 - 8180 Feet
 OCT : NA





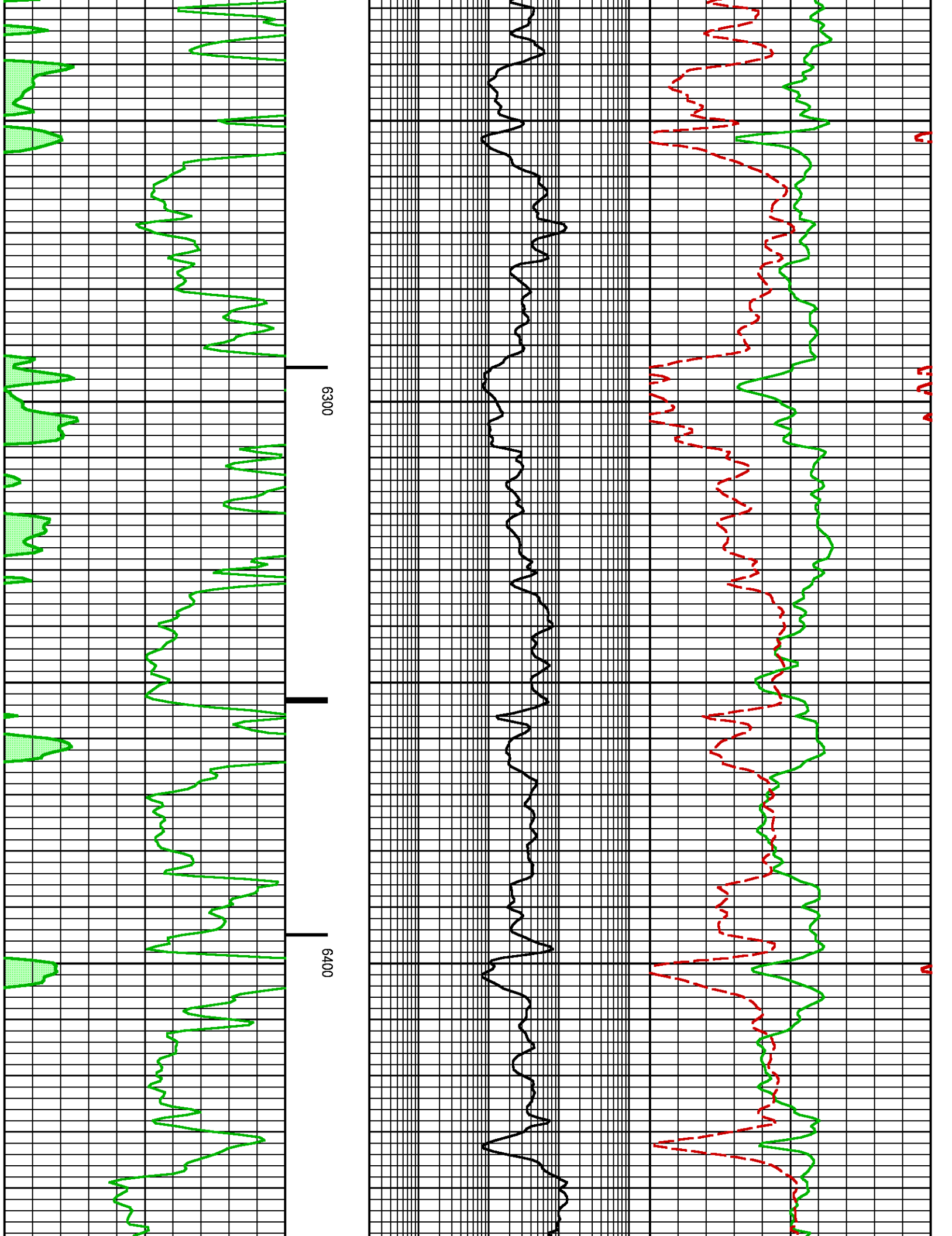


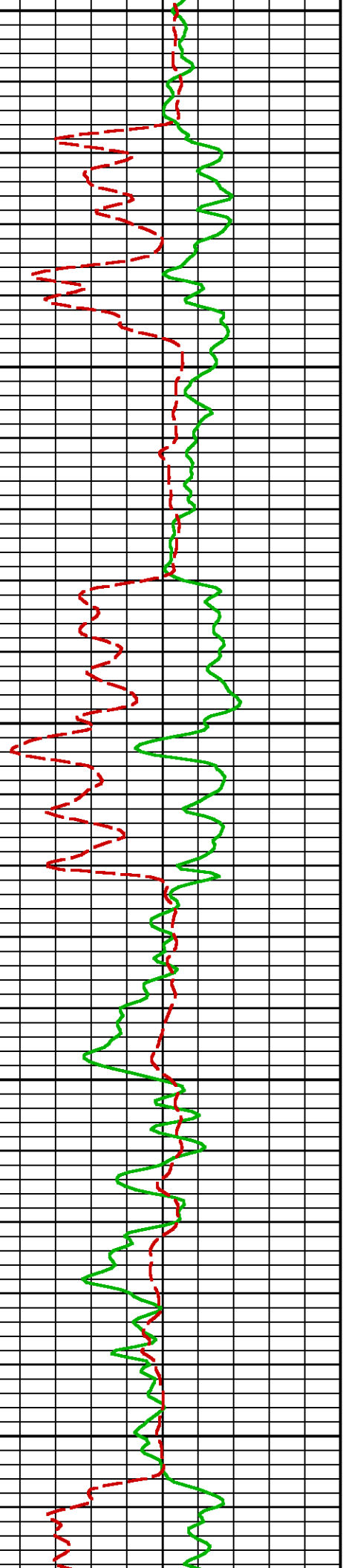
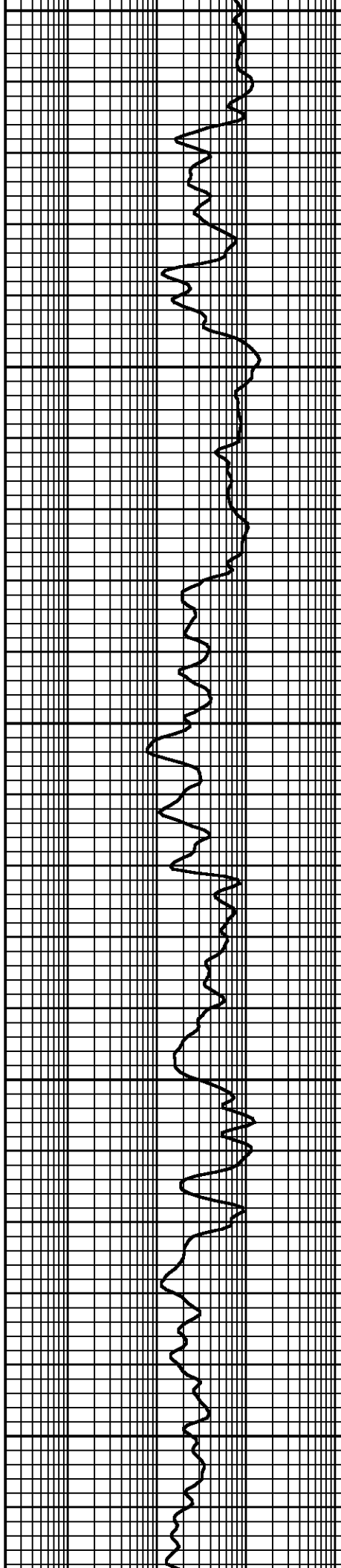
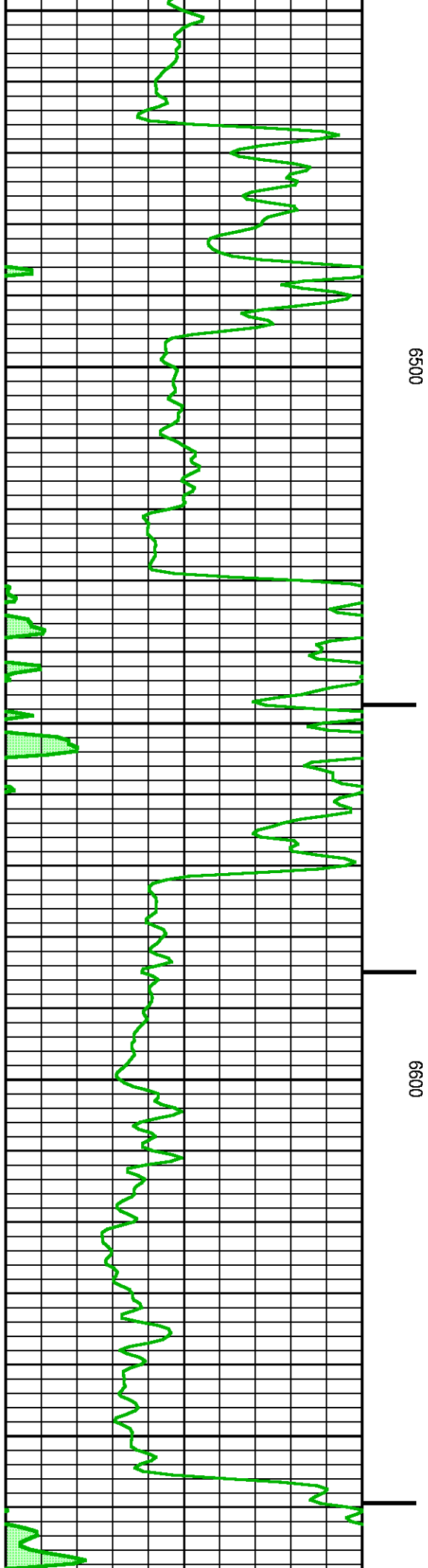


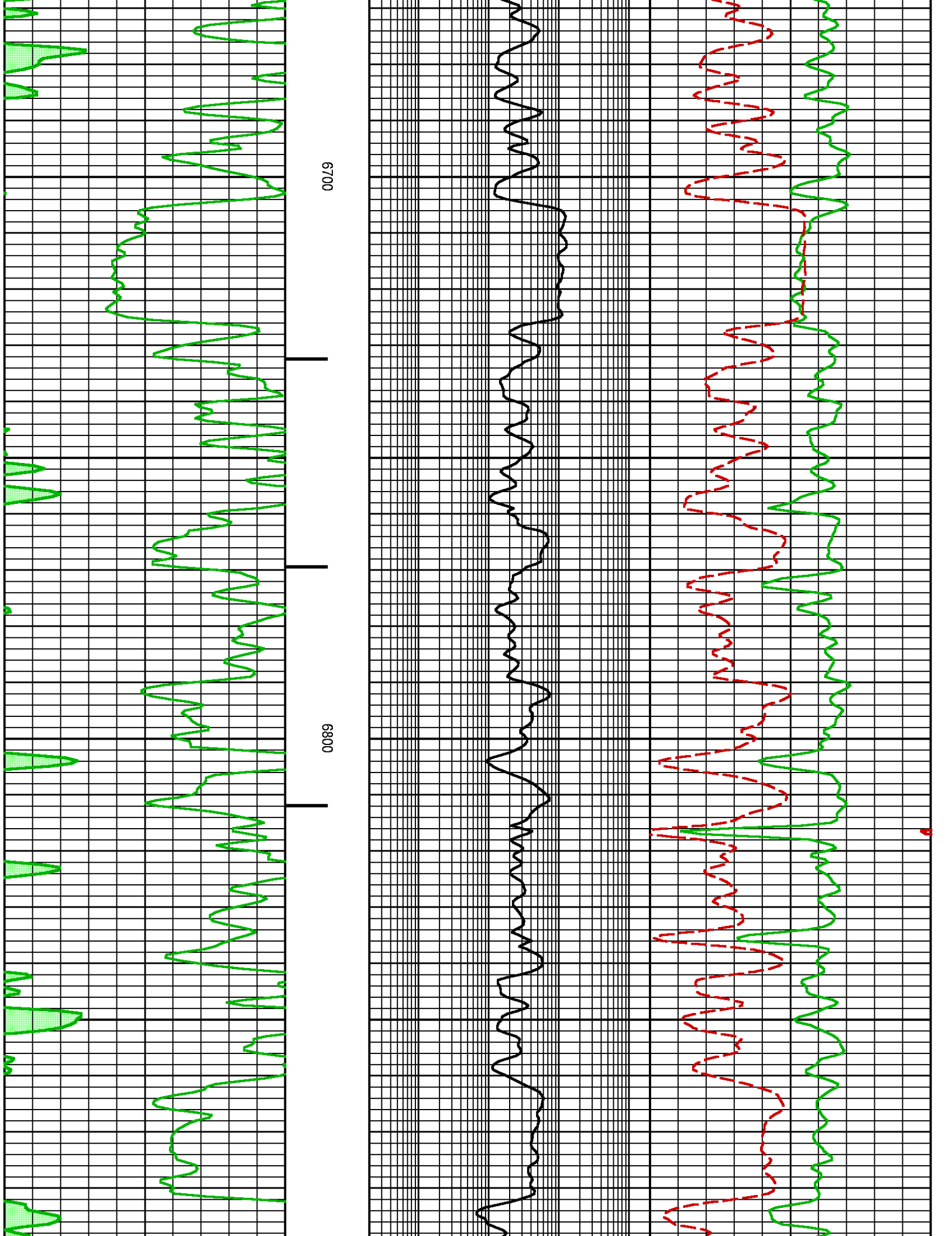


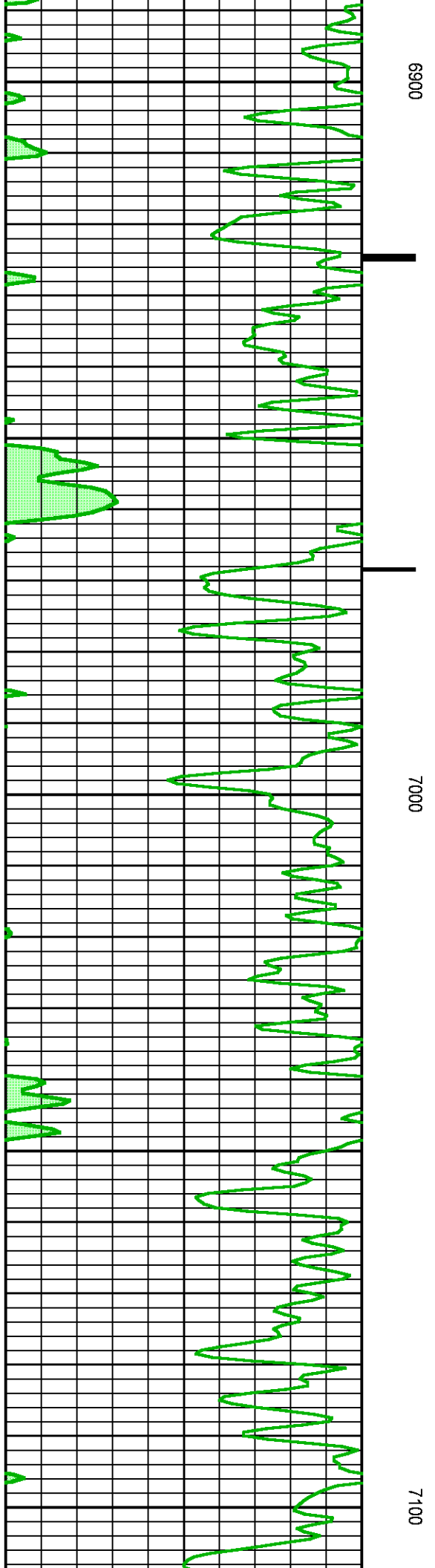
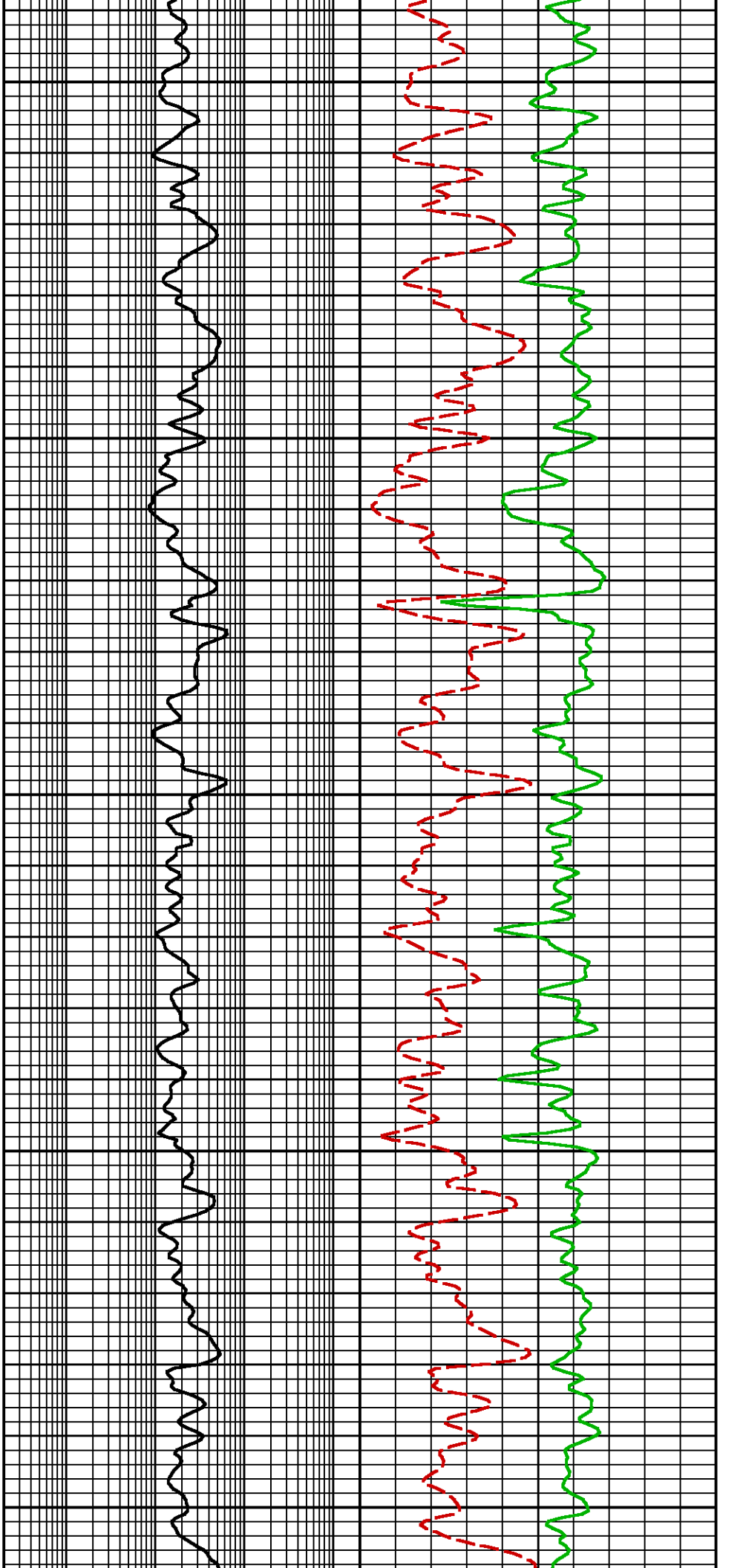
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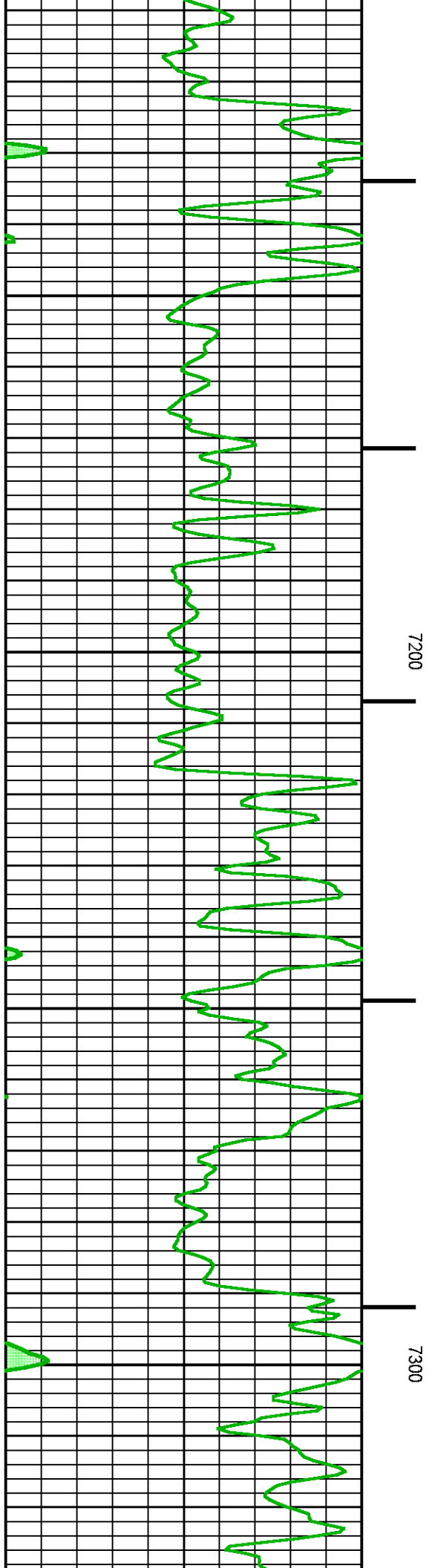
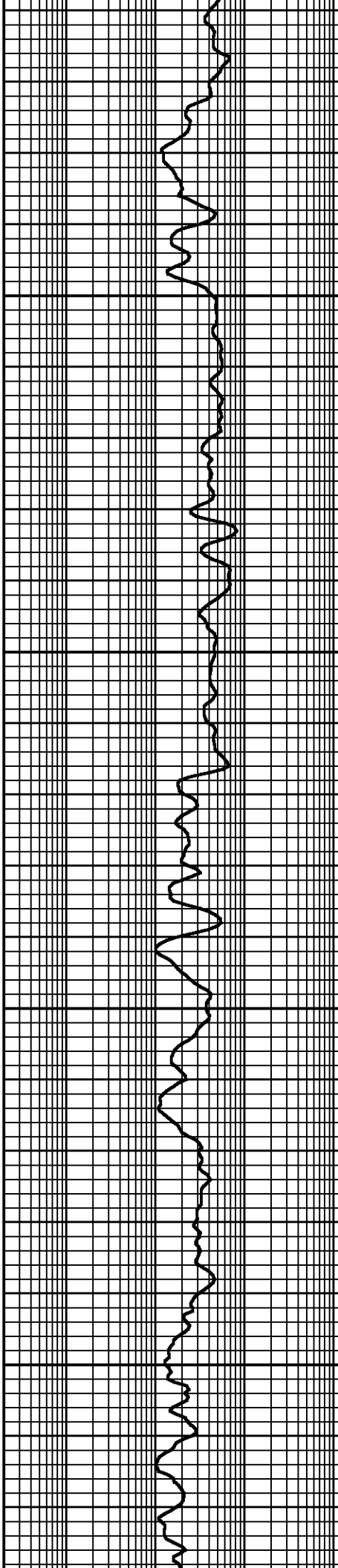
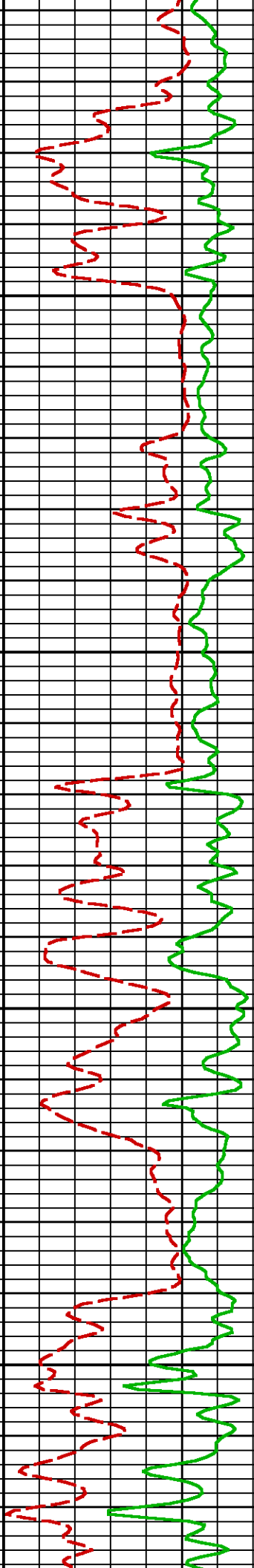
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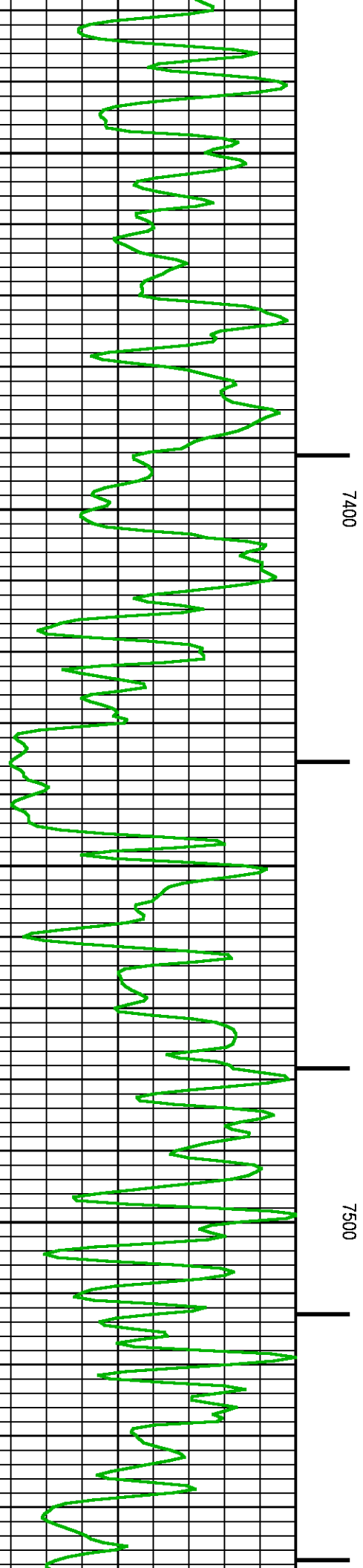
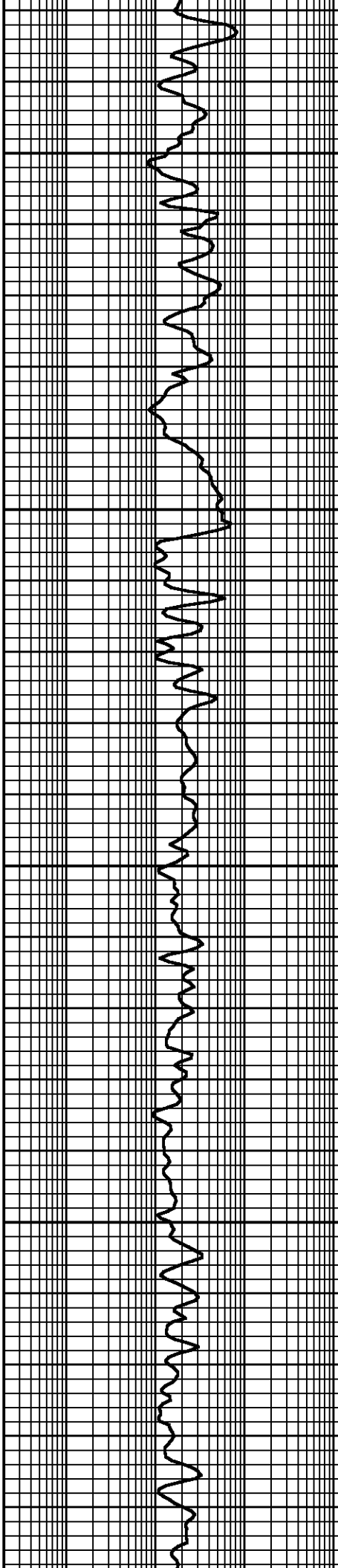
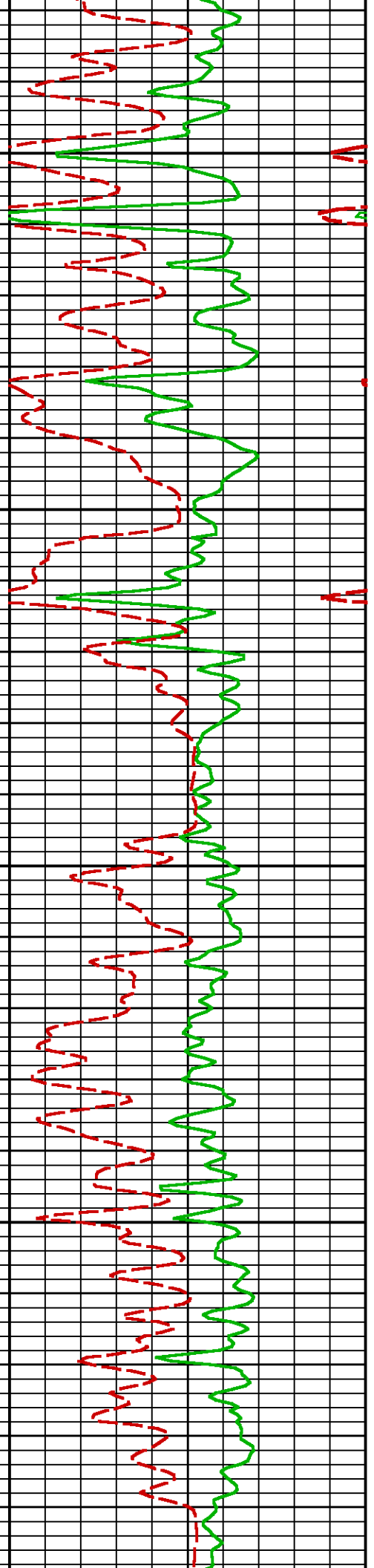


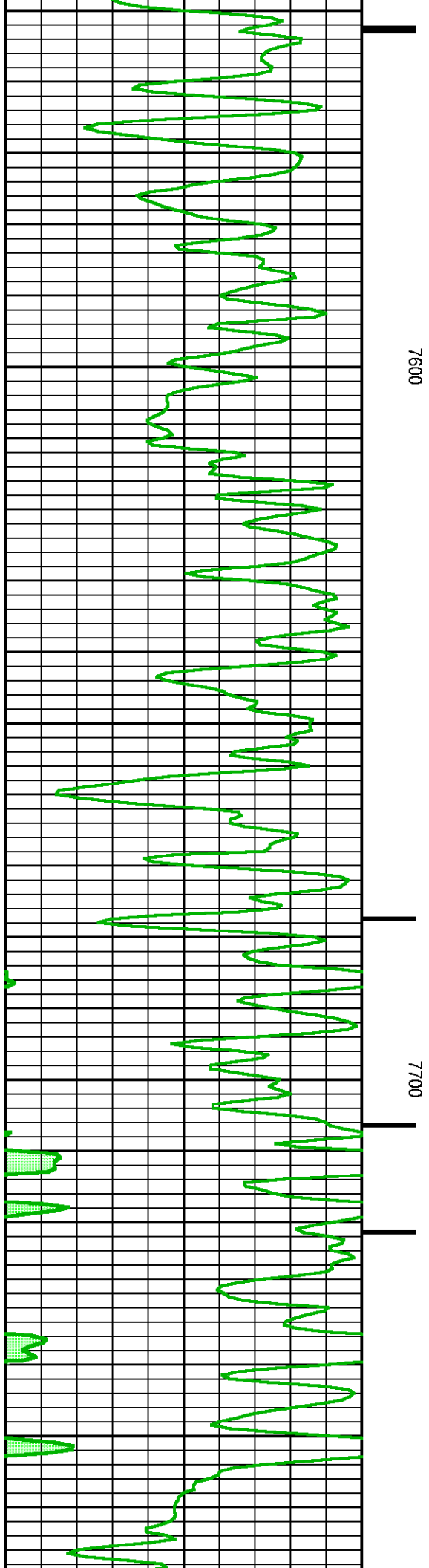
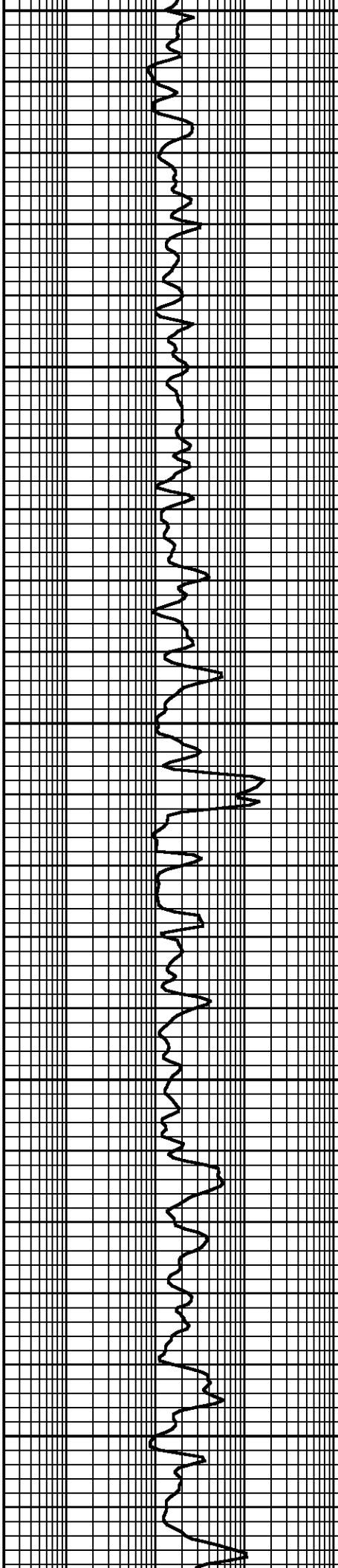
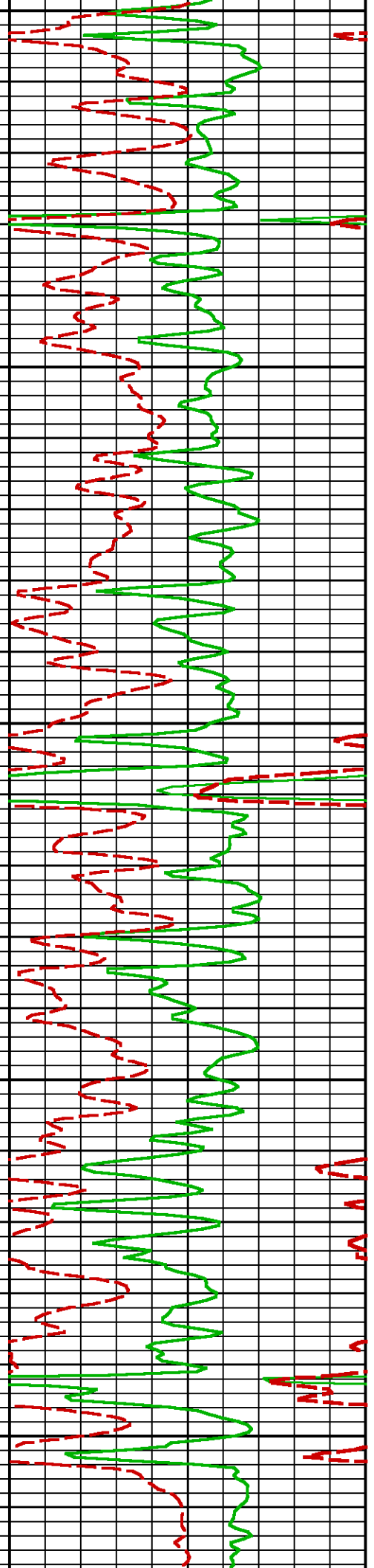


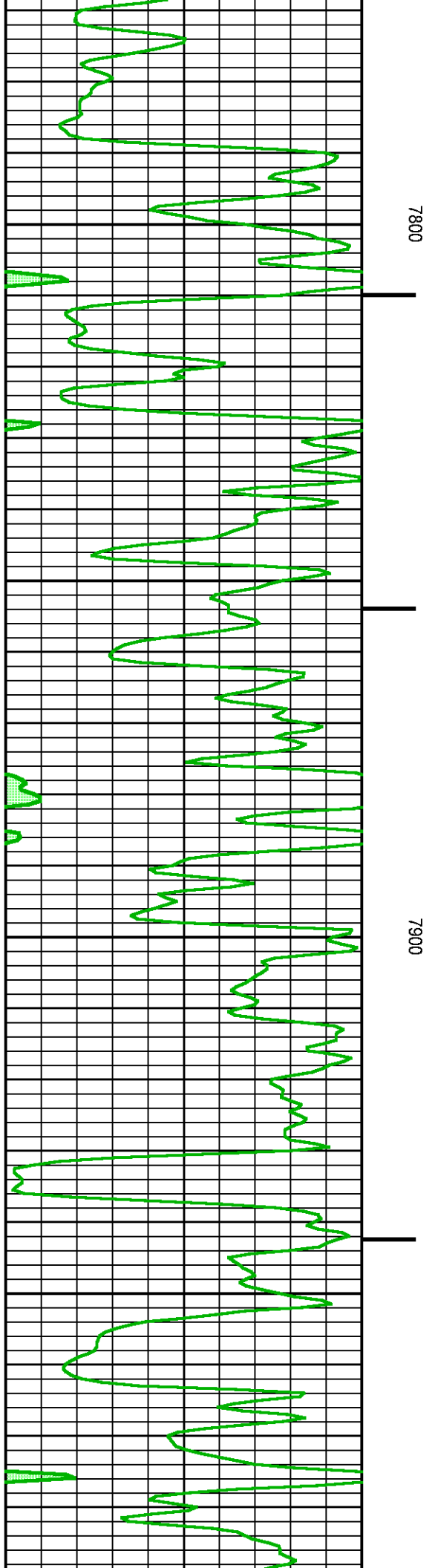
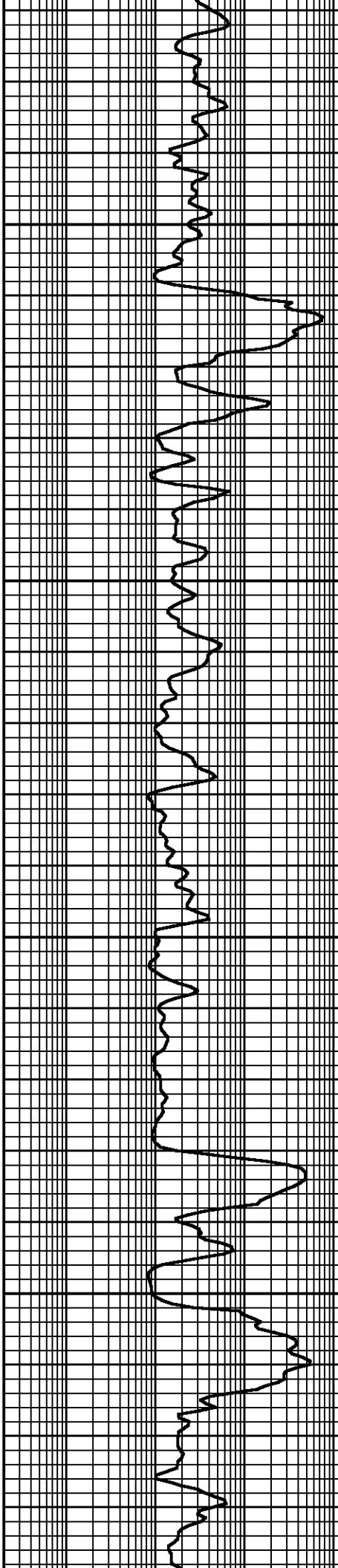
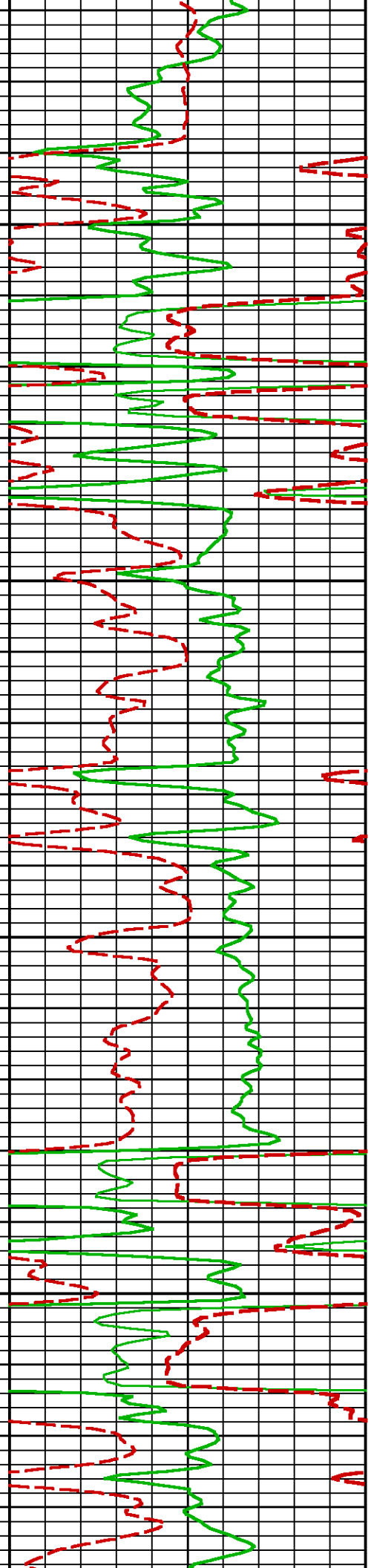


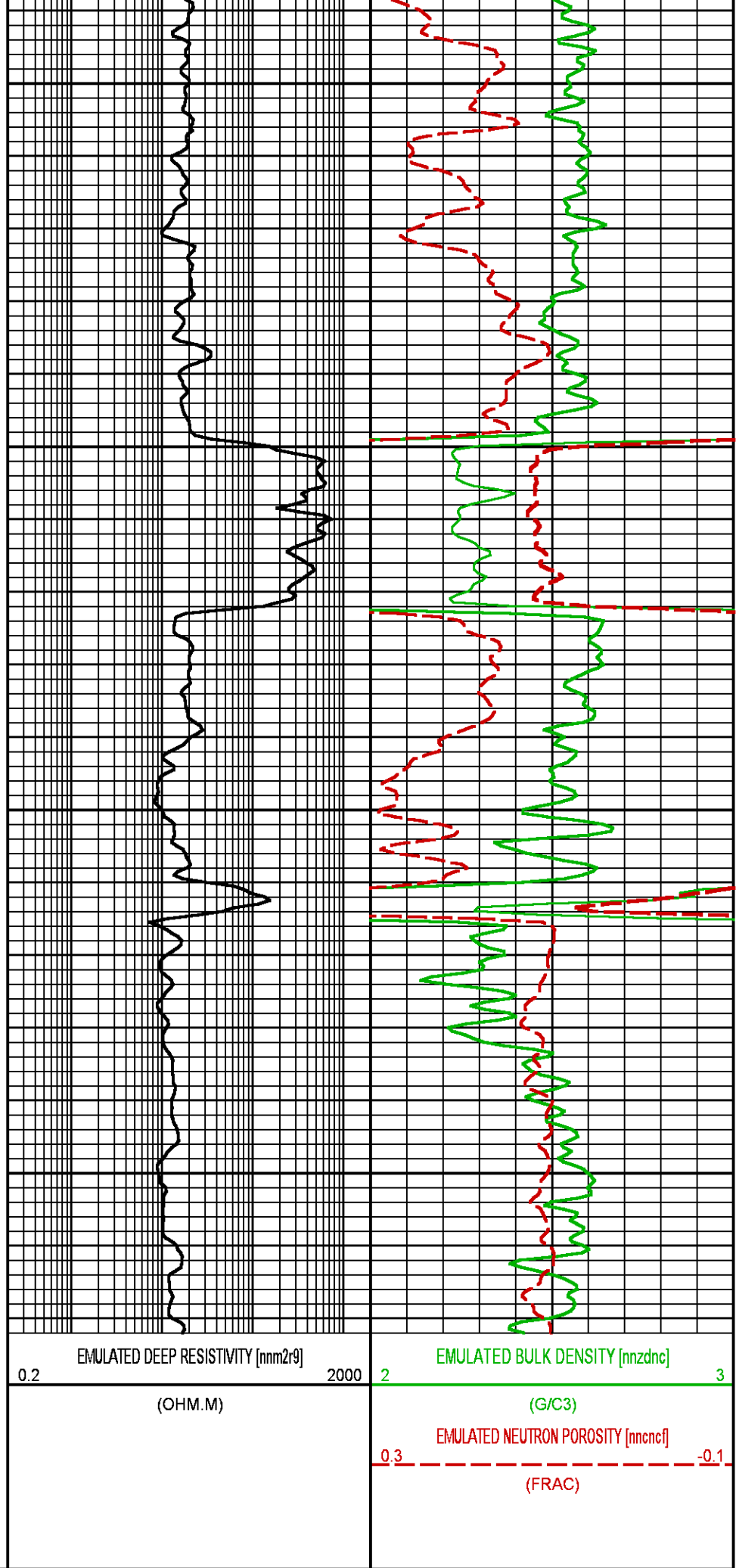
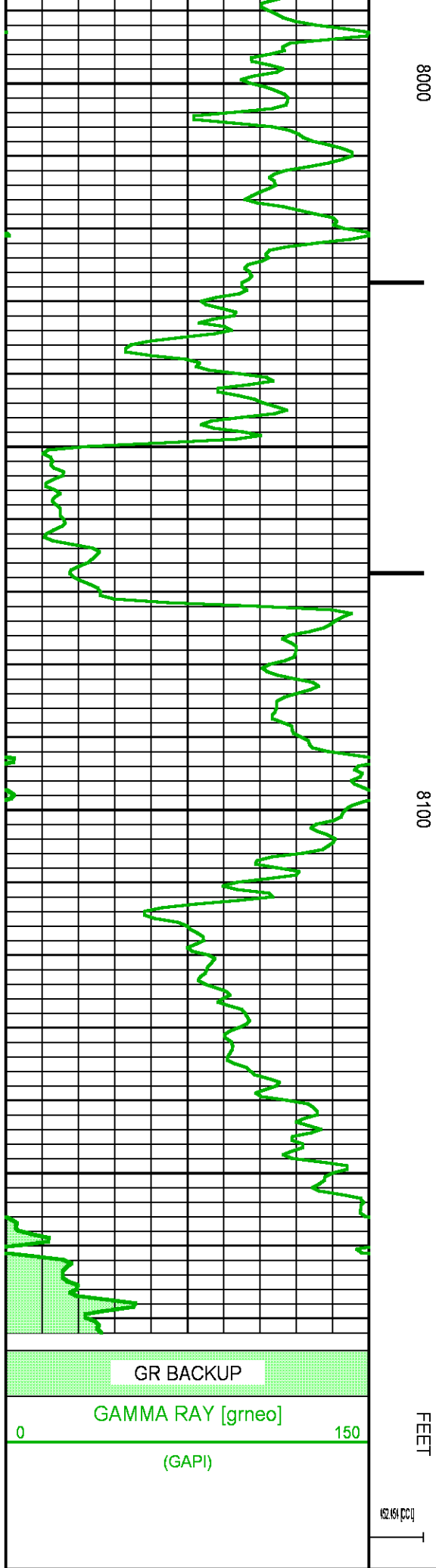


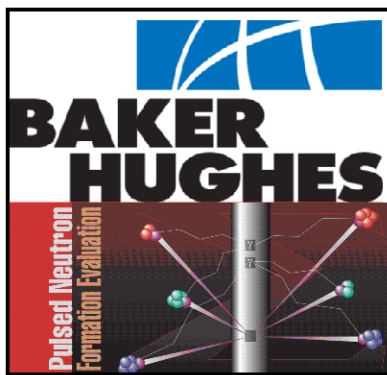










	COMPANY	LARAMIE ENERGY		FILE NO:	
	WELL	PICEANCE FEDERAL 28-01M			21103-01
	FIELD	VEGA		API NO:	
	COUNTY	MESA	STATE	COLORADO	05077102440000
LOCATION:		ELEVATIONS:			
SEE REMARKS SECTION		KB 7578 FT			
		DF			
		GL 7556 FT			
SEC 28 TWP 9S RGE 93W		DATE		29-OCT-2015	