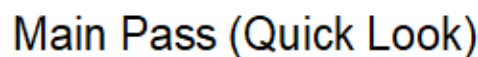




<<< Fold Here >>>

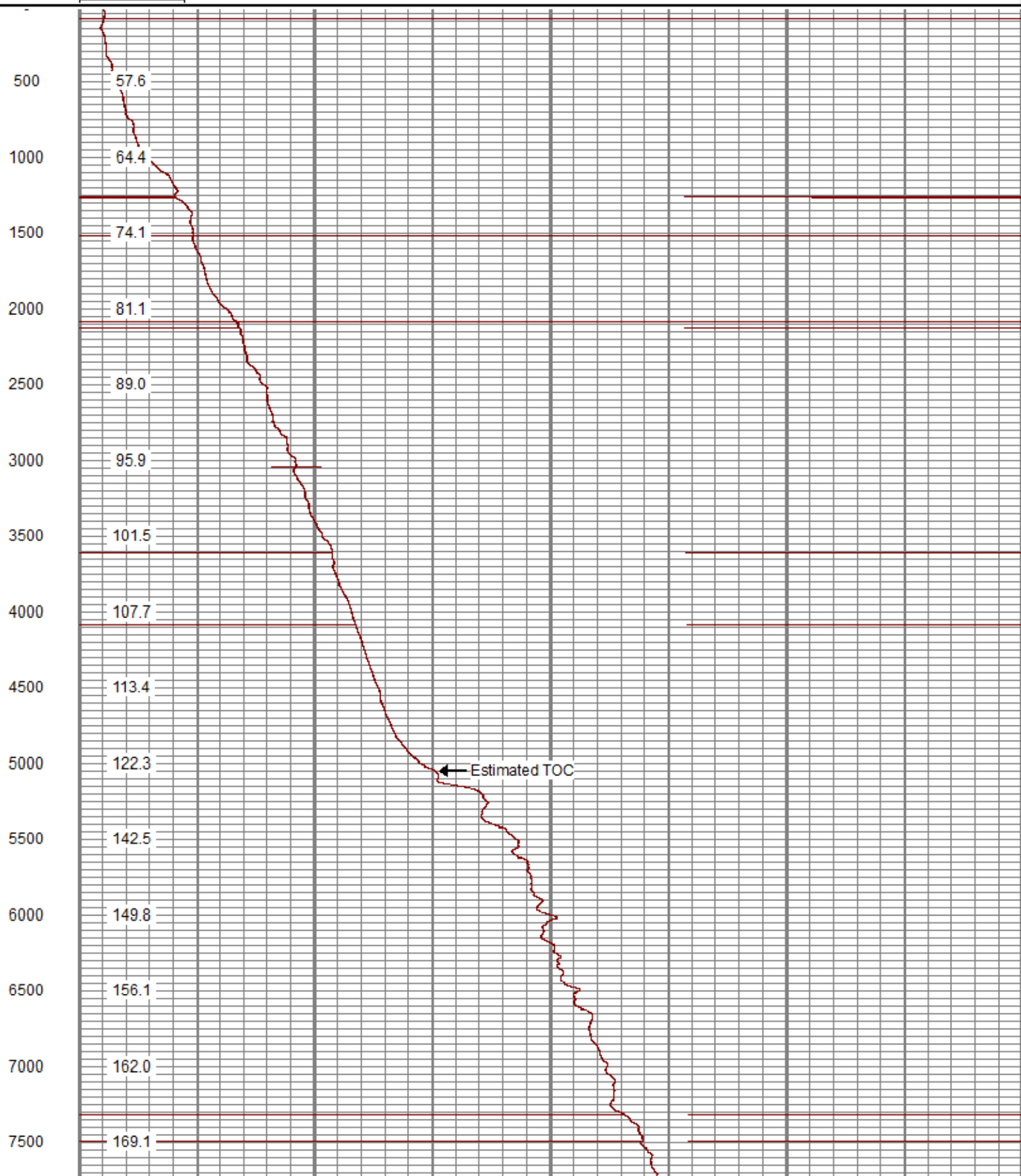
Comments

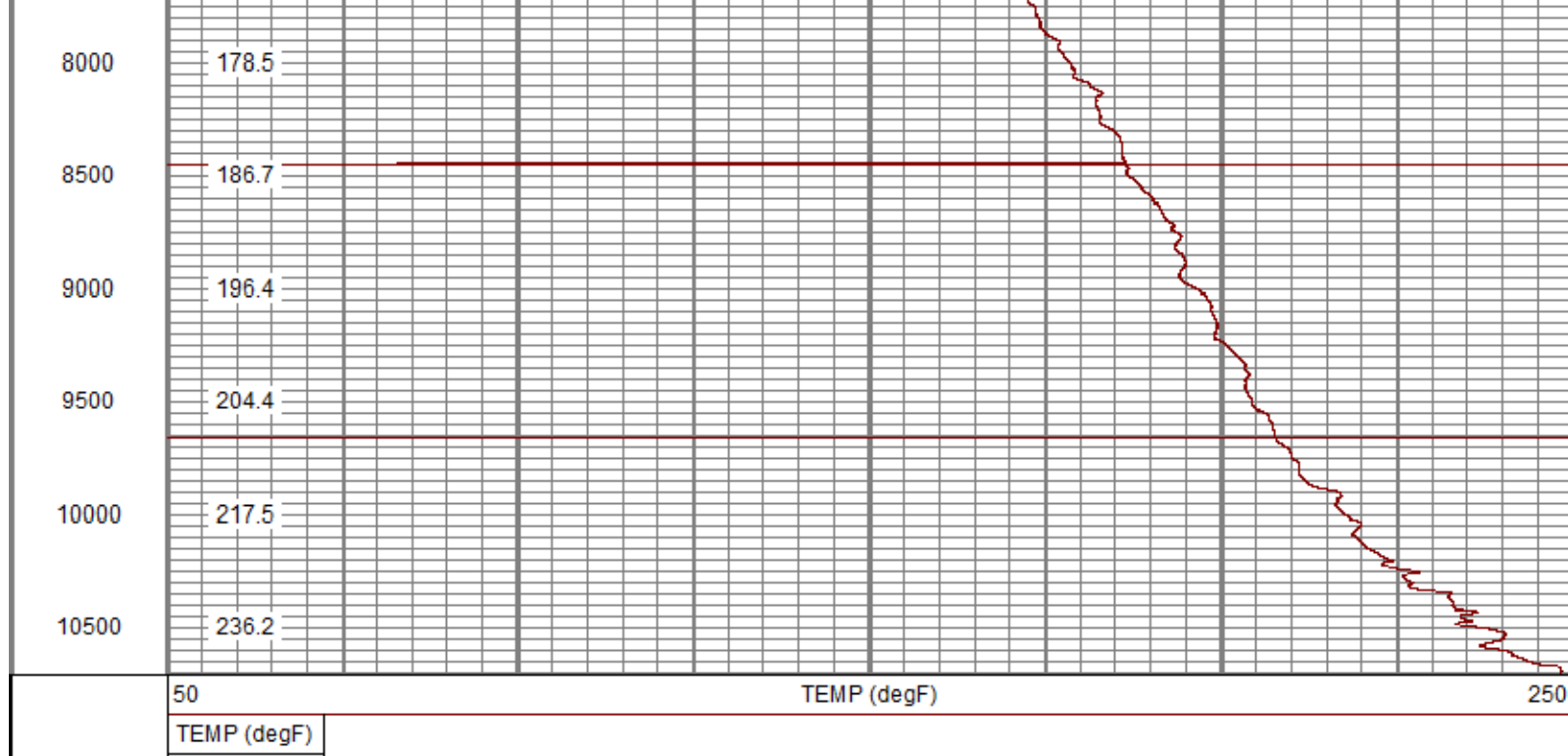
Thank you for choosing Reliance Oilfield Services, LLC!!



Database File tep_federal ru 14-17_temp_05-01-2018.db
 Dataset Pathname mainql
 Presentation Format ros_temp_ql_tep
 Dataset Creation Tue May 01 12:58:44 2018
 Charted by Depth in Feet scaled 1:10000

50 TEMP (degF) 250
 TEMP (degF)



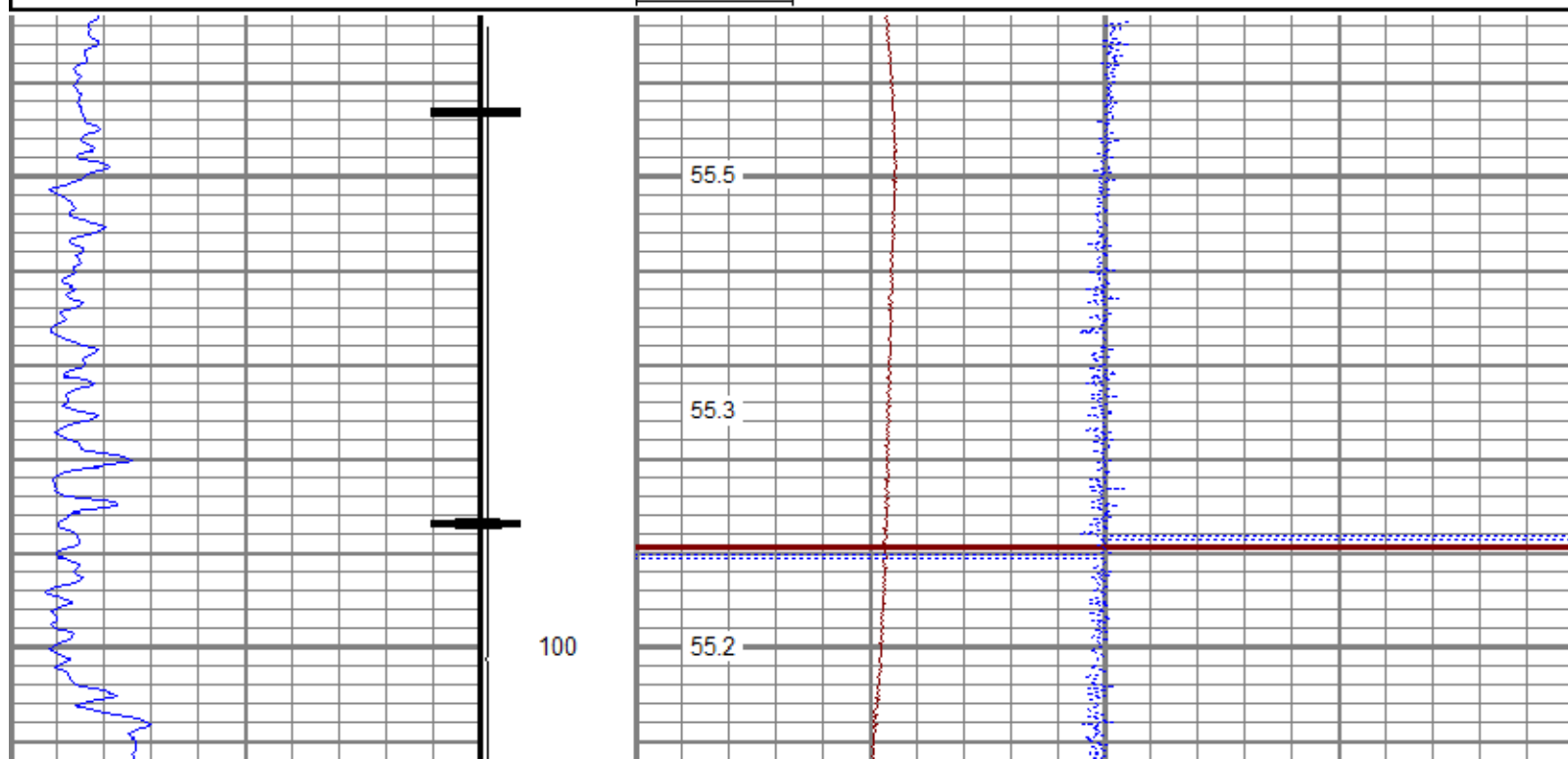


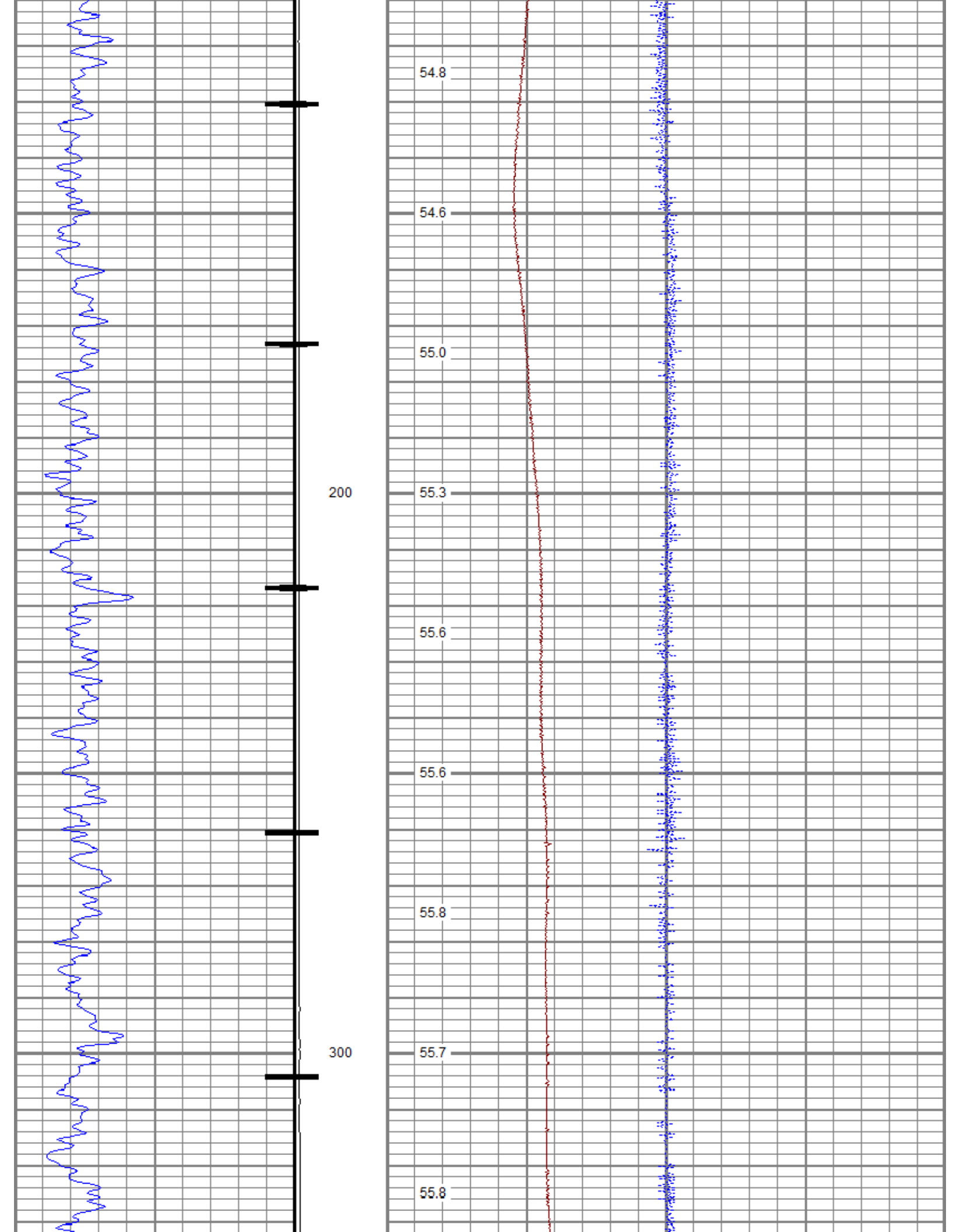
Main Pass

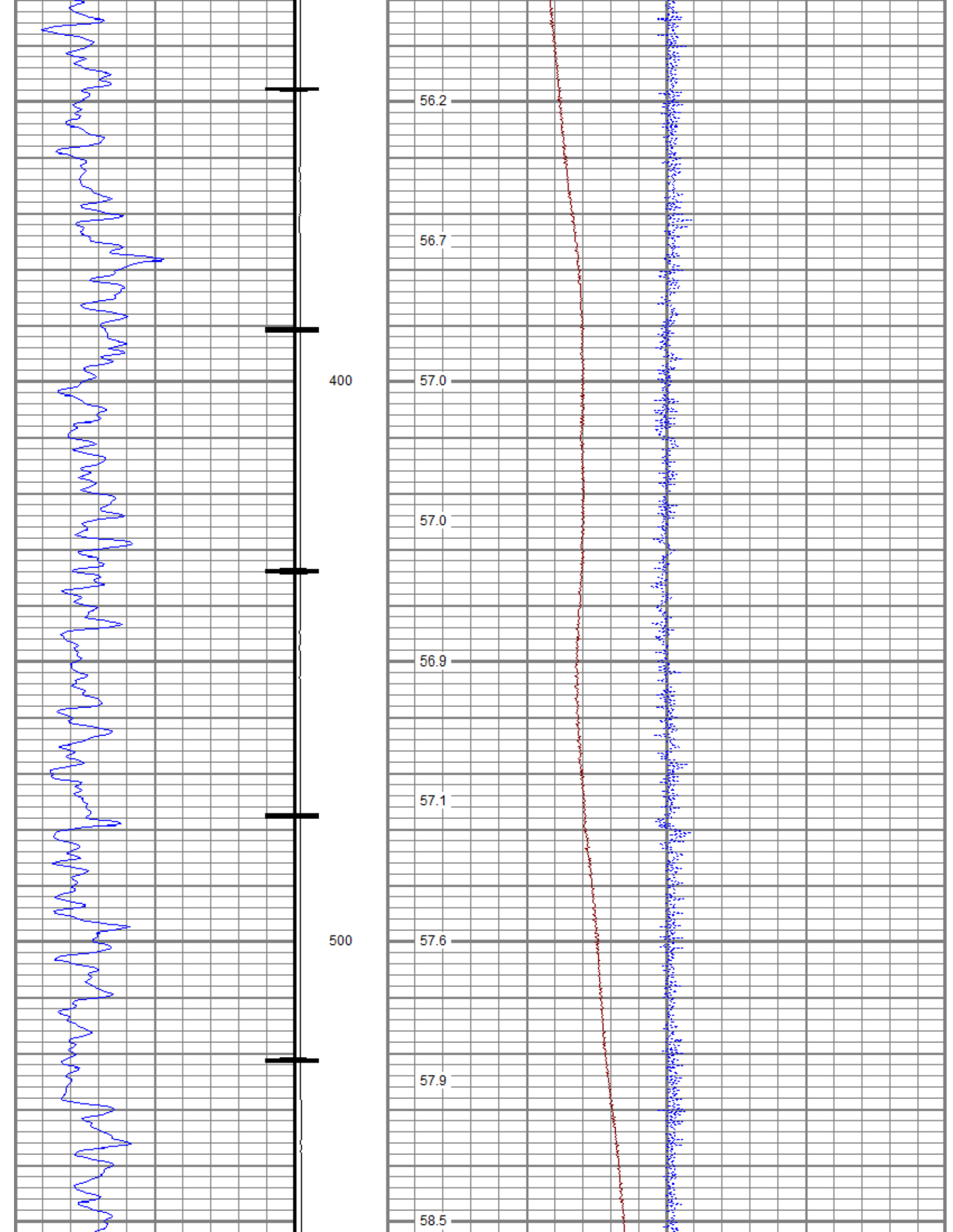
Logged with 0 PSI Surface Induced Pressure

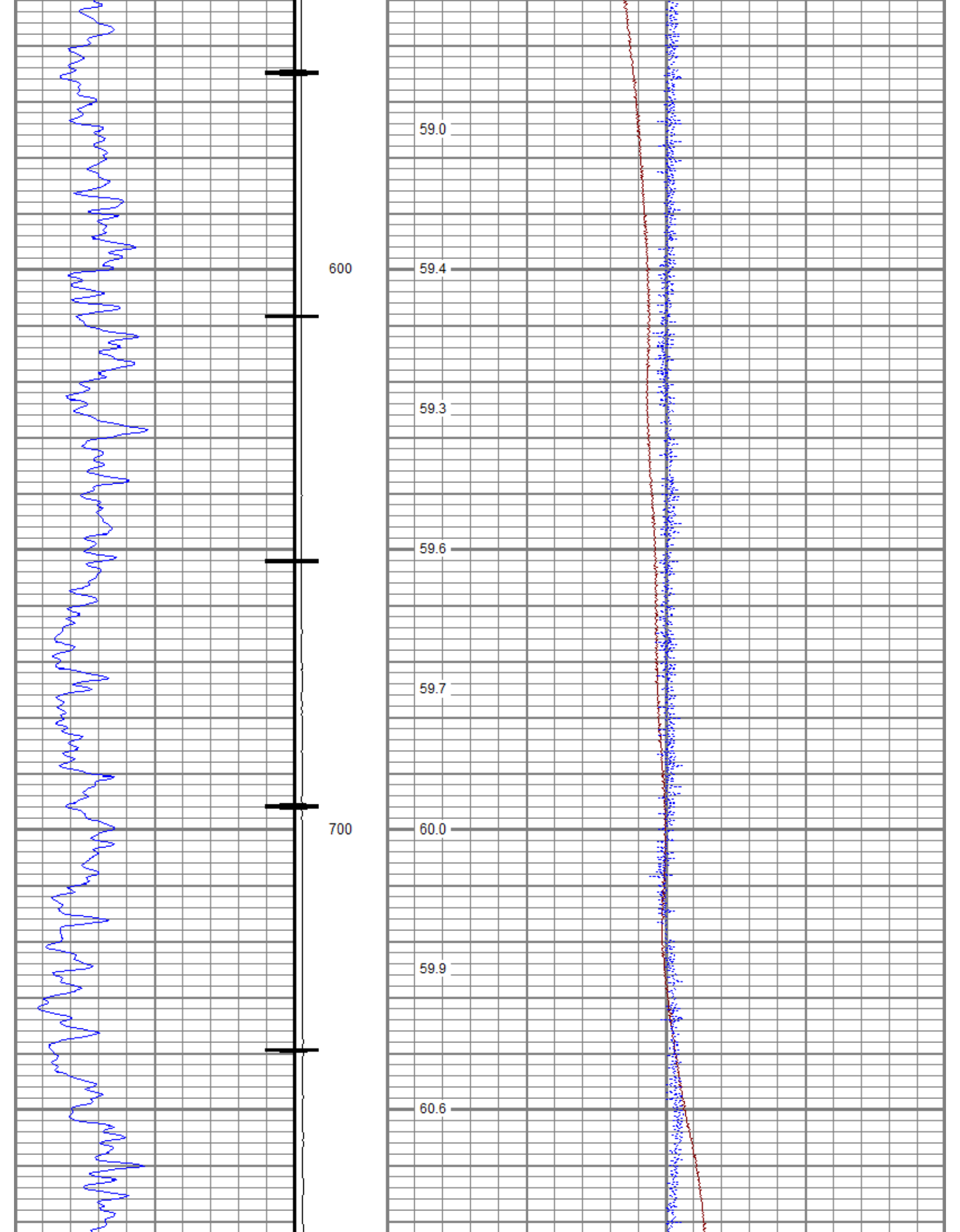
Database File tep_federal ru 14-17_temp_05-01-2018.db
 Dataset Pathname main
 Presentation Format ros_temp_tep
 Dataset Creation Tue May 01 11:26:41 2018
 Charted by Depth in Feet scaled 1:240

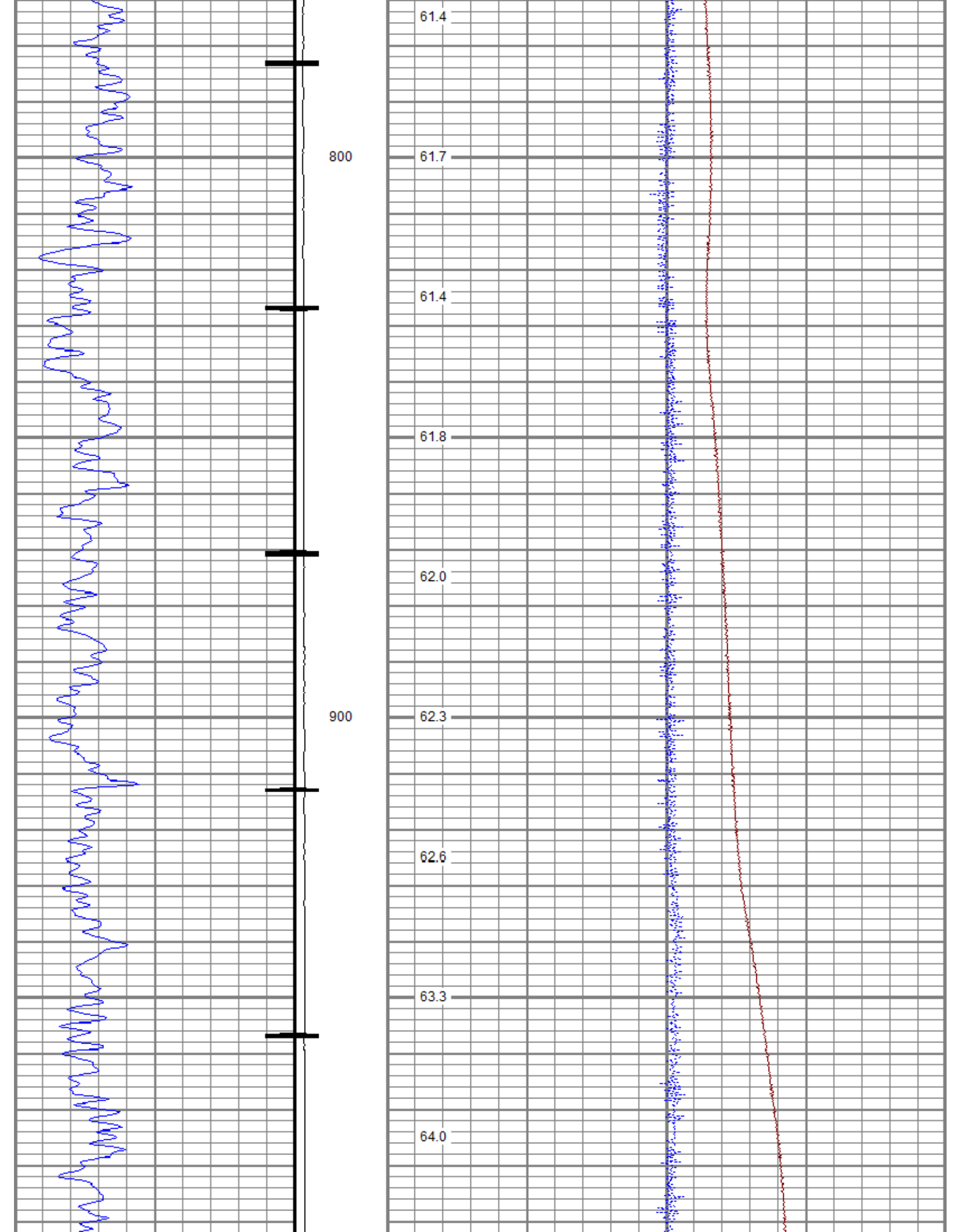
0	Gamma Ray (GAPI)	120	LTEN	50	TEMP (degF)	70
	Casing Collar Locator	0	(lb) 2000	-1	DTMP (degF)	1
				TEMP (degF)		

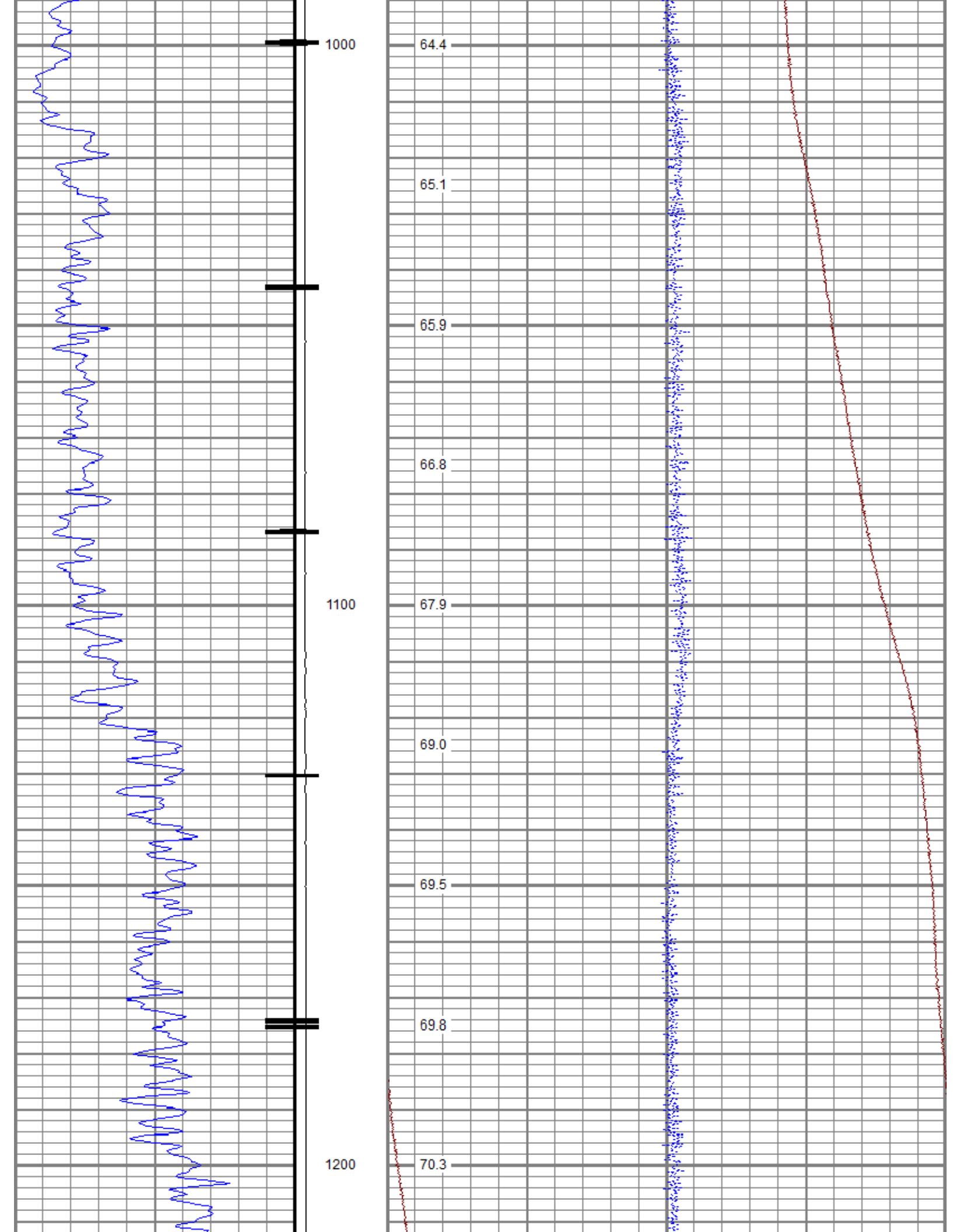


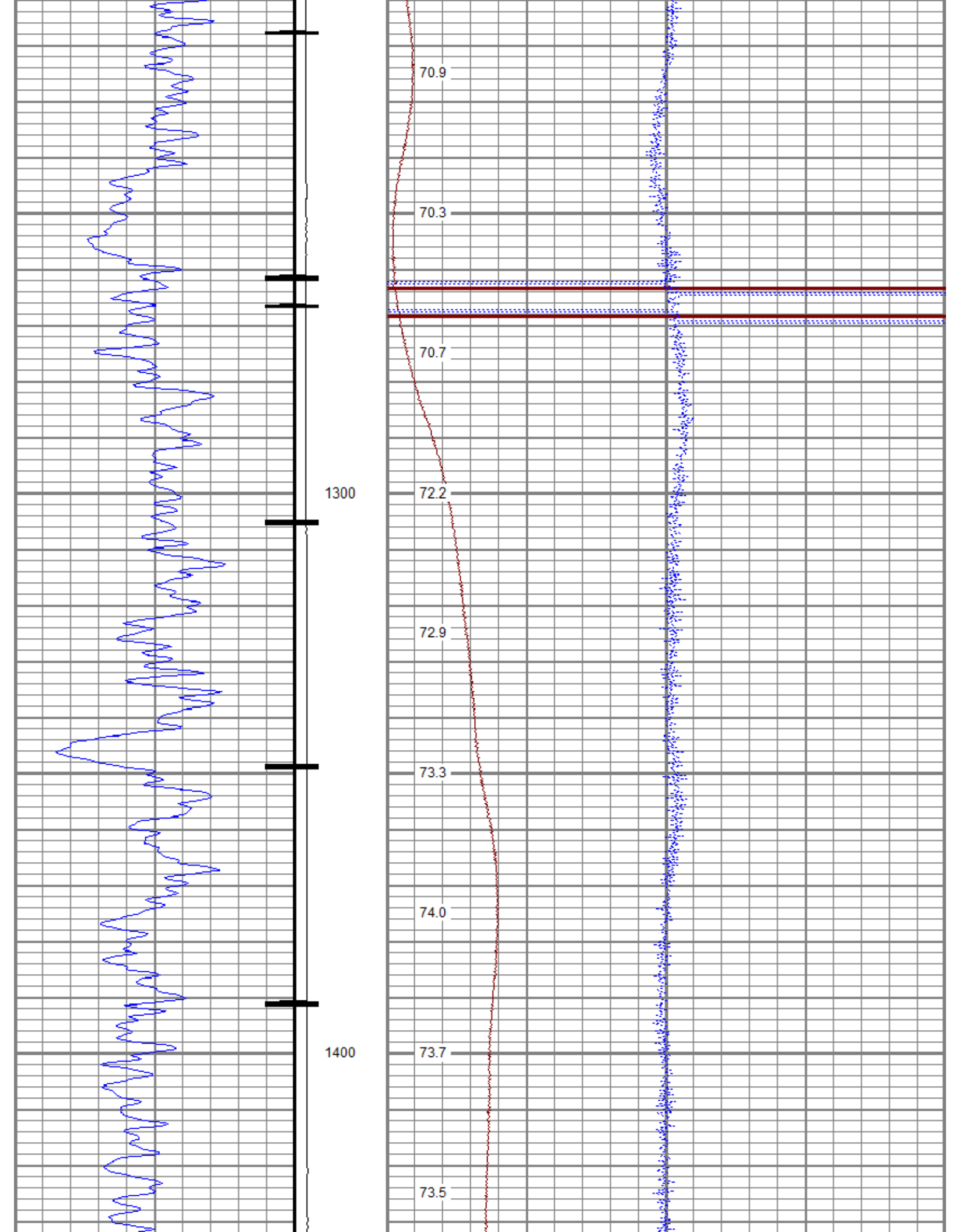


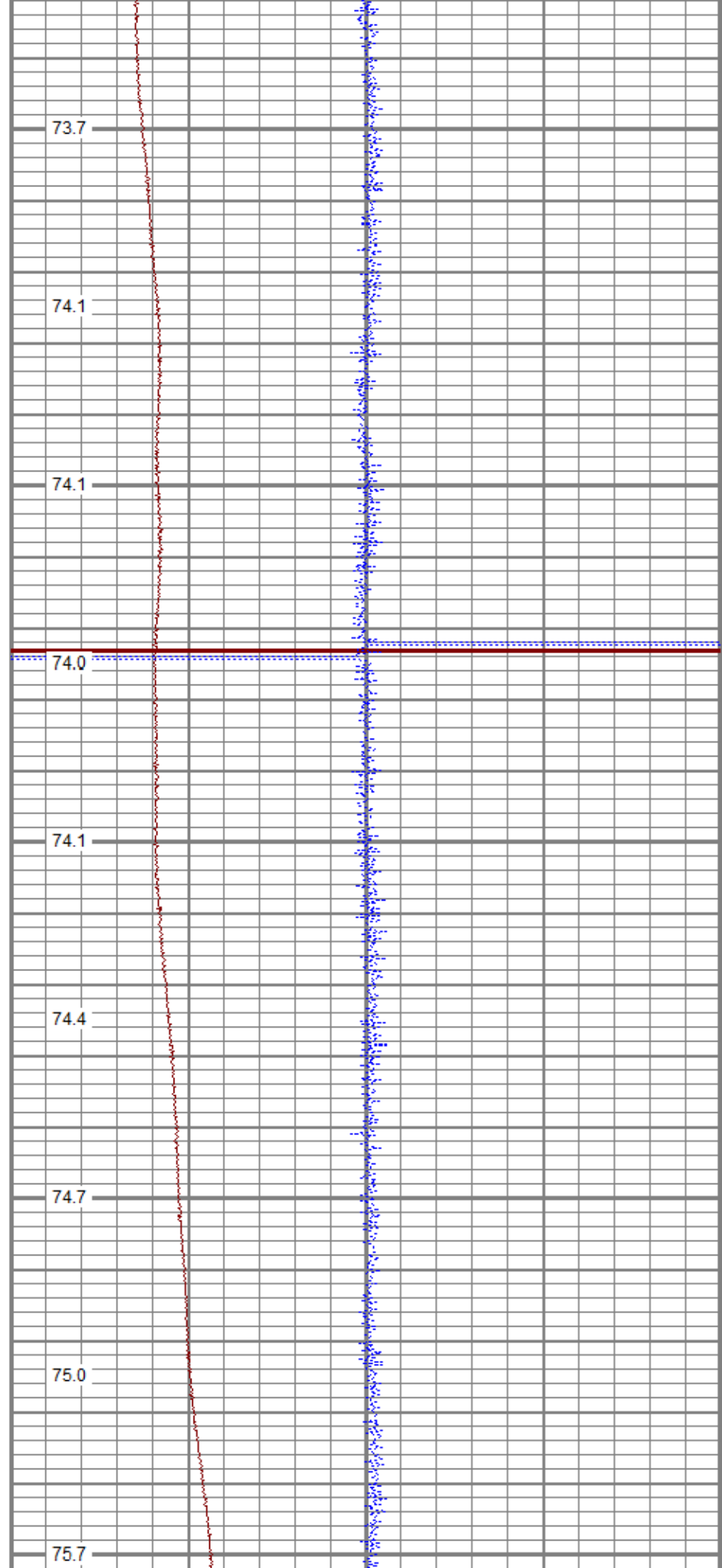
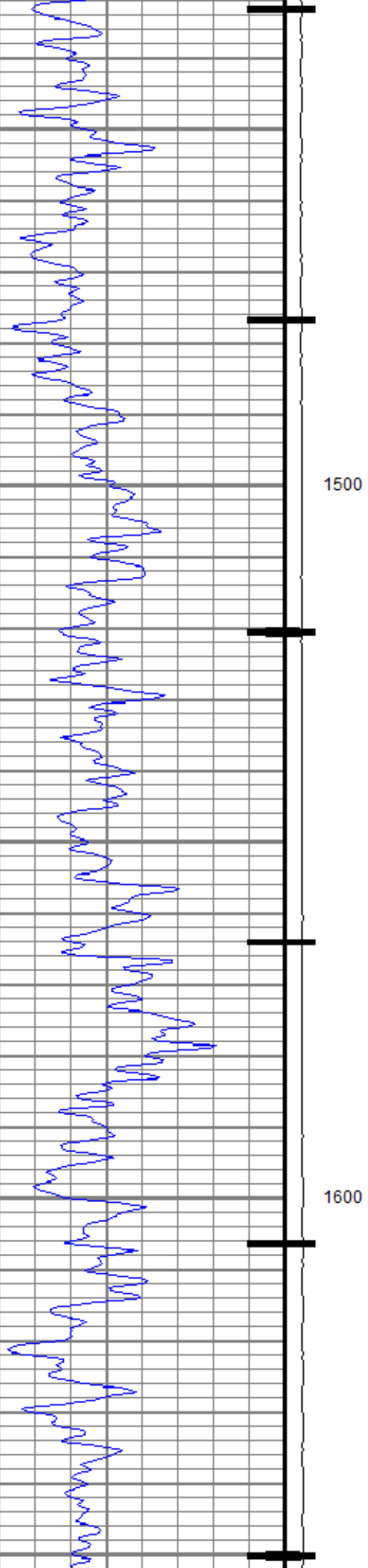


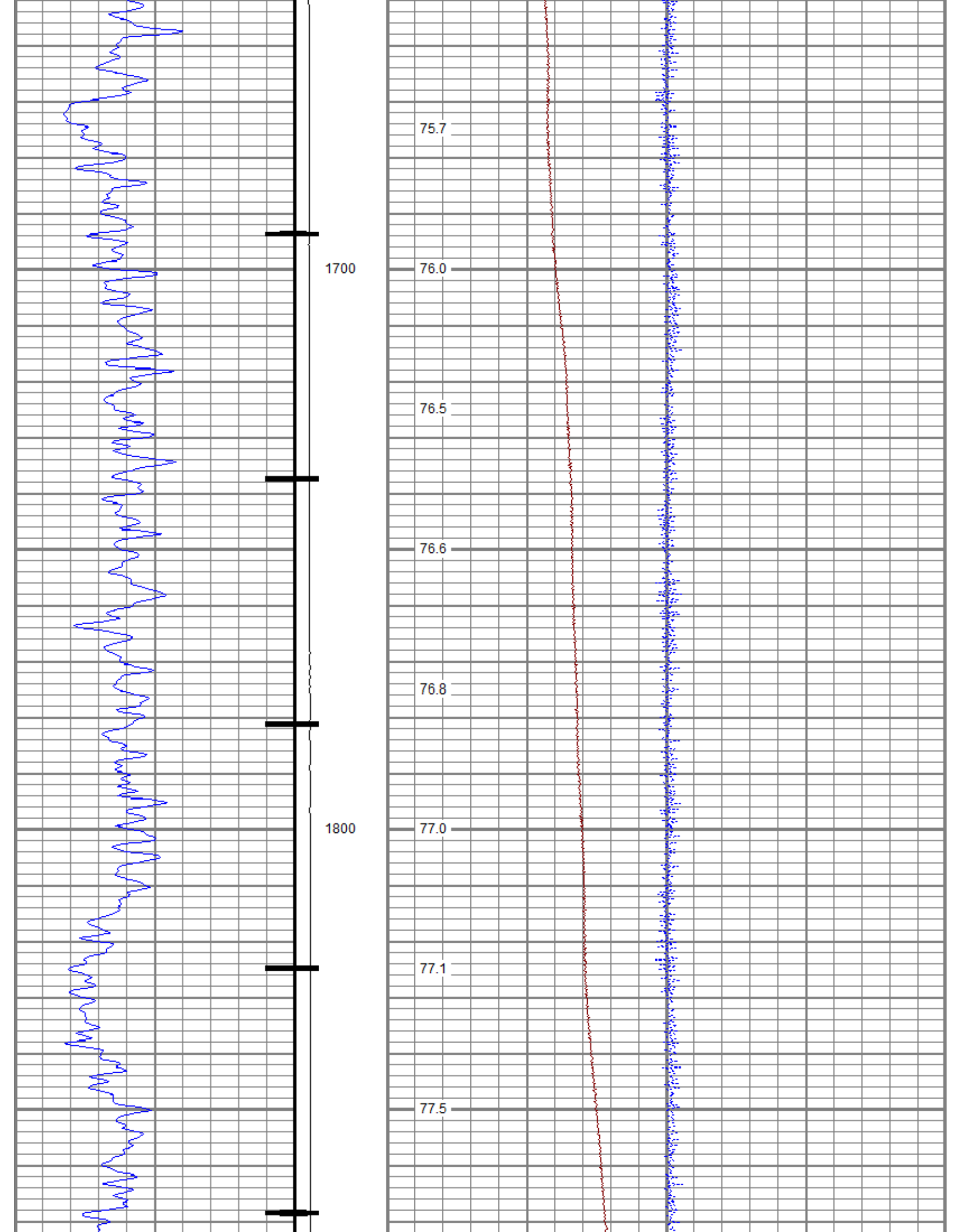


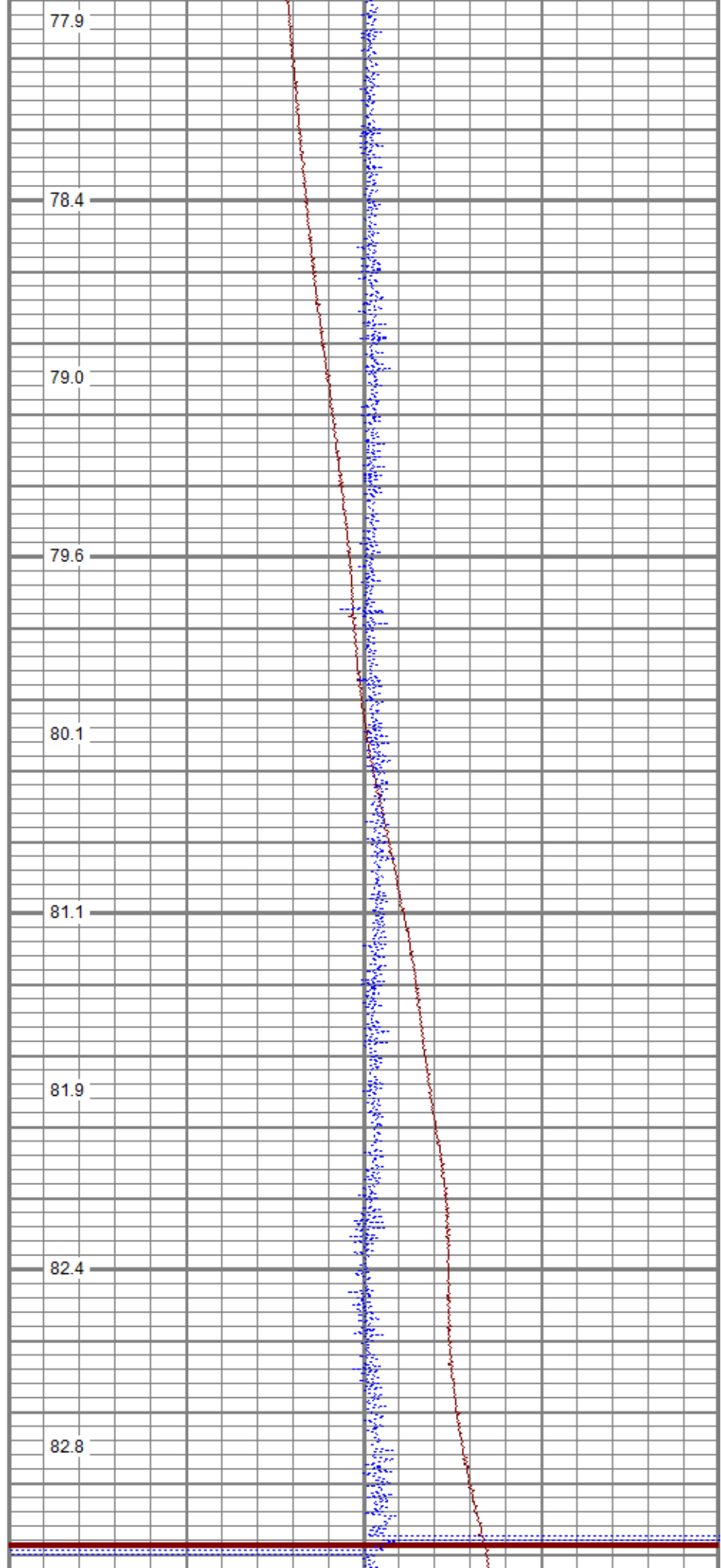
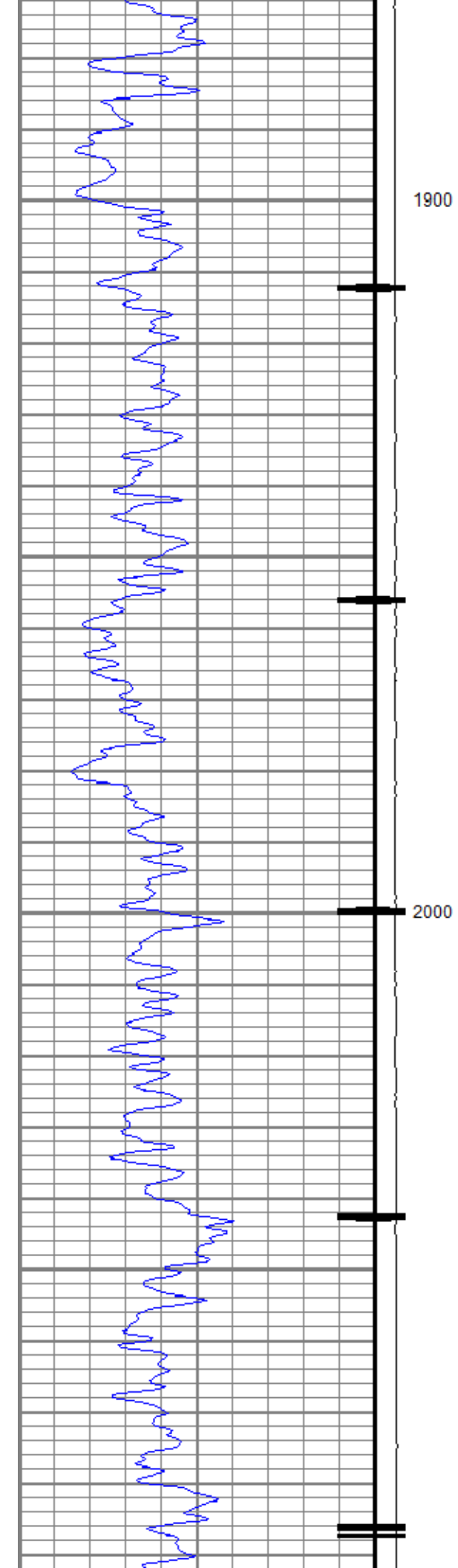


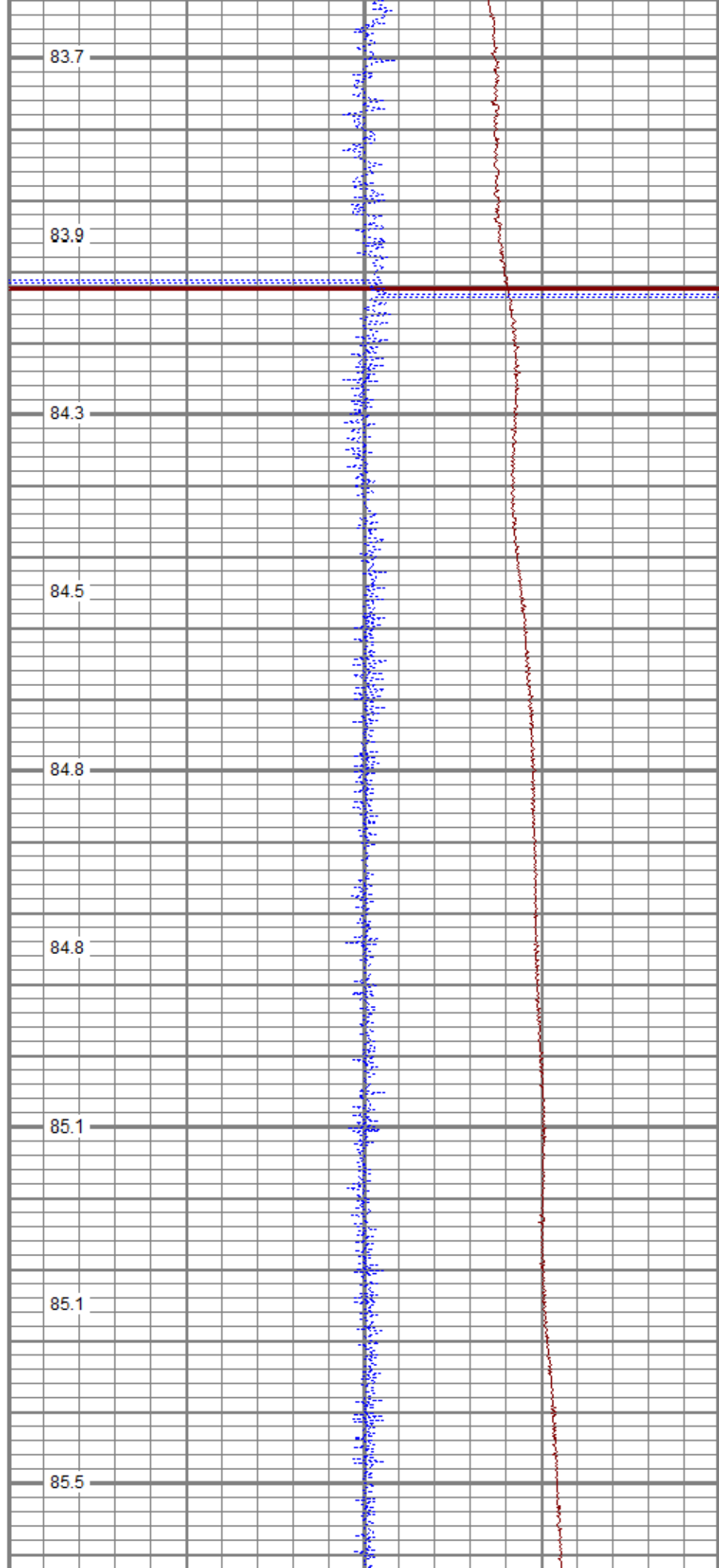
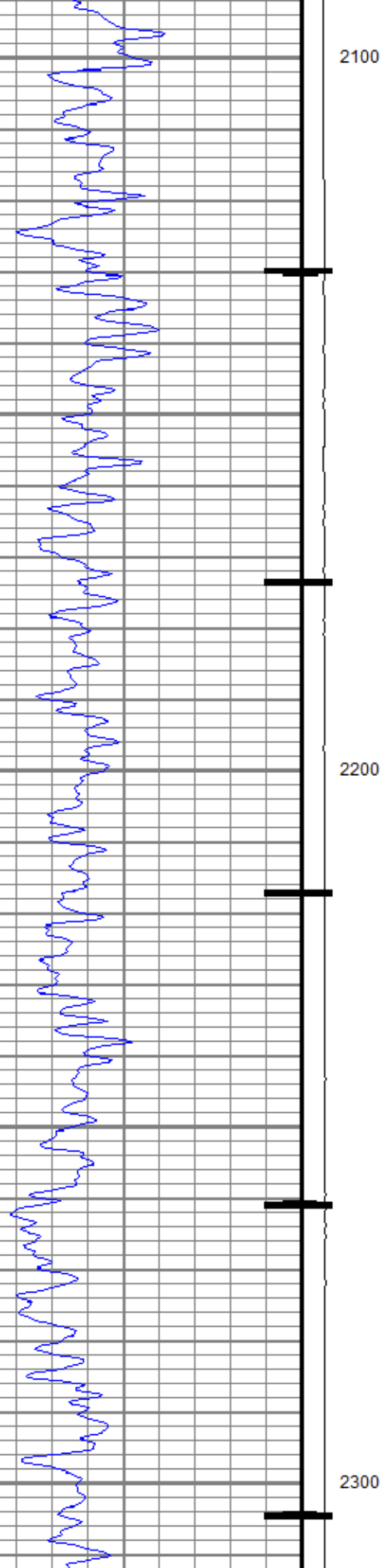


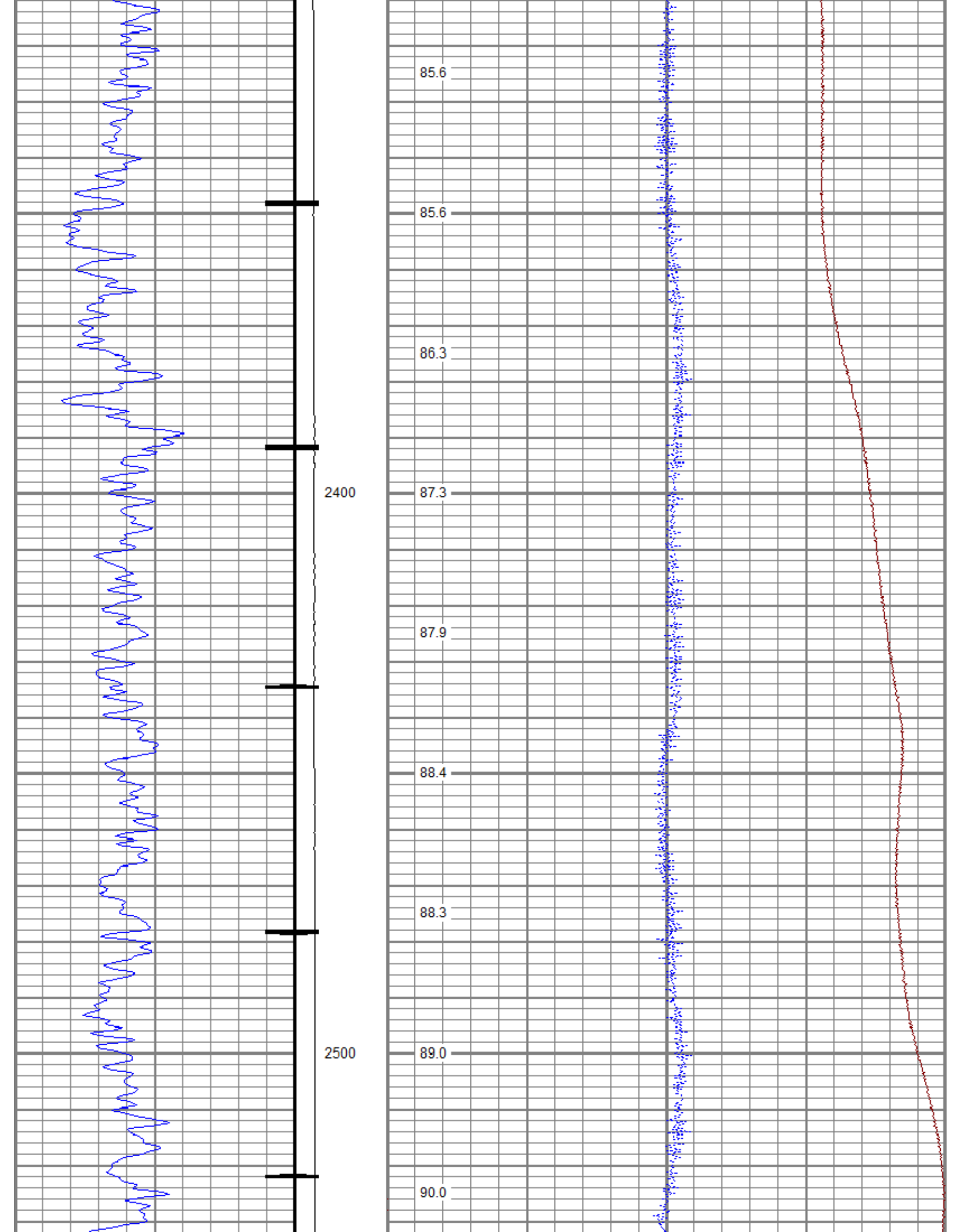


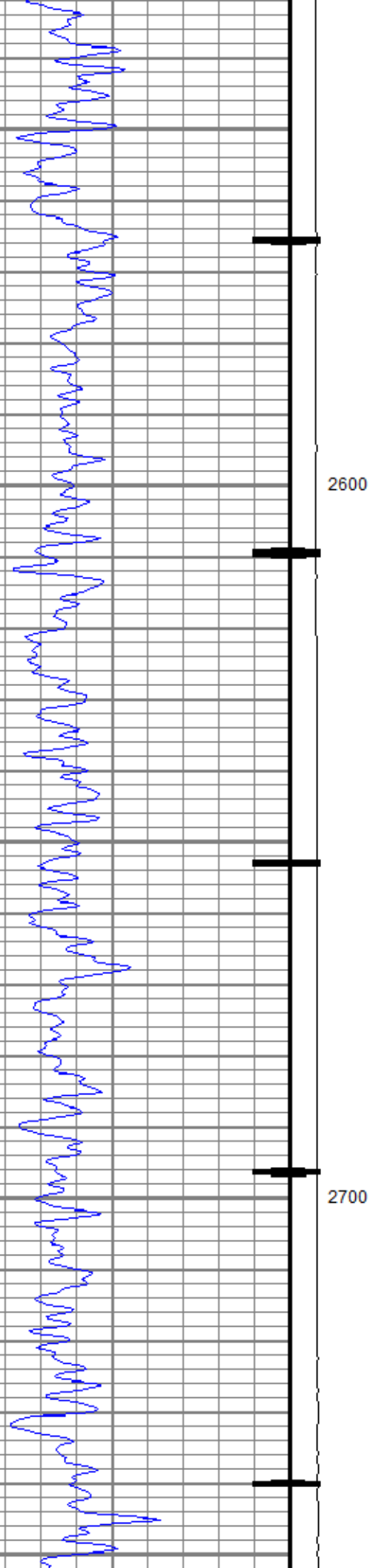












89.7

89.9

89.9

90.0

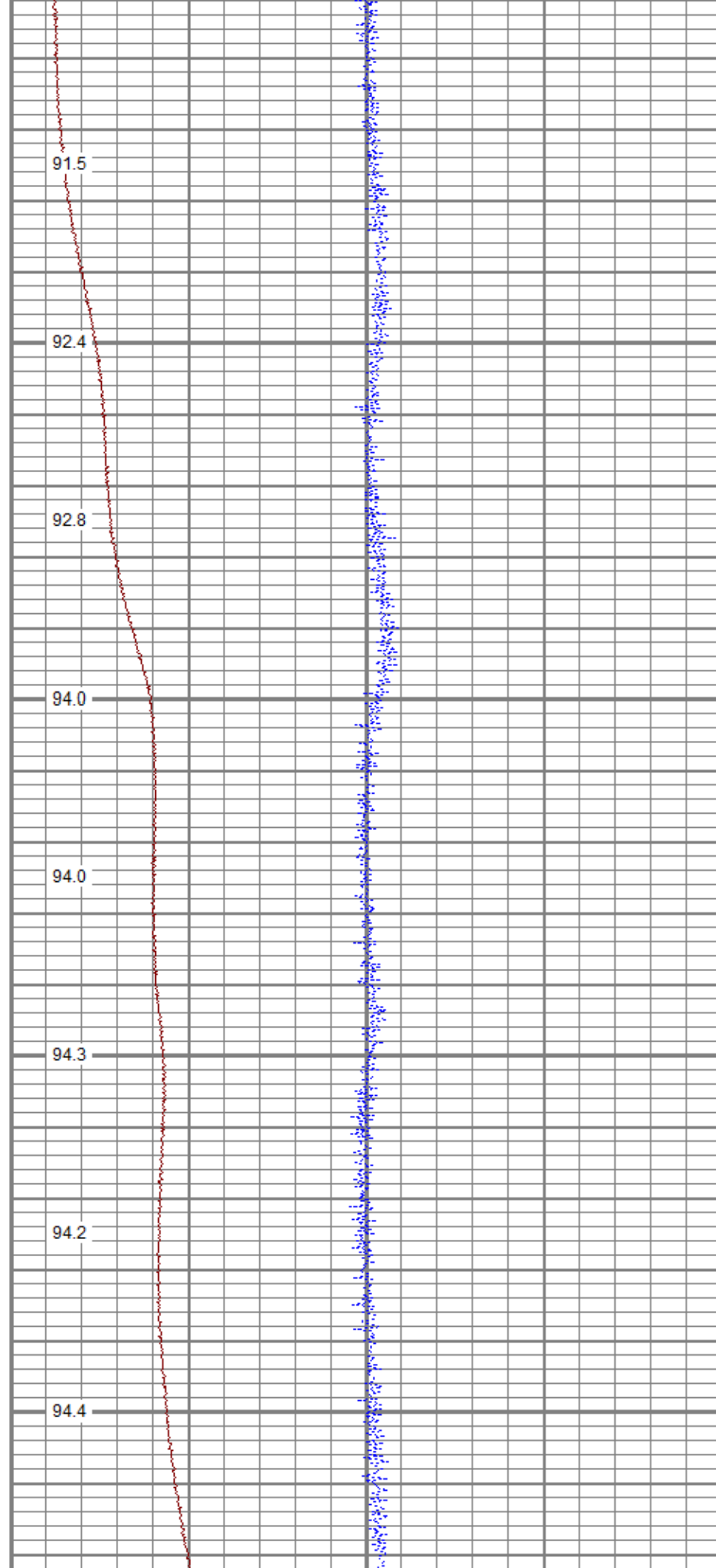
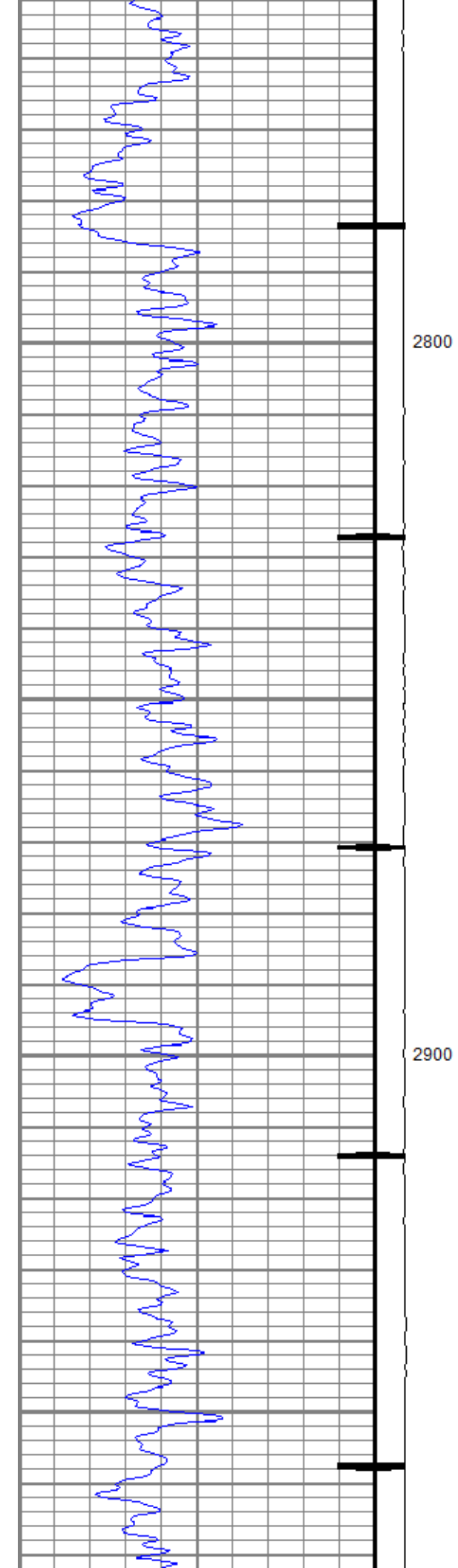
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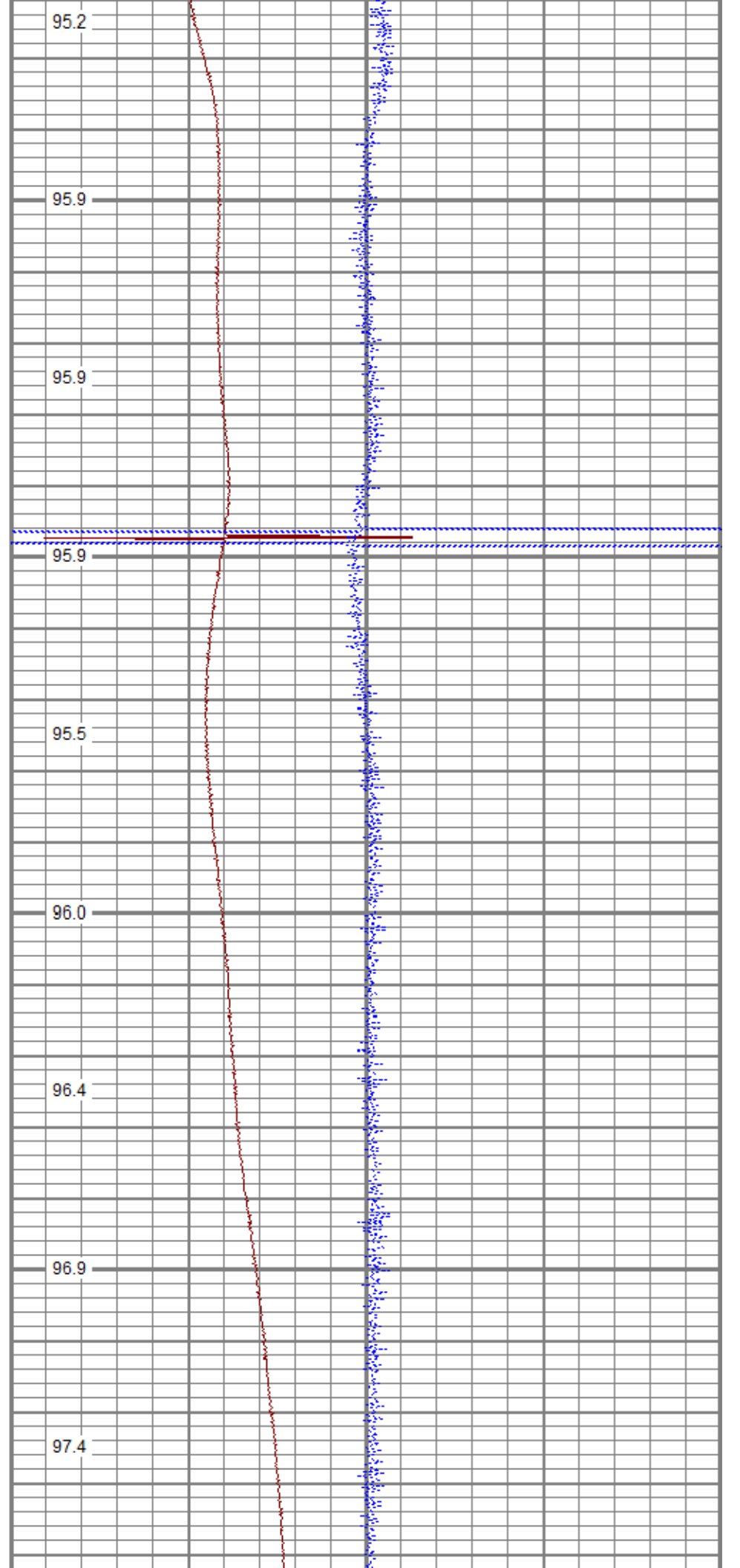
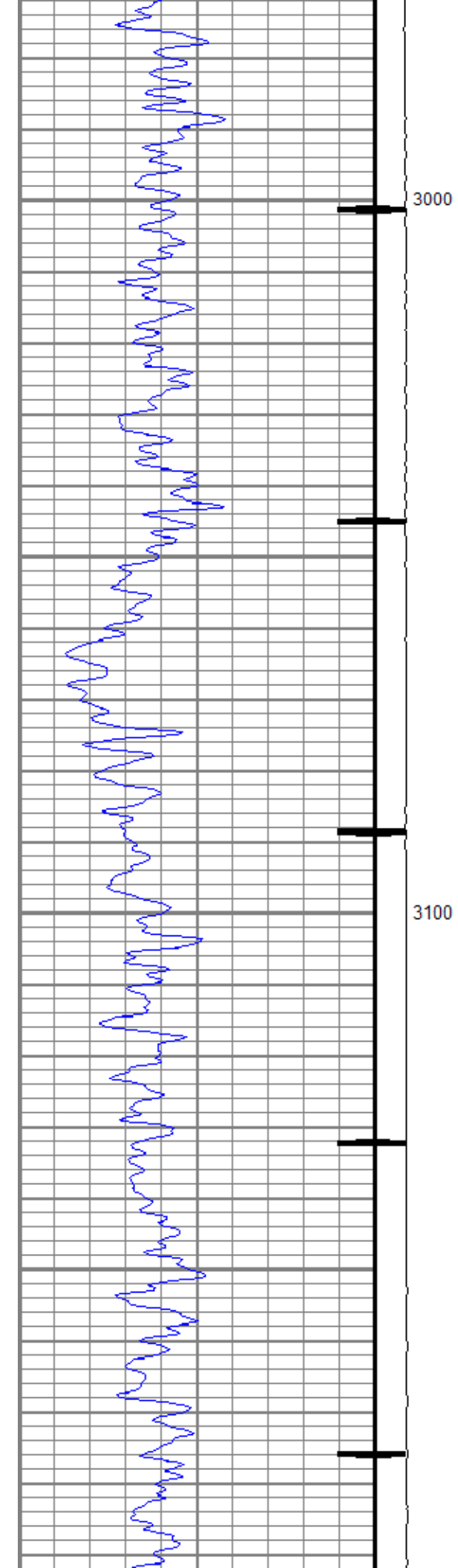
90.6

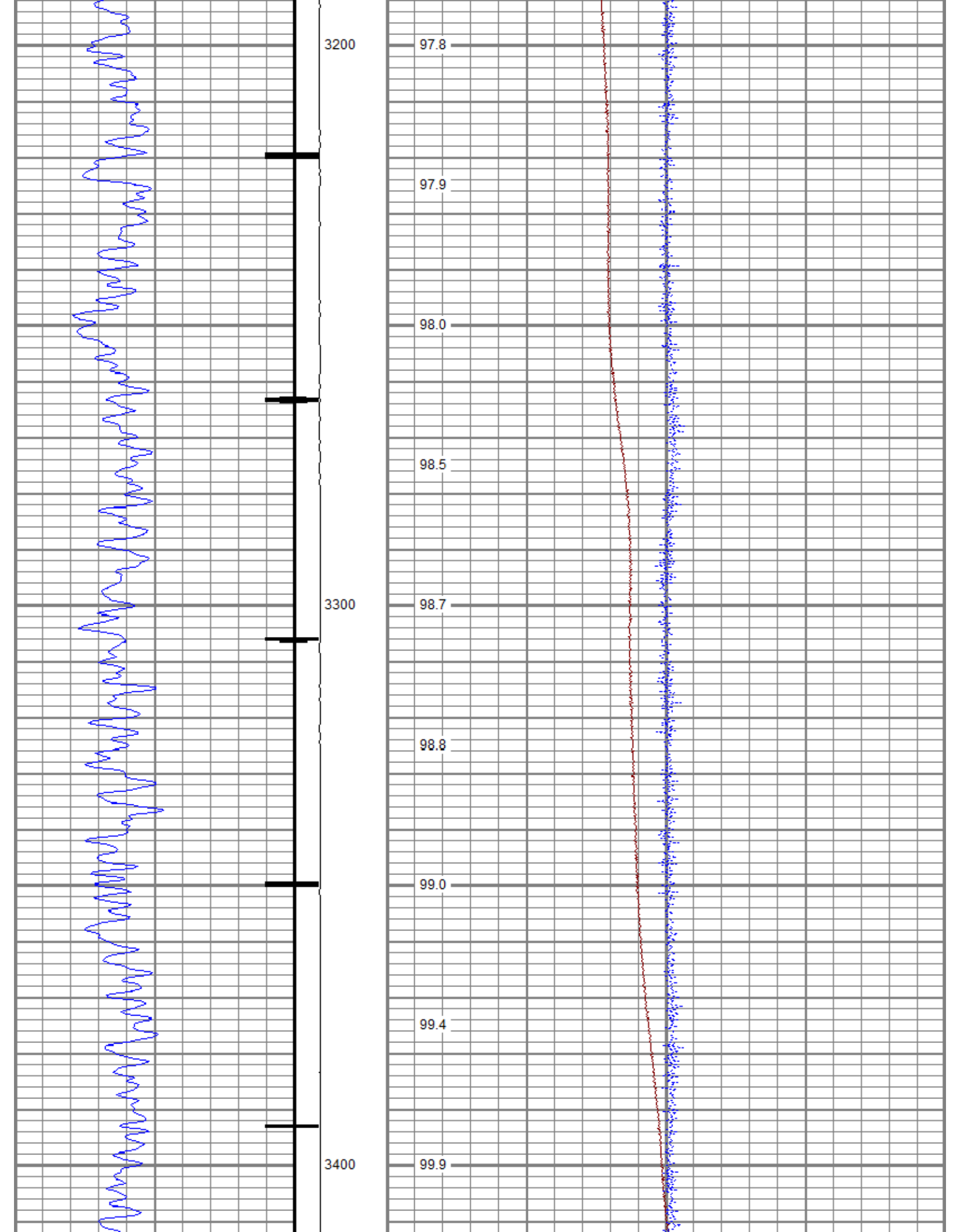
91.0

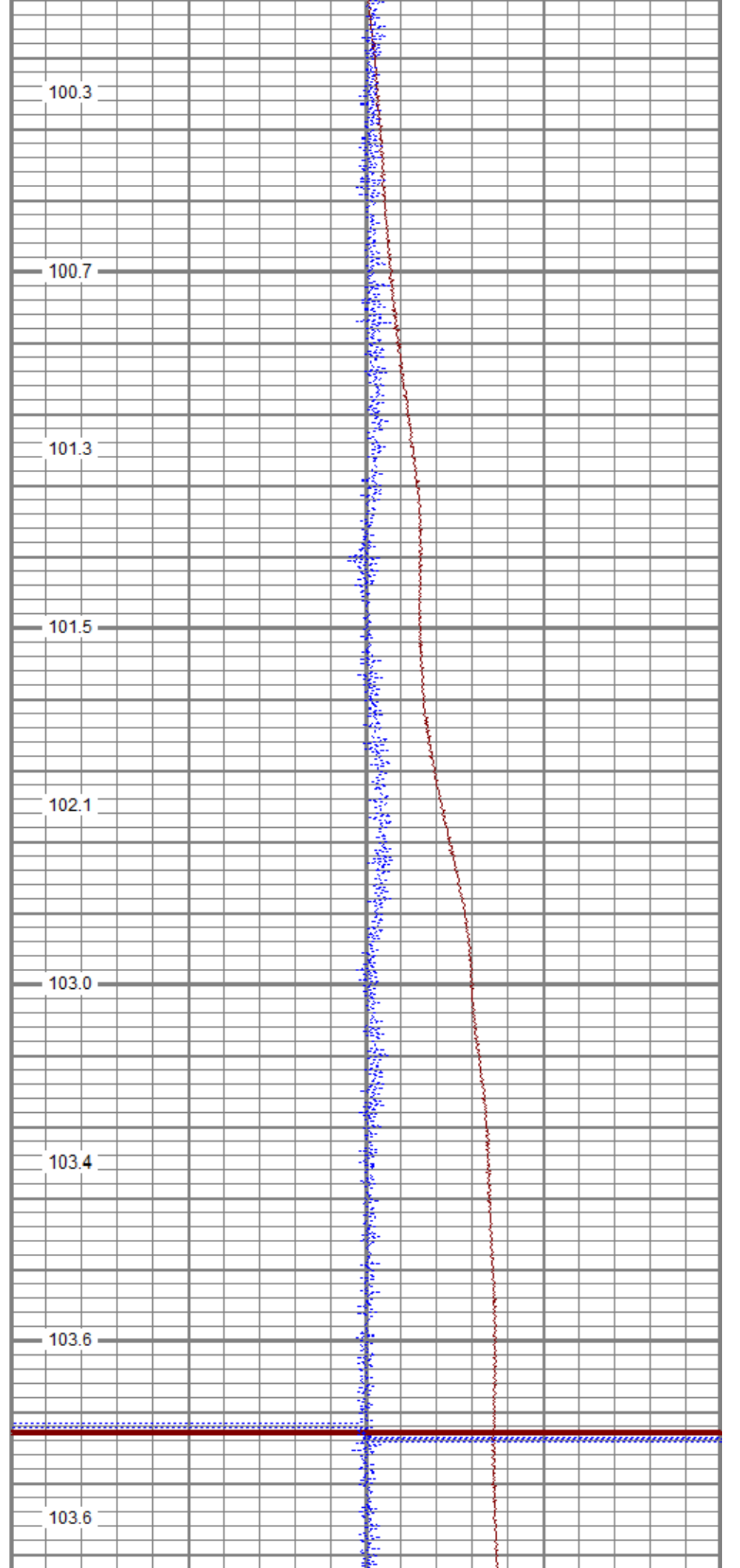
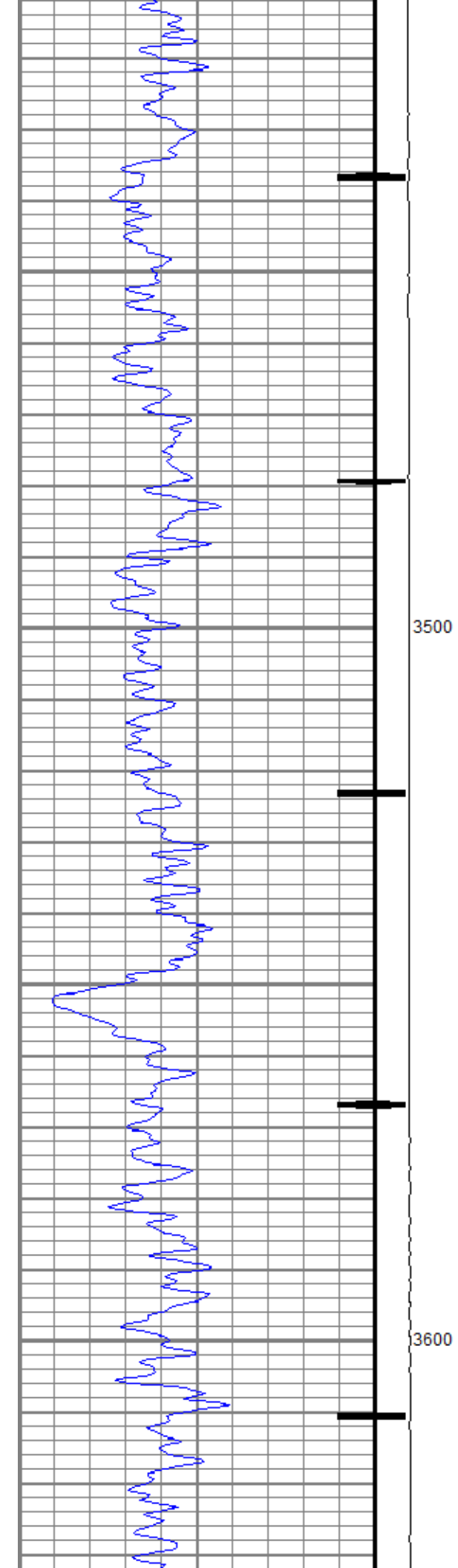
91.0

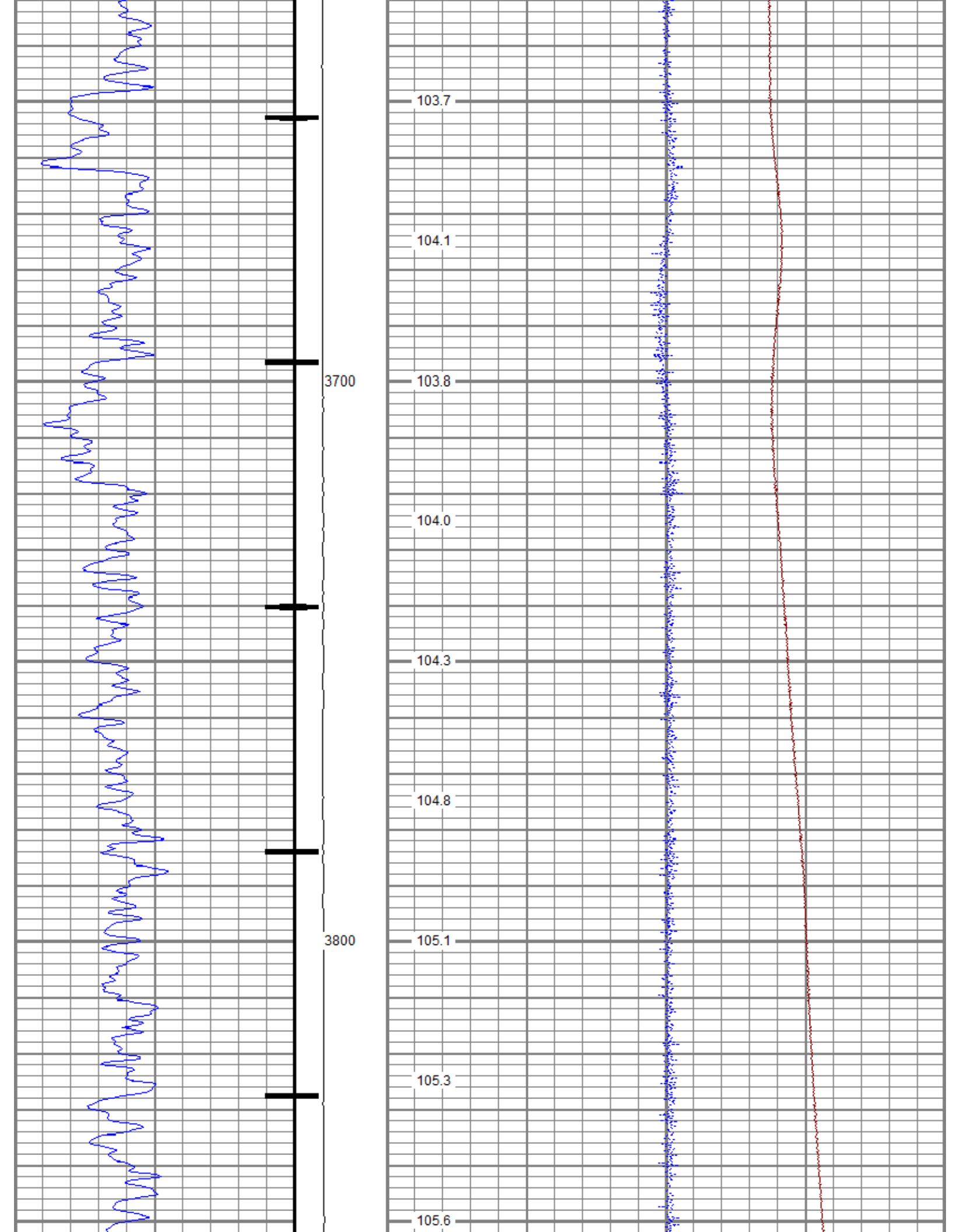
91.2

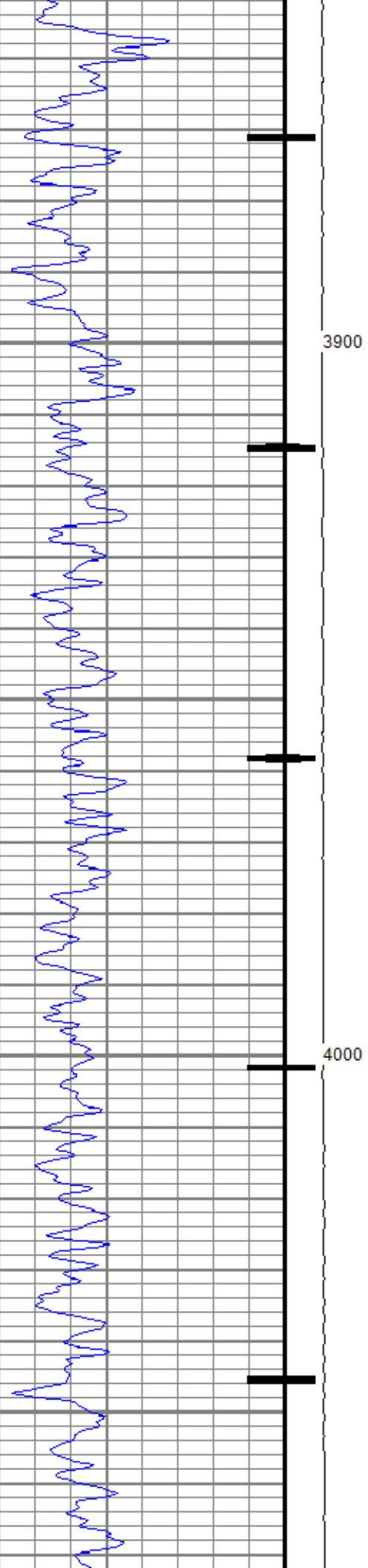












106.0

106.5

106.9

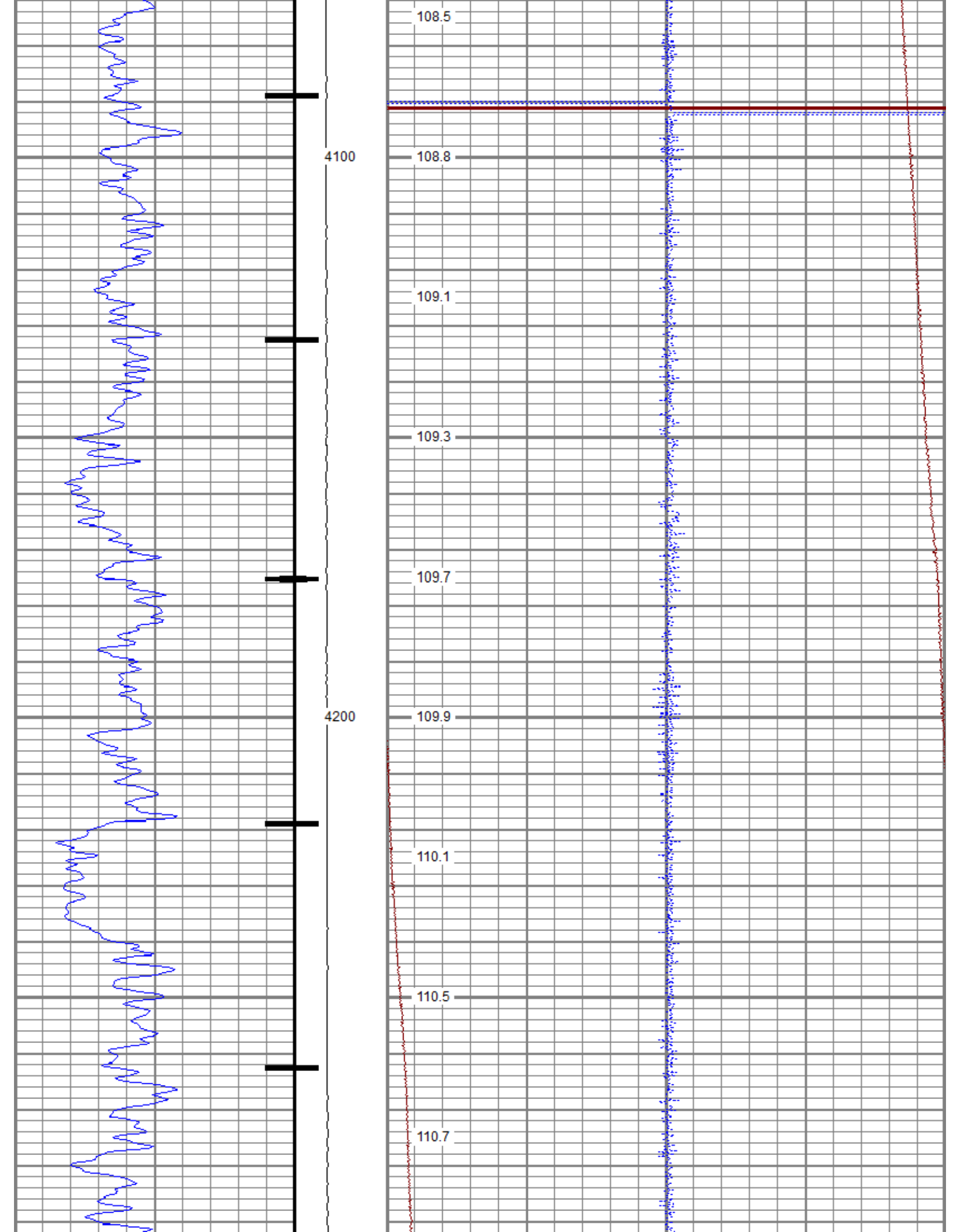
107.2

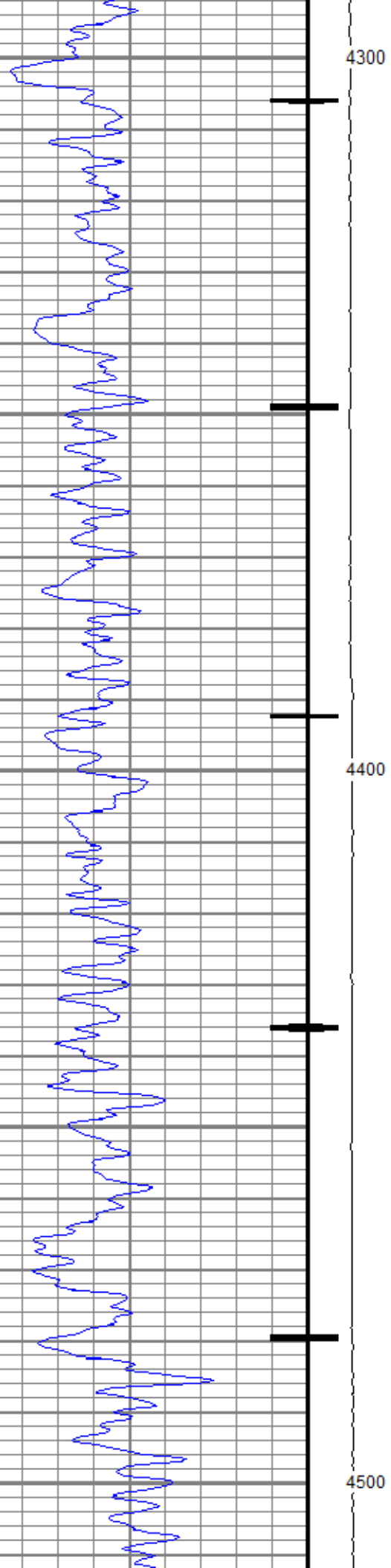
107.5

107.7

108.0

108.2





110.9

111.2

111.5

111.8

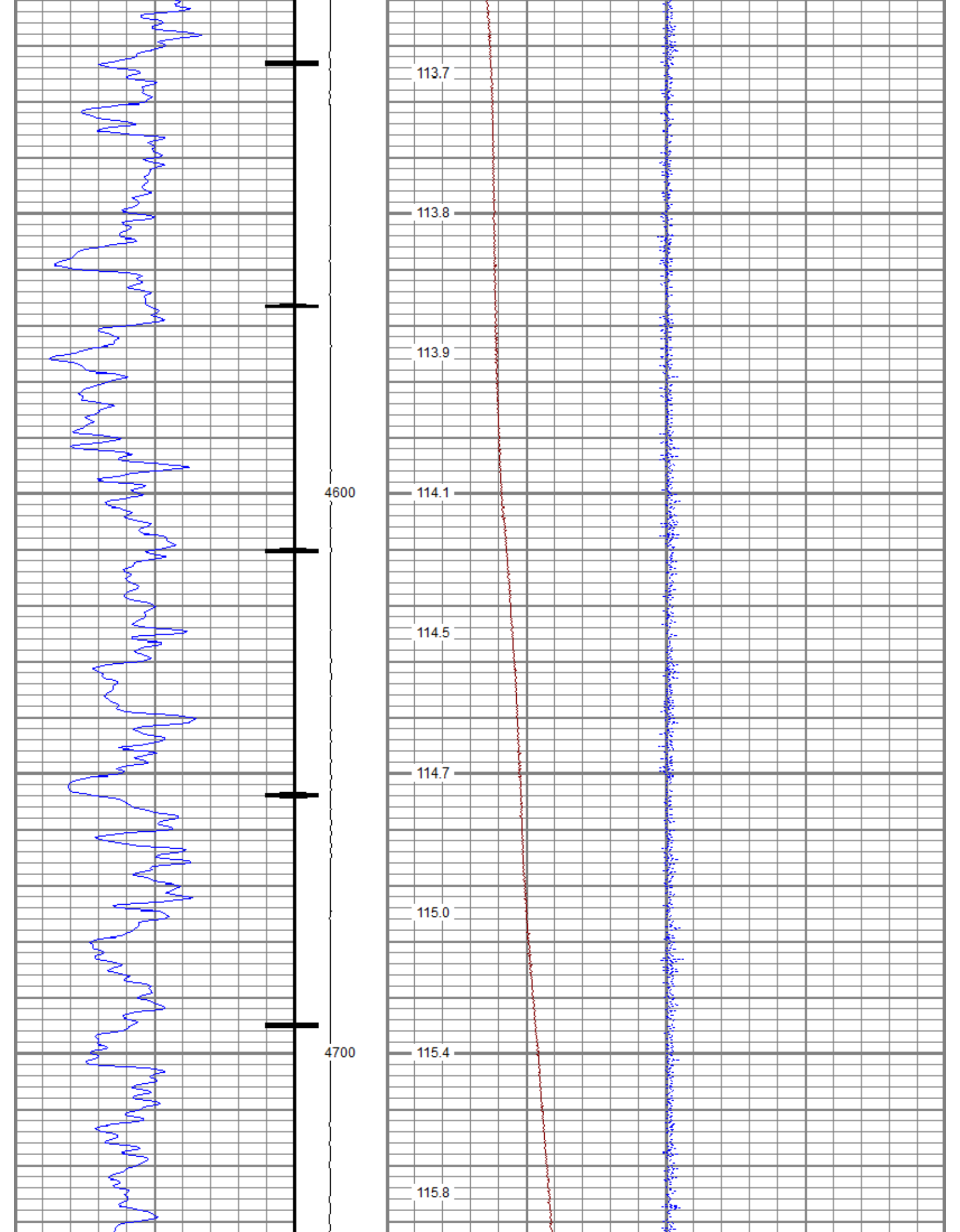
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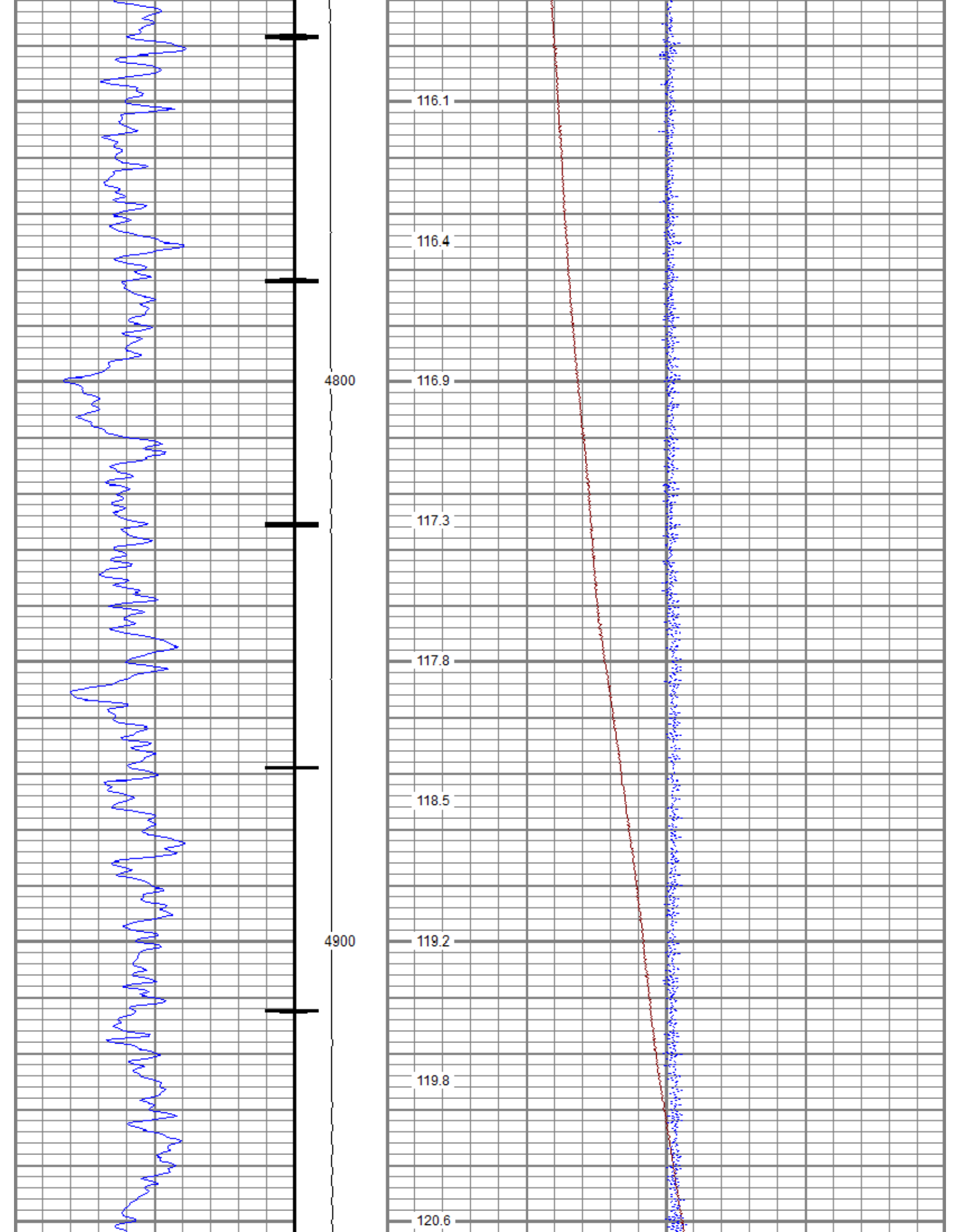
112.4

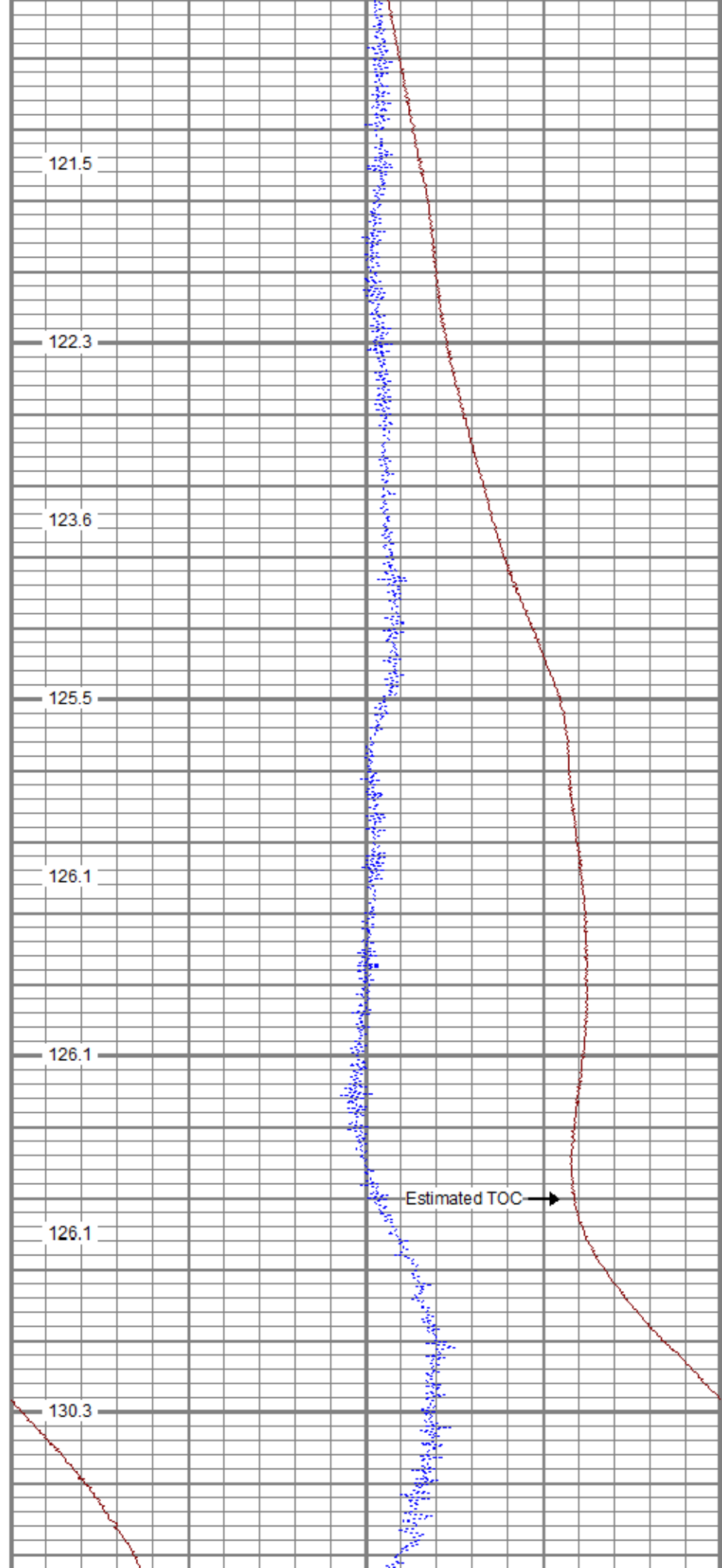
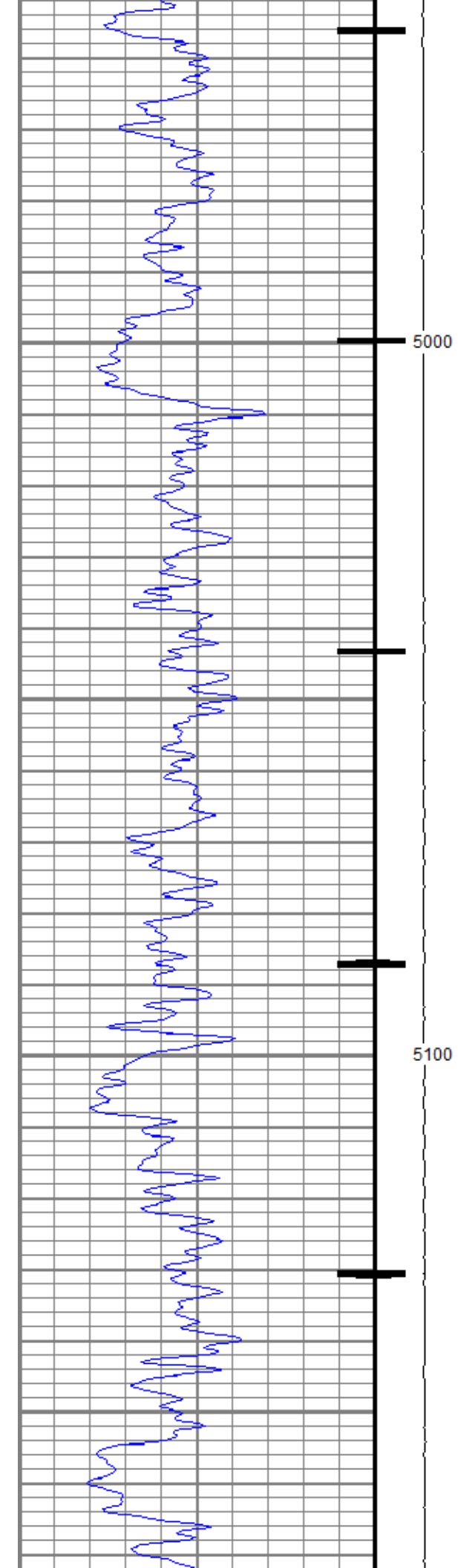
112.7

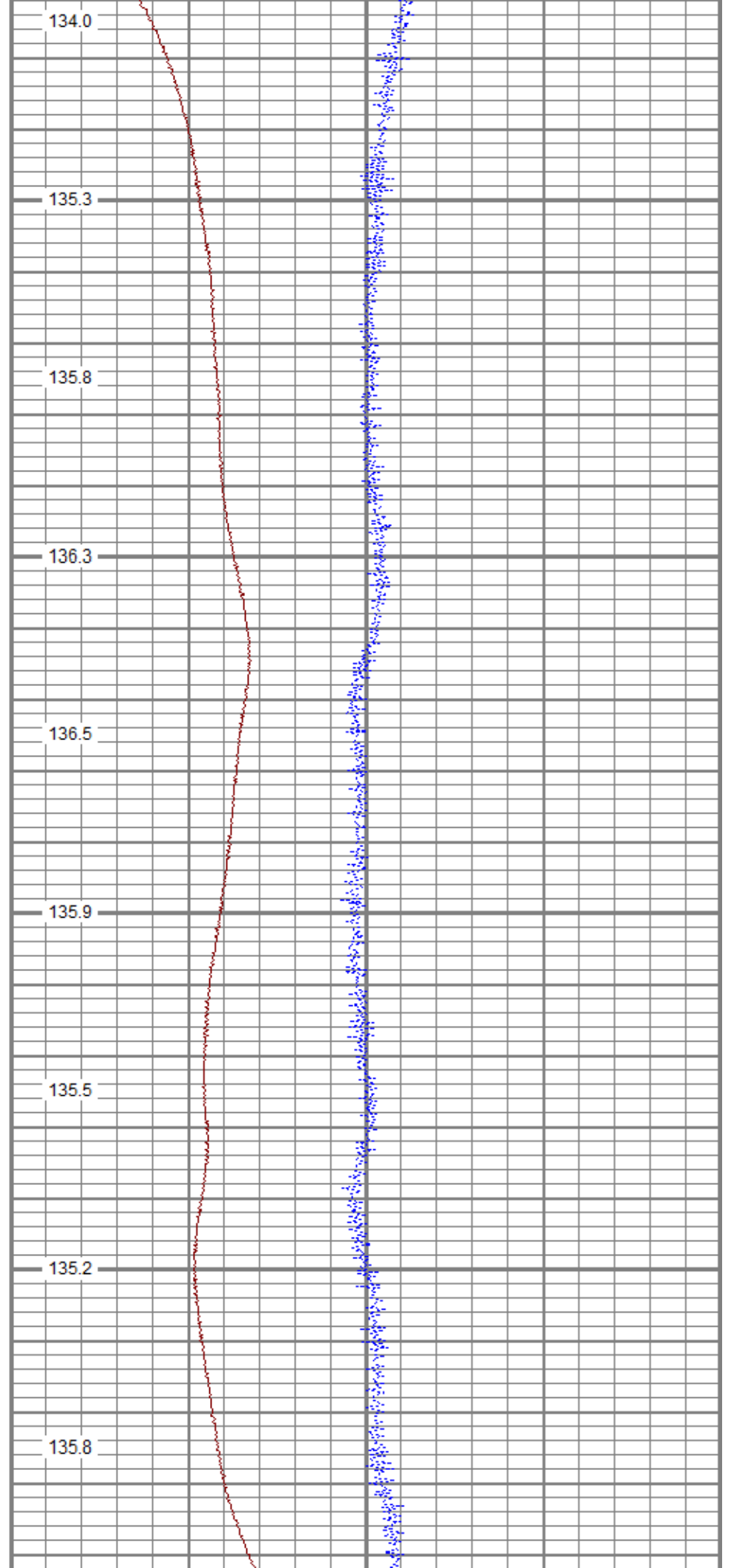
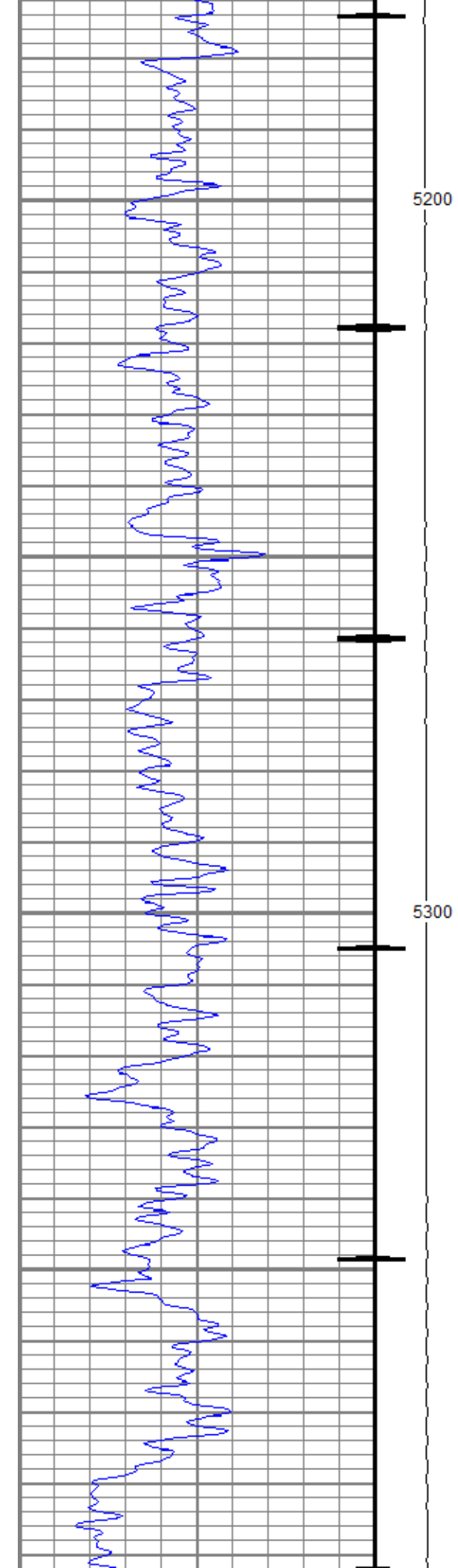
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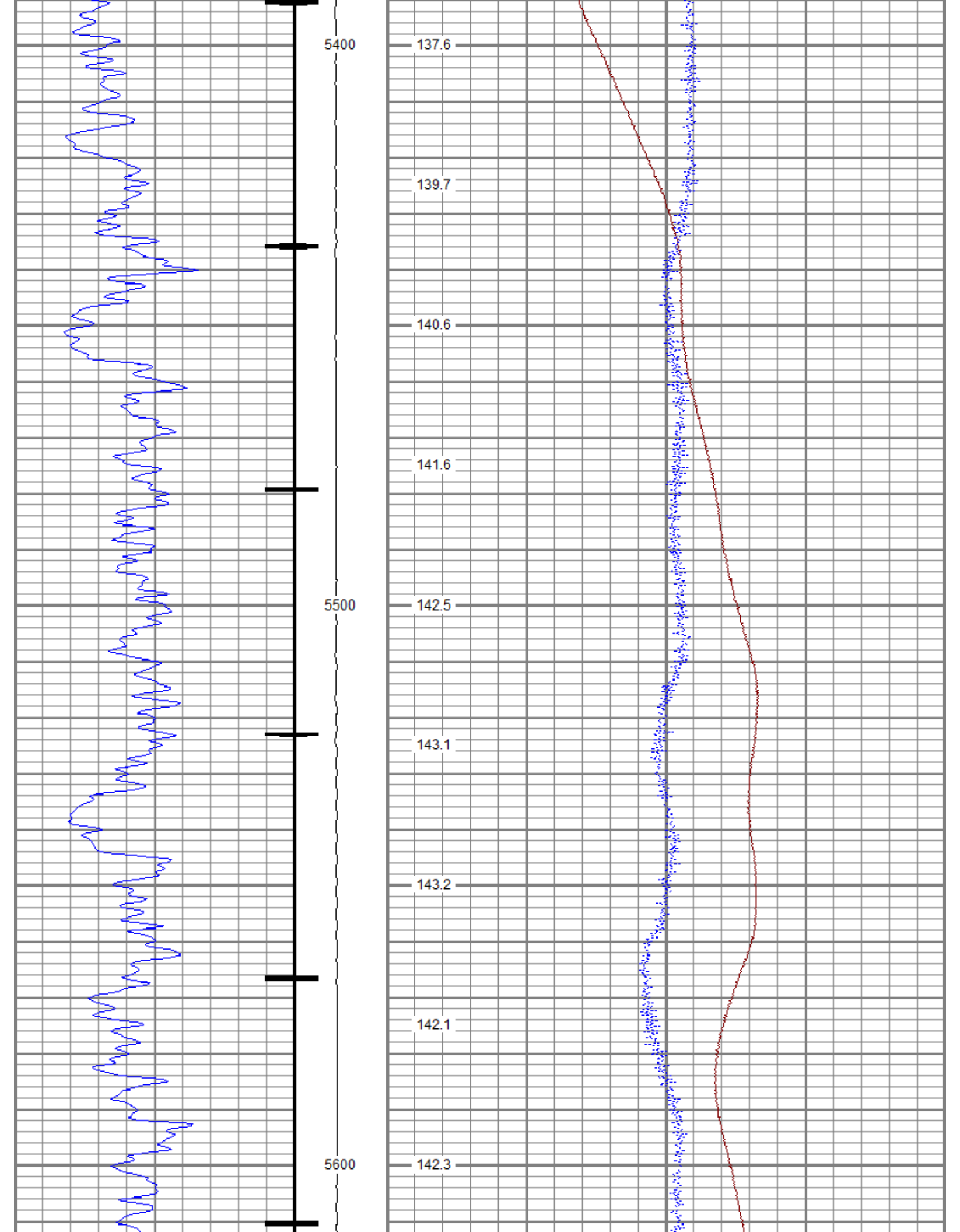
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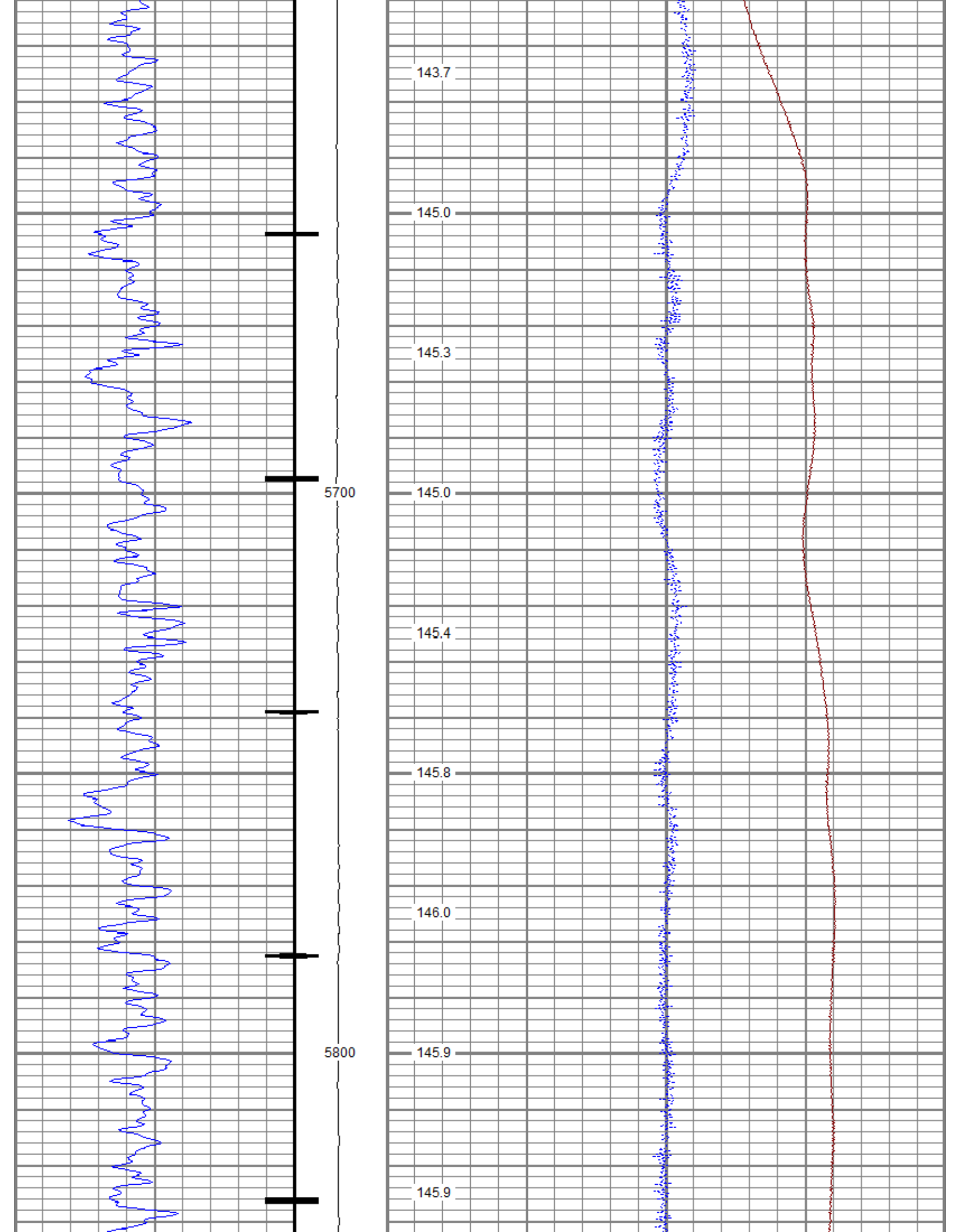


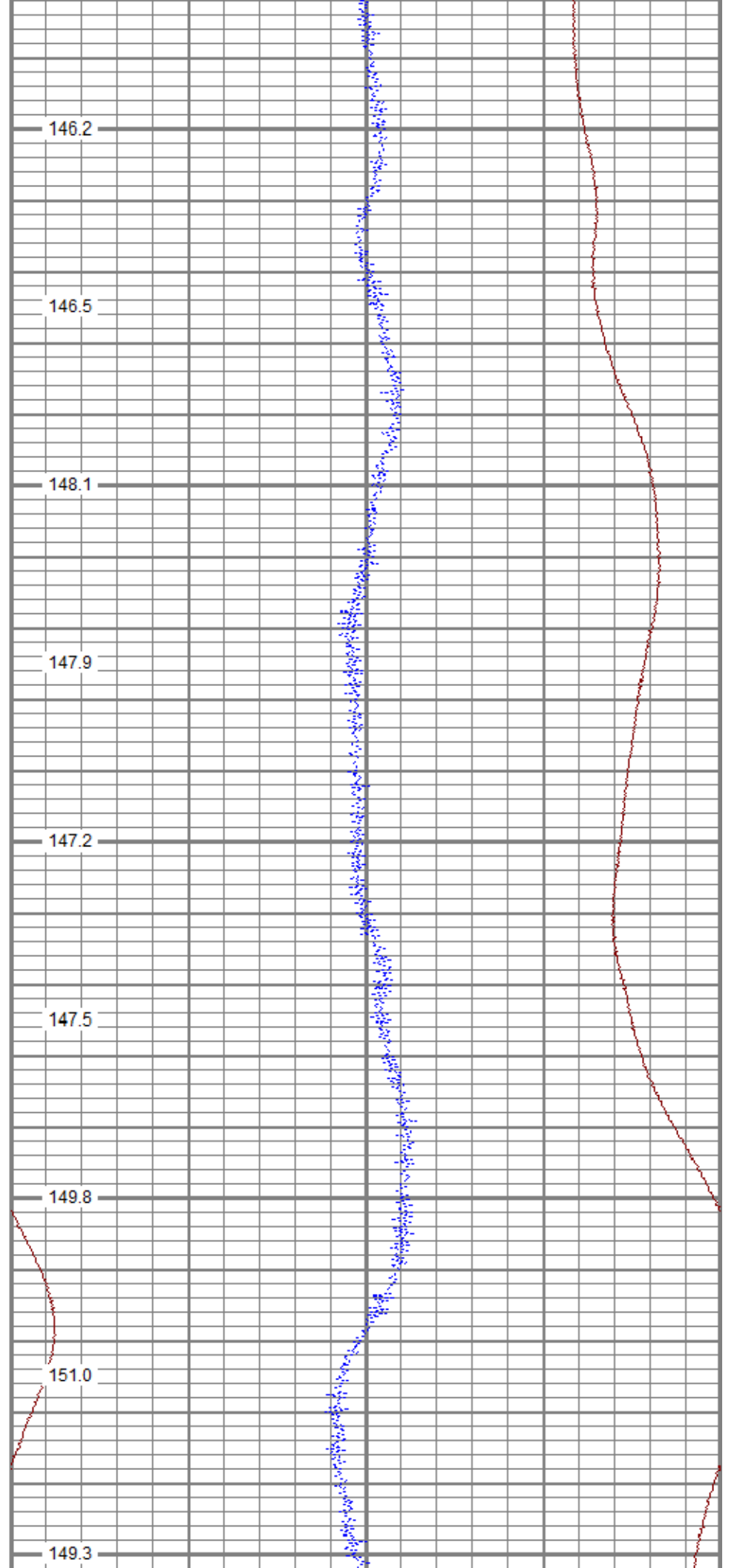
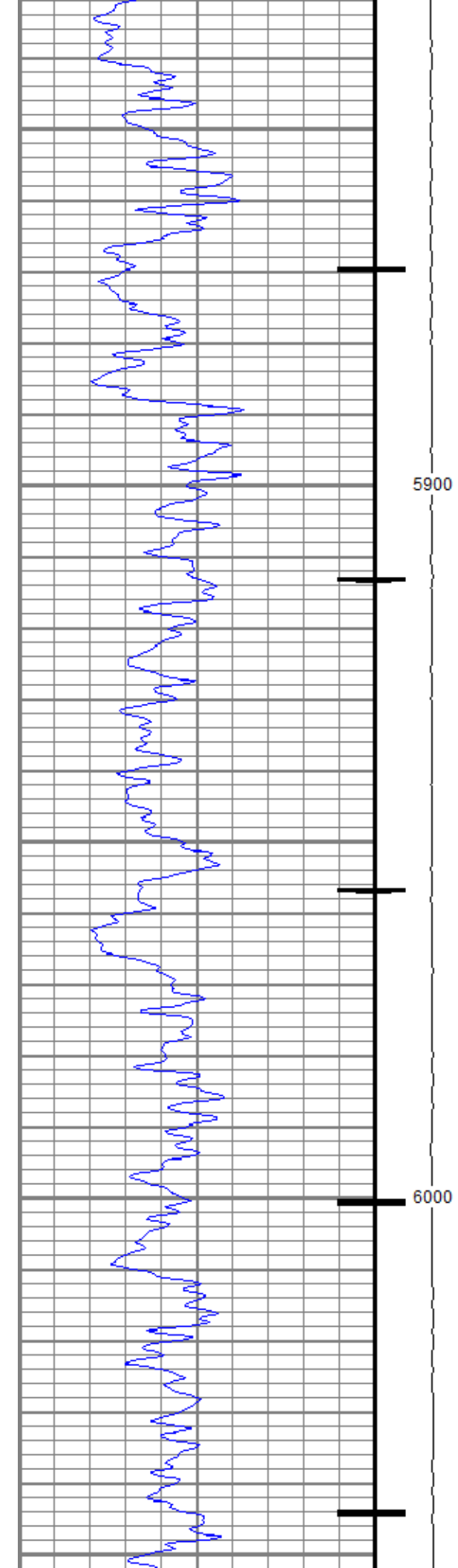


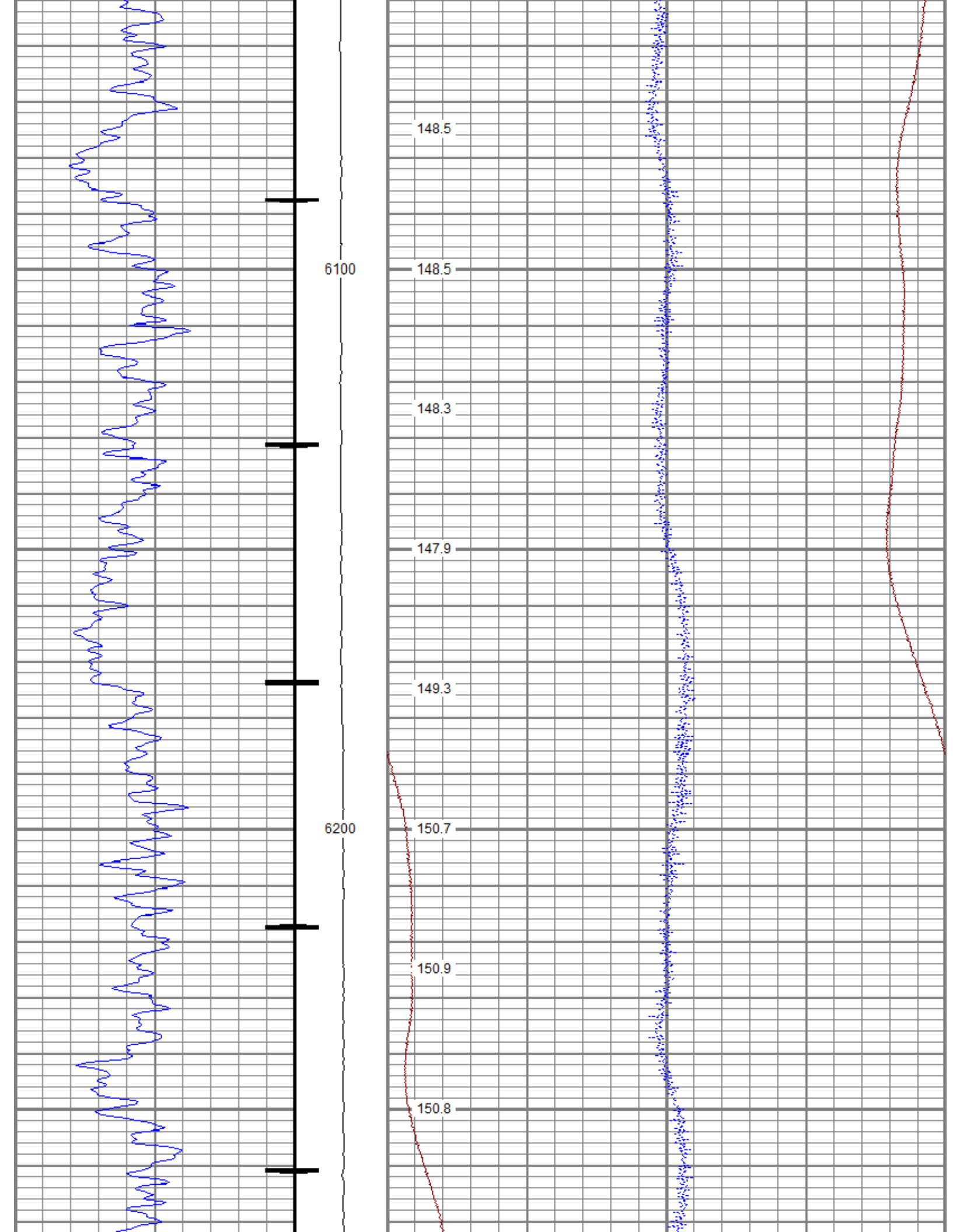


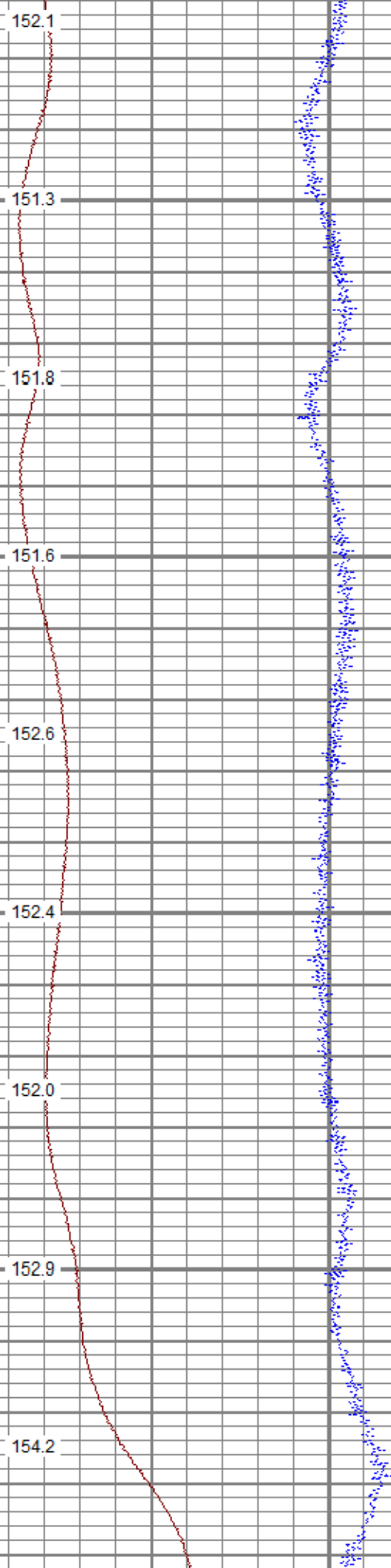
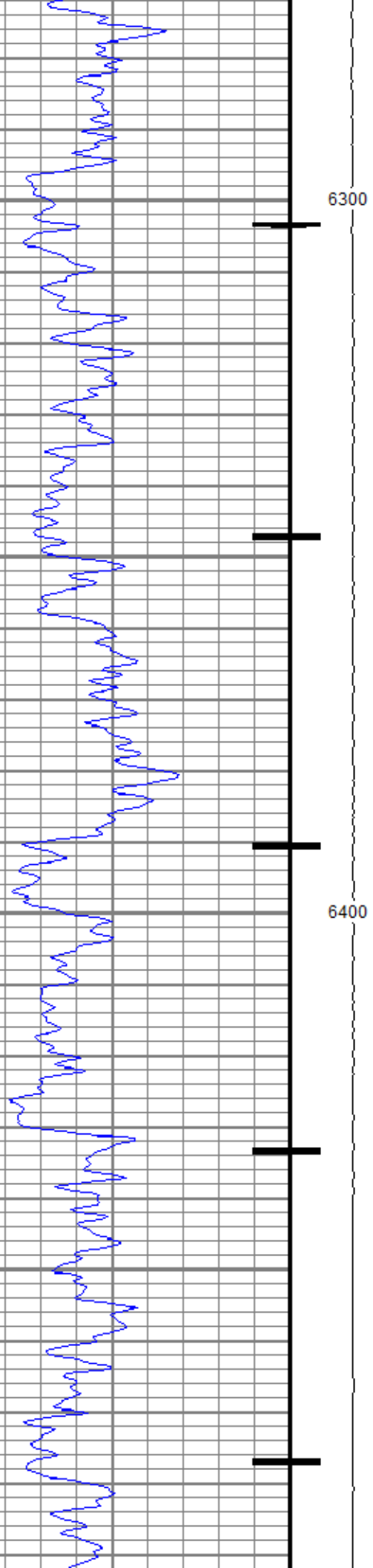


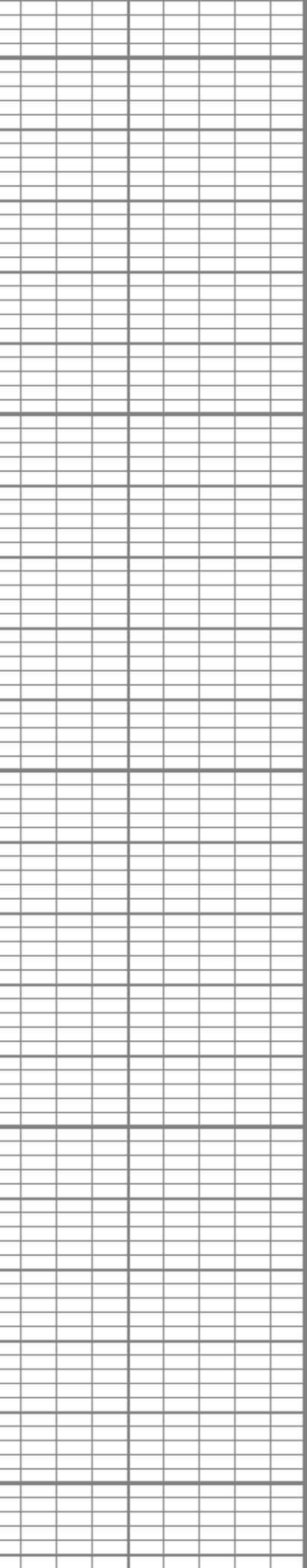
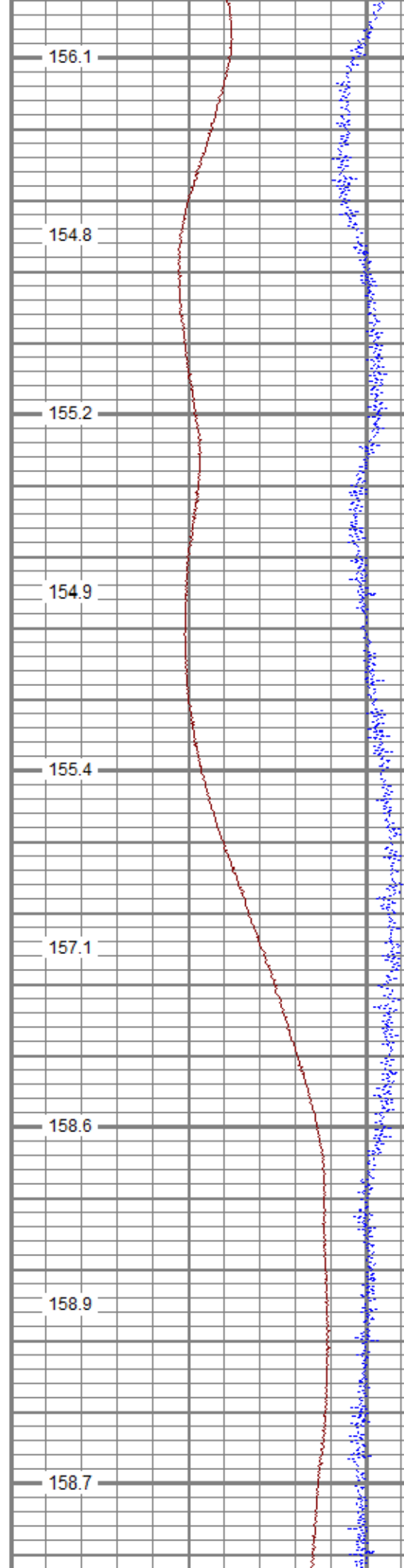
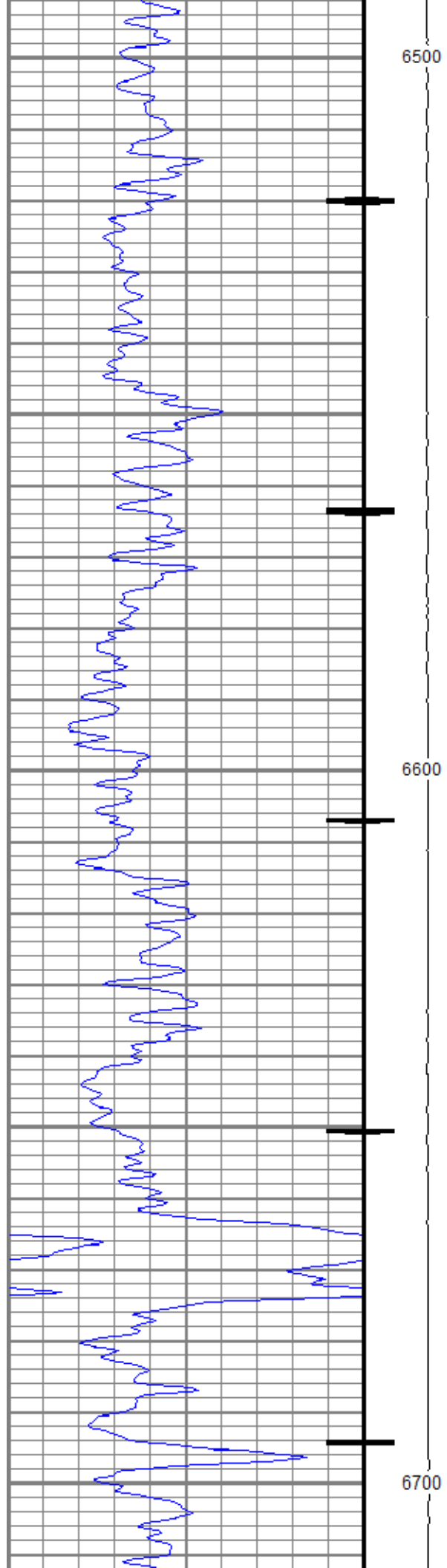


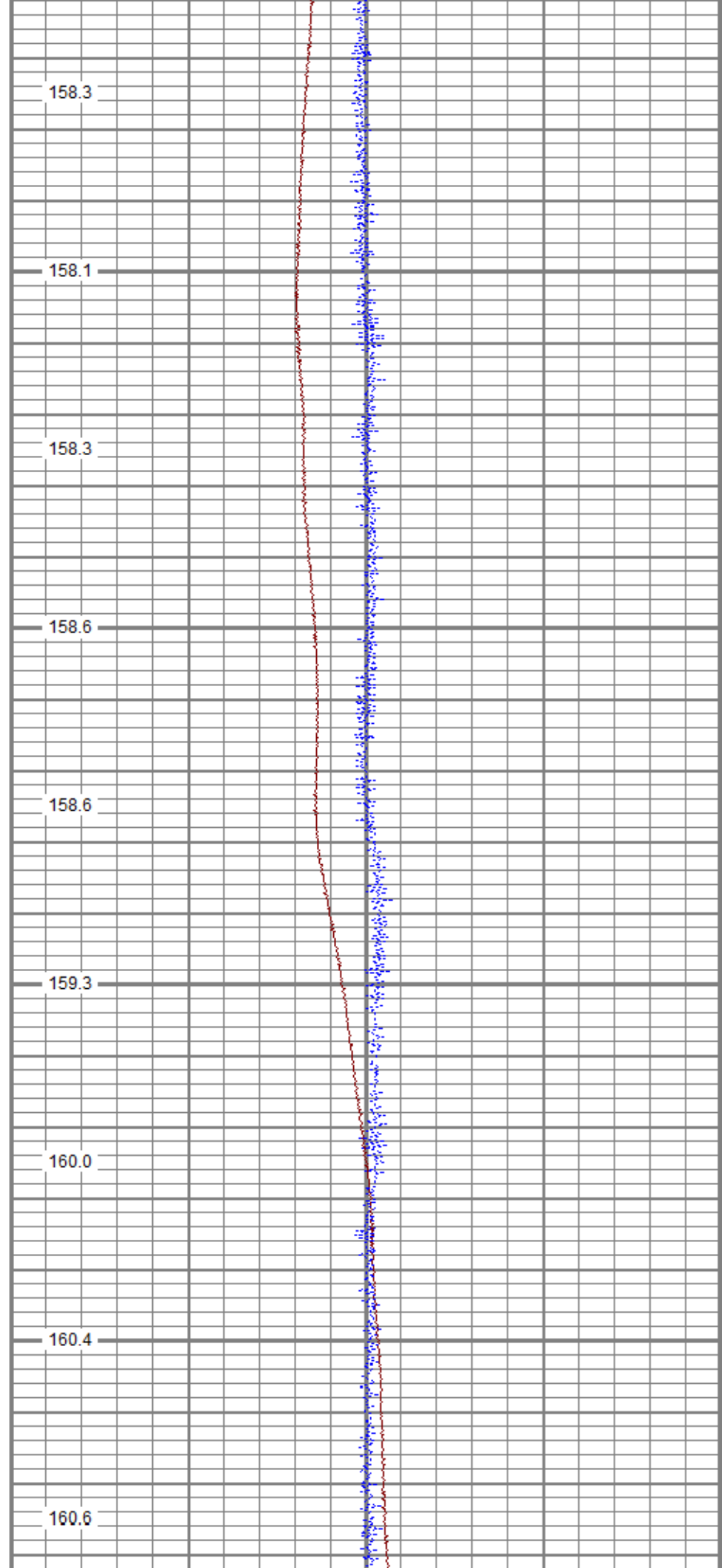
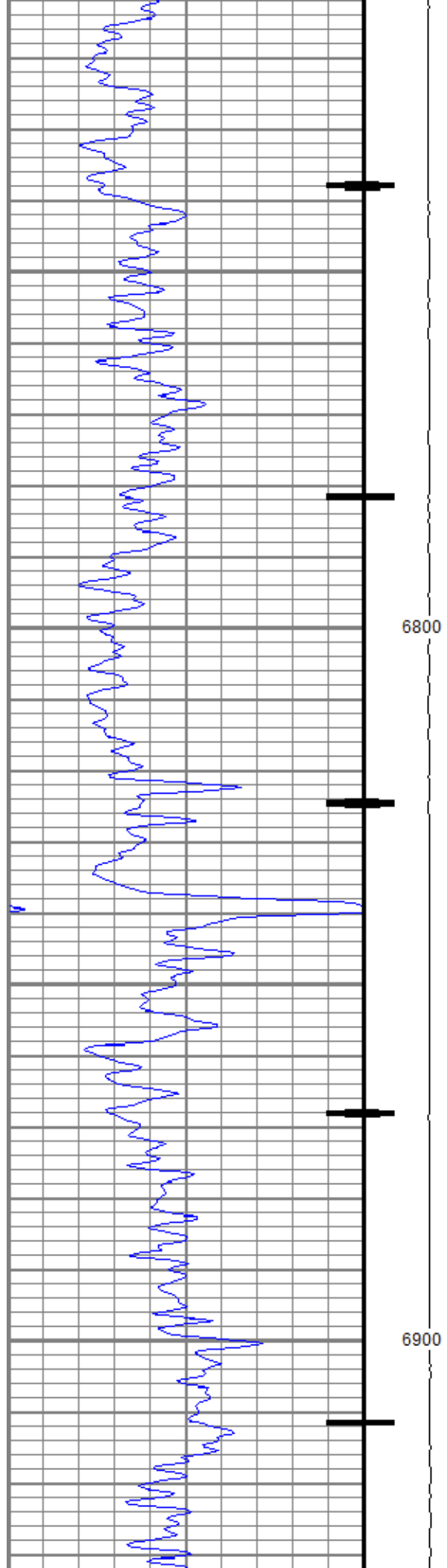


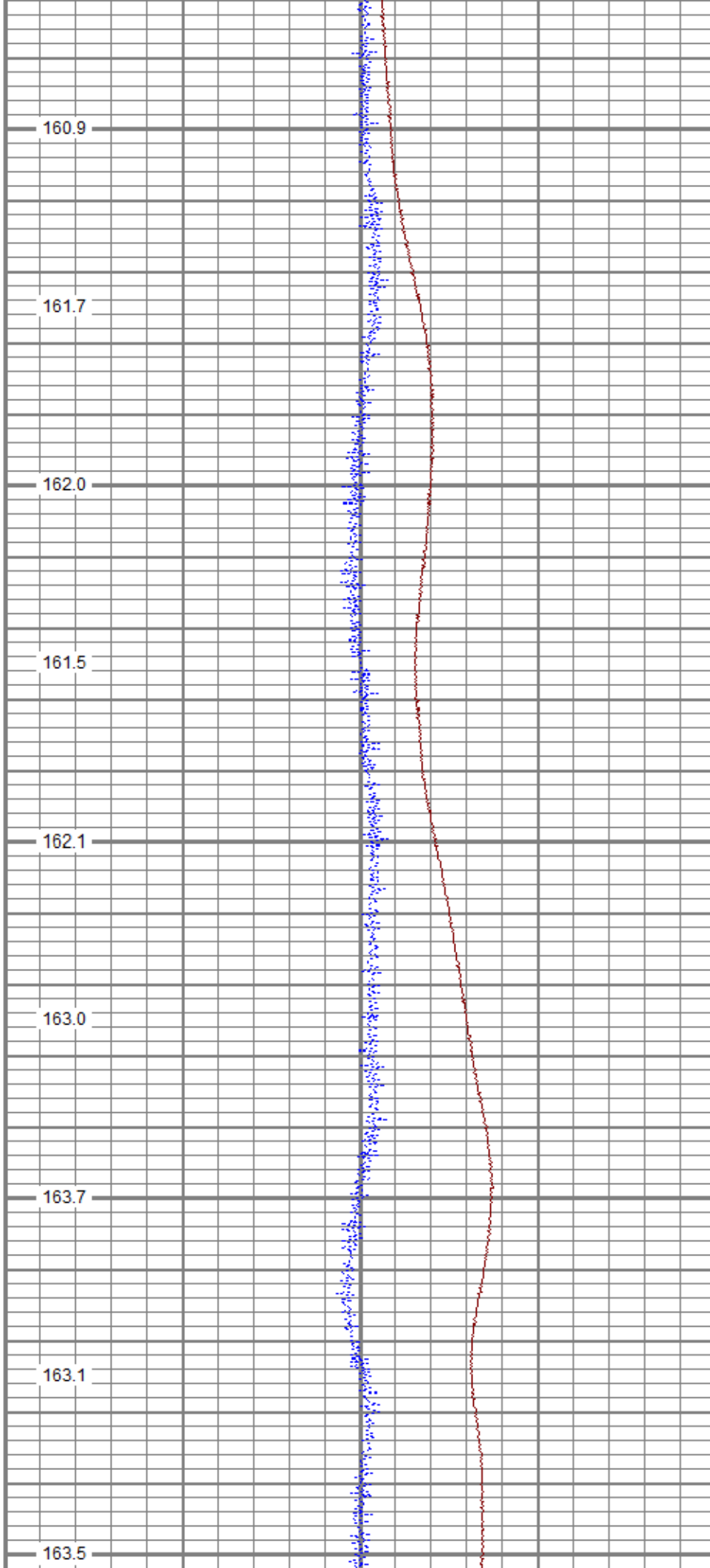
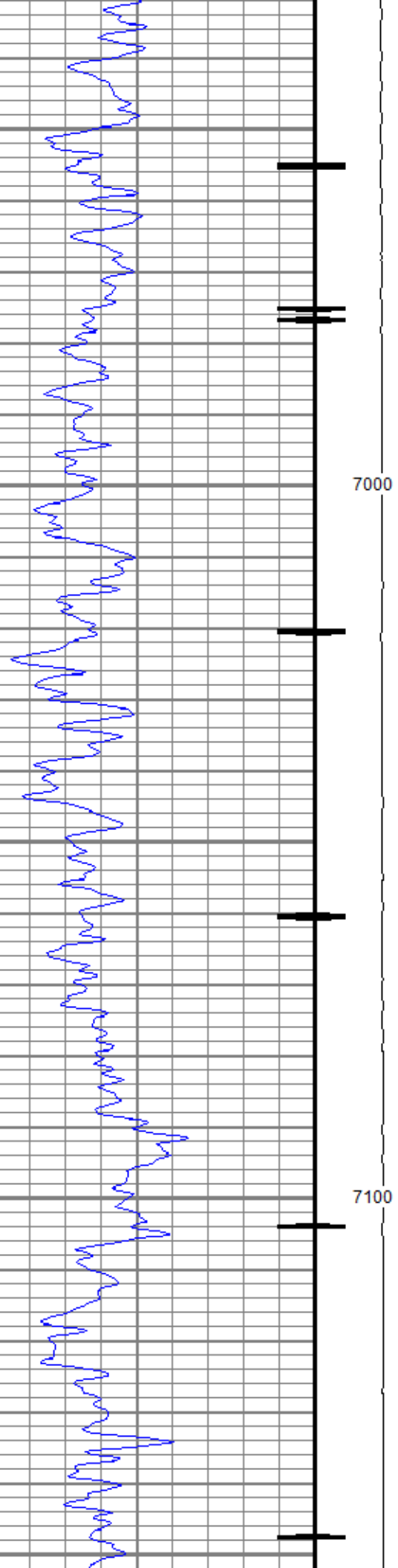


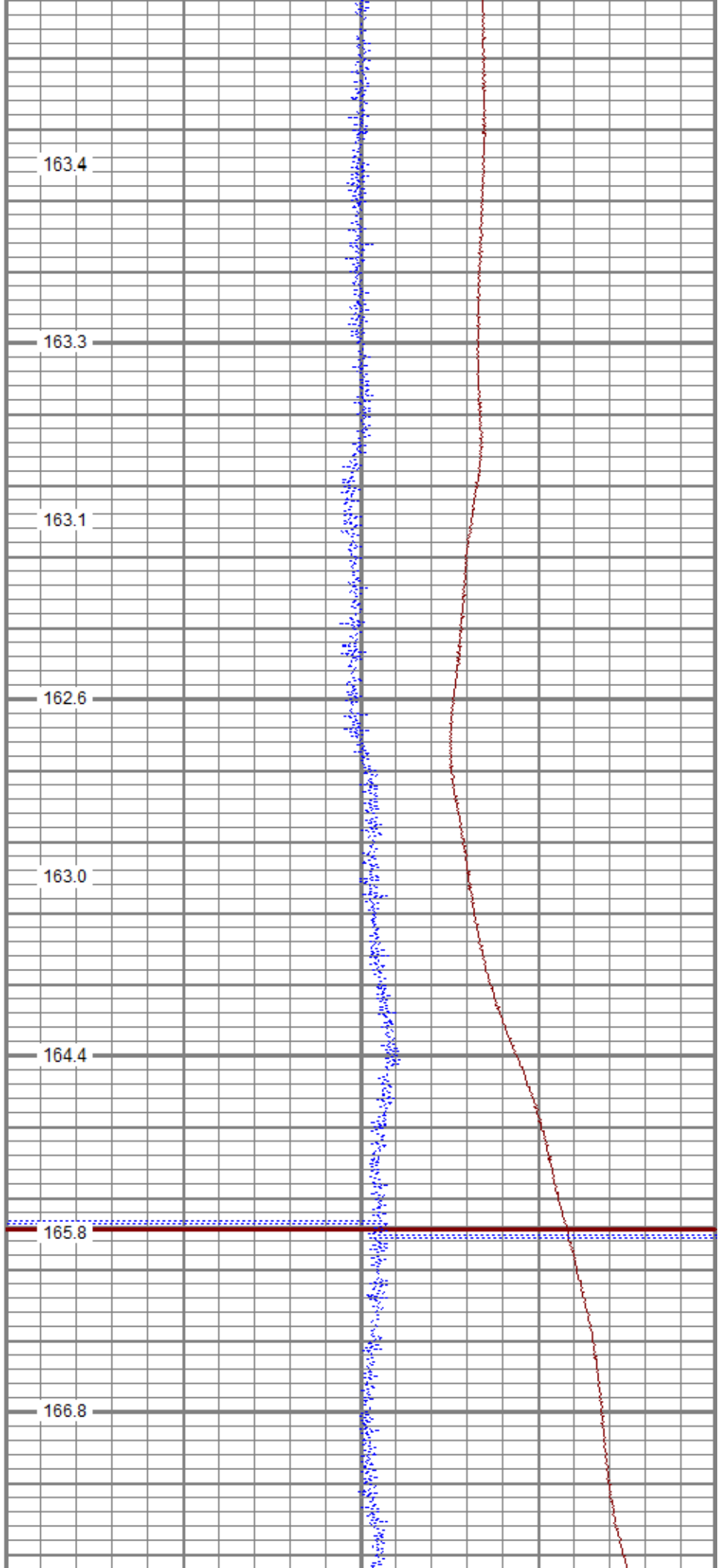
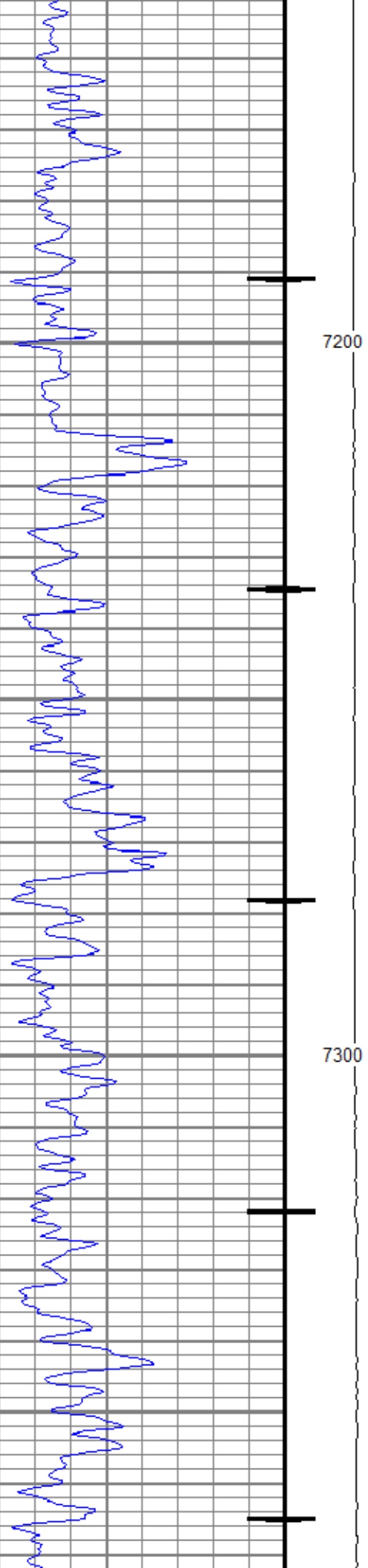


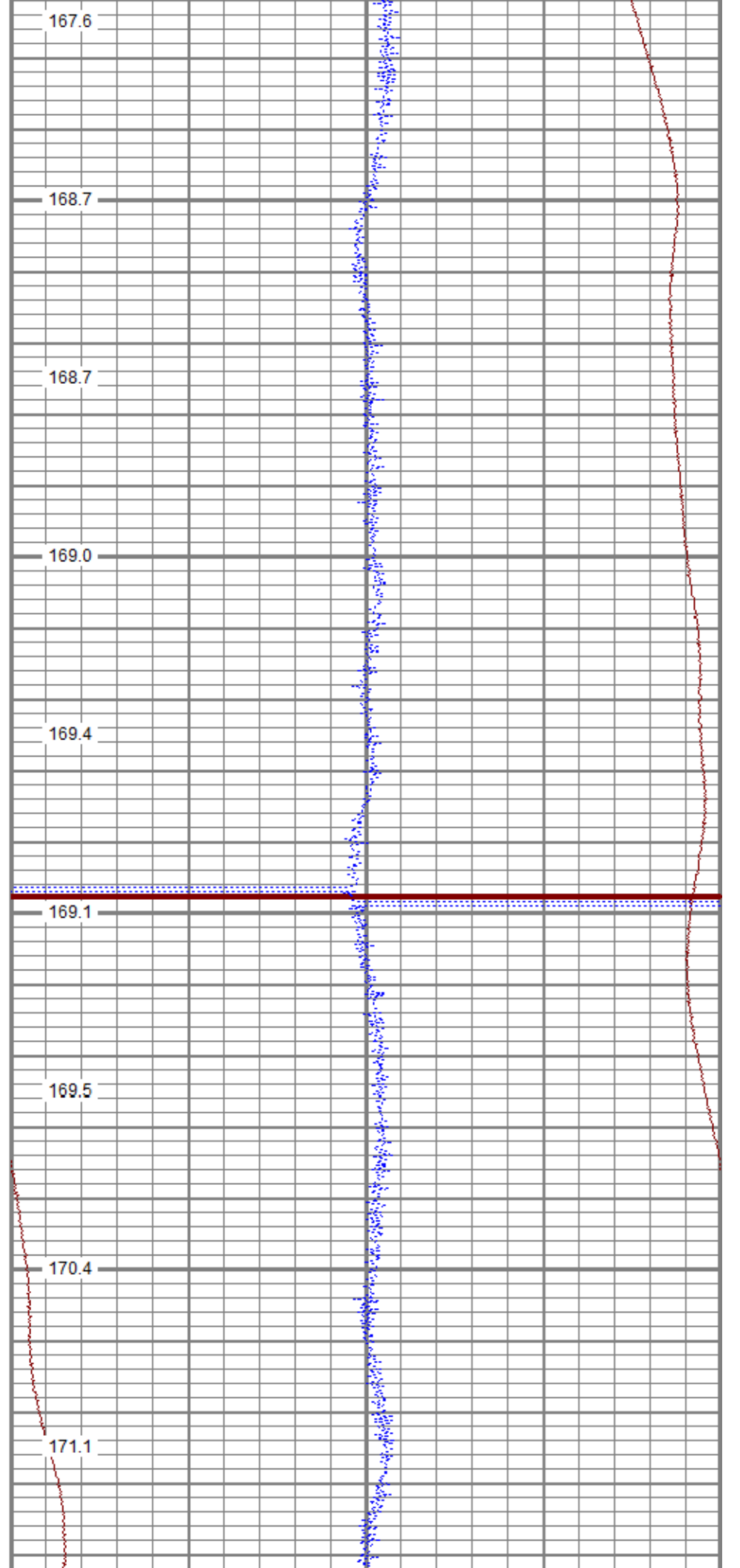
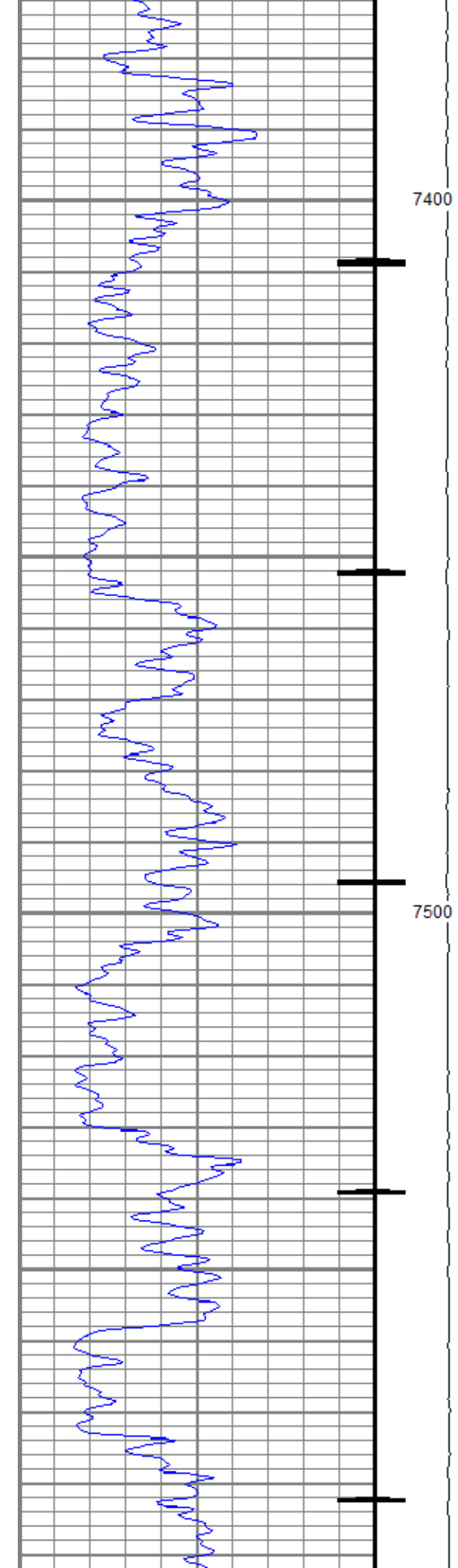


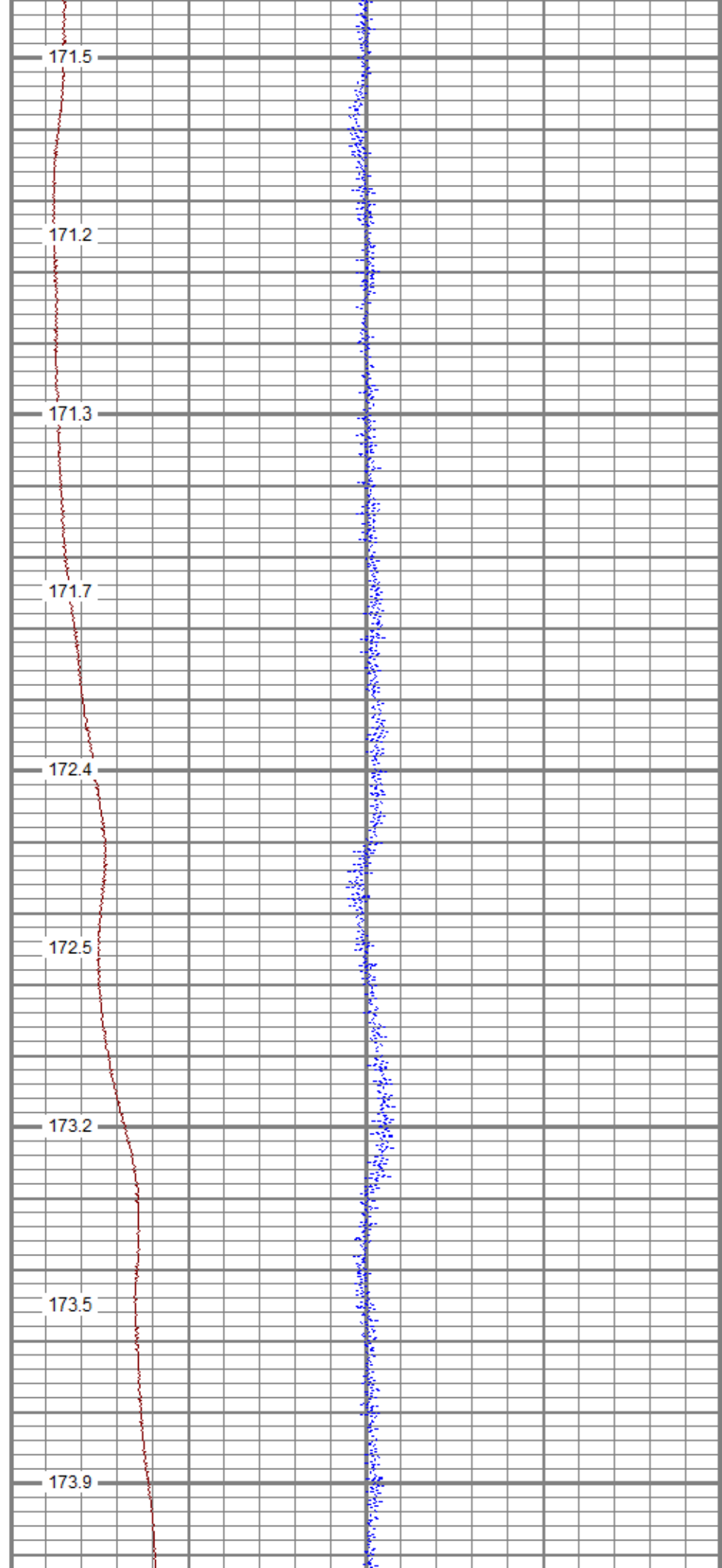
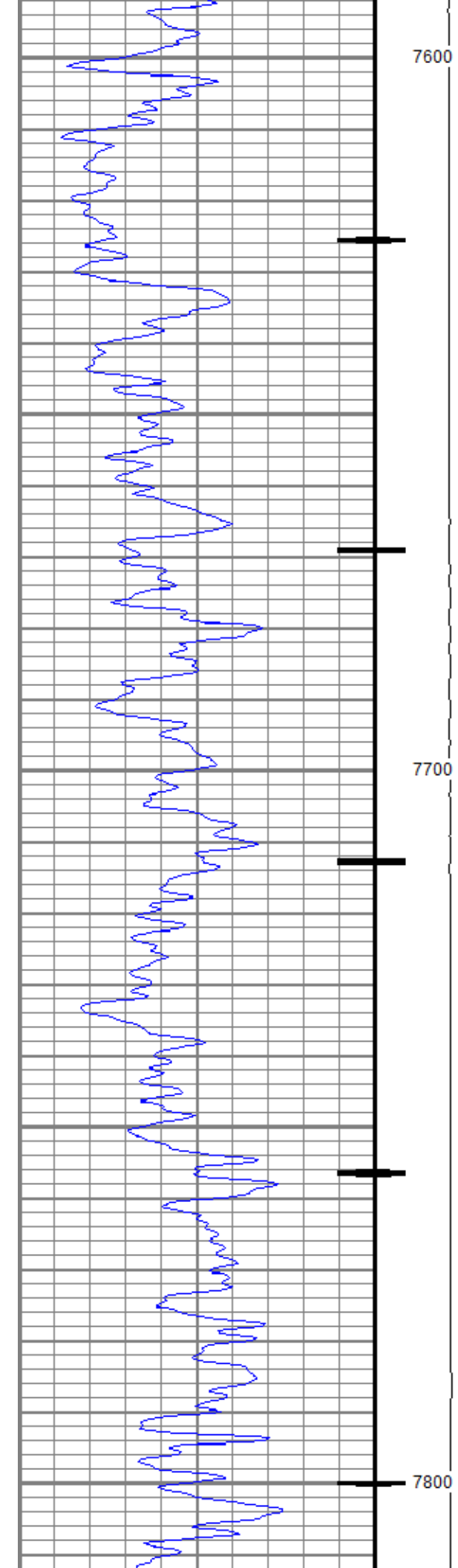


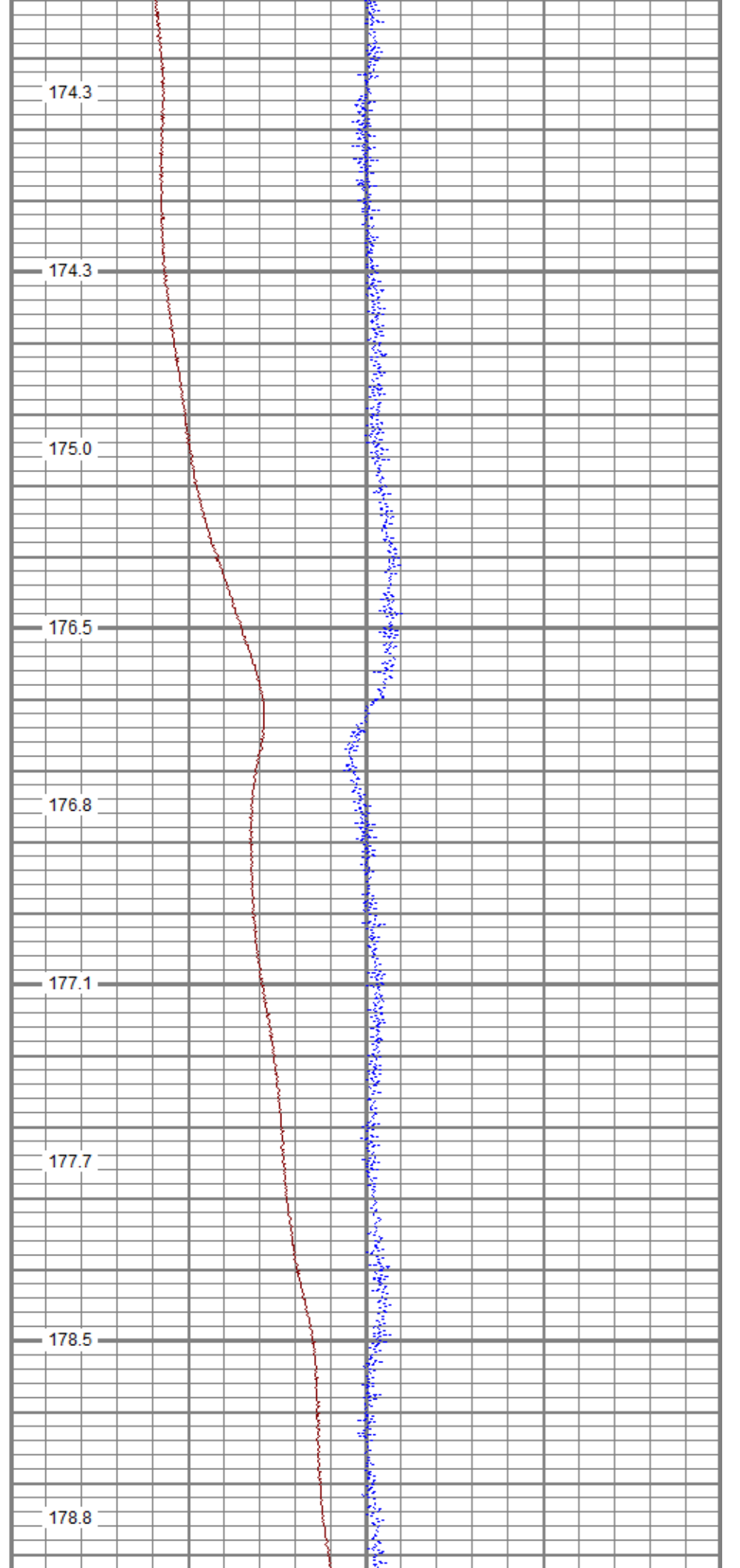
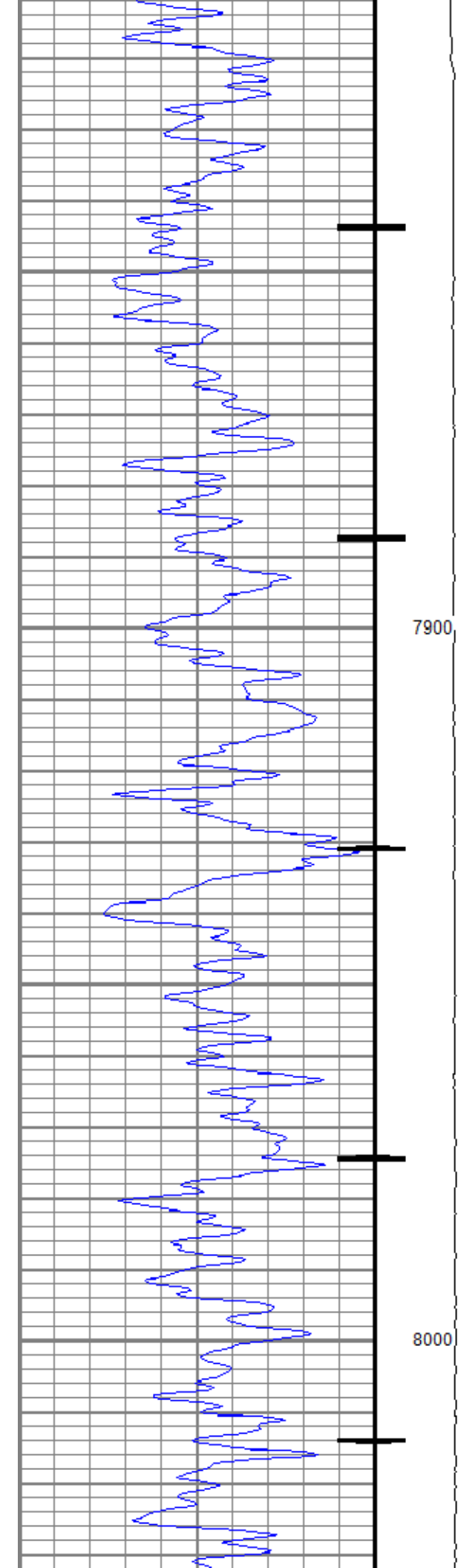


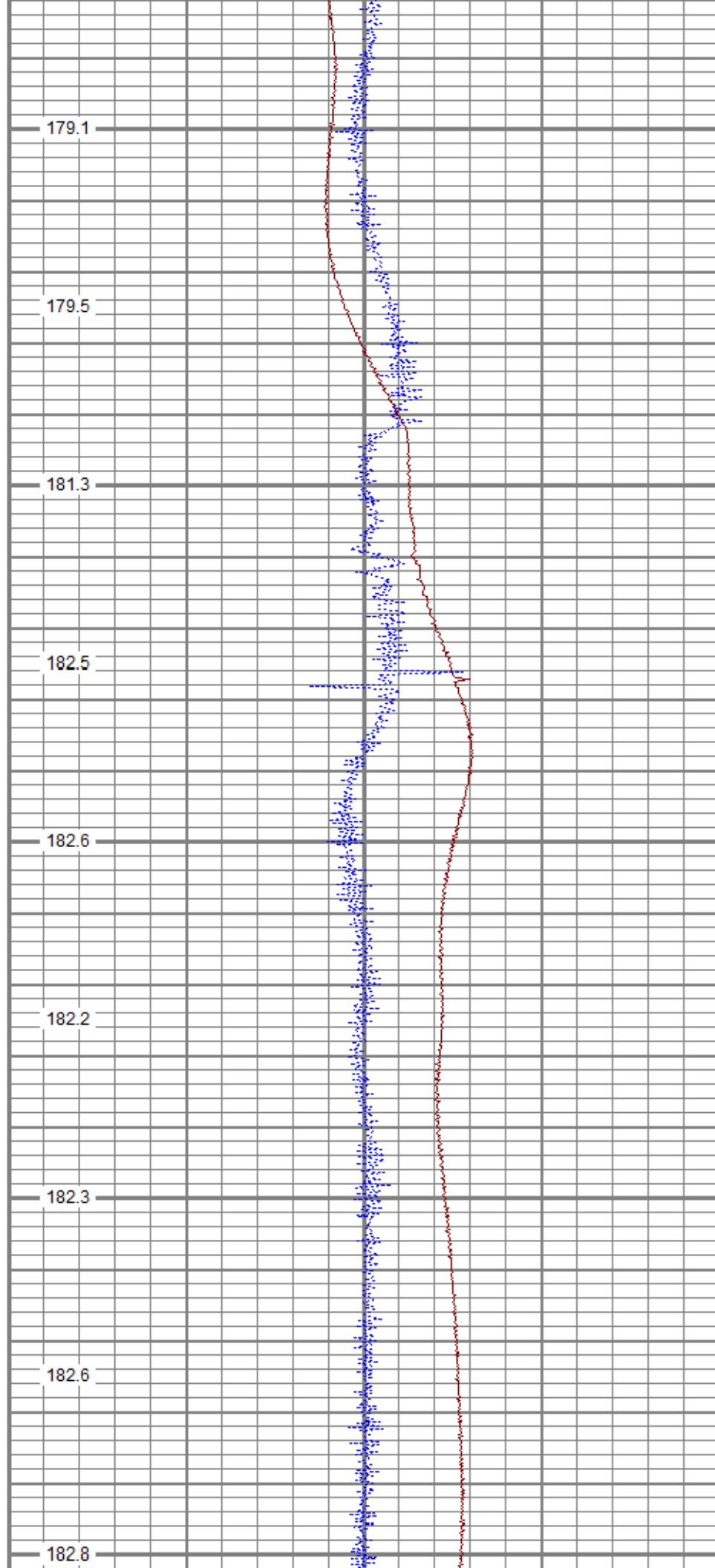
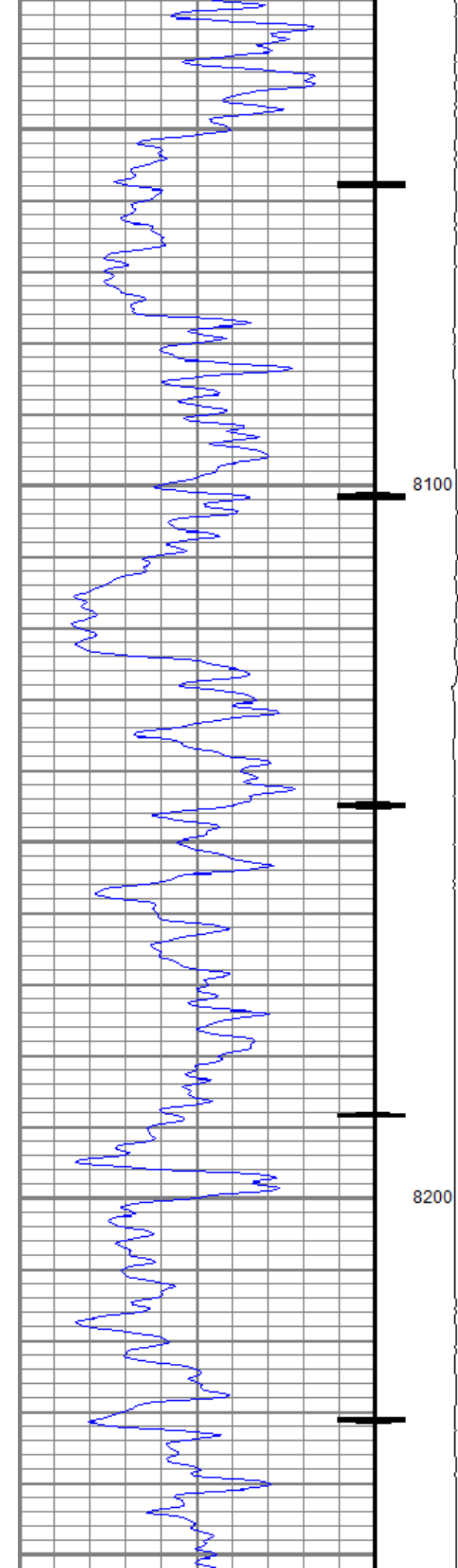


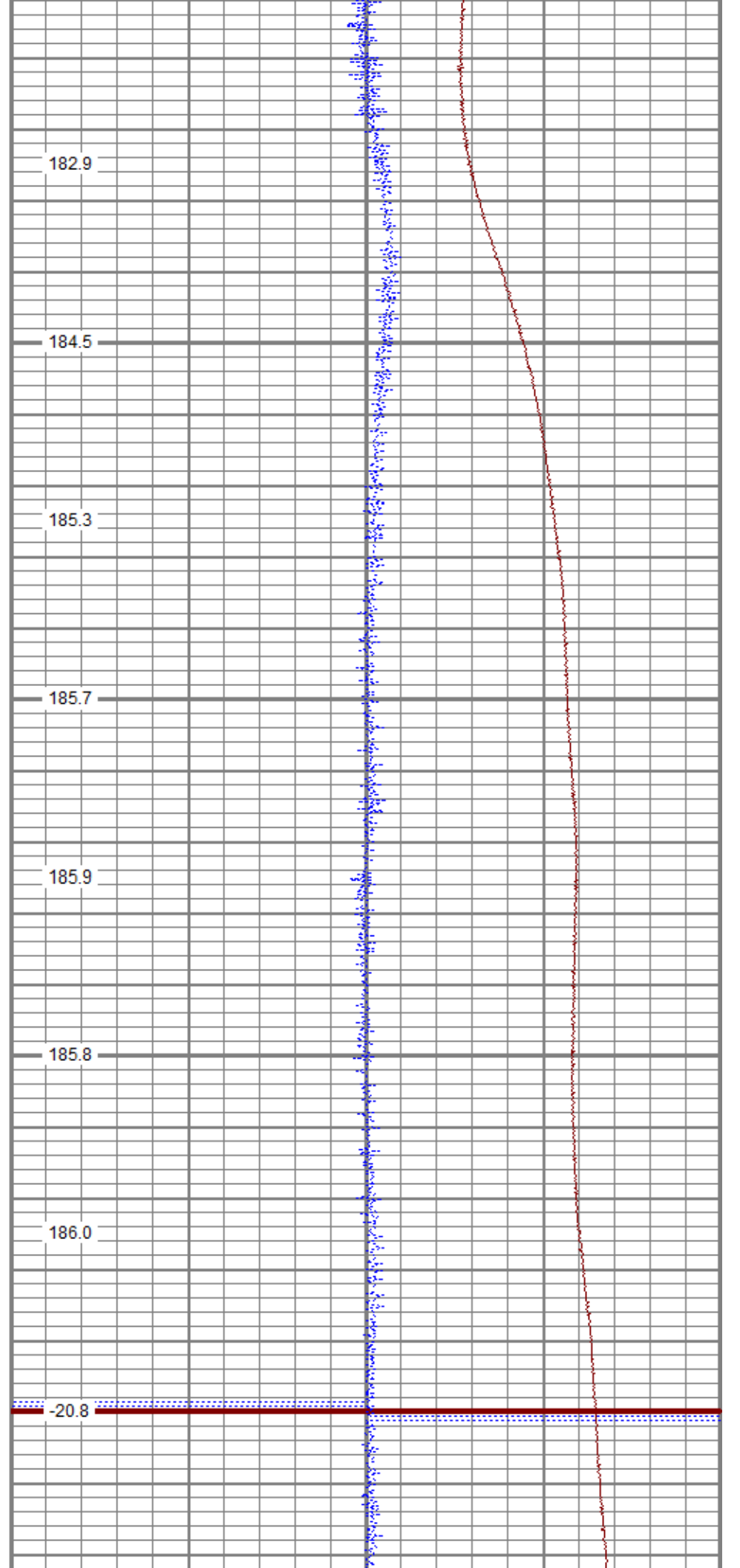
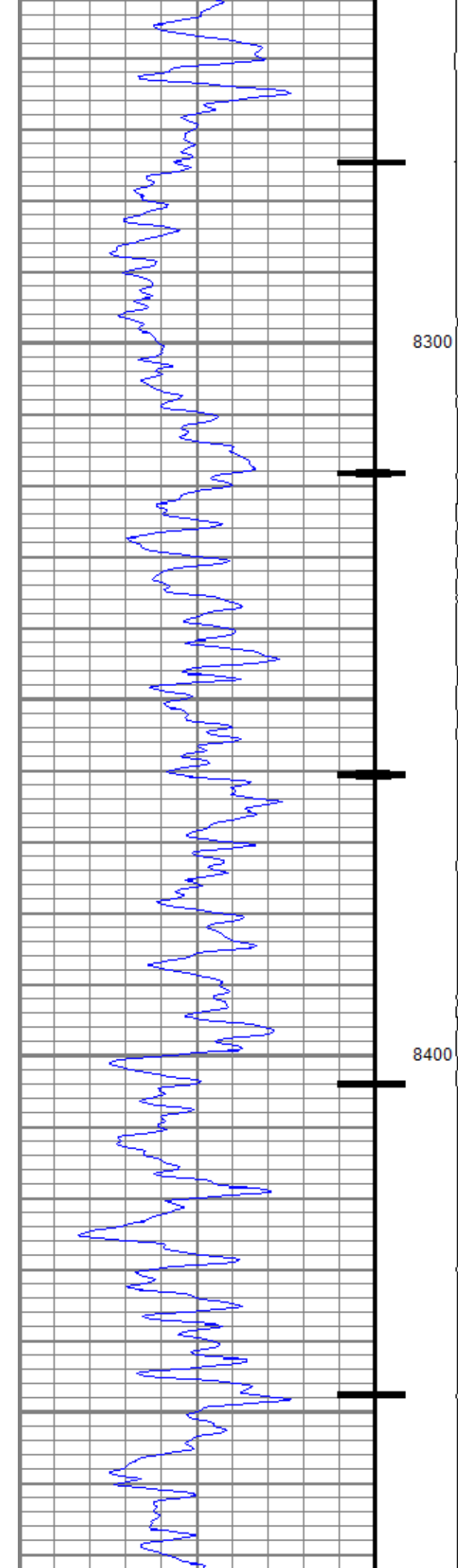


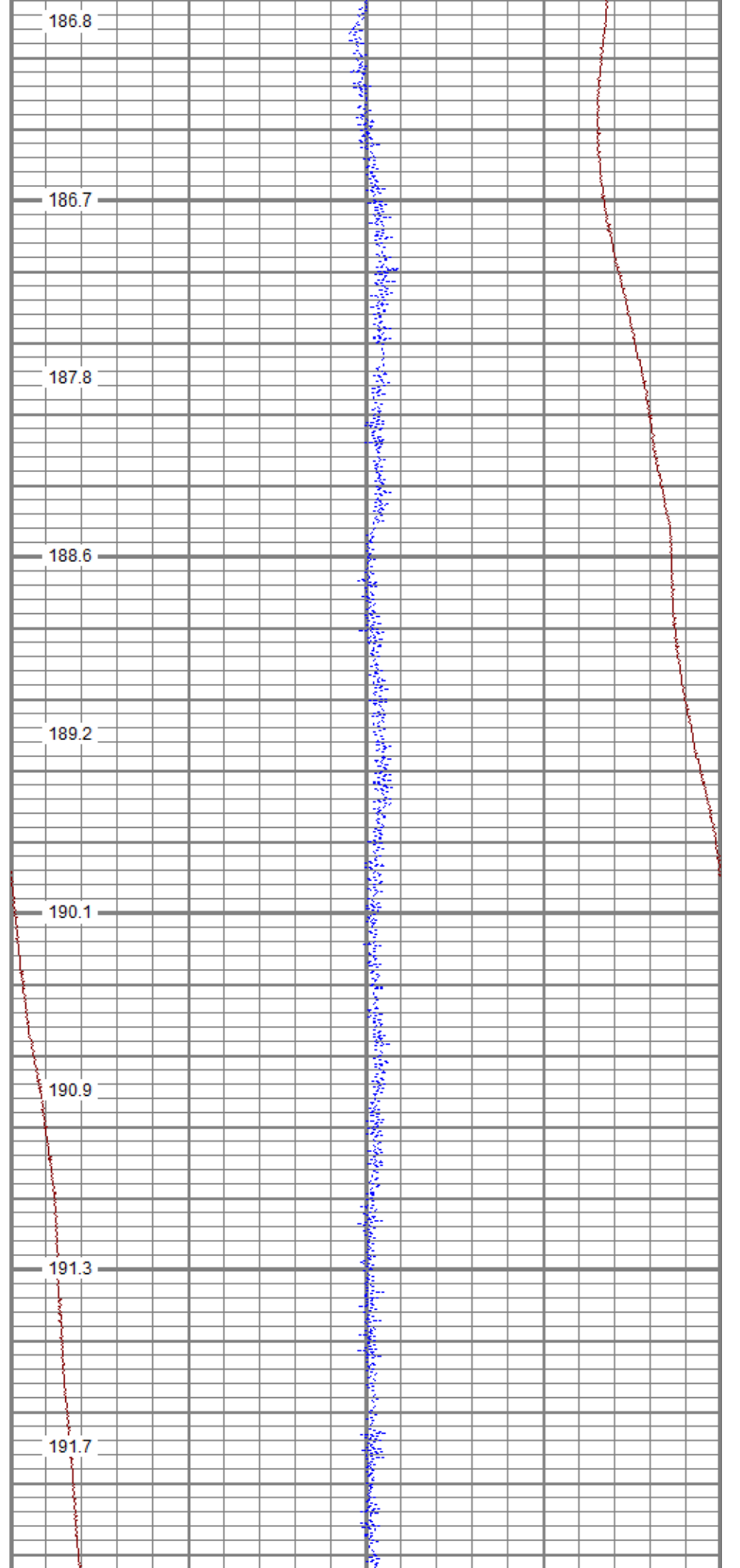
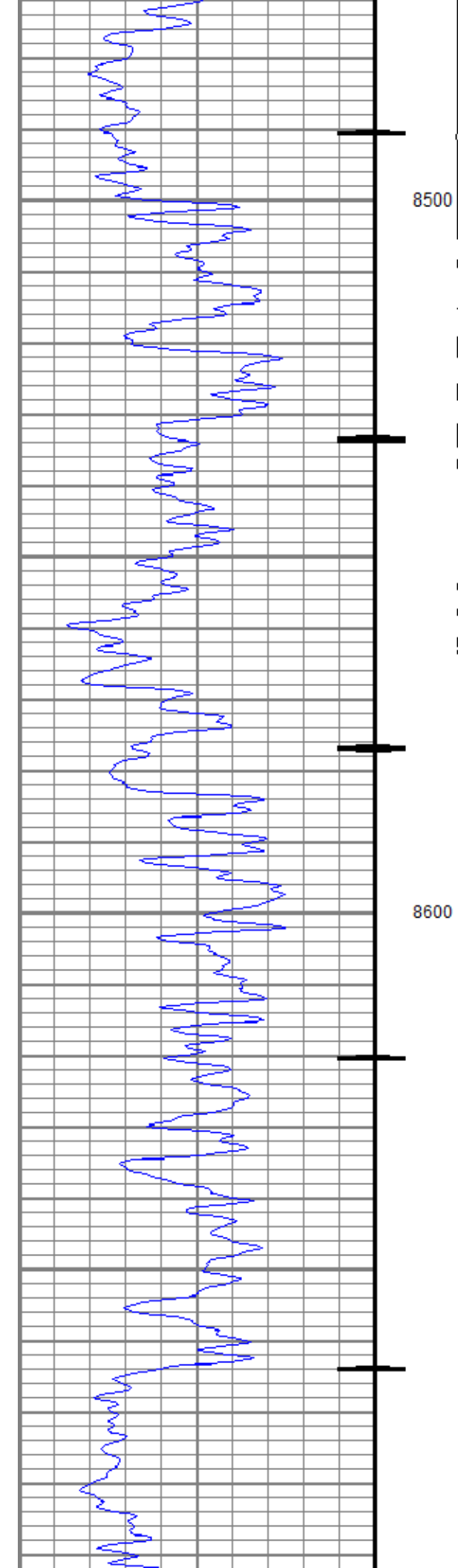


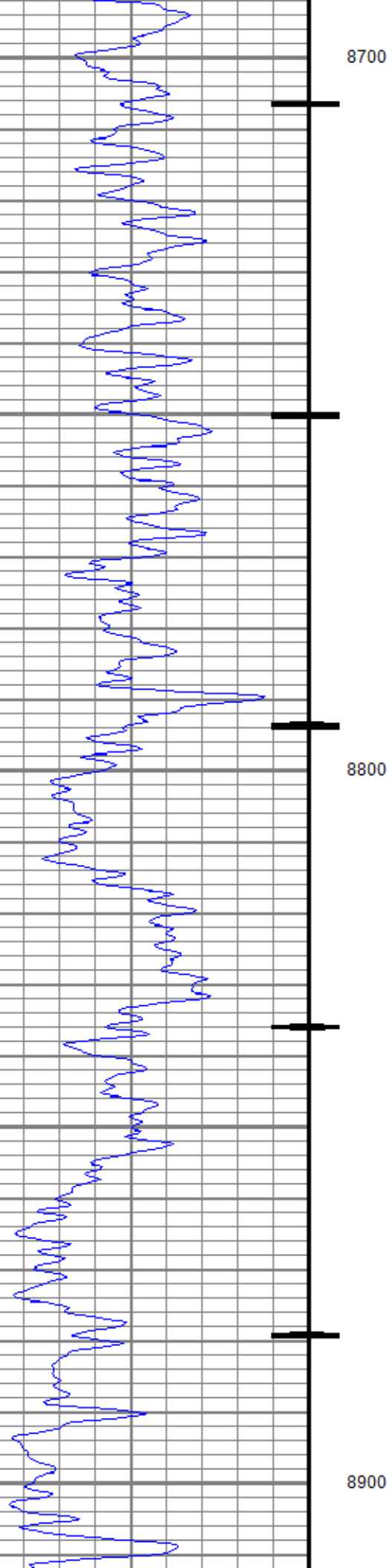












192.2

193.3

193.3

194.3

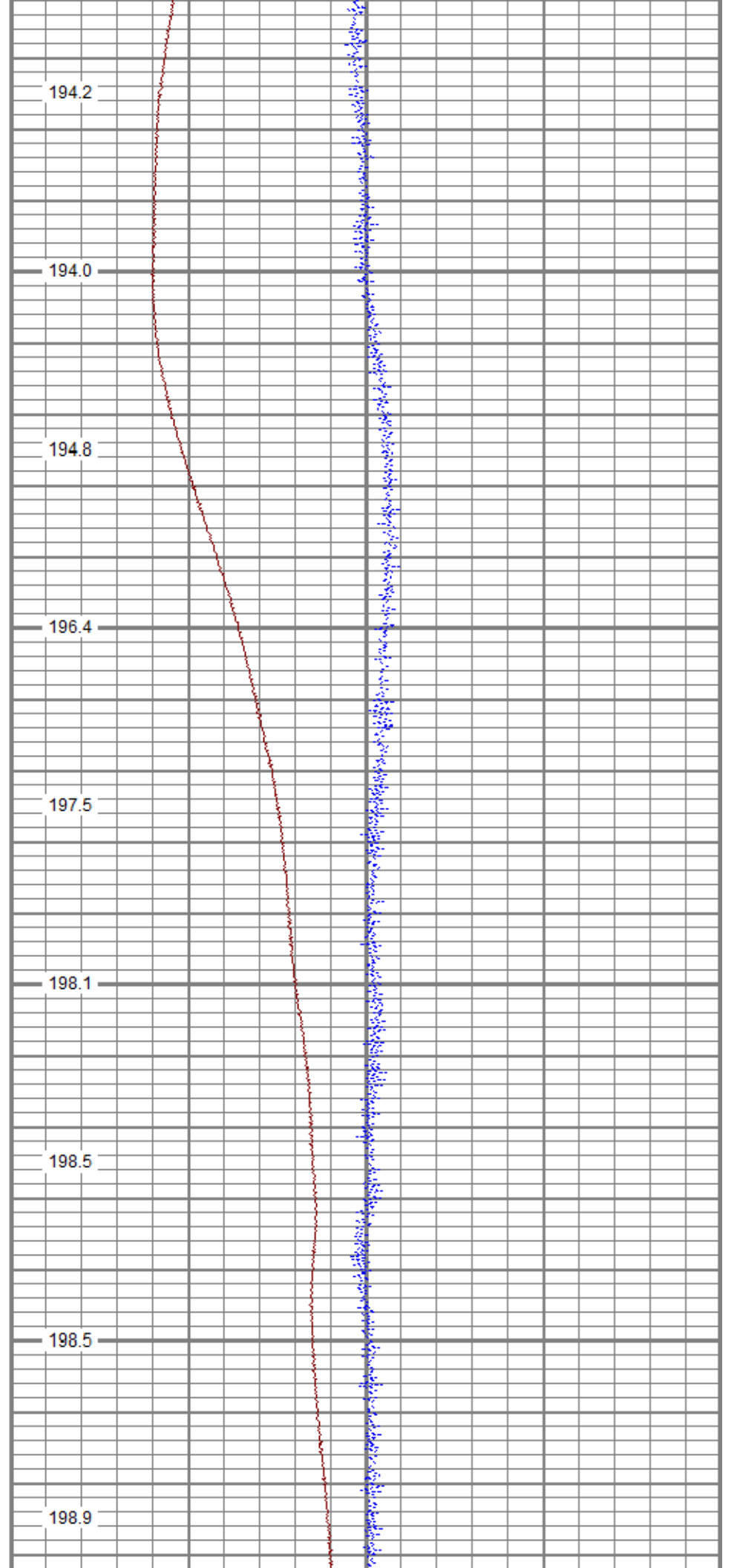
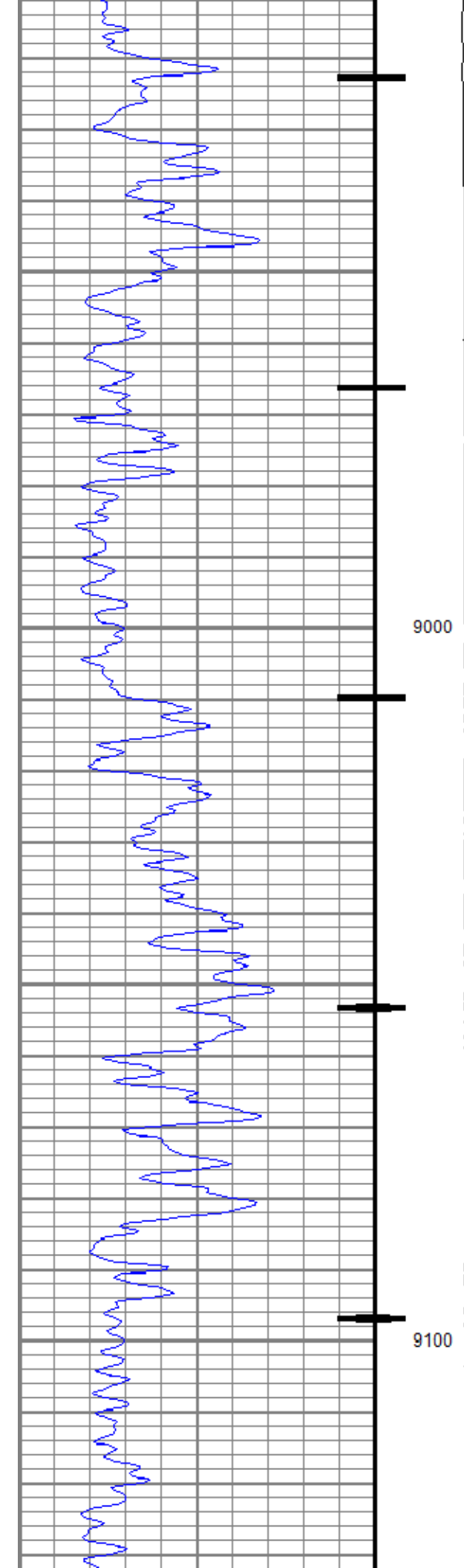
193.7

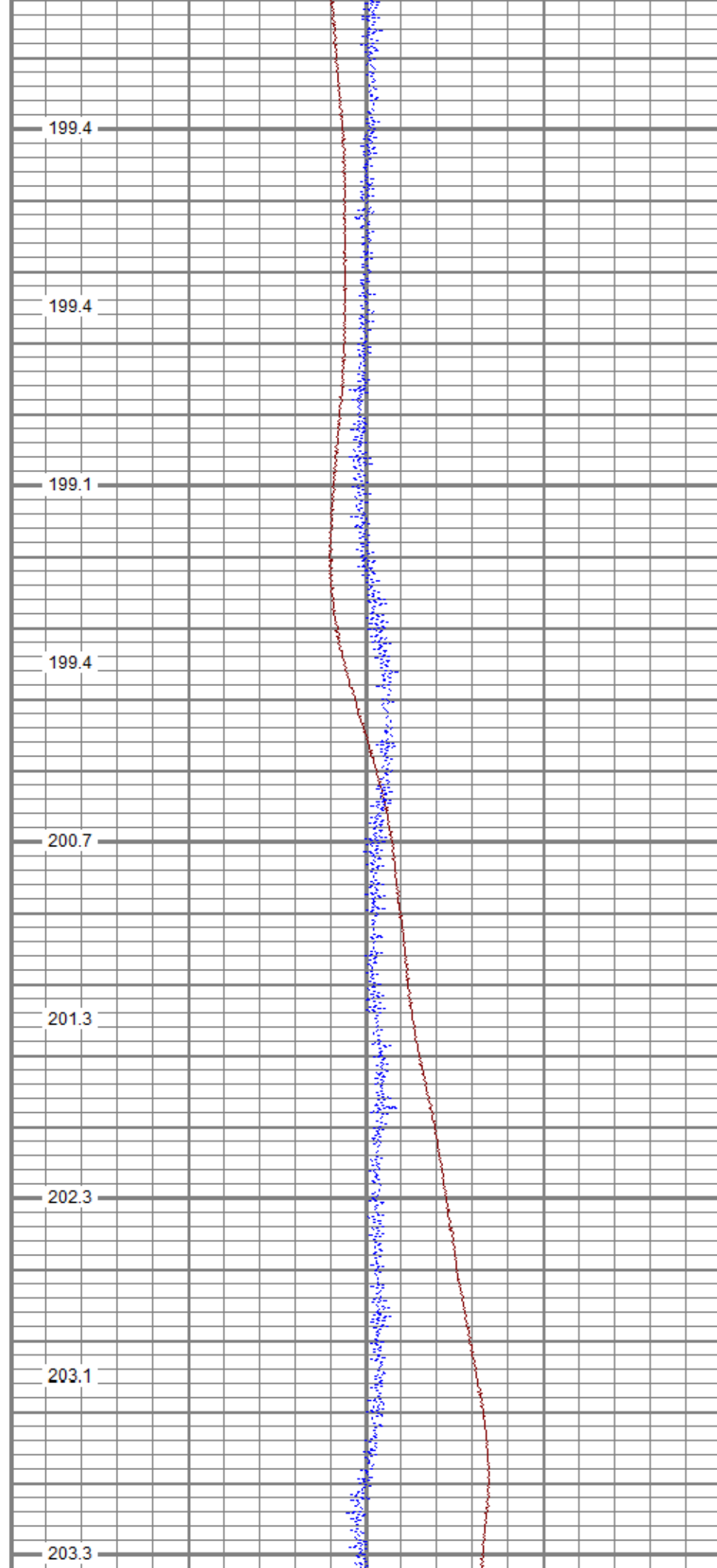
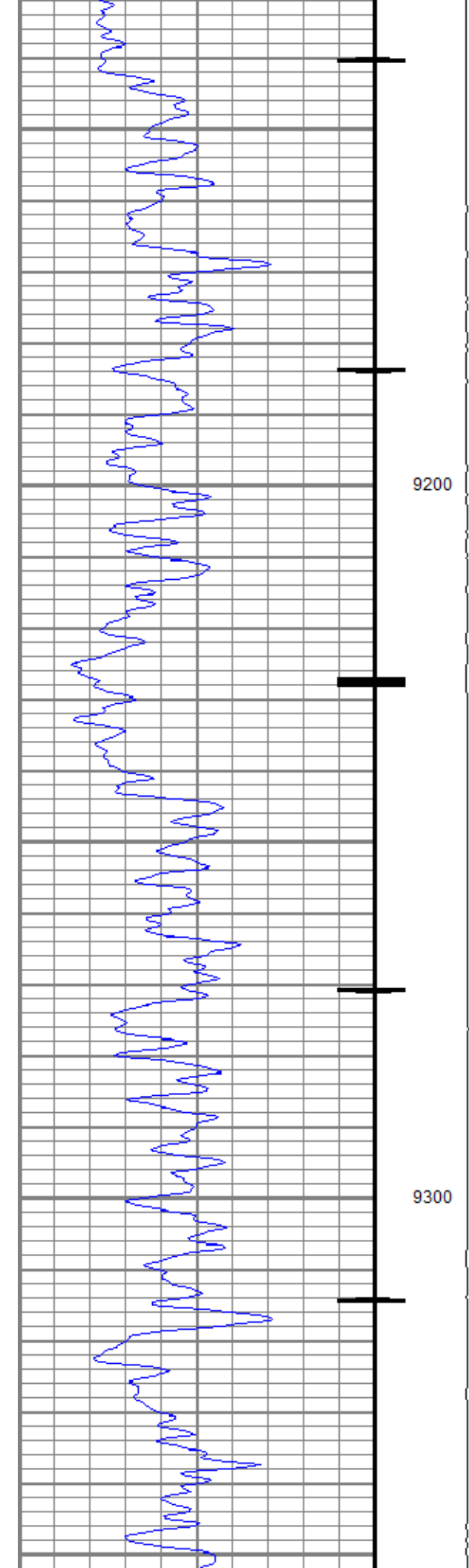
193.5

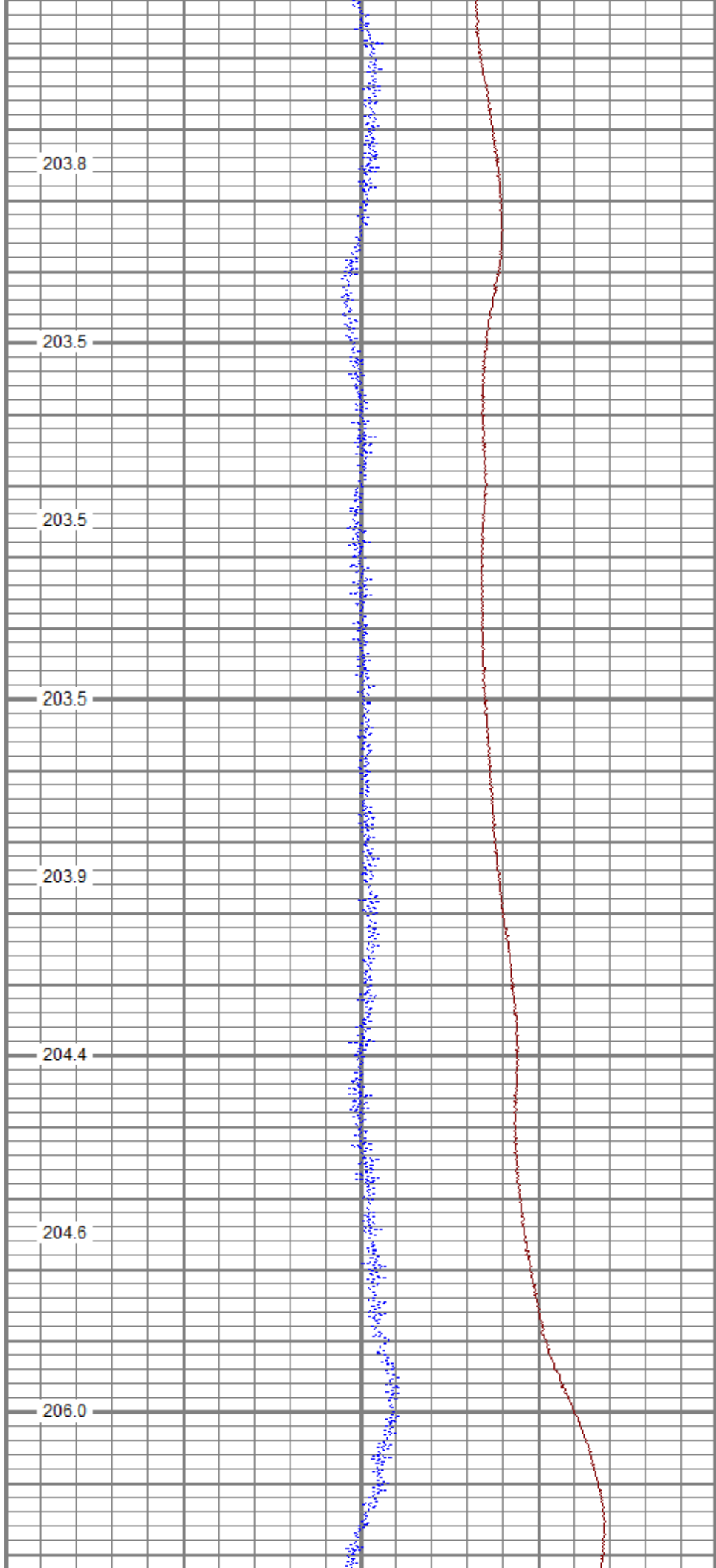
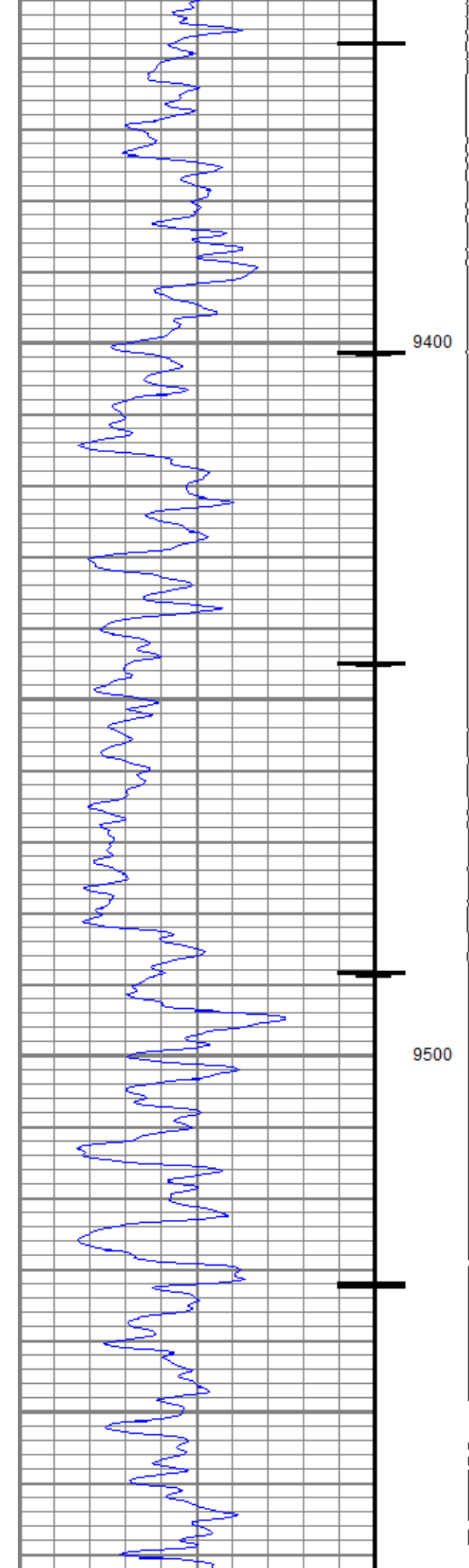
194.4

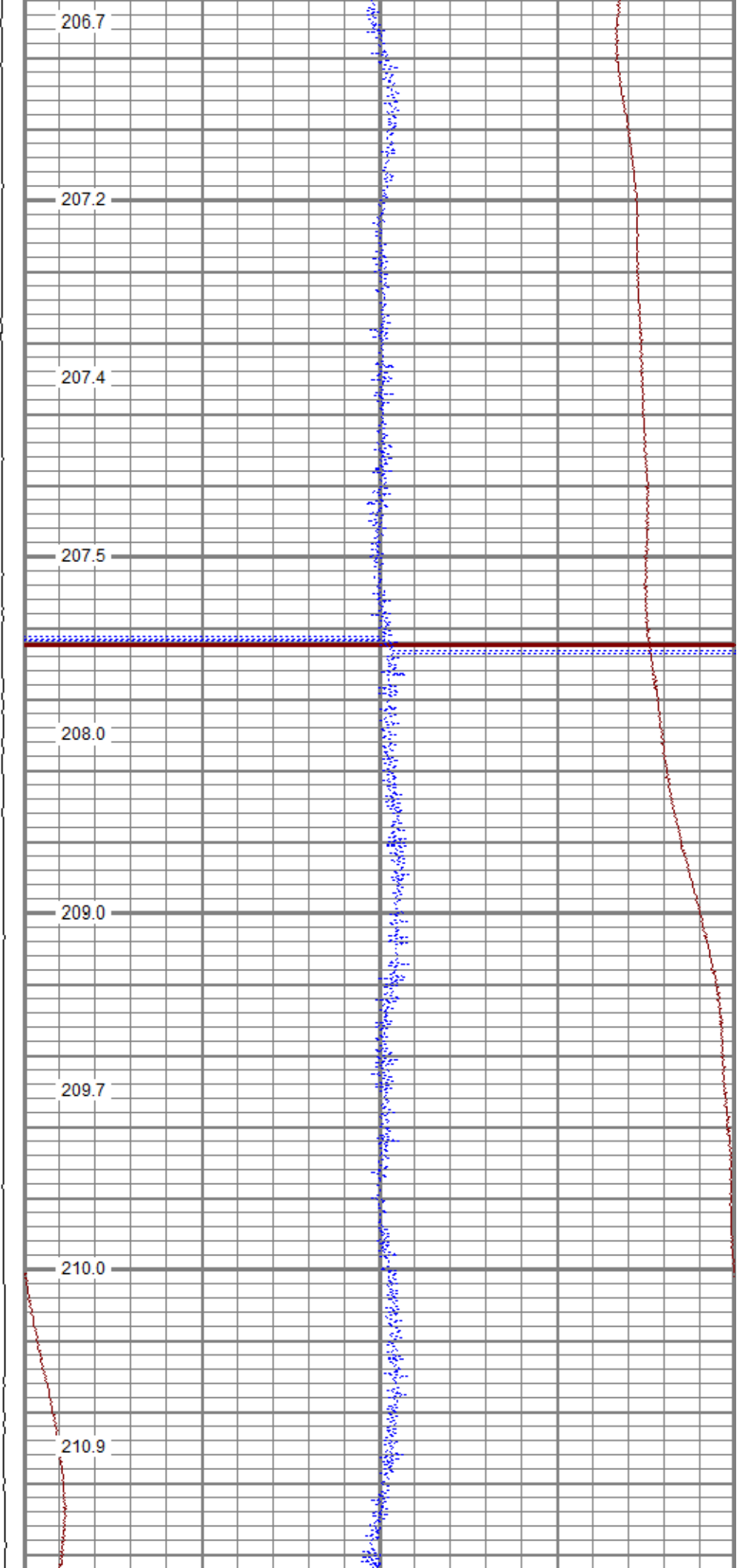
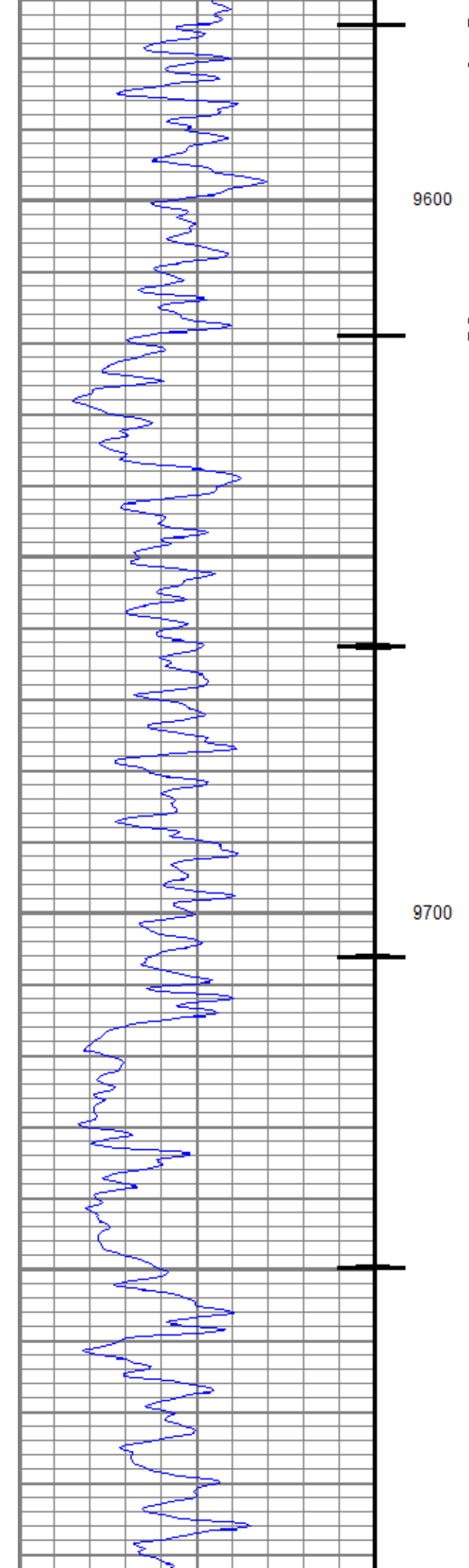
194.8

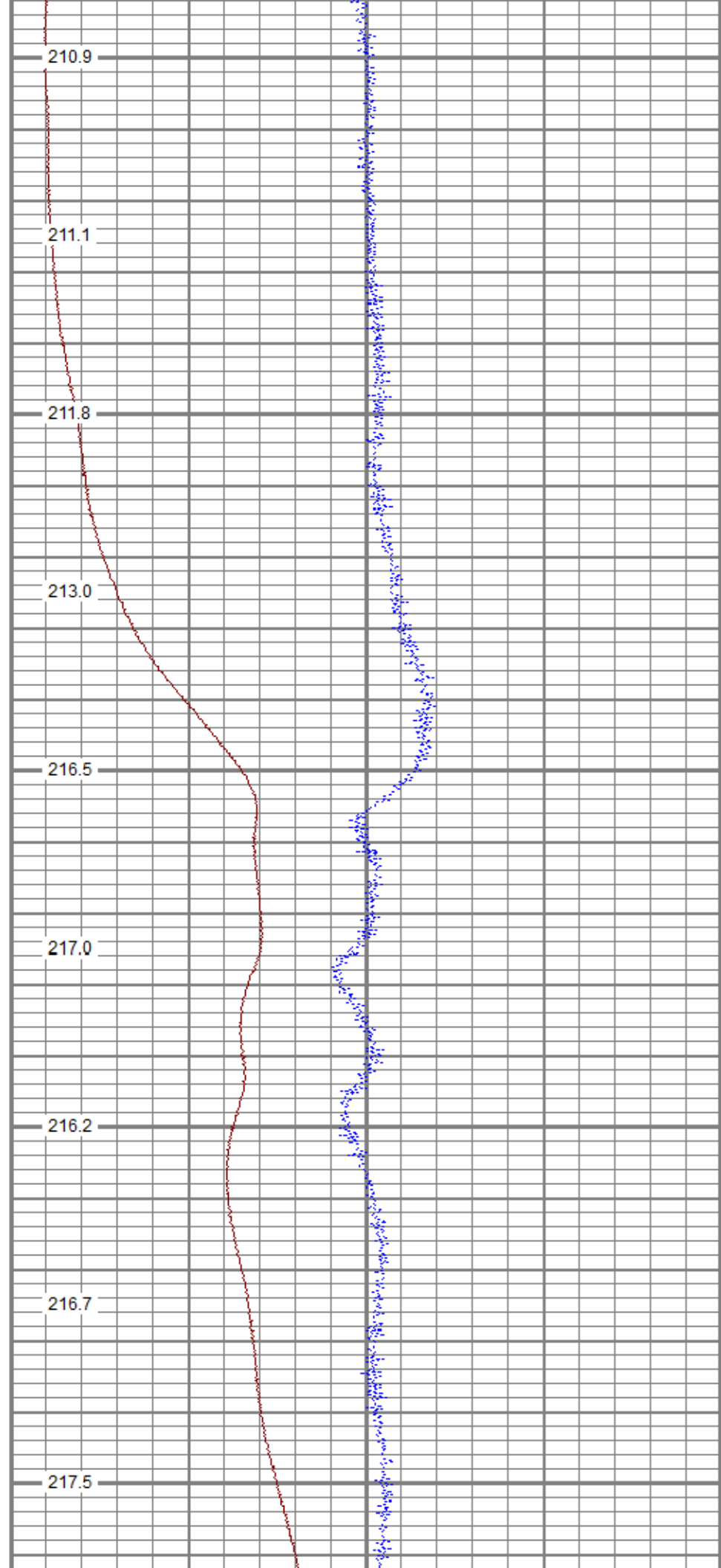
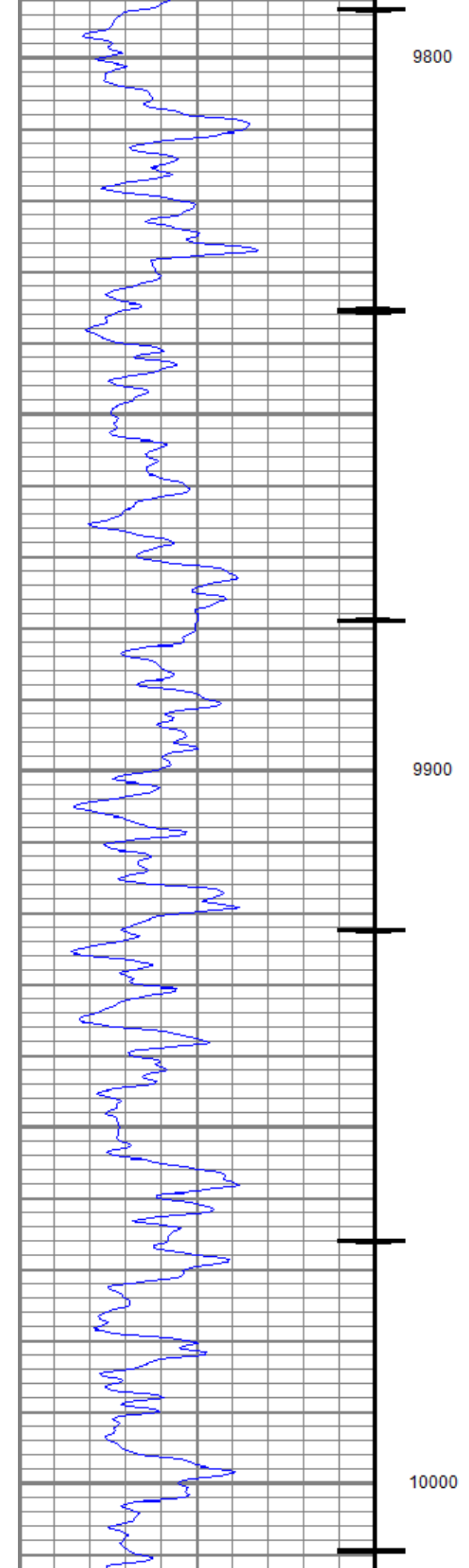
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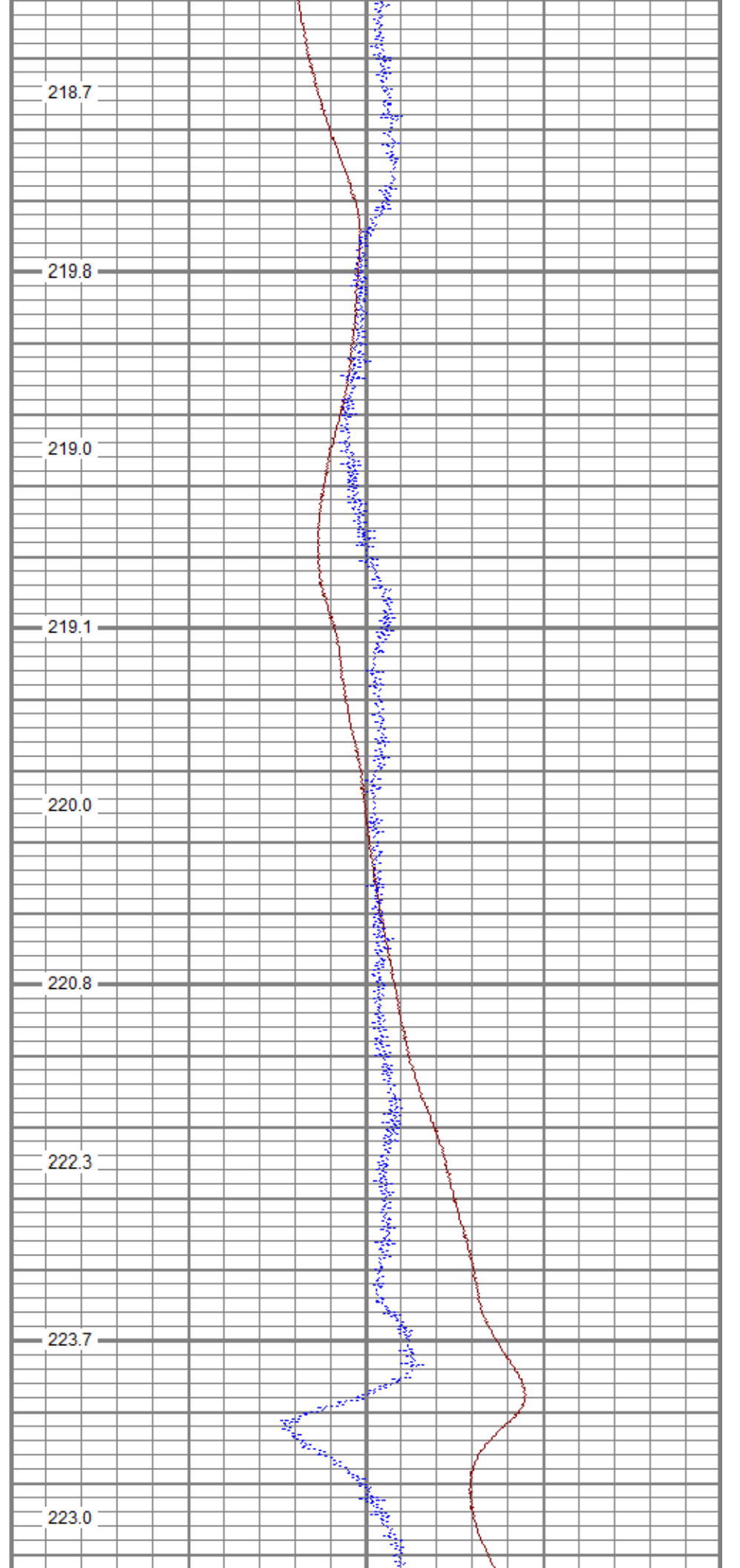
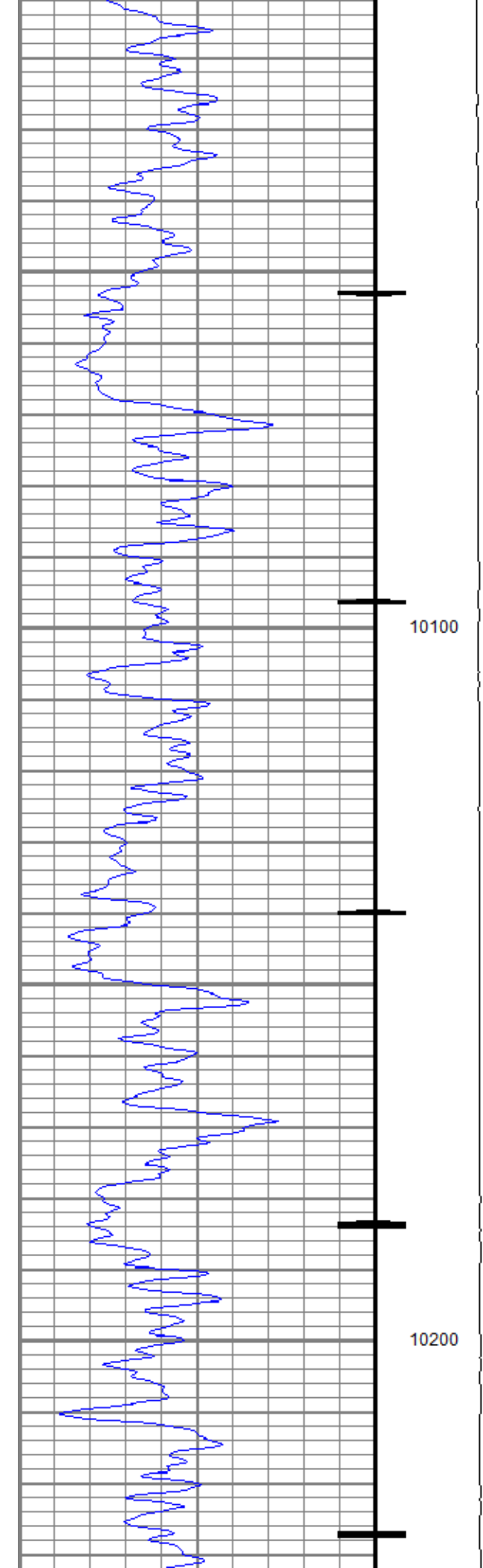


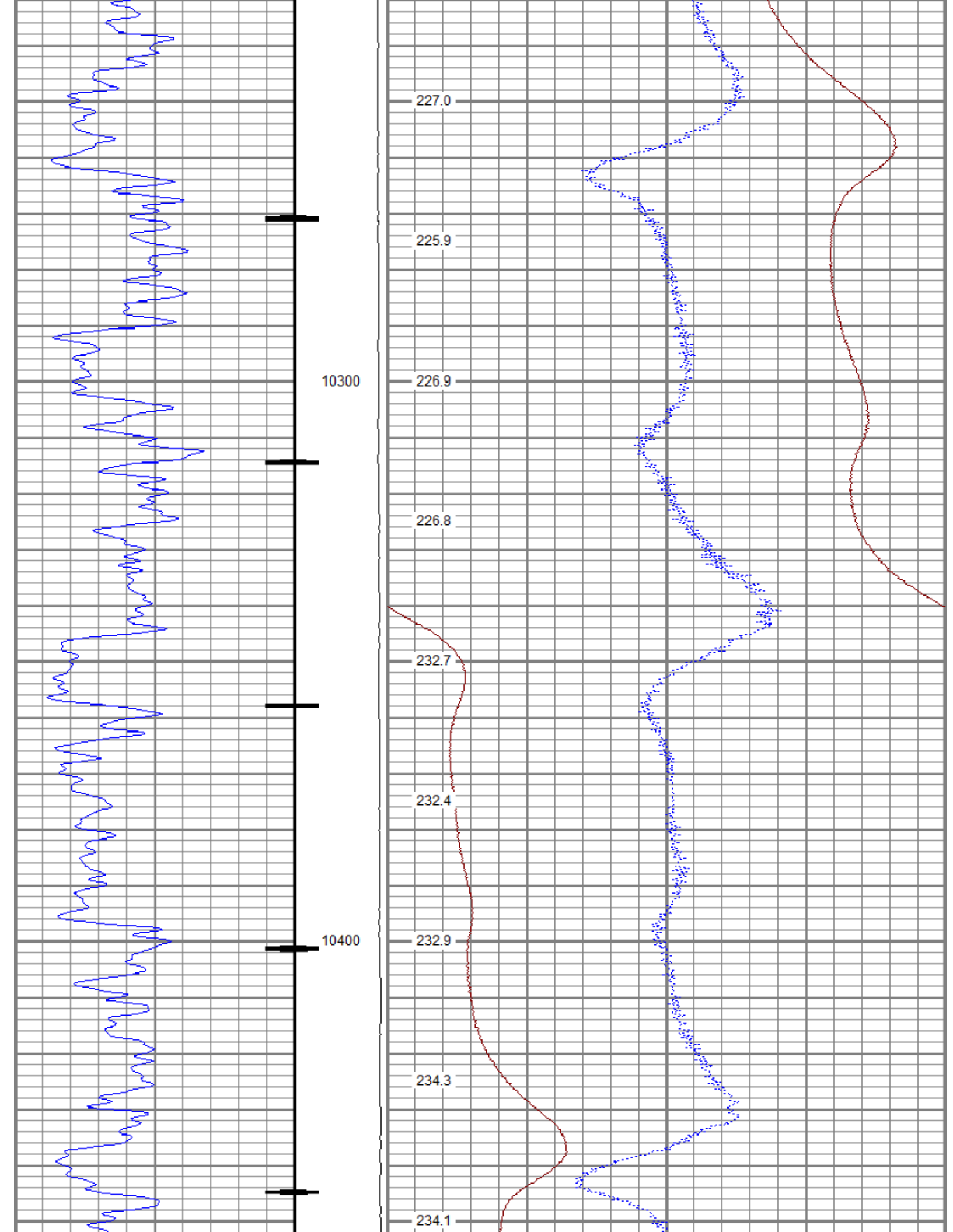


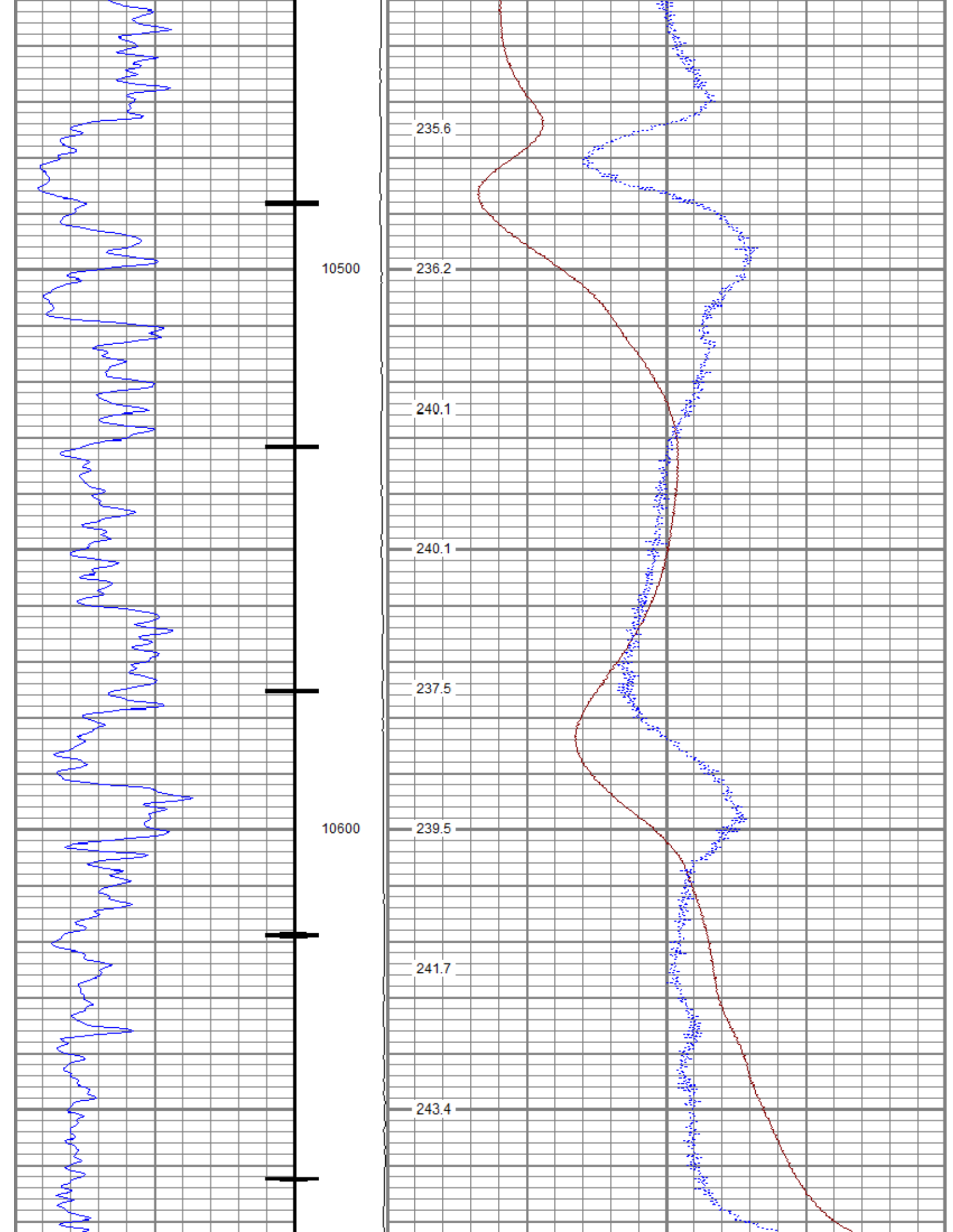


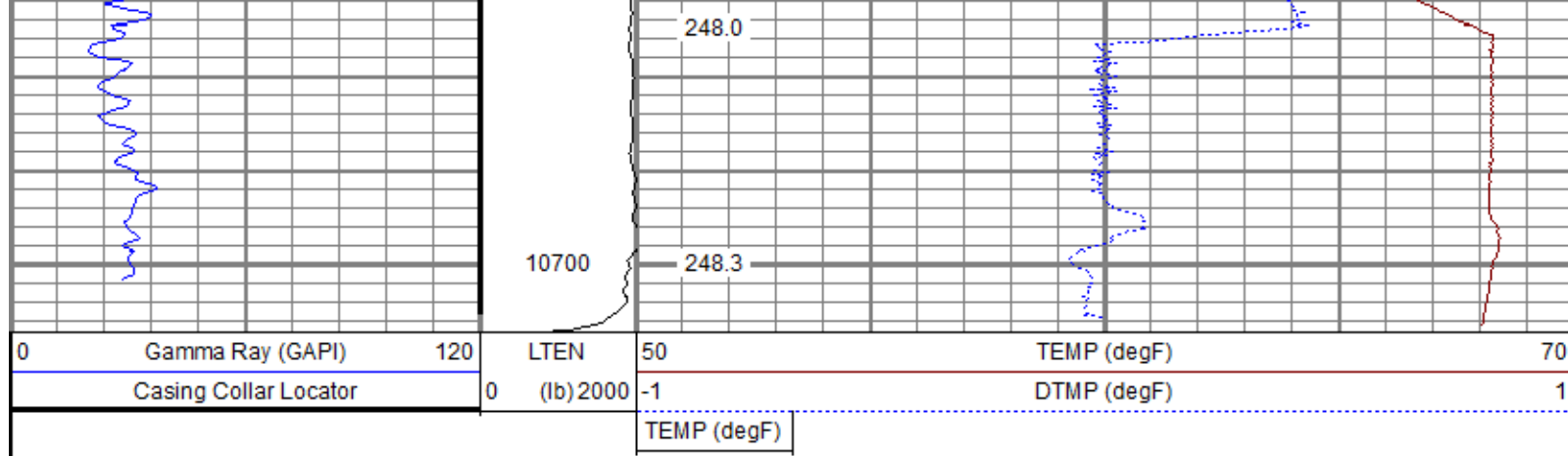














Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	3.37		Titan CHD-14375 GO Titan 1-7/16" Assembled Electric Cable Head w/ 1" Fishing Neck	1.03	1.44	3.60
			UW AGS-001 (211461) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW XTU-002 (10017430) Crossover Ultrawire 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 HVQI TX	0.37 0.00		UW PRT-016 (10025093) Platinum Resistance Thermometer	1.04	1.69	5.20

ITEMPX	0.00			UW BUL-006 (10019616) Sondex Ultrawire Bullnose Terminator Sub	0.22	1.69	1.20
TSTAMP	0.00						
Dataset: tep_federal ru 14-17_temp_05-01-2018.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 14-17_temp_05-01-2018.db	
Dataset Pathname	mainql	
Dataset Creation	Tue May 01 12:58:44 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 14-17
	Field	Rulison
	County	Garfield
	State	Colorado