



Multi Sensor 40 Arm Caliper
Average Wall Thickness
Gamma Ray CCL
Log

Company		Chevron		Company		Chevron	
Well		FEE-51		Well		FEE-51	
Field		Rangely Weber Sand Unit		Field		Rangely Weber Sand Unit	
County		Rio Blanco		County		Rio Blanco	
State		CO		State		CO	
Location:				API # : 05-103-06149		Other Services	
SEC		TWP		RGE		Elevation	
Permanent Datum		Ground Level		Elevation		K.B. -	
Log Measured From		GL		-		D.F. -	
Drilling Measured From		KB				G.L. -	
Date		04/02/2018					
Run Number		18					
Depth Driller		-					
Depth Logger		5654'					
Bottom Logged Interval		5565'					
Top Log Interval		SURFACE					
Open Hole Size		8.75					
Type Fluid		Water					
Density / Viscosity		8.33					
Max. Recorded Temp.		-					
Estimated Cement Top		-					
Time Well Ready		12:30pm					
Time Logger on Bottom		2:30pm					
Equipment Number		WL-110					
Location		Vernal, Utah					
Recorded By		Daniel M					
Witnessed By		Joe Arnold					
Run Number		18					
Bit		From		To		Size	
Casing Record		Size		Wgt/Ft		Top	
Surface String						Bottom	
Prot. String		7		23		Surface	
Production String						-	
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 correlated to Ground Level.

API Casing Dimensions

LOG columns indicate the Wall Thickness values that may be displayed on the Caliper Log in NEW casing due only to A.P.I.

Dimensional Tolerances

Casing O.D.			WGT	Wall Thickness		Casing I.D.			*LOG*	
NOM.	MAX.	MIN.	LB/FT	NOM.	MIN.	NOM.	MAX.	MIN.	MAX.	MIN.
			9.50	.205	.179	4.090	4.175	4.005	.222	.163
			10.50	.224	.196	4.052	4.142	3.962	.241	.179

			<h2 style="text-align: center;">PIPE TALLY SUMMARY</h2>	
			Company	Chevron
			Well	FEE-51
			Field	Rangely Weber Sand Unit
			County	Rio Blanco State CO
JOINT CLASSIFICATION			Comments	
Range	Symbol	# Joints		
0% to 10%	A	151		
10% to 20%	B	27		
20% to 30%	C	0		
30% to 40%	D	0		
40% to 50%	E	0		
			Log correlated to Ground Level.	

Well FEE-51

Field Rangely Weber Sand Unit

County

Rio Blanco

State

CO

Comments

Log correlated to Ground Level.

Joint number, Depth, Length, Maximum Penetration Percentage, and Symbol

91	2697.8	31.5	7%		121	3616.8	30.1	7%		151	4567.3	27.9	6%	
92	2729.3	32.1	10%		122	3646.9	30.5	8%		152	4595.2	32.5	9%	
93	2761.4	27.6	9%		123	3677.4	29.4	10%		153	4627.7	32.9	8%	
94	2789.0	30.6	8%		124	3706.8	31.6	8%		154	4660.6	32.3	10%	
95	2819.6	32.0	10%		125	3738.4	32.8	8%		155	4692.9	32.0	5%	
96	2851.6	29.2	13%		126	3771.2	28.6	5%		156	4724.9	32.3	7%	
97	2880.8	28.0	8%		127	3799.8	28.8	9%		157	4757.2	32.4	15%	
98	2908.8	30.1	8%		128	3828.6	32.8	8%		158	4789.6	31.4	9%	
99	2938.9	31.2	9%		129	3861.4	31.3	9%		159	4821.0	33.0	6%	
100	2970.1	29.1	8%		130	3892.7	31.8	9%		160	4854.0	31.5	9%	
101	2999.2	31.5	7%		131	3924.5	29.6	8%		161	4885.5	32.9	8%	
102	3030.7	28.5	13%		132	3954.1	31.8	6%		162	4918.4	32.3	7%	
103	3059.2	28.5	7%		133	3985.9	32.3	7%		163	4950.7	31.4	6%	
104	3087.7	29.8	6%		134	4018.2	31.4	6%		164	4982.1	32.2	12%	
105	3117.5	32.4	10%		135	4049.6	32.3	6%		165	5014.3	30.9	13%	
106	3149.9	30.9	6%		136	4081.9	31.7	5%		166	5045.2	31.9	6%	
107	3180.8	31.5	10%		137	4113.6	31.5	10%		167	5077.1	31.9	8%	
108	3212.3	32.7	10%		138	4145.1	32.8	3%		168	5109.0	32.2	8%	
109	3245.0	30.7	8%		139	4177.9	32.7	3%		169	5141.2	32.6	8%	
110	3275.7	32.0	13%		140	4210.6	31.6	2%		170	5173.8	28.5	4%	
111	3307.8	30.1	12%		141	4242.2	31.9	4%		171	5202.3	31.6	6%	
112	3337.8	30.6	13%		142	4274.1	32.8	4%		172	5233.9	32.6	2%	
113	3368.5	29.8	10%		143	4306.9	32.4	7%		173	5266.5	33.6	6%	
114	3398.3	33.0	10%		144	4339.3	33.5	8%		174	5300.2	33.0	4%	
115	3431.3	30.8	10%		145	4372.8	32.7	10%		175	5333.2	31.9	7%	
116	3462.1	27.3	5%		146	4405.5	32.2	9%		176	5365.1	32.1	3%	
117	3489.4	30.9	9%		147	4437.7	33.1	10%		177	5397.2	31.1	7%	
118	3520.3	32.8	7%		148	4470.8	32.6	8%		178	5428.3	34.1	10%	
119	3553.0	31.3	8%		149	4503.4	31.1	7%		179	5462.5	32.1	3%	
120	3584.3	32.5	11%		150	4534.5	32.8	7%		180	5494.6	32.5	6%	

Sheet: 2 of 3

Log Date: 04/02/2018



Company Chevron

Chevron

Well

FEE-51

Field

Rangely Weber Sand Unit

County

Rio Blanco

State

CO

Comments

Log correlated to Ground Level.

Joint number, Depth, Length, Maximum Penetration Percentage, and Symbol

[illegible]

Company: Chevron
Well: FEE-51



Joint			Remaining Wall		
No.	Depth	Length	0.000	0.500	in
1	-3.2	2.9			0.000
2	-0.3	1.1			0.000
3	0.8	4.8			0.000
4	5.6	5.8			0.298
5	11.4	11.8			0.309
6	23.2	32.5			0.298
7	55.7	32.4			0.310
8	88.1	32.8			0.303
9	120.9	32.8			0.297
10	153.6	31.4			0.311
11	185.0	33.8			0.306
12	218.8	32.4			0.299
13	251.2	32.9			0.299
14	284.1	31.9			0.314
15	316.0	33.0			0.307
16	349.0	31.5			0.317
17	380.5	32.8			0.298
18	413.3	32.5			0.308
19	445.8	32.2			0.313
20	478.0	32.3			0.306
21	510.3	32.3			0.301
22	542.6	32.3			0.306
23	574.9	32.8			0.299
24	607.7	32.3			0.299
25	640.0	32.4			0.309

Joint			Remaining Wall		
No.	Depth	Length	0.000	0.500	in
26	672.4	32.0			0.292
27	704.4	32.8			0.287
28	737.2	33.1			0.294
29	770.3	32.8			0.292
30	803.1	32.2			0.302
31	835.3	32.7			0.287
32	868.0	32.8			0.300
33	900.8	33.0			0.293
34	933.8	29.1			0.293
35	962.9	31.4			0.286
36	994.2	29.9			0.289
37	1024.1	30.1			0.293
38	1054.1	29.1			0.280
39	1083.2	31.8			0.279
40	1115.0	31.7			0.277
41	1146.7	32.0			0.293
42	1178.7	32.4			0.292
43	1211.1	29.2			0.296
44	1240.3	32.2			0.288
45	1272.5	32.1			0.292
46	1304.6	28.2			0.294
47	1332.8	29.1			0.289
48	1361.9	30.4			0.290
49	1392.3	30.2			0.289
50	1422.5	33.4			0.287

CompanyChevron
Well: FEE-51



Joint			Remaining Wall		
No.	Depth	Length	0.000	0.500	in
51	1455.9	29.4			0.293
52	1485.3	31.8			0.282
53	1517.1	30.7			0.302
54	1547.9	29.8			0.287
55	1577.6	32.0			0.284
56	1609.6	29.5			0.290
57	1639.1	25.2			0.286
58	1664.3	31.7			0.284
59	1696.0	33.3			0.286
60	1729.3	29.4			0.288
61	1758.7	31.9			0.312
62	1790.6	29.6			0.307
63	1820.2	31.4			0.316
64	1851.7	32.6			0.303
65	1884.2	33.2			0.304
66	1917.4	31.8			0.304
67	1949.2	29.9			0.305
68	1979.1	32.5			0.300
69	2011.6	30.8			0.324
70	2042.3	31.4			0.287
71	2073.7	32.0			0.287
72	2105.7	30.6			0.285
73	2136.3	29.3			0.283
74	2165.6	32.0			0.282
75	2197.6	32.1			0.286

Joint			Remaining Wall		
No.	Depth	Length	0.000	0.500	in
76	2229.7	32.5			0.286
77	2262.2	31.2			0.296
78	2293.4	29.5			0.282
79	2322.9	31.8			0.280
80	2354.7	31.9			0.281
81	2386.6	32.7			0.284
82	2419.3	31.8			0.291
83	2451.1	32.0			0.290
84	2483.1	28.8			0.298
85	2511.9	29.3			0.293
86	2541.2	31.6			0.296
87	2572.8	31.2			0.298
88	2604.0	31.2			0.293
89	2635.2	32.5			0.298
90	2667.7	30.1			0.297
91	2697.8	31.5			0.296
92	2729.3	32.1			0.286
93	2761.4	27.6			0.290
94	2789.0	30.6			0.293
95	2819.6	32.0			0.286
96	2851.6	29.2			0.277
97	2880.8	28.0			0.290
98	2908.8	30.1			0.293
99	2938.9	31.2			0.287
100	2970.1	29.1			0.293

Log Date:04/02/2018

Sheet: 2 of 4

CompanyChevron
Well: FEE-51



Joint			Remaining Wall		
No.	Depth	Length	0.000	0.500	in
101	2999.2	31.5			0.295
102	3030.7	28.5			0.276
103	3059.2	28.5			0.294
104	3087.7	29.8			0.298
105	3117.5	32.4			0.285
106	3149.9	30.9			0.298
107	3180.8	31.5			0.285
108	3212.3	32.7			0.284
109	3245.0	30.7			0.293
110	3275.7	32.0			0.274
111	3307.8	30.1			0.279
112	3337.8	30.6			0.277

Joint			Remaining Wall		
No.	Depth	Length	0.000	0.500	in
126	3771.2	28.6			0.301
127	3799.8	28.8			0.288
128	3828.6	32.8			0.291
129	3861.4	31.3			0.288
130	3892.7	31.8			0.289
131	3924.5	29.6			0.292
132	3954.1	31.8			0.298
133	3985.9	32.3			0.293
134	4018.2	31.4			0.297
135	4049.6	32.3			0.297
136	4081.9	31.7			0.302
137	4113.6	31.5			0.287

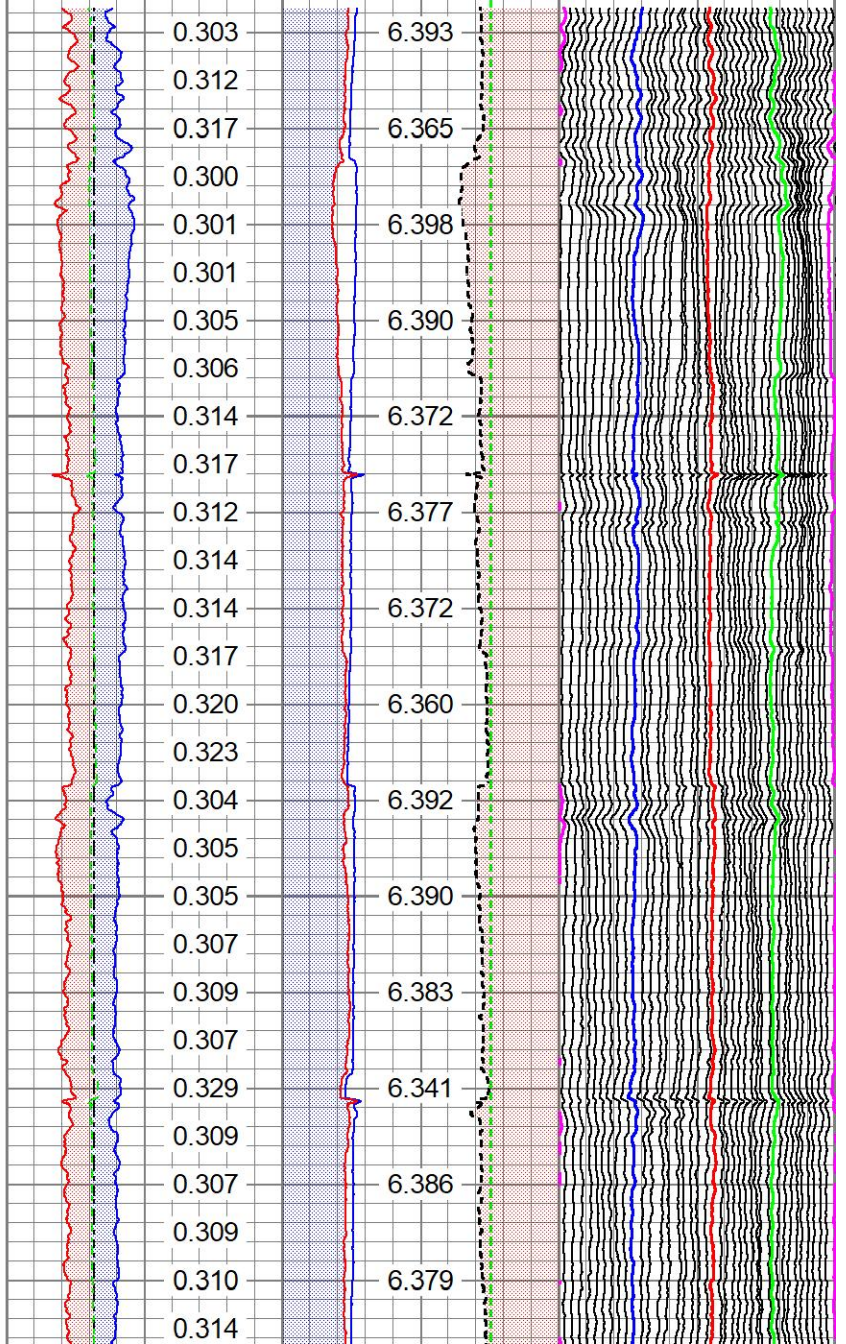
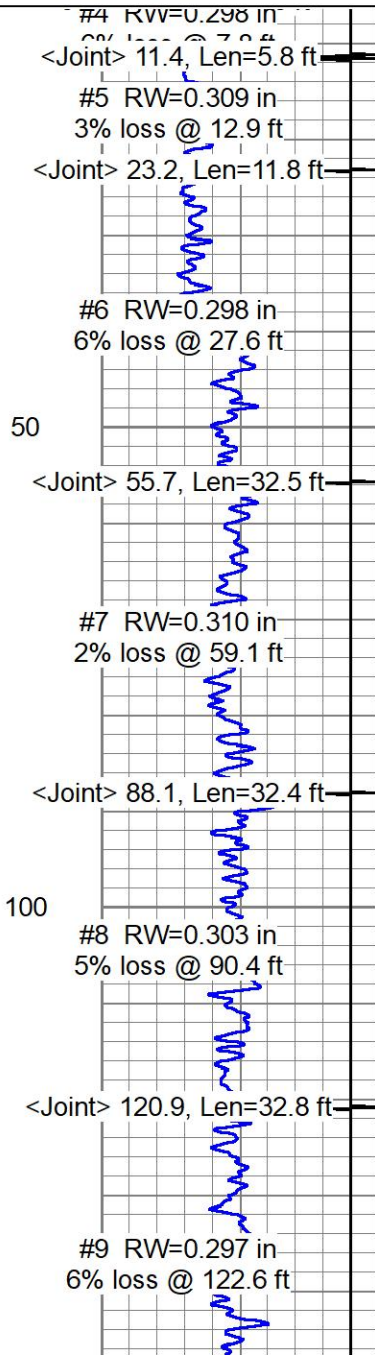
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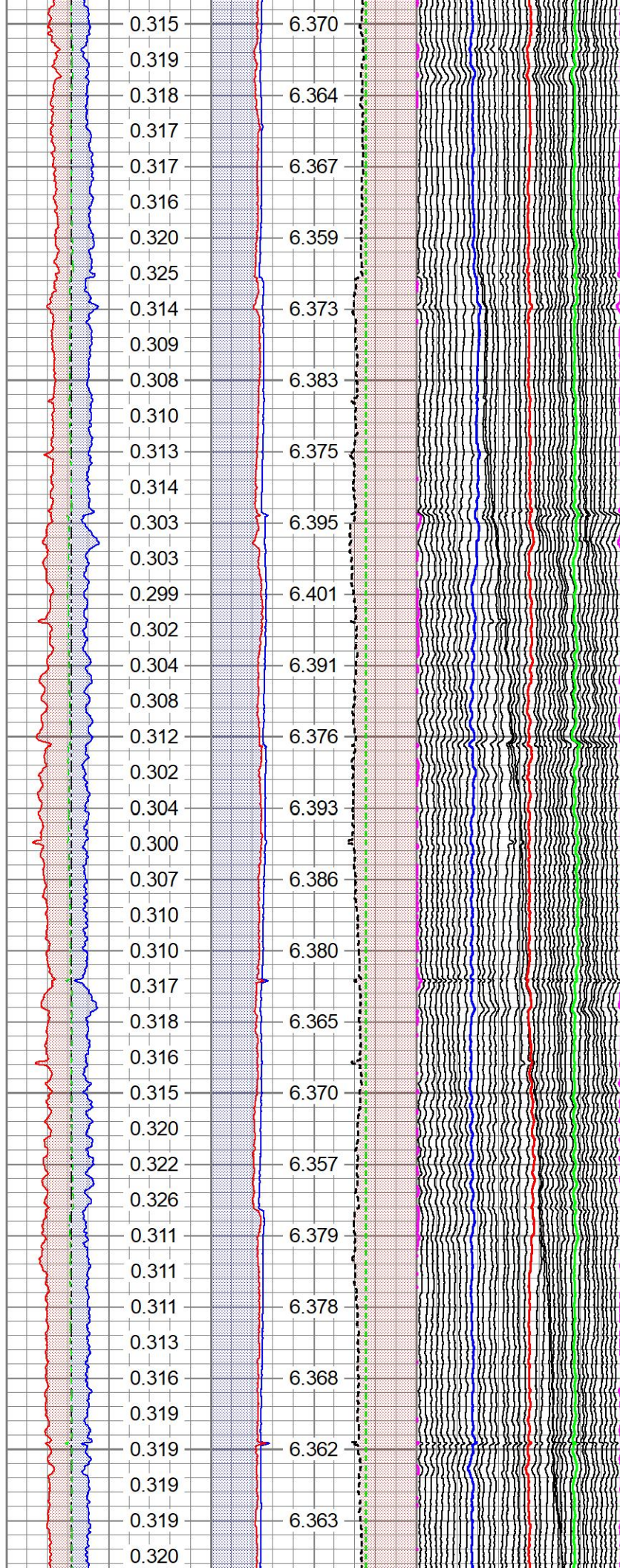
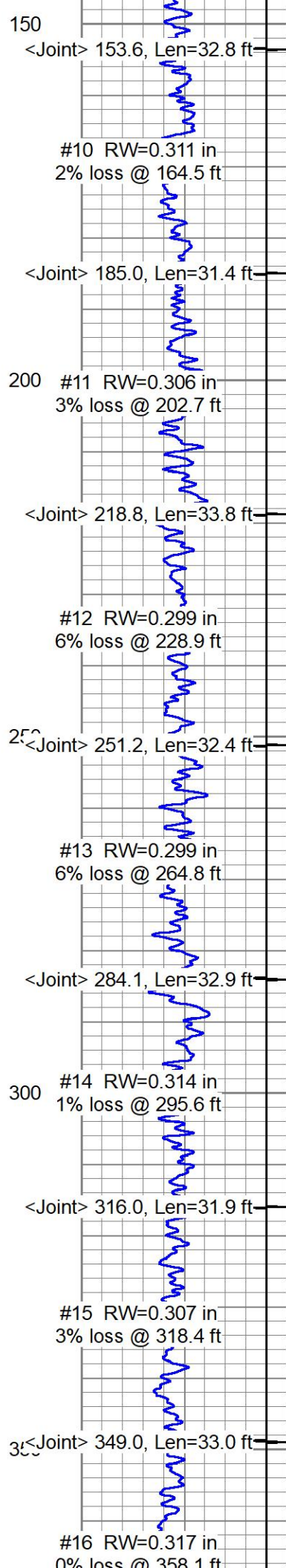
Gamma Ray		
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PTANN		

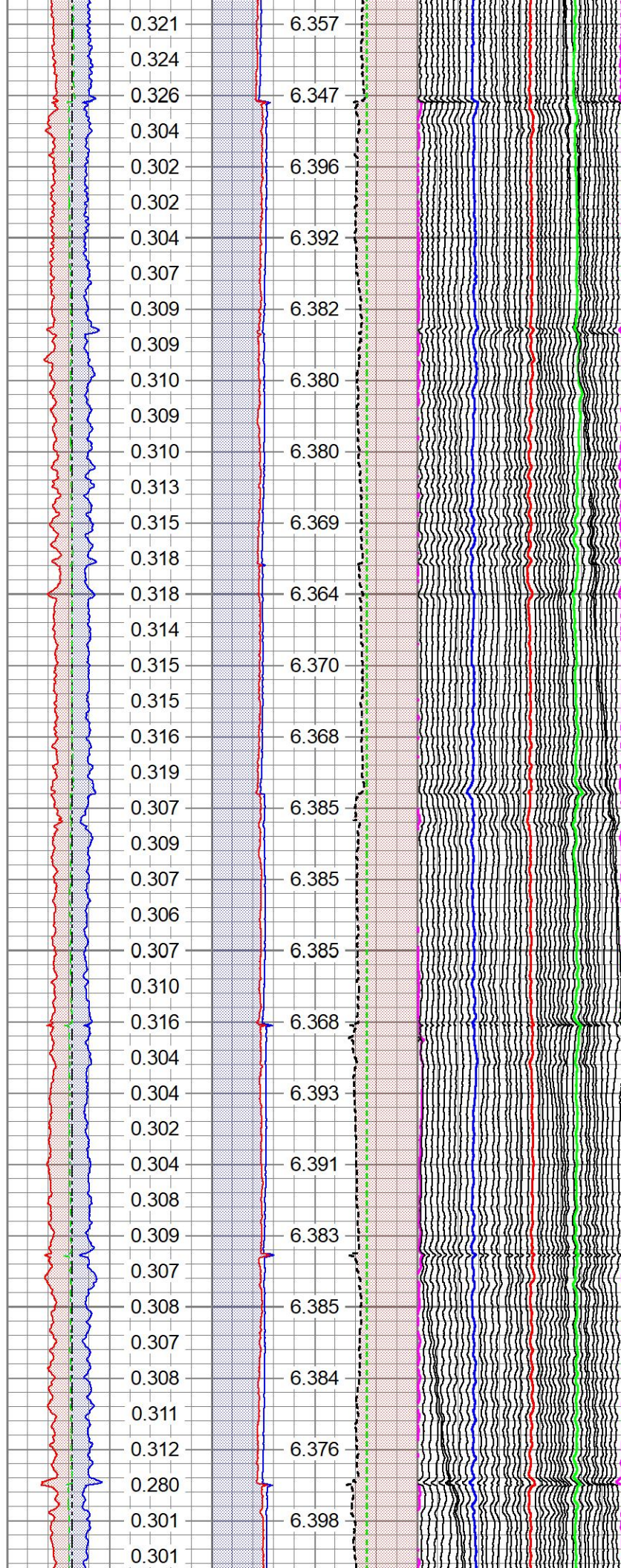
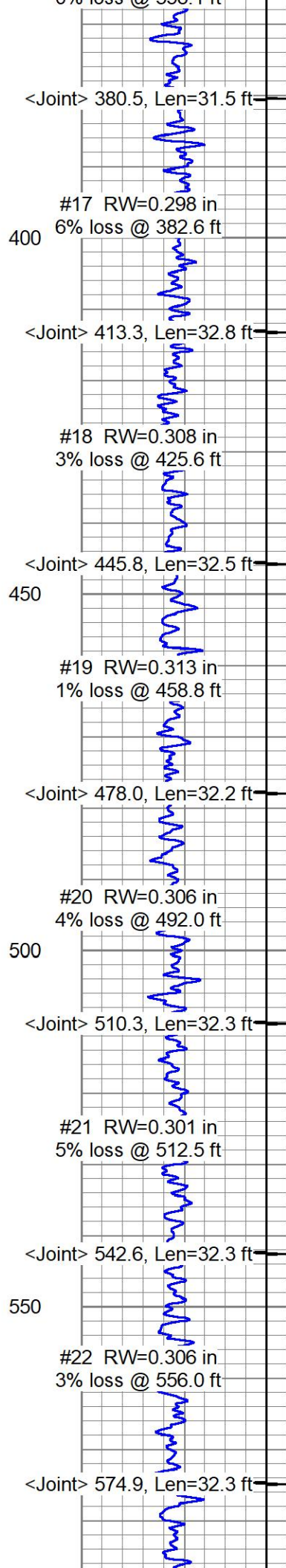
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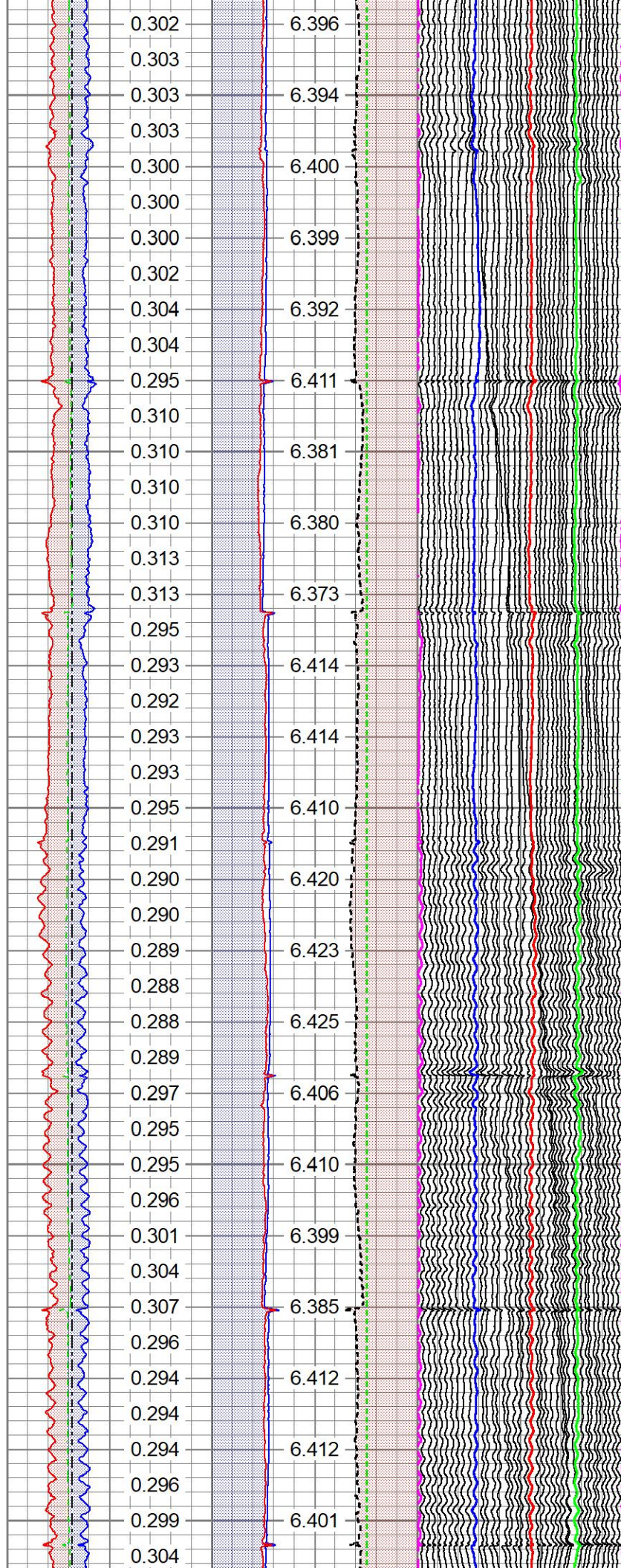
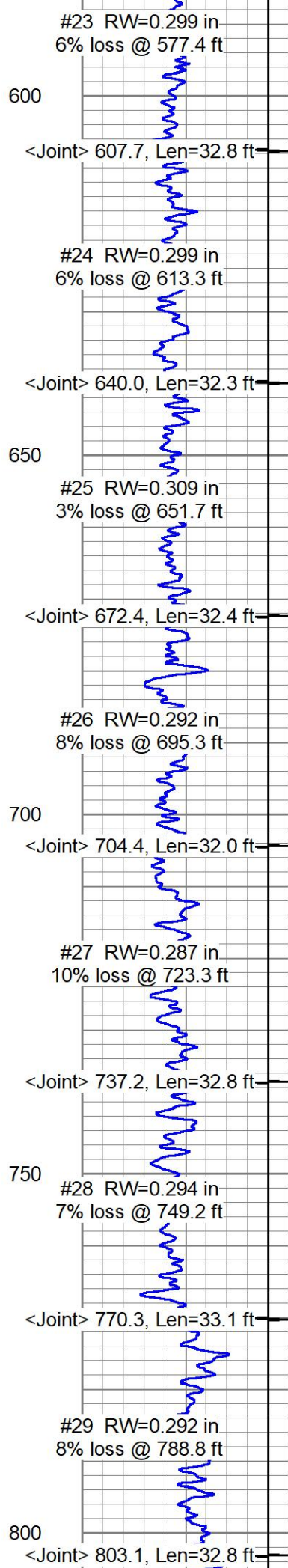
Nominal Thickness		
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Minimum Thickness		
0	(in)	1
Maximum Thickness		
0	(in)	1
Average Thickness		
0	(in)	1
AVTK (in)		

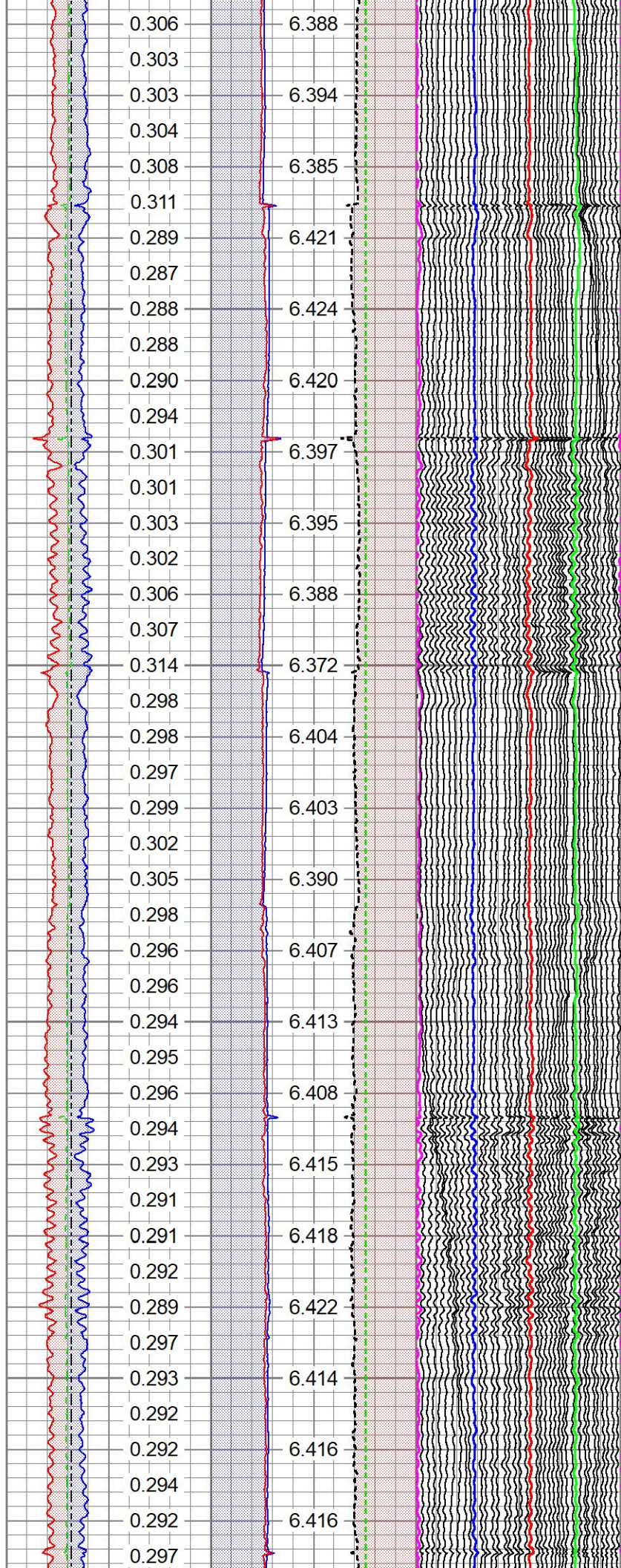
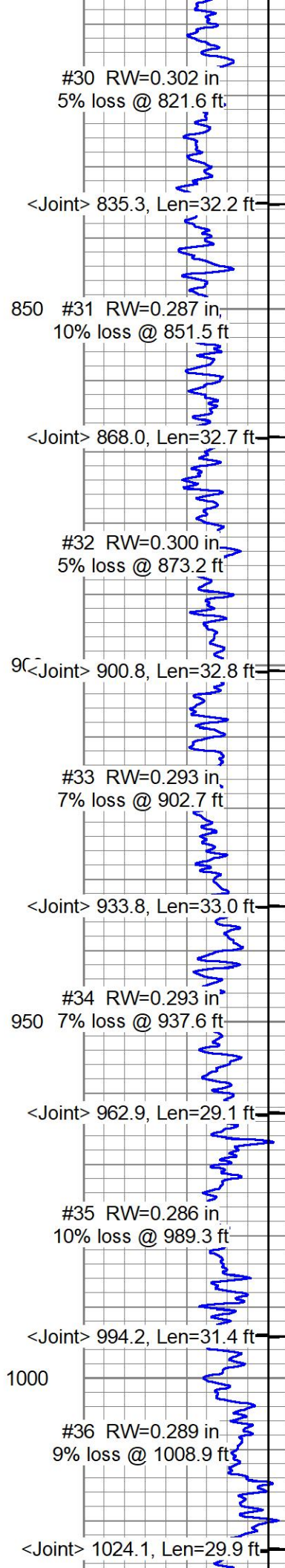
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Maximum ID			1.25	R20 (in)	3.75
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7.5	Nominal ID (in)	6			
IDAV (in)					

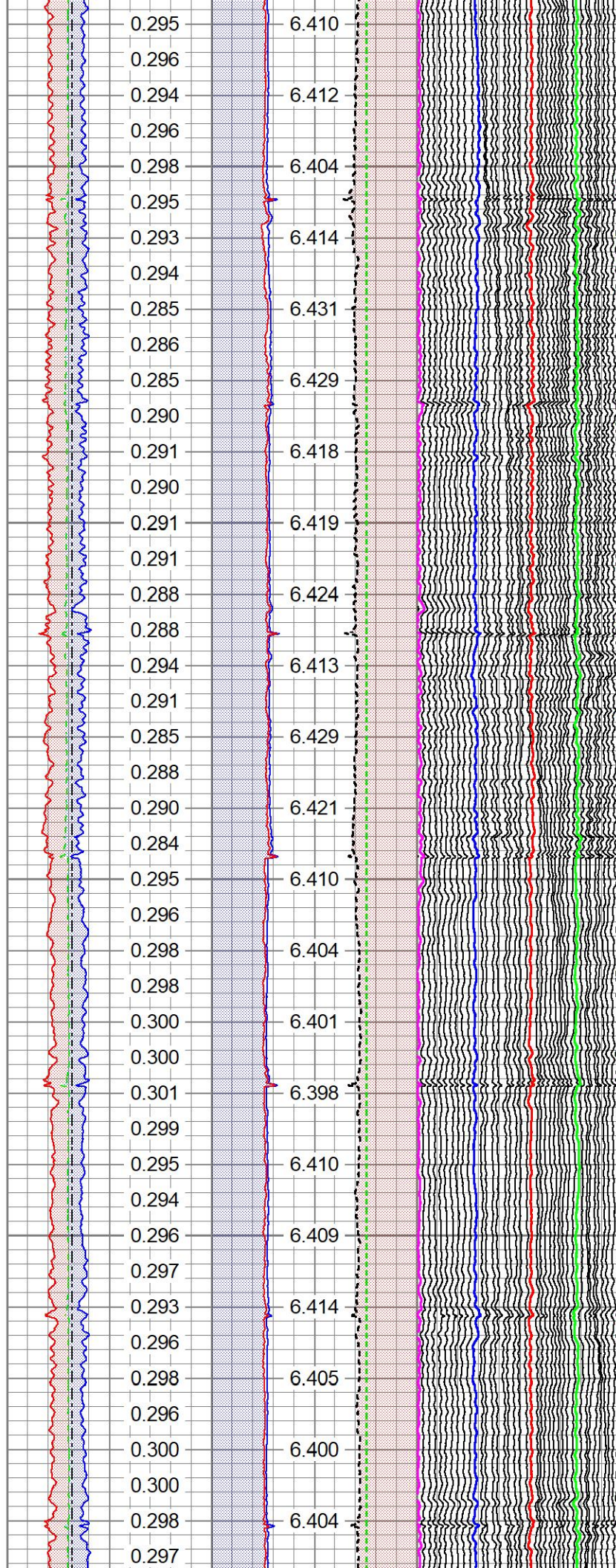
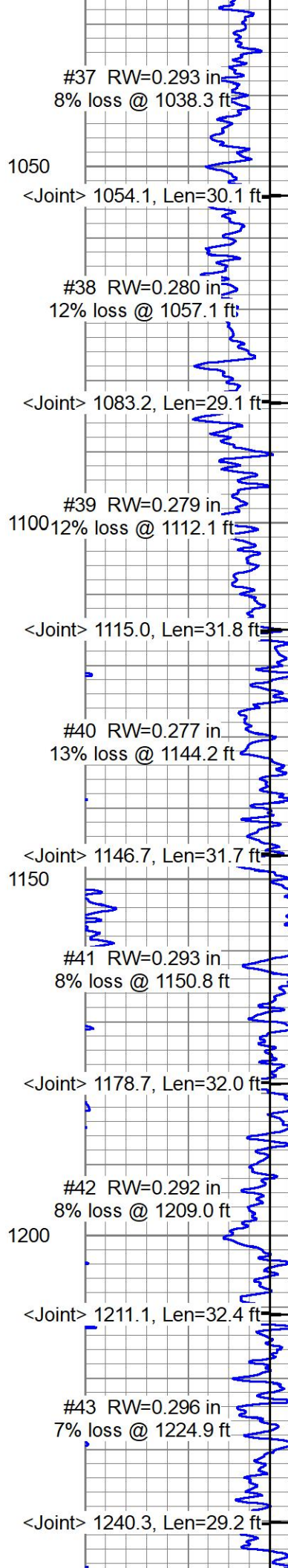


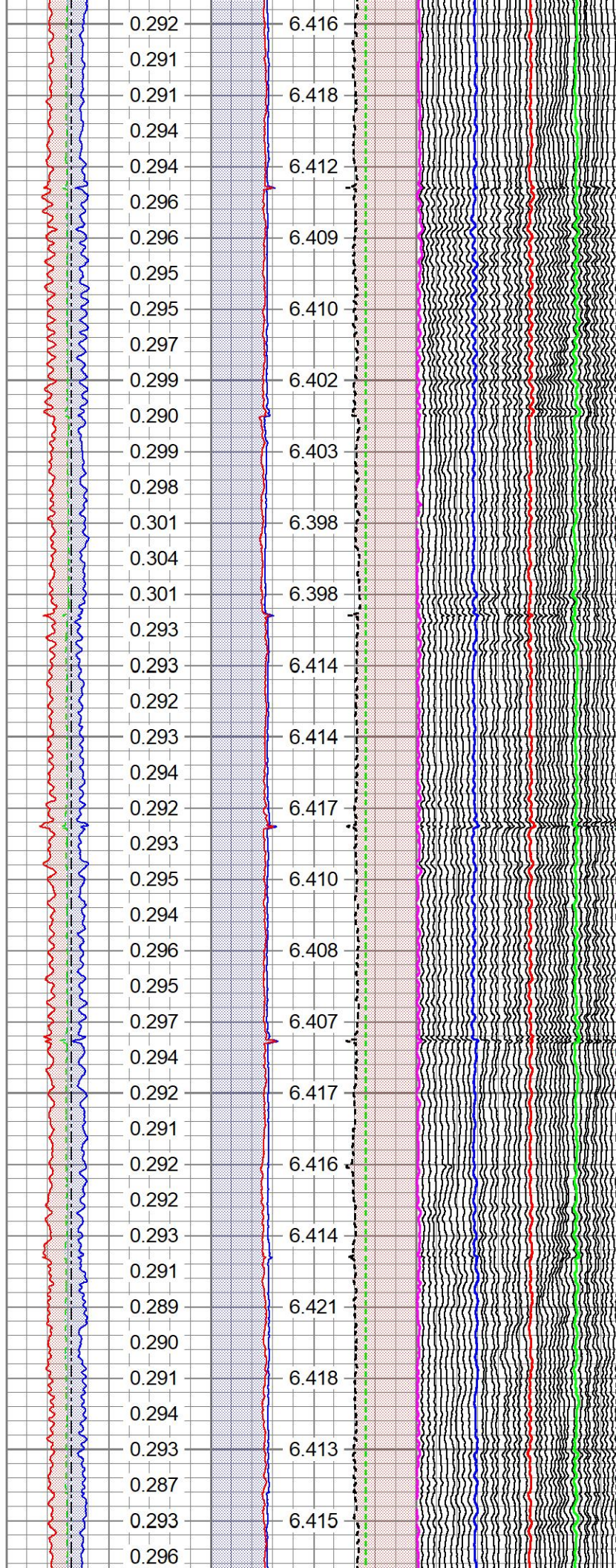
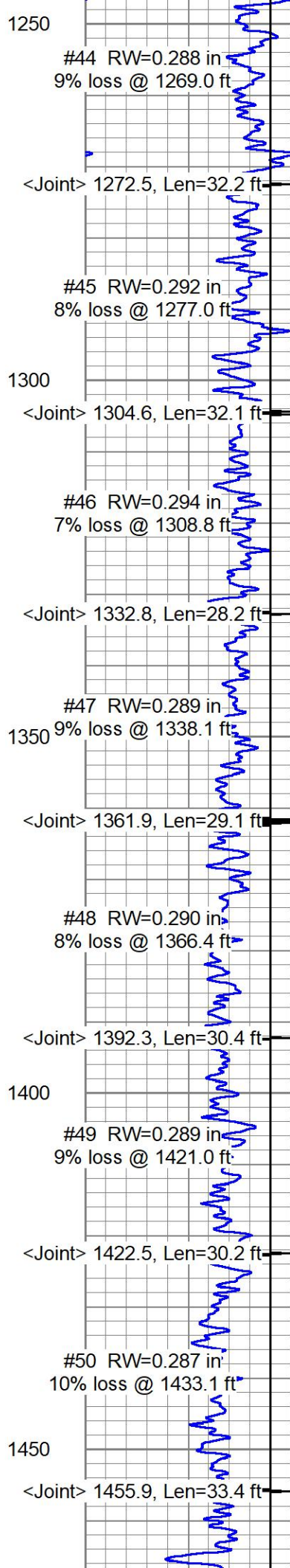


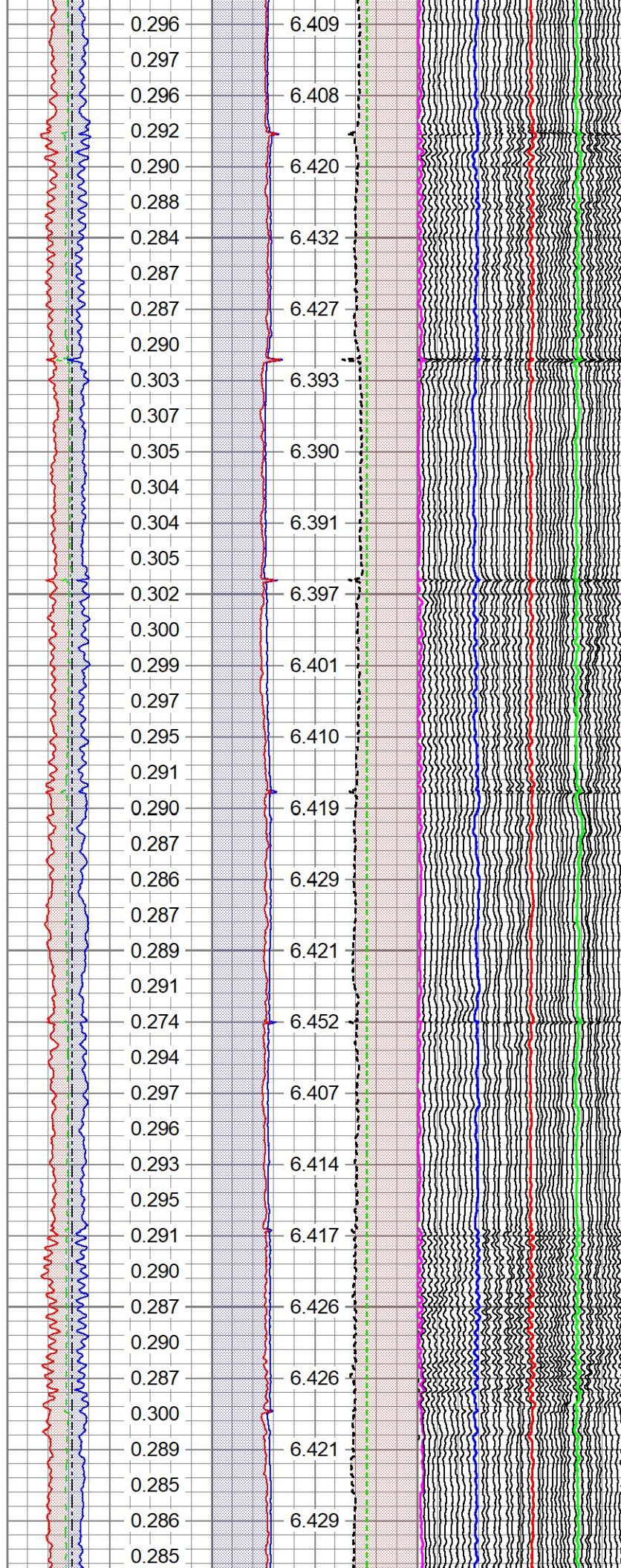
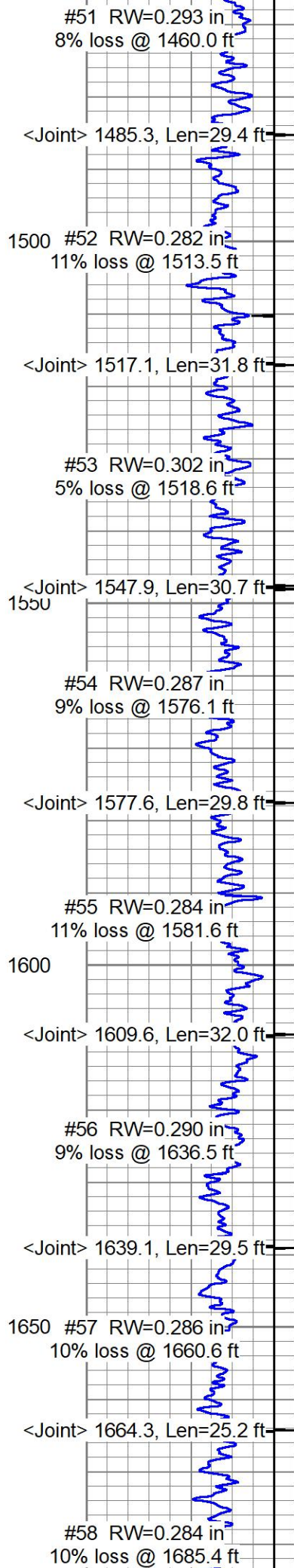


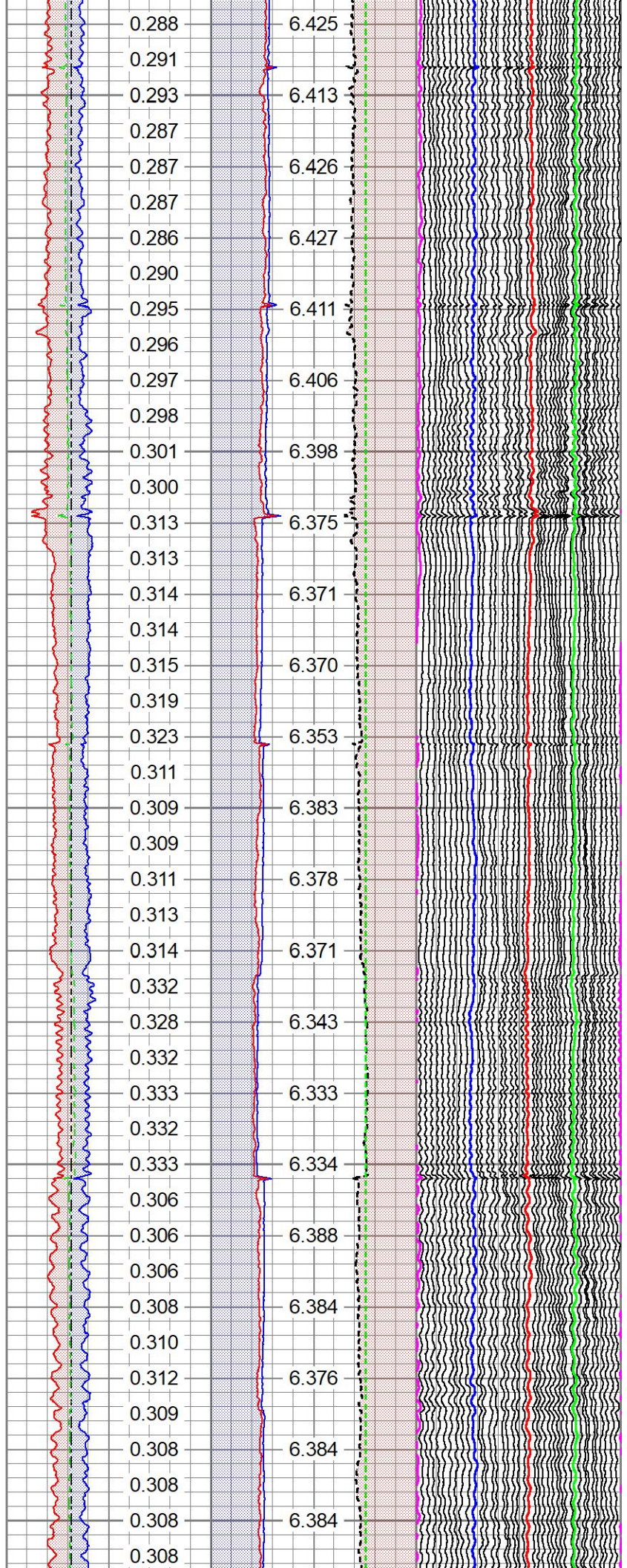
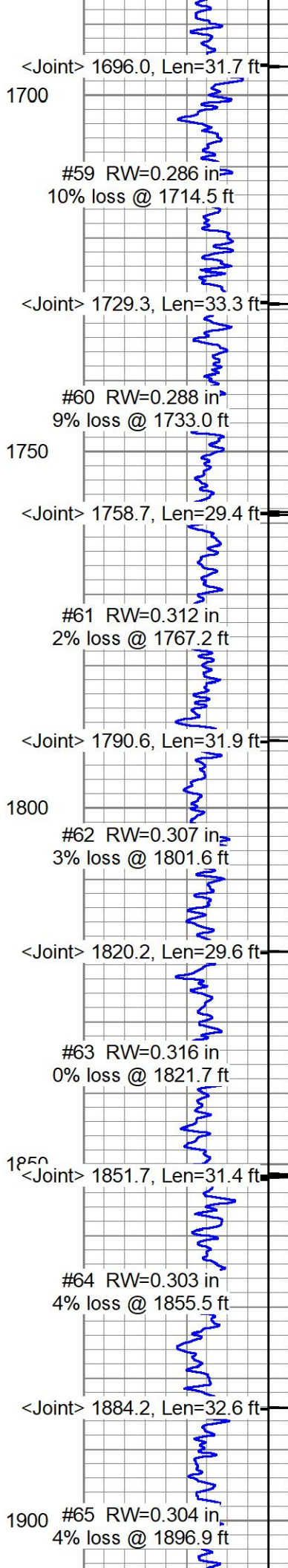


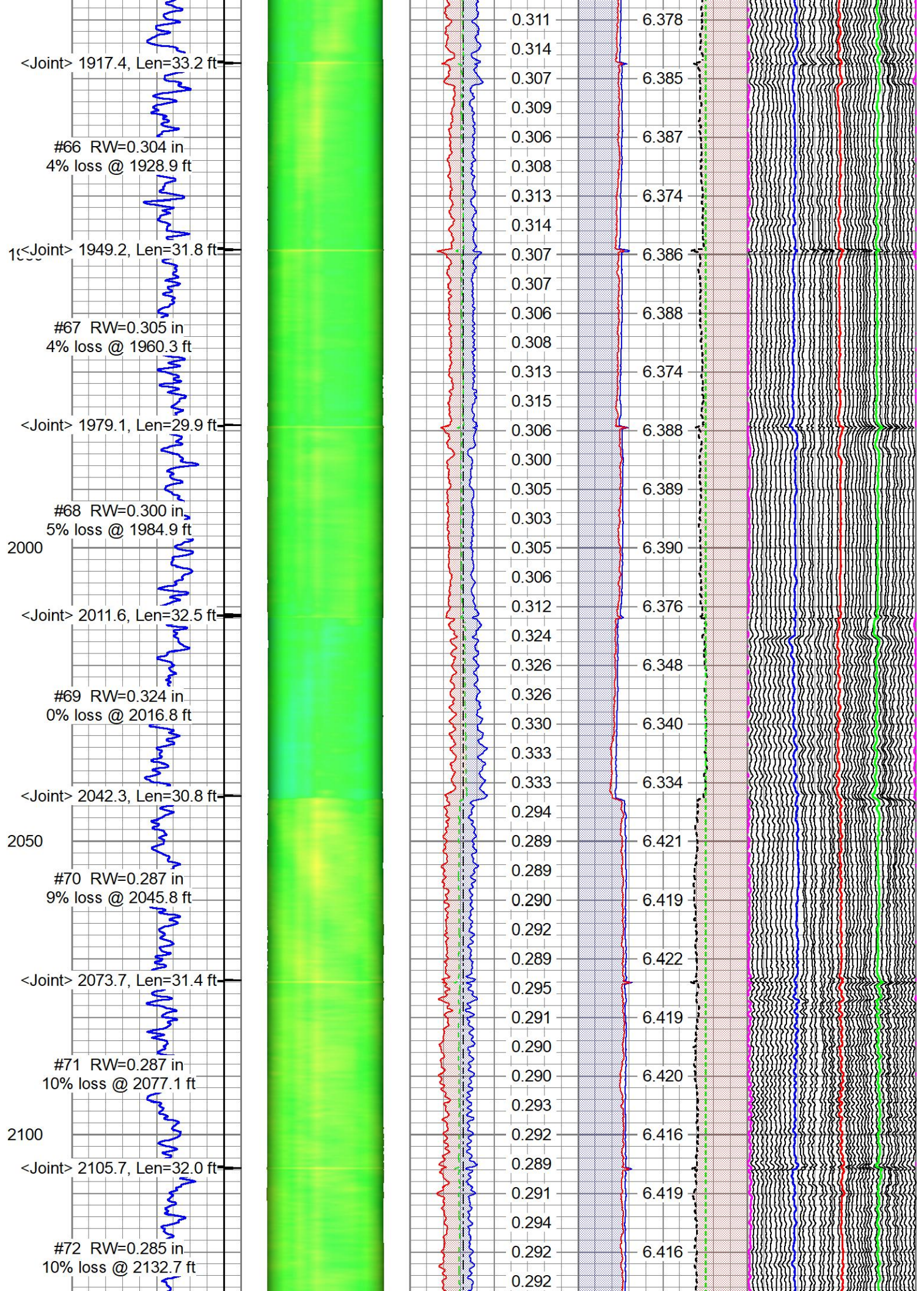


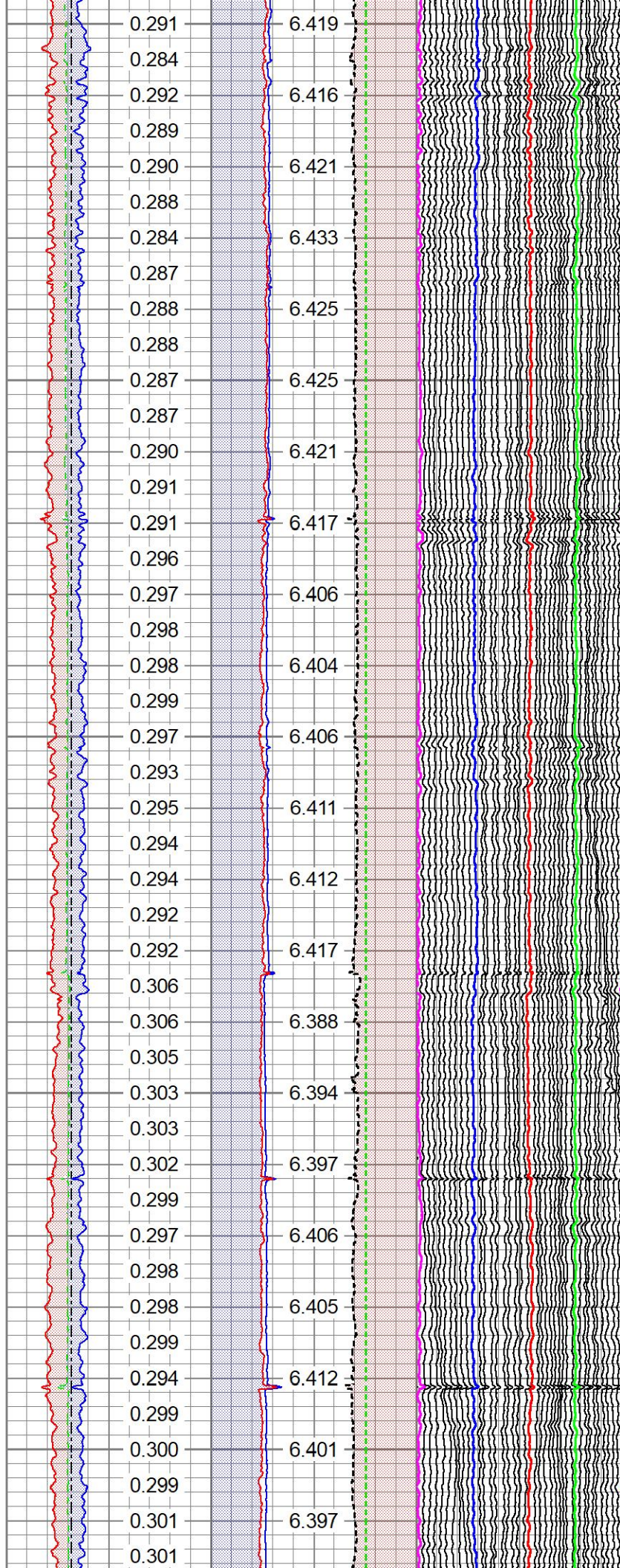
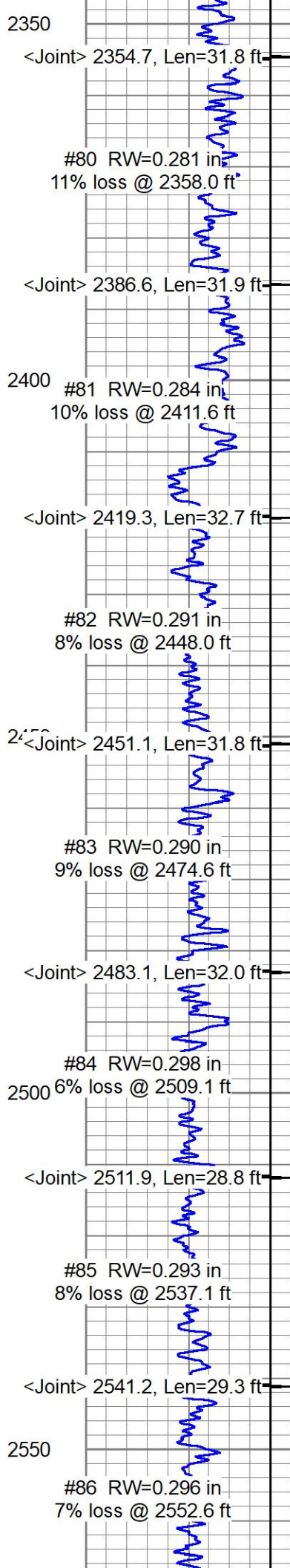


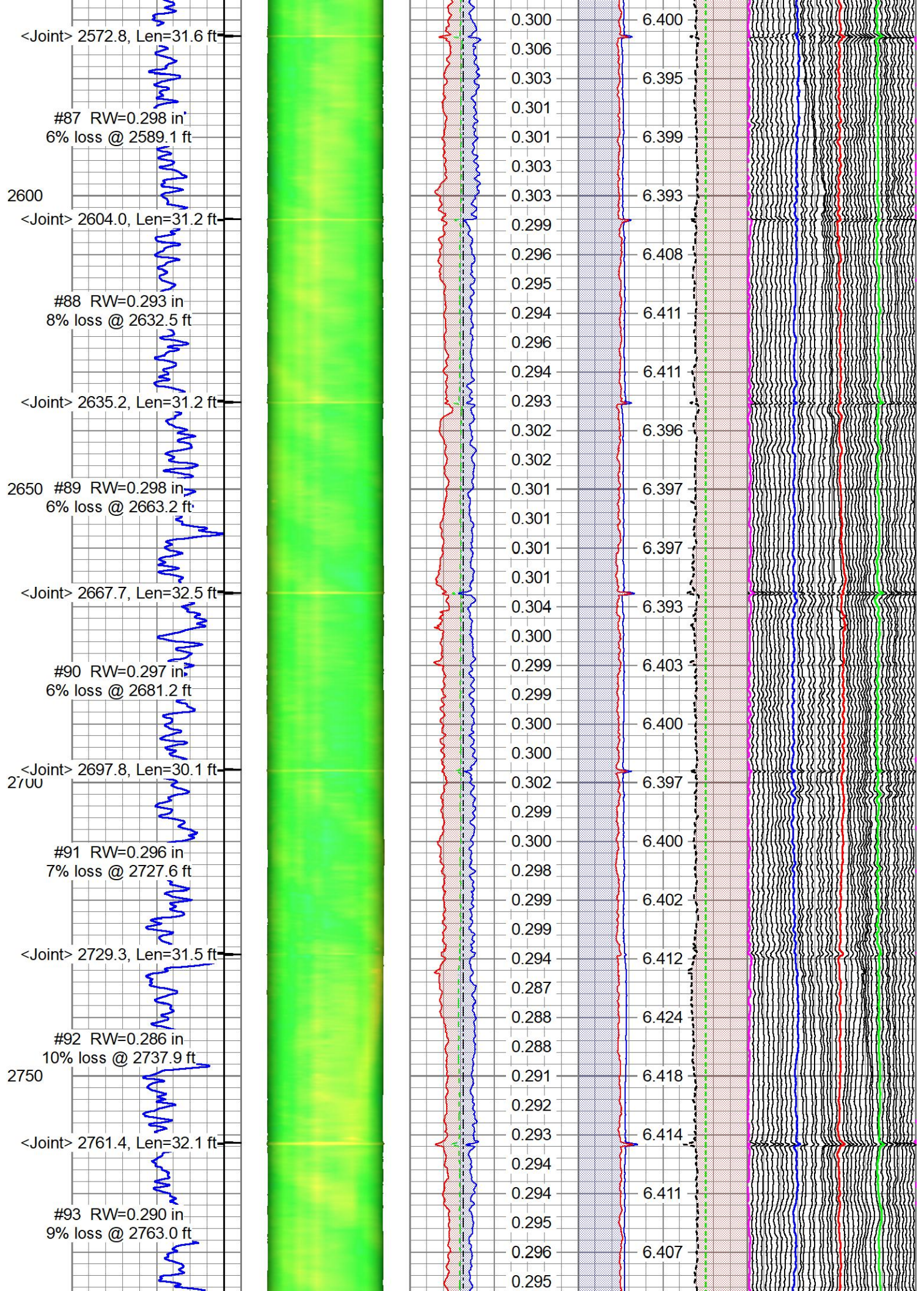


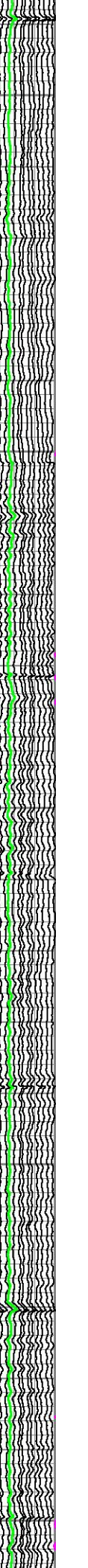
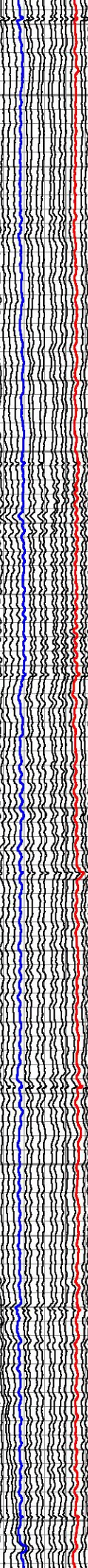
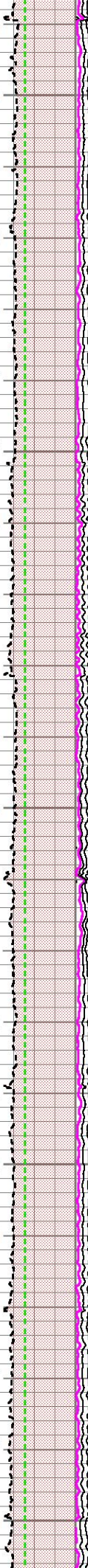
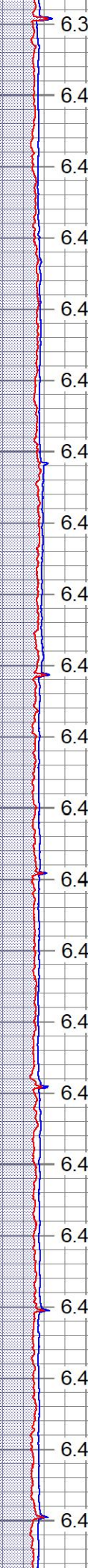
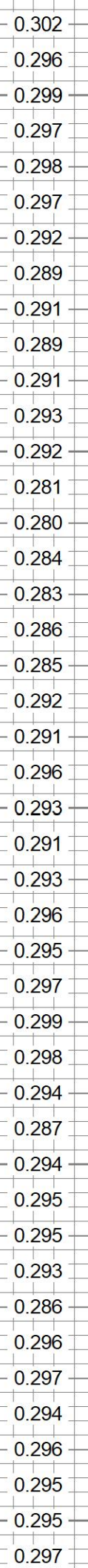
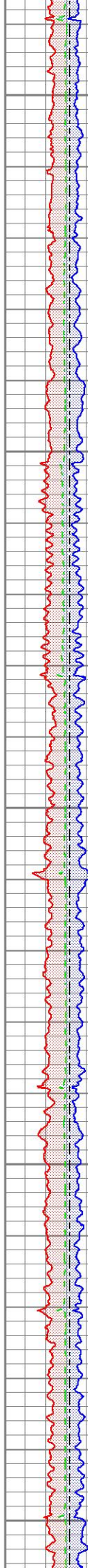
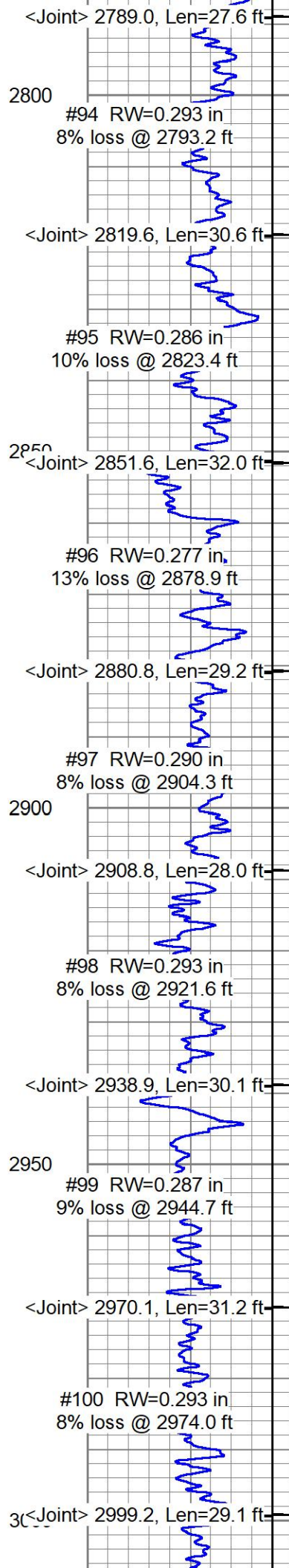


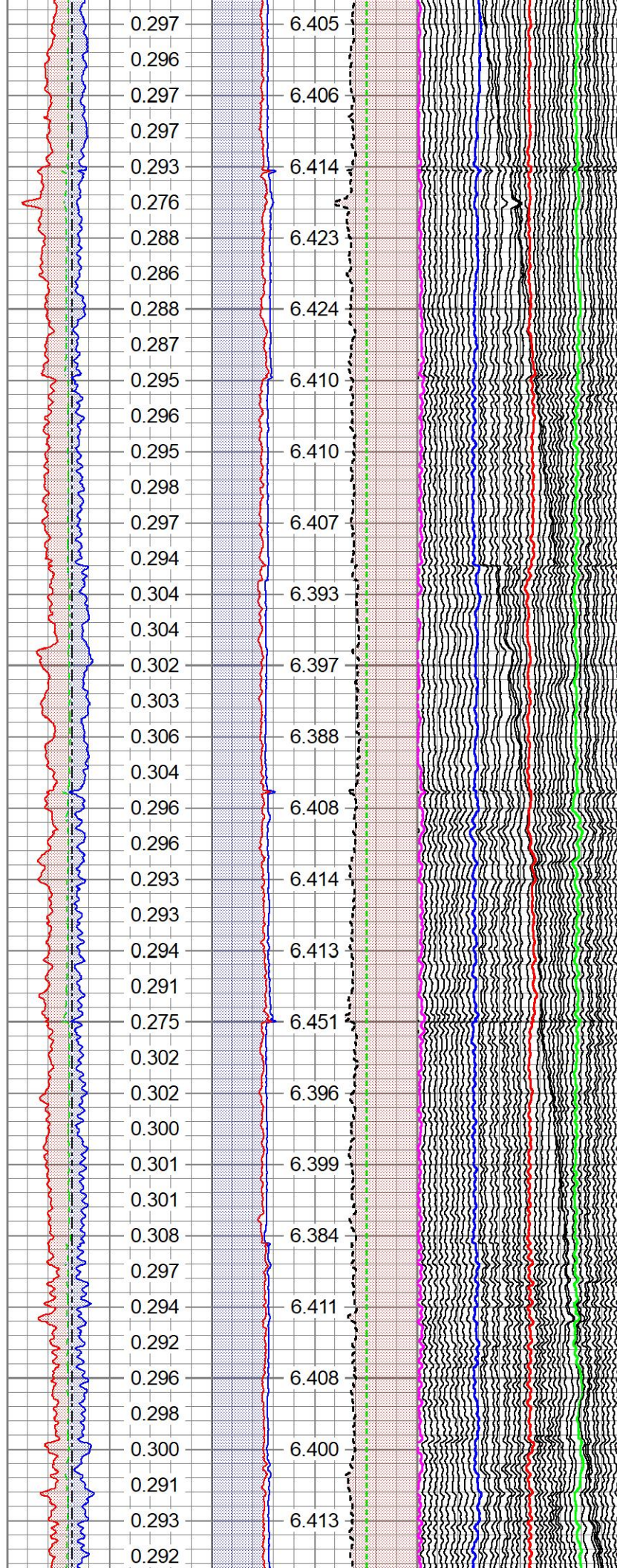
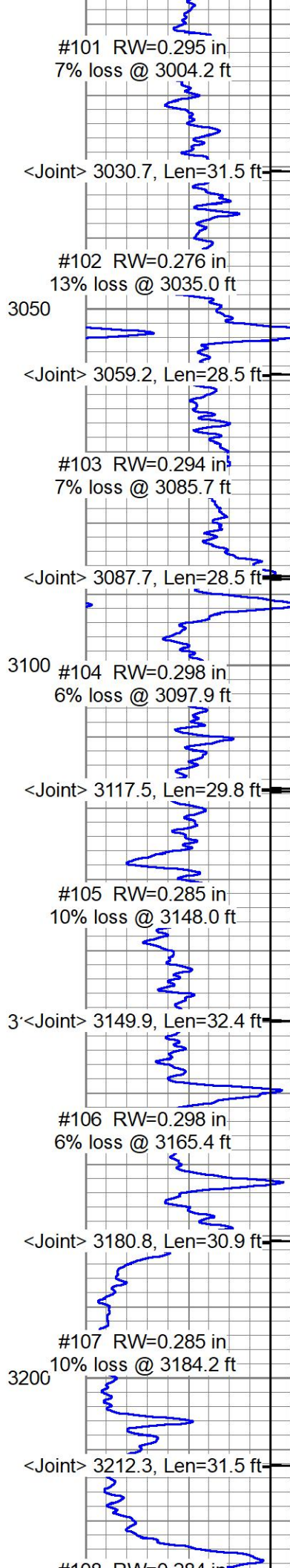


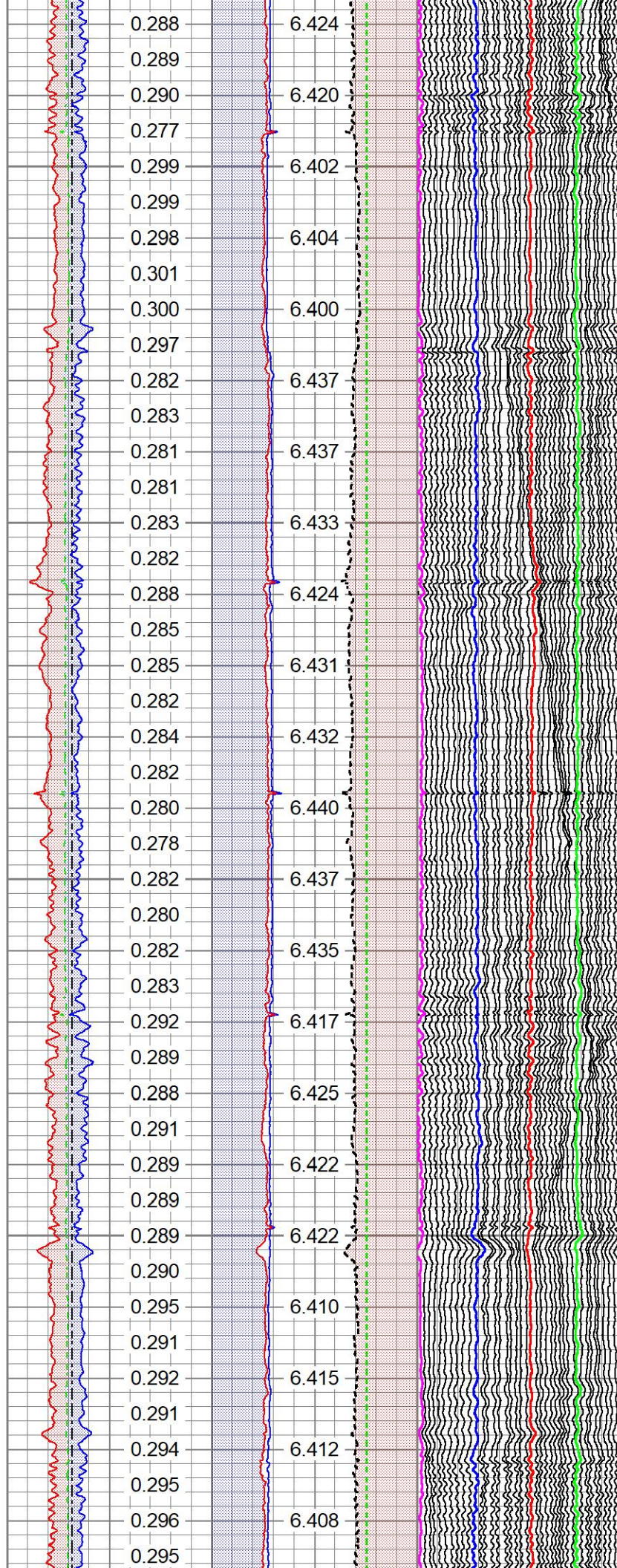
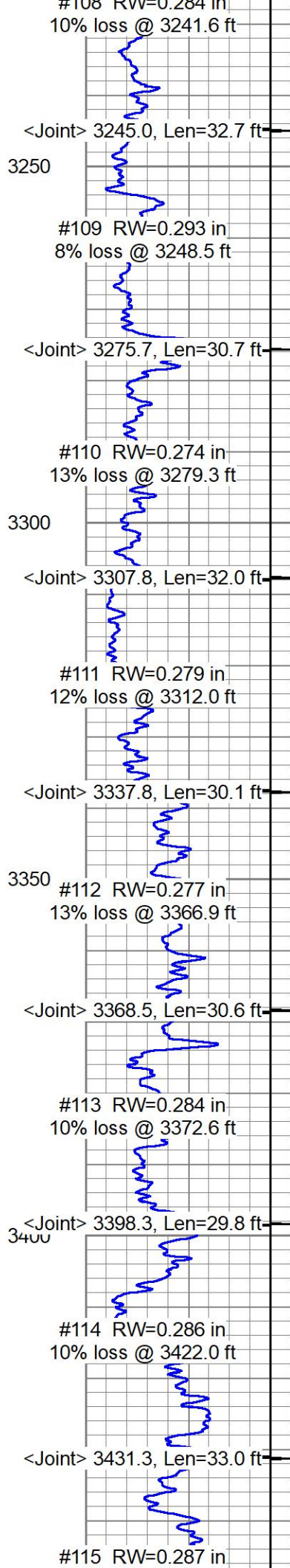


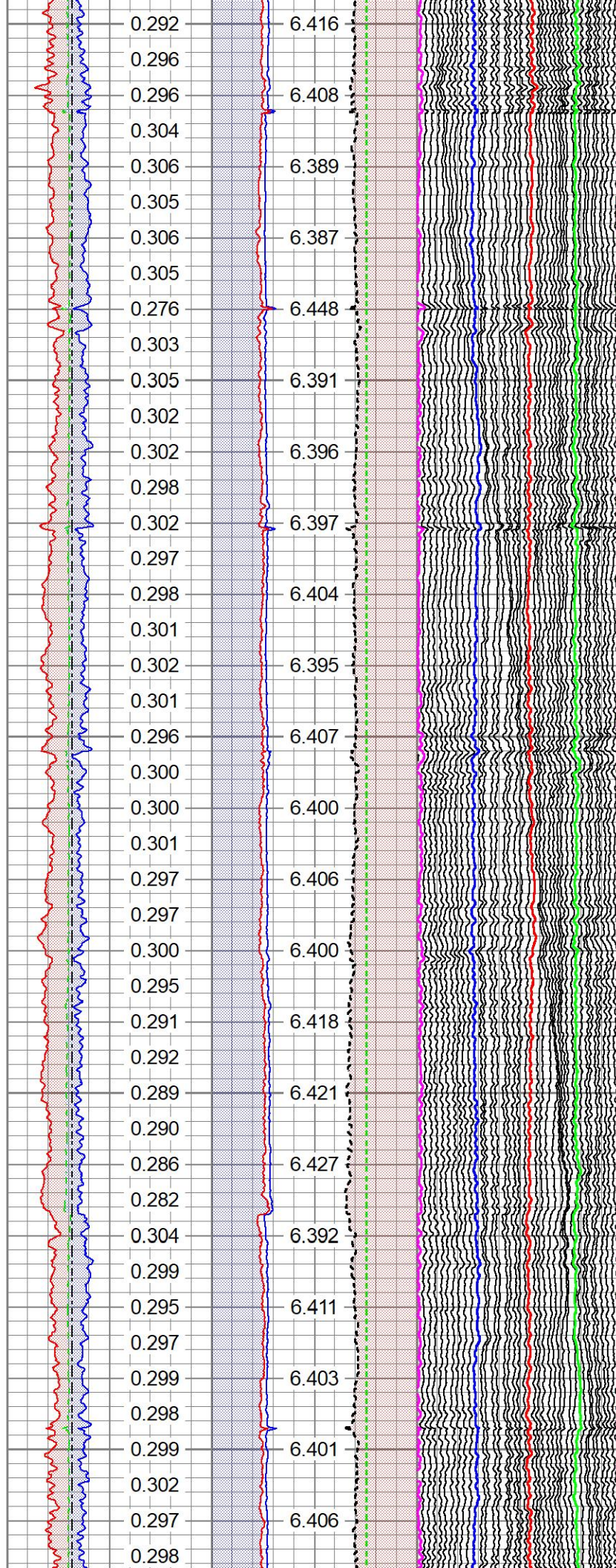
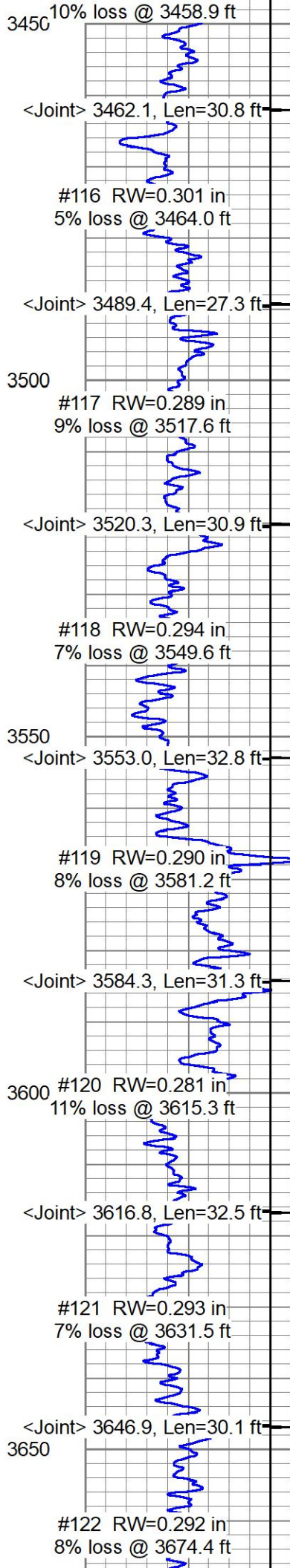


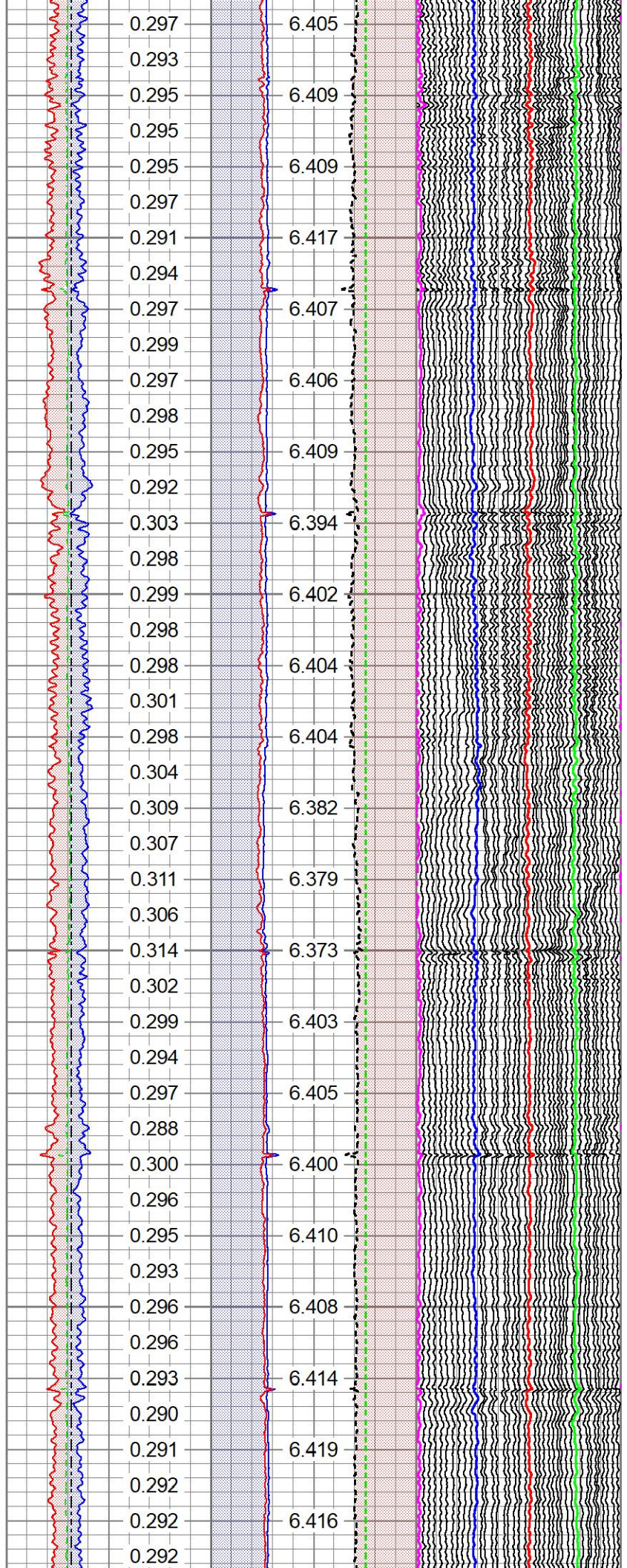
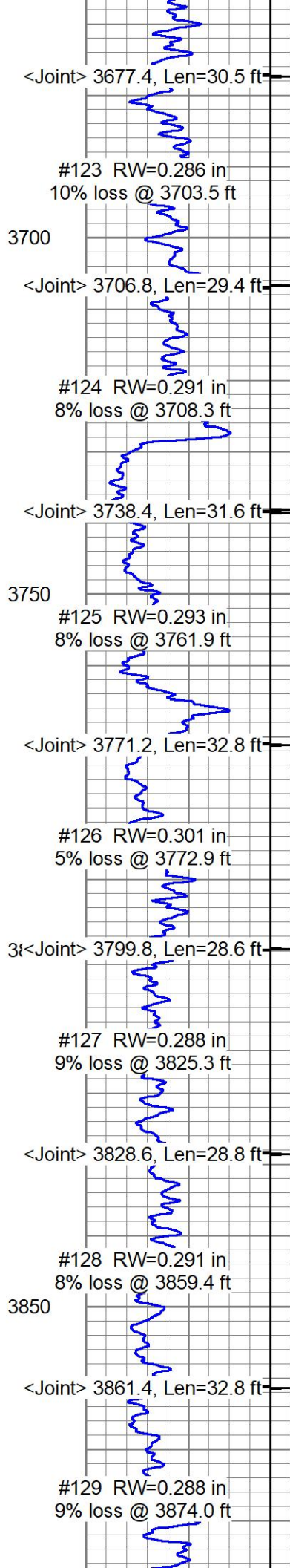


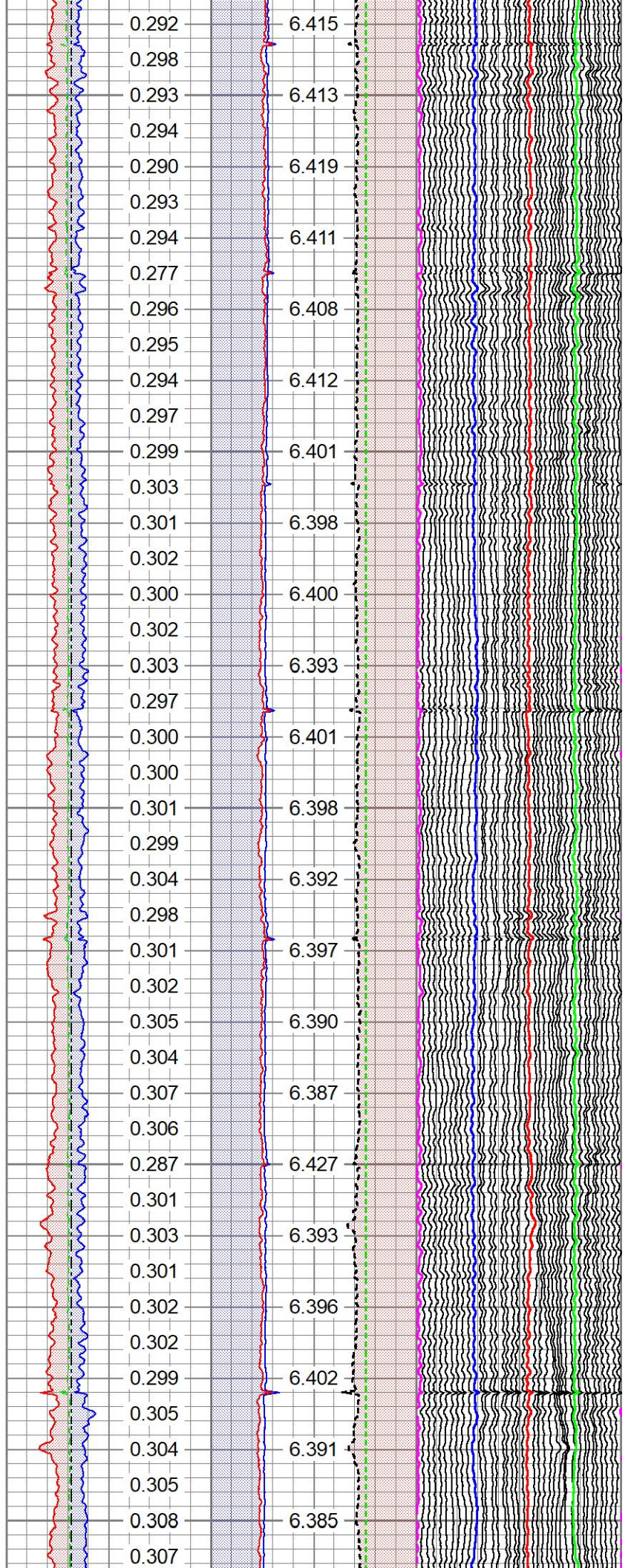
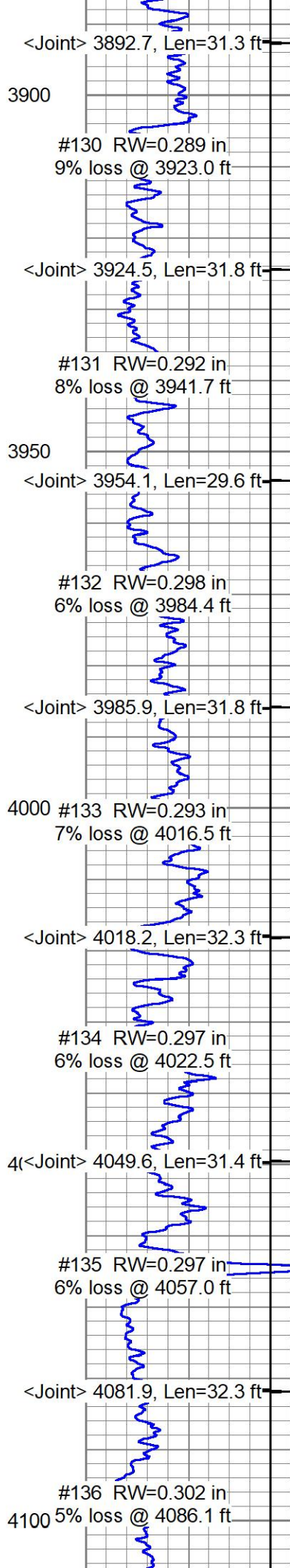


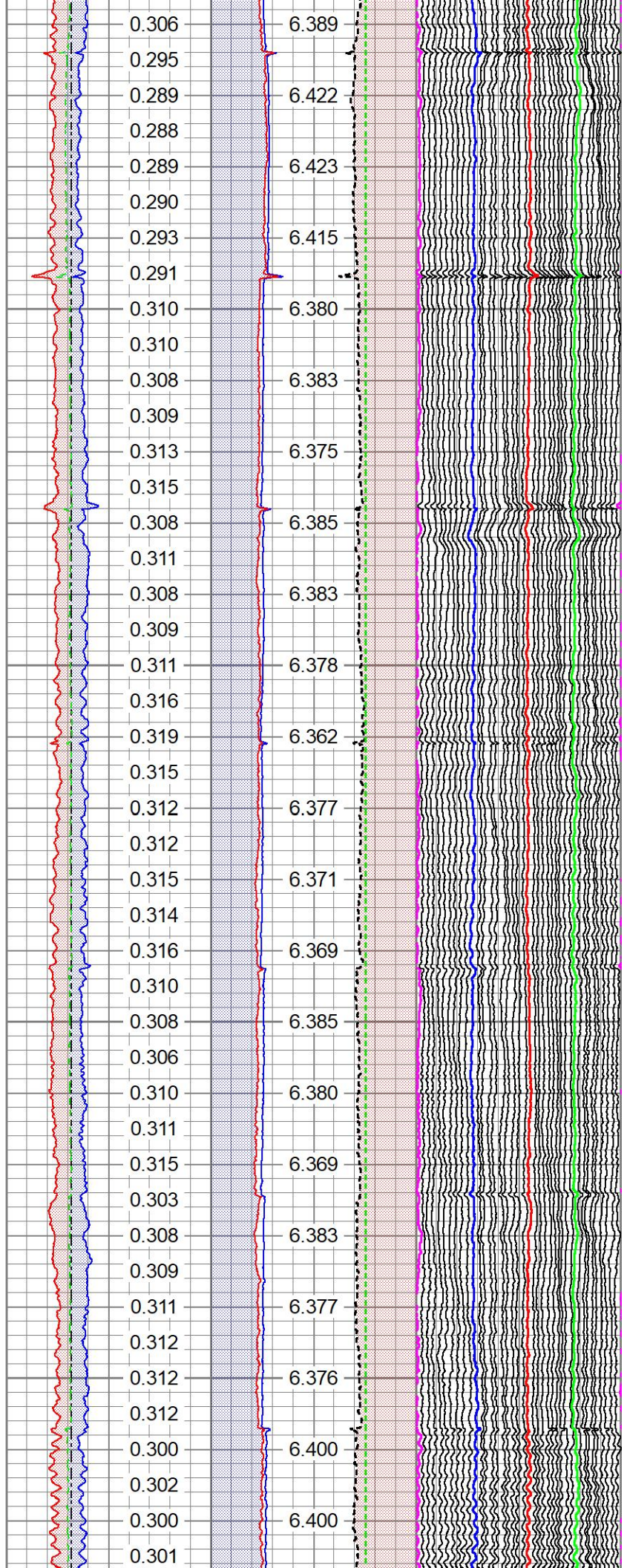
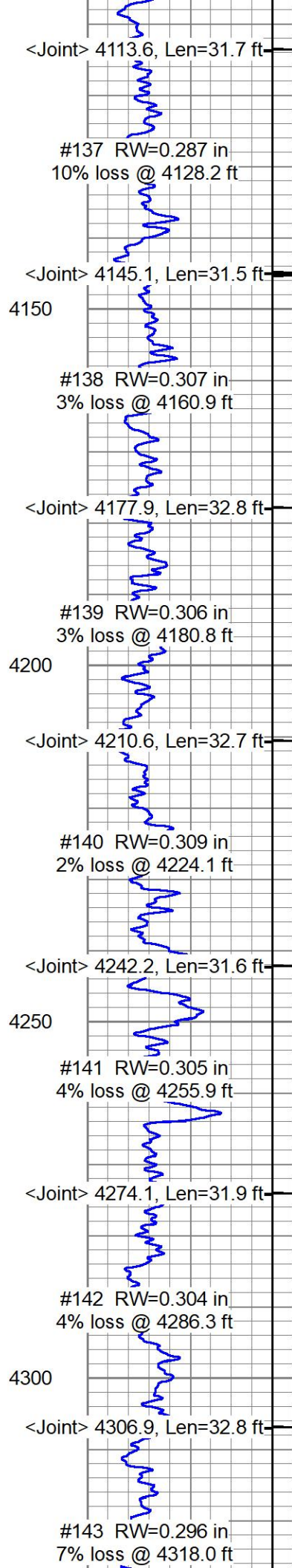


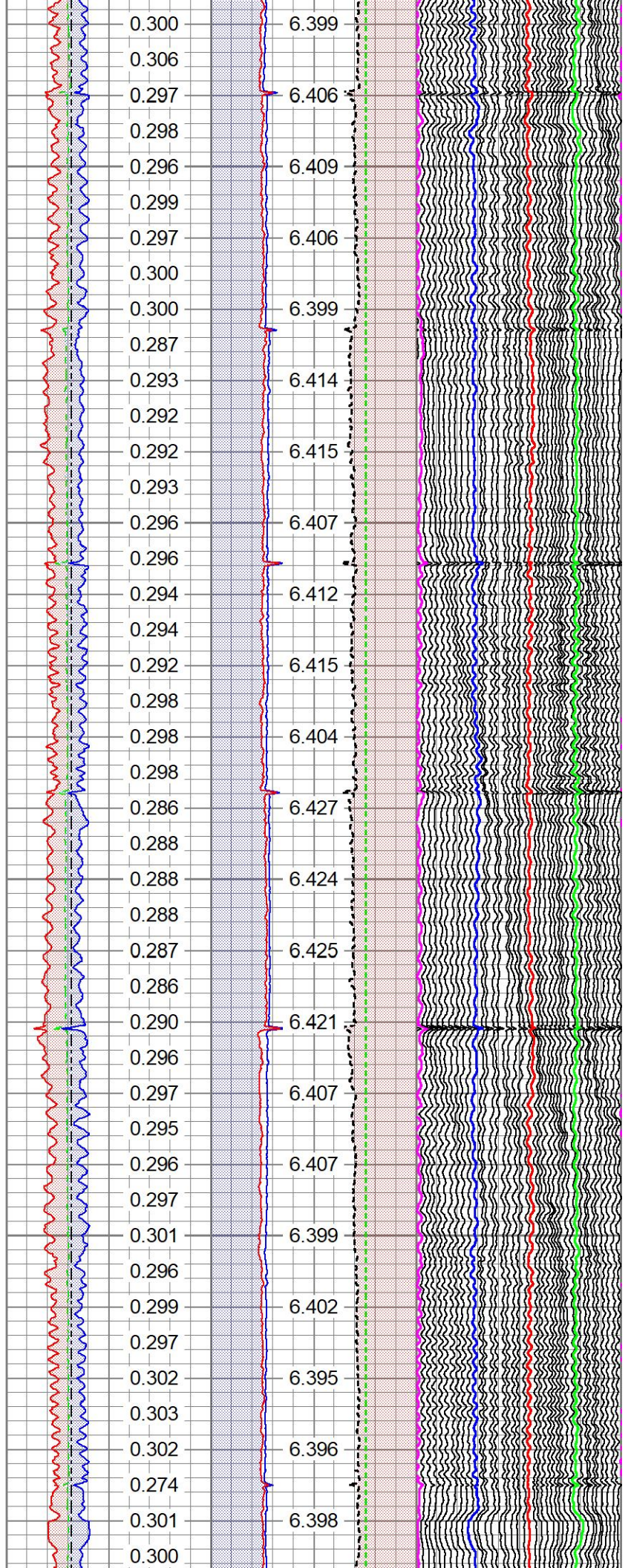
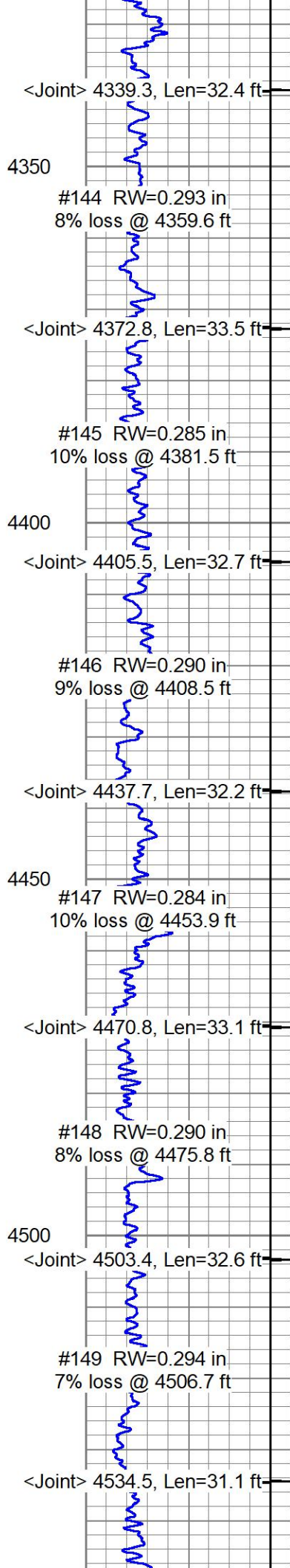


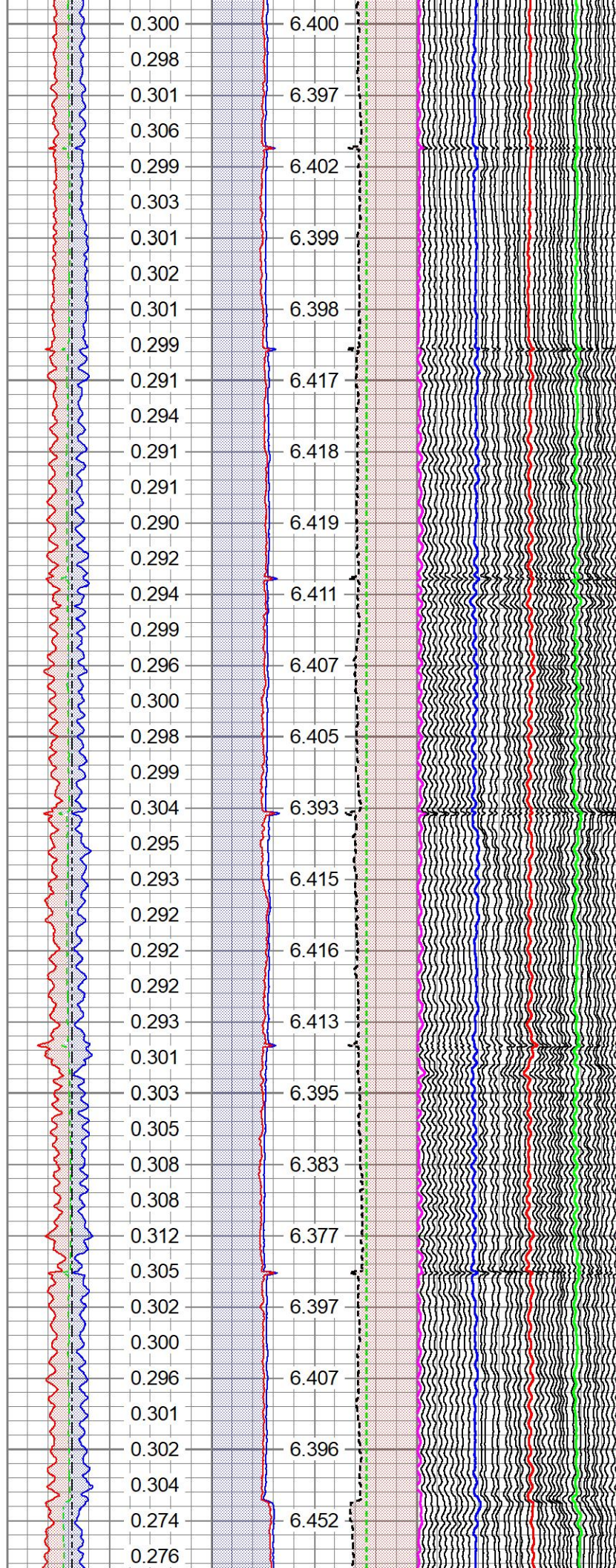
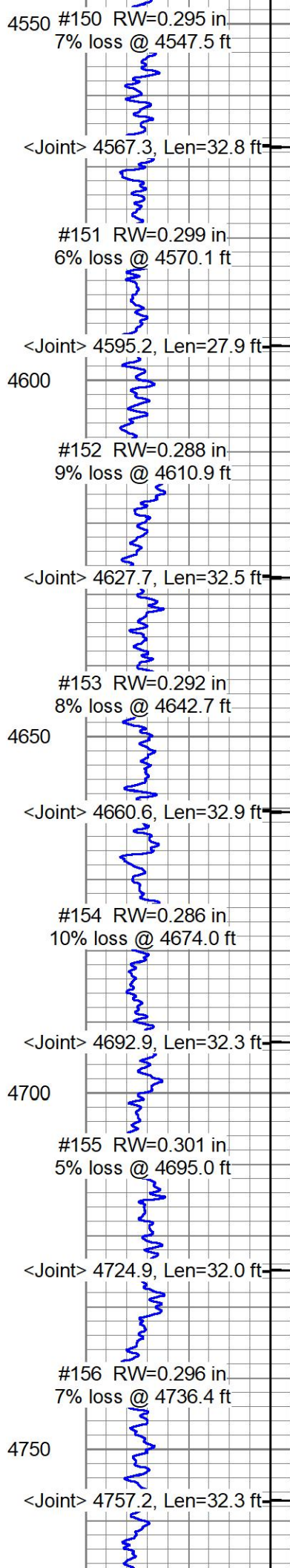


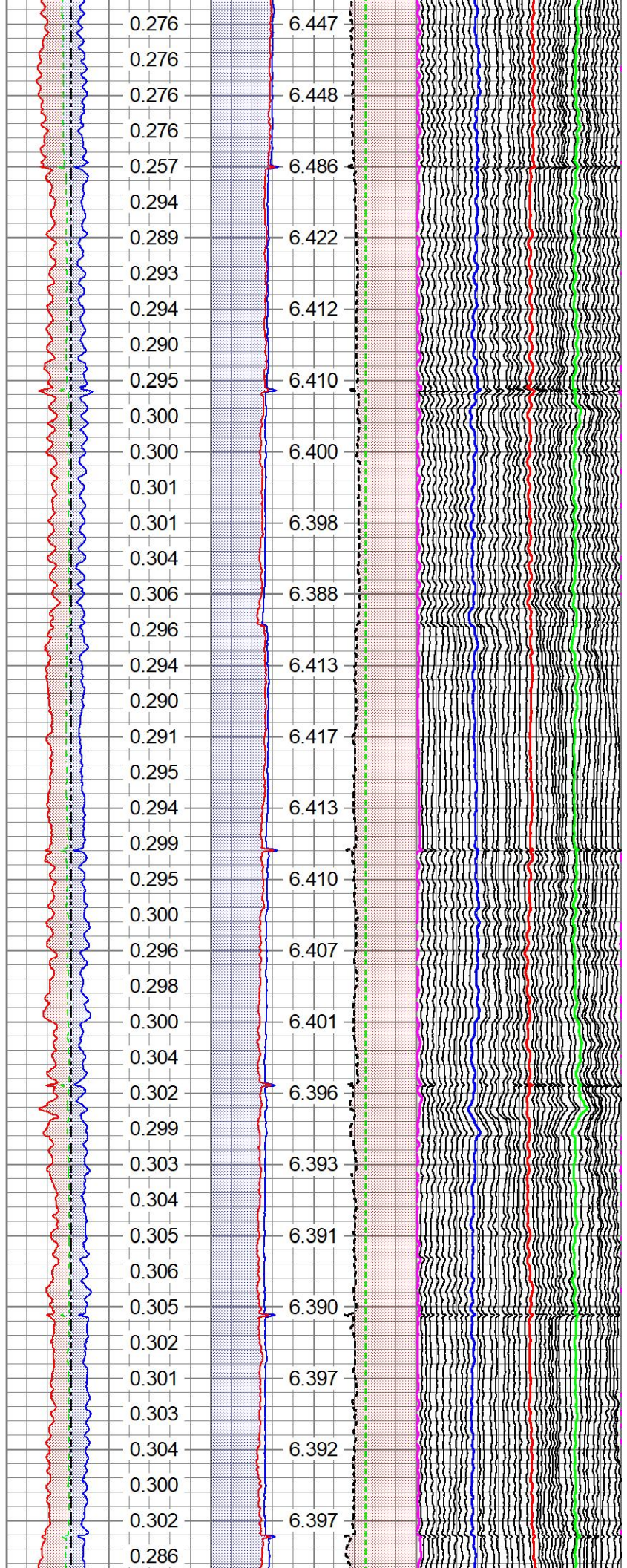
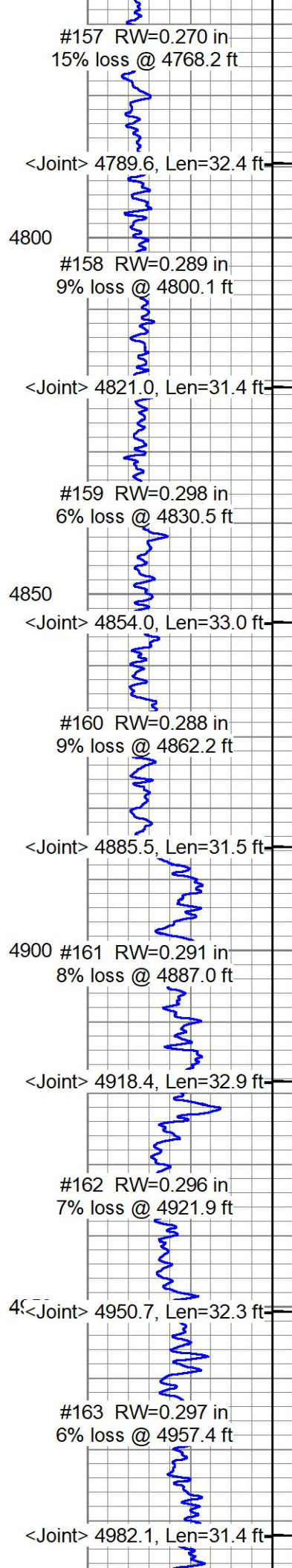












#164 RW=0.280 in
500C12% loss @ 4989.1 ft

<Joint> 5014.3, Len=32.2 ft

#165 RW=0.276 in
13% loss @ 5038.1 ft

<Joint> 5045.2, Len=30.9 ft

5050

#166 RW=0.296 in
6% loss @ 5052.4 ft

<Joint> 5077.1, Len=31.9 ft

#167 RW=0.292 in
8% loss @ 5083.1 ft

5100

<Joint> 5109.0, Len=31.9 ft

#168 RW=0.291 in
8% loss @ 5114.8 ft

<Joint> 5141.2, Len=32.2 ft

5150

#169 RW=0.291 in
8% loss @ 5162.0 ft

<Joint> 5173.8, Len=32.6 ft

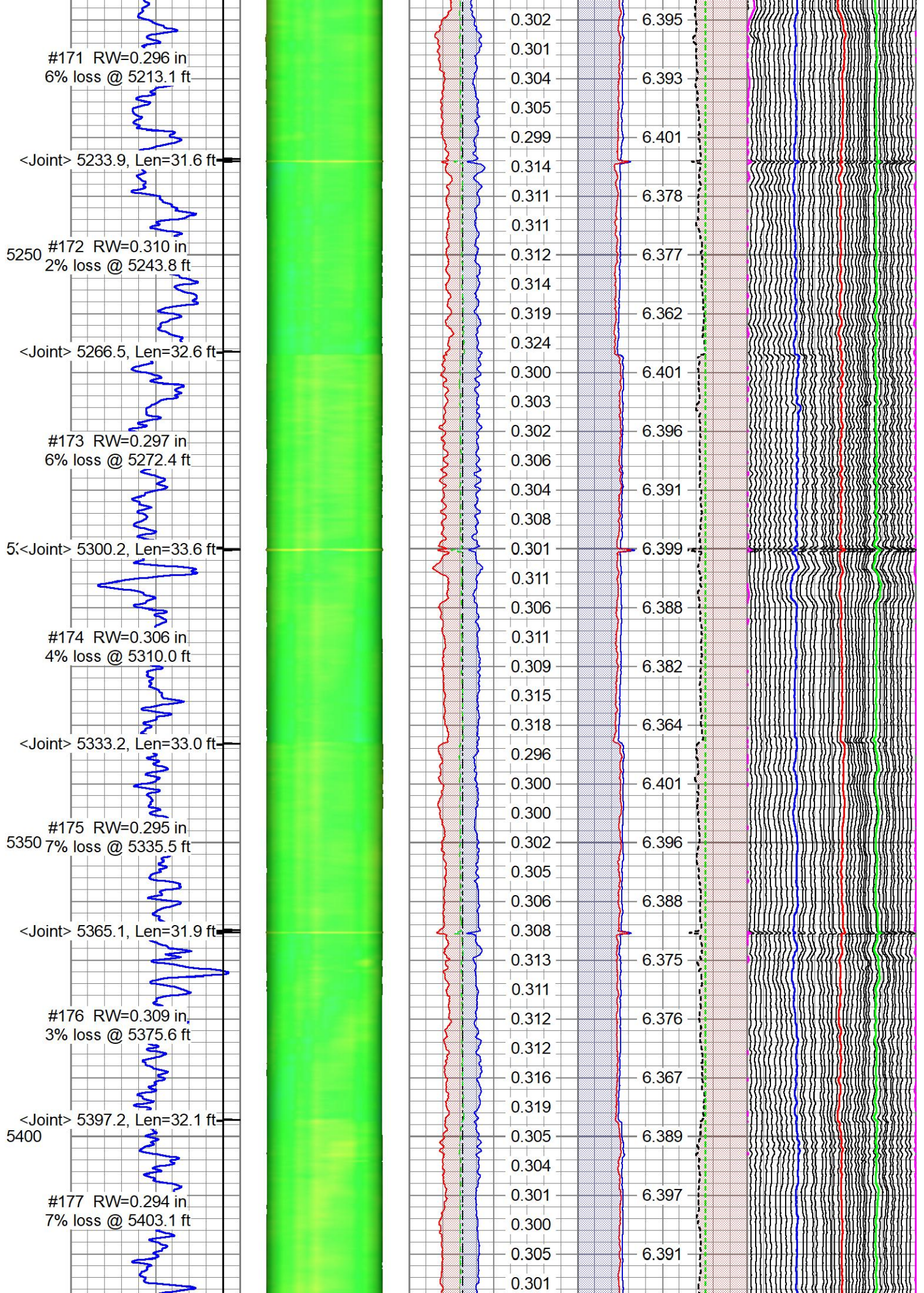
#170 RW=0.304 in
4% loss @ 5181.4 ft

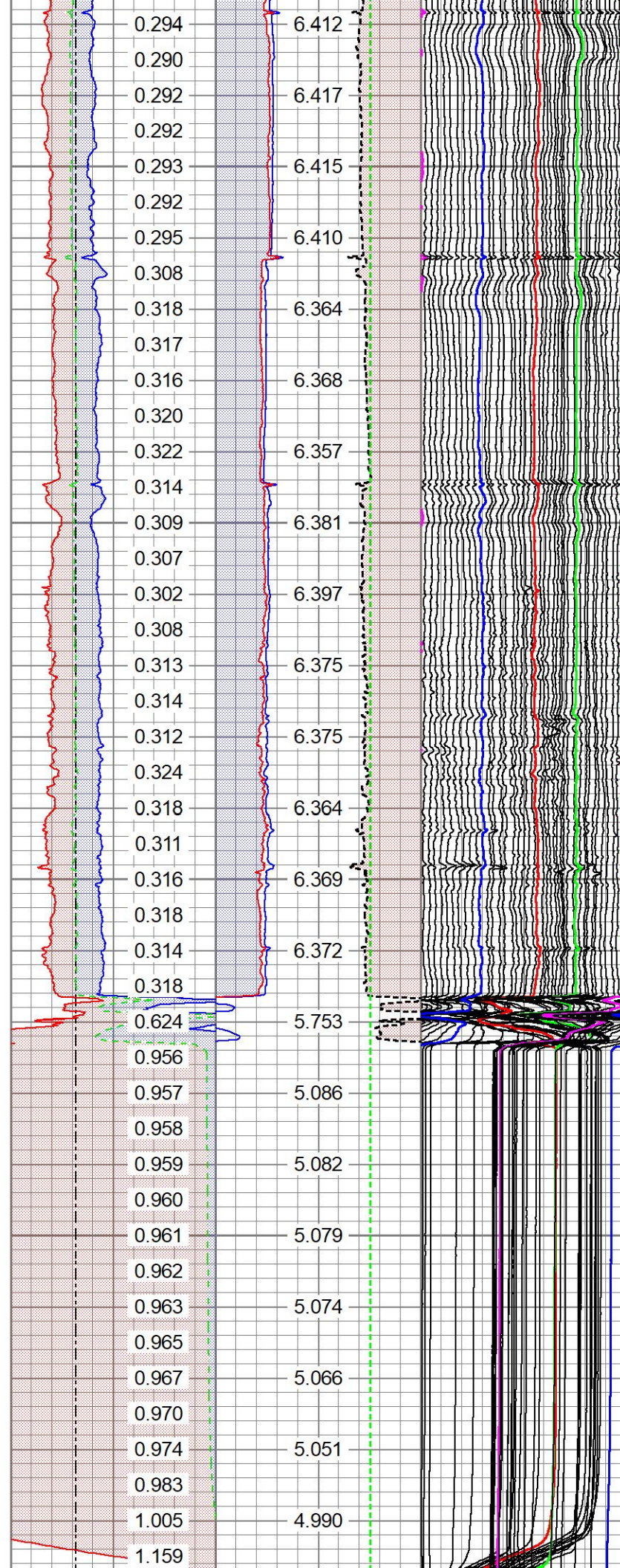
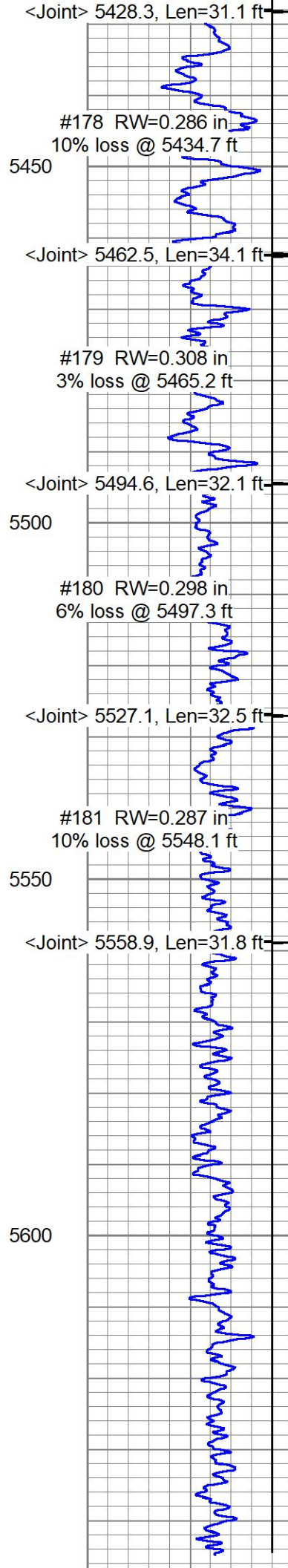
5200

<Joint> 5202.3, Len=28.5 ft

0.286
0.285
0.285
0.286
0.288
0.289
0.284
0.286
0.285
0.278
0.285
0.288
0.302
0.300
0.304
0.306
0.306
0.309
0.296
0.299
0.293
0.298
0.298
0.299
0.299
0.291
0.295
0.296
0.293
0.299
0.304
0.295
0.296
0.298
0.298
0.297
0.306
0.309
0.309
0.306
0.313
0.312
0.310
0.302

6.429
6.431
6.425
6.432
6.431
6.429
6.396
6.391
6.388
6.408
6.414
6.405
6.403
6.409
6.414
6.392
6.408
6.403
6.388
6.381
6.375
6.380





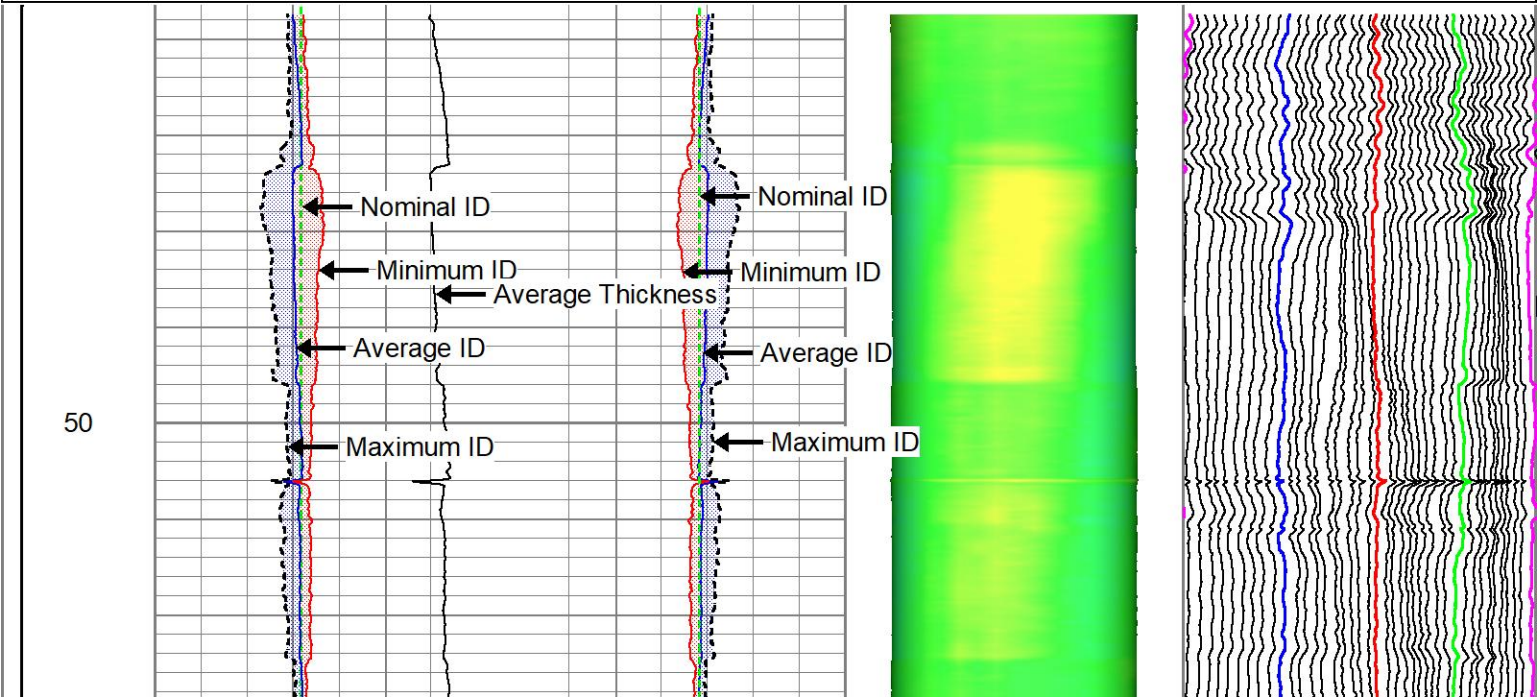
5650					2.332		2.336		
	Gamma Ray	0	IMGMAPC (in)	100	Nominal Thickness	6	Average ID (in)	7.5	1.875 R10 (in) 4.375
	0 (GAPI) 150				0 (in) 1		Maximum ID		1.25 R20 (in) 3.75
	-9 CCL 1				Minimum Thickness	7.5 (in) 6			0.625 R30 (in) 3.125
	PTANN				0 (in) 1	6	Minimum ID (in)	7.5	0 R40 (in) 2.5
					Maximum Thickness	7.5	Nominal ID (in)	6	
					0 (in) 1		IDAV (in)		
					Average Thickness				
					0 (in) 1				
					AVTK (in)				

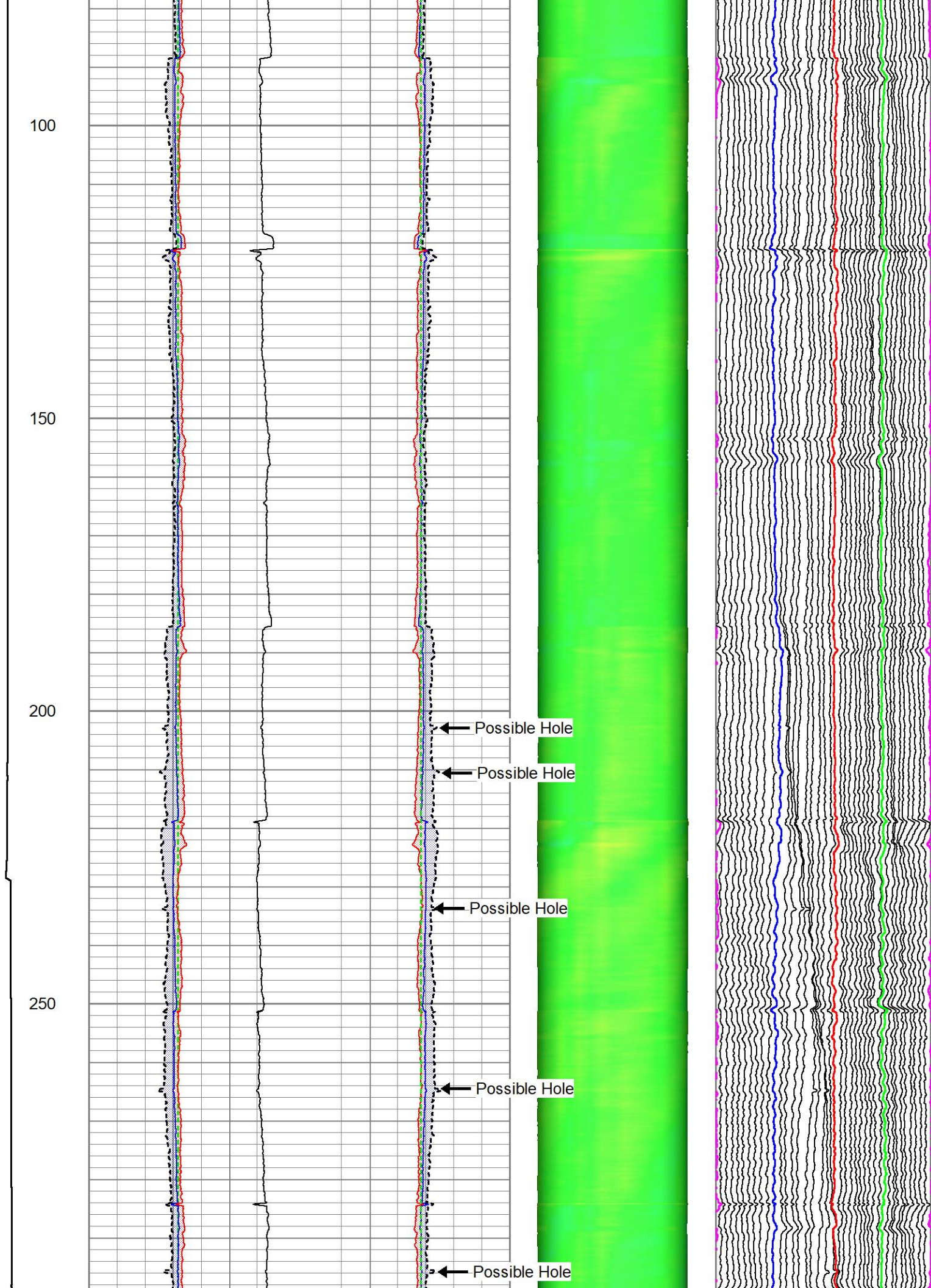


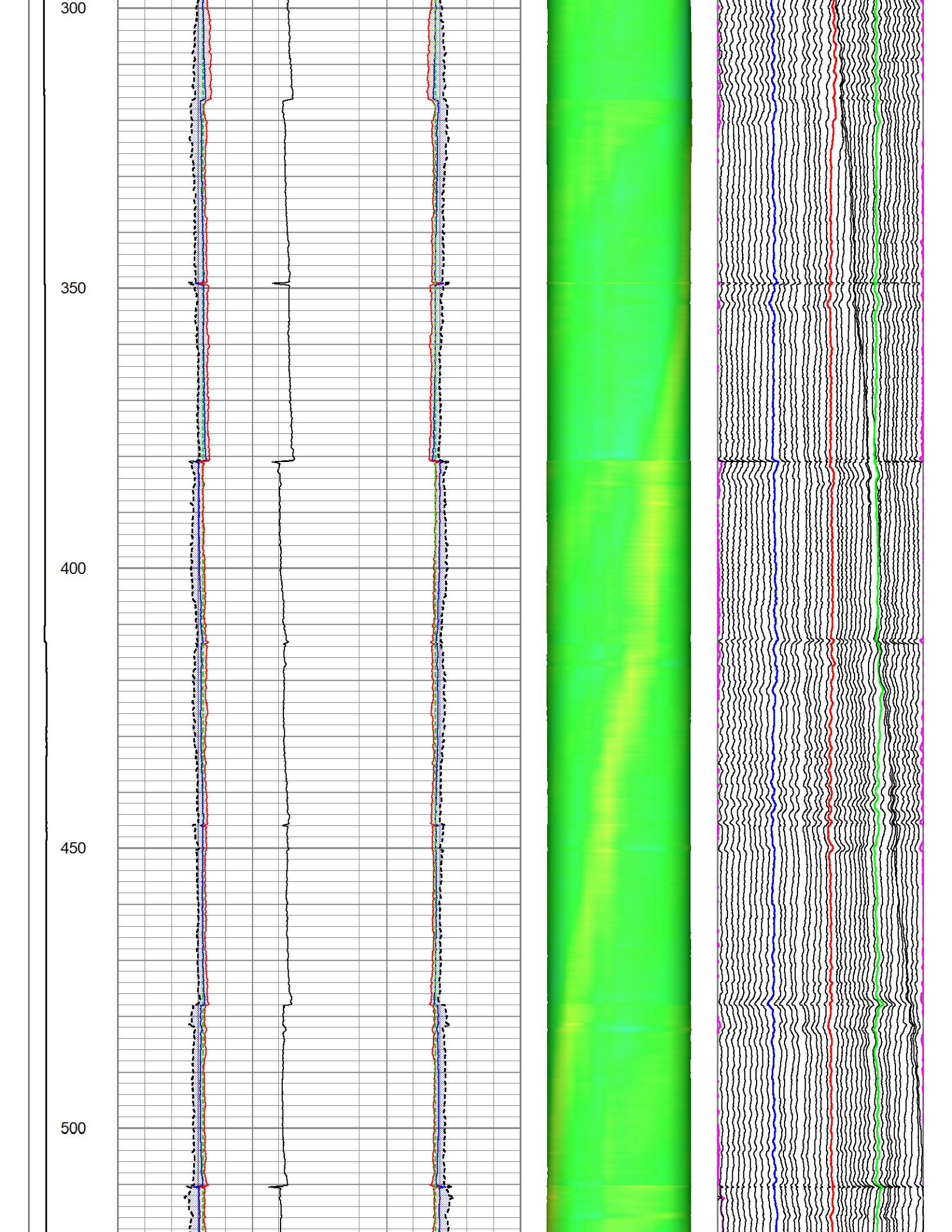
Main Pass 5" =100'

Database File	chevron_fee51_mac8.db
Dataset Pathname	merge3.2
Presentation Format	8cm5c7
Dataset Creation	Tue Apr 03 15:15:09 2018
Charted by	Depth in Feet scaled 1:240

LTEN	0	Average Thickness (in)	0.75	0.1	IMGMAPC (in)	0.6	1.875	R10 (in)	4.375
0 (lb 1500)		Nominal ID					1.25	R20 (in)	3.75
	7 (in) 6		Average ID				0.625	R30 (in)	3.125
	Average ID		Maximum ID				0	R40 (in)	2.5
	7 (in) 6		6 (in) 7						
	Minimum ID		Minimum ID						
	7 (in) 6		6 (in) 7						
	Maximum ID		Nominal ID						
	7 (in) 6		6 (in) 7						





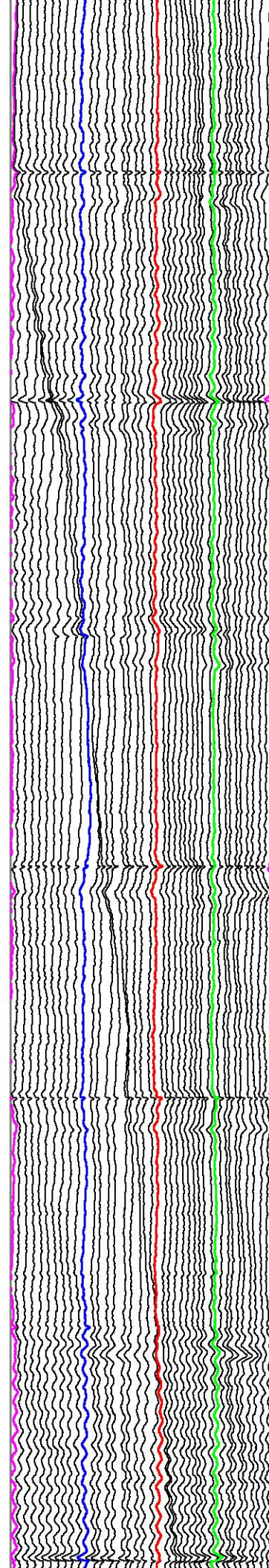
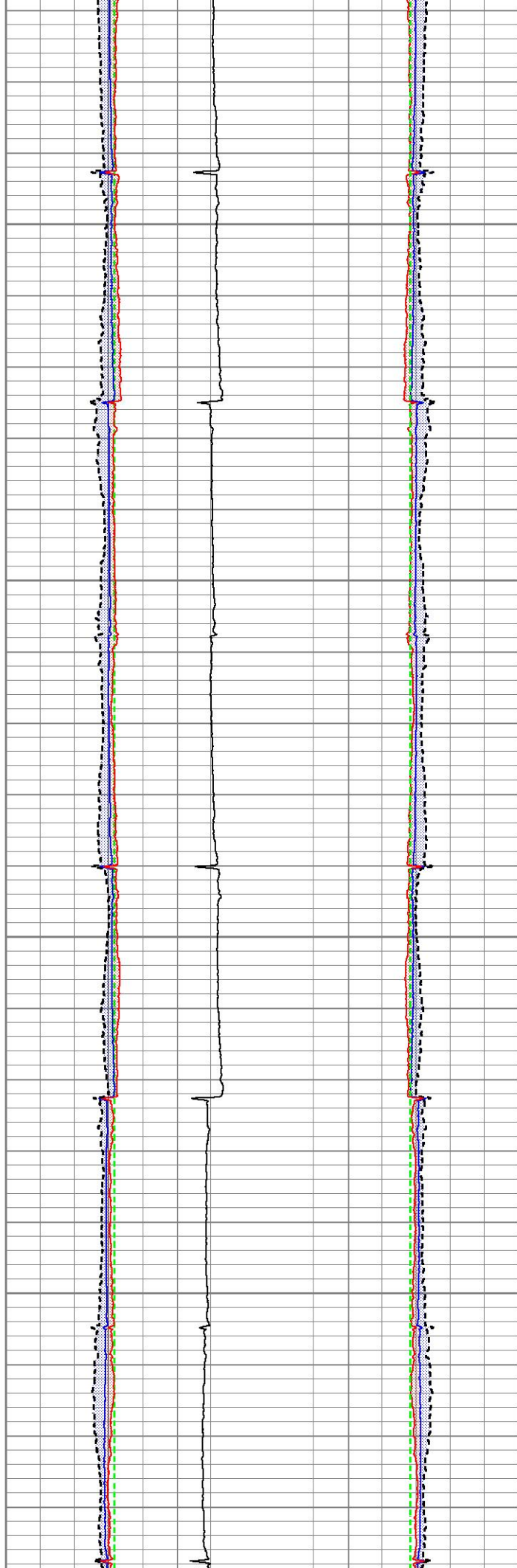


550

600

650

700



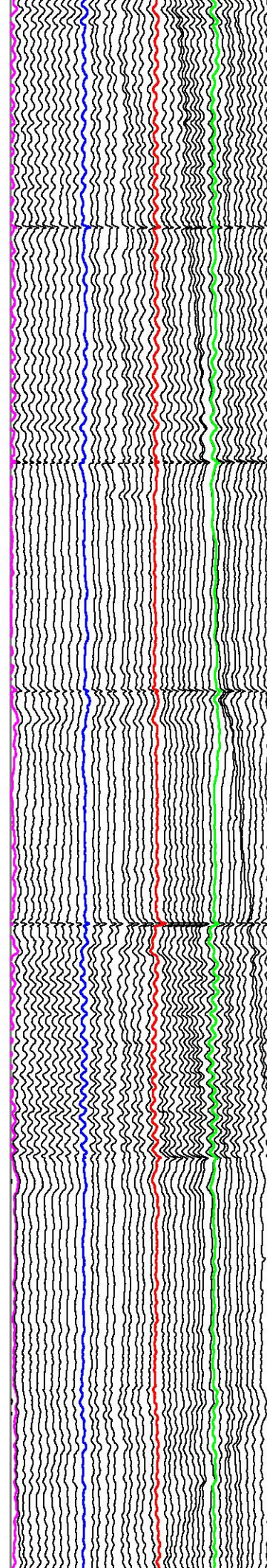
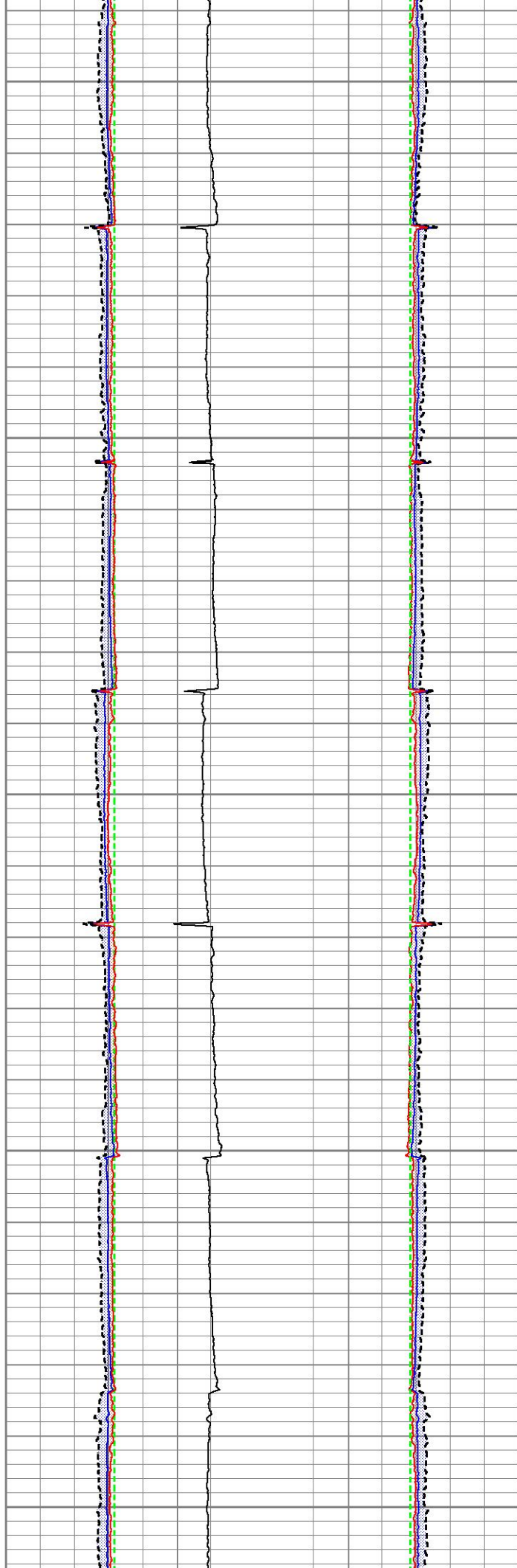
750

800

850

900

950

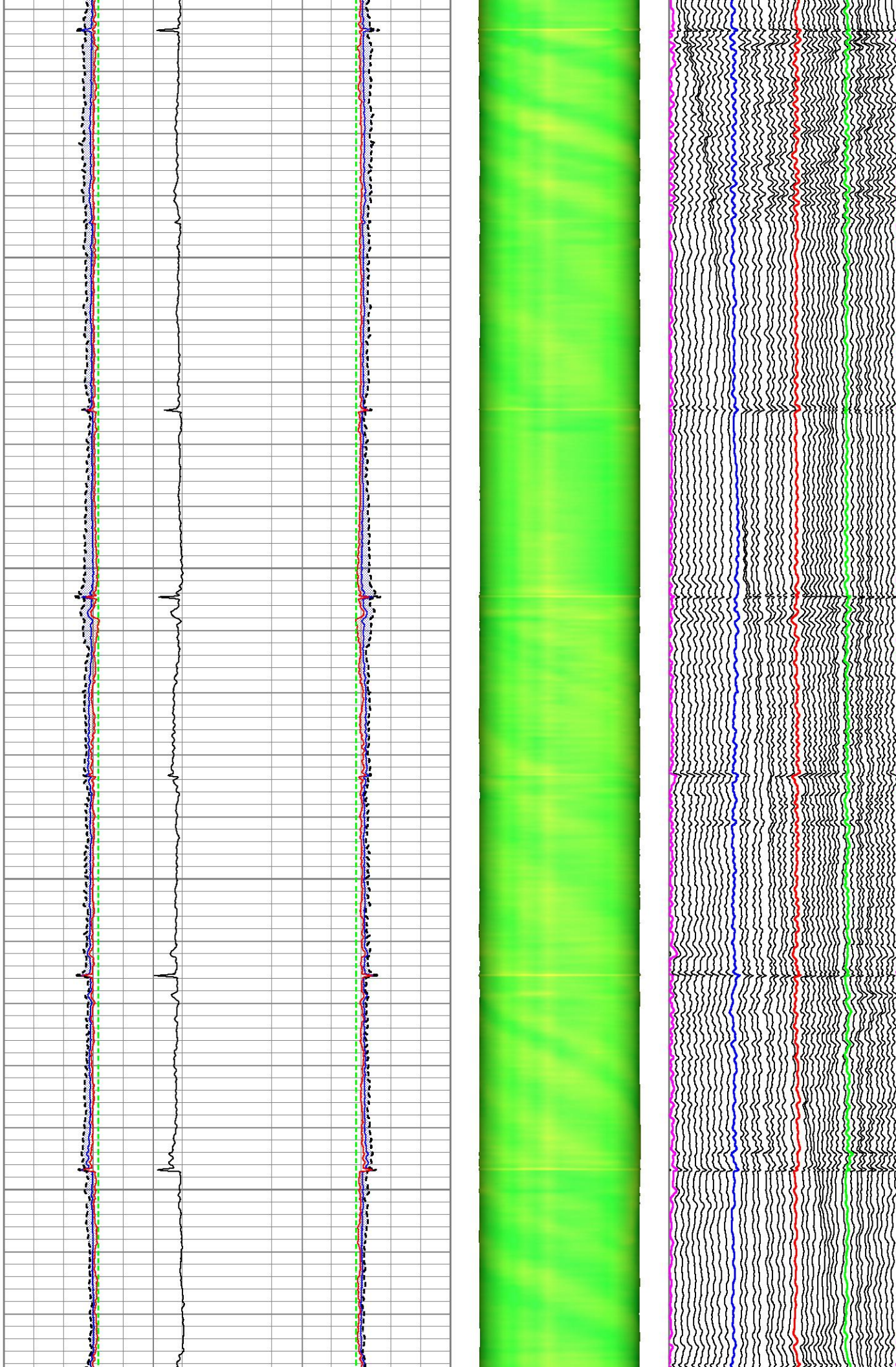


1000

1050

1100

1150

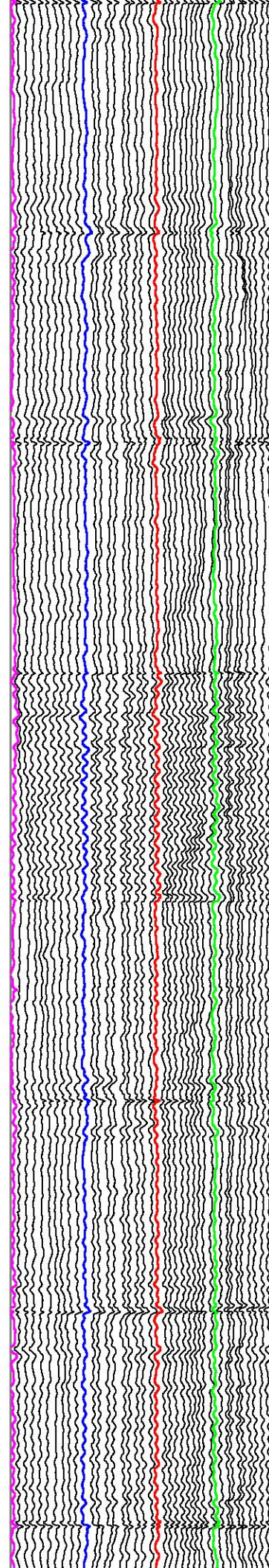
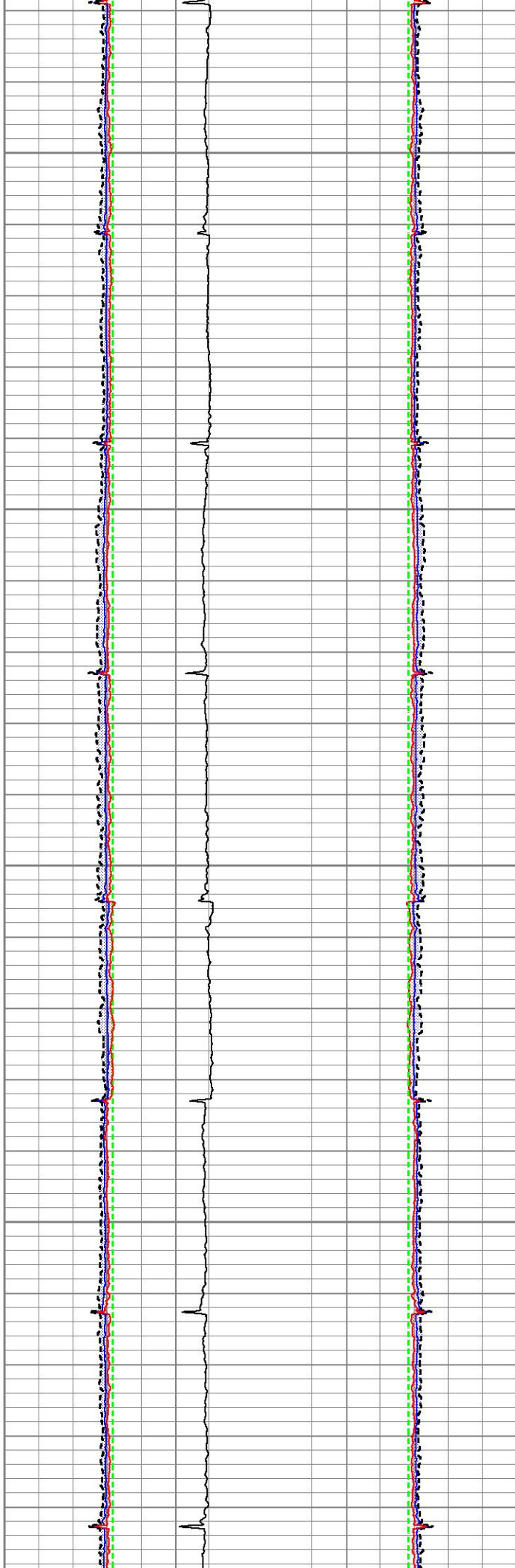


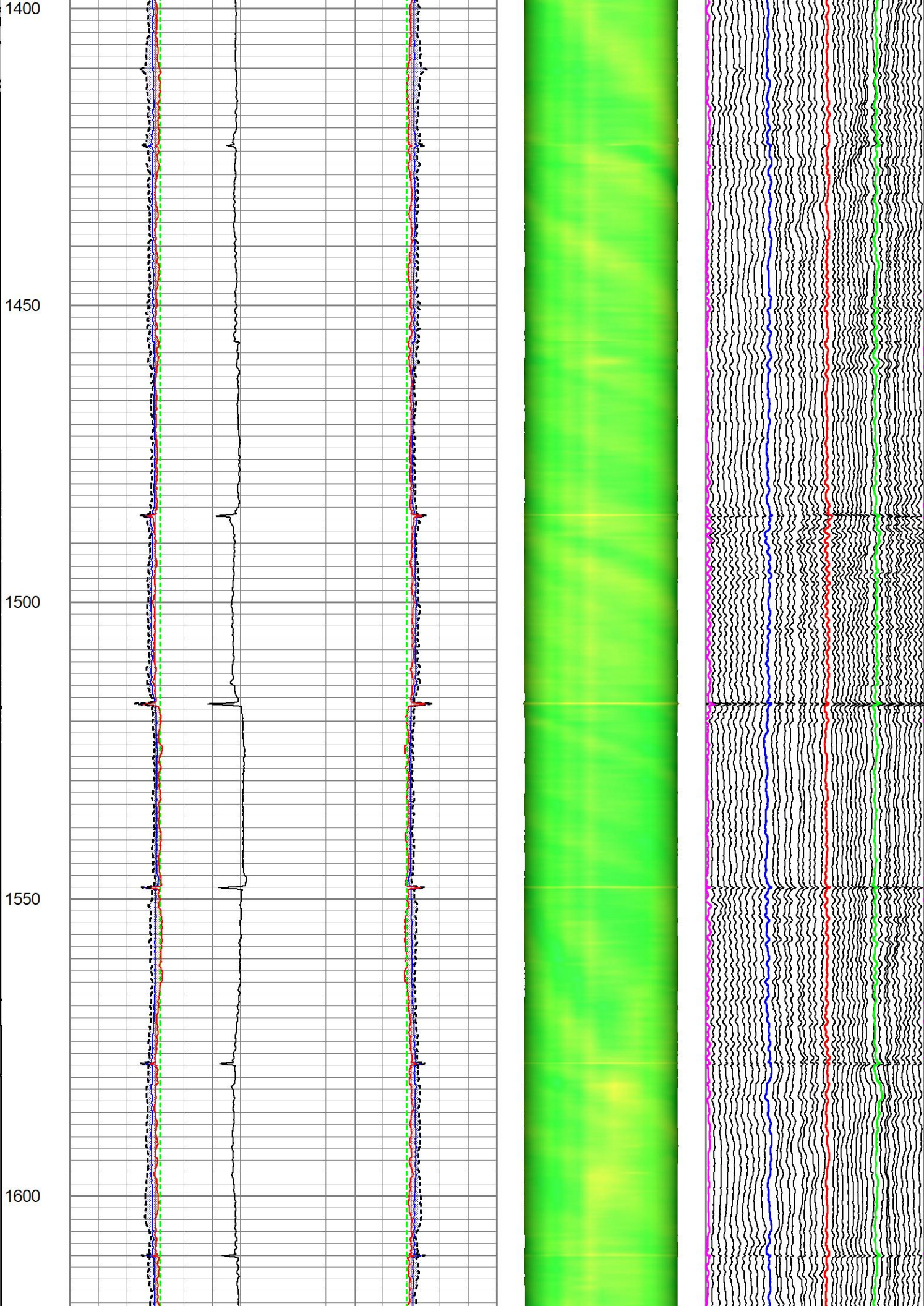
1200

1250

1300

1350



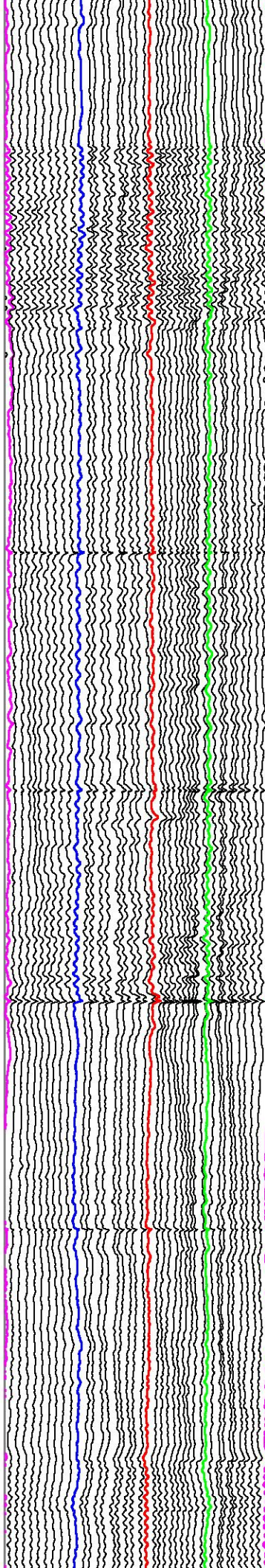
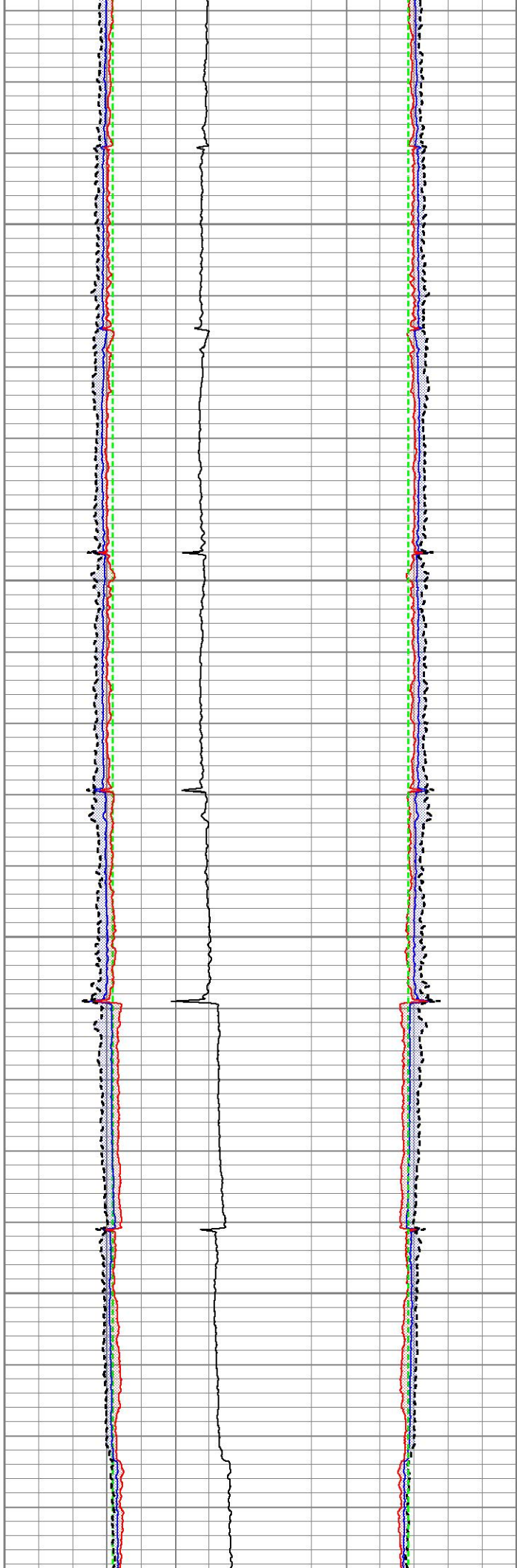


1650

1700

1750

1800



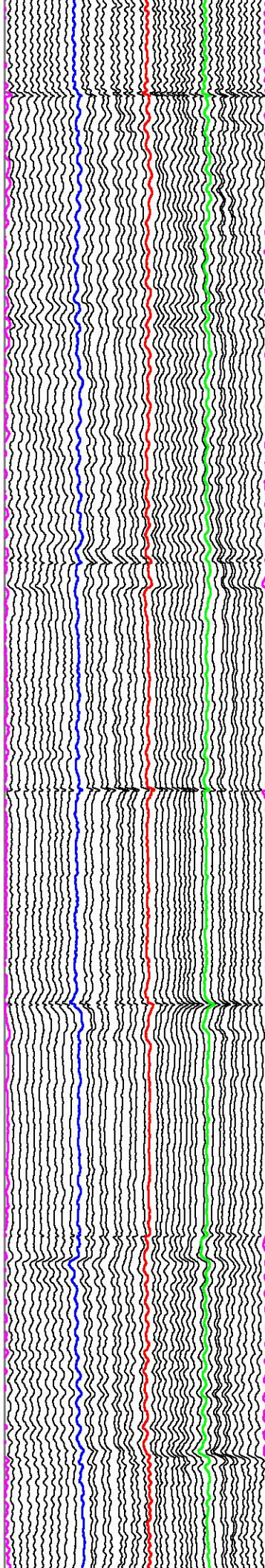
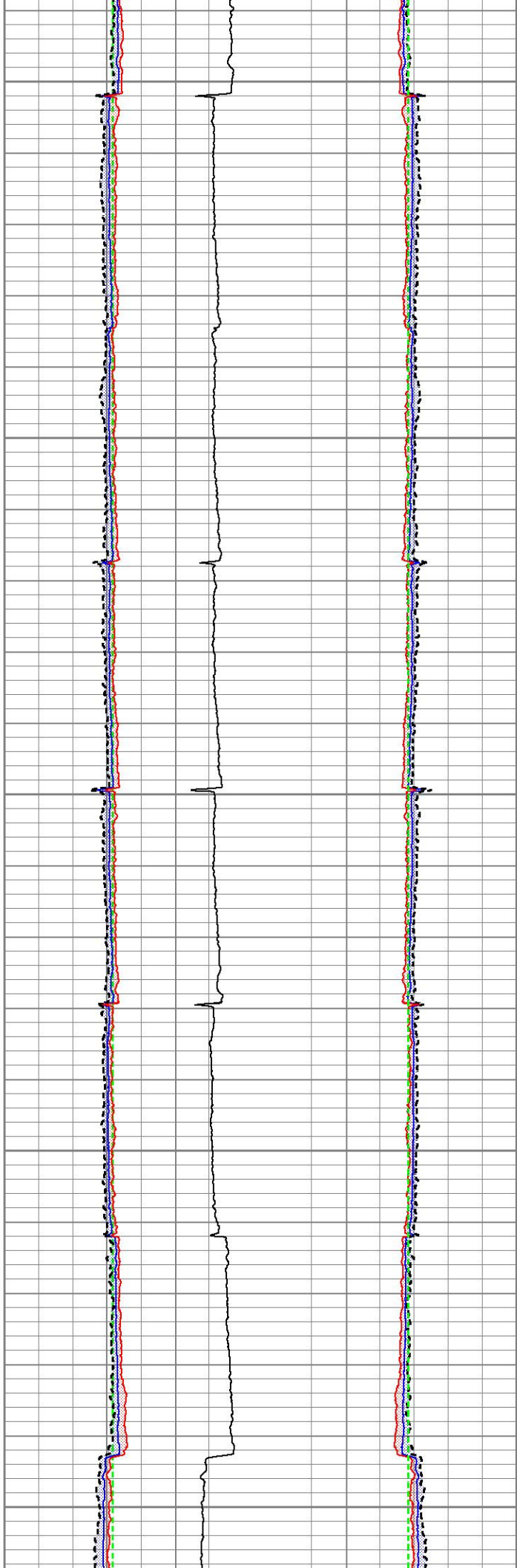
1850

1900

1950

2000

2050

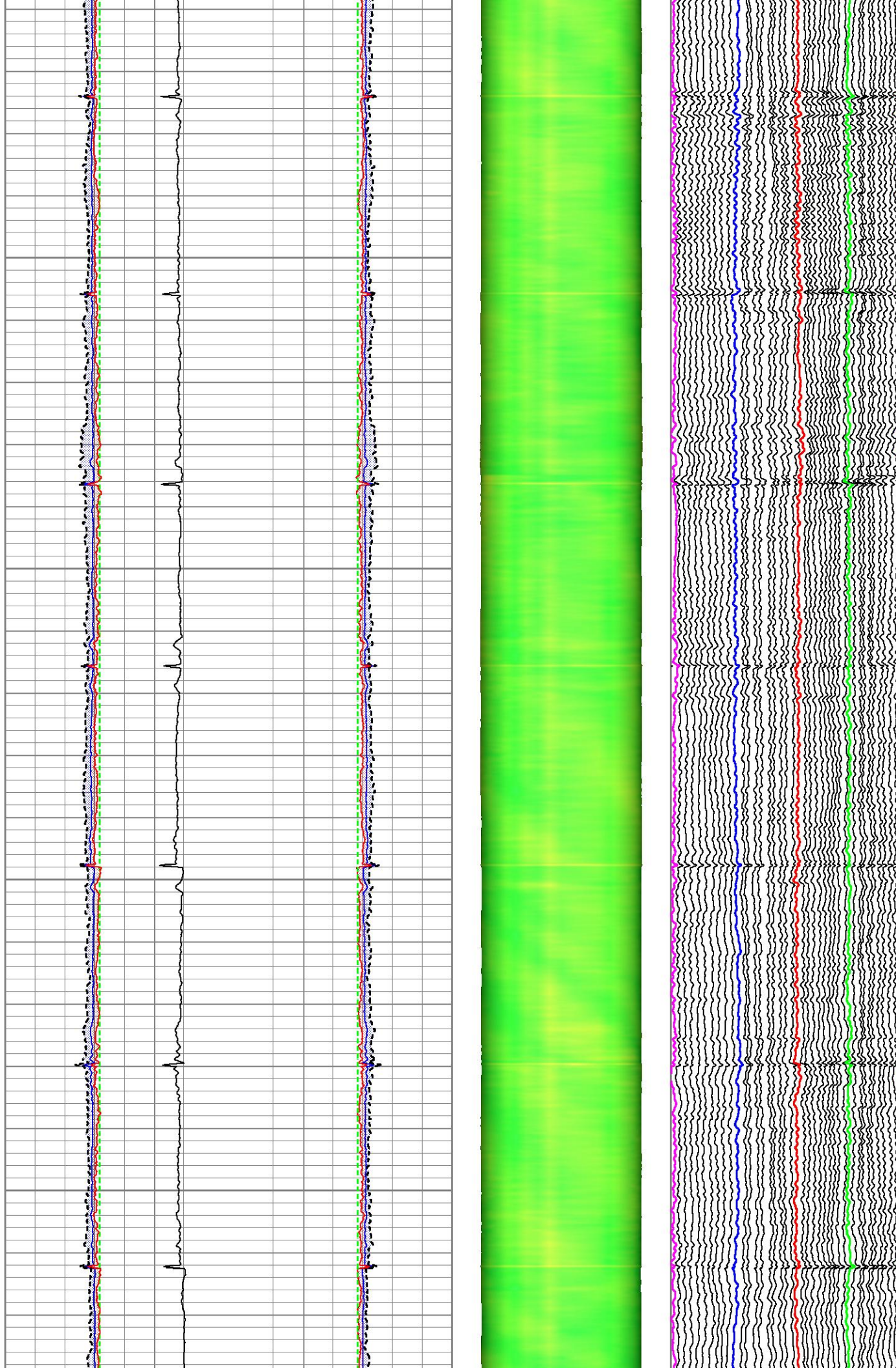


2100

2150

2200

2250

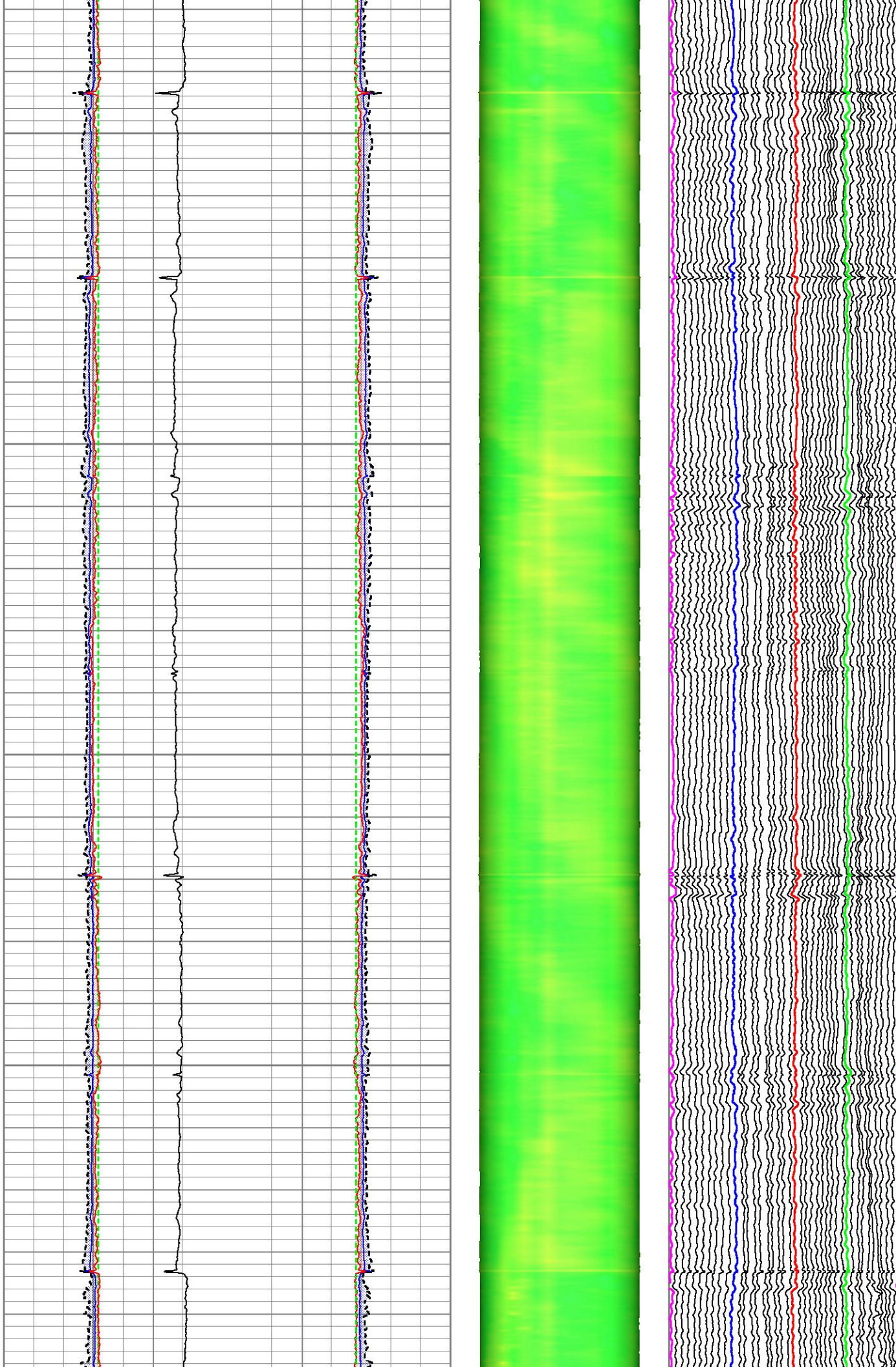


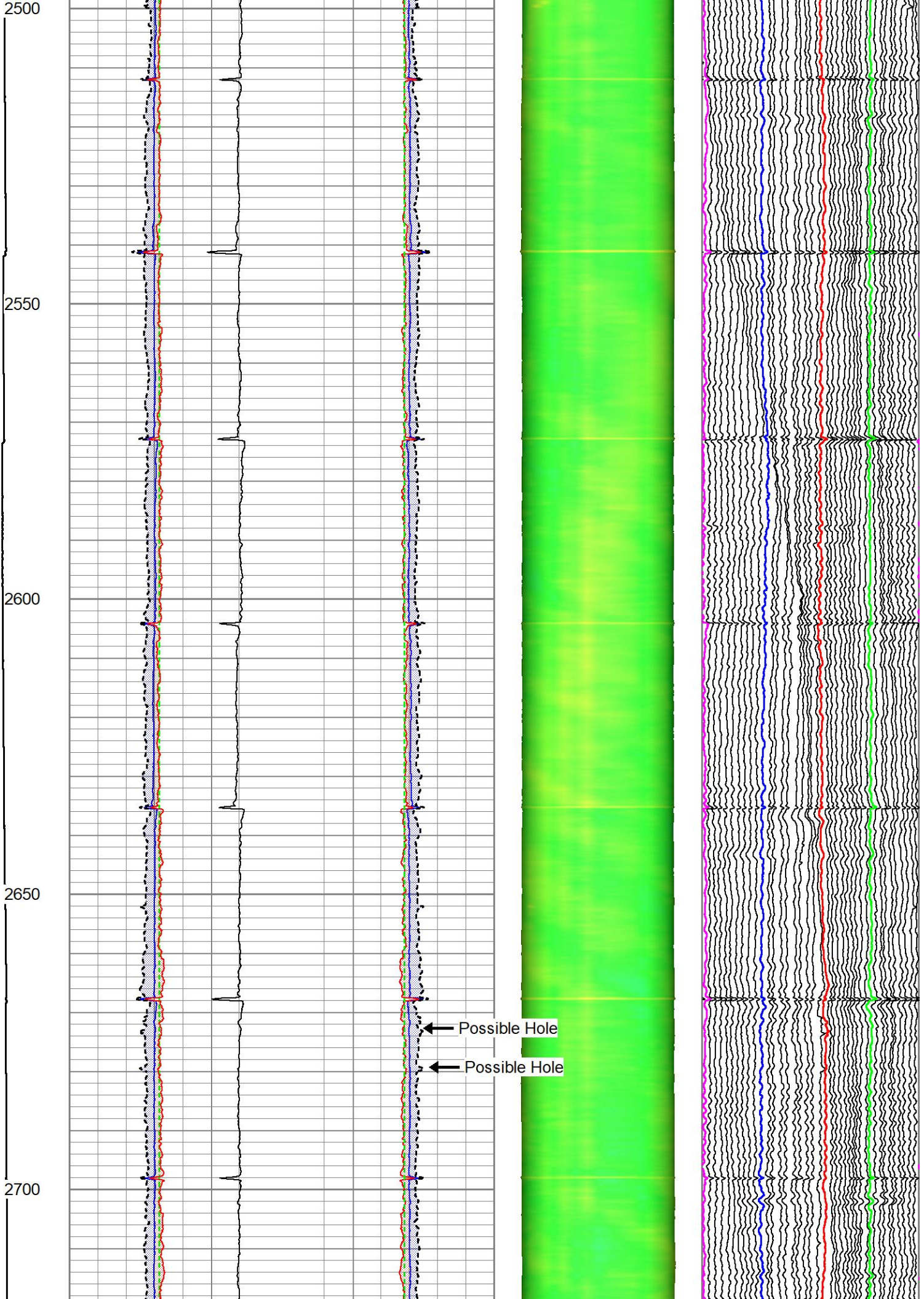
2300

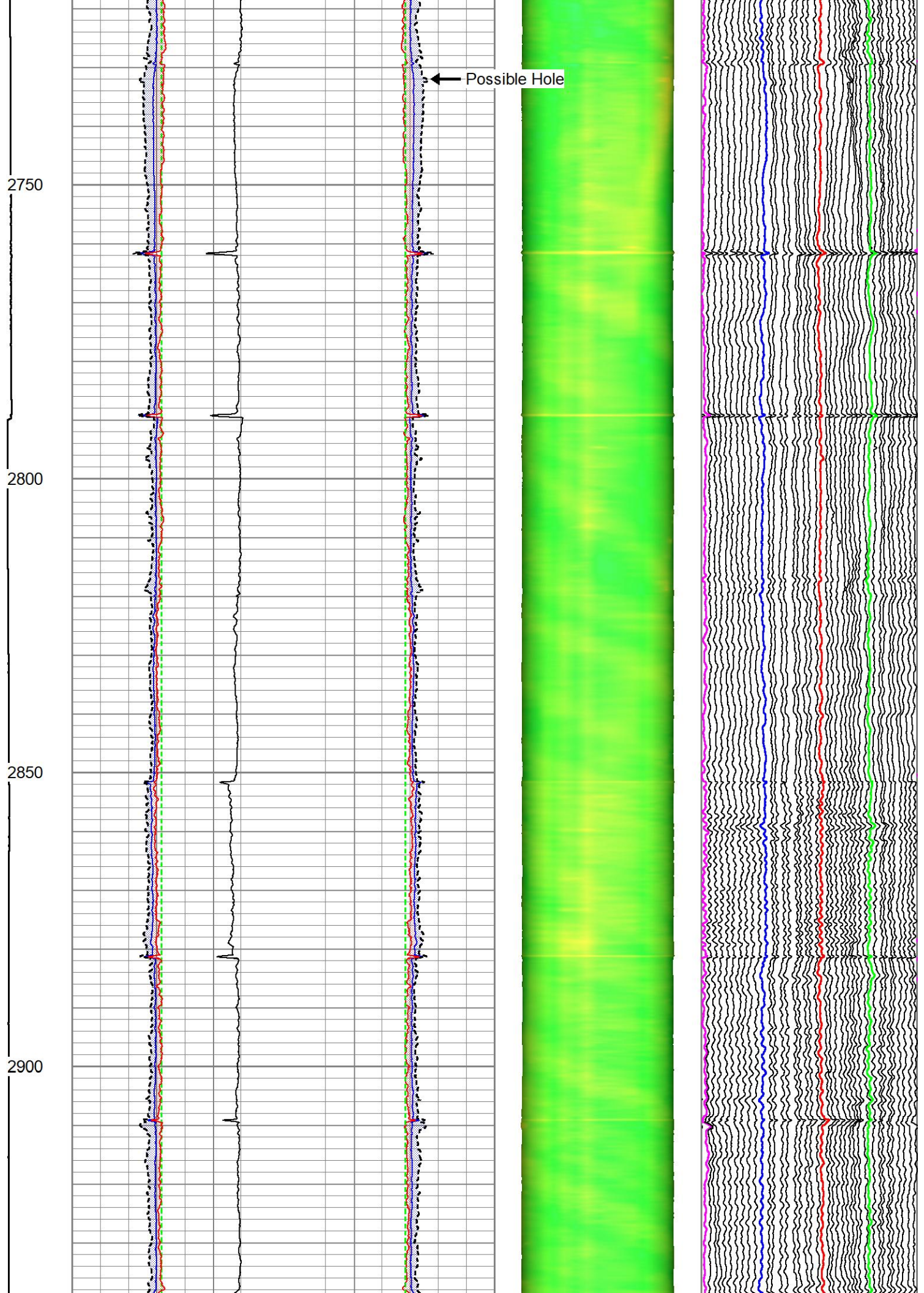
2350

2400

2450







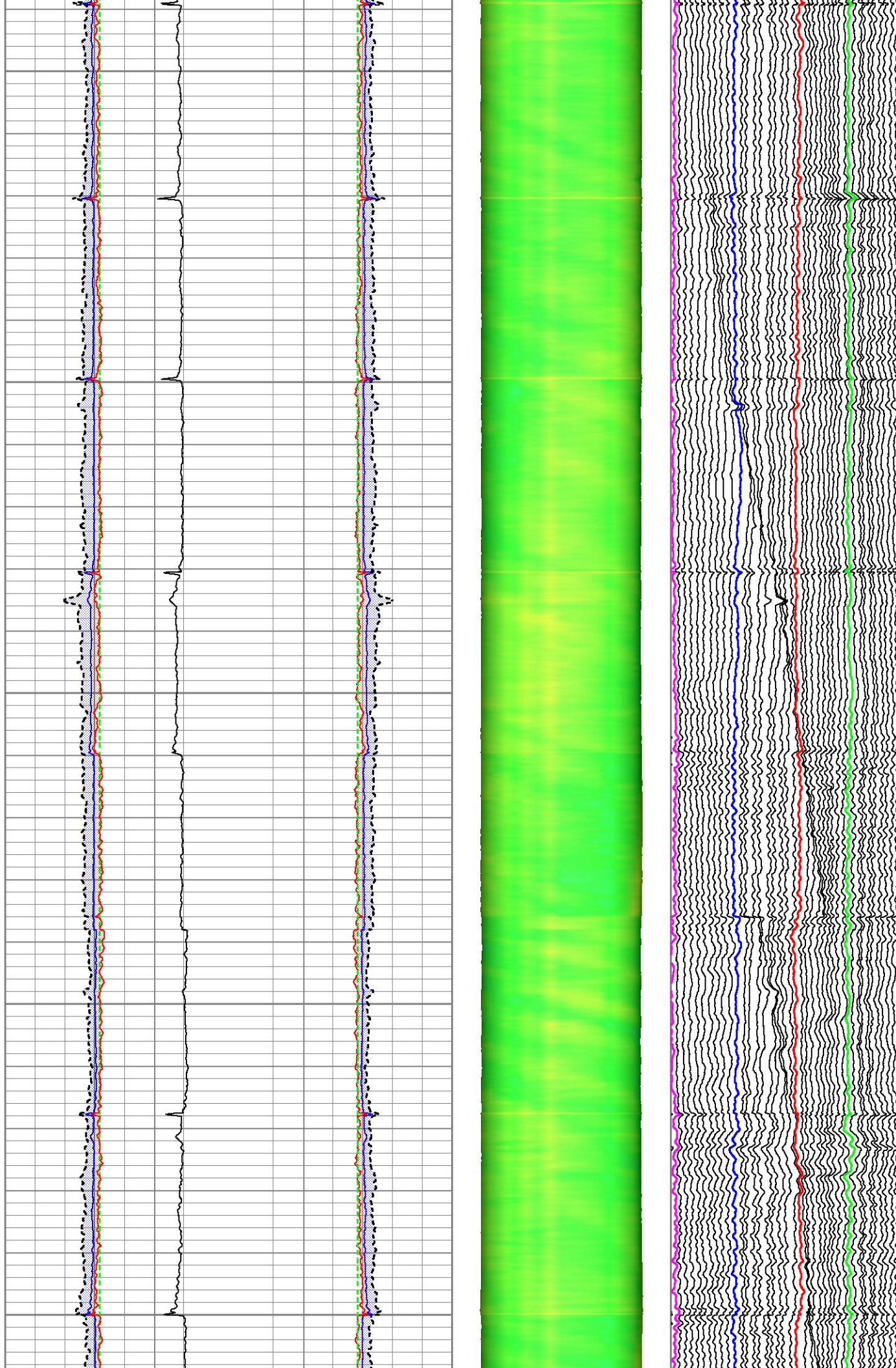
2950

3000

3050

3100

3150

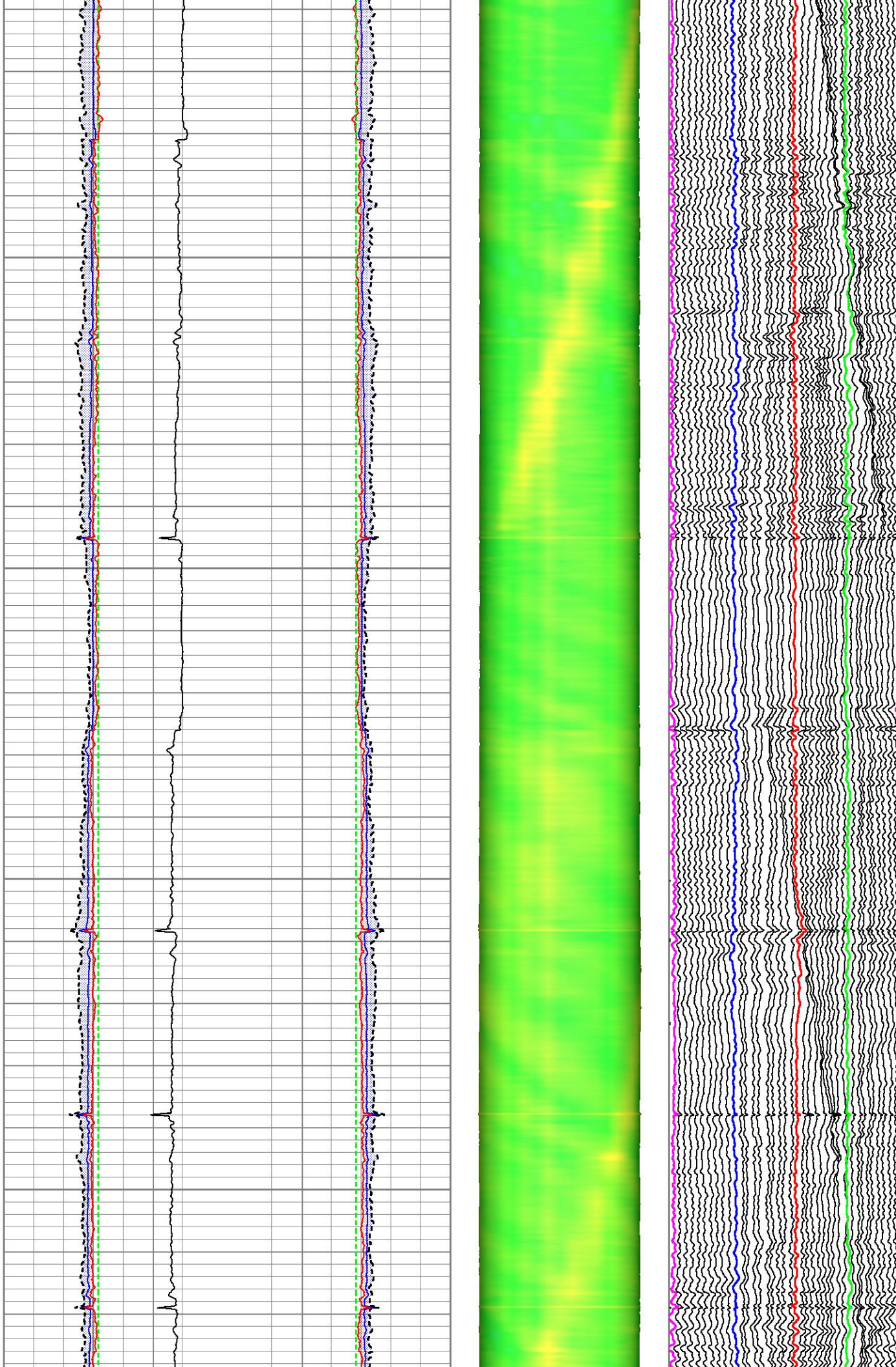


3200

3250

3300

3350

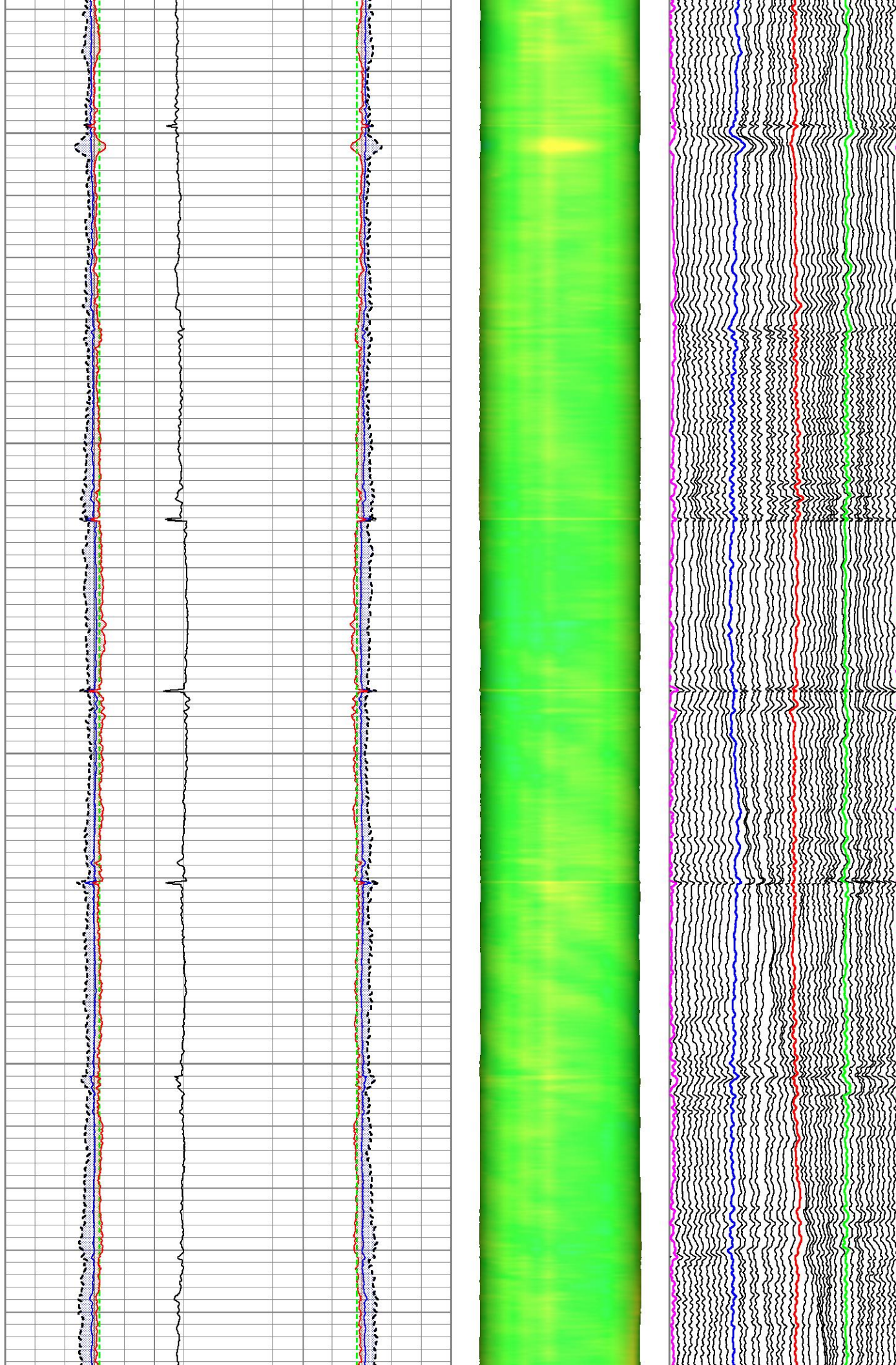


3400

3450

3500

3550



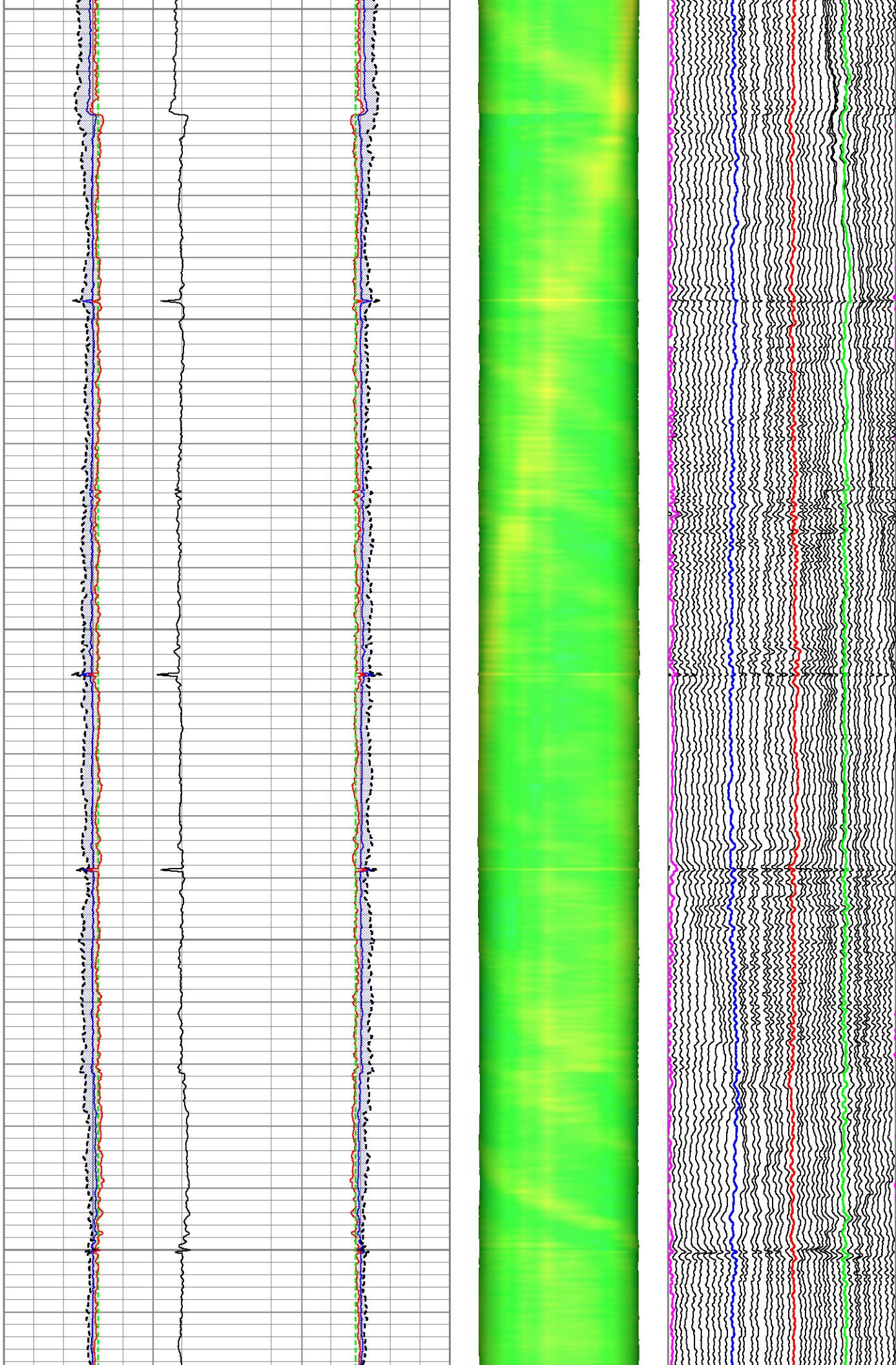
3600

3650

3700

3750

3800

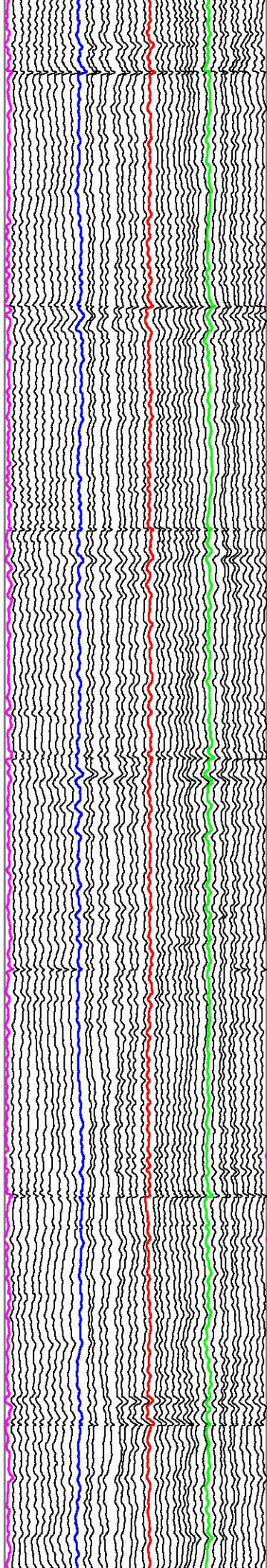
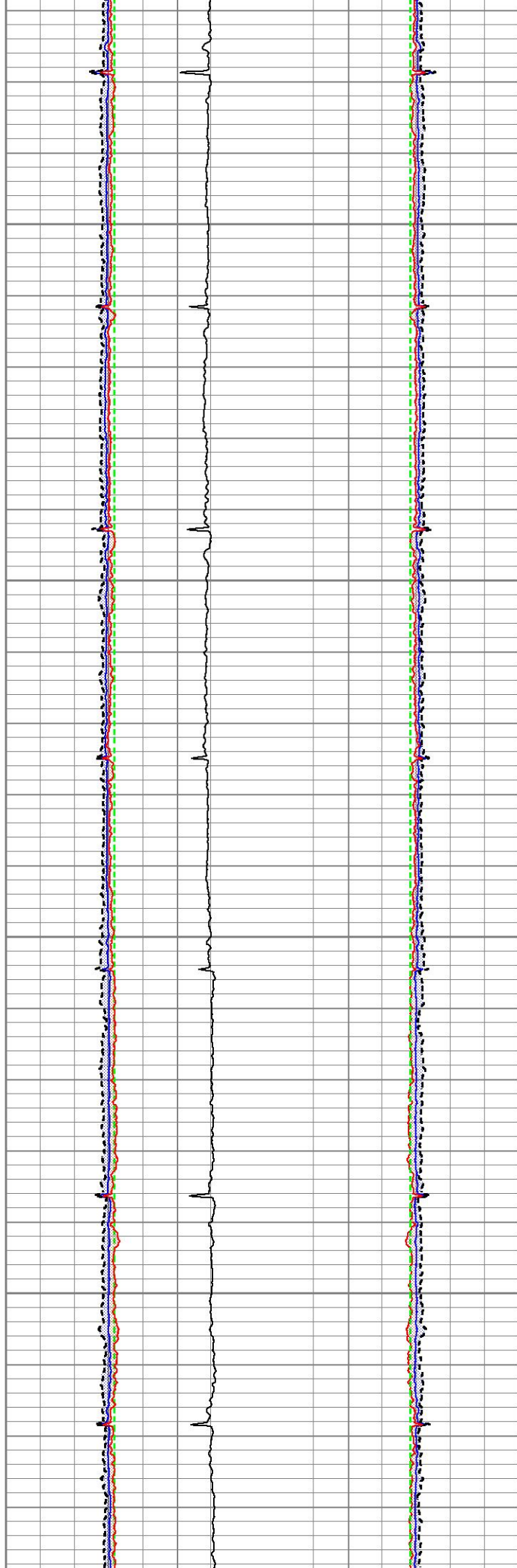


3850

3900

3950

4000



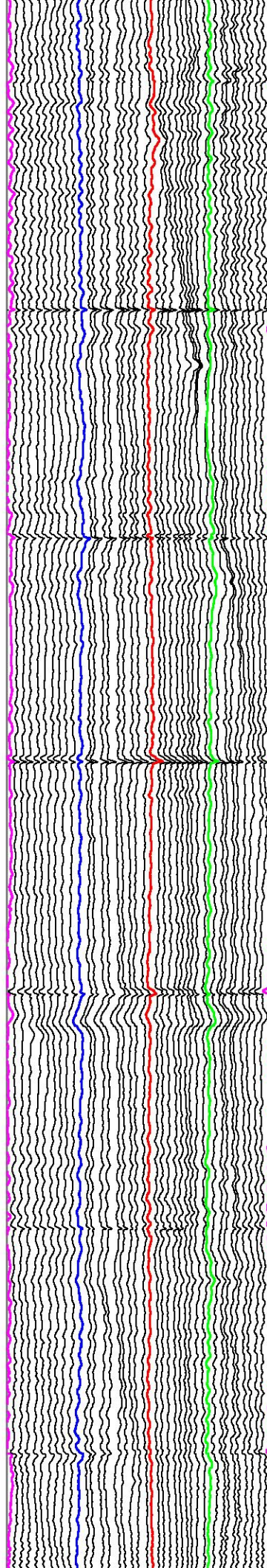
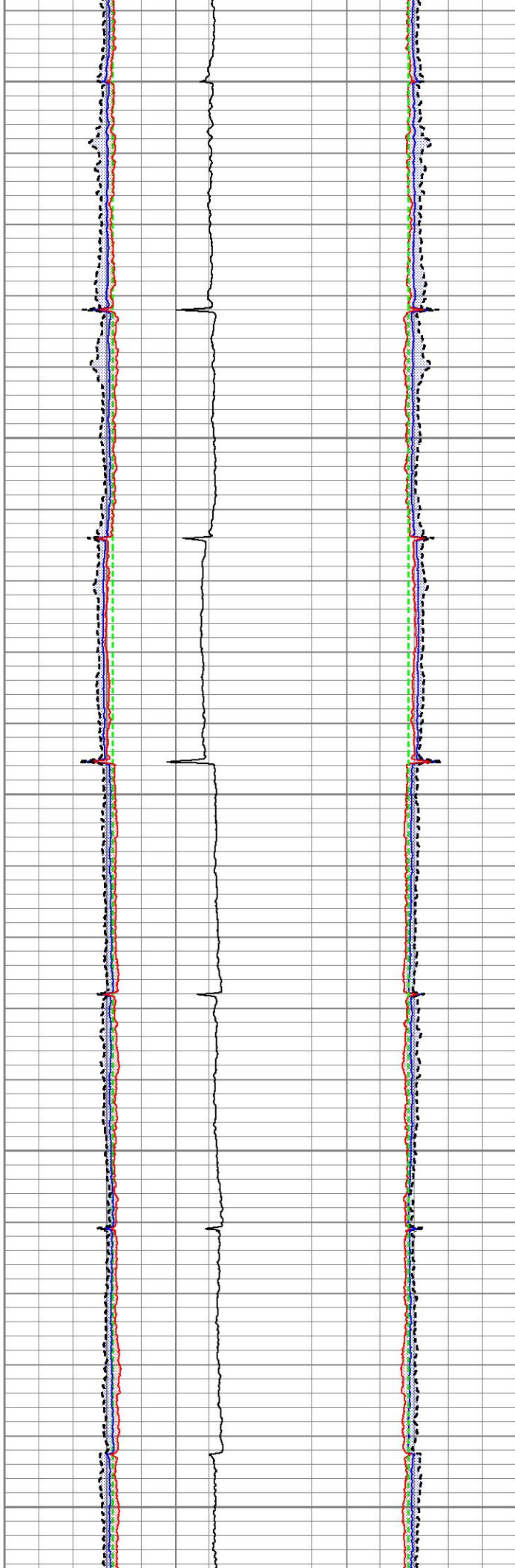
4050

4100

4150

4200

4250

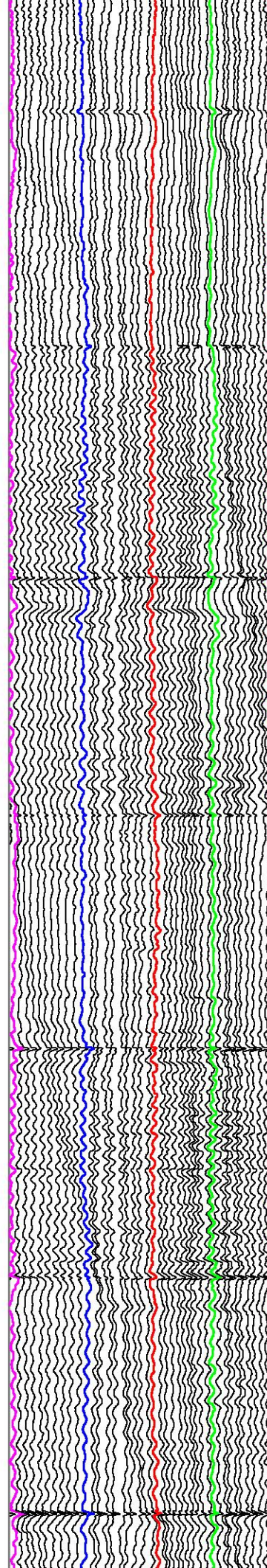
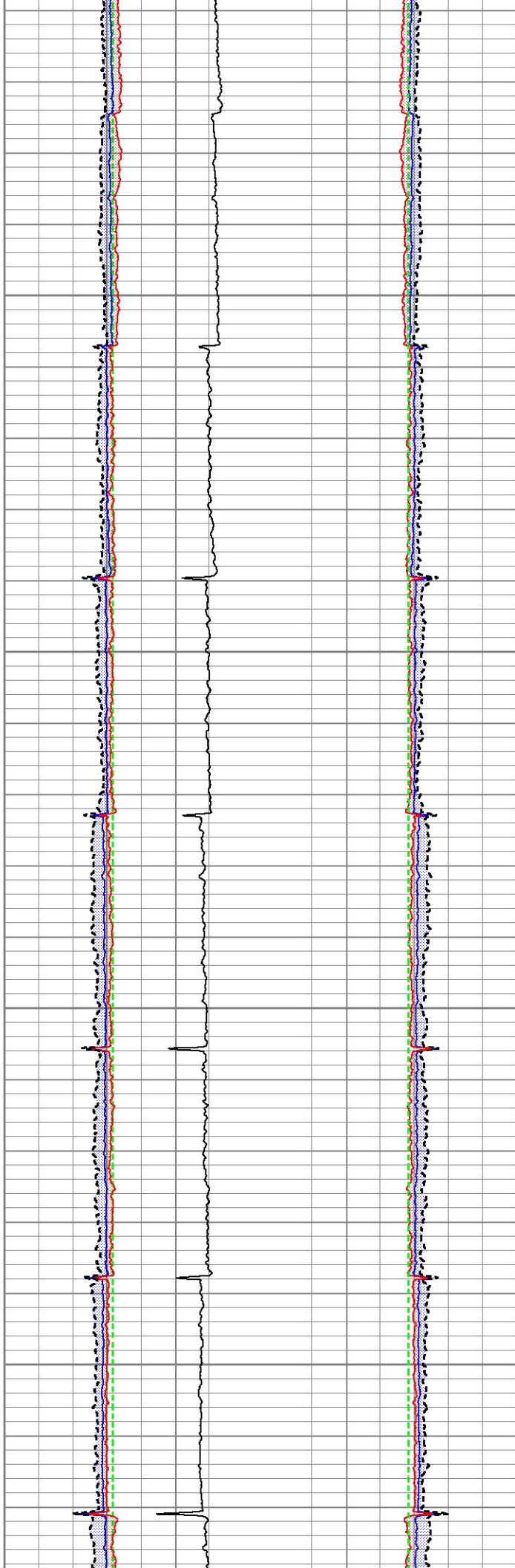


4300

4350

4400

4450

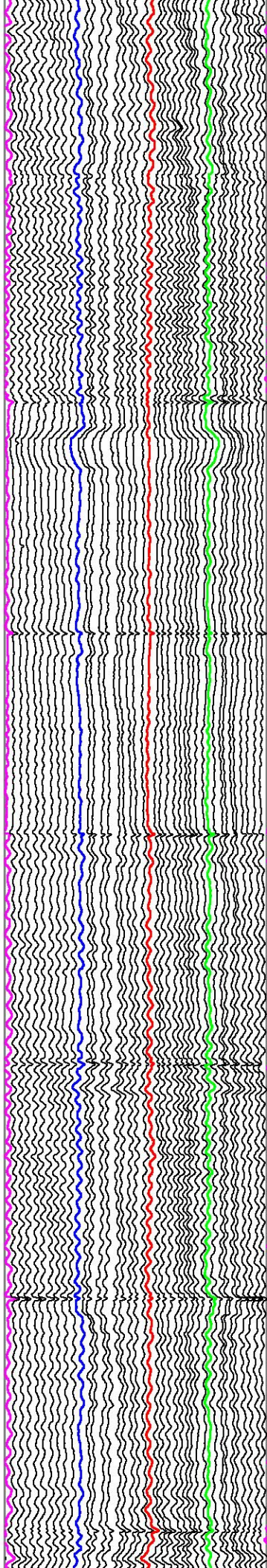
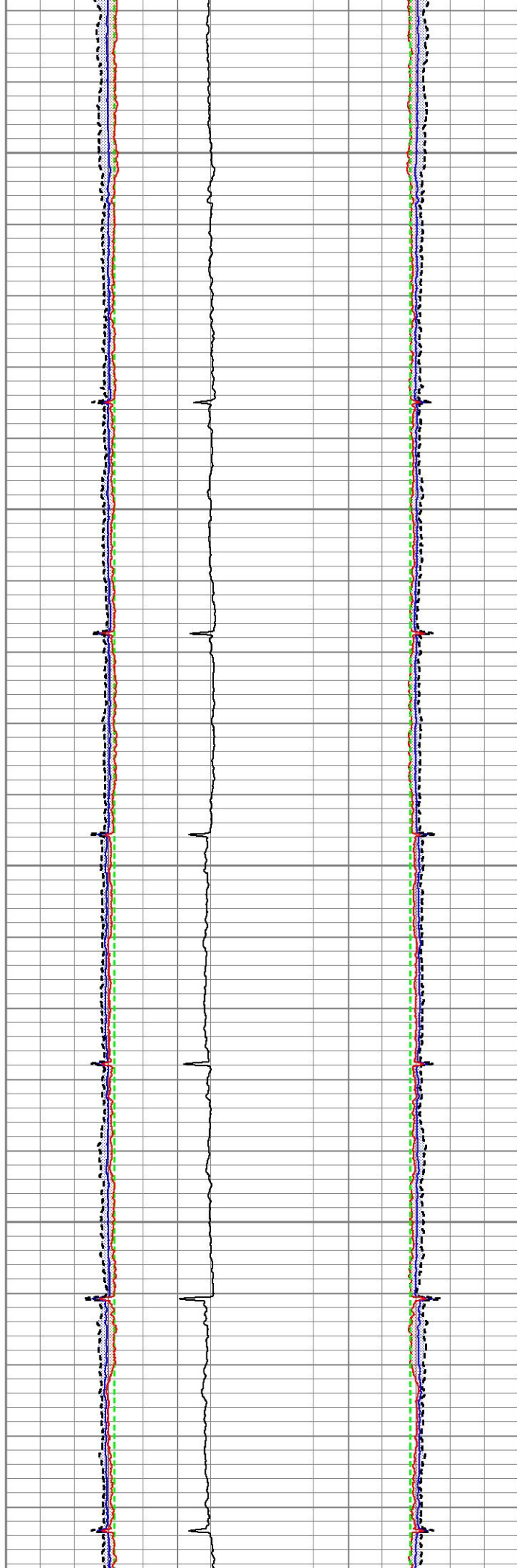


4500

4550

4600

4650



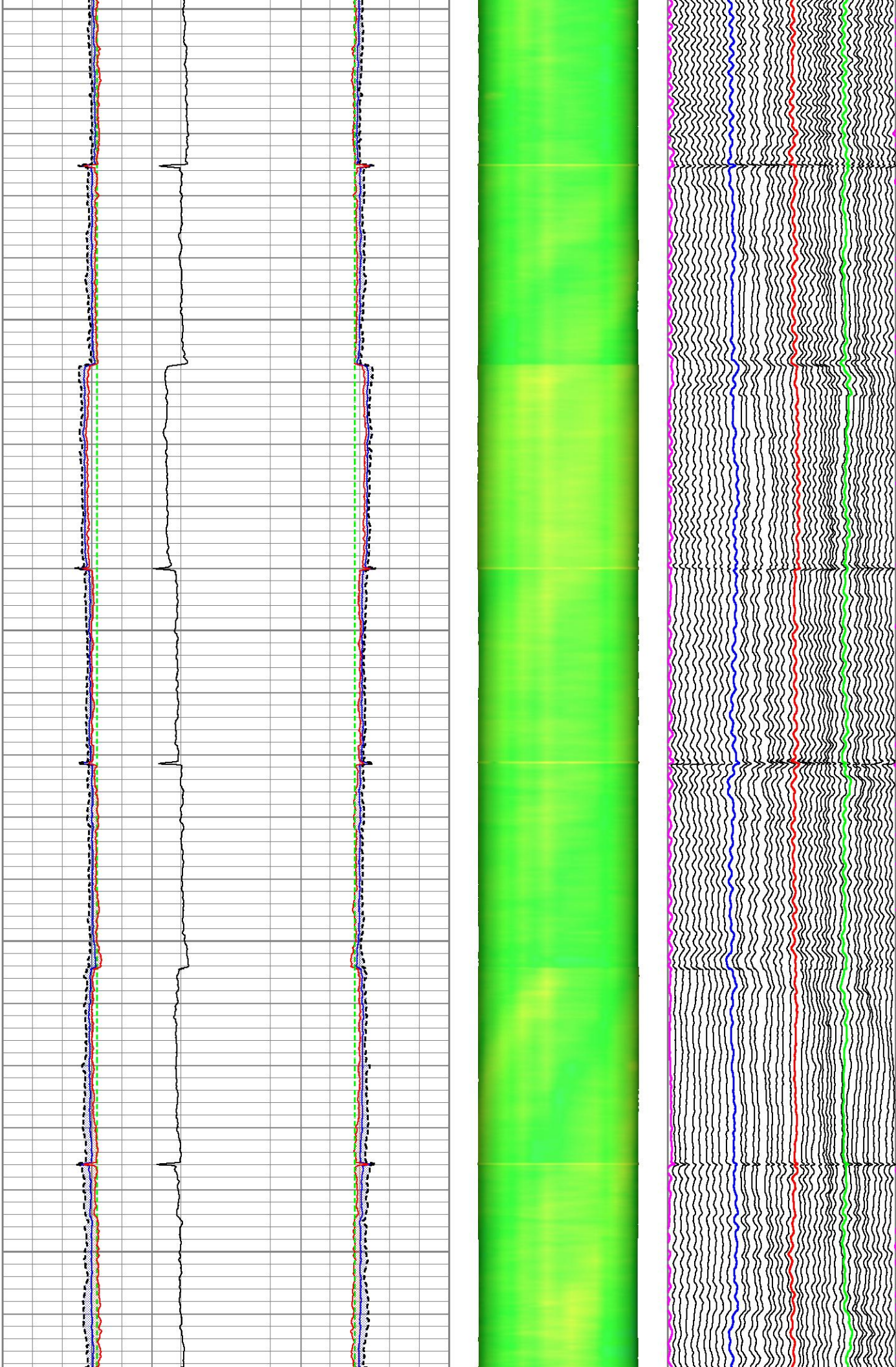
4700

4750

4800

4850

4900

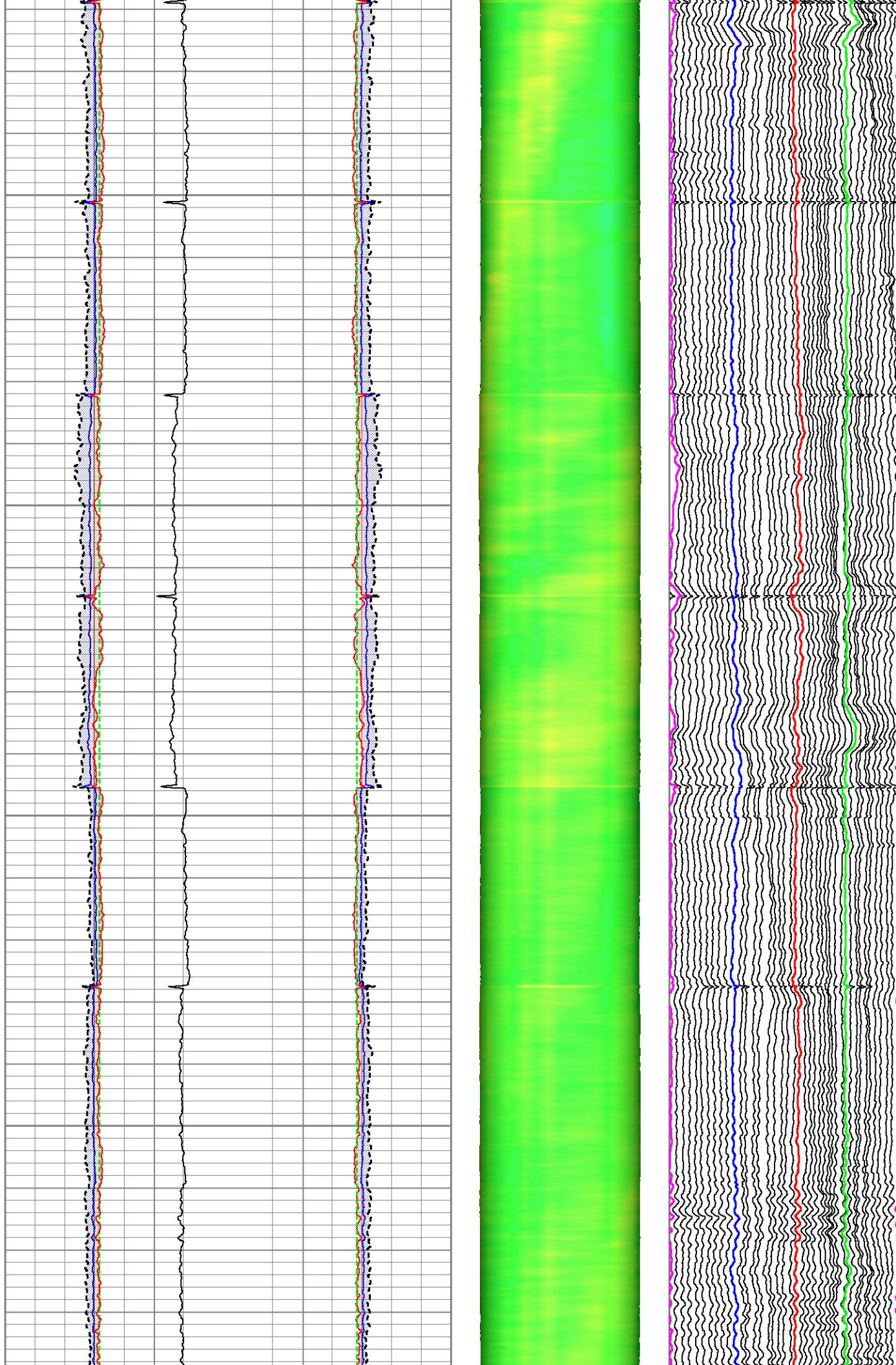


4950

5000

5050

5100



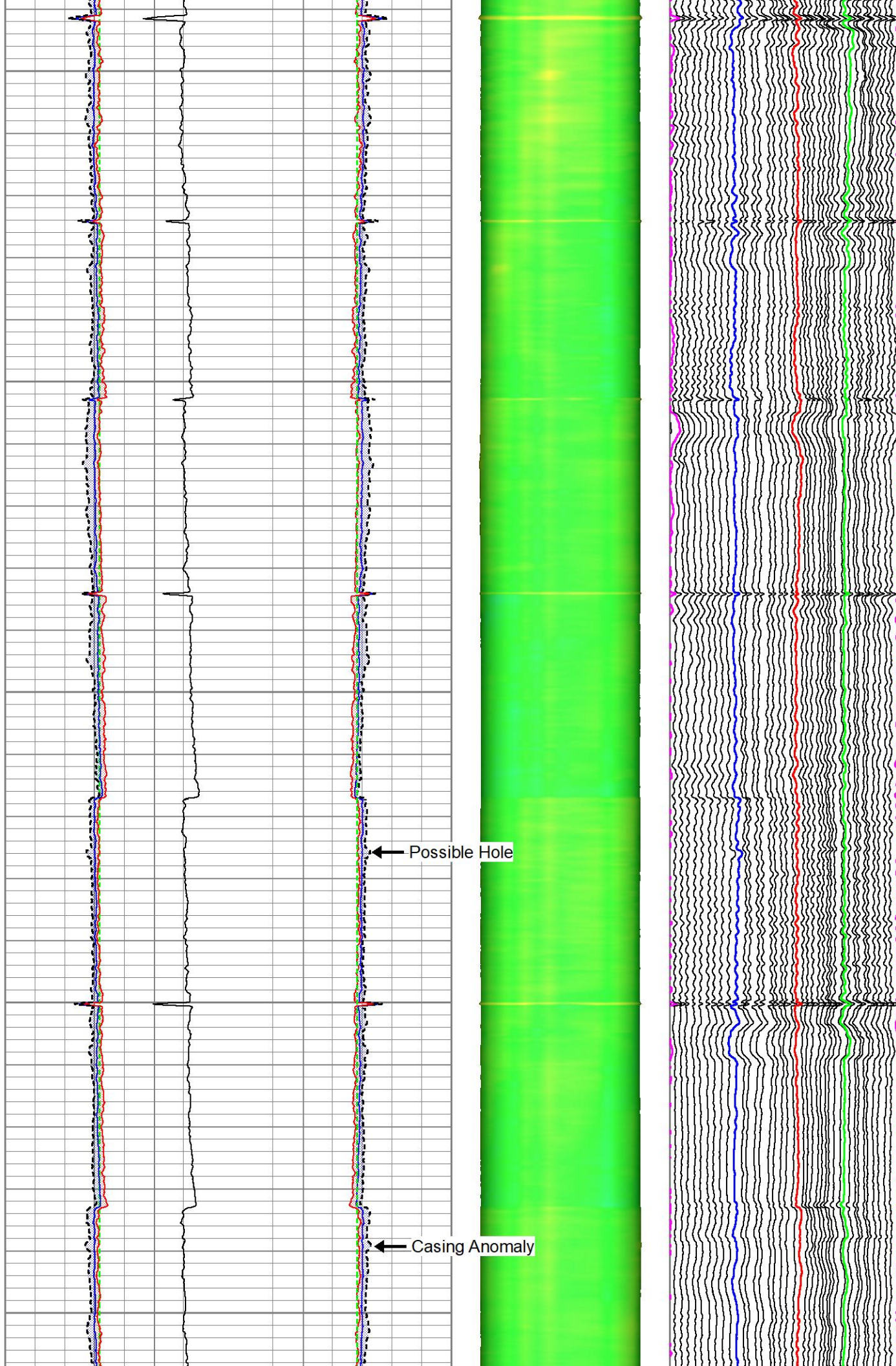
5150

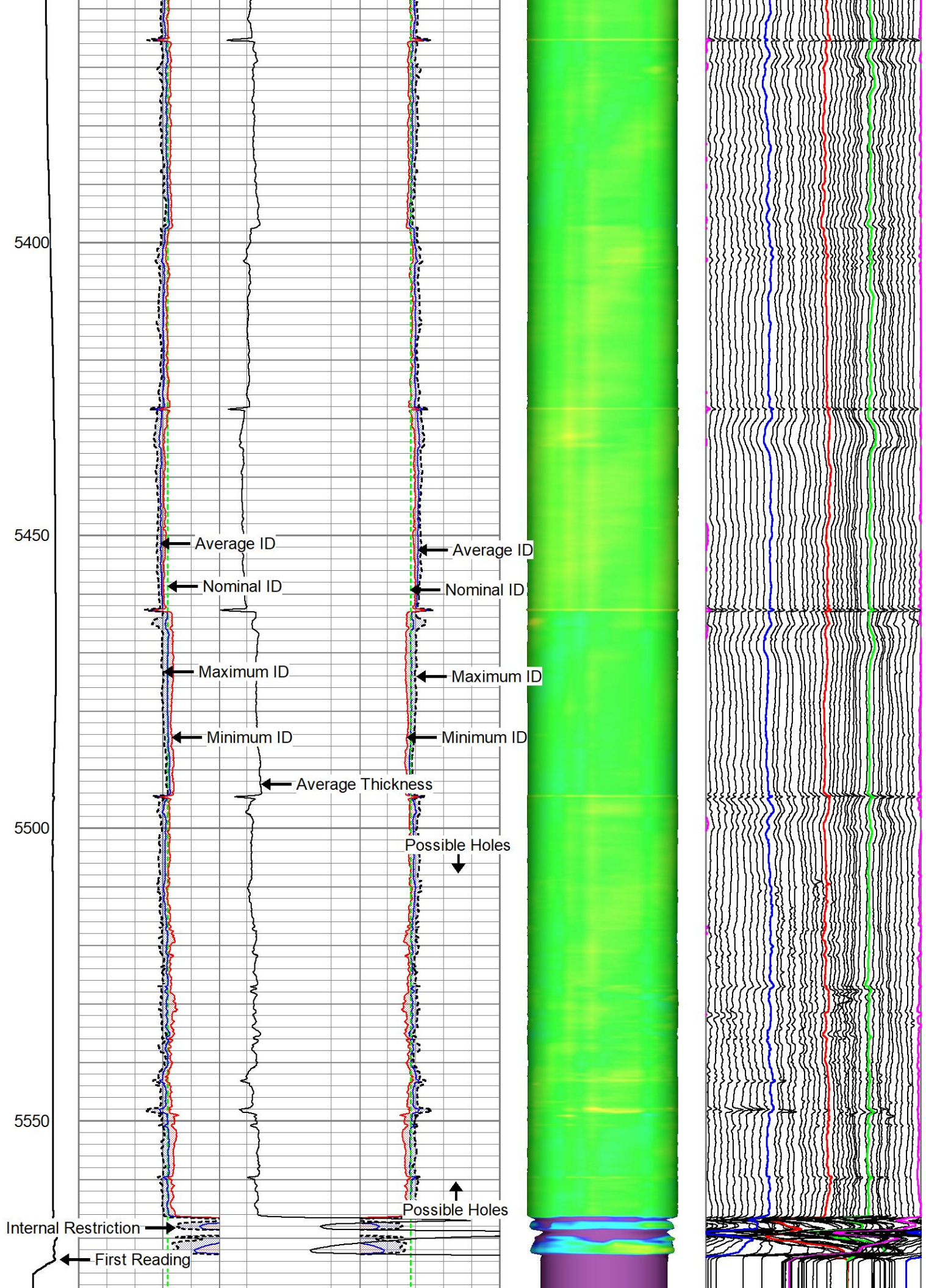
5200

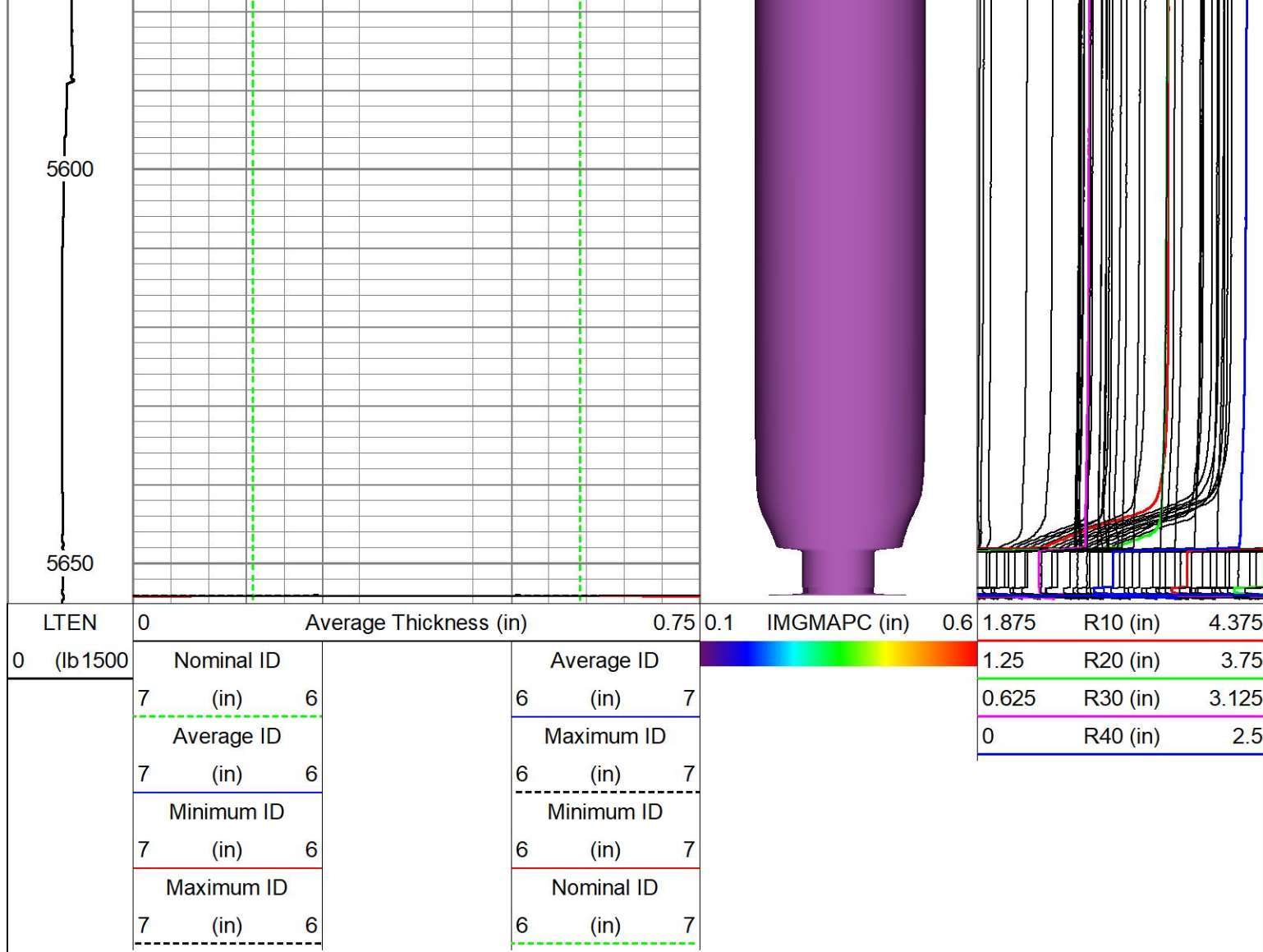
5250

5300

5350







Log Variables

DatabaseC:\ProgramData\Warrior\Data\chevron_fee51_mac8.db

Dataset field/well/run1/merge3.2/_vars_

Top - Bottom

BOREID in 8.25	BOTTEMP degF 0	CASEID in 6.366	CASEOD in 7	CASETHCK in 0.317	MinAPIWall in 0.277	PERFS 0	SRFTEMP degF 0
TDEPTH ft 0							

Variable Description

BOREID : Borehole I.D.
 BOTTEMP : Bottom Hole Temperature
 CASEID : Casing I.D.
 CASEOD : Casing O.D.
 CASETHCK : Casing Thickness

MinAPIWall : Minimum API Wall Thickness
 PERFS : Perforation Flag
 SRFTEMP : Surface Temperature
 TDEPTH : Total Depth

Calibration Report

Database File chevron_fee51_mac8.db
 Dataset Pathname merge3.2
 Dataset Creation Tue Apr 03 15:15:09 2018

40 Arm Multi Sensor Caliper Calibration Report

Serial Number: FW1411-56
 Tool Model: 40
 Performed: Mon Apr 02 11:18:16 2018

Ref ID:	3.00	4.00	5.00	6.00	7.00	in	
Arm1	1.26	1.72	2.22	2.77	3.29		
Arm2	1.94	2.36	2.78	3.22	3.64		
Arm3	1.62	2.15	2.65	3.18	3.67		
Arm4	1.56	2.01	2.45	2.91	3.37		
Arm5	1.51	2.00	2.49	3.02	3.48		
Arm6	1.47	1.99	2.47	2.99	3.49		
Arm7	1.68	2.17	2.63	3.12	3.59		
Arm8	1.49	1.97	2.41	2.90	3.37		
Arm9	1.53	2.08	2.58	3.11	3.61		
Arm10	1.56	2.07	2.55	3.06	3.55		
Arm11	1.57	2.06	2.54	3.05	3.53		
Arm12	1.74	2.22	2.66	3.12	3.56		
Arm13	1.49	2.00	2.49	2.99	3.48		
Arm14	1.47	2.00	2.52	3.05	3.58		
Arm15	1.46	2.01	2.55	3.09	3.61		
Arm16	1.72	2.20	2.67	3.15	3.61		
Arm17	1.38	1.86	2.36	2.86	3.35		
Arm18	1.31	1.86	2.44	2.99	3.54		
Arm19	1.50	0.98	0.49	-0.02	-0.53		*
Arm20	1.23	1.77	2.34	2.90	3.44		
Arm21	1.45	1.98	2.55	3.09	3.61	-	
Arm22	1.77	2.23	2.72	3.17	3.61	-	
Arm23	1.37	1.90	2.48	3.03	3.55	-	
Arm24	1.78	2.24	2.75	3.23	3.69	-	
Arm25	1.59	2.07	2.60	3.10	3.58	-	
Arm26	1.65	2.09	2.60	3.08	3.55	-	
Arm27	1.57	2.07	2.65	3.19	3.70	-	
Arm28	1.21	1.70	2.27	2.82	3.37	-	
Arm29	1.77	2.19	2.68	3.14	3.59	-	
Arm30	1.53	2.01	2.57	3.12	3.58	-	
Arm31	1.41	1.89	2.44	2.97	3.50	-	
Arm32	1.46	1.96	2.52	3.06	3.58	-	
Arm33	1.86	2.31	2.81	3.27	3.70	-	
Arm34	1.59	2.03	2.50	2.97	3.44	-	
Arm35	1.64	2.08	2.57	3.05	3.52	-	
Arm36	1.51	1.98	2.47	2.95	3.43	-	
Arm37	1.43	1.98	2.55	3.12	3.65	-	
Arm38	1.63	2.13	2.63	3.14	3.62	-	
Arm39	1.48	1.97	2.48	3.01	3.53	-	
Arm40	1.50	2.06	2.61	3.17	3.68	-	
							* Bad

PROBE verifications Calibration Report

Performed:	Pre Verification	Post Verification	Casing Check	
Ref ID:	0.00	0.00	0.00	in
Min.	0.00	0.00	0.00	in
Max.	0.00	0.00	0.00	in
Avg.	0.00	0.00	0.00	in
Dia1	0.00	0.00	0.00	in
Dia2	0.00	0.00	0.00	in
Dia3	0.00	0.00	0.00	in
Dia4	0.00	0.00	0.00	in
Dia5	0.00	0.00	0.00	in
Dia6	0.00	0.00	0.00	in
Dia7	0.00	0.00	0.00	in

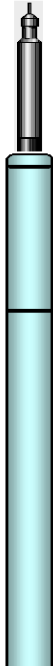
Dia8	0.00	0.00	0.00	in
Dia9	0.00	0.00	0.00	in
Dia10	0.00	0.00	0.00	in
Dia11	0.00	0.00	0.00	in
Dia12	0.00	0.00	0.00	in
Dia13	0.00	0.00	0.00	in
Dia14	0.00	0.00	0.00	in
Dia15	0.00	0.00	0.00	in
Dia16	0.00	0.00	0.00	in
Dia17	0.00	0.00	0.00	in
Dia18	0.00	0.00	0.00	in
Dia19	0.00	0.00	0.00	in
Dia20	0.00	0.00	0.00	in


Inclinometer Calibration Report


Performed:	(Derived)				
	Low Read.	High Read.	Low Ref.	High Ref.	
X Accelerometer	0.00	1.00	0.00	1.00	gee
Y Accelerometer	0.00	1.00	0.00	1.00	gee
Z Accelerometer	0.00	1.00	0.00	1.00	gee

Gamma Ray Calibration Report

Serial Number:	FW1401-17	
Tool Model:	GCT_C3	
Performed:	Tue Oct 22 14:11:35 2013	
Calibrator Value:	200.0	GAPI
Background Reading:	34.8	cps
Calibrator Reading:	273.0	cps
Sensitivity:	0.8394	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
DCCL CCL			CHD-STNDRD (1) Standard Cable Head	1.00	1.69	10.00
	10.58					
	10.58					
GR	9.08		GR-GCT_C3 (FW1401-17) Probe Digital Gamma CCL Corrosion	4.77	2.75	50.00

GCT_HV	7.17				
ETEMP	1.00				
Meas	1.00				
ACCZ	0.00				
ACCY	0.00				
ACCX	0.00				
Dataset: chevron_fee51_mac8.db: field/well/run1/merge3.2 Total length: 12.44 ft Total weight: 60.00 lb O.D.: 2.75 in					

Company	Chevron				
Well	FEE-51				
Field	Rangely Weber Sand Unit				
County	Rio Blanco		State	CO	
			Multi Sensor 40 Arm Caliper Average Wall Thickness Gamma Ray CCL		