

HALLIBURTON										CEMENT BOND LOG																			
Company					SYNERGY RESOURCES CORP.					Company					SYNERGY RESOURCES CORP.														
Well					FAGERBERG 15N-7A-M					Well					FAGERBERG 15N-7A-M														
Field					WATTENBERG					Field					WATTENBERG														
County					WELD State CO					County					WELD State CO														
Permanent Datum Log Measured From Drilling Measured From Date @ Time Logged Run No. Depth - Driller Depth - Logger Bottom - Logged Interval Top - Log Interval Max. Recorded Temp. CEMENTING DATA Date / Time Cemented Primary / Squeeze Expected Compressive Strength Cement Volume Cement Type / Weight Formulation Mud Type / Mud Wgt.										Sec: 12 Twp: 6N Rge: 66W										Other Services									
										GROUND LEVEL Elevation 4799'										LAT: 40.499060 LONG: -104.734125 NONE									
										KB , 20 Ft. above perm. datum										K.B. 4819' D.F. 4819' G.L. 4799'									
										KB																			
Type Fluid in Hole					FRESH WATER					Type Fluid in Hole					FRESH WATER														
Density of Fluid					8.5 PPG					Density of Fluid					8.5 PPG														
Fluid Level					10'					Fluid Level					10'														
Cement Top Est. Logged					92'					Cement Top Est. Logged					92'														
Equipment / Location					11875120 / BRIGHTON					Equipment / Location					11875120 / BRIGHTON														
Recorded by					J. SCHMIDT					Recorded by					J. SCHMIDT														
Witnessed by					F. ORTEGA					Witnessed by					F. ORTEGA														
Protection String					Production String					Protection String					Production String														
Liner										Liner																			

Service Ticket No.		903452228		API No.		05123431810000		PGM Ver		WARRIOR 8.0	
The Well Name, Location, Borehole Description, and / or Cementing Data Furnished by Client											
EQUIPMENT DATA											
TELEMETRY			RBT								
Run No.	ONE		Run No.	ONE		Run No.			Run No.		
Serial No.	11224502		Serial No.	11002212		Serial No.			Serial No.		
Model No.	TTTCU-002		Model No.	RBT (PROBE)		Model No.			Model No.		
Diameter	1.69"		Diameter	3.125"		Diameter			Diameter		
LOGGING DATA											
General Data											
Pass	Depths			Well Head		Speed		Logging Run Comments			
No	From		To		Pressure		Ft/Min				

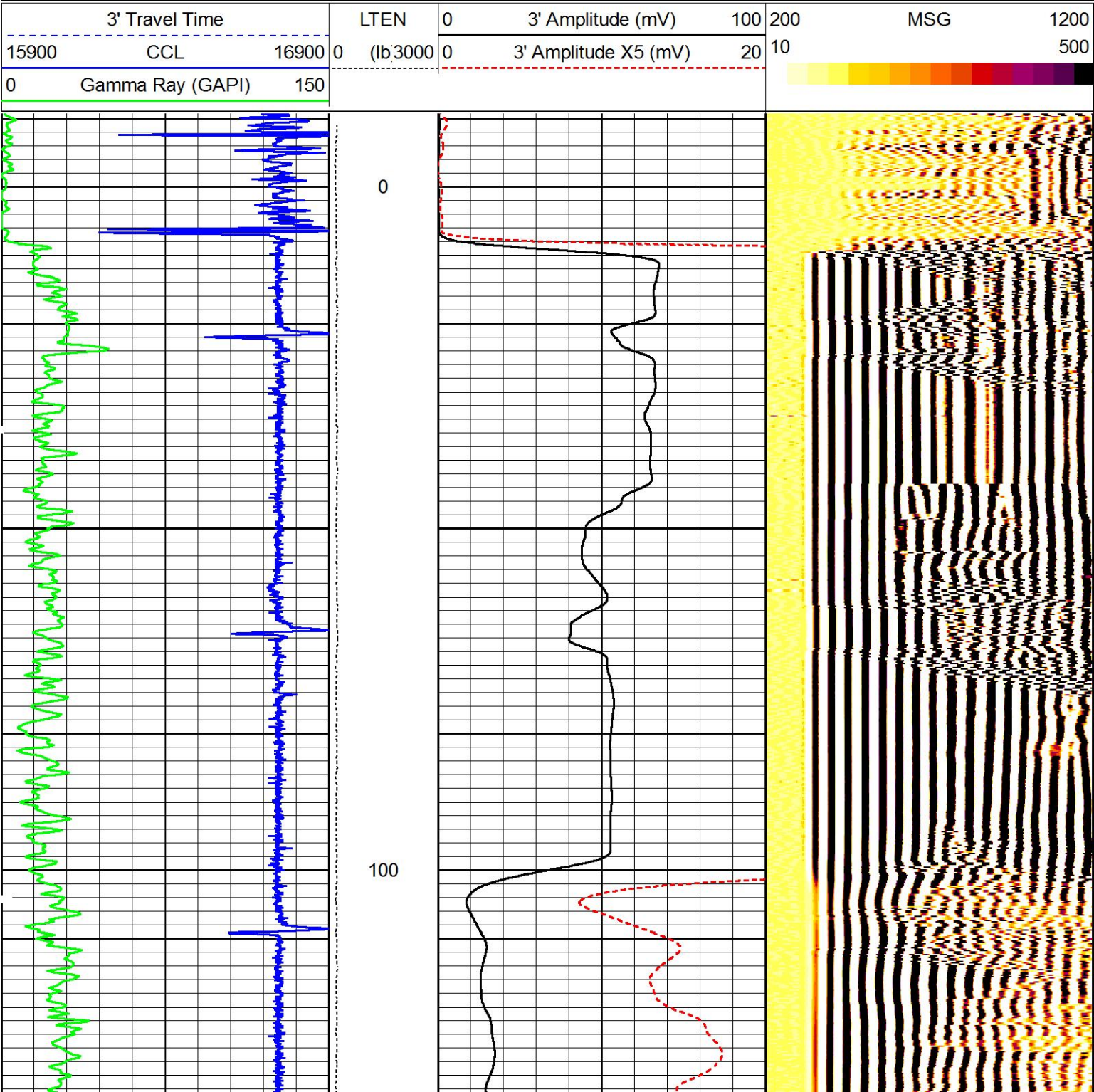
ONE	SURFACE	6525'	2500 PSI	60				
	GAMMA		AMPLITUDE					
Pass	Scale		Scale		Scale		Scale	
No.	L	R	L	R	L	R	L	L
	0	150	0	100				
DIRECTIONAL INFORMATION								
Maximum Deviation			deg. @		KOP			

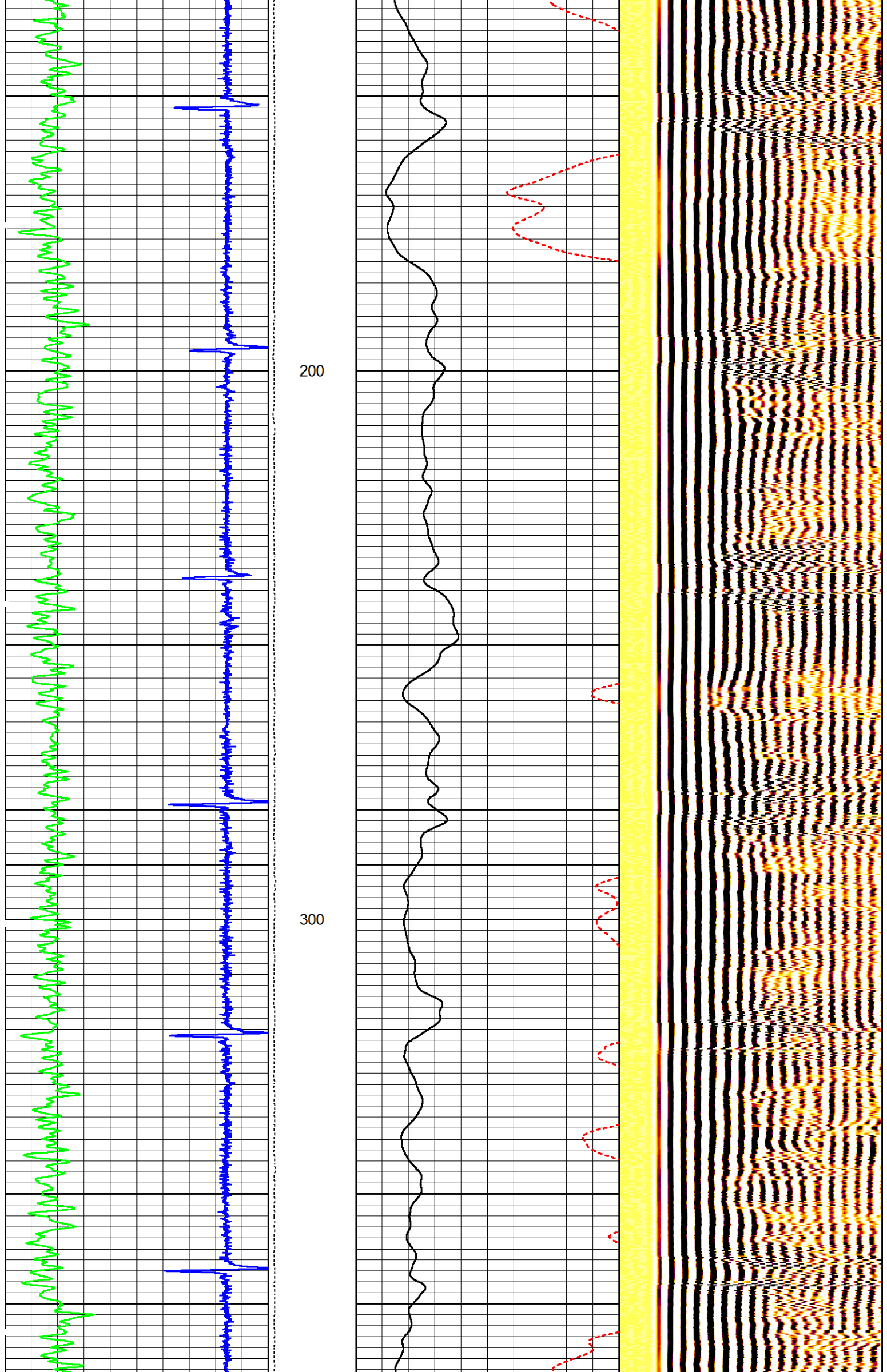
HALLIBURTON

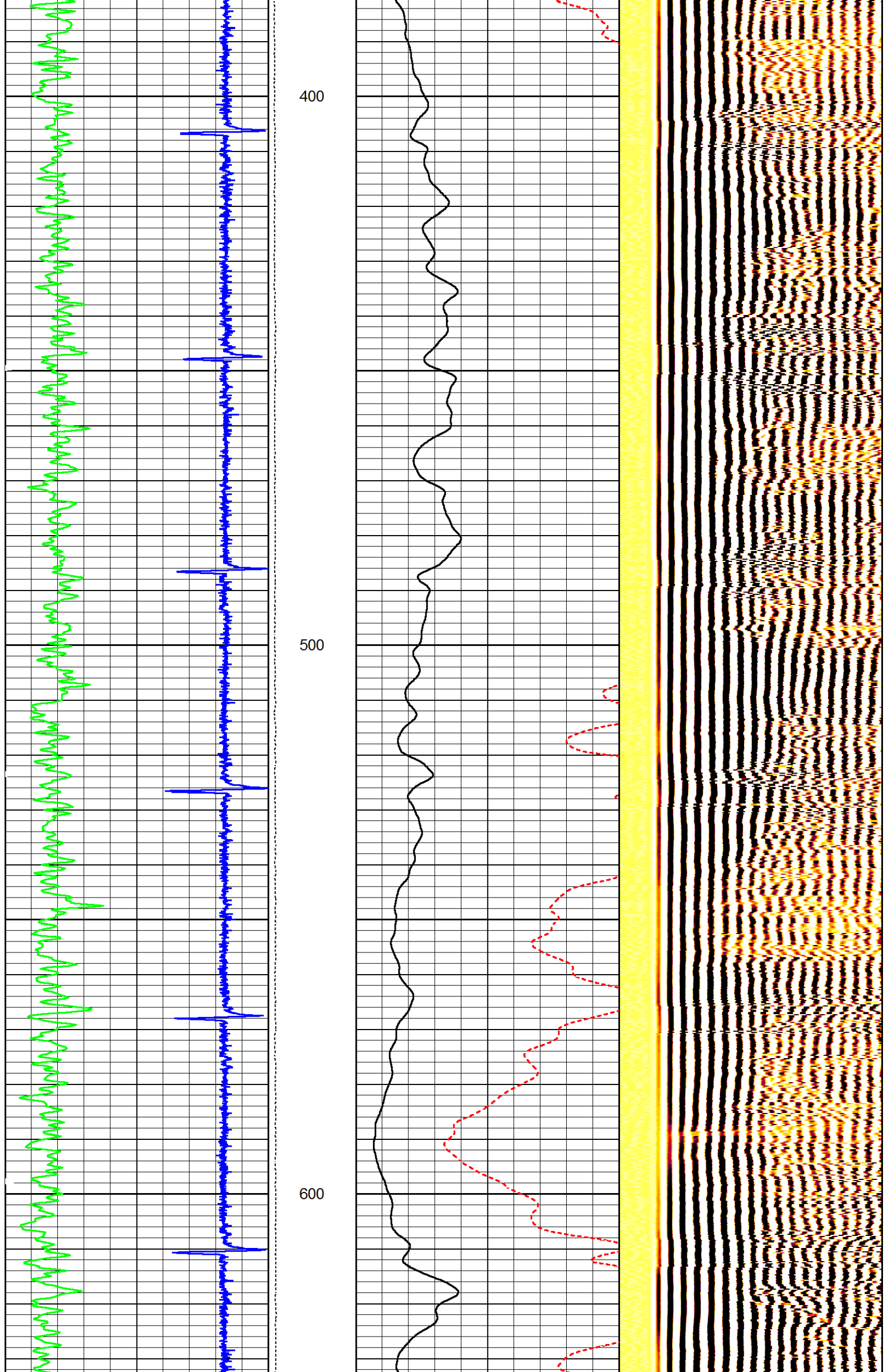
MAIN PASS (2500 PSI)

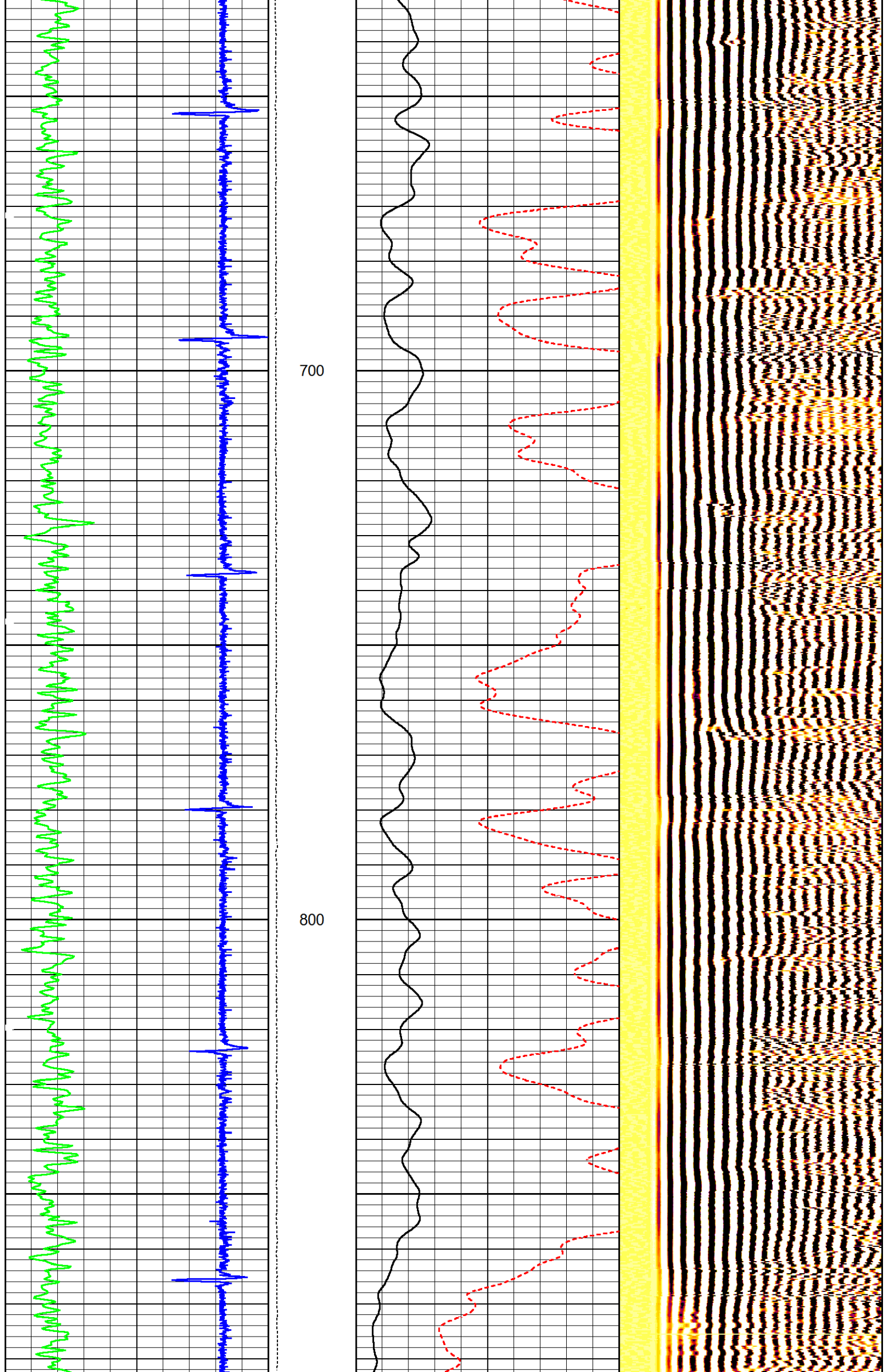
5" = 100'

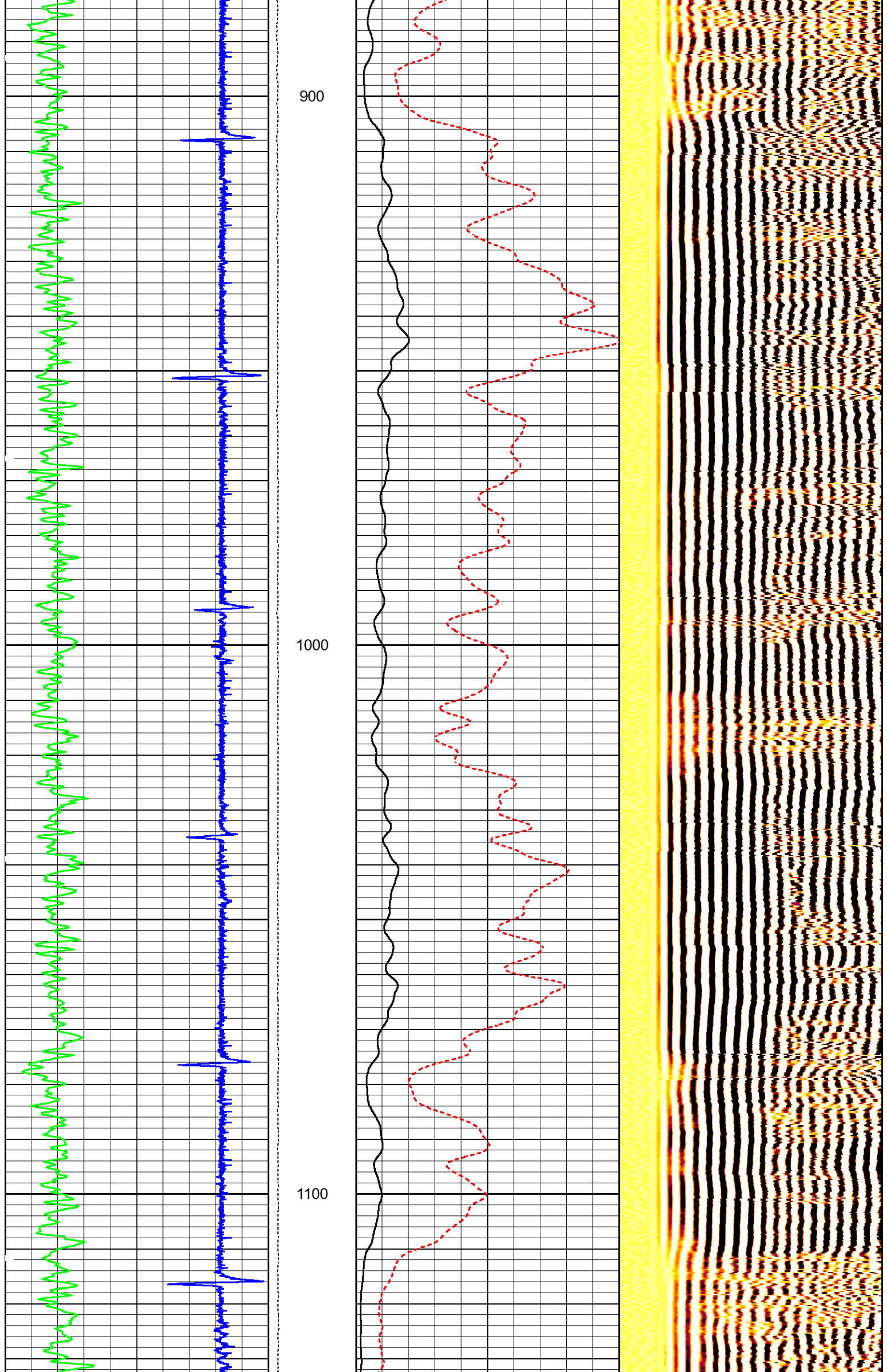
Database File	15n-7a-m.db
Dataset Pathname	BP/MAIN1
Presentation Format	1SYNER~1
Dataset Creation	Thu Aug 04 09:21:34 2016
Charted by	Depth in Feet scaled 1:240

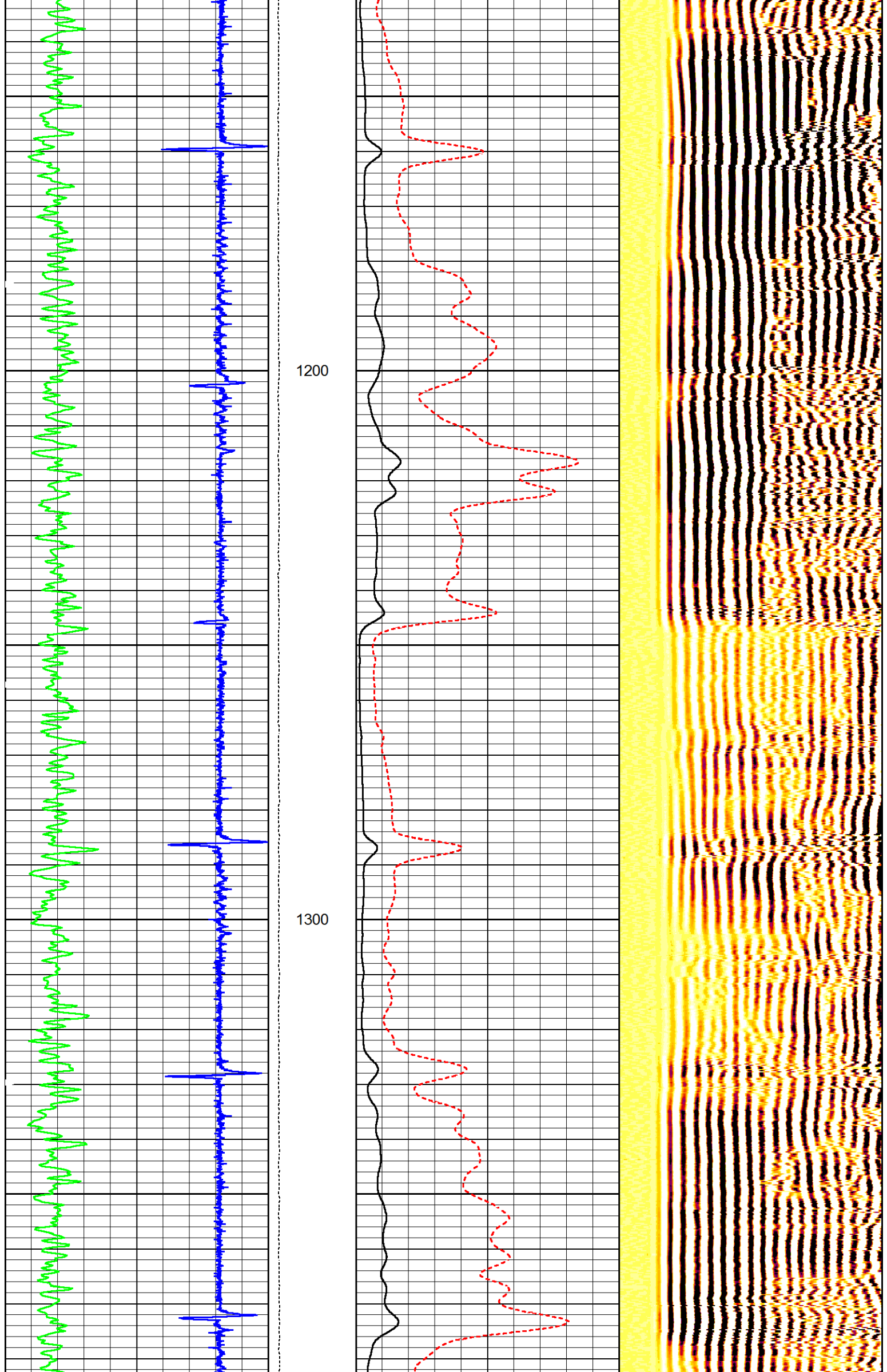


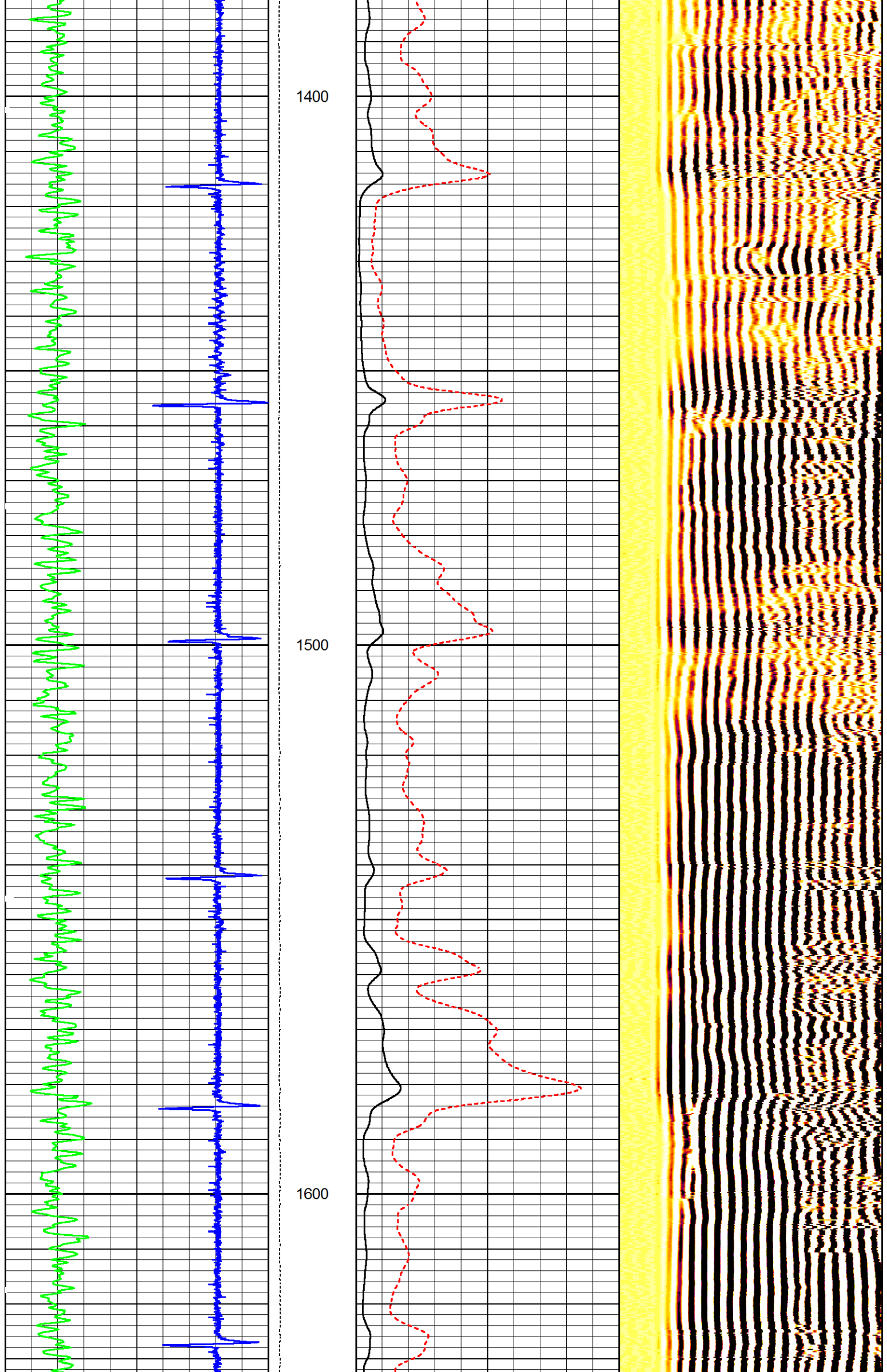


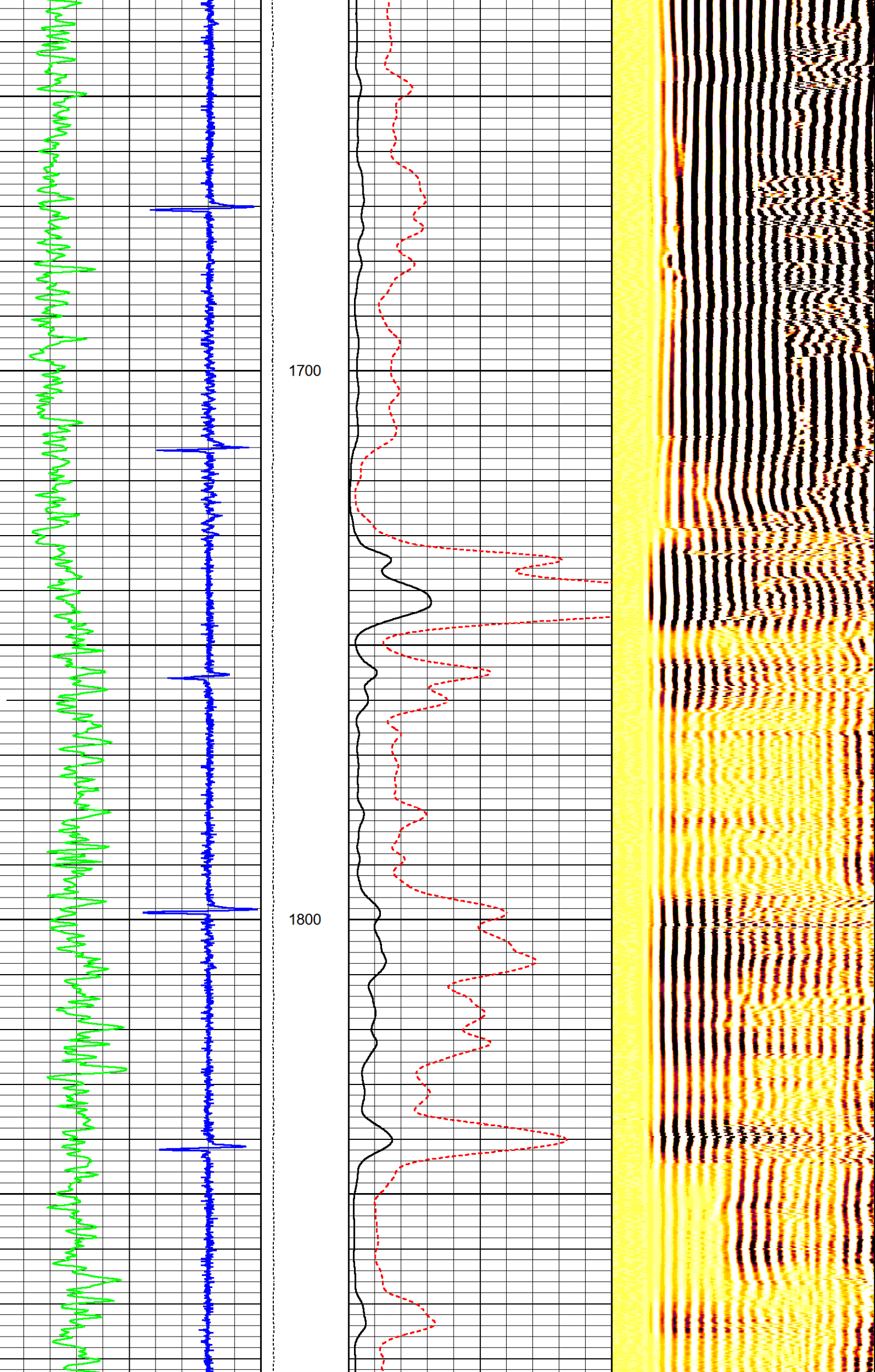


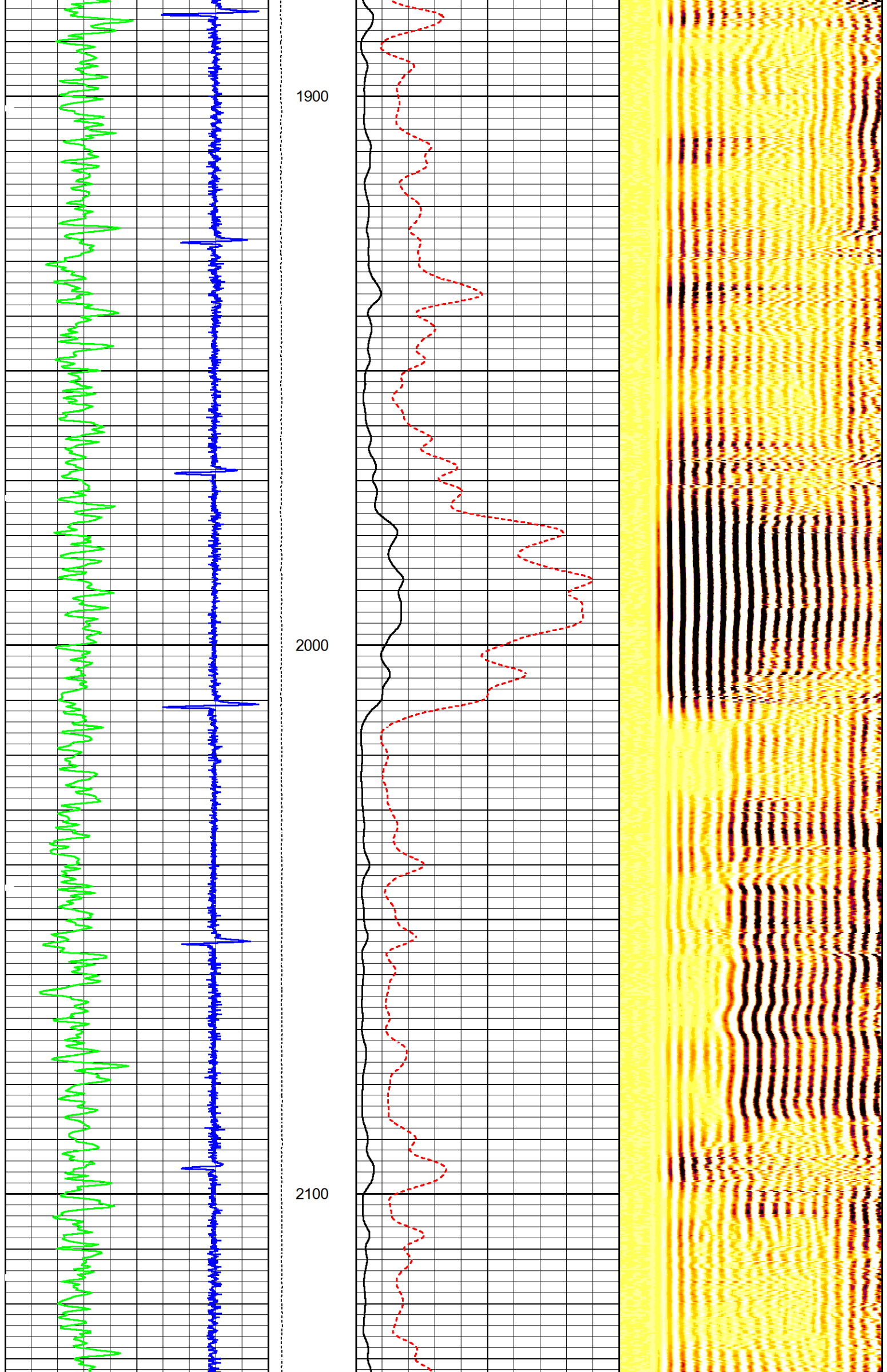


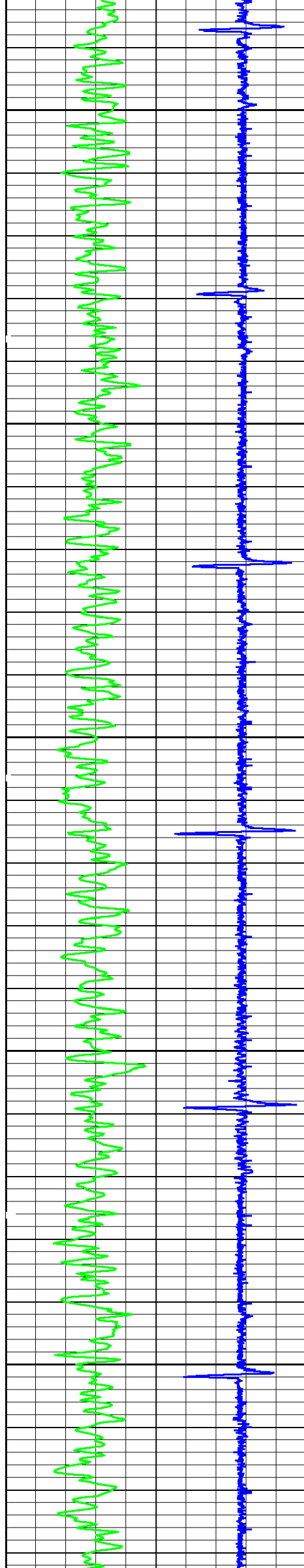






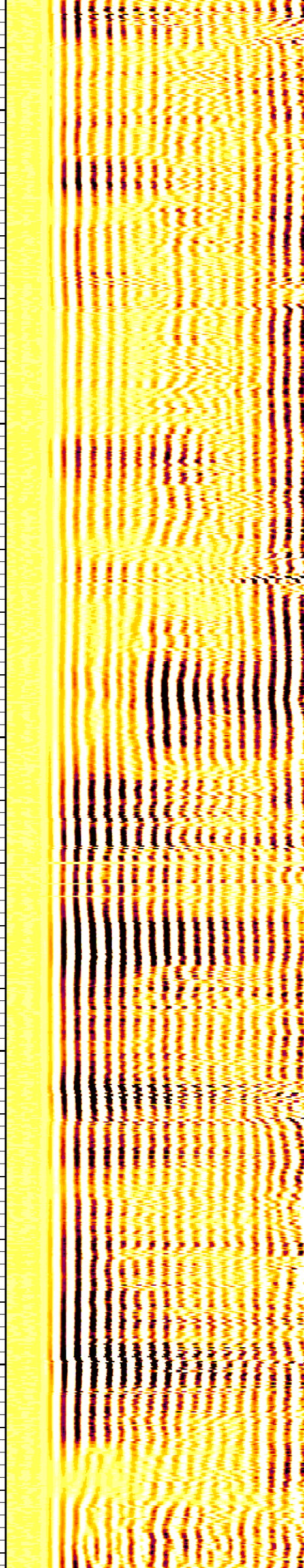
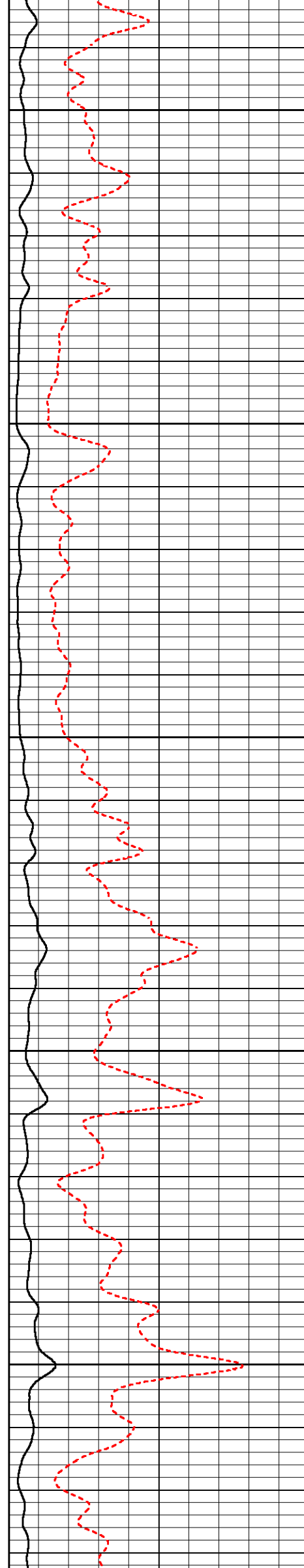


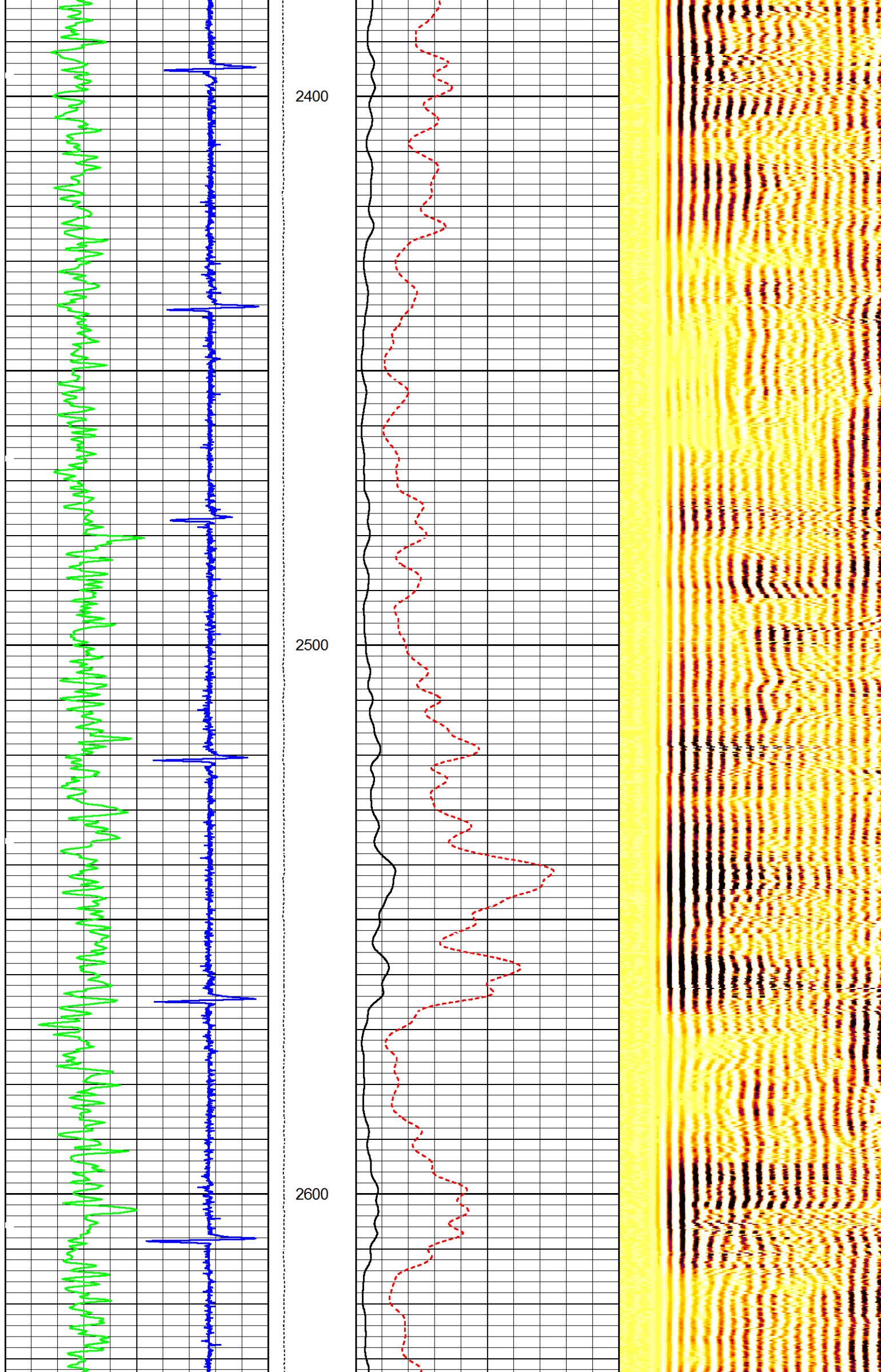


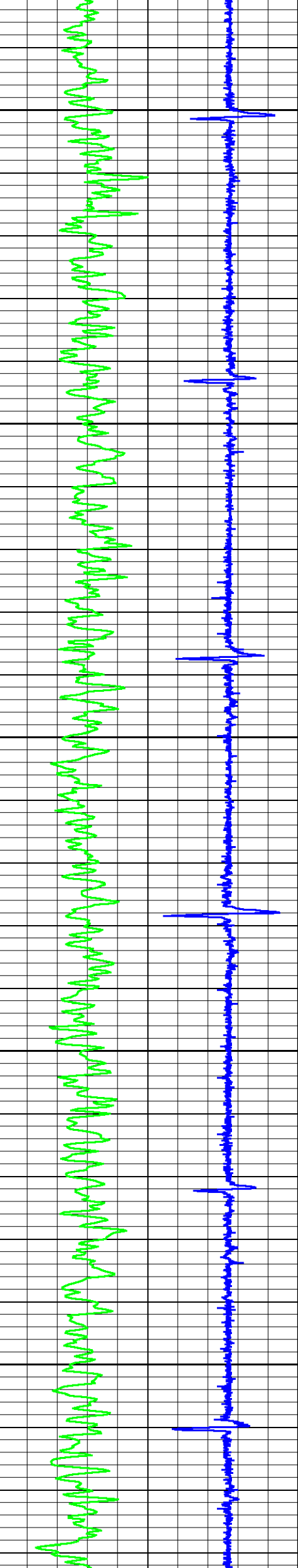


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2300

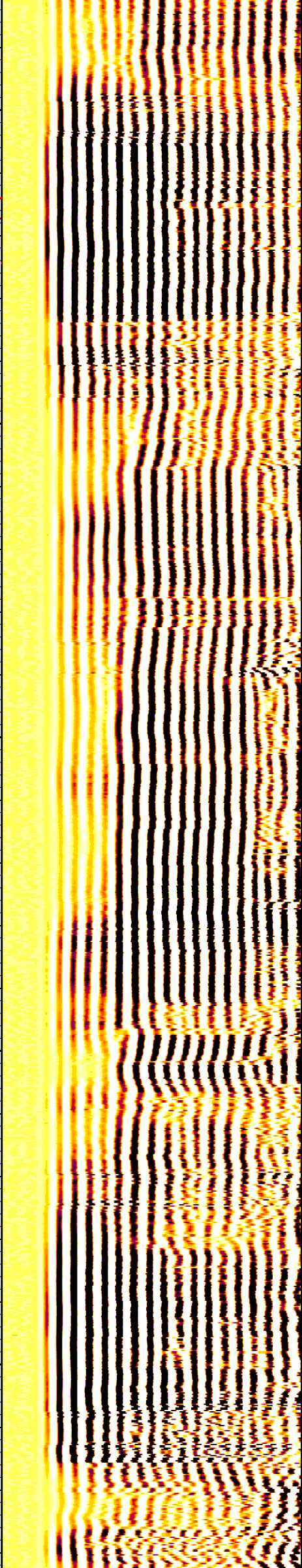


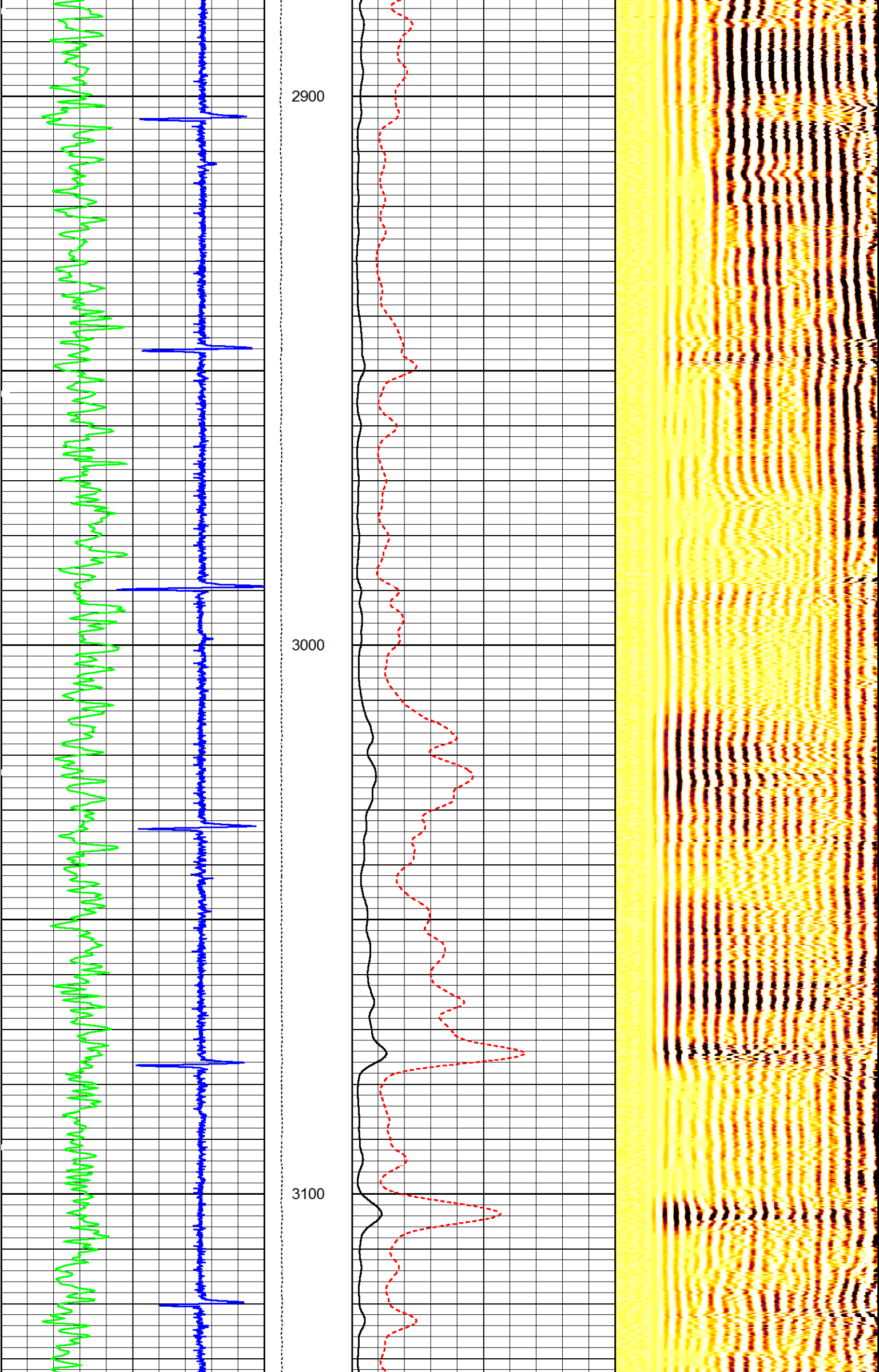


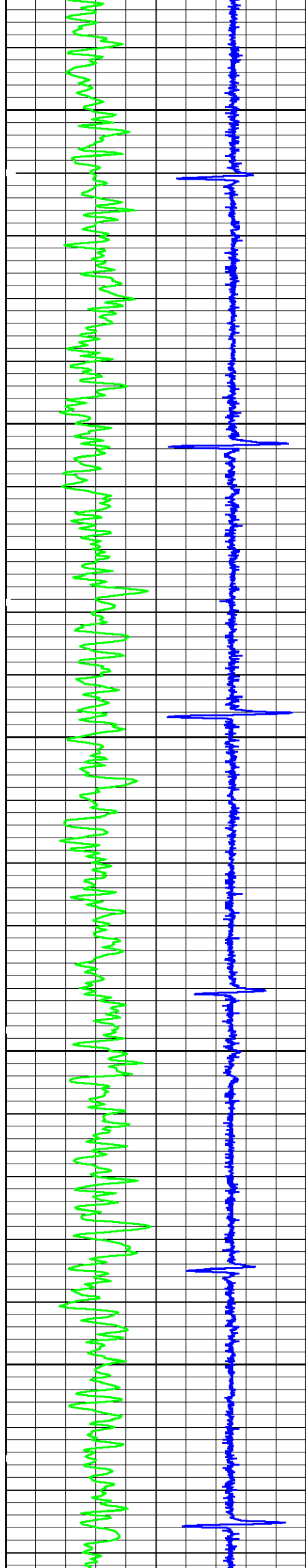


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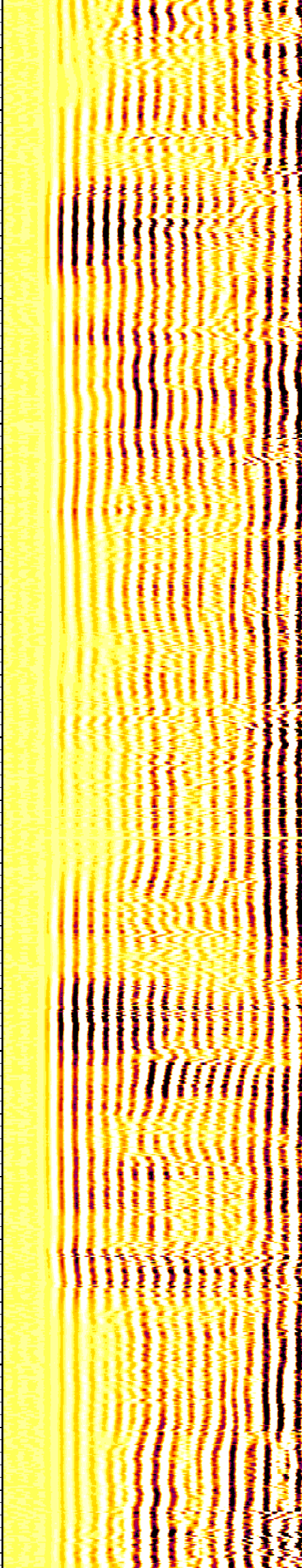
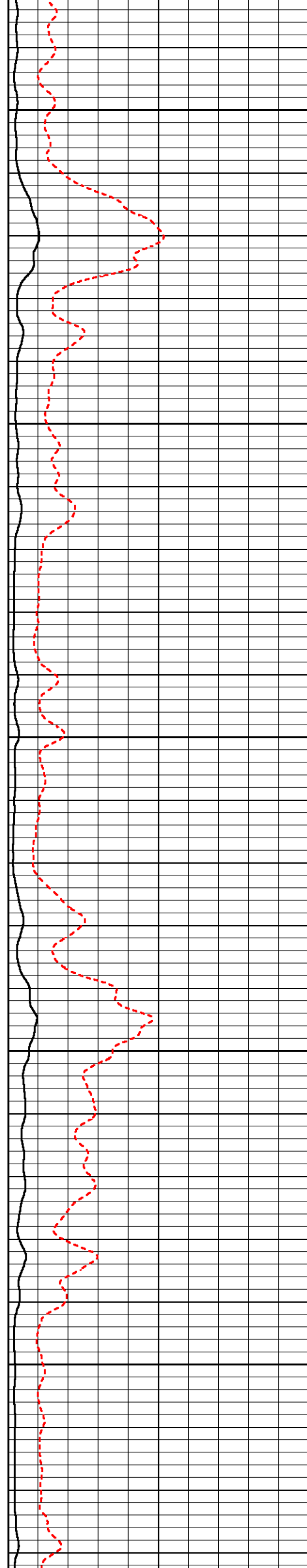


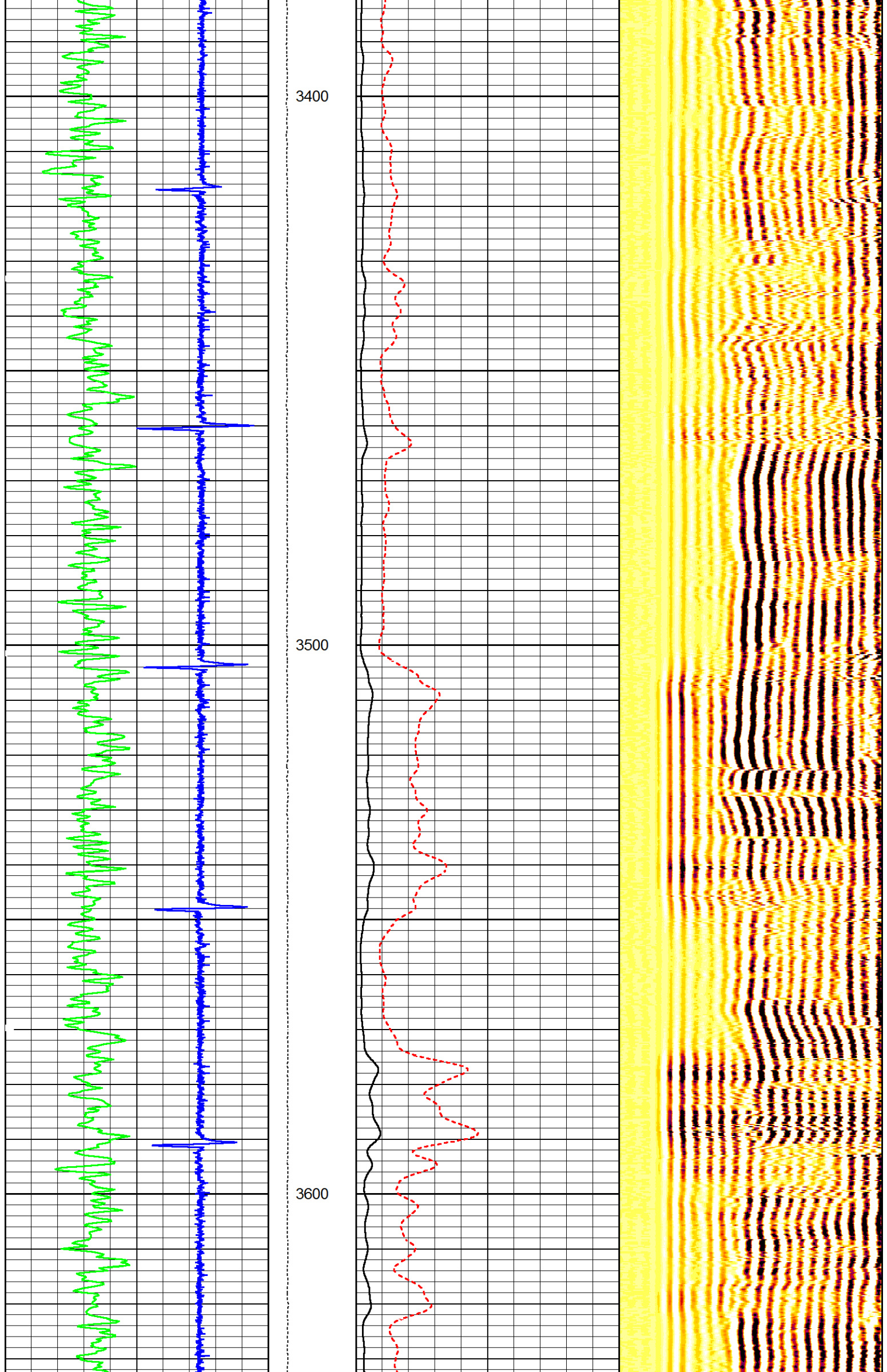


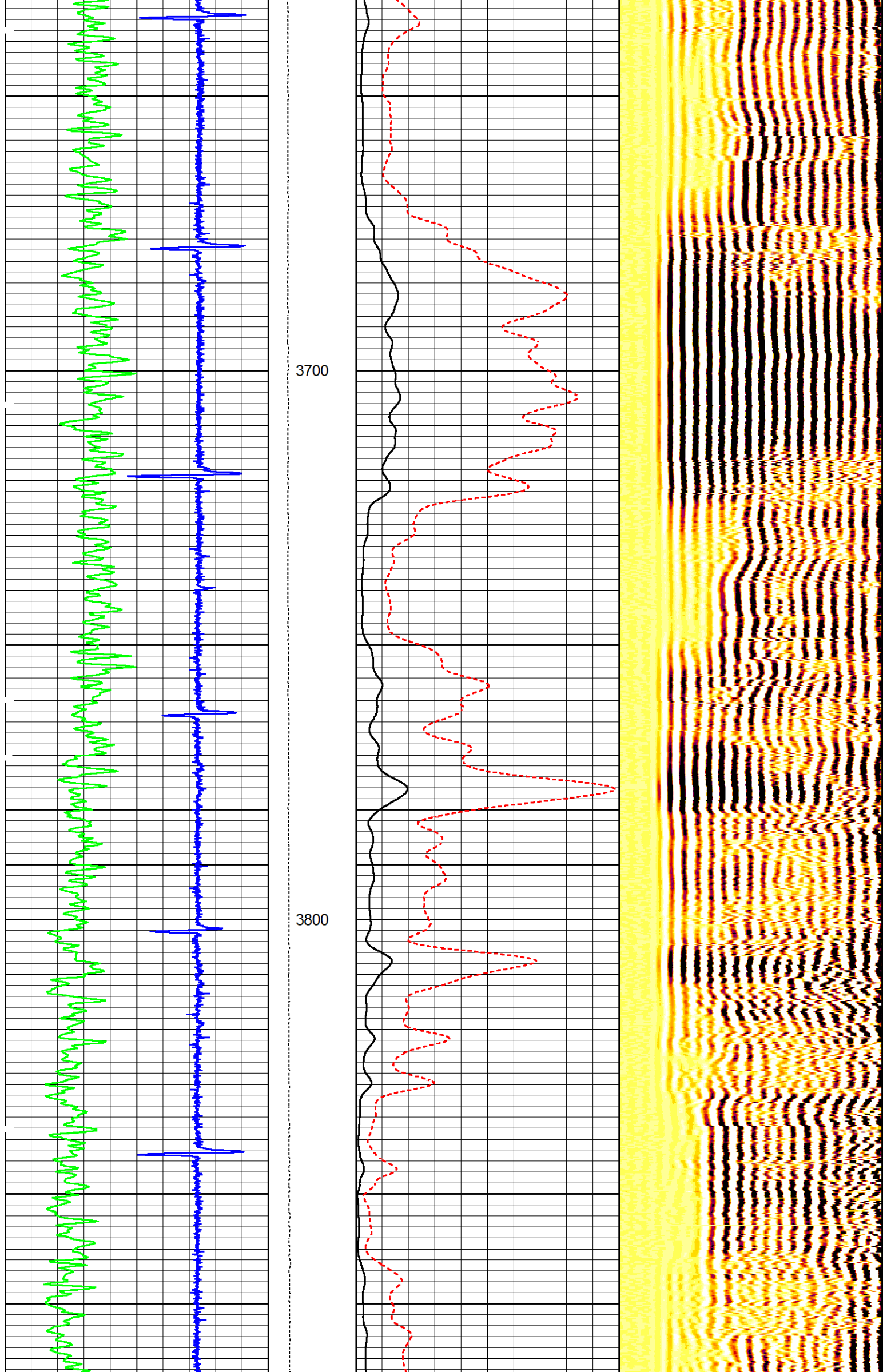


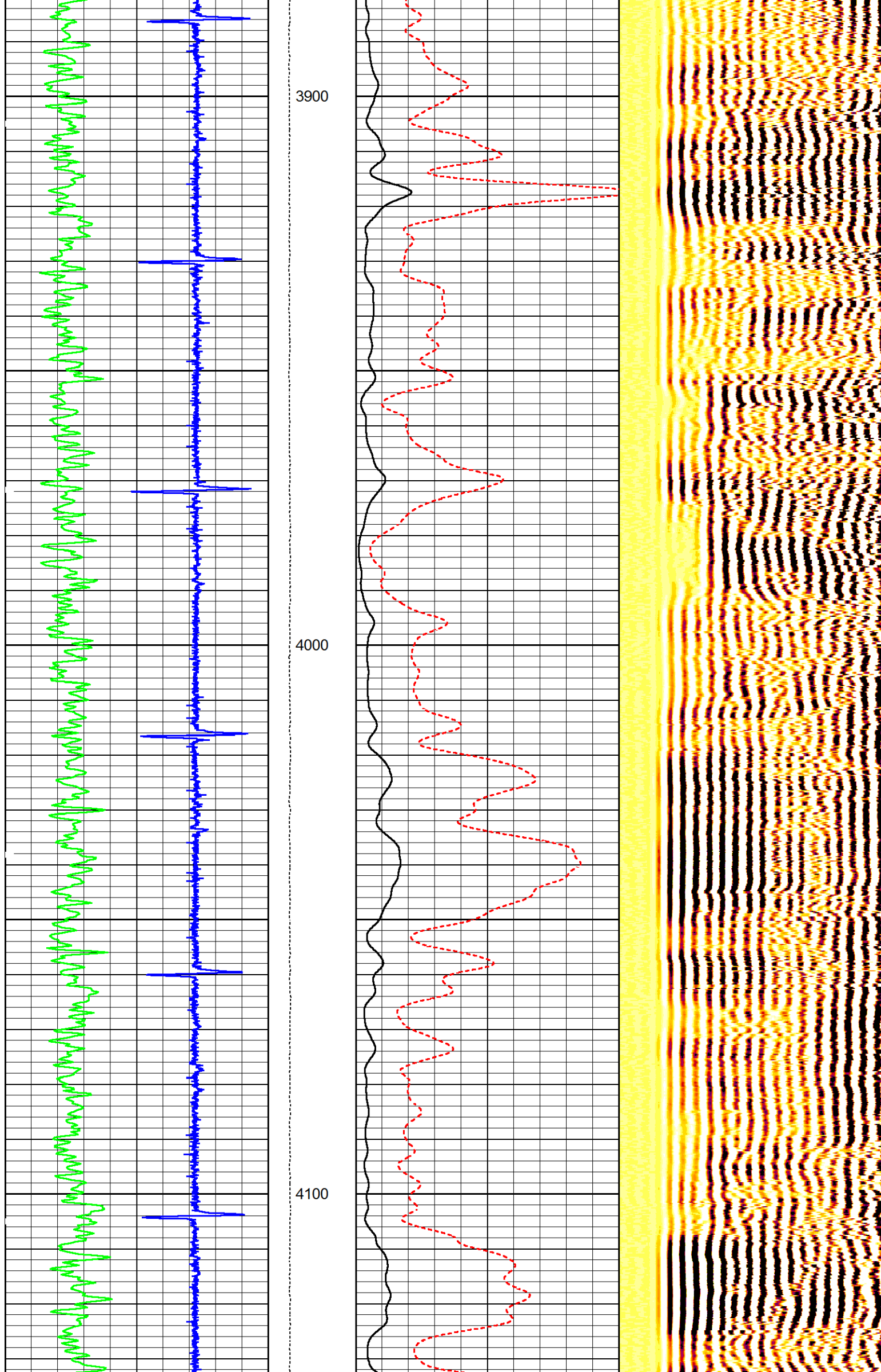
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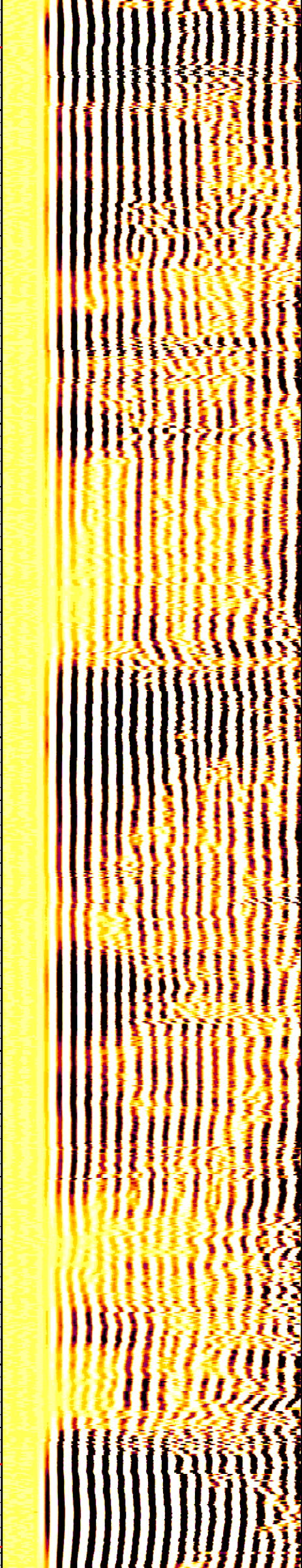
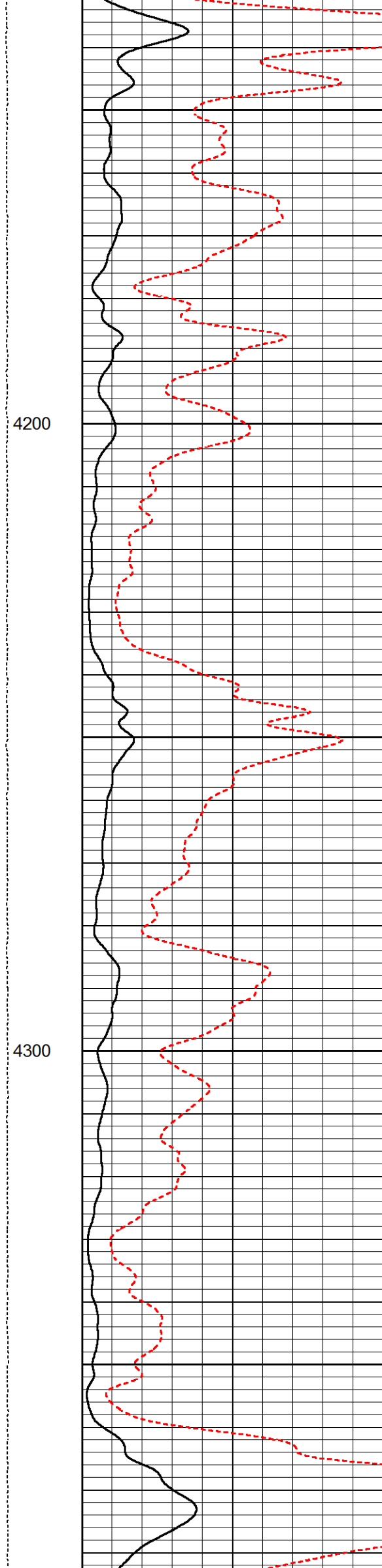
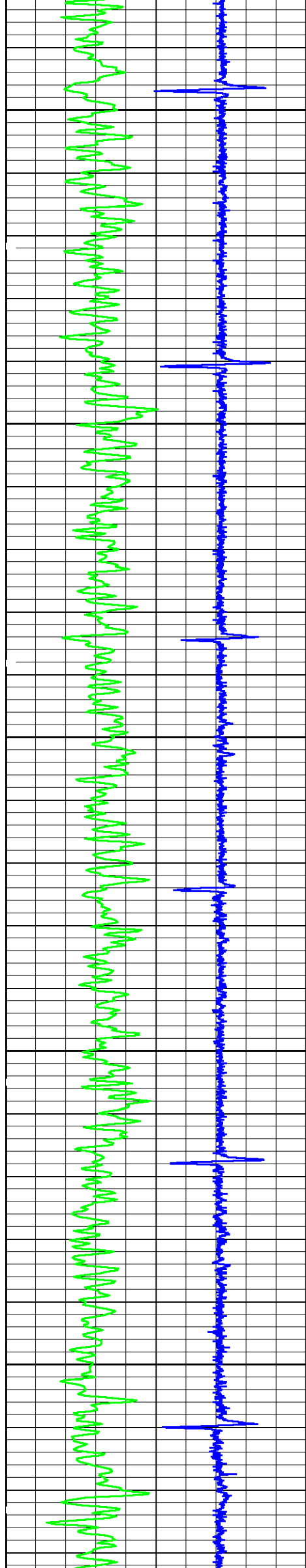
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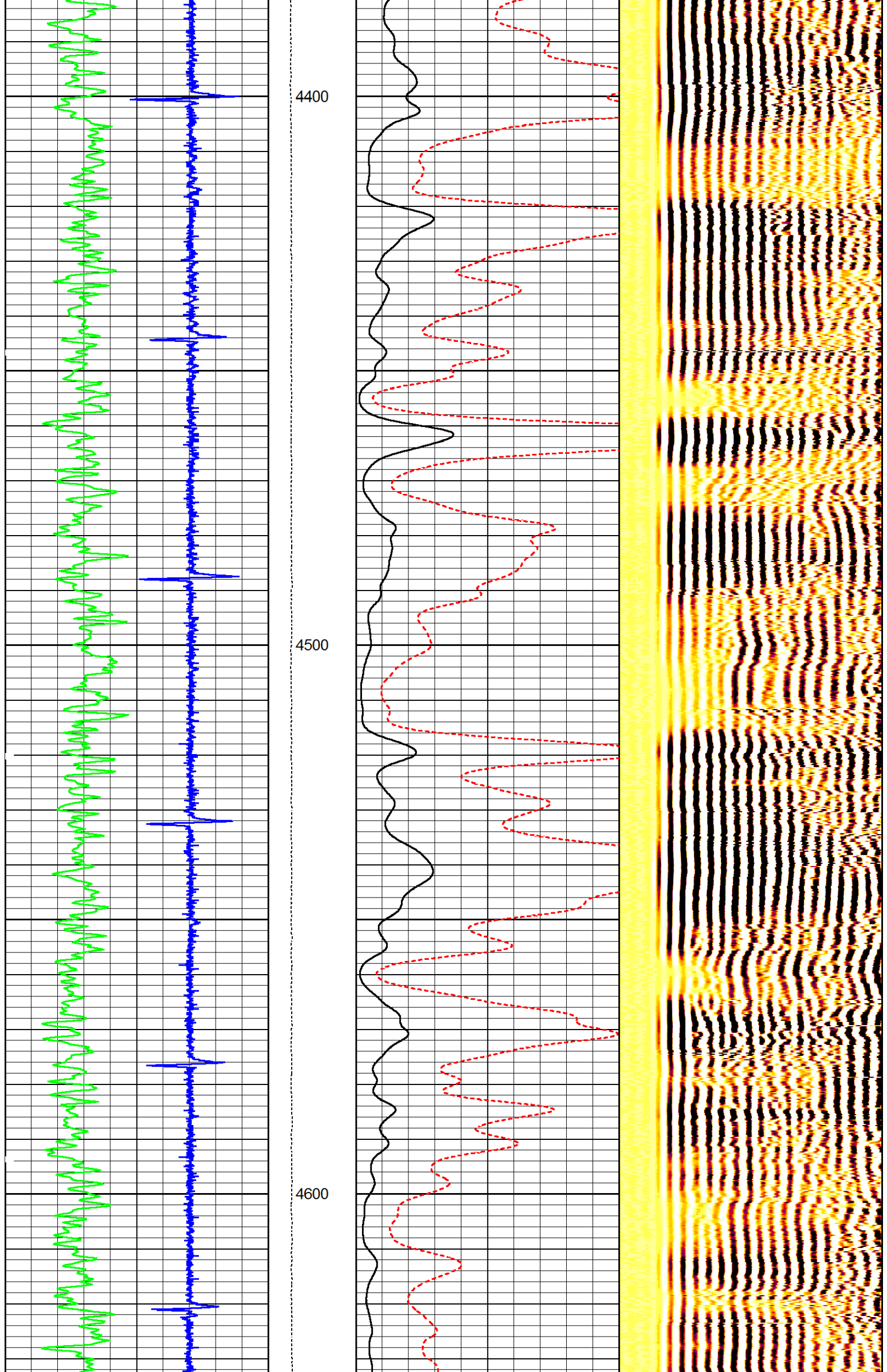


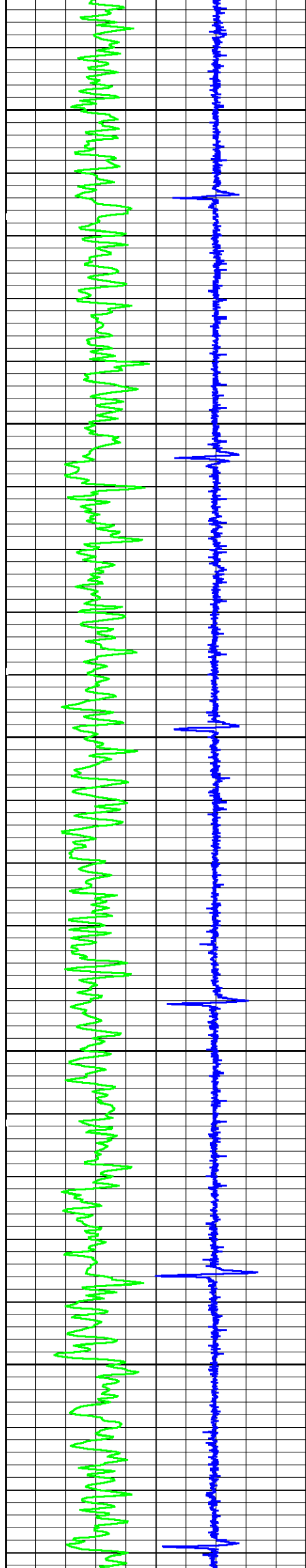






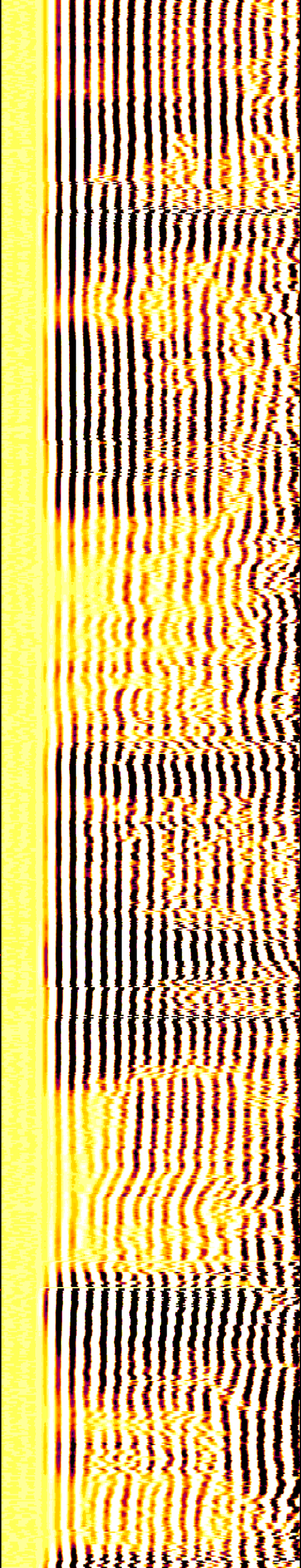
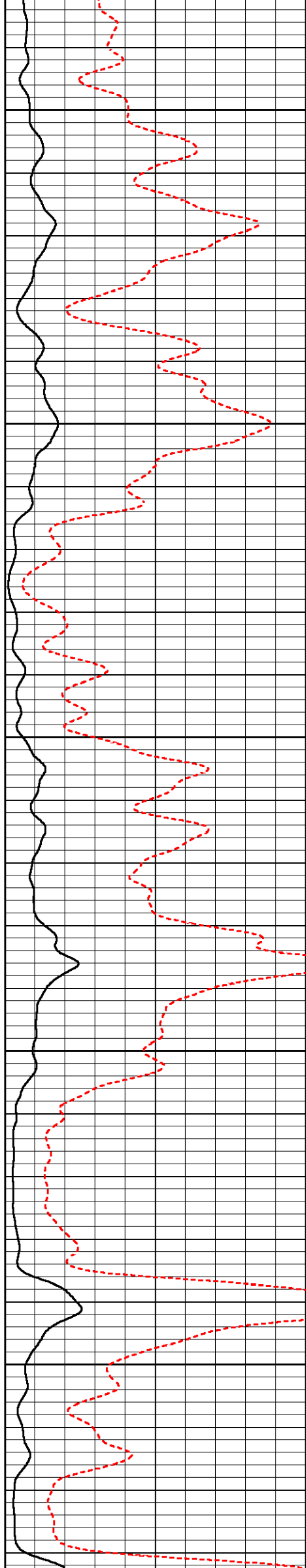


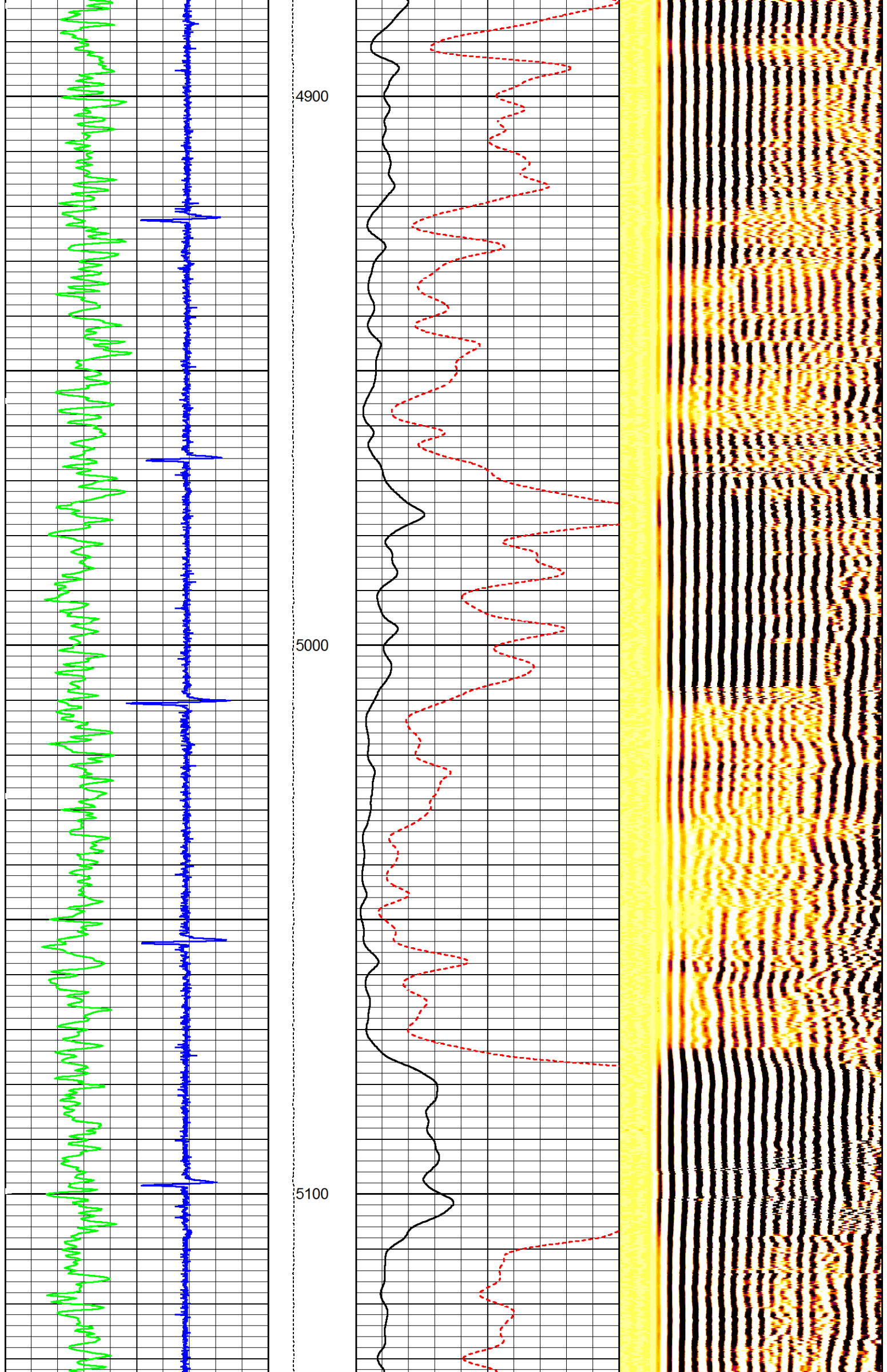


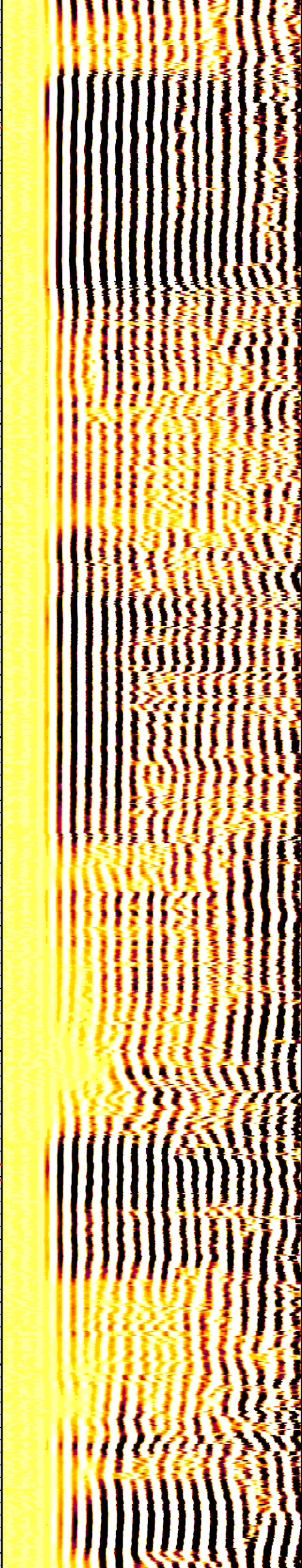
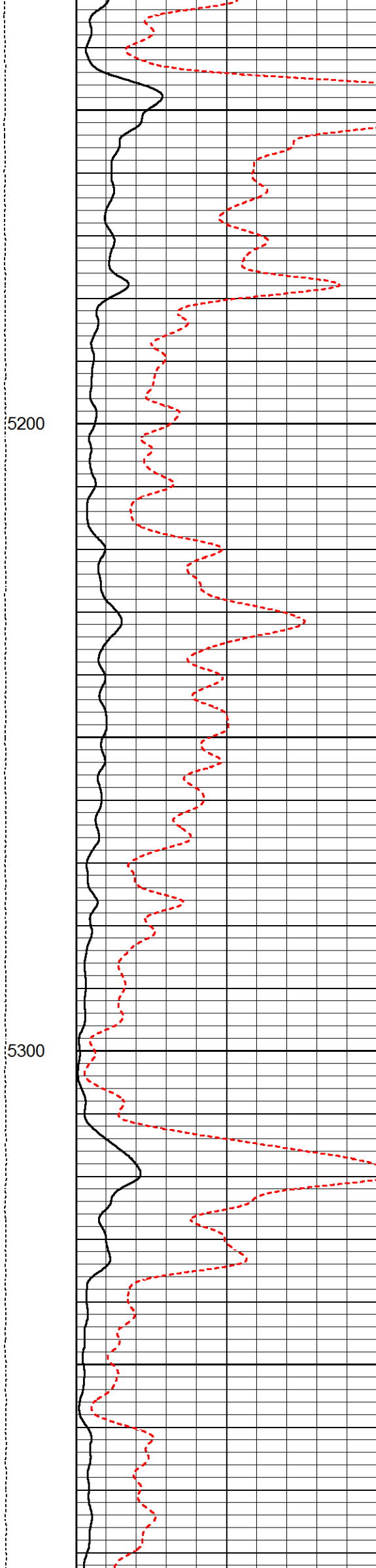
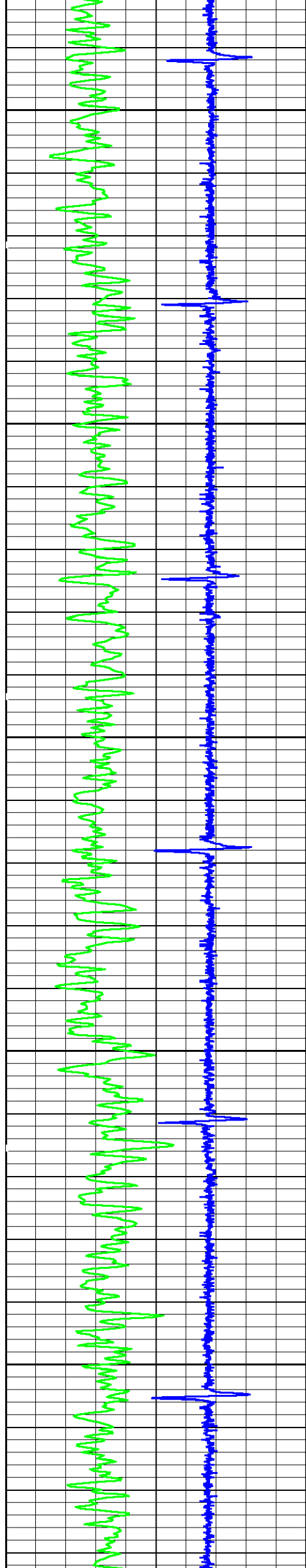


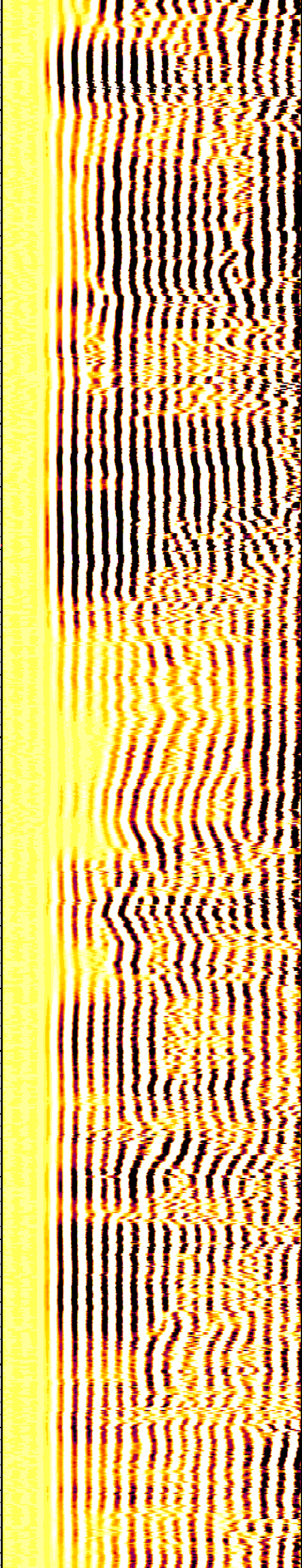
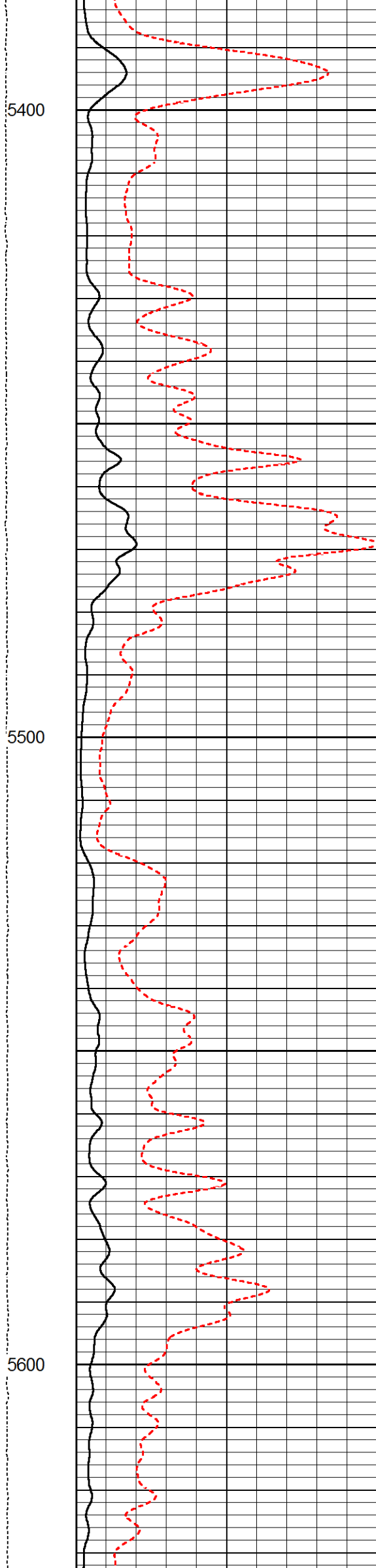
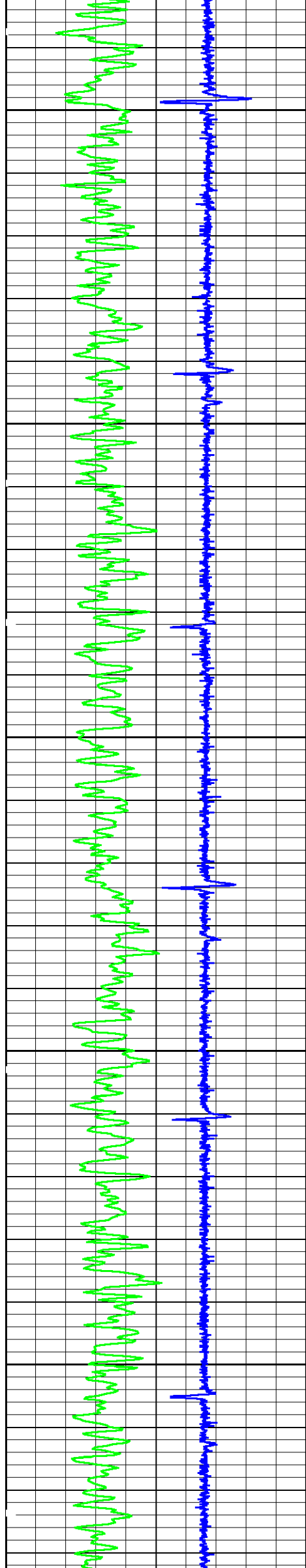
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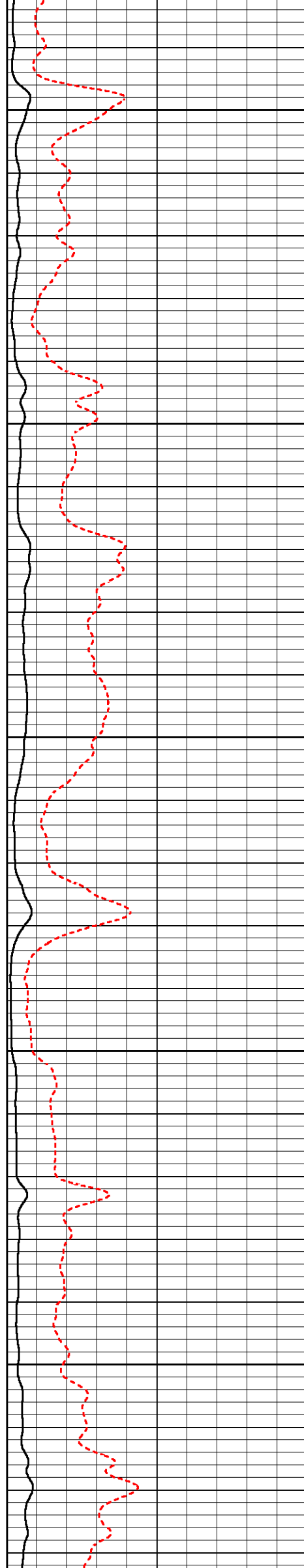
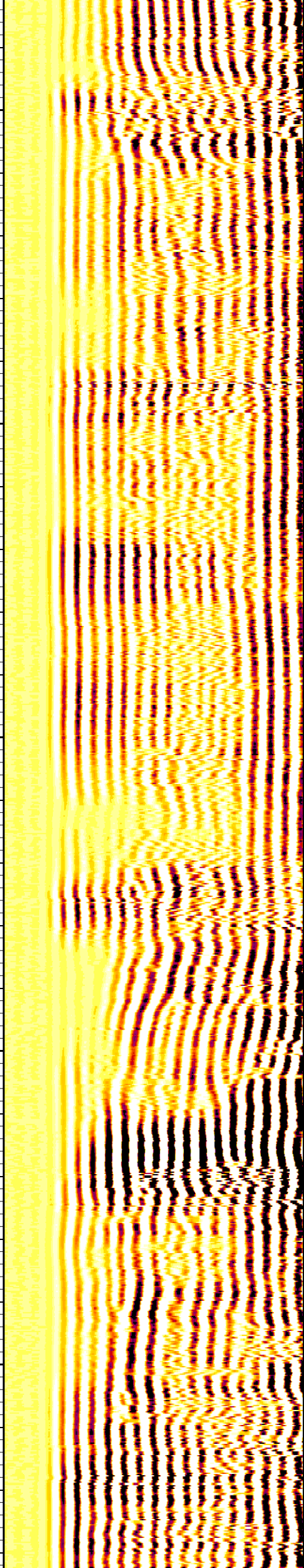
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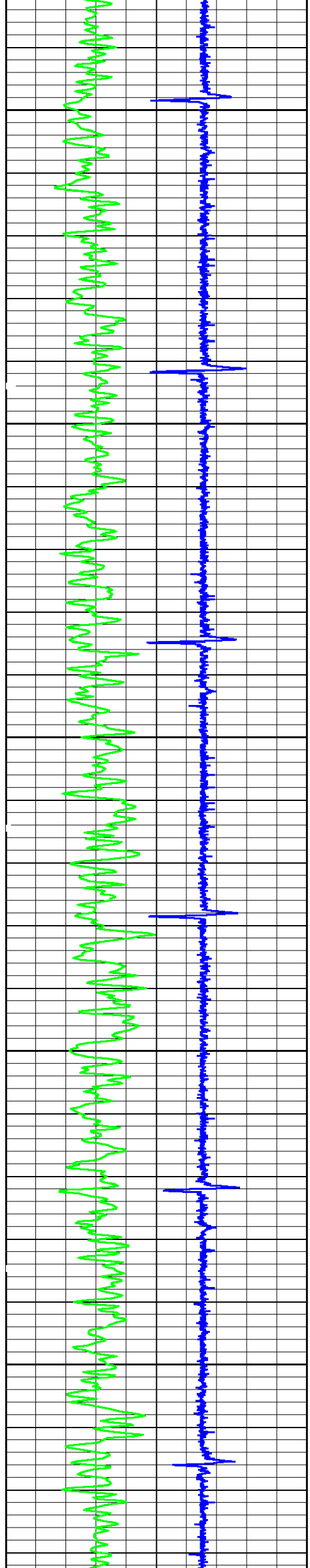


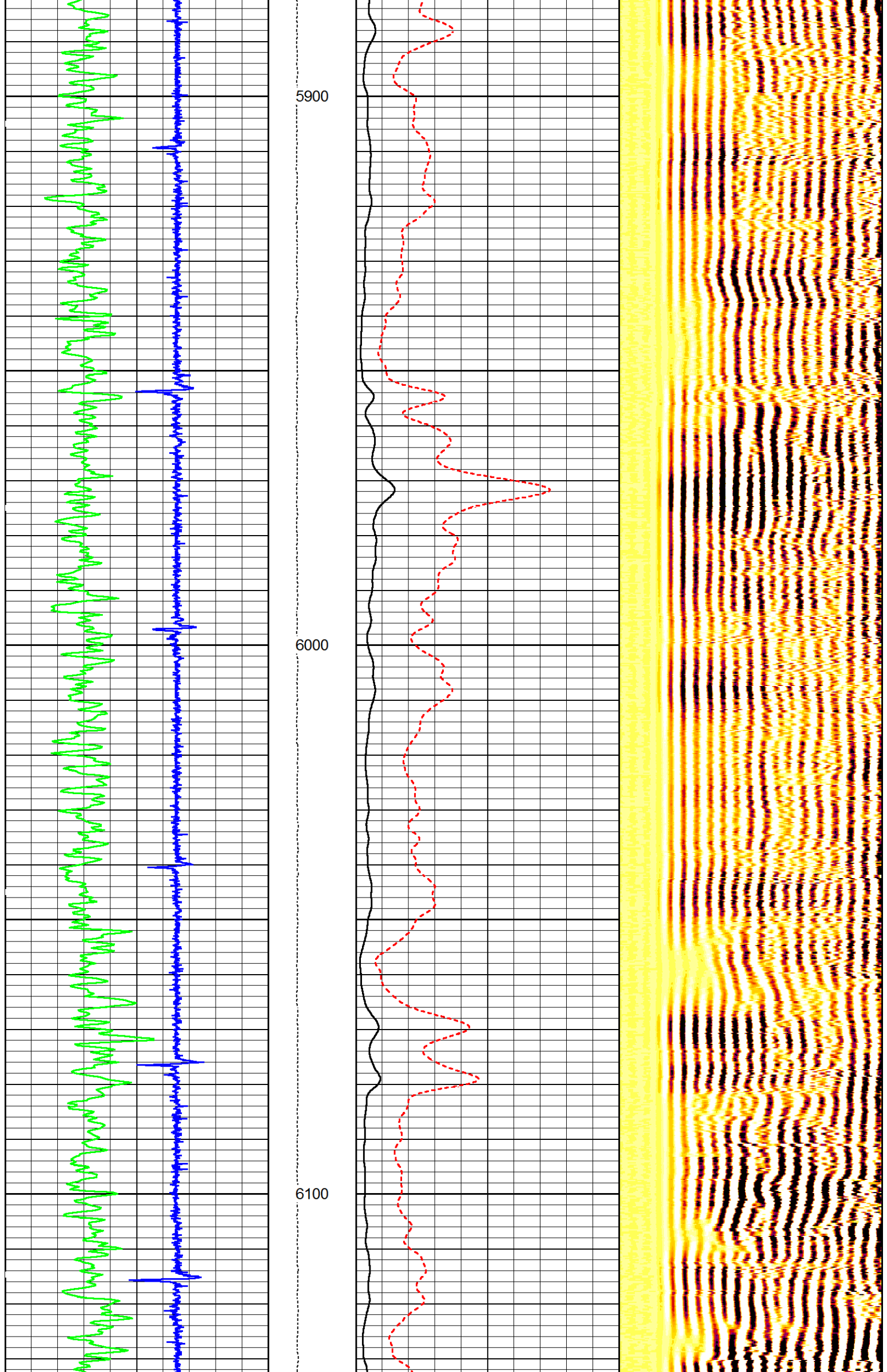


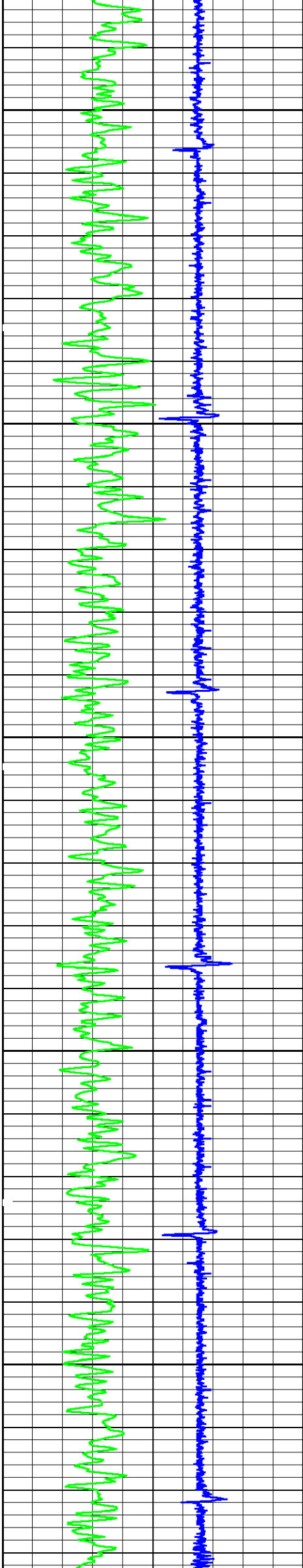
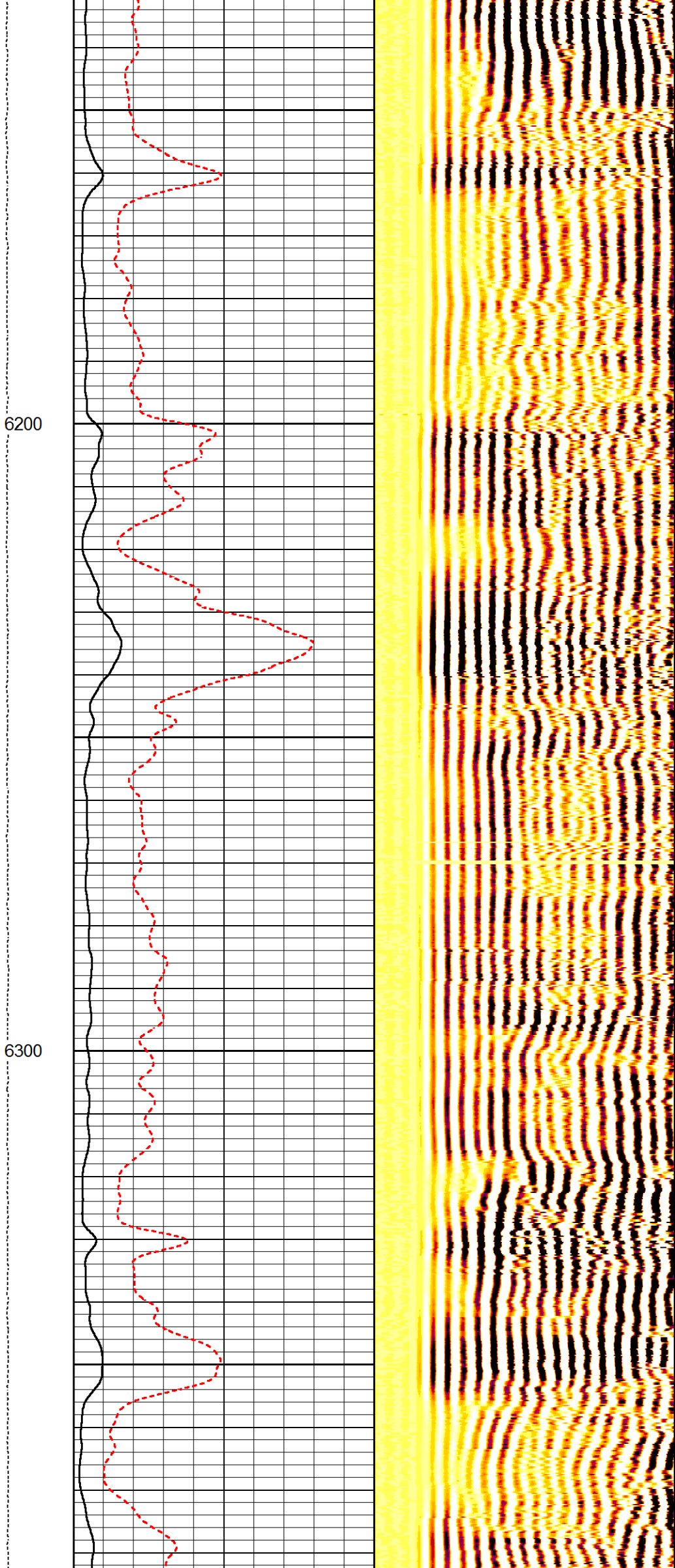


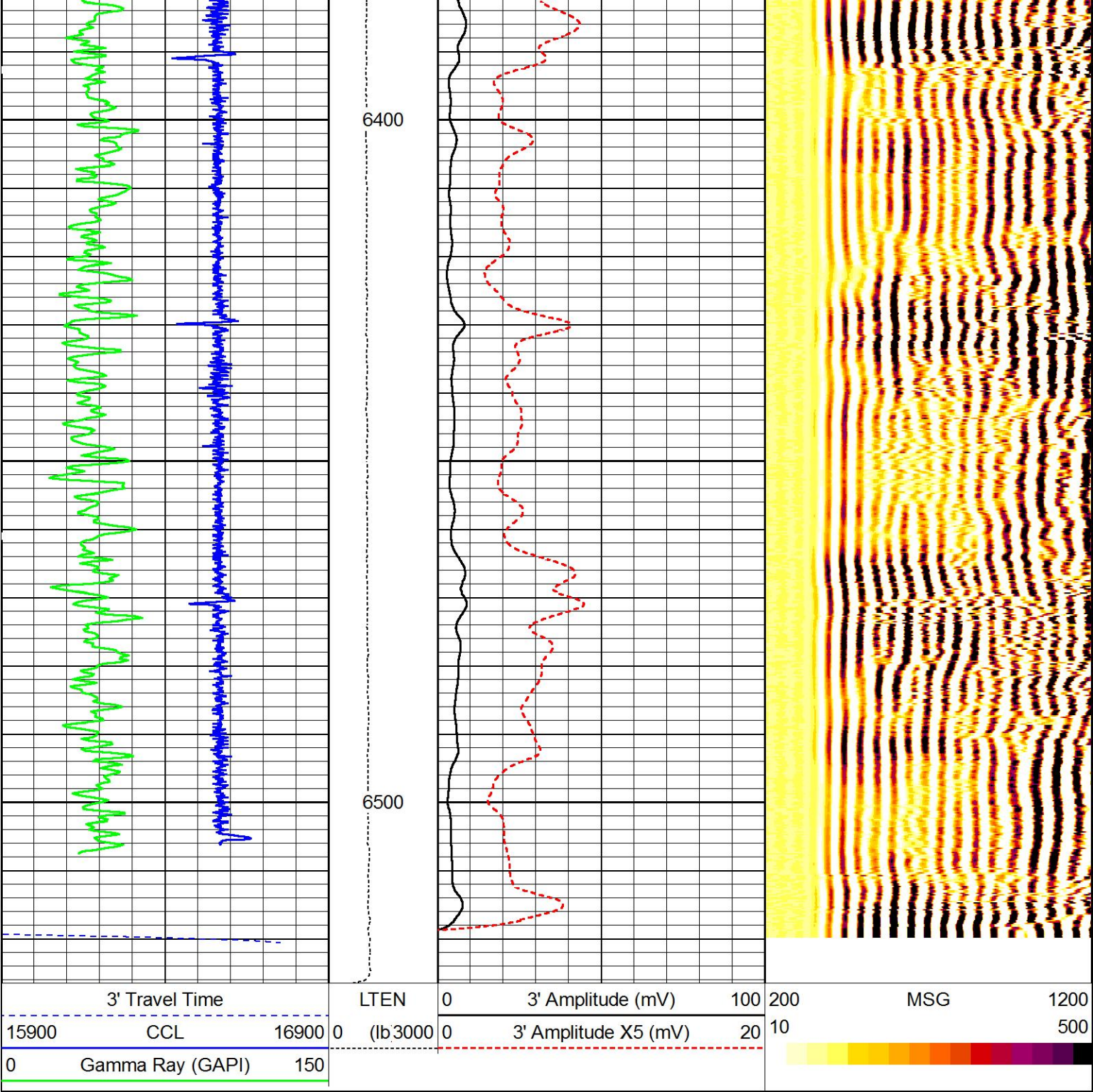
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5800





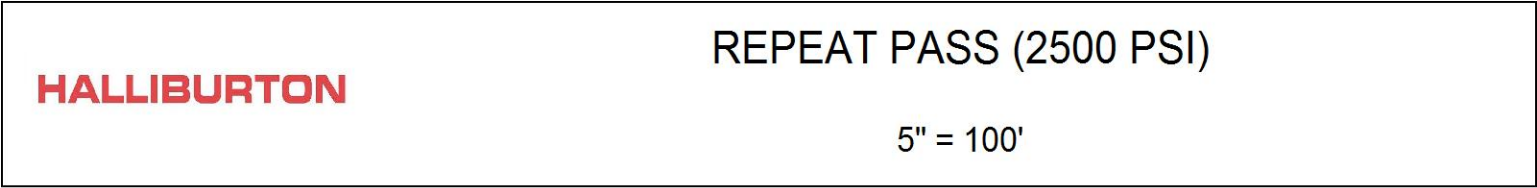




MAIN PASS (2500 PSI)

HALLIBURTON

5" = 100'

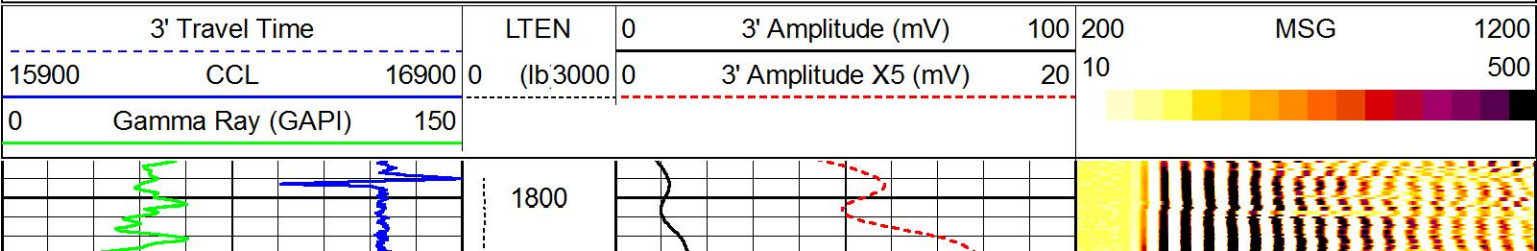


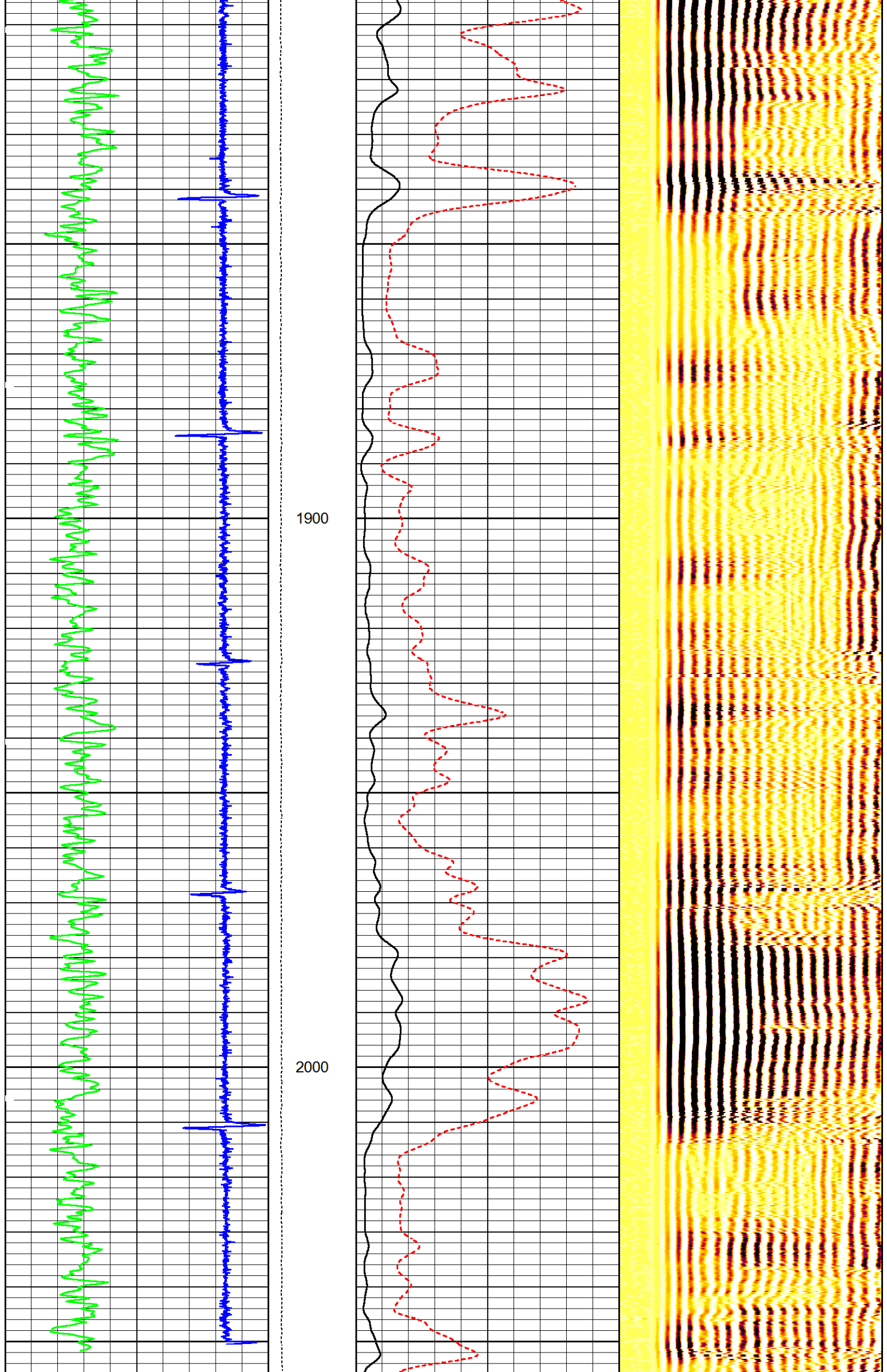
REPEAT PASS (2500 PSI)

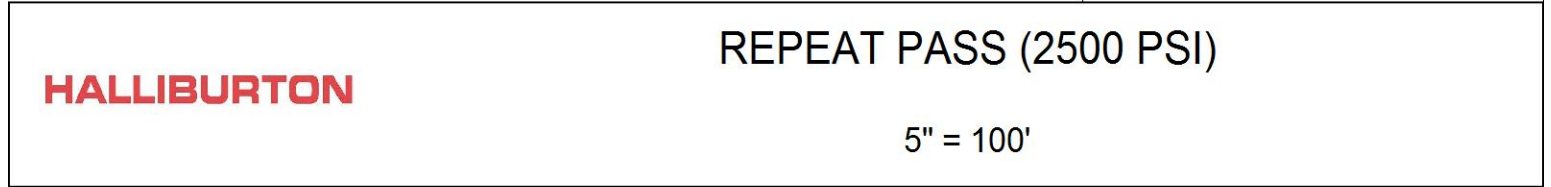
HALLIBURTON

5" = 100'

Database File	15n-7a-m.db
Dataset Pathname	BP/RPT4
Presentation Format	1 synergy cbl
Dataset Creation	Thu Aug 04 11:06:40 2016
Charted by	Depth in Feet scaled 1:240












Calibration Report						
Database File	15n-7a-m.db					
Dataset Pathname	BP/RPT4					
Dataset Creation	Thu Aug 04 11:06:40 2016					
Segmented Cement Bond Log Calibration Report						
Serial Number:		000001				
Tool Model:		004				
Calibration Casing Diameter:		5.500	in			
Calibration Depth:		480.220	ft			
Master Calibration, performed Wed Aug 03 08:06:46 2016:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.000	0.849	0.000	72.000	84.826	0.000
5FT	0.000	1.343	0.000	72.000	53.621	0.000
S1	0.000	0.824	0.000	72.000	87.414	0.000
S2	0.000	0.818	0.000	72.000	88.044	0.000
S3	0.000	0.833	0.000	72.000	86.397	0.000
S4	0.000	0.856	0.000	72.000	84.129	0.000
S5	0.000	0.874	0.000	72.000	82.374	0.000
S6	0.000	0.874	0.000	72.000	82.334	0.000
S7	0.000	0.847	0.000	72.000	84.972	0.000
S8	0.000	0.825	0.000	72.000	87.281	0.000

Calibration Report		
	Serial Number:	000001
	Tool Model:	004
	Performed:	
	Reference (degF)	Reading ()
Low:	33.000	512.000
High:	345.000	850.000
	Gain = 0.923	Offset = -439.615

Gamma Ray Calibration Report

Serial Number:	10009835	
Tool Model:	002	
Performed:	Thu May 12 12:53:25 2016	
Calibrator Value:	155.0	GAPI
Background Reading:	47.8	cps
Calibrator Reading:	208.4	cps
Sensitivity:	0.9654	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
CCL	20.02		STNDCH-STND_CH Fishing Neck	1.50	2.00	1.00
			TTTCU-002 (10009835) Through Tubing Telemetry Cartridge - Ultrawire	7.65	1.69	100.00
GR	17.76		CENT-CASTM-CENT CAST M INLINE CENTRALIZER	2.16	3.13	25.00
			AUH-001 (000001) Adaptor Ultrawire/Halliburton	0.38	1.69	3.00
CBLTEMP	7.55		RBT-004 (000001) Radial Bond Tool (UW 3 1/8) 20K Rated	9.48	3.13	140.00

			CENT-CSS169Roller CSS 1 11/16" ROLLER CENTRALIZER	2.20	1.69	4.41
LLMTEN	0.00		BUL-006 (000002) Bullnose Terminator	0.22	1.69	1.20
Dataset: 15n-7a-m.db: field/well/BP/RPT4 Total length: 23.59 ft Total weight: 274.61 lb O.D.: 3.13 in						

Company	SYNERGY RESOURCES CORP.				
Well	FAGERBERG 15N-7A-M				
Field	WATTENBERG				
County	WELD	State	CO		
HALLIBURTON	CEMENT BOND LOG				