



LEAM Drilling Services
 2027A Airport Rd.
 Conroe, Texas 77301

Prowant 18-10HZ
Scale 1":100' - MD
11/23/2020 1:48 AM

Oper. Company: Occidental Petroleum
Well: Prowant 18-10HZ
Rig: Precision 564
API: 051235076500
AFE: 2147206
State: Colorado
County: Weld

Country: United States
Location: Prowant 4-18HZ Pad
Start Date: 11/19/2020
EndDate: 11/23/2020
Last Svy MD: 20645
Last Calc. Date: 11/23/2020
Calculation Method: Minimum Curvature

Latitude: 40.40492500
Longitude: -104.94238600
Site Name: Prowant 4-18HZ Pad

Elev GL: 4,939'
KB: 26'
Elev KB: 4,965'

Map System: Universal Transverse Mercator
Map Datum: North American Datum 1983
System Datum: Mean Sea Level
Map Zone: Zone 13N (108W to 102W)

Geomagnet Declination: 8.13
Grid Convergence: 0.03
Total Correction: 8.10

Survey Corr. Comp: Magvar
Field Strength (nT): .5202

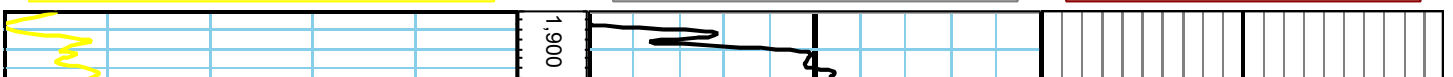
Magnetic Model: HDGM
Dip: 66.65

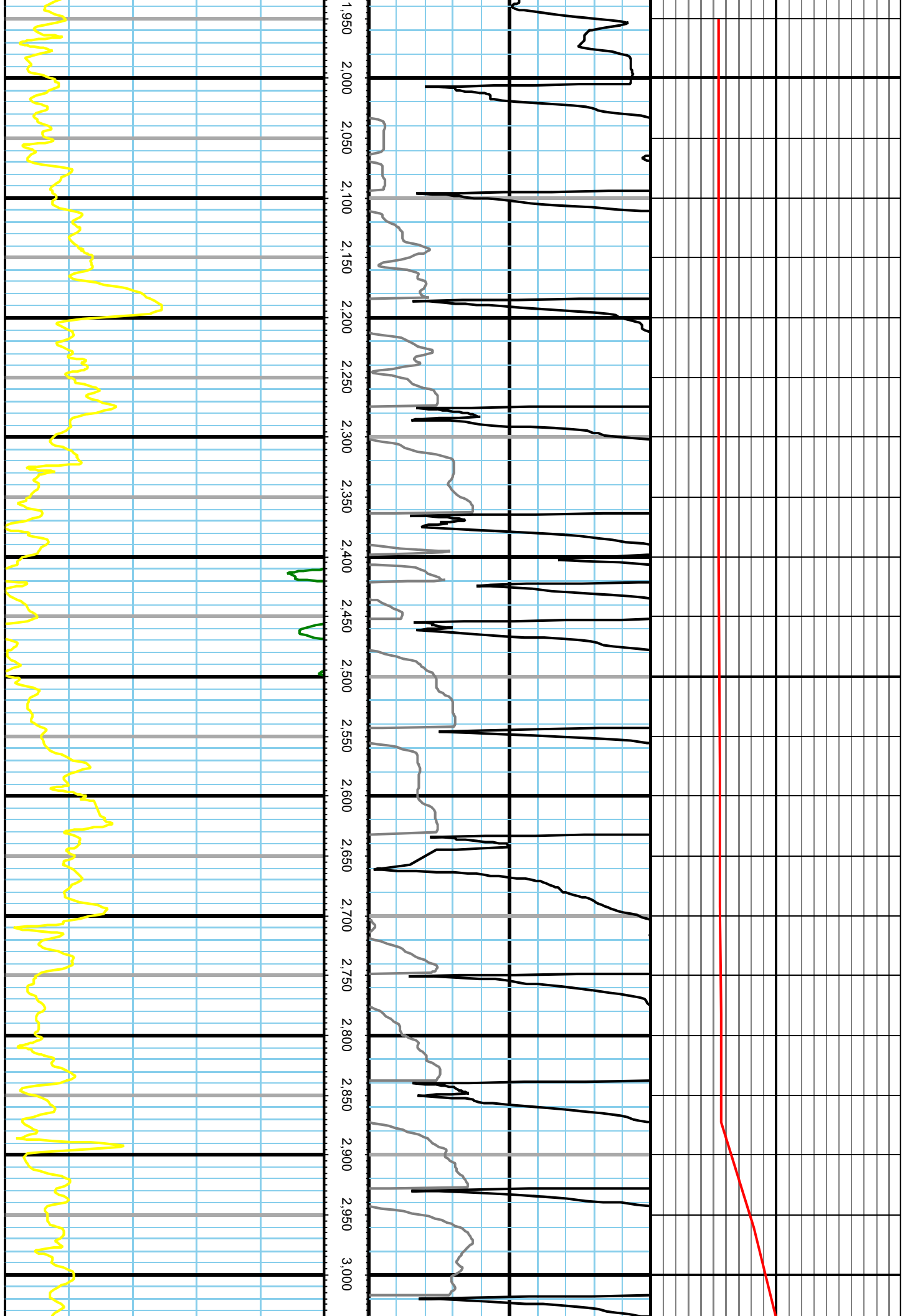
Day Hand: Landon Cox

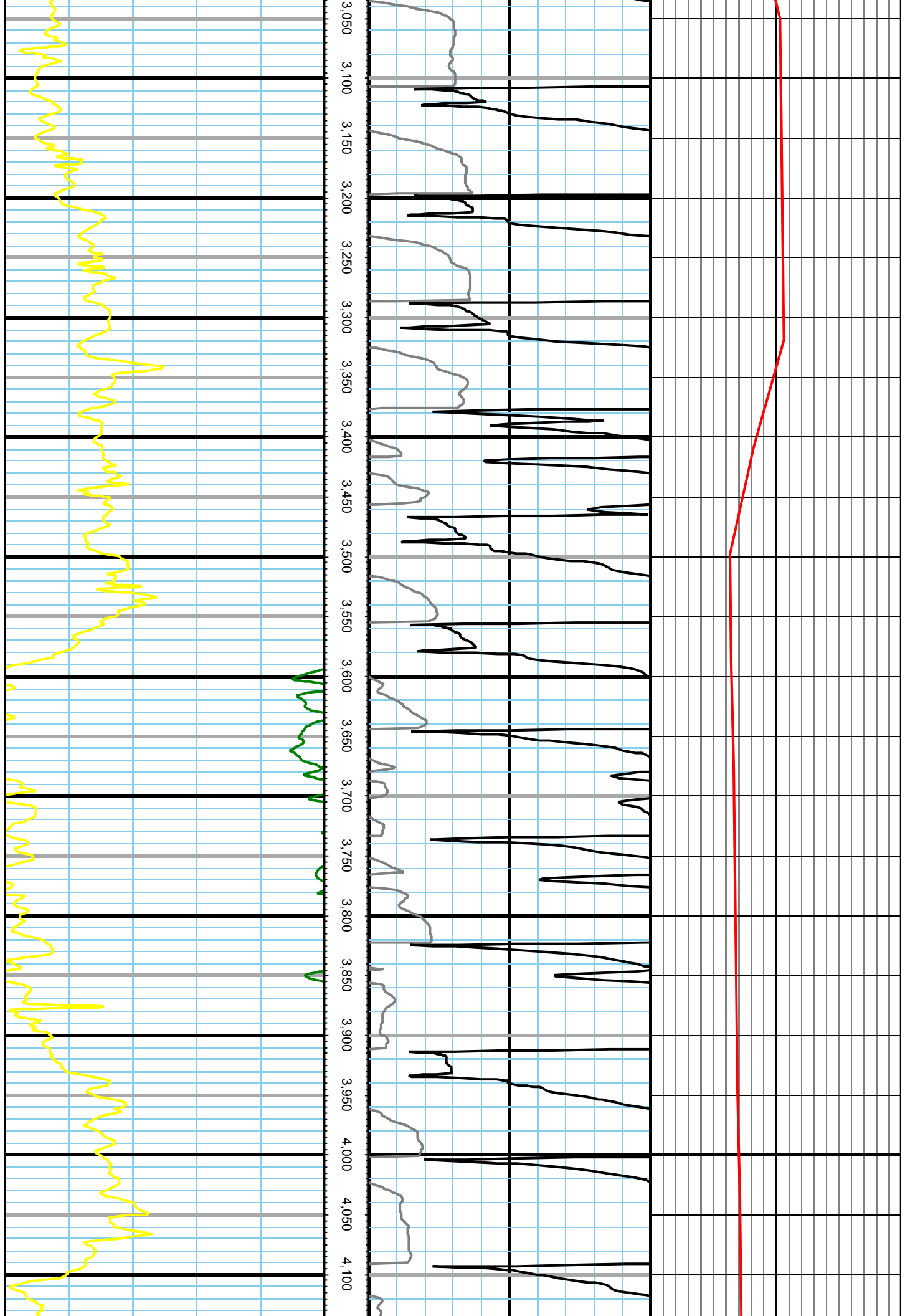
Night Hand: Drew Beaton

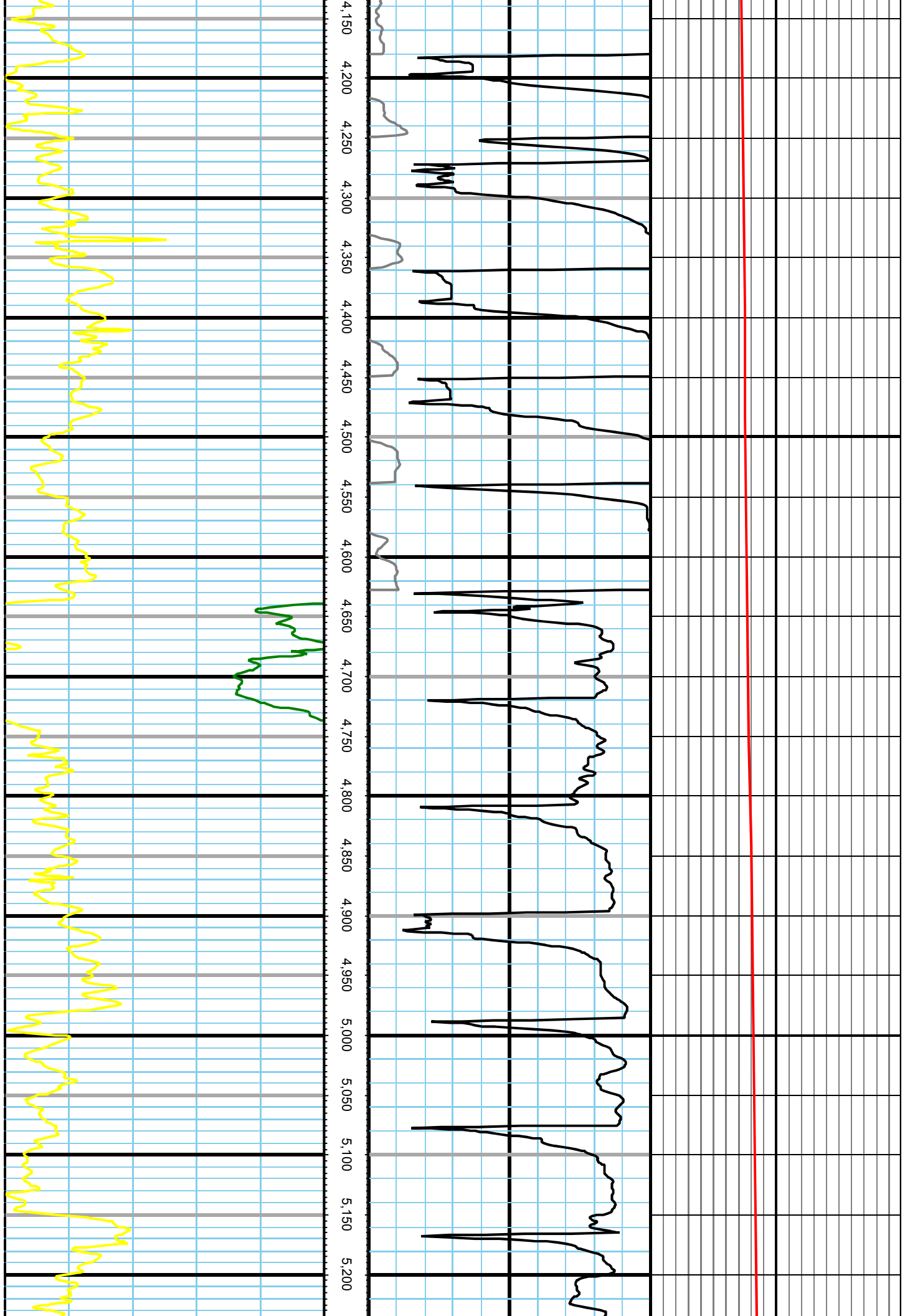
Tool Run Data	Run #1	Run #2	Run #3	Run #4	Run #5
Tool S/N	XGM0690	XGM0686			
Bit Size	8.75	8.5			
Cal Factor	8.0	8.0			
Survey Offset	57.00	44.00			
Gamma Offset	41.00	26.00			
Resistivity Offset	0.00	0.00			
Start Depth	1839.00	7939.00			
StartDate	11/18/2020	11/20/2020			
StartTime	12:00	07:00			
EndDepth	7939.00	20645.00			
EndDate	11/20/2020	11/23/2020			
EndTime	04:00	01:30			
Mud Type	OBM	OBM			
Mud Weight	9.1	9.1			
Funnel Viscosity	55@70	55@70			
Plastic Viscosity	11@150	11@150			
Yield Point	10	10			
Gel Strength	6/7/8	6/7/8			
Solids Content	7.6	7.6			
Chlorides	32000	32000			
Temperature	145	250			

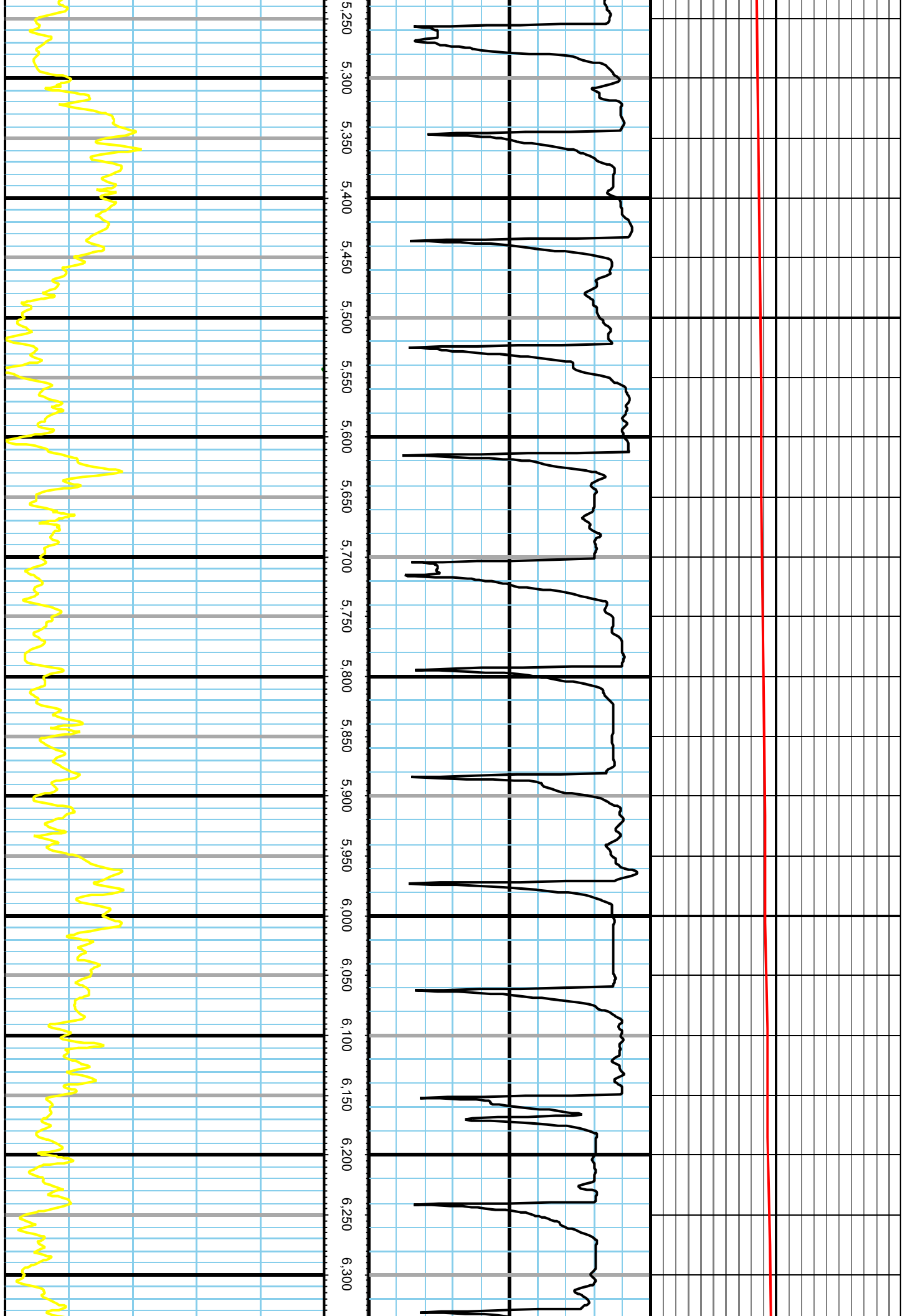
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.

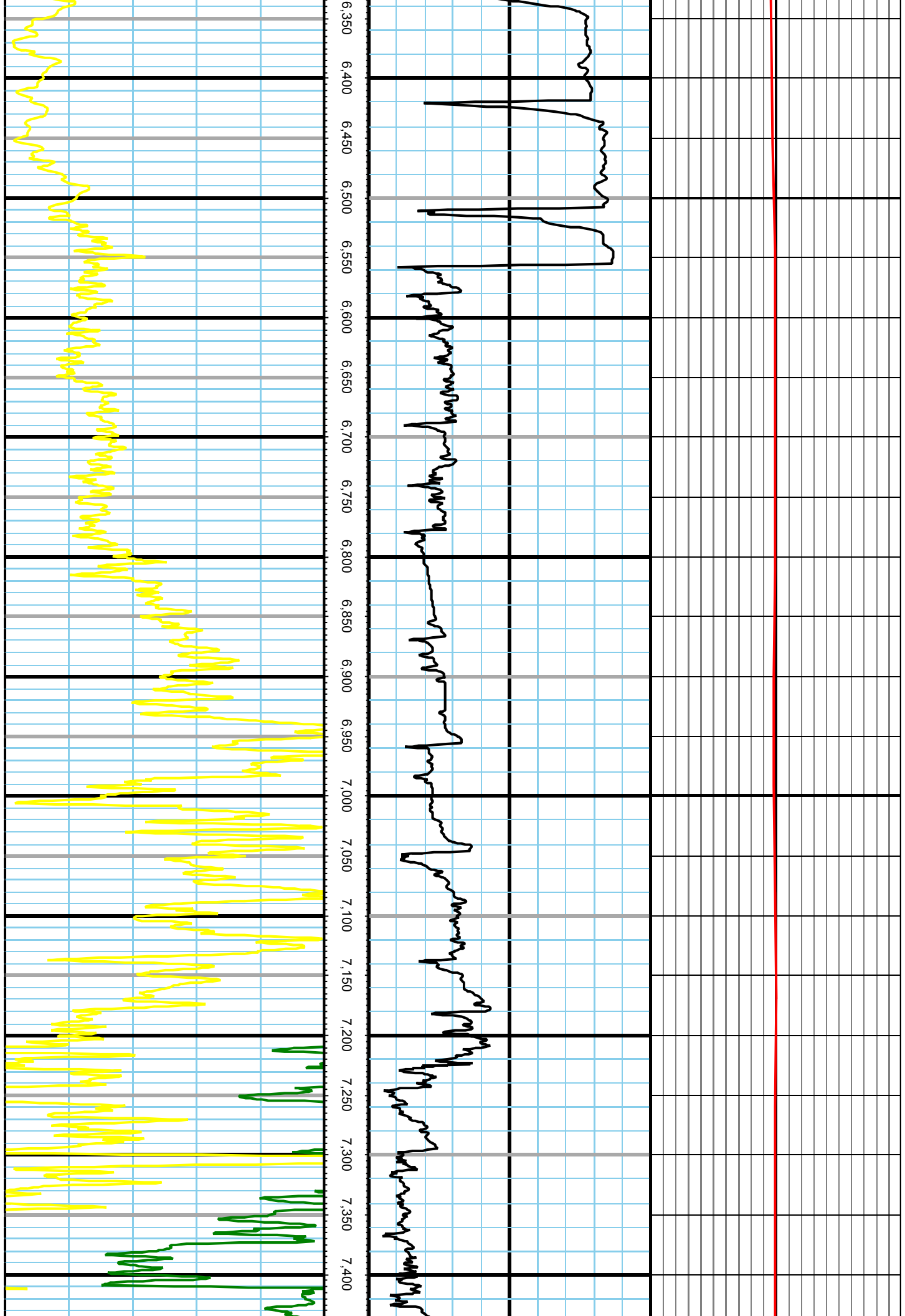


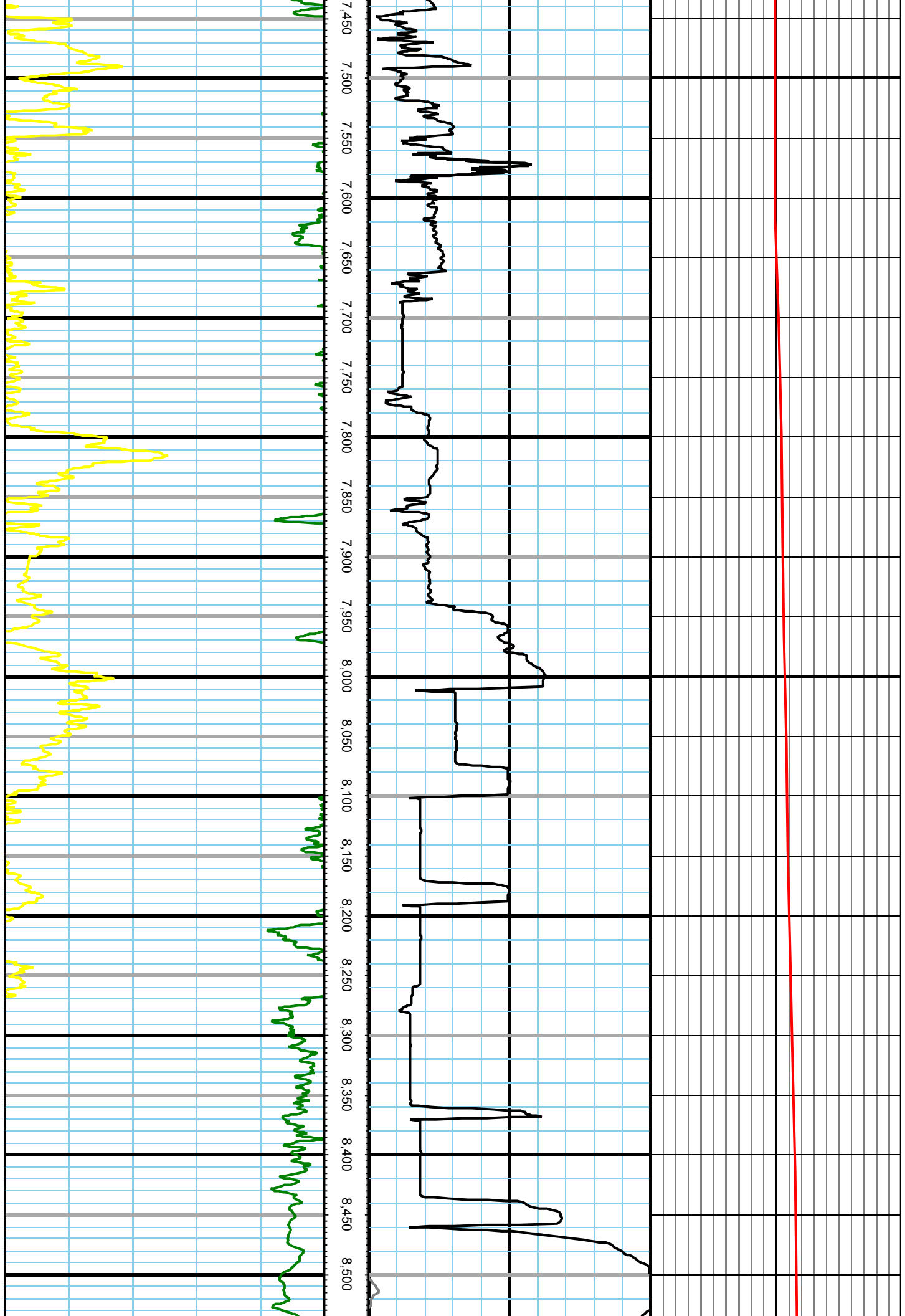


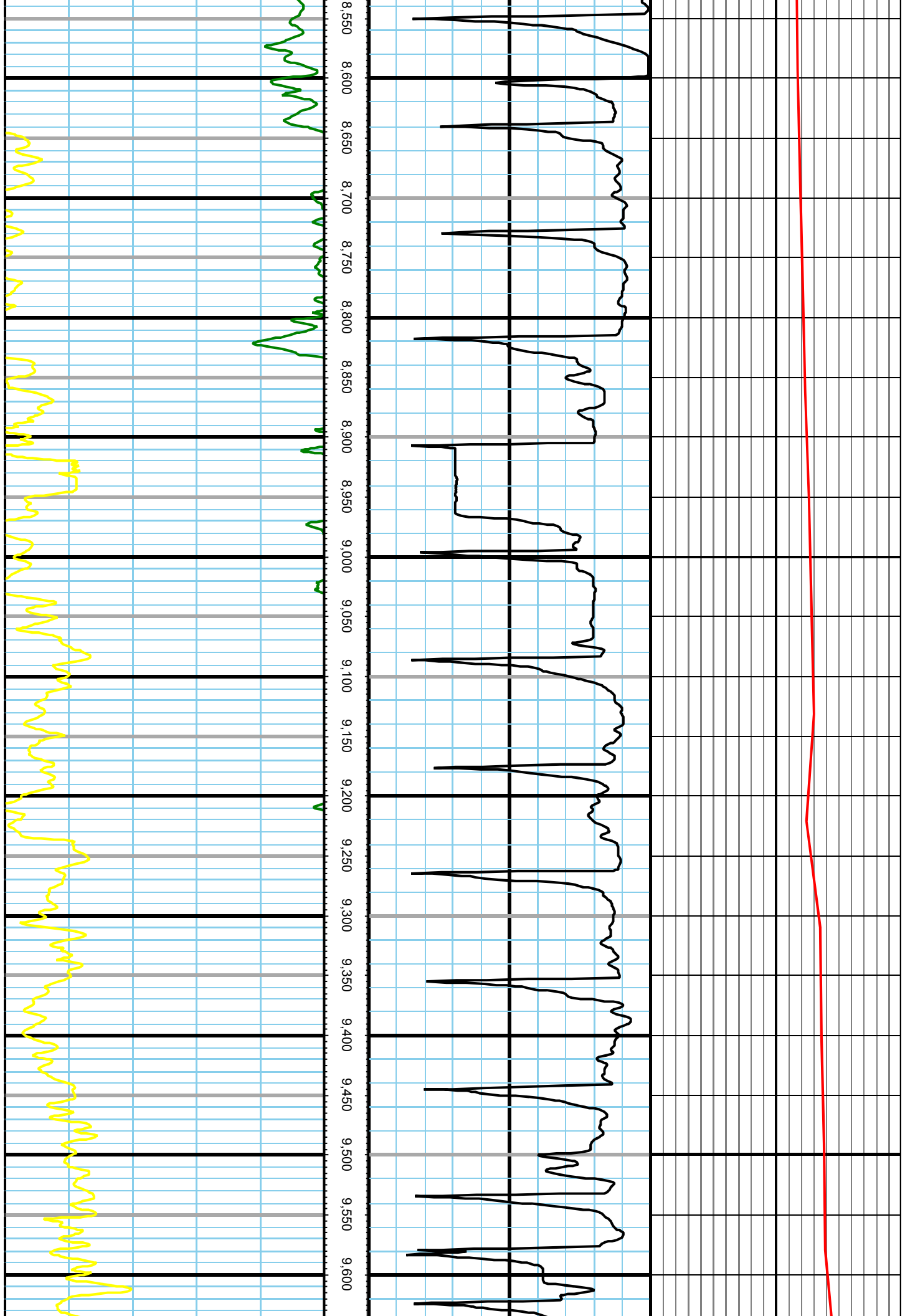


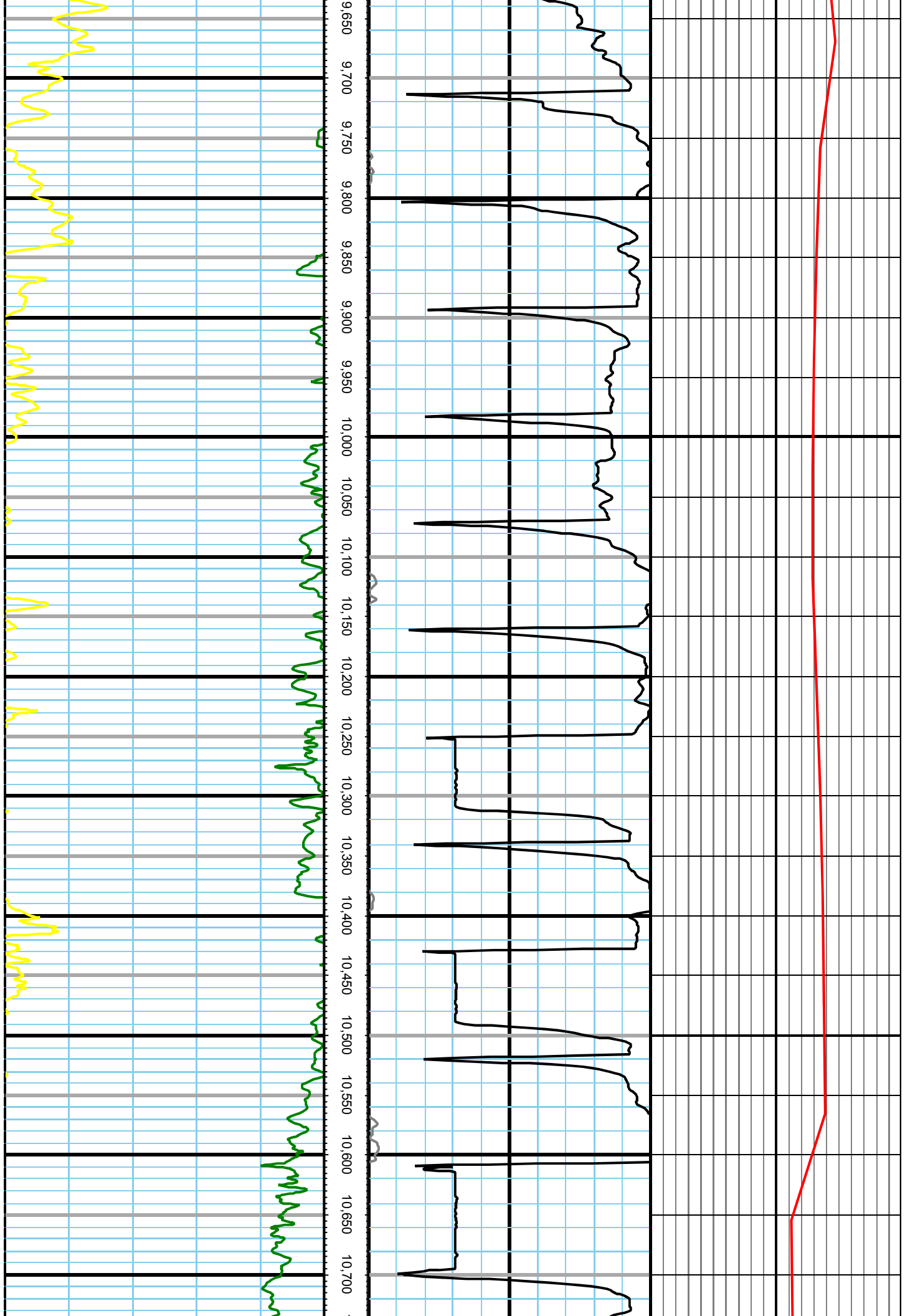


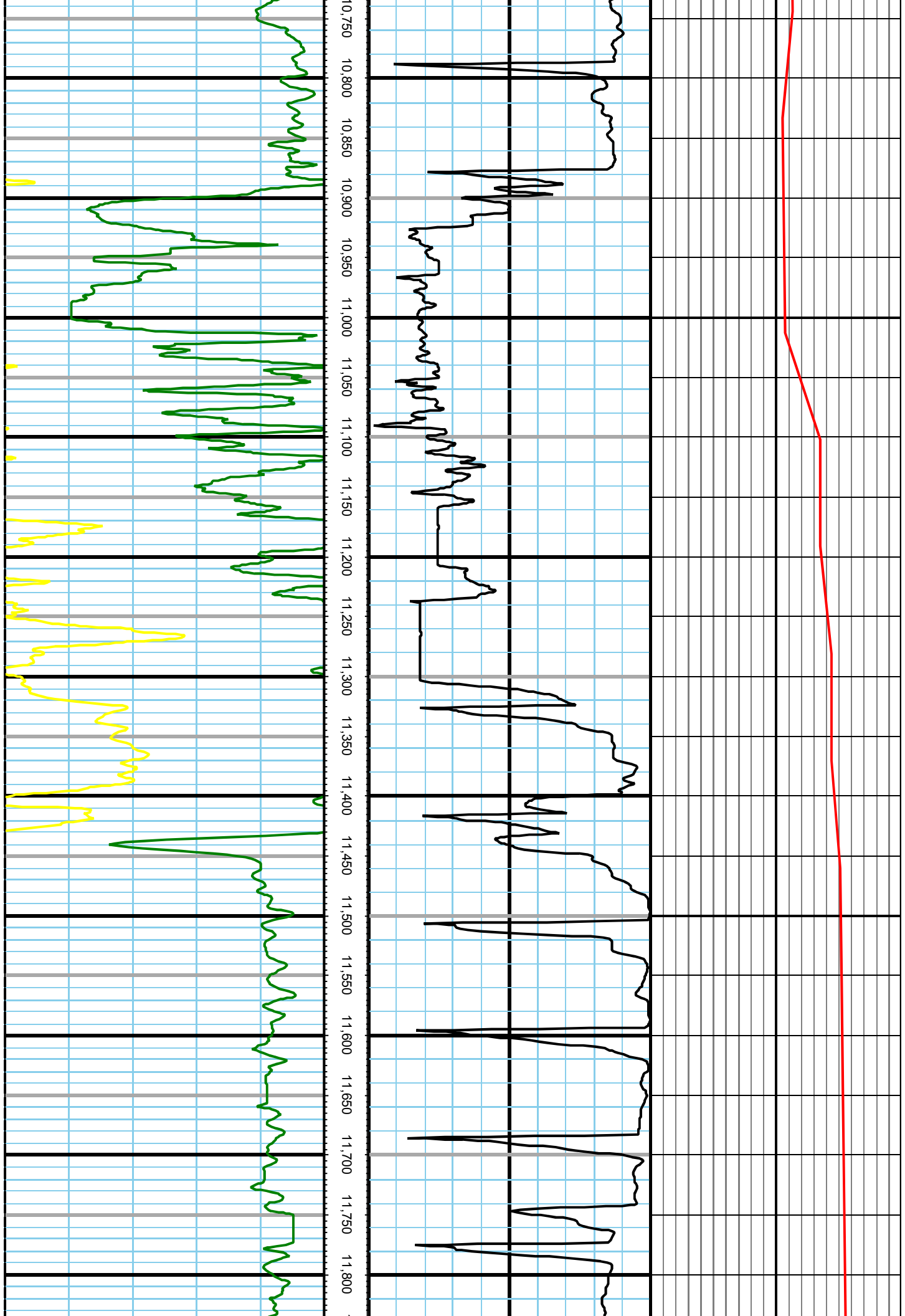


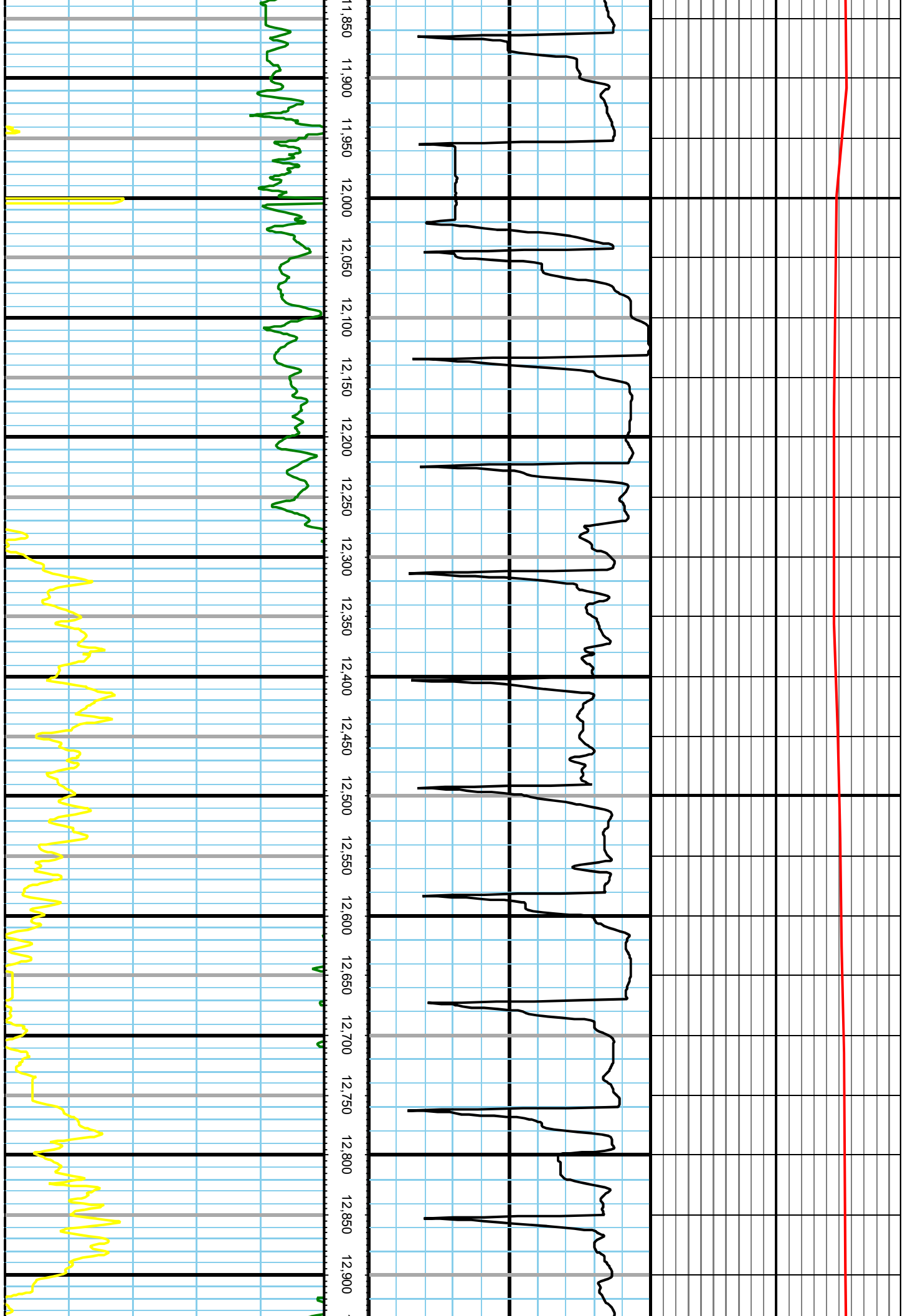


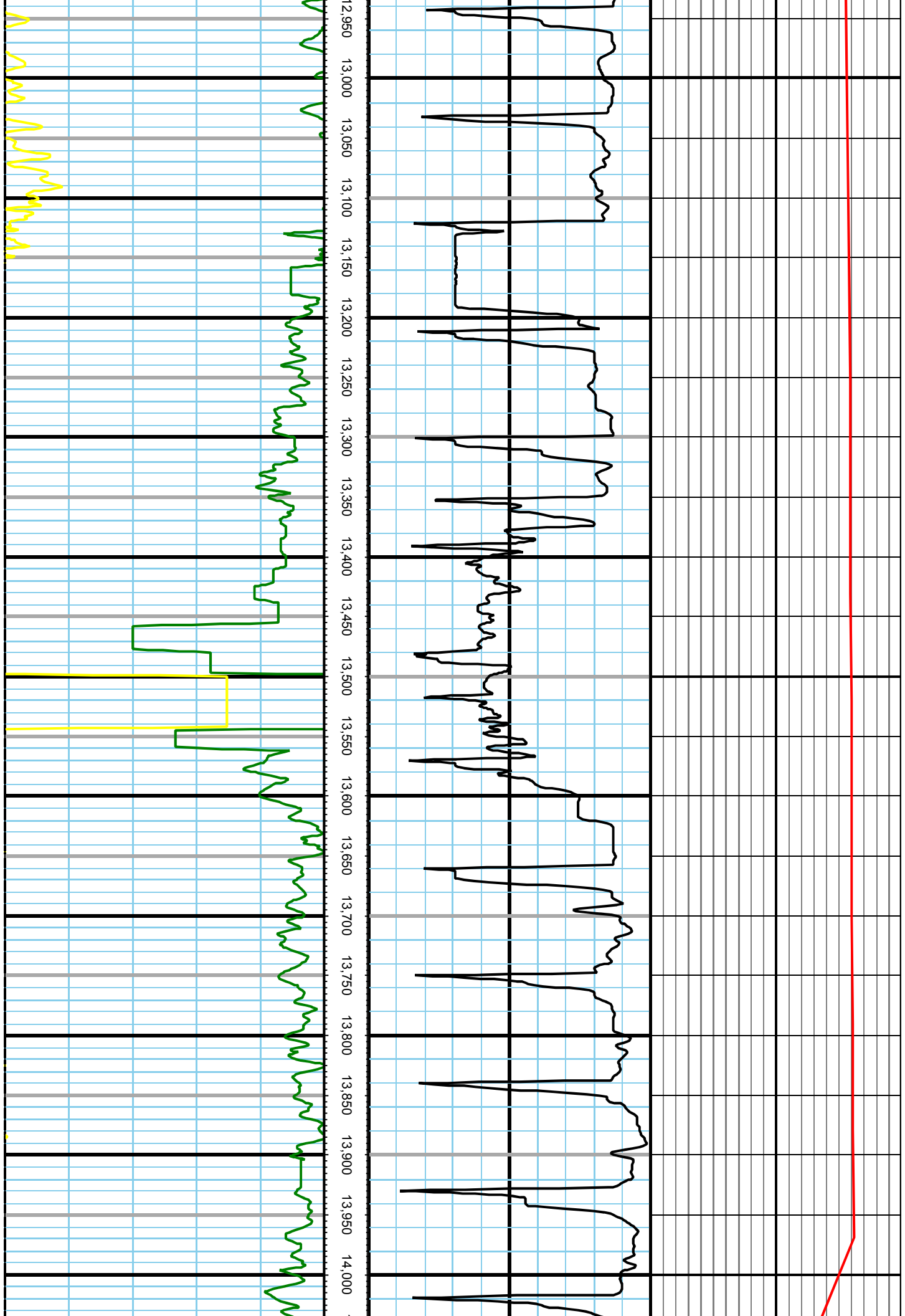


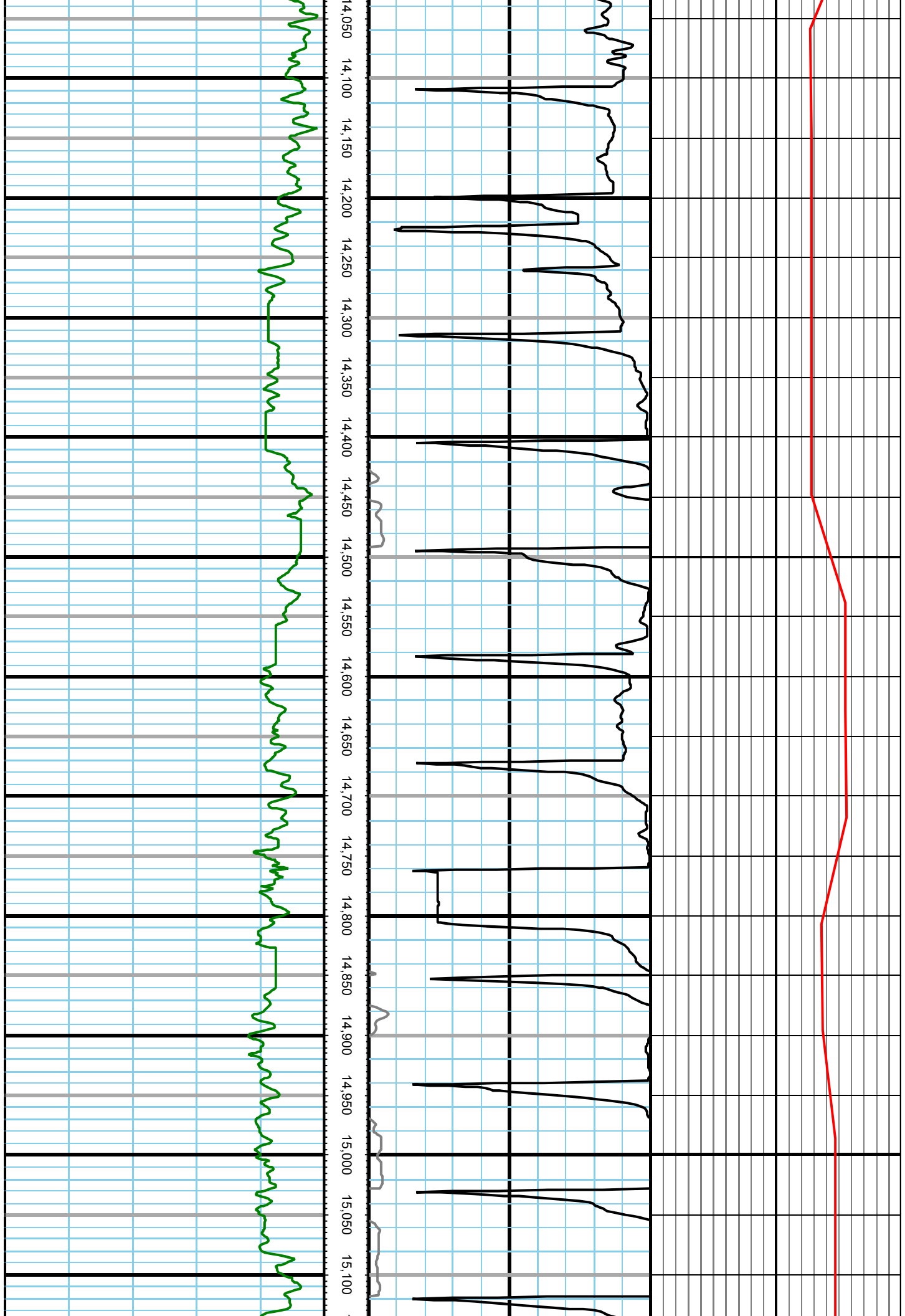


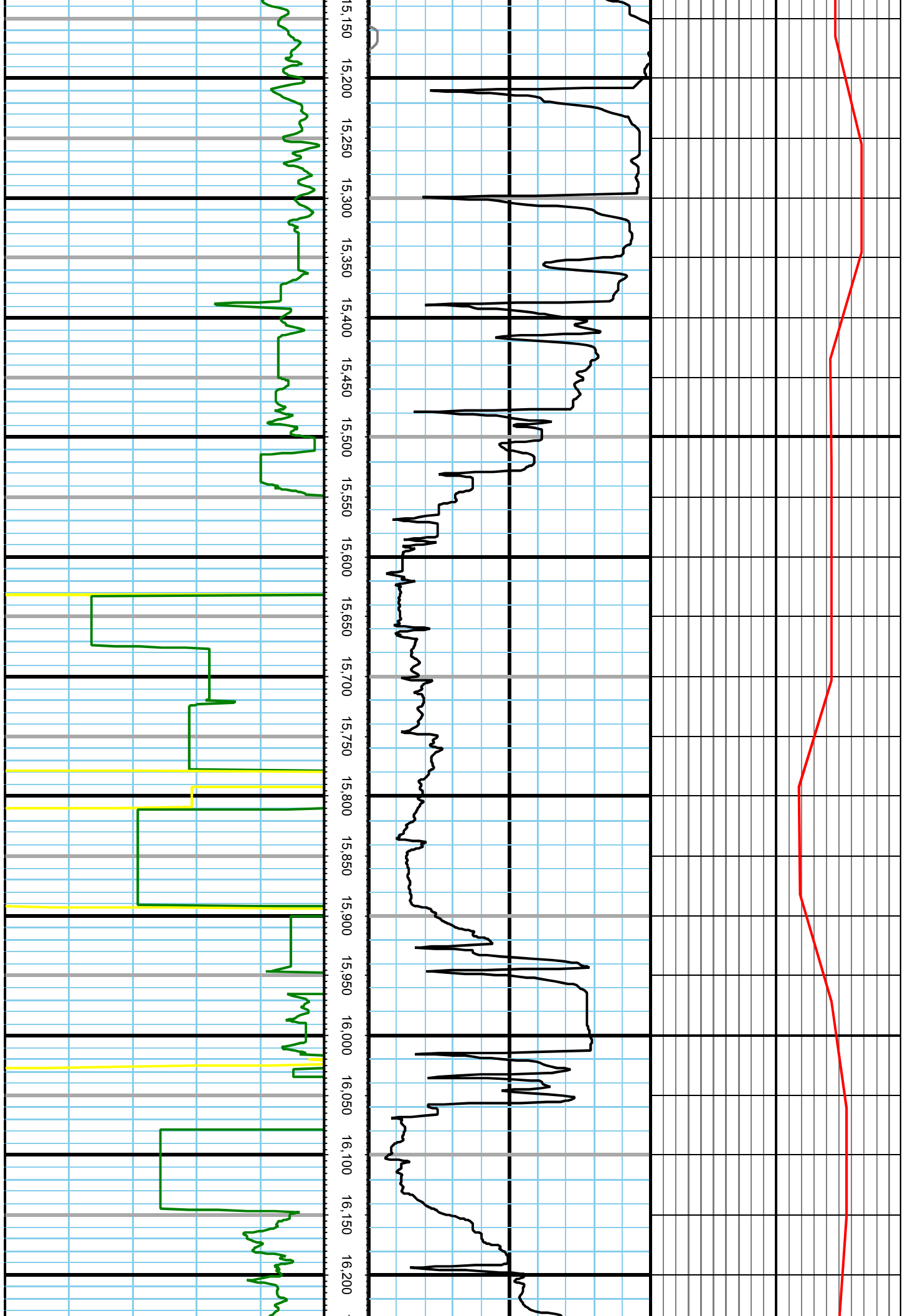


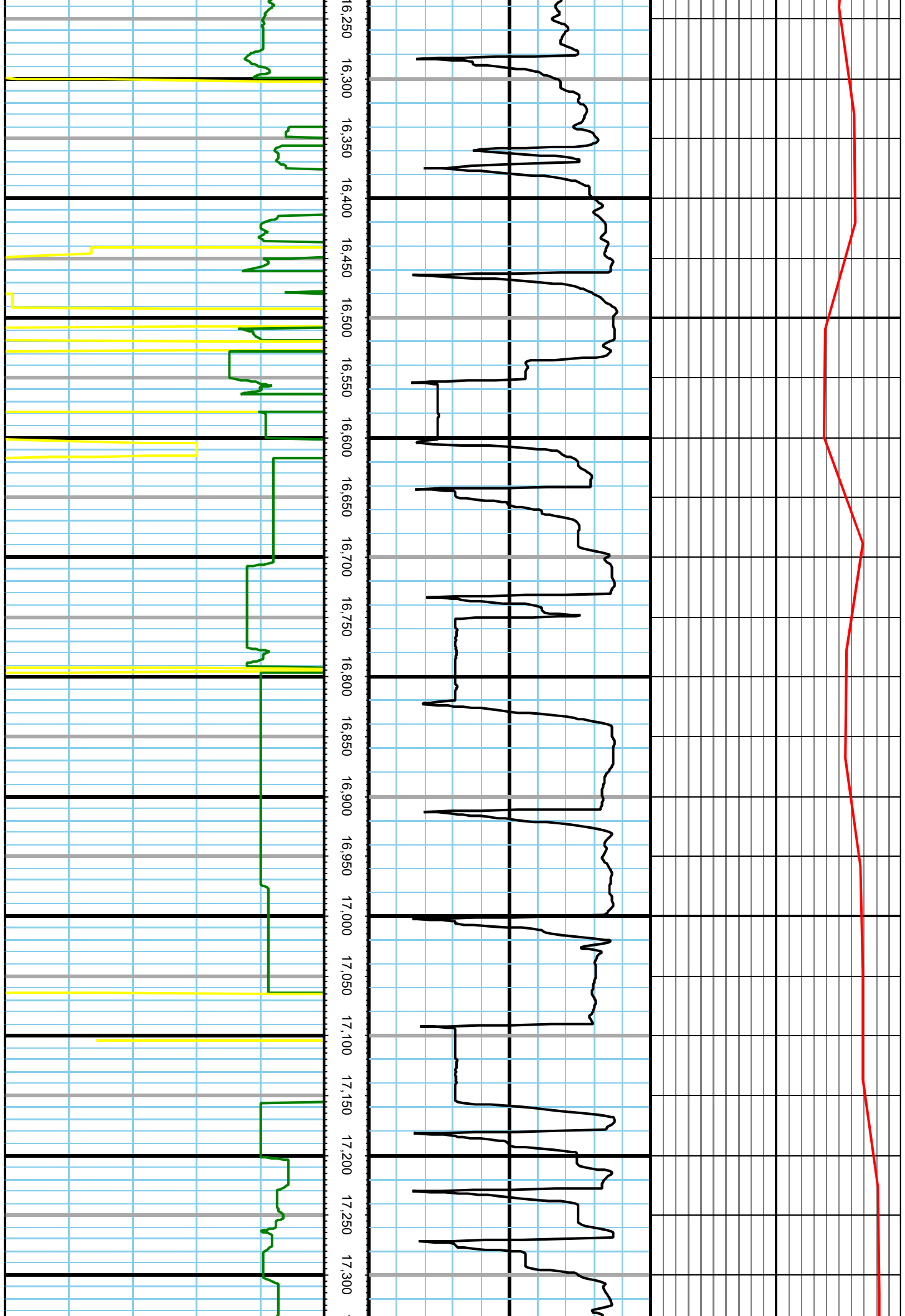


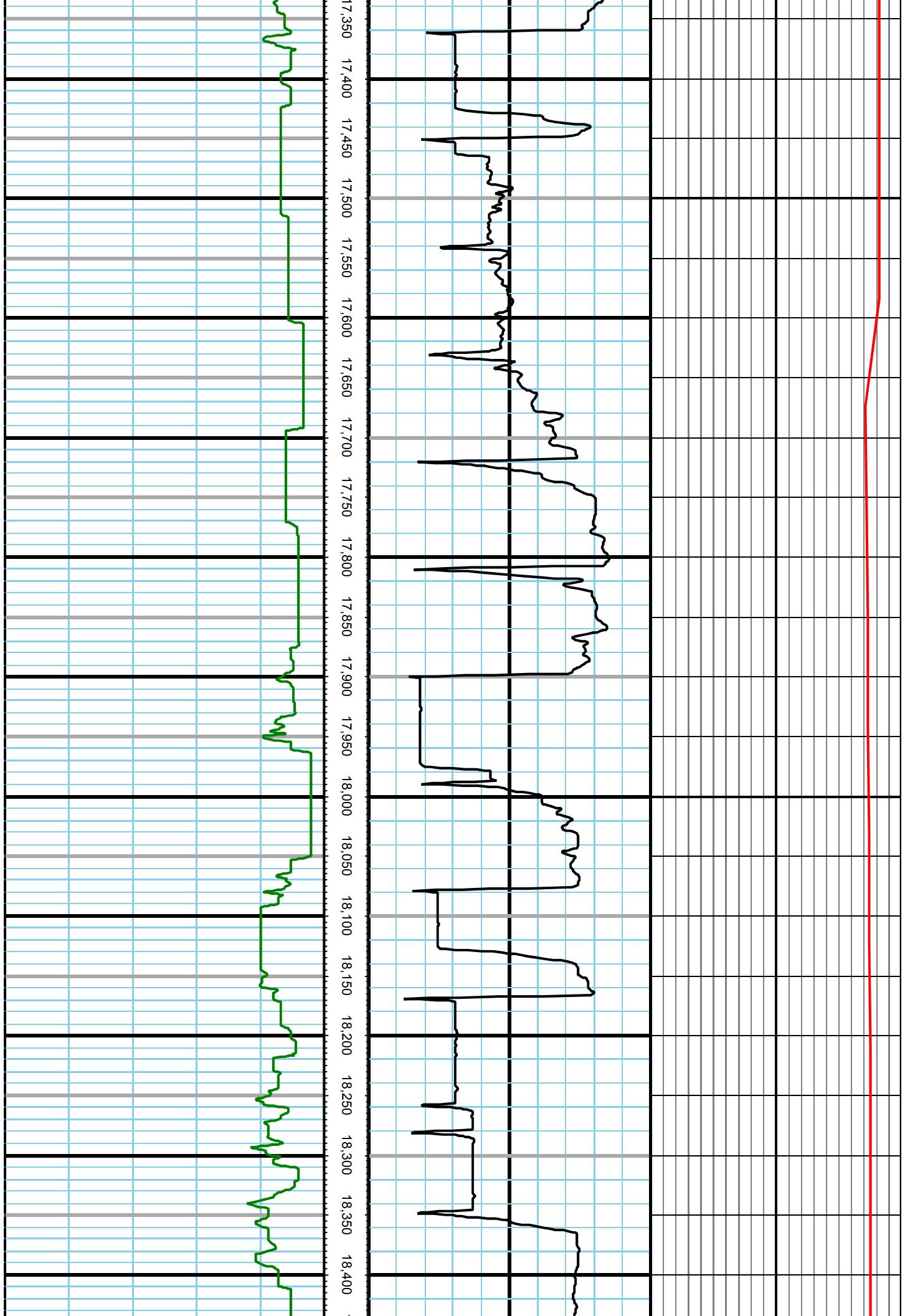


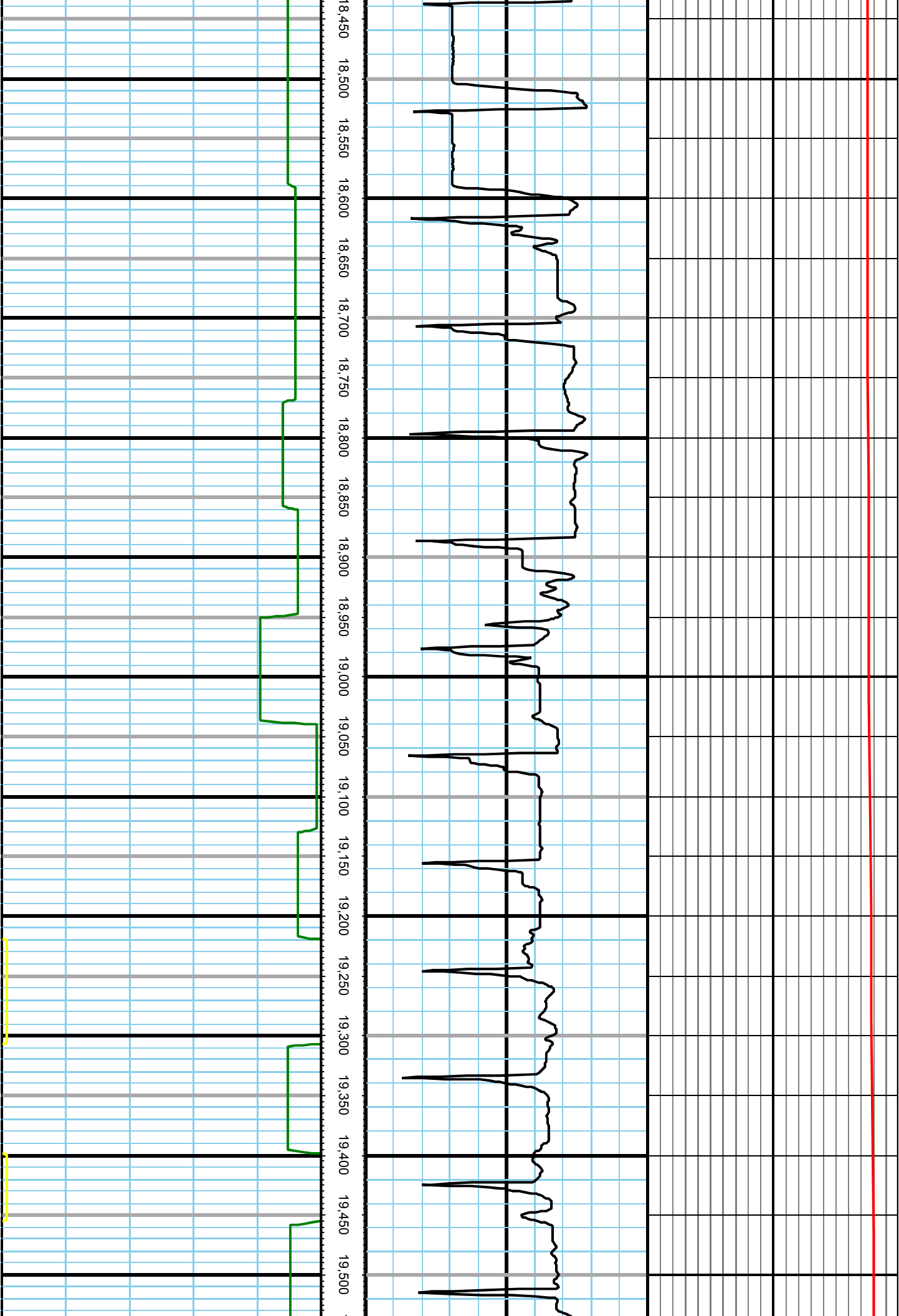


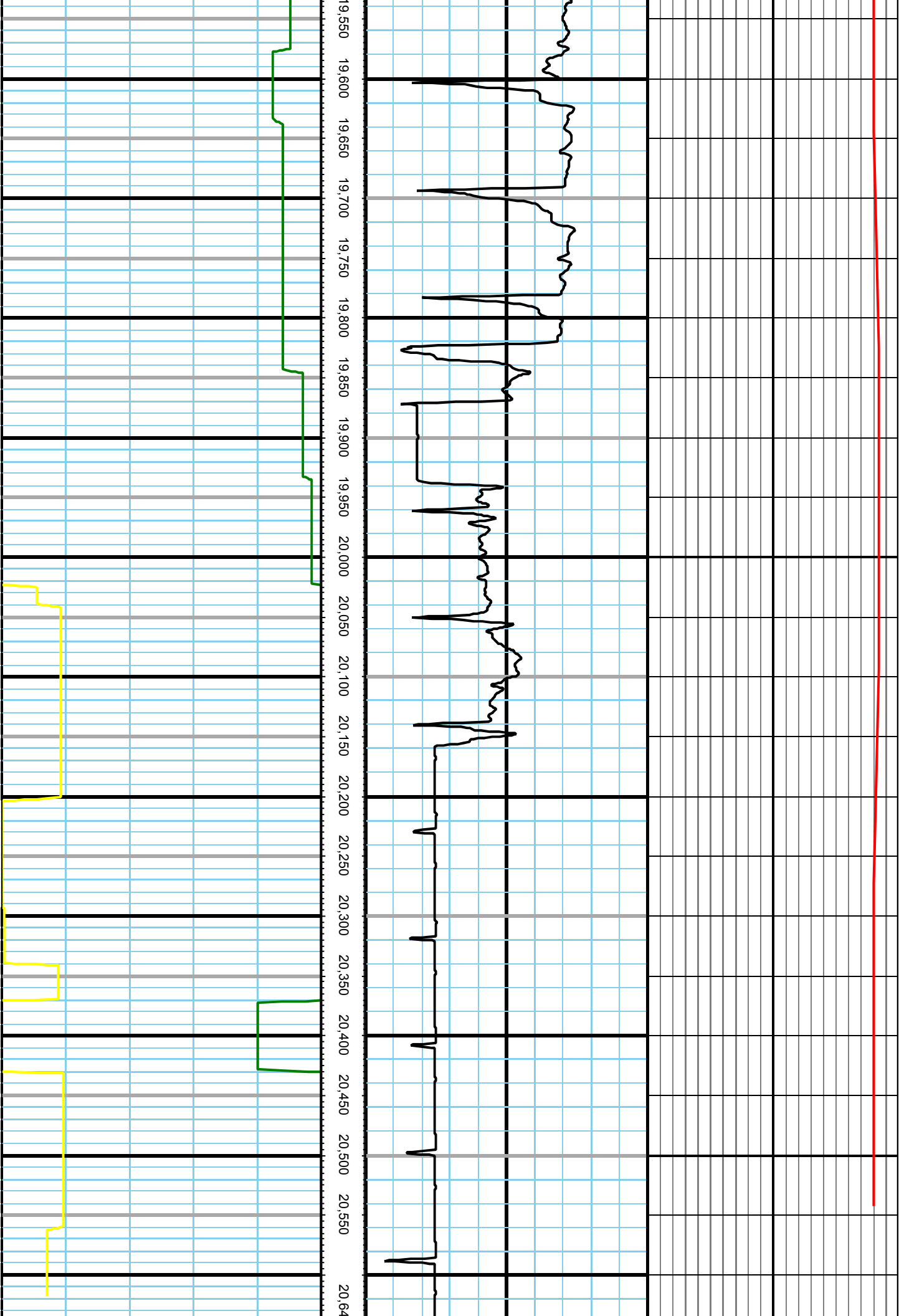












XEM Gamma			MD	ROP			XEM Temp		
0.00	GR(API)	100.00	FT	0.00	ROP(FT/HR)	800.00	0.00	Degrees(deg F)	135.00
100.00	2	200.00		800.00	2	1,600.00	135.00	2	270.00