ROCKY MOUNTAIN WIRELINE SERVICE

TEMPERATURE CCL LOG

Company	WPX ENERGY		
Well	RU 343 - 5		
Field	RULISON		
County	GARFIELD	State	COLORADO
Location:	API # : 05 - 045 - 22778 - 00 LONG: -107.800631 LAT: 39.465614		Other Services N/A
	SEC 8 TWP 7S RGE 93W		
Permanent Datum	GL	Elevation	Elevation
Log Measured From	KB	Ft Above PD 24'	K.B.
Drilling Measured From	KB		D.F.
			G.L.

Date	11 - 02 - 2015		
Run Number	ONE		
Depth Driller	10,763'		
Present Depth Driller	N/A		
Depth Logger	10,652'		
Bottom Logged Interval	10,651'		
Top Log Interval	SURFACE		
Fluid Level	FULL'		
Type Fluid	WATER		
Max. Recorded Temp.	225.9 DEG F		
Estimated Cement Top	5,338'		
Equipment Number	219		
Location	GRAND JCT.		
Recorded By	INGRAM	FERNANDEZ	
Witnessed By	MR. BEAUDE		

Borehole Record				Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE							
TWO							

<<< 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.

WARRIOR 7.0 SOFTWARE - Comments

NOTE: THERE WAS NO LOG TO CORRELATE WITH

SHORT JOINT: 6782' TO 6802'

CASING PSI = STATIC
MAIN PASS 5" = 100'

Calibration Report

Database File:	110215_wpx_ru_343_5.db
Dataset Pathname:	main/pass6
Dataset Creation:	Tue Nov 03 00:39:56 2015

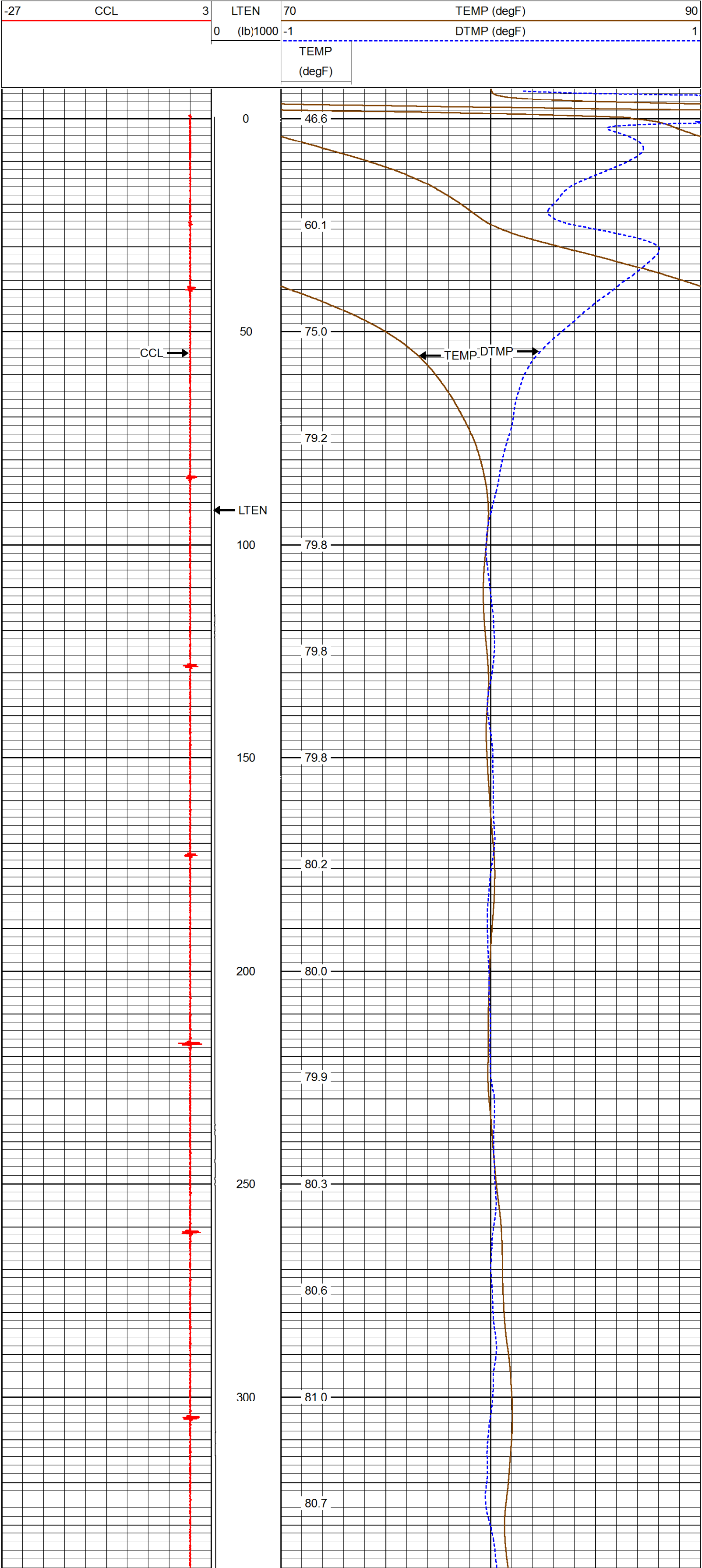
Temperature Calibration Report

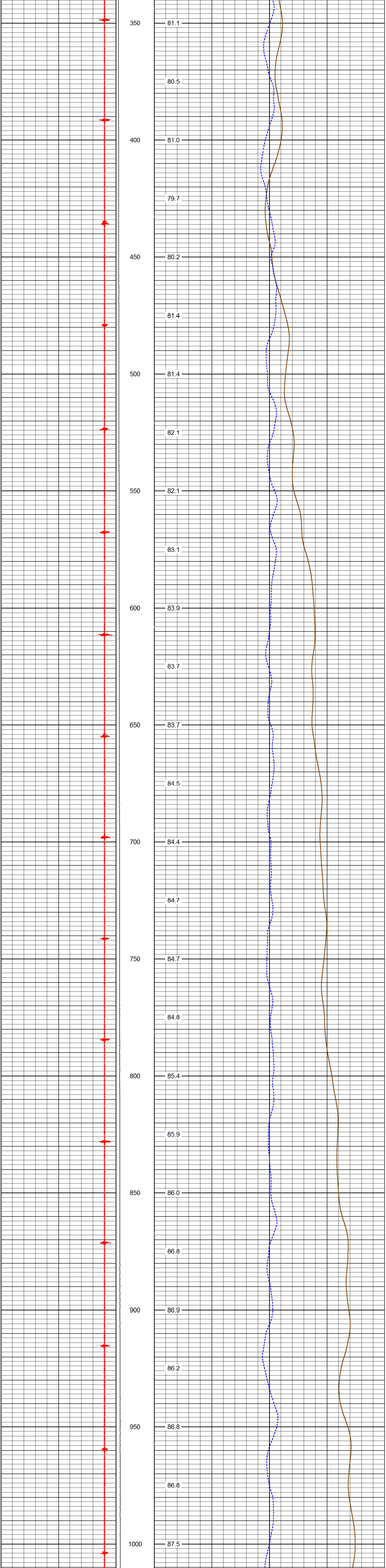
Serial Number:	16-53			
Tool Model:	APPLIED			
Performed:	Tue Jan 31 09:43:33 2012			
	Reference		Reading	
Low Reference:	0.00	degF	0.00	cps
High Reference:	1.00	degF	1.00	cps
Gain:	0.10			
Offset:	0.00			
Delta Spacing	2			

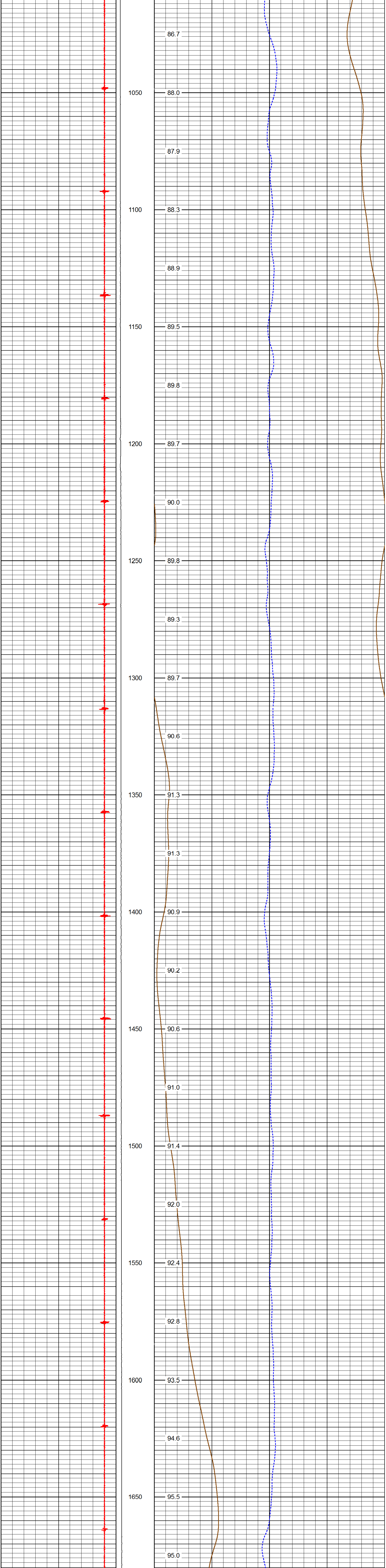
ROCKY MOUNTAIN WIRELINE SERVICE

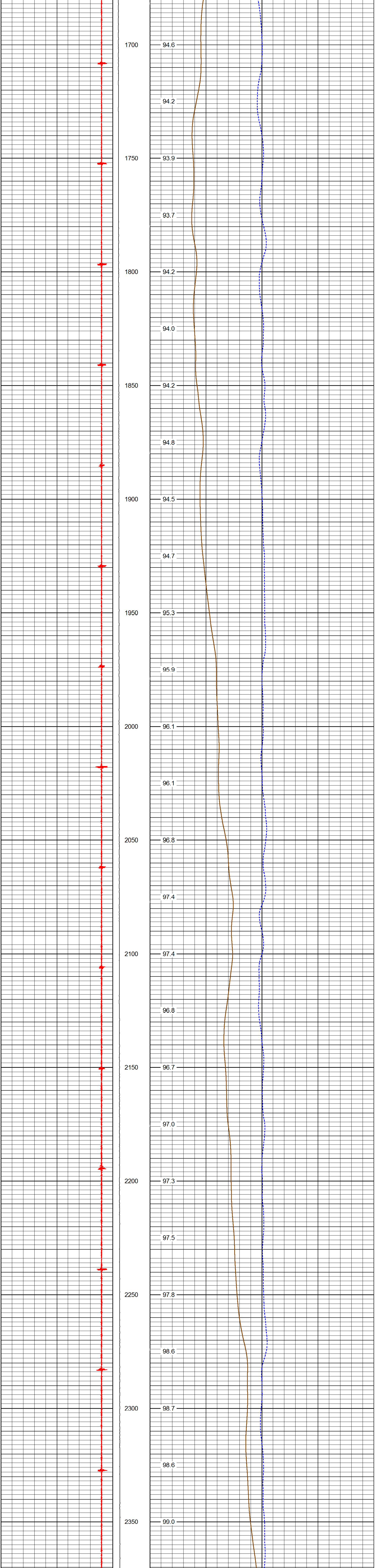
MAIN PASS

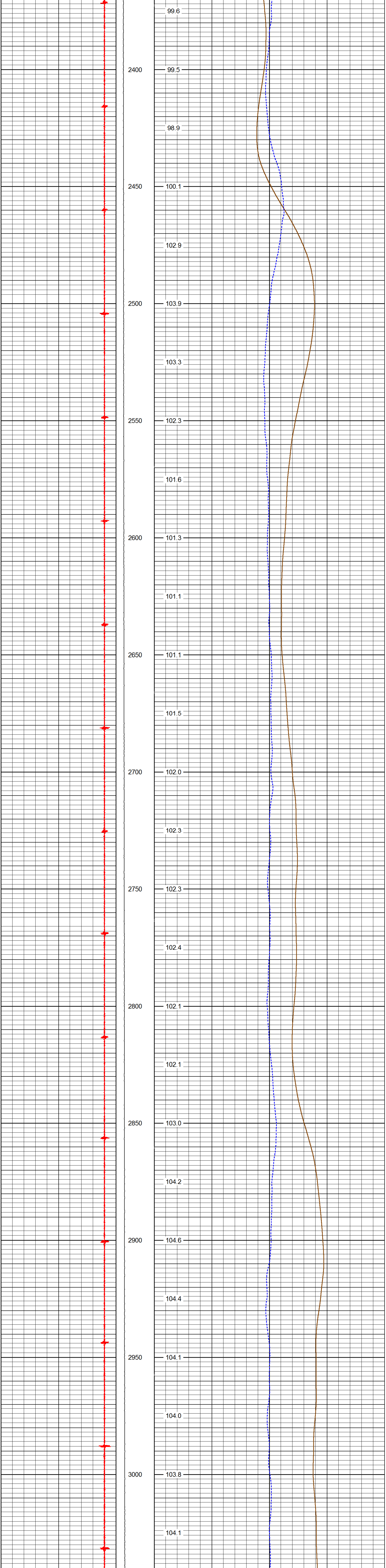
Database File:	110215_wpx_ru_343_5.db
Dataset Pathname:	main/pass6
Presentation Format:	RMWS_T~1
Dataset Creation:	Mon Nov 02 23:39:56 2015
Charted by:	Depth in Feet scaled 1:240

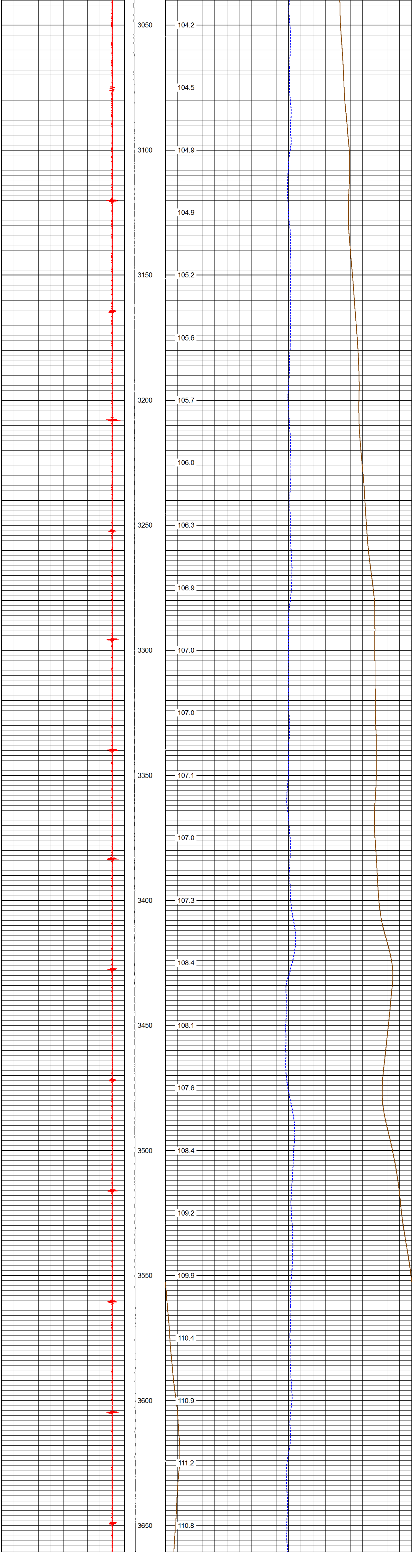


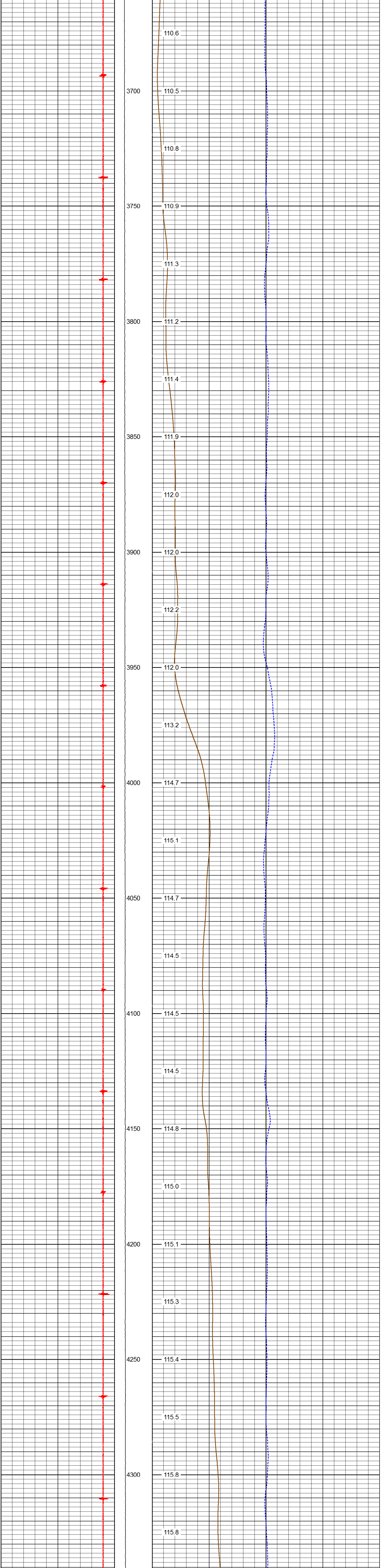


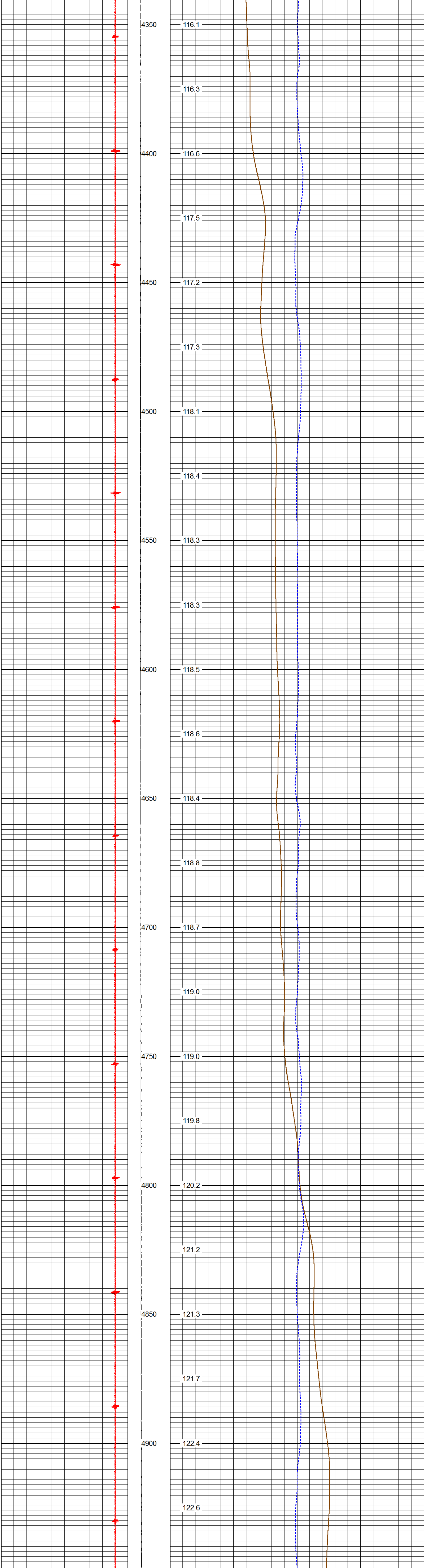


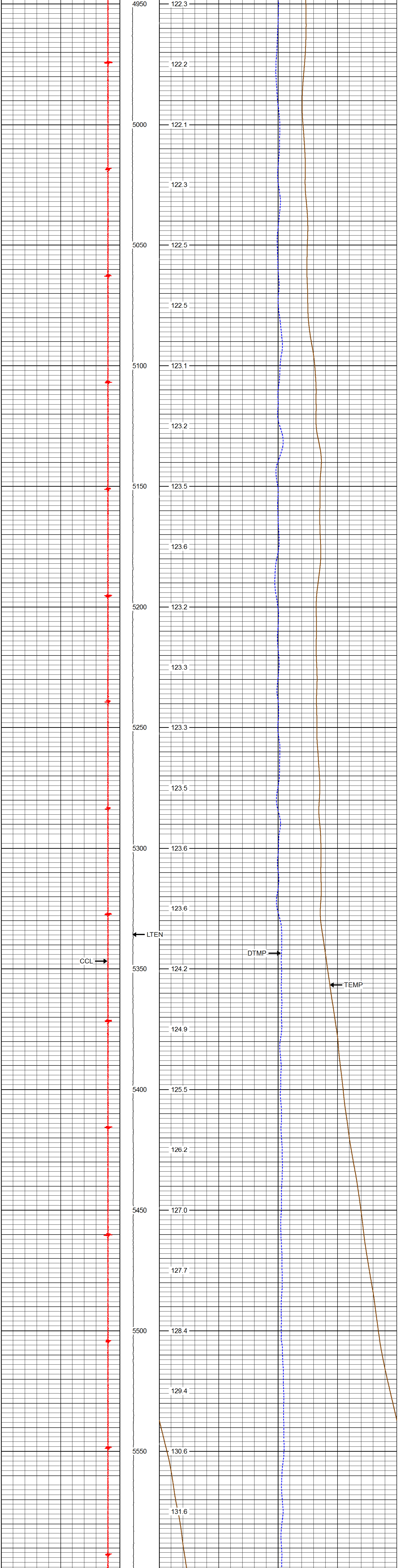


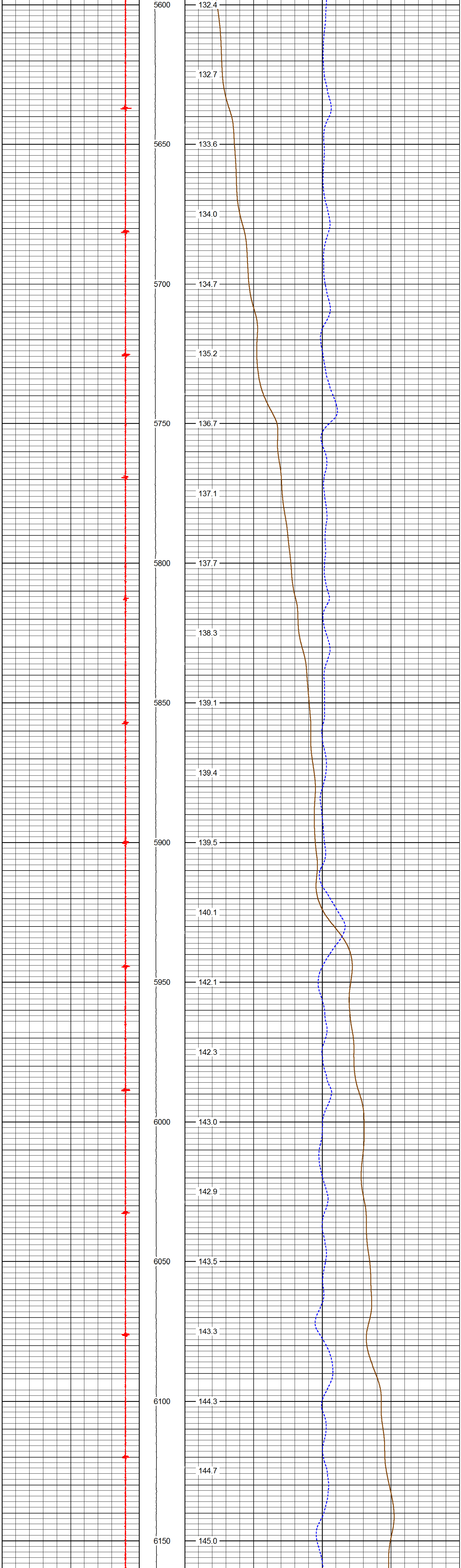


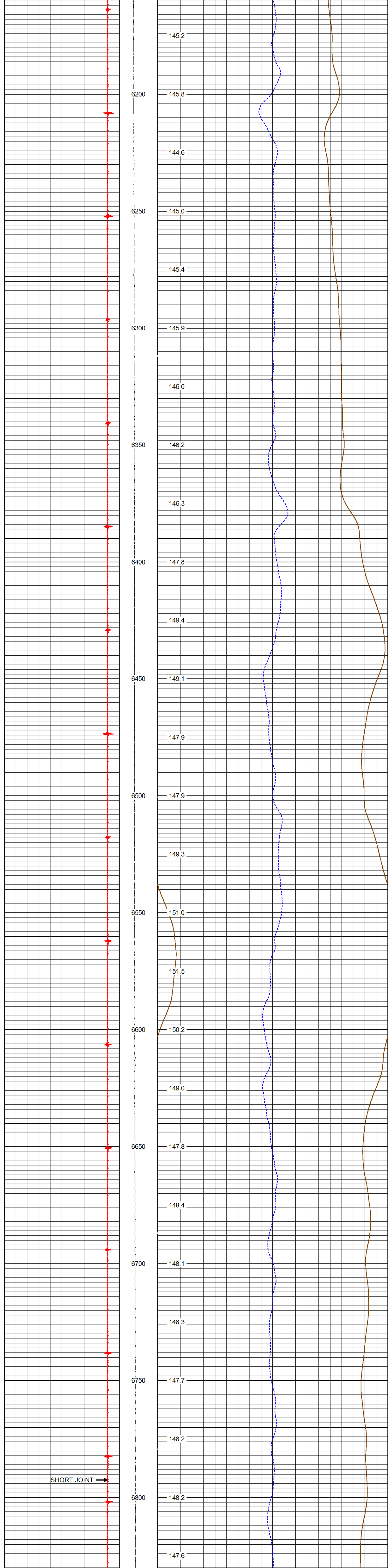


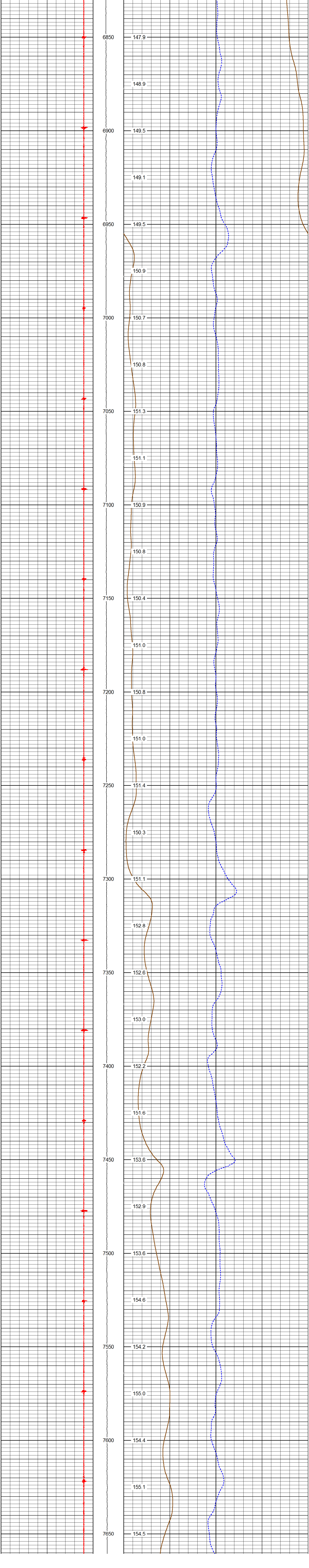

110.6
3700
110.5
110.8
3750
110.9
111.3
3800
111.2
111.4
3850
111.9
112.0
3900
112.0
112.2
3950
112.0
113.2
4000
114.7
115.1
4050
114.7
114.5
4100
114.5
114.5
4150
114.8
115.0
4200
115.1
115.3
4250
115.4
115.5
4300
115.8
115.8


4350
116.1
116.3
4400
116.6
117.5
4450
117.2
117.3
4500
118.1
118.4
4550
118.3
118.3
4600
118.5
118.6
4650
118.4
118.8
4700
118.7
119.0
4750
119.0
119.8
4800
120.2
121.2
4850
121.3
121.7
4900
122.4
122.6

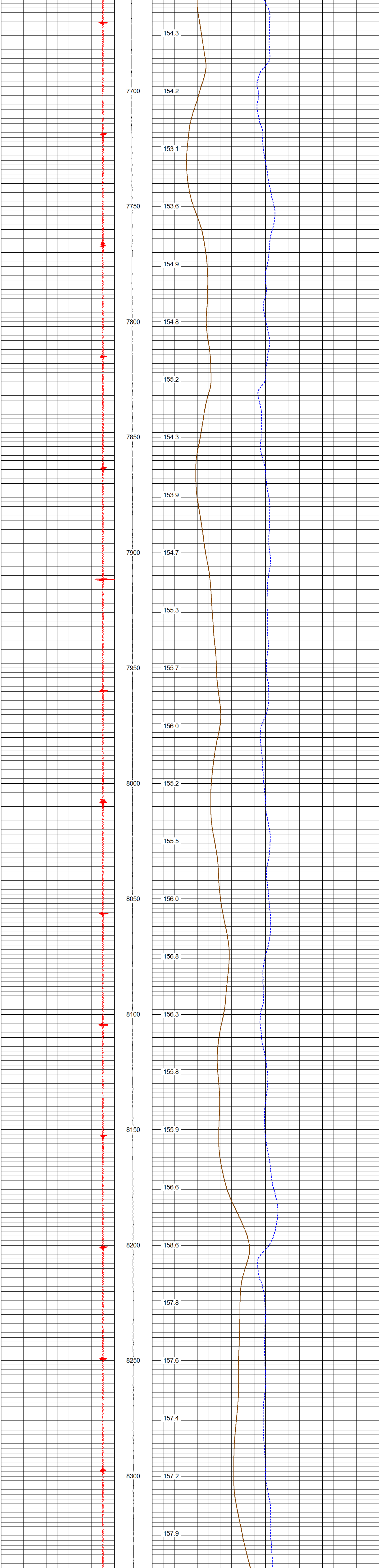

4950
122.3
122.2
5000
122.1
122.3
5050
122.5
122.5
5100
123.1
123.2
5150
123.5
123.6
5200
123.2
123.3
5250
123.3
123.5
5300
123.6
123.6
LTEN
DTMP
CCL
5350
124.2
TEMP
124.9
5400
125.5
126.2
5450
127.0
127.7
5500
128.4
129.4
5550
130.6
131.6

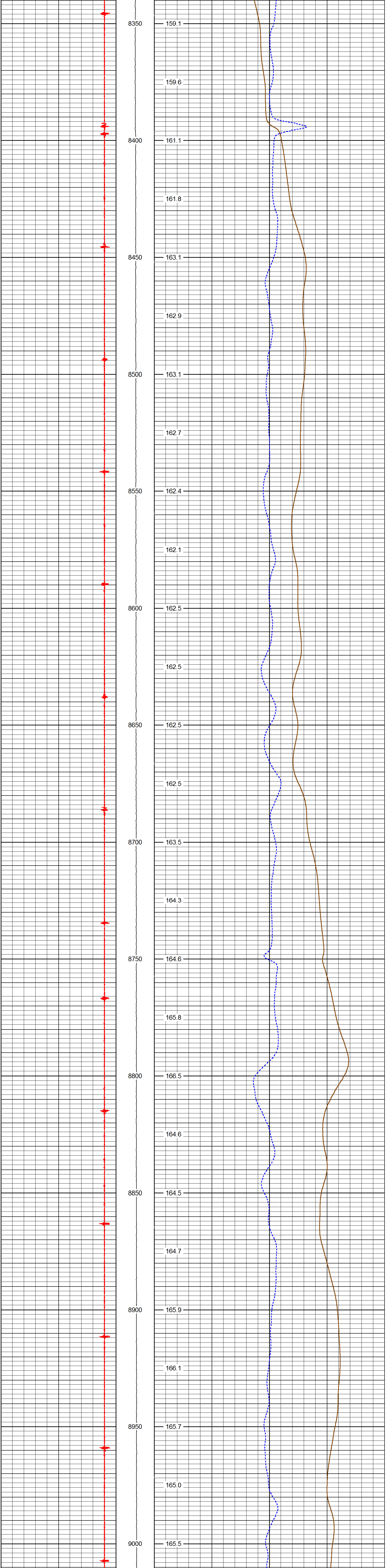

5600
132.4
132.7
5650
133.6
134.0
5700
134.7
135.2
5750
136.7
137.1
5800
137.7
138.3
5850
139.1
139.4
5900
139.5
140.1
5950
142.1
142.3
6000
143.0
142.9
6050
143.5
143.3
6100
144.3
144.7
6150
145.0

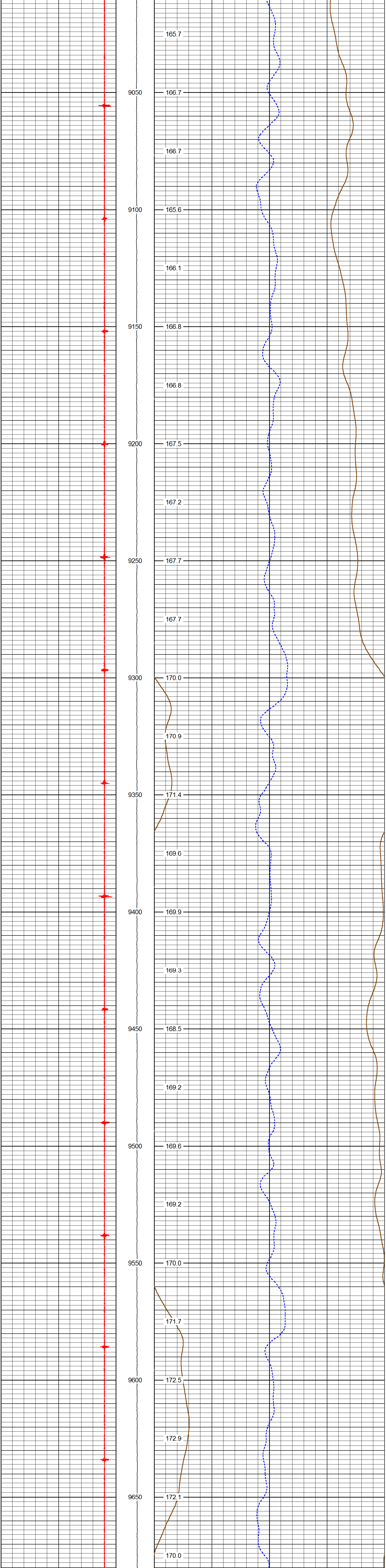

145.2
6200
145.8
144.6
6250
145.0
145.4
6300
145.9
146.0
6350
146.2
146.3
6400
147.8
149.4
6450
149.1
147.9
6500
147.9
149.3
6550
151.0
151.5
6600
150.2
149.0
6650
147.8
148.4
6700
148.1
148.3
6750
147.7
148.2
SHORT JOINT
6800
148.2
147.6

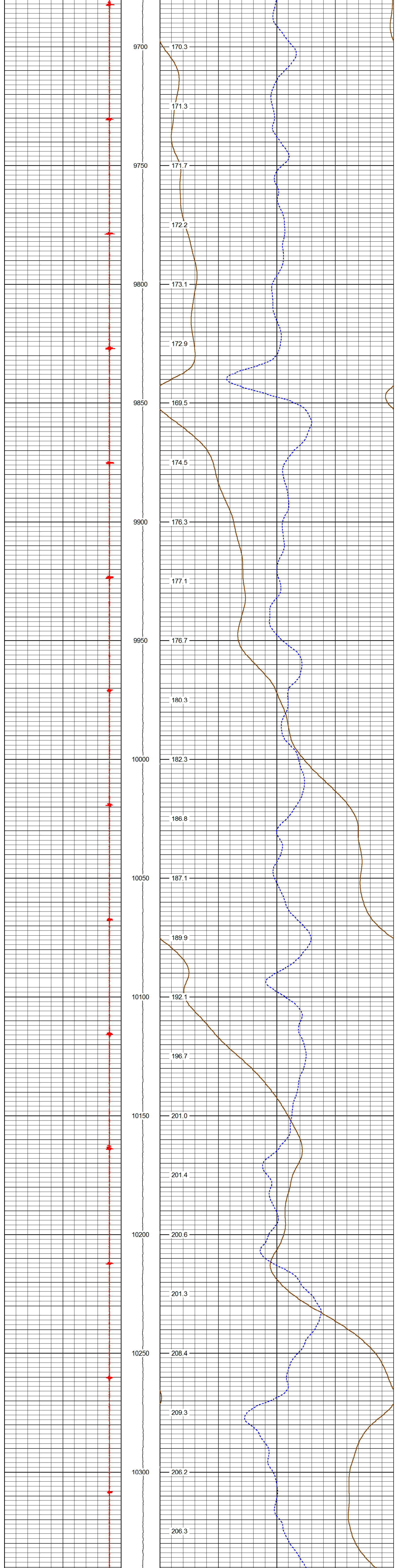


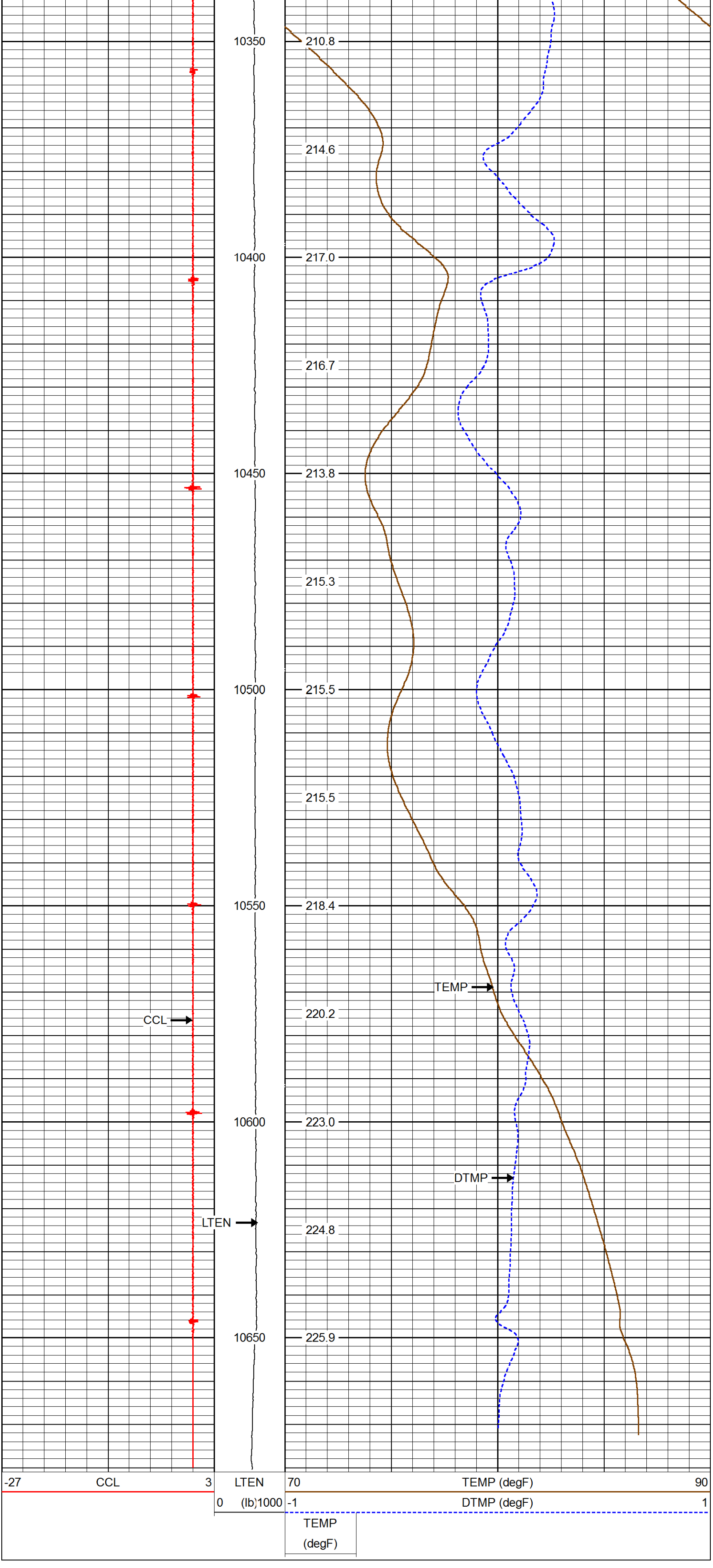
6850
147.9
148.9
6900
149.5
149.1
6950
149.5
150.9
7000
150.7
150.8
7050
151.3
151.1
7100
150.9
150.8
7150
150.4
151.0
7200
150.8
151.0
7250
151.4
150.3
7300
151.1
152.8
7350
152.6
153.0
7400
152.2
151.6
7450
153.6
152.9
7500
153.6
154.6
7550
154.2
155.0
7600
154.4
155.1
7650
154.5





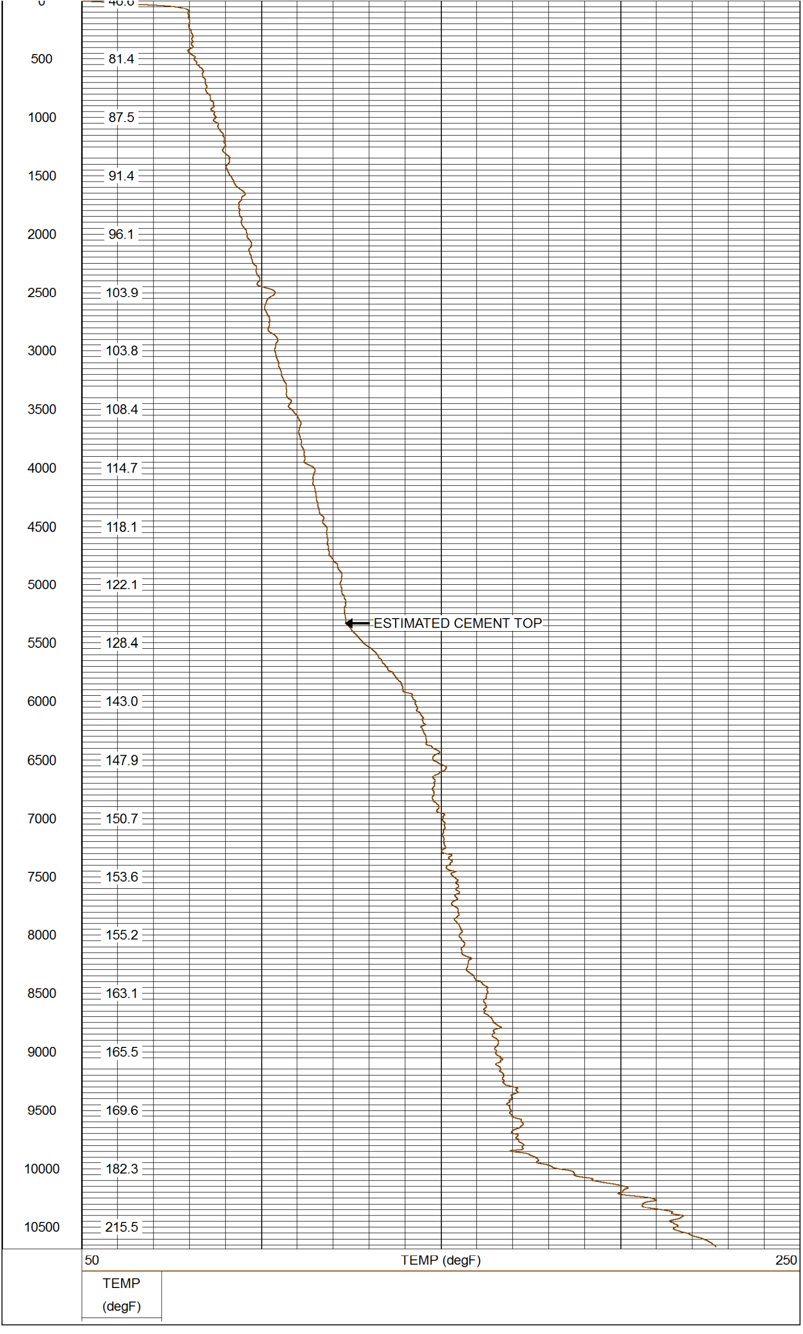


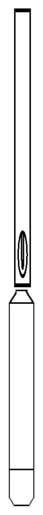




MAIN PASS QUICKLOOK

Database File: 110215_wpx_ru_343_5.db
Dataset Pathname: main/pass6.1
Presentation Format: rmtemp_q
Dataset Creation: Mon Nov 02 23:42:13 2015 by Calc SCH 120430
Charted by: Depth in Feet scaled 1:10000



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			TEMP-APPLIED (16-53)	2.67	1.38	11.00
TEMP	2.44					
			CCL-3.125_APPLIED (40-01NB) positive or negative voltage logging ccl	2.03	3.13	45.00
CCL	0.79					

Dataset: 110215_wpx_ru_343_5.db: field/well/main/pass6
Total Length: 4.69 ft
Total Weight: 56.00 lb
O.D. 3.13 in

Company	WPX ENERGY
Well	RU 343 - 5
Field	RULISON
County	GARFIELD
State	COLORADO