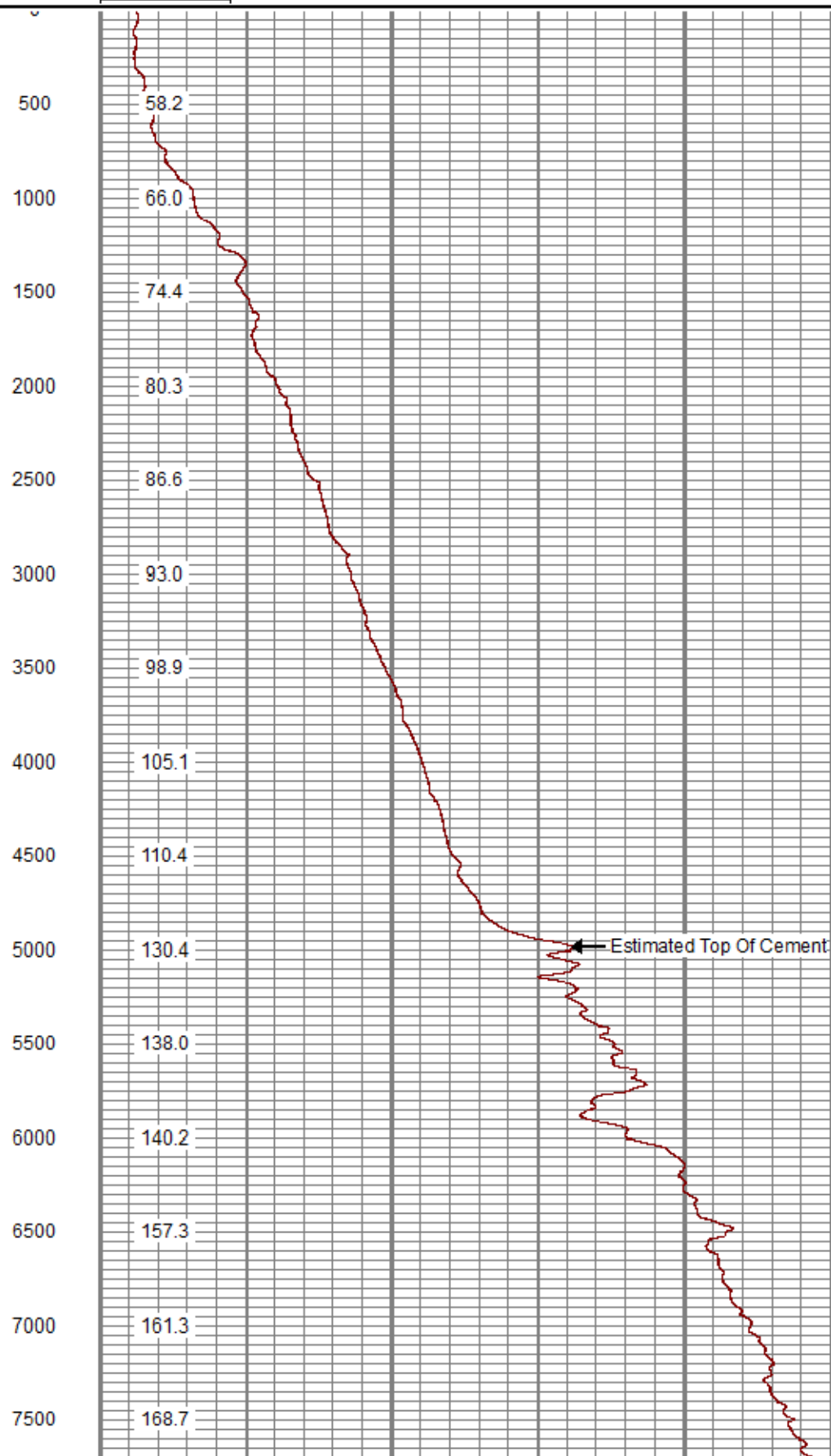


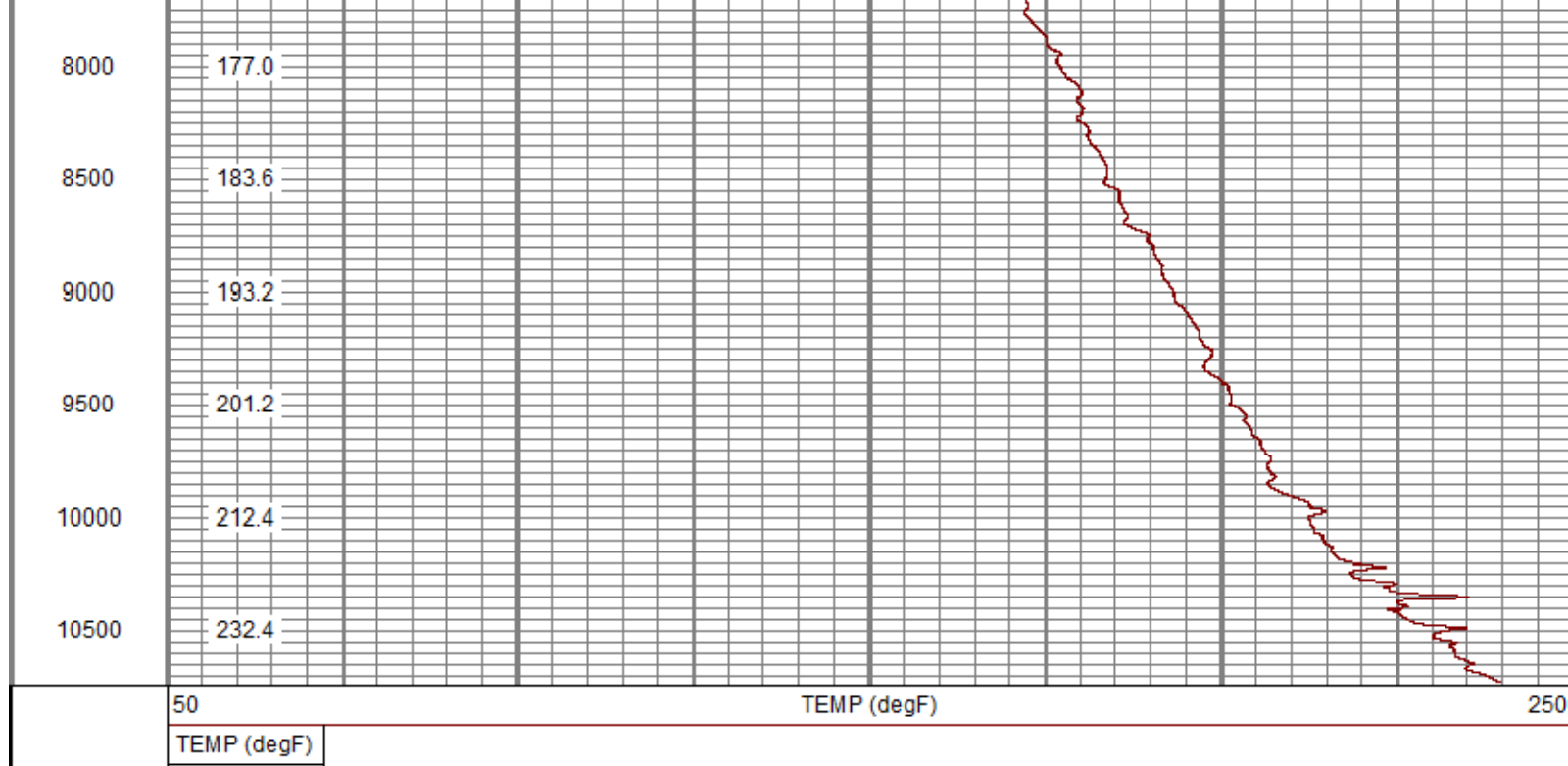



<<< Fold Here >>>
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.
Comments
Log ran as per customer request Depth referenced to Kelly Bushing at 24 FT Log ran from 10734 FT to Surface Log ran with 0 PSI Surface Induced Pressure Thank you for choosing Reliance Oilfield Services, LLC!!

Database File	tep_federal_ru_512-17_temp_mar-26-2018.db
Dataset Pathname	main.1
Presentation Format	ros_temp_ql_tep
Dataset Creation	Mon Mar 26 02:05:45 2018
Charted by	Depth in Feet scaled 1:10000

50	TEMP (degF)	250
TEMP (degF)		







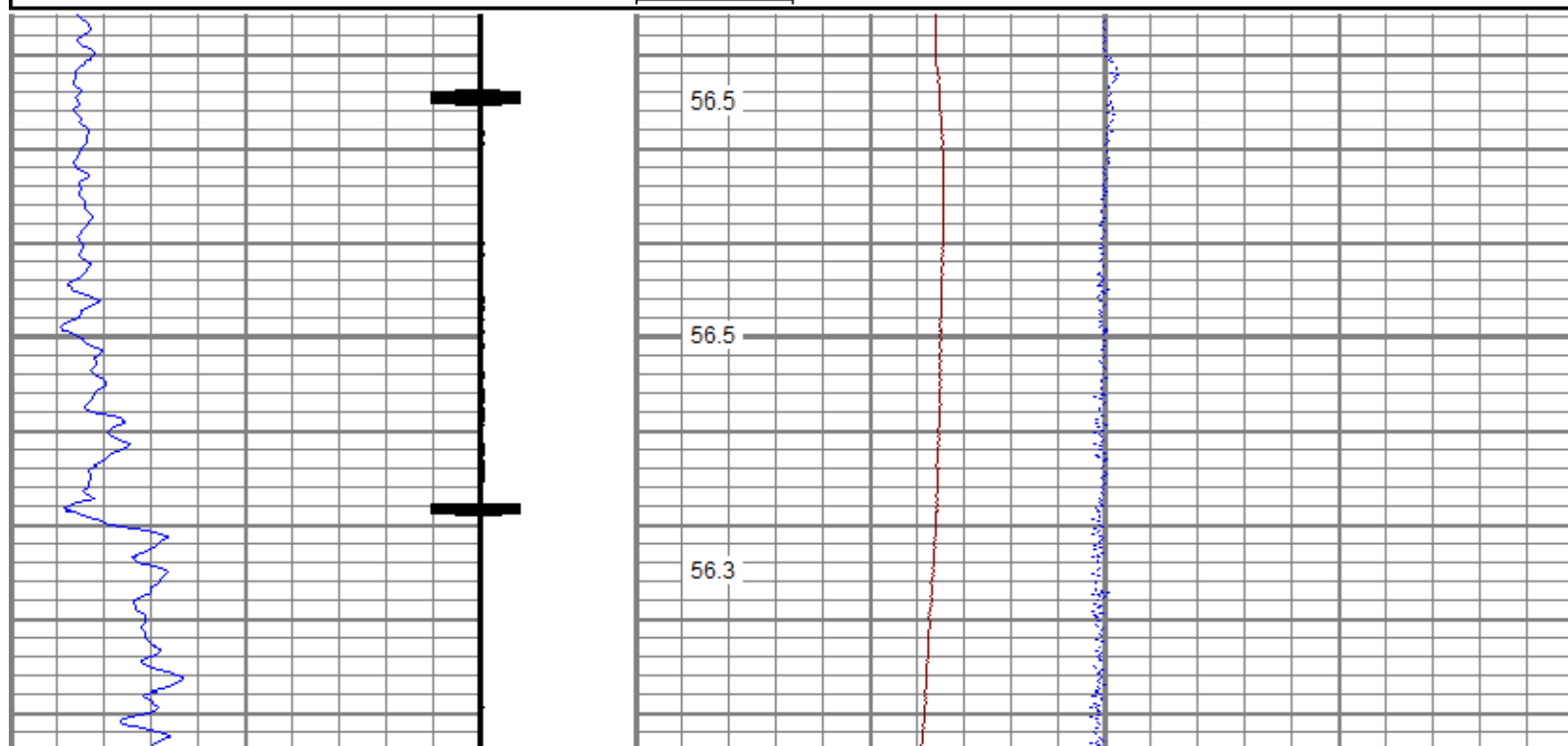
RELIANCE
OILFIELD SERVICES

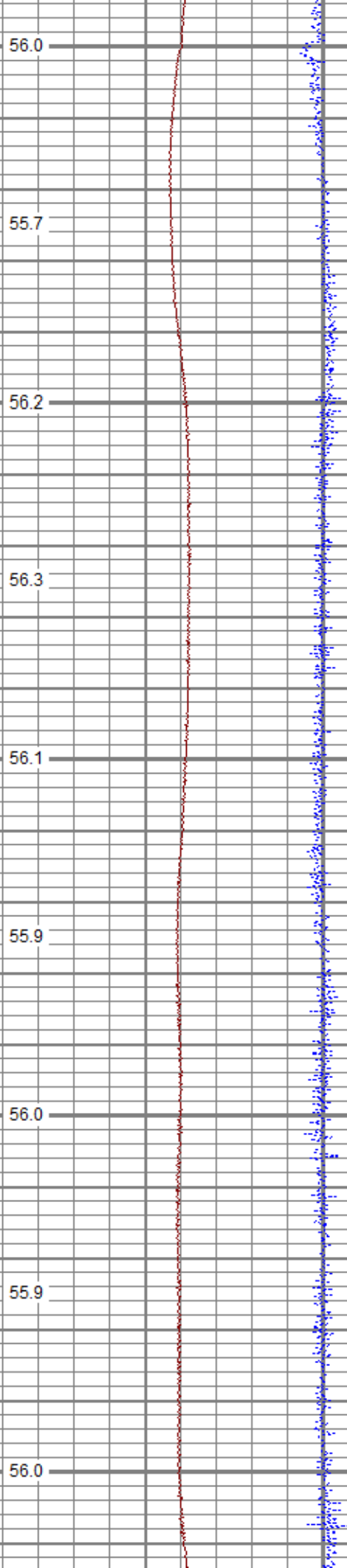
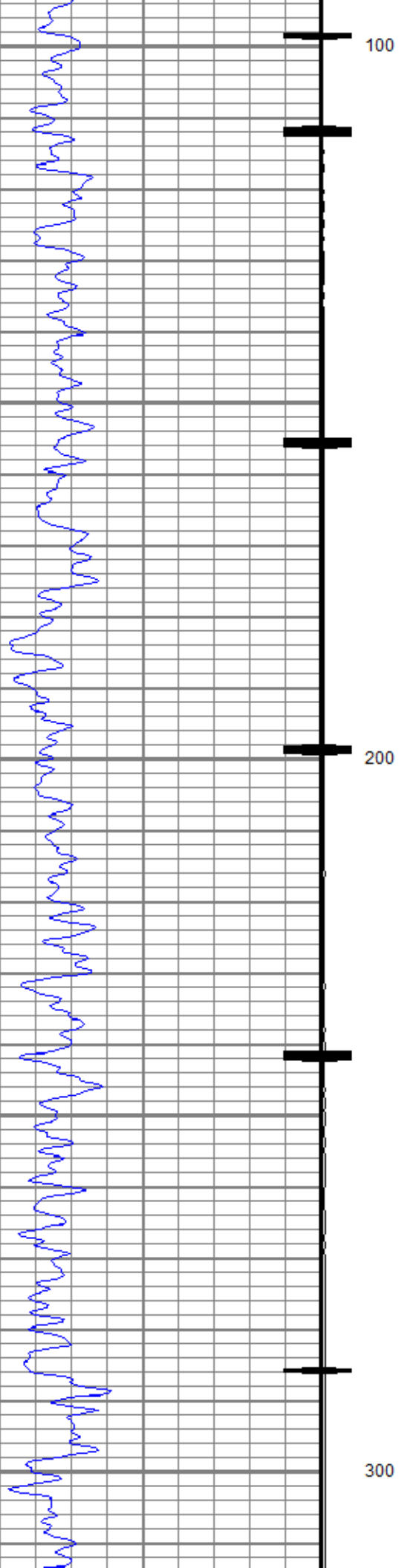
Main Pass

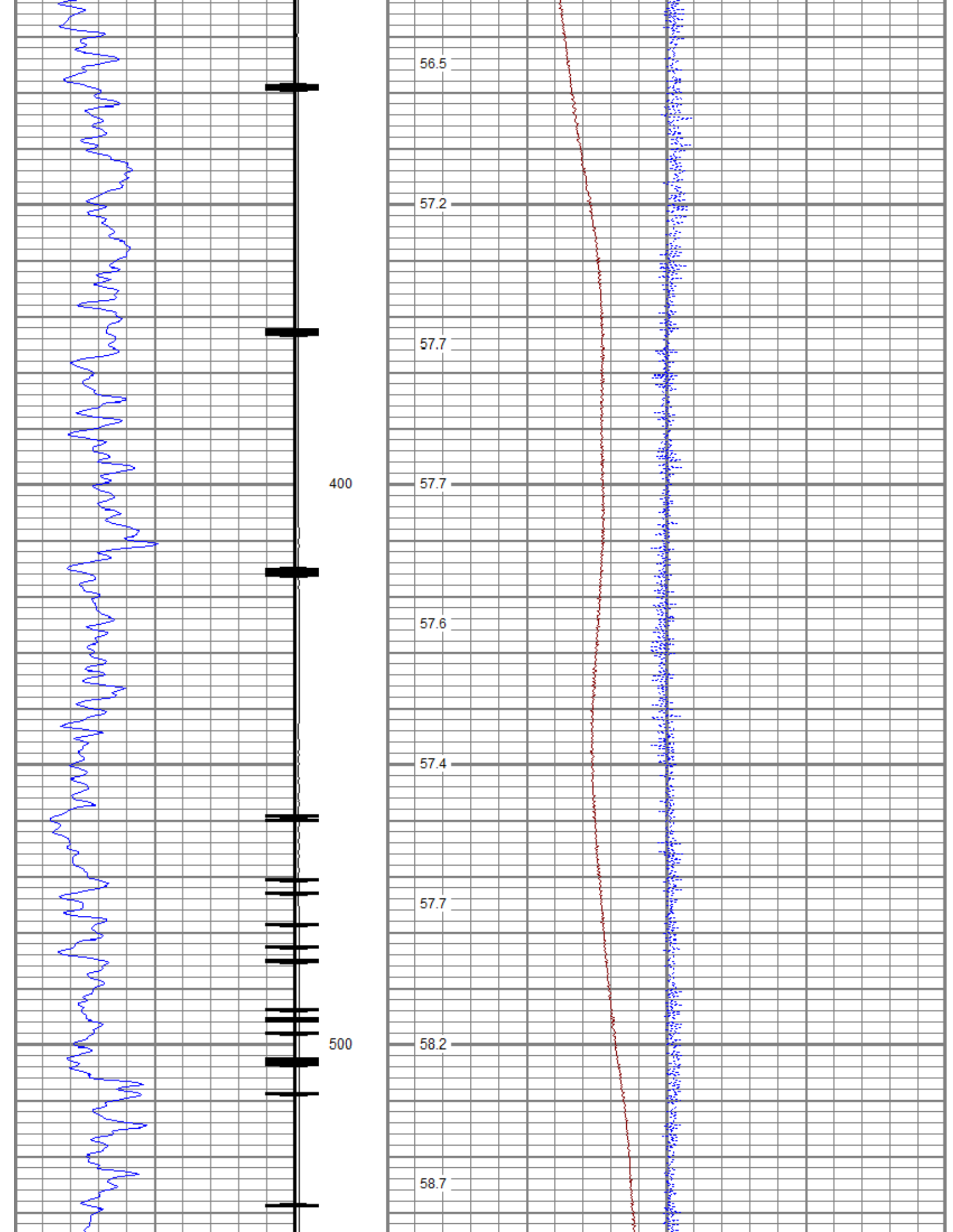
Recorded with 0 PSI Surface Induced Pressure.

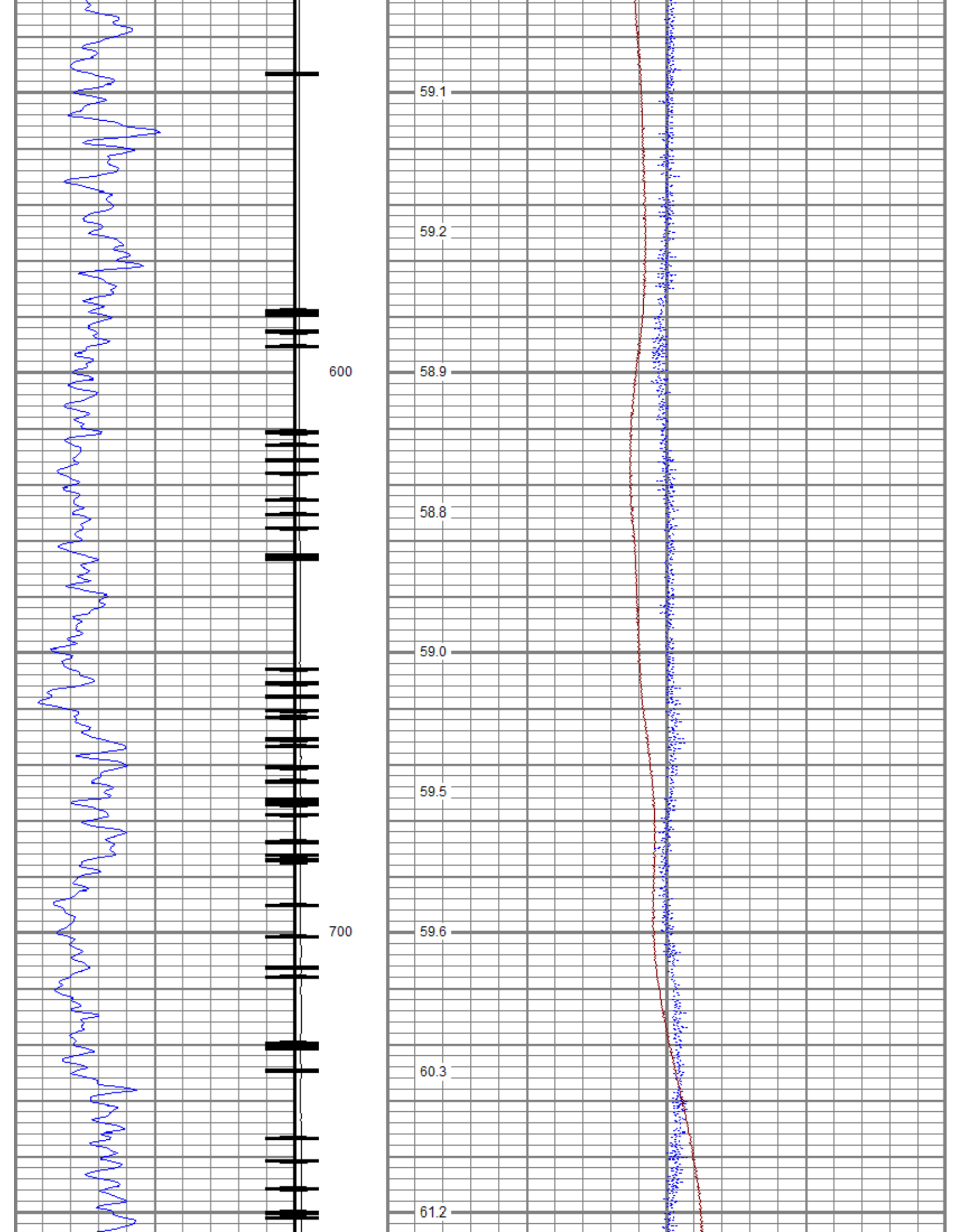
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Dataset Pathname	main
Presentation Format	ros_temp_tep
Dataset Creation	Mon Mar 26 00:15:48 2018
Charted by	Depth in Feet scaled 1:240

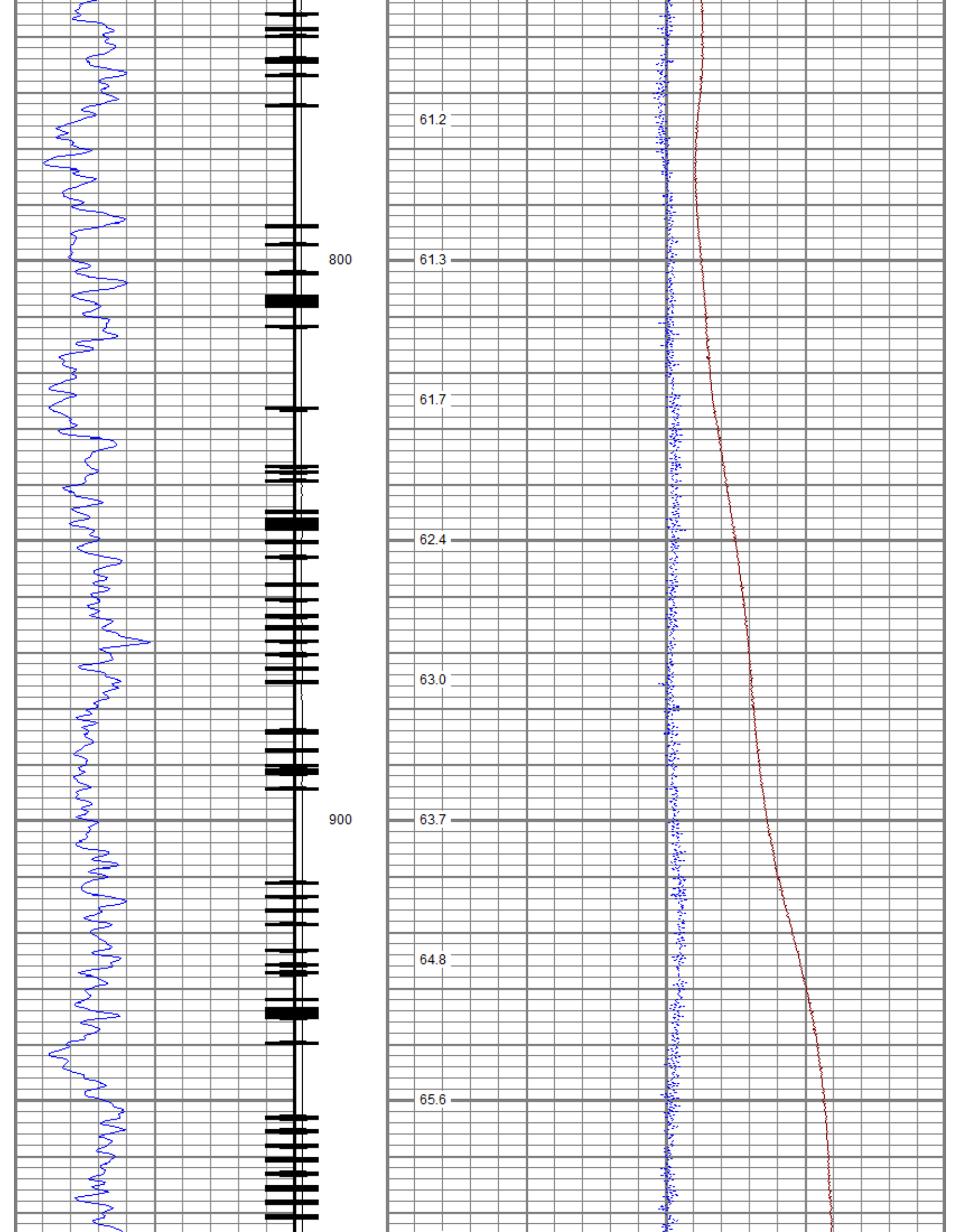
0	Gamma Ray (GAPI)	120	LTEN	50	TEMP (degF)	70
	Casing Collar Locator	0	(lb) 2000	-1	DTMP (degF)	1
				TEMP (degF)		

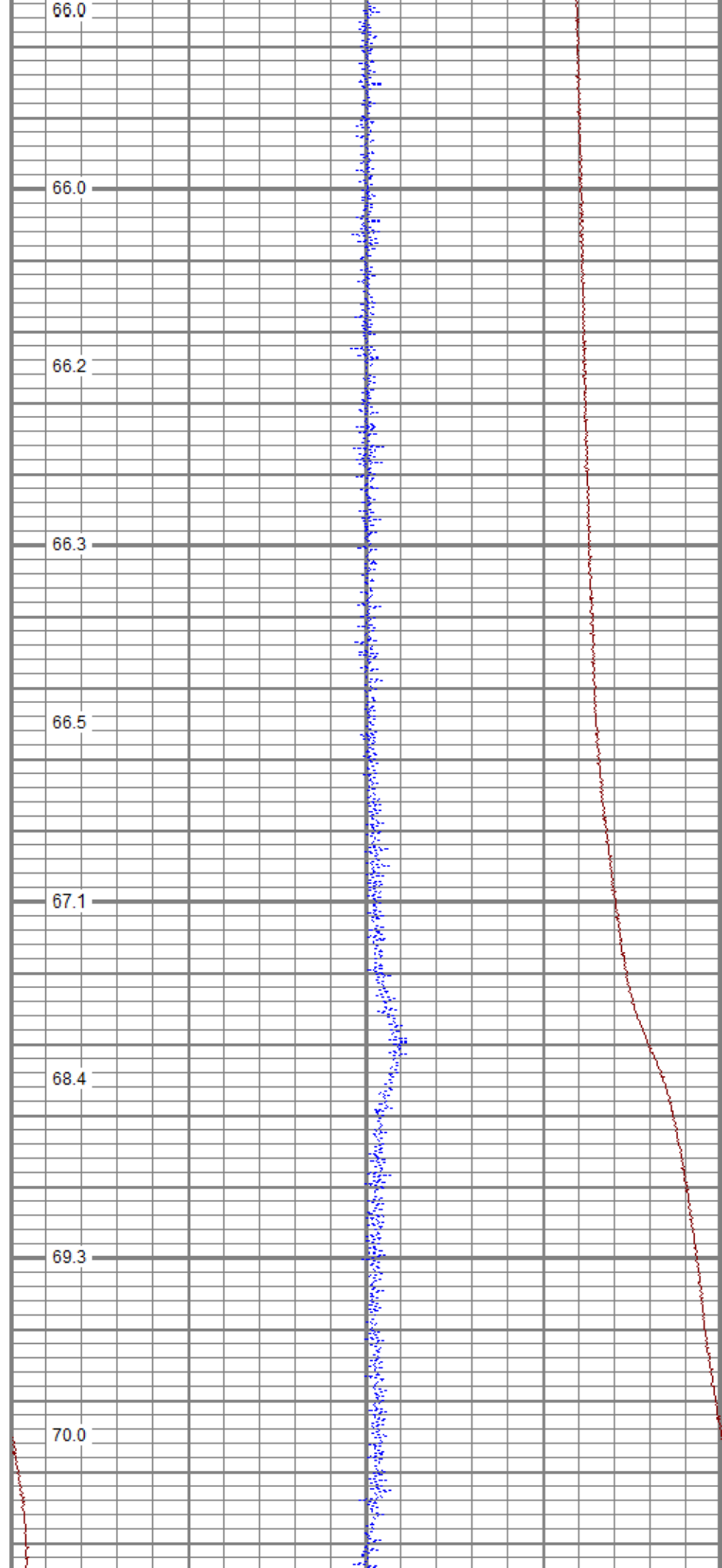
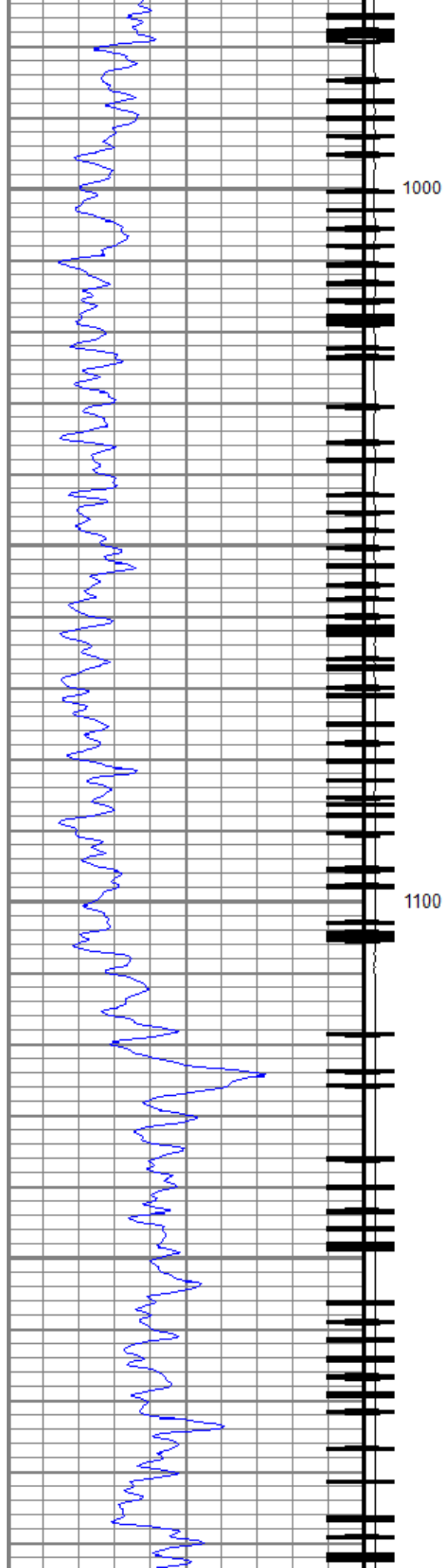


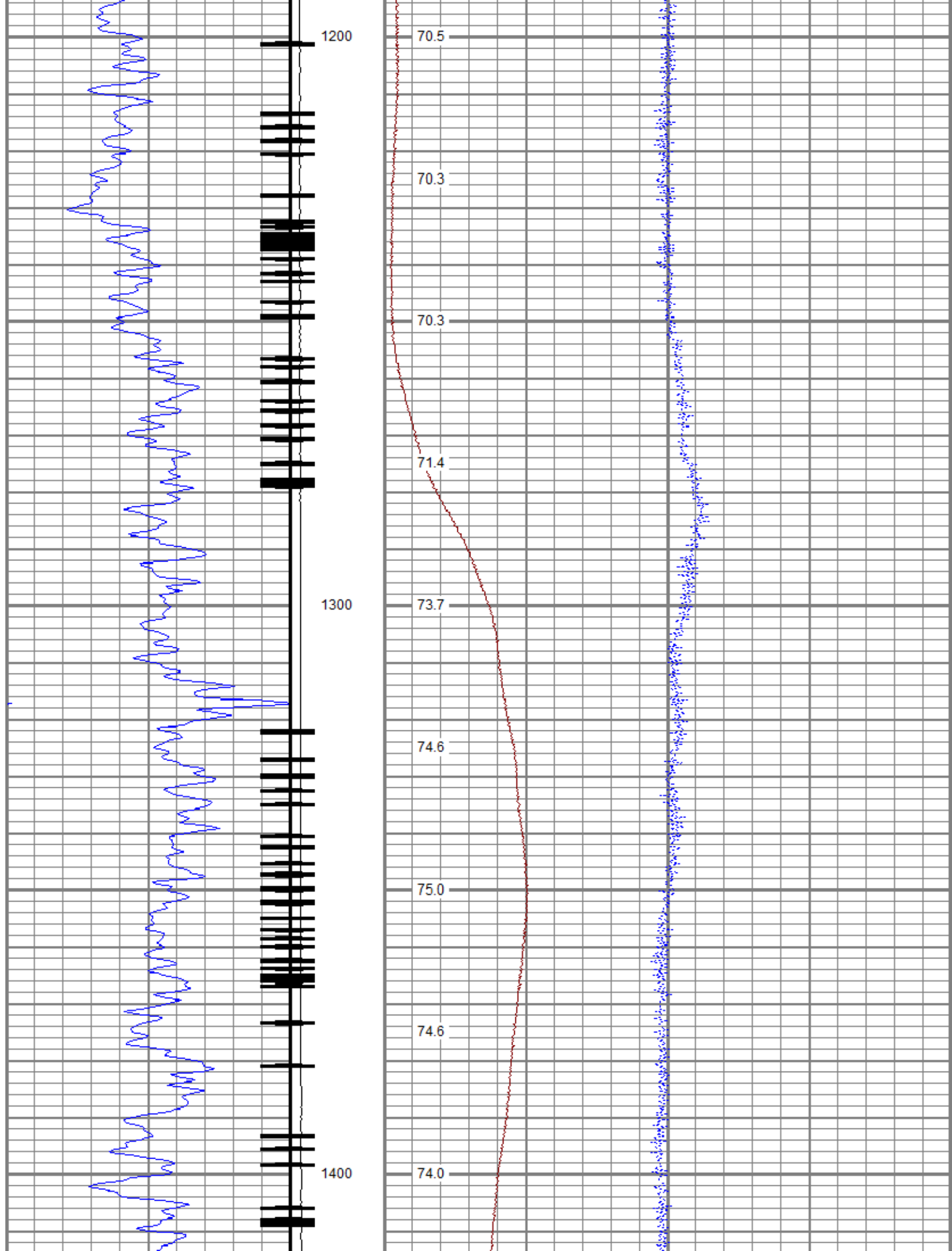


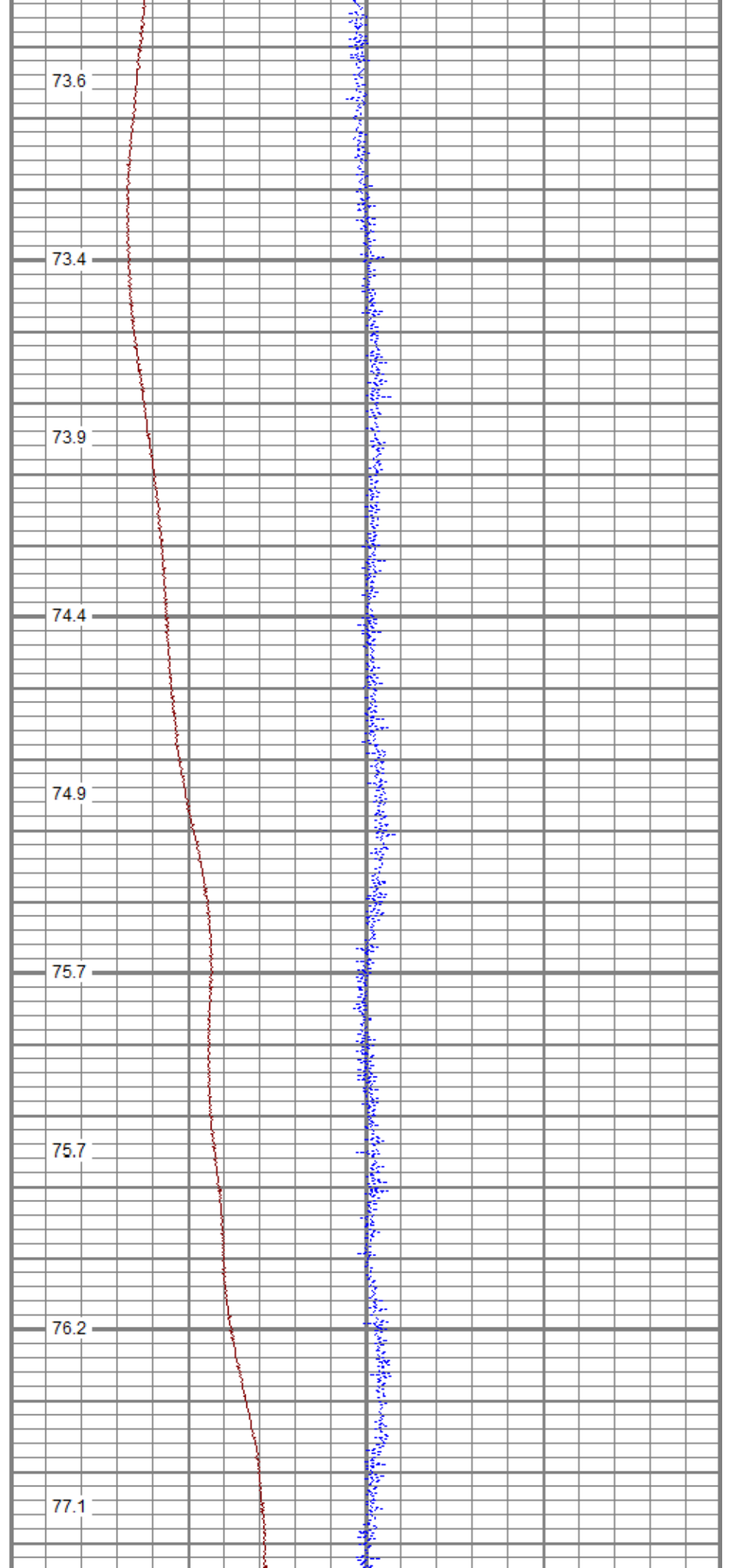
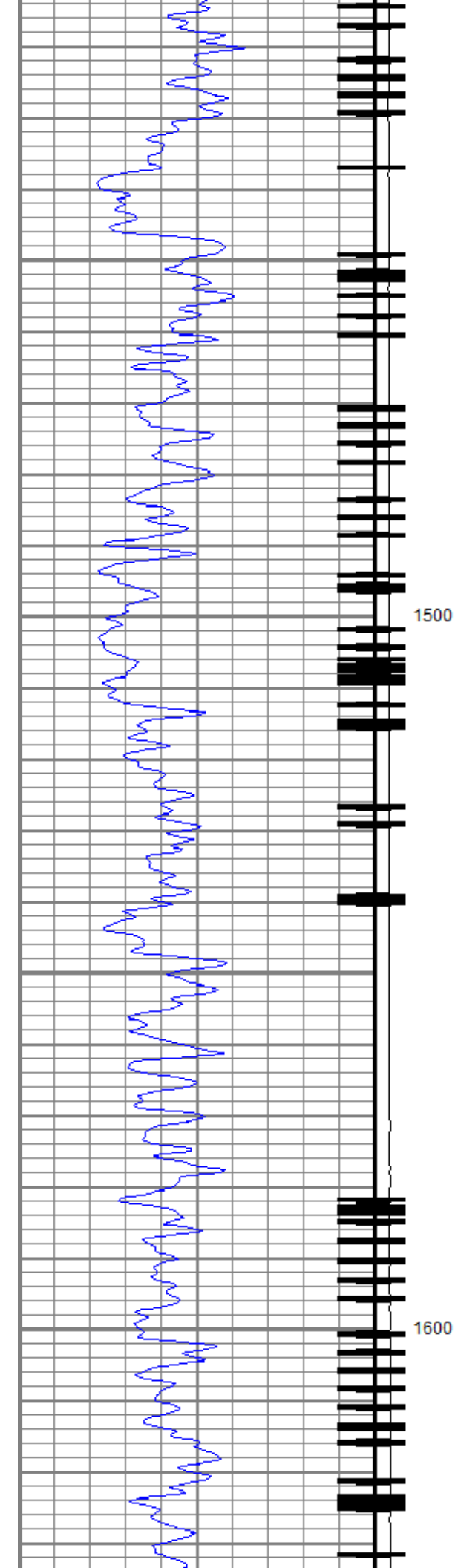


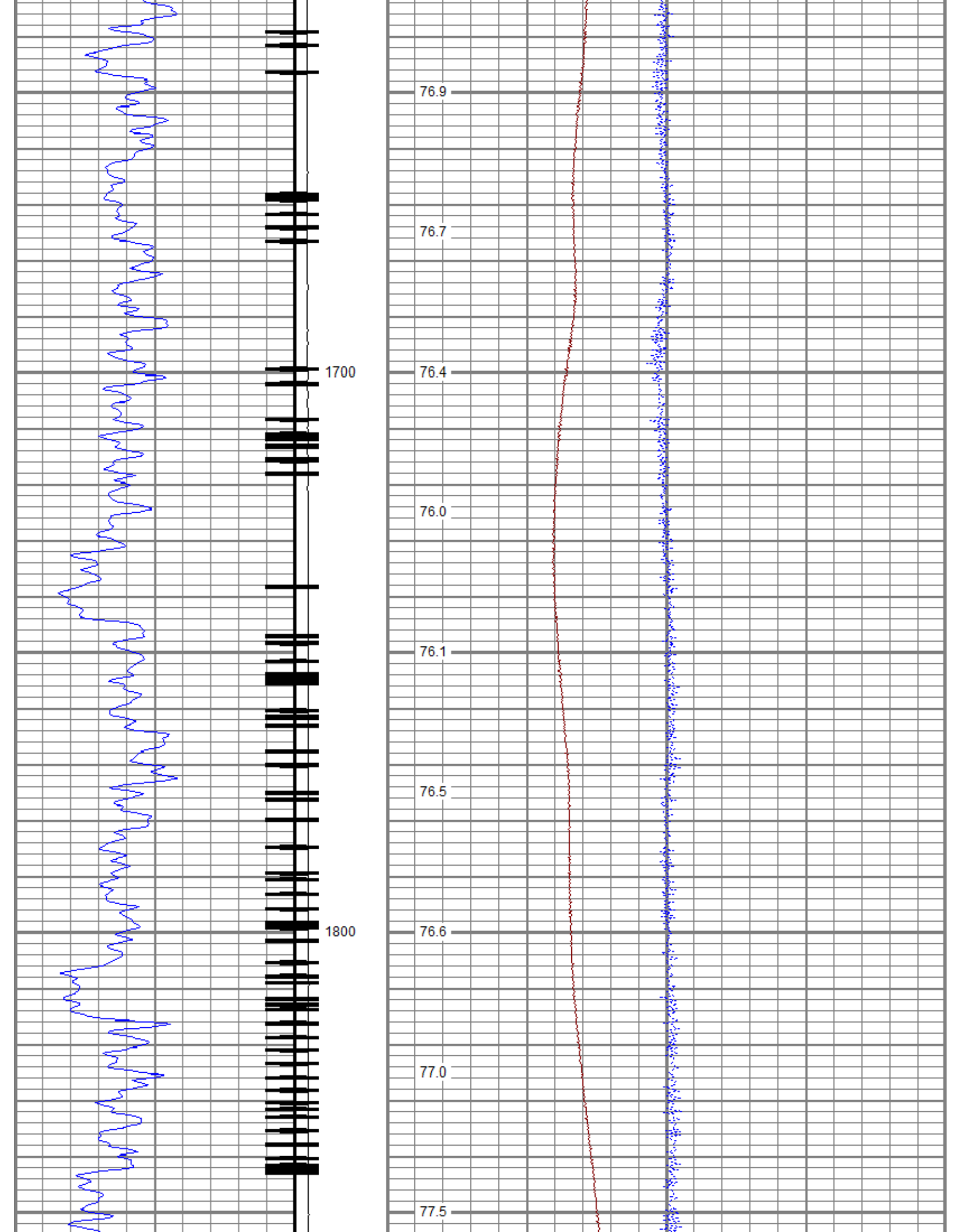


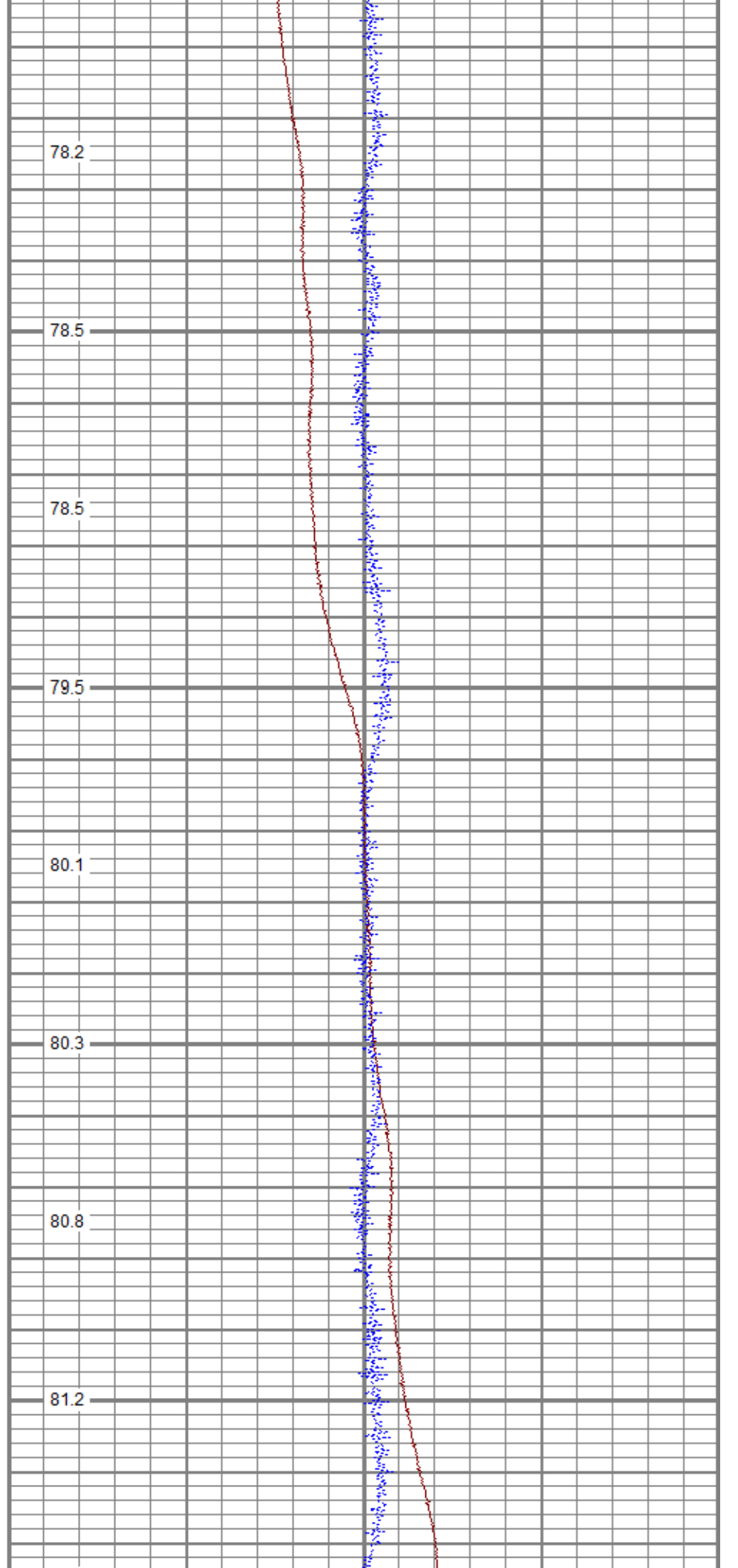
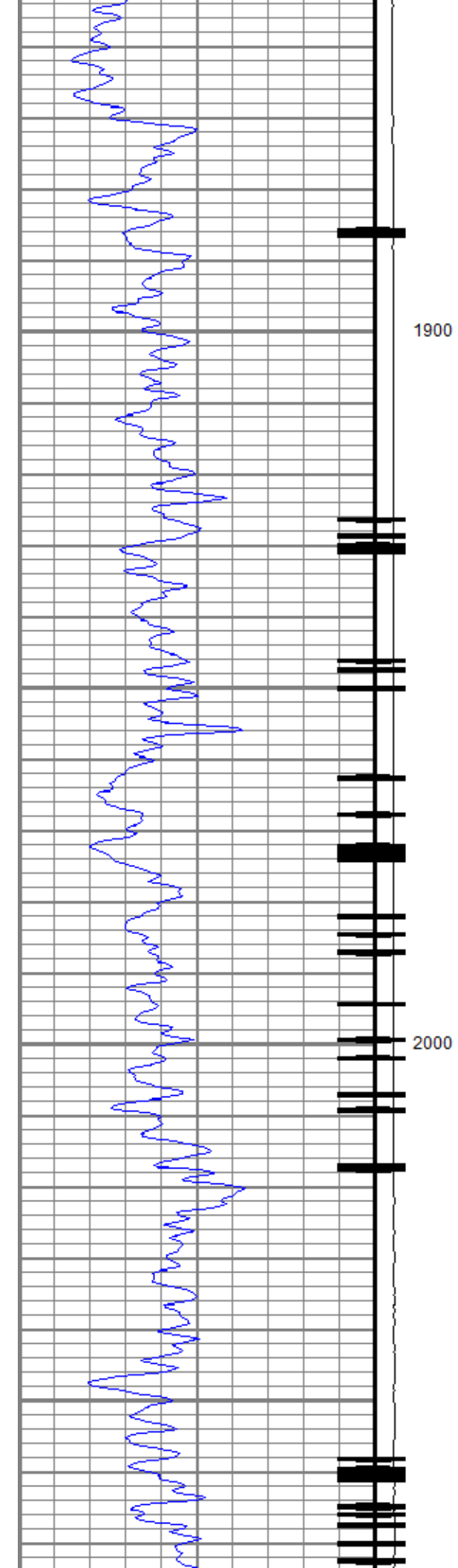


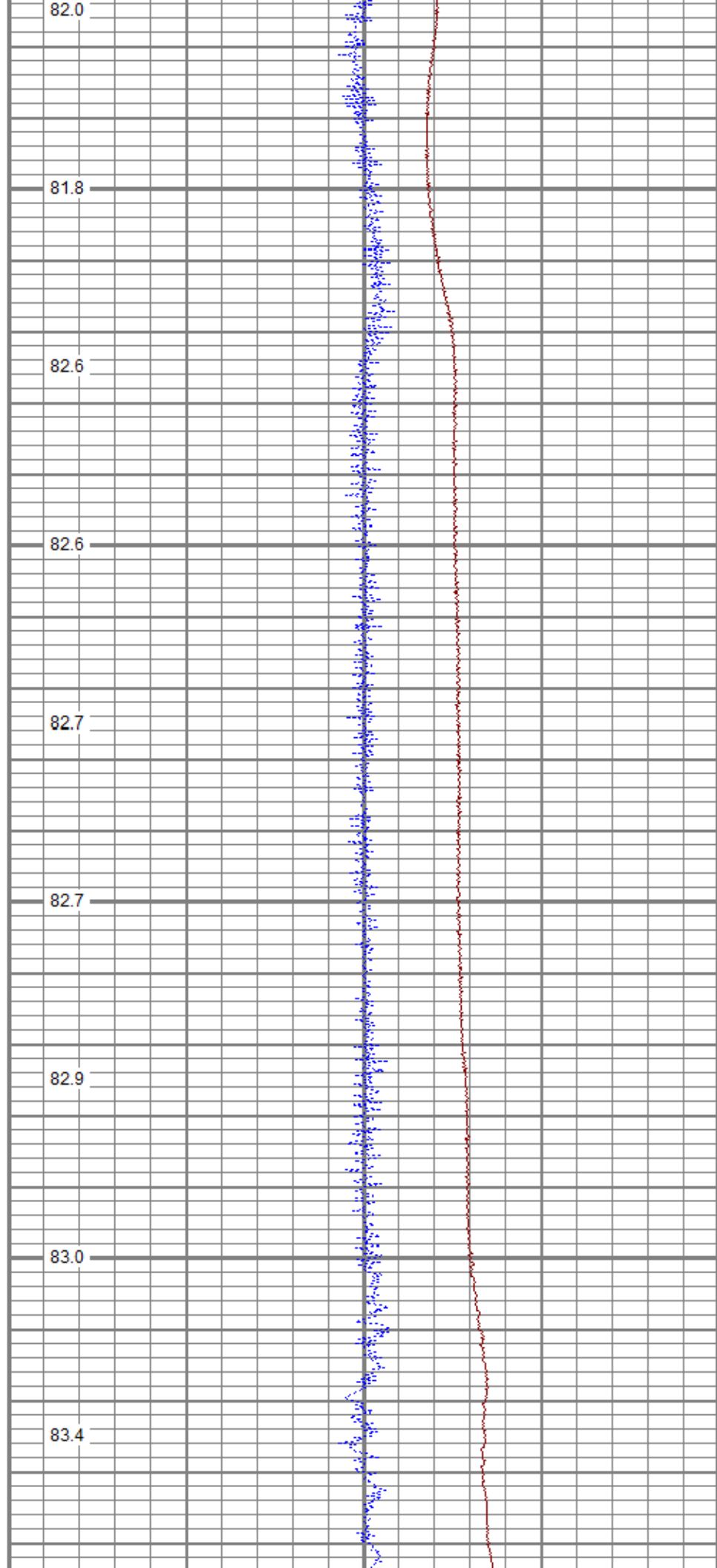
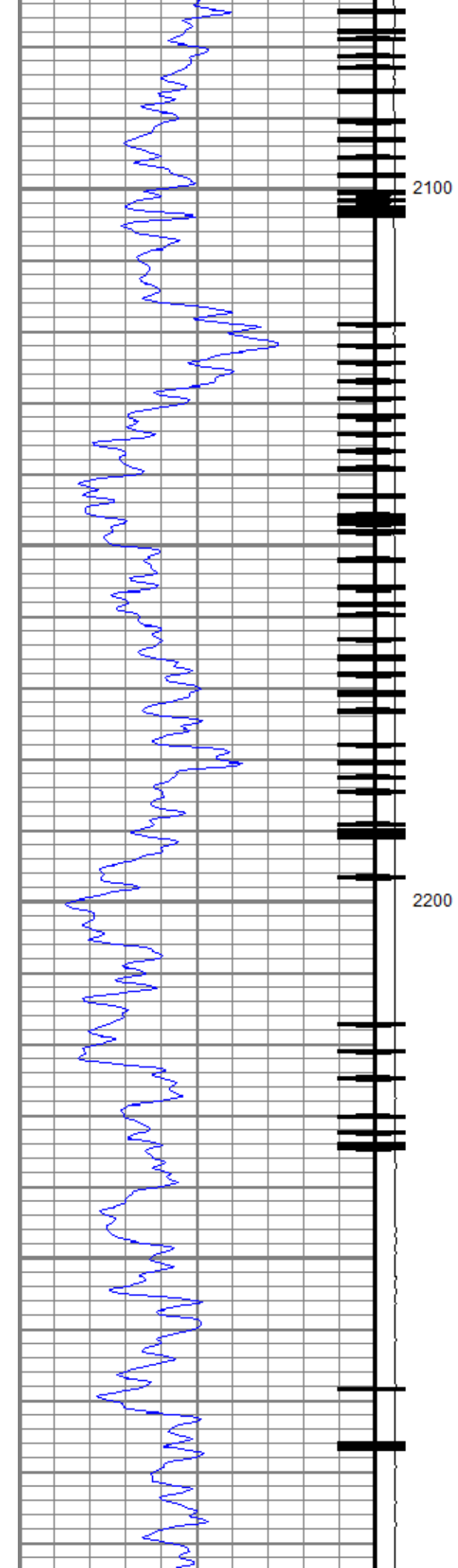


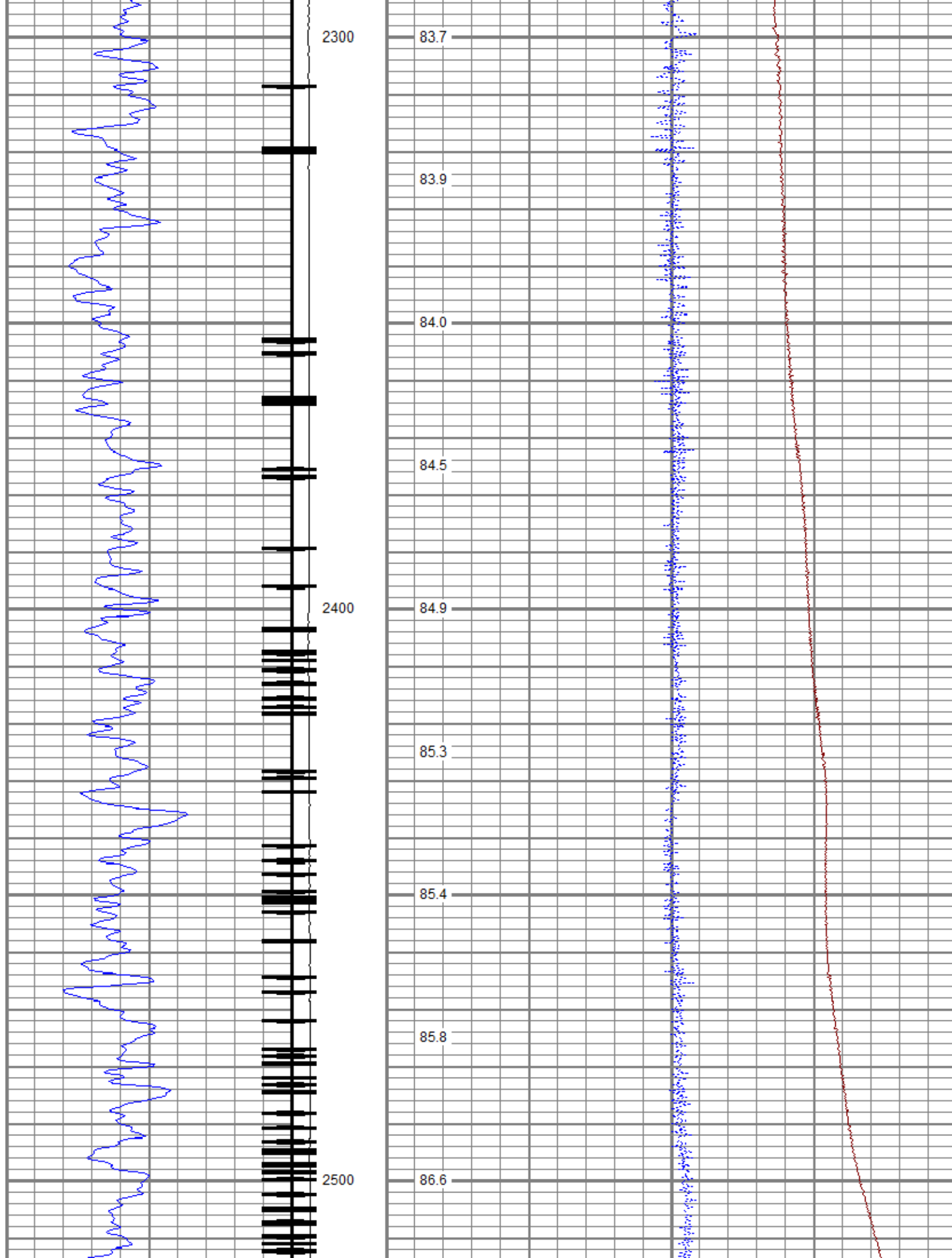














2600

2700

87.6

87.5

87.8

87.9

88.2

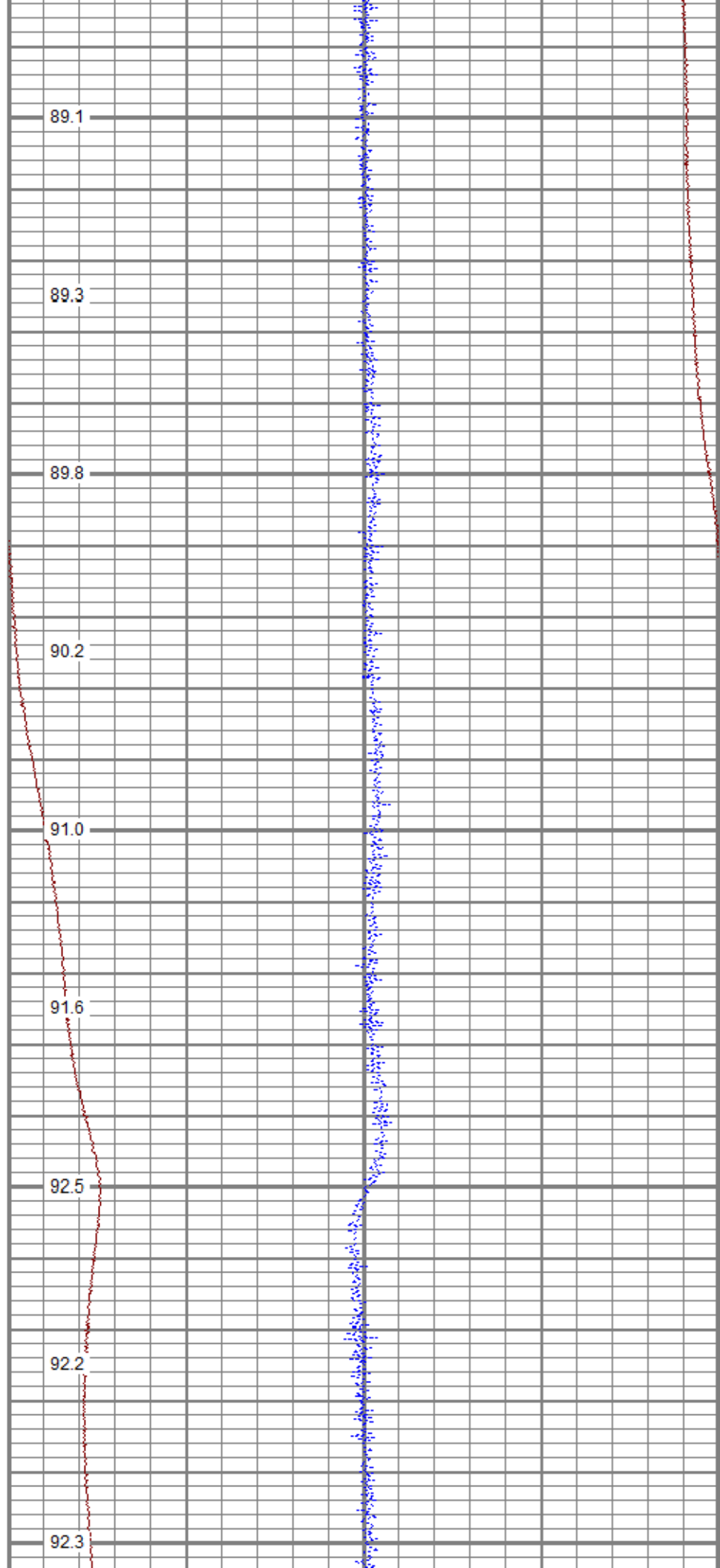
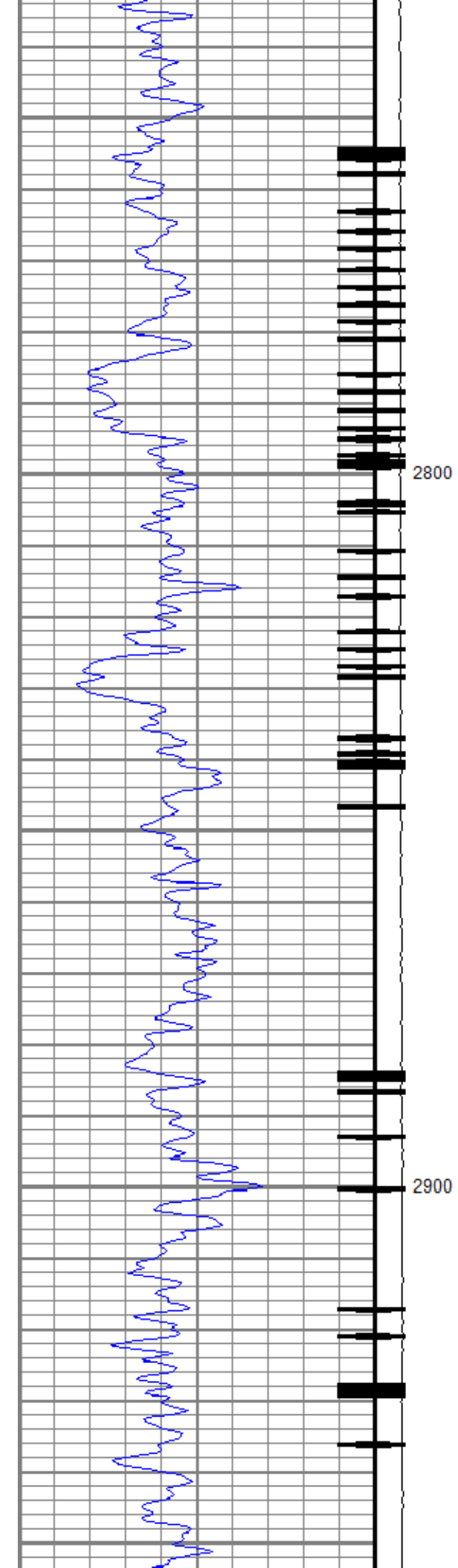
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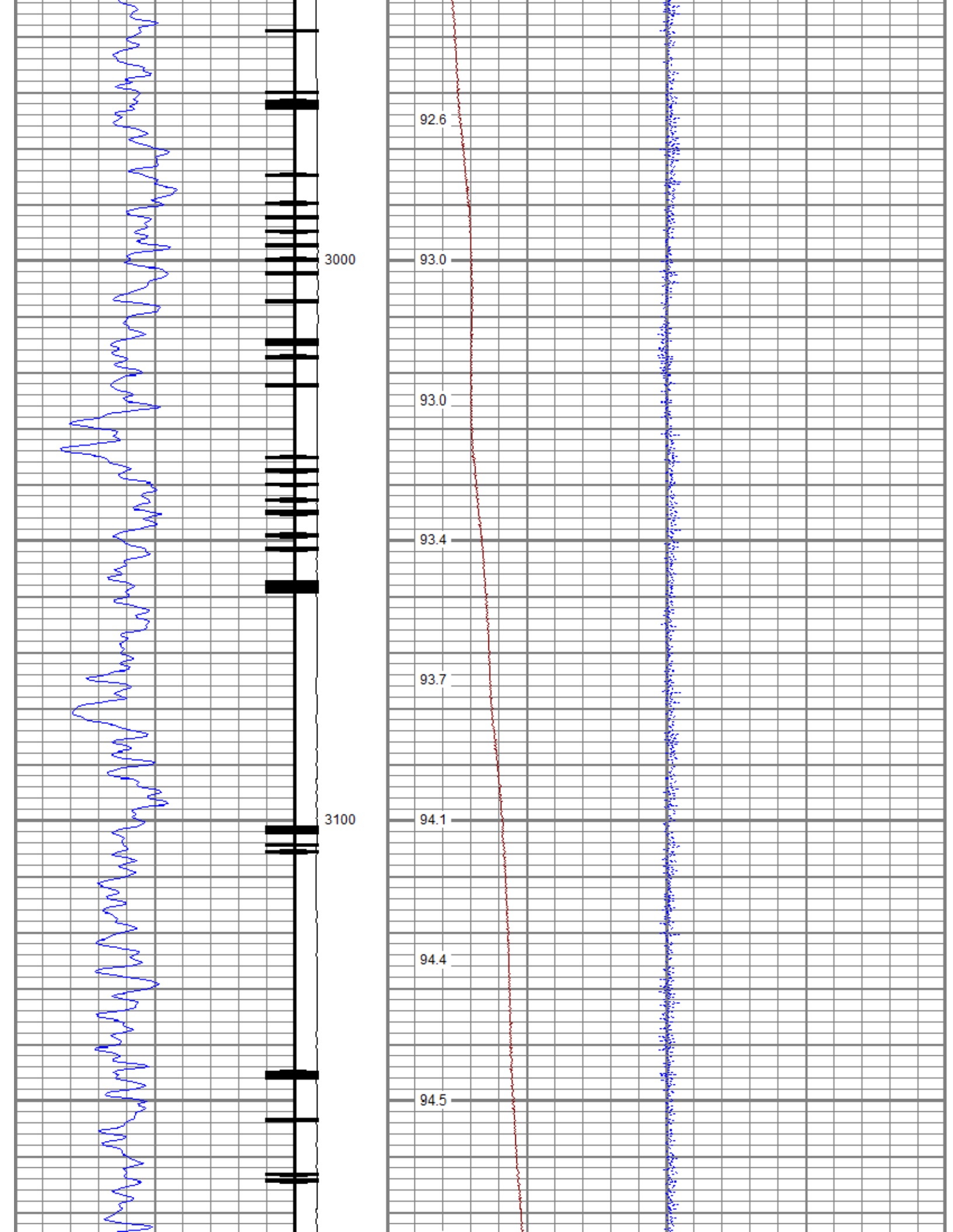
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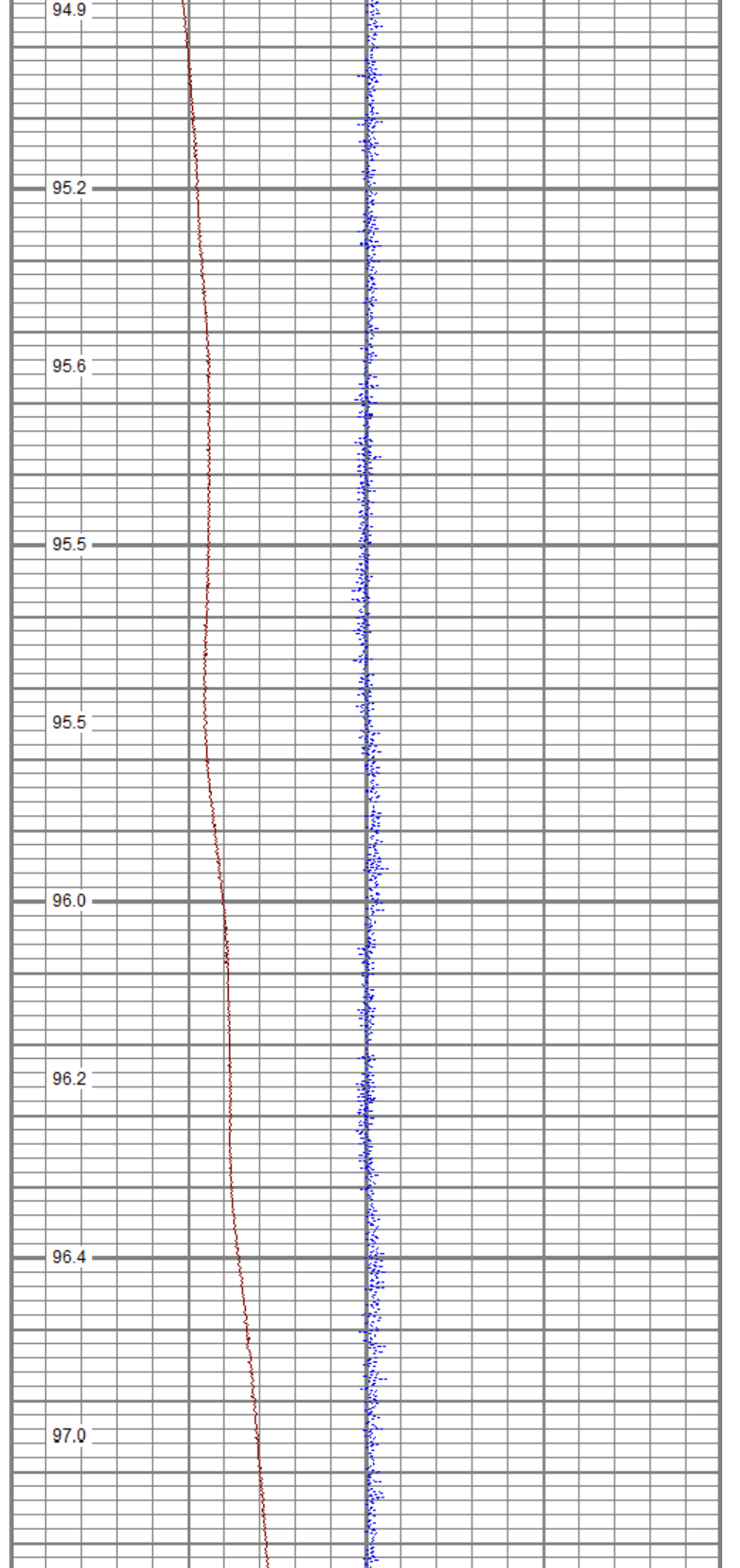
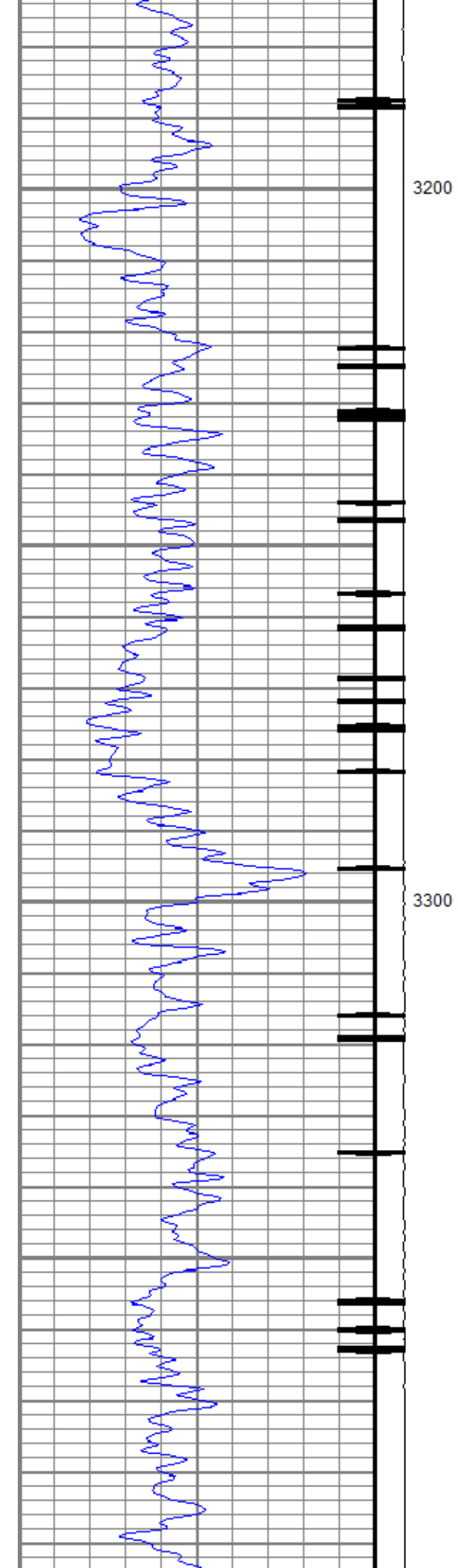
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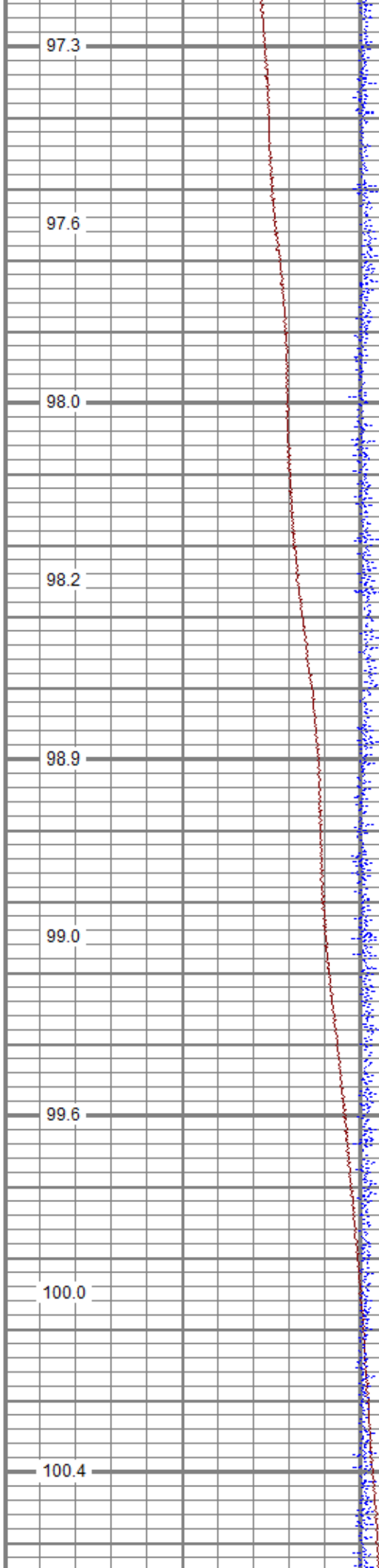
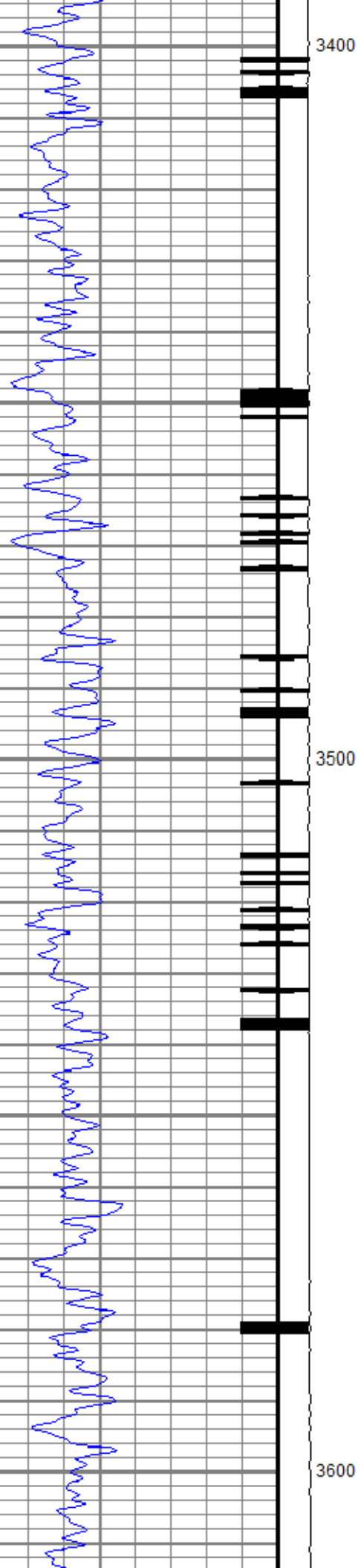
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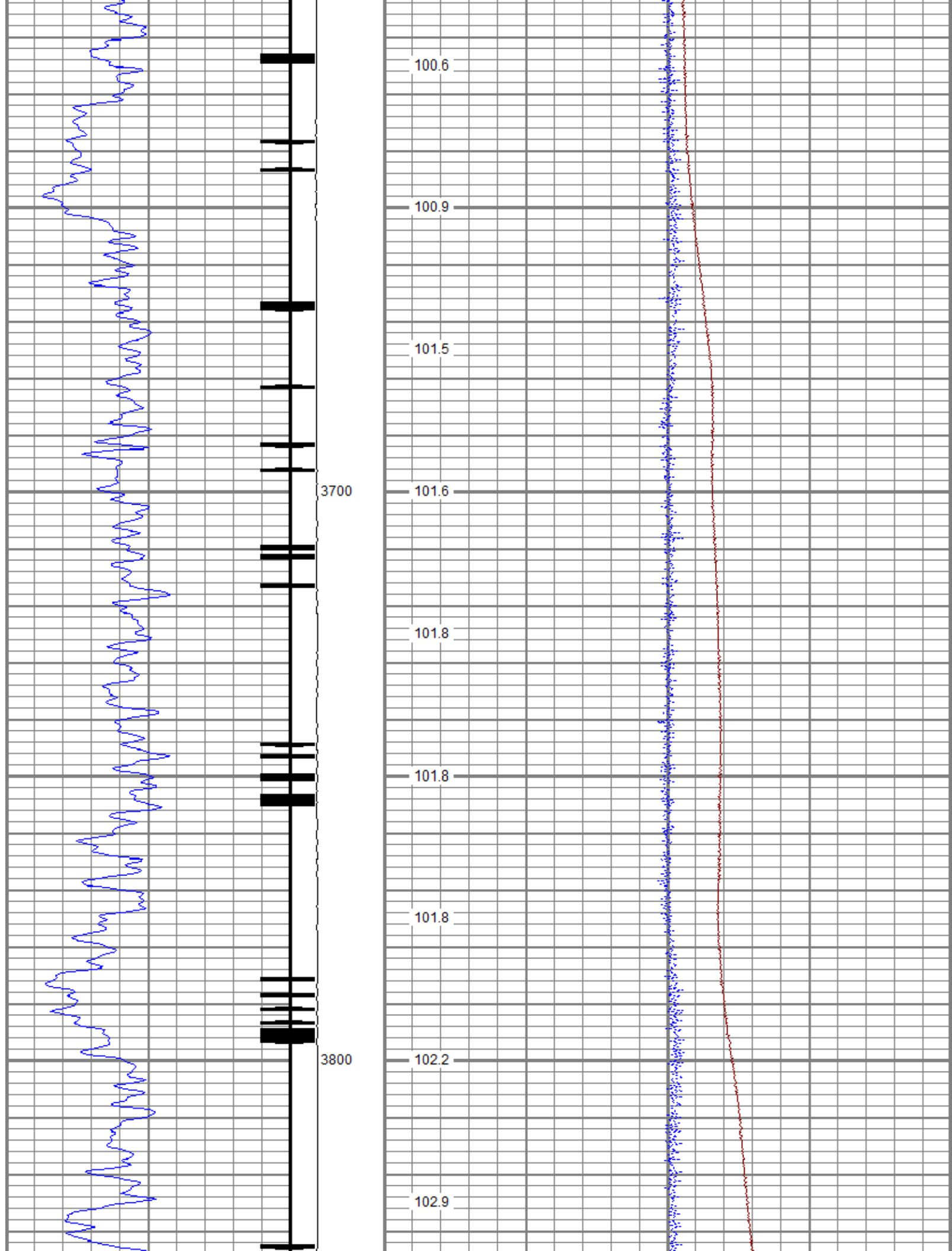


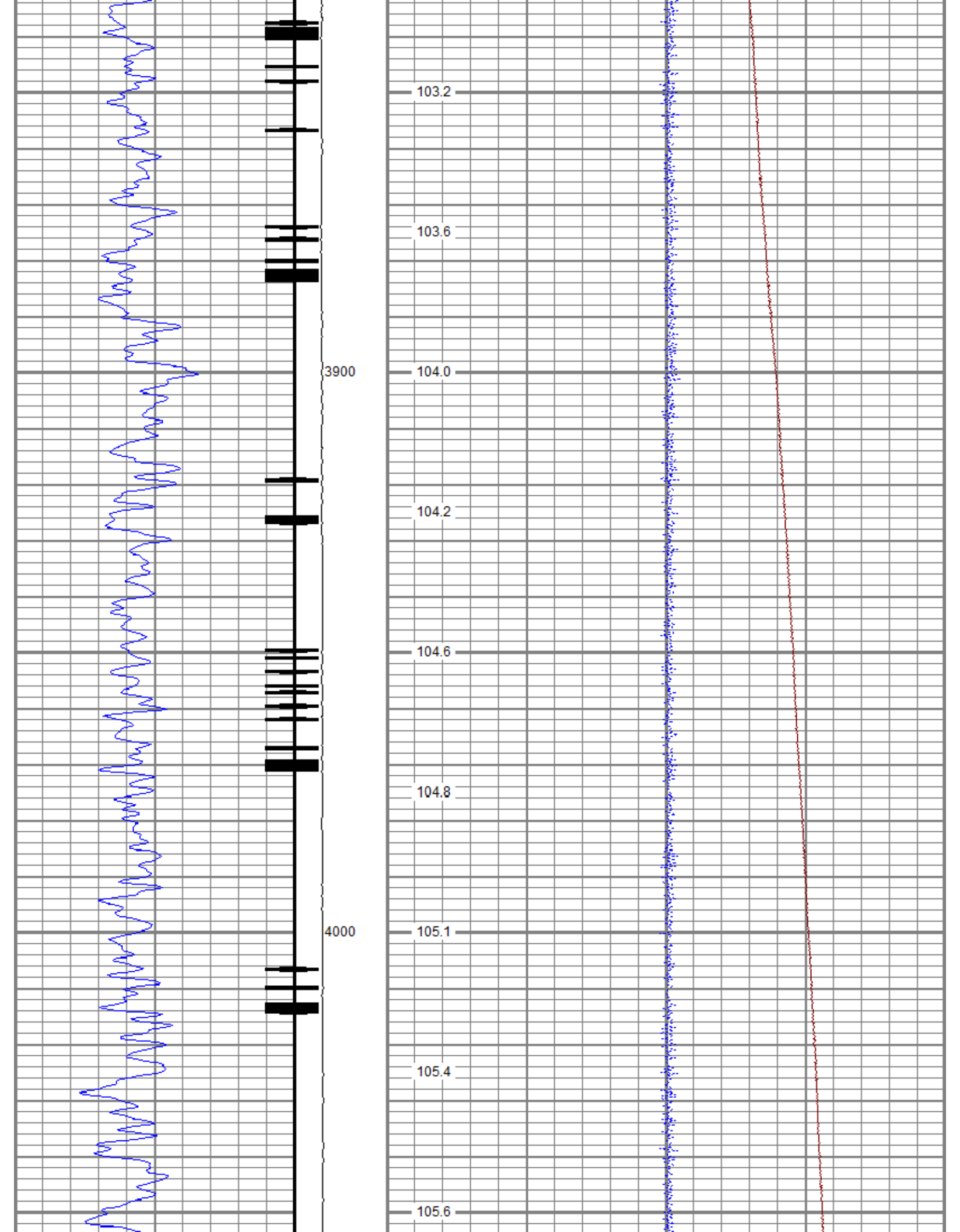


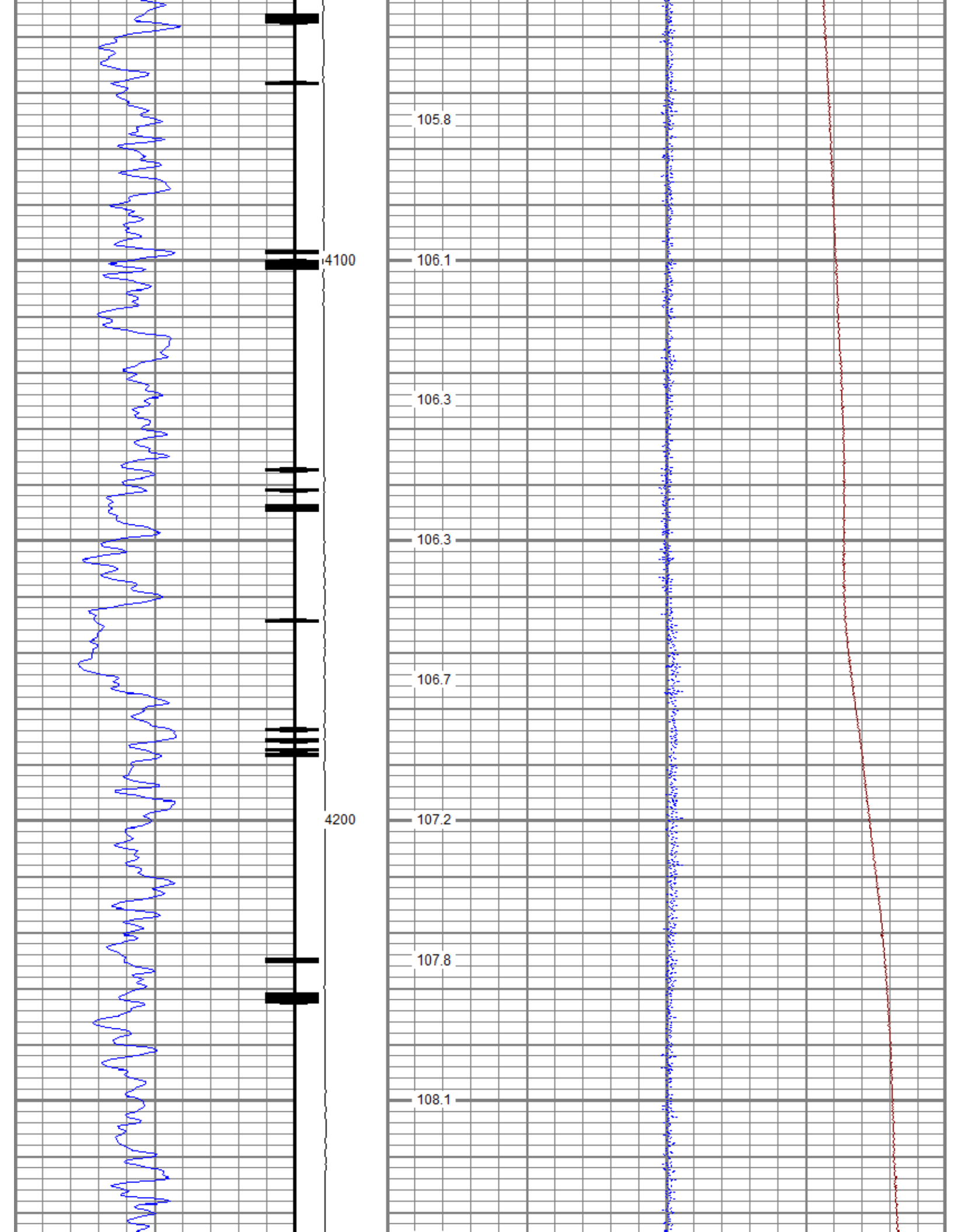


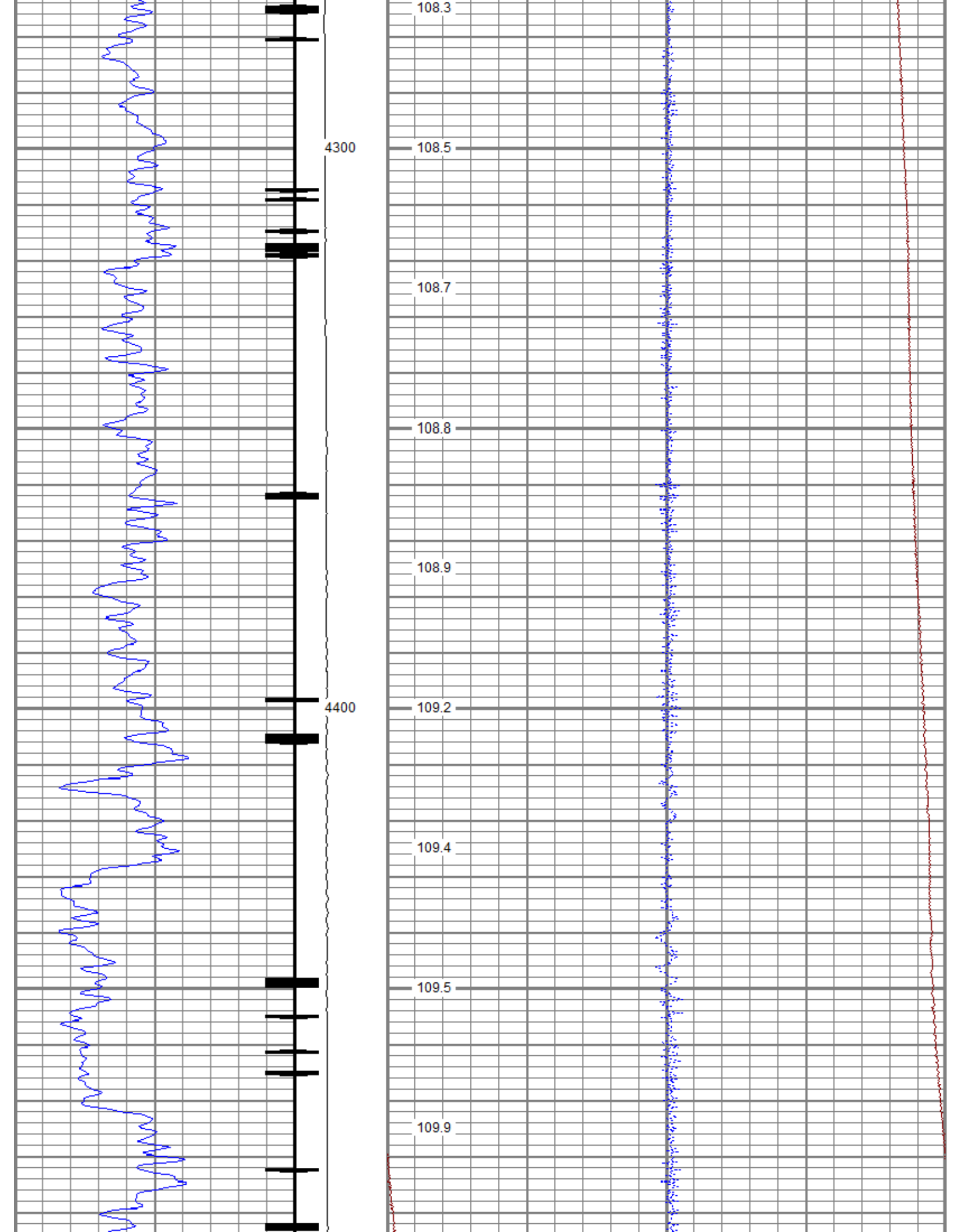


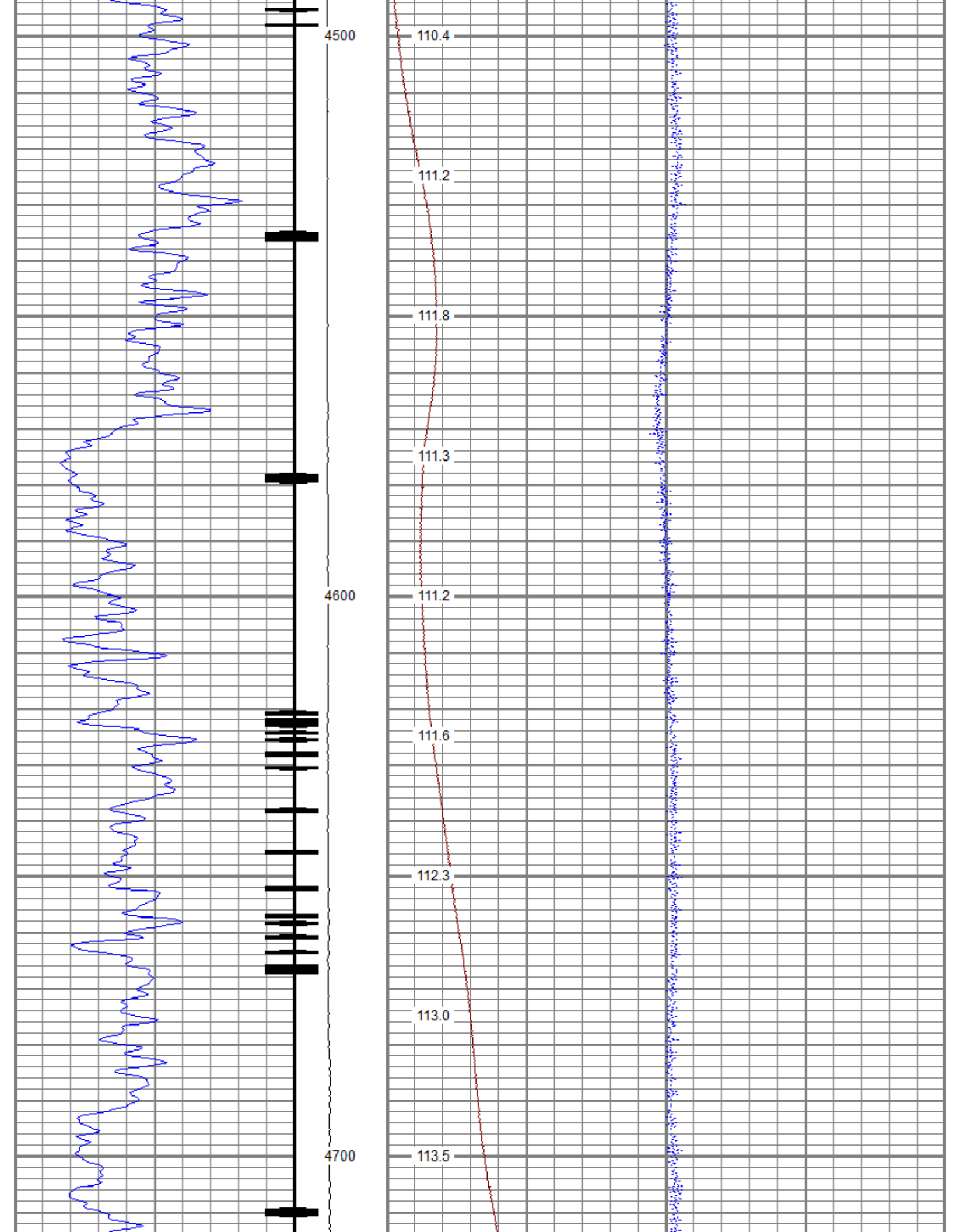


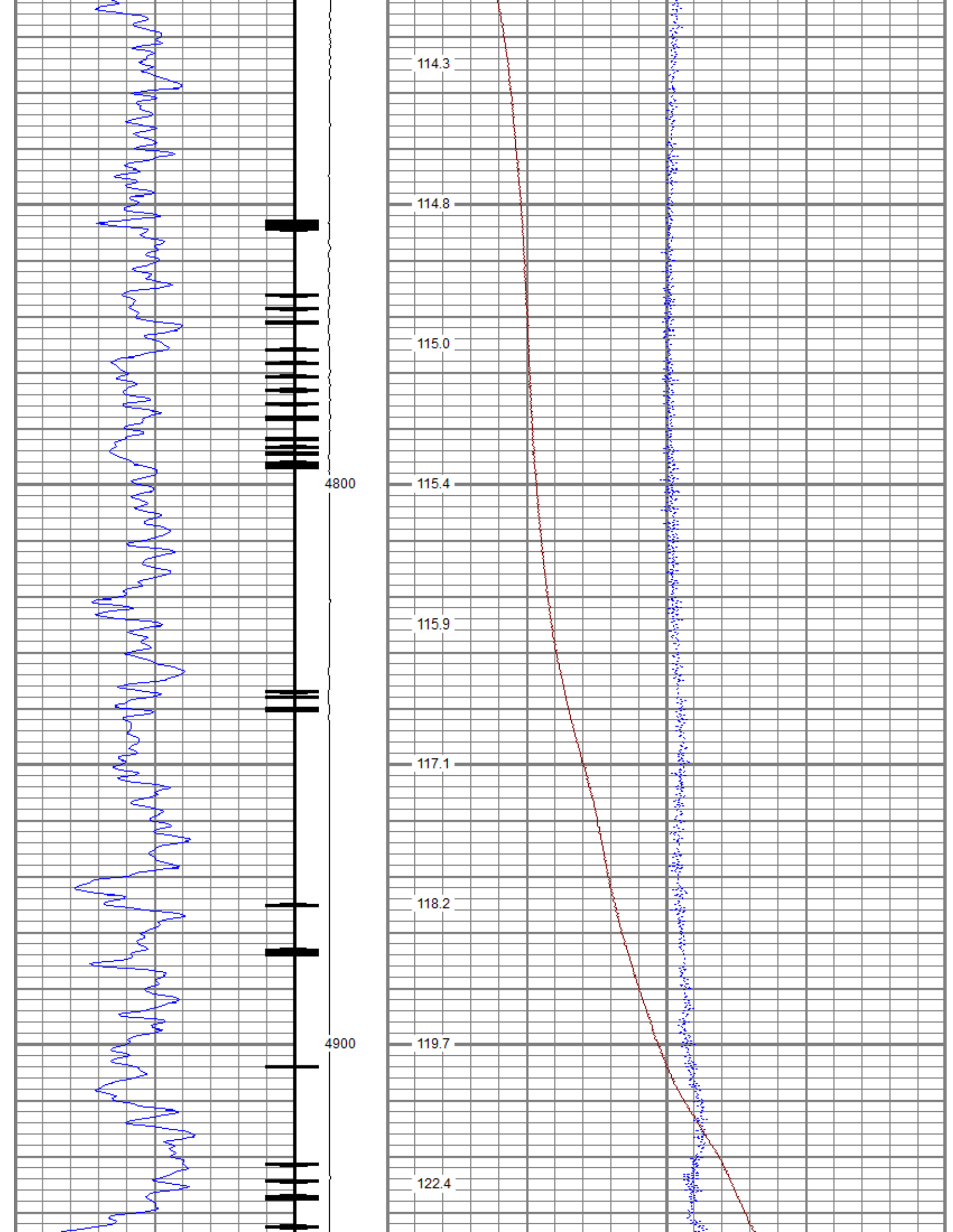


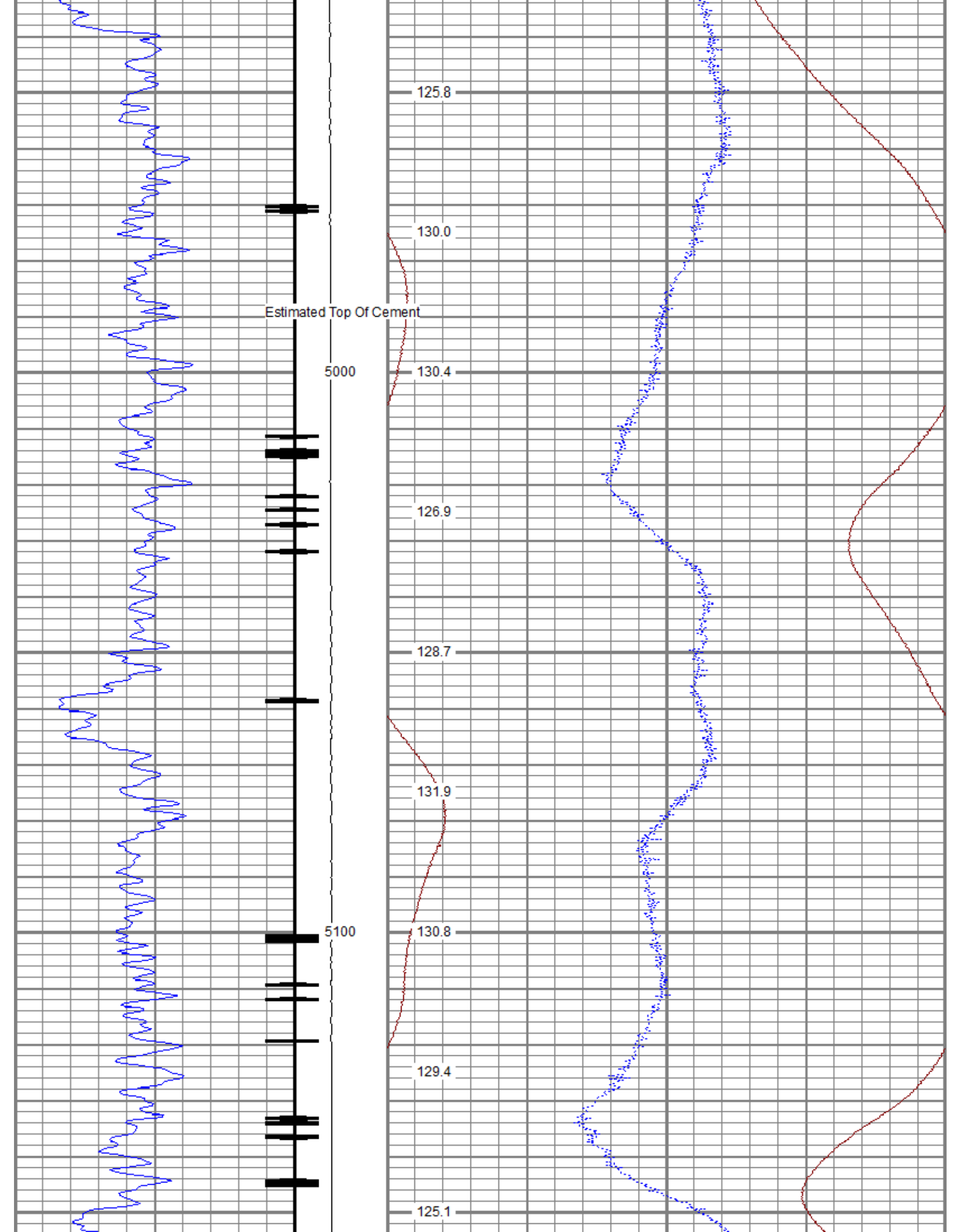


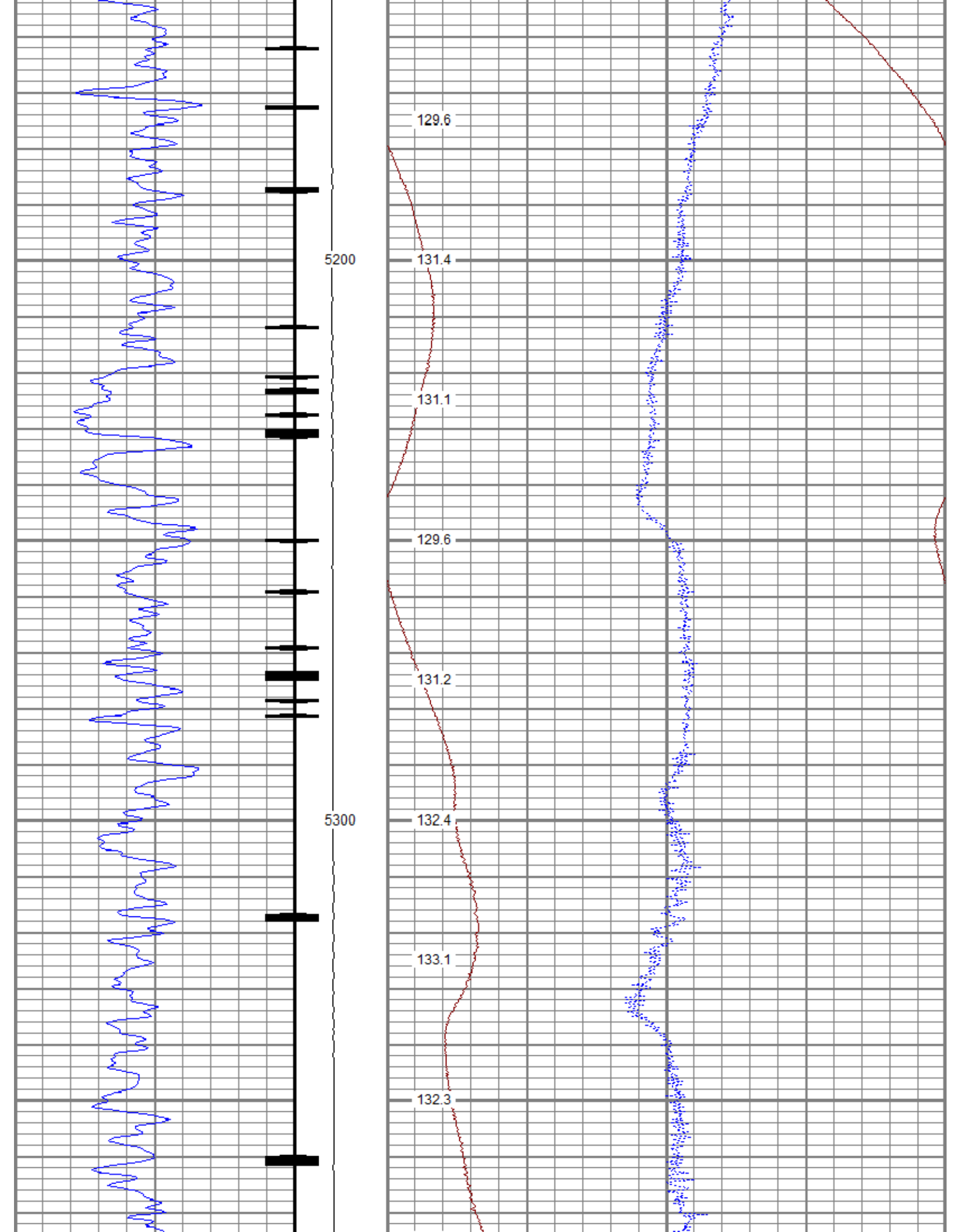


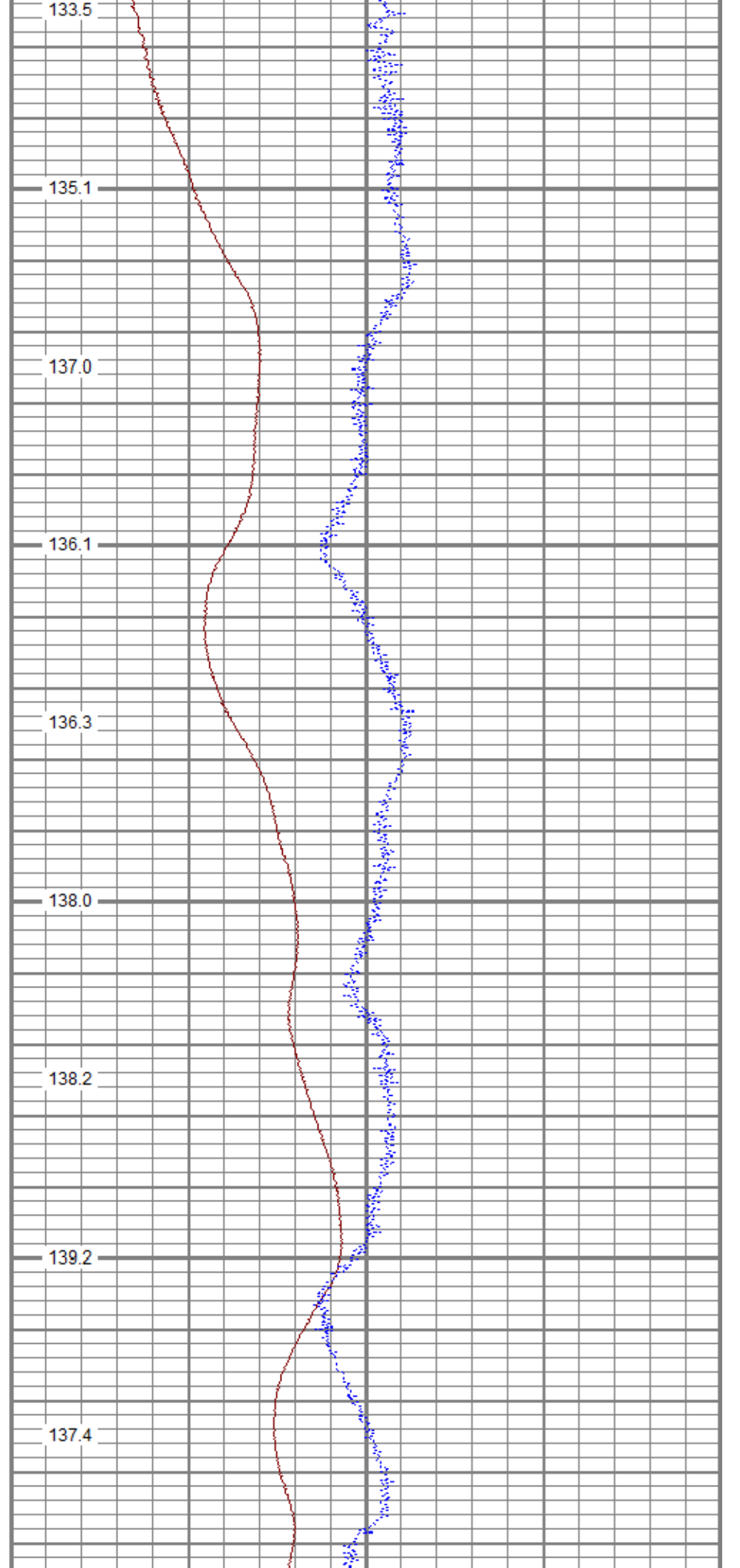
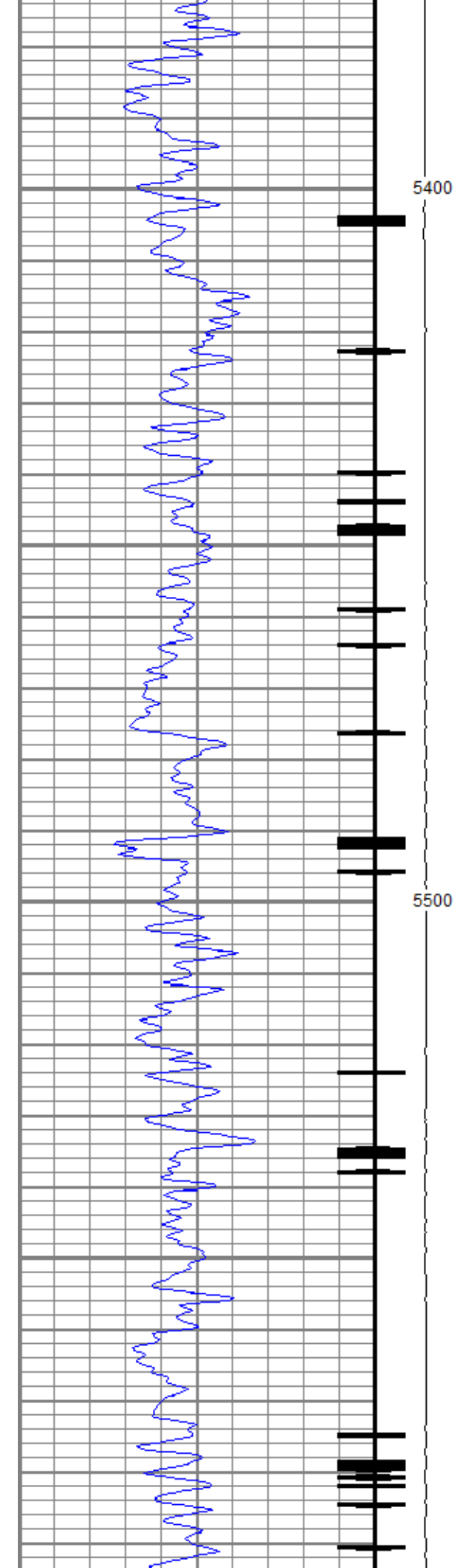


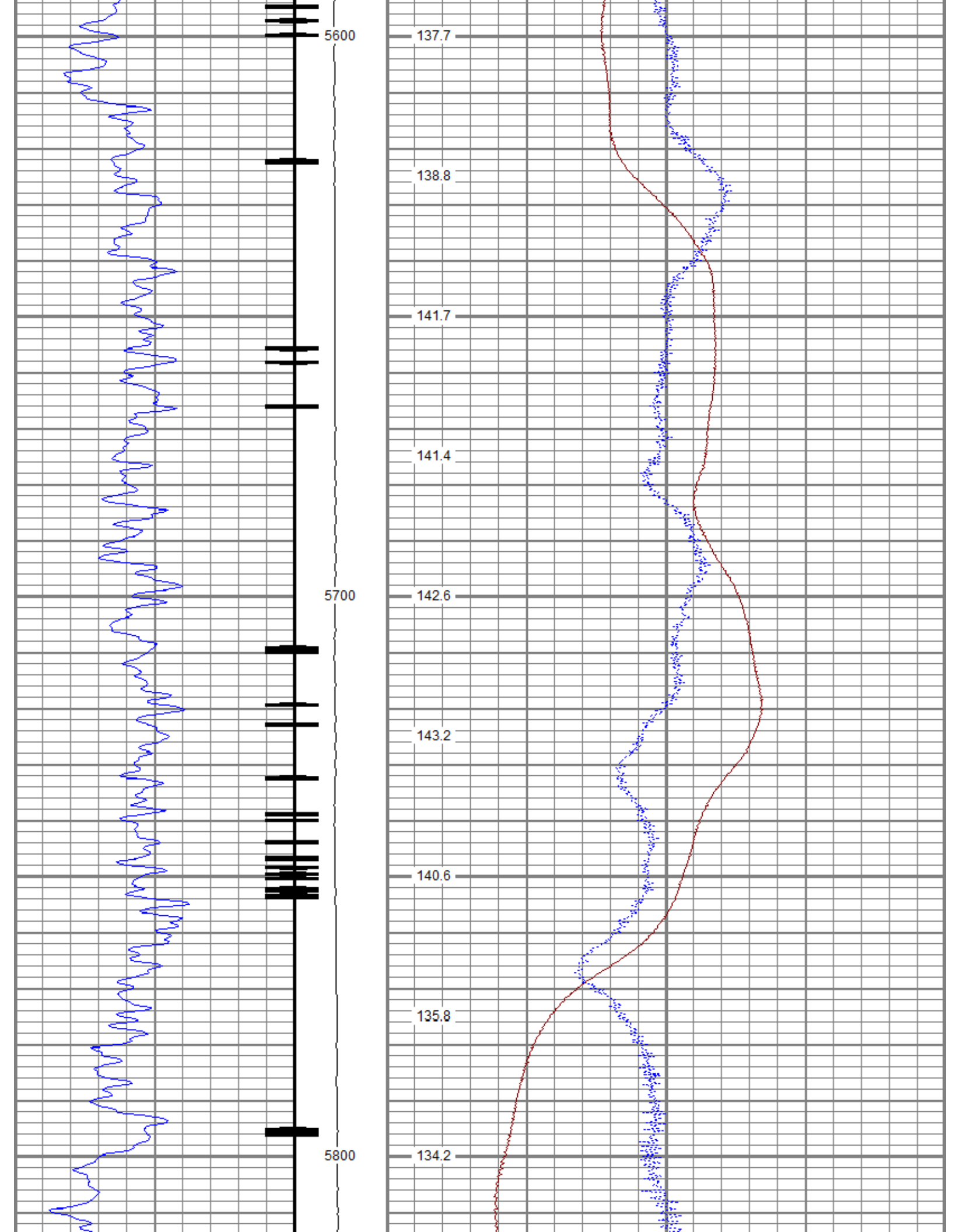


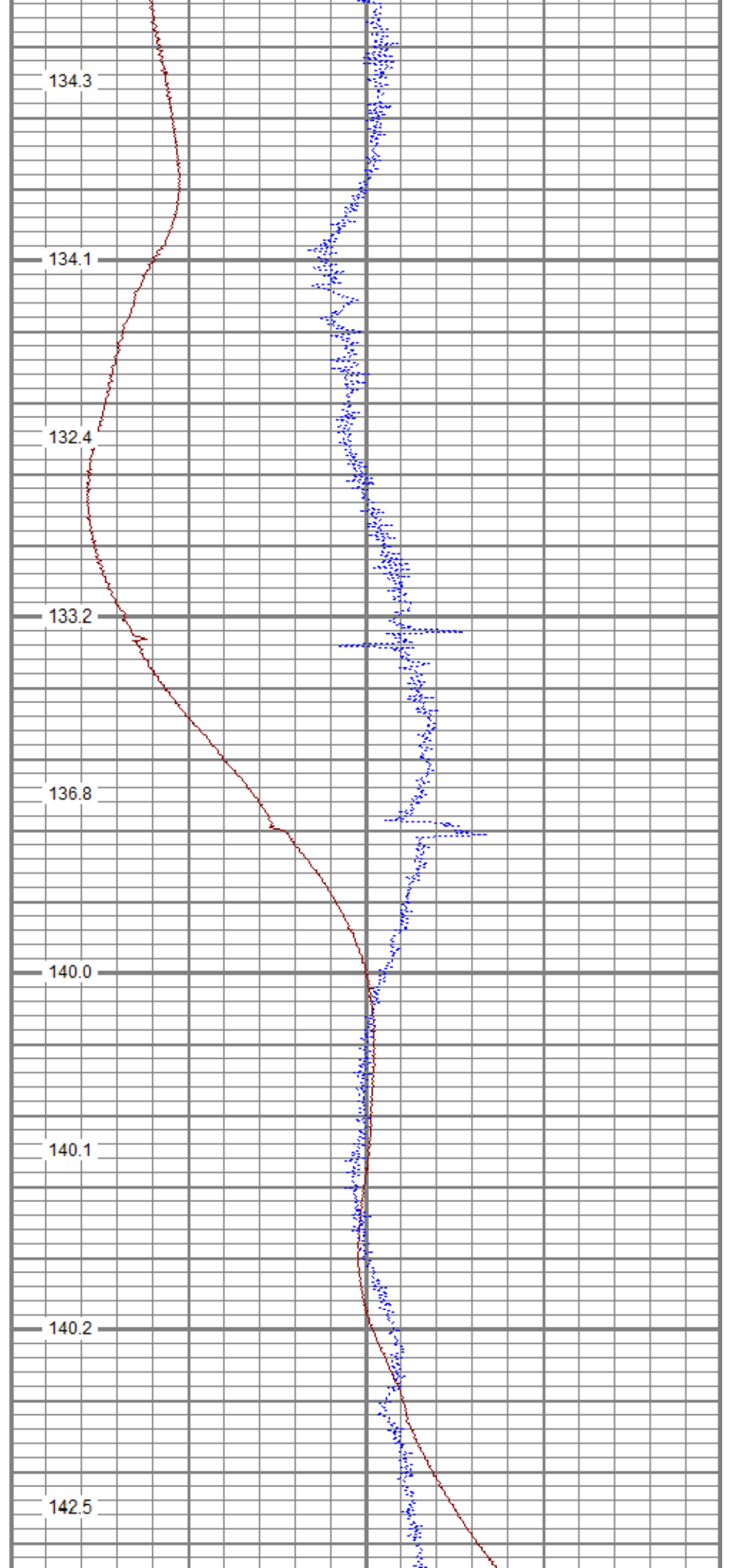
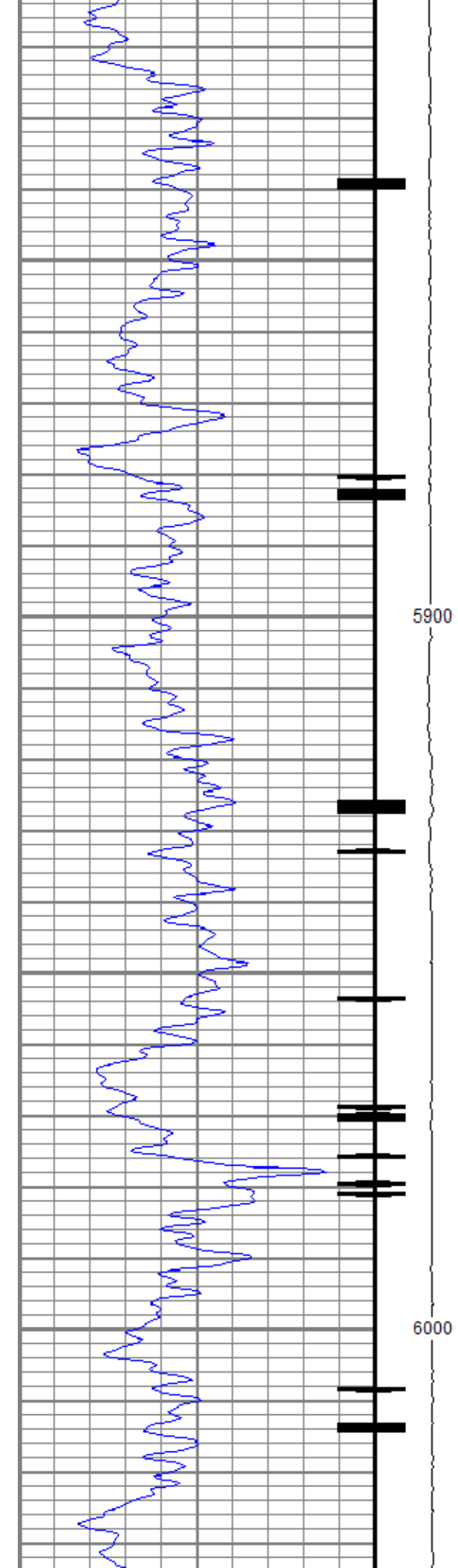


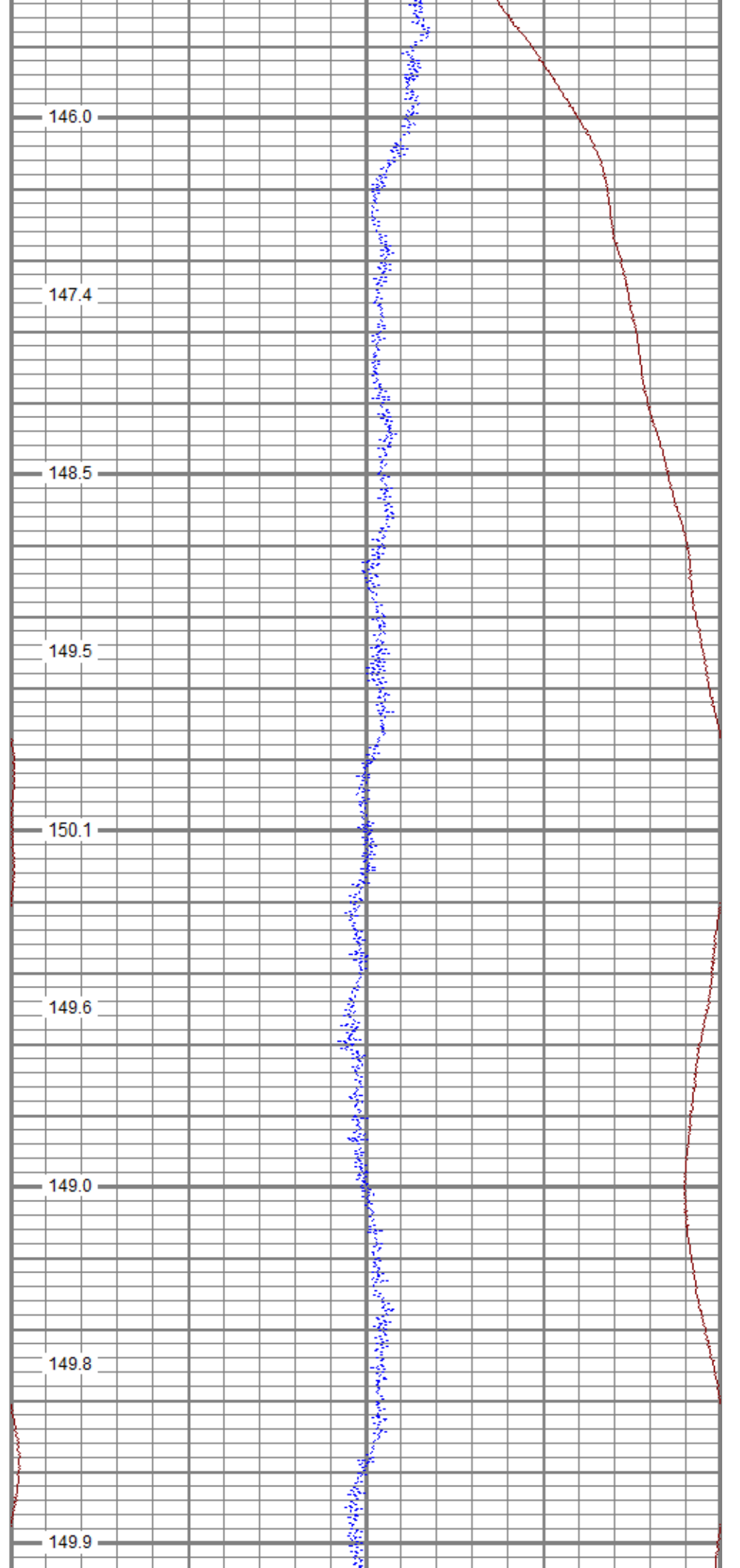
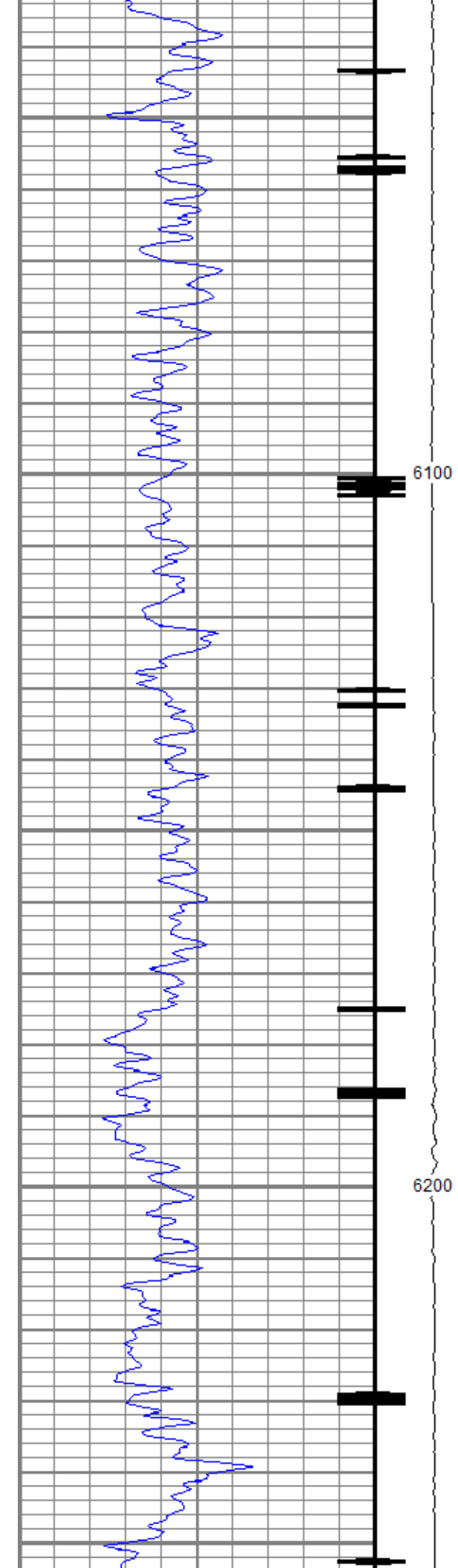


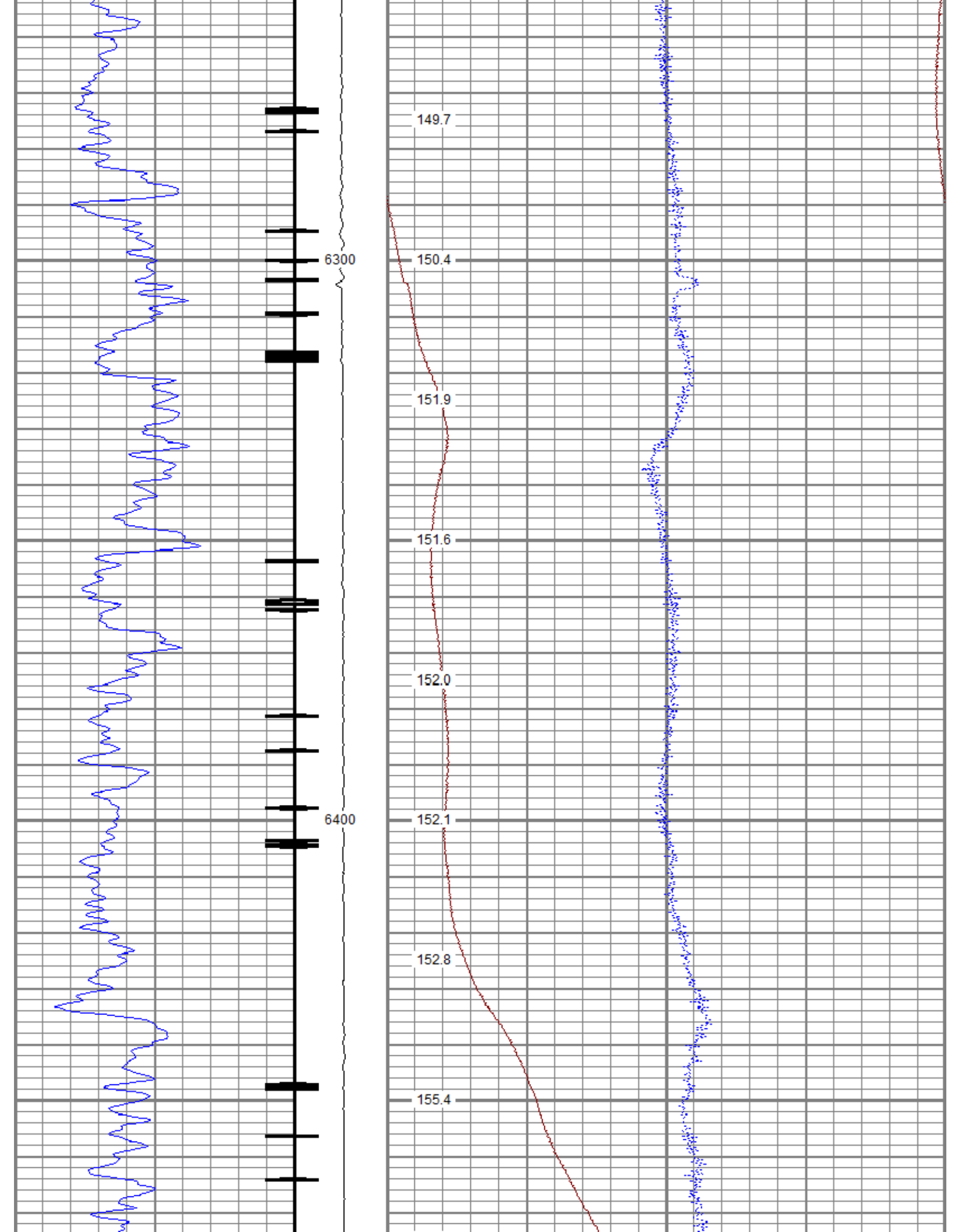


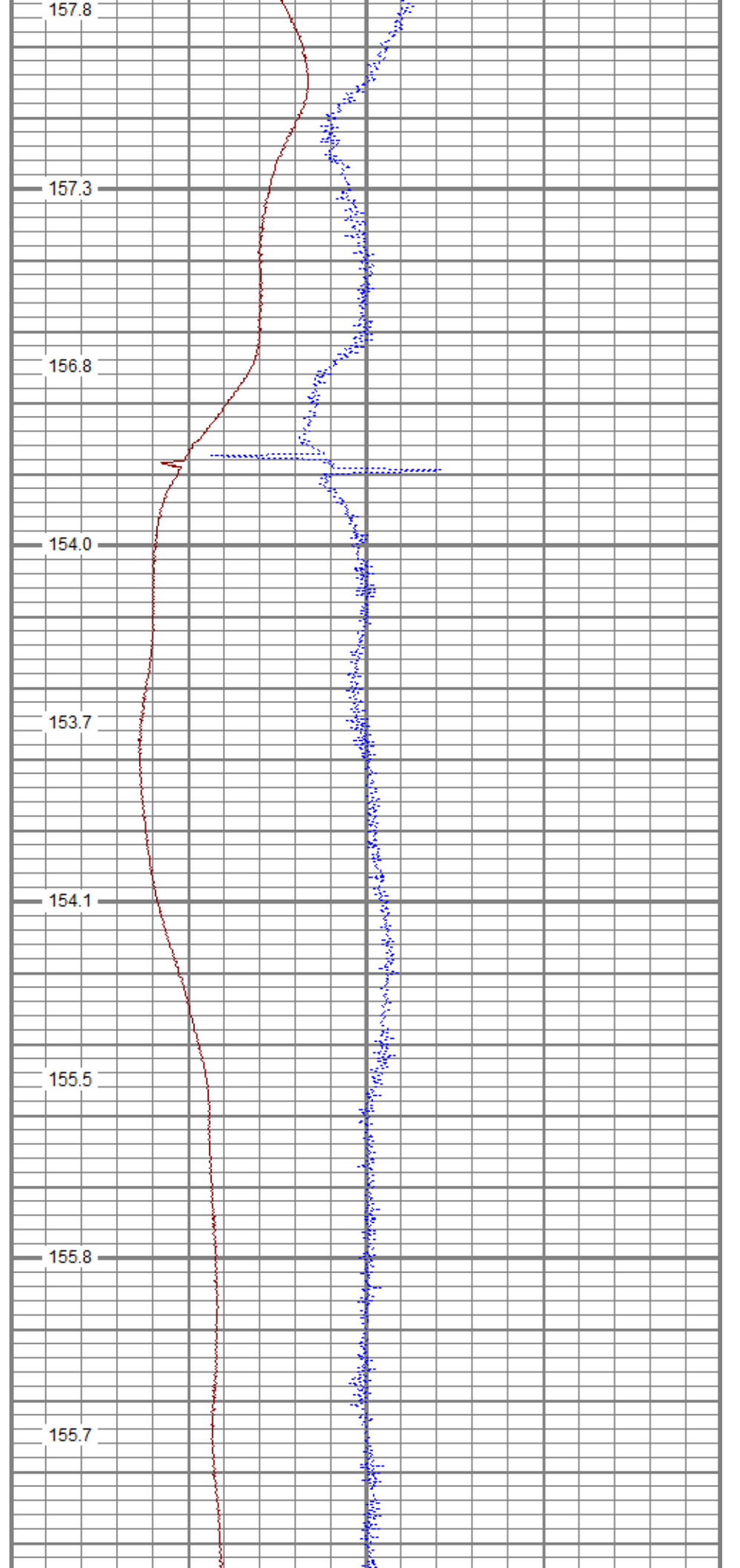
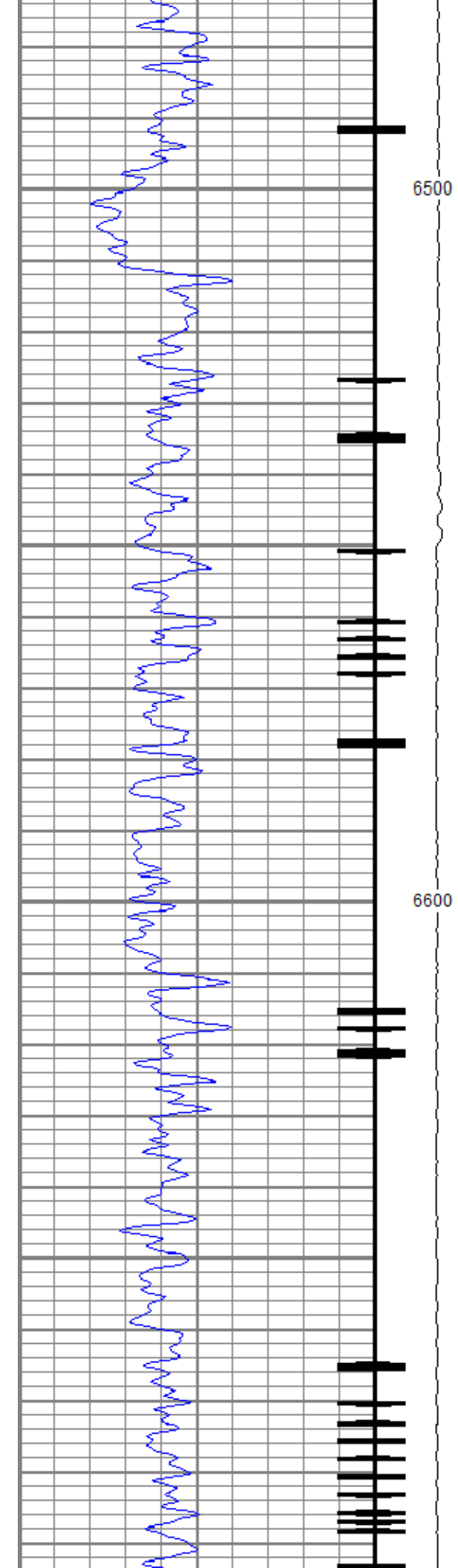


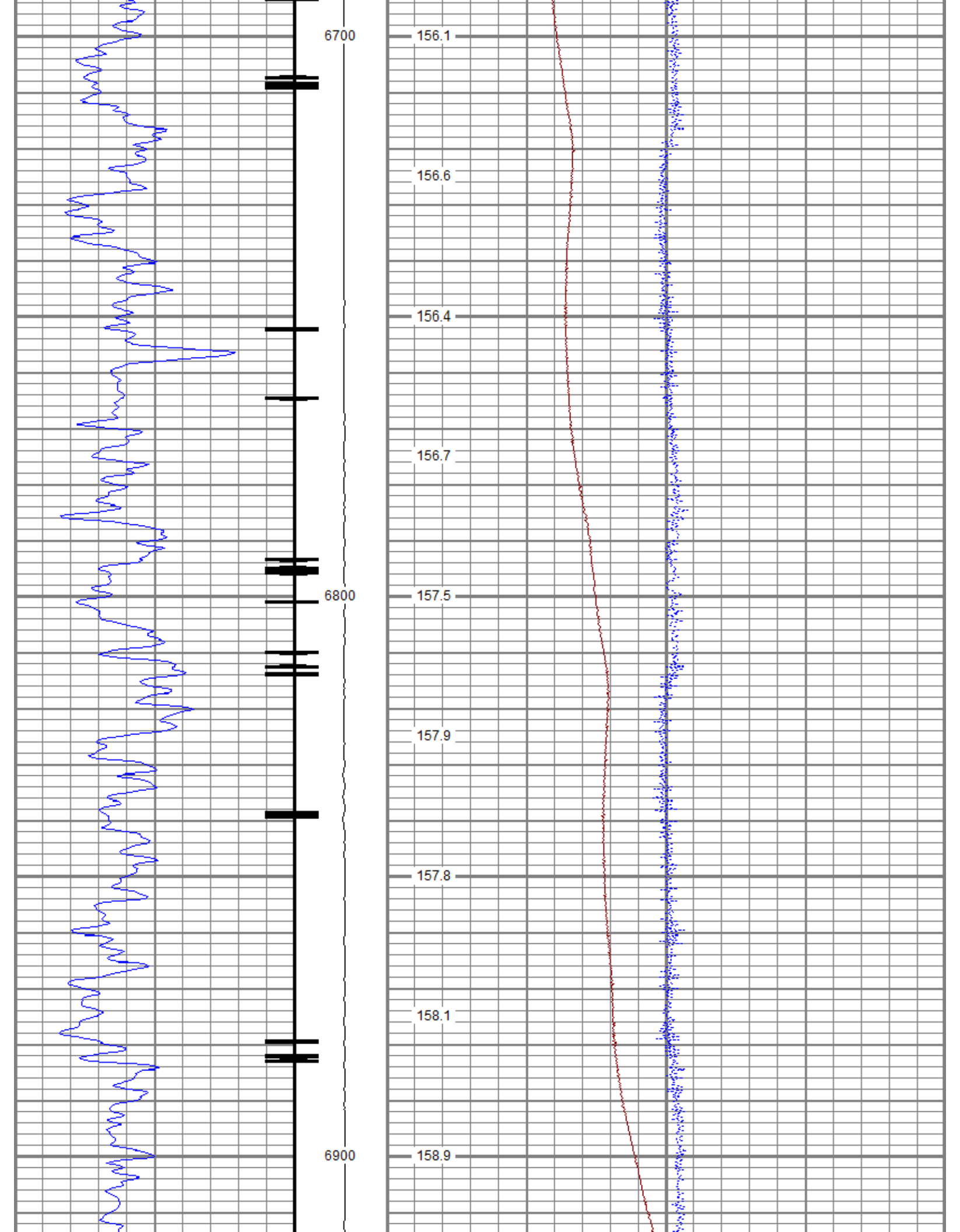


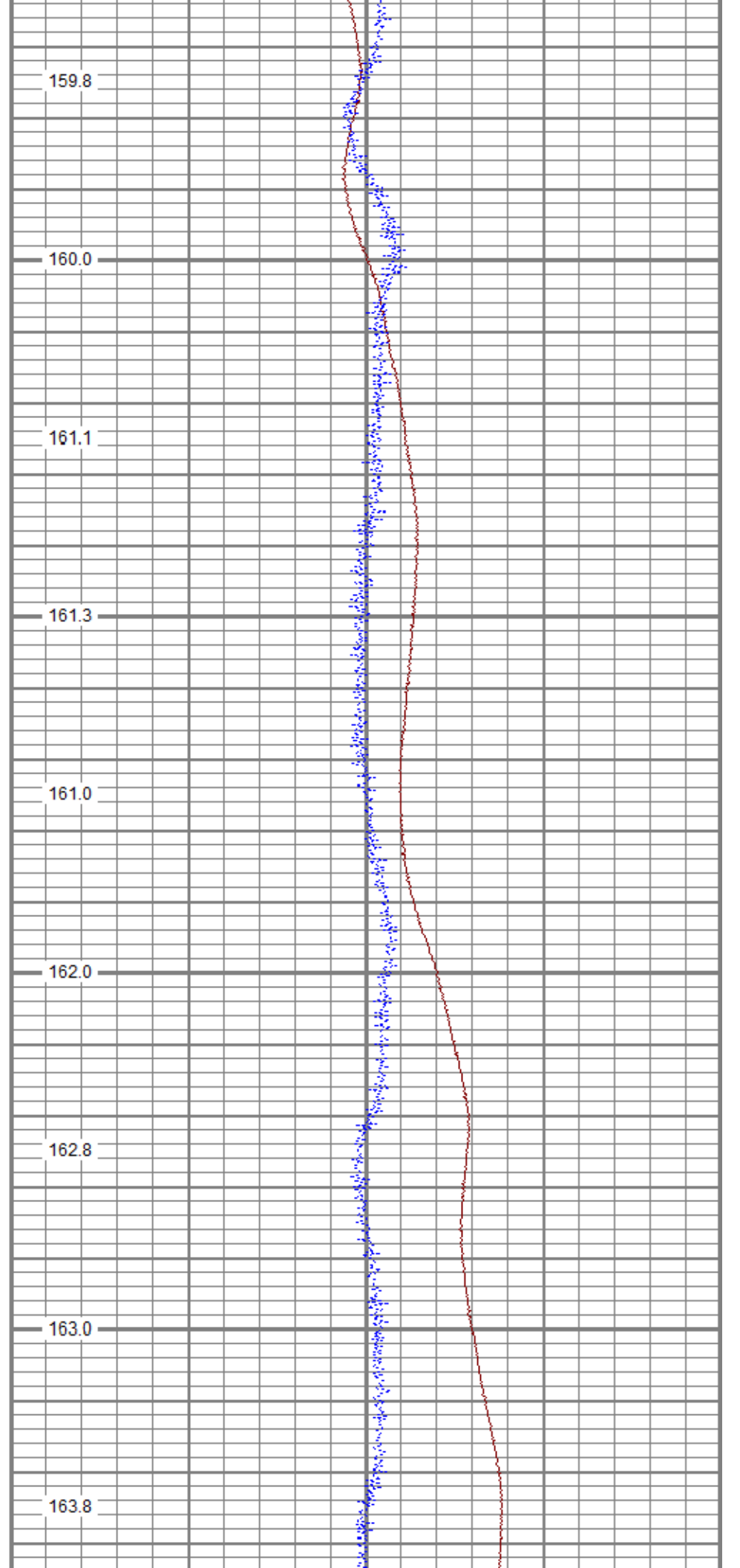
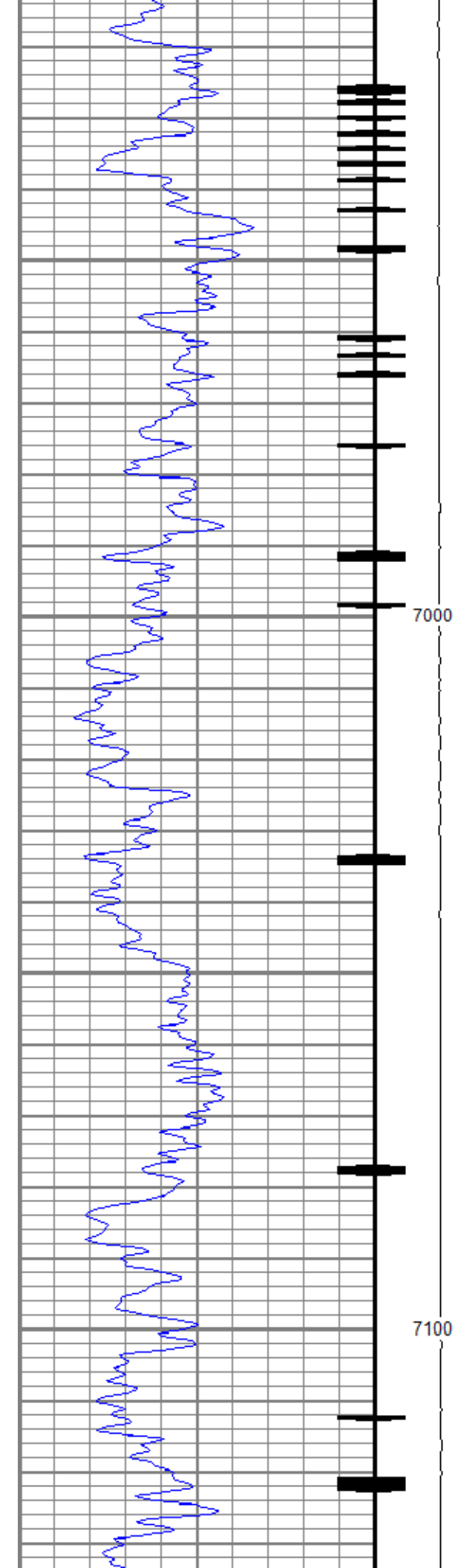


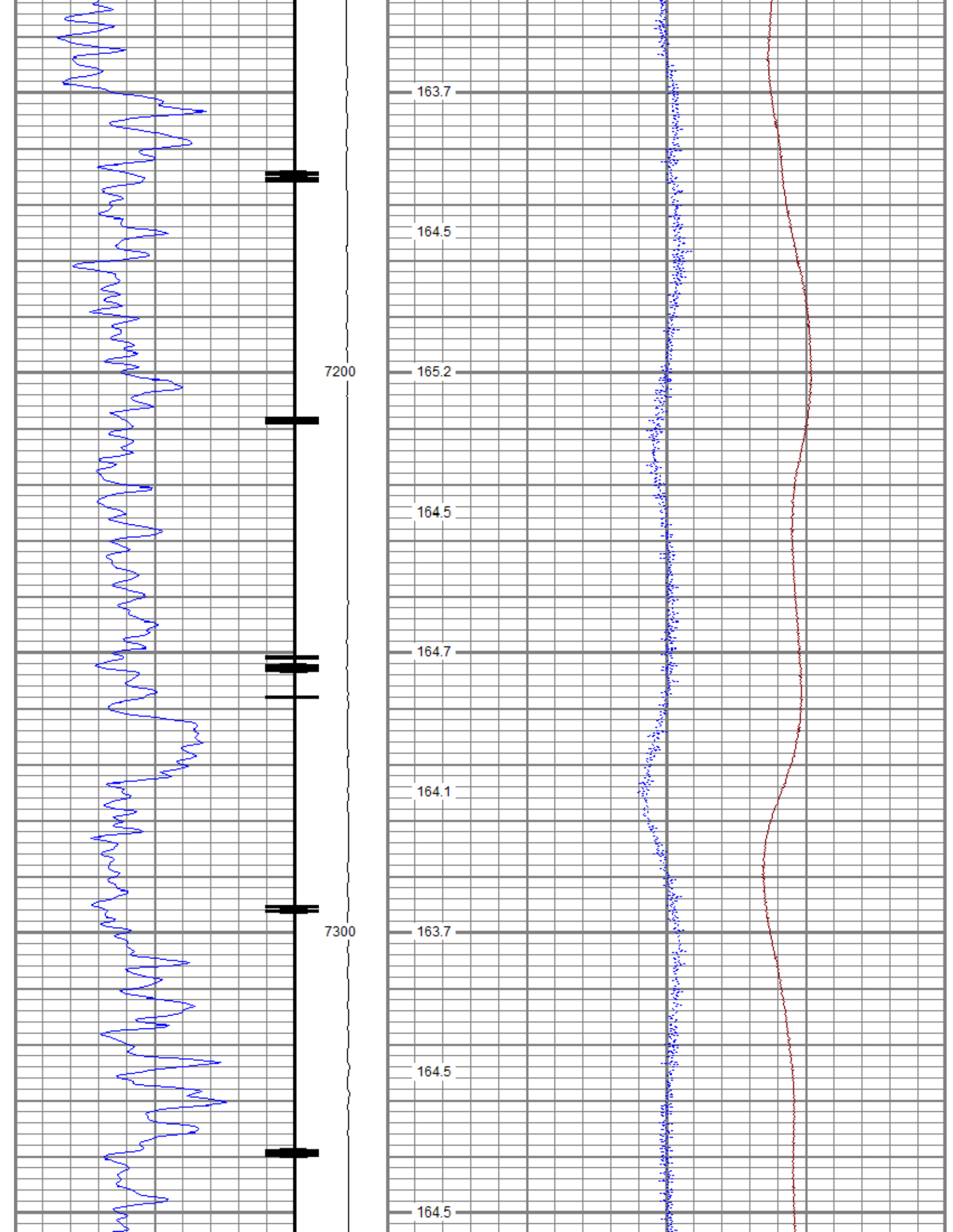


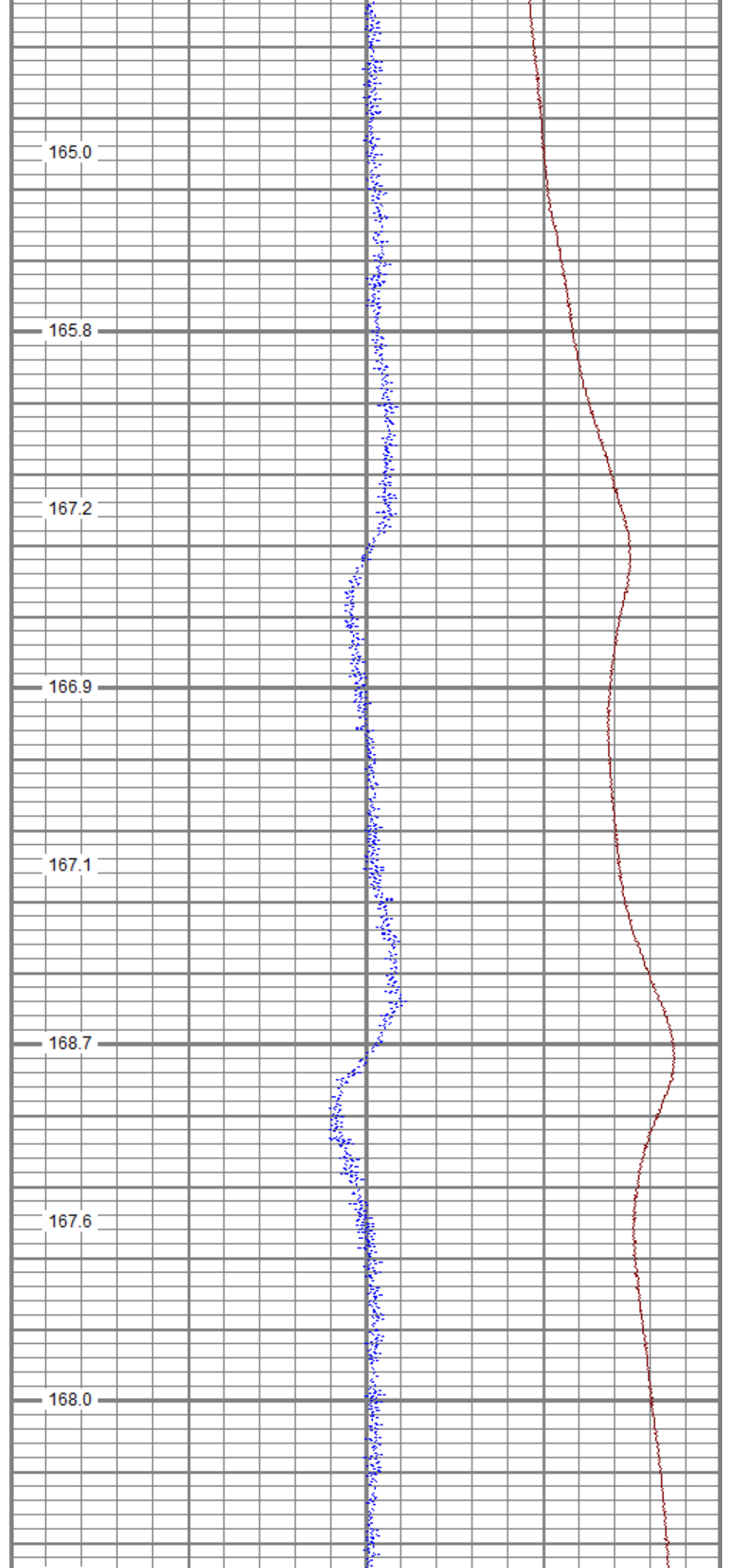
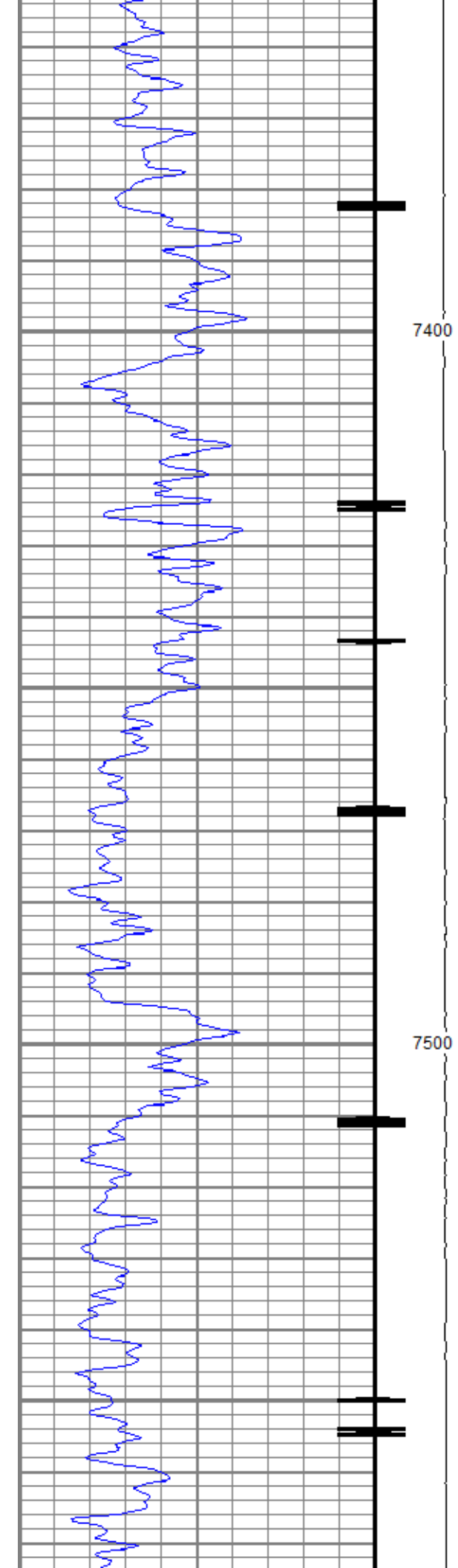


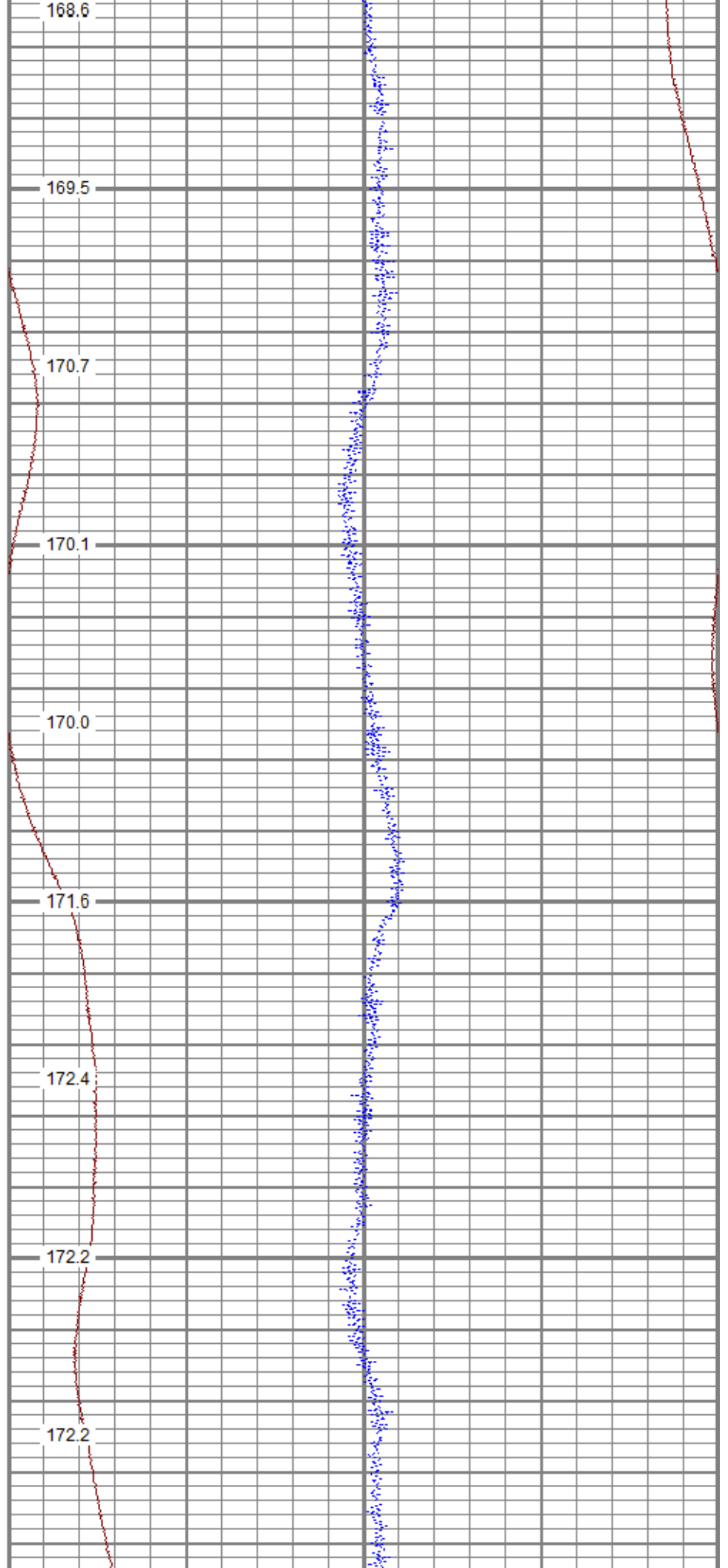
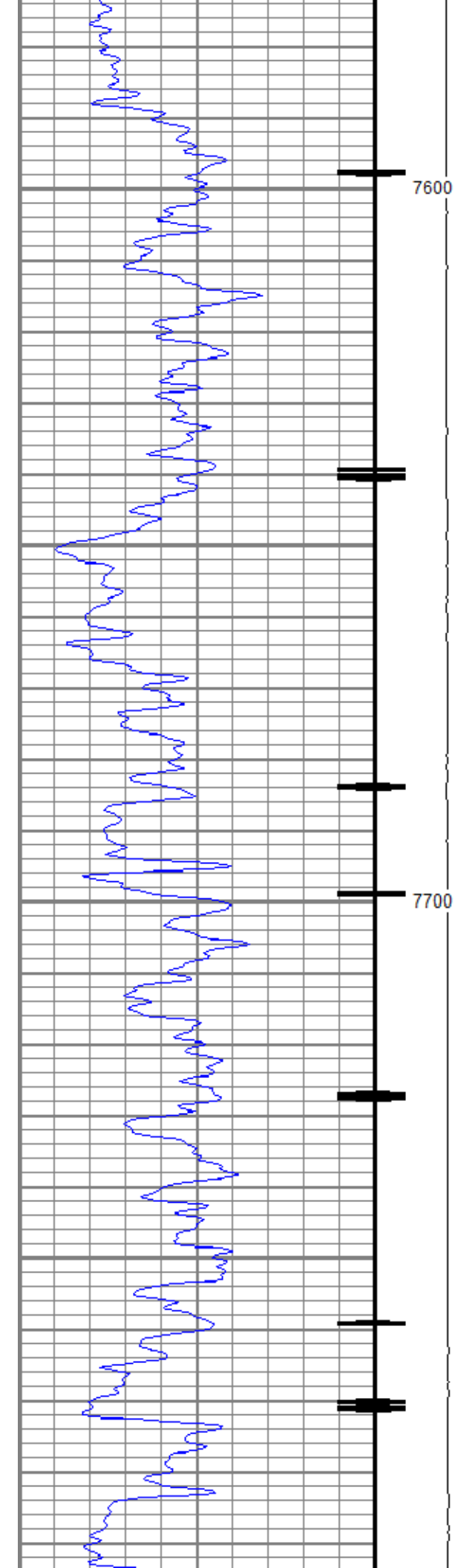


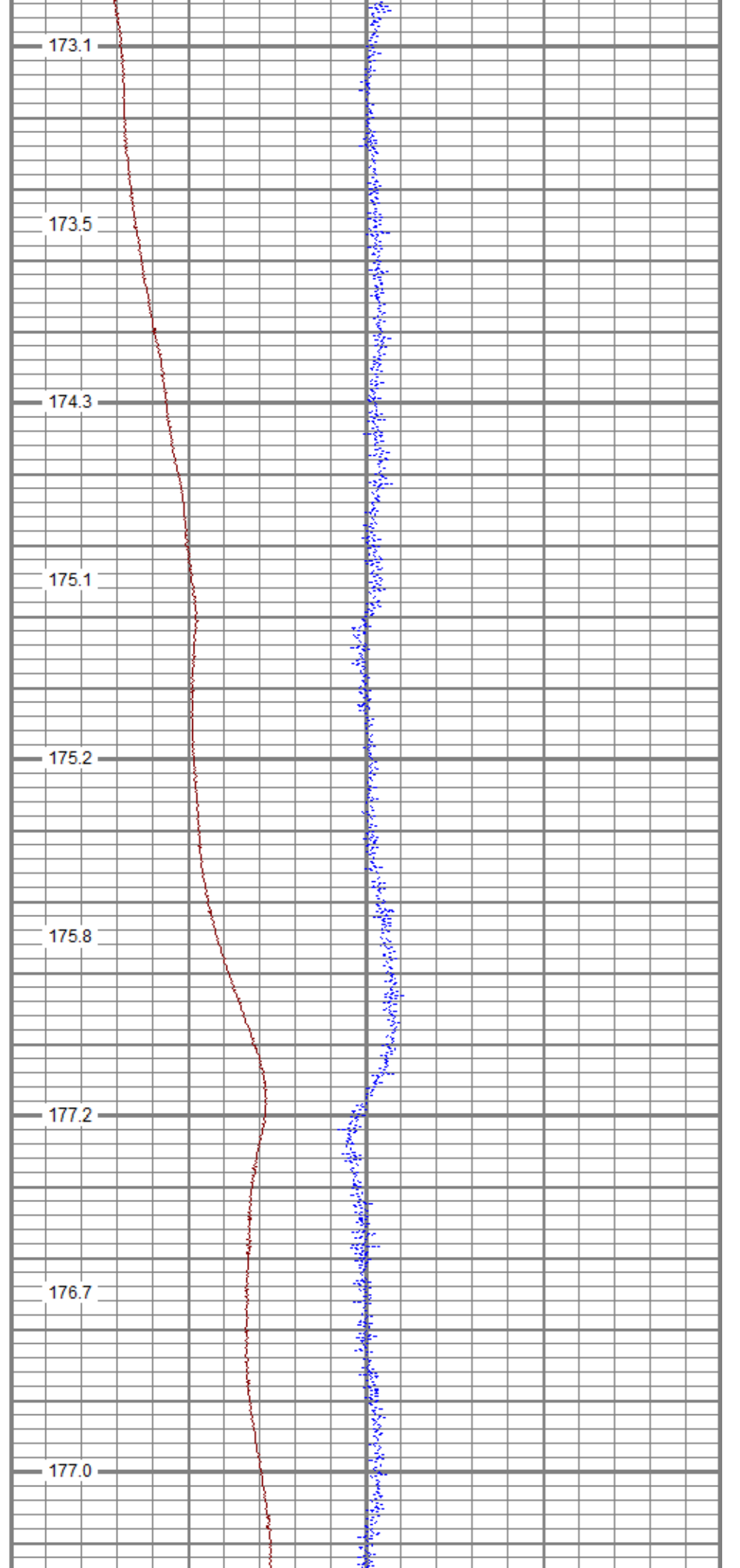
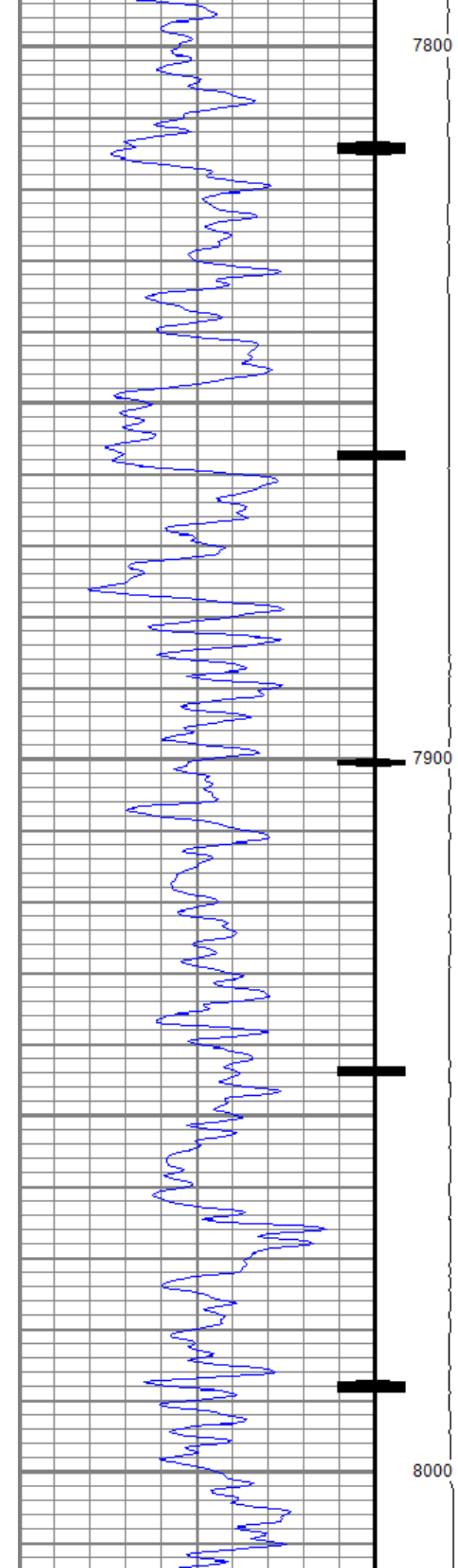


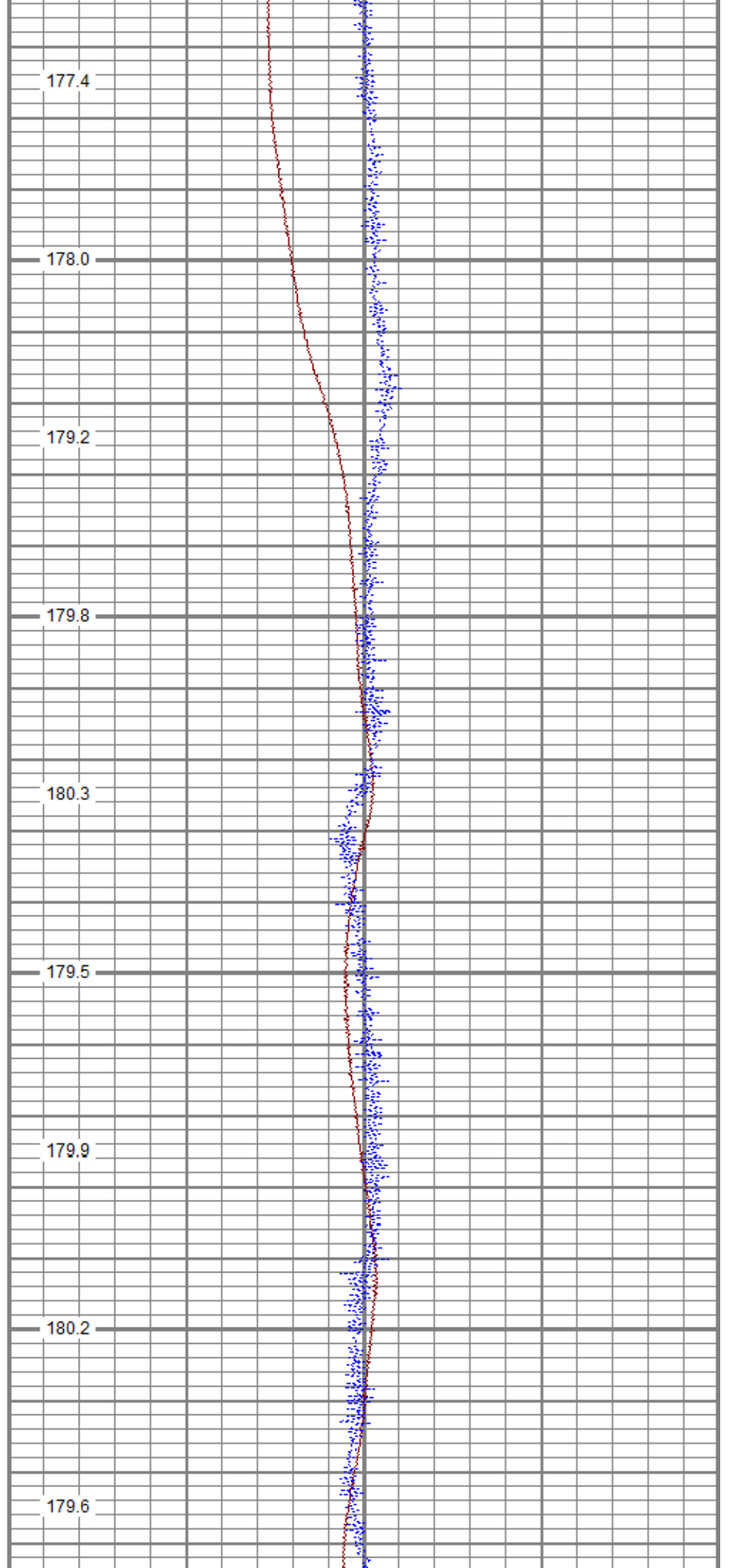
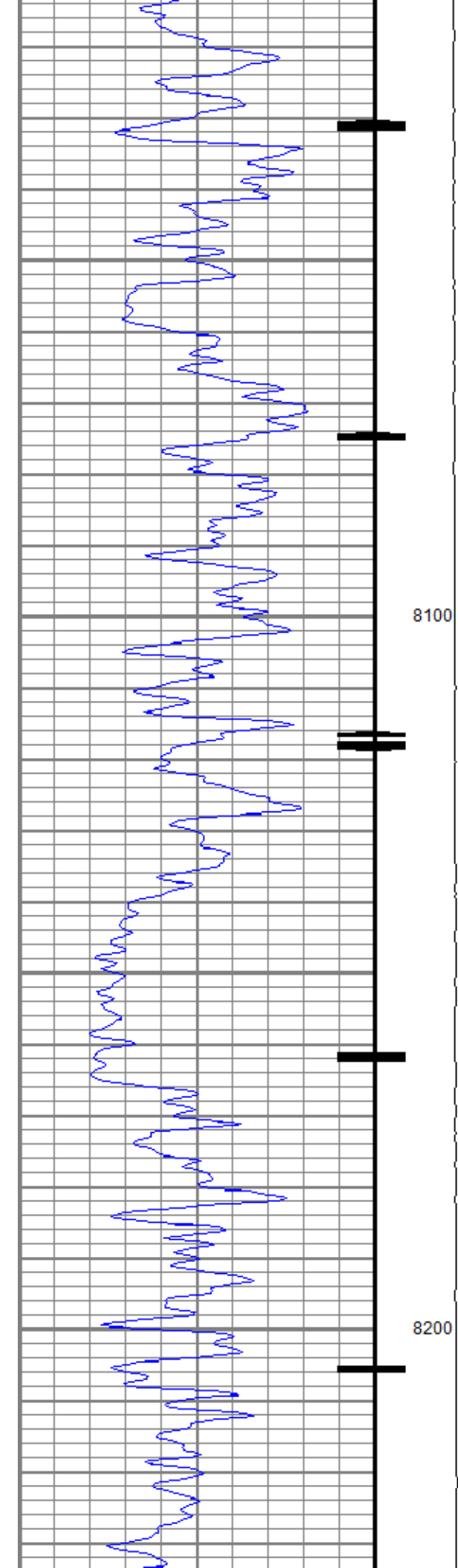


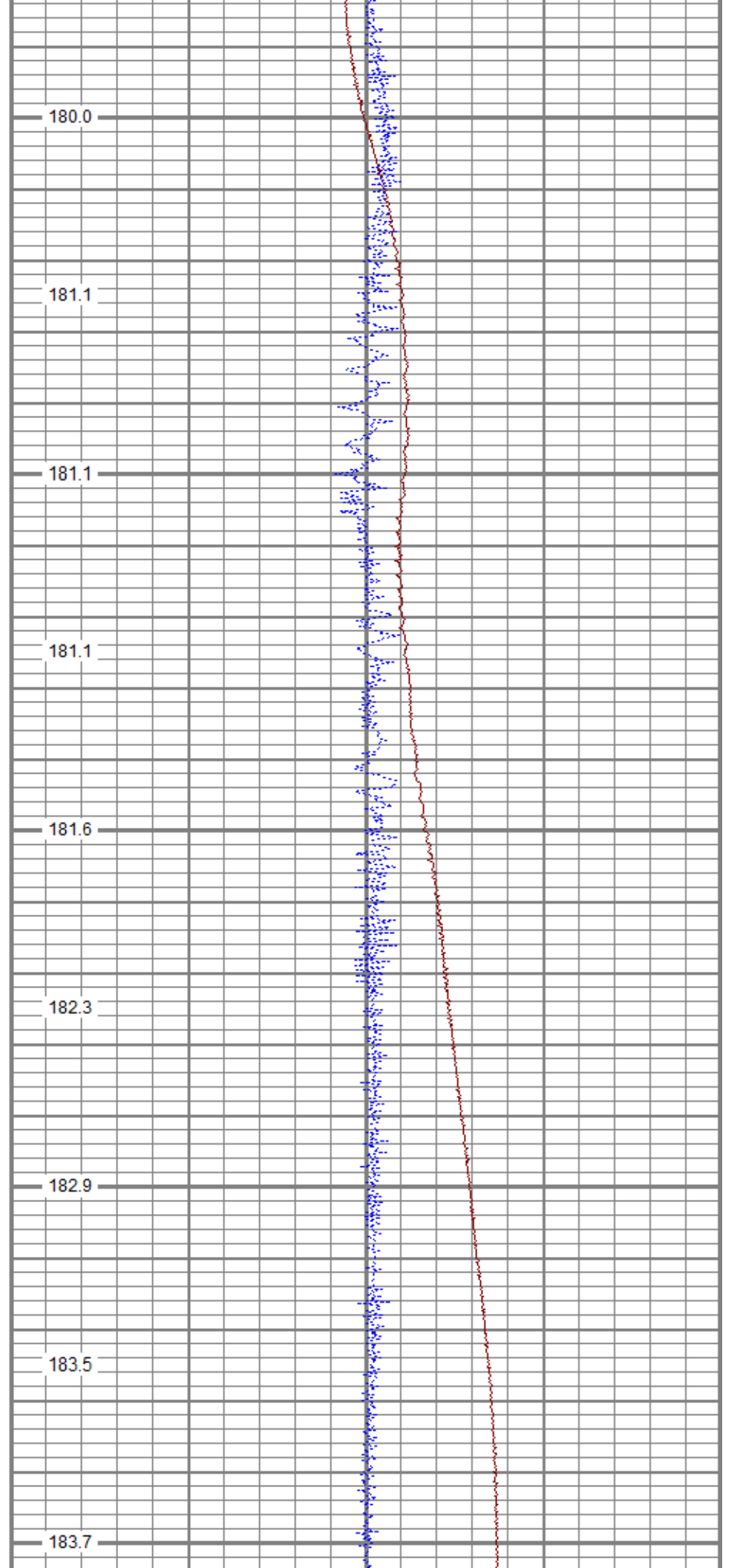
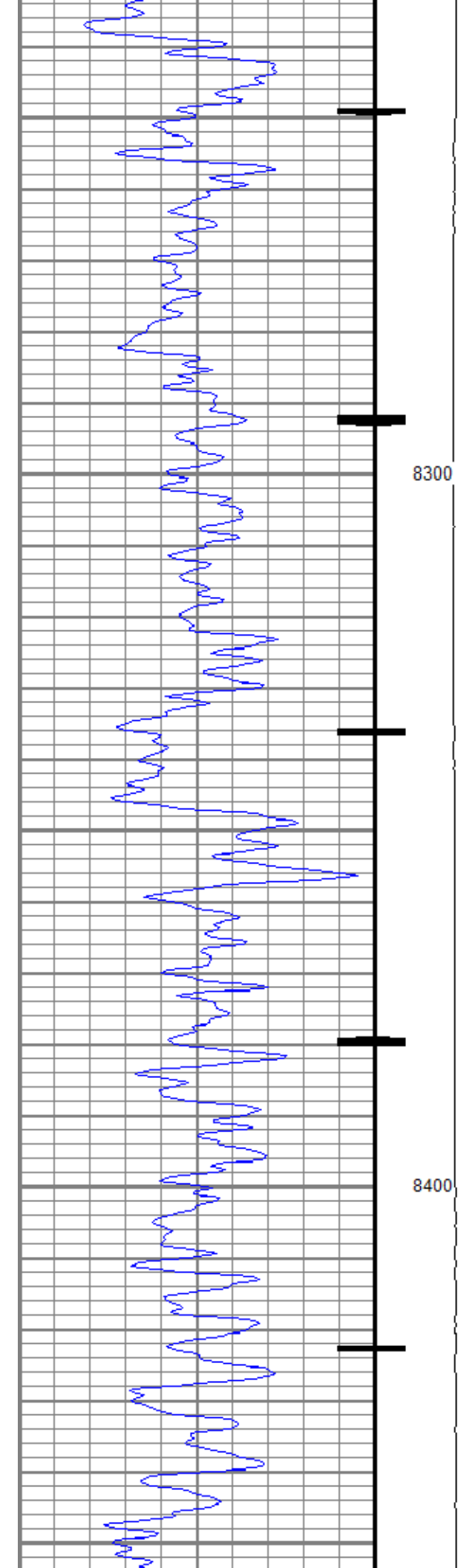


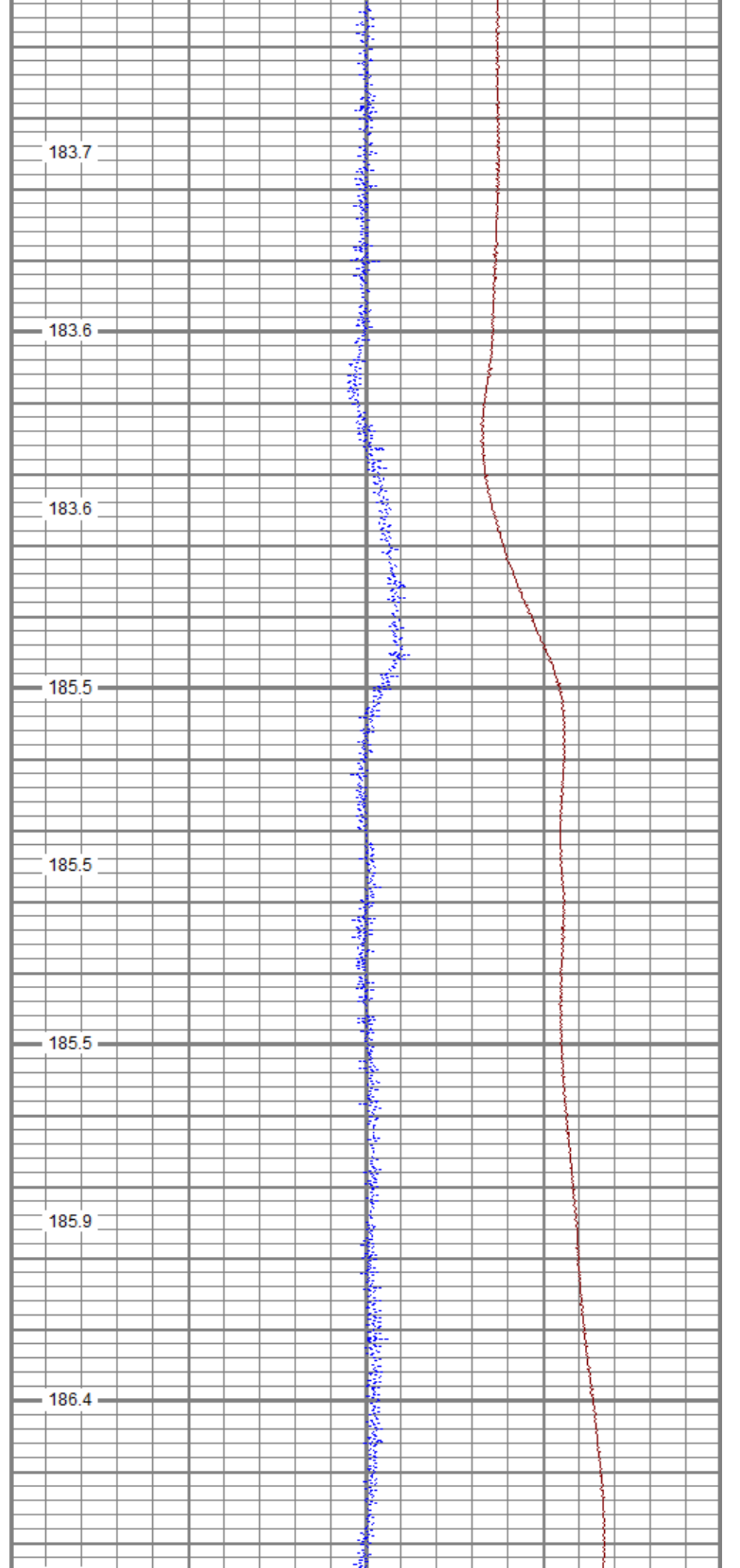
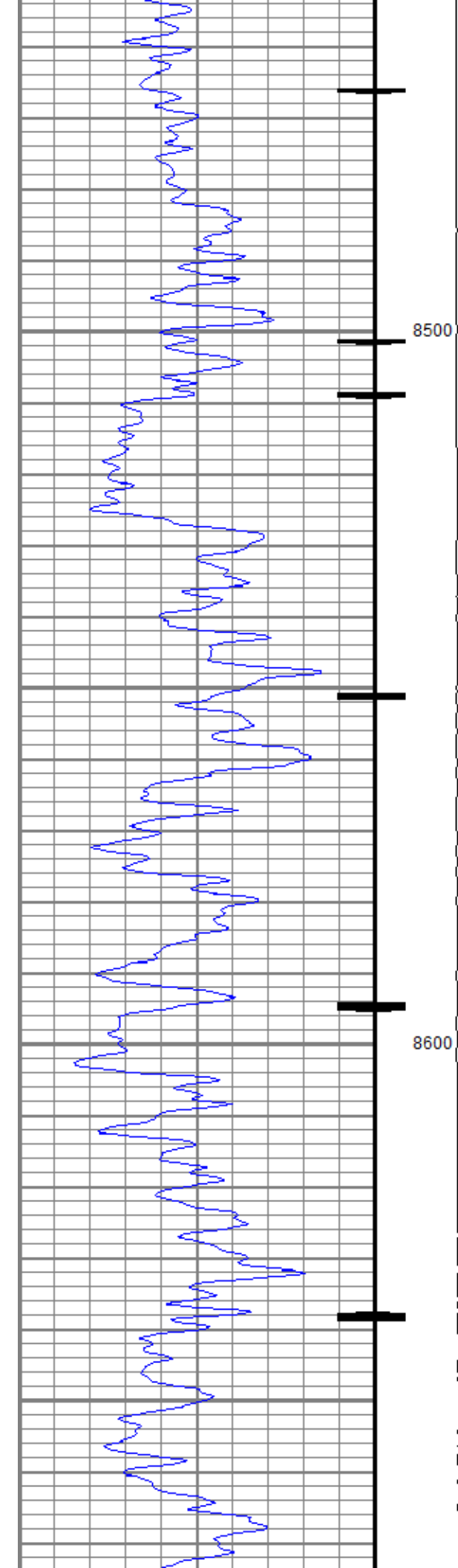


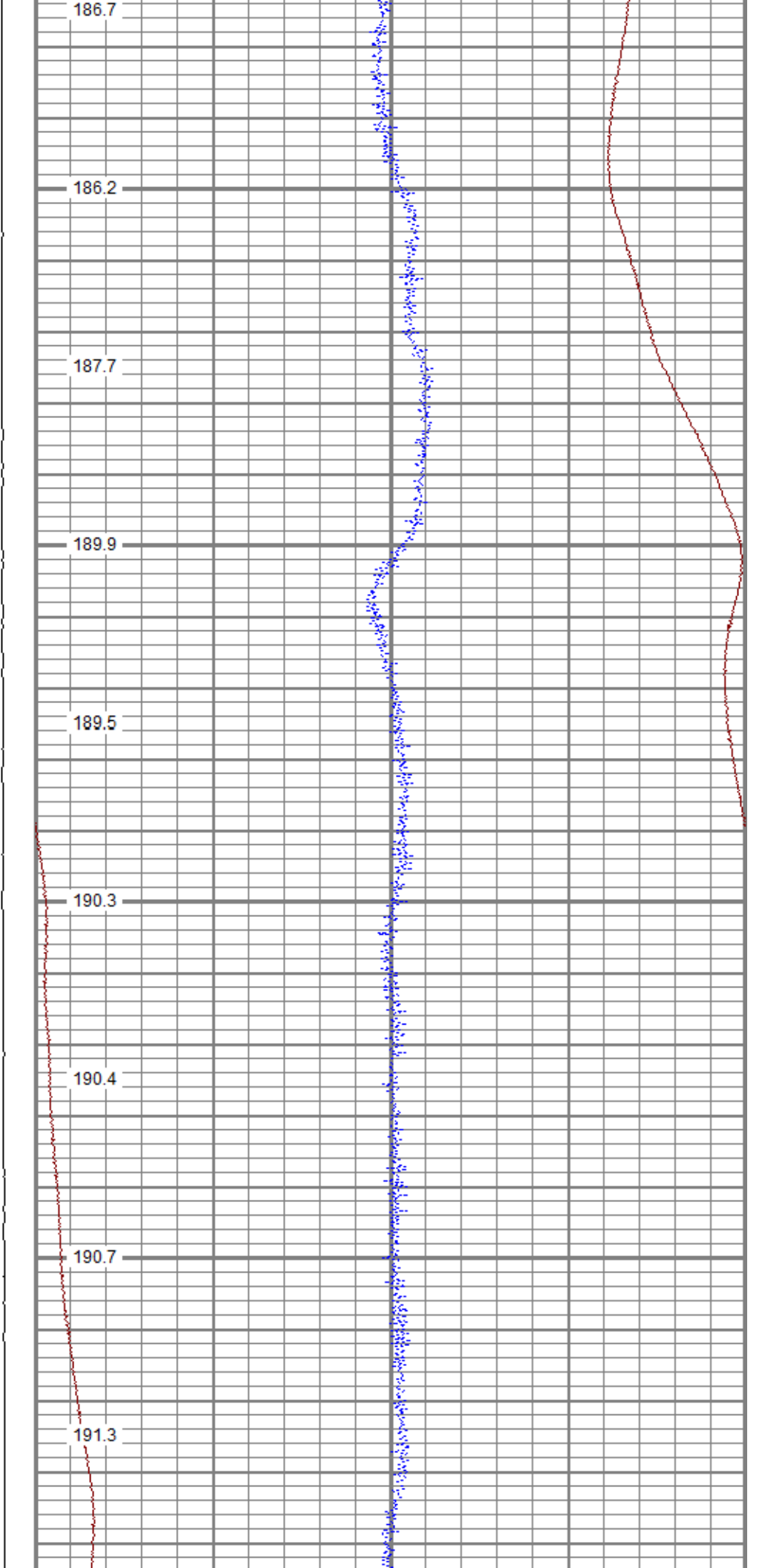
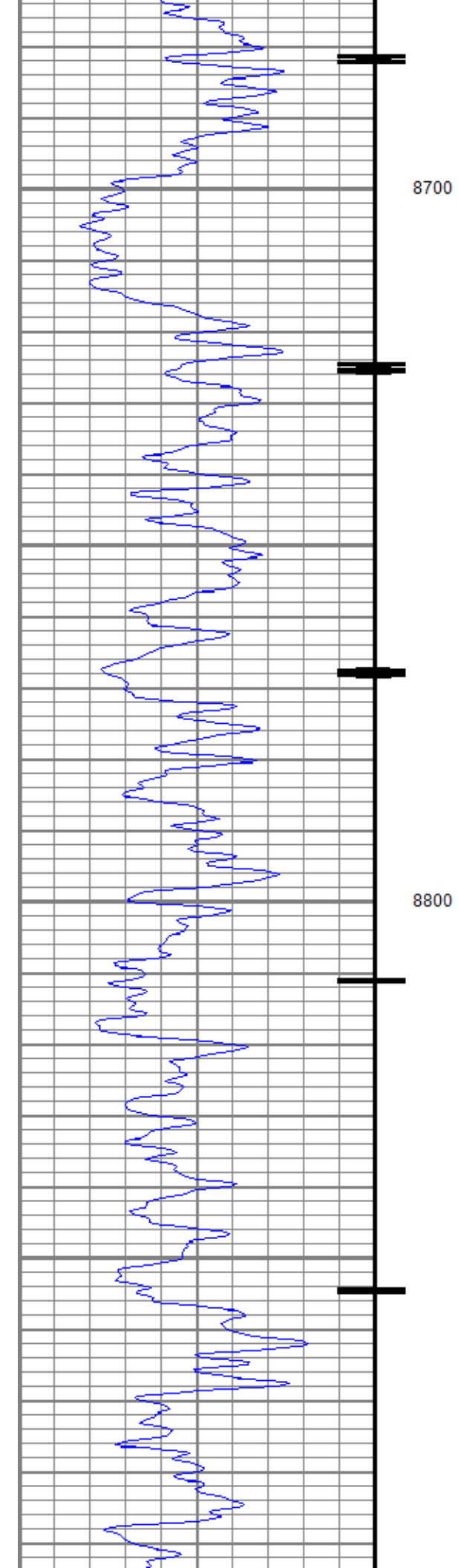


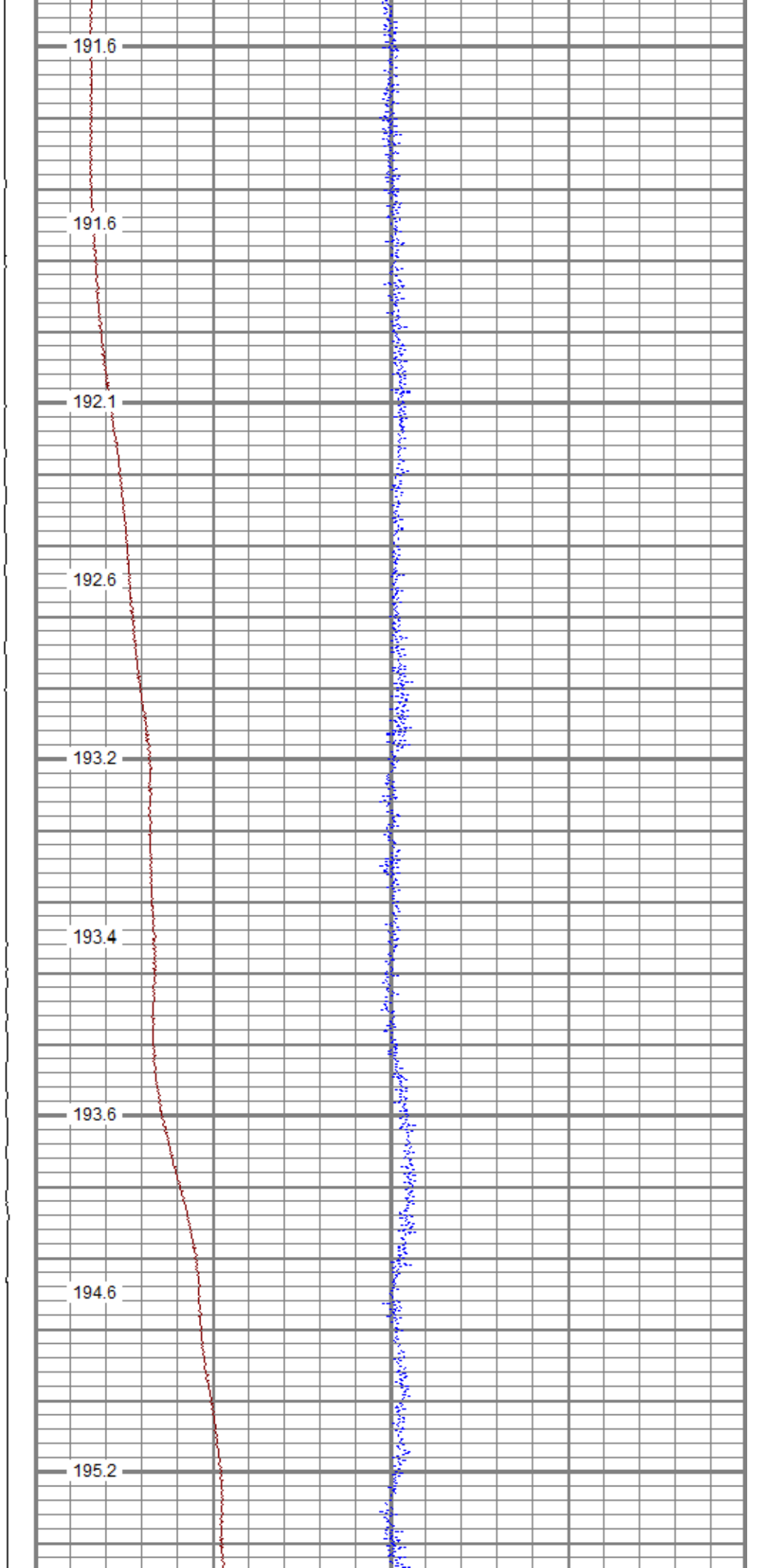
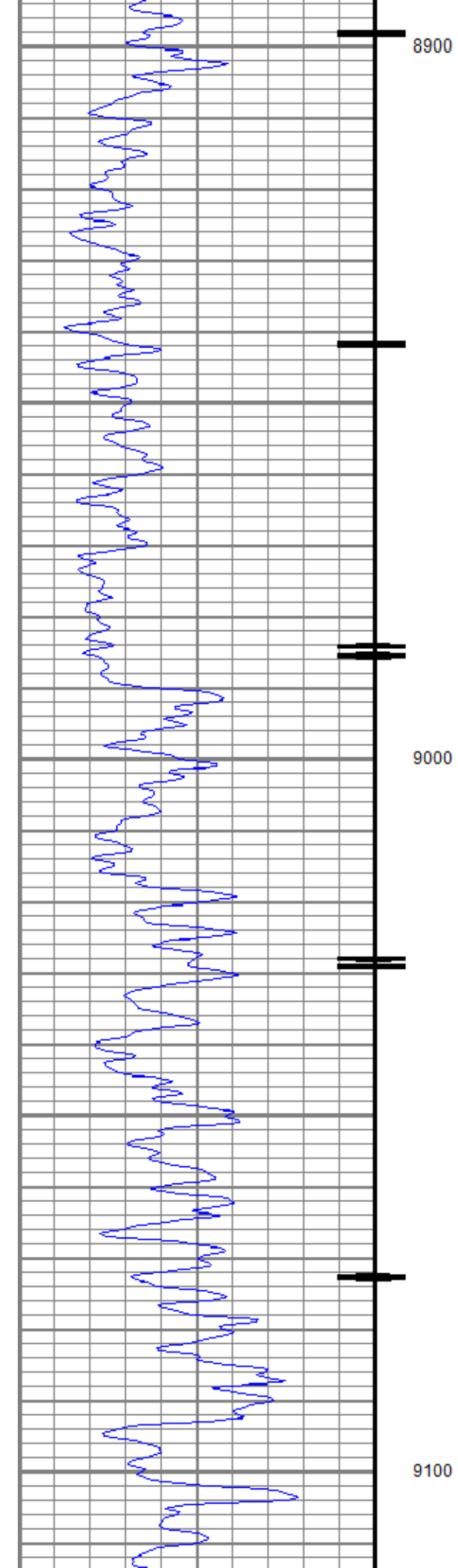


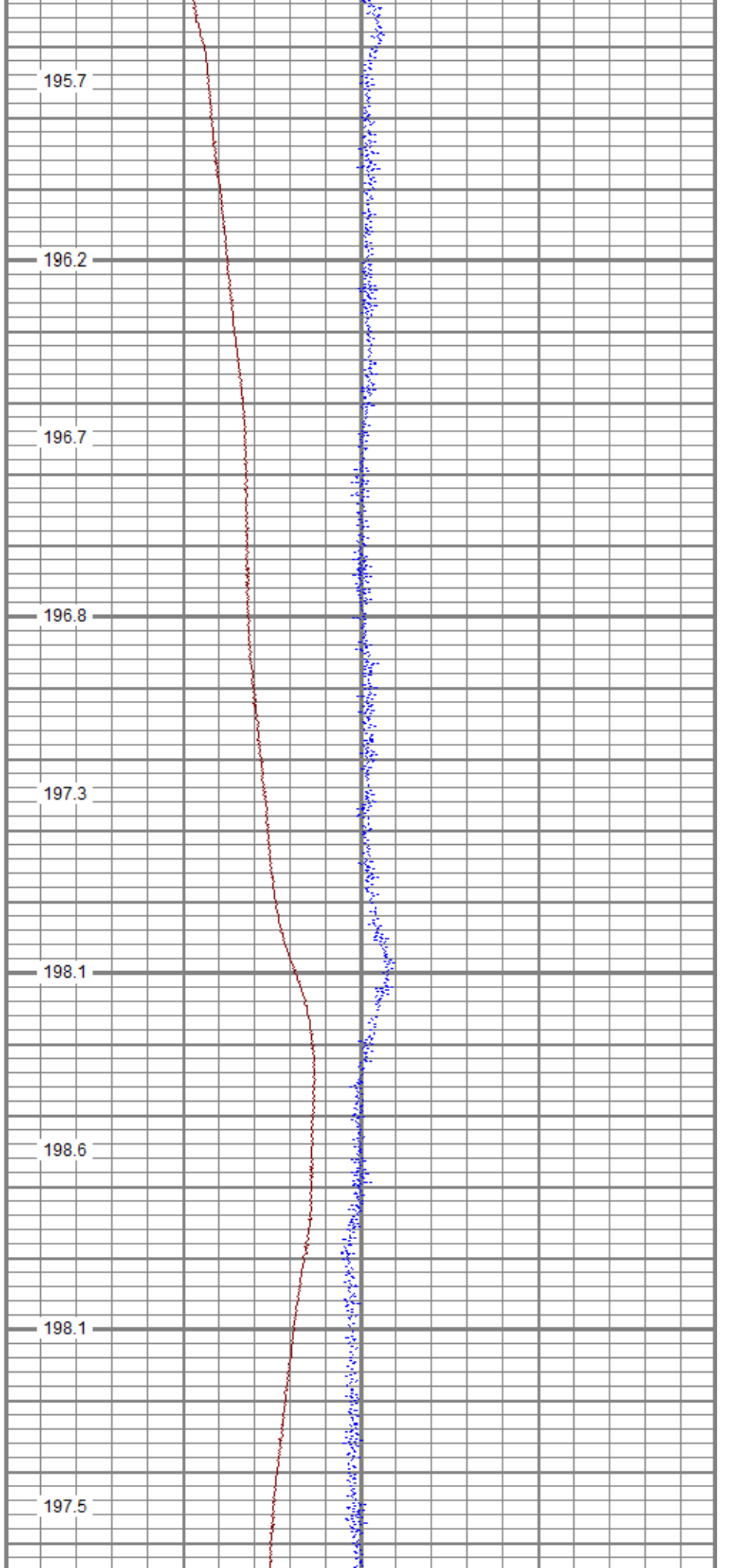
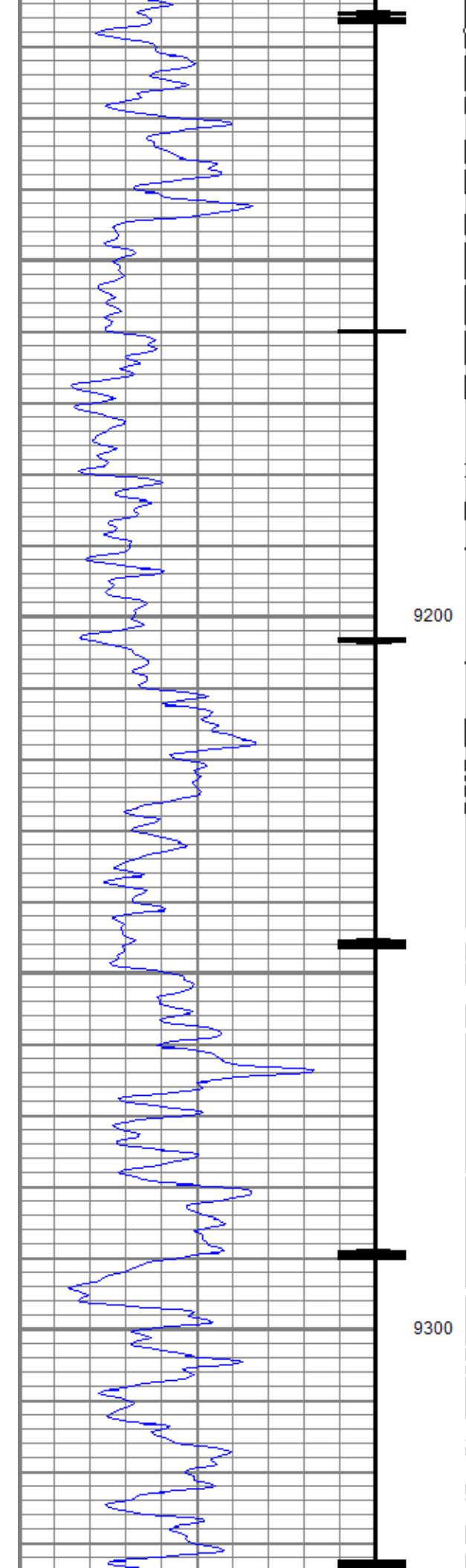


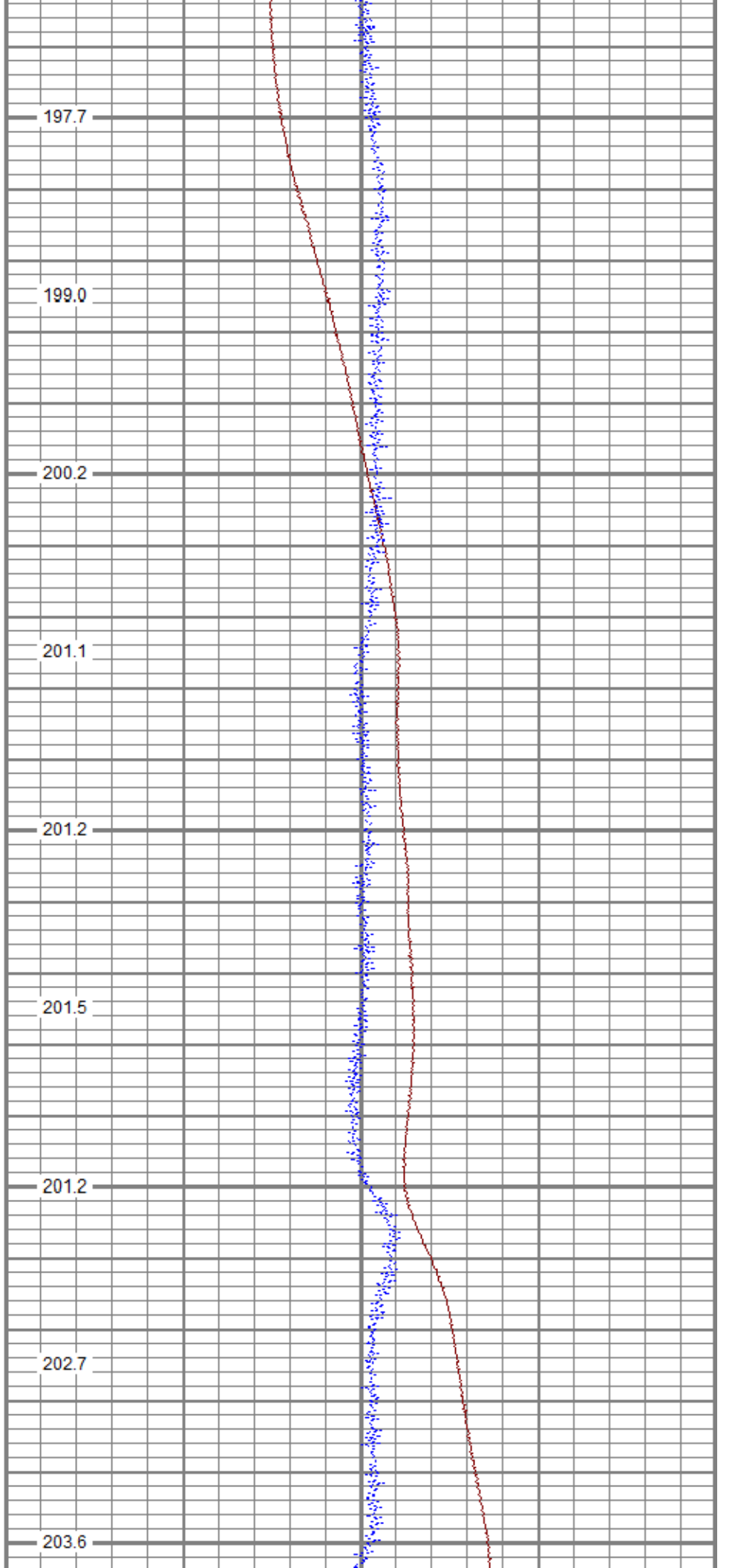
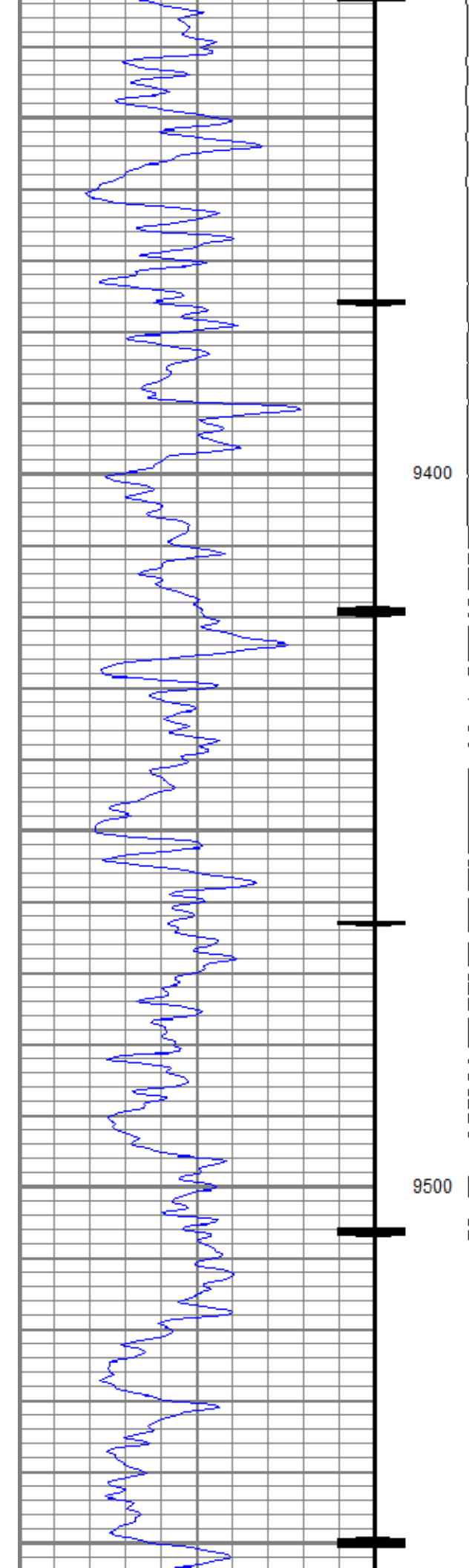


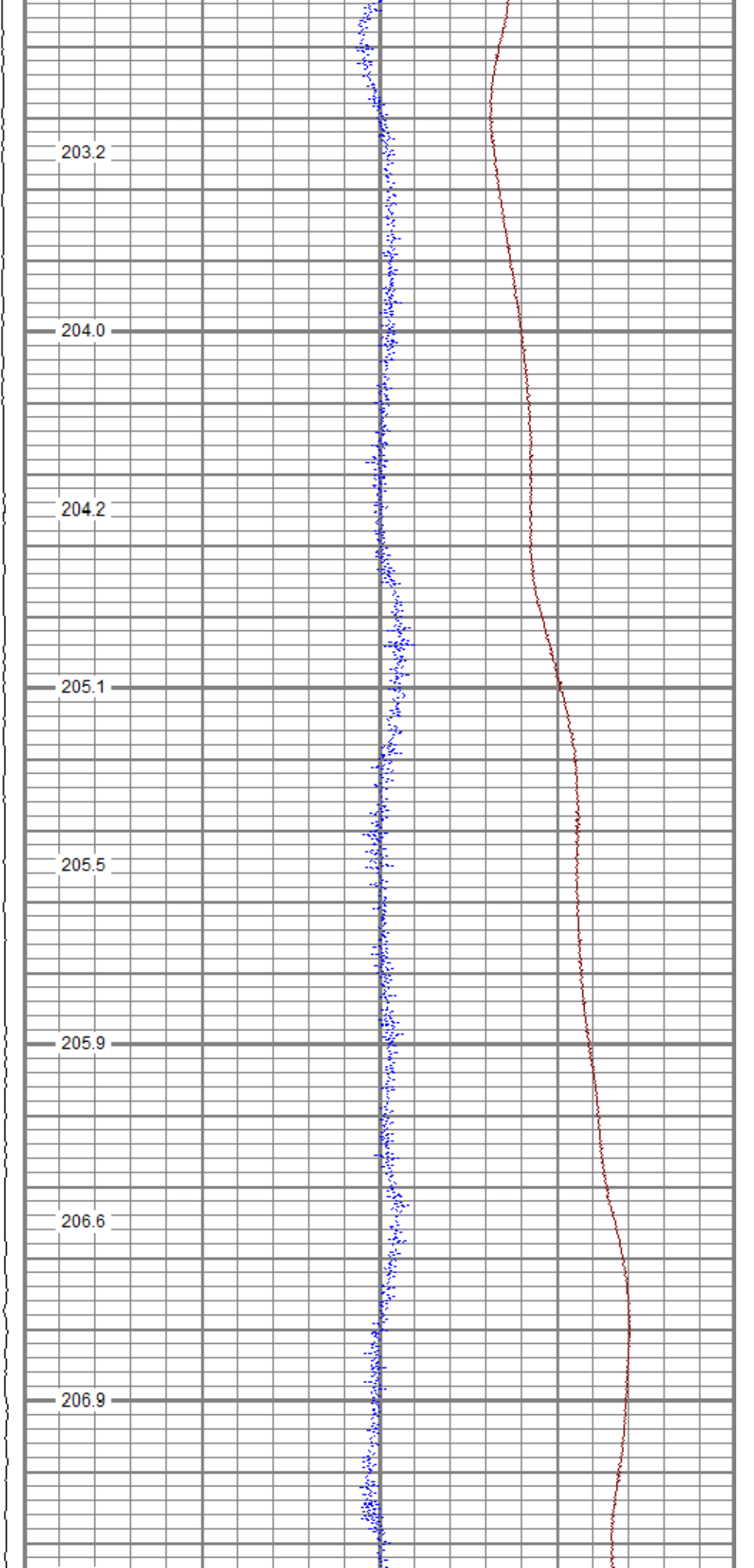
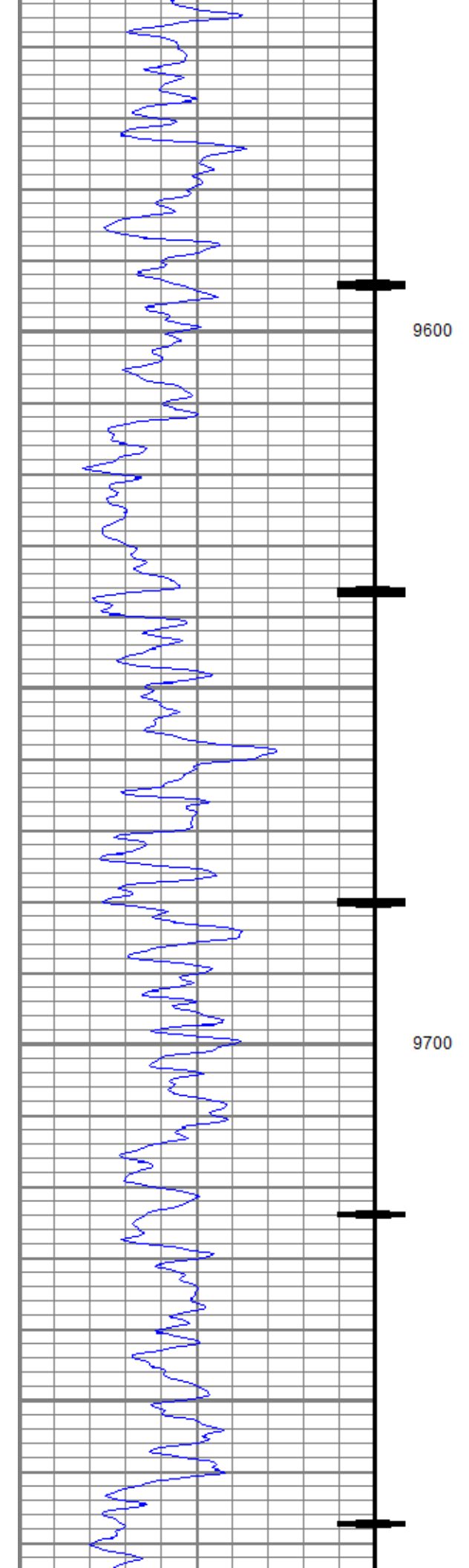


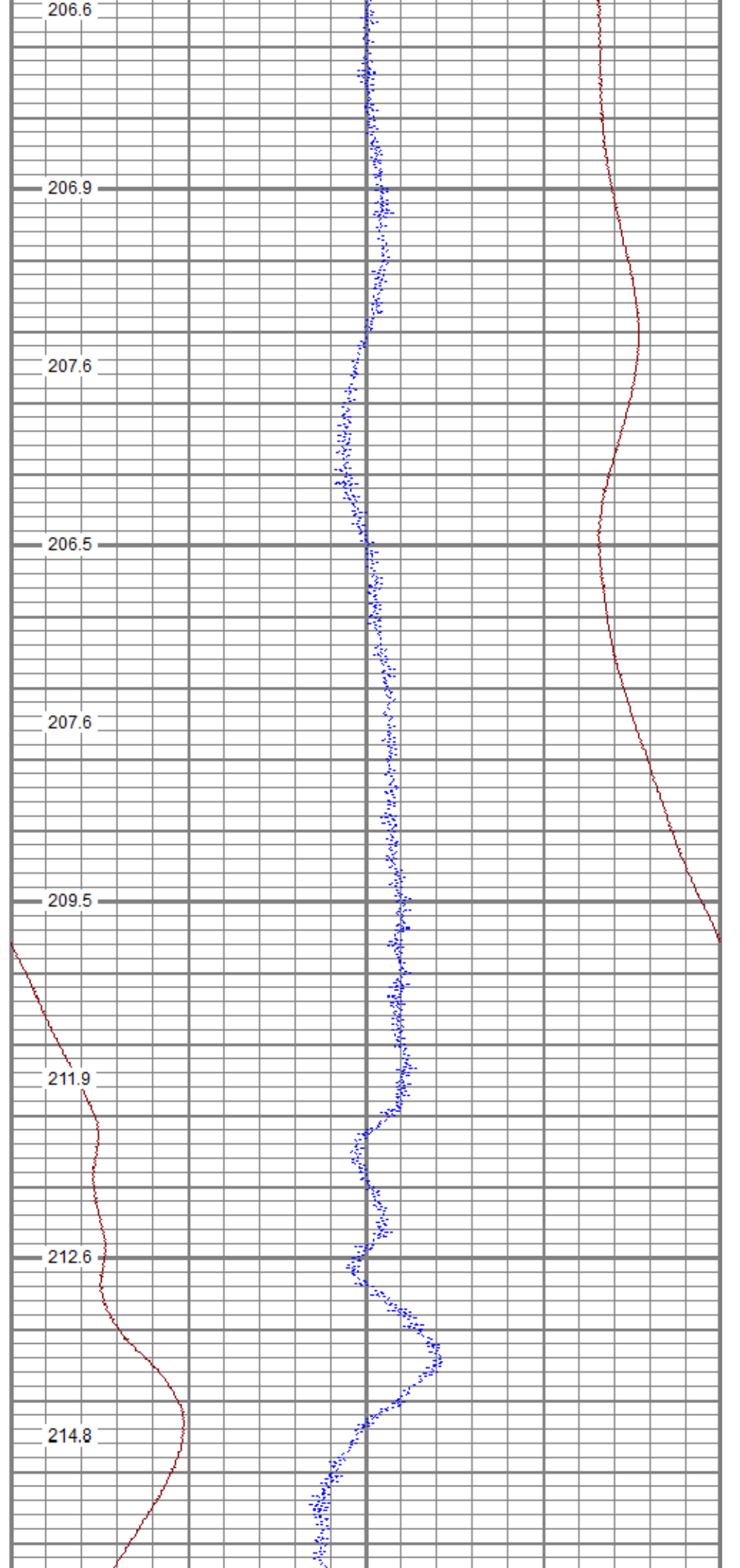
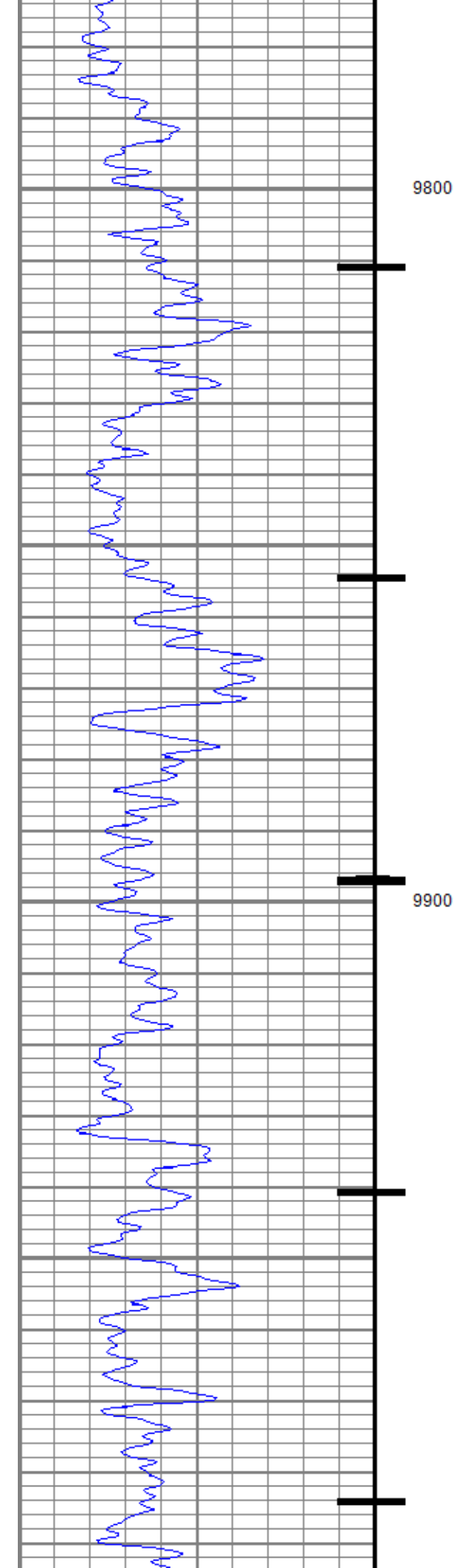


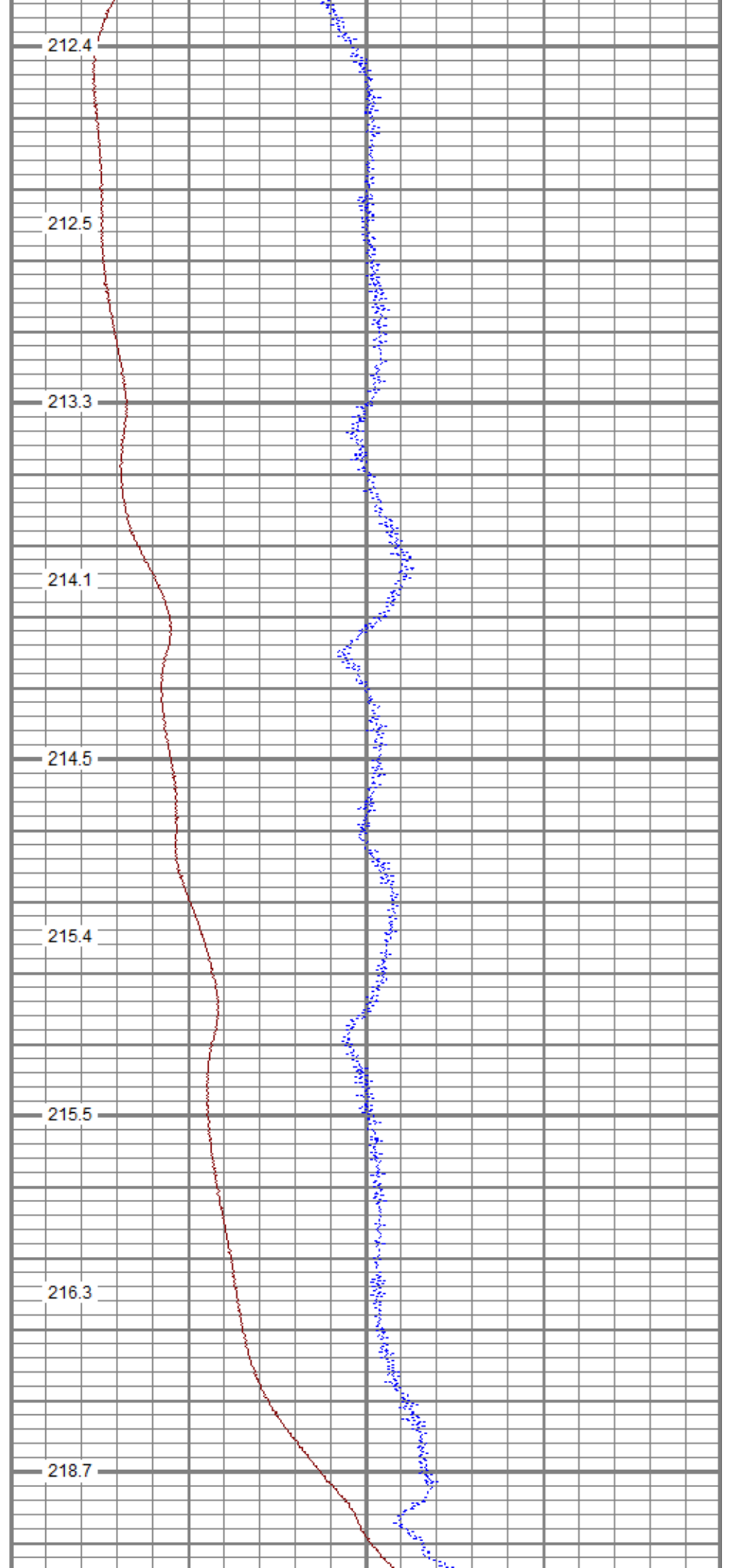
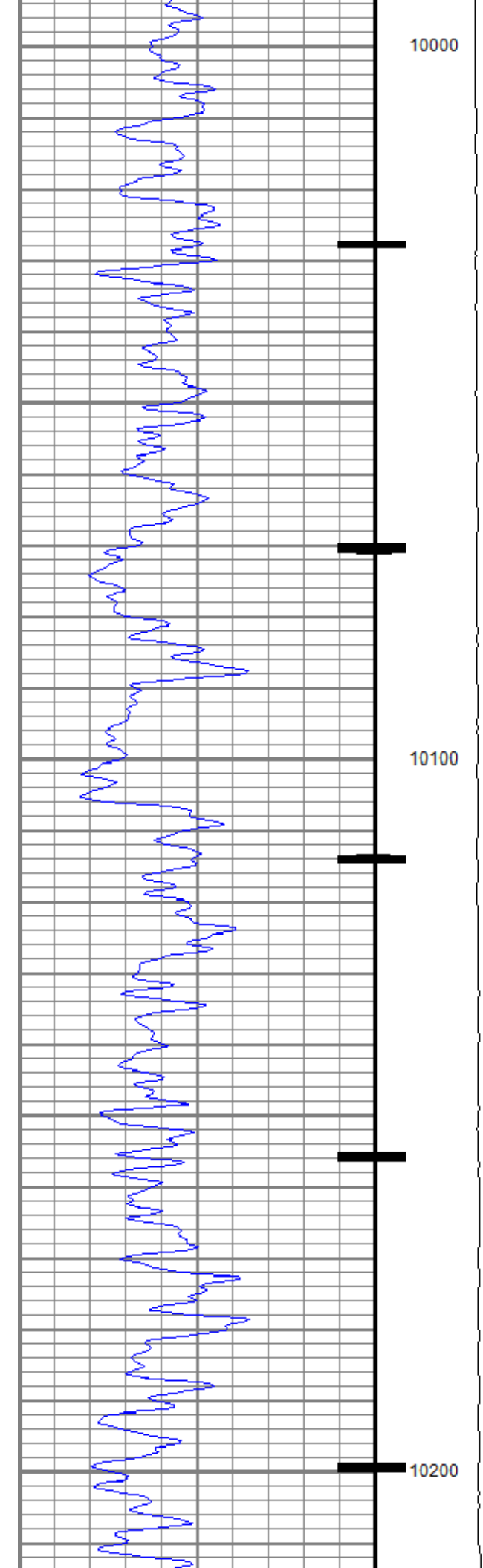


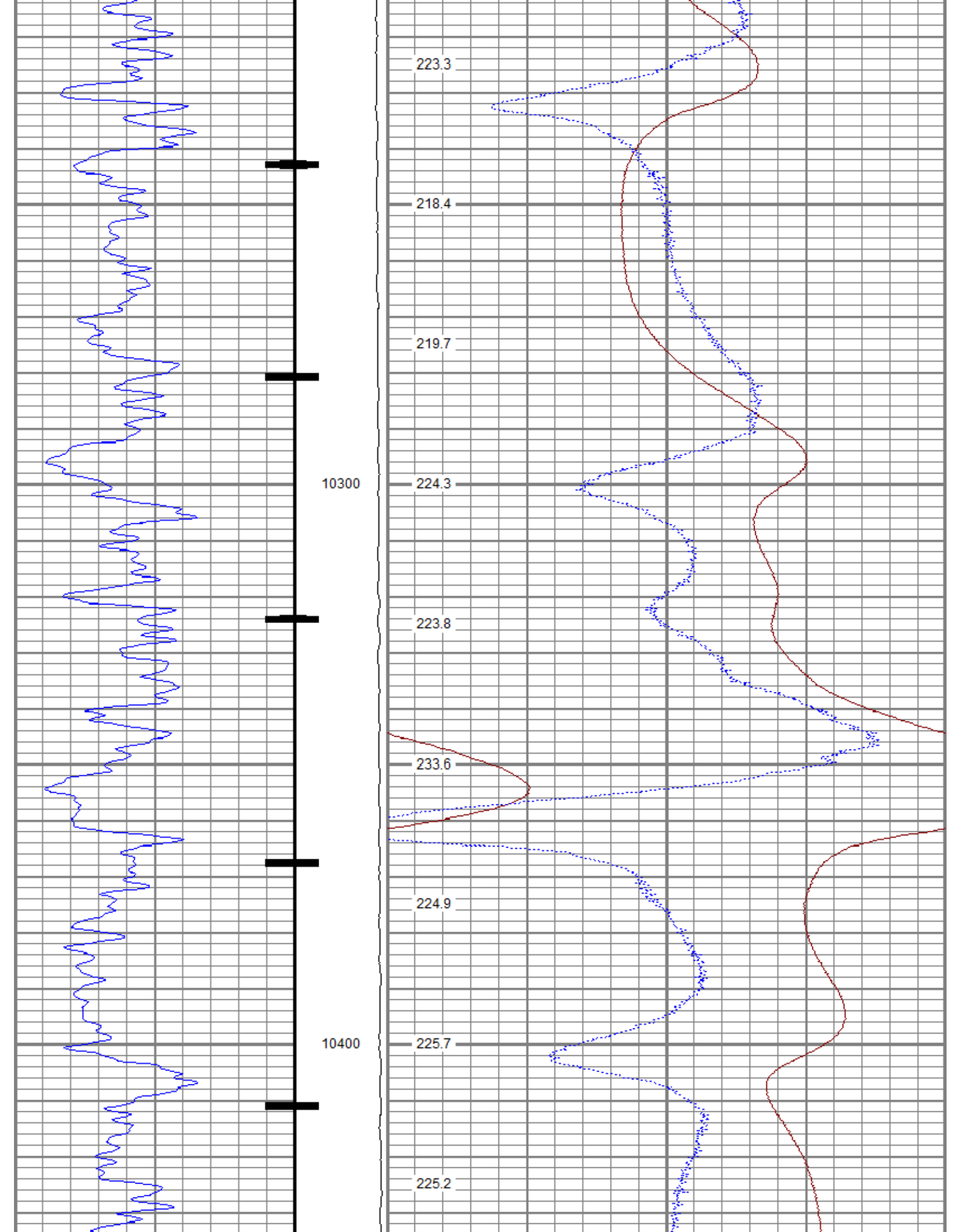


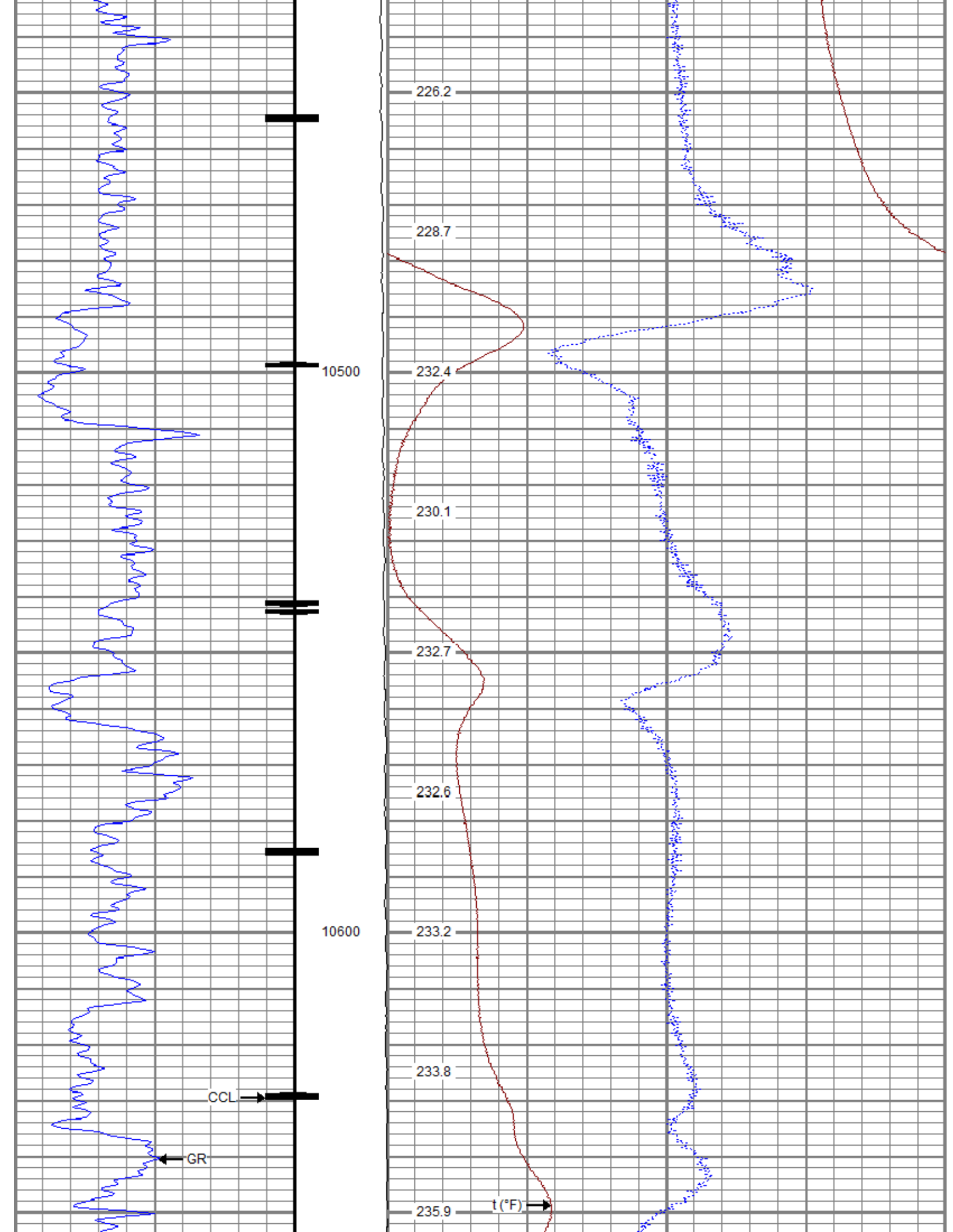


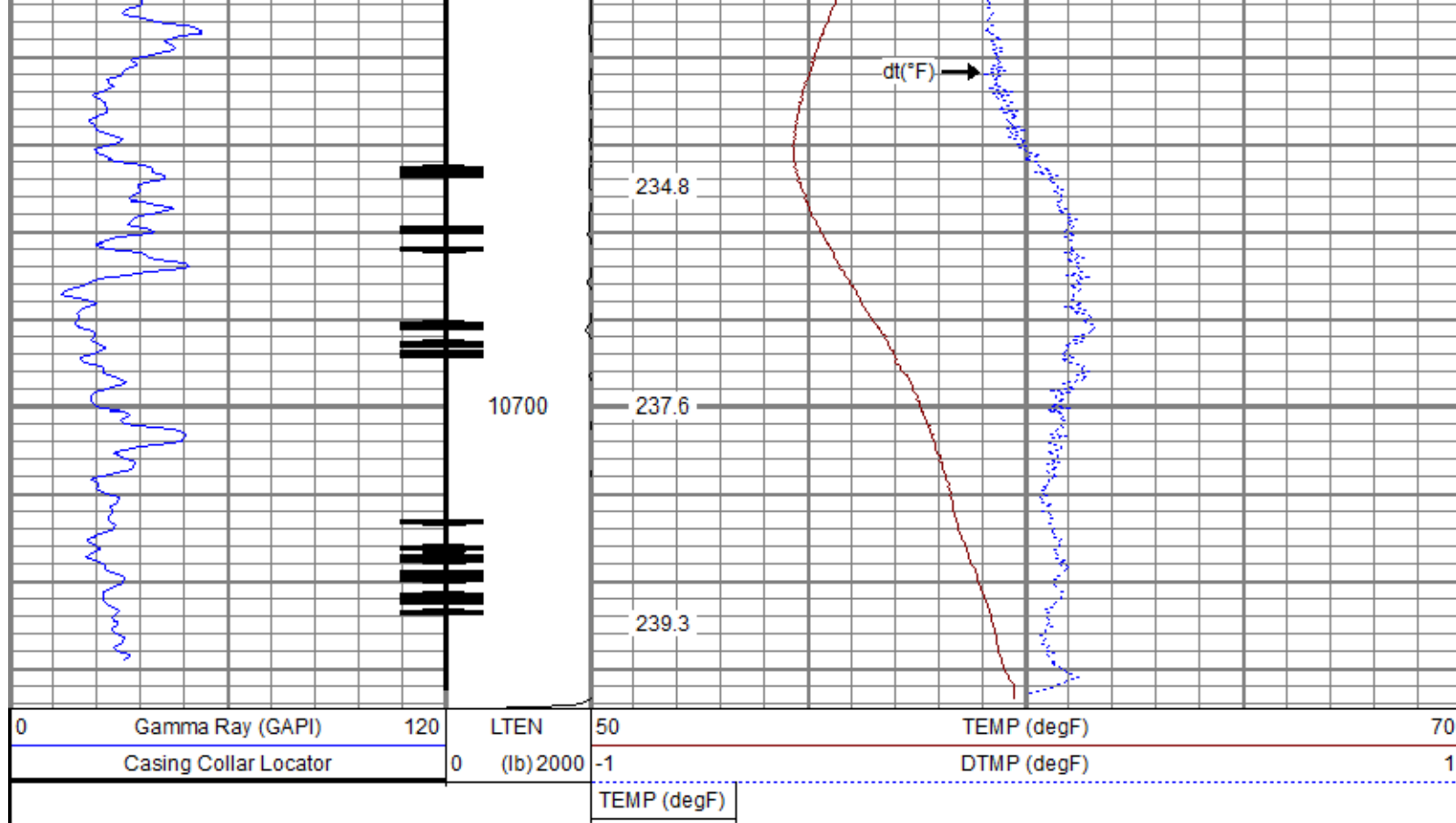














Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	3.37		Titan CHD-14375 GO Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck	1.03	1.44	3.60
			UW AGS-001 (211461) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW XTU-002 (10017430) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			UW PGR-020 (10019371) Production Gamma Ray	1.92	1.69	9.50

CCL	1.77		UW CCL-028 (10018437) 3-1/8" Ultrawire Casing Collar Locator	1.61	3.13	36.00
TEMP	0.37		UW PRT-016 (10025093) Platinum Resistance Thermometer	1.04	1.69	5.20
HVOLTX	0.00					
ITEMPX	0.00					
TSTAMP	0.00		UW BUL-006 (10019616) Sondex Ultrawire Bullnose Terminator Sub	0.22	1.69	1.20
Dataset: tep_federal_ru_512-17_temp_mar-26-2018.db: field/well/run1/main Total length: 7.62 ft Total weight: 63.00 lb O.D.: 3.13 in						

Calibration Report	
Database File	tep_federal_ru_512-17_temp_mar-26-2018.db
Dataset Pathname	main
Dataset Creation	Mon Mar 26 00:15:48 2018

Temperature Calibration Report					
		Serial Number:	10025093		
		Tool Model:	016		
		Performed:	Sun Nov 12 13:20:23 2017		
Point #	Reading		Reference		
1	13006.00	cps	68.00	degF	
2	18181.00	cps	104.00	degF	
3	29634.00	cps	176.00	degF	
4	41077.00	cps	248.00	degF	
5	52560.00	cps	320.00	degF	
6	58409.00	cps	356.00	degF	
7		cps		degF	
8		cps		degF	
9		cps		degF	
10		cps		degF	

Gamma Ray Calibration Report			
Serial Number:	10019371		
Tool Model:	020		
Performed:	Sun Nov 12 05:37:04 2017		
Calibrator Value:	637.0	GAPI	
Background Reading:	78.8	cps	
Calibrator Reading:	1069.9	cps	
Sensitivity:	0.6427	GAPI/cps	

	Company	TEP Rocky Mountain LLC
	Well	Federal RU 512-17
	Field	Rulison
	County	Garfield

	State	Colorado	Country
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