



Radial Cement
Gamma Ray
CCL Log

Company Chevron Resources

Well NAP Government 2-A

Field South Canyon

County Garfield State Colorado

Location: API #: 05-045-05193

Other Services

SEC 22 TWP 7S RGE 104W

Permanent Datum	Ground Level	Elevation	5582
Log Measured From	KB		
Drilling Measured From	KB		

Elevation

Date	08-Jan-2020
------	-------------

Run Number	One
------------	-----

Depth Driller	4412'
---------------	-------

Depth Logger	4166'
--------------	-------

Bottom Logged Interval	4166'
------------------------	-------

Top Log interval	Surface
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

Open Hole Size	Water
2 1/2 in.	100%
3 in.	100%
3 1/2 in.	100%
4 in.	100%
4 1/2 in.	100%
5 in.	100%
5 1/2 in.	100%
6 in.	100%
6 1/2 in.	100%
7 in.	100%
7 1/2 in.	100%
8 in.	100%
8 1/2 in.	100%
9 in.	100%
9 1/2 in.	100%
10 in.	100%
10 1/2 in.	100%
11 in.	100%
11 1/2 in.	100%
12 in.	100%
12 1/2 in.	100%
13 in.	100%
13 1/2 in.	100%
14 in.	100%
14 1/2 in.	100%
15 in.	100%
15 1/2 in.	100%
16 in.	100%
16 1/2 in.	100%
17 in.	100%
17 1/2 in.	100%
18 in.	100%
18 1/2 in.	100%
19 in.	100%
19 1/2 in.	100%
20 in.	100%
20 1/2 in.	100%
21 in.	100%
21 1/2 in.	100%
22 in.	100%
22 1/2 in.	100%
23 in.	100%
23 1/2 in.	100%
24 in.	100%
24 1/2 in.	100%
25 in.	100%
25 1/2 in.	100%
26 in.	100%
26 1/2 in.	100%
27 in.	100%
27 1/2 in.	100%
28 in.	100%
28 1/2 in.	100%
29 in.	100%
29 1/2 in.	100%
30 in.	100%
30 1/2 in.	100%
31 in.	100%
31 1/2 in.	100%
32 in.	100%
32 1/2 in.	100%
33 in.	100%
33 1/2 in.	100%
34 in.	100%
34 1/2 in.	100%
35 in.	100%
35 1/2 in.	100%
36 in.	100%
36 1/2 in.	100%
37 in.	100%
37 1/2 in.	100%
38 in.	100%
38 1/2 in.	100%
39 in.	100%
39 1/2 in.	100%
40 in.	100%
40 1/2 in.	100%
41 in.	100%
41 1/2 in.	100%
42 in.	100%
42 1/2 in.	100%
43 in.	100%
43 1/2 in.	100%
44 in.	100%
44 1/2 in.	100%
45 in.	100%
45 1/2 in.	100%
46 in.	100%
46 1/2 in.	100%
47 in.	100%
47 1/2 in.	100%
48 in.	100%
48 1/2 in.	100%
49 in.	100%
49 1/2 in.	100%
50 in.	100%
50 1/2 in.	100%
51 in.	100%
51 1/2 in.	100%
52 in.	100%
52 1/2 in.	100%
53 in.	100%
53 1/2 in.	100%
54 in.	100%
54 1/2 in.	100%
55 in.	100%
55 1/2 in.	100%
56 in.	100%
56 1/2 in.	100%
57 in.	100%
57 1/2 in.	100%
58 in.	100%
58 1/2 in.	100%
59 in.	100%
59 1/2 in.	100%
60 in.	100%
60 1/2 in.	100%
61 in.	100%
61 1/2 in.	100%
62 in.	100%
62 1/2 in.	100%
63 in.	100%
63 1/2 in.	100%
64 in.	100%
64 1/2 in.	100%
65 in.	100%
65 1/2 in.	100%
66 in.	100%
66 1/2 in.	100%
67 in.	100%
67 1/2 in.	100%
68 in.	100%
68 1/2 in.	100%
69 in.	100%
69 1/2 in.	100%
70 in.	100%
70 1/2 in.	100%
71 in.	100%
71 1/2 in.	100%
72 in.	100%
72 1/2 in.	100%
73 in.	100%
73 1/2 in.	100%
74 in.	100%
74 1/2 in.	100%
75 in.	100%
75 1/2 in.	100%
76 in.	100%
76 1/2 in.	100%
77 in.	100%
77 1/2 in.	100%</

typical / Viscosity	9.34
---------------------	------

May Recorded Tonn	170 Dec E
-------------------	-----------

Estimated Cement Ton	3680'
----------------------	-------

Time Well Ready	OA
-----------------	----

Time Loader on Bottom	11:00
-----------------------	-------

Equipment Number	W-119
------------------	-------

Location	Vernal Ut
----------	-----------

Recorded By	E Atwood
-------------	----------

Witnessed By	K. Heij
--------------	---------

Borehole Record		
Depth	Remarks	Time
0.0	Surface	10:00
1.0	1.0 m depth	10:05
2.0	2.0 m depth	10:10
3.0	3.0 m depth	10:15
4.0	4.0 m depth	10:20
5.0	5.0 m depth	10:25
6.0	6.0 m depth	10:30
7.0	7.0 m depth	10:35
8.0	8.0 m depth	10:40
9.0	9.0 m depth	10:45
10.0	10.0 m depth	10:50
11.0	11.0 m depth	10:55
12.0	12.0 m depth	11:00
13.0	13.0 m depth	11:05
14.0	14.0 m depth	11:10
15.0	15.0 m depth	11:15
16.0	16.0 m depth	11:20
17.0	17.0 m depth	11:25
18.0	18.0 m depth	11:30
19.0	19.0 m depth	11:35
20.0	20.0 m depth	11:40
21.0	21.0 m depth	11:45
22.0	22.0 m depth	11:50
23.0	23.0 m depth	11:55
24.0	24.0 m depth	12:00
25.0	25.0 m depth	12:05
26.0	26.0 m depth	12:10
27.0	27.0 m depth	12:15
28.0	28.0 m depth	12:20
29.0	29.0 m depth	12:25
30.0	30.0 m depth	12:30
31.0	31.0 m depth	12:35
32.0	32.0 m depth	12:40
33.0	33.0 m depth	12:45
34.0	34.0 m depth	12:50
35.0	35.0 m depth	12:55
36.0	36.0 m depth	13:00
37.0	37.0 m depth	13:05
38.0	38.0 m depth	13:10
39.0	39.0 m depth	13:15
40.0	40.0 m depth	13:20
41.0	41.0 m depth	13:25
42.0	42.0 m depth	13:30
43.0	43.0 m depth	13:35
44.0	44.0 m depth	13:40
45.0	45.0 m depth	13:45
46.0	46.0 m depth	13:50
47.0	47.0 m depth	13:55
48.0	48.0 m depth	14:00
49.0	49.0 m depth	14:05
50.0	50.0 m depth	14:10
51.0	51.0 m depth	14:15
52.0	52.0 m depth	14:20
53.0	53.0 m depth	14:25
54.0	54.0 m depth	14:30
55.0	55.0 m depth	14:35
56.0	56.0 m depth	14:40
57.0	57.0 m depth	14:45
58.0	58.0 m depth	14:50
59.0	59.0 m depth	14:55
60.0	60.0 m depth	15:00
61.0	61.0 m depth	15:05
62.0	62.0 m depth	15:10
63.0	63.0 m depth	15:15
64.0	64.0 m depth	15:20
65.0	65.0 m depth	15:25
66.0	66.0 m depth	15:30
67.0	67.0 m depth	15:35
68.0	68.0 m depth	15:40
69.0	69.0 m depth	15:45
70.0	70.0 m depth	15:50
71.0	71.0 m depth	15:55
72.0	72.0 m depth	16:00
73.0	73.0 m depth	16:05
74.0	74.0 m depth	16:10
75.0	75.0 m depth	16:15
76.0	76.0 m depth	16:20
77.0	77.0 m depth	16:25
78.0	78.0 m depth	16:30
79.0	79.0 m depth	16:35
80.0	80.0 m depth	16:40
81.0	81.0 m depth	16:45
82.0	82.0 m depth	16:50
83.0	83.0 m depth	16:55
84.0	84.0 m depth	17:00
85.0	85.0 m depth	17:05
86.0	86.0 m depth	17:10
87.0	87.0 m depth	17:15
88.0	88.0 m depth	17:20
89.0	89.0 m depth	17:25
90.0	90.0 m depth	17:30
91.0	91.0 m depth	17:35
92.0	92.0 m depth	17:40
93.0	93.0 m depth	17:45
94.0	94.0 m depth	17:50
95.0	95.0 m depth	17:55
96.0	96.0 m depth	18:00
97.0	97.0 m depth	18:05
98.0	98.0 m depth	18:10
99.0	99.0 m depth	18:15
100.0	100.0 m depth	18:20

Kauf Nummer	Dil	F1000	10
-------------	-----	-------	----

--	--	--	--

Casing Record	Size	Wgt
---------------	------	-----

Surface String	7"	23
----------------	----	----

Control string		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

Production Scheduling		

Comments

Log Correlated To Surface Well Head

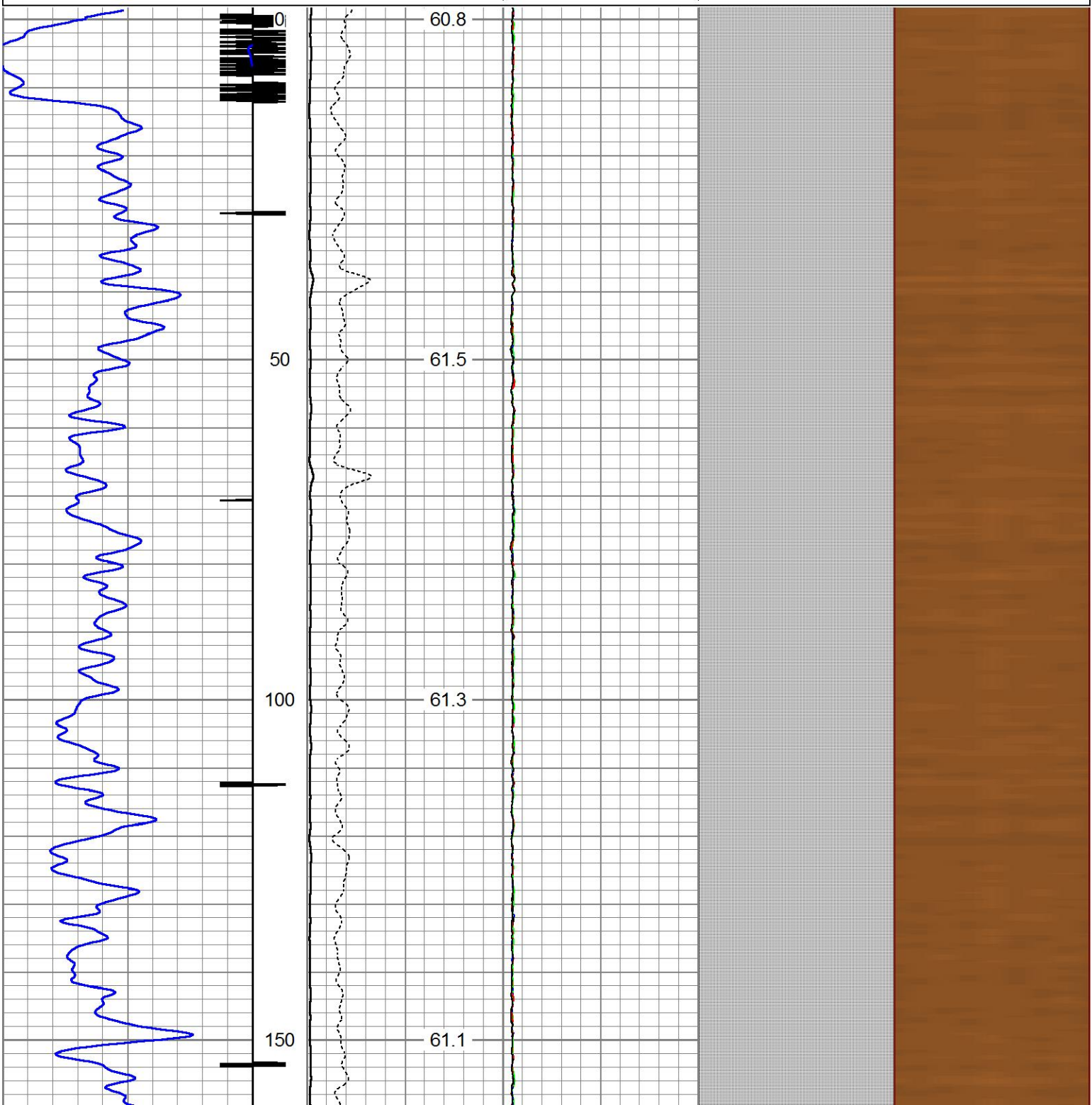
Main Pass

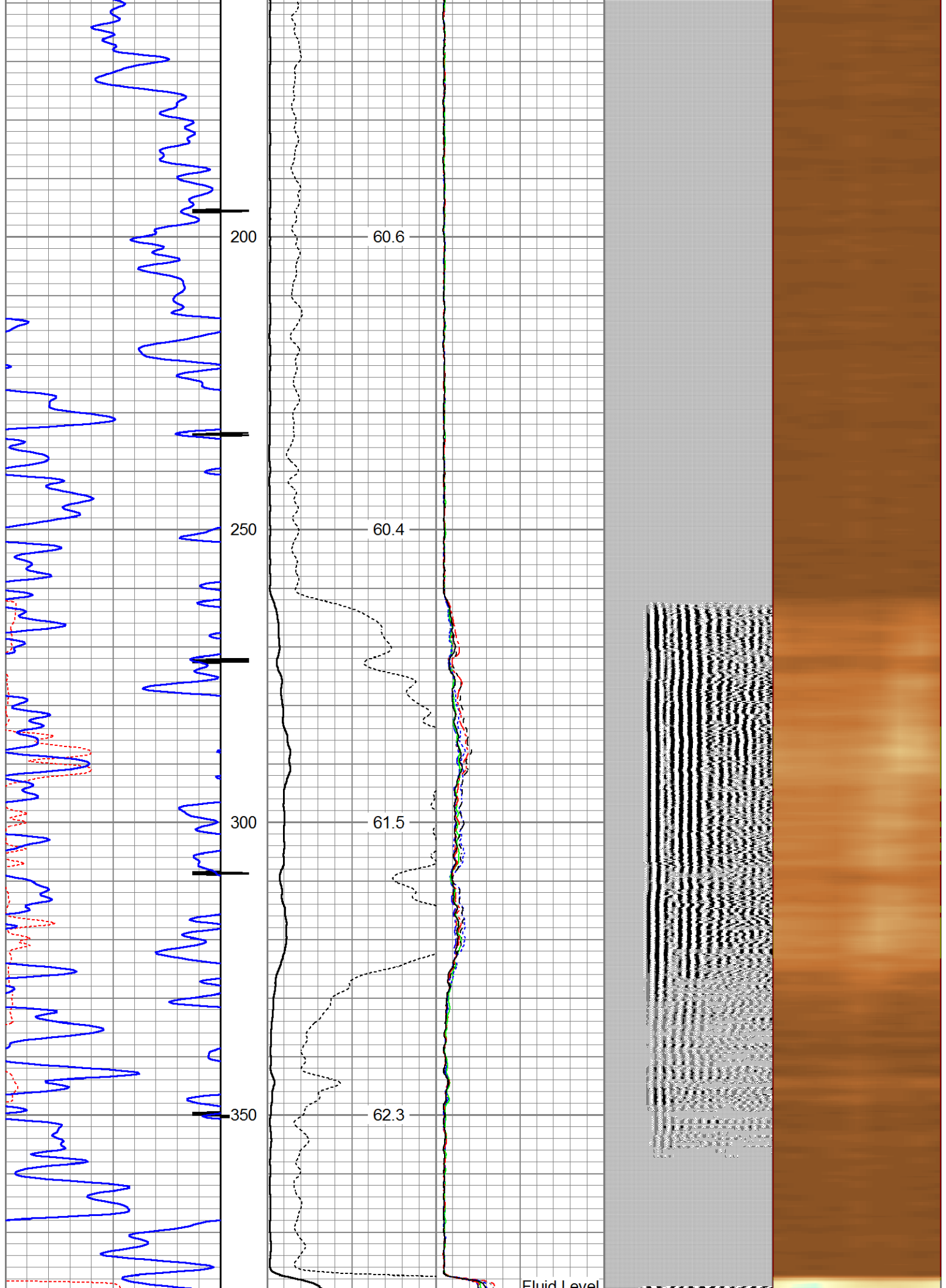
Logged With 0 PSI Surface Pressure

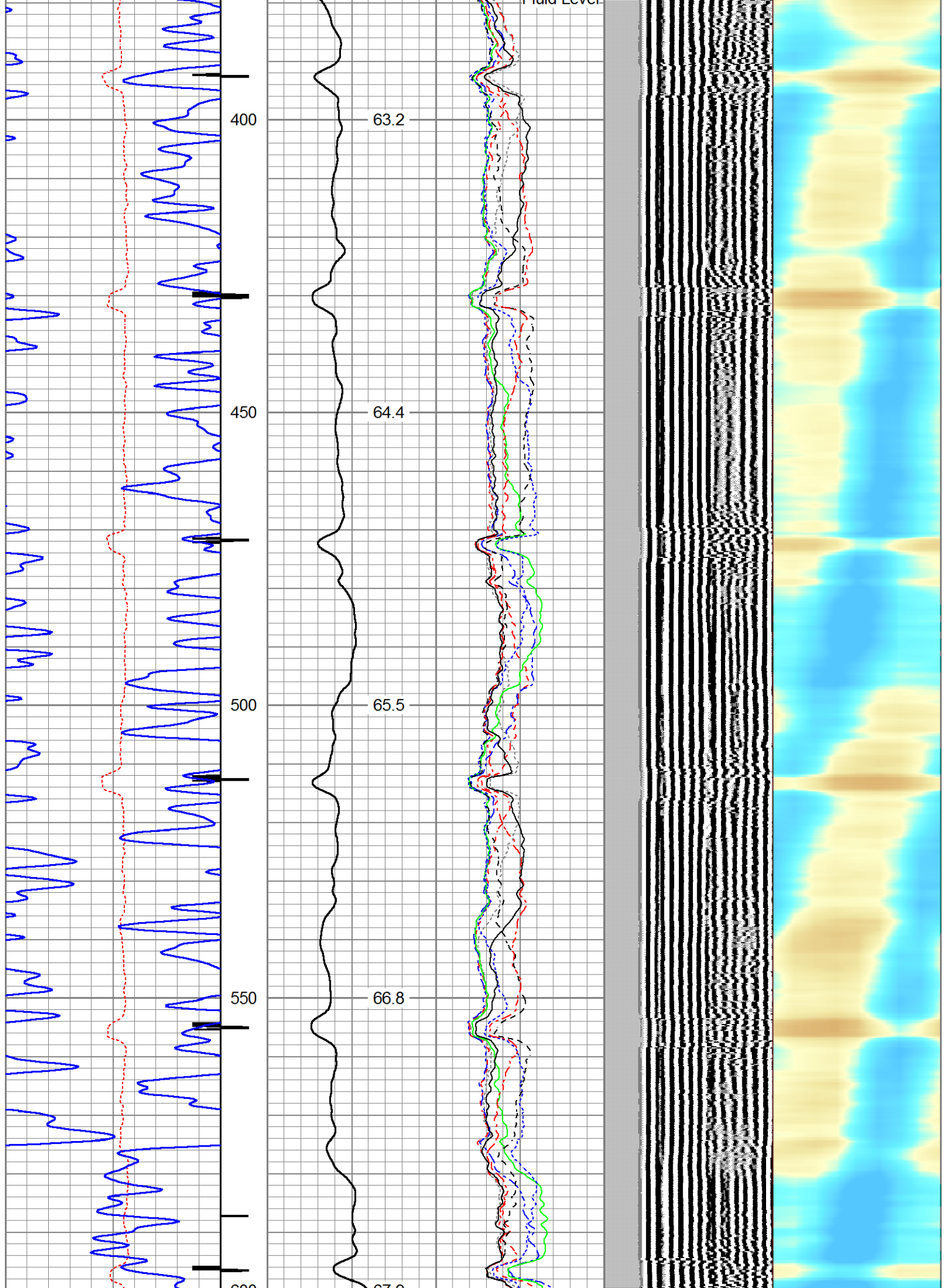


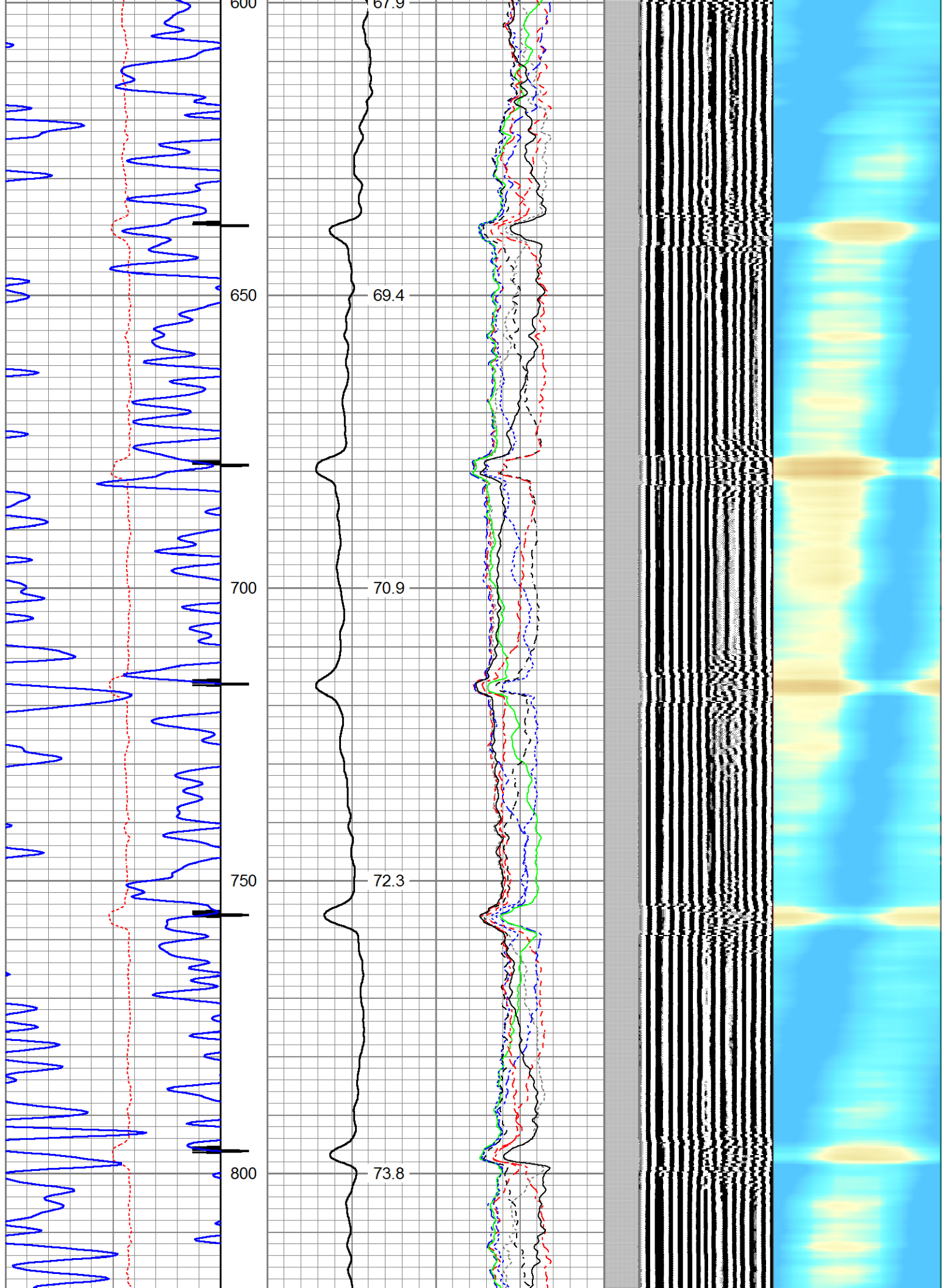
Database File	nap government 2-a.db
Dataset Pathname	pass2.1
Presentation Format	rbl55
Dataset Creation	Wed Jan 08 11:34:42 2020
Charted by	Depth in Feet scaled 1:240

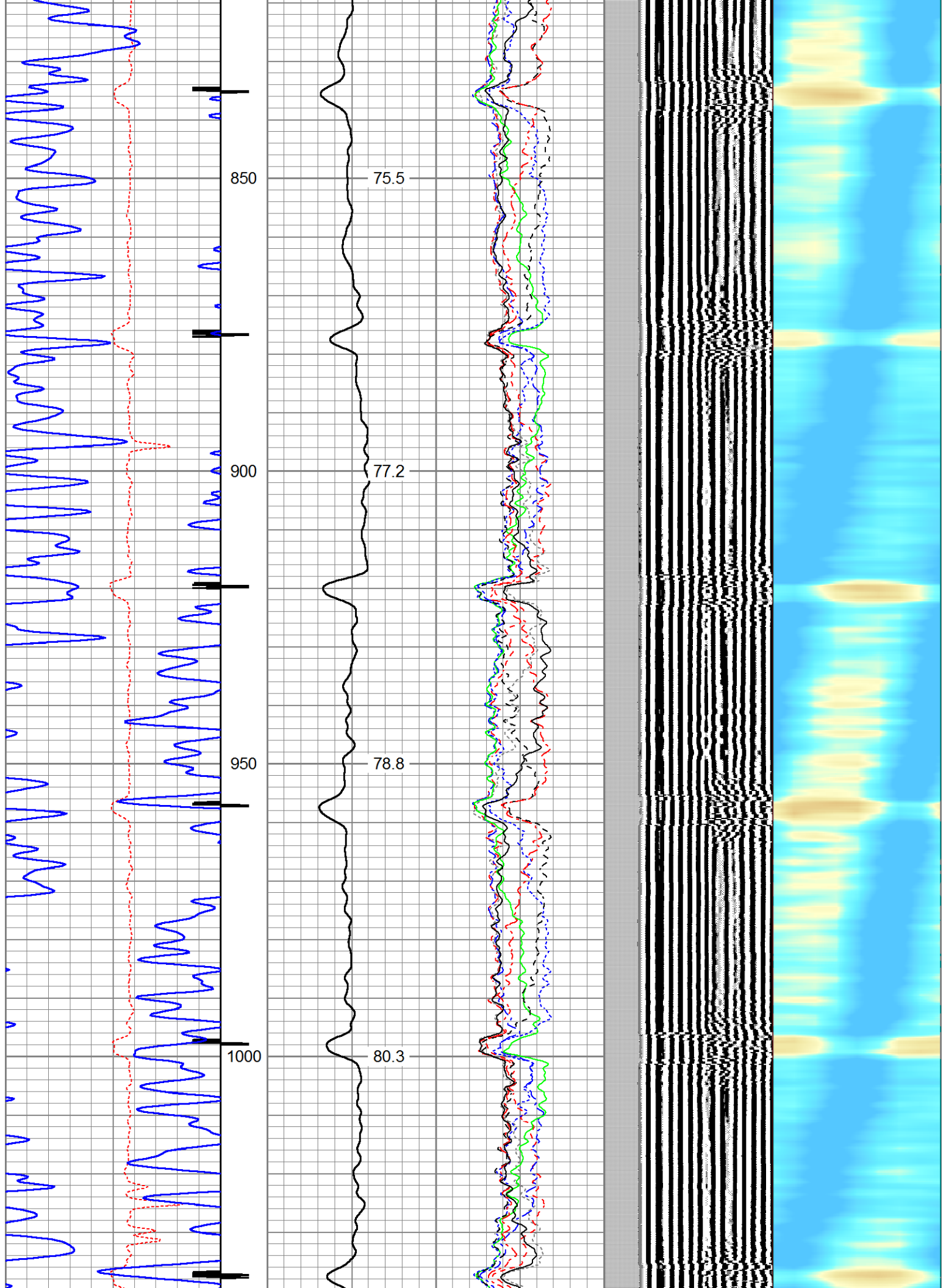
343	TT (usec)	243	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL (usec)	1200	Cement Map
0	GR (GAPI)	150		Amplified Amplitude		-5	AMPS3	150				
		CCL	0	(mV)	10	-5	AMPS4	150				
				TEMP		-5	AMPS5	150				
				(degF)		-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				
						-5	AMPS1	150				

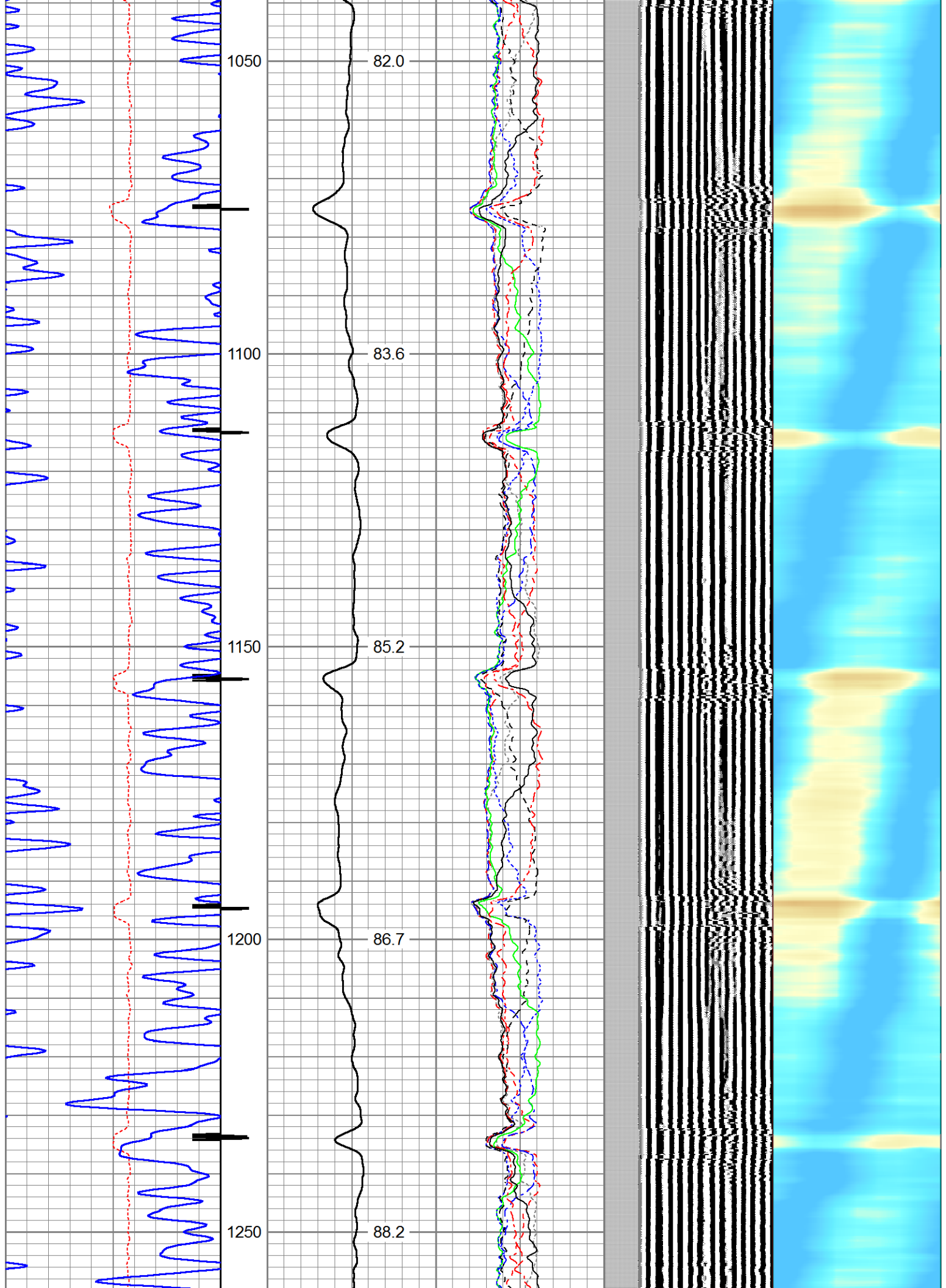


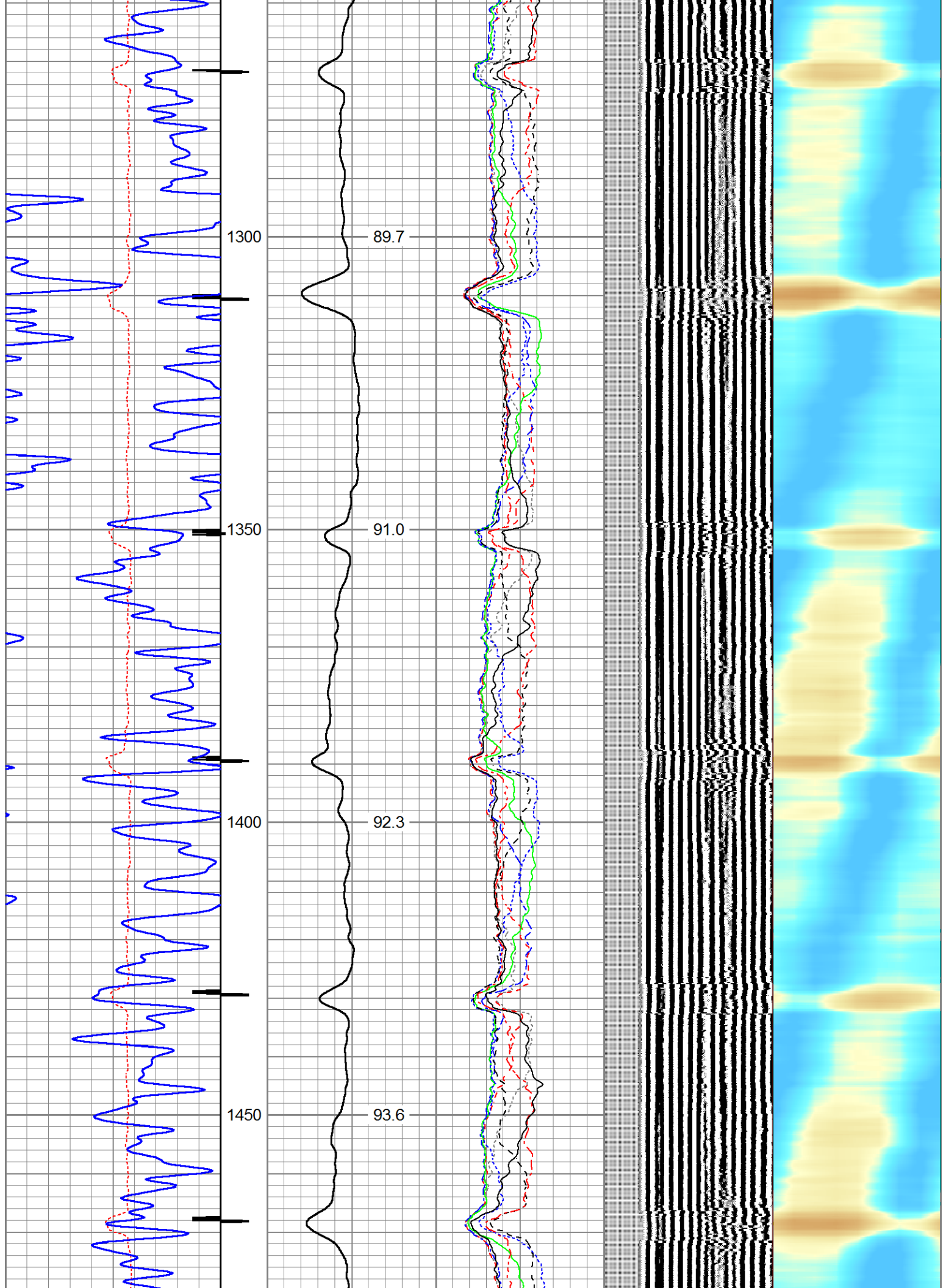


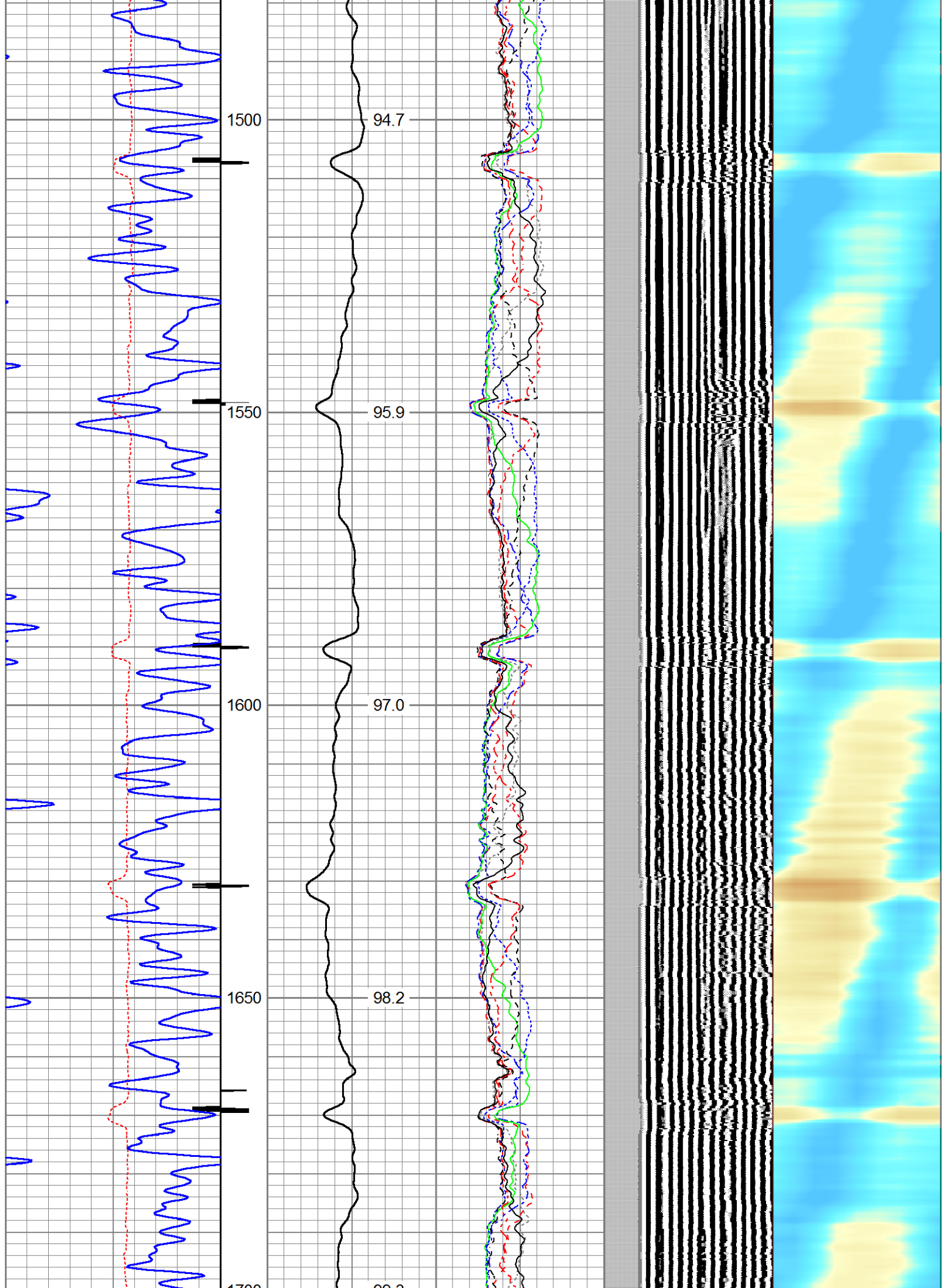


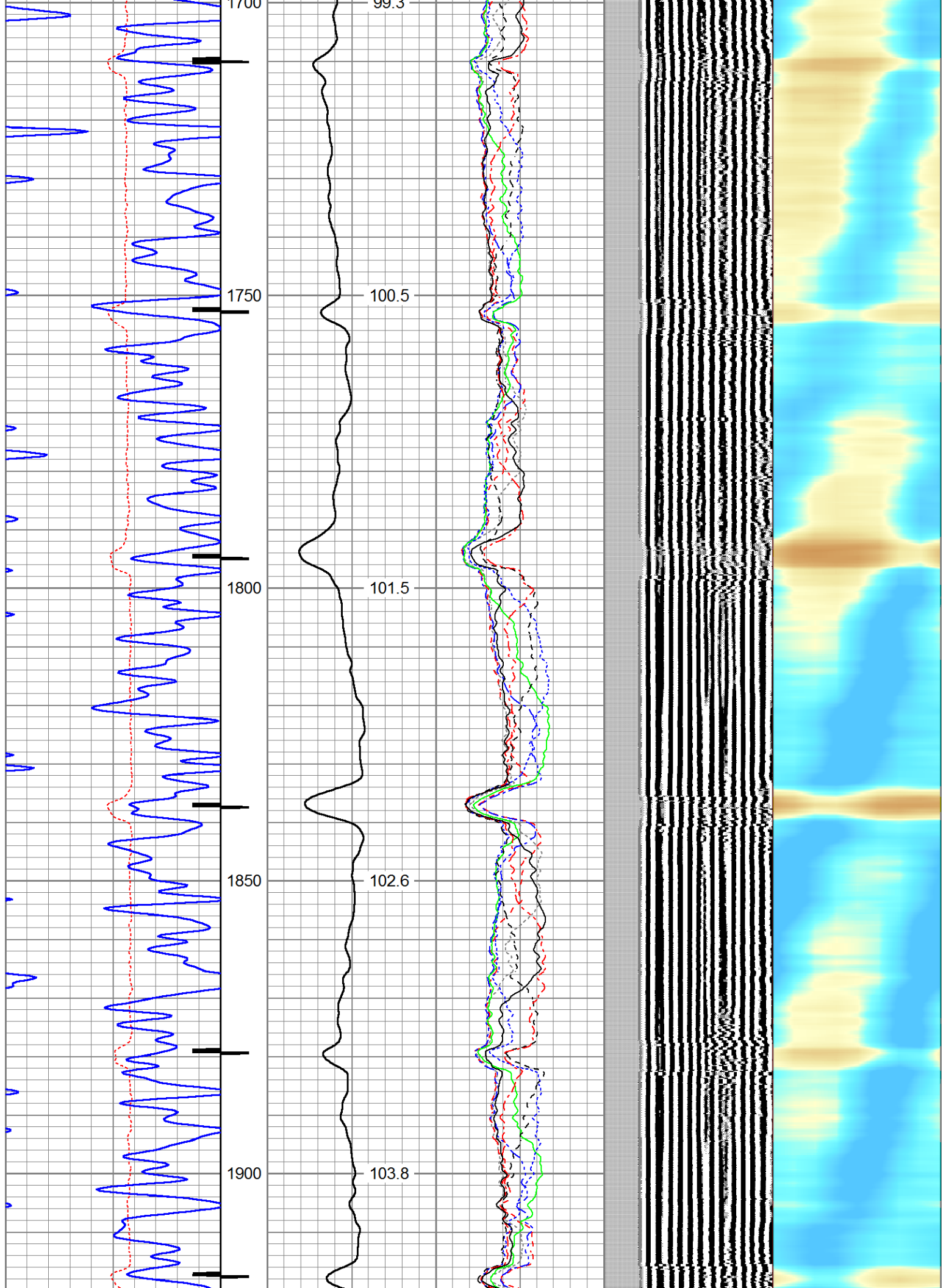


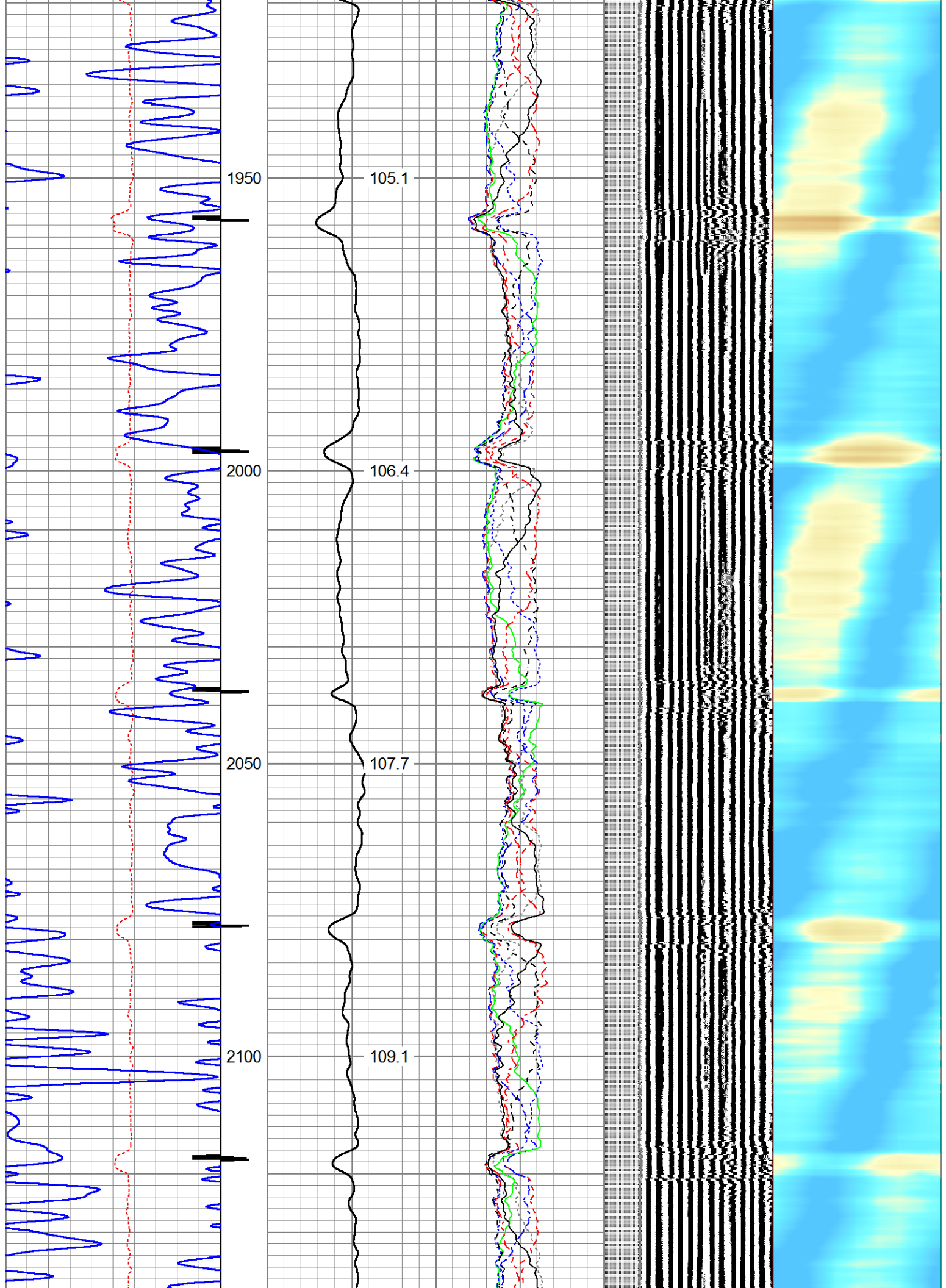


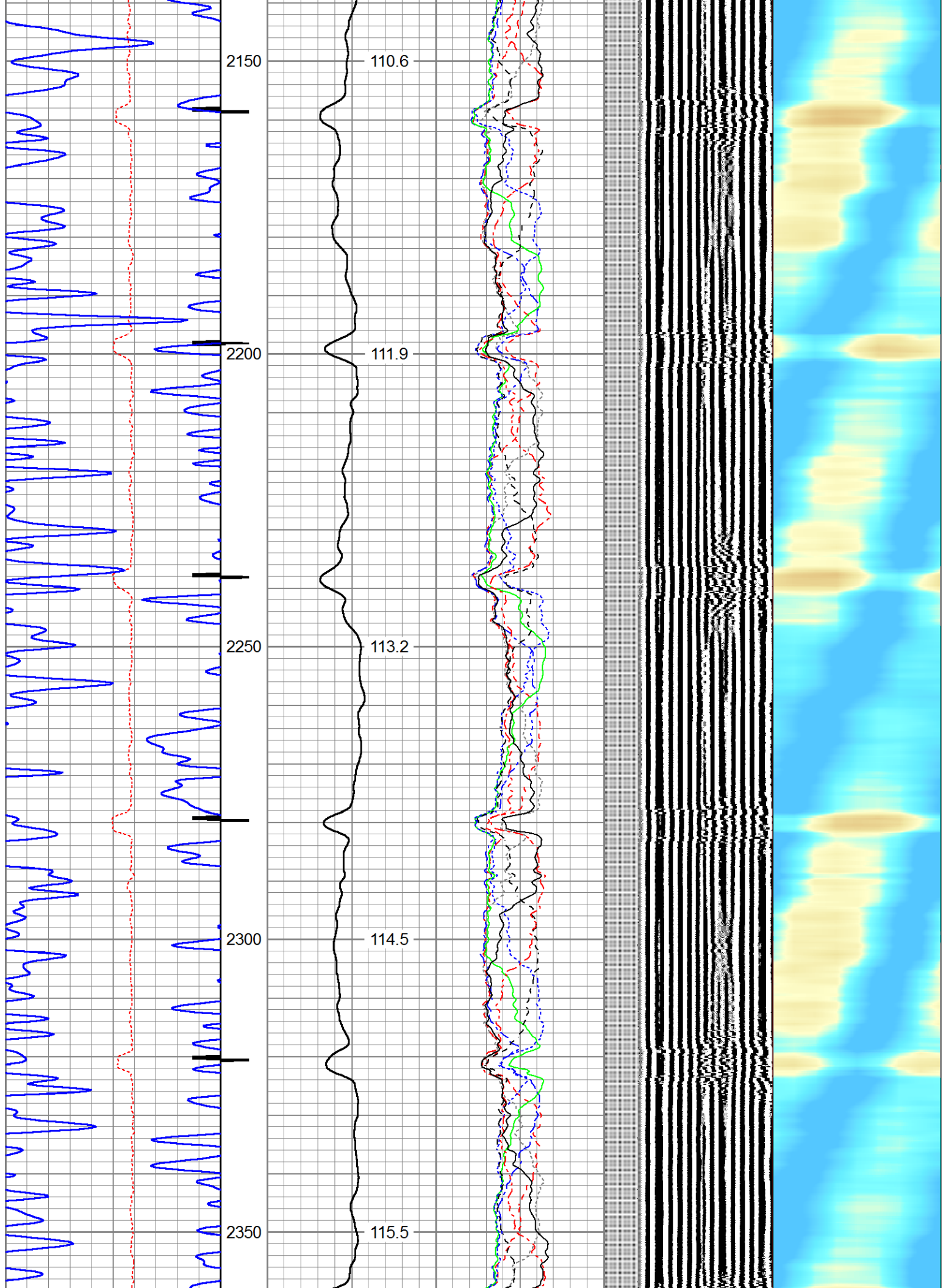


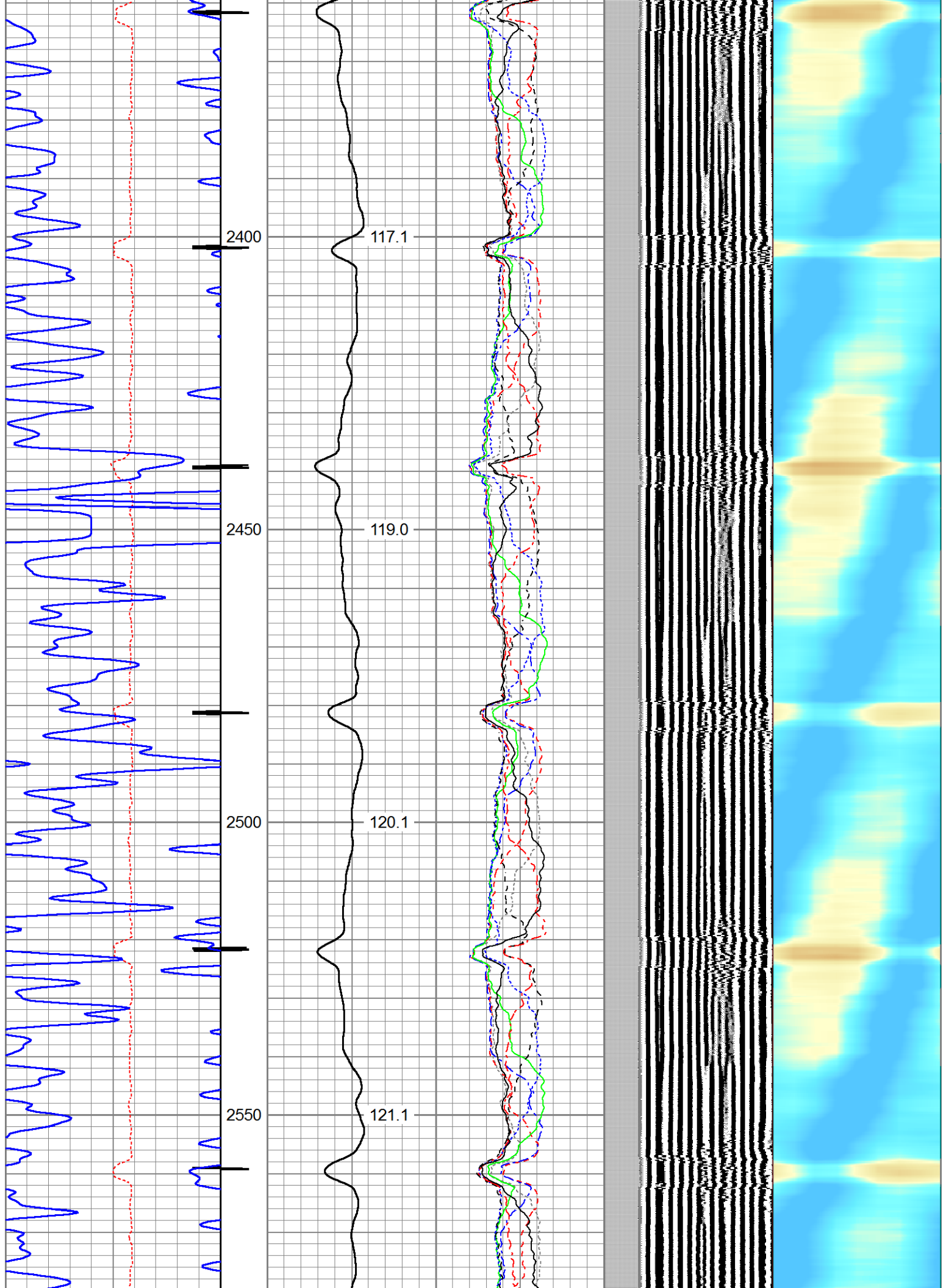


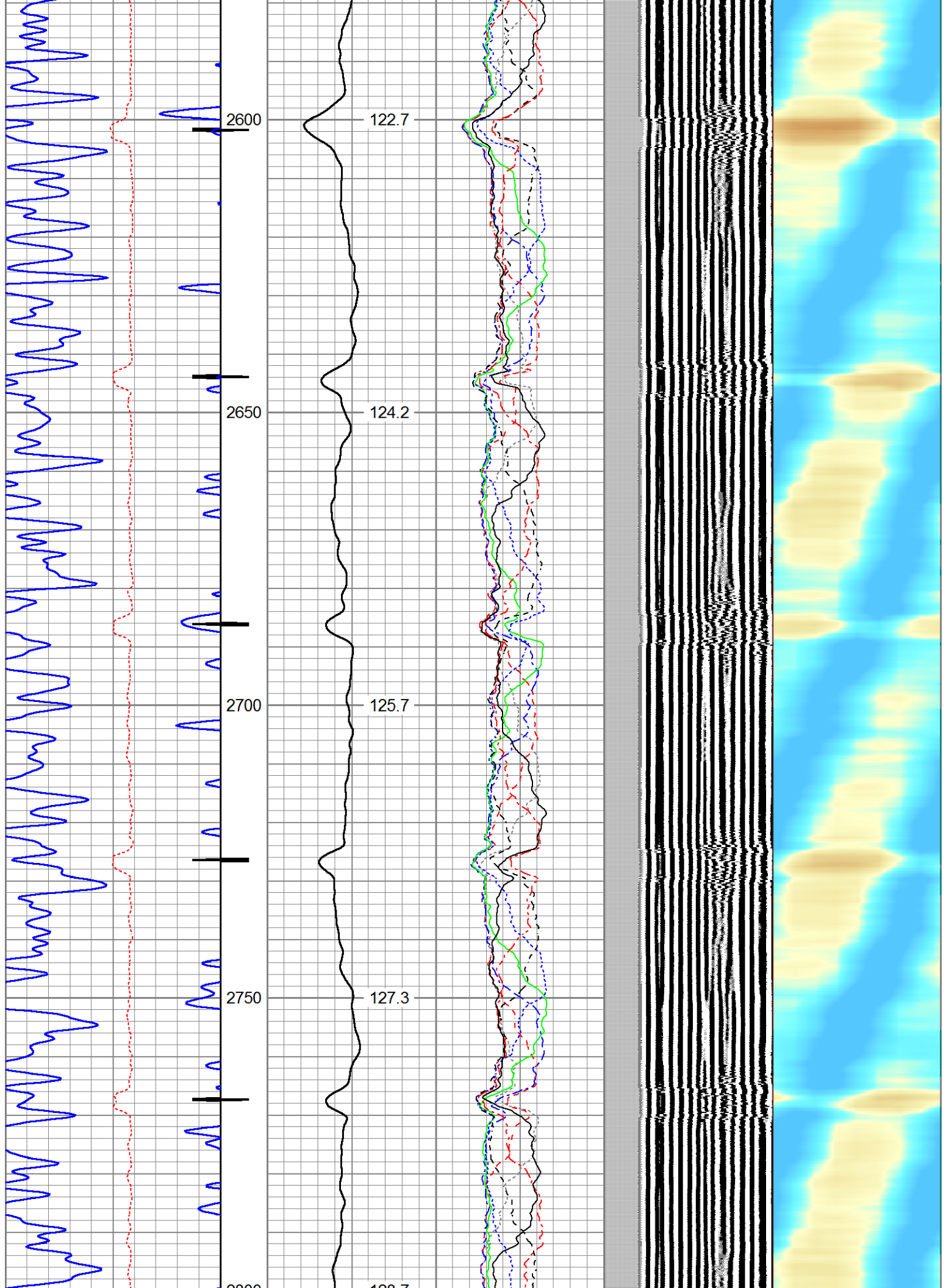


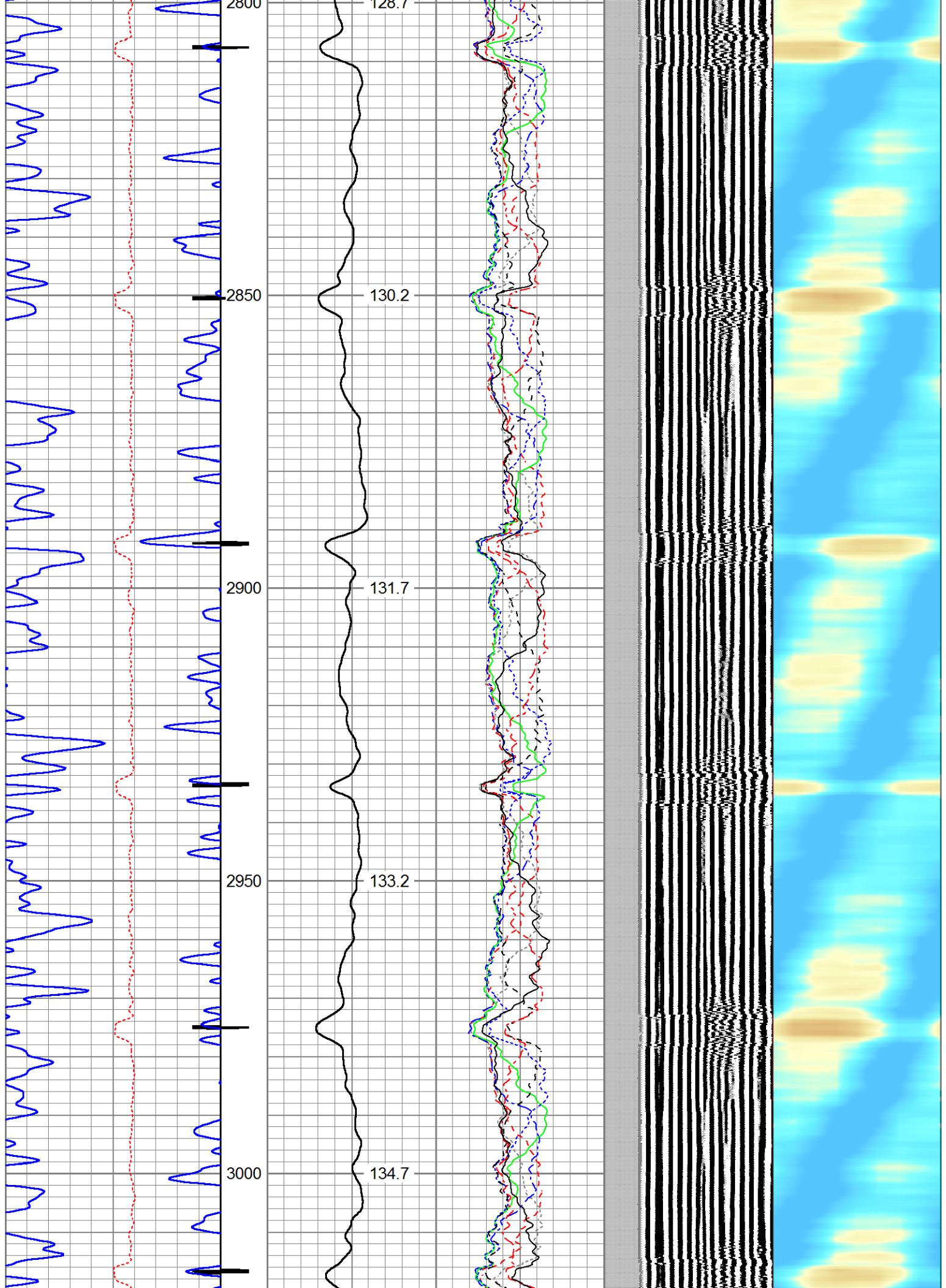


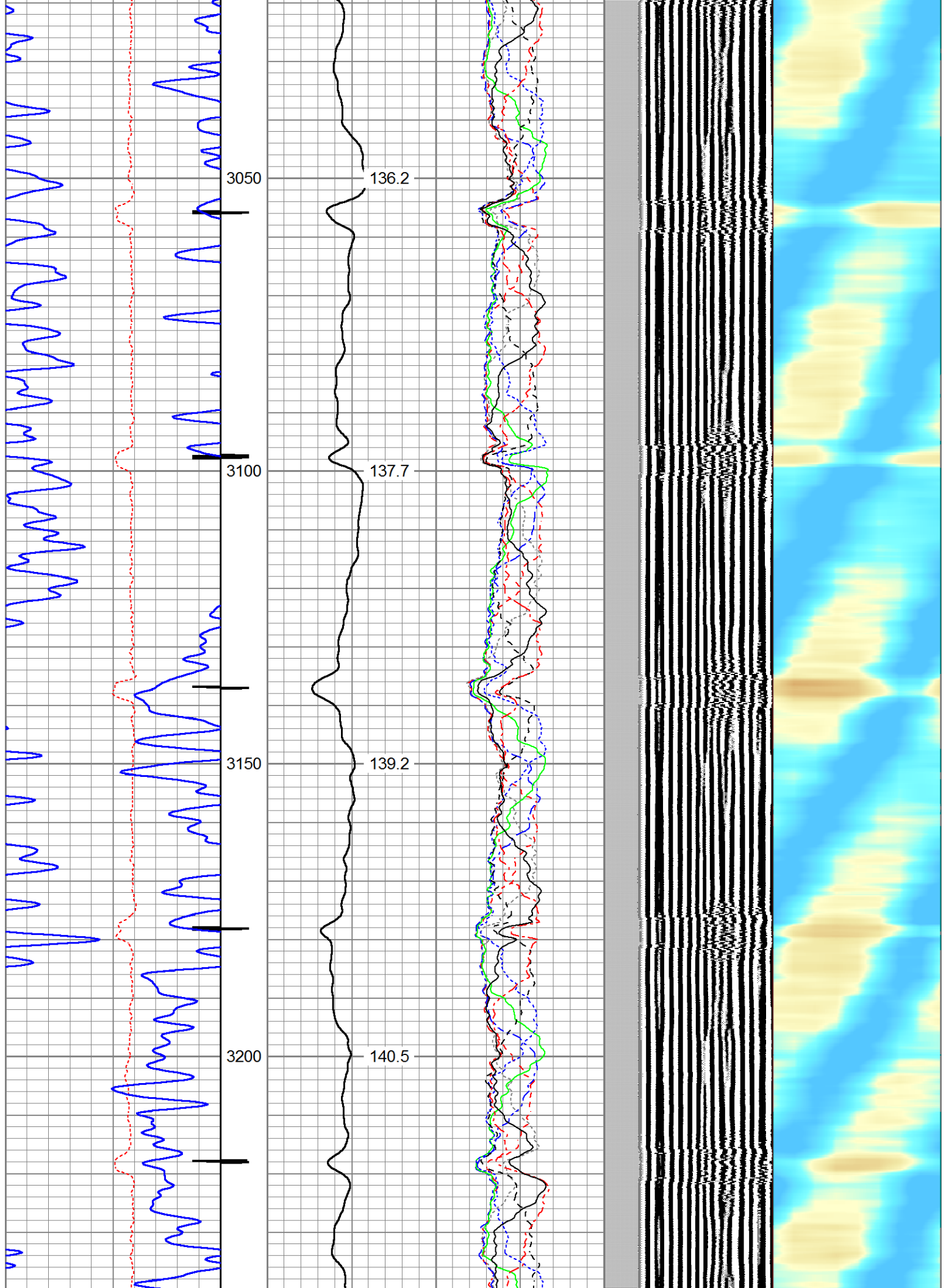


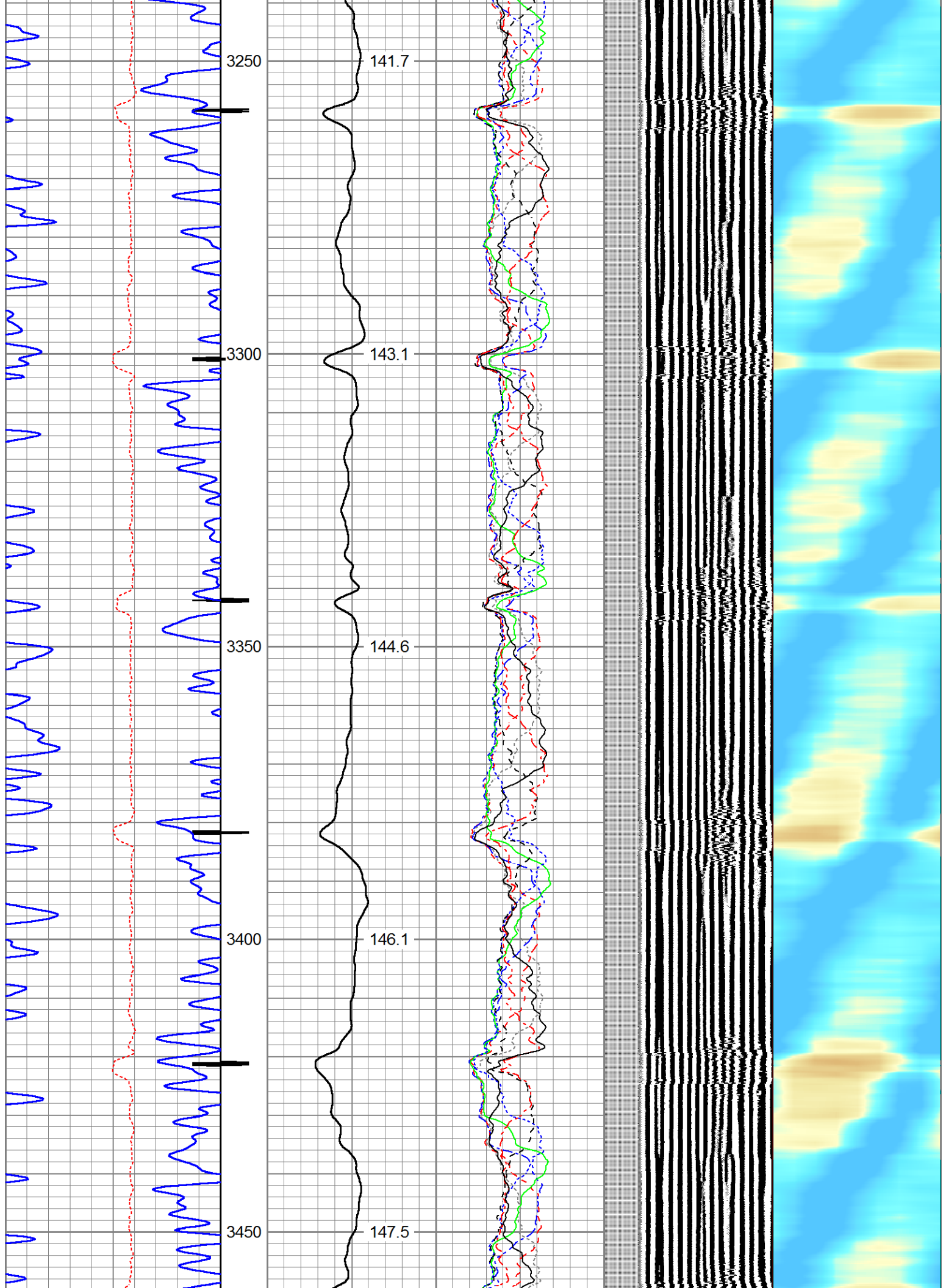


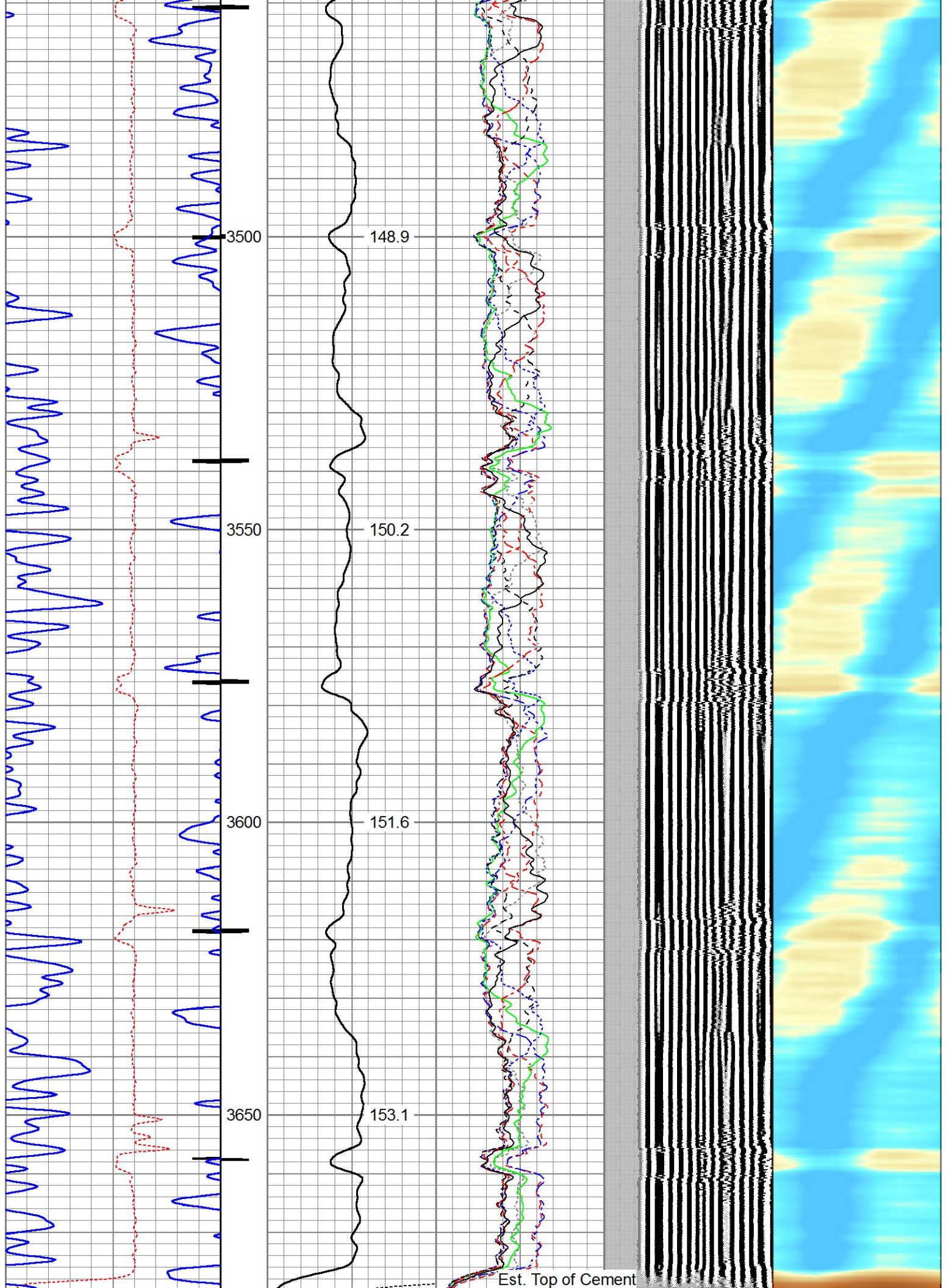


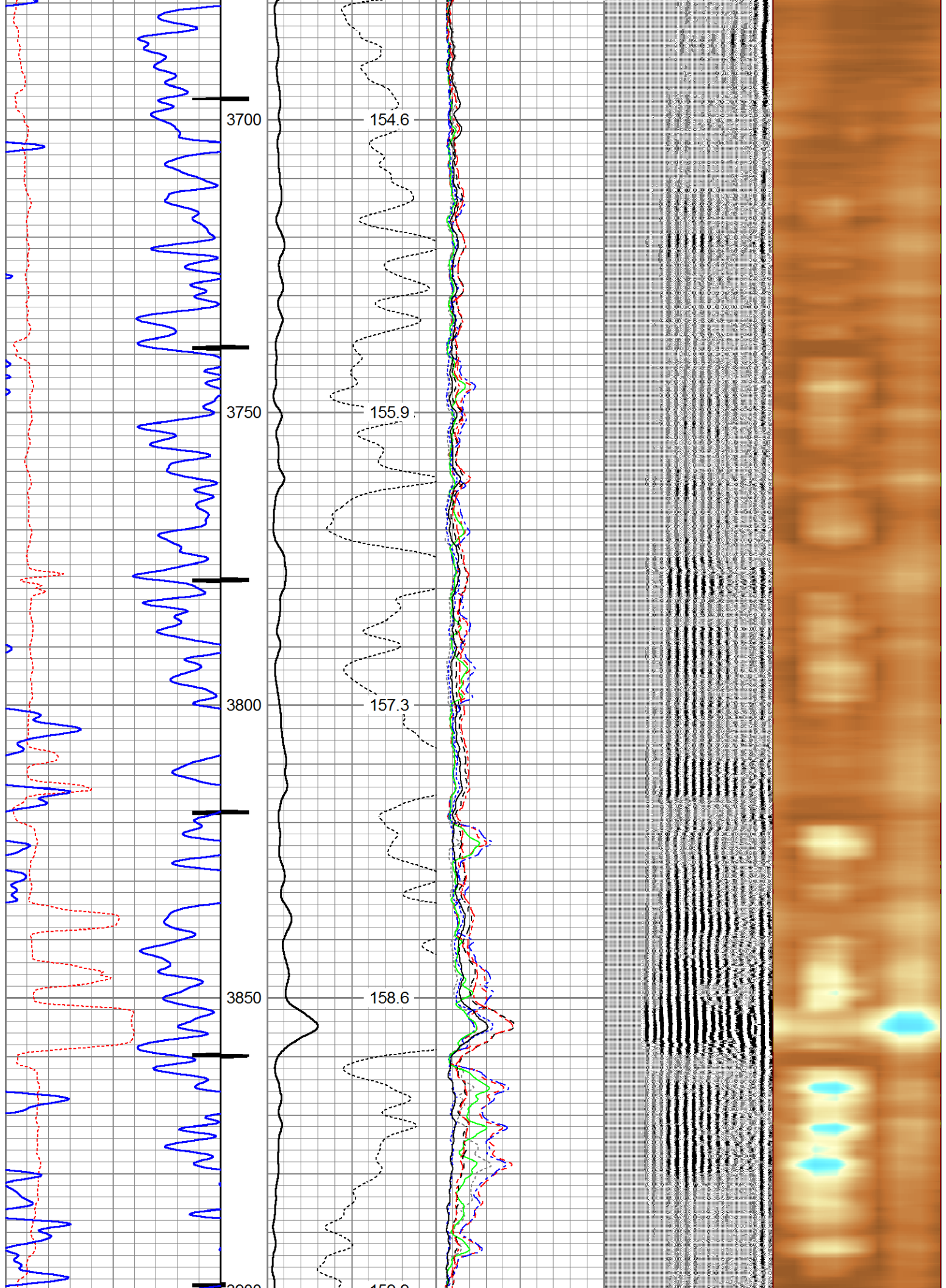


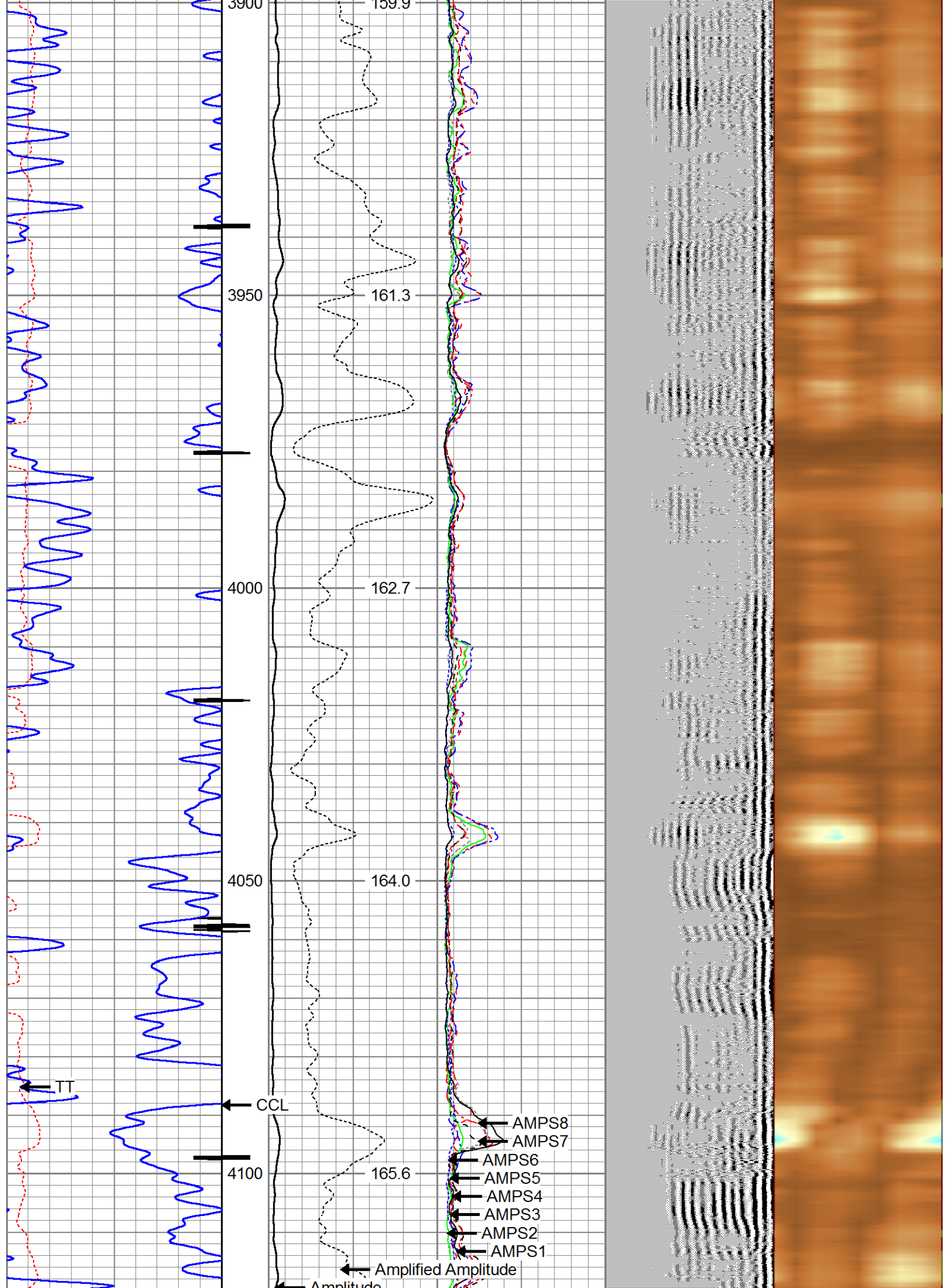


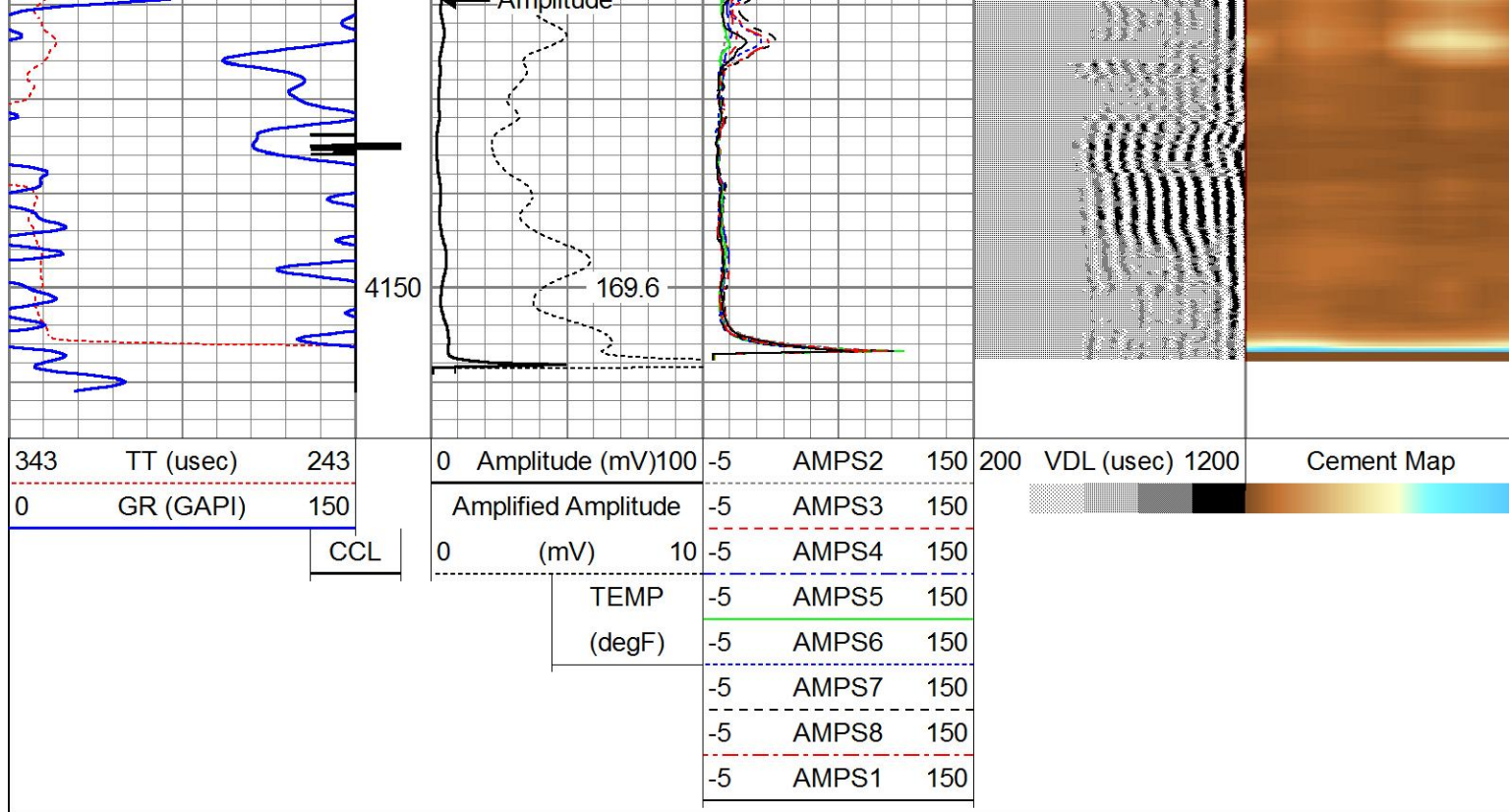








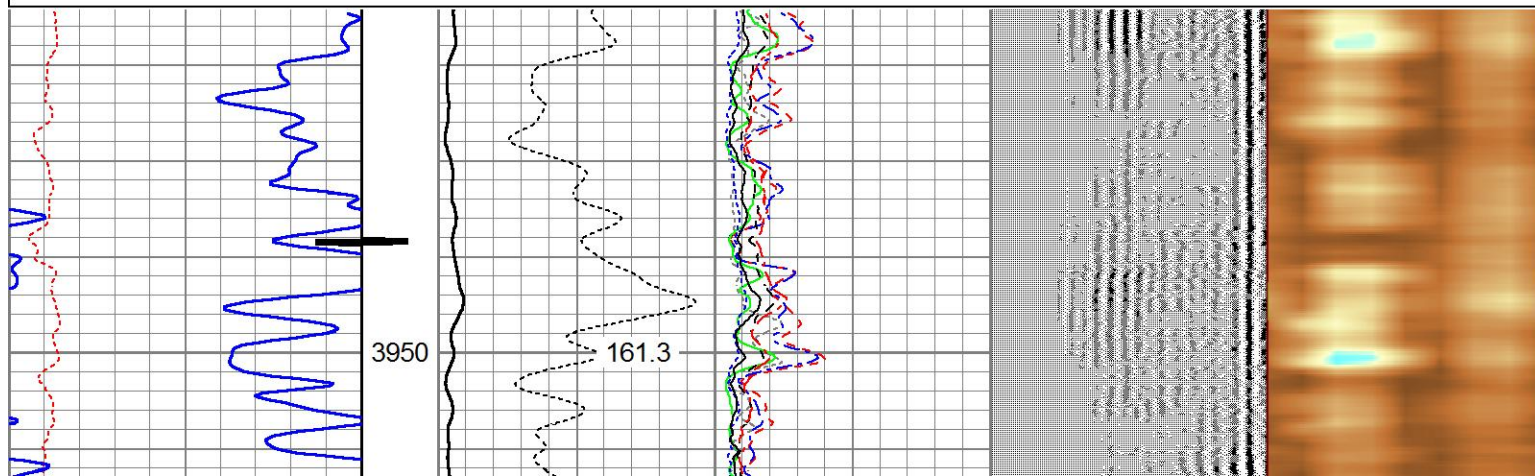
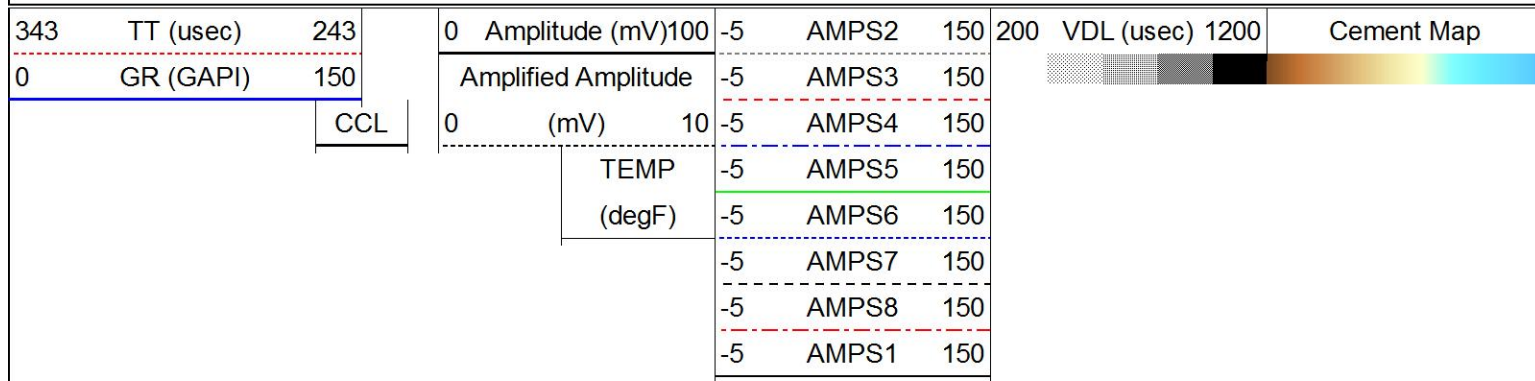


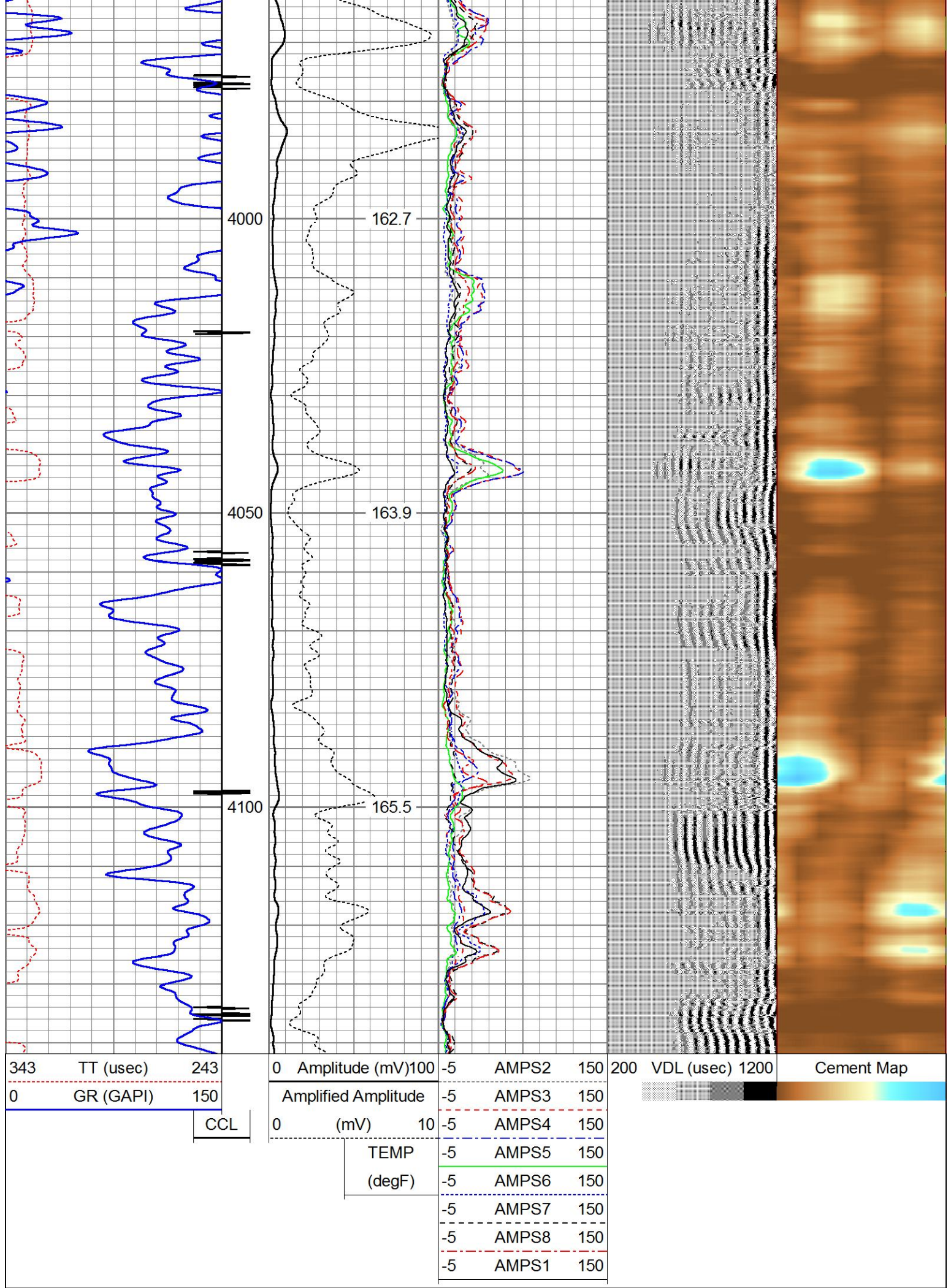






Repeat Pass

Logged With 0 PSI Surface Pressure

Database File: nap goverment 2-a.db
 Dataset Pathname: pass1
 Presentation Format: rbl55
 Dataset Creation: Wed Jan 08 10:42:59 2020
 Charted by: Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
IntTemp	12.75		Cable-Head-Titan 1 7/16" Cable Head	1.00	1.44	1.00
			CENT-Probe	2.83	2.75	40.00
WVFS8	9.58		RBT-Probe (060113_45) Probe Radii Bond Tool with Digital Telemetry	8.75	2.75	90.00
WVFS7	9.58					
WVFS6	9.58					
WVFS5	9.58					
WVFS4	9.58					
WVFS3	9.58					
WVFS2	9.58					
WVFS1	9.58					
WVFCAL	9.58					
WVF3FT	9.58					
WVF5FT	8.50					
CCL	4.75					
GR	2.25		GR-Probe (060109) Probe 2.75" 4 Channel Pulse	4.00	2.75	30.00
TEMP	0.08		TEMP-1.375TEMP (060110) Temperature Tool	1.25	1.38	30.00

Dataset:
Total length:
Total weight:

nap government 2-a.db: field/well/run1/pass2.1
17.83 ft
191.00 lb

O.D.: 2.75 in