

# RESERVOIR MONITORING TOOL - ELITE

Service Ticket No.	904373430	API No.	05005072490000	PGM Ver	WARRIOR 8
The Well Name, Location, Borehole Description, and / or Cementing Data Furnished by Client					
EQUIPMENT DATA					
GAMMA		RMT			
Run No.	ONE	Run No.	ONE	Run No.	
Serial No.	11224503	Serial No.	12376244	Serial No.	
Model No.	TTTCU-002	Model No.	RMTi	Model No.	
Diameter	1.69"	Diameter	2.75"	Diameter	
LOGGING DATA					
General Data					
Pass	Depths		Well Head	Speed	Logging Run Comments
No	From	To	Pressure	Ft/Min	

No.	FROM	TO	Pressure	Flow				
ONE	7550'	200'	0	20				
	GAMMA		SGIN					
Pass	Scale		Scale		Scale		Scale	
No.	L	R	L	R	L	R	L	L
ONE	0	150	60	0				
DIRECTIONAL INFORMATION								
Maximum Deviation			deg. @		KOP			

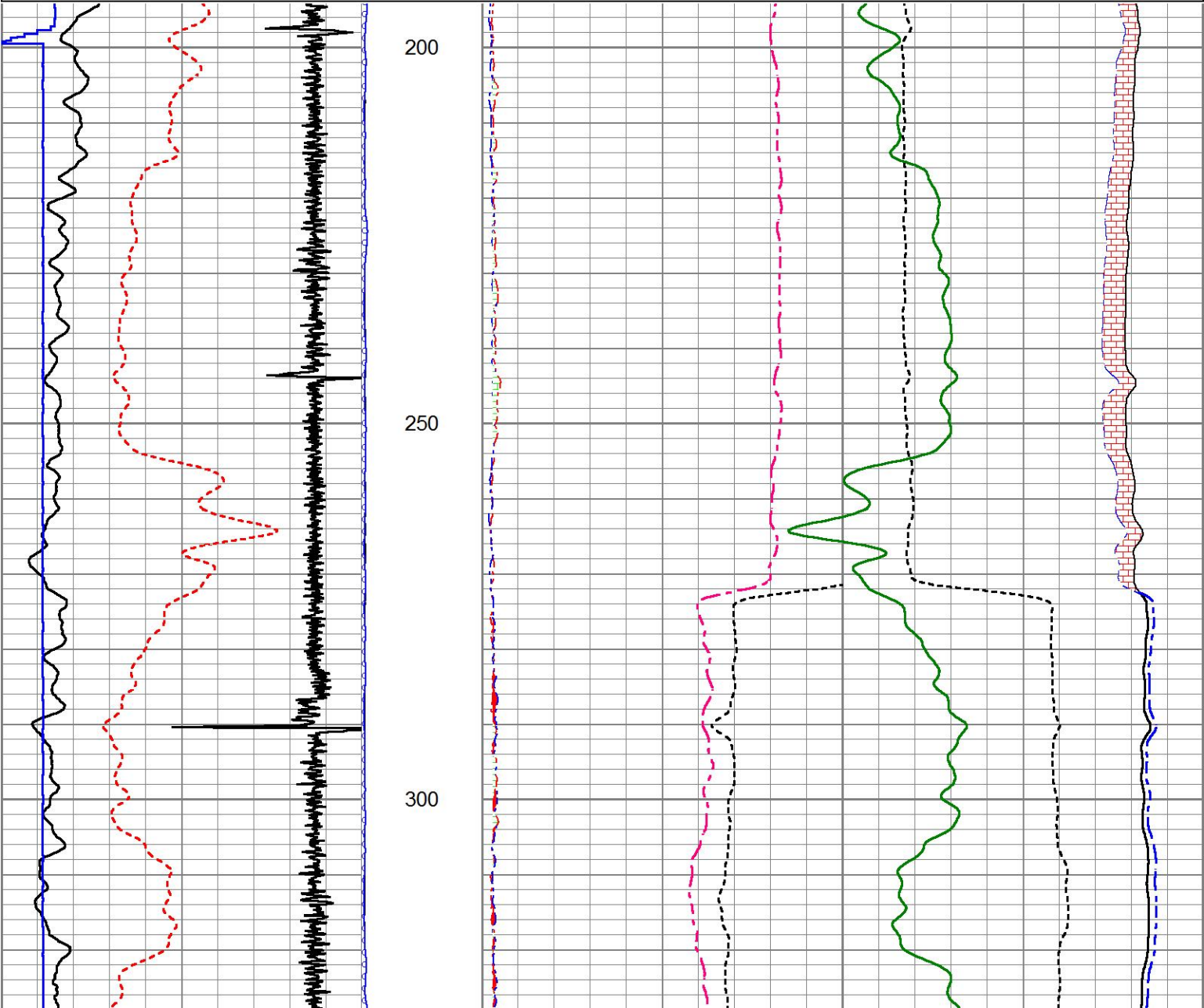
MAIN PASS

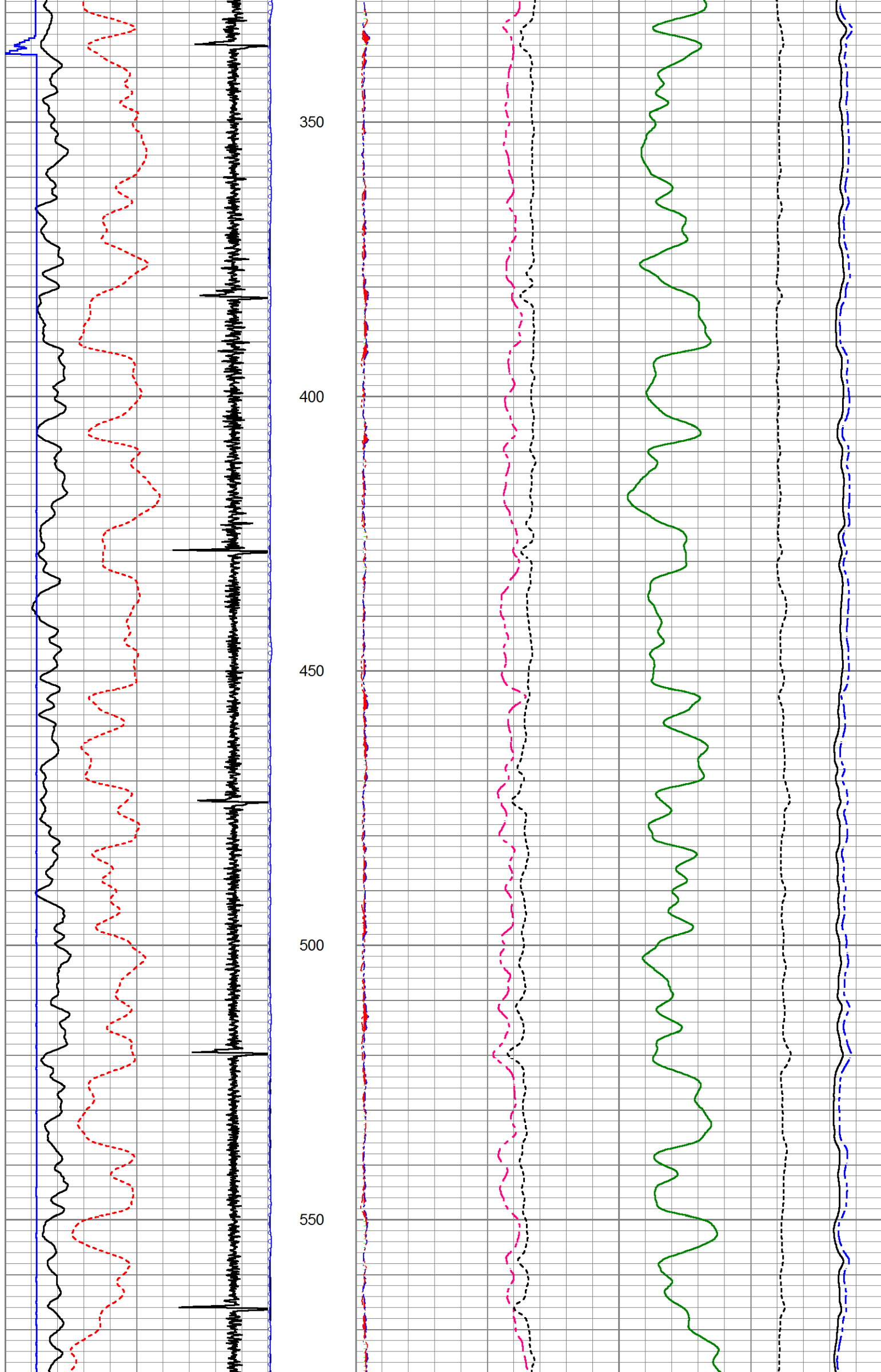
HALLIBURTON

5" = 100'

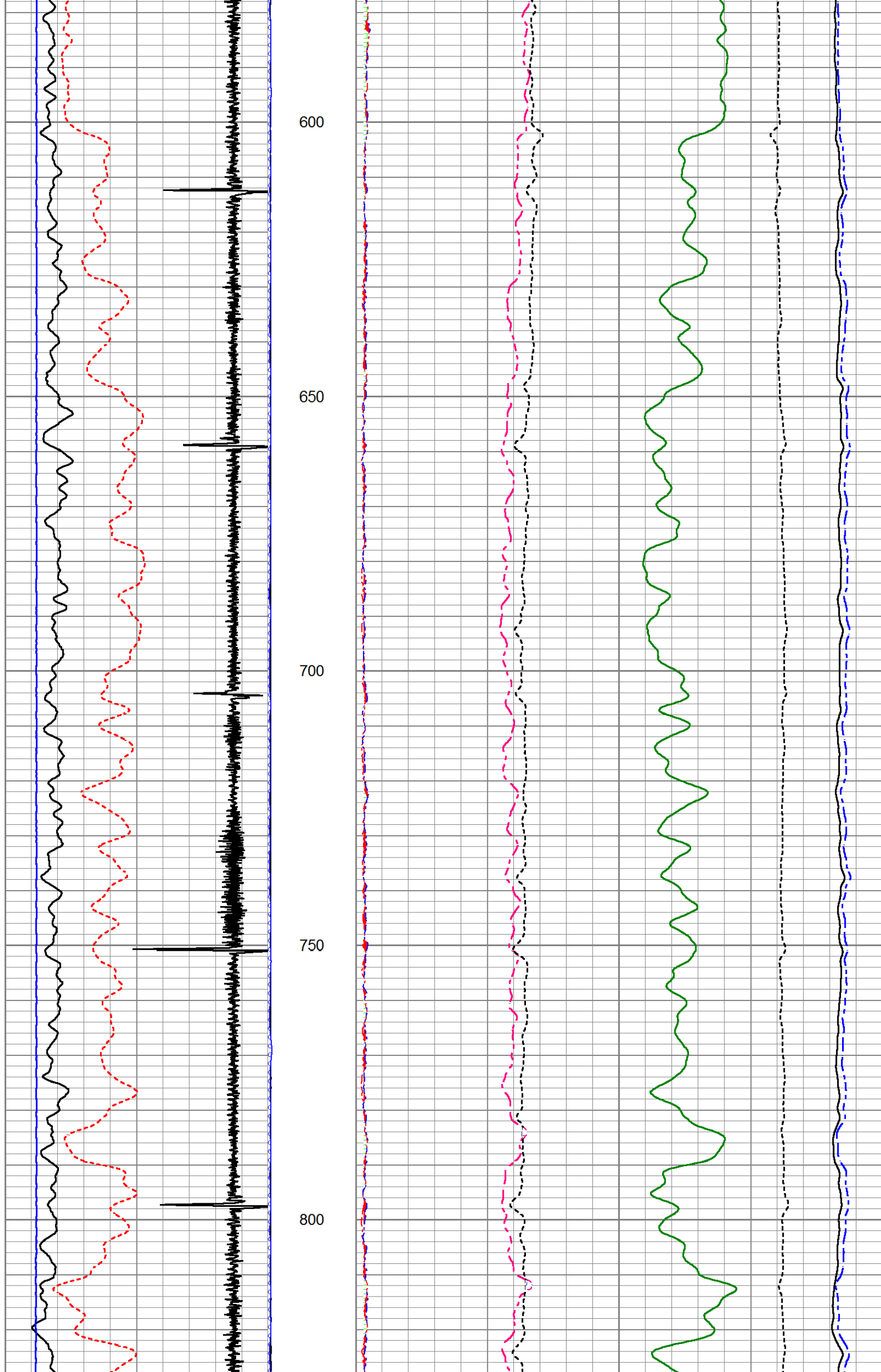
Database File        prosper farms 4-65 2-1 4ah.db  
Dataset Pathname    MAIN FINAL  
Presentation Format   !1!!rmt\_rmti  
Dataset Creation     Fri Oct 20 16:48:55 2017  
Charted by           Depth in Feet scaled 1:240

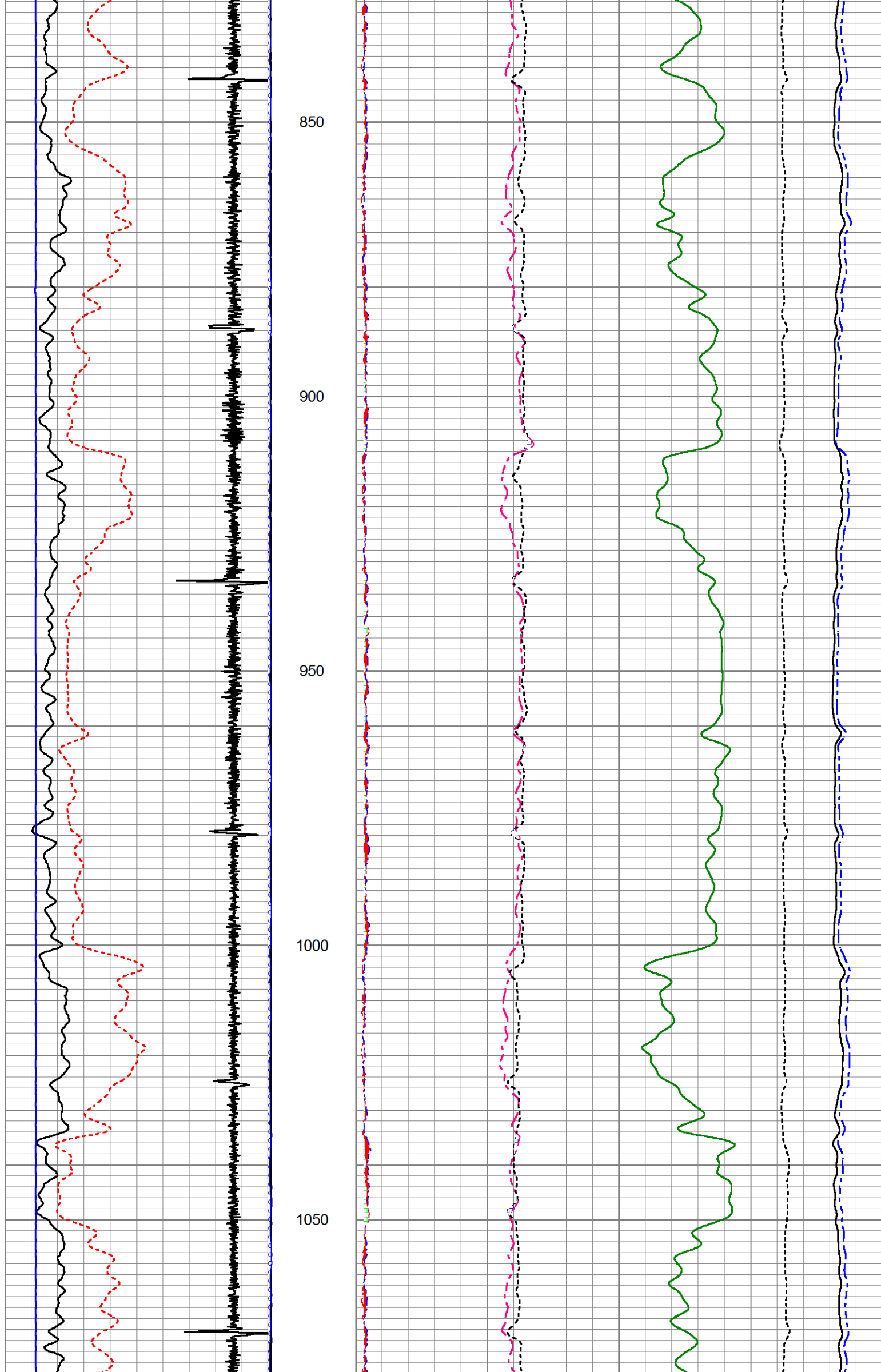
0	GR	200	LTEN	60	SGFF				0
2000	CCL	-300	0 (lb5000	2	RNF (Ratio Near/Far)	0.5	100000	FSIN	0
0	LSPD (ft/min)	200	0 OAI1100	1.65	RIN (Ratio Near/Far Incl)	0.65	60000	NCAP	0
10	SGINear	40		0	NFTR (Near Fit Error)	100	60000	FCAP	0
				0	FFTR (Far Fit Error)	100			

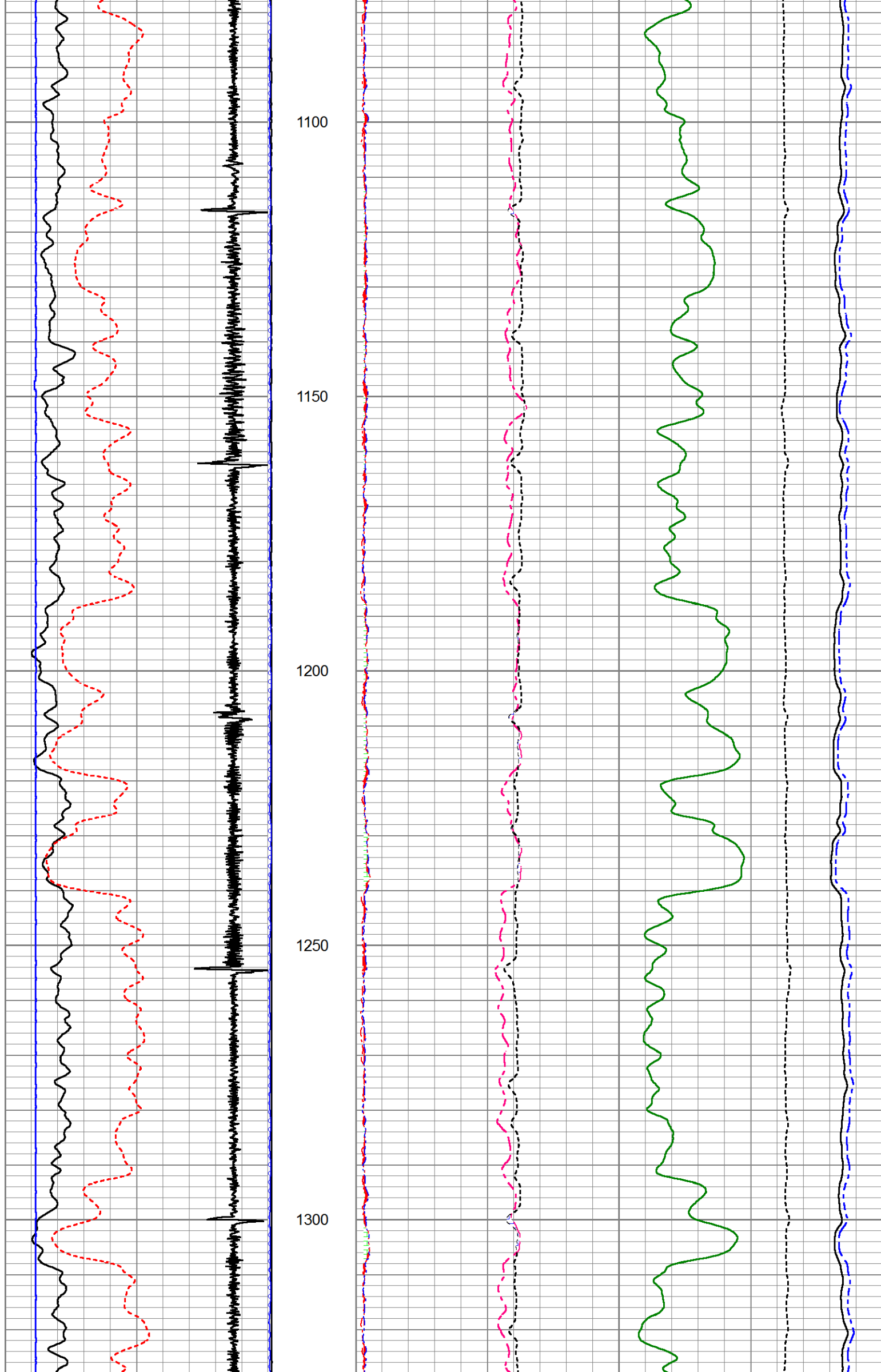


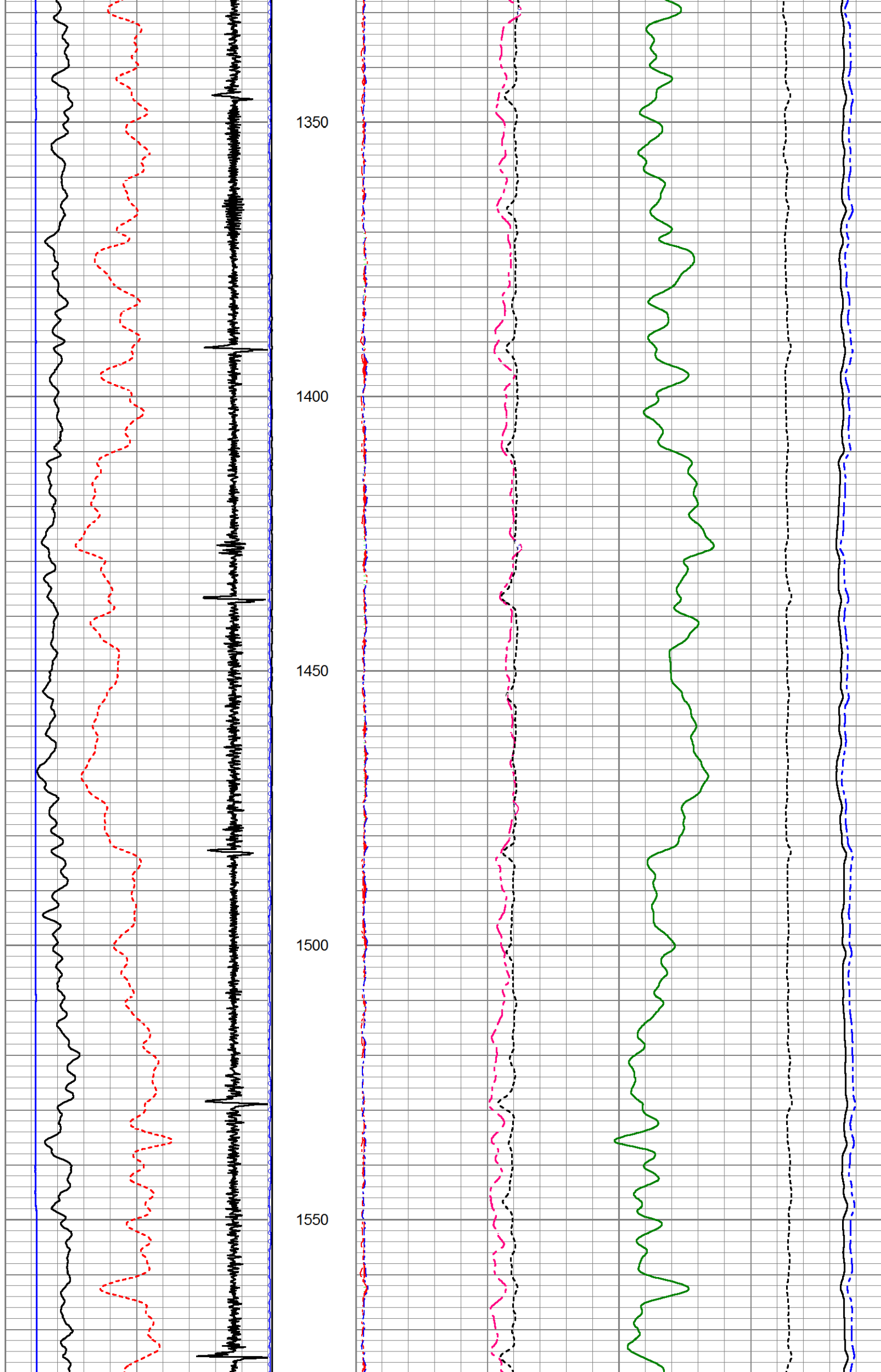


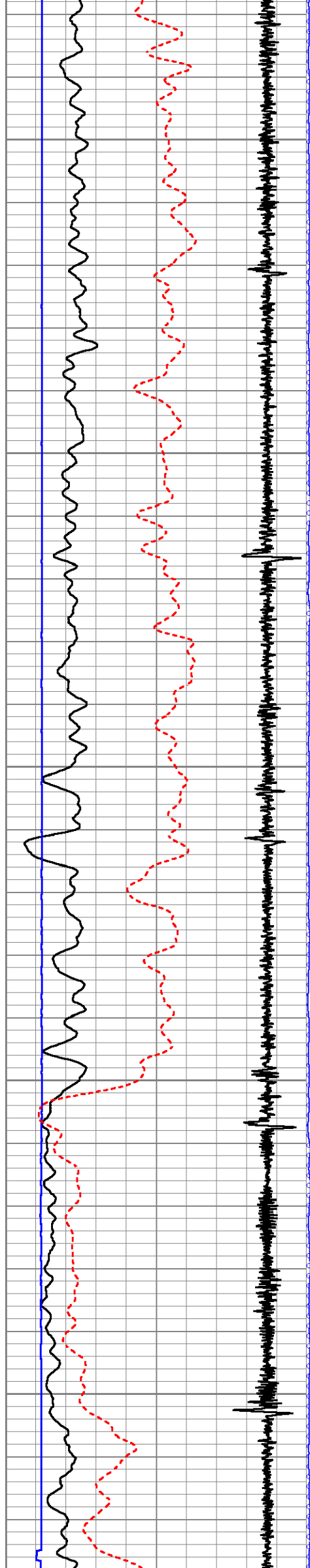












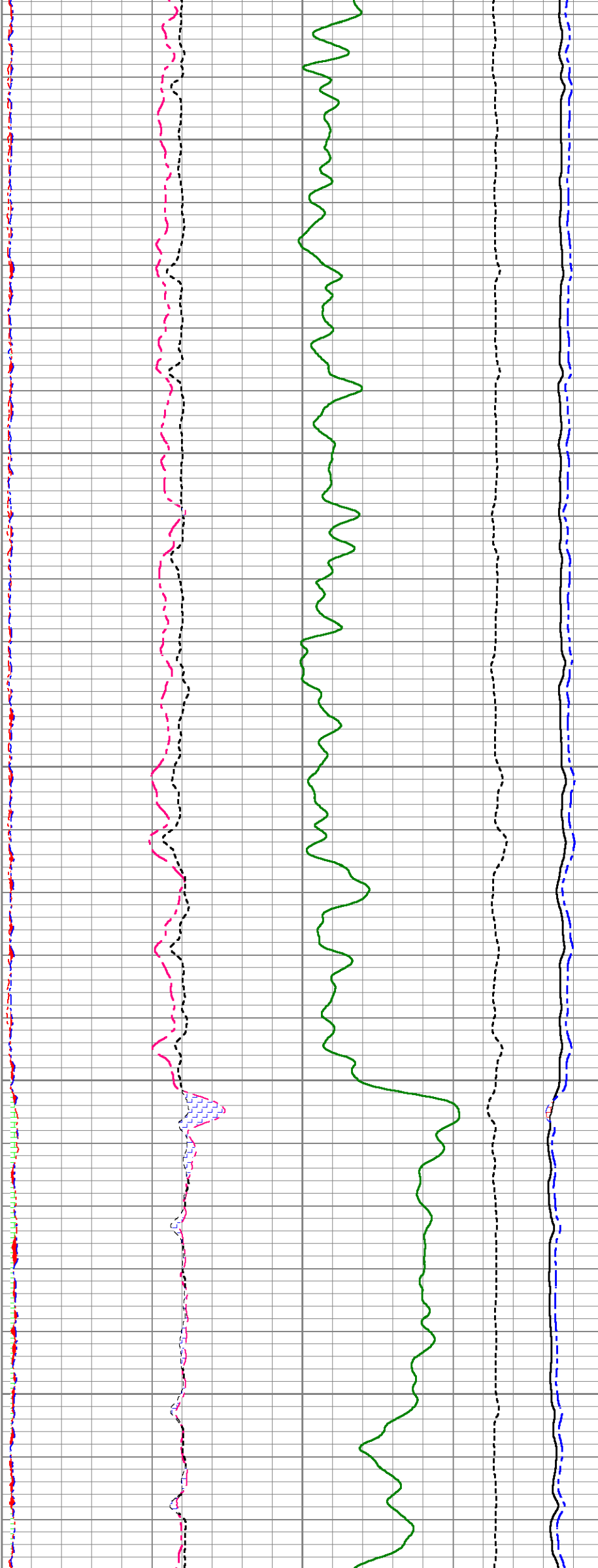
1600

1650

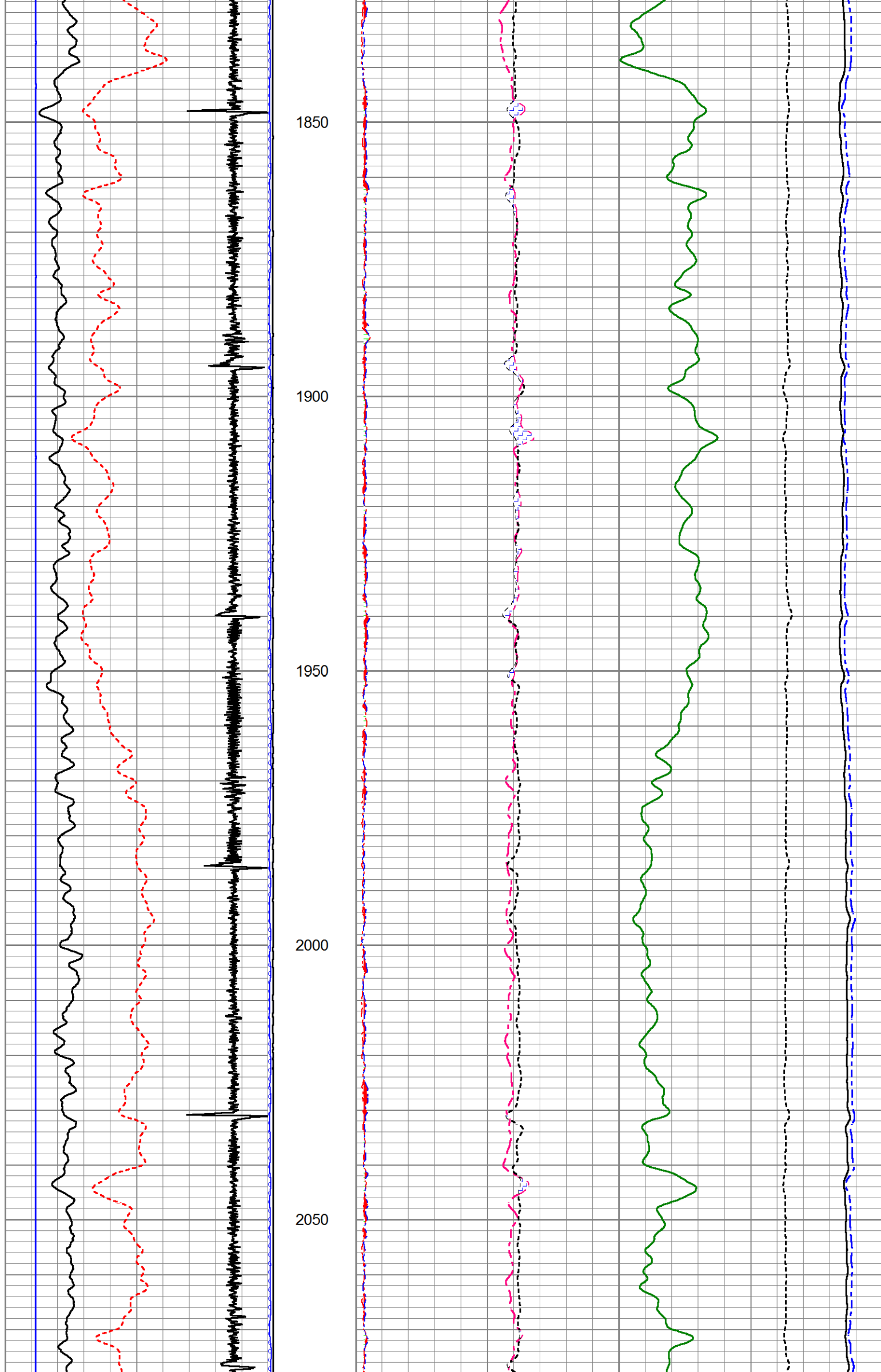
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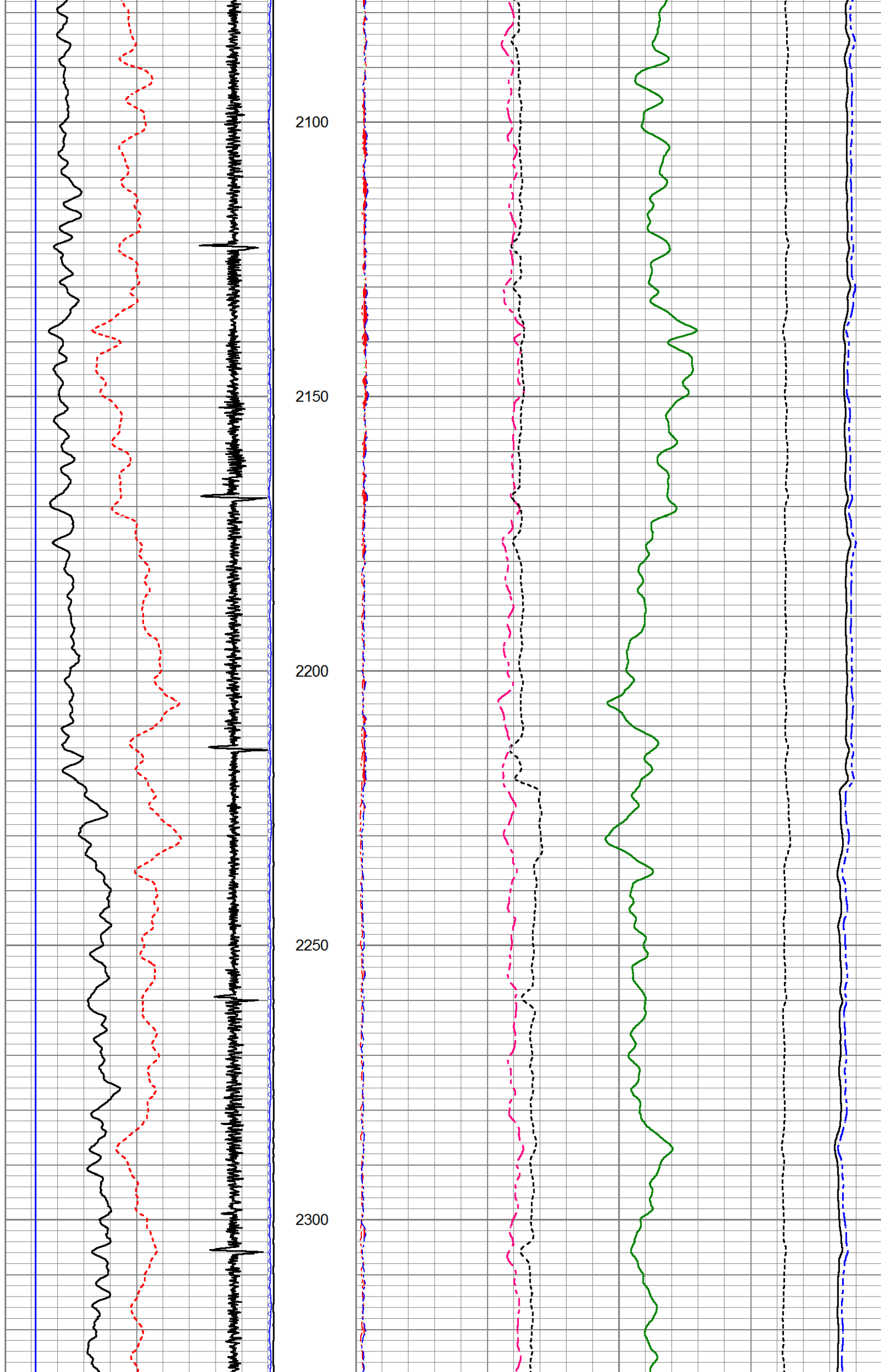
1750

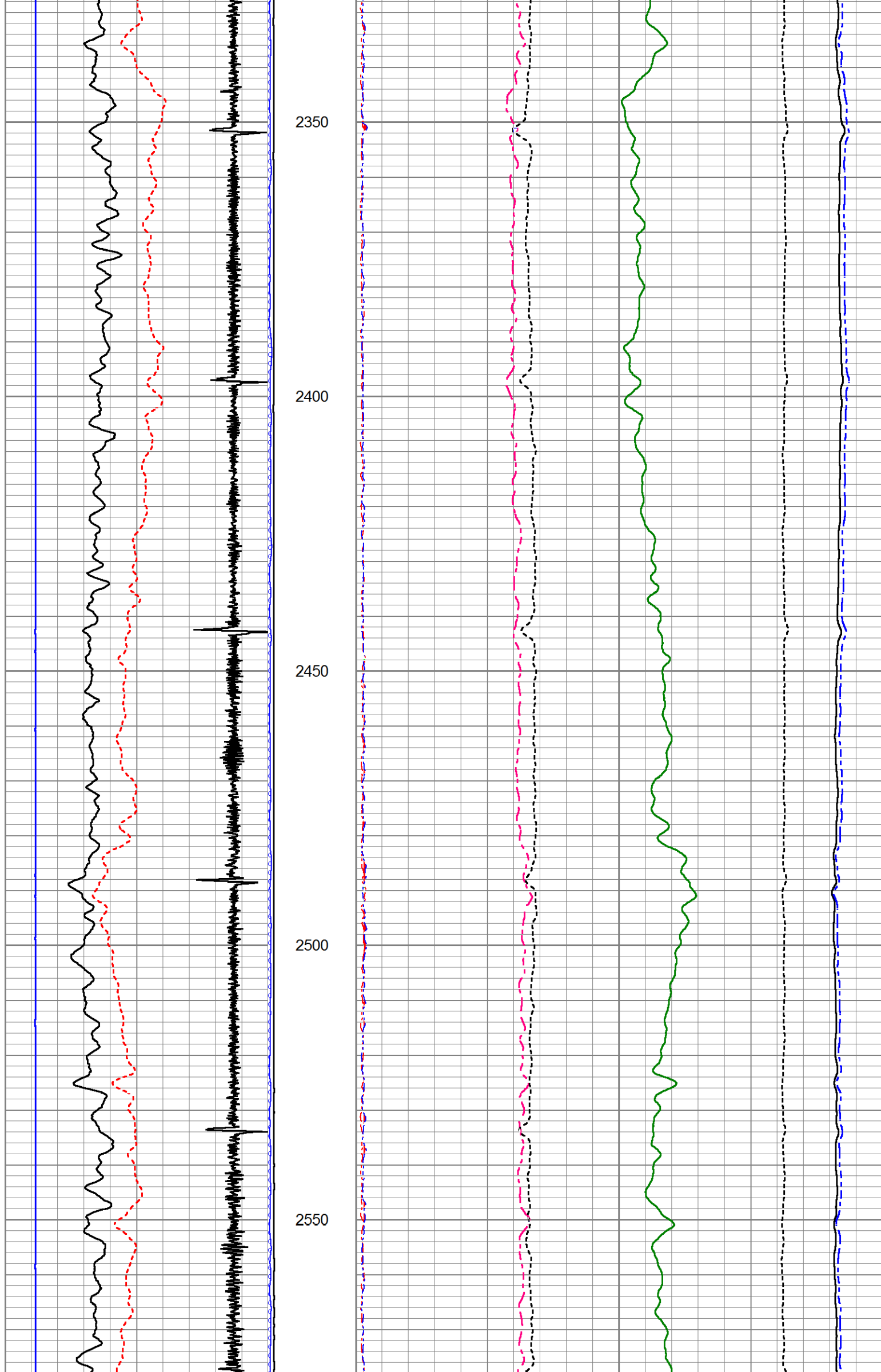
1800

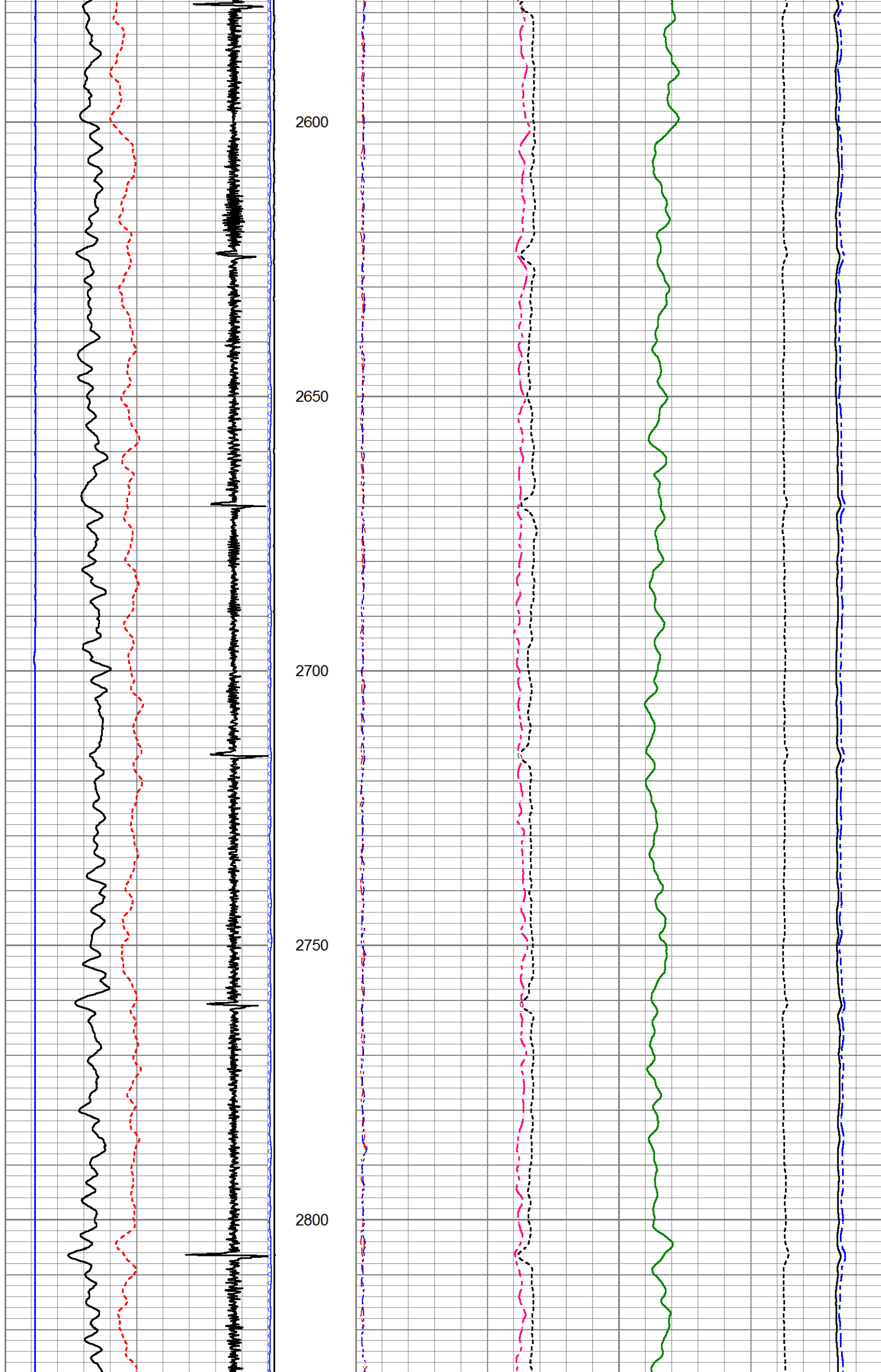


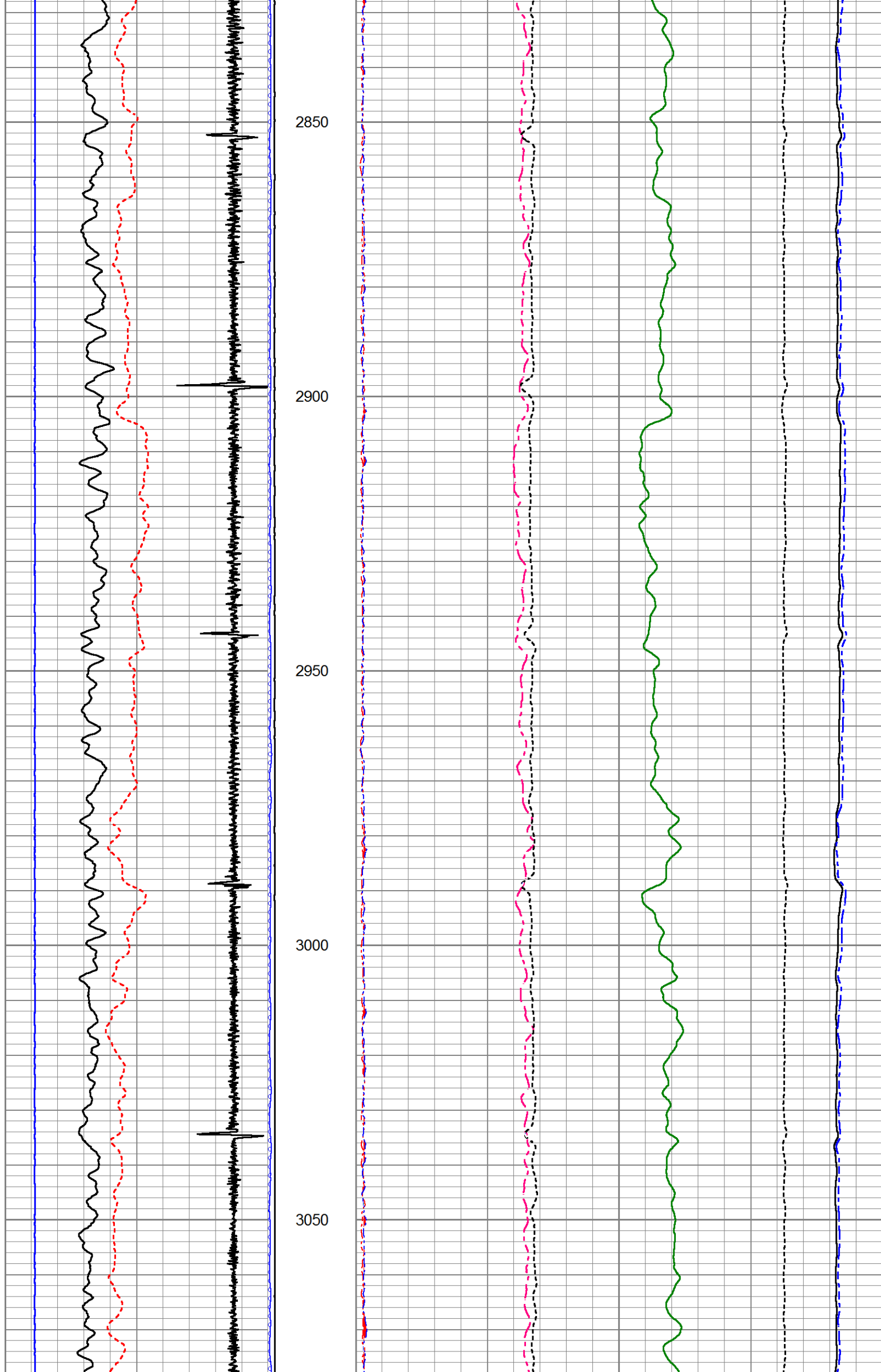




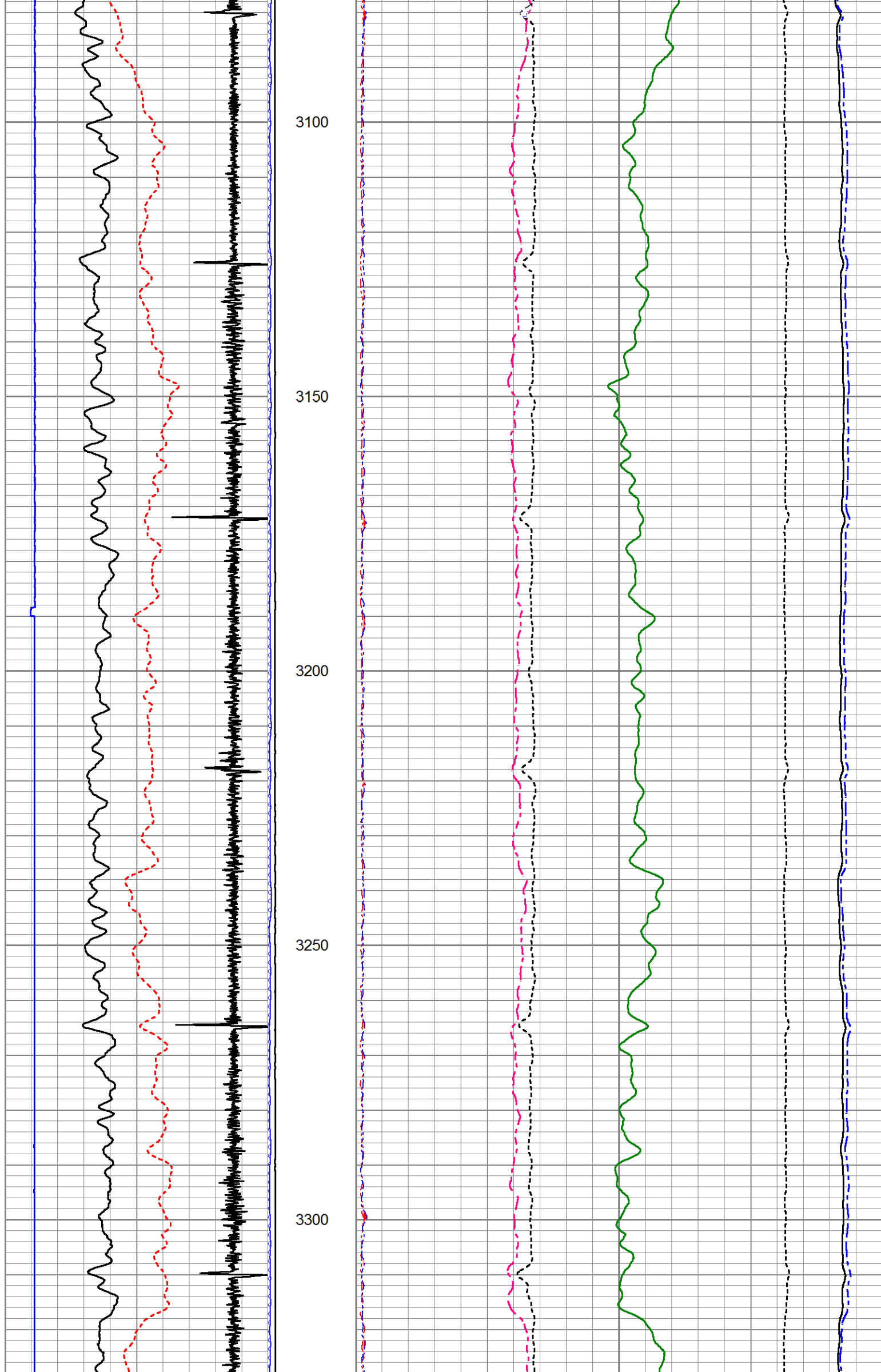


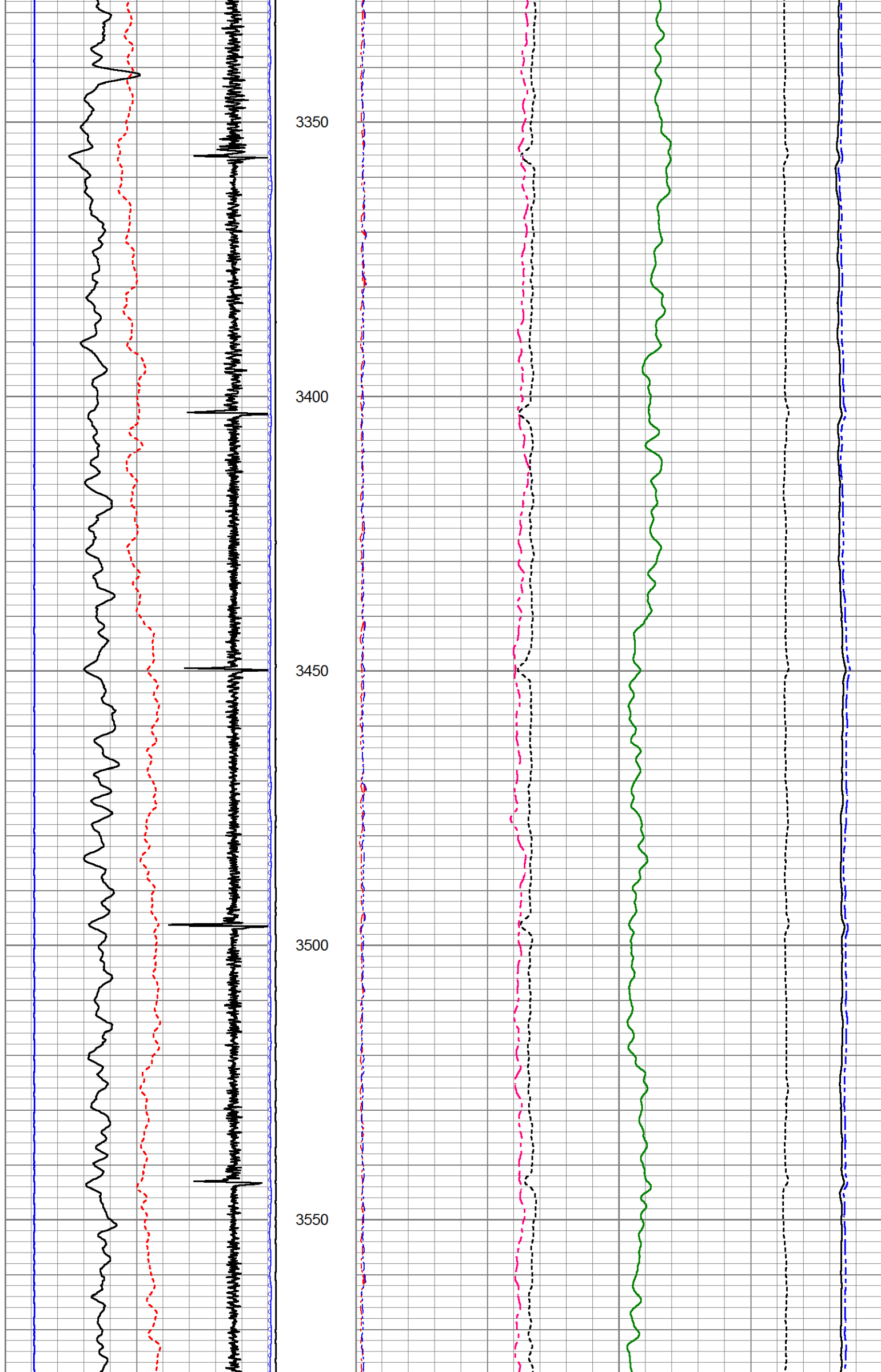


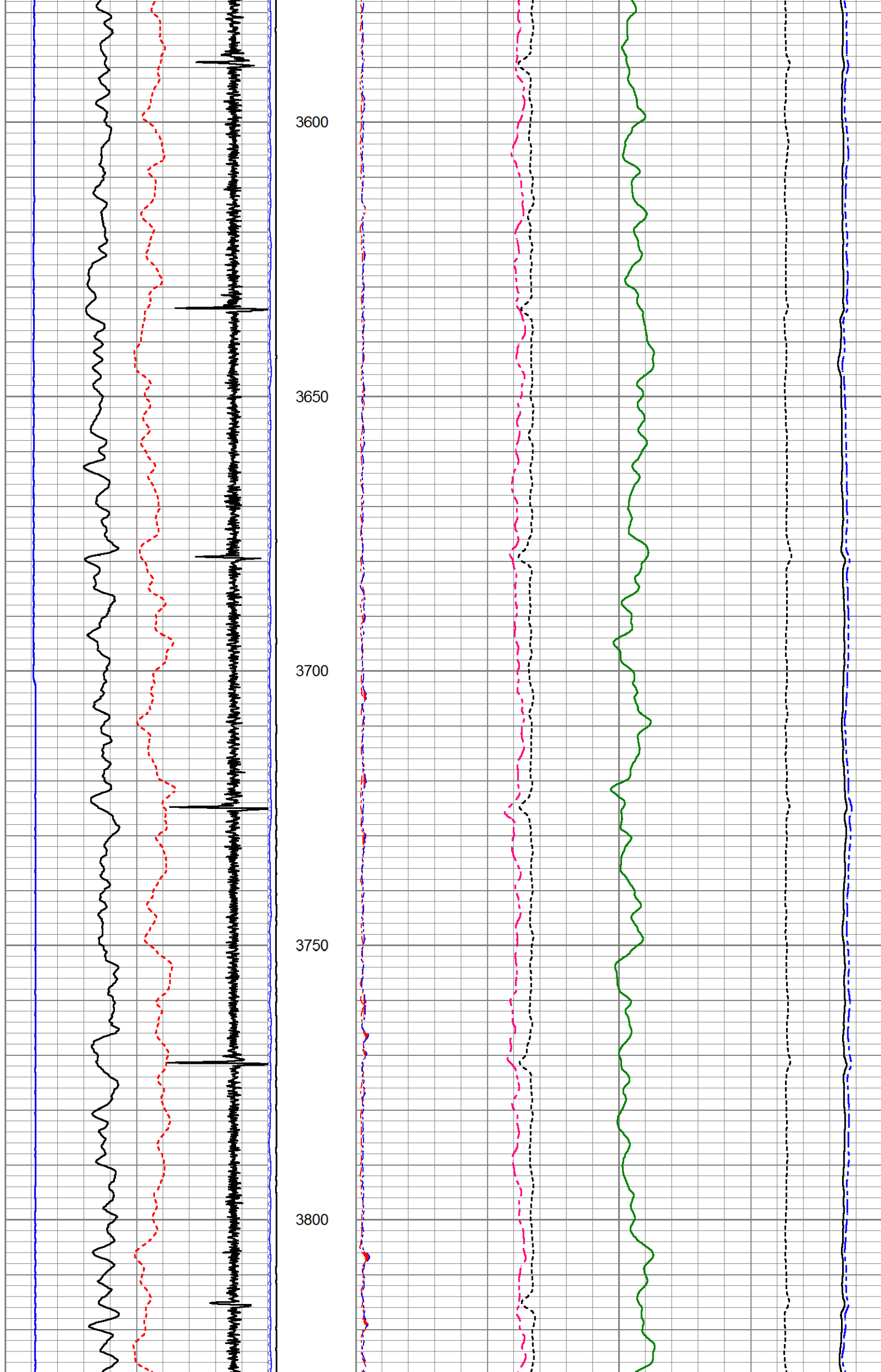


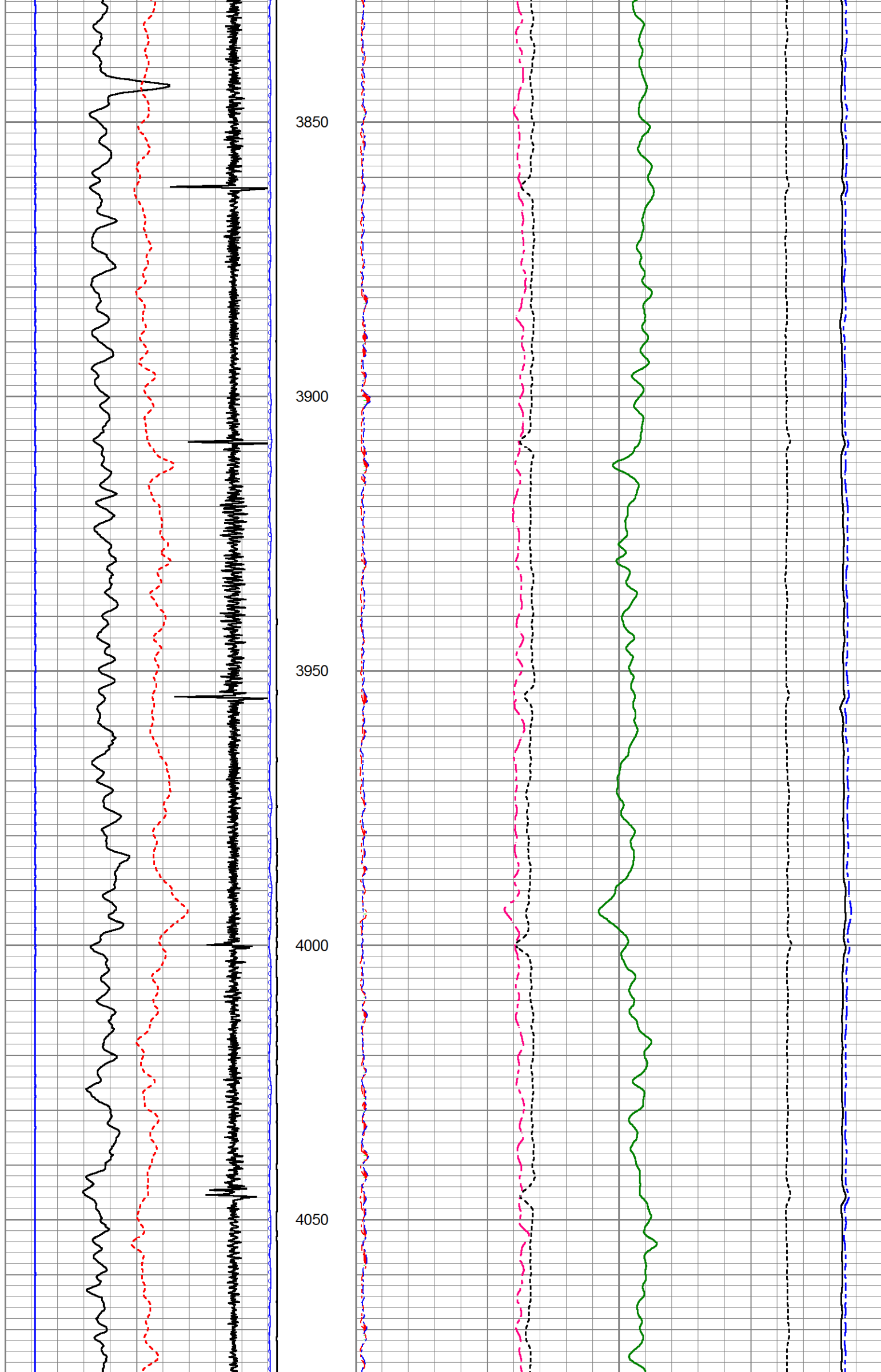


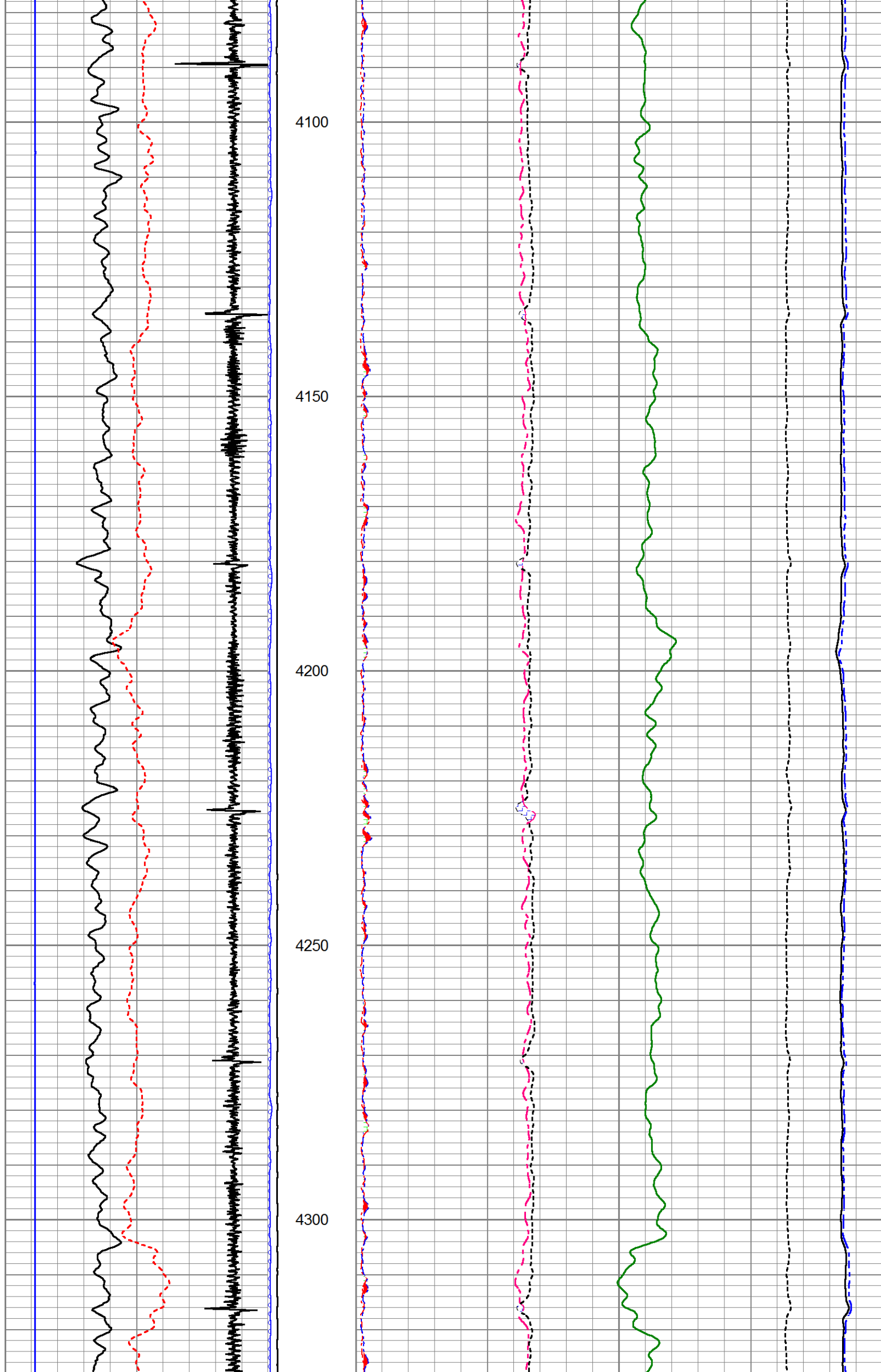




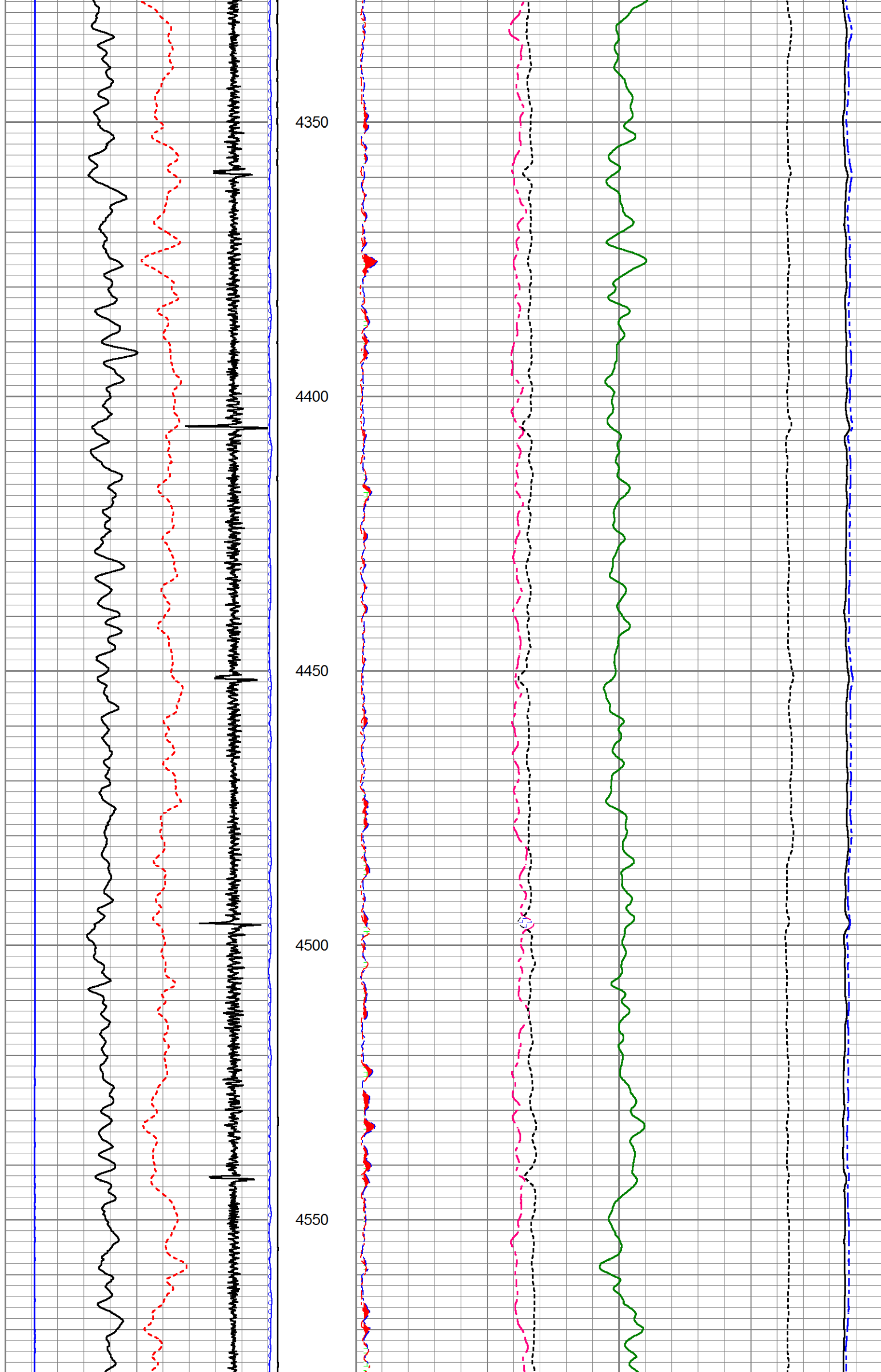


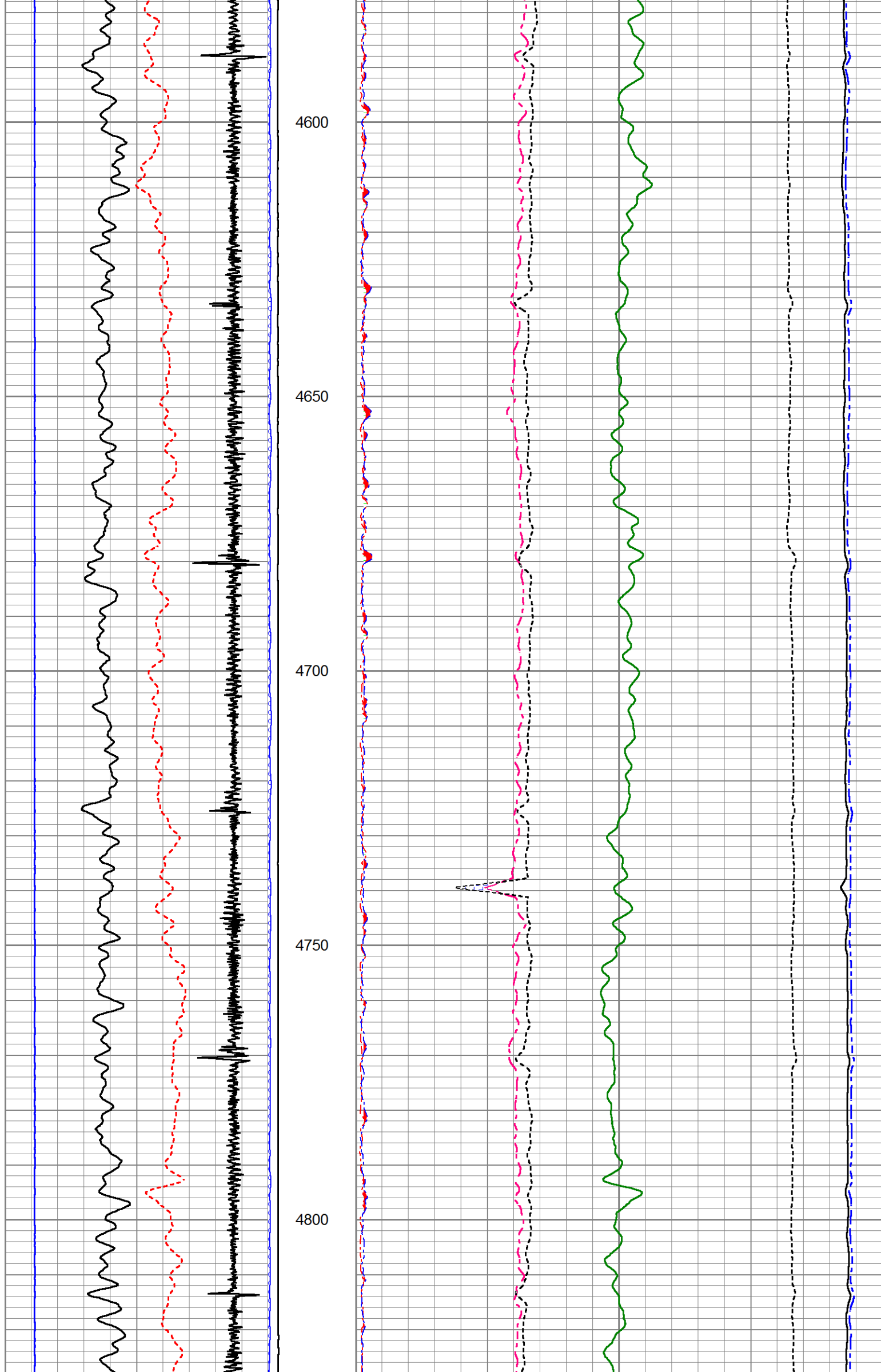


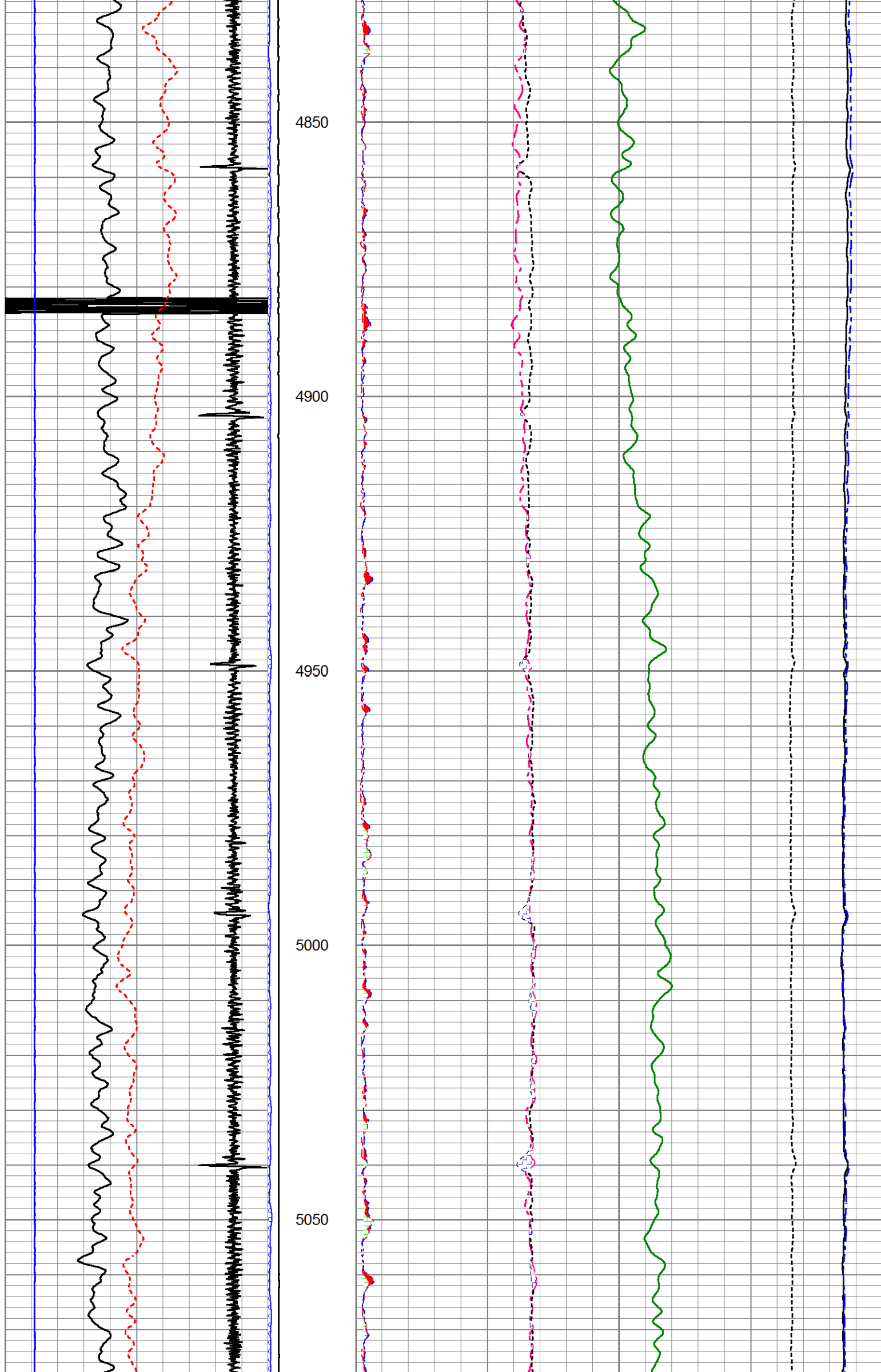


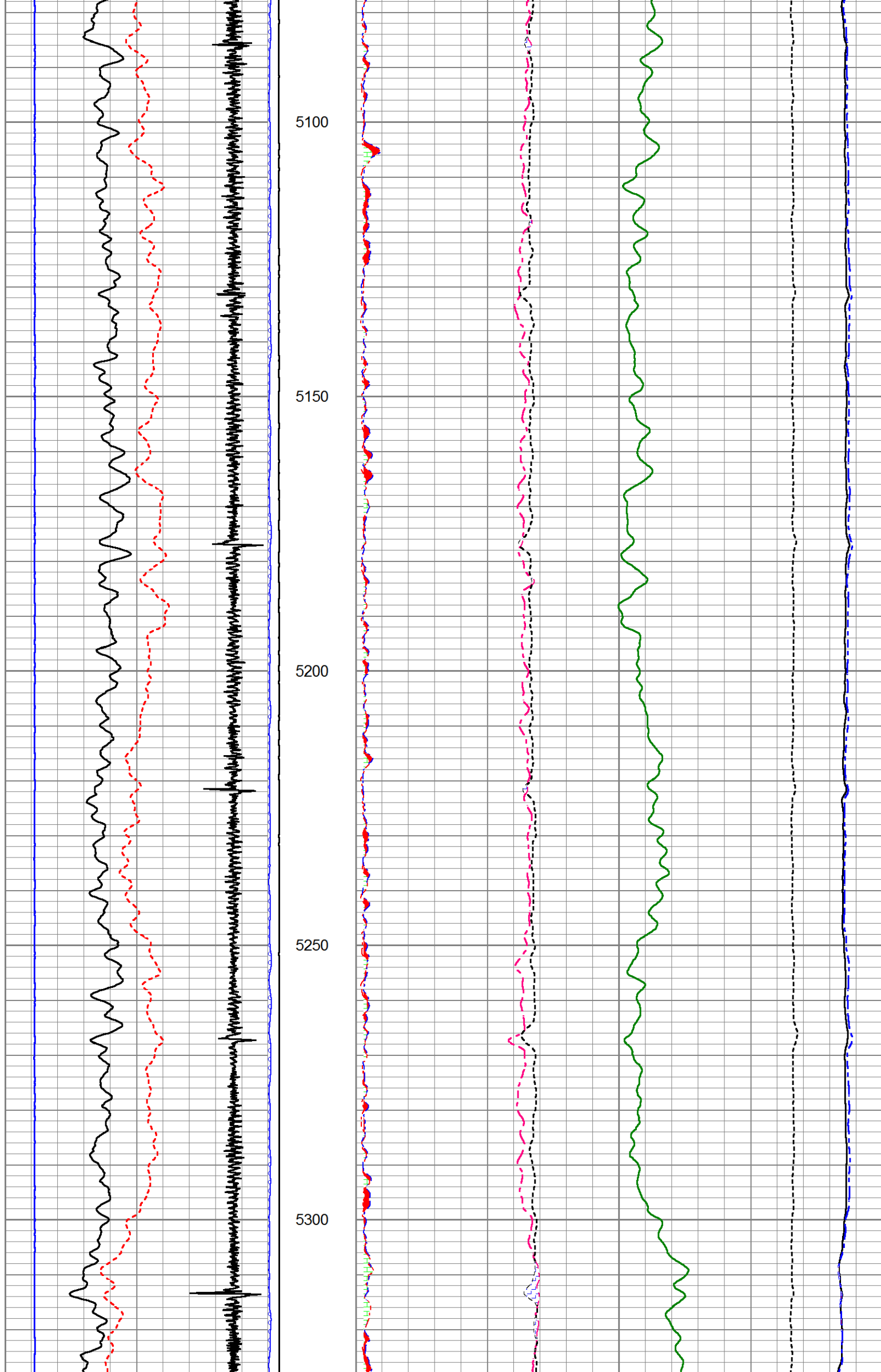


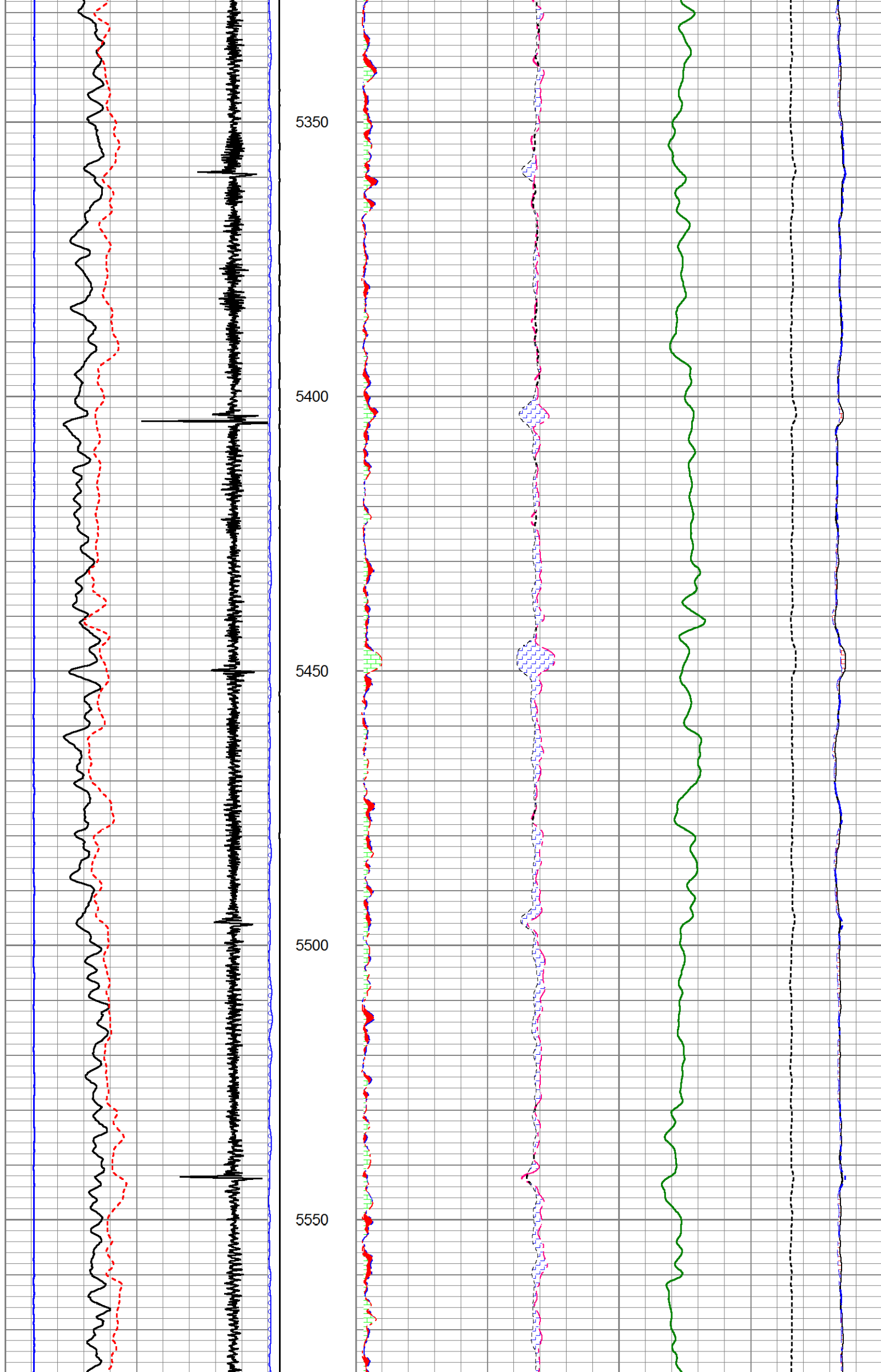




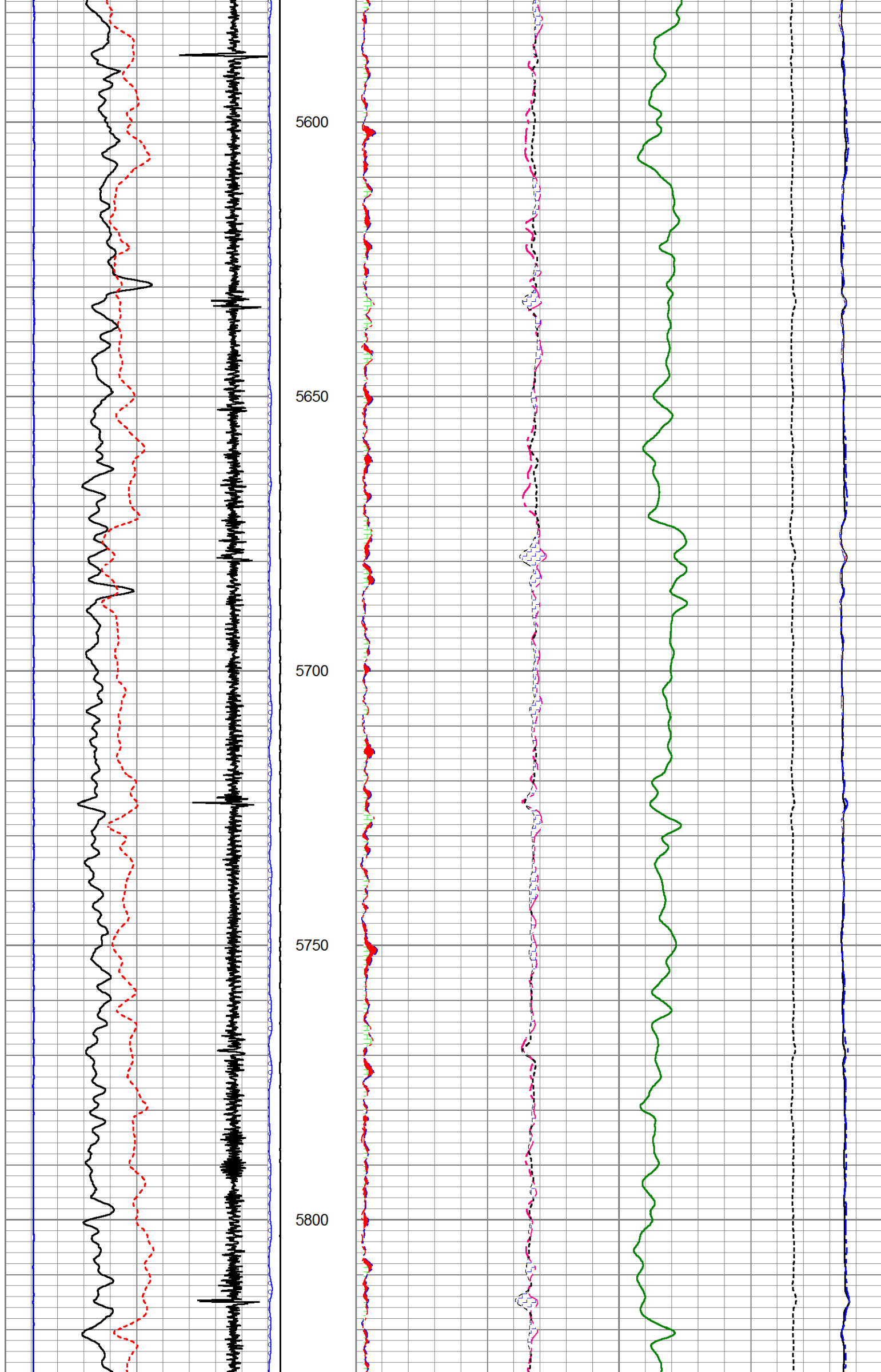


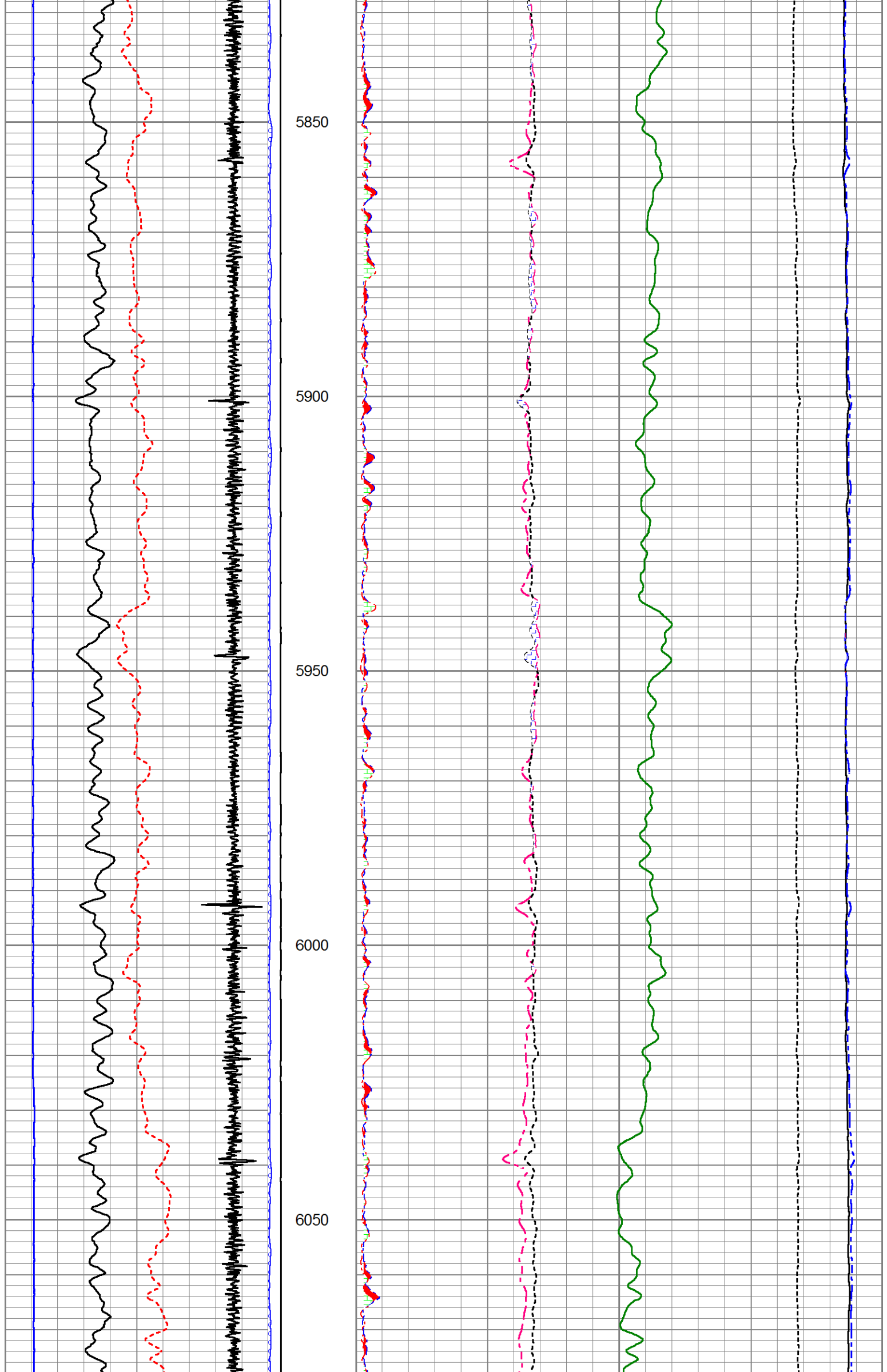


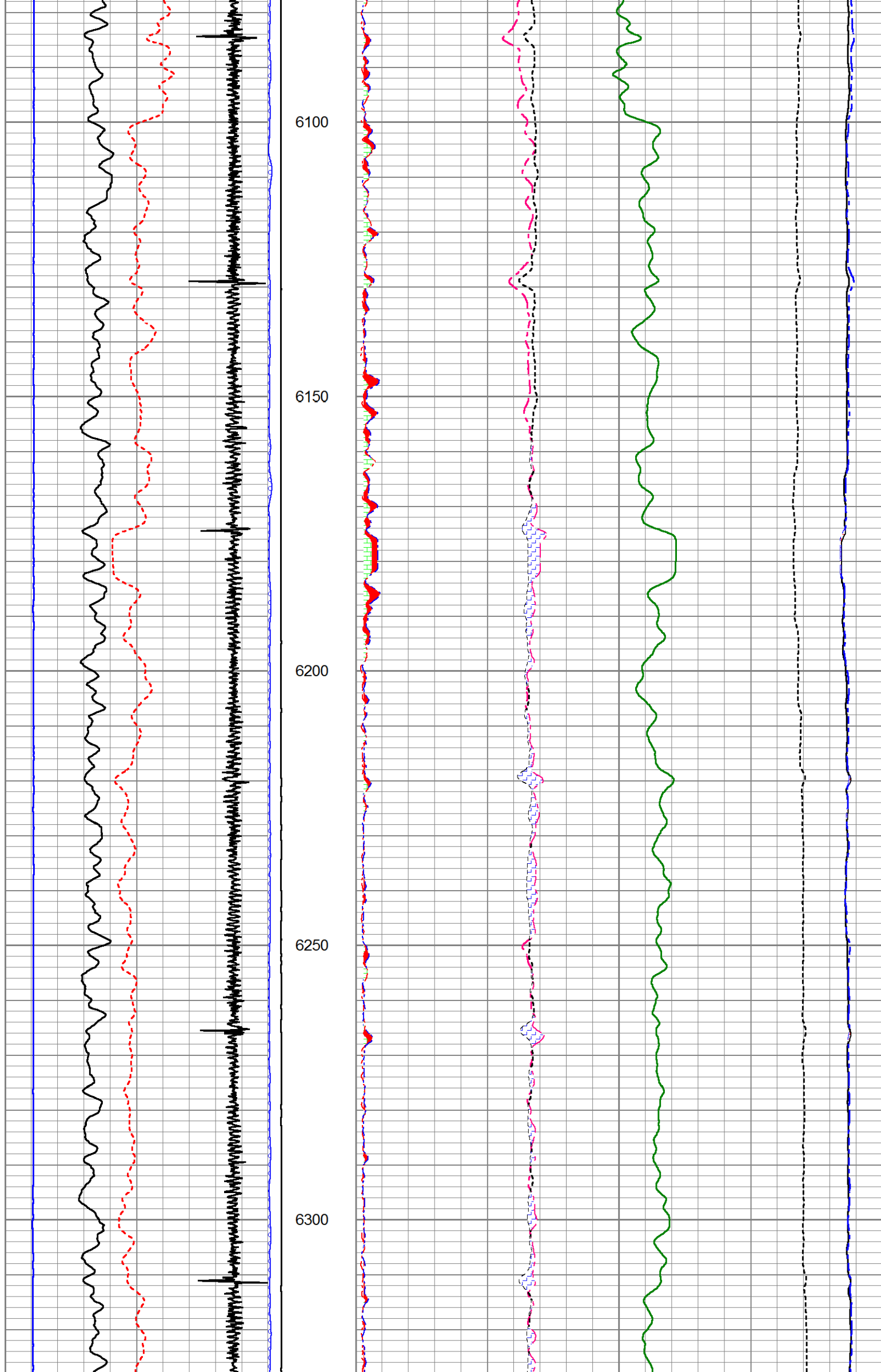


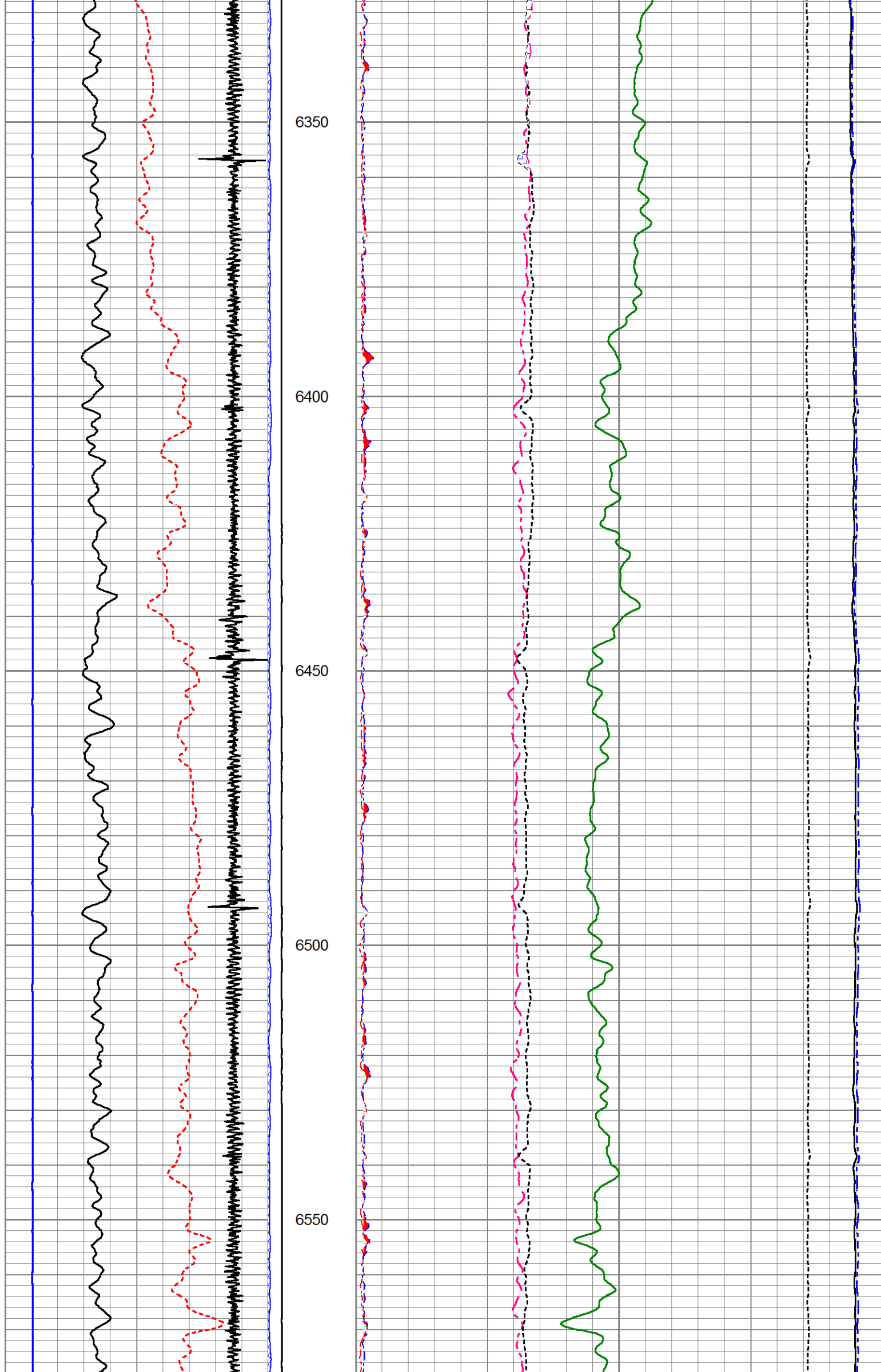


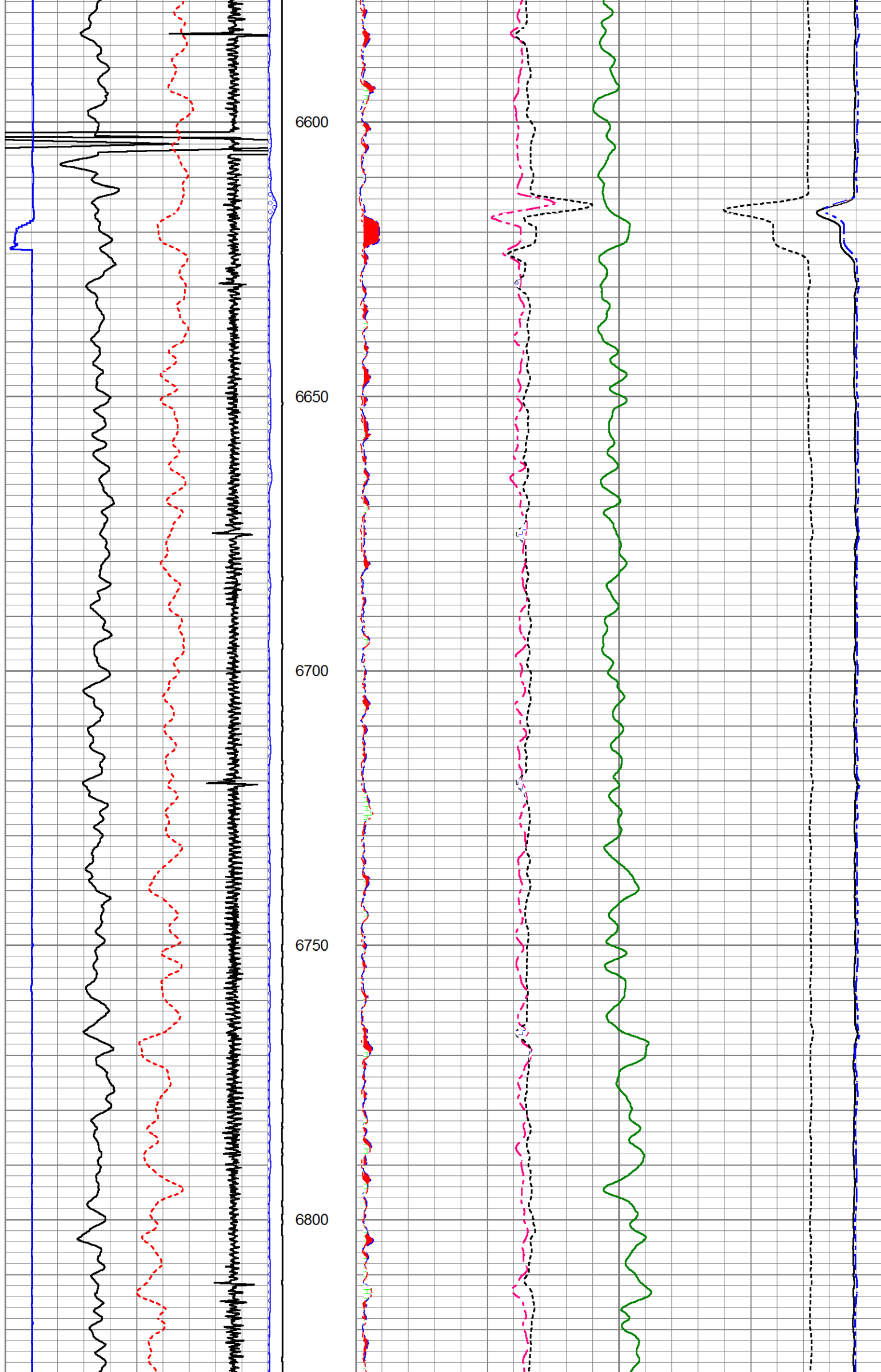




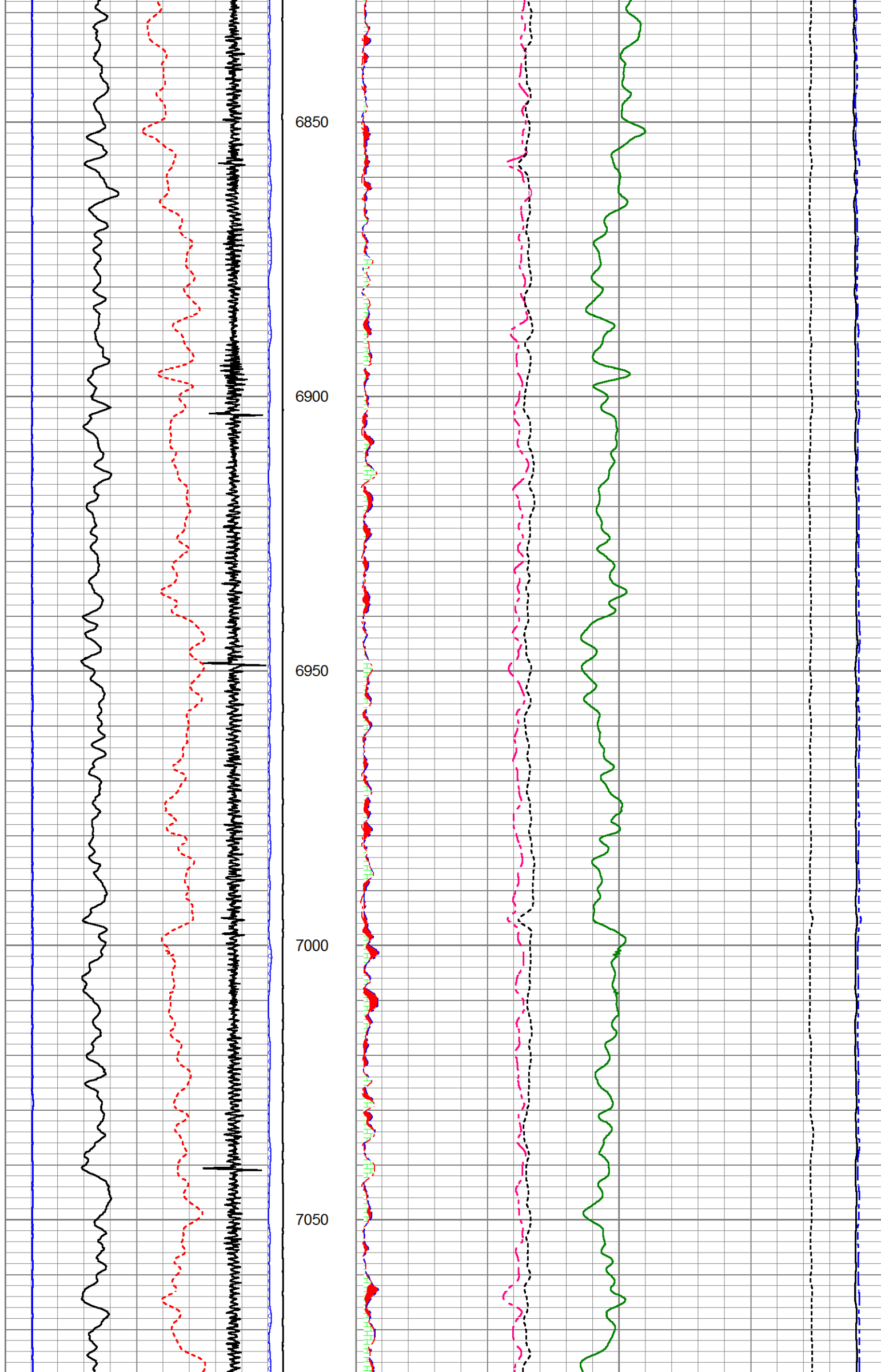


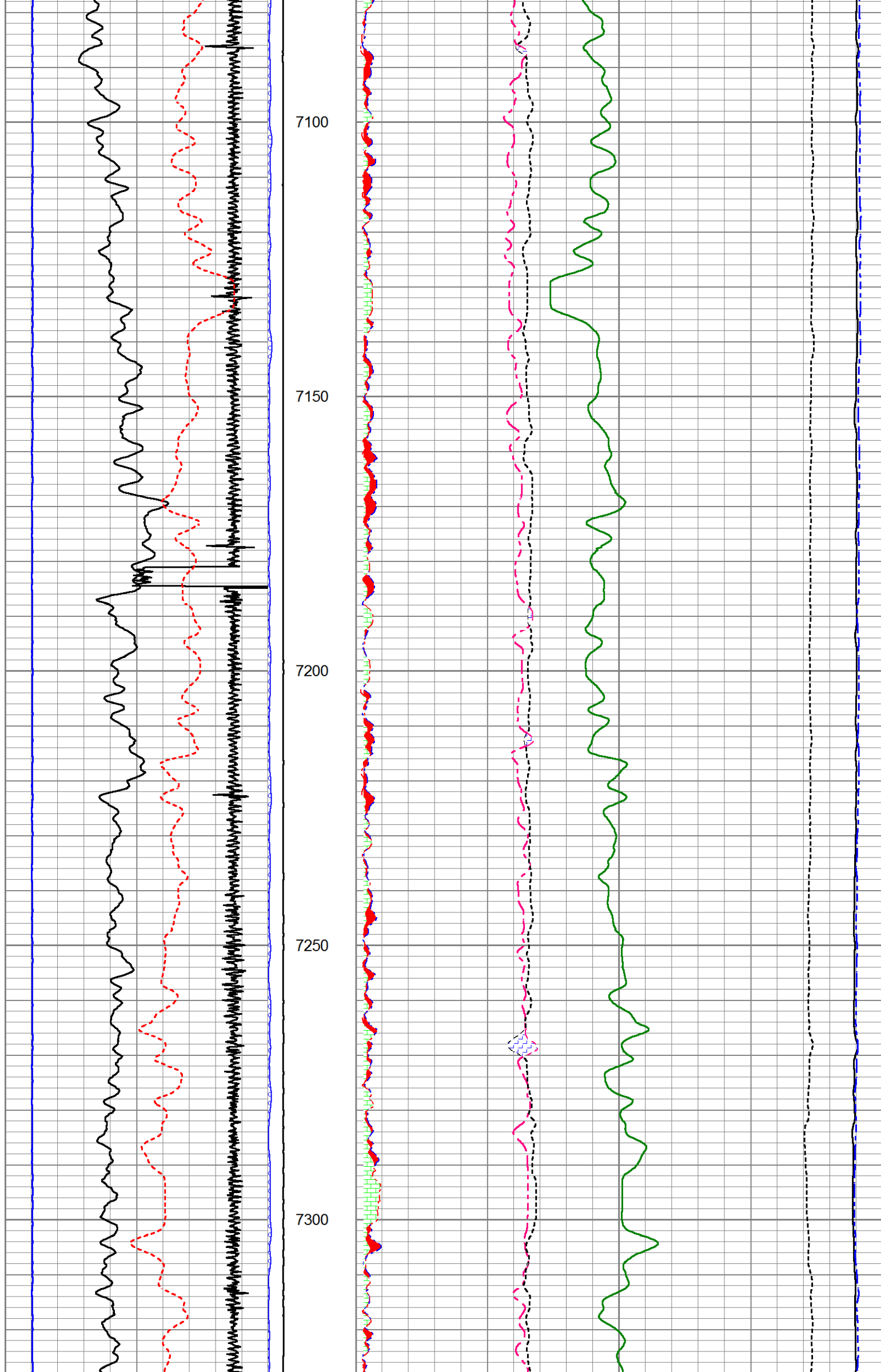














MAIN PASS

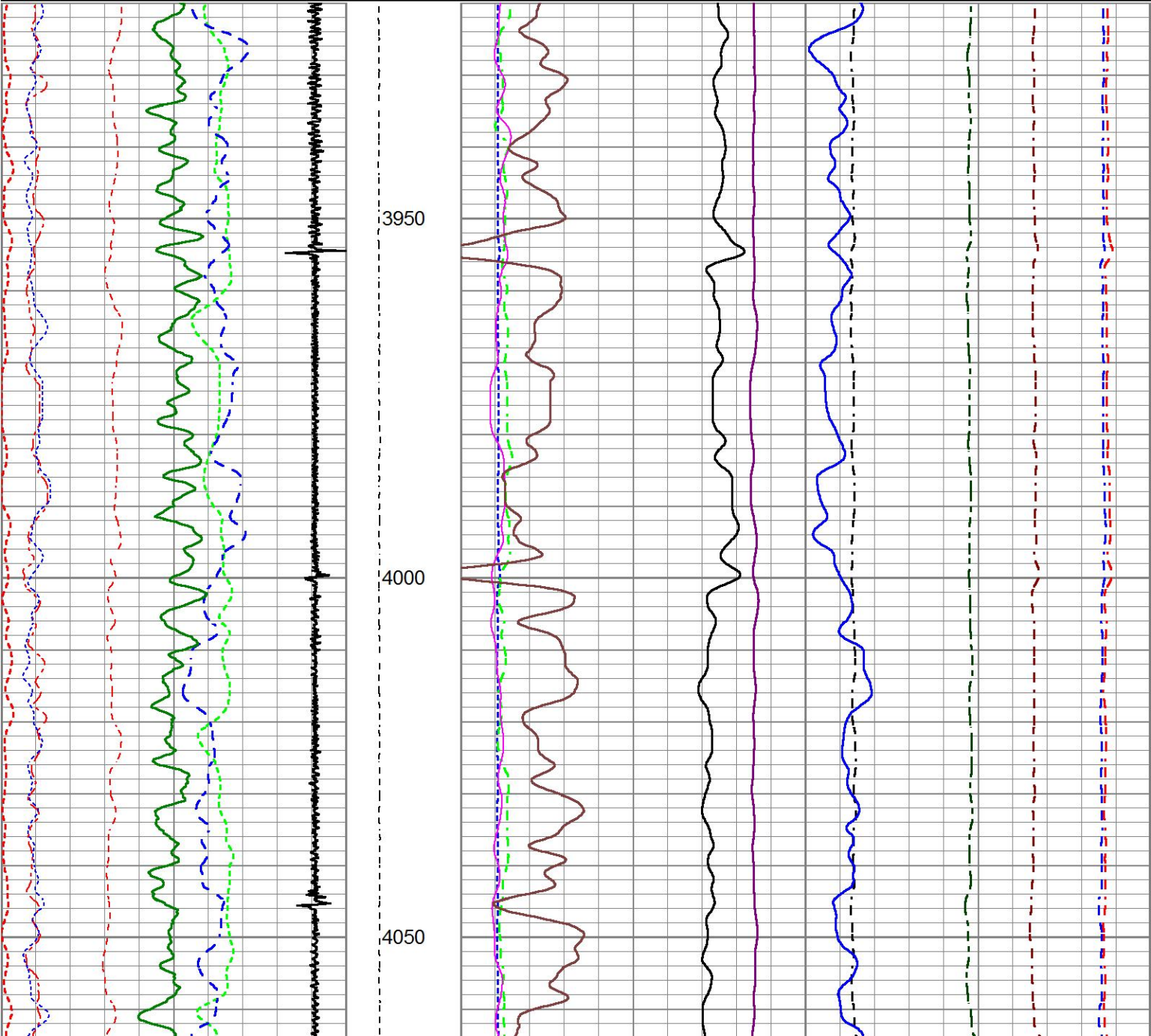
5" = 100'

REPEAT PASS

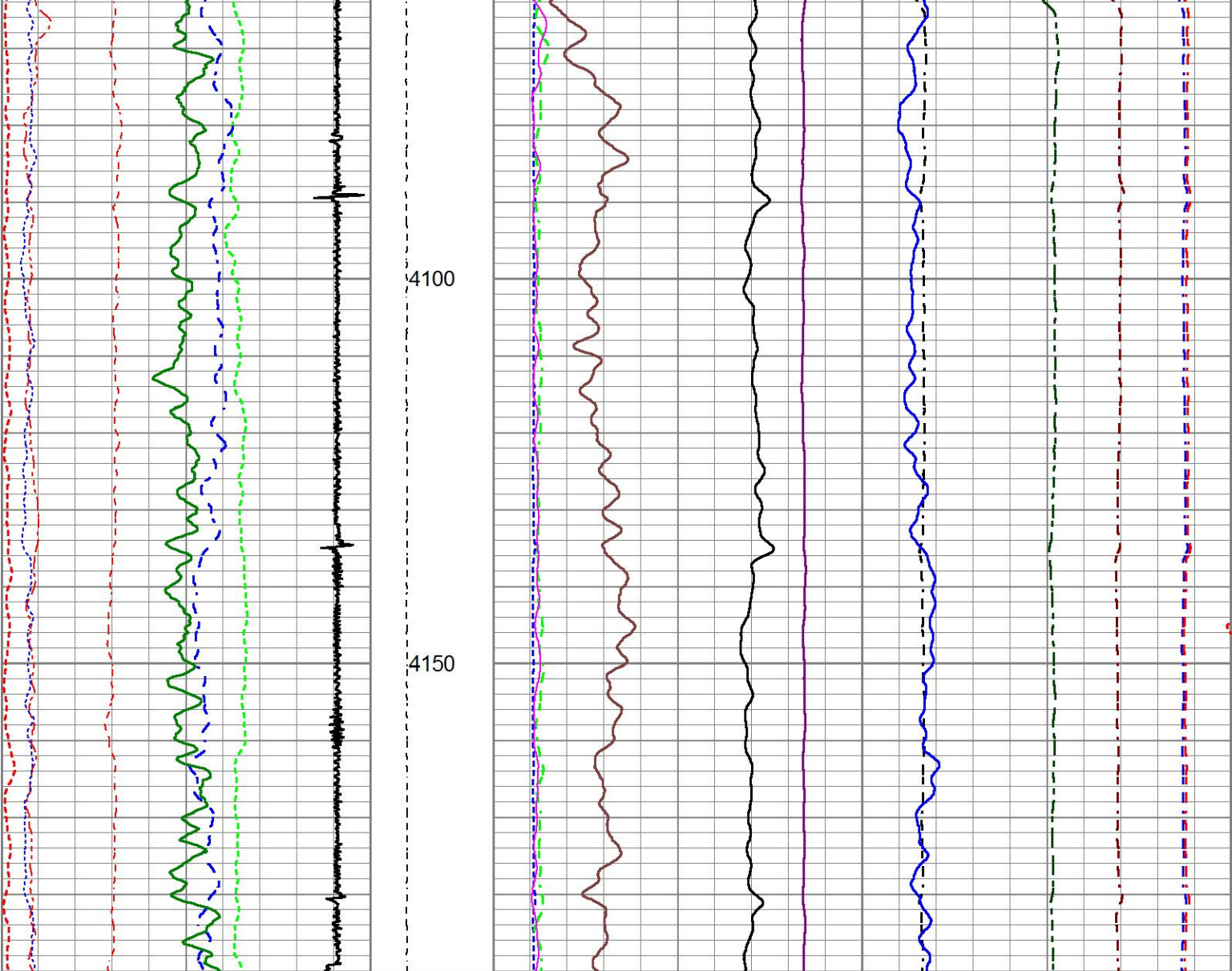
5" = 100'

Database File        prosper farms 4-65 2-1 4ah.db  
Dataset Pathname    RPT1  
Presentation Format   rmte\_main  
Dataset Creation     Fri Oct 20 10:06:26 2017  
Charted by           Depth in Feet scaled 1:240

200	Near Bore Si (SGBN)	0	TENSION	0	RATIO (RNF)		1
0	OAI	100	0 (lb.1800	60	SGIN		0
10	FAR FIT ERR (SGFF)	40		0	RIN	9	60000 Near Counts (NCAP)
0	GR (GAPI)	150		0	RICF	6	60000 Far Counts (FCAP)
0	NEAR FIT ERR (SGFN)	100		0	H YIELD (YH2)	1	100000 FAR INTEL CT (FSIN)
-5100	CCL	500		0	H YIELD (YH1)	1	10000(NEAR INTEL CT (NSIN)
0	IN FIT ERR (CFTR1) NEAR	1		0.9	PHIT ( )	-0.1	ET INL NEAR (NNII
0	IN FIT ERR CFTR2) FAR	1			INOX2		50000 -1000
					-1500	1500	







200	Near Bore Si (SGBN)	0	TENSION	0	RATIO (RNF)		1
0	OAI	100	0 (lb 1800	60	SGIN		0
10	FAR FIT ERR (SGFF)	40		0	RIN	9 60000	Near Counts (NCAP) 0
0	GR (GAPI)	150		0	RICF	6 60000	Far Counts (FCAP) 0
0	NEAR FIT ERR (SGFN)	100		0	H YIELD (YH2)	1 100000	FAR INTEL CT (FSIN) 0
-5100	CCL	500		0	H YIELD (YH1)	1 100000	(NEAR INTEL CT (NSIN) 0
0	IN FIT ERR (CFTR1) NEAR	1		0.9	PHIT ( )	-0.1	ET INL NEAR (NNI
0	IN FIT ERR CFTR2) FAR	1			INOX2	50000	-1000
					-1500	1500	

REPEAT PASS

HALLIBURTON

5" = 100'

Log Variables DatabaseD:\Warrior\_data\prosper farms 4-65 2-1 4ah.db  
Dataset field/well/run1/MAIN FINAL/\_vars\_

Top - Bottom

BHSAL1	BHSAL2	BHTEMP_Src	BITSIZE	BORSAL	BOTTEMP	CASED?	CASEOD
1	0	ITEMPX	in 8.5	kppm 150	degF 180	Yes	in 5.5
CASETHCK	CASEWGHT	LTH	MSGGN	MudWgt	PERFS	POROS1	POROS2
in 0.415	lb/ft 23	Sandstone	1	lb/gal 8.5	0	1	0
RHOFC	SO	SRFTEMP	TDEPTH	UHSGC	USERFTT	ZREF	
0.25	in 0	degF 0	ft 7550	NONE	usec/ft 0	MRayl 17	

0.120	0	0	1000	NONE	0	0.00
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Database File		prosper farms 4-65 2-1 4ah.db		Calibration Report	
Dataset Pathname		MAIN			
Dataset Creation		Fri Oct 20 10:38:55 2017			
Reservoir Monitor Tool I Calibration Report					
Serial-Model:		12376244-A			
Shop Calibration Performed:		Wed Oct 11 15:18:41 2017			

Carbon/Oxygen Mode					
Stabilization					
Result	Logged	Expected Value	Diff.	Tol.	Units
GENV	88.00	80.00	8.00	+/-15.00	V
ITCR2	3066	3250	-184	+/-250	cps
Near Detector					
	Channel	Expected Value	Amplitude	FWHM	Tol.
H	60	60 +/-2	0.0293	5.32	<6.00
Fe	206	206 +/-2	0.0997	-----	-----
NGAIN = 0.995		NZOFF = 0.7			
Far Detector					
	Channel	Expected Value	Amplitude	FWHM	Tol.
H	60	60 +/-2	0.0335	6.25	<6.50
Fe	210	208 +/-2	0.0889	-----	-----
FGAIN = 0.990		FZOFF = 0.4			
Flask Temperature	48.9 degF				
Result	Logged	Expected Value	Diff.	Tol.	Units
COIR2	0.44	0.45	-0.01	+/-0.02	
LIRI2	1.37	1.36	0.01	+/-0.05	
TCCR2	4854	4000	854	+/-1000	cps
ITCR2	3010	3200	-190	+/-250	cps

Sigma Mode					
Stabilization					
Result	Logged	Expected Value	Diff.	Tol.	Units
GENV	91.00	80.00	11.00	+/-15.00	V
FCAP	10171	10000	171	+/-500	cps
Horizontal Water Tank					
Result	Logged	Expected Value	Diff.	Tol.	Units
N/F Normalizer	0.97	0.95	0.02		
N/F Inel Norm	0.62	0.61	0.01		
RNF	1.03	1.07	-0.04	+/-0.12	
RINC	1.60	1.64	-0.04	+/-0.18	
SGFN	24.10	24.00	0.10	+/-0.50	cu
SGFF	22.97	22.85	0.12	+/-0.50	cu
FSIN	24153	24000	153	+/-2000	cps
FCAP	10223	10000	223	+/-1000	cps
NFTR	0.82			<5.00	
FFTR	0.92			<5.00	
NBKG	221			<500	cps
FBKG	101			<500	cps





RmtTFGT		8.47		RMTI-A (12376244) Halliburton RMTI Tool	14.00	2.13	77.00				
RmtTNGT		7.97									
RmtFP5V		0.22		BUL-006 (000002) Bullnose Terminator	0.22	1.69	1.20				
RmtNFwvMcsPr		0.22									
RmtCommFWar		0.22									
LLMTEN		0.00									
Dataset:			prosper farms 4-65 2-1 4ah.db: field/well/run1/MAIN1								
Total length:			24.95 ft								
Total weight:			186.20 lb								
O.D.:			2.13 in								

Company	CONOCO PHILLIPS		
Well	PROSPER FARMS 4-65 2-1 4AH		
Field	WILDCAT		
County	ARAPAHOE	State	CO
HALLIBURTON		RESORVOIR MONITORING TOOL - ELITE	