Temperature
Gamma Ray
Casing Collar Log

Company TEP Rocky Mountain LLC
Well Youberg SR 341-12
Field Rulison
County Garfield State Colorado
Location: API # : 05-045-23299

SEC 12 TWP 7S RGE 94W

Other Services
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Permanent Datum	Ground Level	Elevation	7254'
Log Measured From	Kelly Bushing	24 FT	
Drilling Measured From	Kelly Bushing		

Elevation
K.B. 7278'
D.F. 7277'
G.L. 7254'

Company	TEP Rocky Mountain LLC
Well	Youberg SR 341-12
Field	Rulison
County	Garfield
State	Colorado

Date	29-JUL-2017		
Run Number	One		
Depth Driller	9679 FT		
Depth Logger	9620 FT		
Bottom Logged Interval	9620 FT		
Top Log Interval	Surface		
Open Hole Size	8.750"		
Type Fluid	Fresh Water		
Density / Viscosity	8.34 lb/gal		
Max. Recorded Temp.	232°F		
Estimated Cement Top	4450 FT		
Time Well Ready	ROA		
Time Logger on Bottom	13:00		
Equipment Number	HD-0359		
Location	Grand Junction		
Recorded By	A. Rivera		
Witnessed By	Danny Bonnette		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size (in)	Wgt (lbs/Ft)	Grade	Top	Bottom
Surface Casing	9 5/8	32.3	H-40	Surface	1100 FT
Intermediate #1	4 1/2	11.6	P-110	Surface	9679 FT
Intermediate #2					
Liner					

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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.

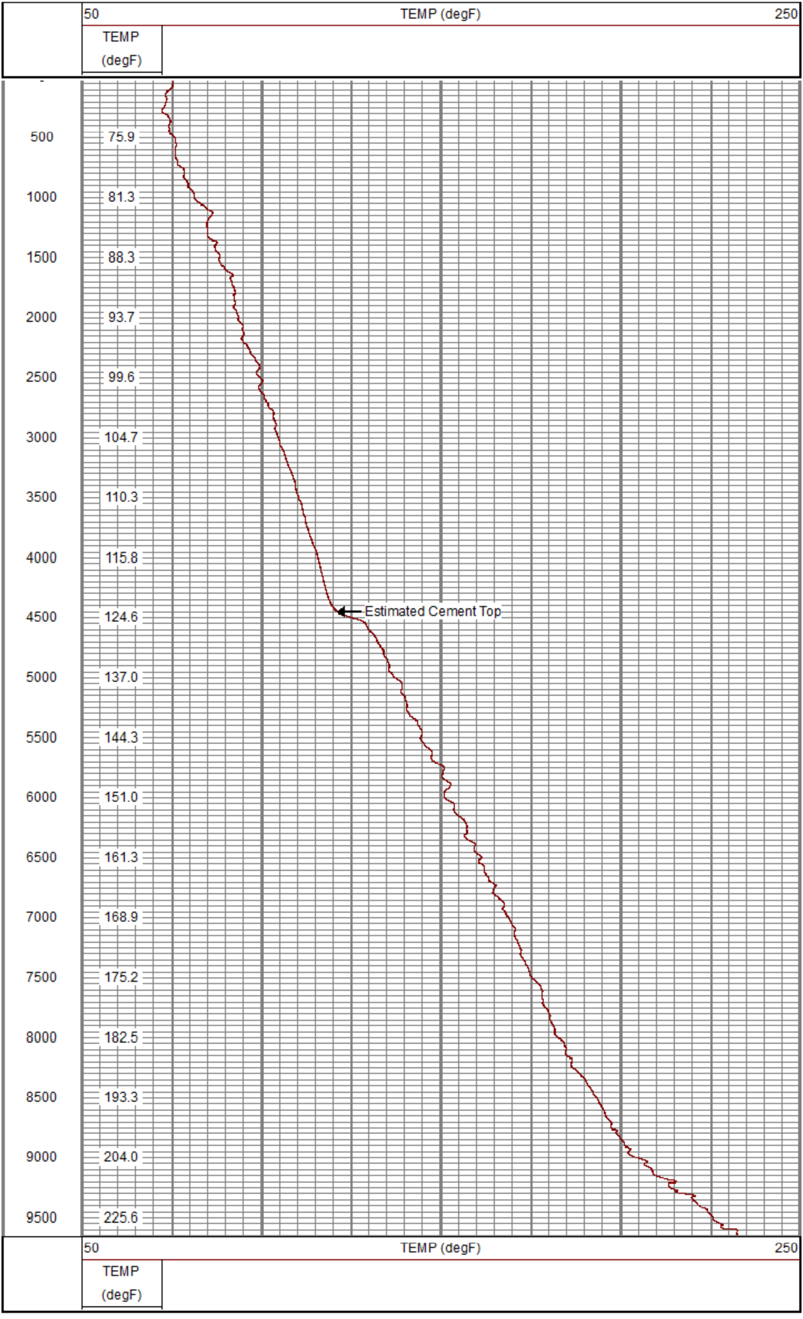
Comments

Log ran per customer request
Depth referenced to Kelly Bushing at 24 FT
Marker Joint logged from 5516 FT to 5538 FT
Estimated Cement Top at 4450 FT

Thank you for choosing Reliance Oilfield Services, LLC!!

Main Pass (Quick Look)

Database File	tep_youberg sr 341-12_temp_07-27-2017\processed_tep_youberg sr 341-12_temp_07-29-17.db
Dataset Pathname	pass1.1
Presentation Format	ros_temp_ql_tep
Dataset Creation	Sat Jul 29 14:44:27 2017
Charted by	Depth in Feet scaled 1:10000



Main Pass

Database File	tep_youberg sr 341-12_temp_07-27-2017\processed_tep_youberg sr 341-12_temp_07-29-17.db
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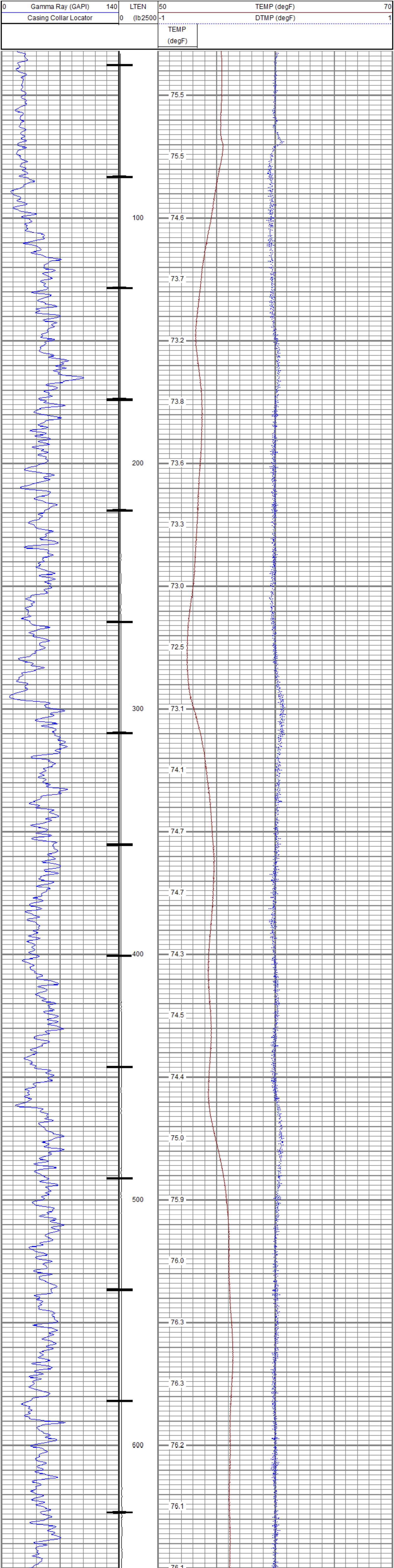

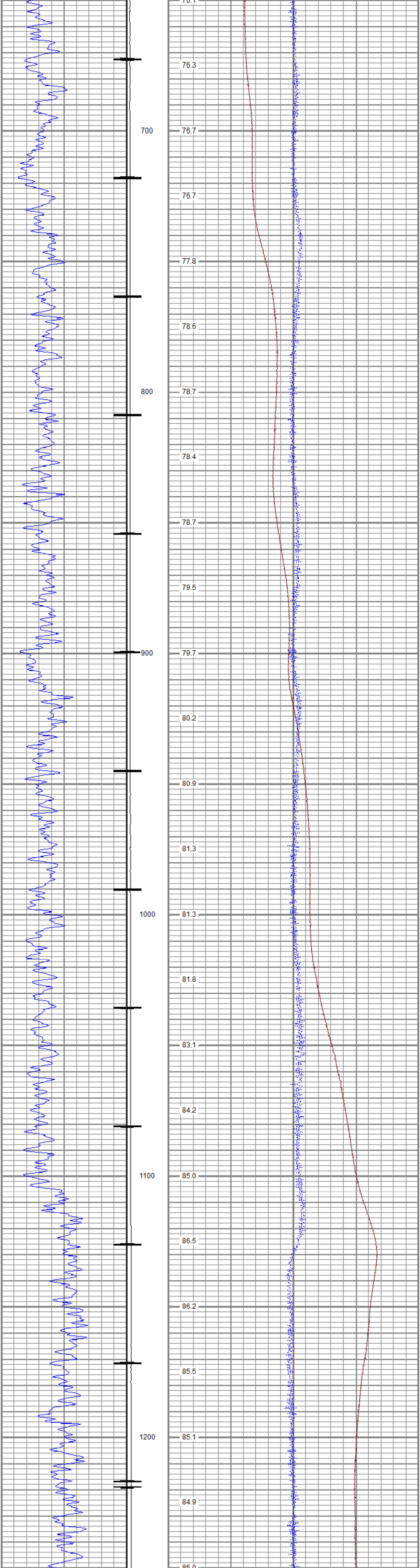

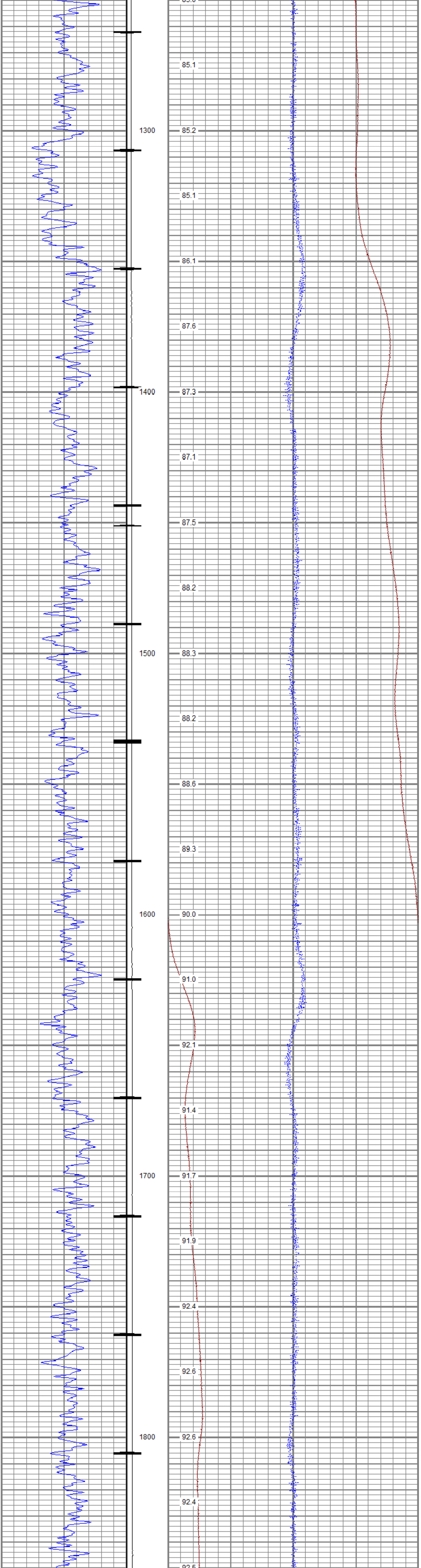

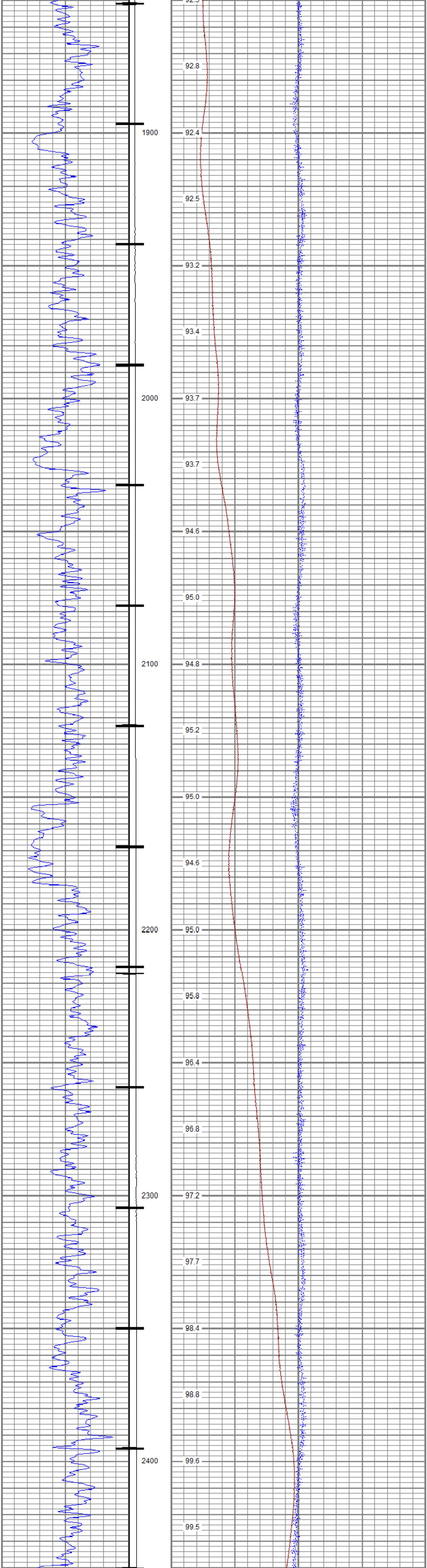

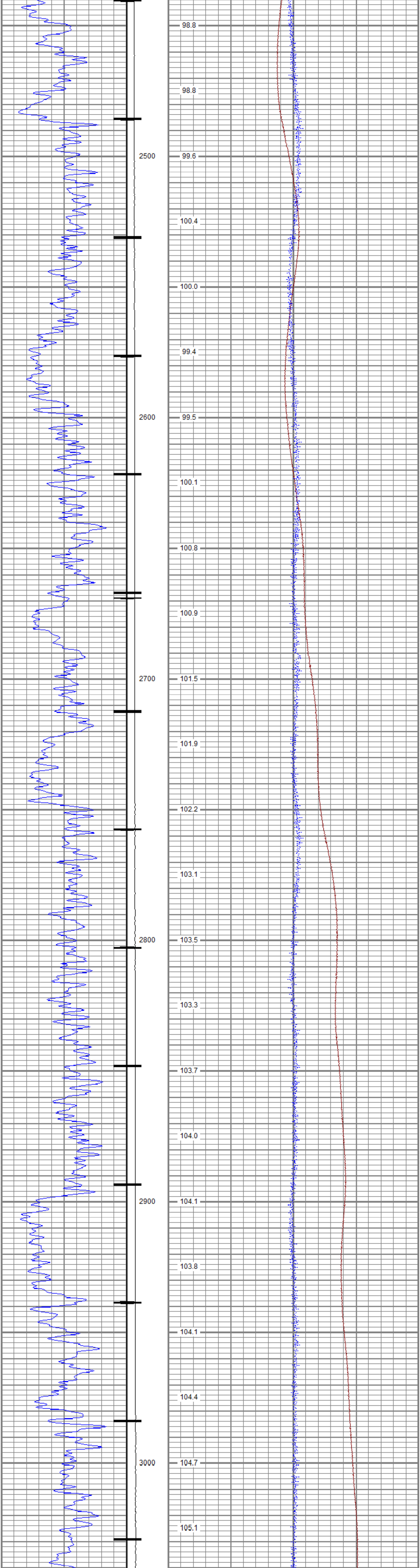

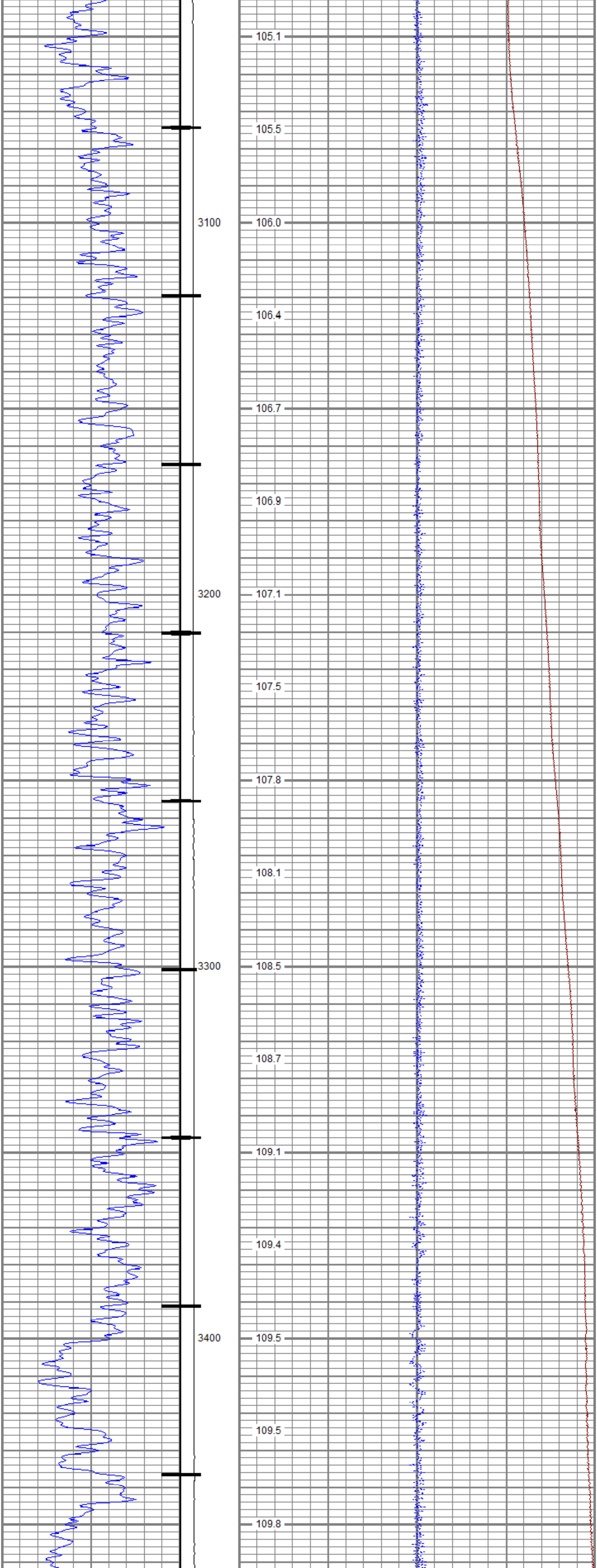

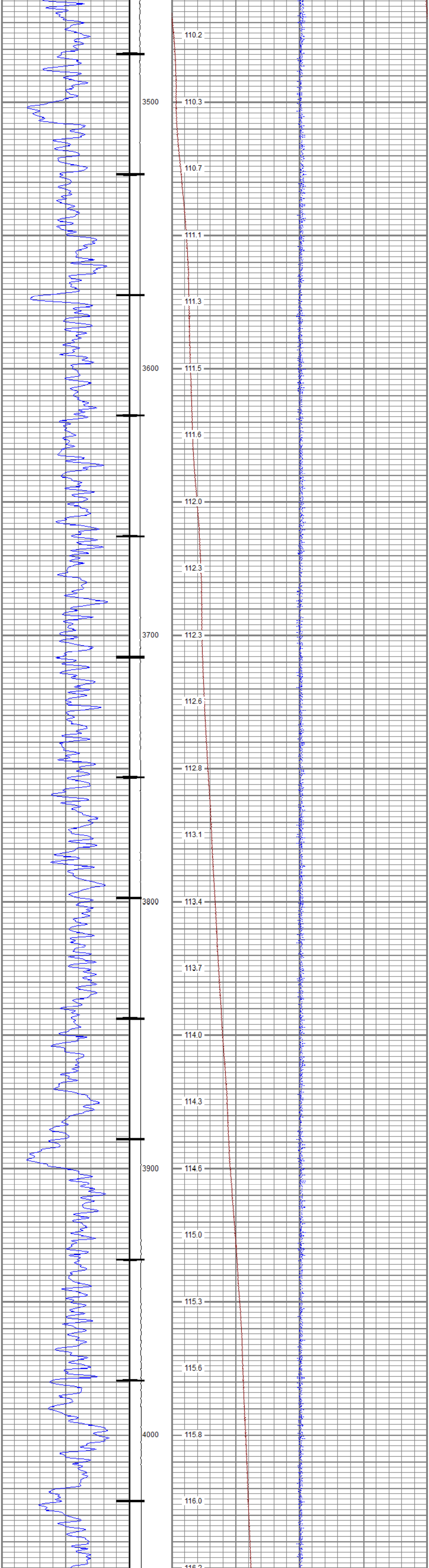
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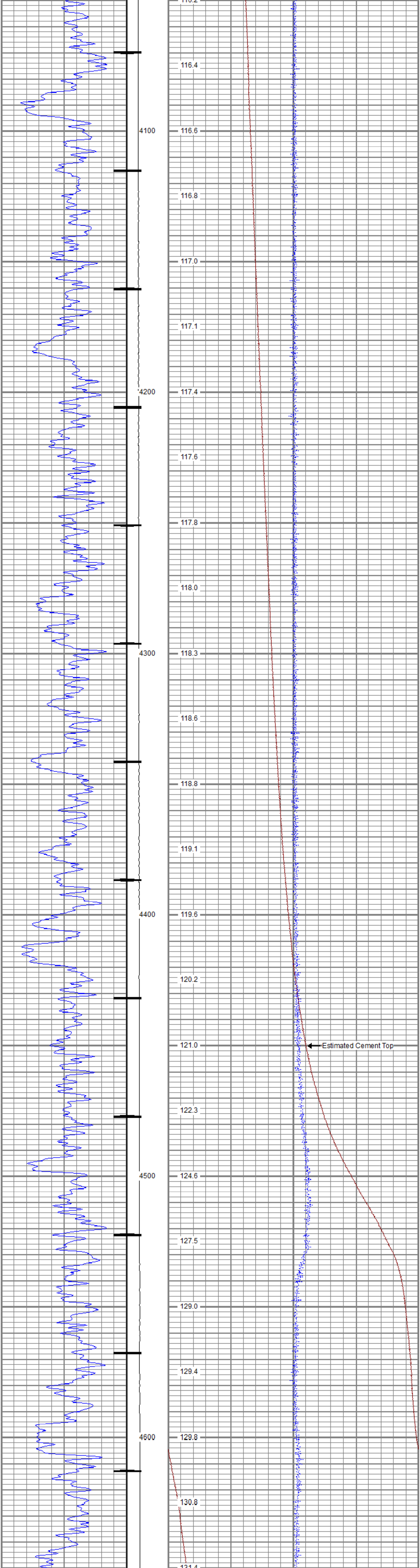
116.0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118.3
118.6
118.8
119.1
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121.0
Estimated Cement Top
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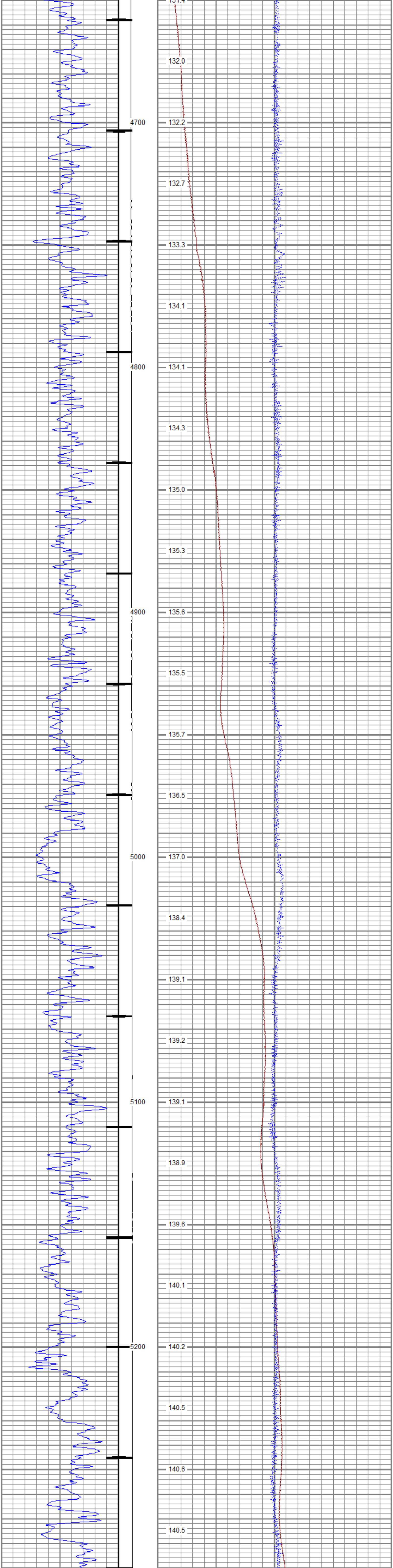
124.6
127.5
129.0
129.4
129.8
130.8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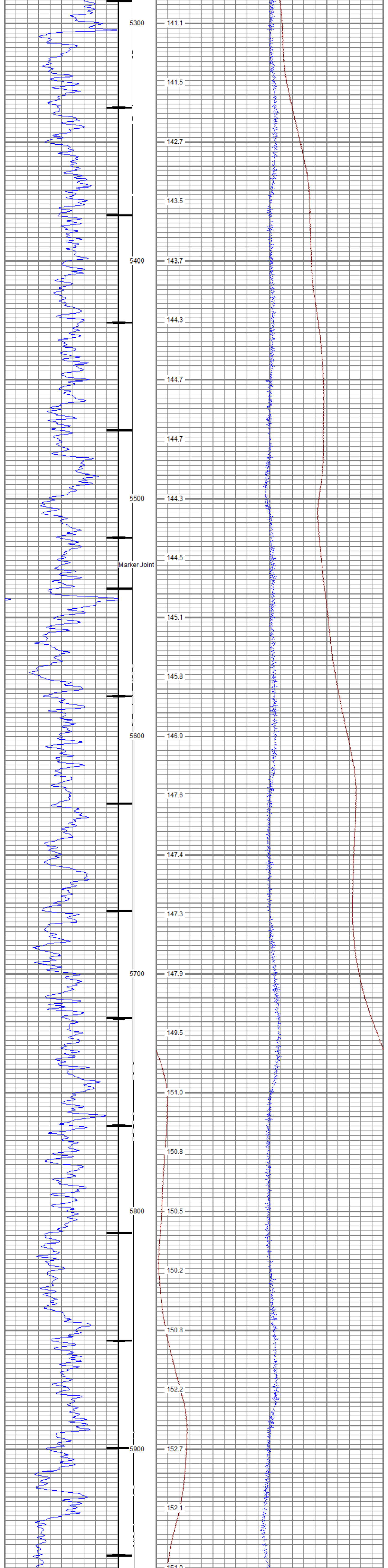
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5600
146.9
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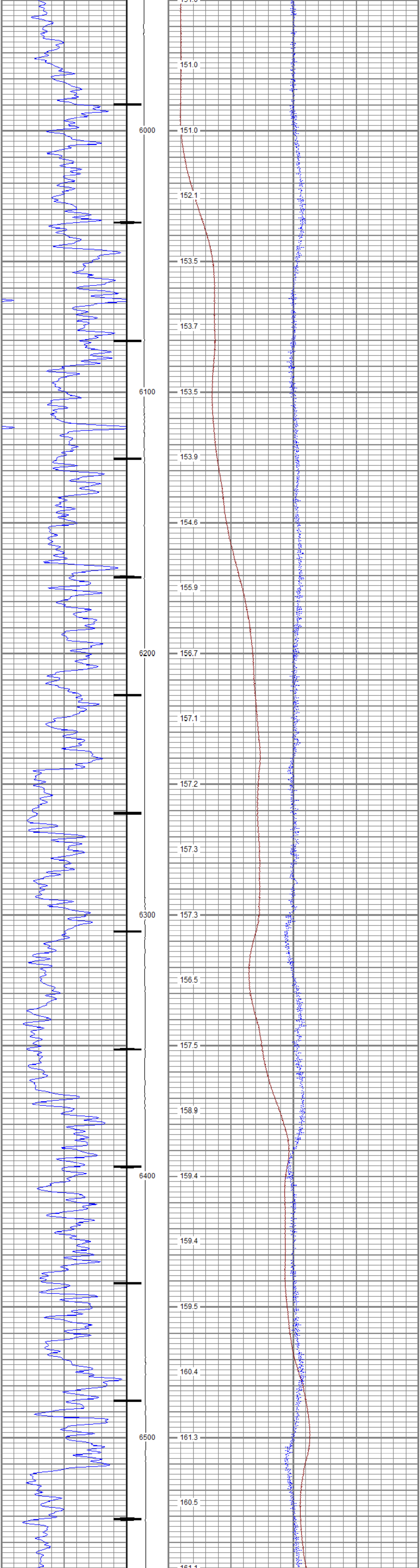
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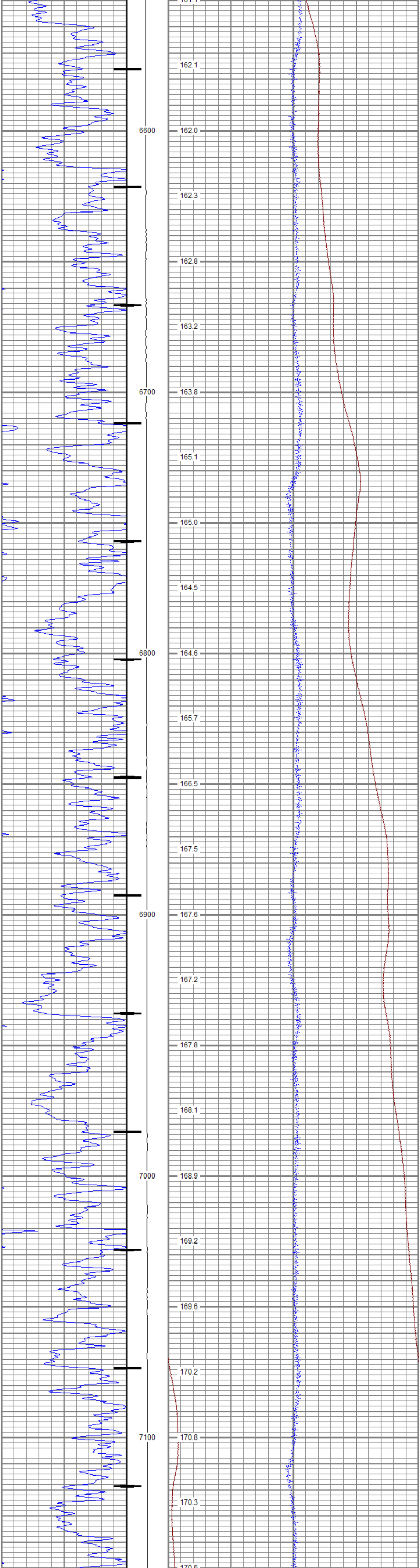
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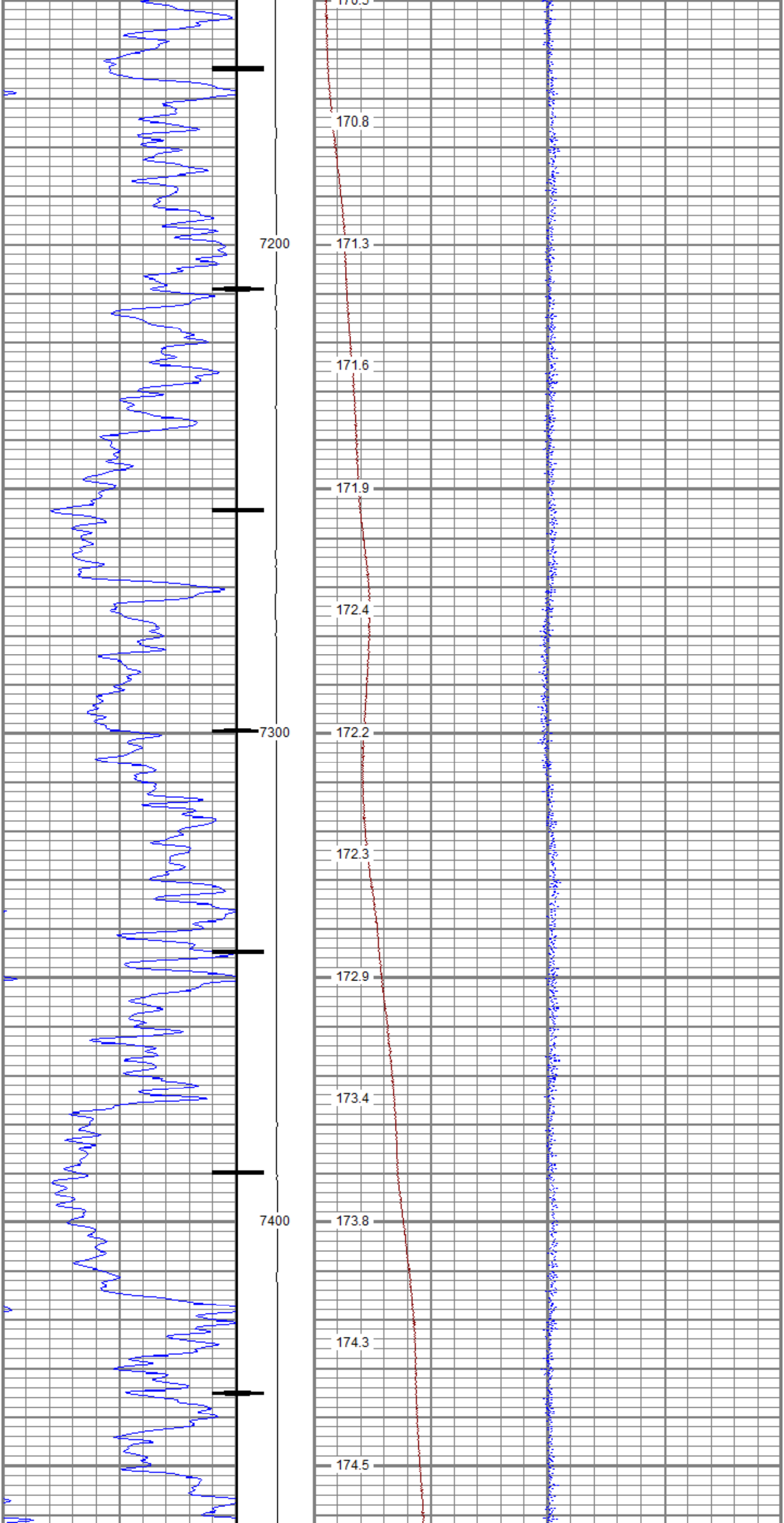
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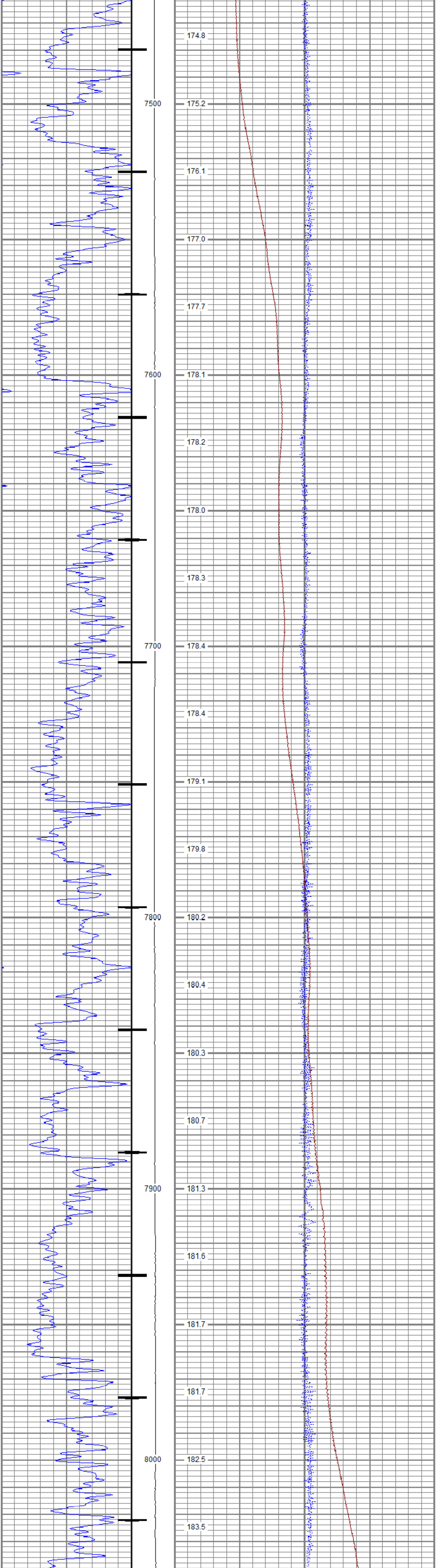
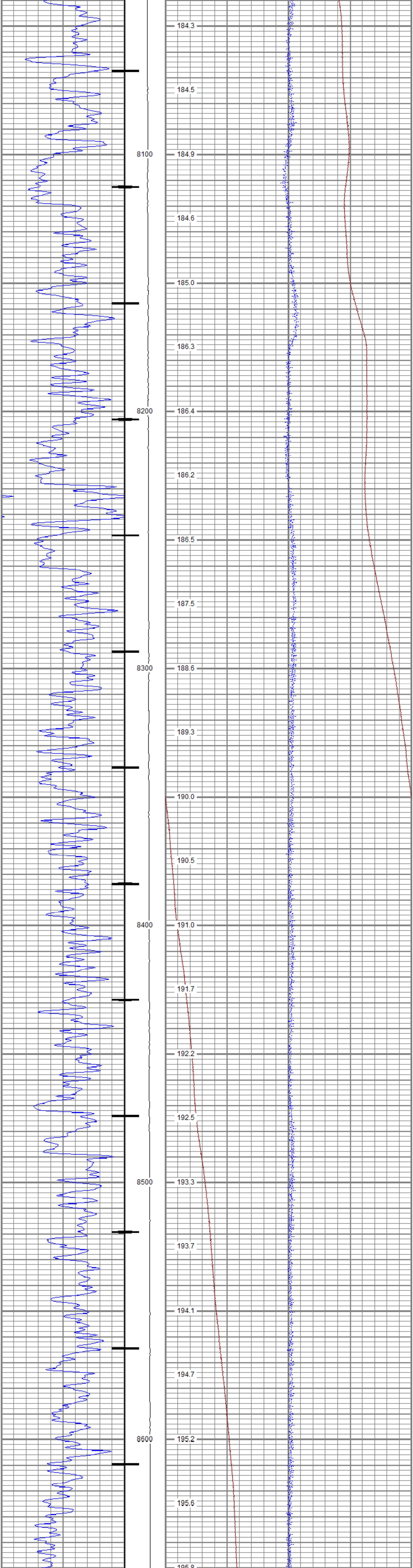
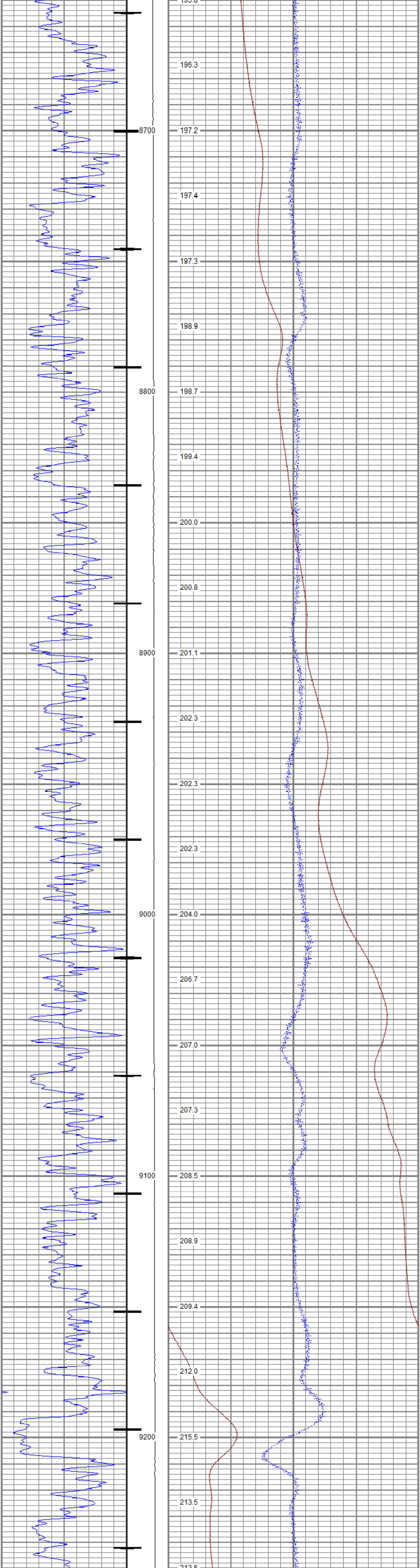
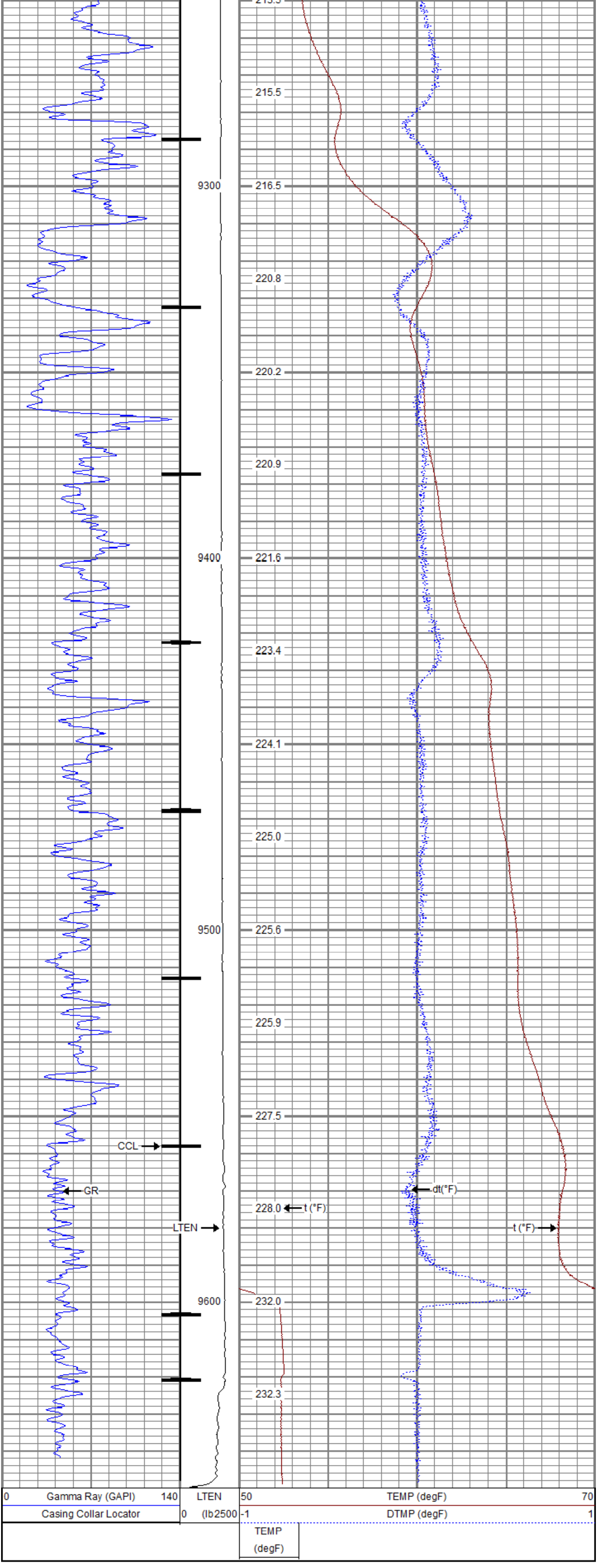
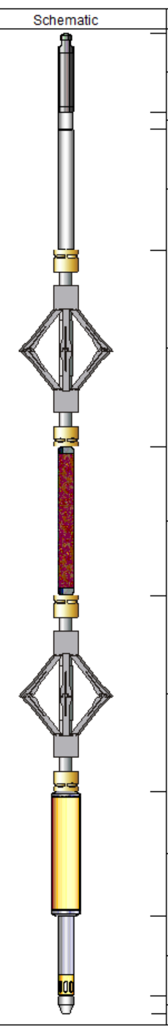








Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			Titan_Electric_Cable_Heads-Titan_1-11/1 Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40
			UW_AGS-UW_AGS_001 (219135) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00
			UW_XTU-UW_XTU_002 (211461) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
GR	5.92		UW_PGR-UW_PGR_020 (10013902) Production Gamma Ray	1.92	1.69	9.50
			DSS_RAC-RAC_5-Arm 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
CCL	1.77		UW_CCL-UW_CCL_028 (10026421) 3-1/8" Ultrawire Casing Collar Locator	1.61	3.13	36.00
TEMP HVOLTX ITEMPX	0.37 0.00 0.00		UW_PRT-PRT_016 (10025093) Platinum Resistance Thermometer	1.04	1.69	5.20
TSTAMP	0.00		UW_BUL-UW_BUL_006 (10019730) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20

Dataset:	PROCESSED_TEP_Youberg SR 341-12_TEMP_07-29-17.db: field/well/run1/pass1.1
Total length:	12.71 ft
Total weight:	128.80 lb
O.D.:	3.13 in

Calibration Report

Database File	c:\programdata\warrior\data\tep_youberg sr 341-12_temp_07-27-2017\processed_tep_youberg sr 341-12_te
Dataset Pathname	pass1
Dataset Creation	Sat Jul 29 13:01:30 2017

Temperature Calibration Report

Serial Number:	10025093
Tool Model:	PRT_016
Performed:	Sun Oct 11 12:31:14 2015

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:	10013902	
Tool Model:	UW_PGR_020	
Performed:	(Not Performed)	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Company	TEP Rocky Mountain LLC
Well	Youberg SR 341-12
Field	Rulison
County	Garfield
State	Colorado