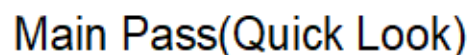




<<< Fold Here >>>

Comments

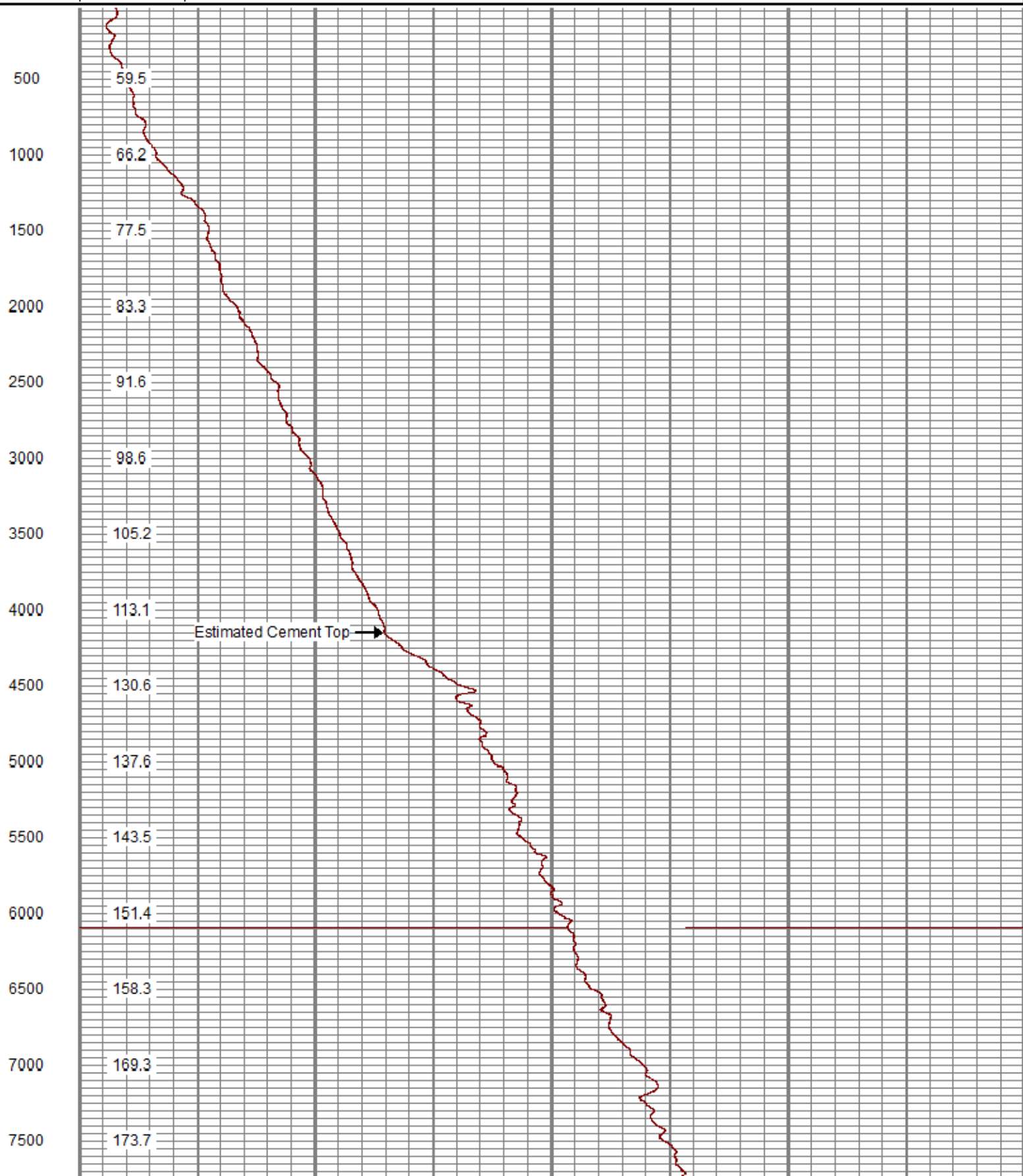
Thank you for choosing Reliance Oilfield Services, LLC!!



### Learned with 0 DCL Surface-Induced Pressure

Database File tep\_federal ru 314-17\_05-06-2018.db  
 Dataset Pathname main.1  
 Presentation Format ros\_temp\_ql\_tep  
 Dataset Creation Sun May 06 02:16:21 2018  
 Charted by Depth in Feet scaled 1:10000

50 TEMP (degF) 250  
 TEMP (degF)



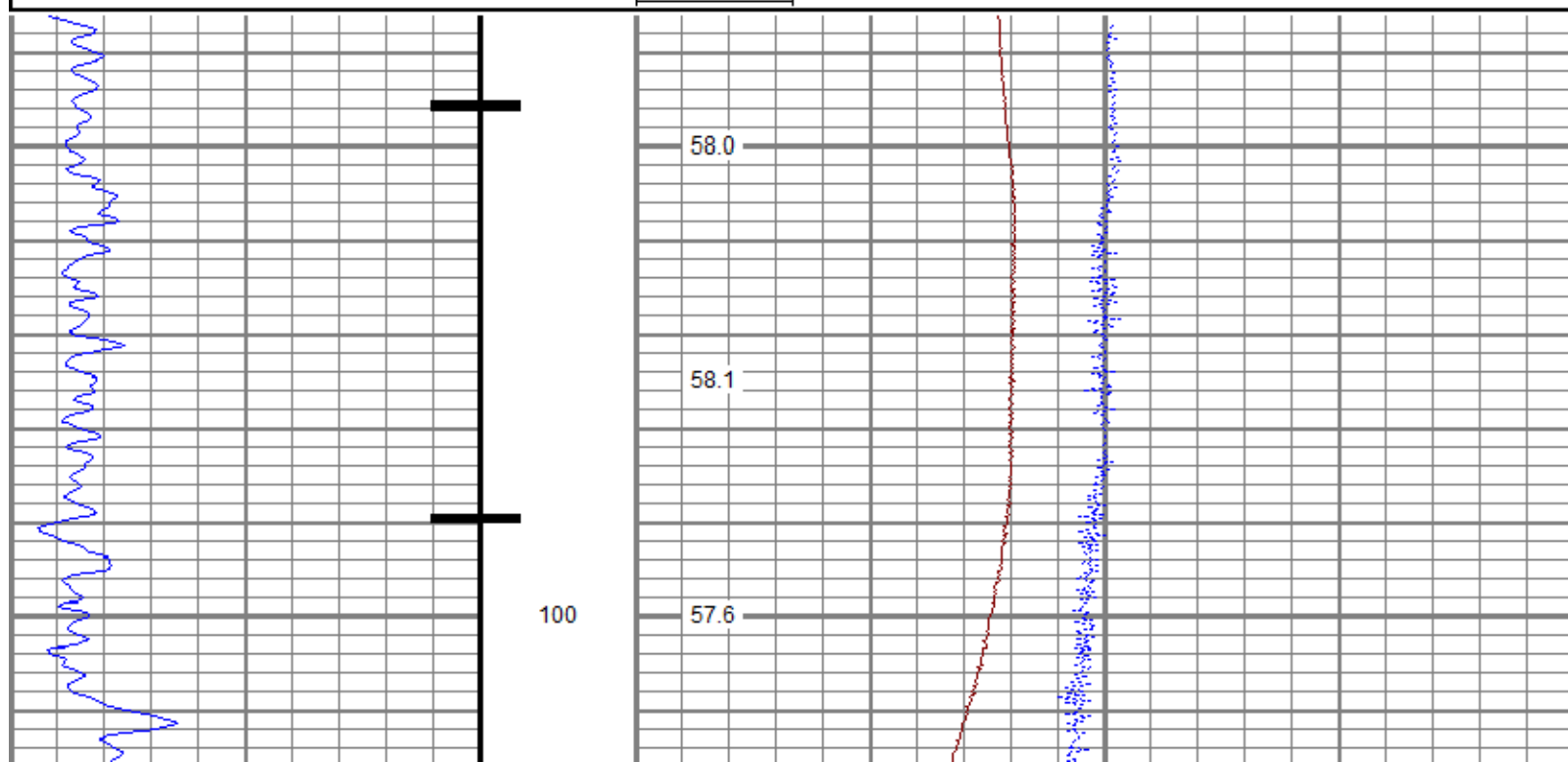


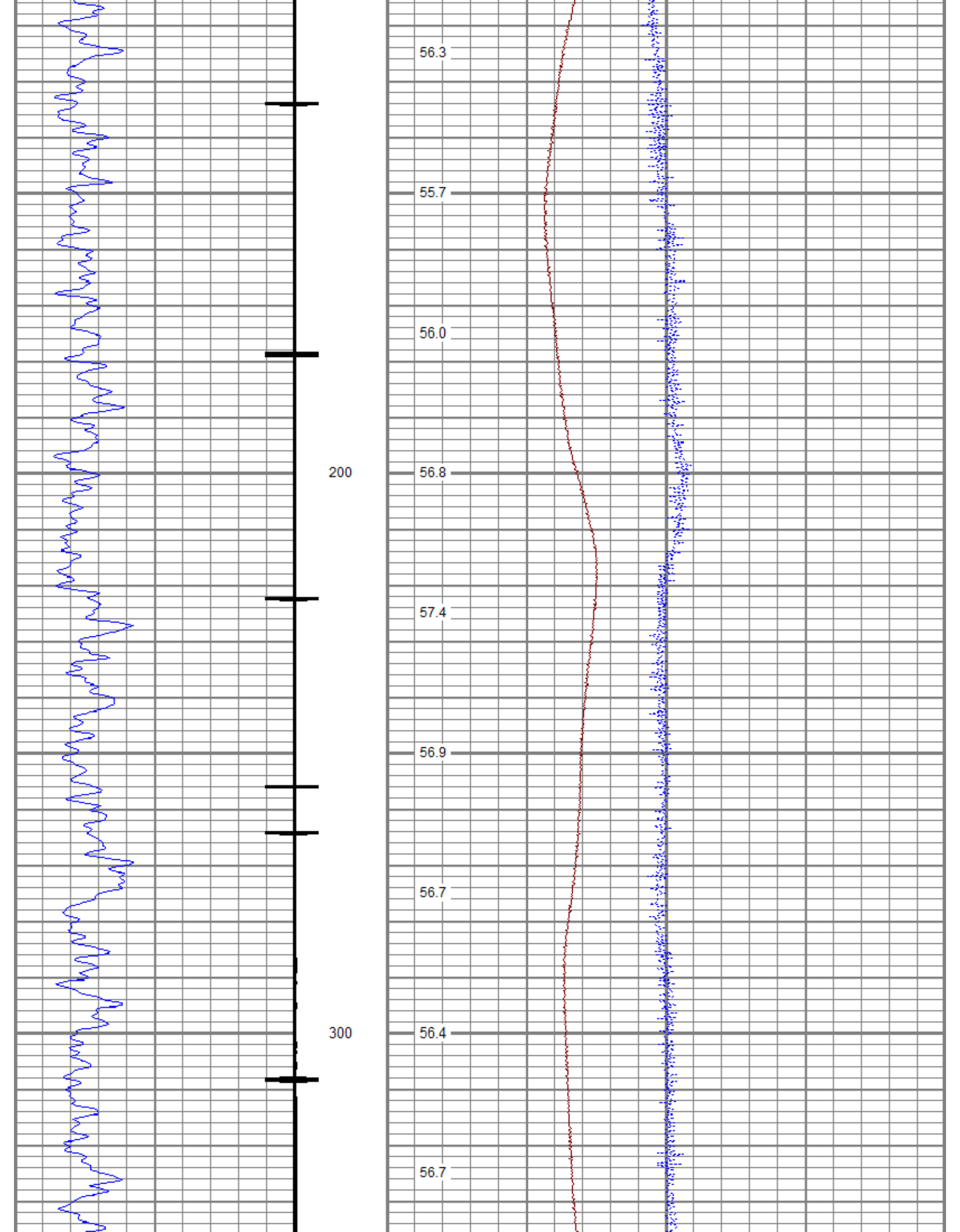
## Main Pass

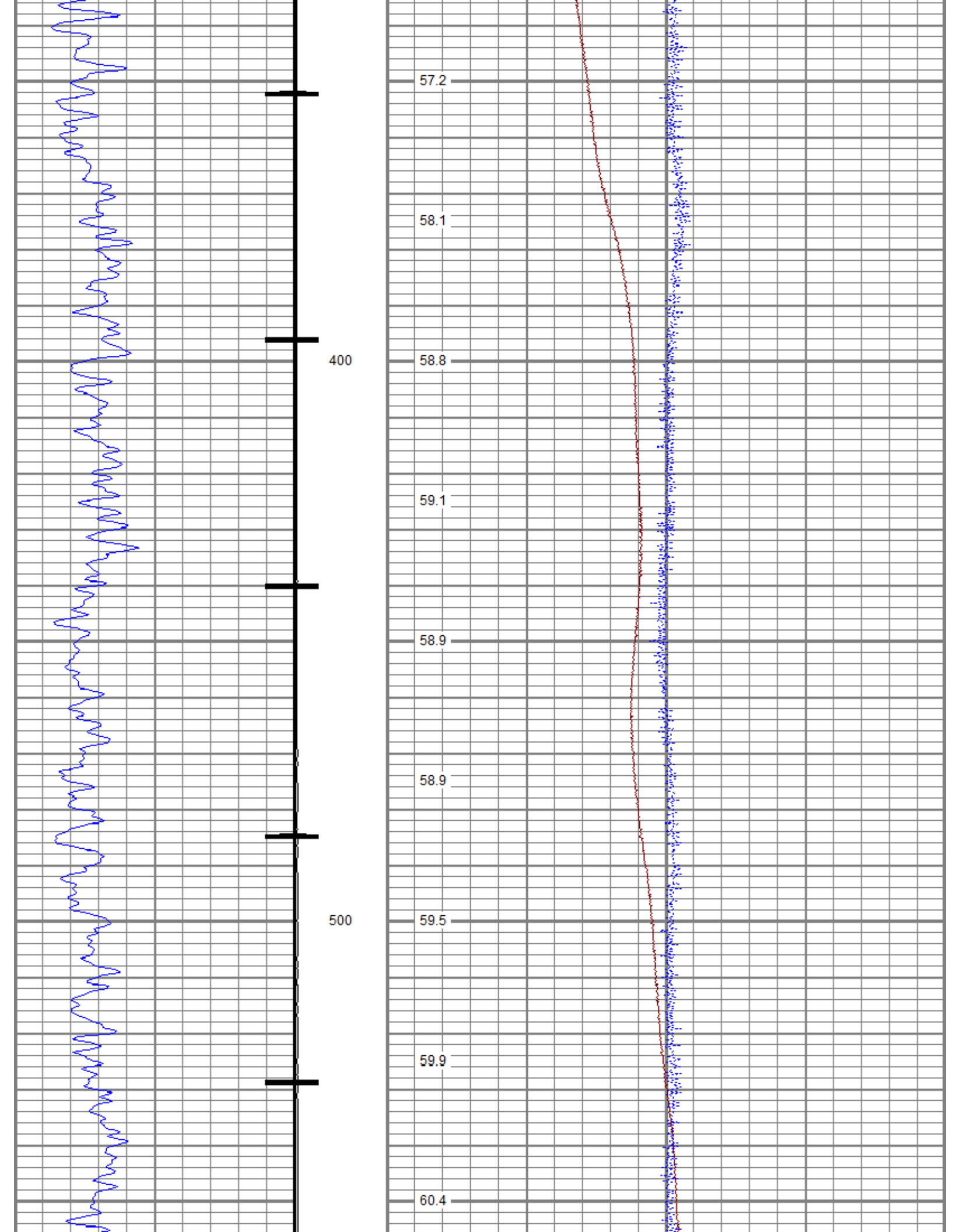
Logged with 0 PSI Surface Induced Pressure

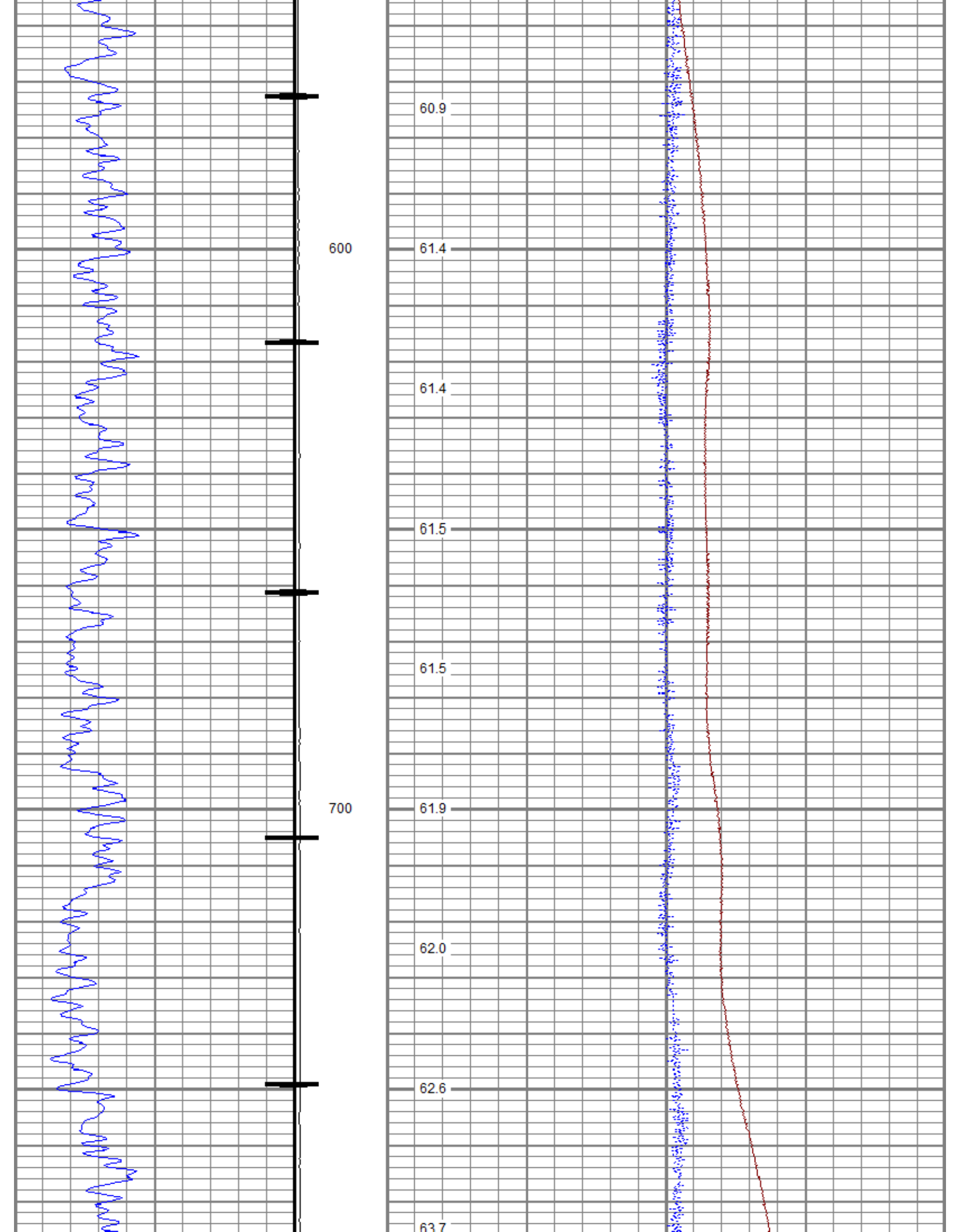
Database File tep\_federal ru 314-17\_05-06-2018.db  
 Dataset Pathname main  
 Presentation Format ros\_temp\_tep  
 Dataset Creation Sun May 06 00:38:15 2018  
 Charted by Depth in Feet scaled 1:240

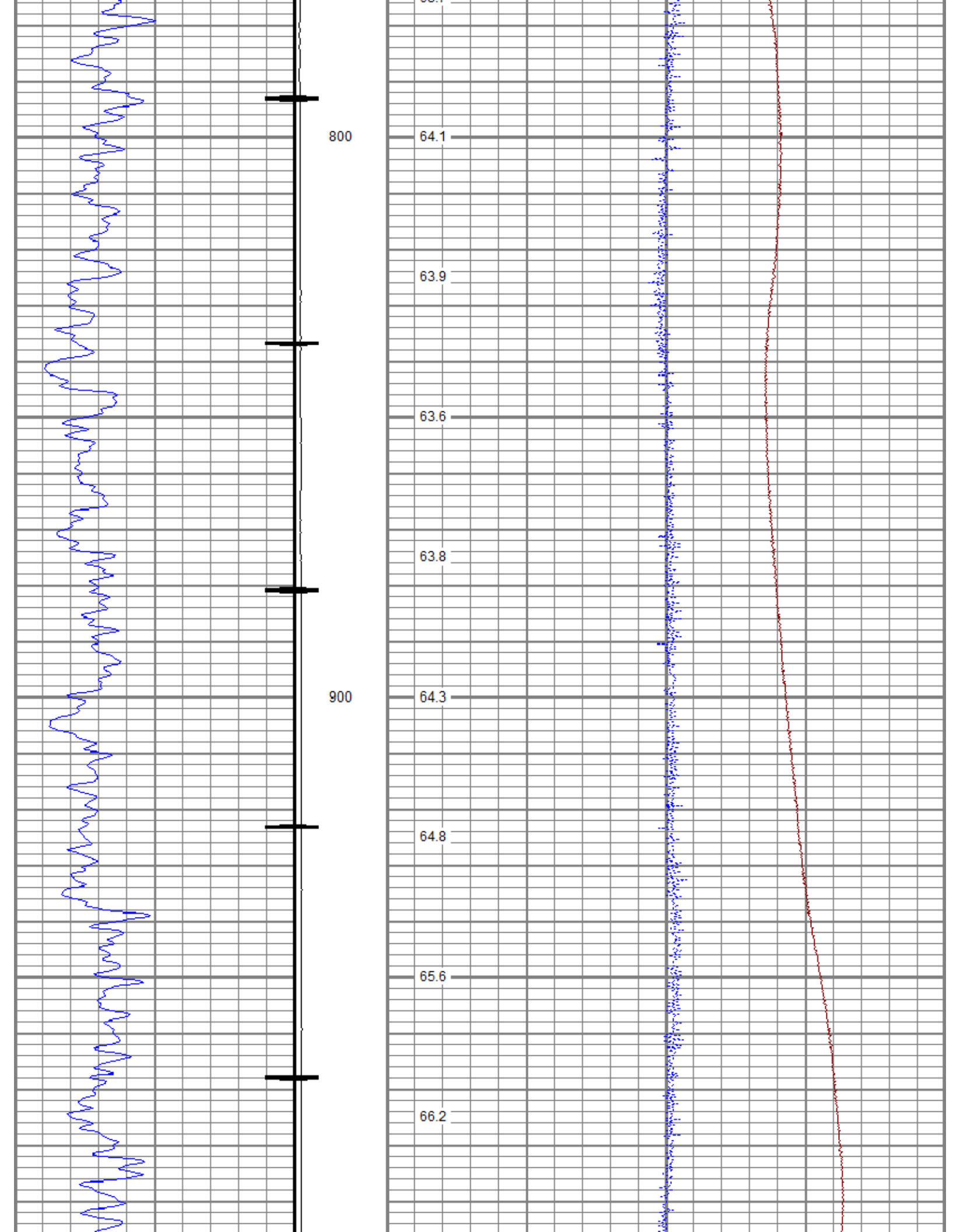
0	Gamma Ray (GAPI)	120	LTEN	50	TEMP (degF)	70
	Casing Collar Locator	0	(lb) 2000	-1	DTMP (degF)	1
				TEMP (degF)		

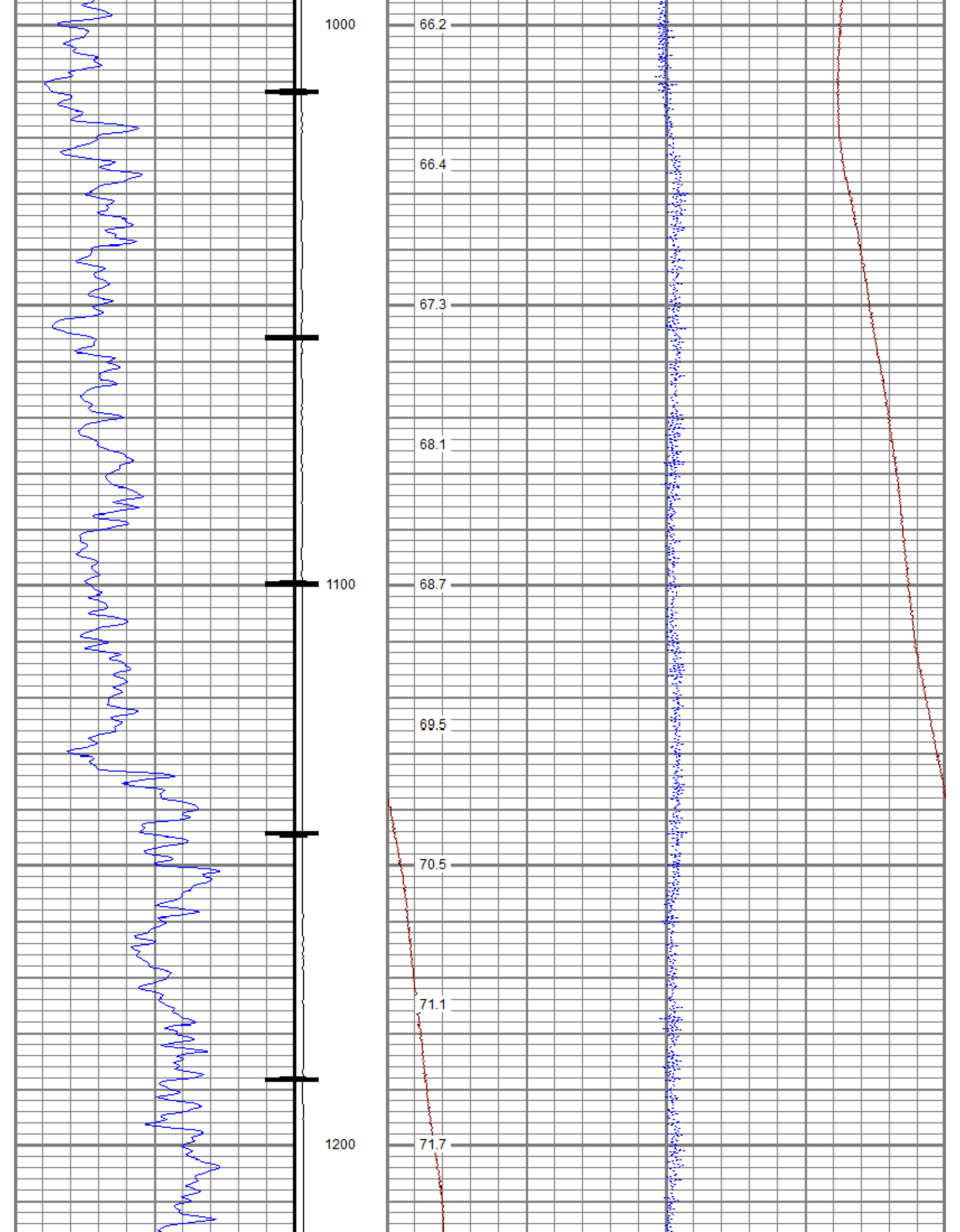




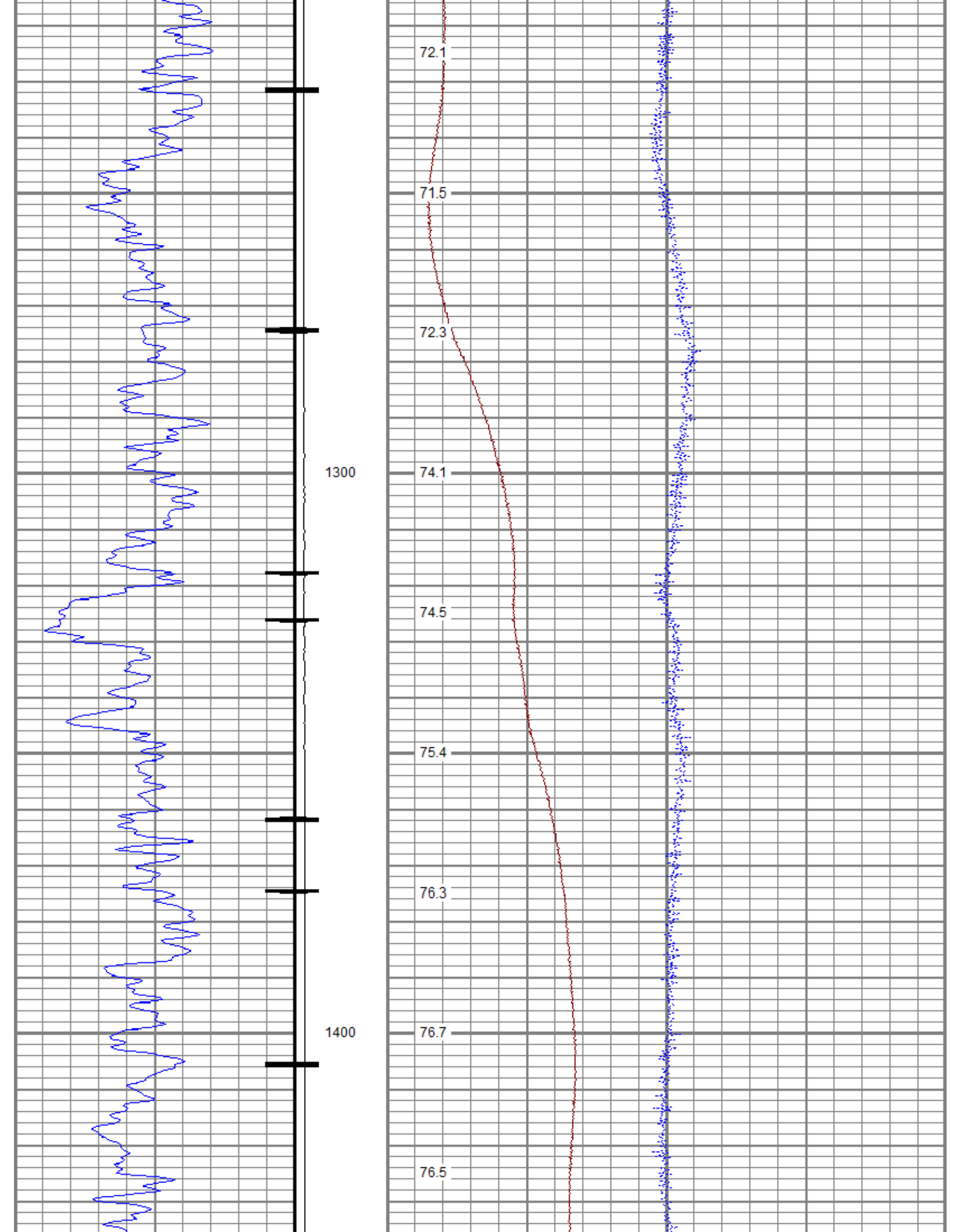


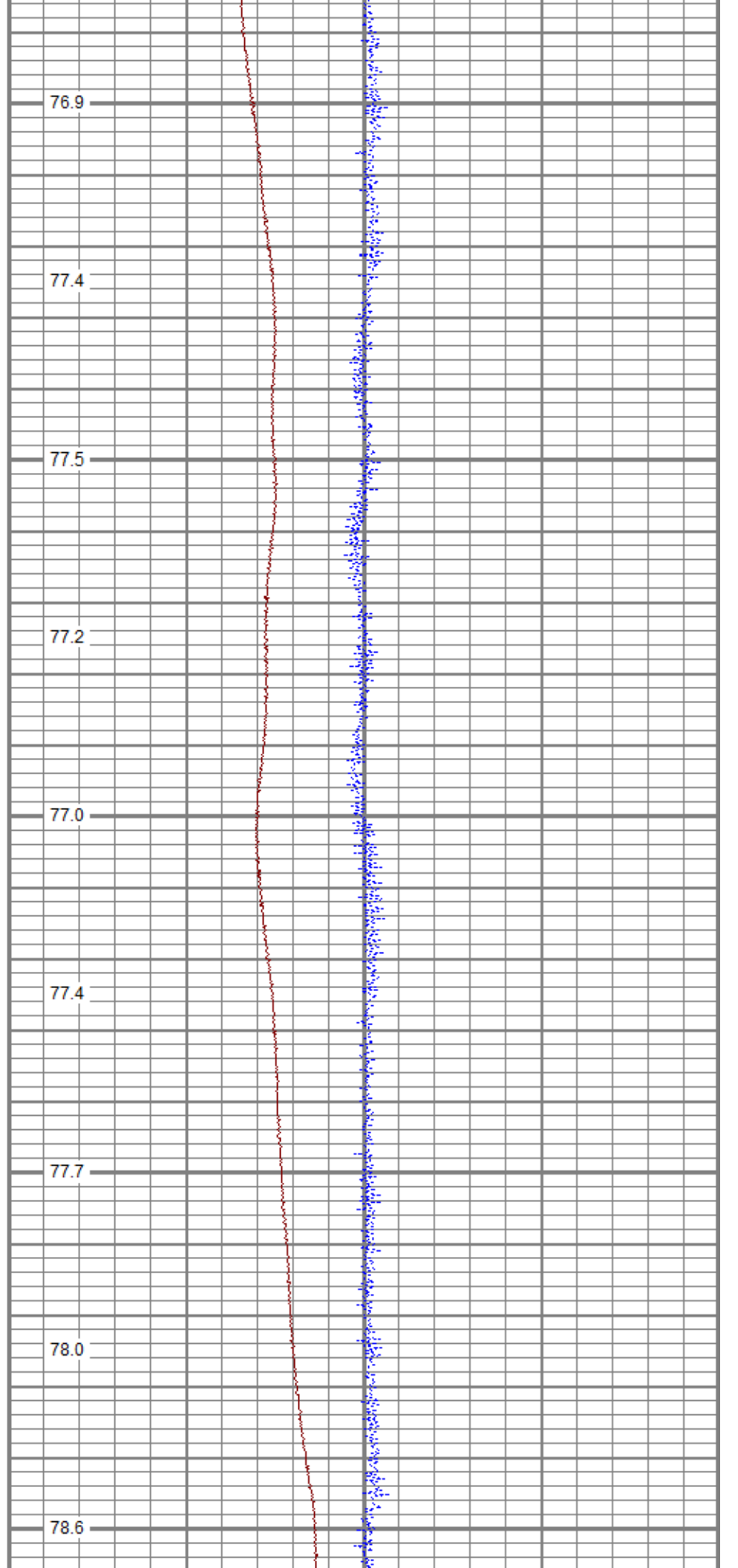
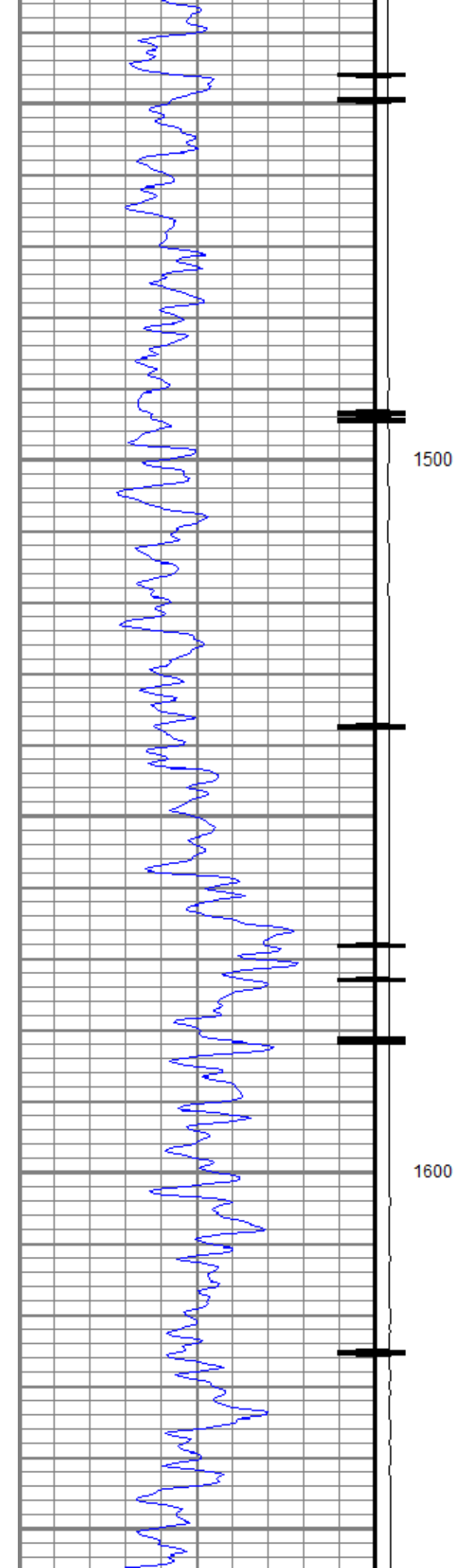


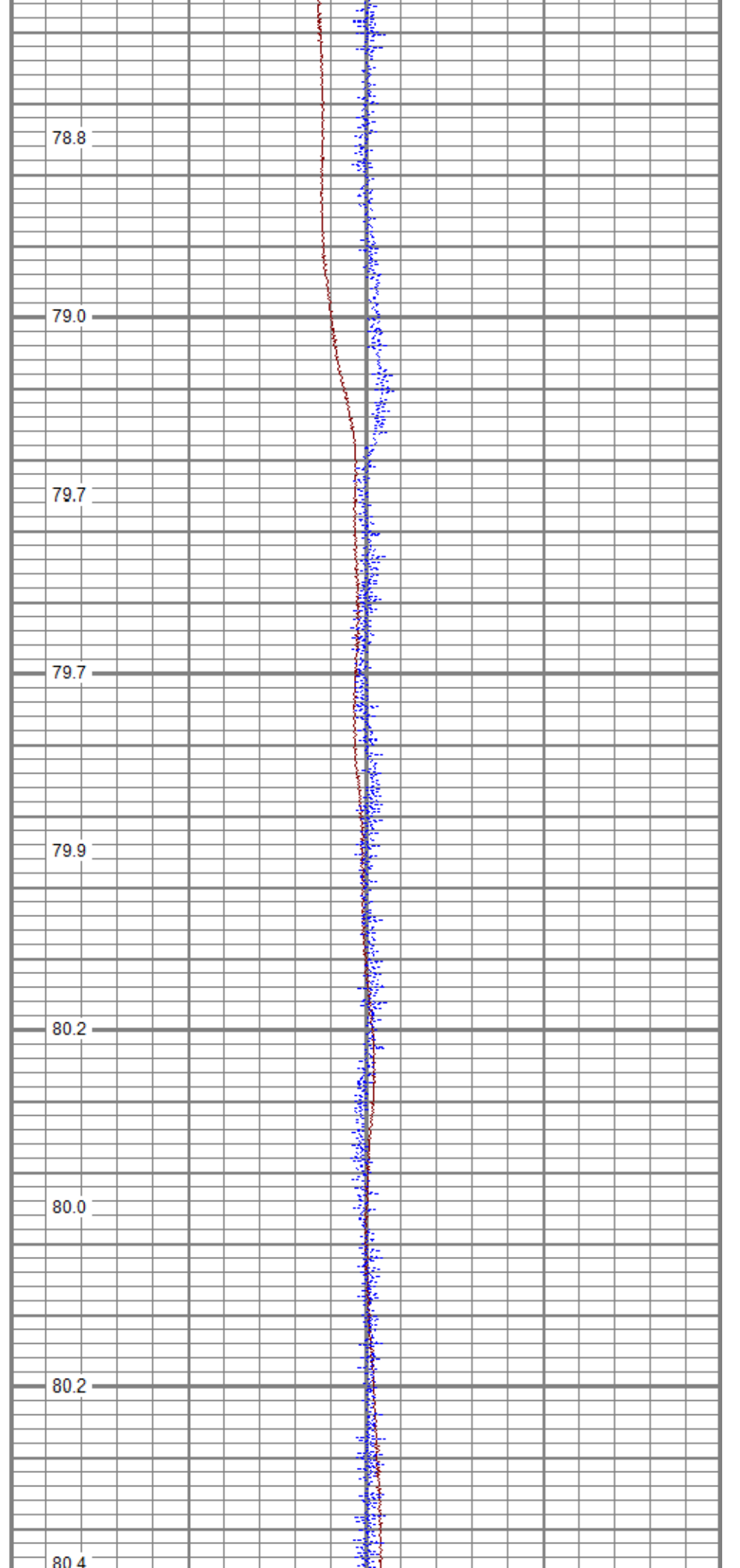
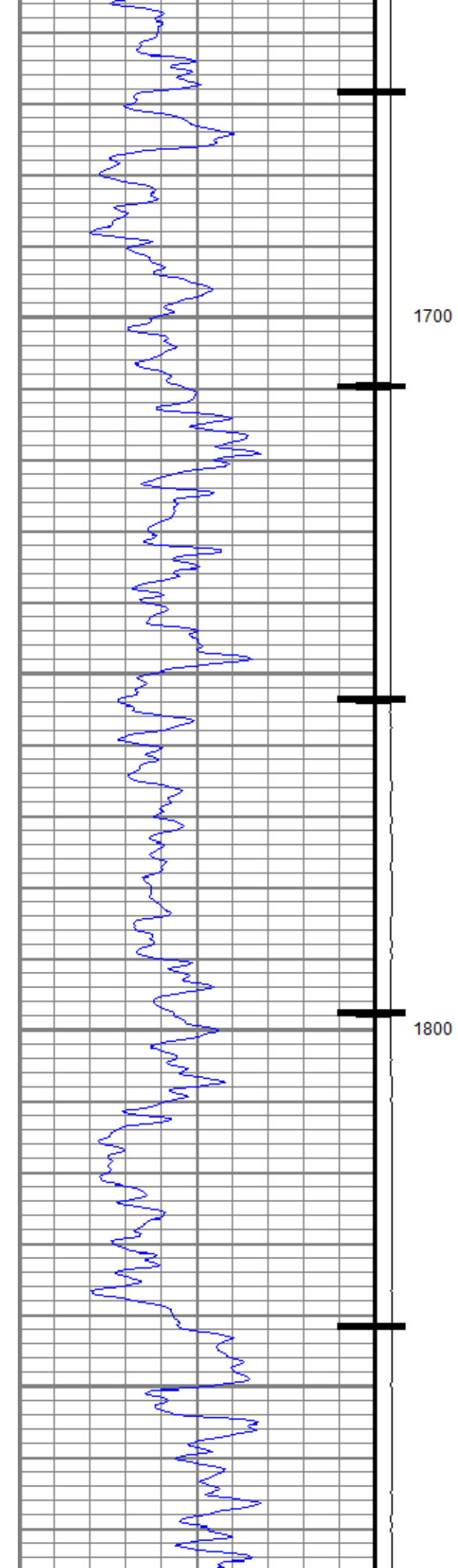


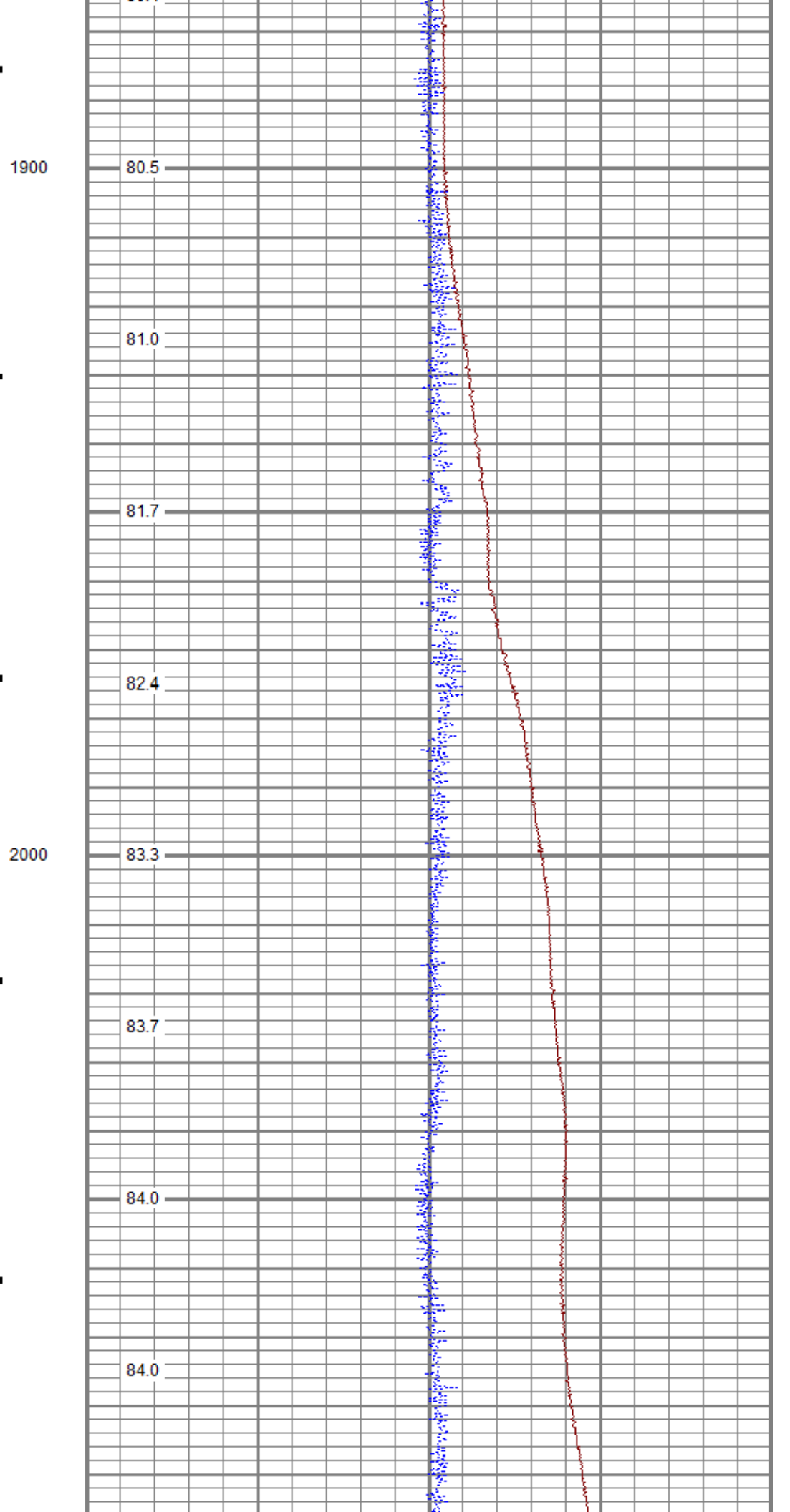
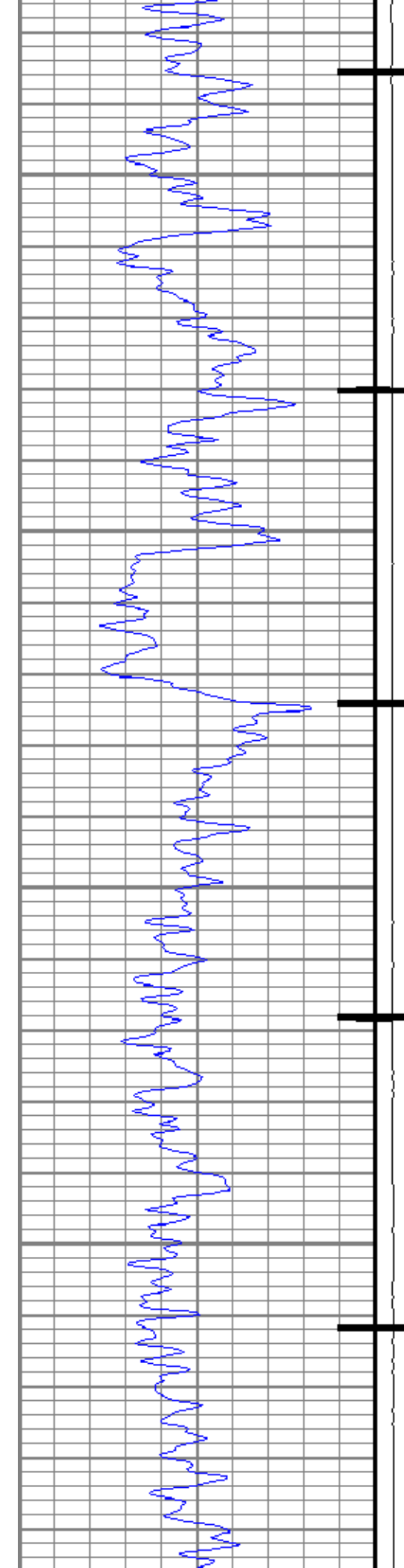


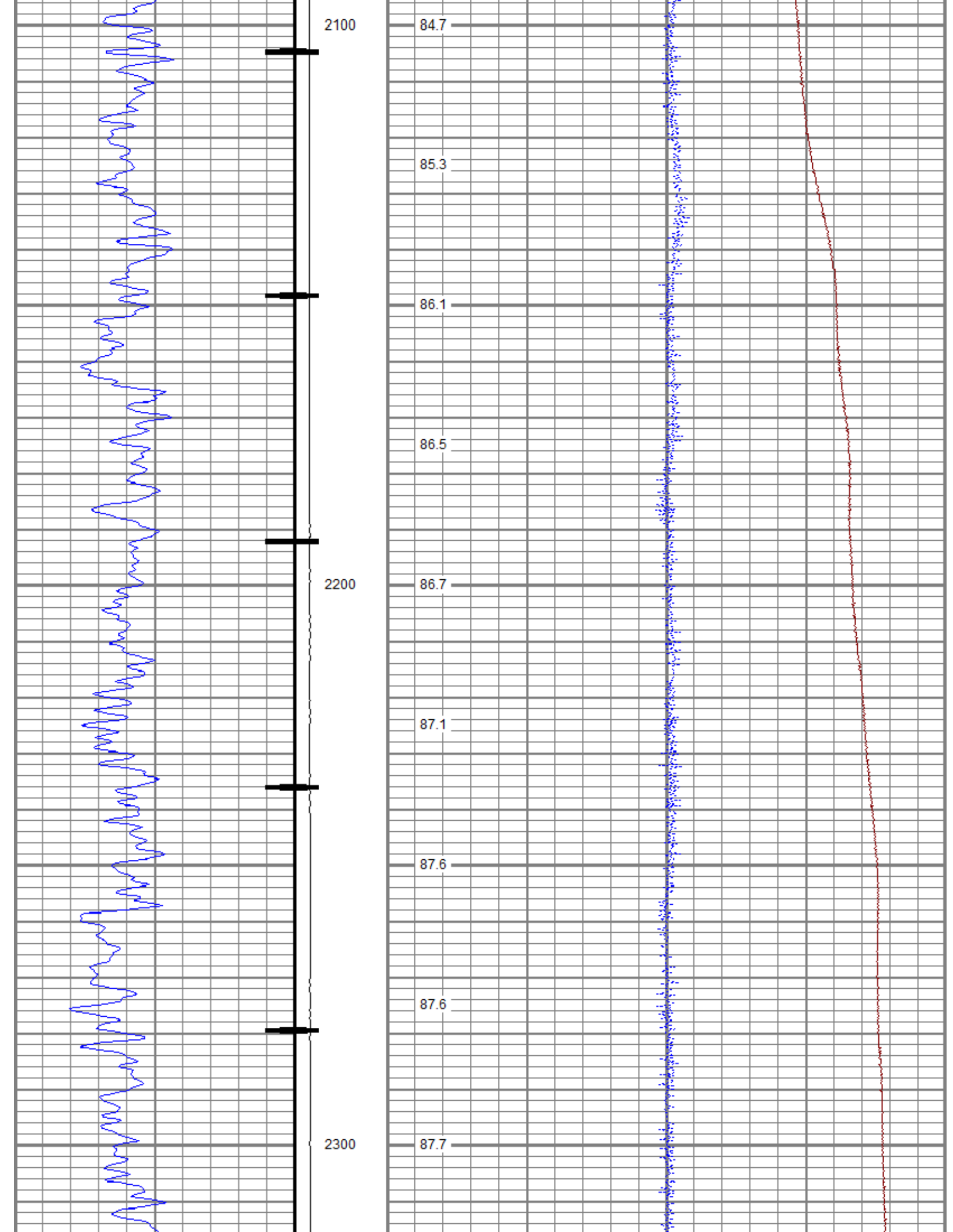


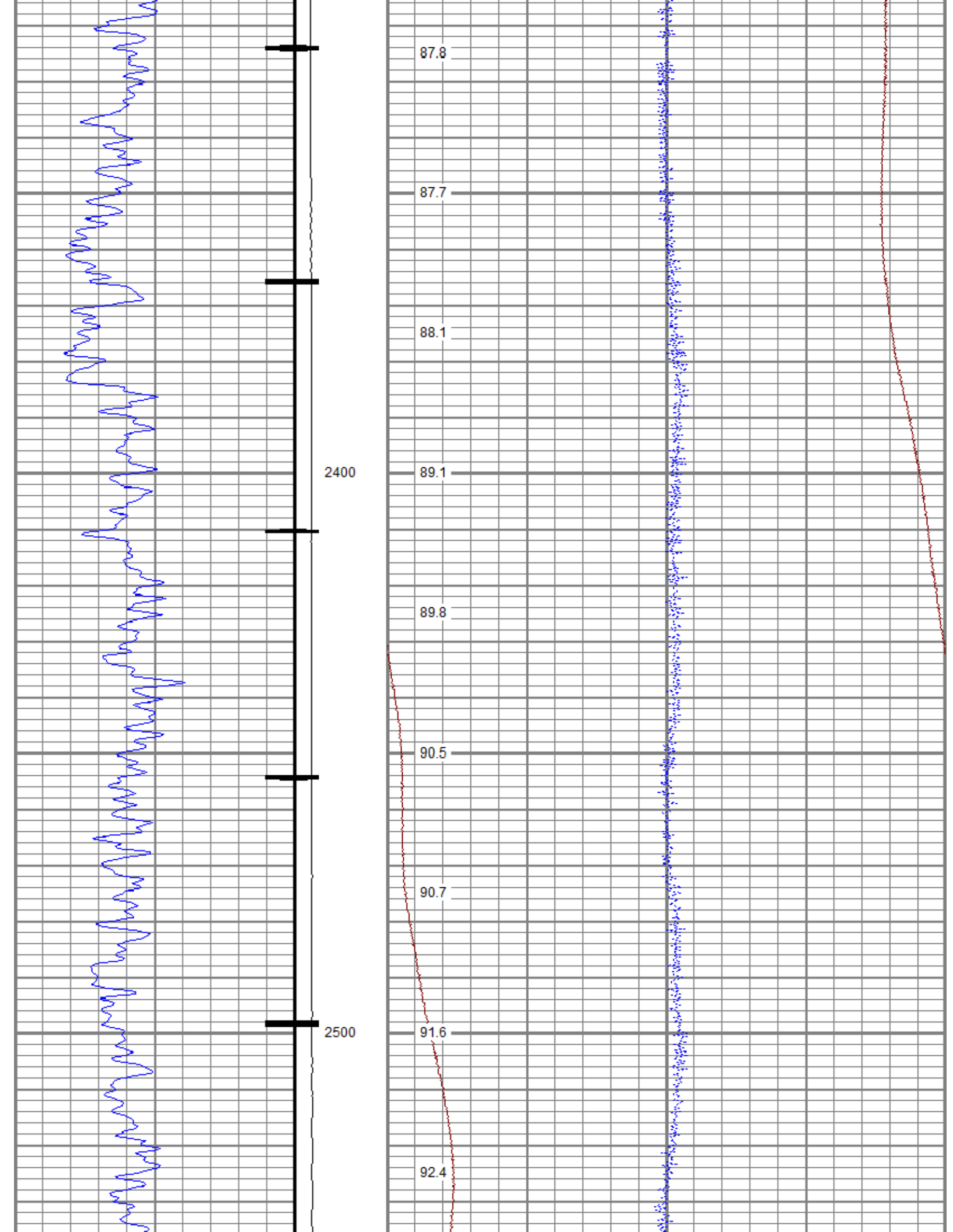


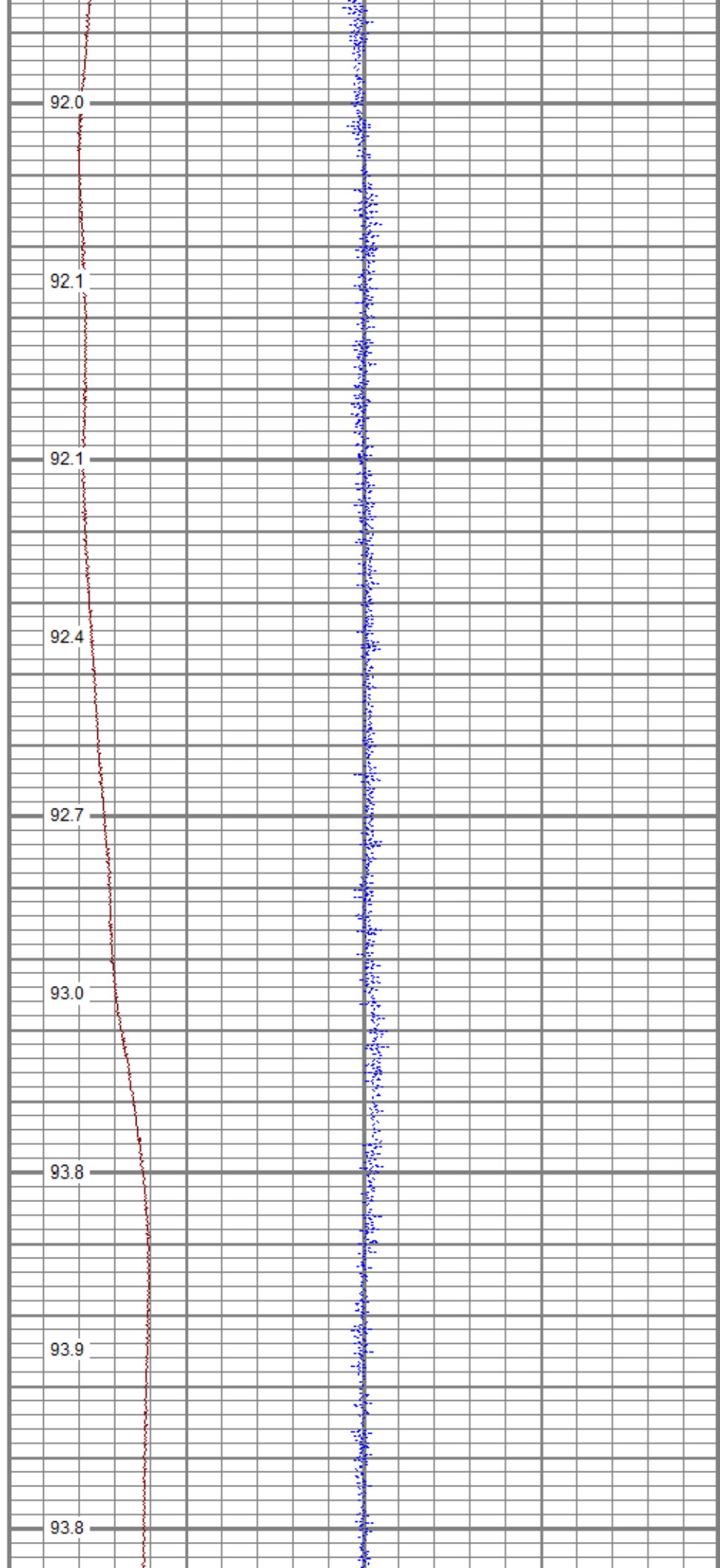
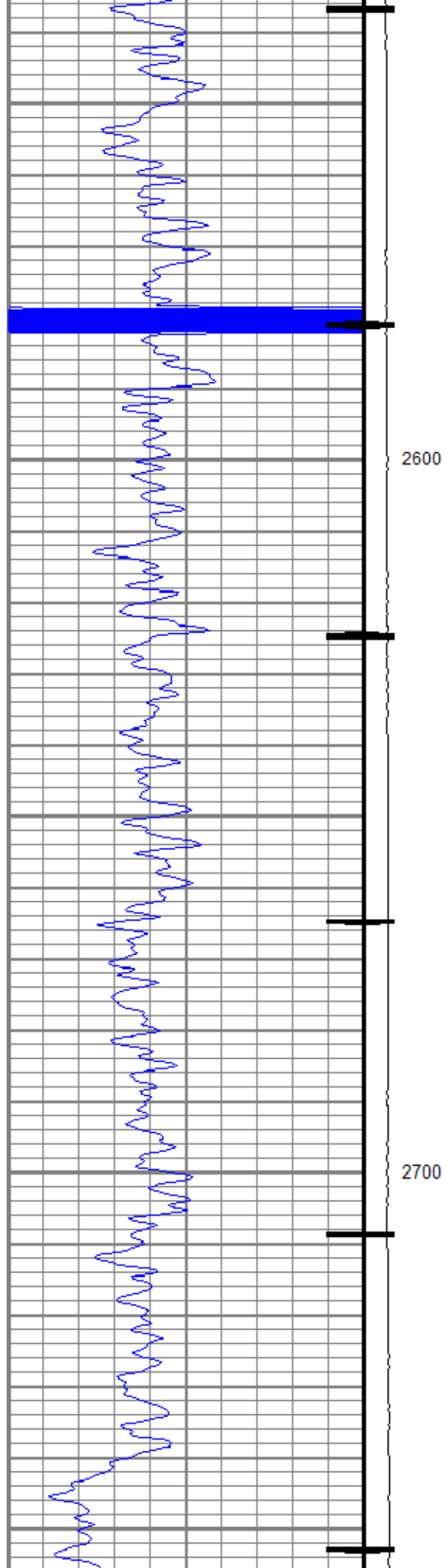


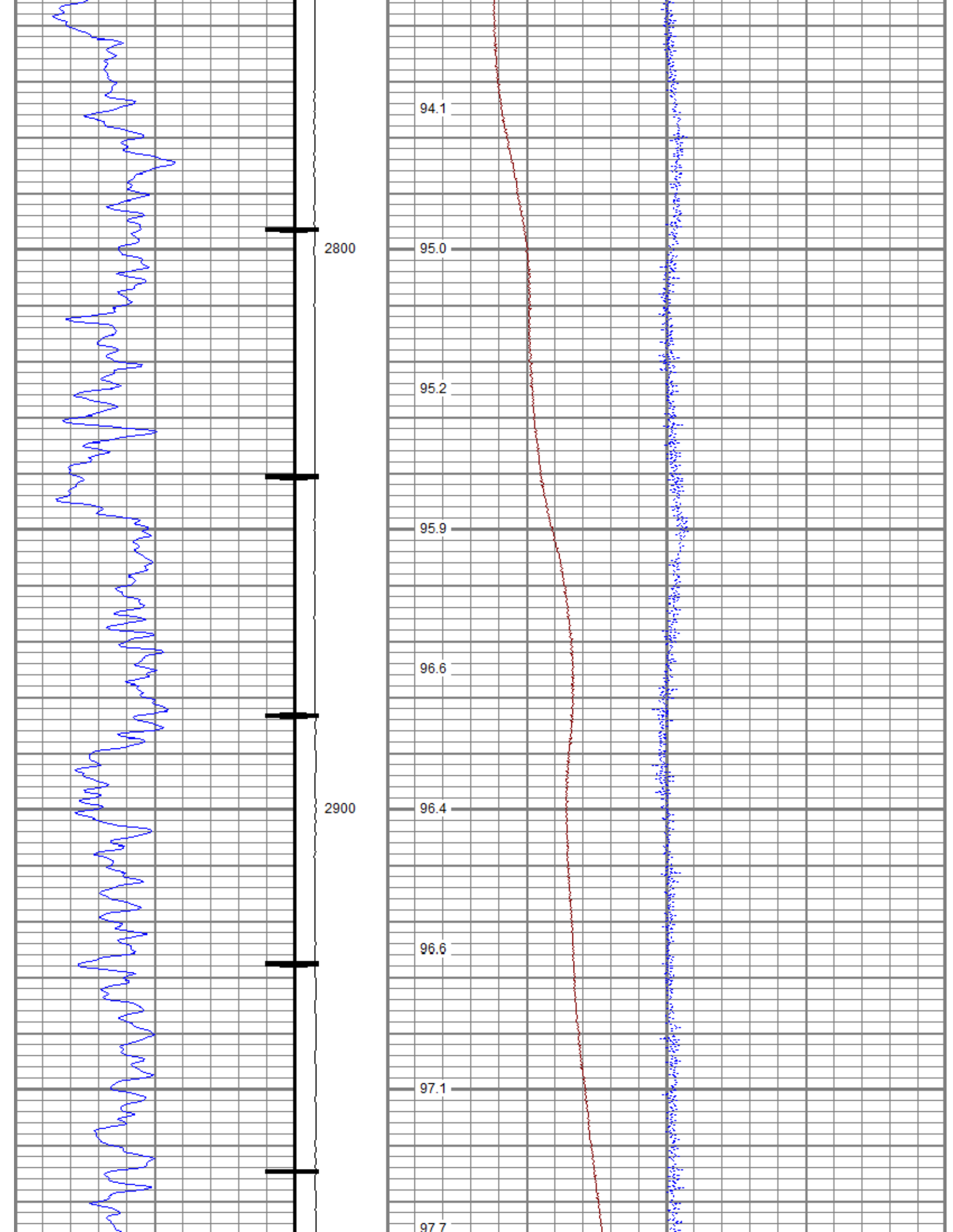




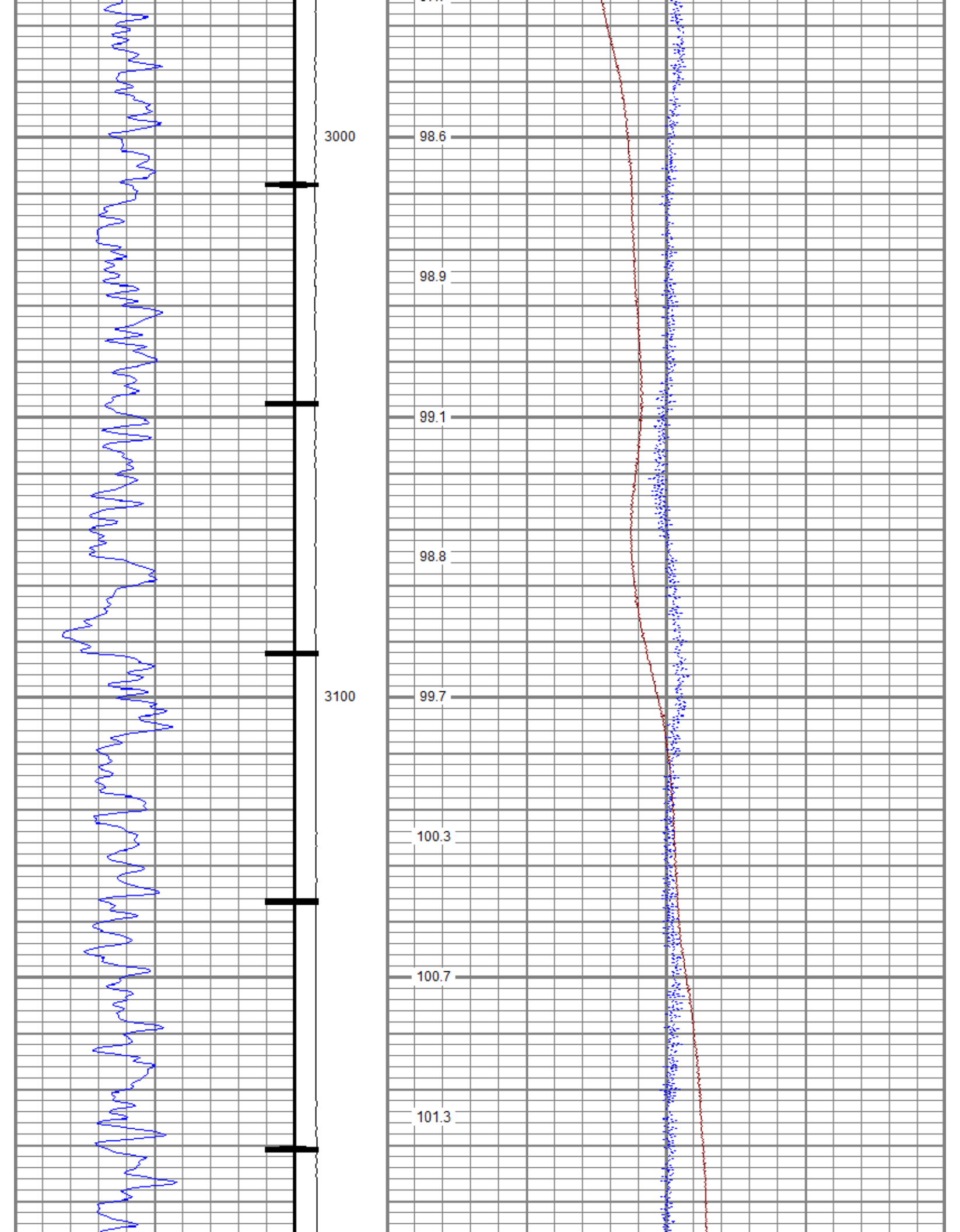


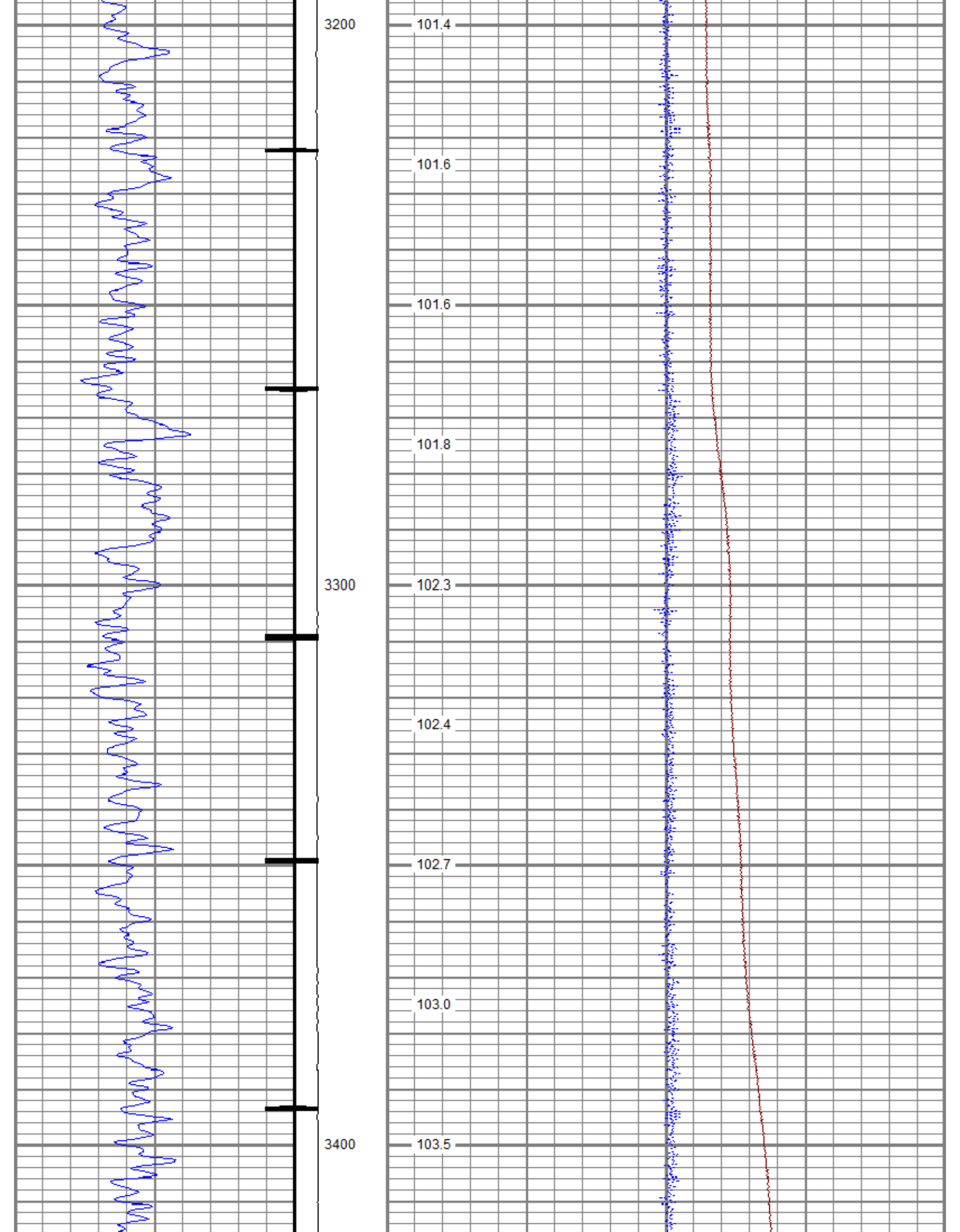


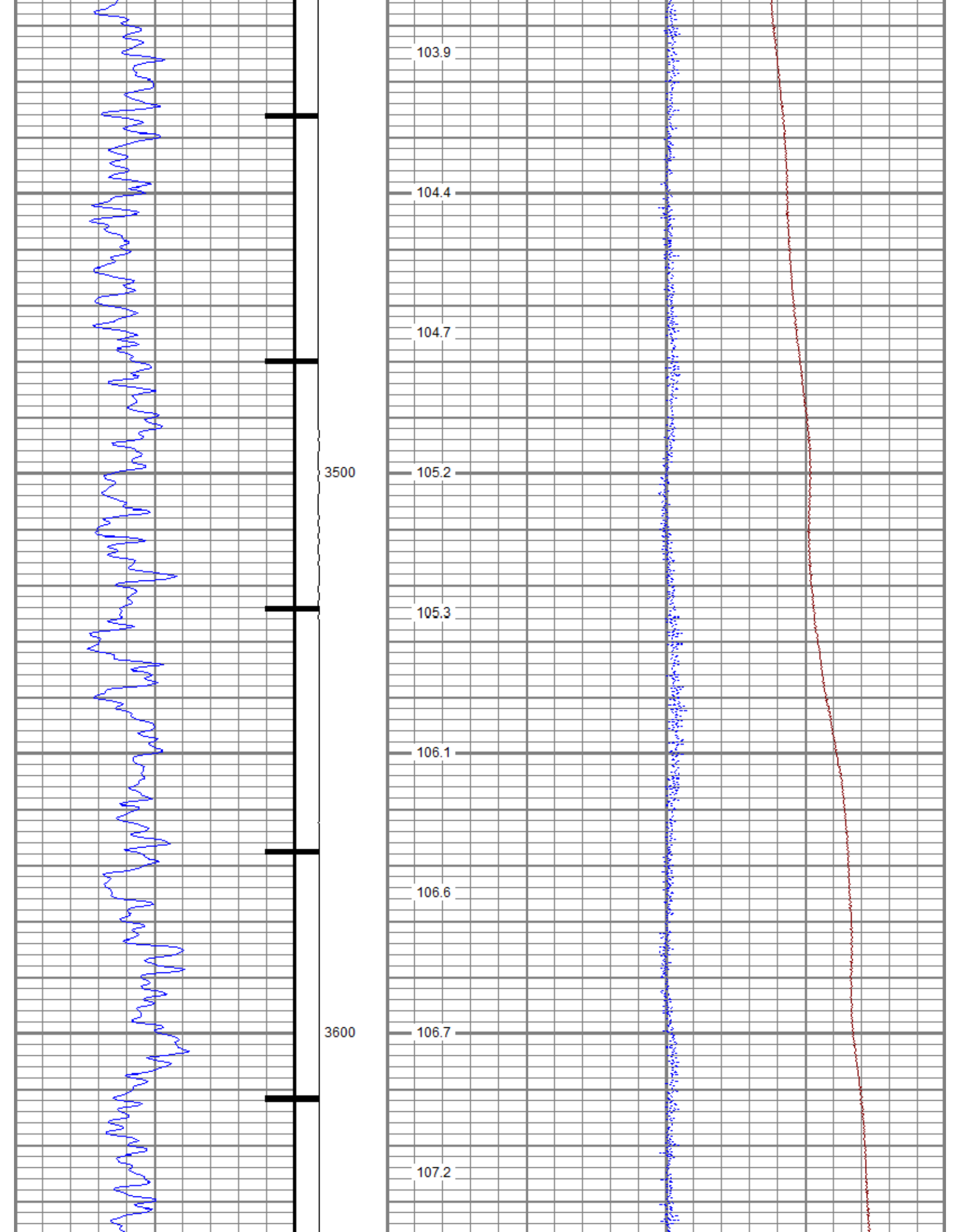


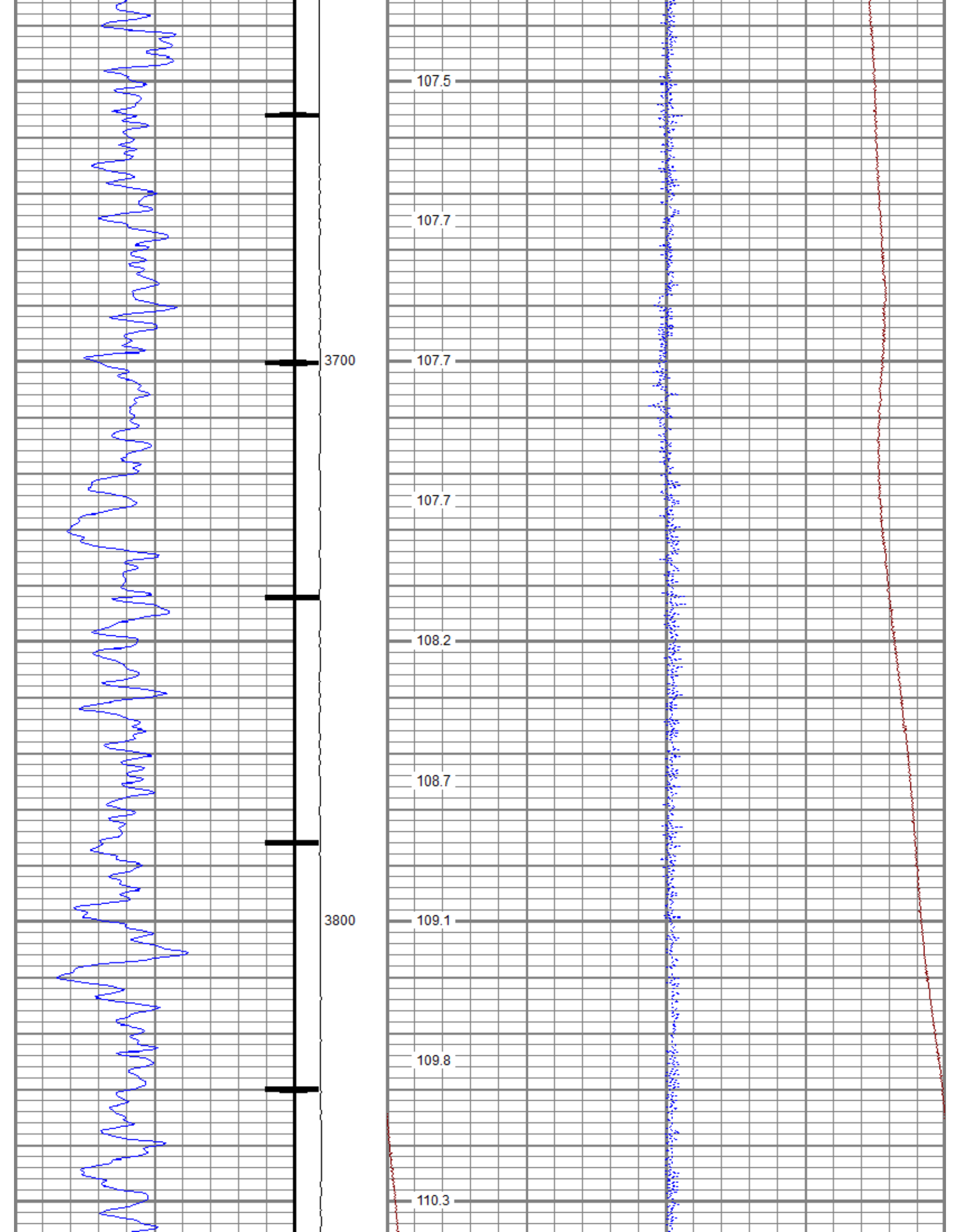


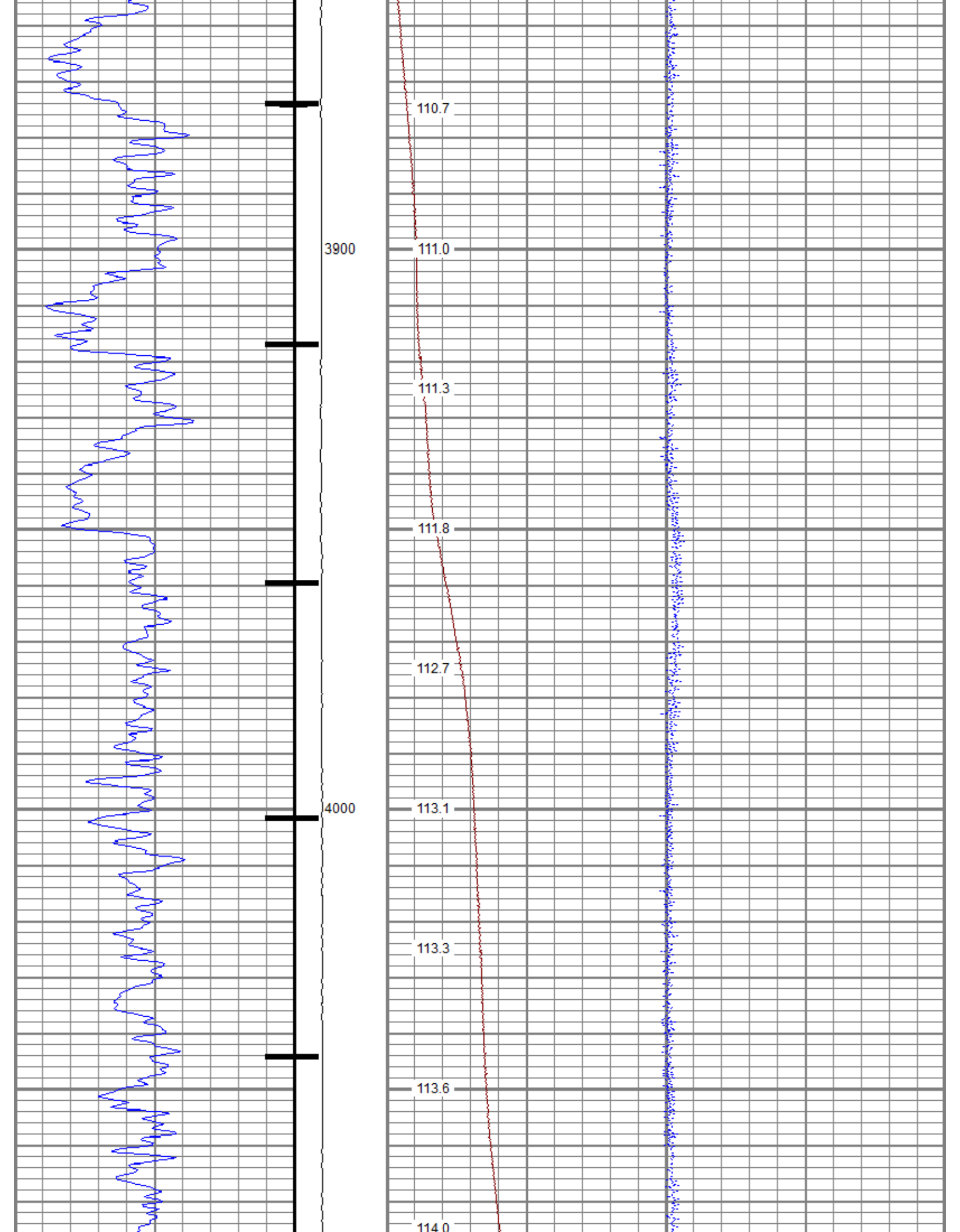


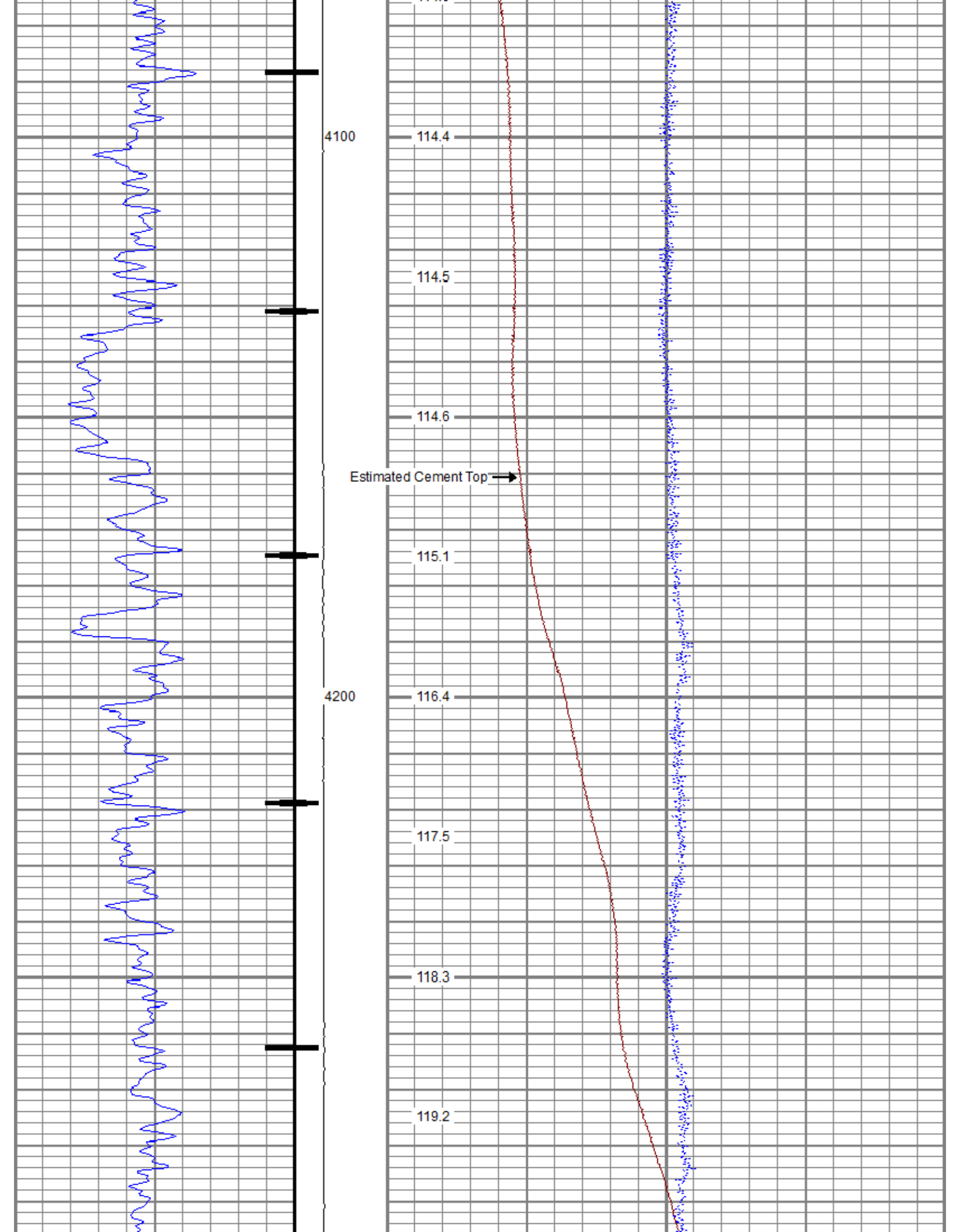


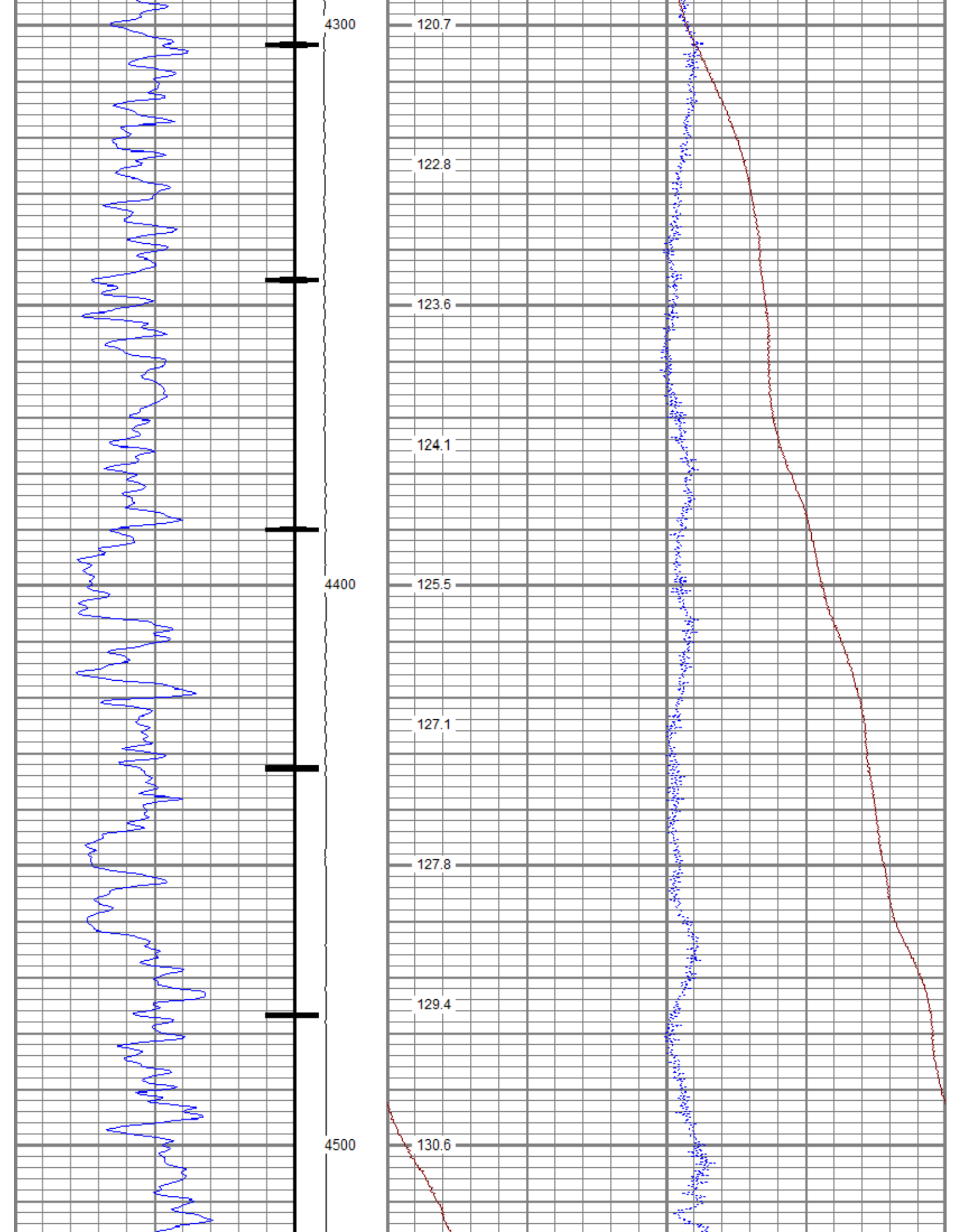


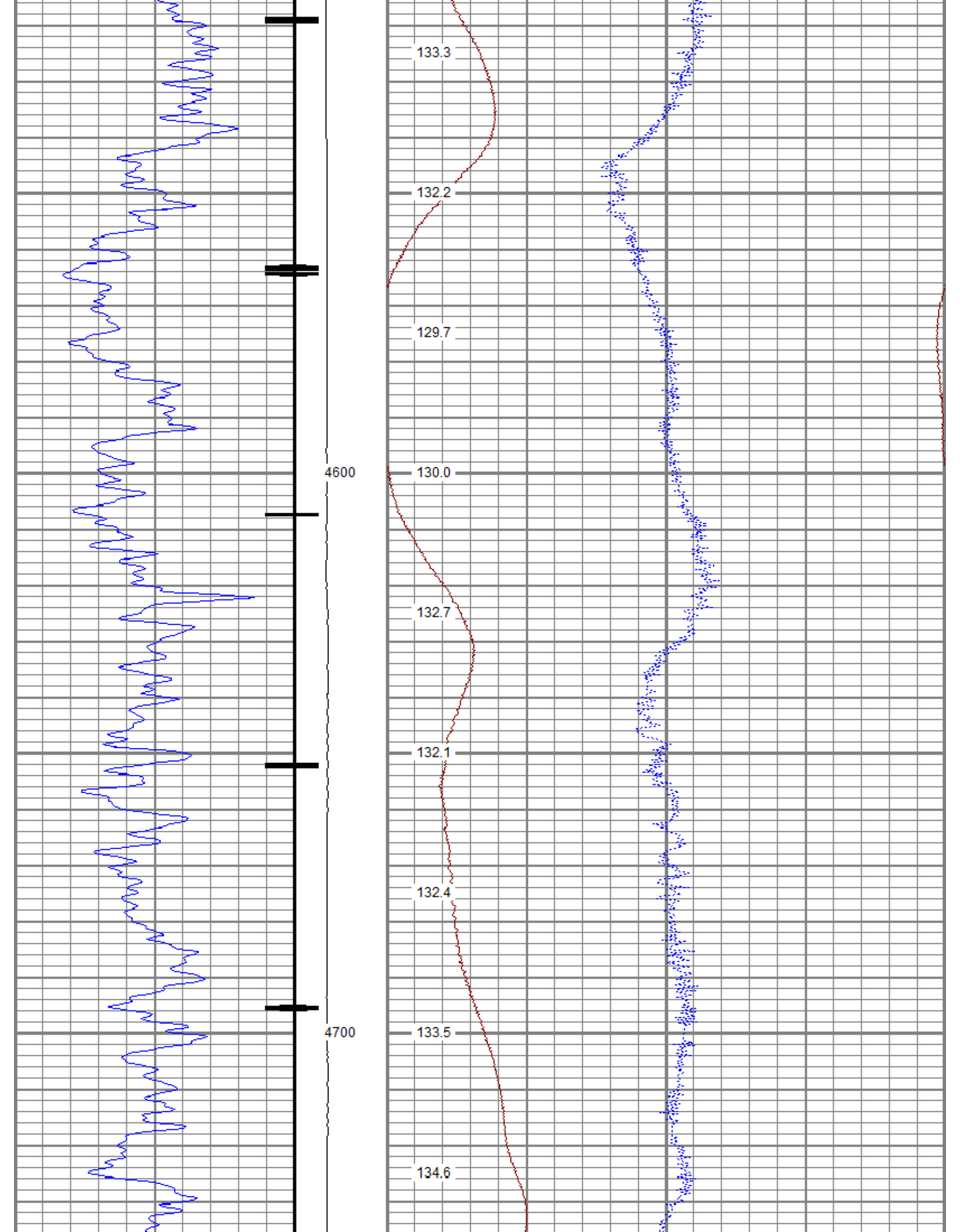




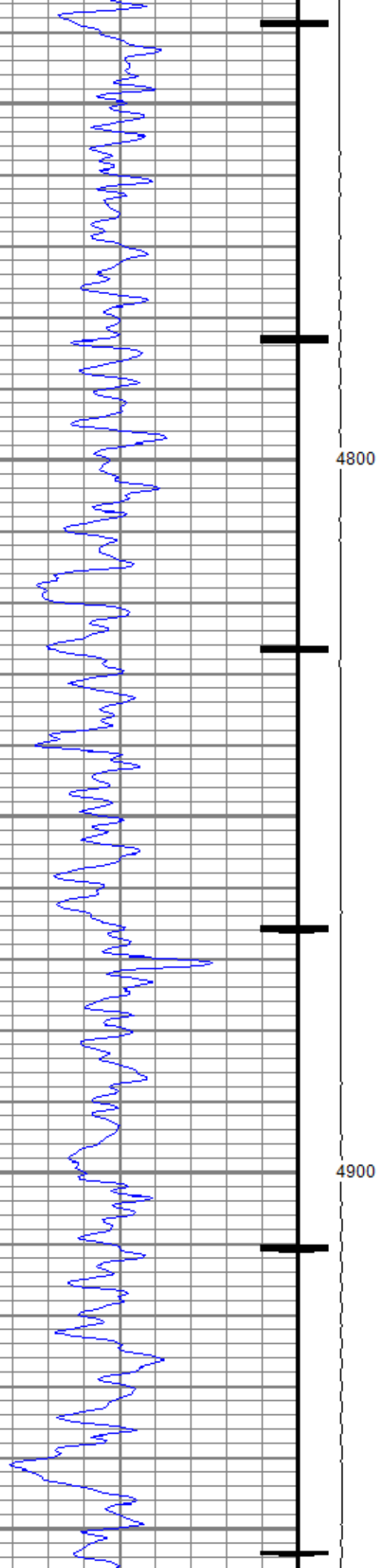












134.8

134.8

135.8

136.0

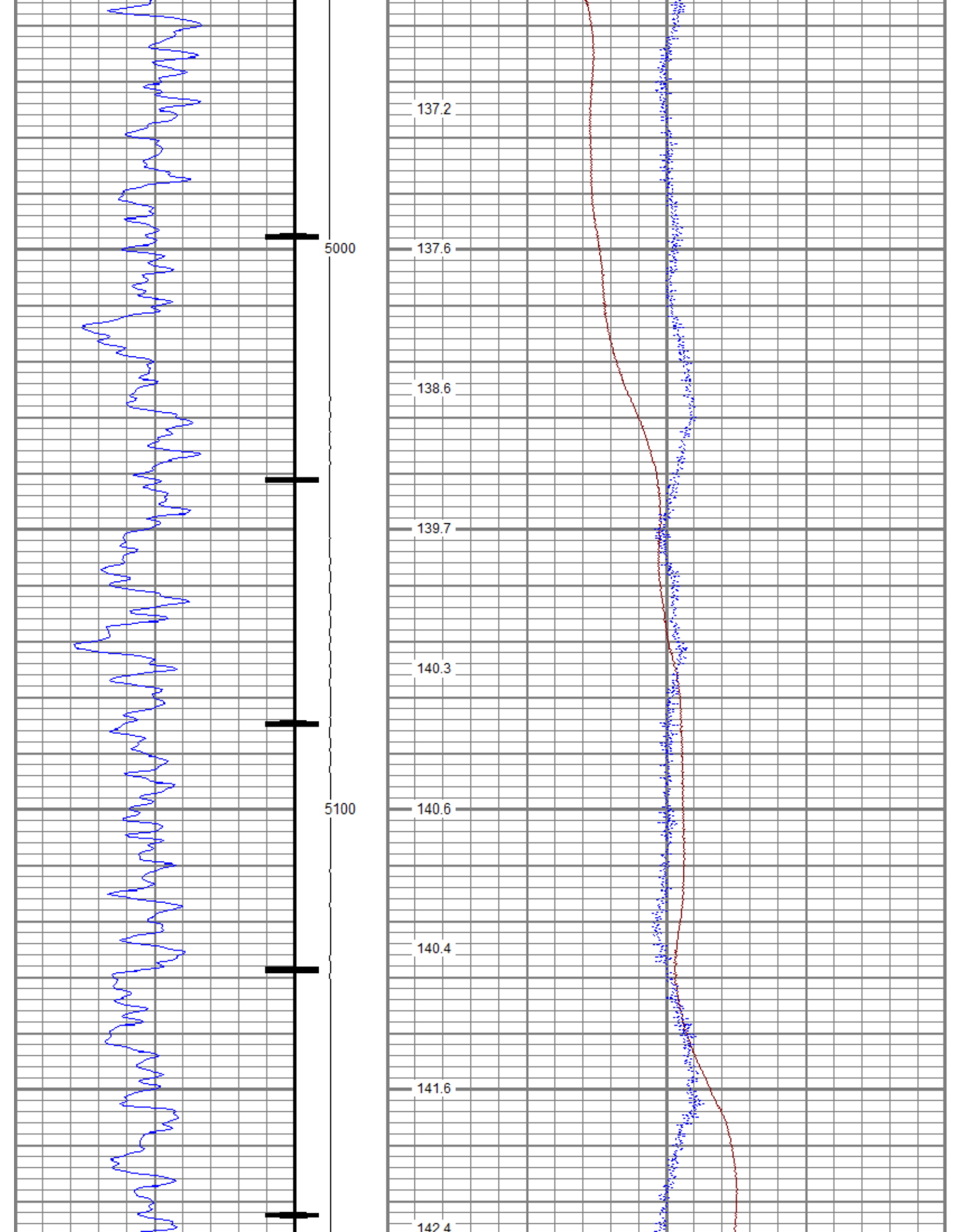
134.7

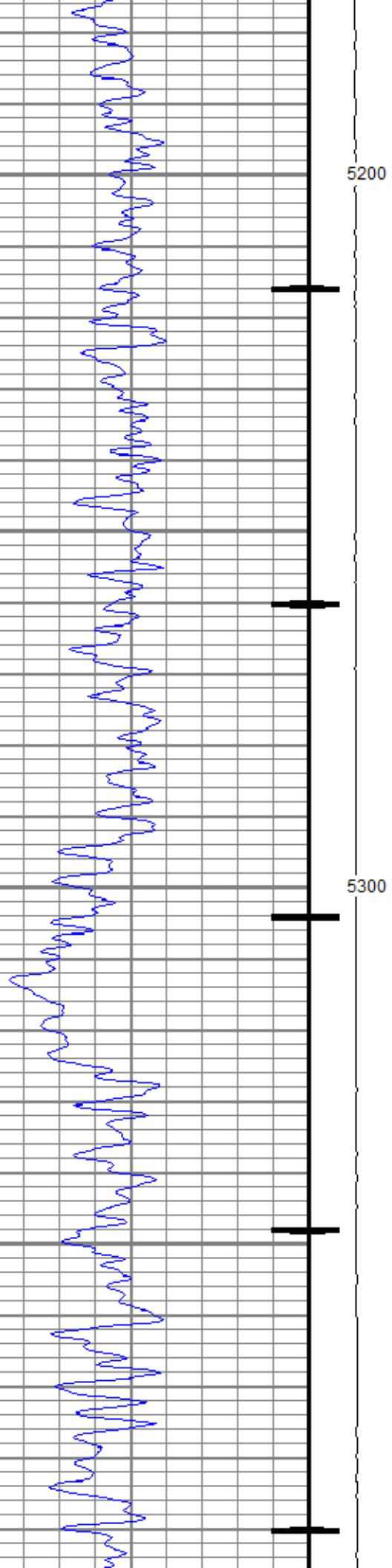
135.3

135.3

136.3

136.9





142.4

142.4

141.7

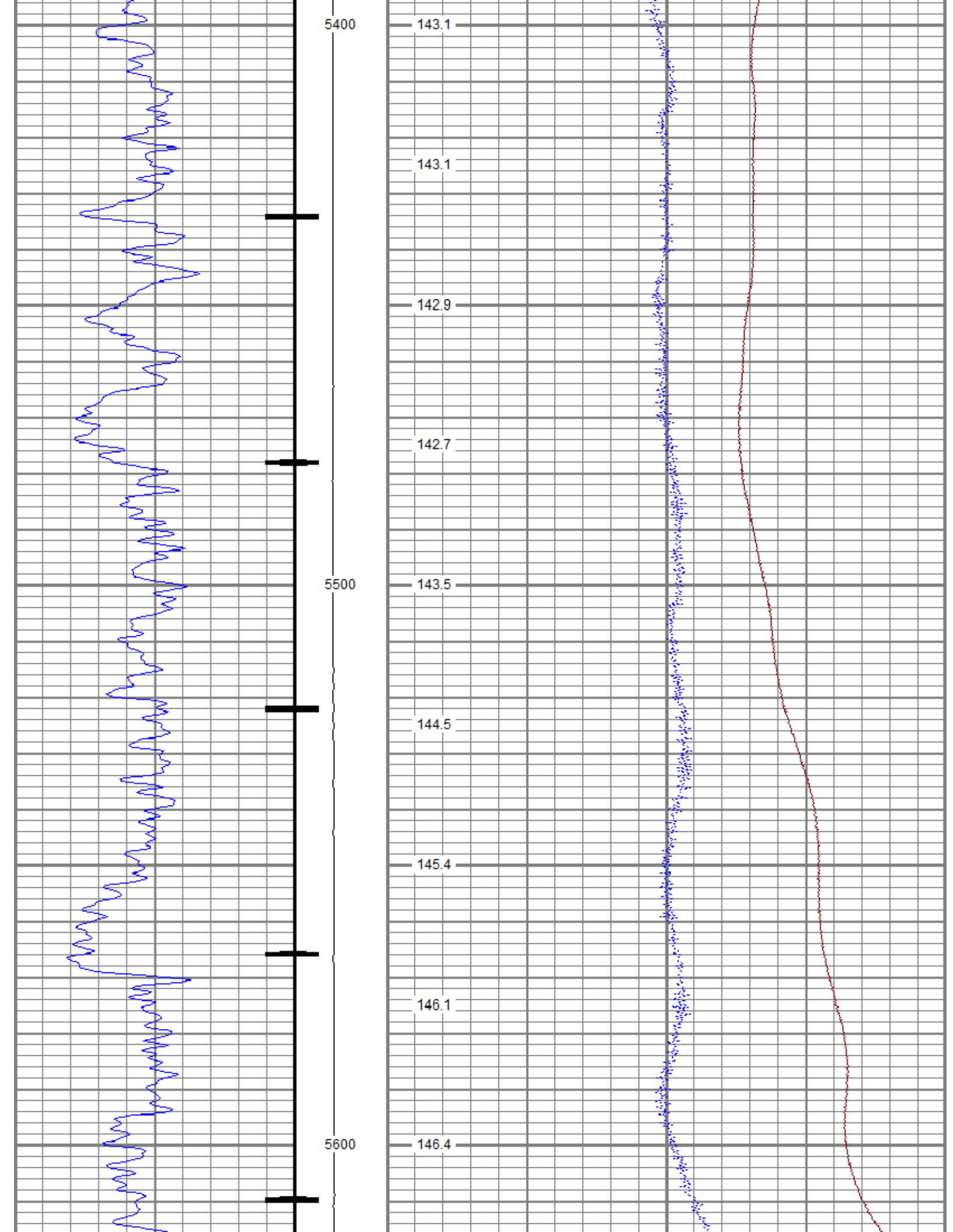
141.8

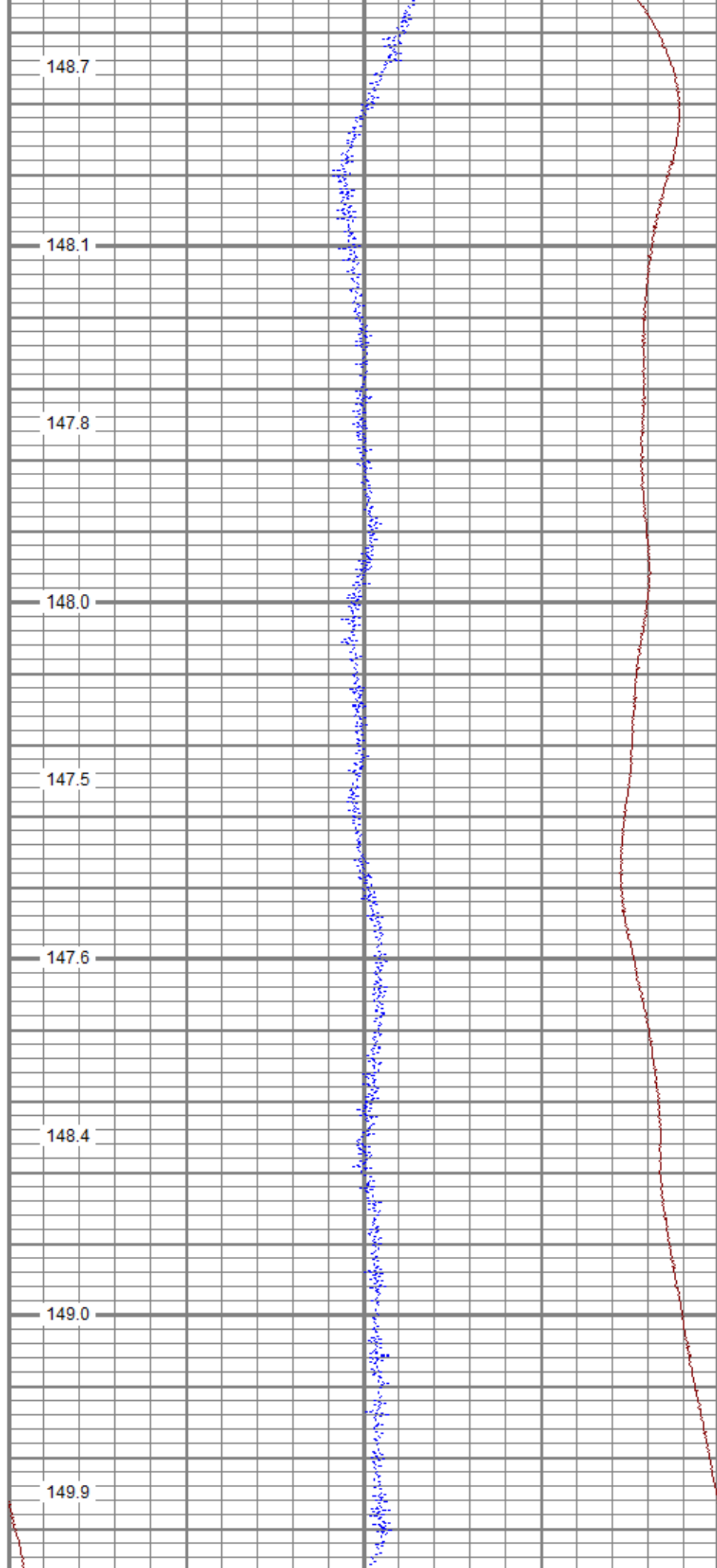
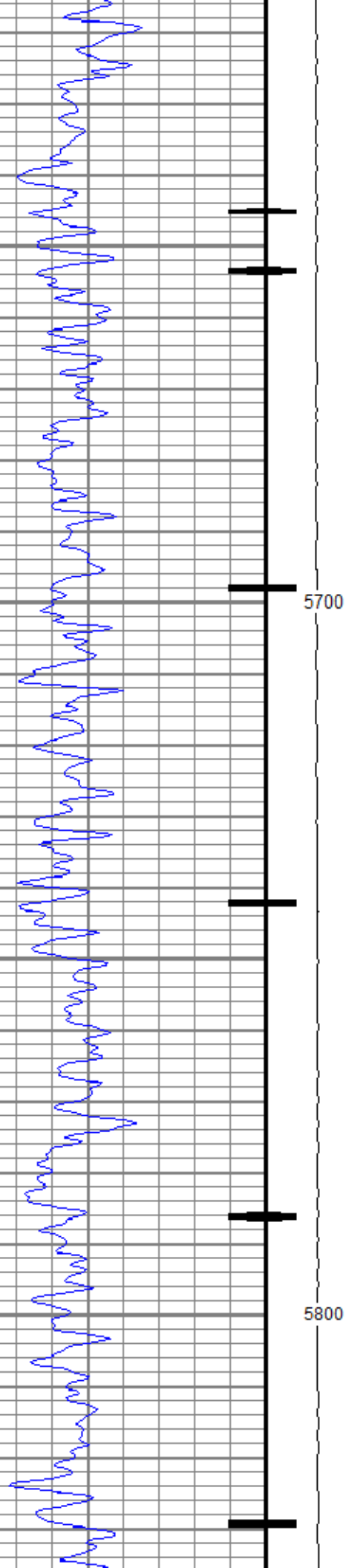
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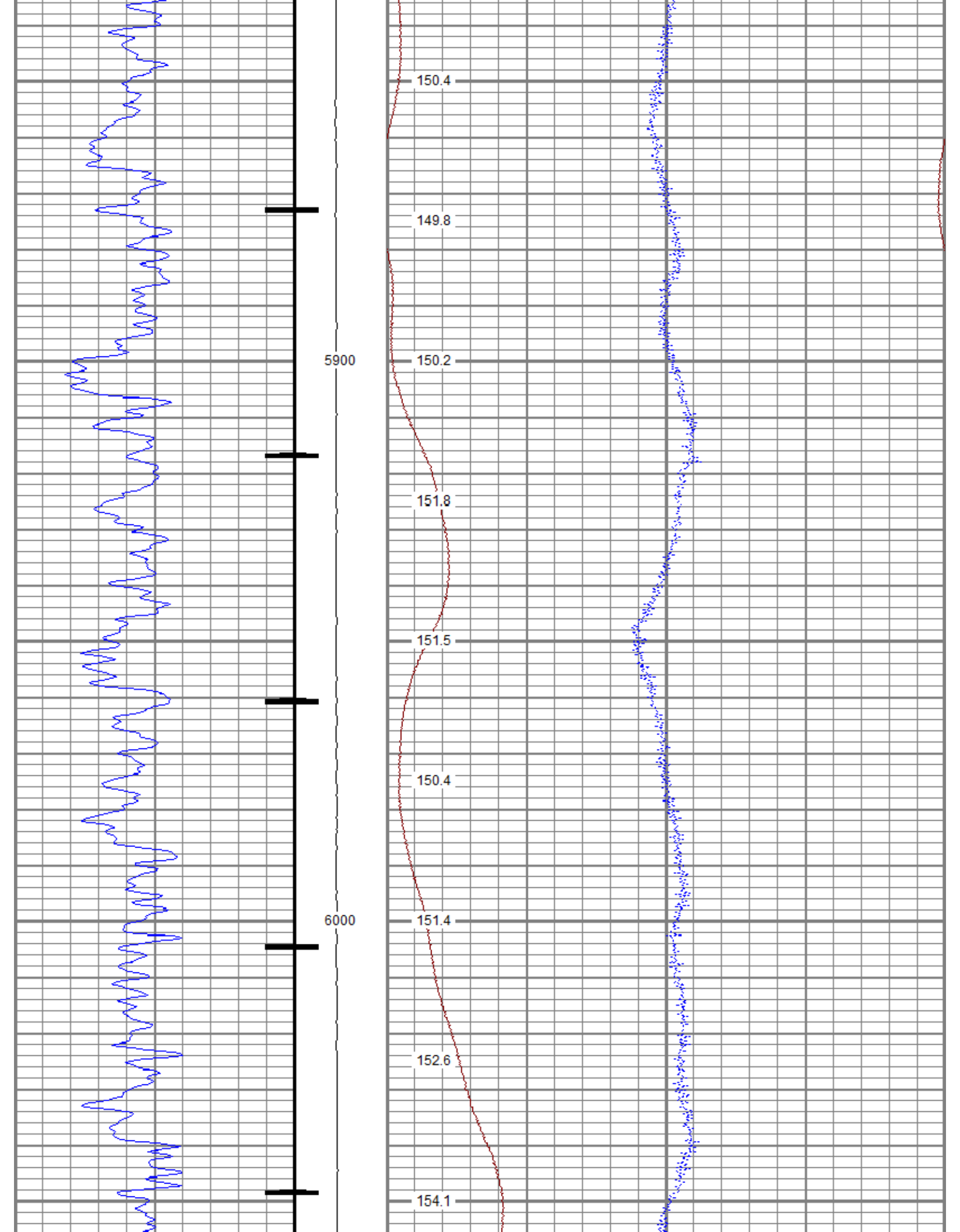
141.2

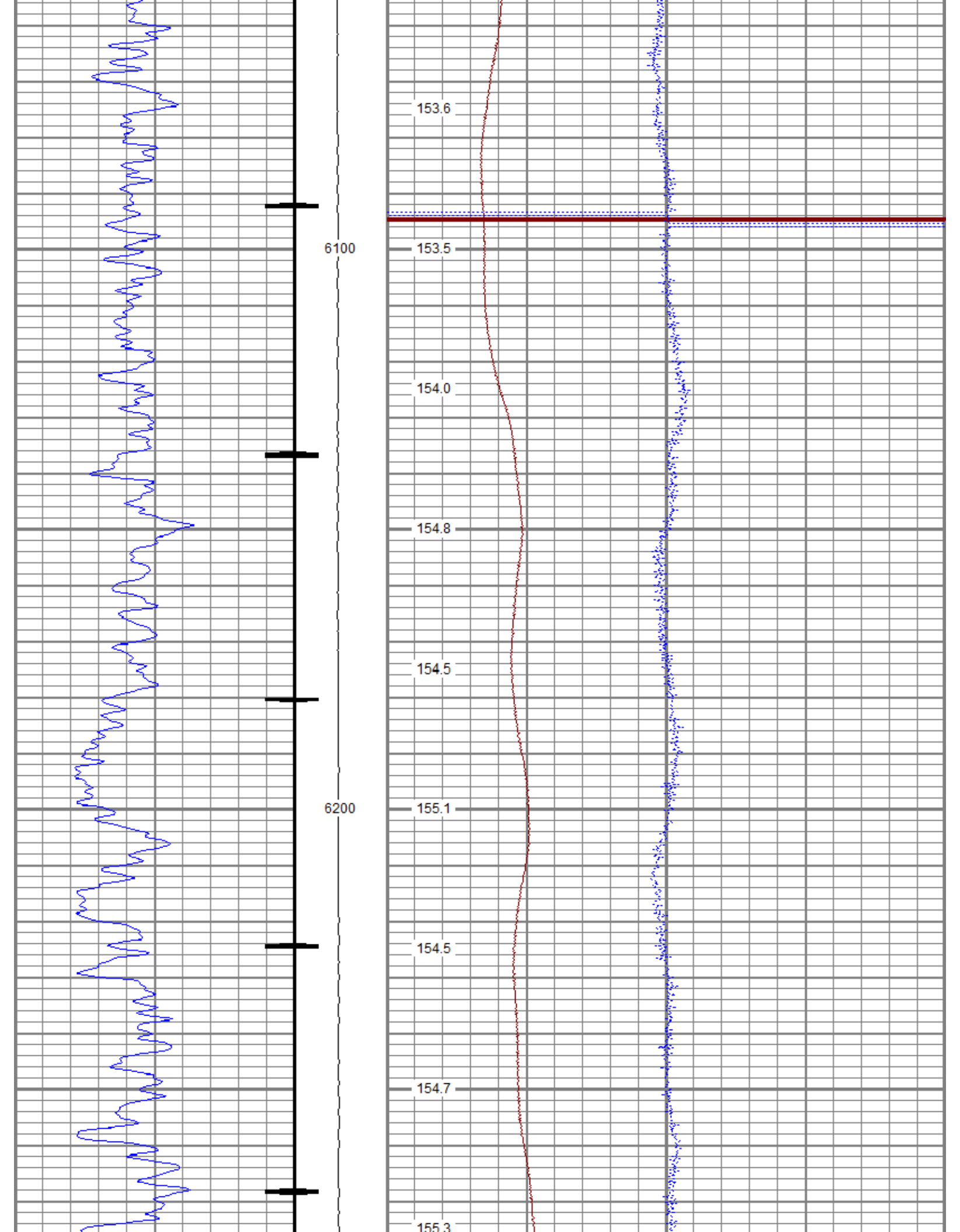
142.2

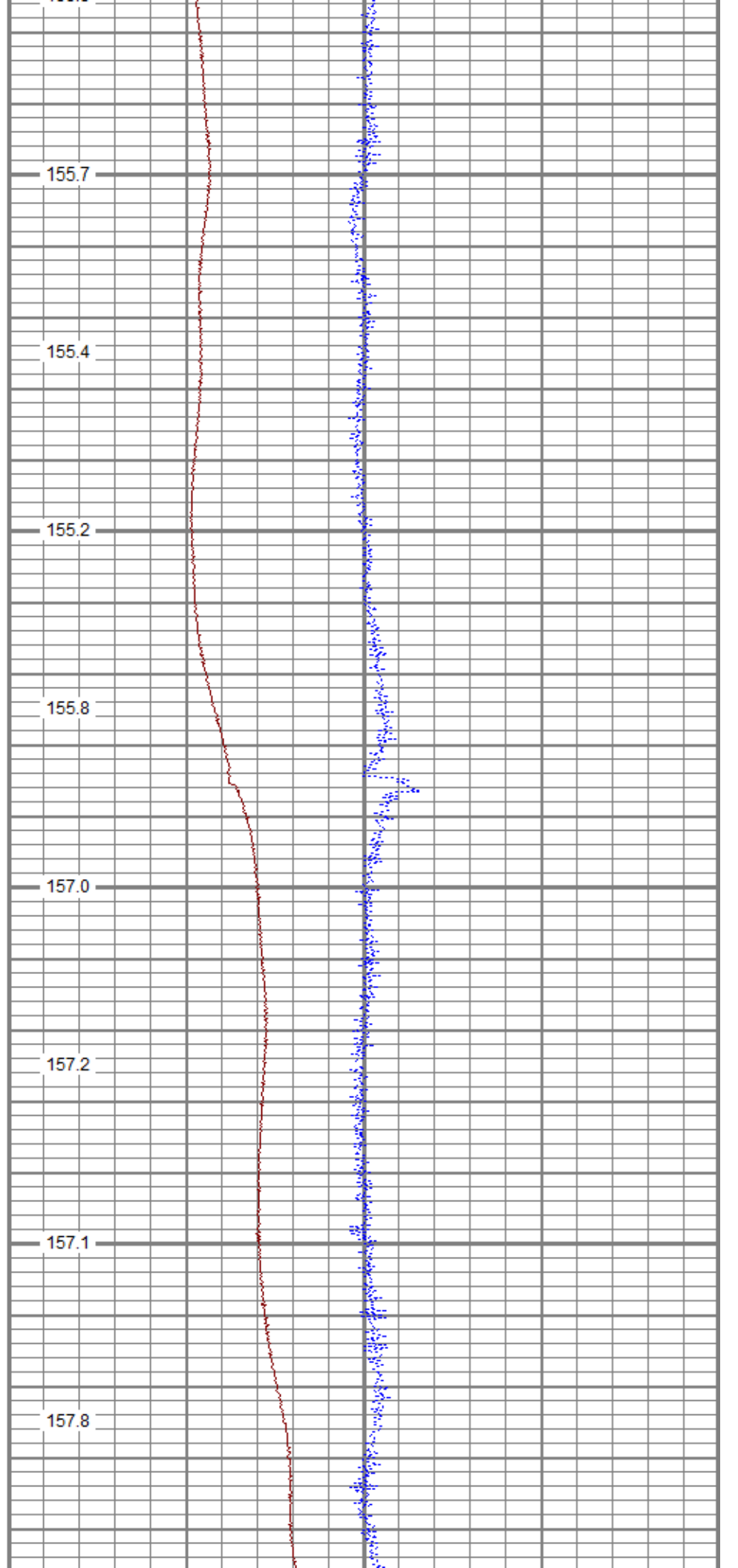
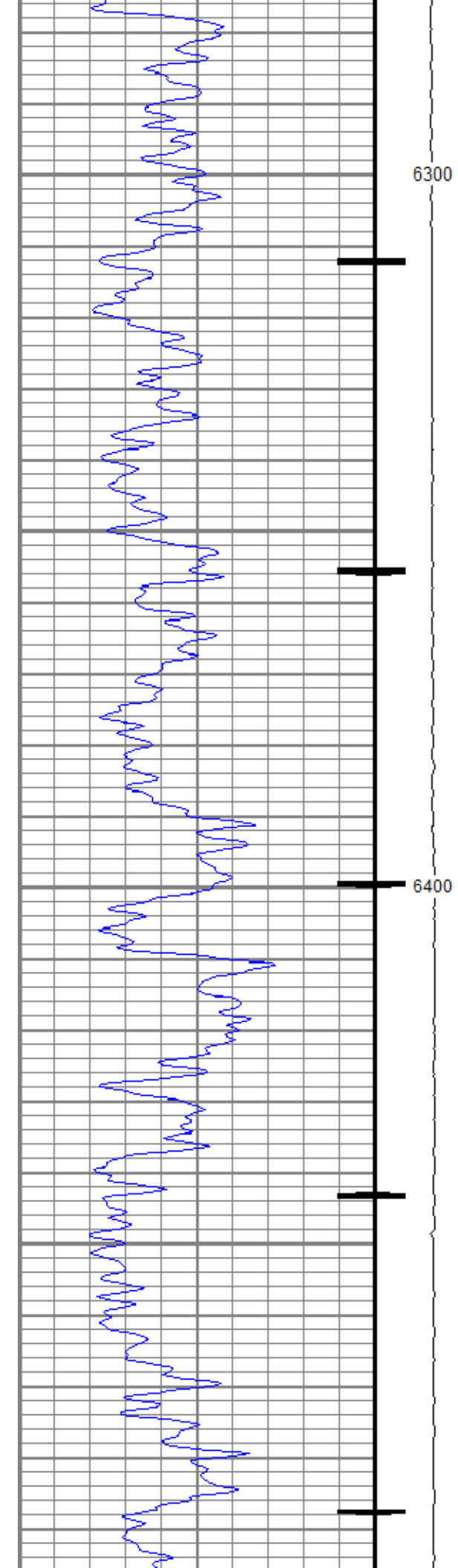
143.5



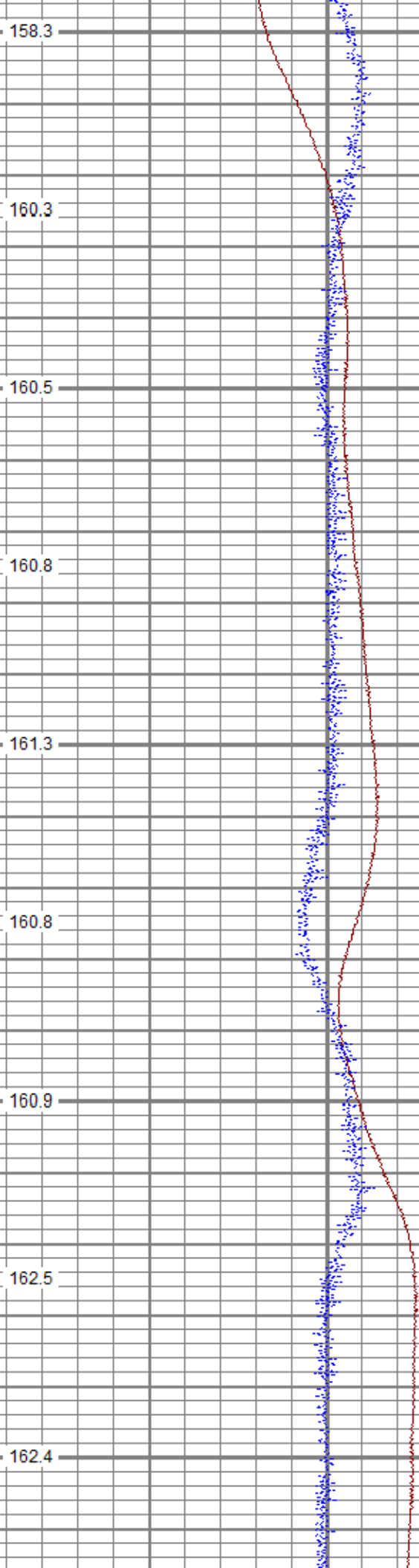
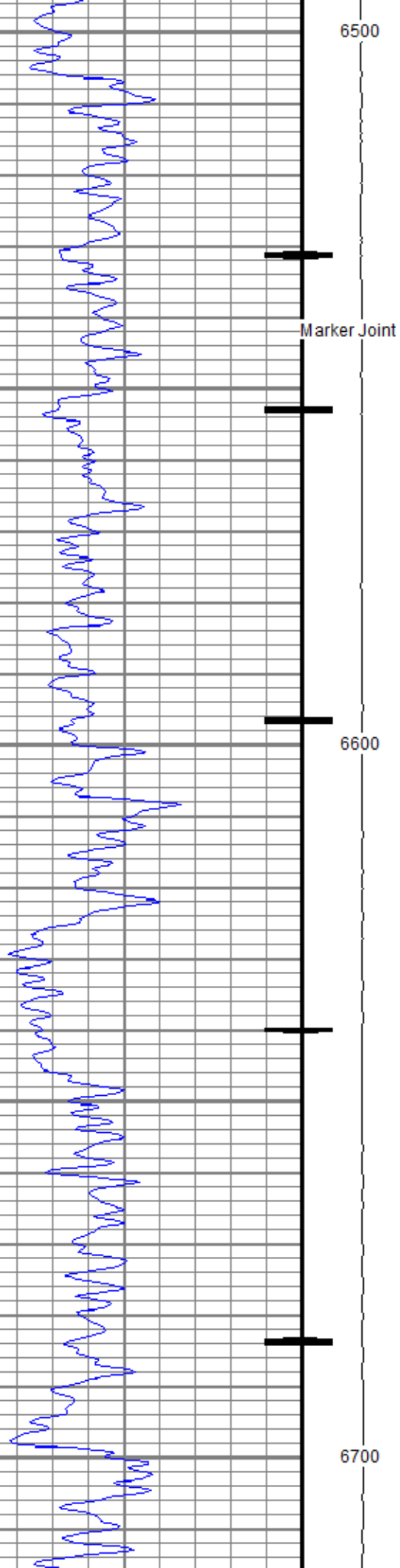


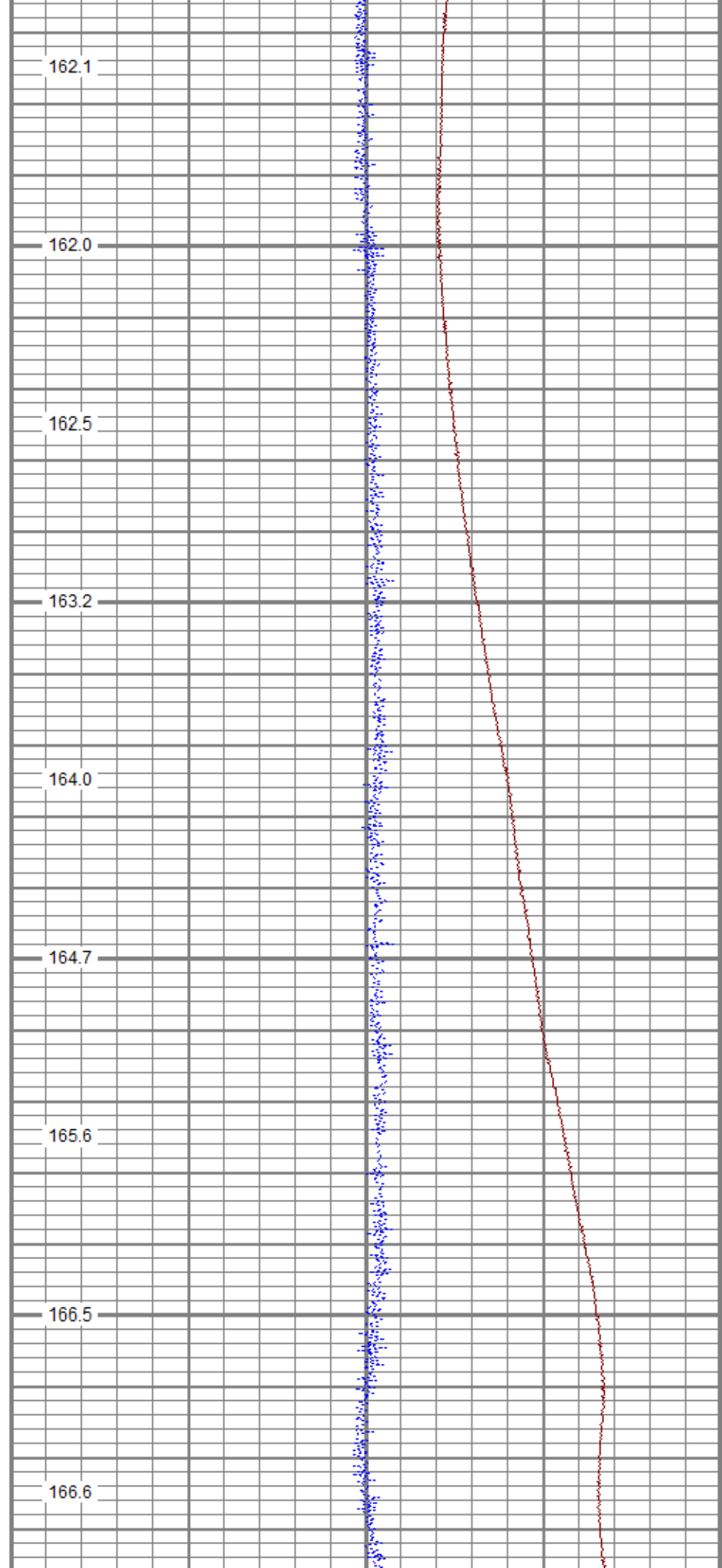
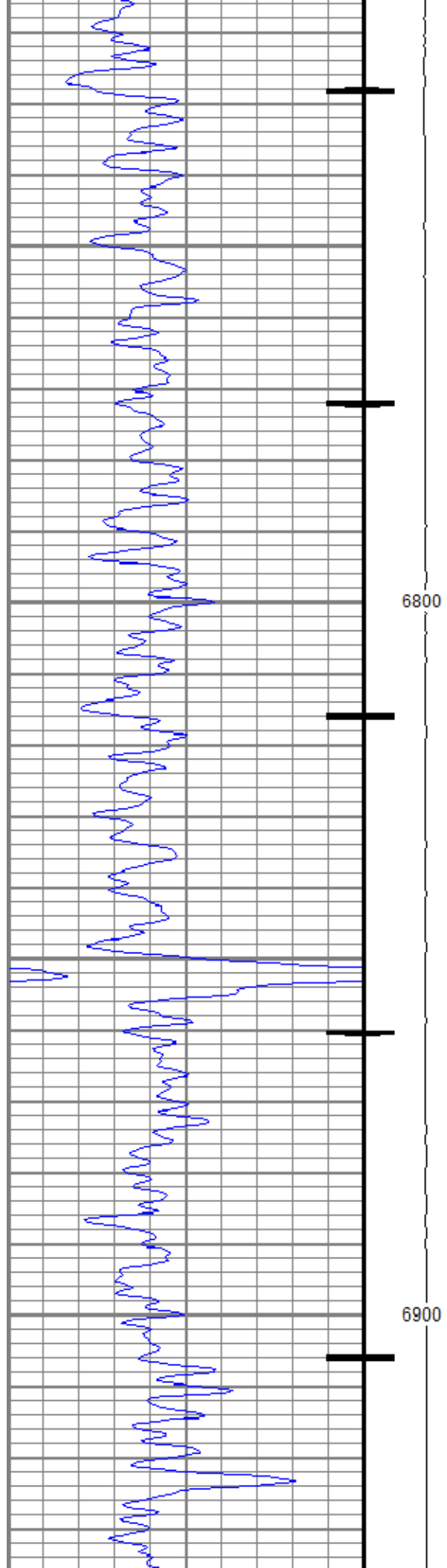


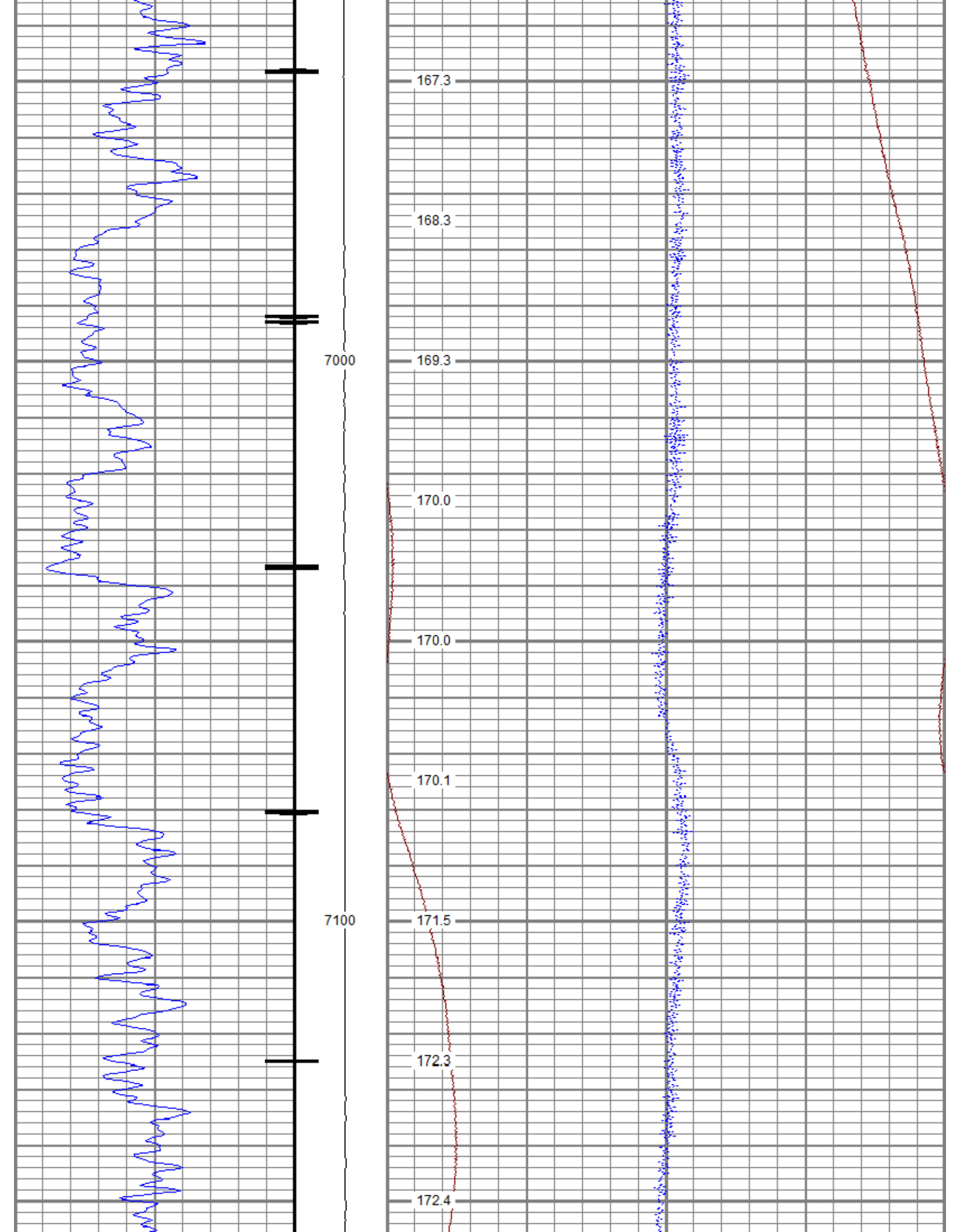


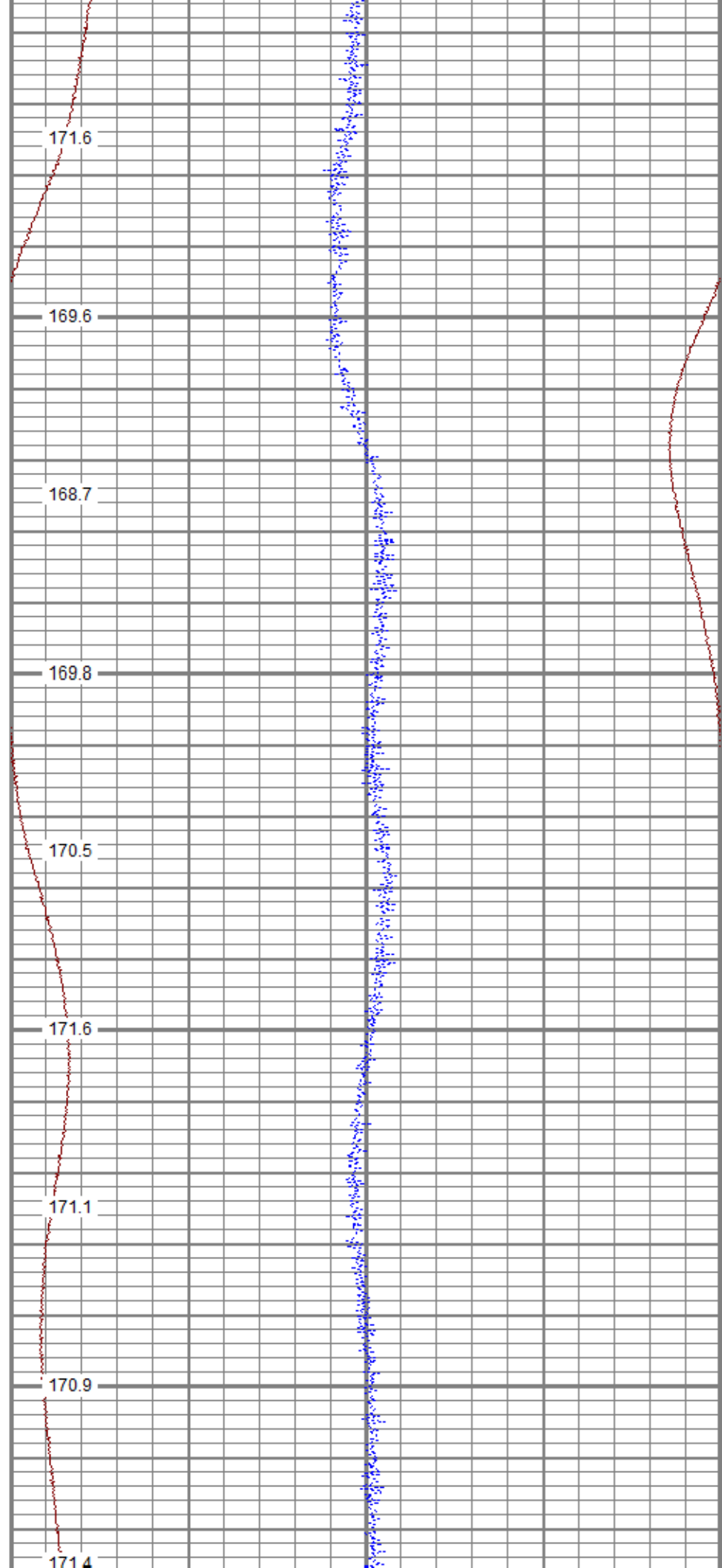
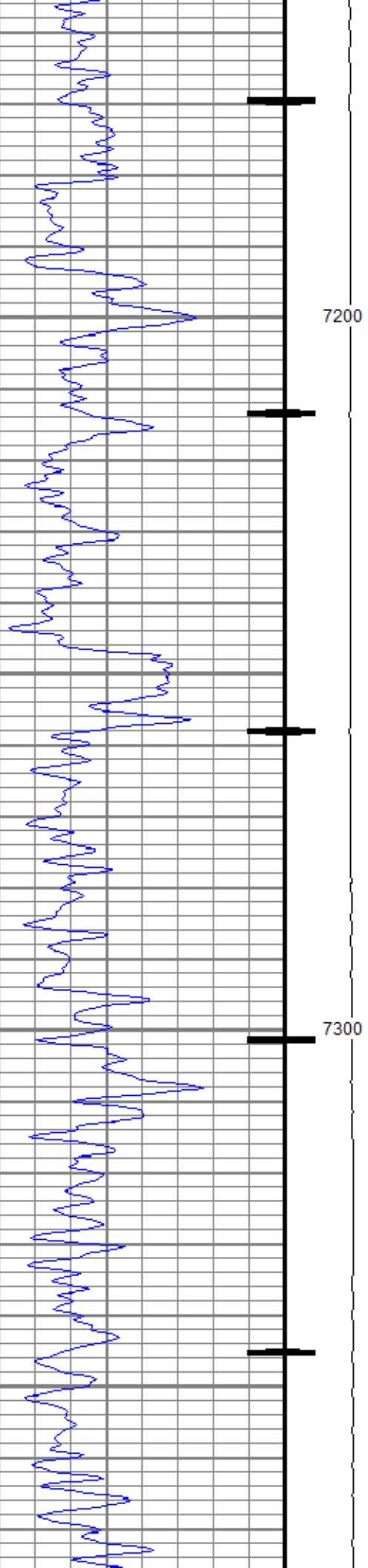


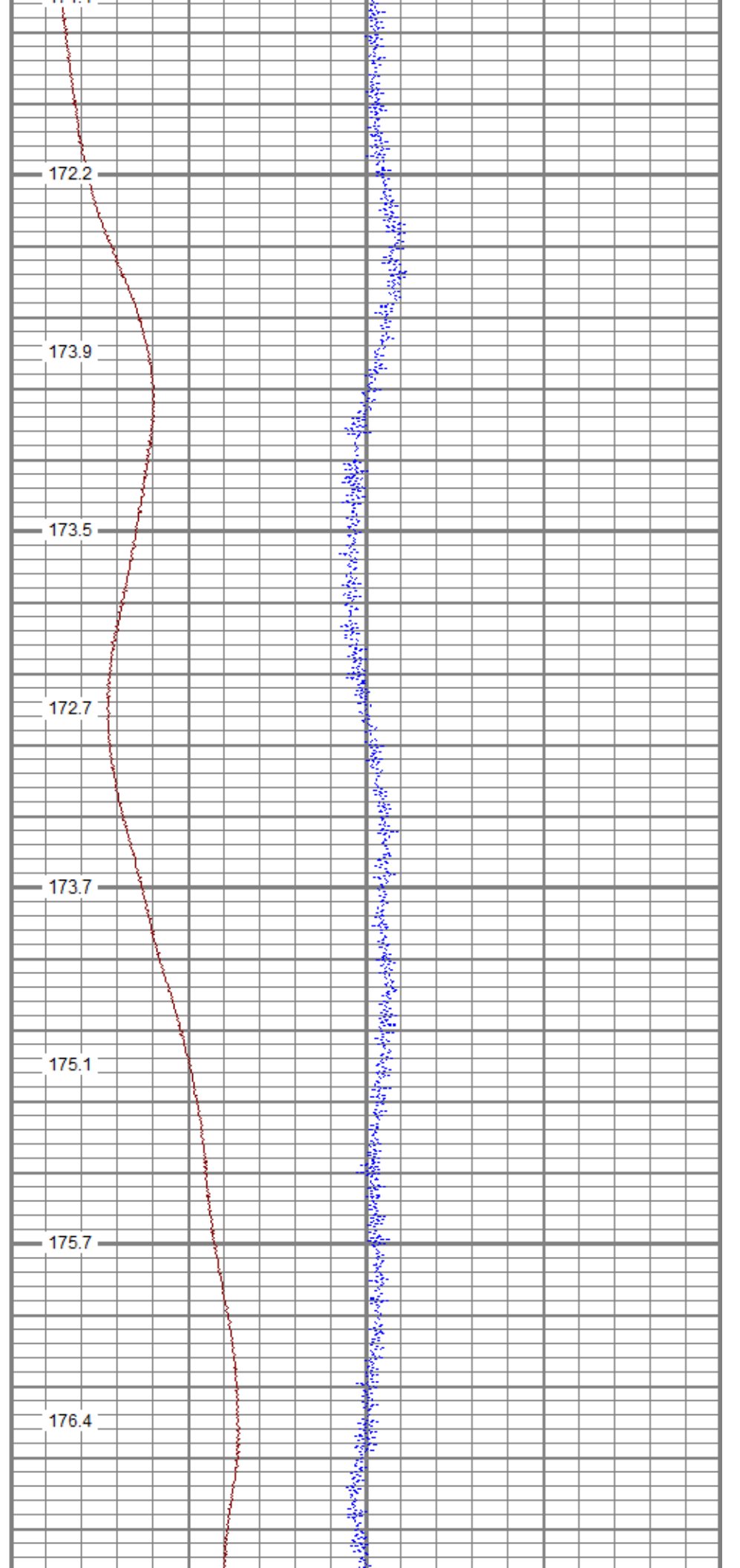
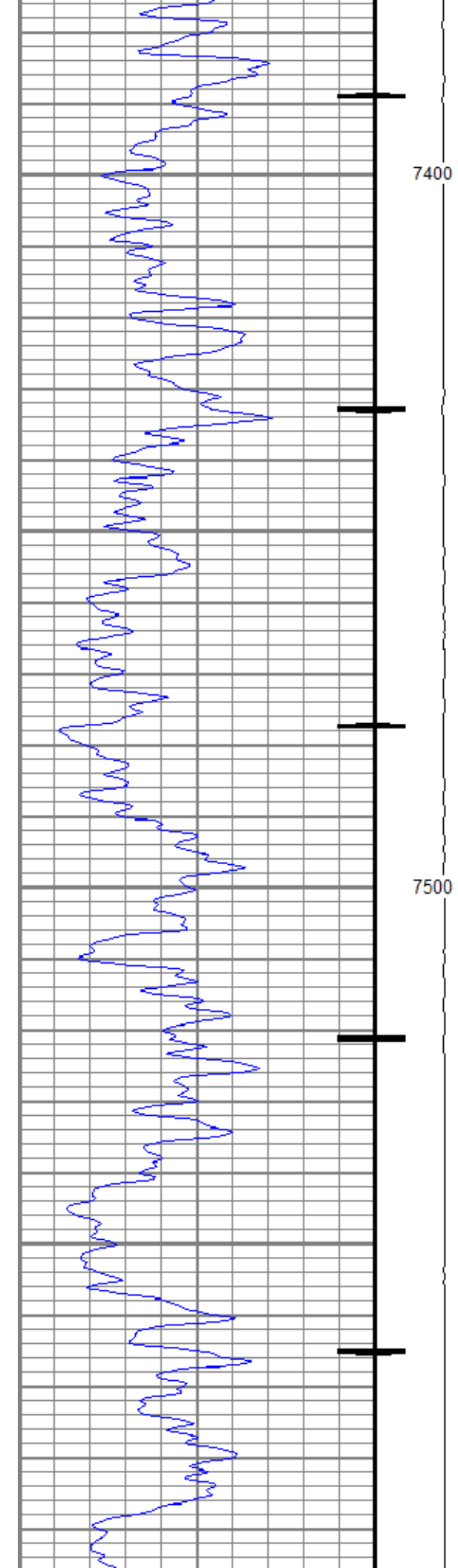


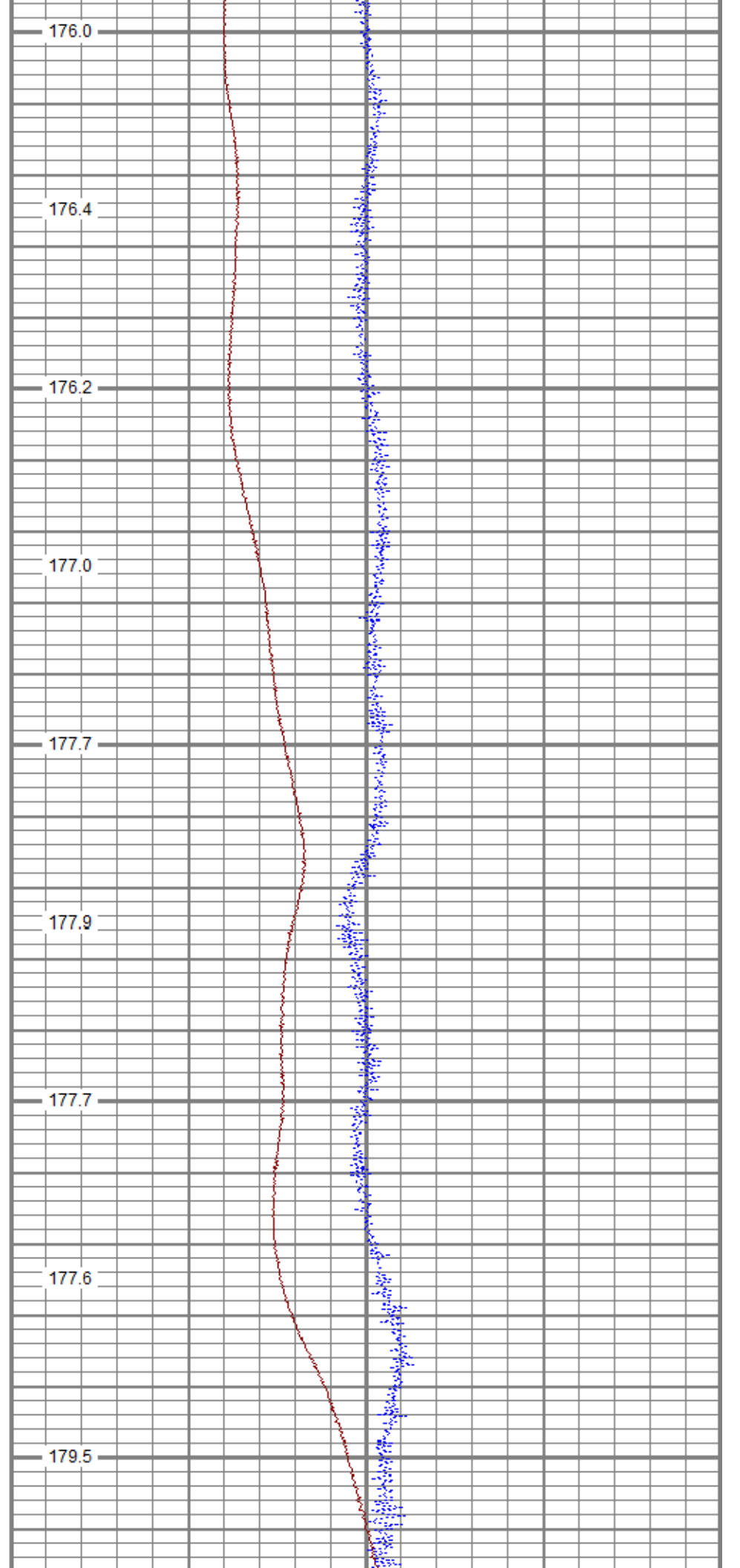
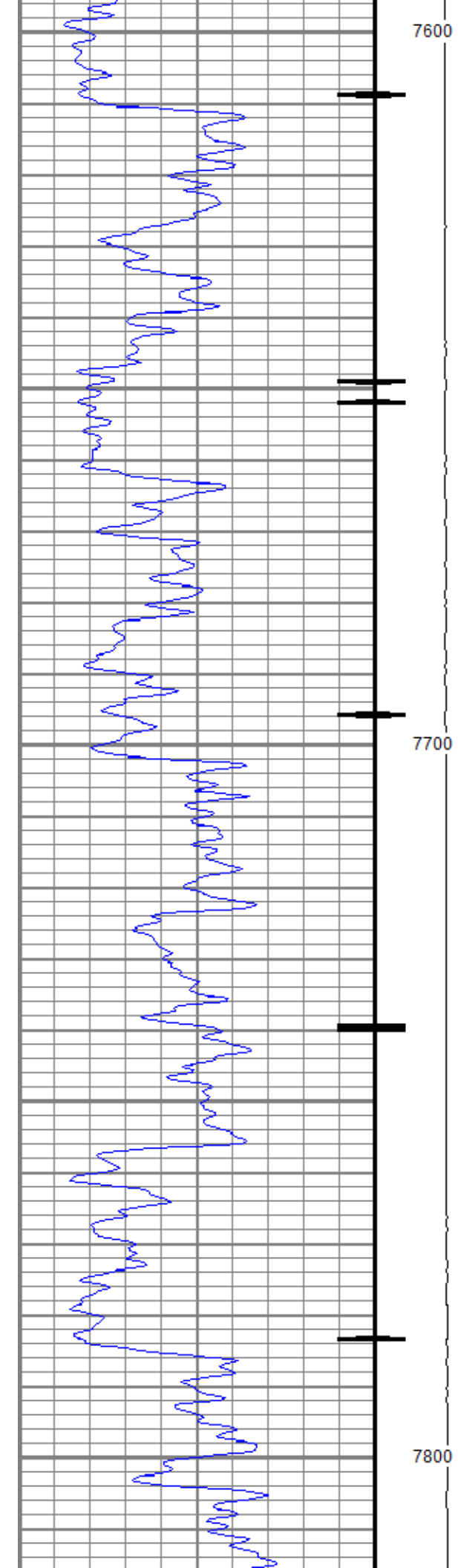


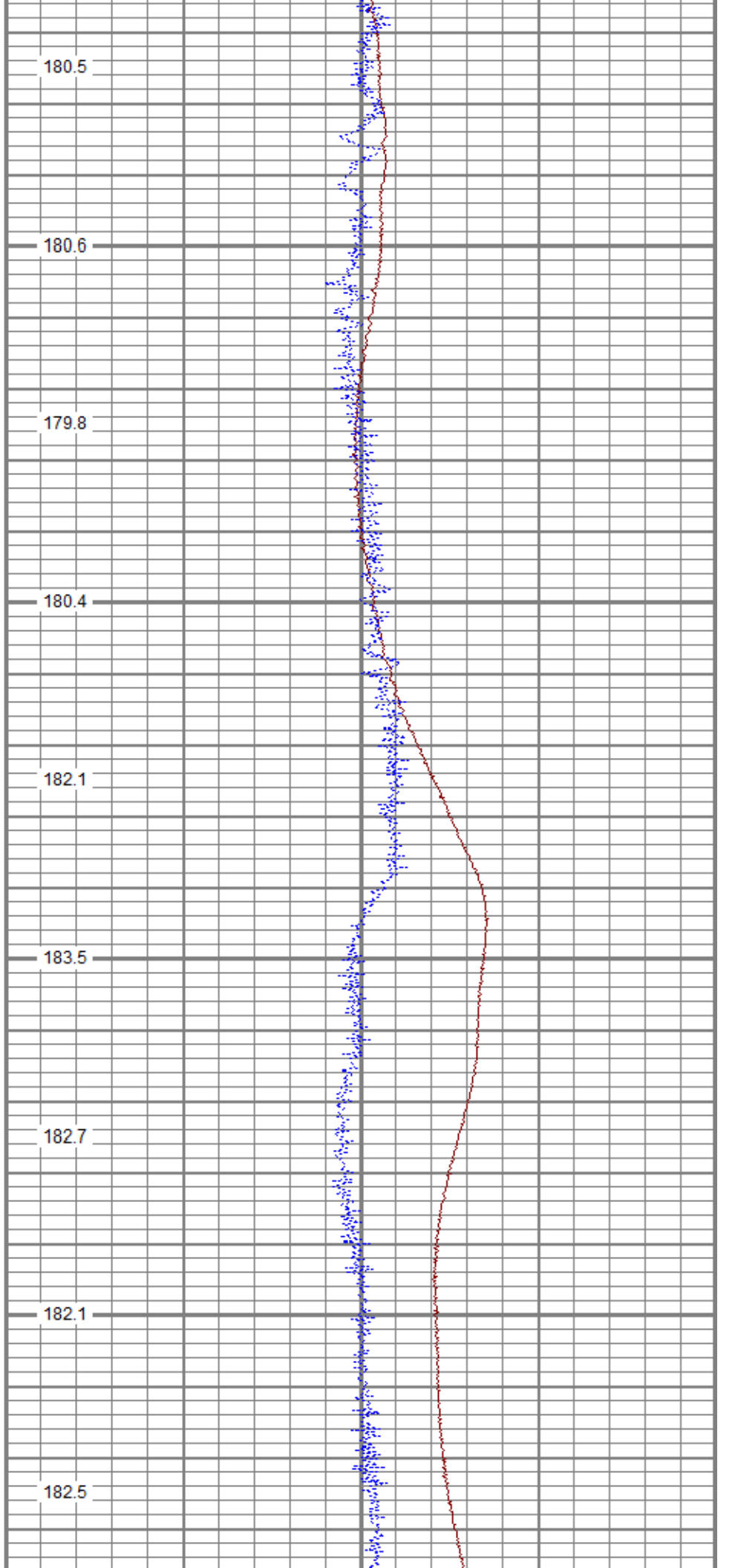
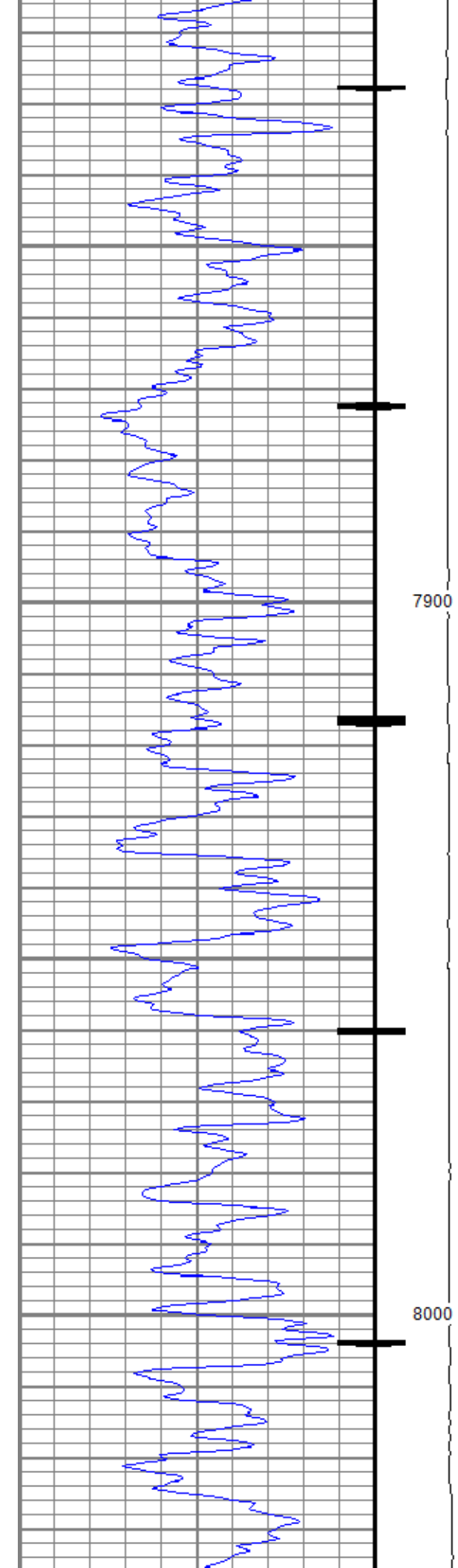


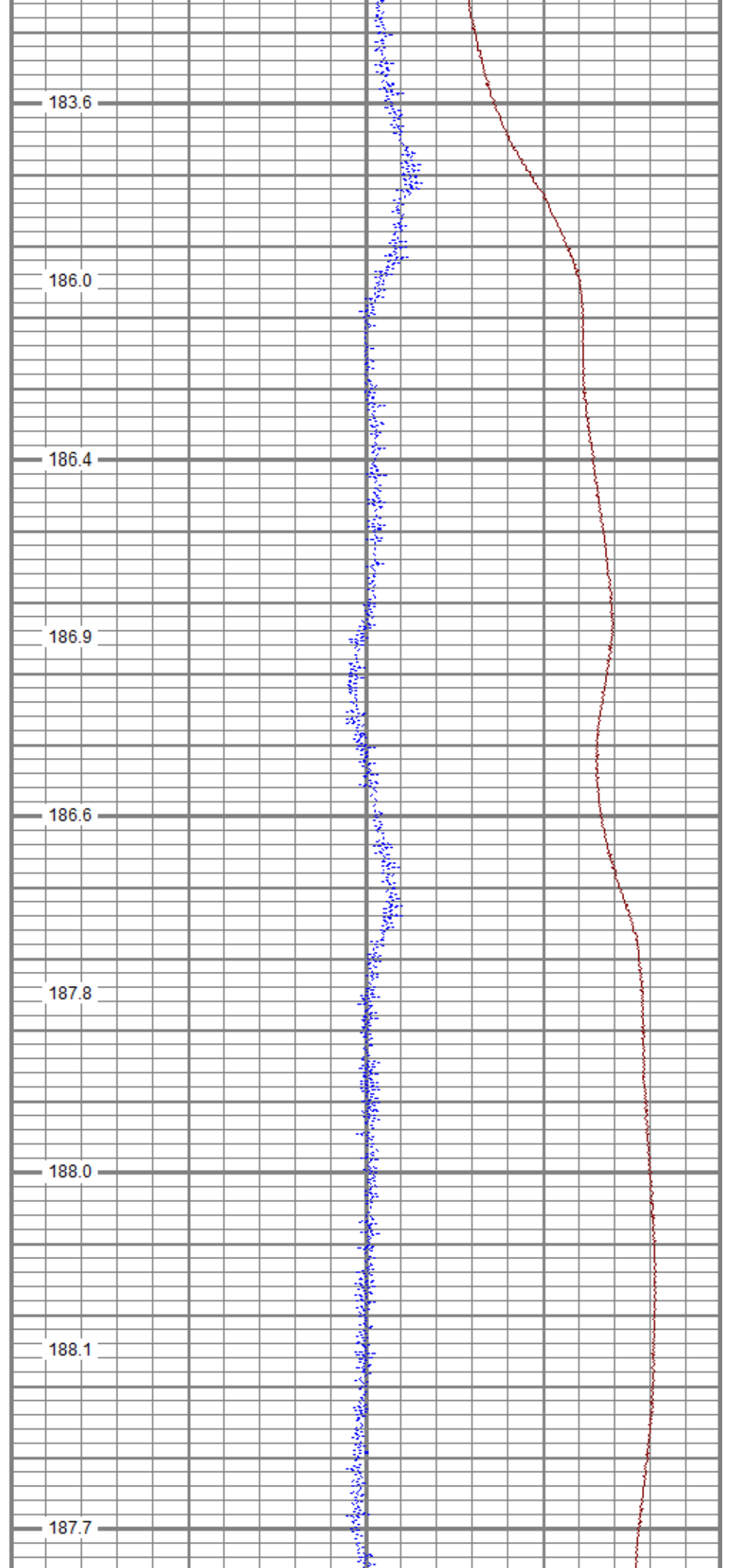
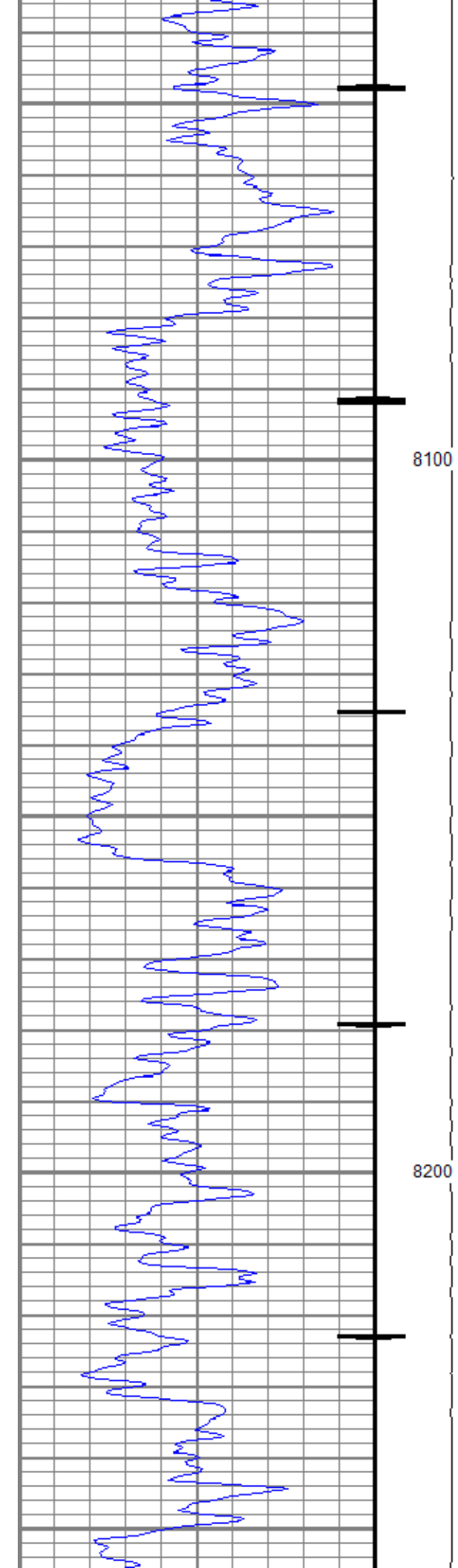




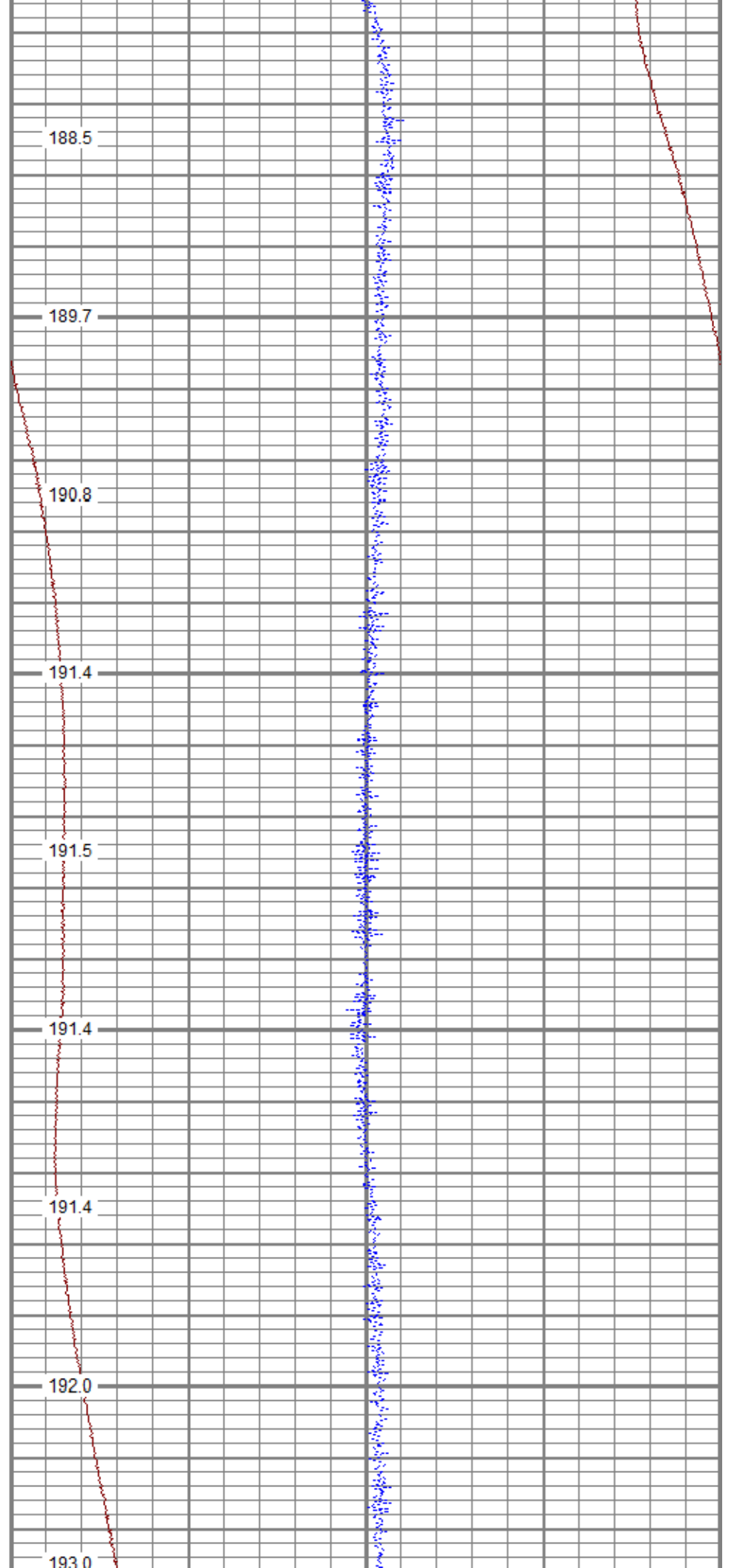
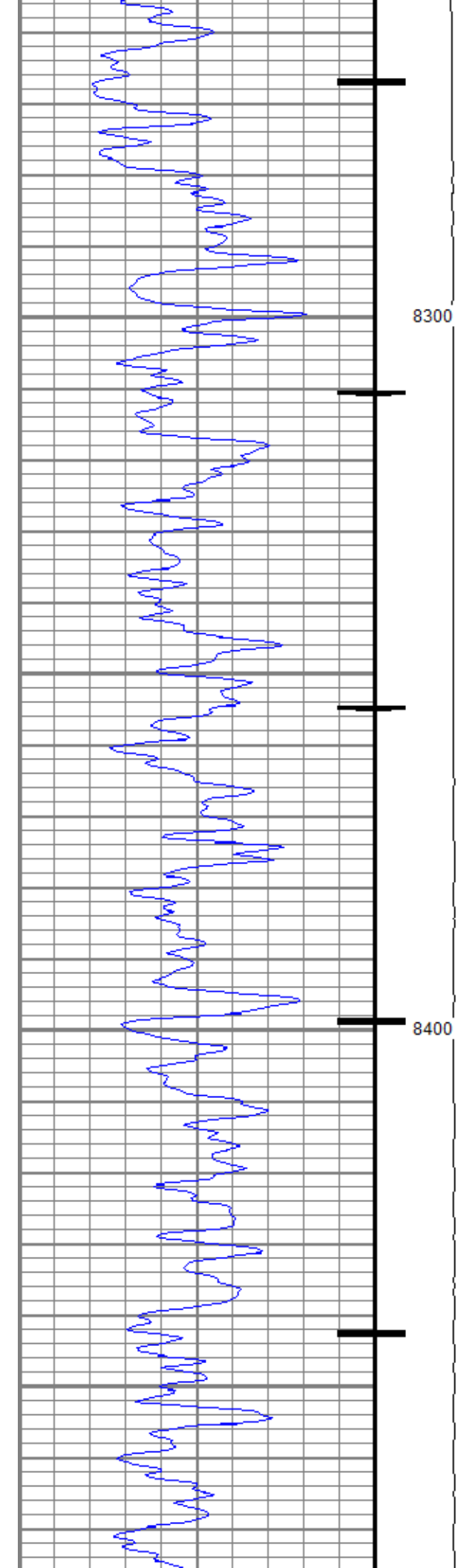


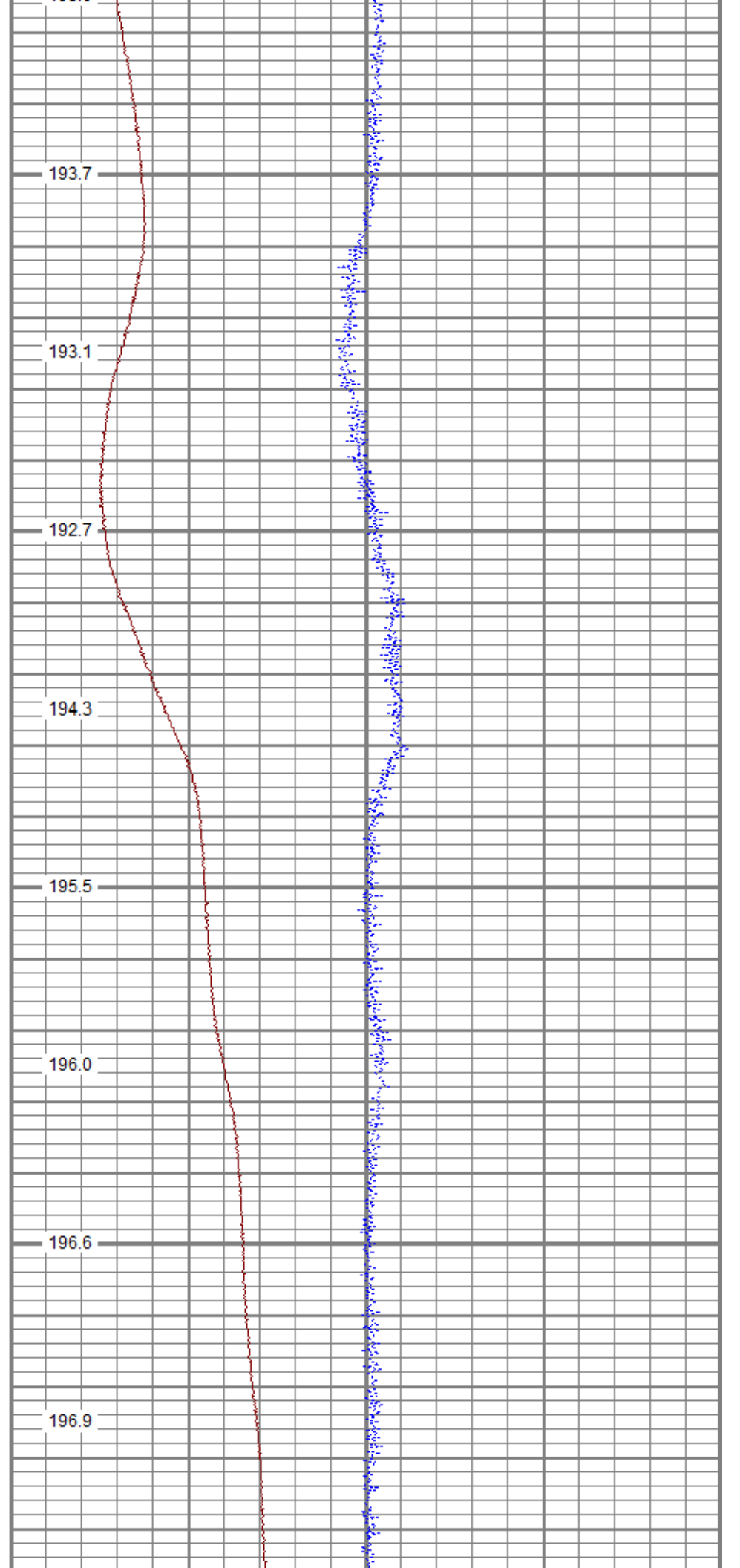
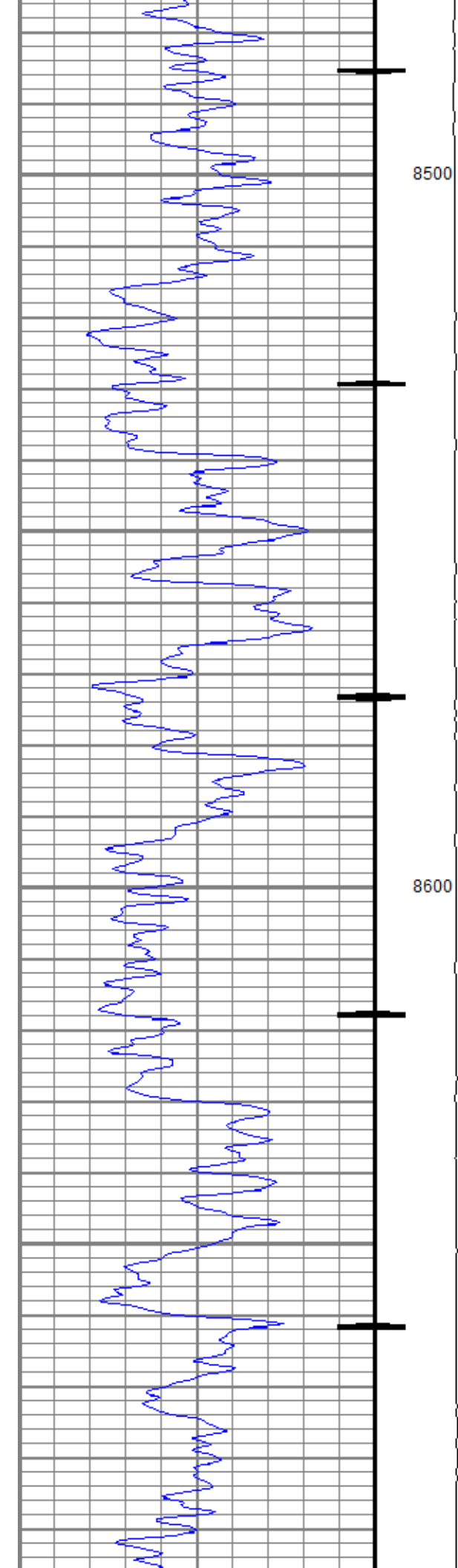


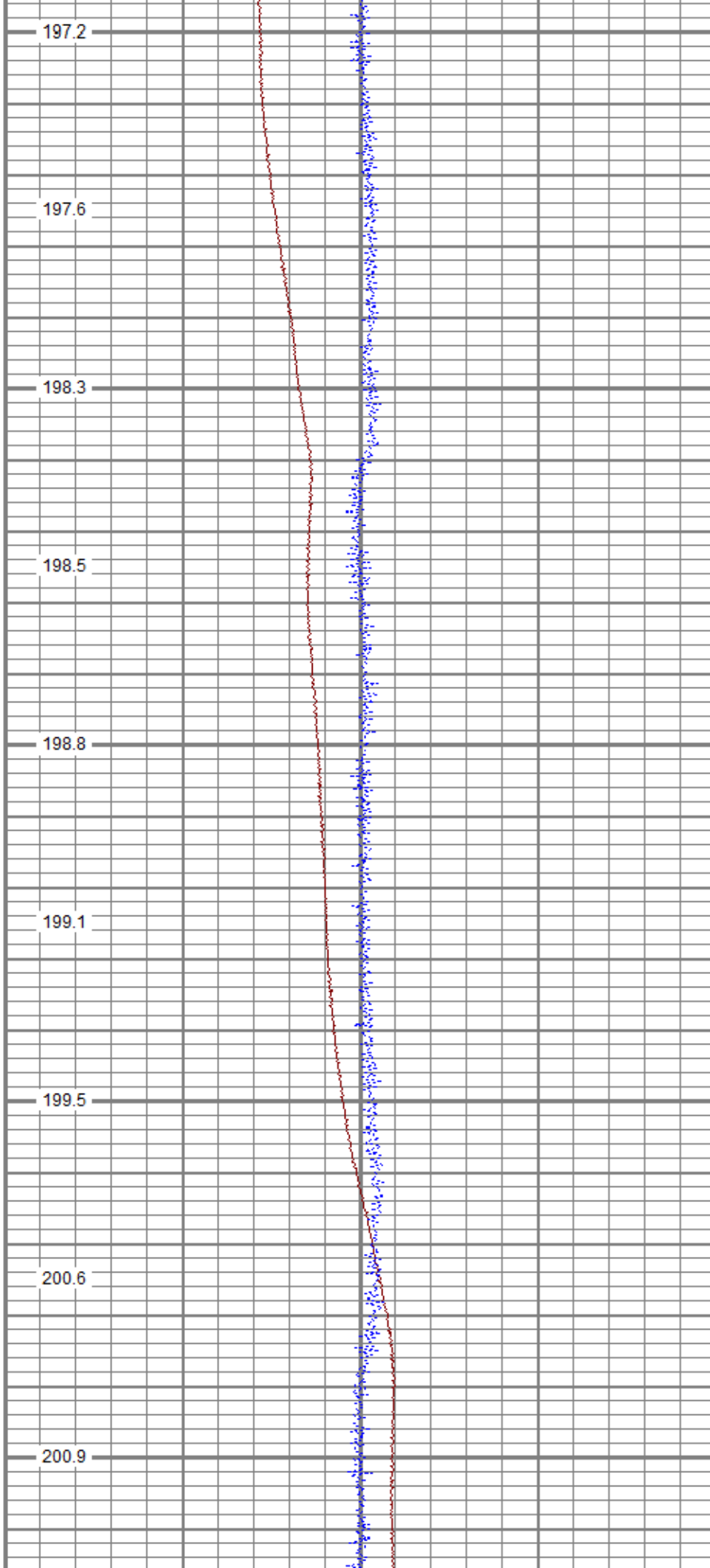
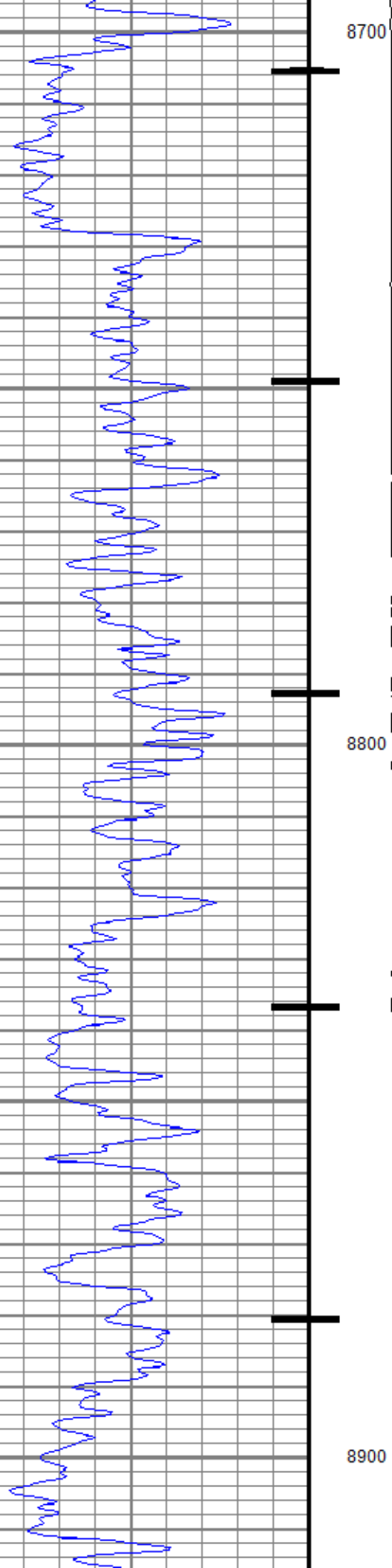


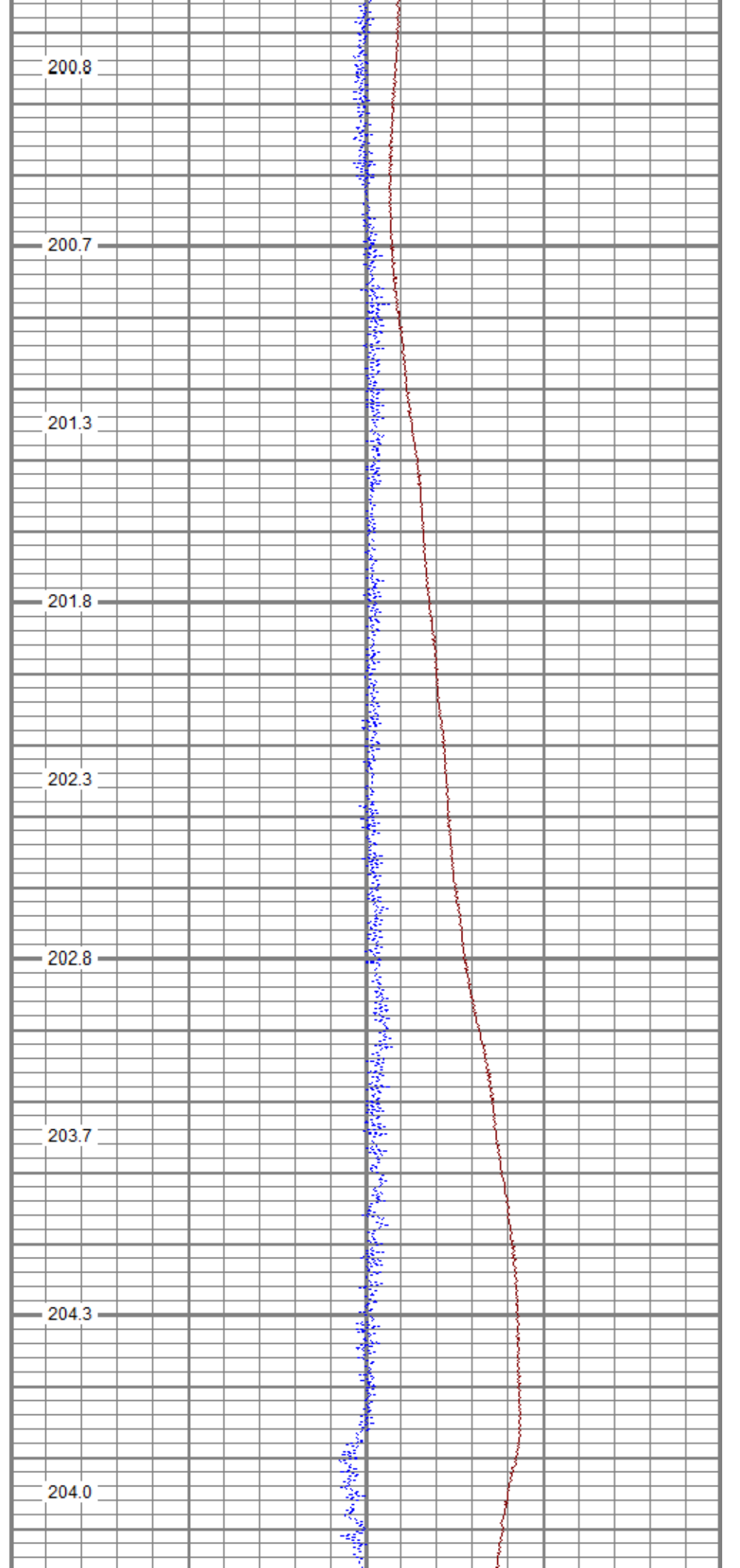
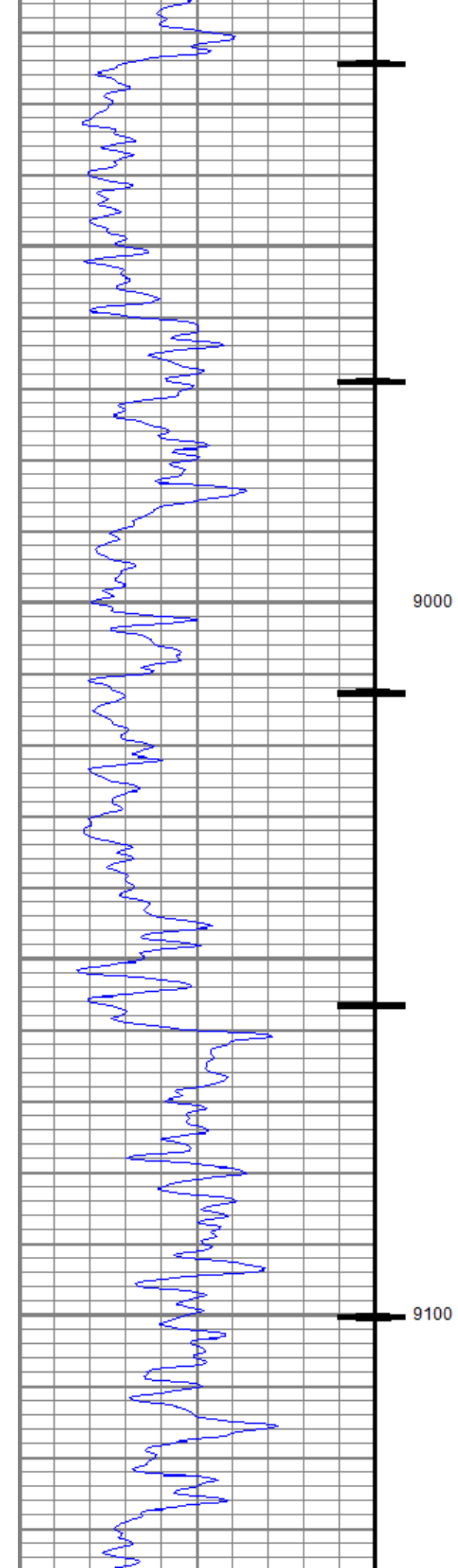


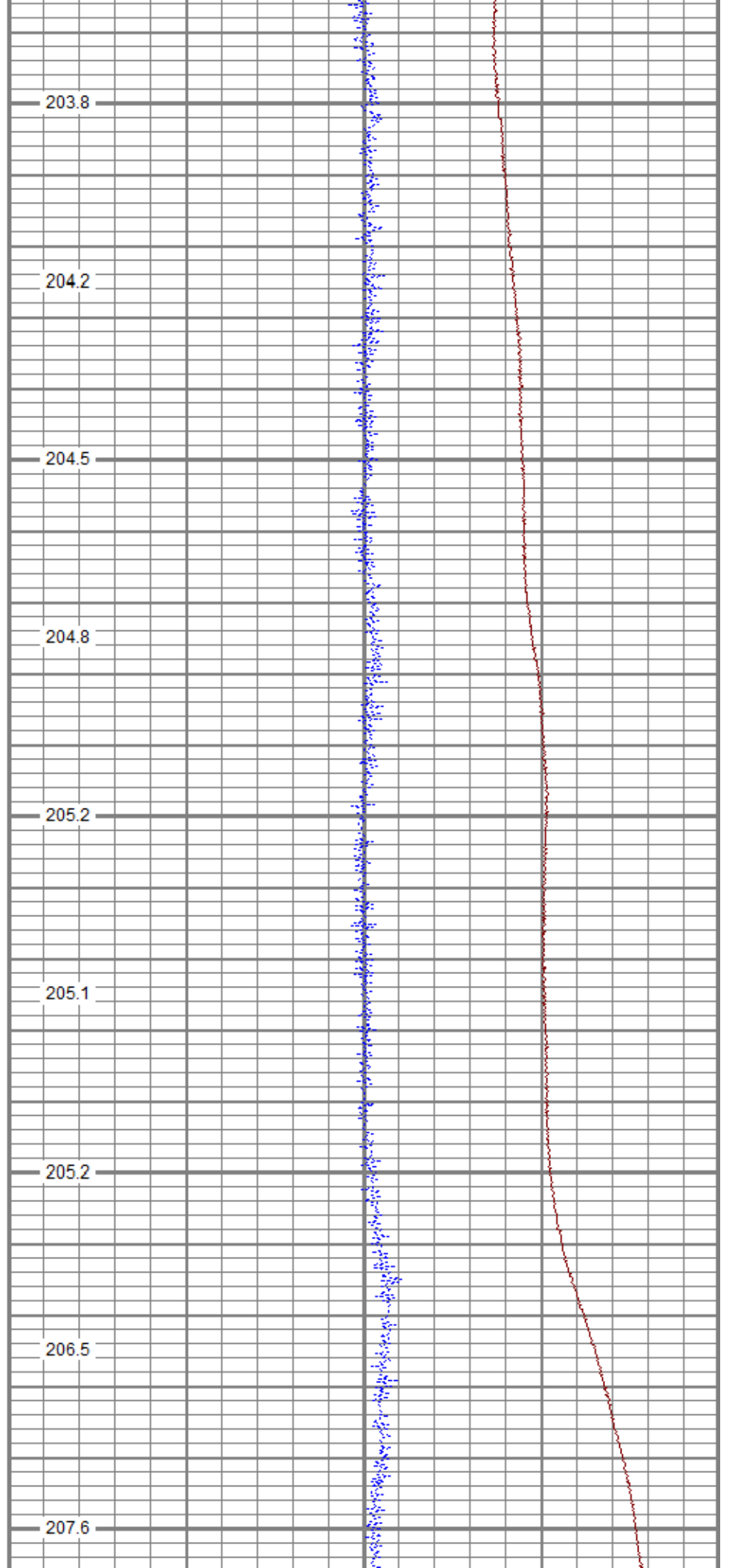
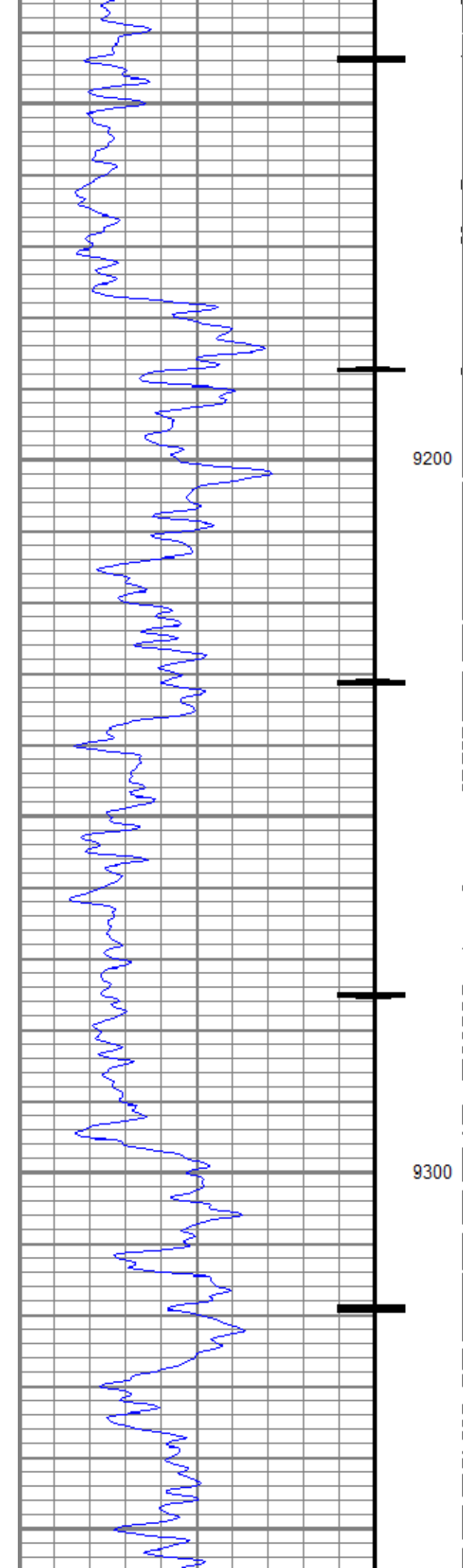


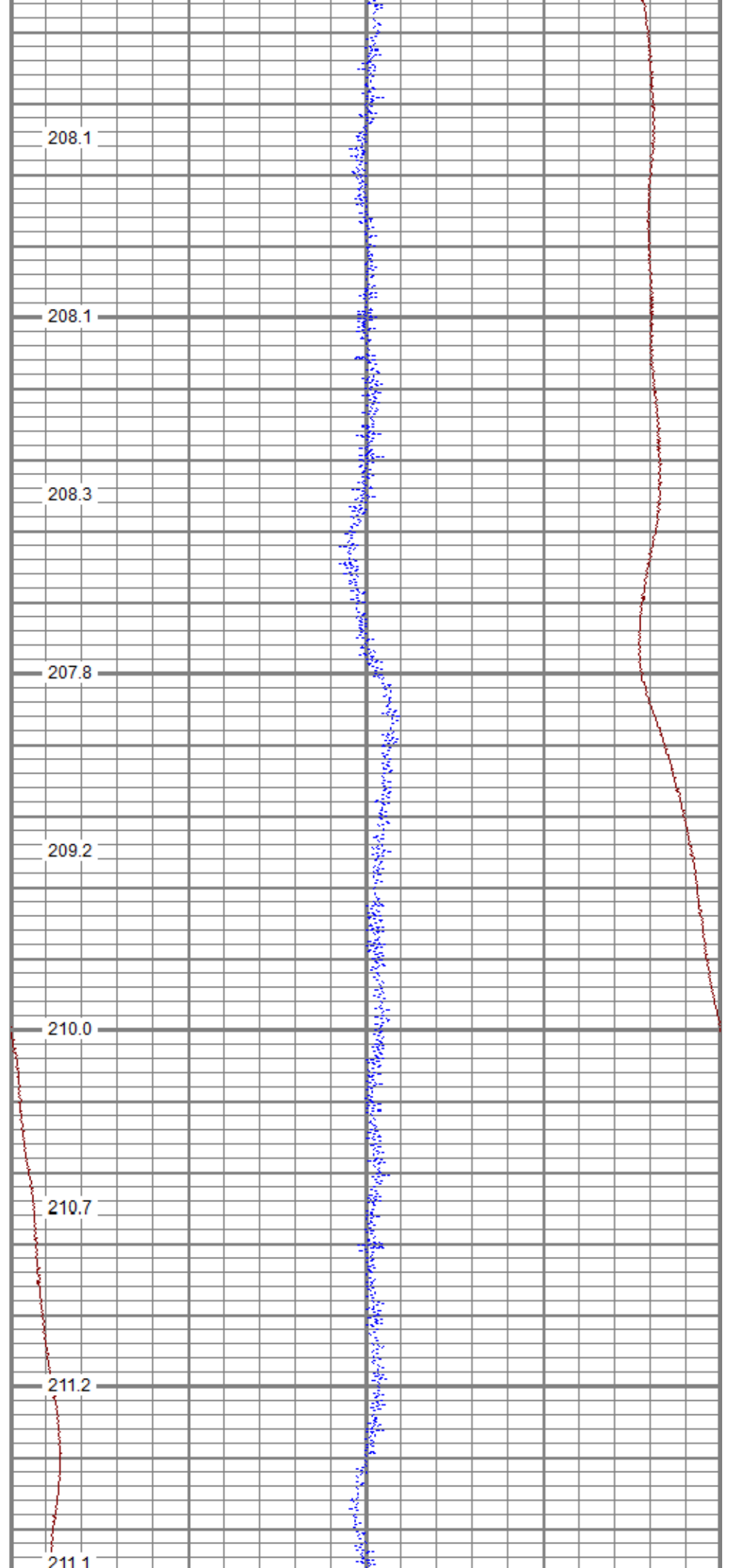
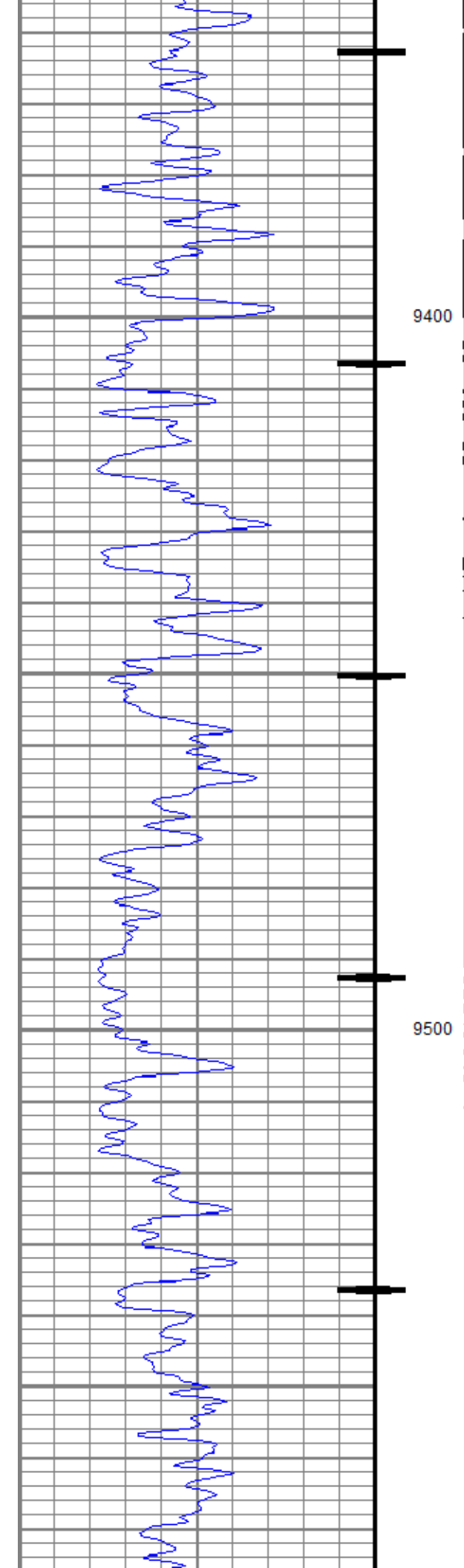


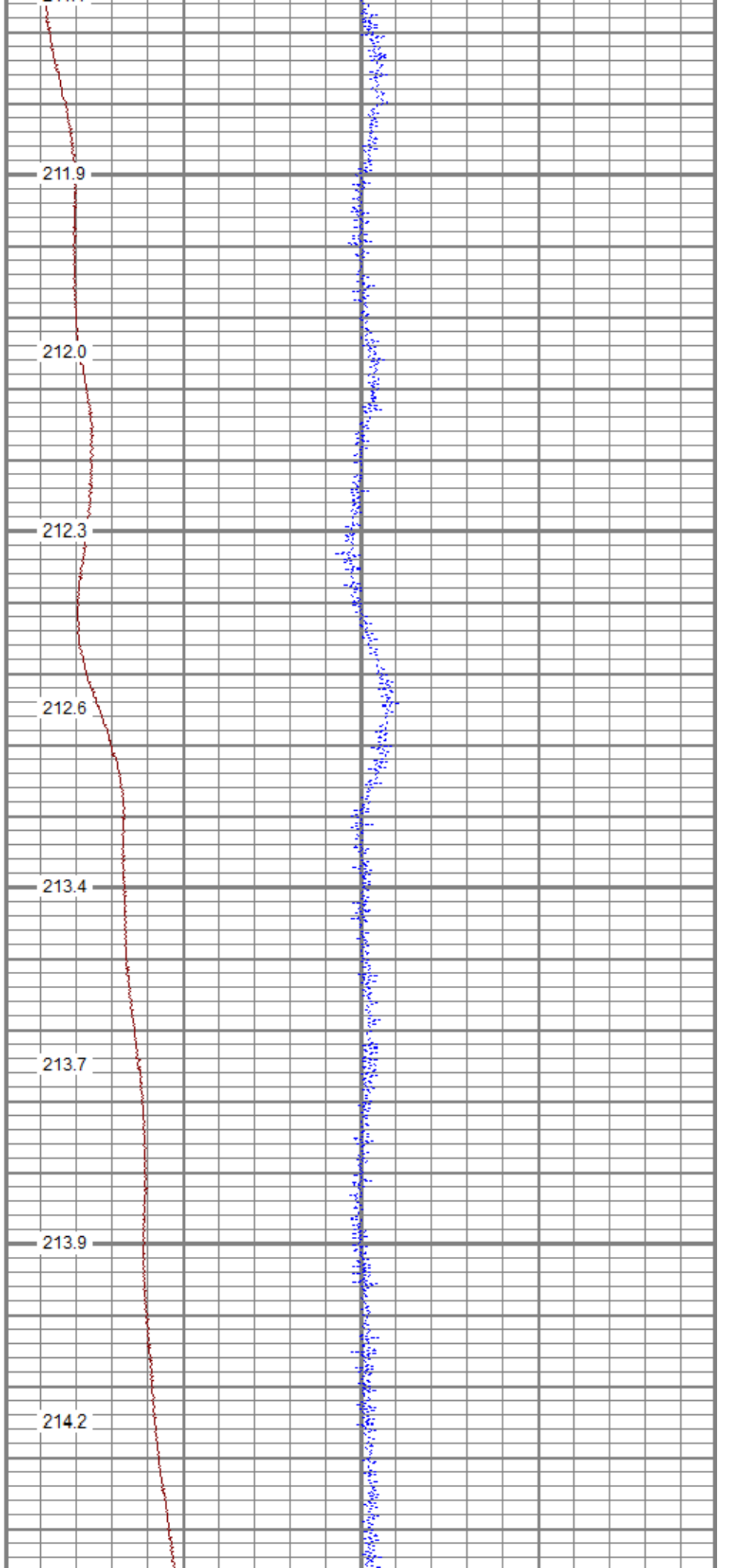
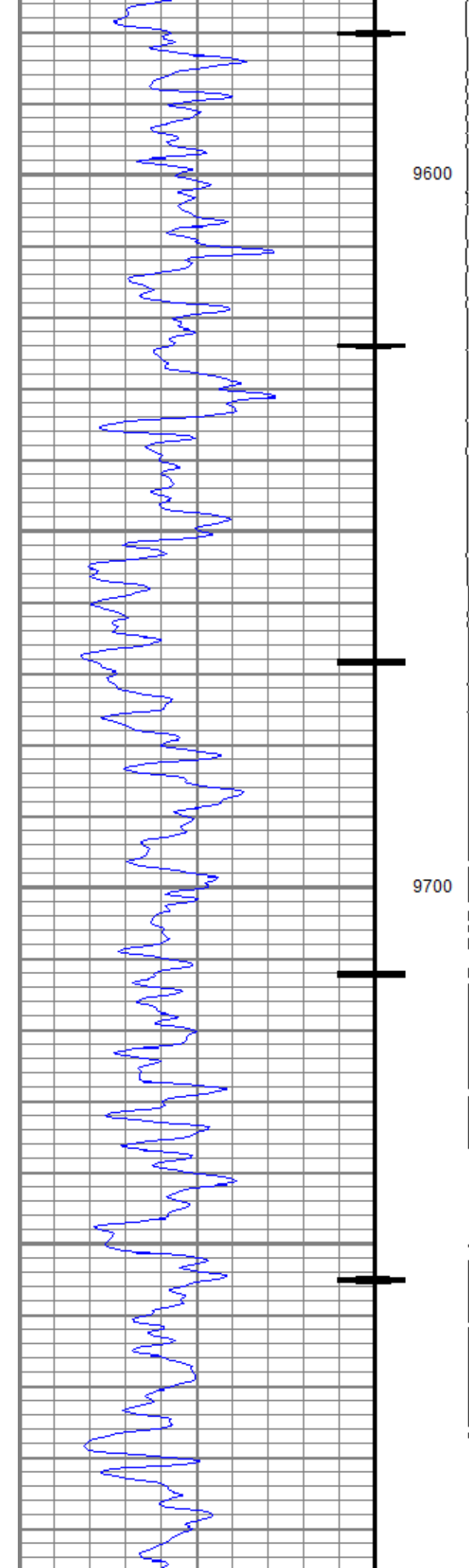


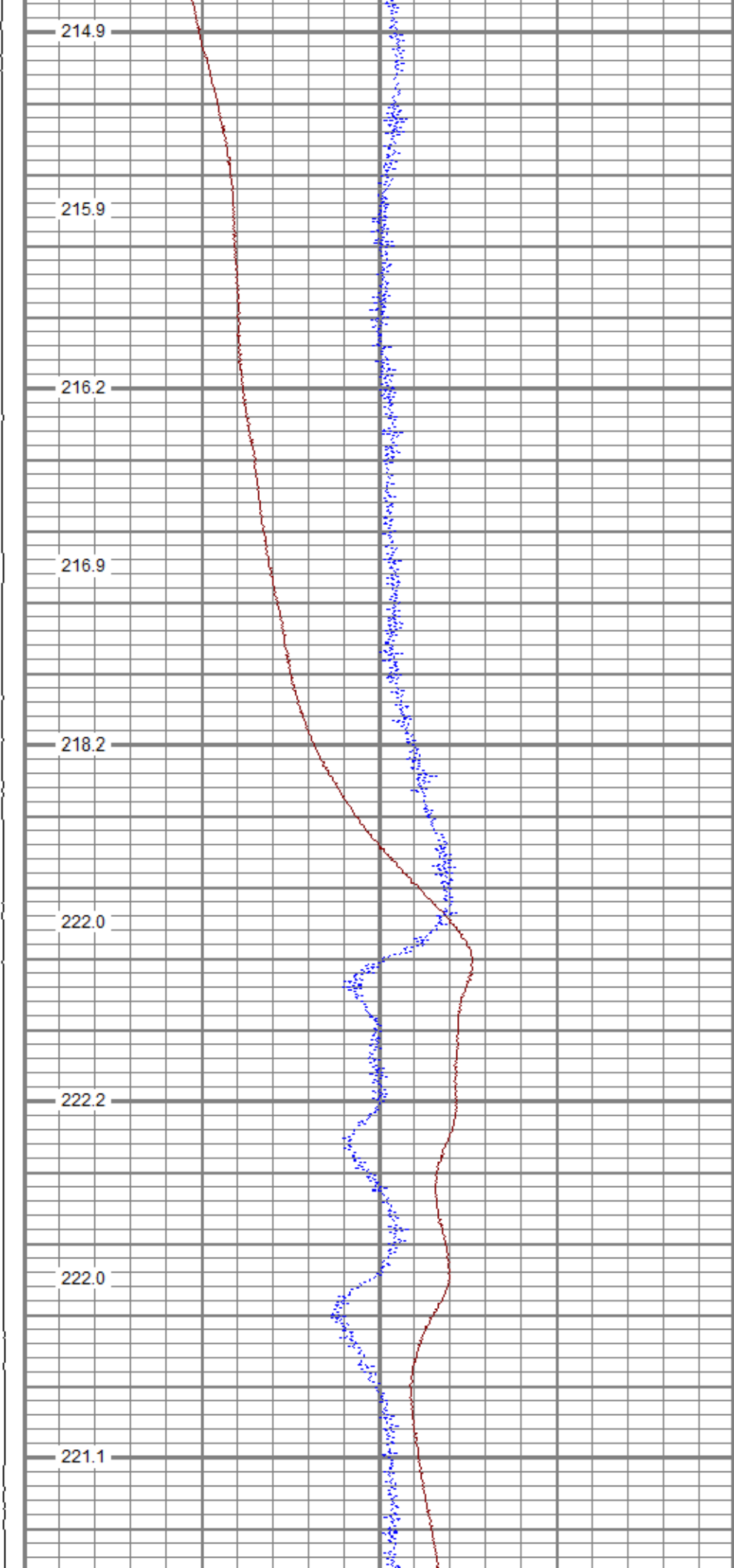
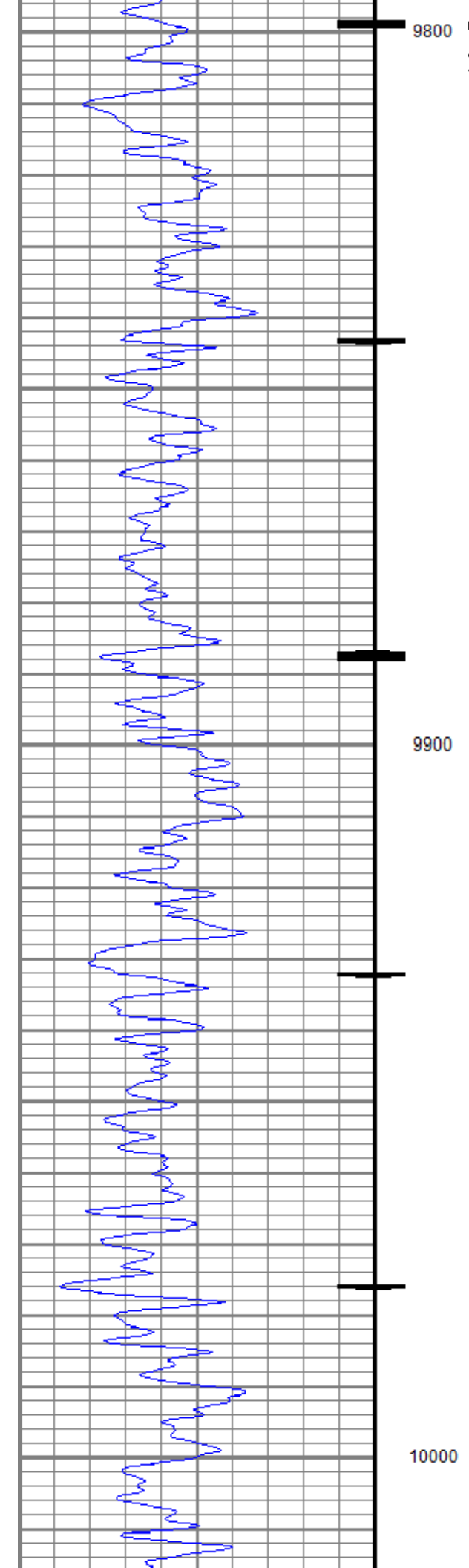




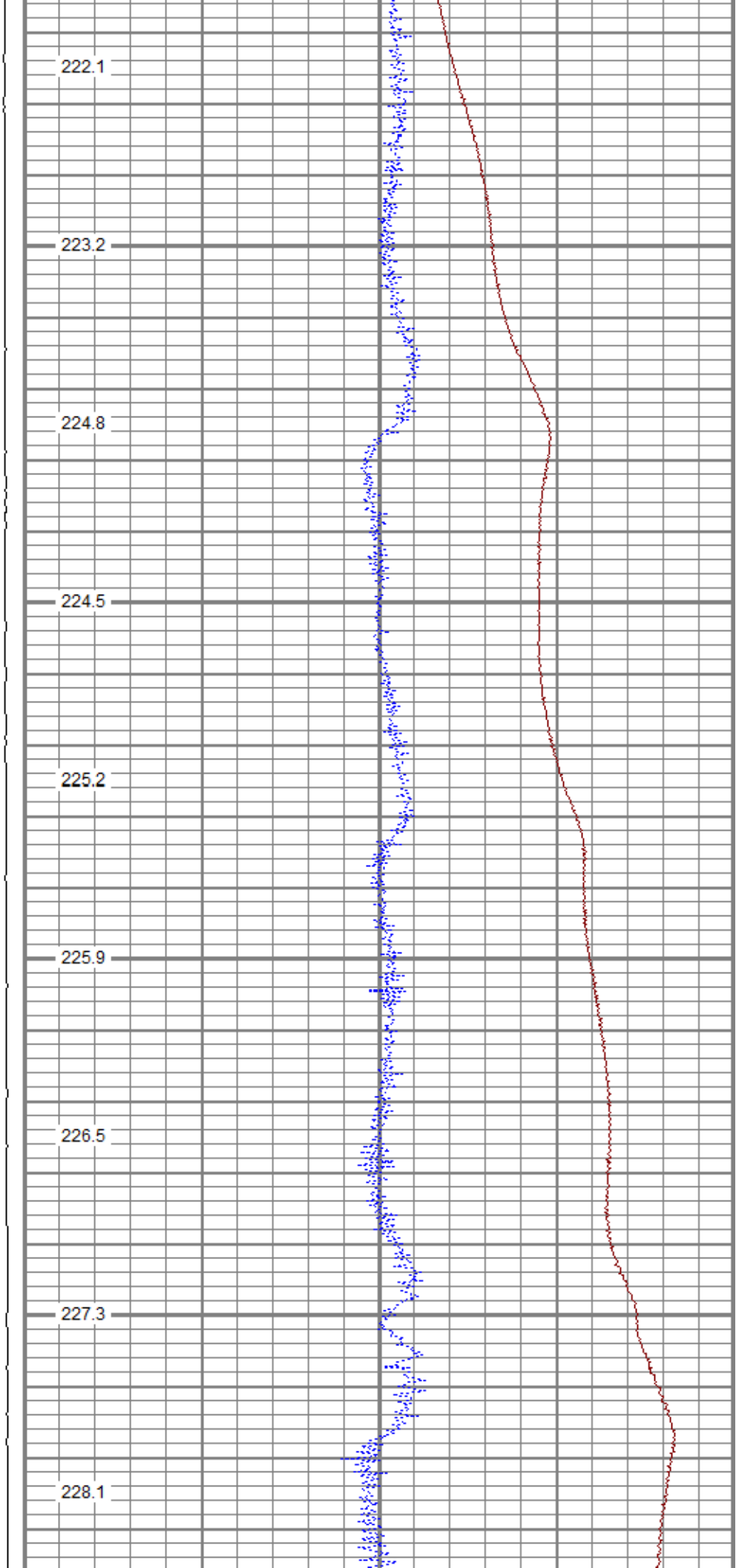
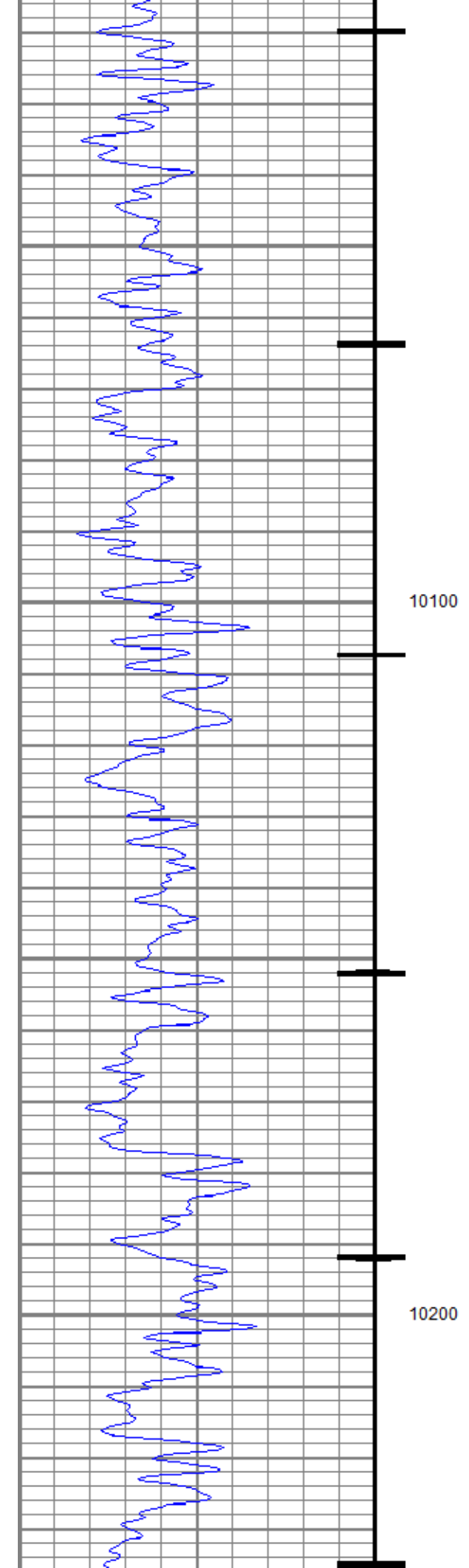


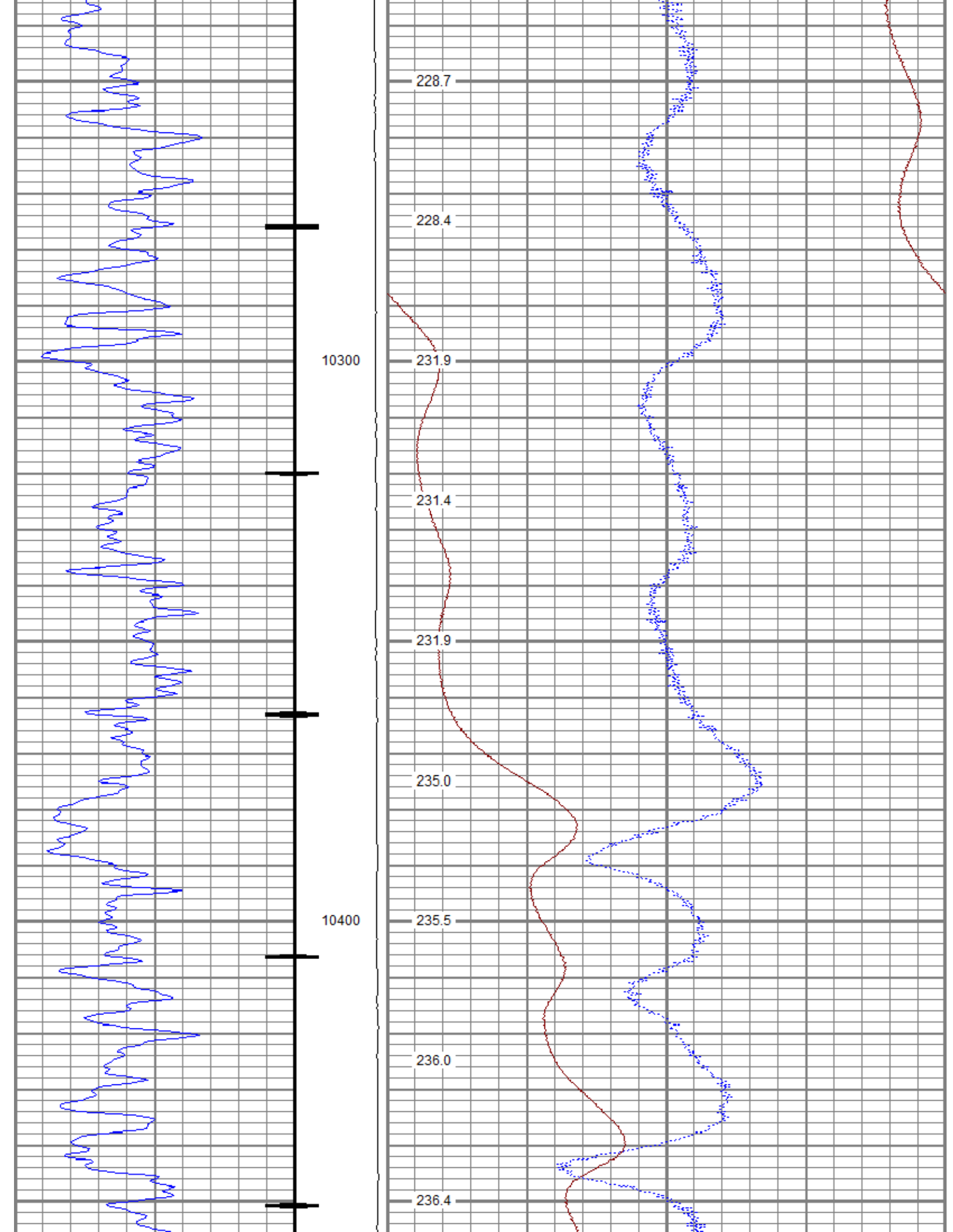


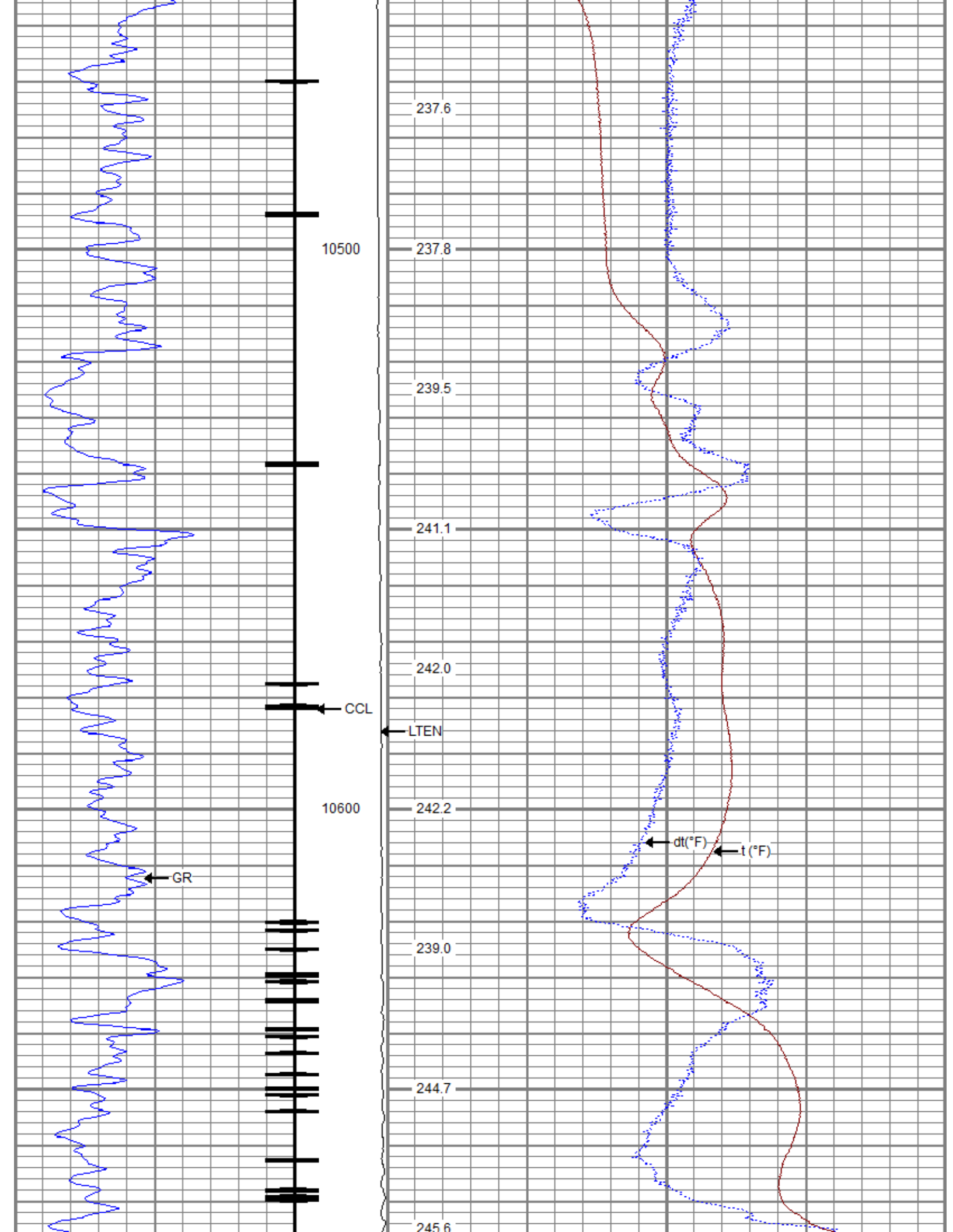


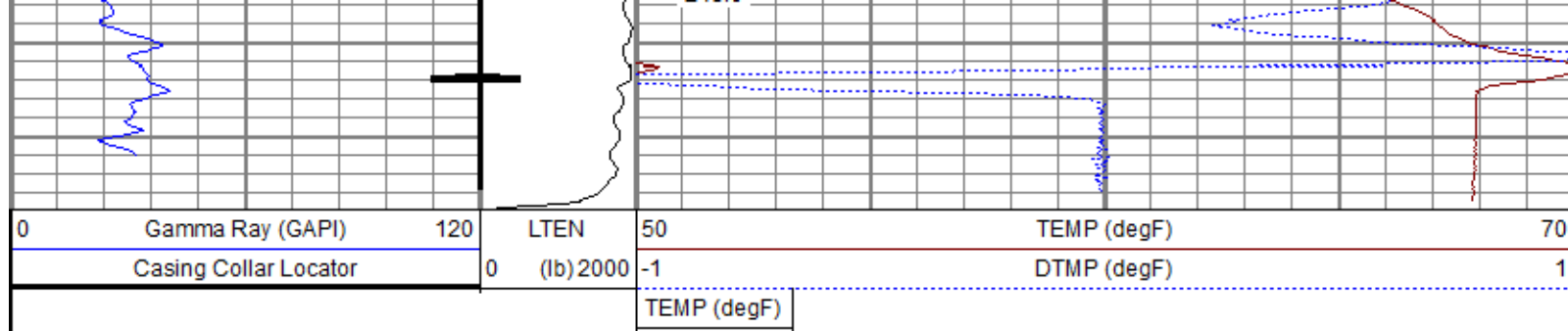













Database File		tep_federal ru 314-17_05-06-2018.db		Calibration Report	
Dataset Pathname		main.1			
Dataset Creation		Sun May 06 02:16:21 2018			

Temperature Calibration Report					
		Serial Number:		10025100	
		Tool Model:		016	
		Performed:		Sun Nov 12 13:30:03 2017	
Point #	Reading			Reference	
1	13249.00	cps		68.00	degF
2	18454.00	cps		104.00	degF
3	29735.00	cps		176.00	degF
4	41457.00	cps		248.00	degF
5	52851.00	cps		320.00	degF
6	59128.00	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

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			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

GR	3.37			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 (10025100) 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 314-17_05-06-2018.db: field/well/run1/main.1 Total length: 7.62 ft Total weight: 63.00 lb O.D.: 3.13 in							



**Company** TEP Rocky Mountain LLC  
**Well** Federal RU 314-17  
**Field** Rulison  
**County** Garfield  
**State** Colorado