

- | |
|---|
| <ul style="list-style-type: none"> - PPC was configured as eccentricizer. - CMR logging mode: Expert B mode with EPM on. - CMR logging speed 900 ft/hr. - Repeat pass to cover 3210–3110 as requested. - Wiper trip planned after CMR+ run and before MDT. - ECRD run in place of mechanical weakpoint for every run. |
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| |

RUN 1 SERVICE ORDER #: PROGRAM VERSION: 19C1-222 FLUID LEVEL: 0 m			RUN 2 SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION	
1	...
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98	...
99	...
100	...

	RUN 1	RUN 2
1	1	1
2	1	1
3	1	1
4	1	1
5	1	1
6	1	1
7	1	1
8	1	1
9	1	1
10	1	1
11	1	1
12	1	1
13	1	1
14	1	1
15	1	1
16	1	1
17	1	1
18	1	1
19	1	1
20	1	1
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30	1	1
31	1	1
32	1	1
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82	1	1
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85	1	1
86	1	1
87	1	1
88	1	1
89	1	1
90	1	1
91	1	1
92	1	1
93	1	1
94	1	1
95	1	1
96	1	1
97	1	1
98	1	1
99	1	1
100	1	1

SURFACE EQUIPMENT	
1	1.1
2	2.1
3	3.1
4	4.1
5	5.1
6	6.1
7	7.1
8	8.1
9	9.1
10	10.1
11	11.1
12	12.1
13	13.1
14	14.1
15	15.1
16	16.1
17	17.1
18	18.1
19	19.1
20	20.1
21	21.1
22	22.1
23	23.1
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30	30.1
31	31.1
32	32.1
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36	36.1
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43	43.1
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45	45.1
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52	52.1
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65	65.1
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67	67.1
68	68.1
69	69.1
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72	72.1
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79	79.1
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81	81.1
82	82.1
83	83.1
84	84.1
85	85.1
86	86.1
87	87.1
88	88.1
89	89.1
90	90.1
91	91.1
92	92.1
93	93.1
94	94.1
95	95.1
96	96.1
97	97.1
98	98.1
99	99.1
100	100.1

WITM (EDTS)-A

DOWNHOLE EQUIPMENT

LEH-QT_ECRD 4308		12.66
LEH-QT_ECRD		

LEH-QT_ECRD 4308		12.66
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EDTC	MDSB_EDTC	Mud	Tempe		
				11.77	11.77

EDTC	MDSB_EDTC	Mud	Tempe		
				11.77	11.77

EDTC-B

MDSB_EDTC
Mud Tempe

11.77 11.77

EDTC-B	EDTH-B 8466	EDTC-B 8479	EDTG-A/B 77415
11.77	11.77	11.77	11.77

CTEM	10.70
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CTEM	10.70
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Variable	Value
Gamma Ray	10.13
EFTB DIAG	0.5 IN
TelStatus	Standoff
EDTCB Ele	9.78

Gamma Ray	10.13	0.5 IN
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Gamma Ray
EFTB DIAG

EDTCB Ele	9.78
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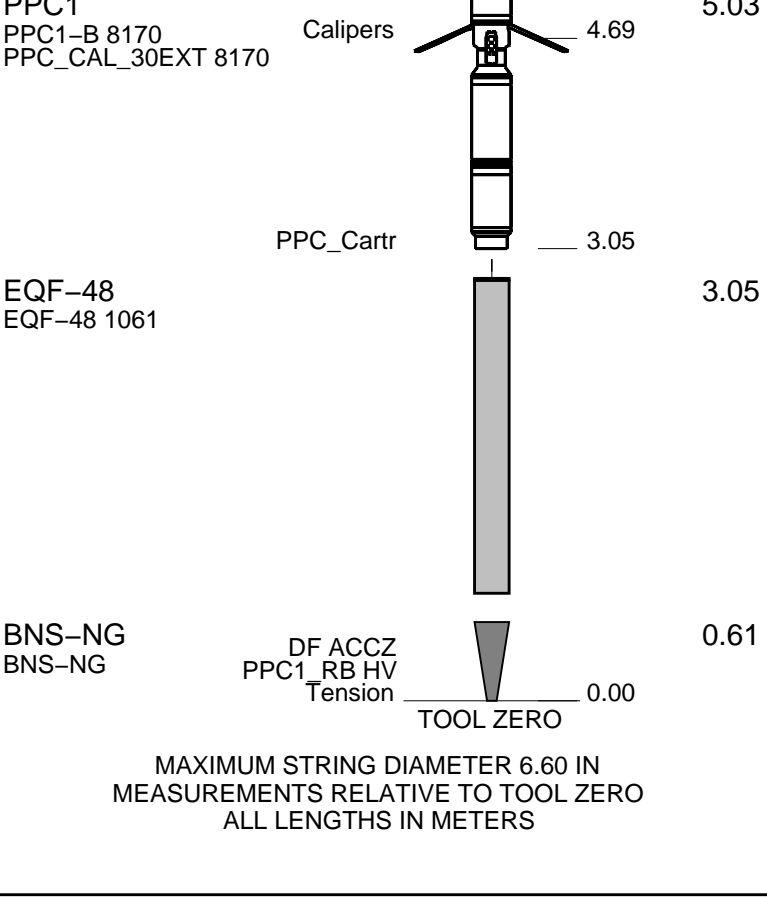
CMRT-B		9.78
CMRH-AA		
CMRS-BA 196		
CMRC-B 215		
EME-F		

CMRT-B		9.78
--------	---	------

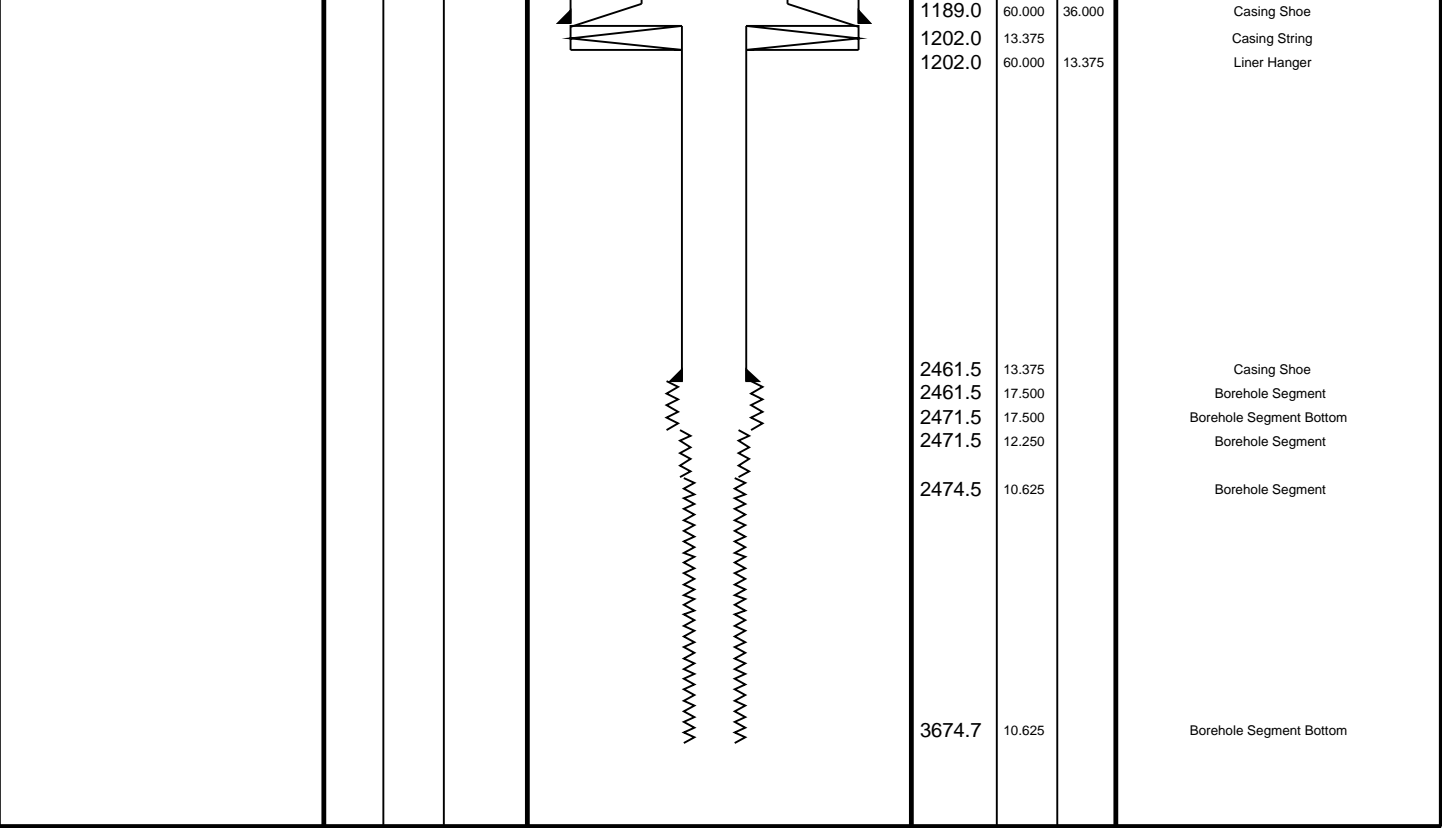
CMR-B Raw			
CMR-B Sen			5.62

CMR-B Raw			
CMR-B Sen			5.62

CMR-B Dia 5.03CMR-B Dia 5.03



Production String	(in)			Well Schematic	(m)			Casing String
	OD	ID	MD		MD	OD	ID	
Derrick Floor Elevation			28.5					
Mean Sea Level			0.0					
Seismic Gun depth below MSL			5.0					
					0.0	60.000	36.000	Casing String, Marine Riser
Bell Nipple Guide, Subsea BOP	60.000	36.000	1189.0					



Main Log 1:200

MAXIS Field Log

Company: JAMSTEC Well: C0020A

Input DLIS Files

DEFAULT	CAL_CM_049LUP	FN:113	PRODUCER	11-Sep-2012 08:09	3673.4 M	2448.3 M
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Output DLIS Files

DEFAULT	CAL_CM_051PUP	FN:119	PRODUCER	11-Sep-2012 12:50	3673.6 M	2448.5 M
BKUP	CAL_CM_051PUP	FN:120	PRODUCER	11-Sep-2012 12:50	3673.6 M	2448.5 M
CLIENT	CAL_CM_051PUC	FN:121	CUSTOMER	11-Sep-2012 12:50	3673.6 M	2448.5 M

CMR DEPTH LOG REPORT

PARAMETER SUMMARY

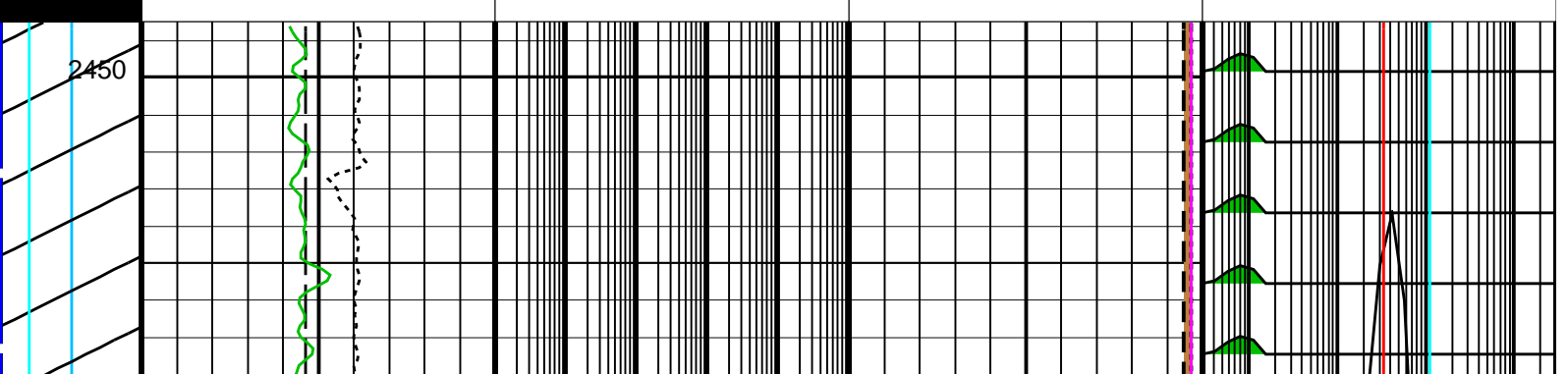
PARAMETER SUMMARY

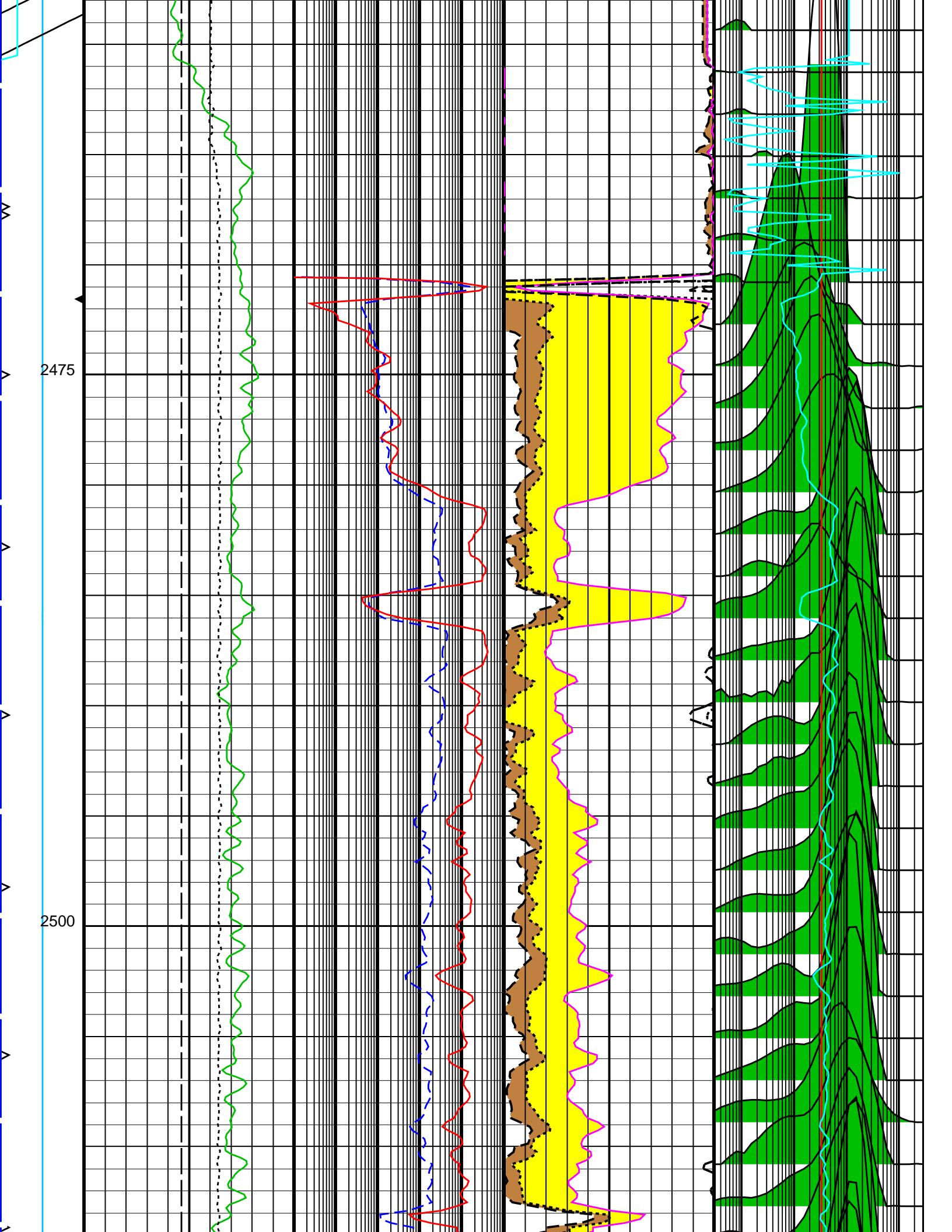
Tool Type: CMR-Plus	Cart. Number: 215	Sonde Number: 196	
Kit Number: 28	DHC Version : 17.2	DSP Version : 14	SP Version : 10182006
Mode: Expert Depth Log – B Mode		LFST Freq(khz) : 2200	LFST Temp(degc) : 40.65
Log Direction: Up	Polarization Correction: On	EPM: Yes	EPM T1/T2: Auto
Despiking: Off	High Res: Off	KBFV: Off	DMRP: Off
Echo Spacing(us):	(200 200)		
Polarization Times(sec) for:	T1=1s: (infinity 0.02)	T1=3s: (6.197 0.02)	T1=5s: (6.165 0.02)
Number of Echoes:	(3000 30)		
Repetition:	(1 10)	Duty Cycle (highest): 0.0327	
Regularization:	Auto		
T2 Min(msec): 0.3	T2 Max(msec): 3000	T2 Cutoff(msec): 33	T1/T2: 2
Number of Components: 30	Downhole Stacking: 3	Uphole Stacking: 1	First Echo Used: No
Multiple T2 Cutoffs(msec):	(0.3 1 3 10 33 100 300 1000 3000)		
Sample Int.(in): 7.5	Req Log Speed (f/h): 900		

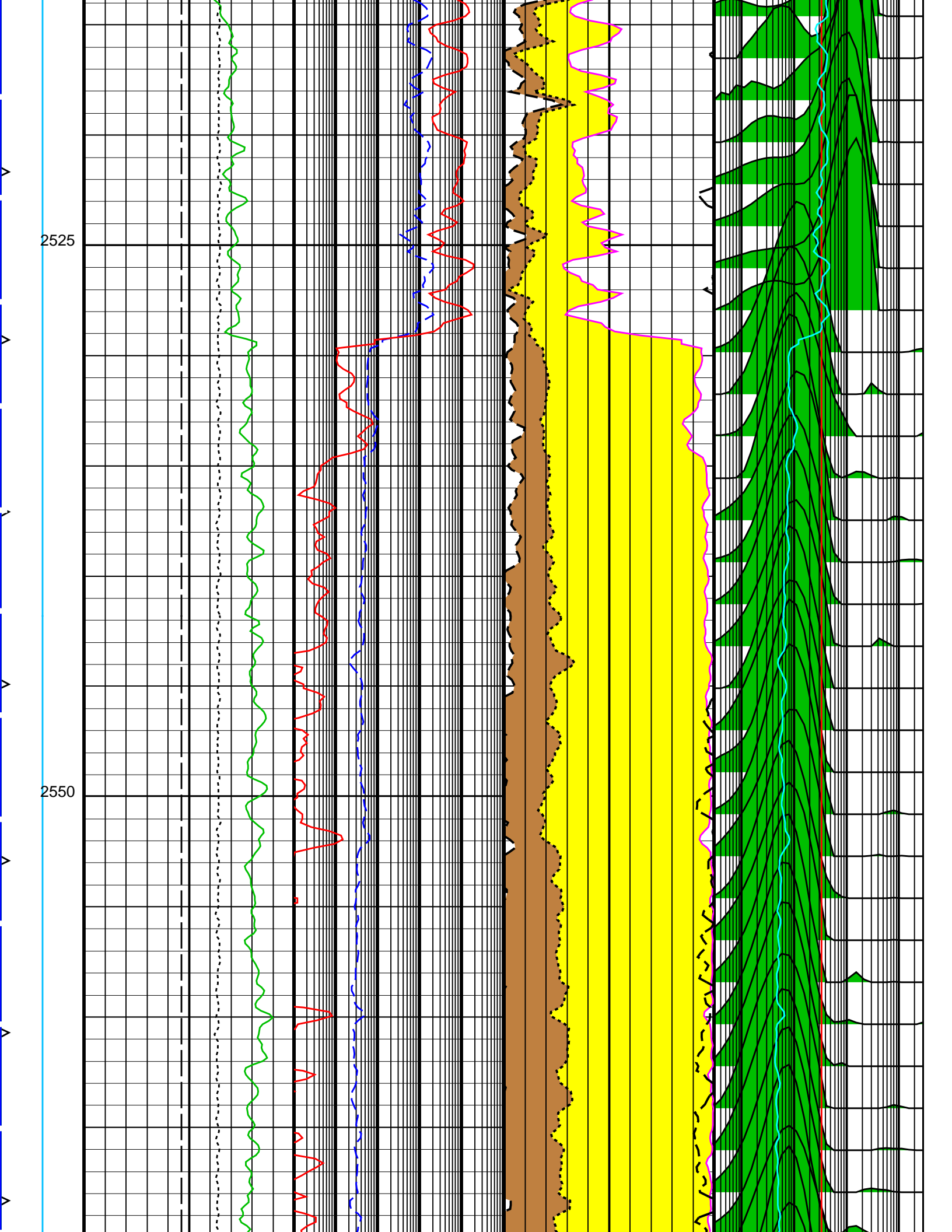
PIP SUMMARY

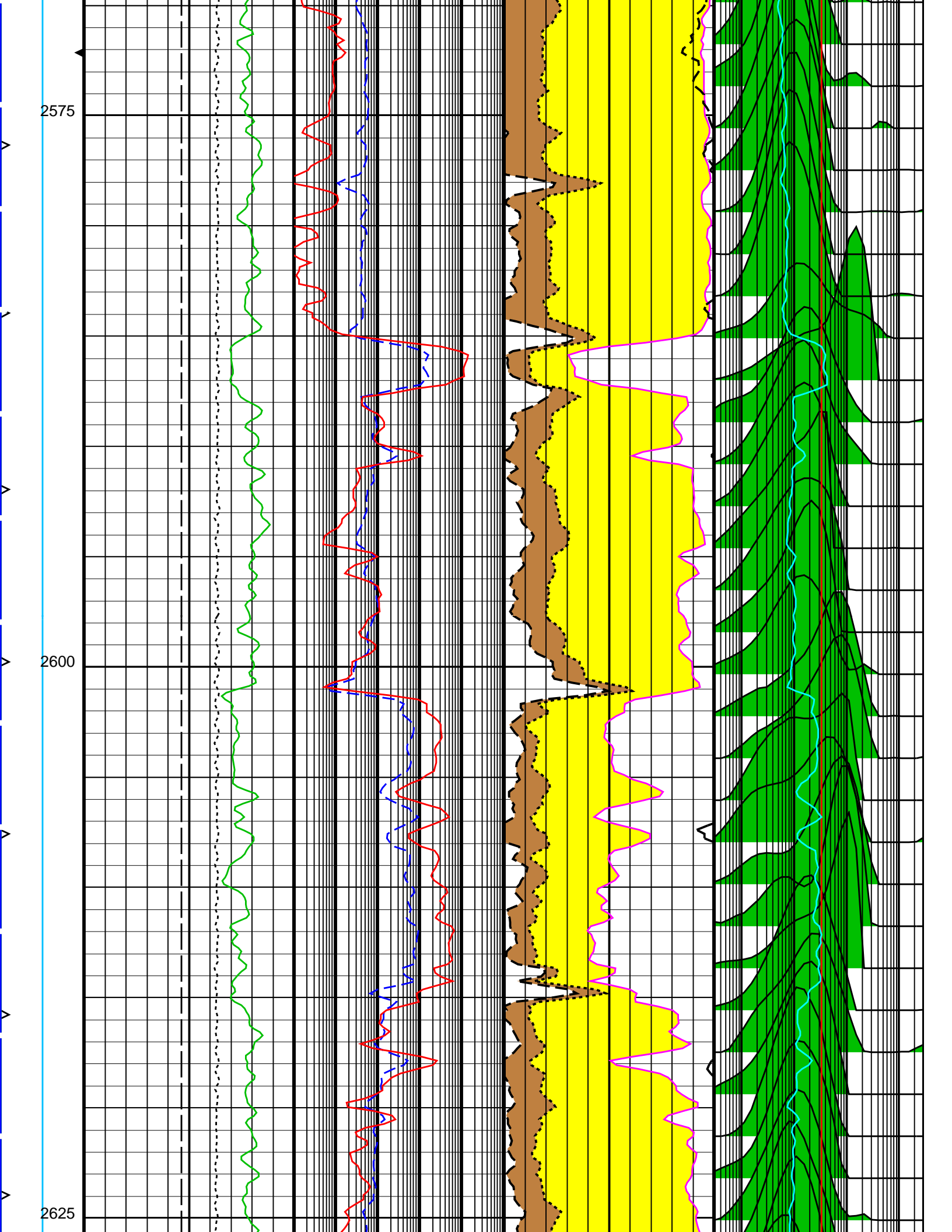
Time Mark Every 60 S

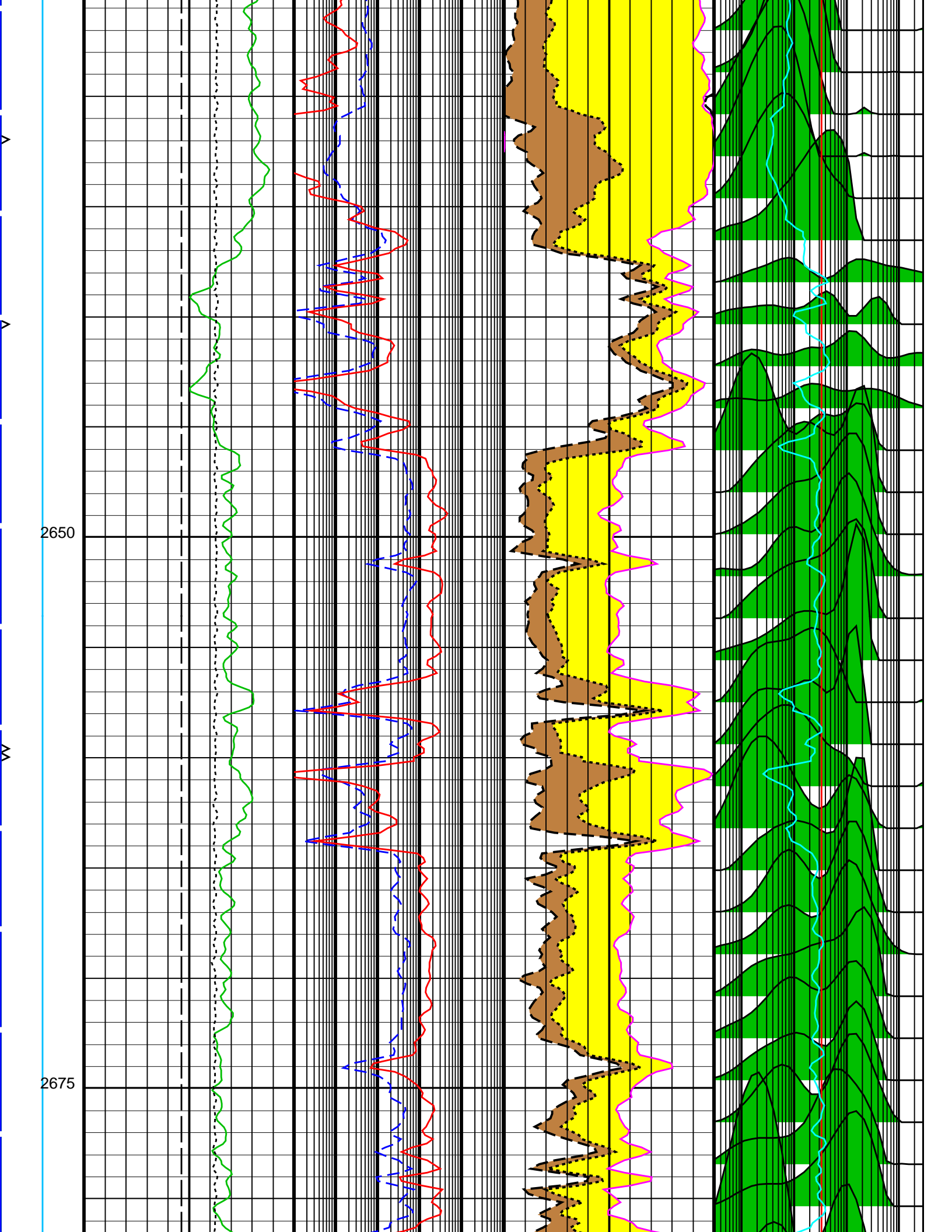
Transmitter Disable Flag (TDIS_FLAG)				
0 (----) 5				
Tuning Mode (TUNING_MODE)				
-1 (----) 3				
(NO_UPDATE_COUNT)				
0 (----) 10				
Noise Out of Tolerance				
Cautious Moderate Noise				
Insuff. WT Flag				
Bad Hole Flag				
	Tension (TENS) (LBF)	Timur/Coates Permeability (KTIM) (MD)	CMR 3ms Porosity (CMRP_3MS) (V/V)	T2 Distribution (T2_DIST_MW) (US)
	10000 0	0.1 10000	0.4 0	60 89
	Gamma Ray (GR_EDTC) (GAPI)	SDR Permeability (KSDR) (MD)	CMR Free Fluid Porosity (CMFF) (V/V)	T2 Logarithmic Mean (T2LM) (MS)
	0 100	0.1 10000	0.4 0	0.3 3000
	Bit Size (BS) (IN)			Bound Fluid Cutoff (T2CUTOFF) (MS)
	6 16			0.3 3000

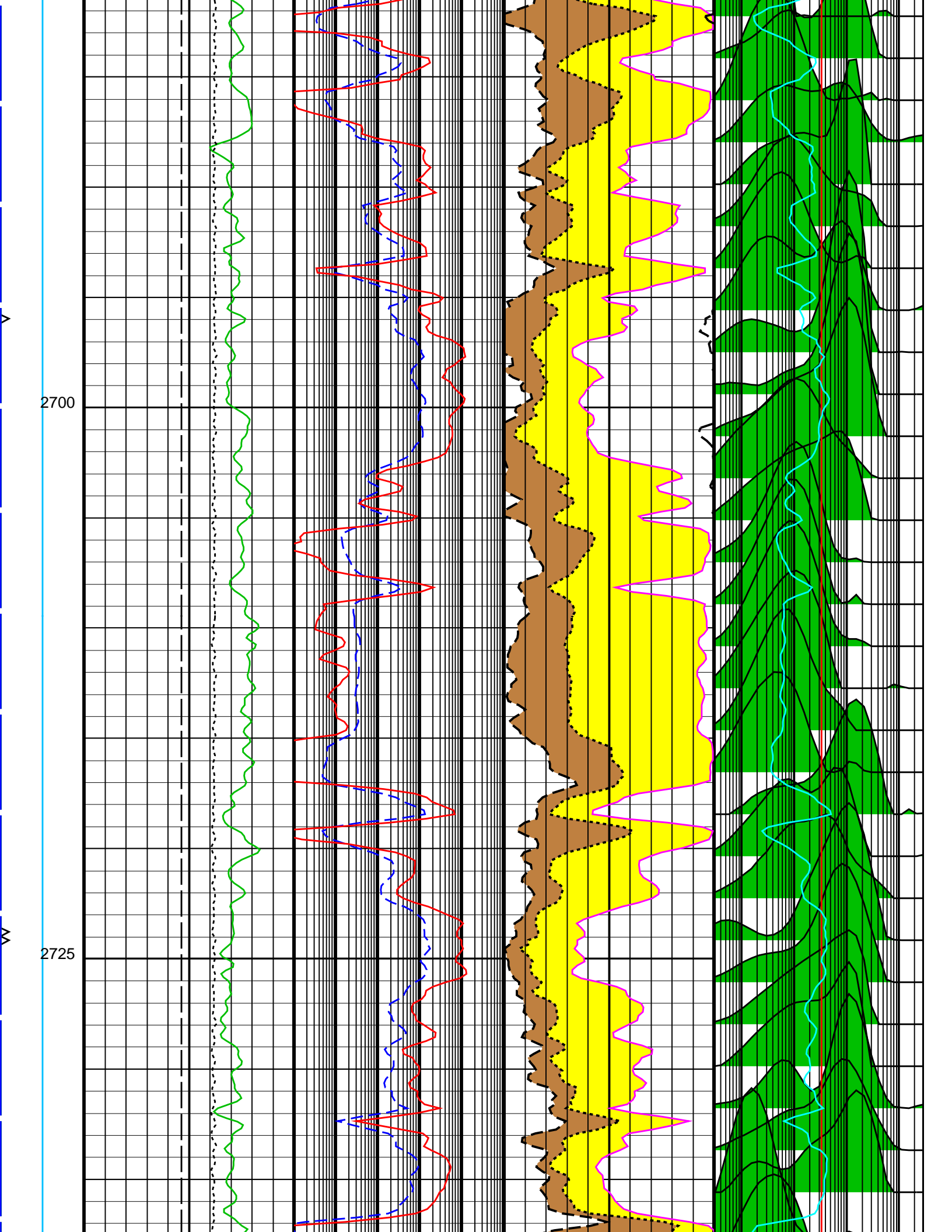


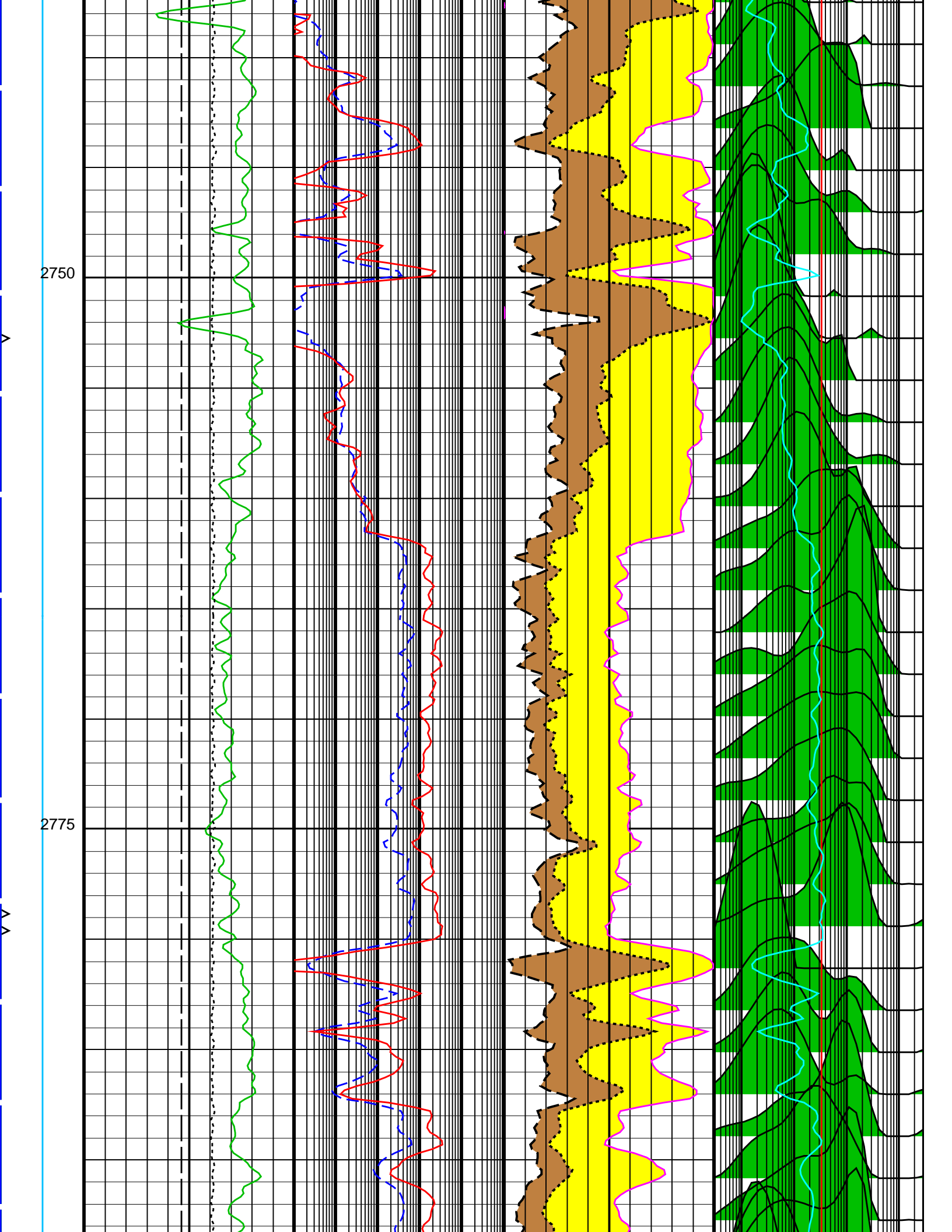


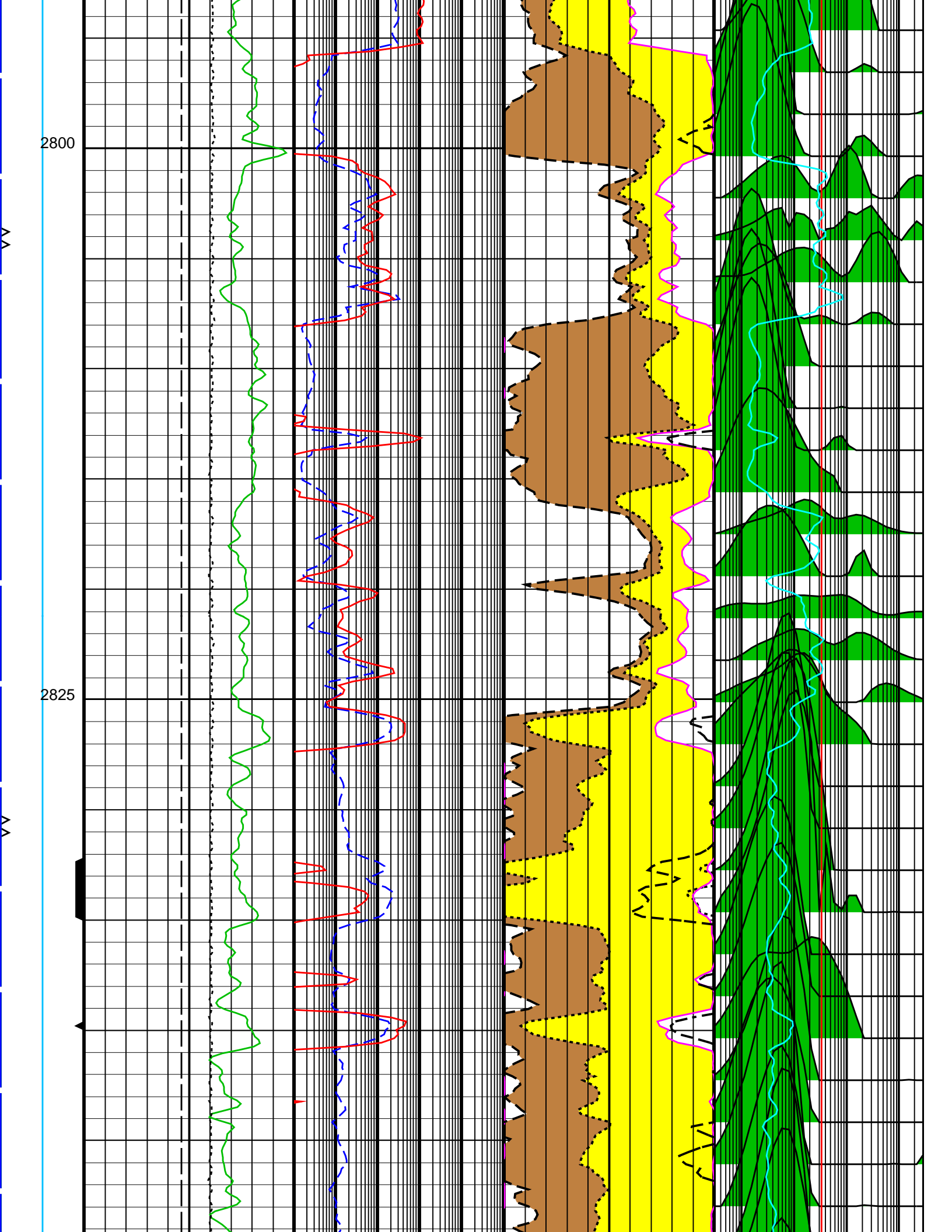


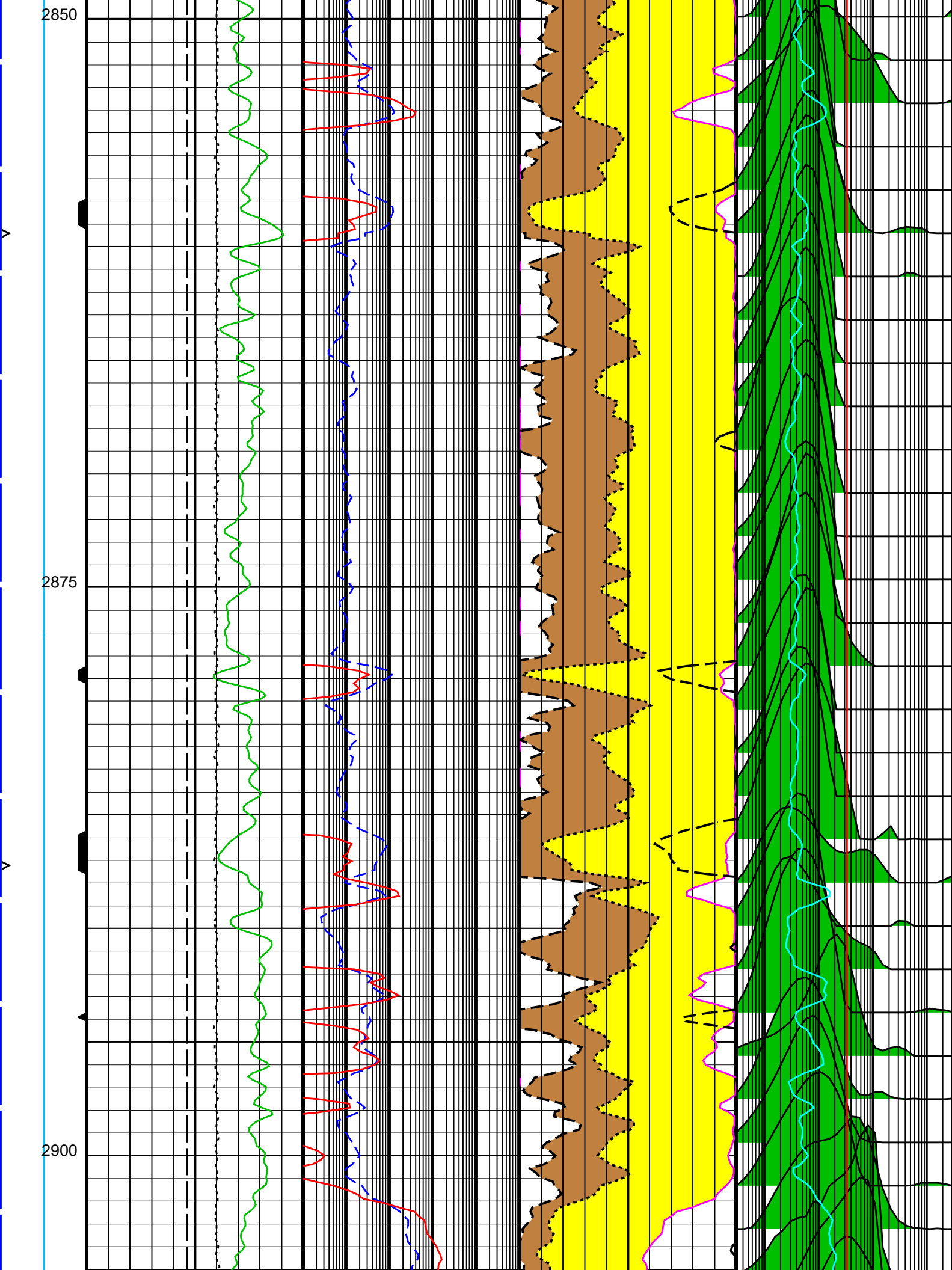


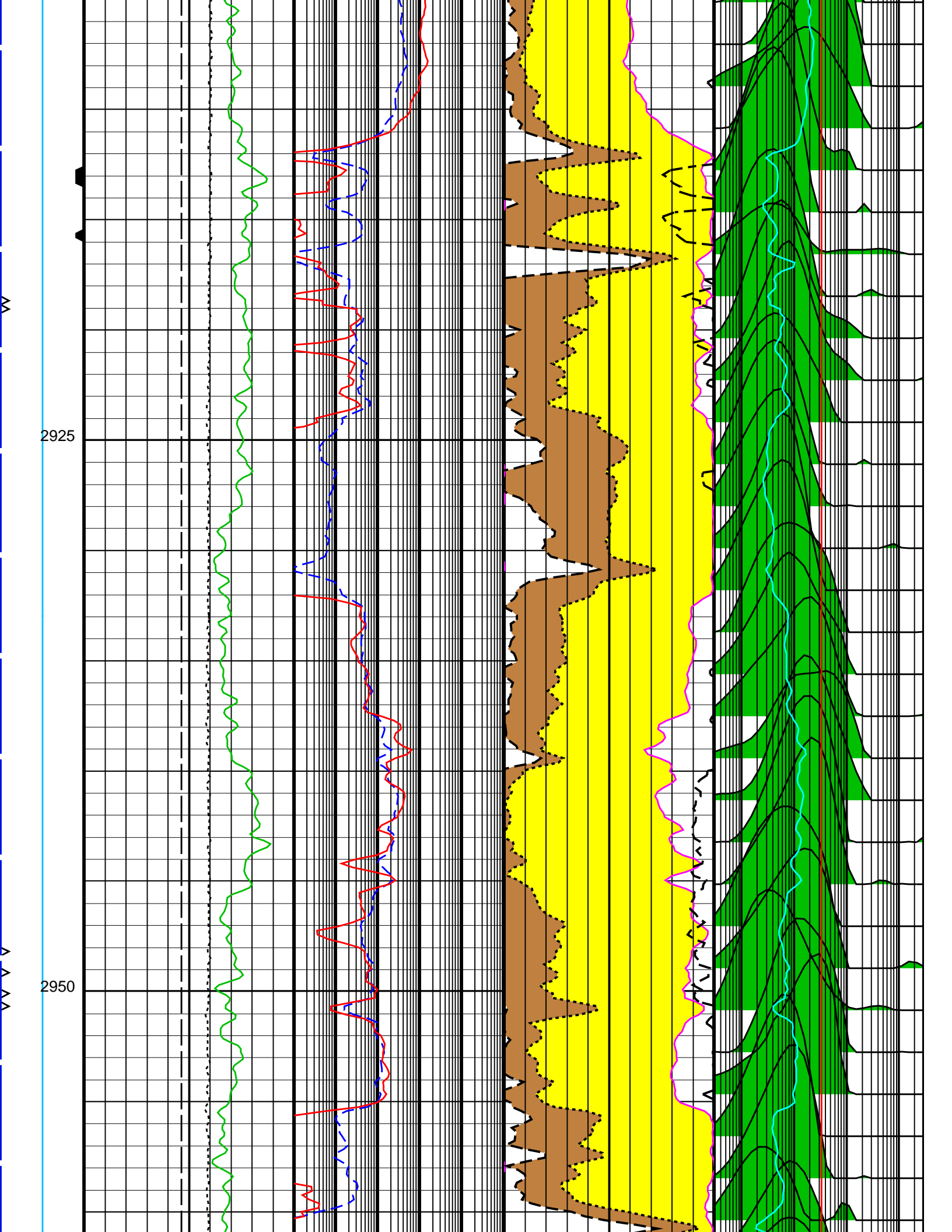


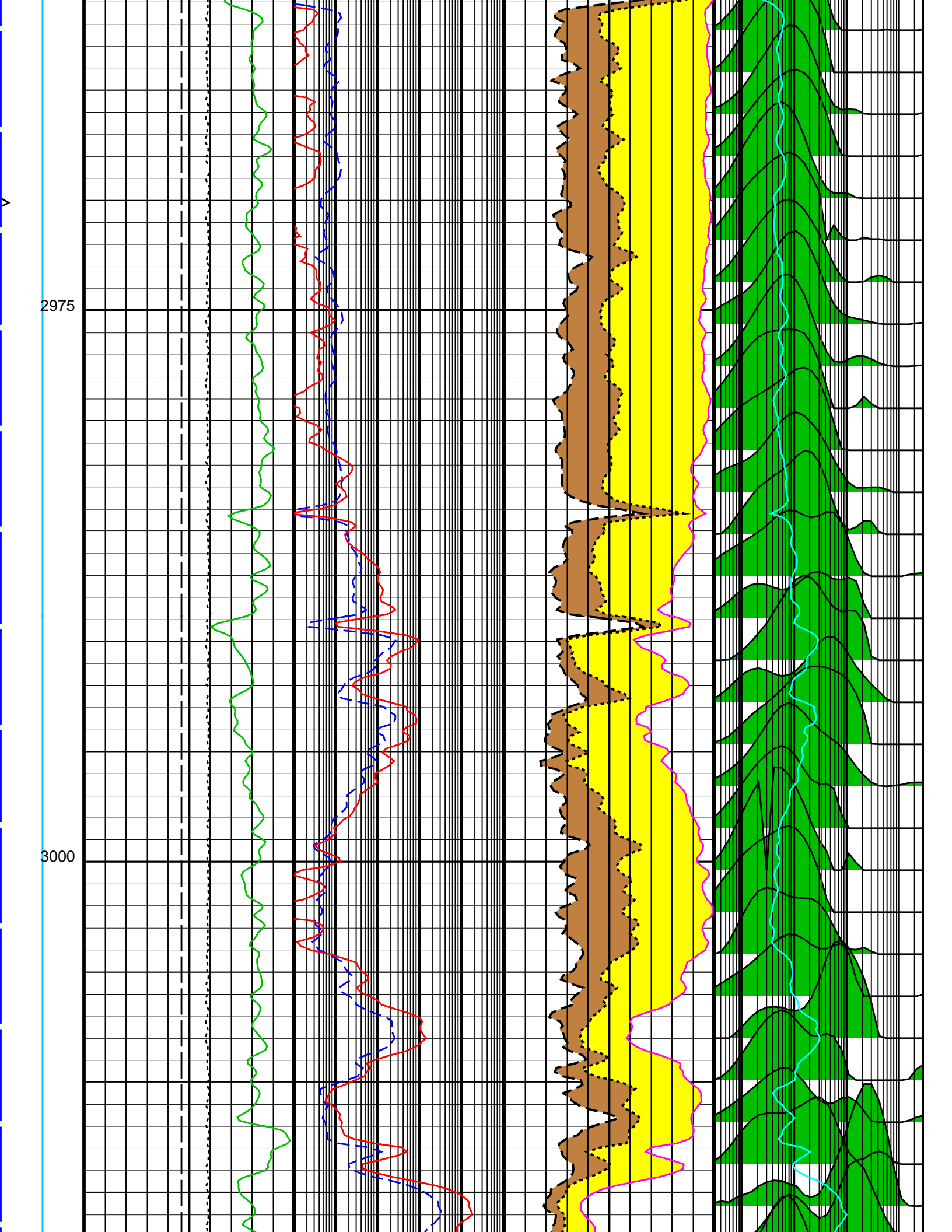


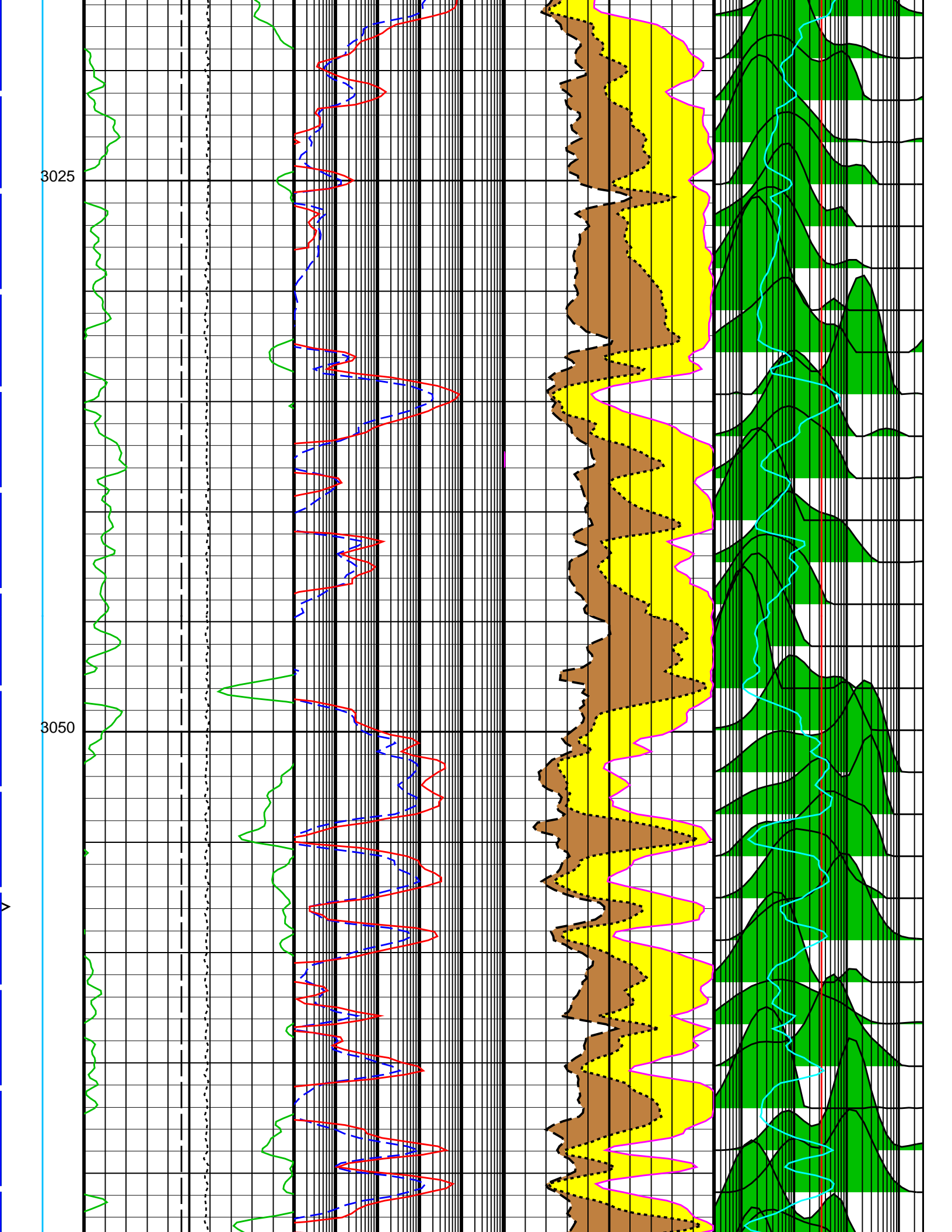








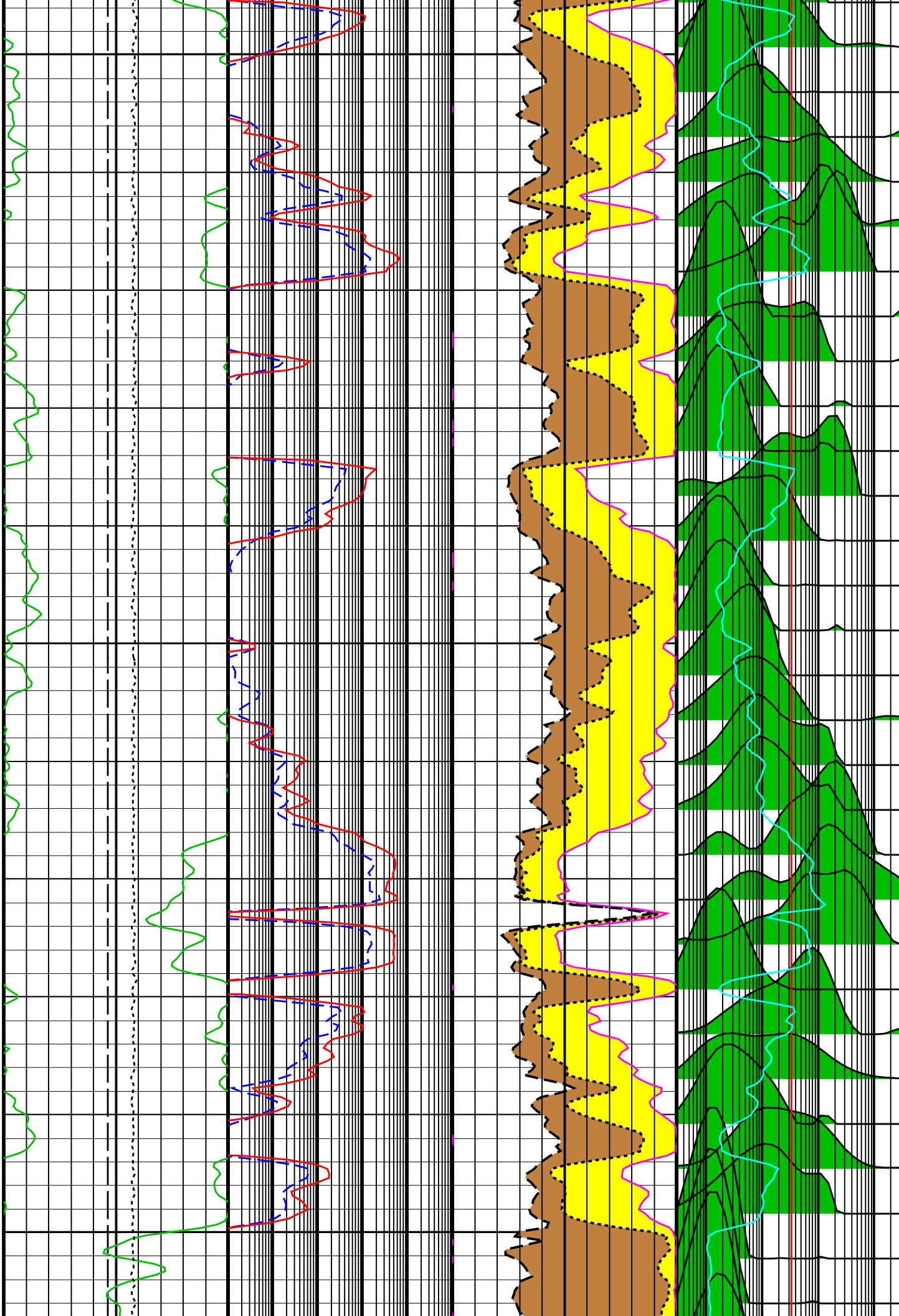




3075

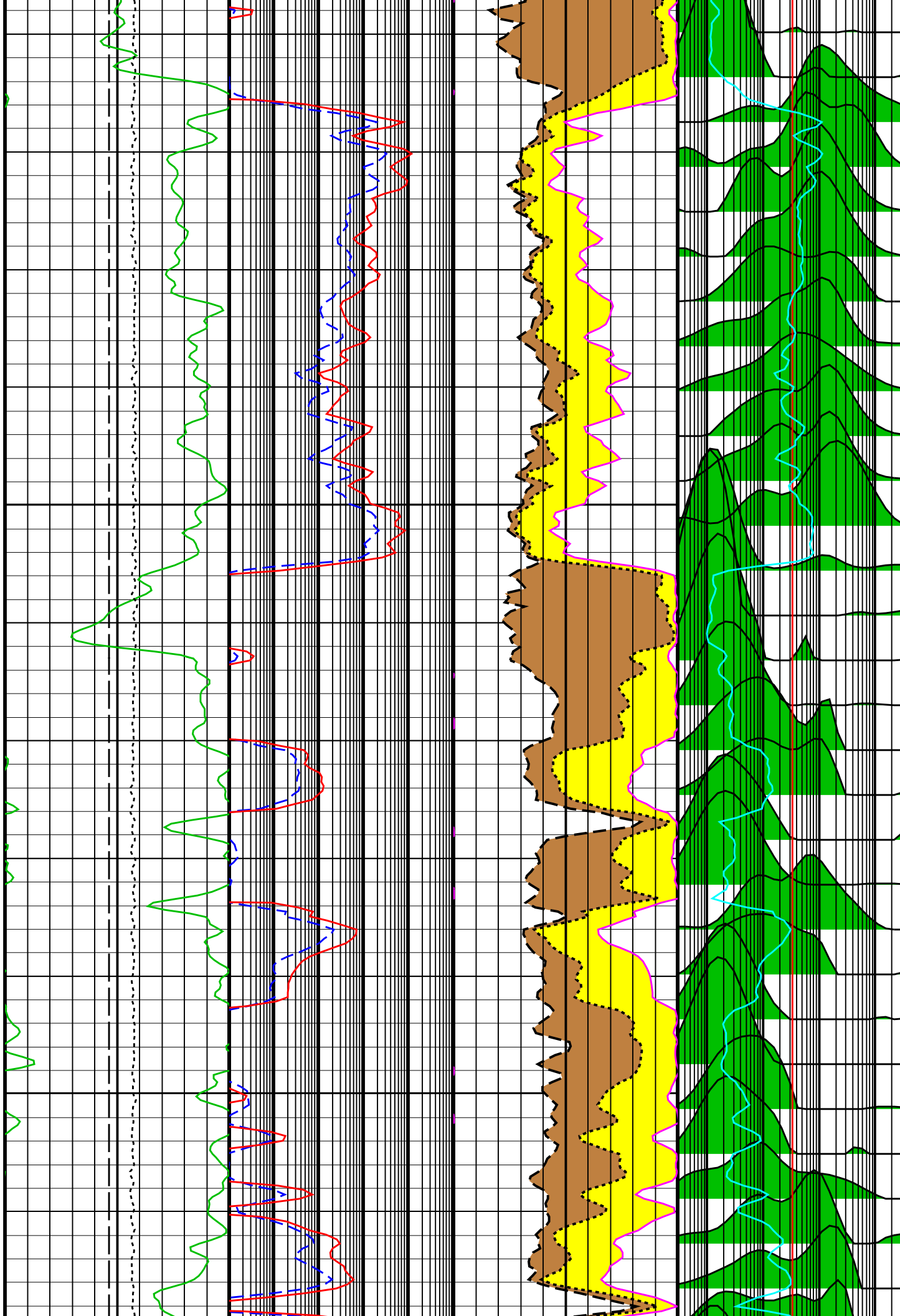
3100

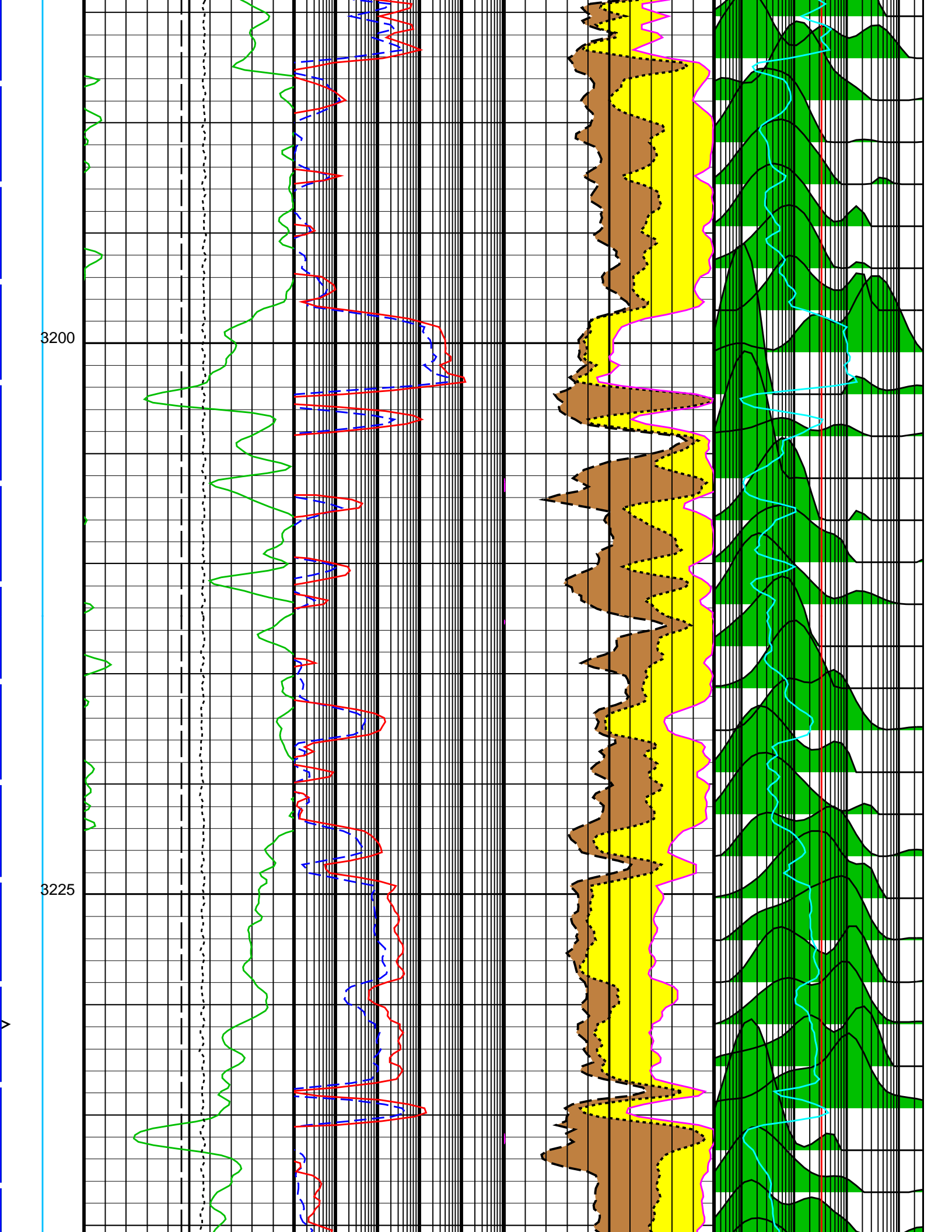
3125

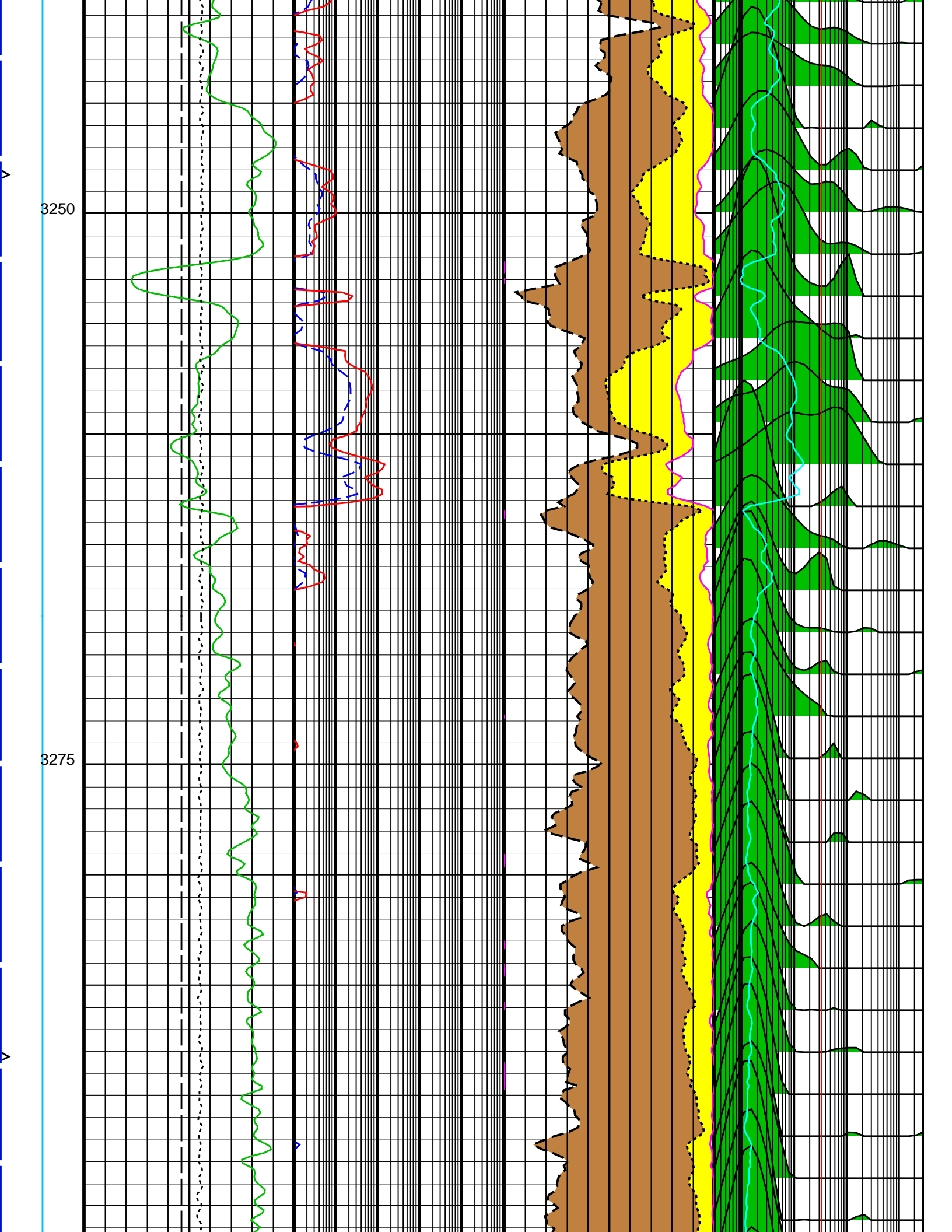


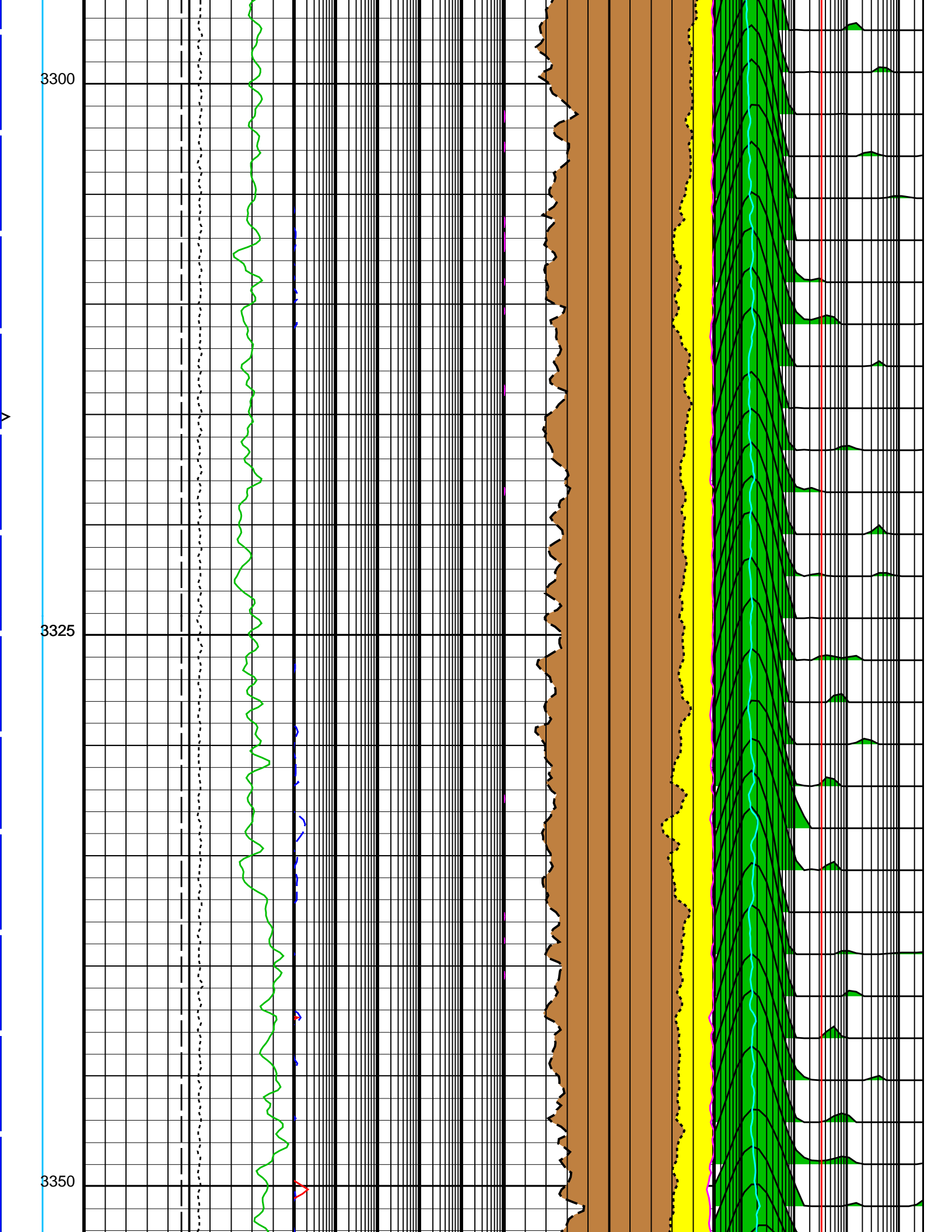
3150

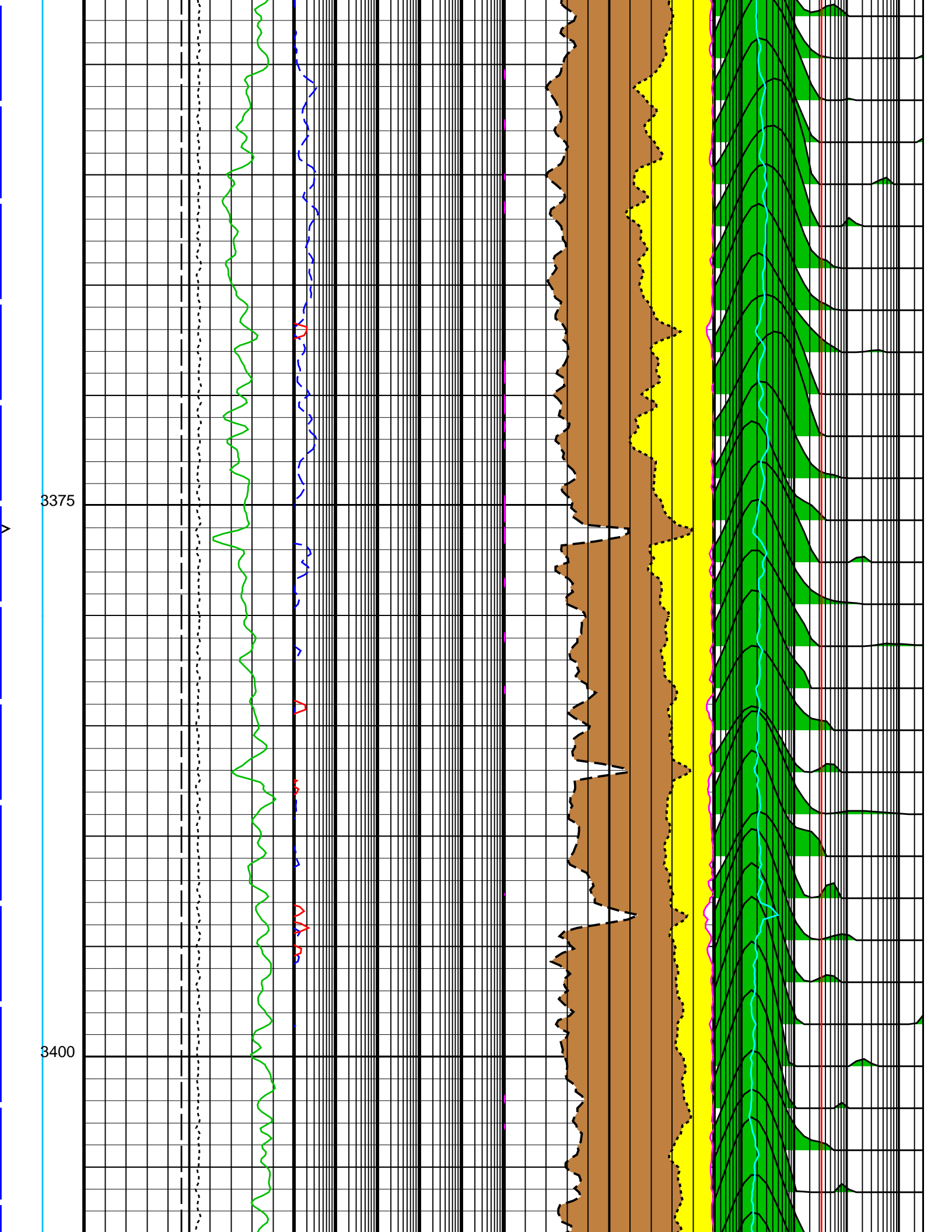
3175

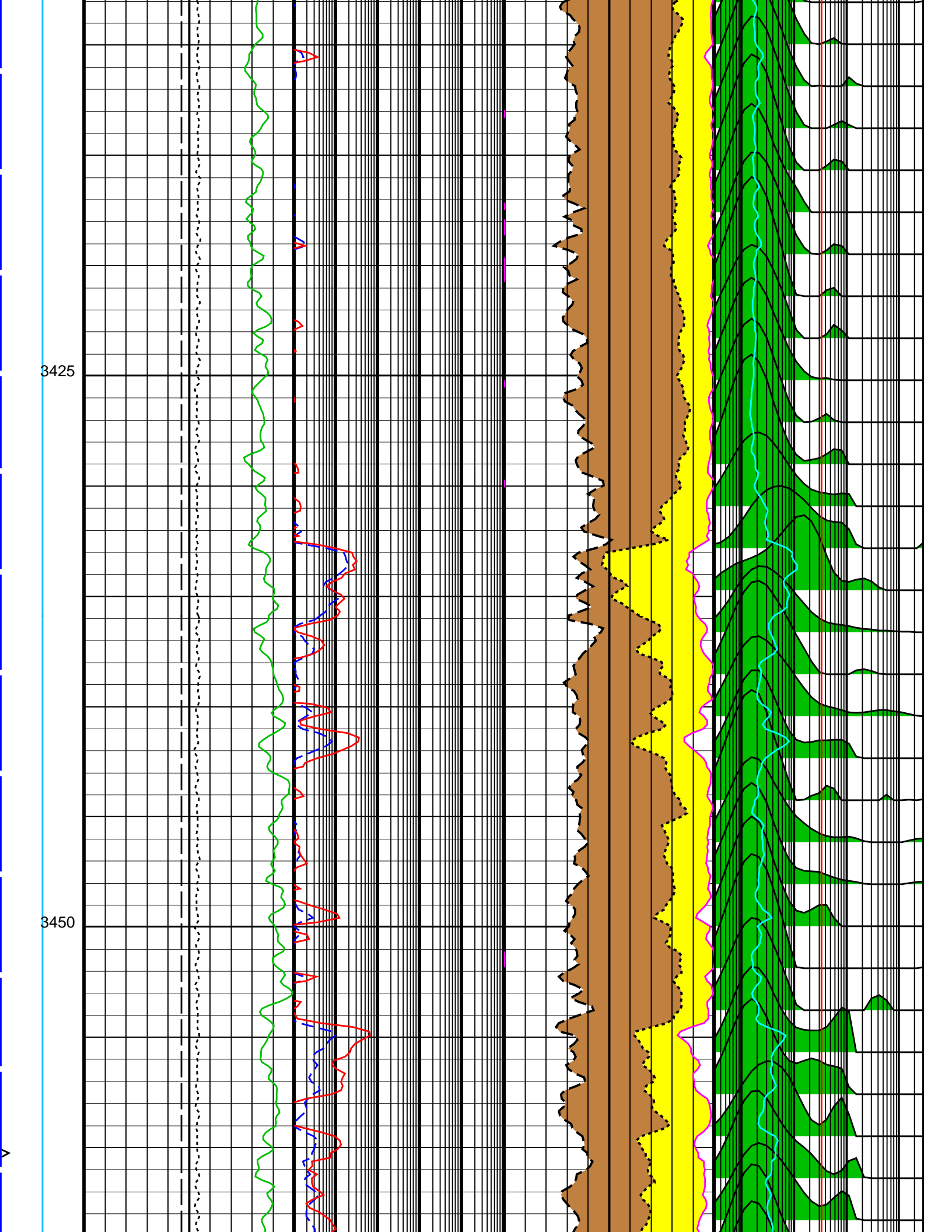


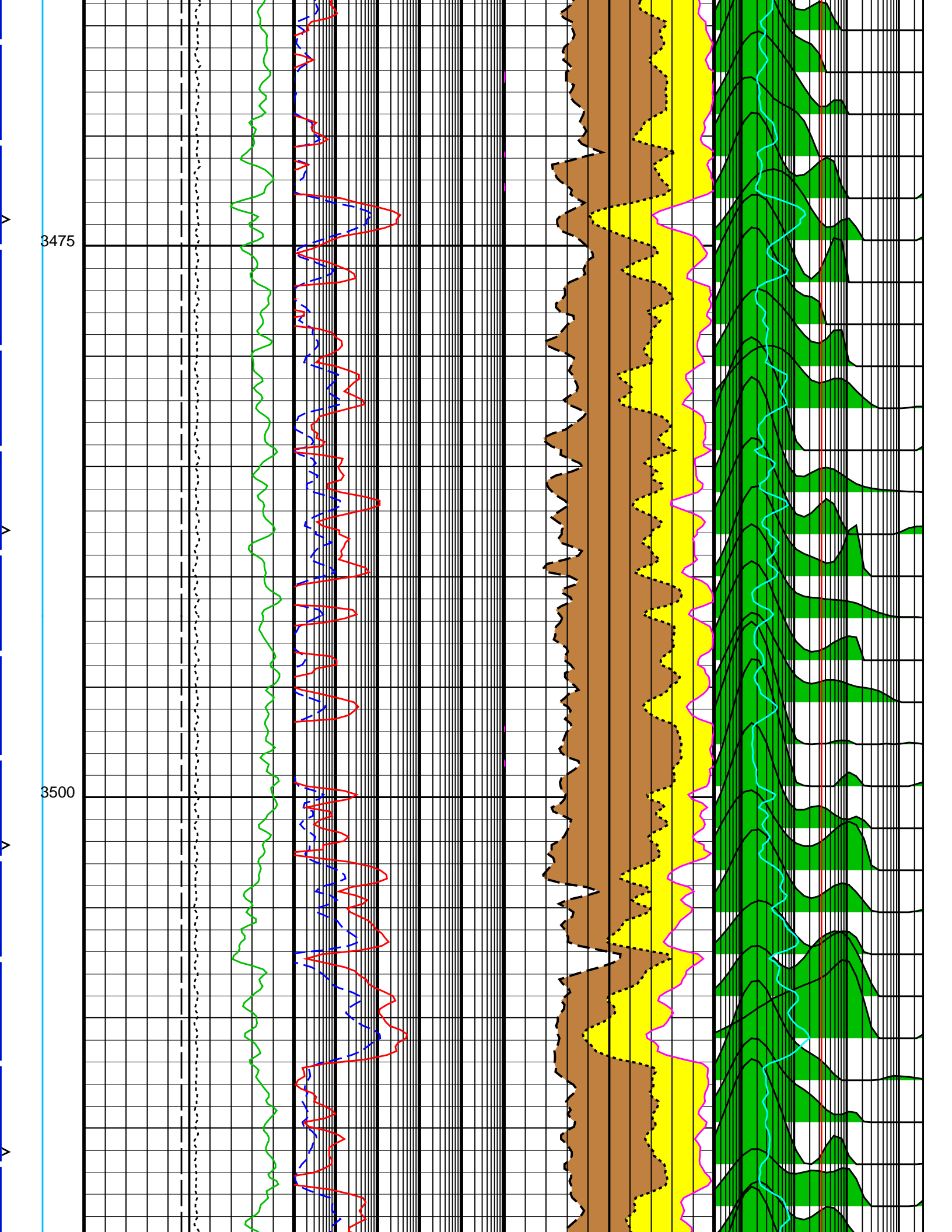


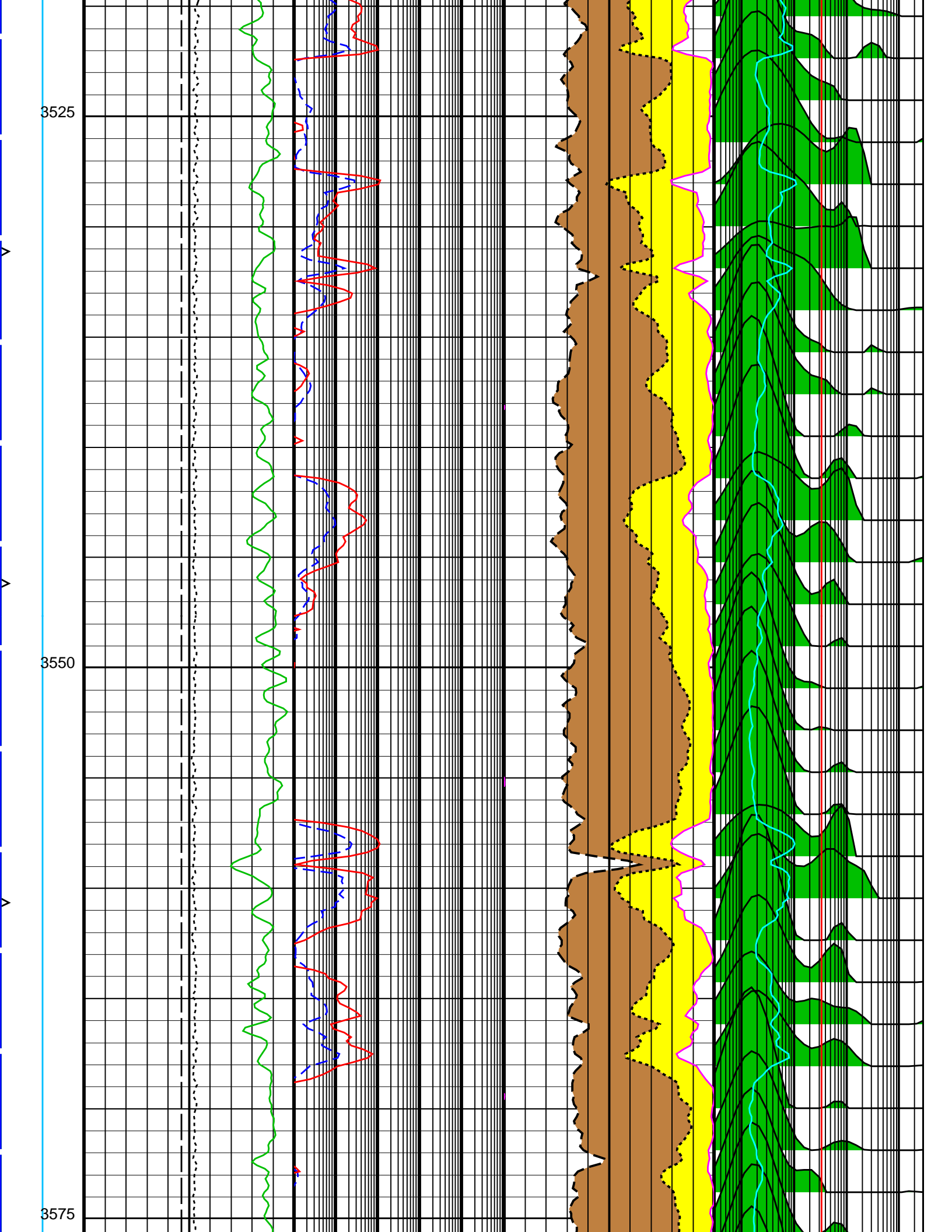






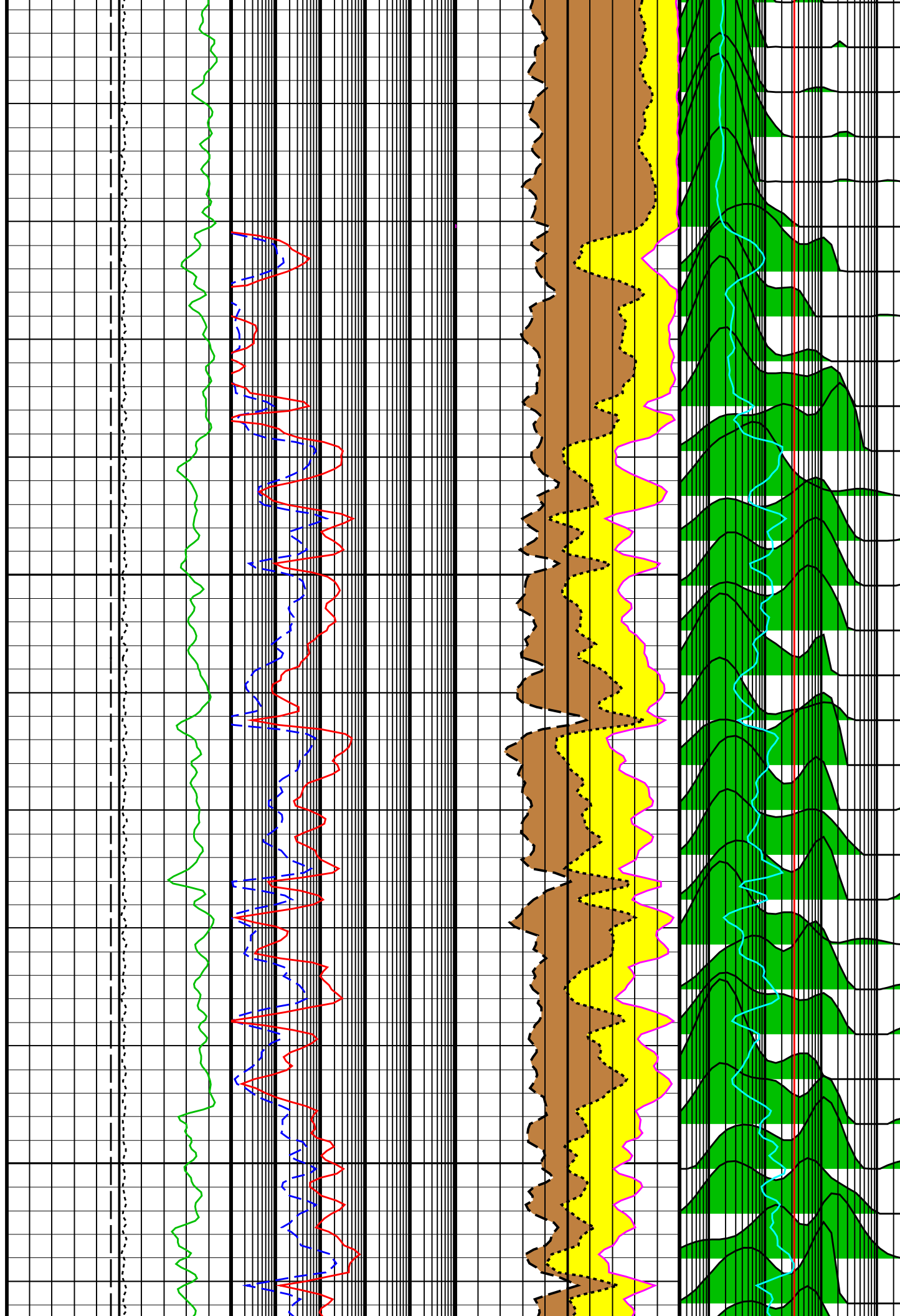


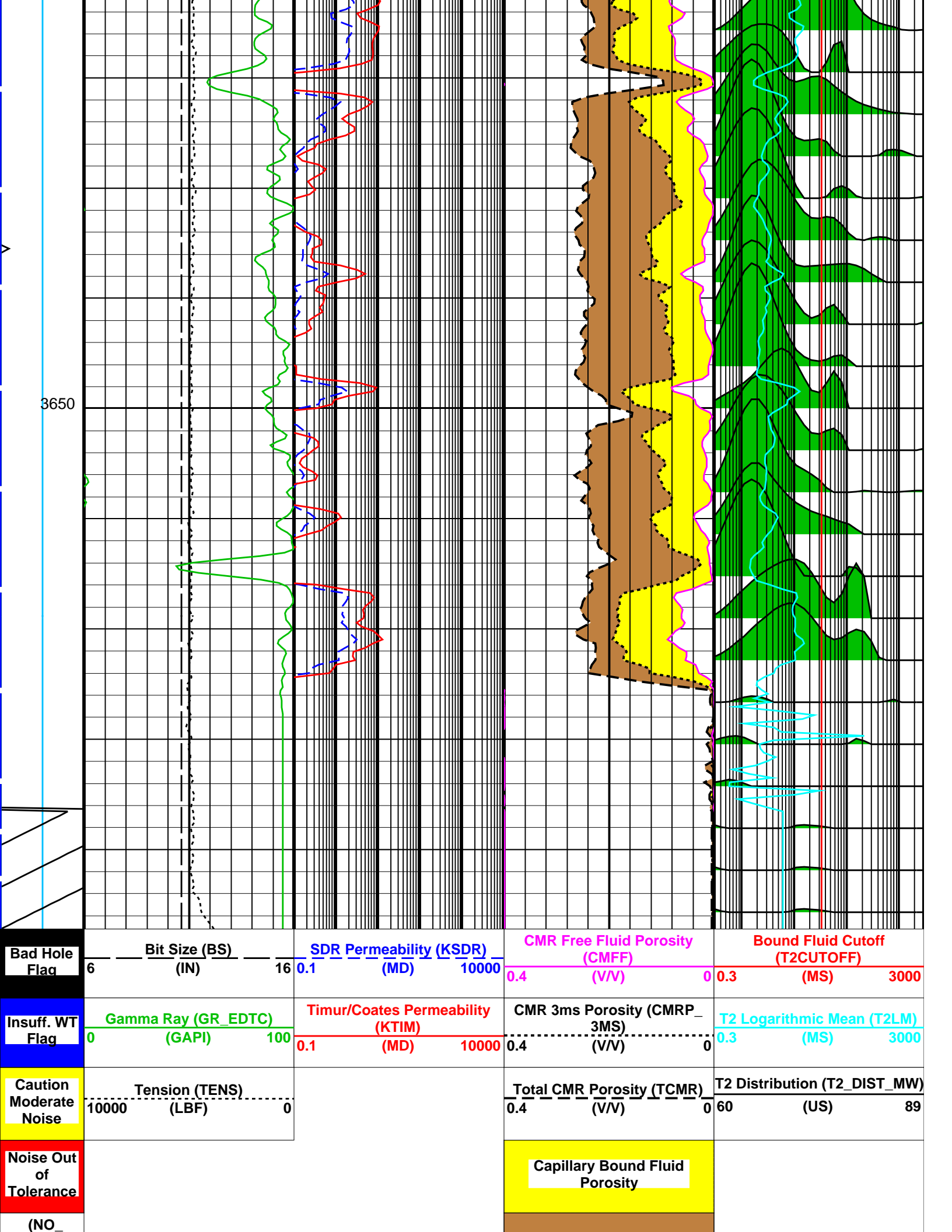




3600

3625





UPDATE COUNT)	Small Pore Porosity
0 (----)10	
Tuning Mode (TUNING_ MODE)	
-1 (----)3	
Transmitter Disable Flag (TDIS_ FLAG)	
0 (----)5	

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
System and Miscellaneous		
BS	Bit Size	10.625 IN
DO	Depth Offset for Playback	0.2 M
PP	Playback Processing	NORMAL

Format: CMRT_DEPTH_LOG_1 Vertical Scale: 1:200 Graphics File Created: 11-Sep-2012 12:50

OP System Version: 19C1-222

PPC1	19C1-222	CMRT-B	19C1-222
EDTC-B	19C1-222		

Input DLIS Files

DEFAULT	CAL_CM_049LUP	FN:113	PRODUCER	11-Sep-2012 08:09	3673.4 M	2448.3 M
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Output DLIS Files

DEFAULT	CAL_CM_051PUP	FN:119	PRODUCER	11-Sep-2012 12:50
BKUP	CAL_CM_051PUP	FN:120	PRODUCER	11-Sep-2012 12:50
CLIENT	CAL_CM_051PUC	FN:121	CUSTOMER	11-Sep-2012 12:50

Schlumberger

**Repeat Section
1:200**

MAXIS Field Log

Company: JAMSTEC

Well: C0020A

Input DLIS Files

DEFAULT	CAL_CM_048LUP	FN:110	PRODUCER	11-Sep-2012 07:06	3228.2 M	3088.8 M
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Output DLIS Files

DEFAULT	CAL_CM_053PUP	FN:125	PRODUCER	11-Sep-2012 12:56	3228.1 M	3088.8 M
BKUP	CAL_CM_053PUP	FN:126	PRODUCER	11-Sep-2012 12:56	3228.1 M	3088.8 M
CLIENT	CAL_CM_053PUC	FN:127	CUSTOMER	11-Sep-2012 12:56	3228.1 M	3088.8 M

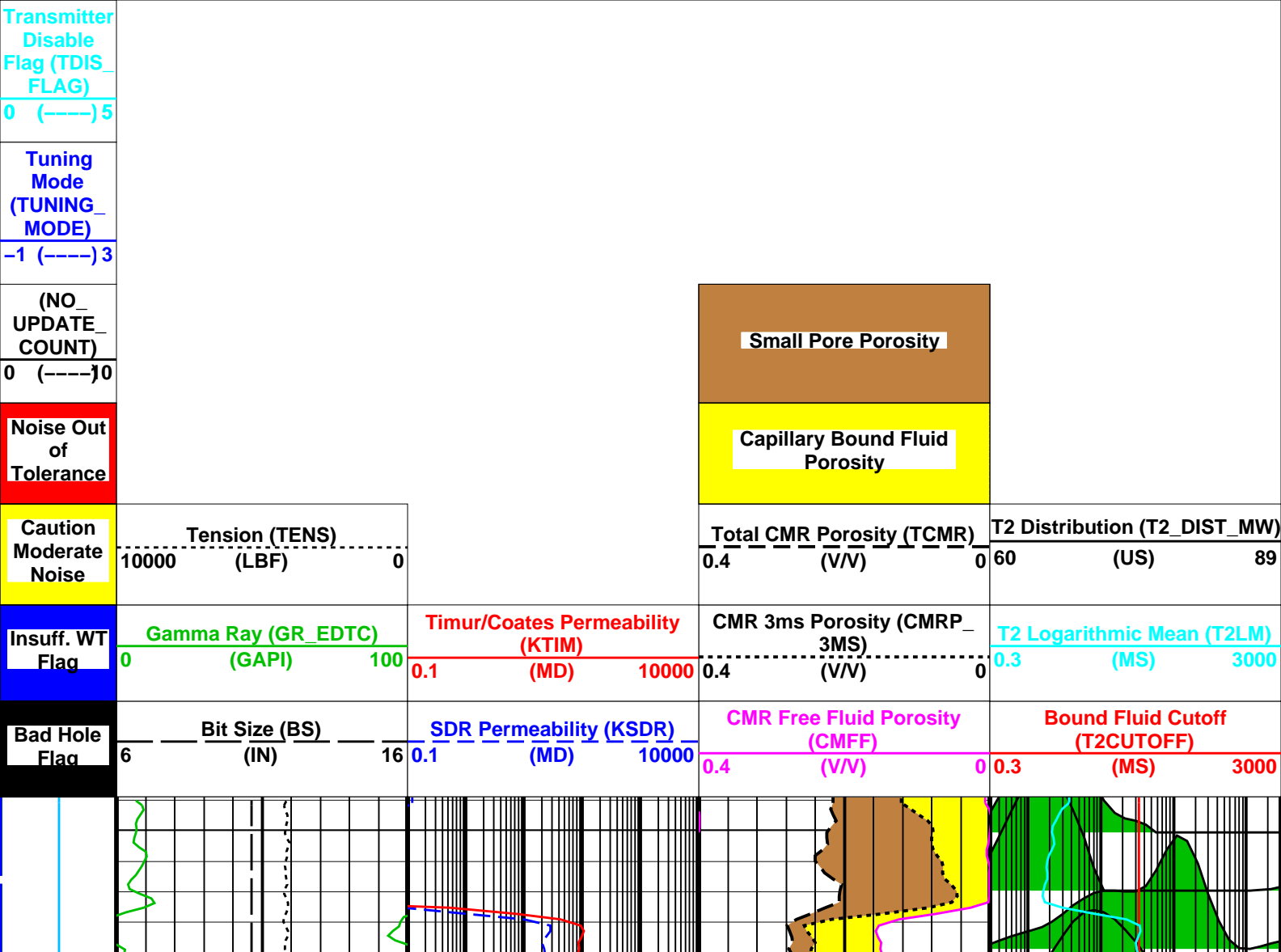
CMR DEPTH LOG REPORT

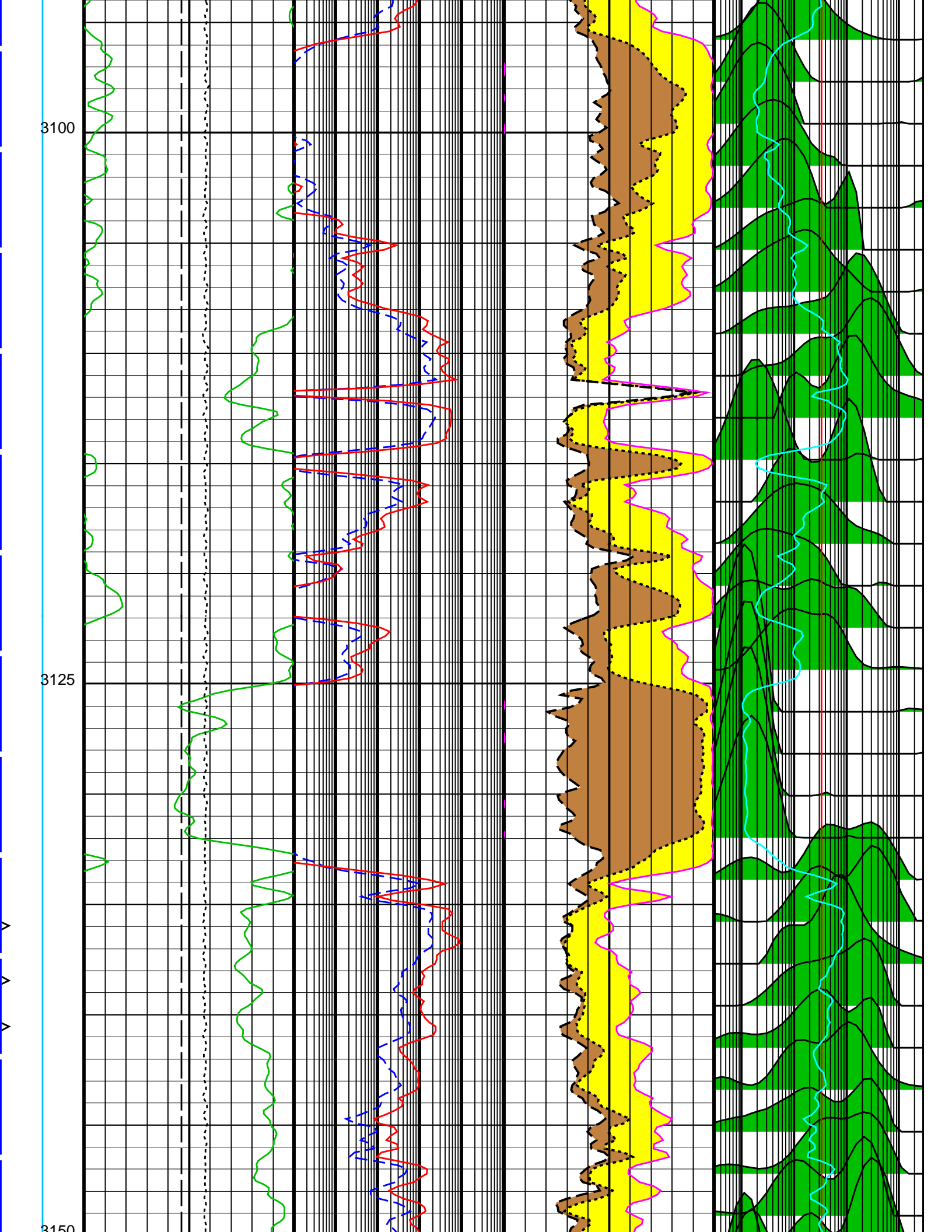
PARAMETER SUMMARY

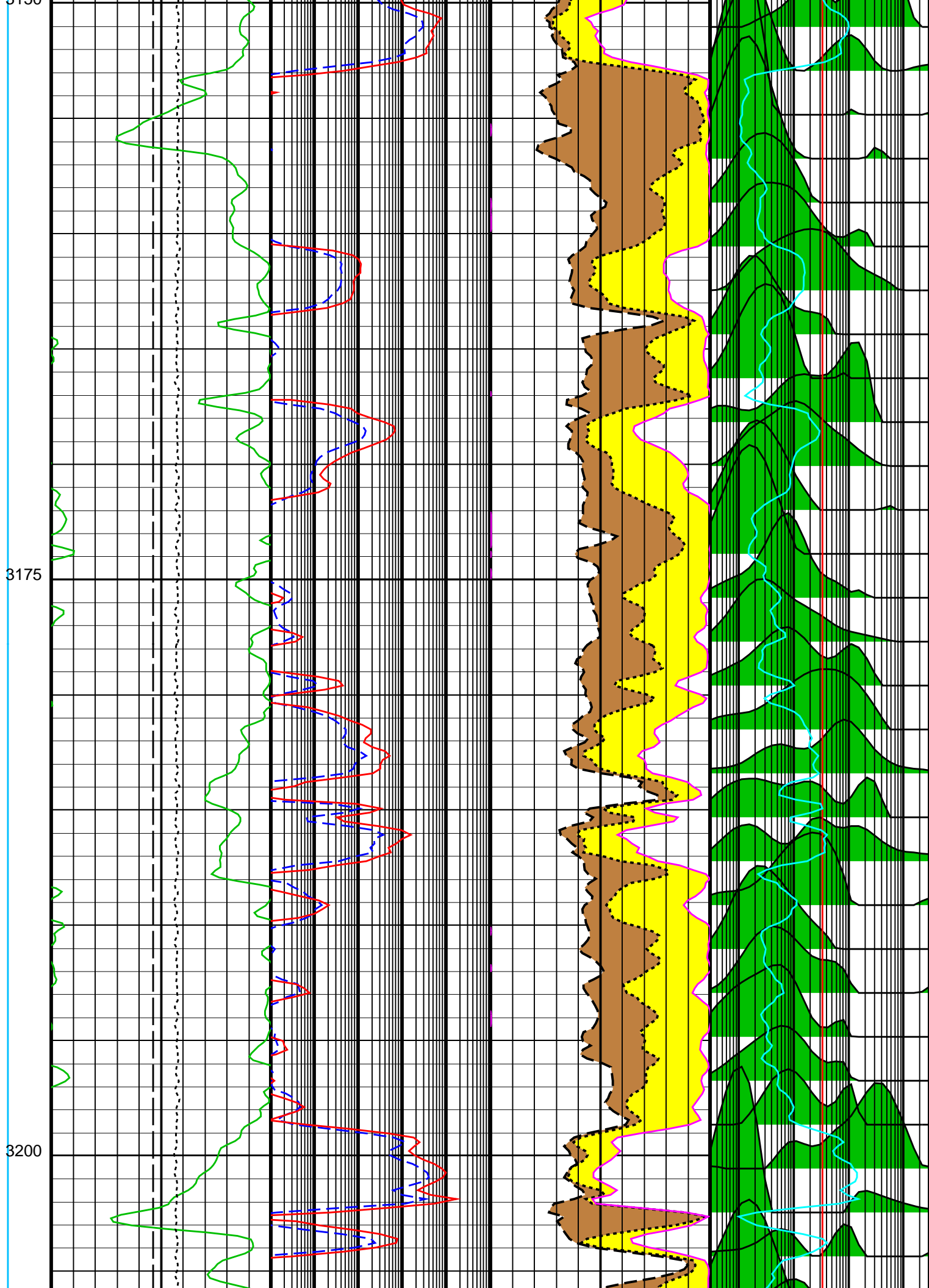
Tool Type: CMR-Plus	Cart. Number: 215	Sonde Number: 196	
Kit Number: 28	DHC Version : 17.2	DSP Version : 14	SP Version : 10182006
Mode: Expert Depth Log – B Mode		LFST Freq(khz) : 2200	LFST Temp(degc) : 40.65
Log Direction: Up	Polarization Correction: On	EPM: Yes	EPM T1/T2: Auto
Despiking: Off	High Res: Off	KBFV: Off	DMRP: Off
Echo Spacing(us):	(200 200)		
Polarization Times(sec) for:	T1=1s: (infinity 0.02)	T1=3s: (6.197 0.02)	T1=5s: (6.165 0.02)
Number of Echoes:	(3000 30)		
Repetition:	(1 10)	Duty Cycle (highest): 0.0327	
Regularization:	Auto		
T2 Min(msec): 0.3	T2 Max(msec): 3000	T2 Cutoff(msec): 33	T1/T2: 2
Number of Components: 30	Downhole Stacking: 3	Uphole Stacking: 1	First Echo Used: No
Multiple T2 Cutoffs(msec):	(0.3 1 3 10 33 100 300 1000 3000)		
Sample Int.(in): 7.5	Req Log Speed (f/h): 900		

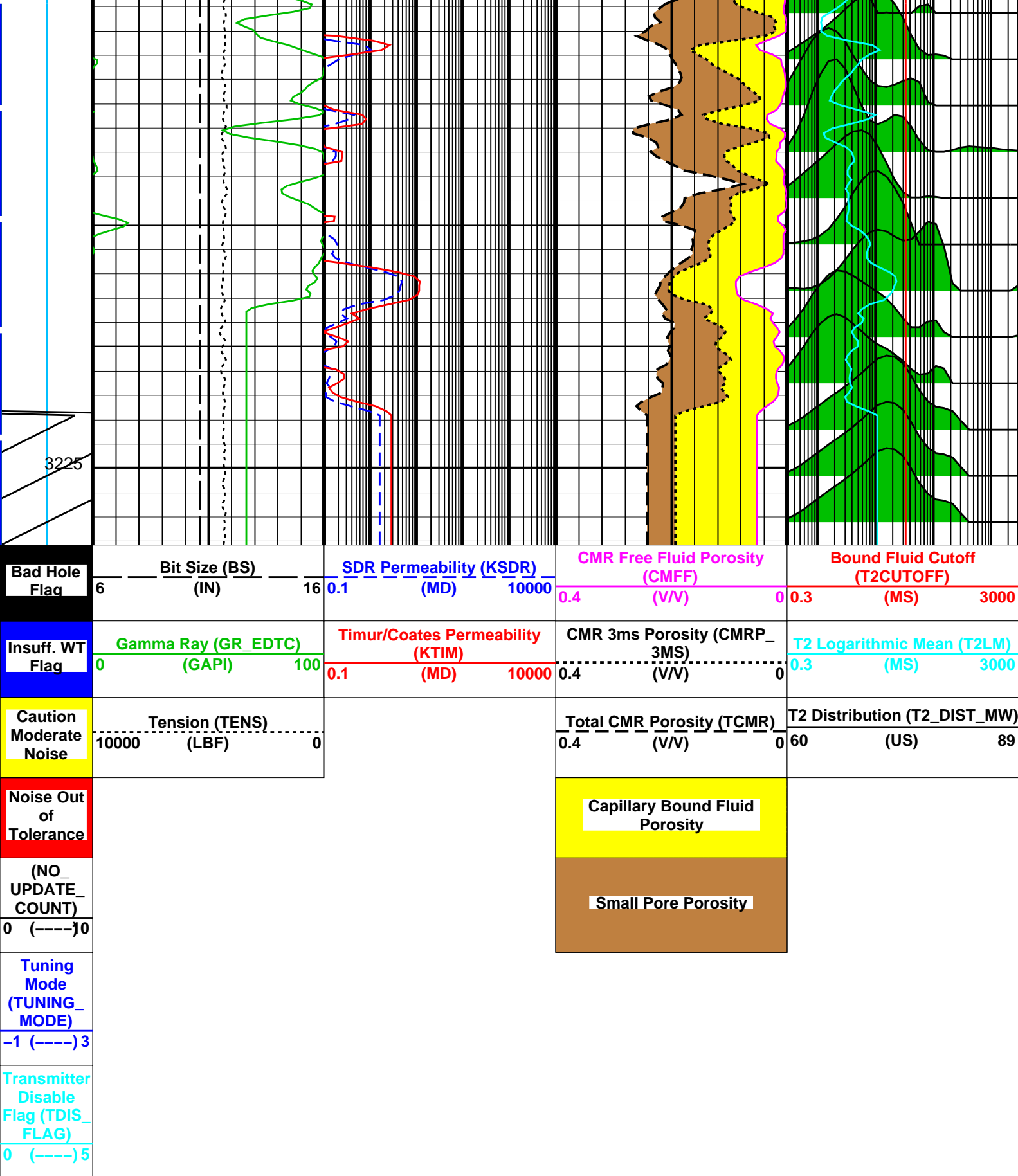
PIP SUMMARY

Time Mark Every 60 S









PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
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System and Miscellaneous

BS	Bit Size	10.625 IN
PO	Depth Offset for Playback	0.0 M

DO DORL PP	Depth Offset for Playback Depth Offset for Repeat Analysis Playback Processing	0.0 M 0.0 M NORMAL
Format: CMRT_DEPTH_LOG_1 Vertical Scale: 1:200		Graphics File Created: 11-Sep-2012 12:56
OP System Version: 19C1-222		
PPC1 EDTC-B	19C1-222 19C1-222	CMRT-B 19C1-222
Input DLIS Files		
DEFAULT	CAL_CMRT_048LUP	FN:110 PRODUCER 11-Sep-2012 07:06 3228.2 M 3088.8 M
Output DLIS Files		
DEFAULT	CAL_CMRT_053PUP	FN:125 PRODUCER 11-Sep-2012 12:56
BKUP	CAL_CMRT_053PUP	FN:126 PRODUCER 11-Sep-2012 12:56
CLIENT	CAL_CMRT_053PUC	FN:127 CUSTOMER 11-Sep-2012 12:56



Calibration Report

MAXIS Field Log

Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
Powered Positioning Device/Caliper 1 Wellsite Calibration – PPC1 Caliper Calibration							
Before: 13-Aug-2012 16:45 After: 13-Aug-2012 16:45							
PPC1 Radius 1 Raw Small Radius	3.500	N/A	3.034	3.034	0	0.5000	IN
PPC1 Radius 1 Raw Large Radius	8.000	N/A	6.136	6.136	0	0.5000	IN
PPC1 Radius 2 Raw Small Radius	3.500	N/A	3.682	3.682	0	0.5000	IN
PPC1 Radius 2 Raw Large Radius	8.000	N/A	6.811	6.811	0	0.5000	IN
PPC1 Radius 3 Raw Small Radius	3.500	N/A	3.483	3.483	0	0.5000	IN
PPC1 Radius 3 Raw Large Radius	8.000	N/A	6.454	6.454	0	0.5000	IN
PPC1 Radius 4 Raw Small Radius	3.500	N/A	3.639	3.639	0	0.5000	IN
PPC1 Radius 4 Raw Large Radius	8.000	N/A	6.766	6.766	0	0.5000	IN
Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration							
Before: 10-Sep-2012 1:29							
EDTC Z-Axis Acceleration	9.810	N/A	9.786	N/A	N/A	N/A	M/S2
Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration							
Before: 10-Sep-2012 1:29 After: 10-Sep-2012 14:39							
Gamma Ray (Jig – Bkg)	163.5	N/A	163.5	161.6	–1.927	14.87	GAPI
Gamma Ray (Calibrated)	165.0	N/A	165.0	163.1	–1.944	15.00	GAPI

Powered Positioning Device/Caliper 1 / Equipment Identification			
Primary Equipment:			
PPC Powered Positioning Device/Caliper	PPC1 – B	8170	
PPC1 Caliper 30 Extension	PPC_ –	8170	
Auxiliary Equipment:			

PPC1 Caliper Calibration					
Phase	PPC1 Radius 1 Raw Small Radius IN	Value	Phase	PPC1 Radius 1 Raw Large Radius IN	Value
Before		3.034	Before		6.136
After		3.034	After		6.136
0 (Minimum)		3.500 (Nominal)	4.700 (Minimum)		8.000 (Nominal)
		7.200 (Maximum)			11.00 (Maximum)
Phase	PPC1 Radius 2 Raw Small Radius IN	Value	Phase	PPC1 Radius 2 Raw Large Radius IN	Value
Before		3.682	Before		6.811
After		3.682	After		6.811
0 (Minimum)		3.500 (Nominal)	4.700 (Minimum)		8.000 (Nominal)
		7.200 (Maximum)			11.00 (Maximum)
Phase	PPC1 Radius 3 Raw Small Radius IN	Value	Phase	PPC1 Radius 3 Raw Large Radius IN	Value
Before		3.483	Before		6.454
After		3.483	After		6.454
0 (Minimum)		3.500 (Nominal)	4.700 (Minimum)		8.000 (Nominal)
		7.200 (Maximum)			11.00 (Maximum)
Phase	PPC1 Radius 4 Raw Small Radius IN	Value	Phase	PPC1 Radius 4 Raw Large Radius IN	Value
Before		3.639	Before		6.766
After		3.639	After		6.766
0 (Minimum)		3.500 (Nominal)	4.700 (Minimum)		8.000 (Nominal)
		7.200 (Maximum)			11.00 (Maximum)
Before: 13-Aug-2012 16:45			After: 13-Aug-2012 16:45		

Combinable Magnetic Resonance Tool – B / Equipment Identification

Primary Equipment:

CMR Cartridge

CMRC – B

215

CMR-B Sonde

CMRS – BA

196

Auxiliary Equipment:

CMR Housing

CMRH – AA

Enhanced DTS Cartridge / Equipment Identification

Primary Equipment:

EDTC Gamma Ray Detector

EDTG – A/B

77415

Enhanced DTS Cartridge

EDTC – B

8479

Auxiliary Equipment:

EDTC Housing

EDTH – B

8466

Enhanced DTS Cartridge Wellsite Calibration

EDTC Accelerometer Calibration

Phase	EDTC Z-Axis Acceleration M/S2	Value
Before		9.786
9.610 (Minimum)		9.810 (Nominal)
		10.01 (Maximum)
Before: 10-Sep-2012 1:29		

Enhanced DTS Cartridge Wellsite Calibration

Detector Calibration

Phase	Gamma Ray Background GAPI	Value	Phase	Gamma Ray (Jig – Bkg) GAPI	Value	Phase	Gamma Ray (Calibrated) GAPI	Value
Before		2.743	Before		163.5	Before		165.0
After		4.343	After		161.6	After		163.1
0 (Minimum)		30.00 (Nominal)	148.7 (Minimum)		163.5 (Nominal)	150.0 (Minimum)		165.0 (Nominal)
		120.0 (Maximum)			178.4 (Maximum)			180.0 (Maximum)
Before: 10-Sep-2012 1:29			After: 10-Sep-2012 14:39					

Company: JAMSTEC

Schlumberger

Well: C0020A

Field: C0020

Pref. Aomori

Country: Japan

Combinable Magnetic Resonance Plus
CMR T2 Distribution Plot
1:200