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.

BOREHOLE RECORD

BIT SIZE	FROM	TO
13.5 IN	0 FT	1423 FT
8.75 IN	1423 FT	6812 FT

CASING RECORD

SIZE	WEIGHT	GRADE	FROM	TO
9.625 IN	32.2 LB/F		0 FT	1423 FT
4.5 IN	11.6 LB/F		0 FT	6812 FT

REMARKS

RUN 1 TRIP 1: ALL DATA ON THIS LOG IS SHIFTED USING THE CCL CURVE TO PLACE THE WELLHEAD (TOP CCL MARK) ON DEPTH WITH GROUND LEVEL ELEVATION AT CLIENT'S REQUEST

THE DEPTH MATCHING PROCESS CREATES POTENTIAL FOR COLLAR LENGTHS TO VARY FROM THOSE RECORDED ON OTHER CASED HOLE WIRELINE UNITS WITHOUT GAMMA RAY REFERENCE

AMOUNT LINEAR SHIFT -2 FT

LOGGED WITH 0 PSI AT WELL HEAD

THANK YOU FOR CHOOSING BAKER HUGHES WIRELINE SERVICES

CREW: SMITH/PACK/COATE

EQUIPMENT DATA					
RUN	TRIP	TOOL	SERIES NO.	SERIAL NO.	POSITION
1	1	CBL	1426XA	10218495	CENTRALIZED
1	1	GR	2459XA	10218504	CENTRALIZED

MAIN LOG 5"/100FT SCALE

ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1

Plotted: Sun Jun 29 16:17:47 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH087294/n012e02.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 29.250 ft BOTTOM DEPTH: 6715.215 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

RAL CCL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM

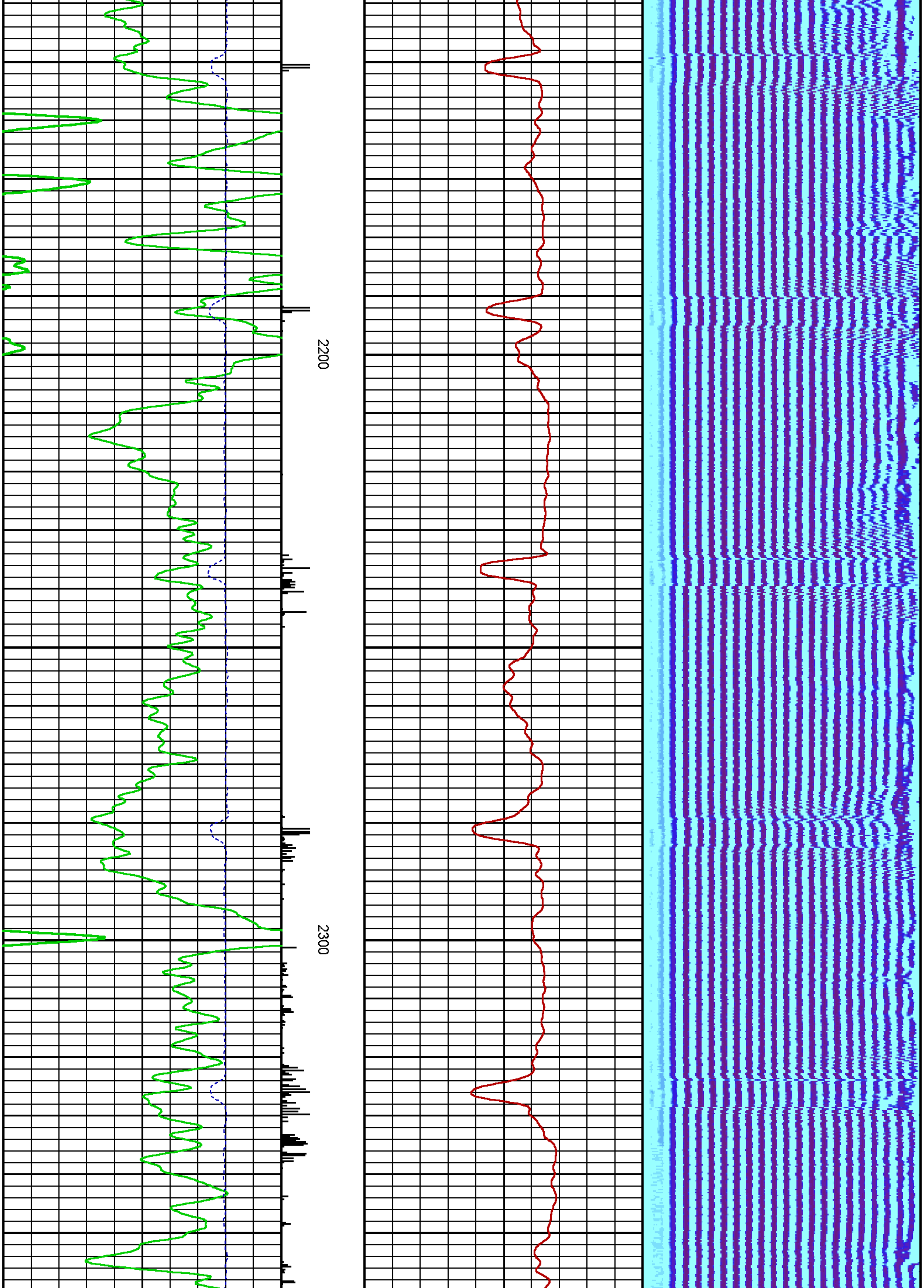
ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	30	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	160	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-65	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jun 29 10:51:23 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jun 29 10:51:23 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 29 10:51:23 2014	FAR WAVE FORM
F1:GR	Jun 29 10:51:23 2014	GAMMA RAY
F1:TTN	Jun 29 10:51:23 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER

CURVE MEASURE POINT OFFSET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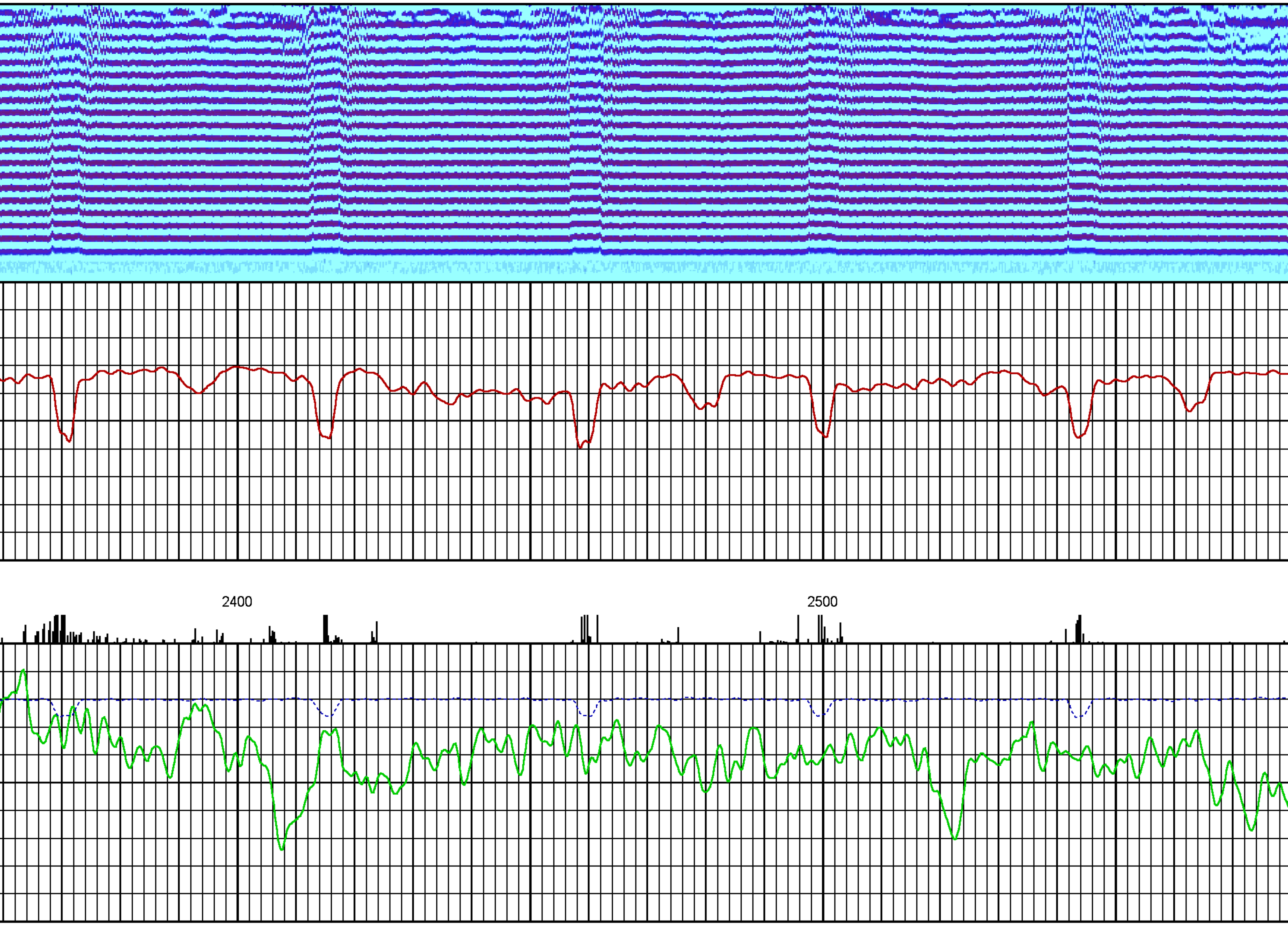
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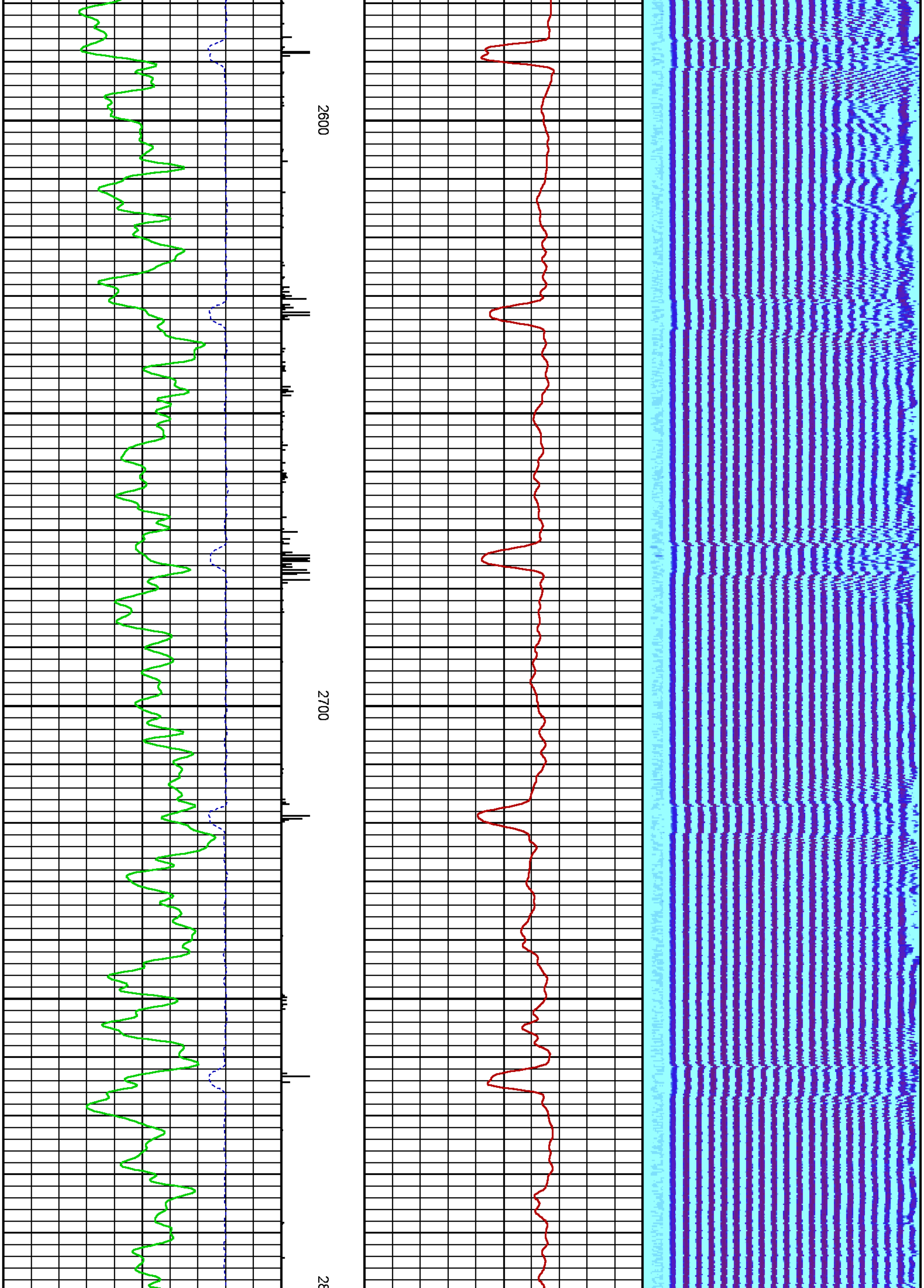
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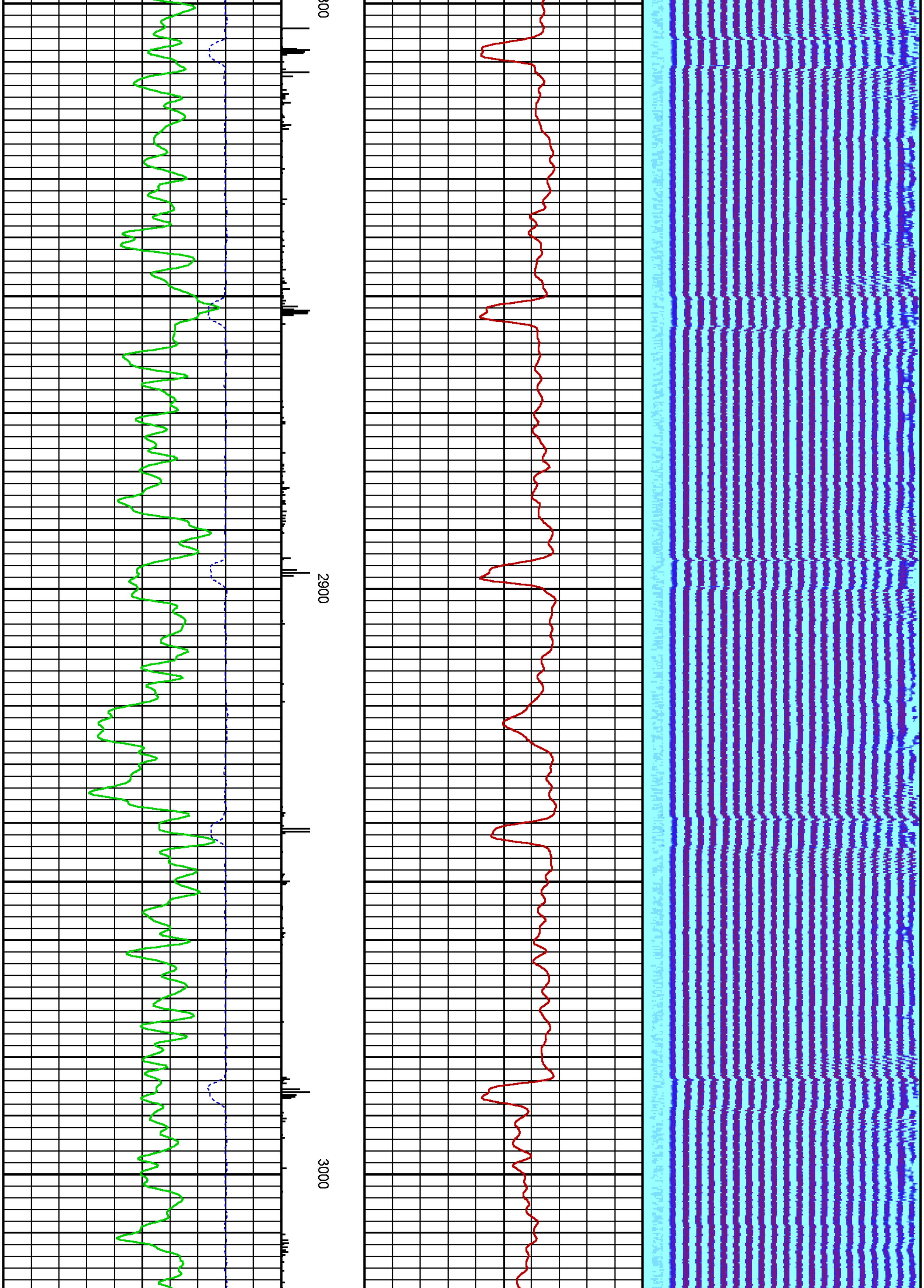
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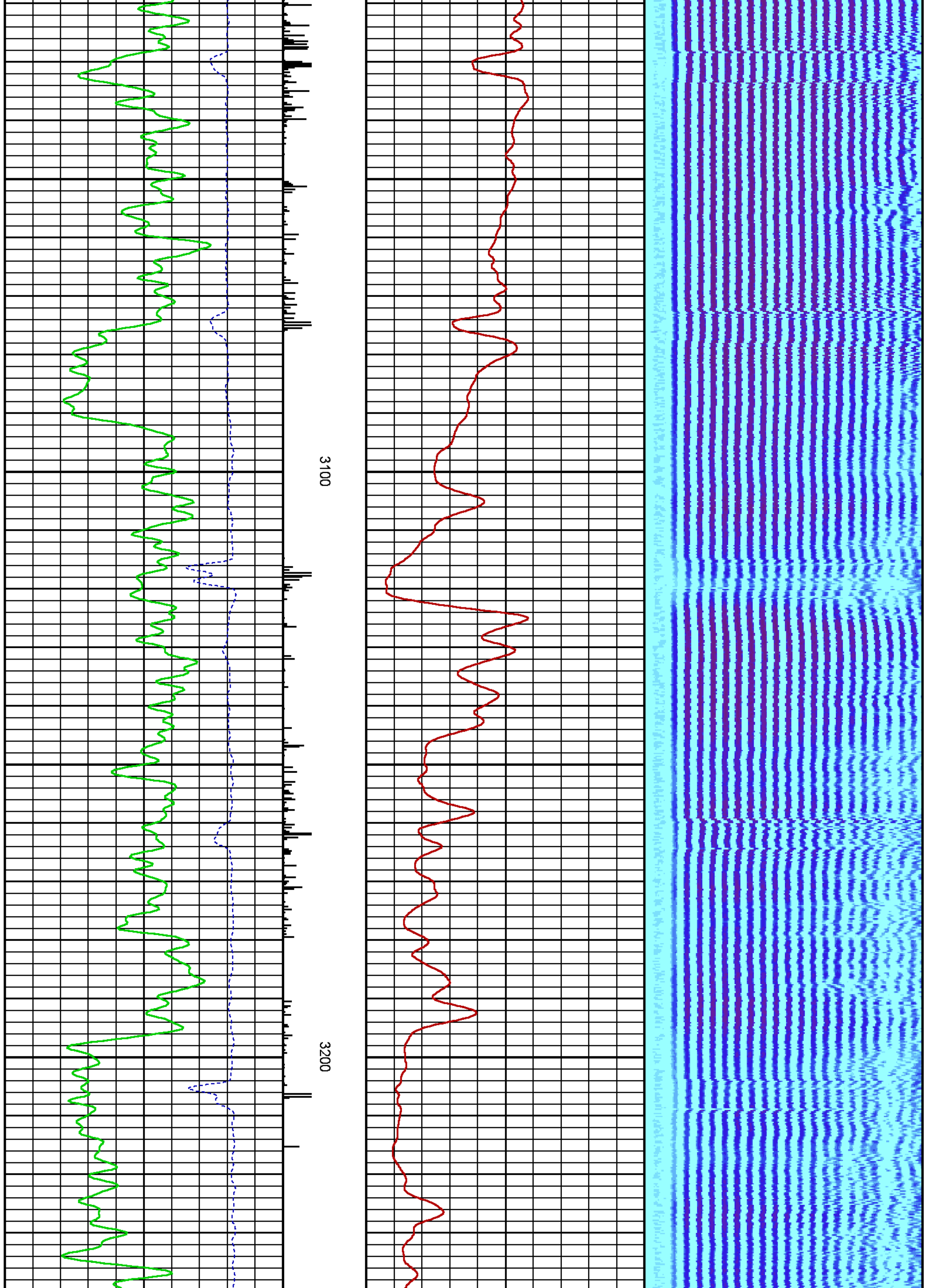
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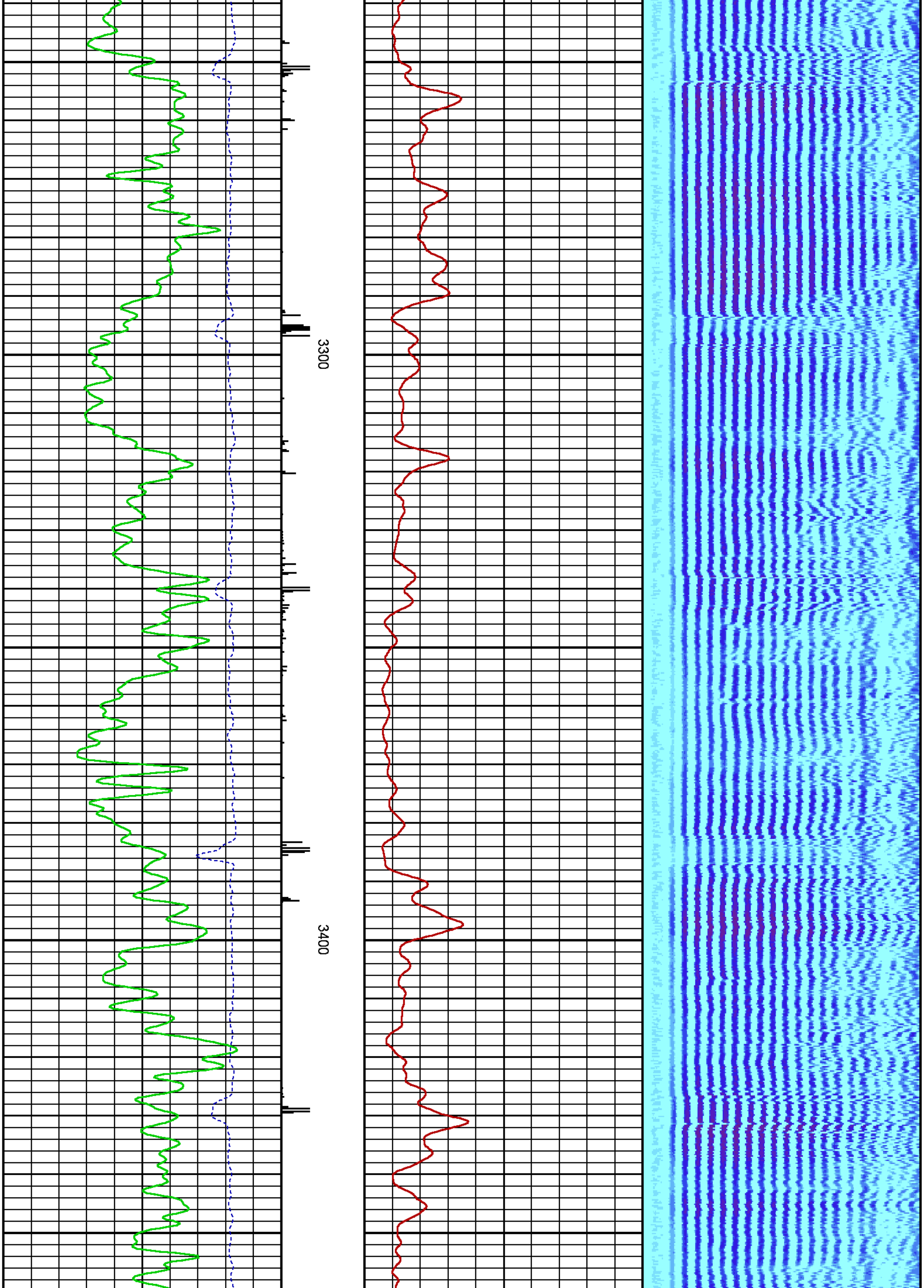
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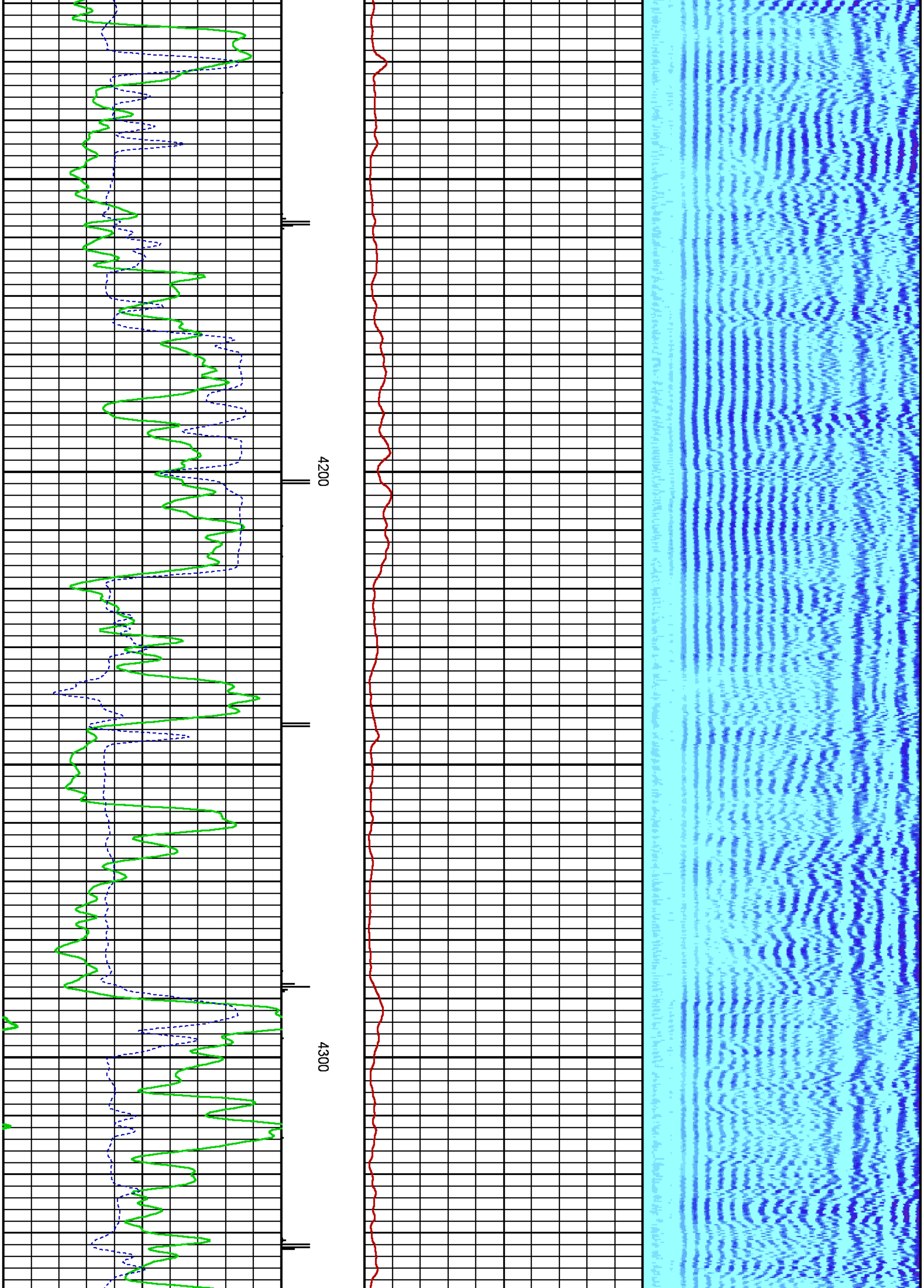

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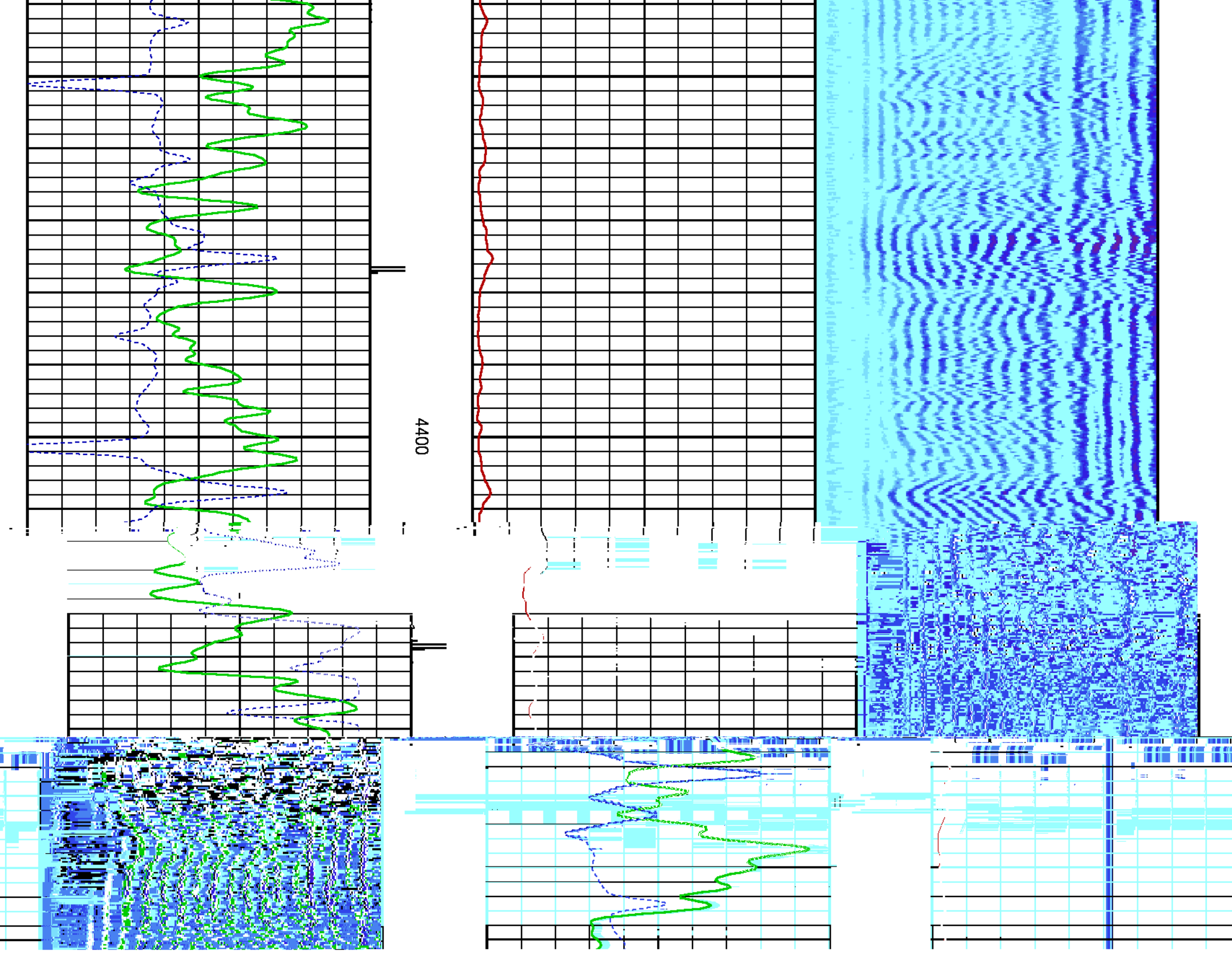
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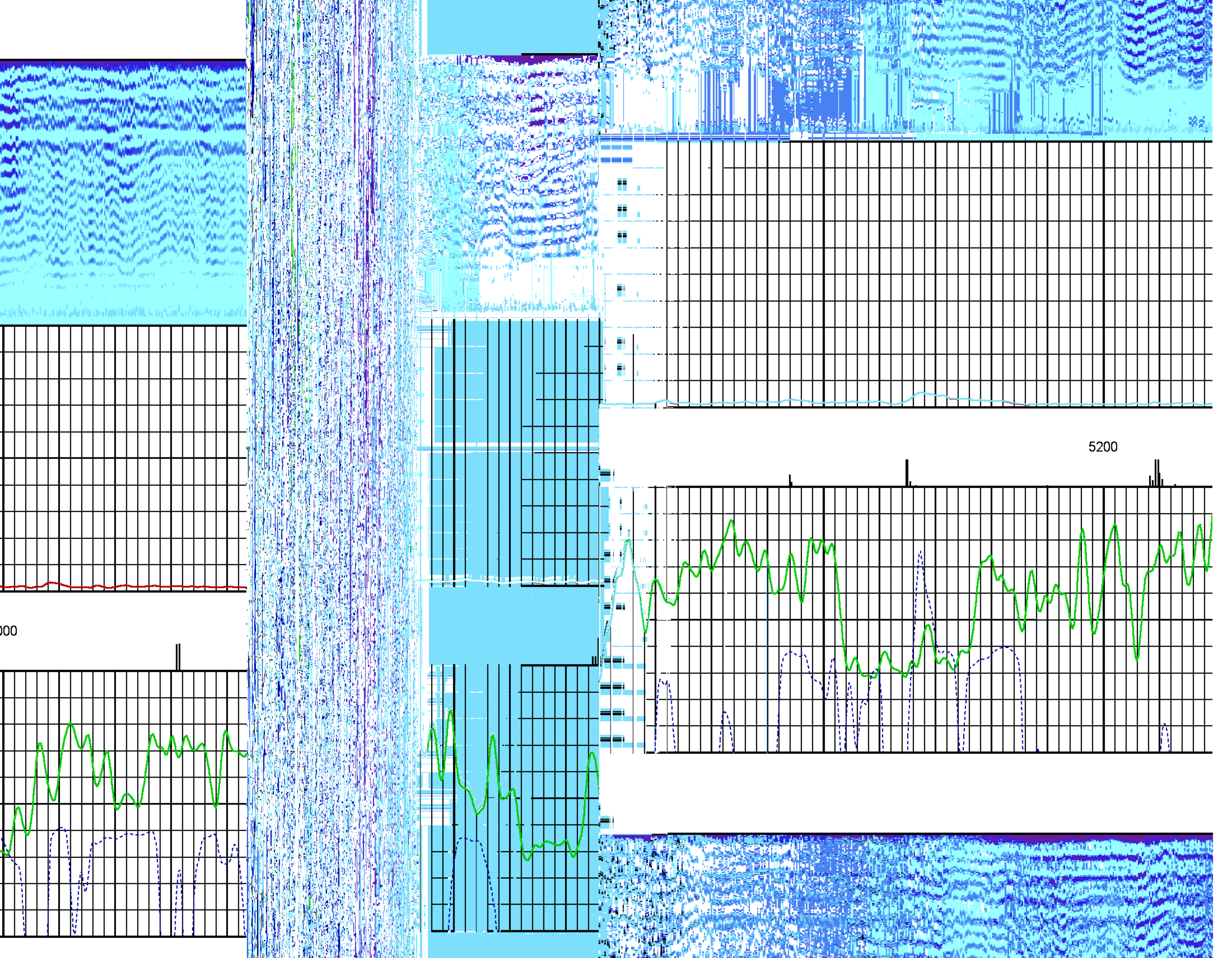
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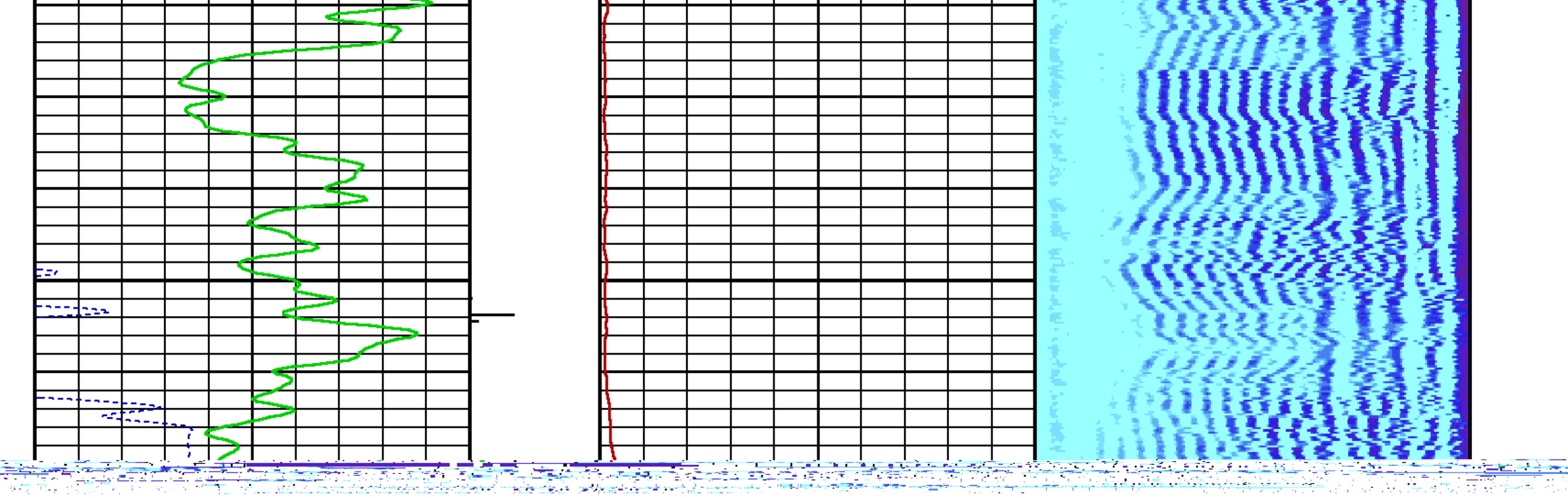

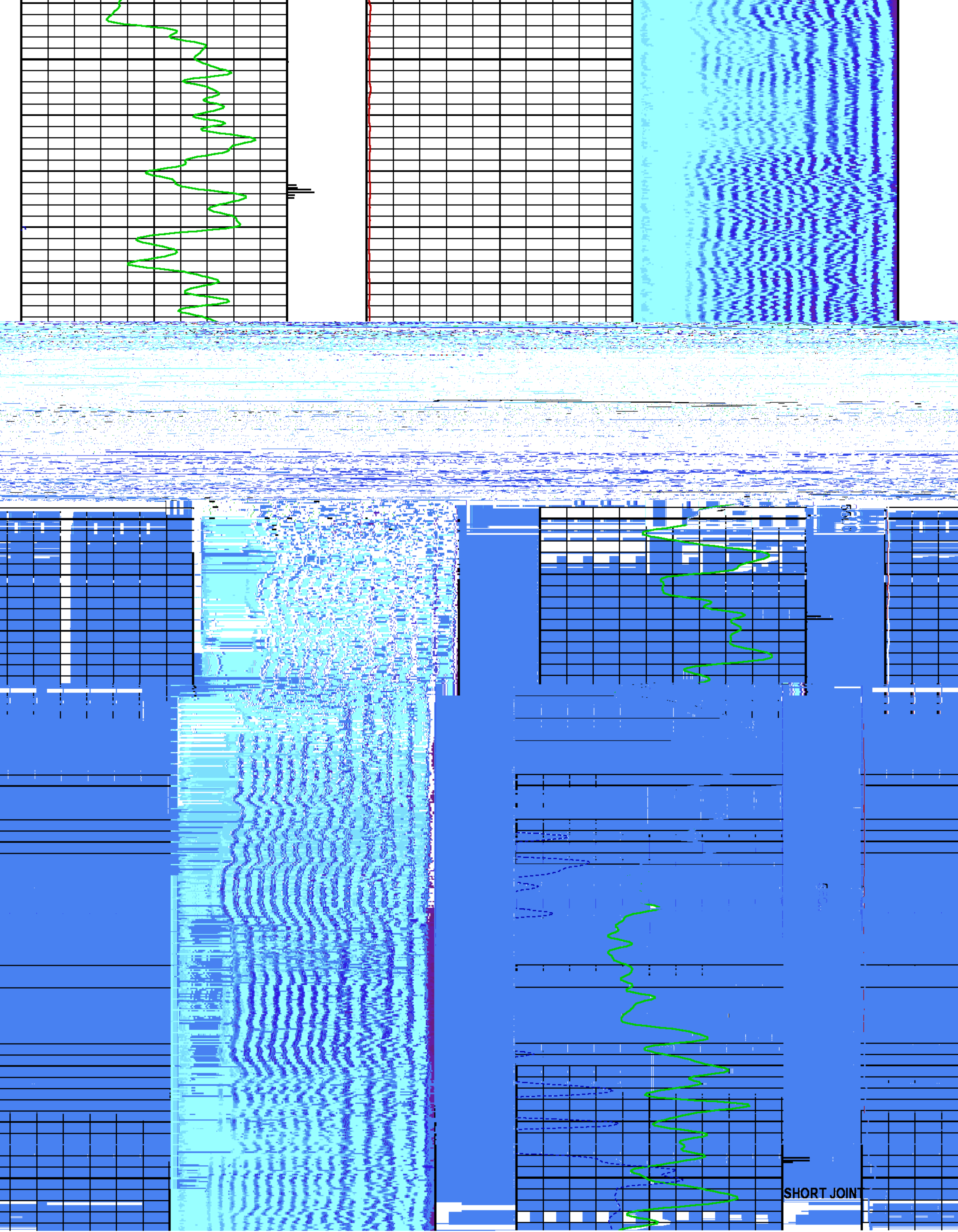
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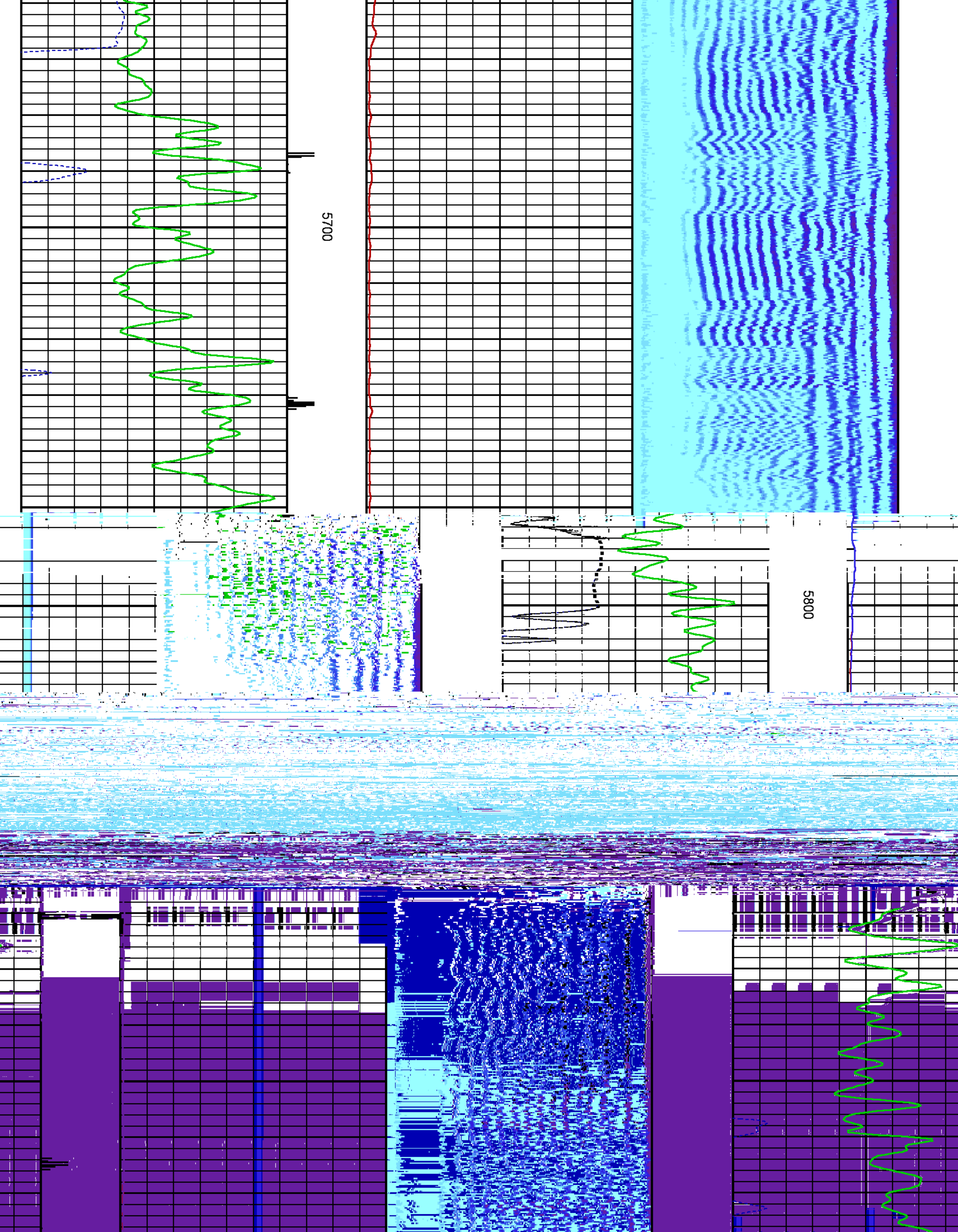
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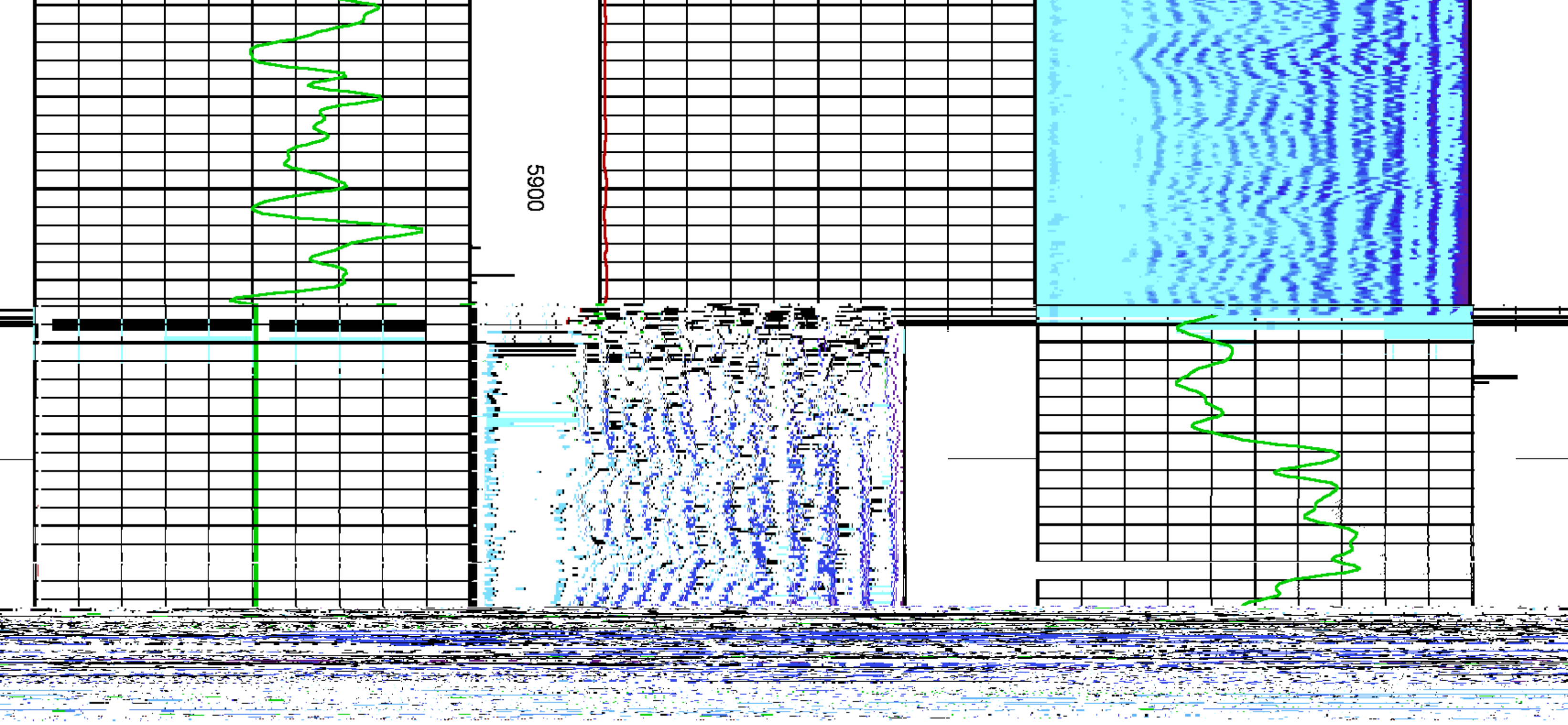
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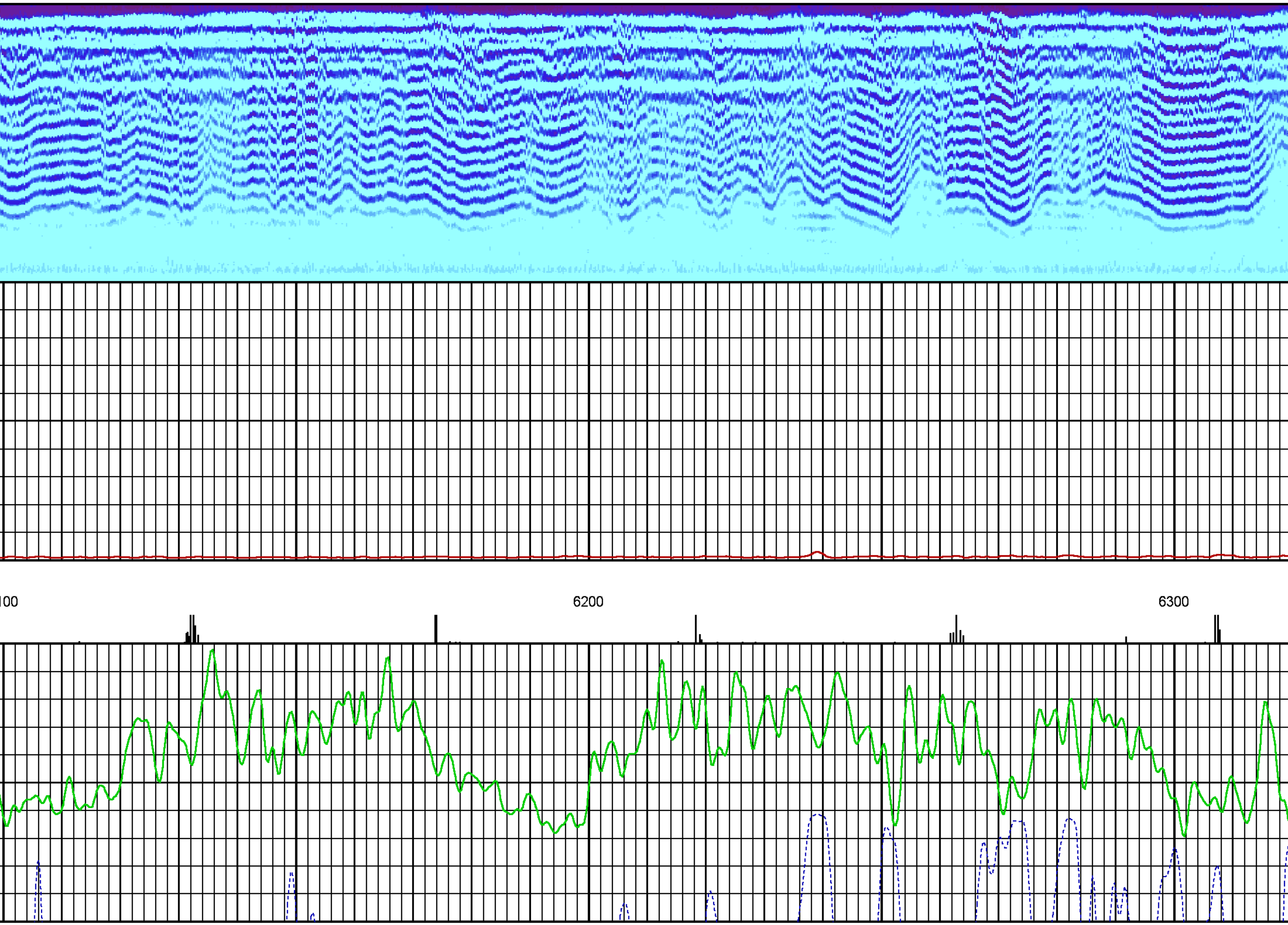
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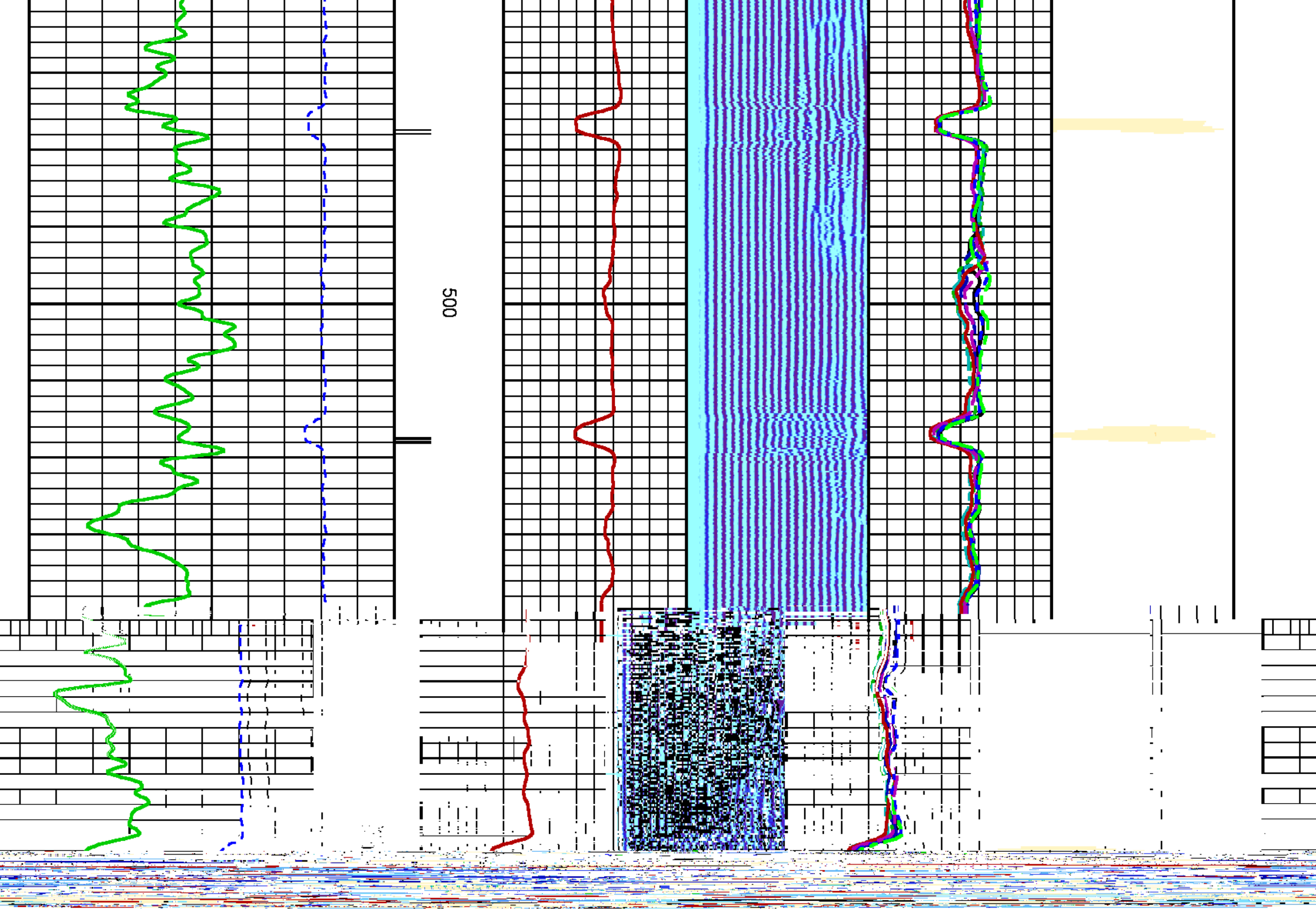
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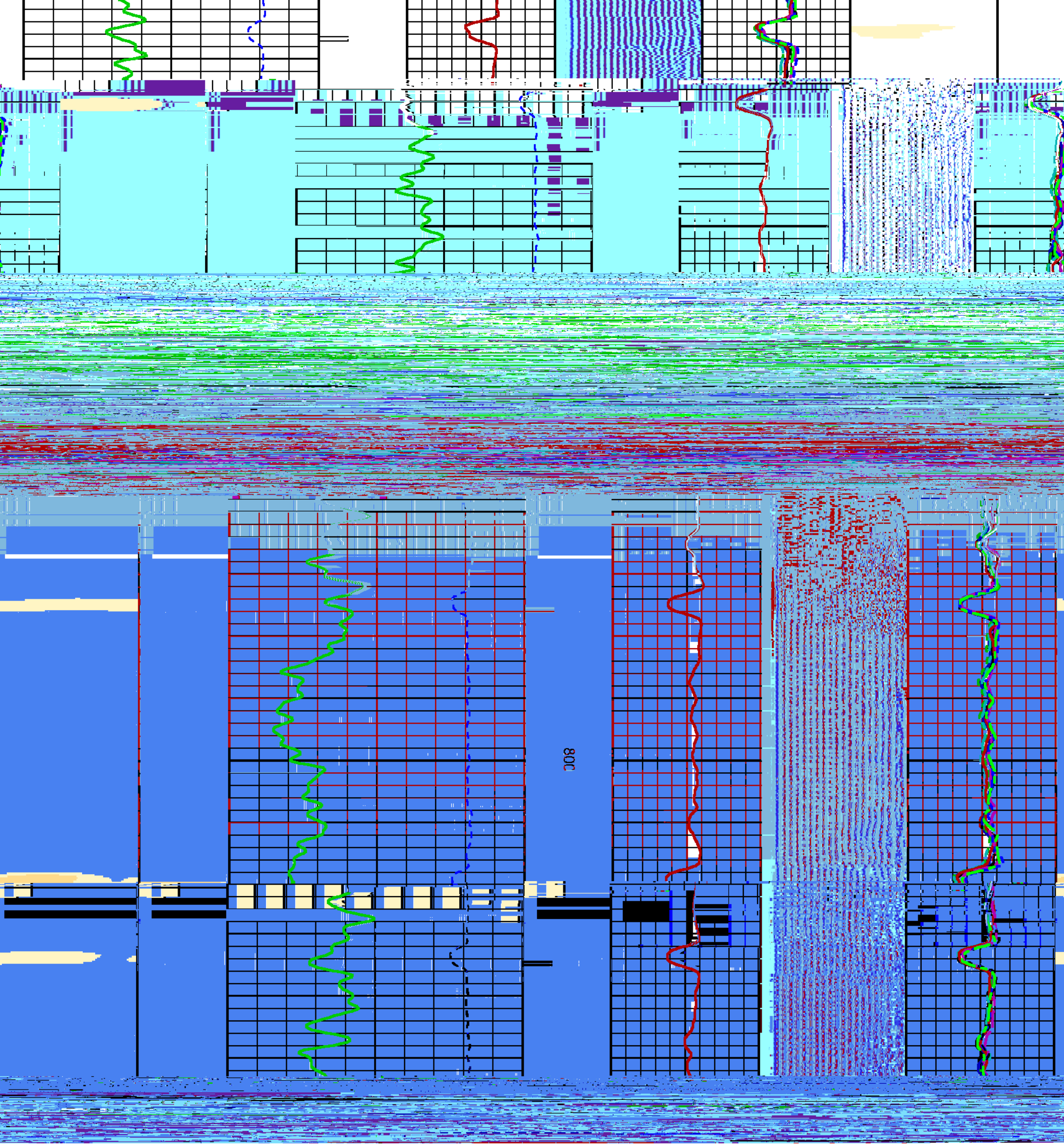
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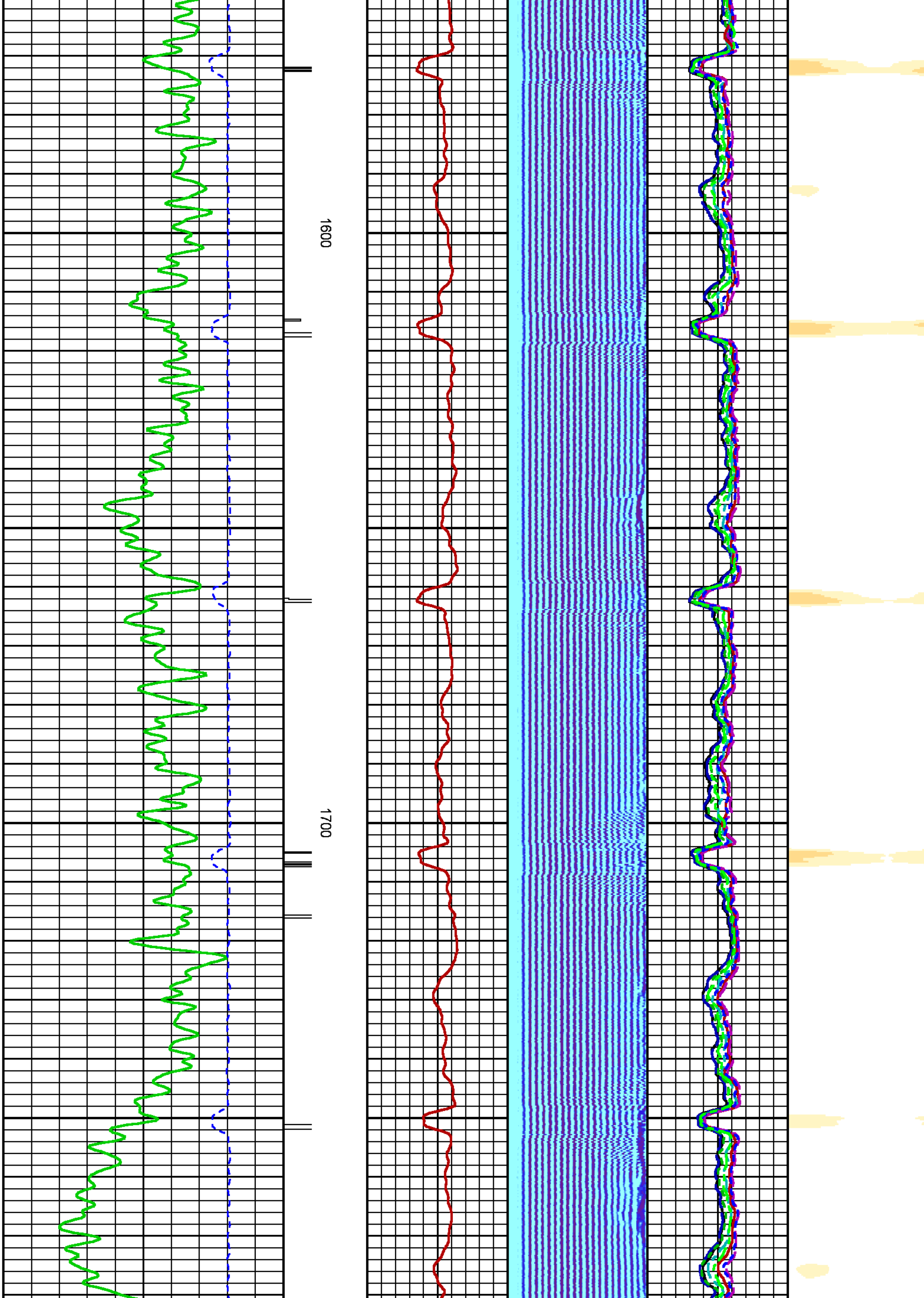
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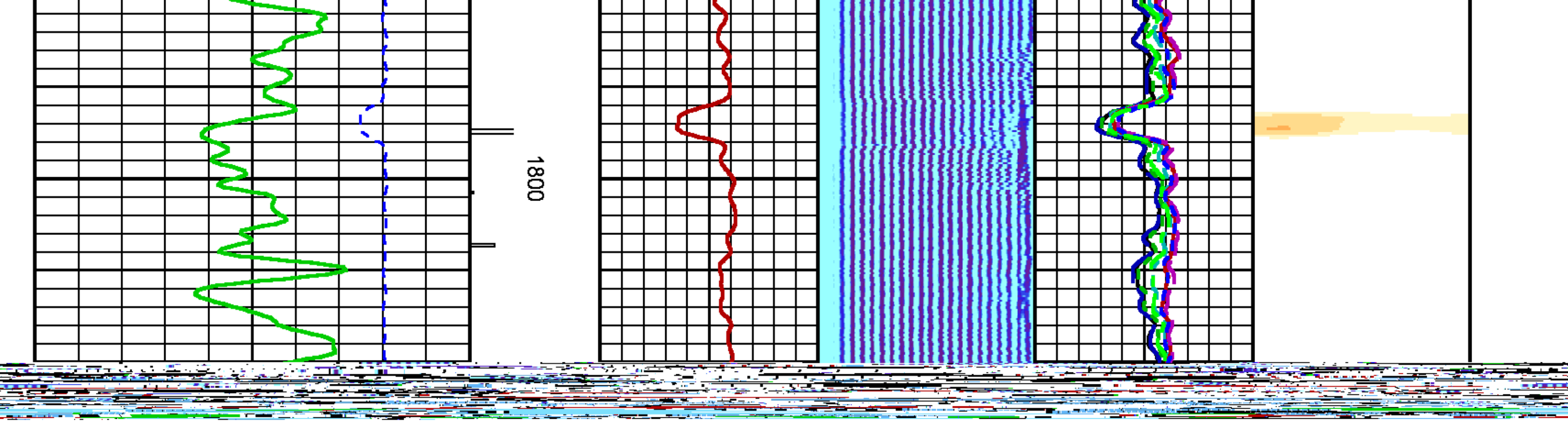
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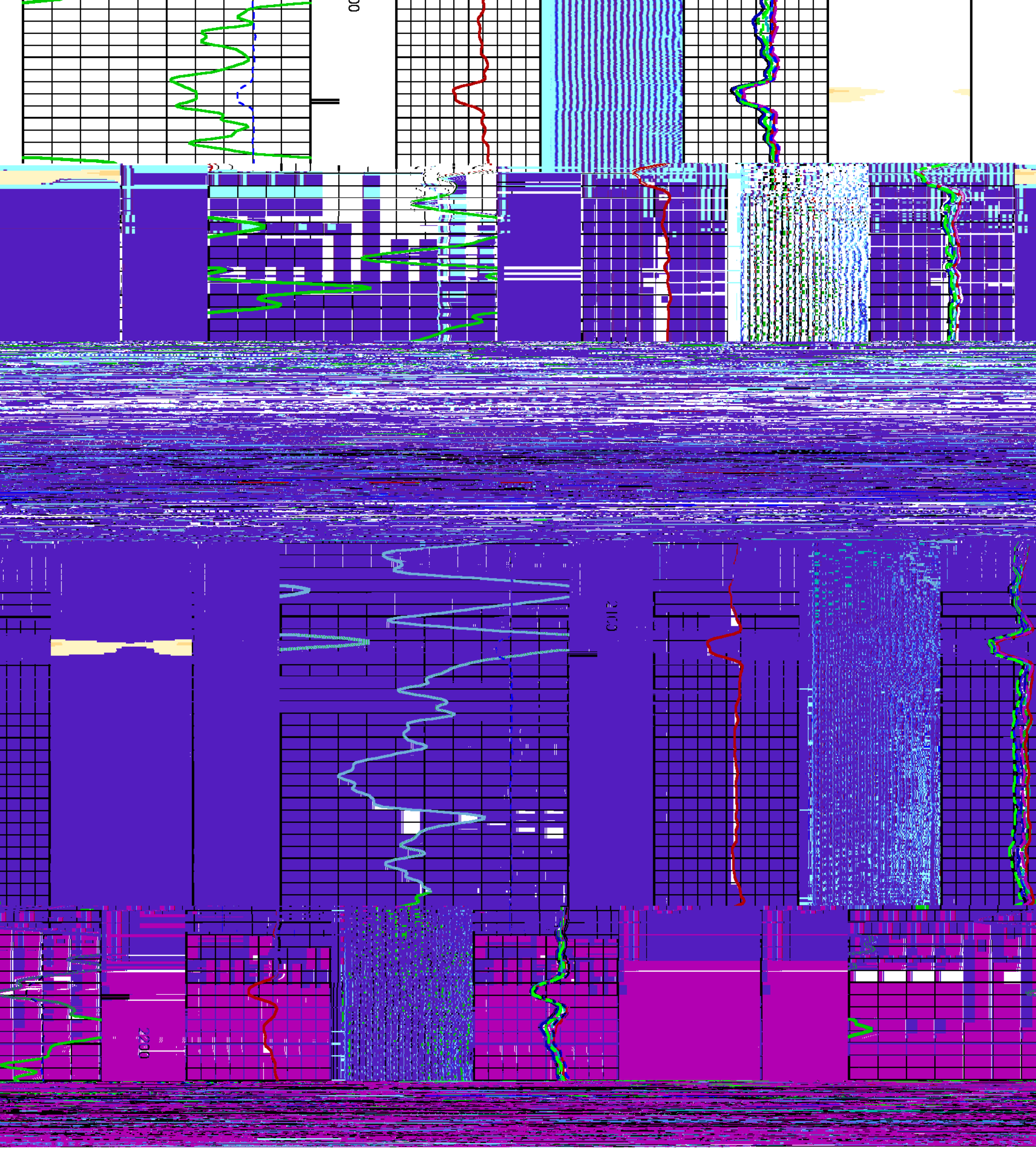

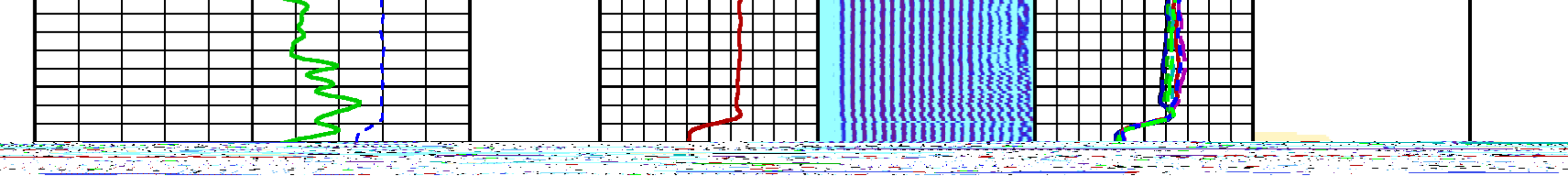

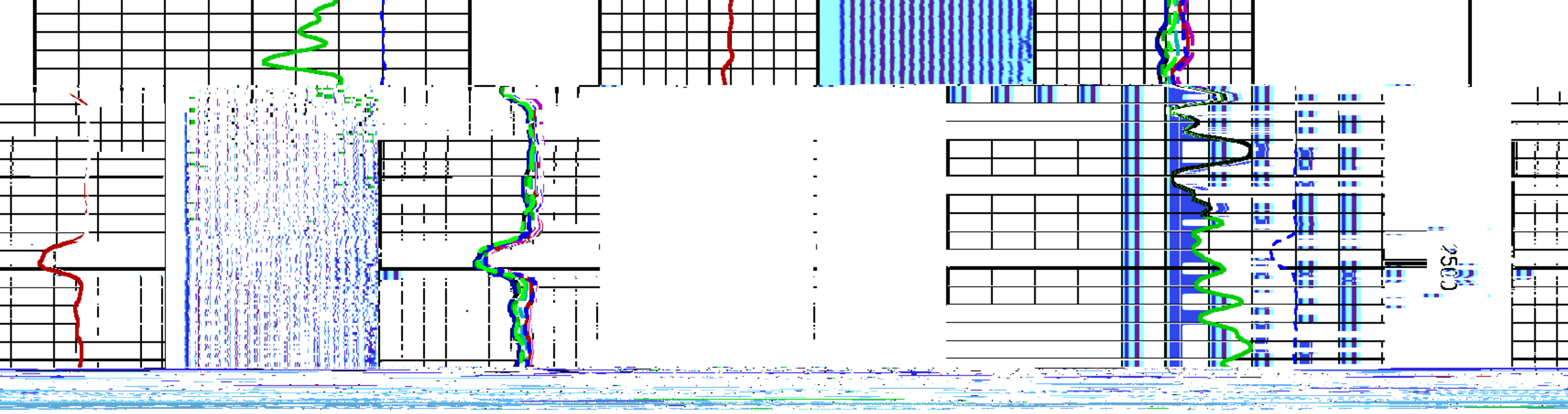
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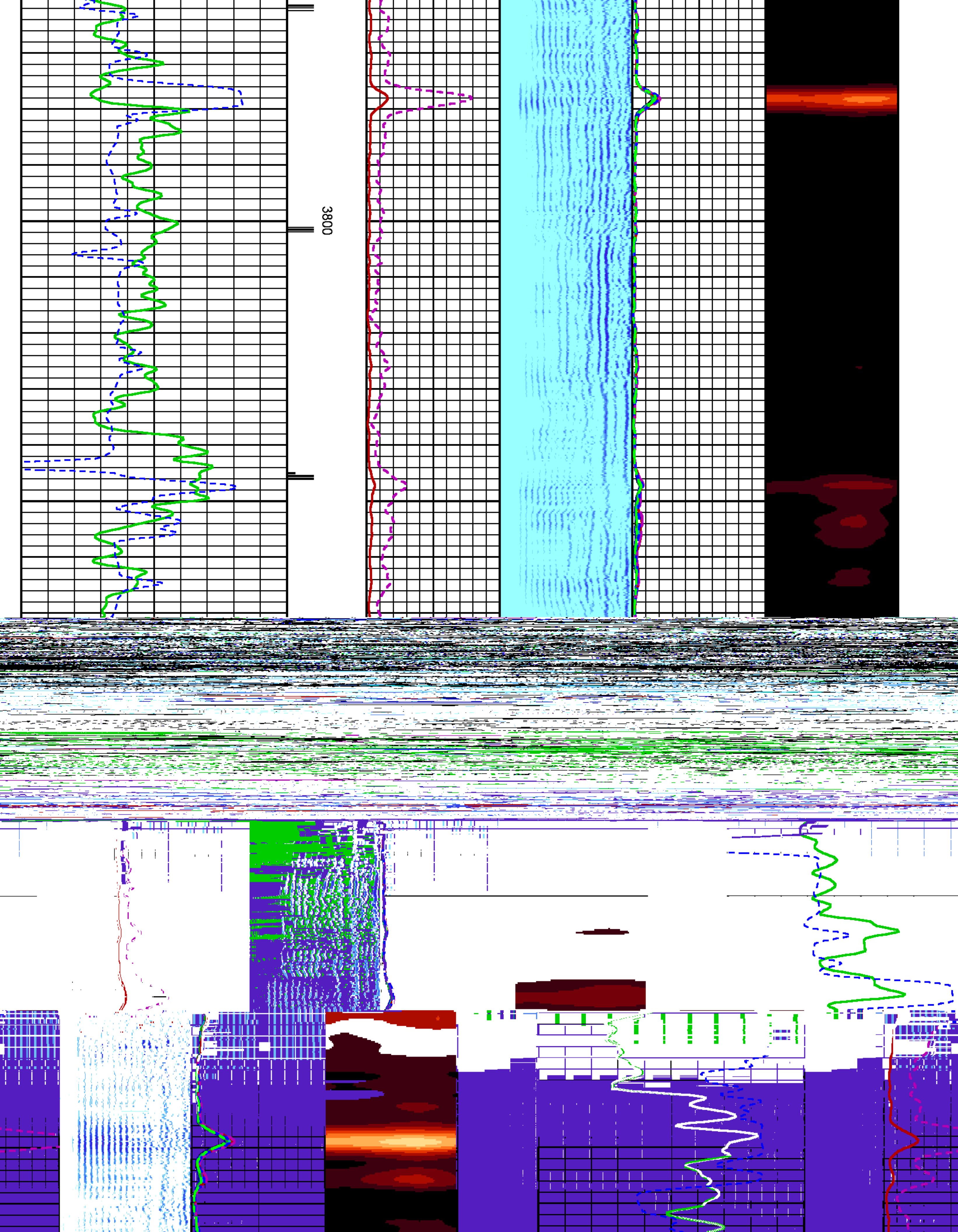
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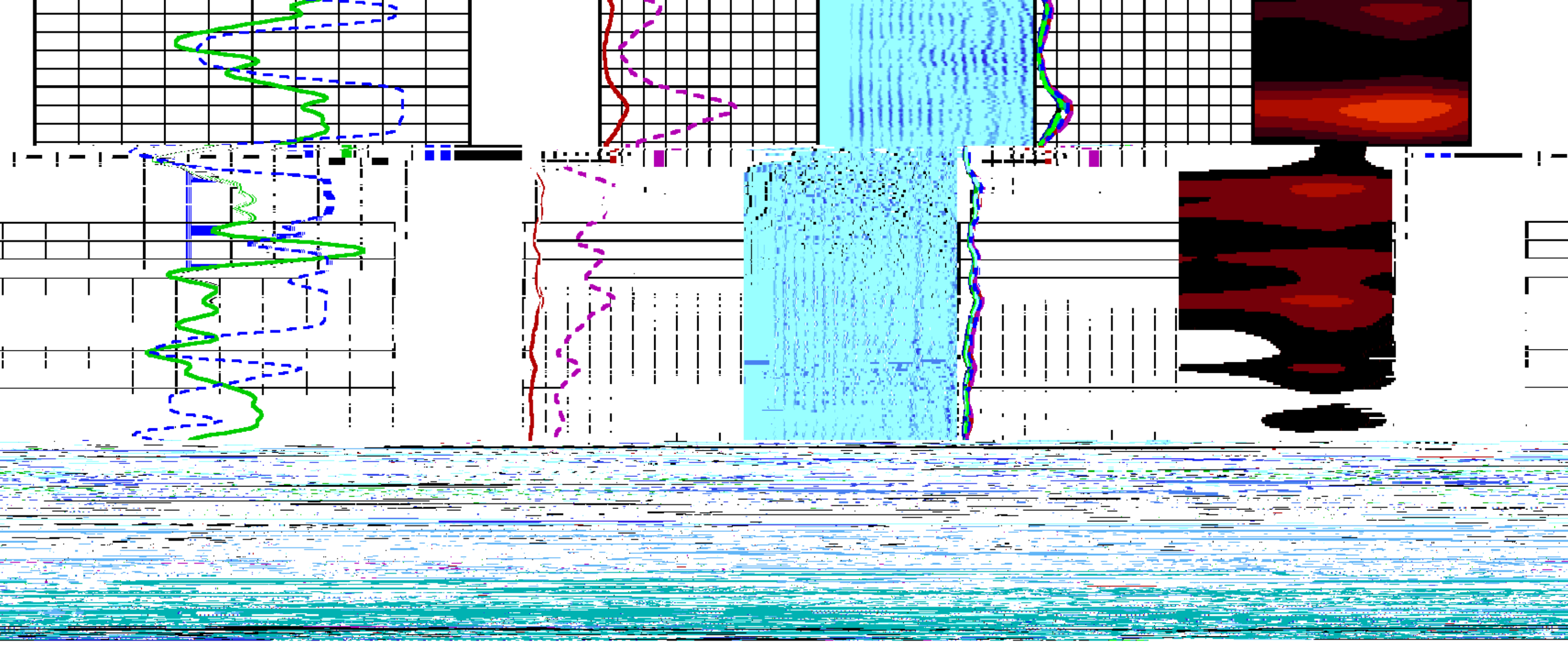

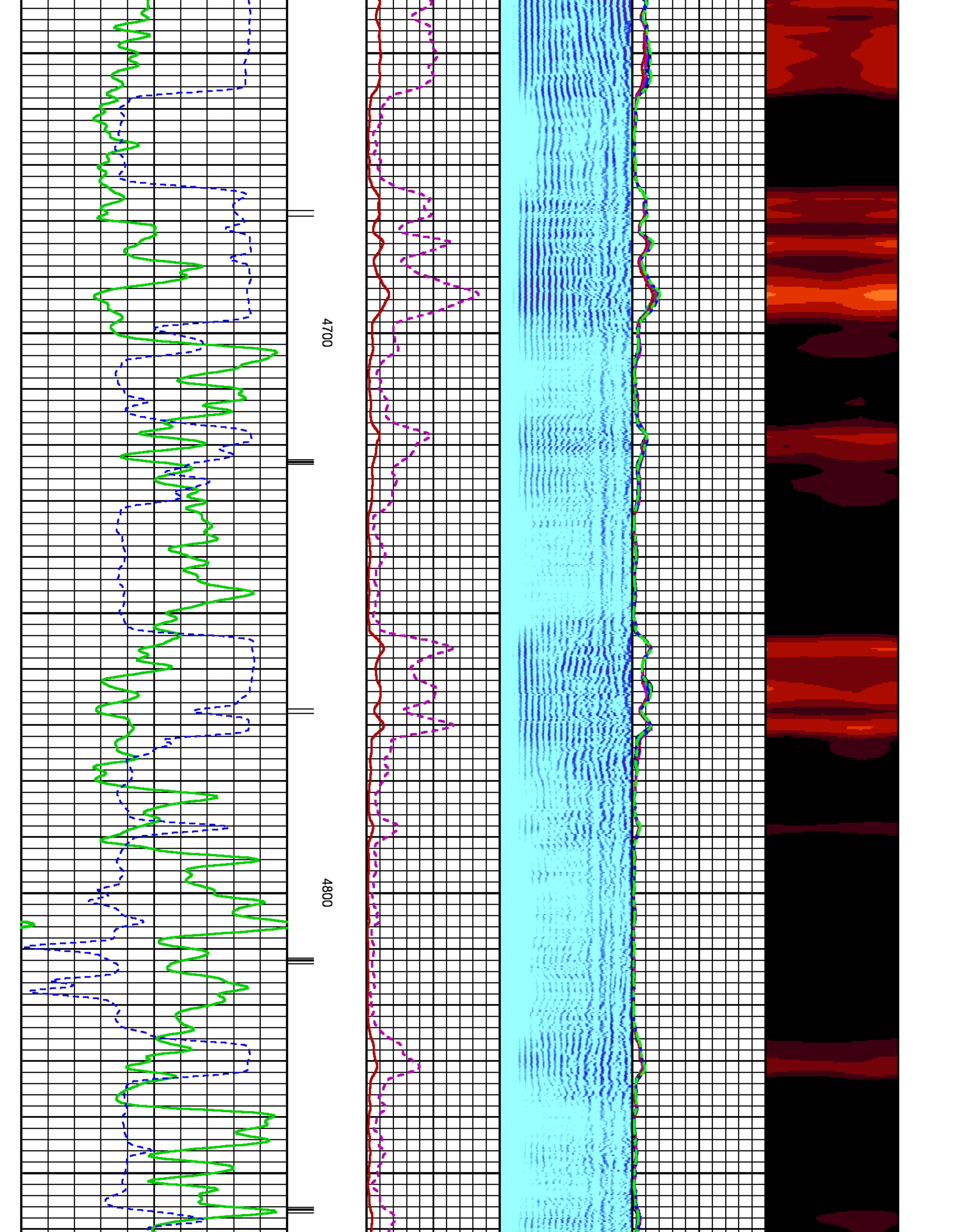
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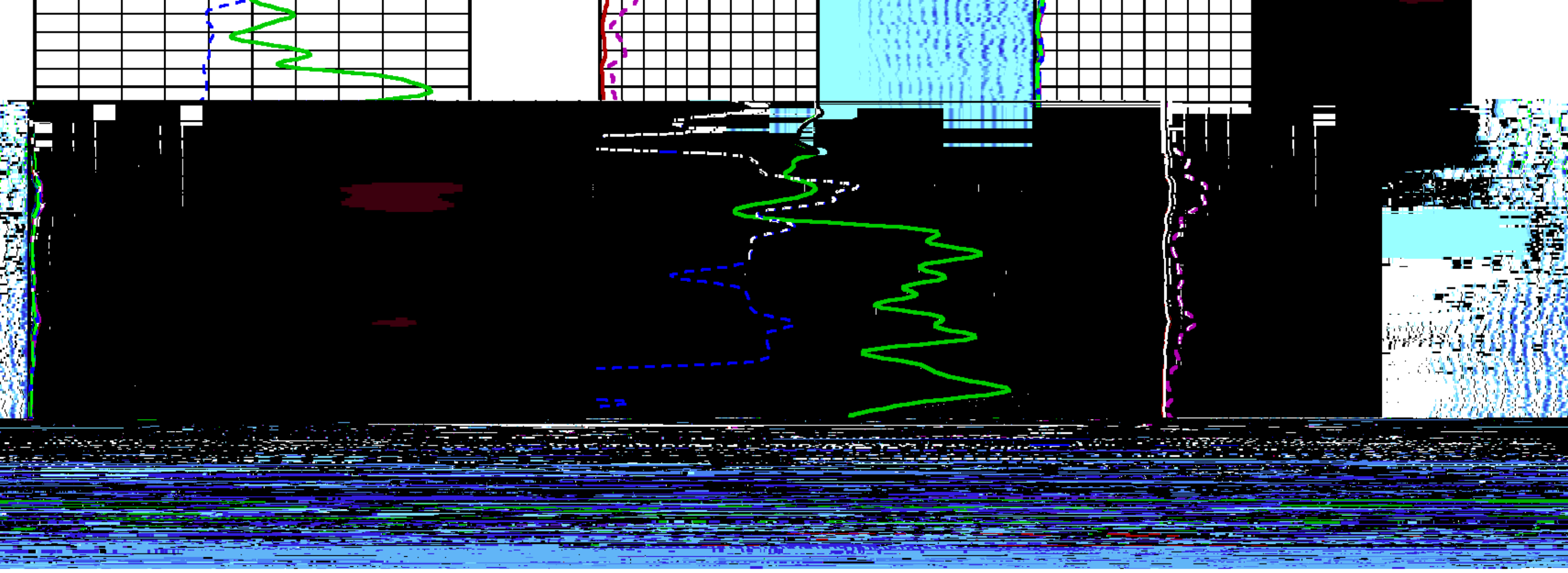

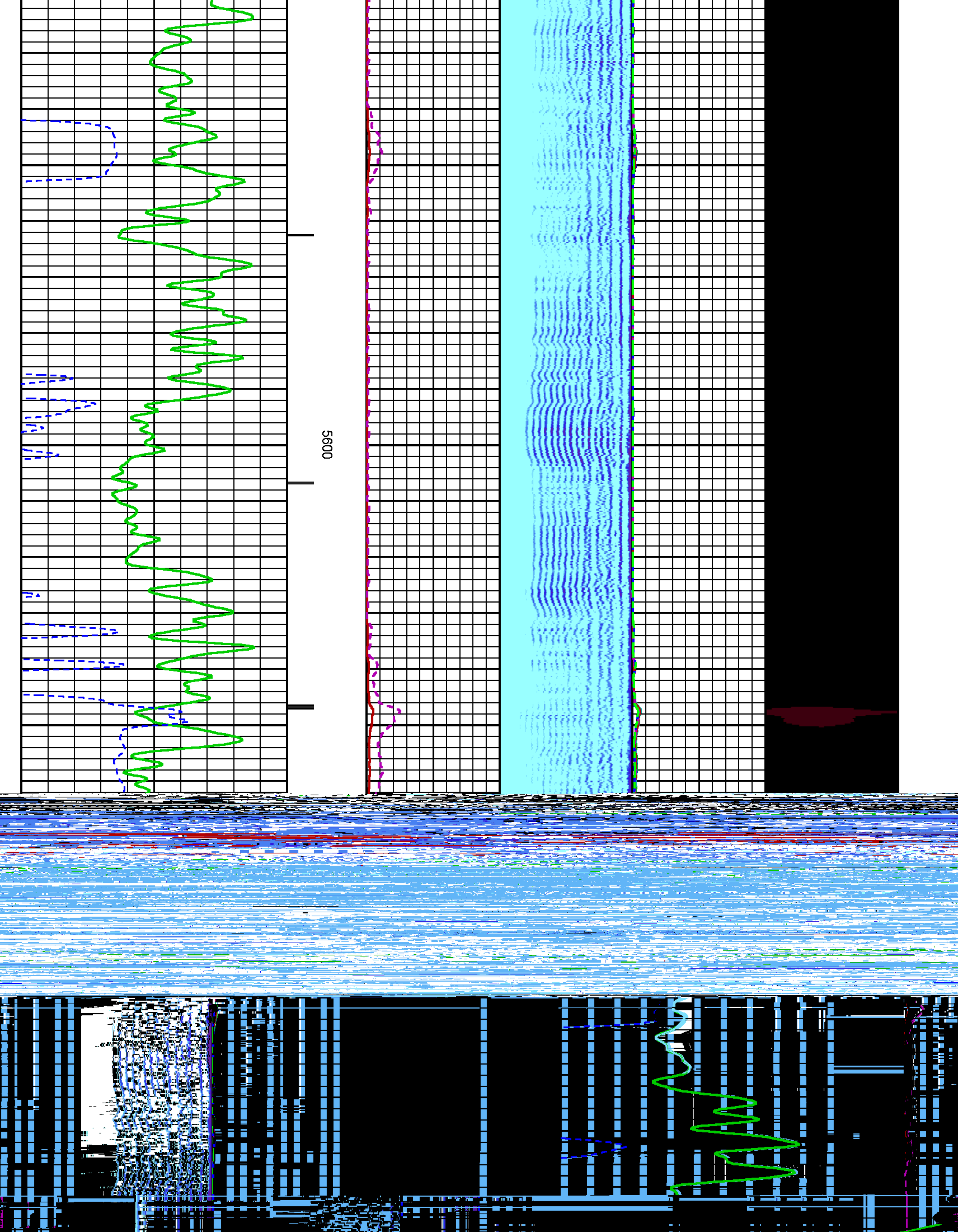
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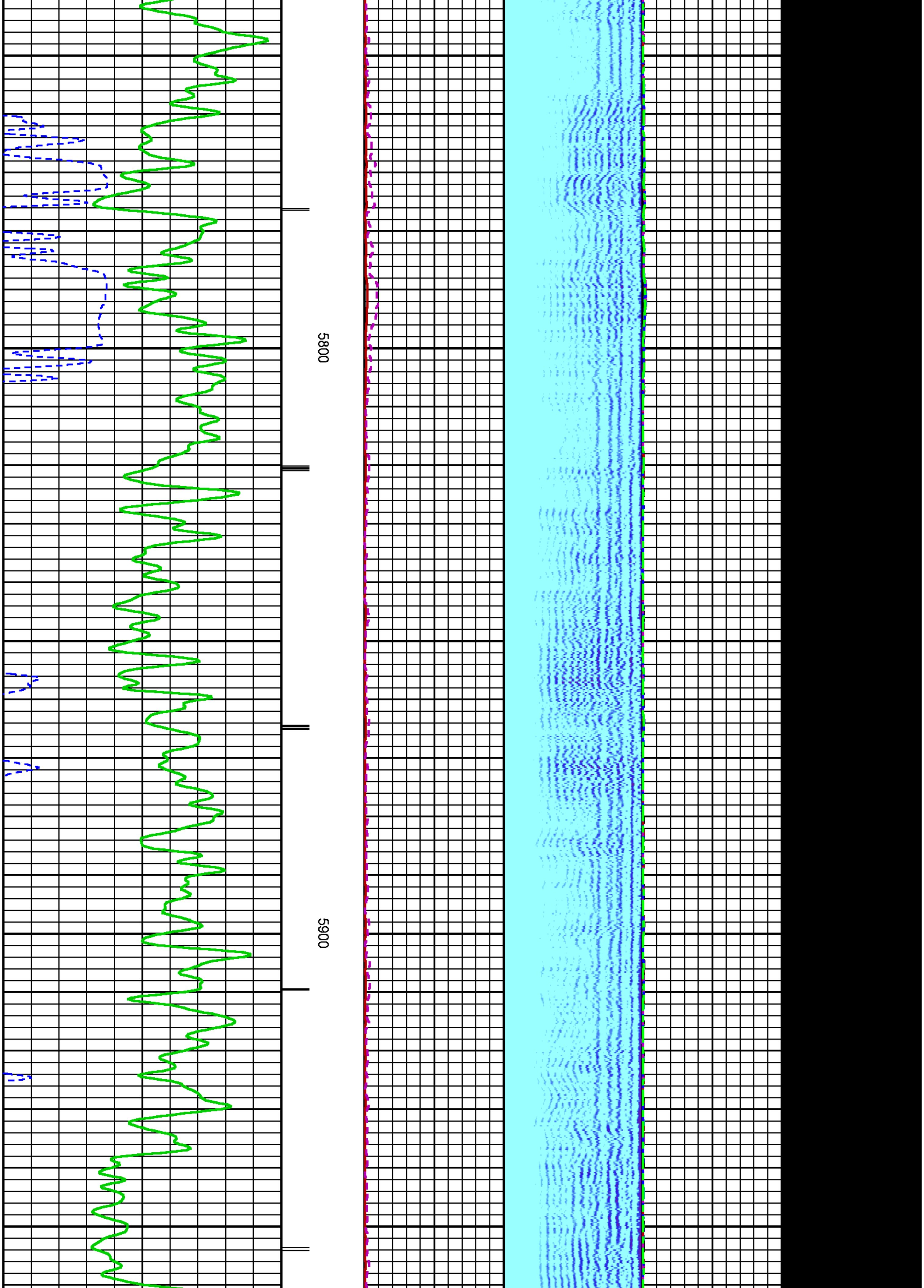
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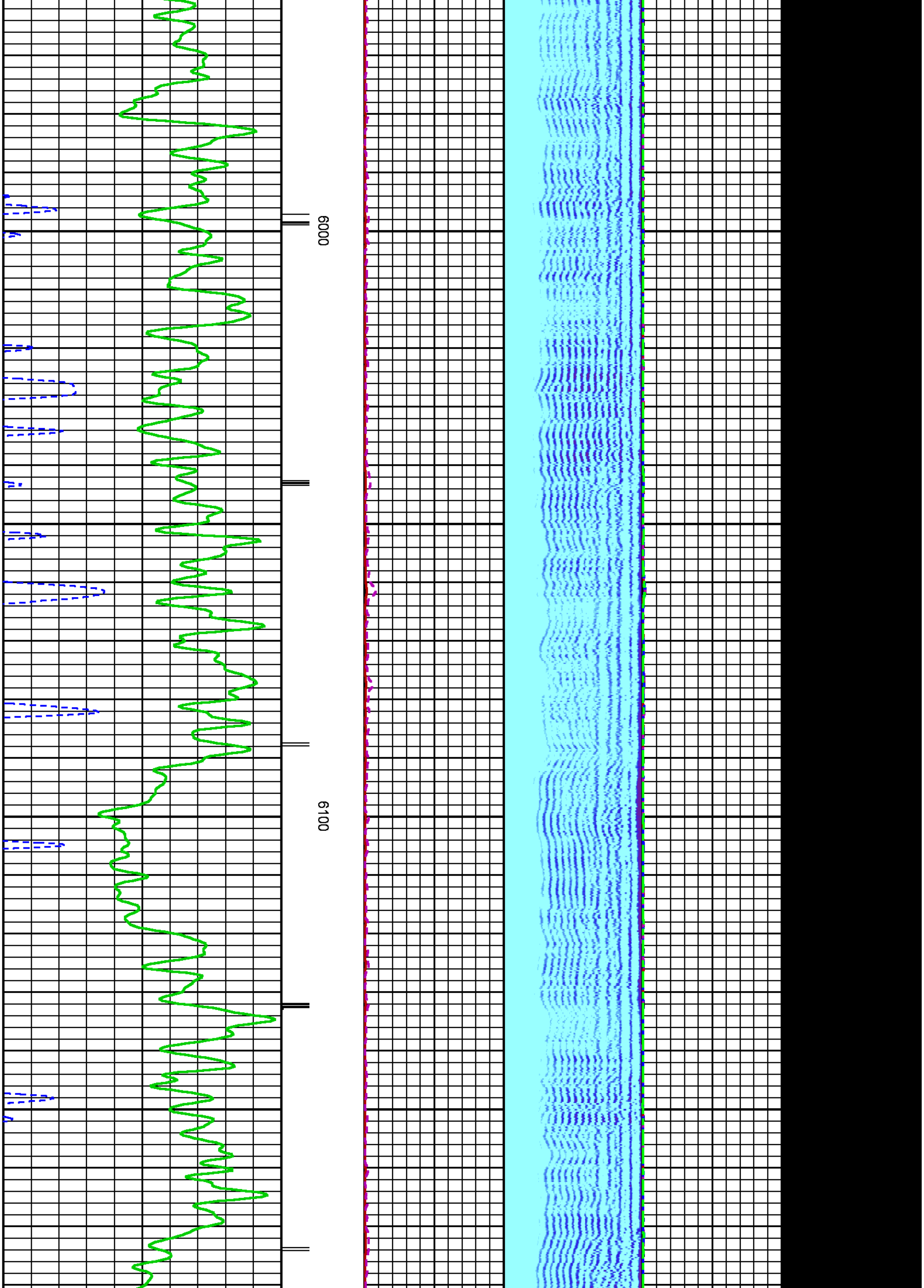
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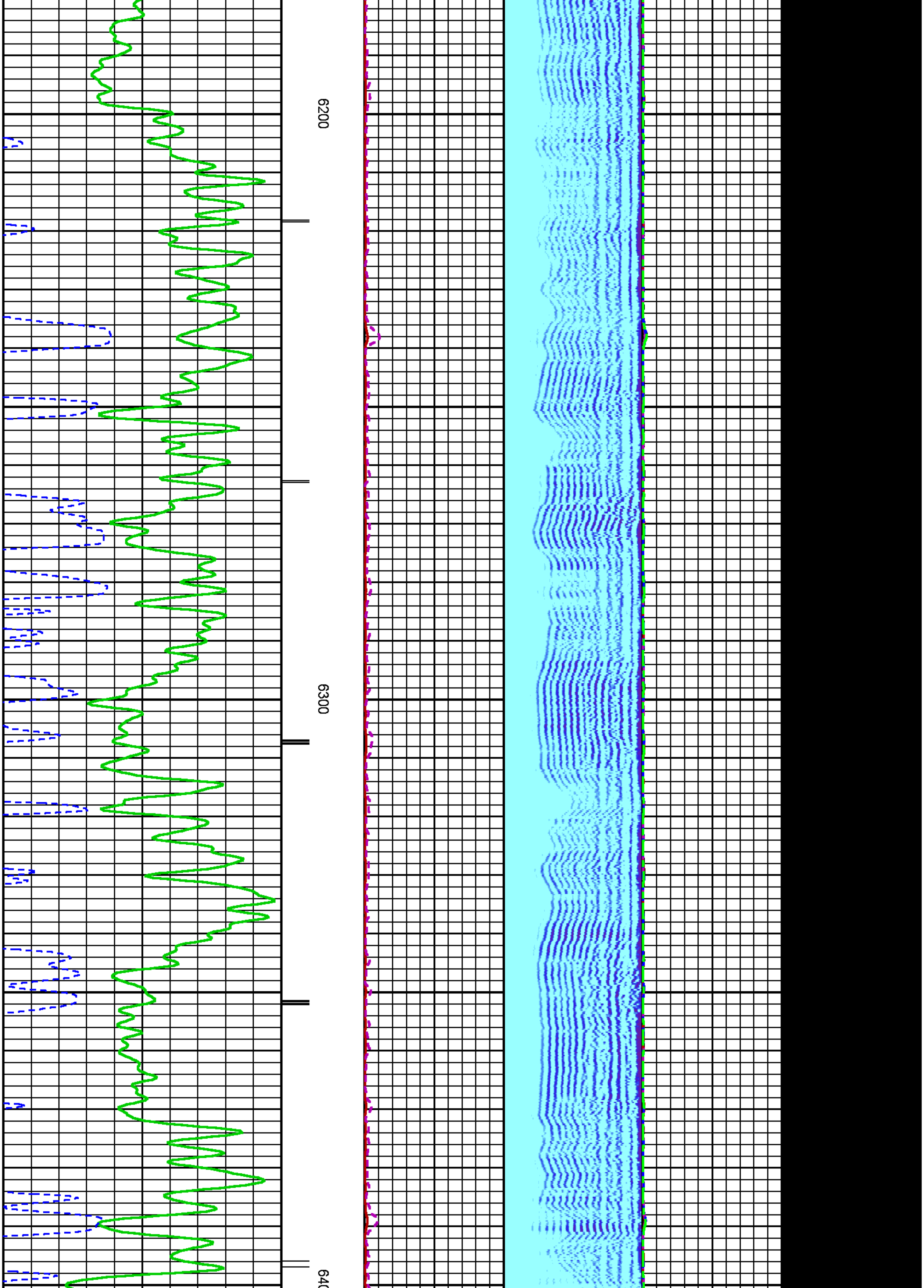
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ECLIPS 6.2i ECLIPS General Release Rel 6.2i Wed Jun 12 12:21:40 CDT 2013
Updates: 1

Plotted: Sun Jun 29 15:48:03 2014

PARAMETER AND FILTER SUMMARY REPORT

FILE: /dat1a/CH087294/n012e01.prm
LOGGING MODE: DEPTH DIRECTION: UP
TOP DEPTH: 6307.250 ft BOTTOM DEPTH: 6719.500 ft

SYMMETRIC FILTER

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
GR	FILTER ()	medium (1)		TOP	BOTTOM
AMPLITUDE	FILTER ()	medium (1)		"	"
TRAVEL TIME	FILTER ()	medium (1)		"	"

RAL CCL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
CCL FLOOR	CCL FLOOR	0		TOP	BOTTOM

ANALOG RAL PROCESSING

MEASUREMENT TYPE	PARAMETER	VALUE	UNITS	INTERVAL (ft)	
AMPLITUDE WINDOW (NEAR)	AMP WINDOW START (fgpn*)	185	us	TOP	BOTTOM
	AMP WINDOW LENGTH	30	us	"	"
TRAVEL TIME WINDOW (NEAR)	TT WINDOW START (ttn*)	160	us	"	"
	TT WINDOW LENGTH	500	us	"	"
	FIRST BRK THRESHOLD (ttn*)	4	mV	"	"
RAL CASING PARAMETERS	PPT NEAR	200.391	us	"	"
RAL TOOL DELAY	TOOL DELAY (strn*)	-65	us	"	"
BASELINE NOISE (NEAR)	NOISE WINDOW START	125	us	"	"
	NOISE WINDOW LENGTH	25	us	"	"

CURVE DESCRIPTION REPORT

CURVE NAME	CREATION DATE	CURVE DESCRIPTION
F1:CCL	Jun 29 10:42:04 2014	CASING COLLAR LOCATOR
F1:FAMPN	Jun 29 10:42:04 2014	FIXED GATE AMPLITUDE NEAR RECEIVER
F1:FWAVE	Jun 29 10:42:04 2014	FAR WAVE FORM
F1:GR	Jun 29 10:42:04 2014	GAMMA RAY
F1:TTN	Jun 29 10:42:04 2014	TRAVELTIME FROM NEAR TRANSMITTER-RECEIVER
F1:XAMPN	Jun 29 10:42:04 2014	FIXED GATE AMPLITUDE NEAR RECEIVER TIMES FIVE

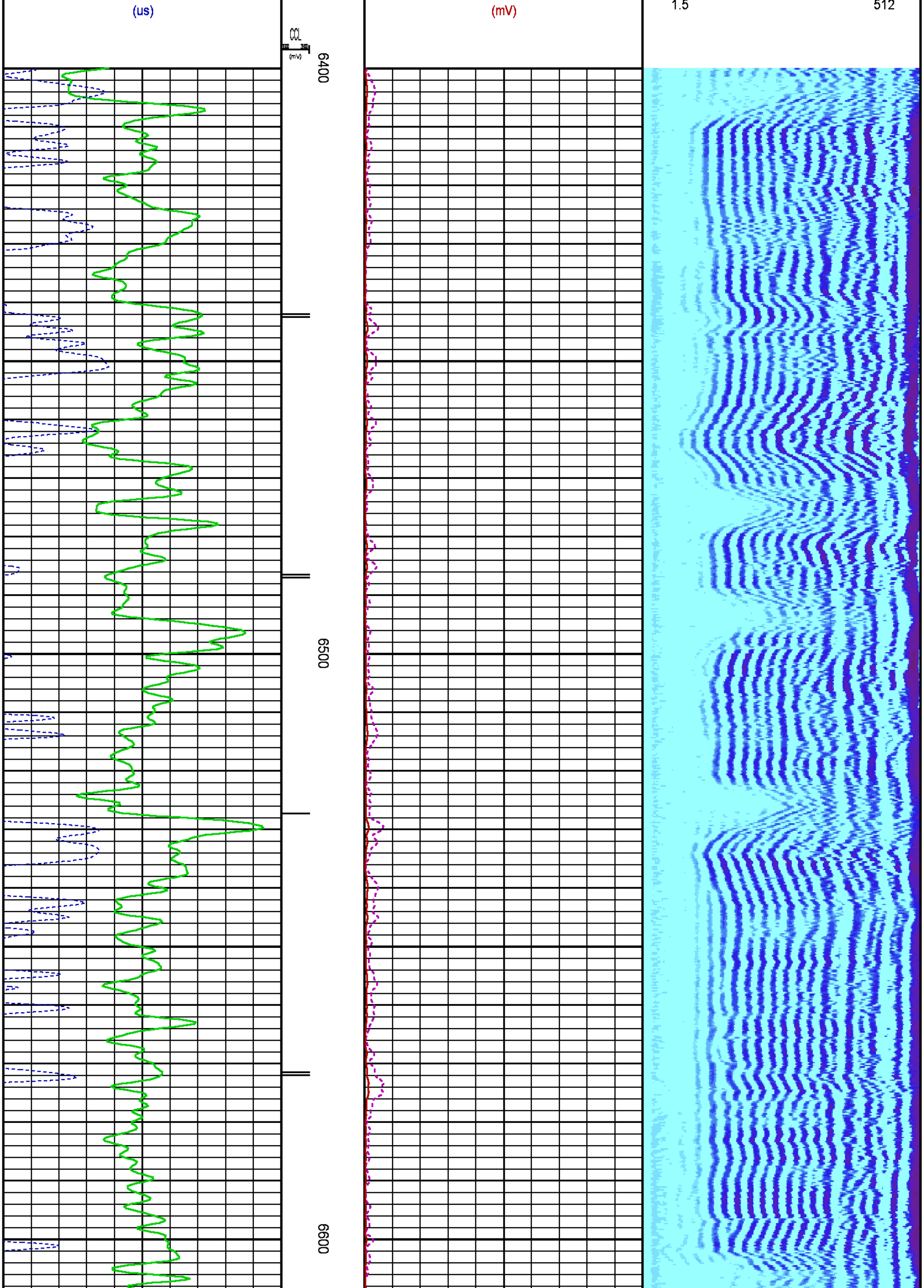
CURVE MEASURE POINT OFFSET

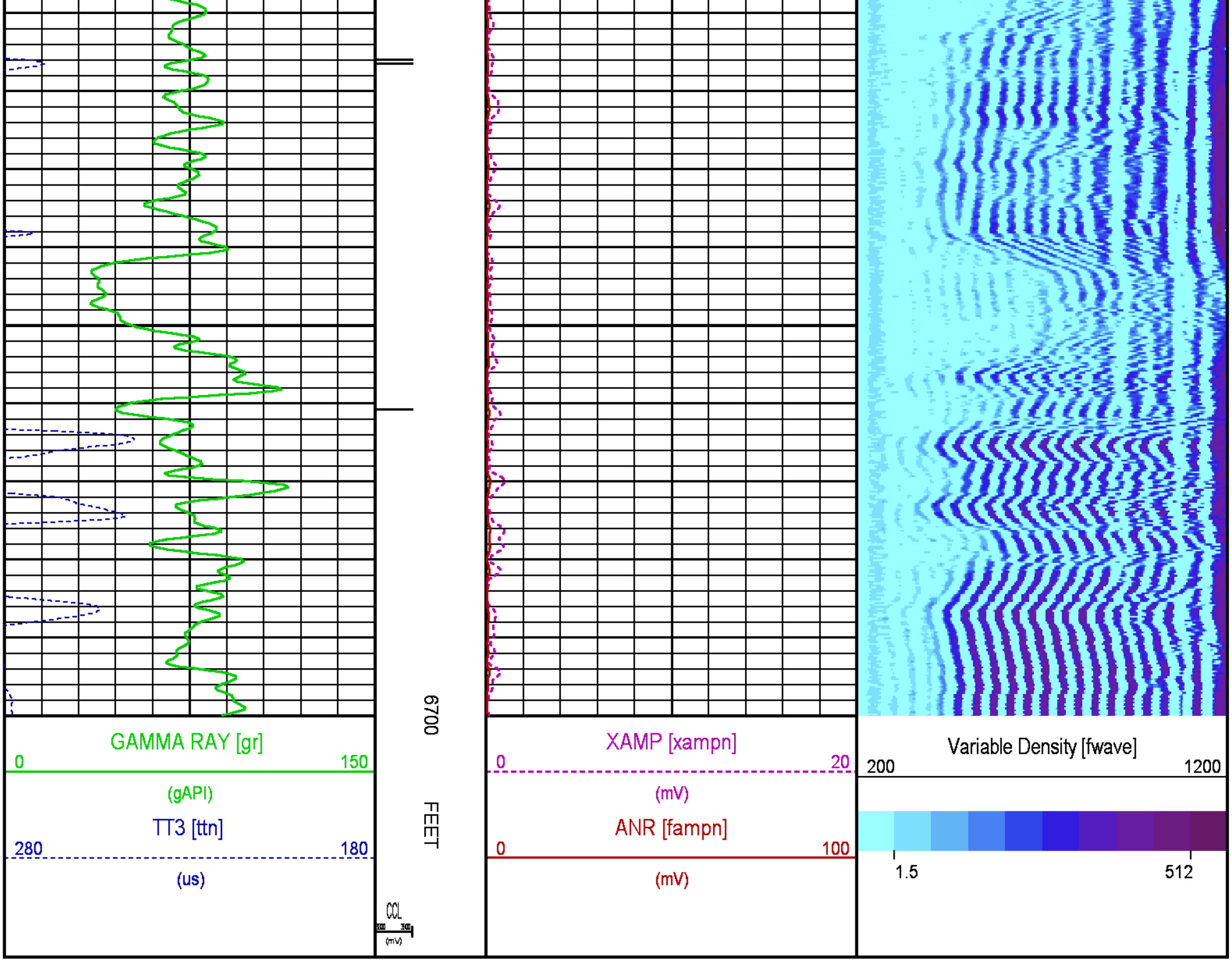
CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)	CURVE	OFFSET (ft)
CCL	8.50	GR	6.50	XAMPN	13.75		
FAMPN	13.75	TTN	13.75				

Presentation : HL6670:CBL_PRI_PRES_REPEAT.fvpdf [5"/100' Scale]
Plot Interval : 6400 - 6700 Feet

Data File 1 : F1 : HL6670:/dat1a/CH087294/n012e01.xtf
Created On : Jun 29 10:42:04 2014
Company : WPX ENERGY INC
Well : C & C ENERGY GM 423-13
Field : GRAND VALLEY
File Interval : 6293.5 - 6719.5 Feet
OCT : n012e

GAMMA RAY [gr] 0 – 150 (gAPI); TT3 [ttn] 280 – 180	FEET	XAMP [xampn] 0 – 20 (mV); ANR [fampn] 0 – 100	Variable Density [fwave] 200 – 1200


(us)
CCL
(mV)
(mV)
1.5
512
6400
6500
6600



CALIBRATION / VERIFICATION SUMMARY

Source File: /dat1a/CH087294/CBL.tp1

RAL PRIMARY CALIBRATION SUMMARY

TOOL #: 1426XA 10218495

DATE/TIME PERFORMED: Sun Jun 29 07:40:12 2014

UNIT #: 3880TA HL6670

	NEAR (mV)	RADIAL (mV)	FAR (mV)
TARGETS	100.00	100.00	150.00

	NEAR	R1	R2	R3	R4	R5	R6	R7	R8	FAR	CAL
ZERO (mV)	3.23	2.71	3.60	3.72	3.74	3.50	3.54	2.79	2.44	-3.78	-0.05
AMP FLUID (mV)	336	328	327	329	328	330	330	332	332	420	328
TT (us)	218	218	218	218	218	218	218	218	218	299	218
M FACTOR	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.30	0.30	0.35	0.31

BAKER HUGHES ECLIPS	COMPANY	WPX ENERGY INC	FILE NO: US087294
	WELL	C & C ENERGY GM 423-13	API NO: 05045222620000
	FIELD	GRAND VALLEY	
	COUNTY	GARFIELD STATE CO	

LOCATION: SHL: 277' FSL 1001' FWL S12 T7S R96W BHL: 2246' FNL 1223' FWL S13 T7S 96W SEC 13 TWP 7S RGE 96W	ELEVATIONS: KB 5165 FT DF GL 5141 FT	S13 T7S R96W PAD: GM 24-12 RIG: HP-318
	DATE 29-Jun-2014	