



PULSED NEUTRON DECAY

"Quick Look"

COMPANY URSA OPERATING
WELL BAT 33A-24-07-96
FIELD BATTLEMENT MESA
CNTY GARFIELD STATE CO

COMPANY	URSA OPERATING COMPANY
WELL	BAT 33A-24-07-96
FIELD	BATTLEMENT MESA
COUNTY	GARFIELD
LOCATION:	

STATE	COLORADO
OTHER SERVICE	

OTHER SERVICES:

SEC.24	TWP.7	RGE96
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PERM. DATUM GROUND LEVEL	ELEV. 5160'
LOG MEASURED FROM K.B. 15.5 FT. ABOVE PERMANENT DATUM	
DRILLING MEASURED FROM K.B.	

G.L. 5160

DATE	25-FEB-2014
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RUN NO. ONE

DEPTH DRILLER	6022'
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DEPTH	LOGGER	6022'
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BTM. LOG INTERVAL	6012'
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TOP LOG INTERVAL	2900'
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OPEN HOLE SIZE	8.75"
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TYPE FLUID	WATER
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DENS.	VISC.	8.3	0.00
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MAX. REC. TEMP., °F	192 DEG. F.
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EST. CEMENT TOP	N/A
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TIME WELL READY	R.O.A.
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TIME LOGGER ON BTM.	SEE LOG
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EQUIP. NO.	14068
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LOCATION	GRD. JUNCTION
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RECORDED BY	P. EDWARDS
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WITNESSED BY	J. GRTEGER
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DATE	DESCRIPTION	AMOUNT	BALANCE
1/1/20	BOHEMIA RECORD	100.00	100.00
2/1/20	BOHEMIA RECORD	100.00	200.00
3/1/20	BOHEMIA RECORD	100.00	300.00
4/1/20	BOHEMIA RECORD	100.00	400.00
5/1/20	BOHEMIA RECORD	100.00	500.00
6/1/20	BOHEMIA RECORD	100.00	600.00
7/1/20	BOHEMIA RECORD	100.00	700.00
8/1/20	BOHEMIA RECORD	100.00	800.00
9/1/20	BOHEMIA RECORD	100.00	900.00
10/1/20	BOHEMIA RECORD	100.00	1000.00
11/1/20	BOHEMIA RECORD	100.00	1100.00
12/1/20	BOHEMIA RECORD	100.00	1200.00
1/1/21	BOHEMIA RECORD	100.00	1300.00
2/1/21	BOHEMIA RECORD	100.00	1400.00
3/1/21	BOHEMIA RECORD	100.00	1500.00
4/1/21	BOHEMIA RECORD	100.00	1600.00
5/1/21	BOHEMIA RECORD	100.00	1700.00
6/1/21	BOHEMIA RECORD	100.00	1800.00
7/1/21	BOHEMIA RECORD	100.00	1900.00
8/1/21	BOHEMIA RECORD	100.00	2000.00
9/1/21	BOHEMIA RECORD	100.00	2100.00
10/1/21	BOHEMIA RECORD	100.00	2200.00
11/1/21	BOHEMIA RECORD	100.00	2300.00
12/1/21	BOHEMIA RECORD	100.00	2400.00
1/1/22	BOHEMIA RECORD	100.00	2500.00
2/1/22	BOHEMIA RECORD	100.00	2600.00
3/1/22	BOHEMIA RECORD	100.00	2700.00
4/1/22	BOHEMIA RECORD	100.00	2800.00
5/1/22	BOHEMIA RECORD	100.00	2900.00
6/1/22	BOHEMIA RECORD	100.00	3000.00
7/1/22	BOHEMIA RECORD	100.00	3100.00
8/1/22	BOHEMIA RECORD	100.00	3200.00
9/1/22	BOHEMIA RECORD	100.00	3300.00
10/1/22	BOHEMIA RECORD	100.00	3400.00
11/1/22	BOHEMIA RECORD	100.00	3500.00
12/1/22	BOHEMIA RECORD	100.00	3600.00
1/1/23	BOHEMIA RECORD	100.00	3700.00
2/1/23	BOHEMIA RECORD	100.00	3800.00
3/1/23	BOHEMIA RECORD	100.00	3900.00
4/1/23	BOHEMIA RECORD	100.00	4000.00
5/1/23	BOHEMIA RECORD	100.00	4100.00
6/1/23	BOHEMIA RECORD	100.00	4200.00
7/1/23	BOHEMIA RECORD	100.00	4300.00
8/1/23	BOHEMIA RECORD	100.00	4400.00
9/1/23	BOHEMIA RECORD	100.00	4500.00
10/1/23	BOHEMIA RECORD	100.00	4600.00
11/1/23	BOHEMIA RECORD	100.00	4700.00
12/1/23	BOHEMIA RECORD	100.00	4800.00
1/1/24	BOHEMIA RECORD	100.00	4900.00
2/1/24	BOHEMIA RECORD	100.00	5000.00
3/1/24	BOHEMIA RECORD	100.00	5100.00
4/1/24	BOHEMIA RECORD	100.00	5200.00
5/1/24	BOHEMIA RECORD	100.00	5300.00
6/1/24	BOHEMIA RECORD	100.00	5400.00
7/1/24	BOHEMIA RECORD	100.00	5500.00
8/1/24	BOHEMIA RECORD	100.00	5600.00
9/1/24	BOHEMIA RECORD	100.00	5700.00
10/1/24	BOHEMIA RECORD	100.00	5800.00
11/1/24	BOHEMIA RECORD	100.00	5900.00
12/1/24	BOHEMIA RECORD	100.00	6000.00
1/1/25	BOHEMIA RECORD	100.00	6100.00
2/1/25	BOHEMIA RECORD	100.00	6200.00
3/1/25	BOHEMIA RECORD	100.00	6300.00
4/1/25	BOHEMIA RECORD	100.00	6400.00
5/1/25	BOHEMIA RECORD	100.00	6500.00
6/1/25	BOHEMIA RECORD	100.00	6600.00
7/1/25	BOHEMIA RECORD	100.00	6700.00
8/1/25	BOHEMIA RECORD	100.00	6800.00
9/1/25	BOHEMIA RECORD	100.00	6900.00
10/1/25	BOHEMIA RECORD	100.00	7000.00
11/1/25	BOHEMIA RECORD	100.00	7100.00
12/1/25	BOHEMIA RECORD	100.00	7200.00
1/1/26	BOHEMIA RECORD	100.00	7300.00
2/1/26	BOHE		

DOCKETS	RECORD	TO	FROM	BIT	NO.	BIN

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
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[illegible][illegible]

CASTING RECORD	SIZE	WT/ET	GRADE

CASING RECORD	SIZE	MI/I	GRADE
SURFACE STOPING			

30K/ACE	31K/ING		
BPOT	STB/NG		

FKU1: SIKING		
BP0D STBINC	4 E"	11 6 P11A

TRND	4.3	11.0	11.0
PROD: SIKING			

LINEK			
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[illegible]

All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by anyone resulting from any interpretation or recommendation made by any of our employees or agents.

REMARKS	Rig: CRANE #15062	Service Order # 80209541
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LOG WAS CORRELATED TO WEATHERFORD SECTOR BOND LOG DATED 25-FEB-2014
ALL LOGGED INTERVALS PER CUSTOMER REQUEST

EQUIPMENT DATA

[illegible]

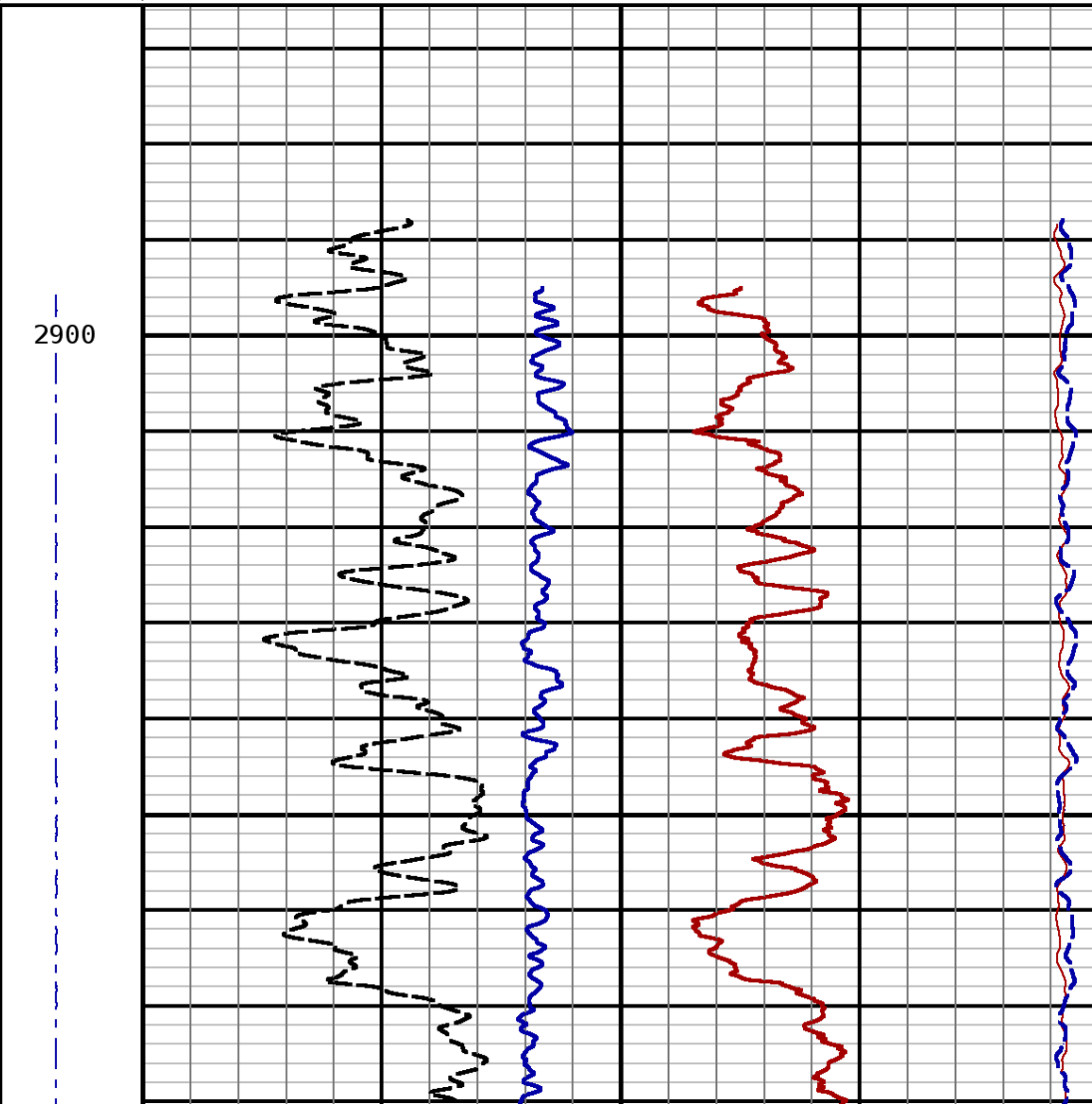
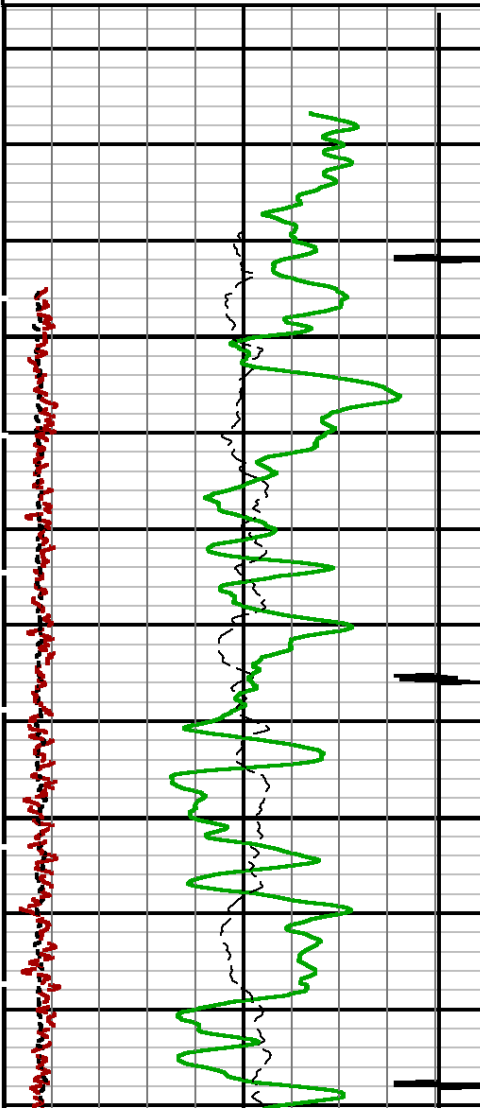
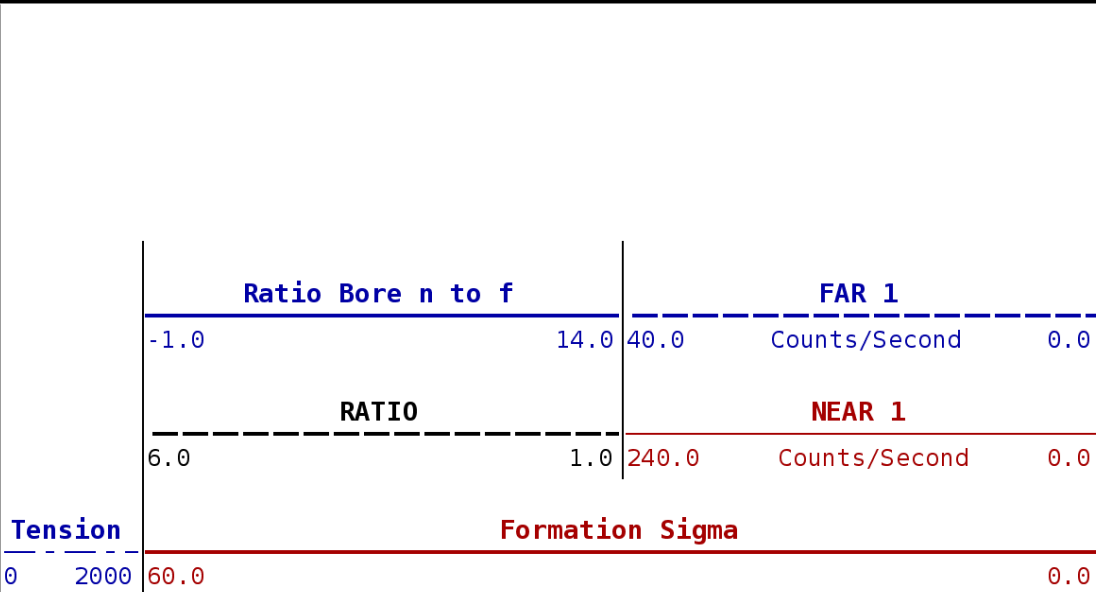
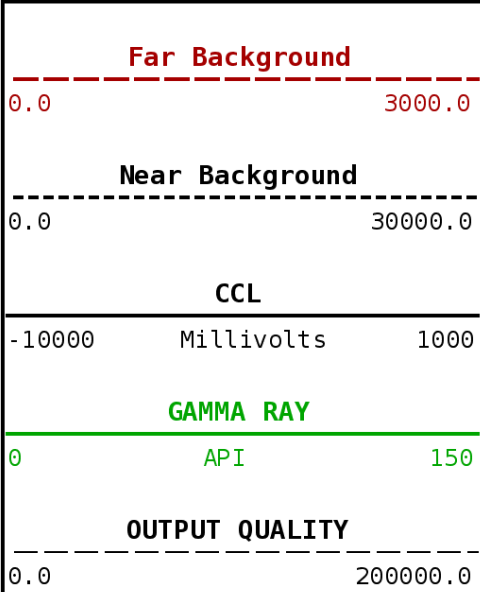
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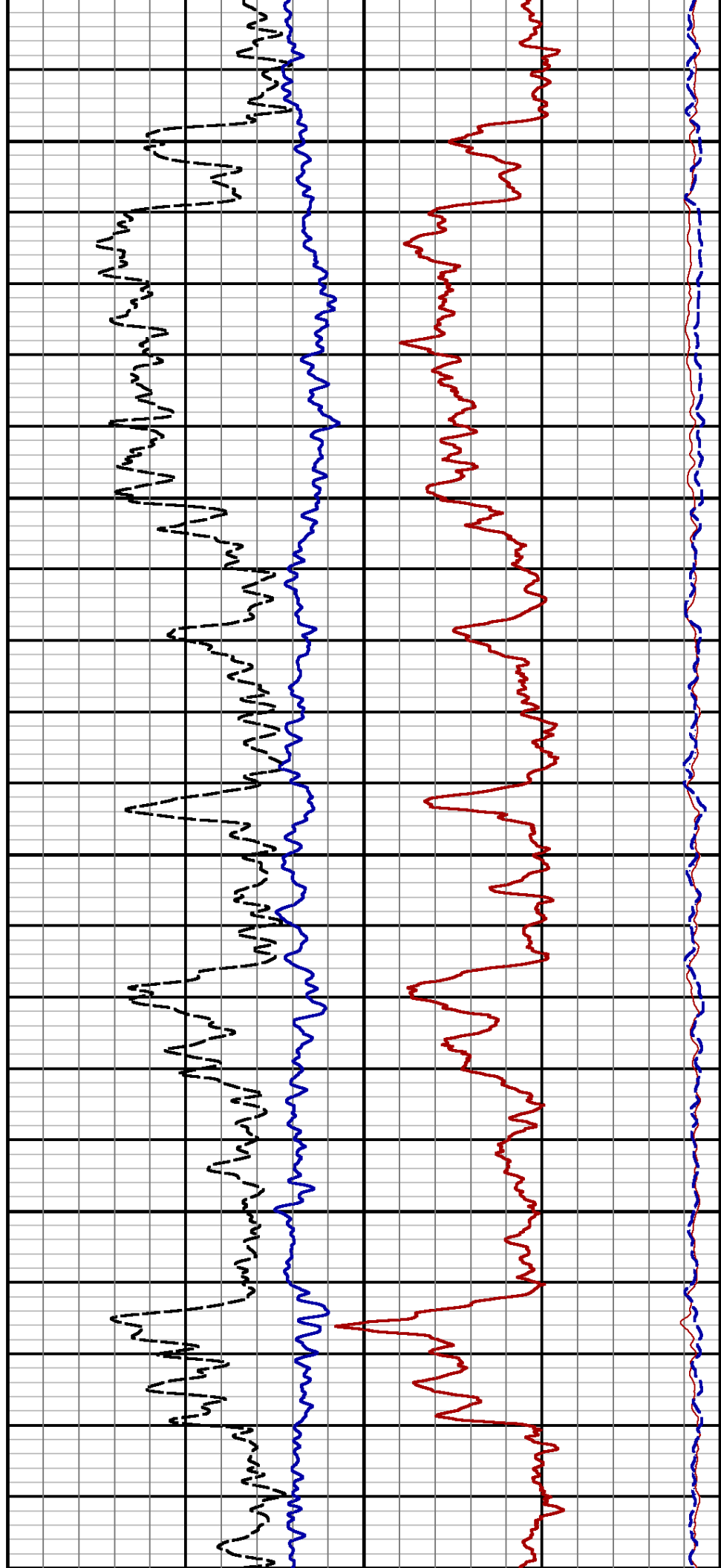
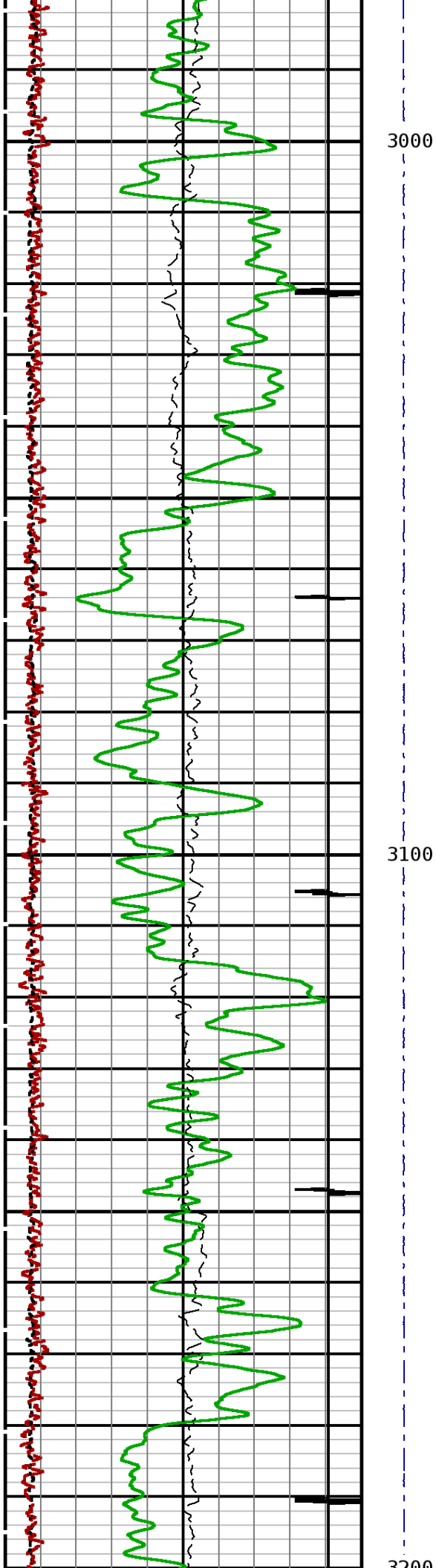
PROCESSED VERSION: 2012.07.18.162"

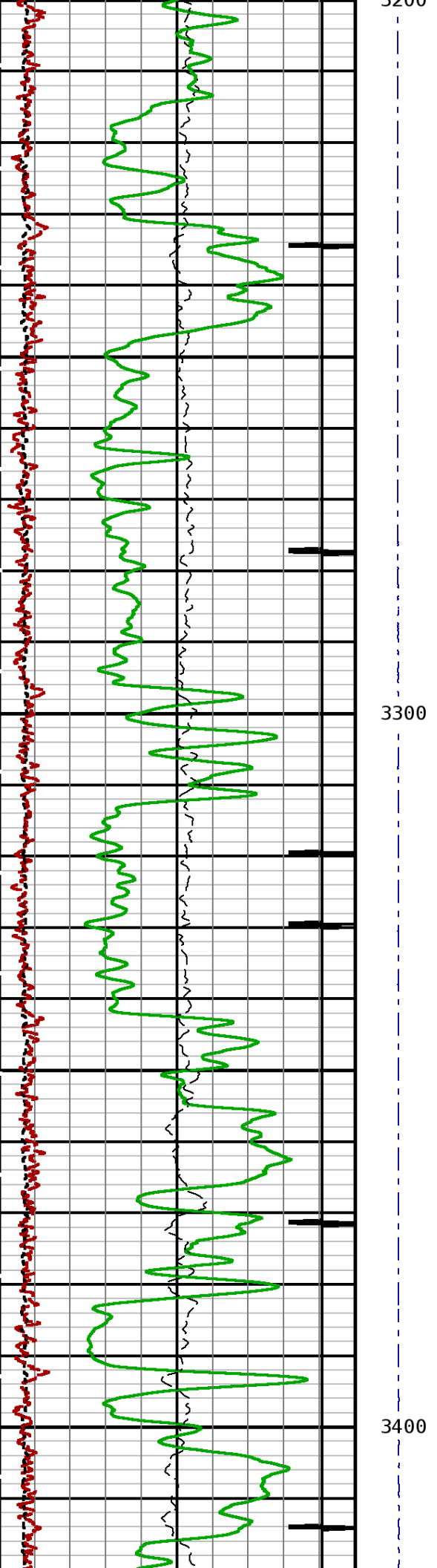
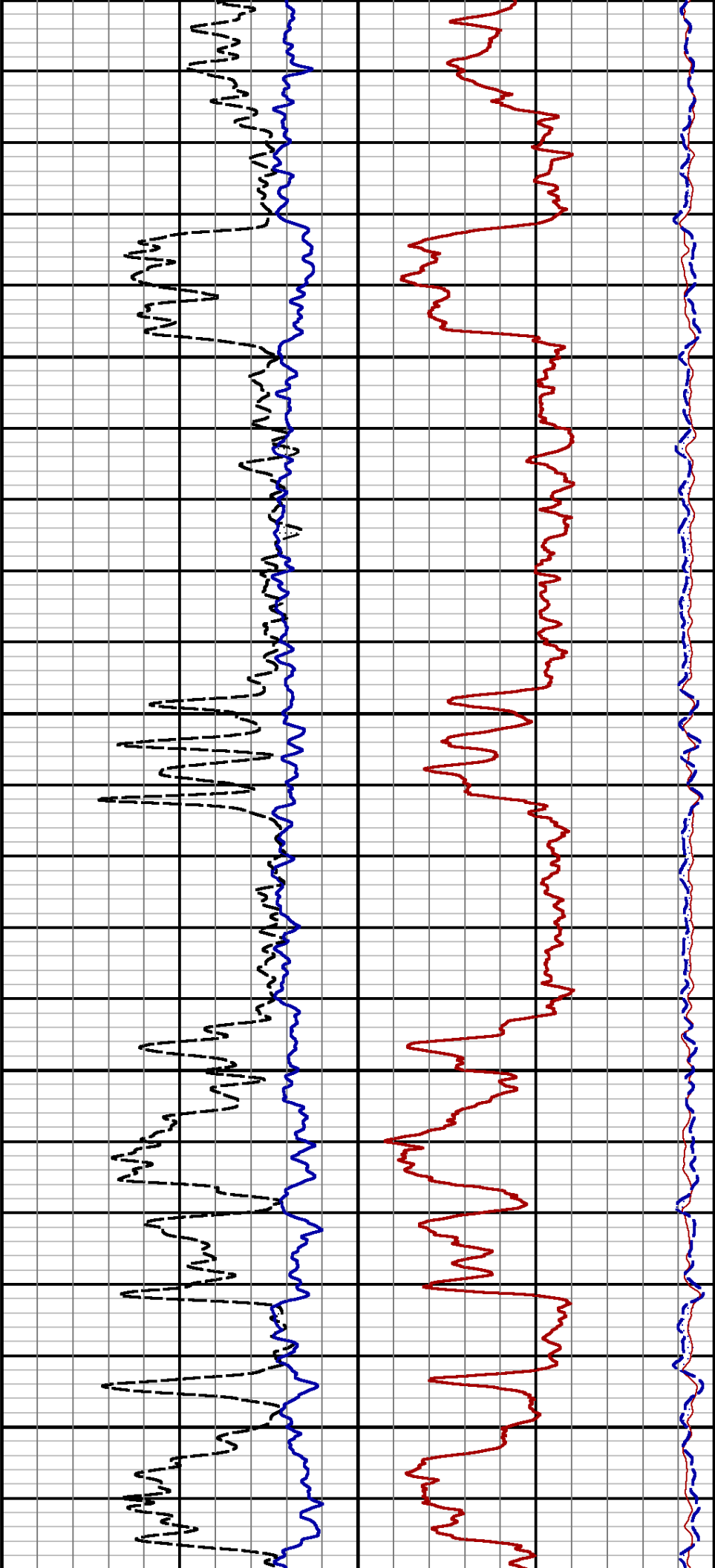
MAIN PASS

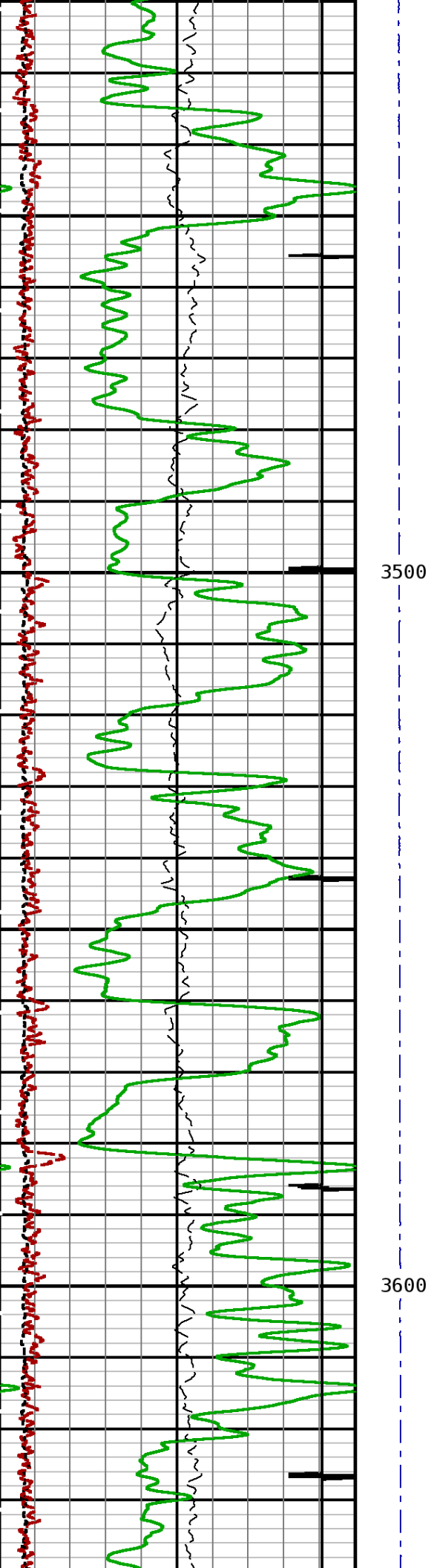
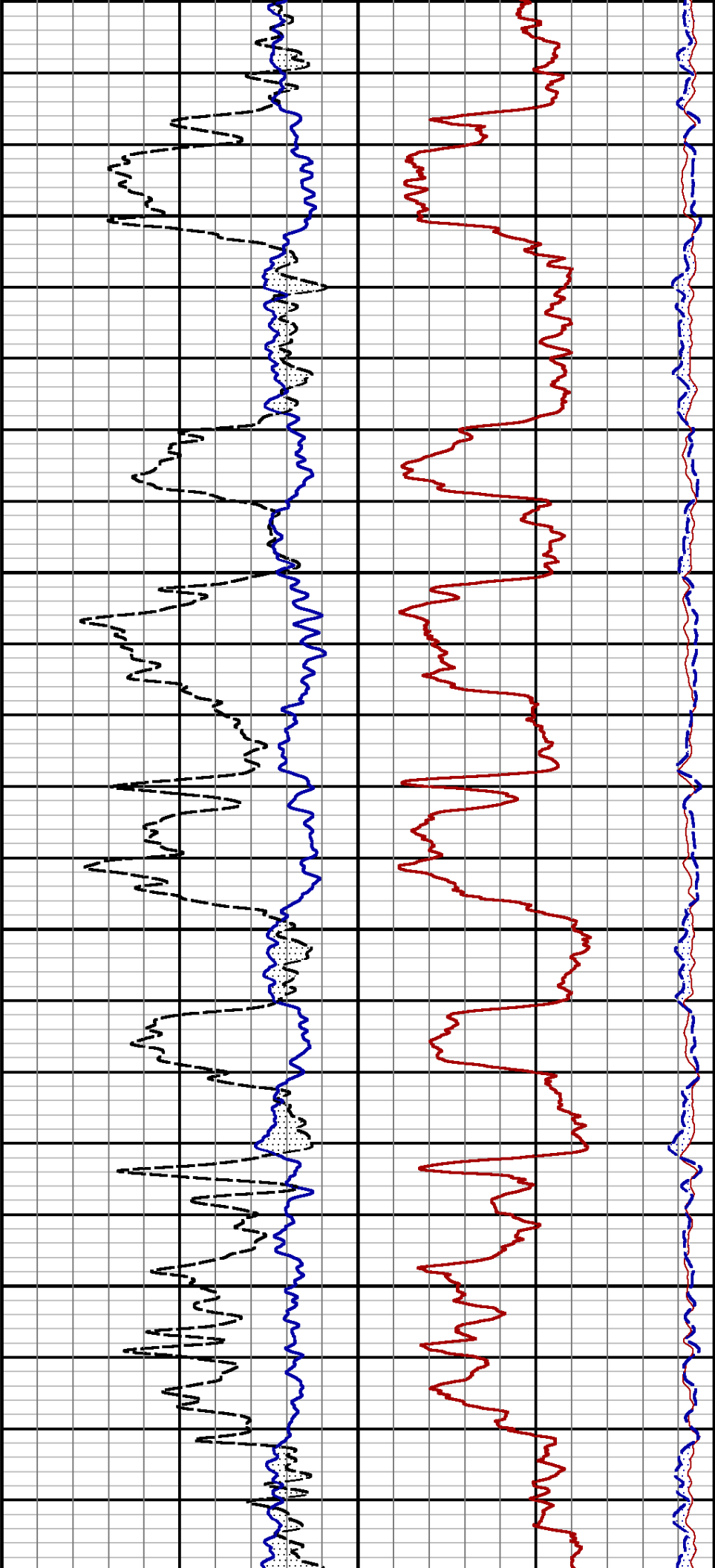
80209541 PNDMAINF

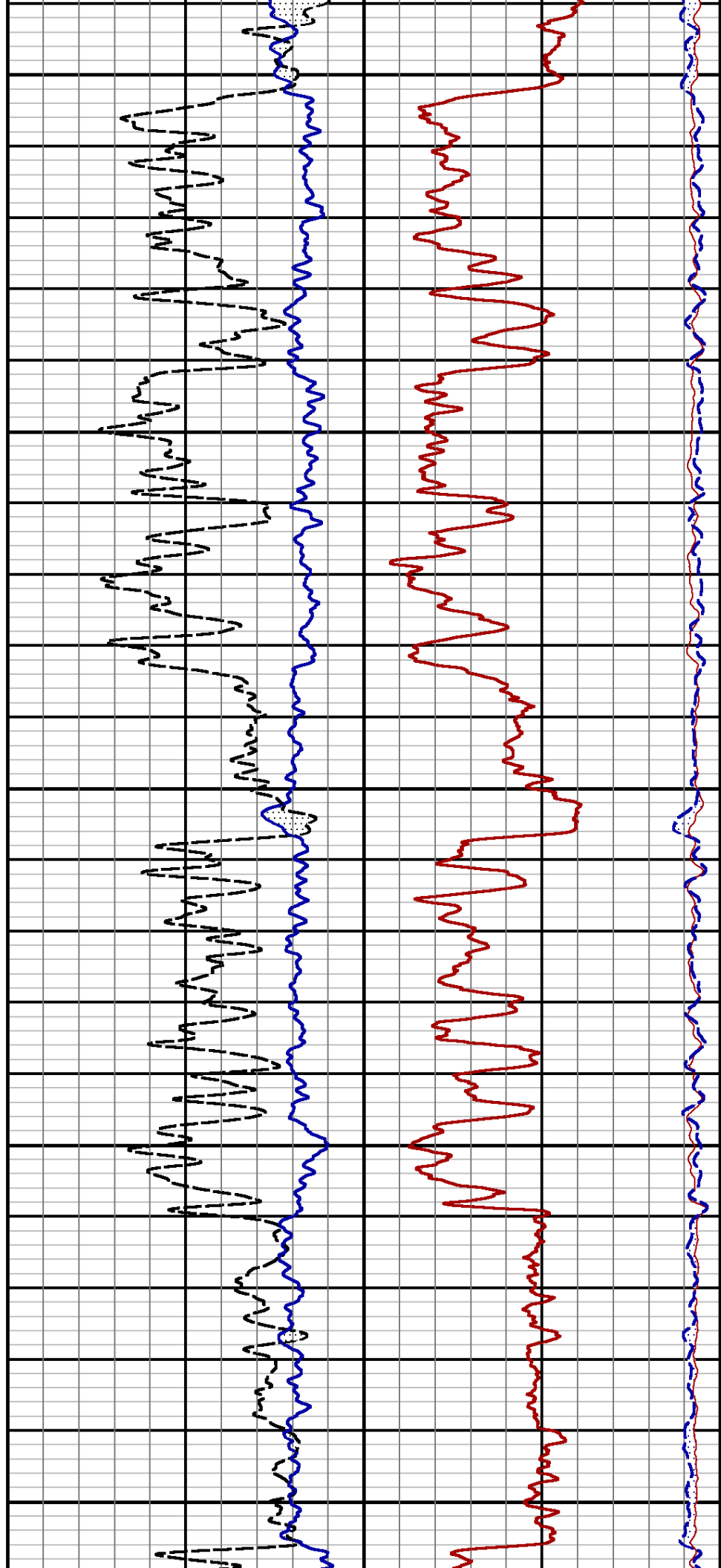
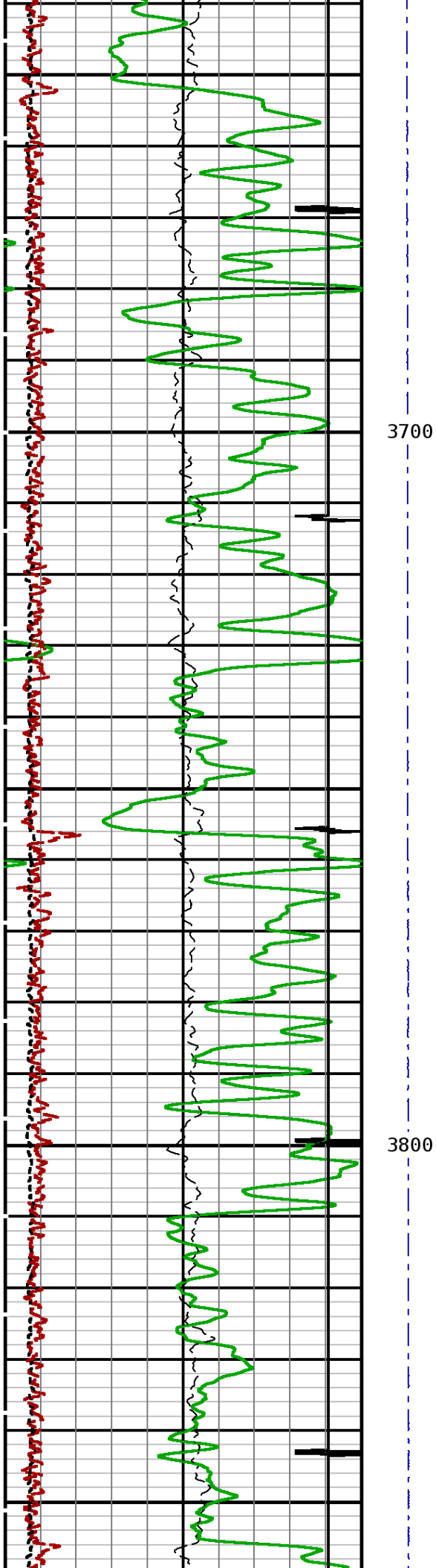
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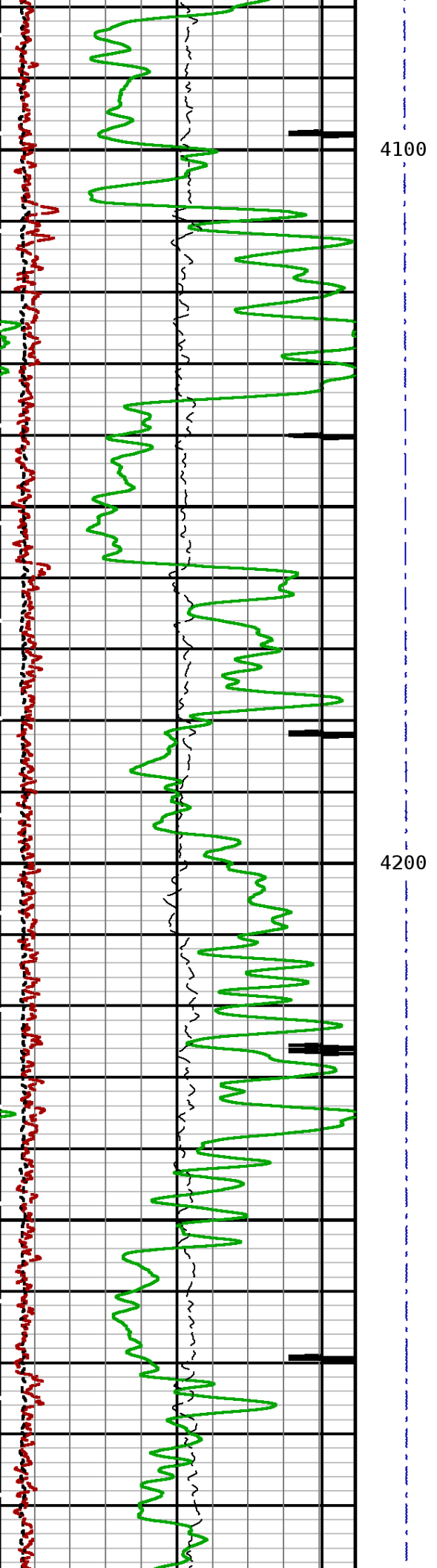
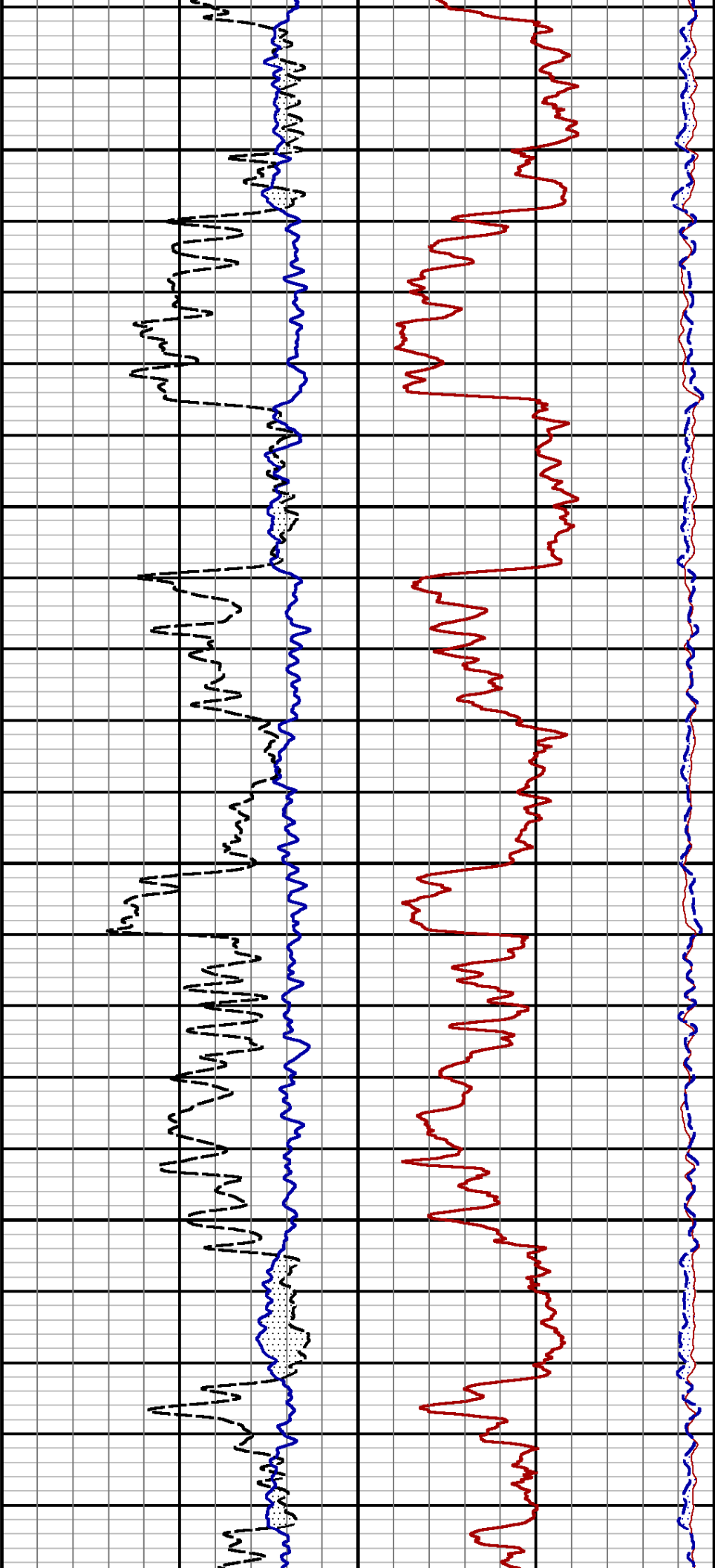


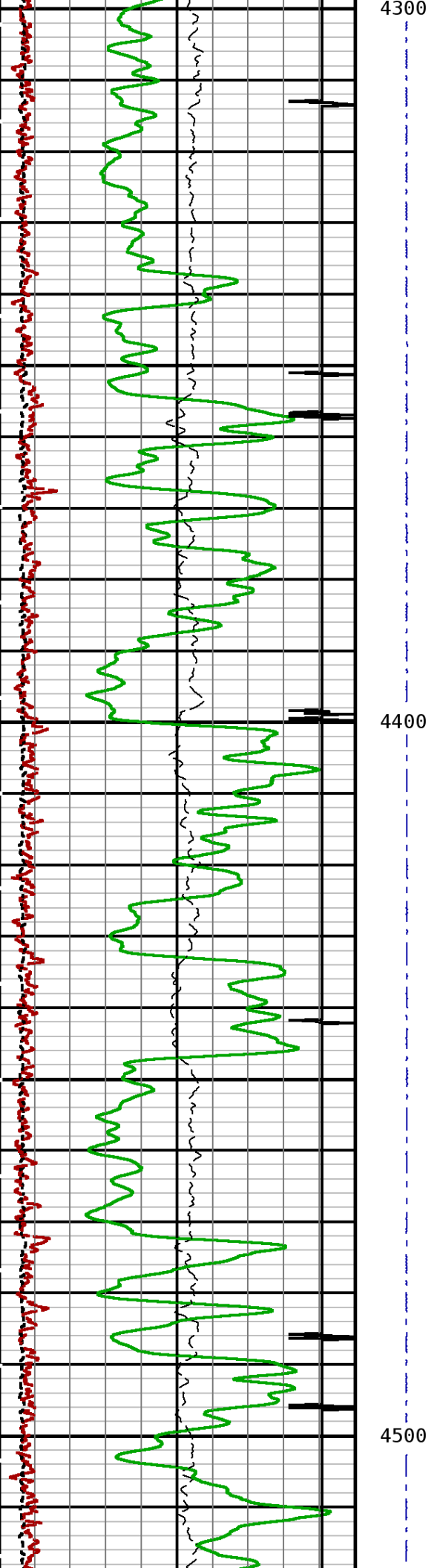
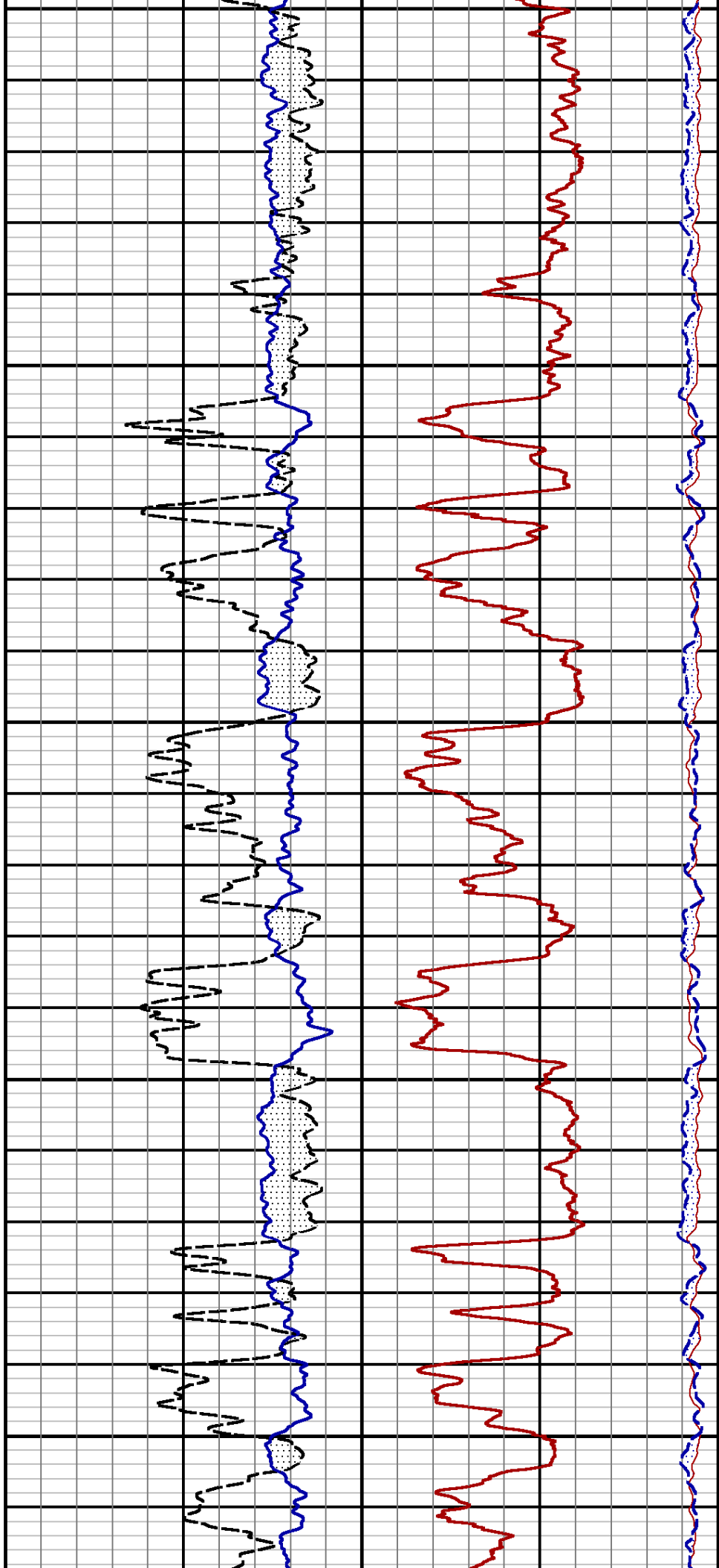


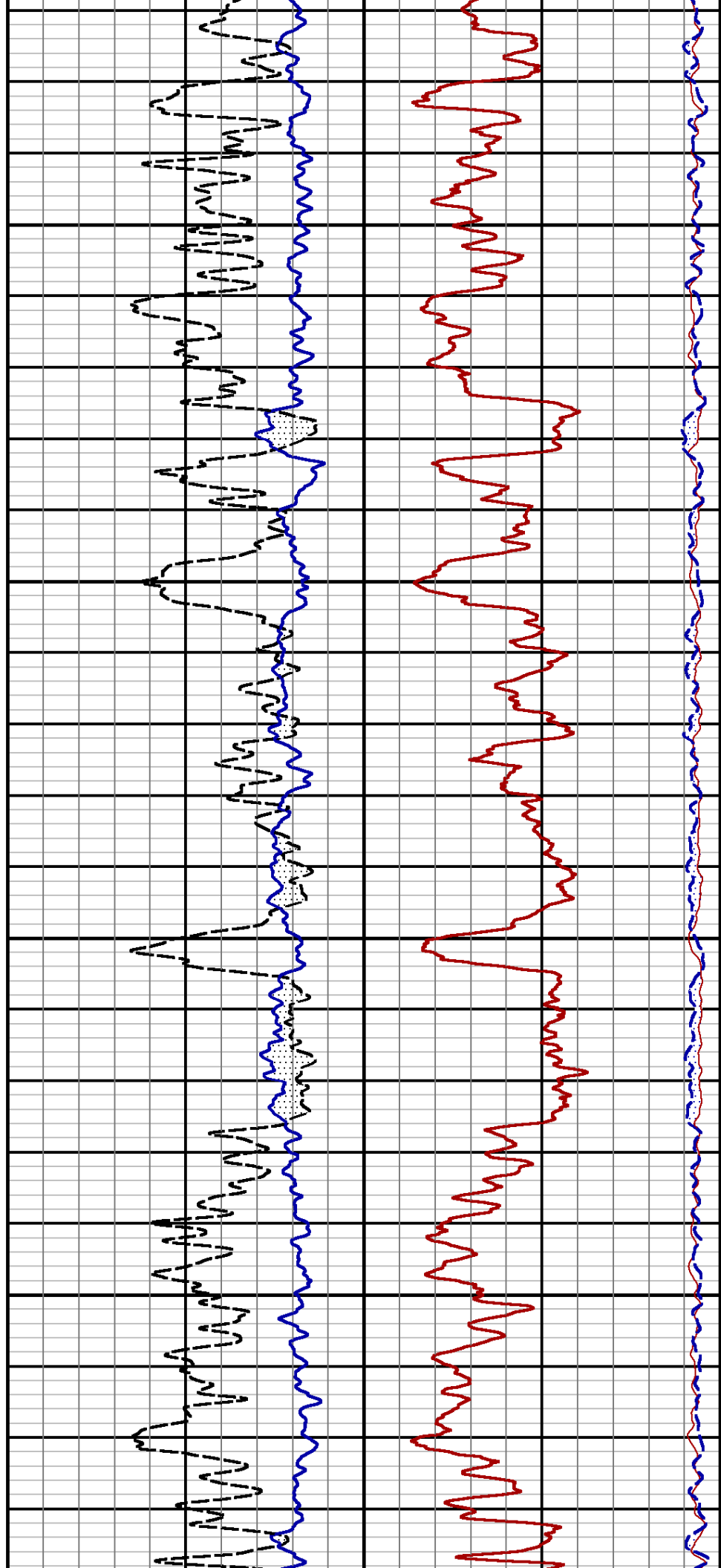
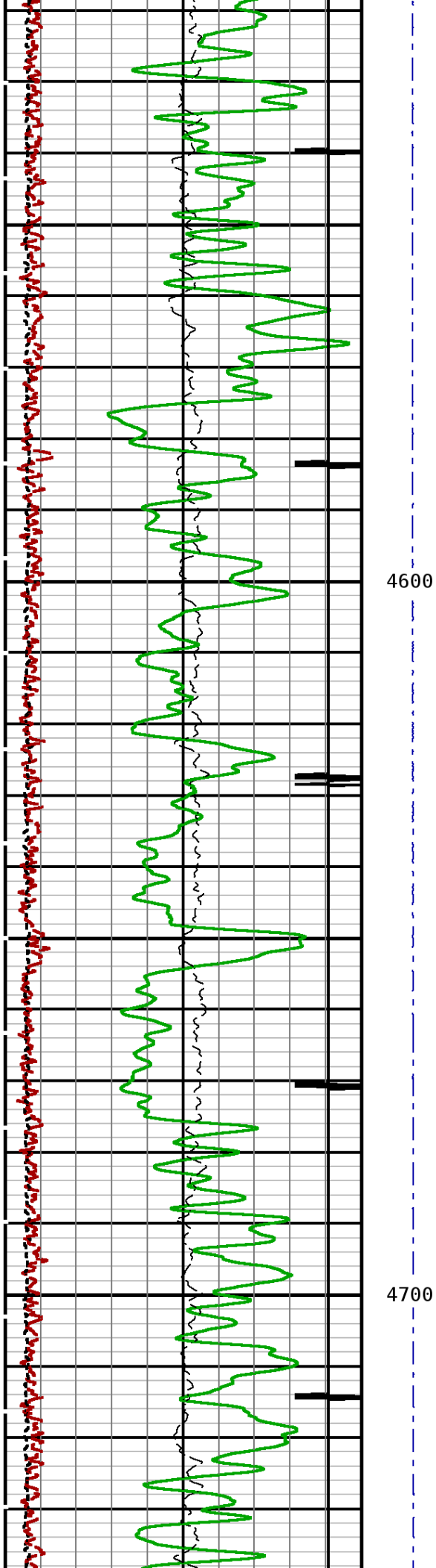


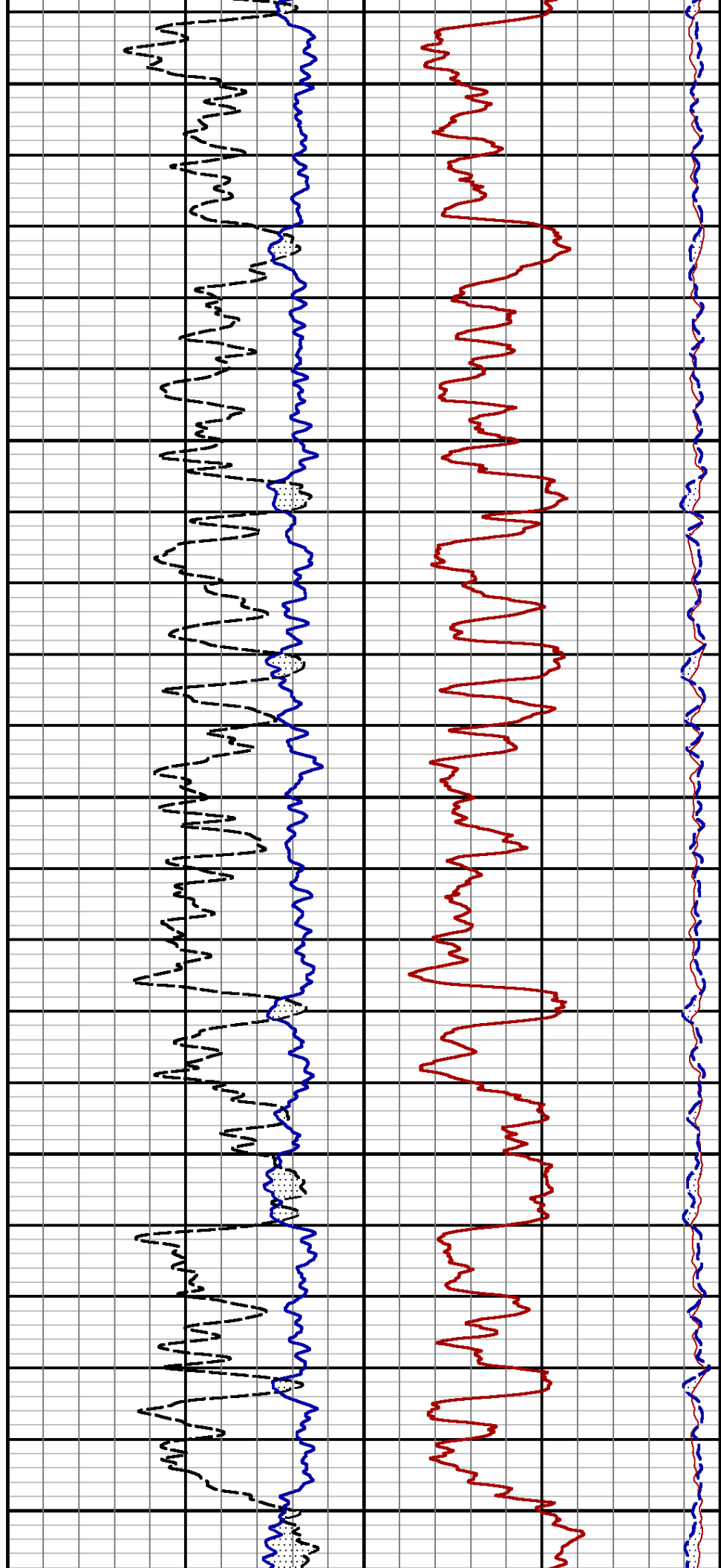
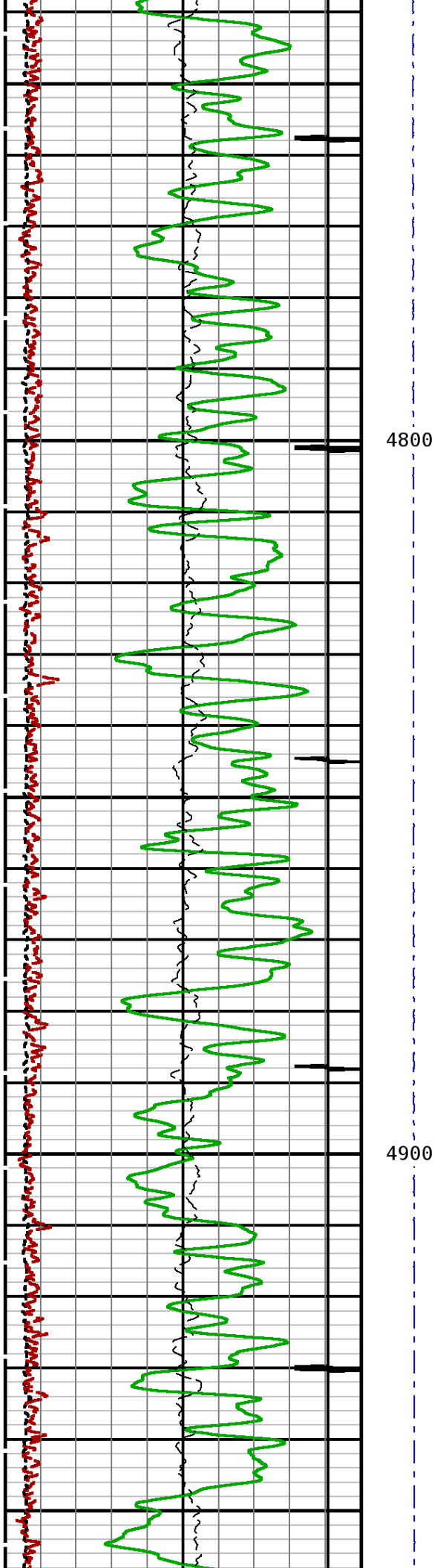


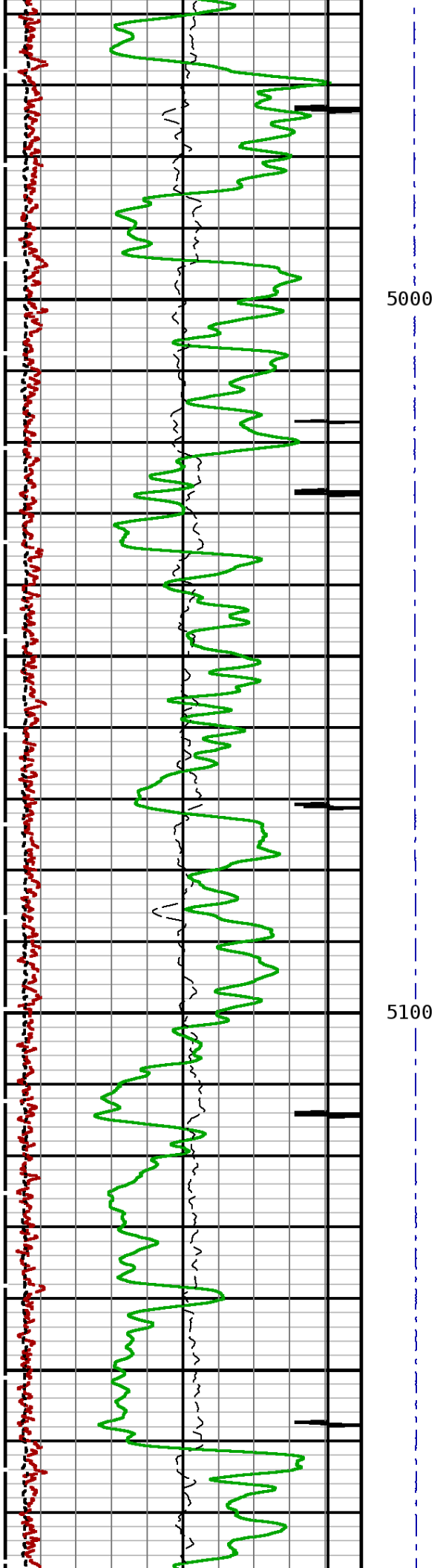
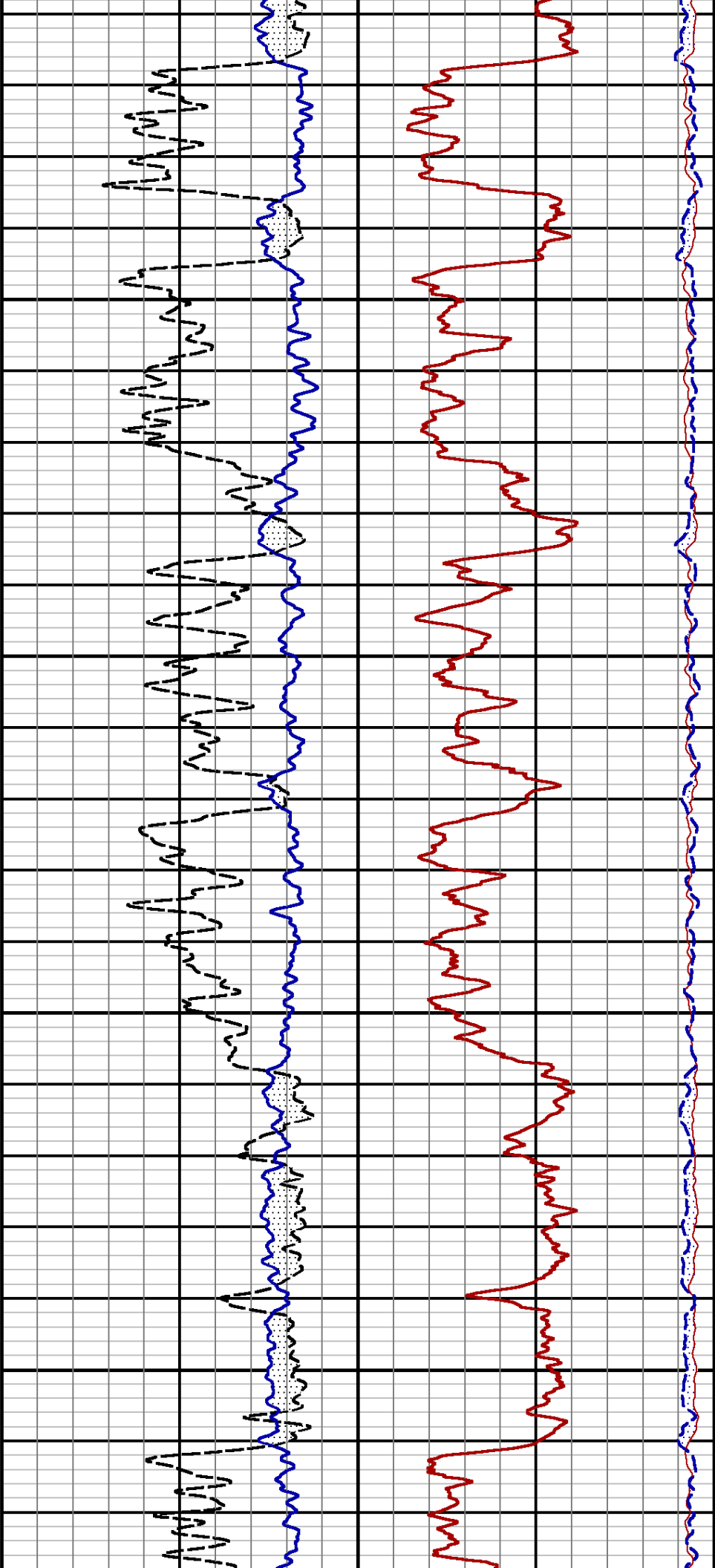


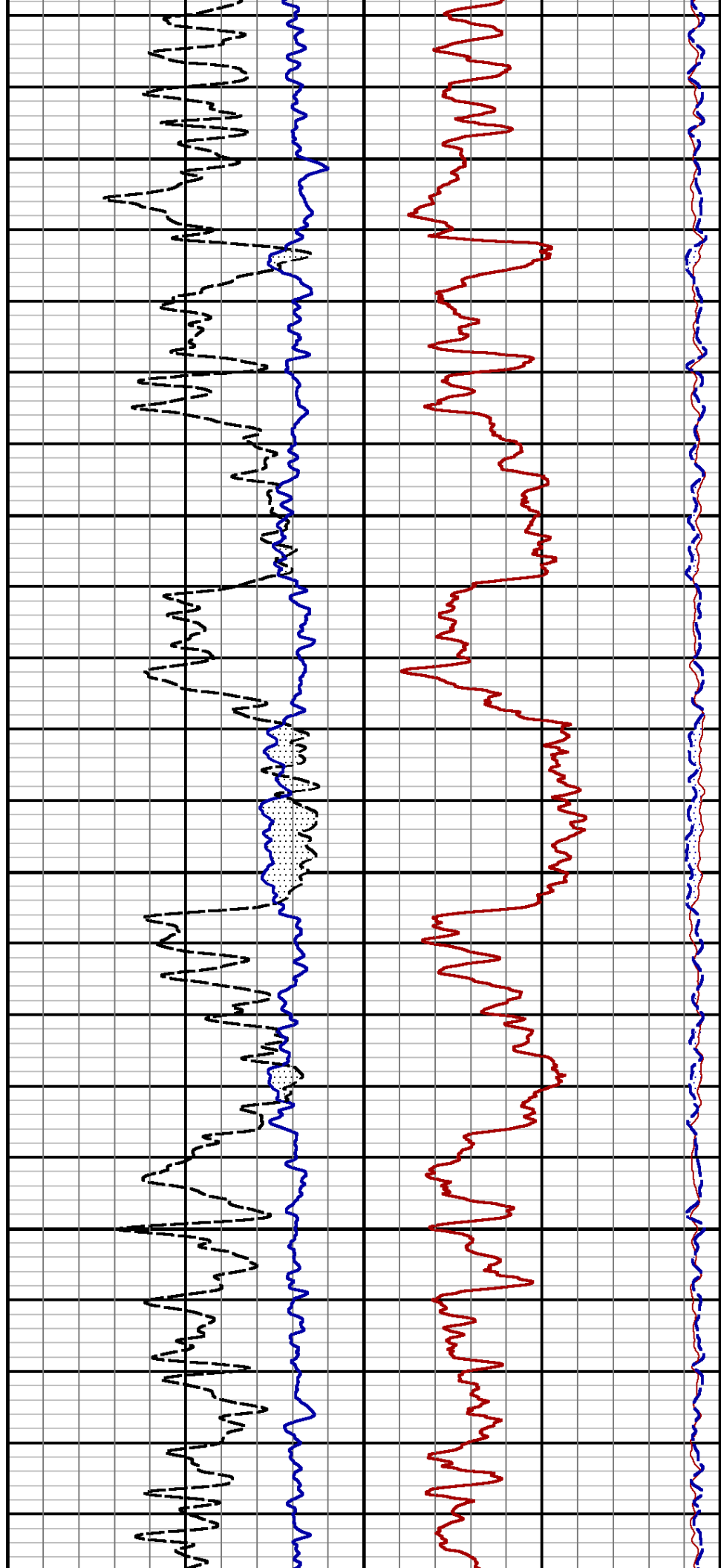
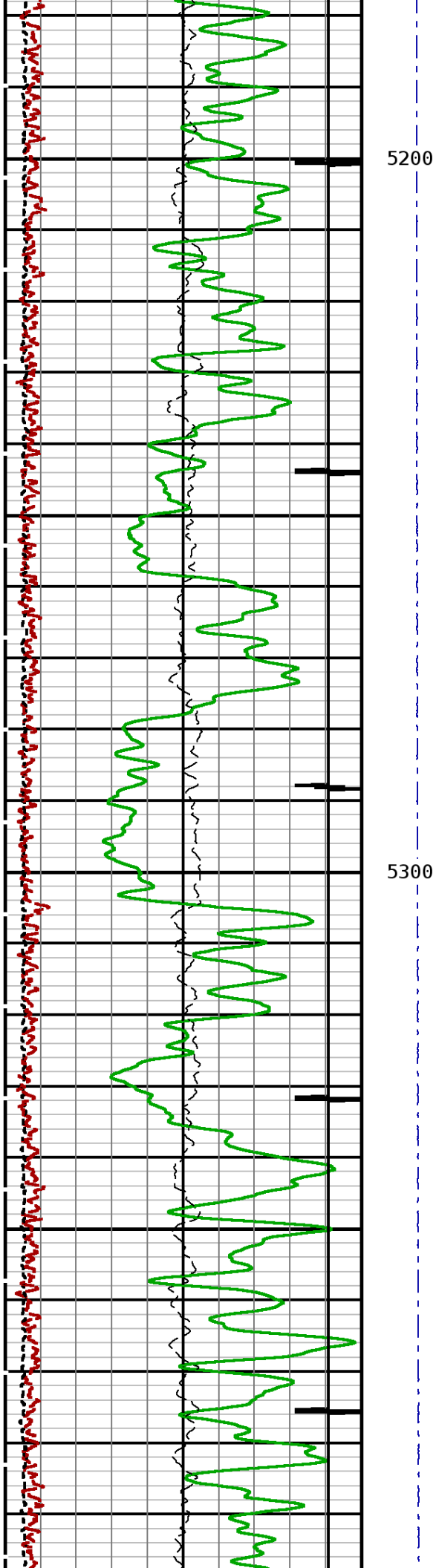


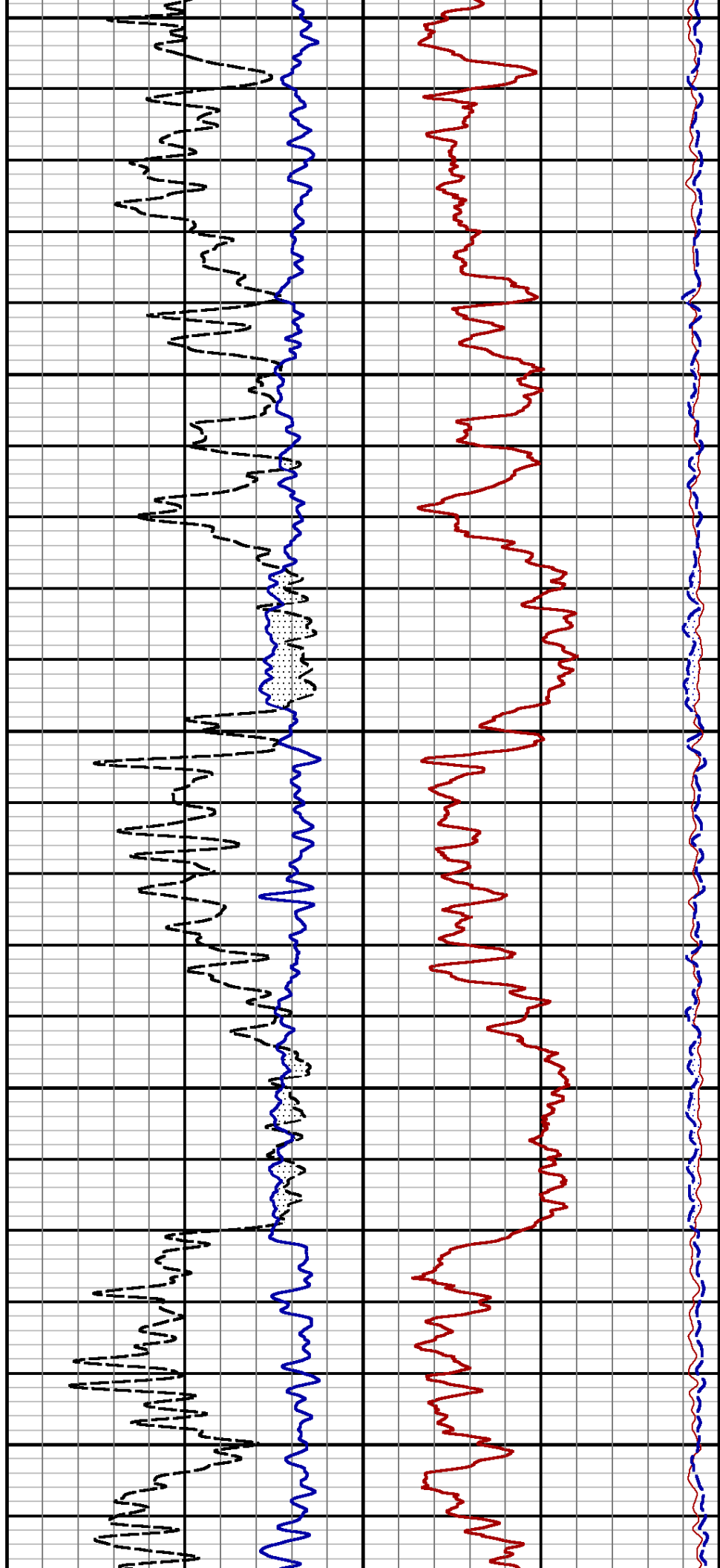
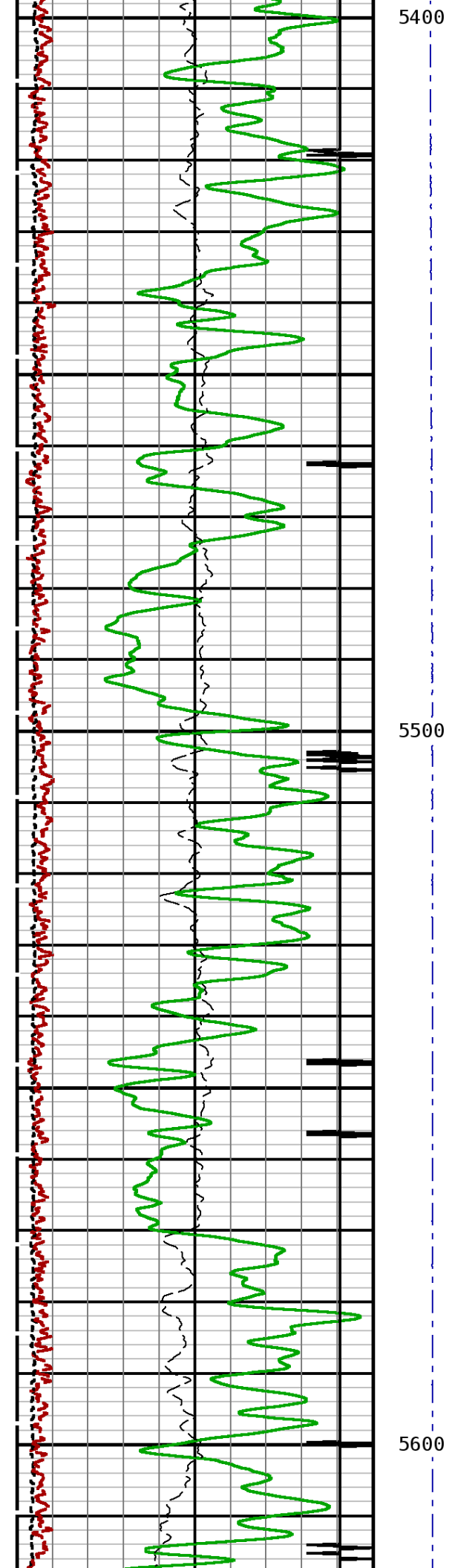


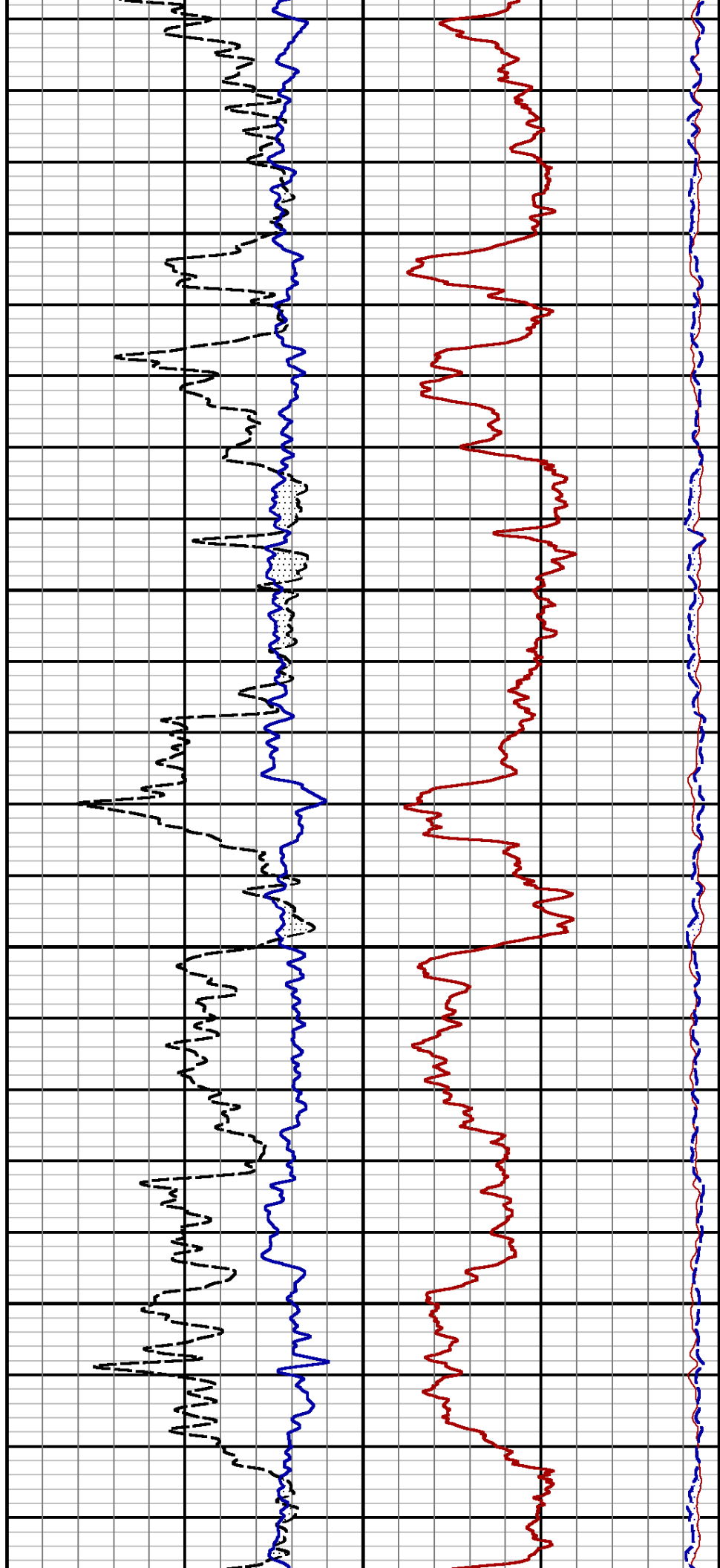
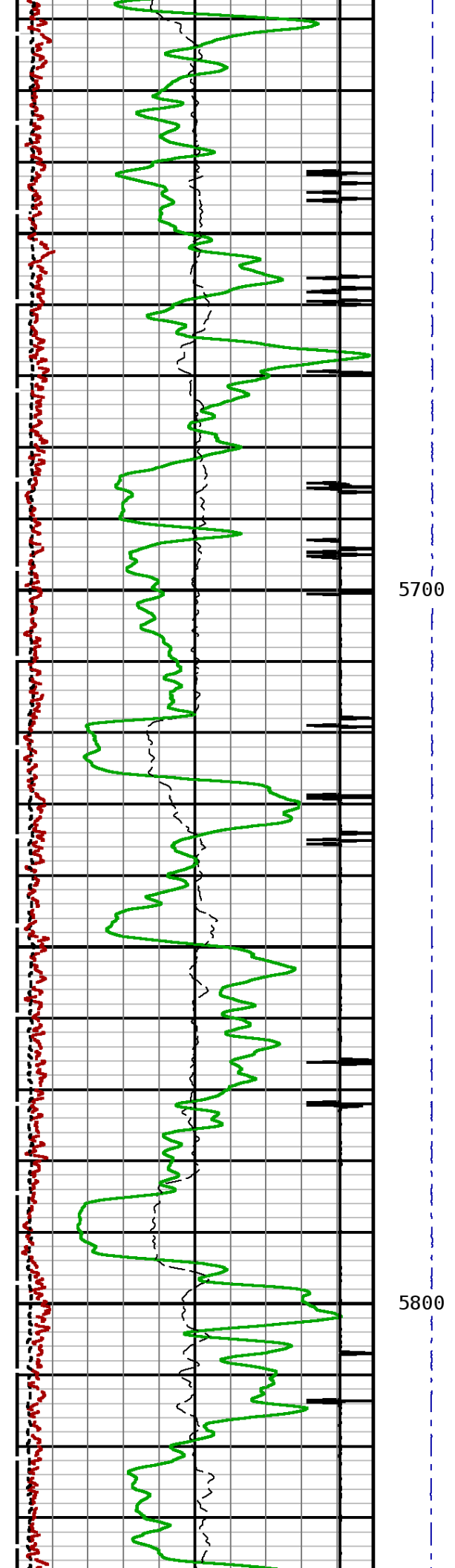


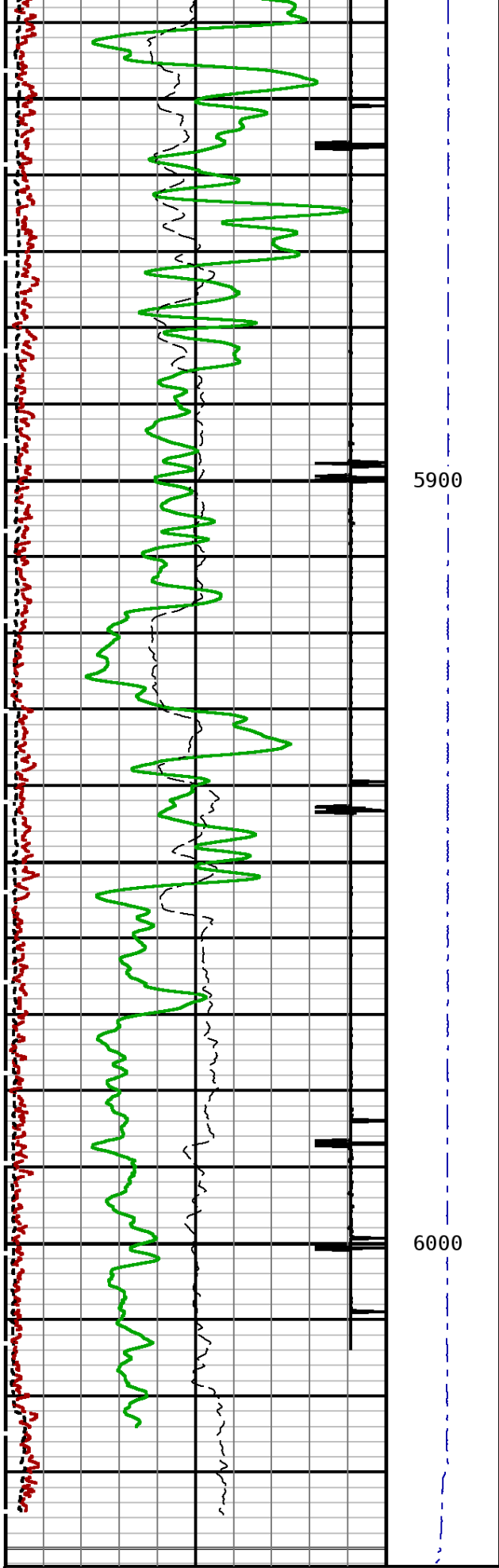




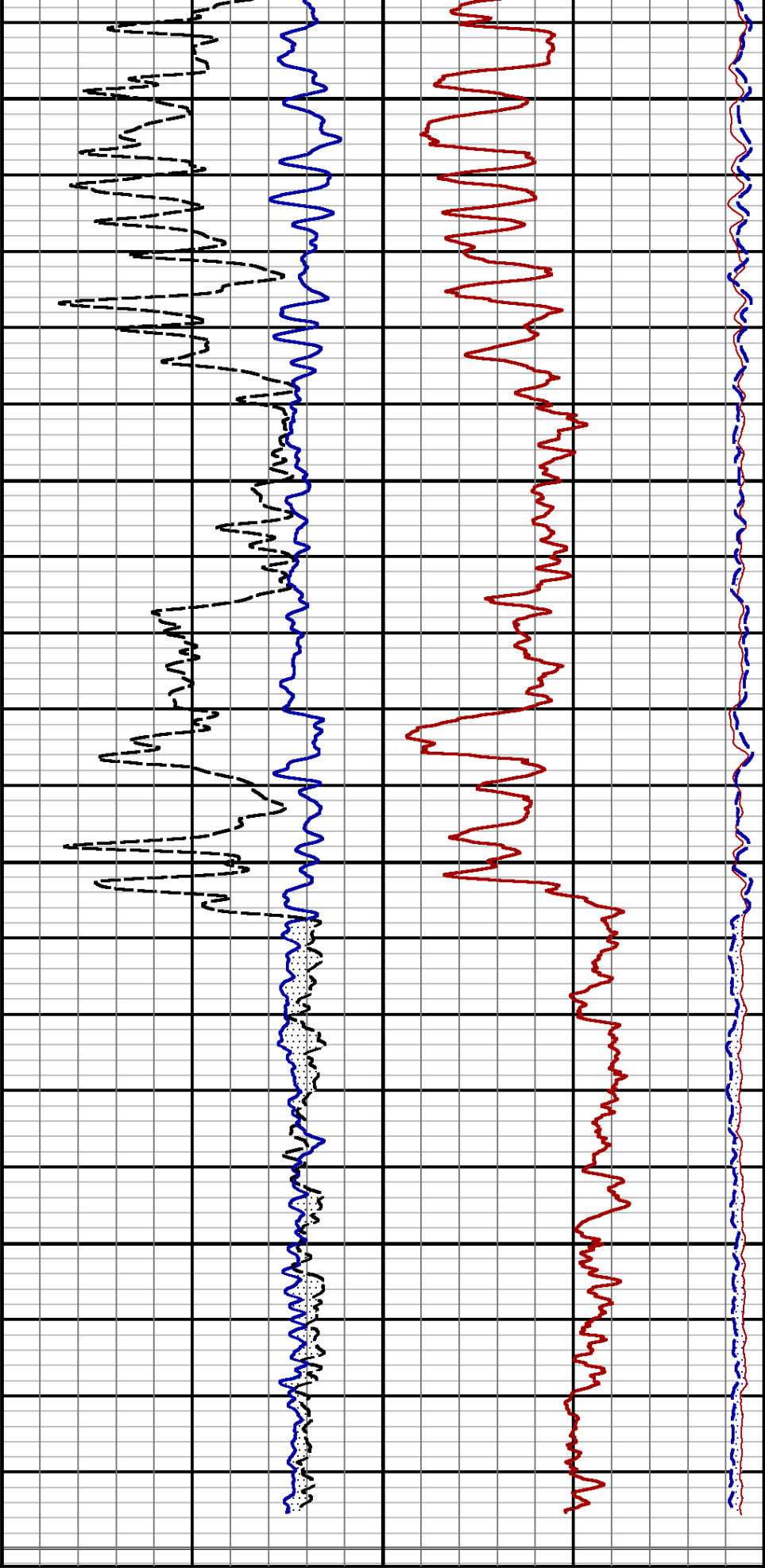








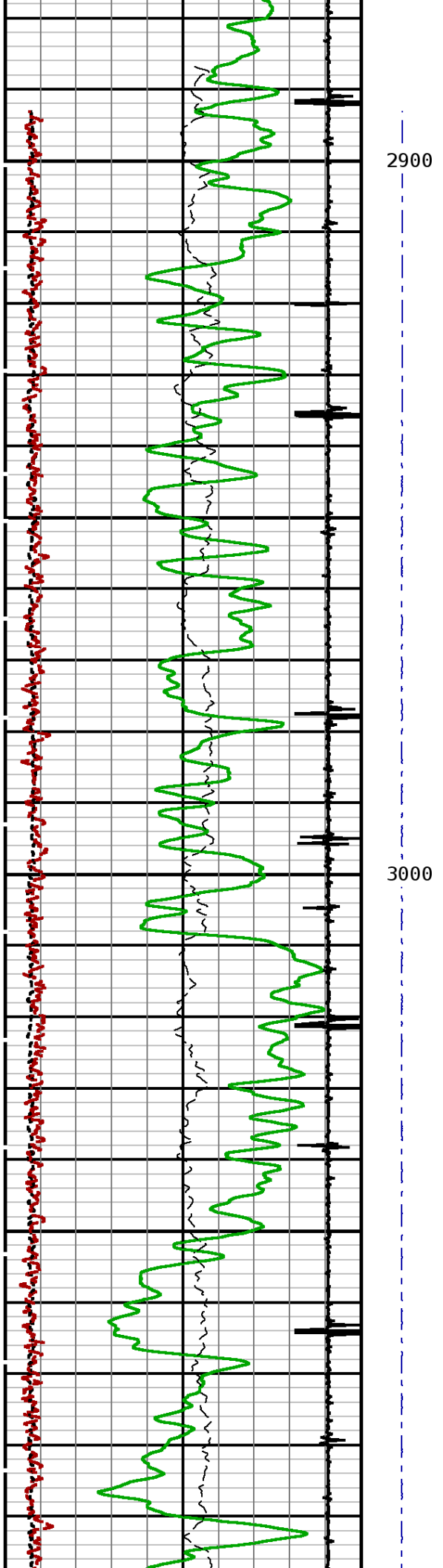
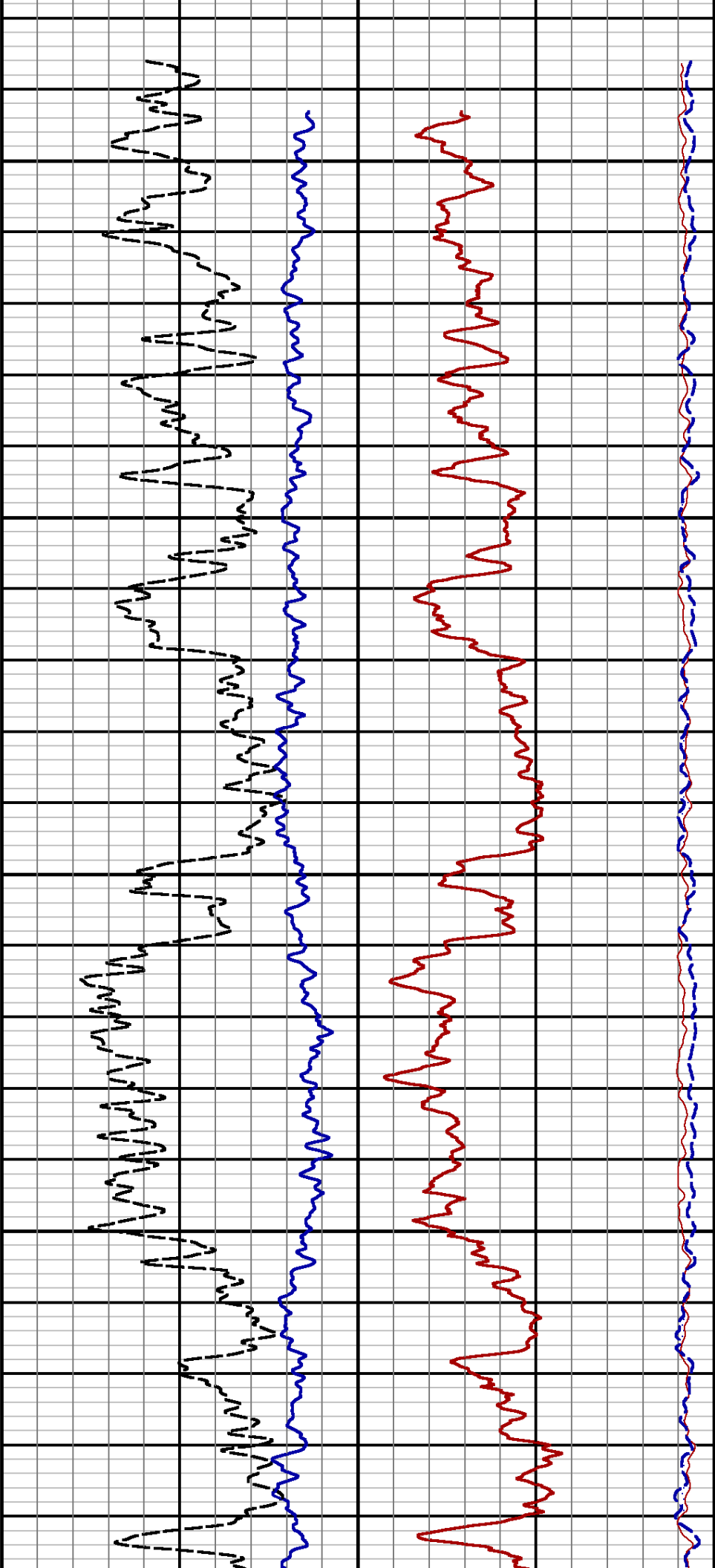
OUTPUT QUALITY
0.0 200000.0
Tension
0 2000

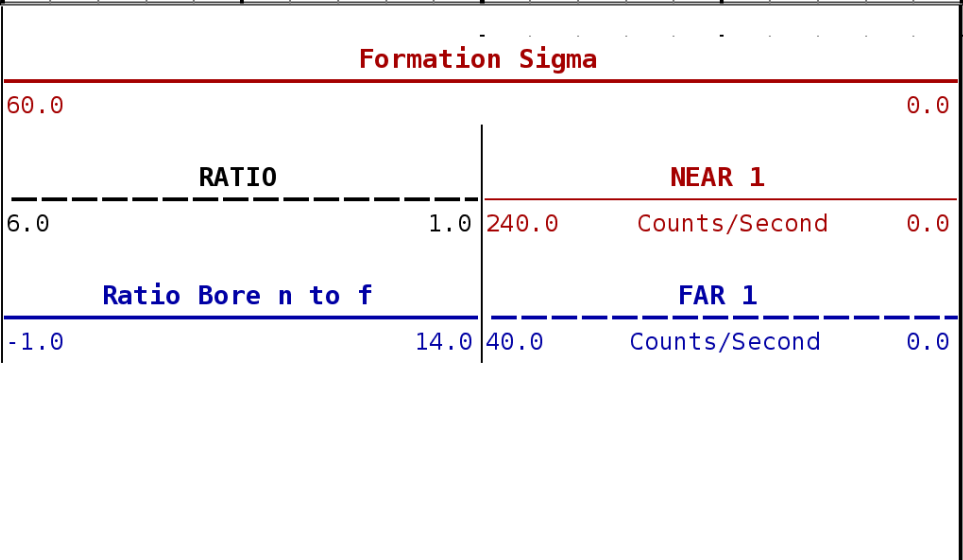
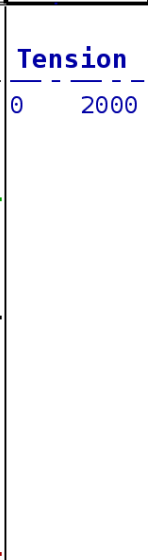
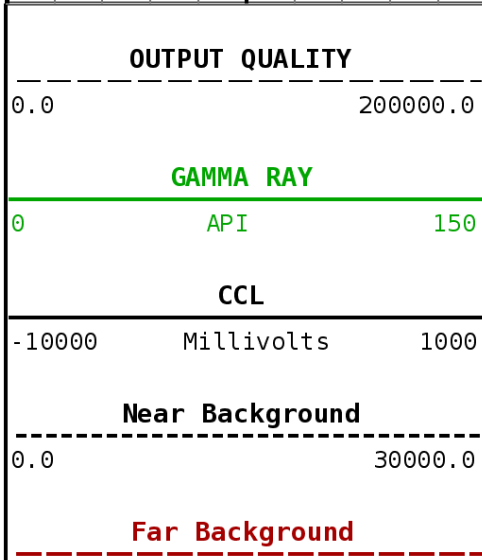
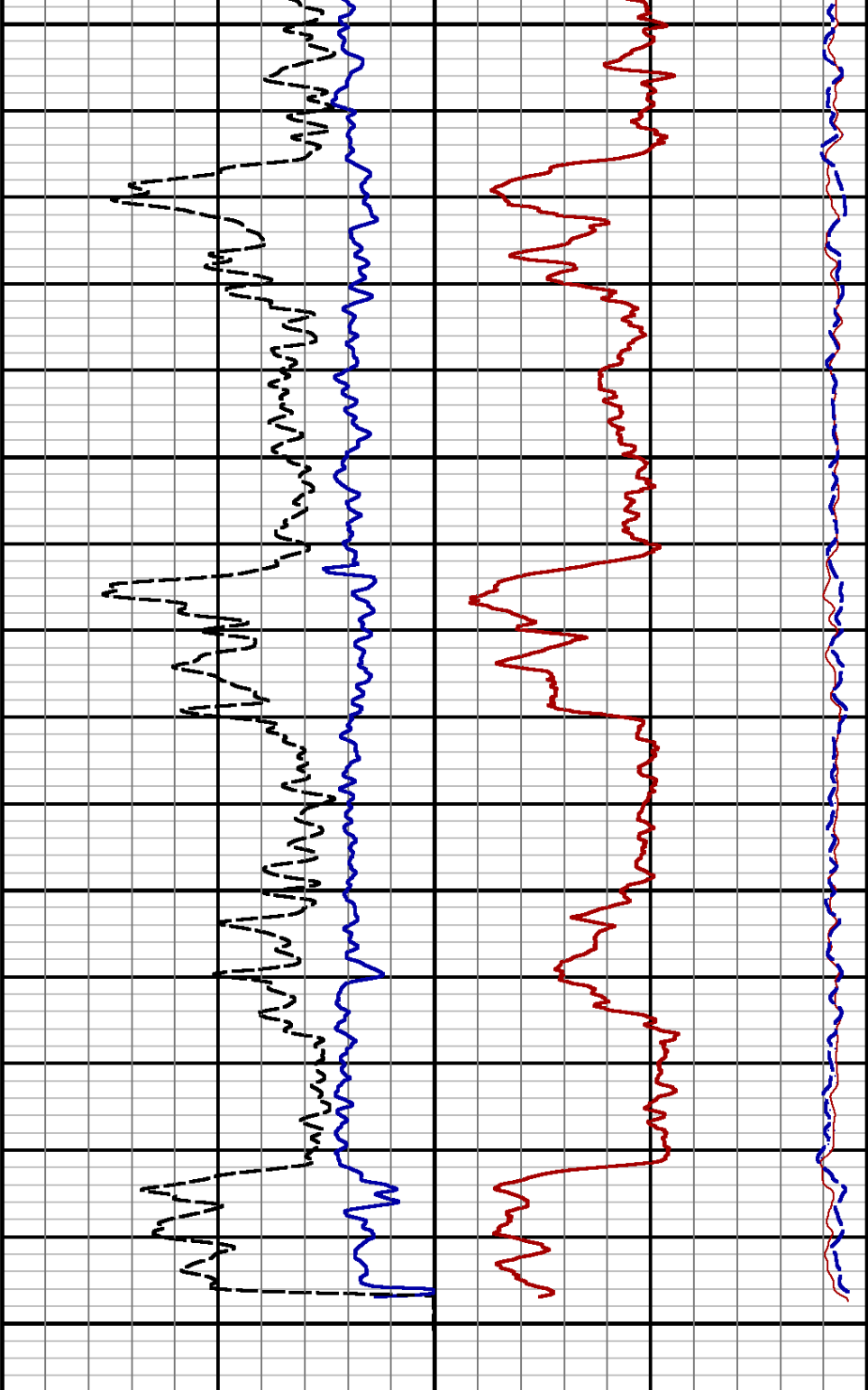
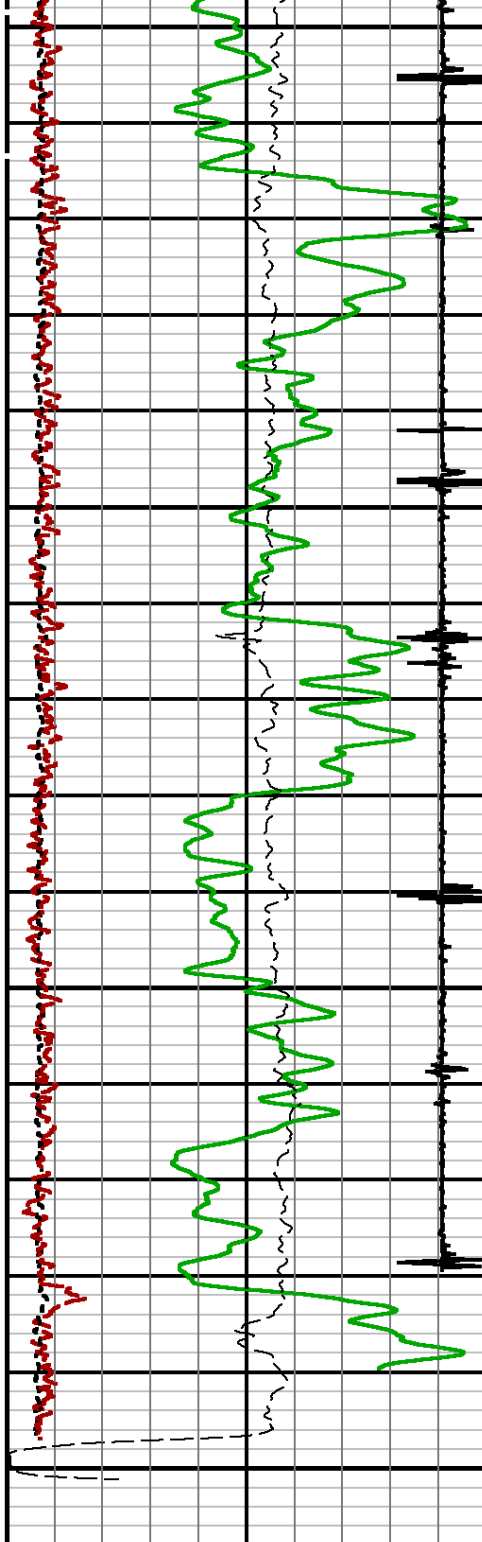


Formation Sigma
60.0 0.0

GAMMA RAY			RATIO		NEAR 1		
0	API	150	6.0	1.0	240.0	Counts/Second	0.0
CCL			Ratio Bore n to f		FAR 1		
-10000	Millivolts	1000	-1.0	14.0	40.0	Counts/Second	0.0
Near Background							
0.0		30000.0					
Far Background							
0.0		3000.0					
START DEPTH: 6042.4 DIRECTION: UP DATE: 02/27/2014 TIME: 10:47 MODE: TRACE PLAYBACK							
80209541 PNDMAINF							
MAIN PASS							
DEPTH SCALE: 5":100'				LOGGED VERSION: 2012.07.18.162"			

DEPTH SCALE: 5":100'			PROCESSED VERSION: 2012.07.18.162"		
REPEAT PASS					
80209541 PNDREPEAT					
FINISH DEPTH: 2863.7 Feet DIRECTION: UP DATE: 02/27/2014 TIME: 10:51 MODE: TRACE PLAYBACK					
<div>Far Background</div> <div>0.03000.0</div>					
<div>Near Background</div> <div>0.030000.0</div>					
<div>CCL</div> <div>-10000Millivolts1000</div>		<div>Ratio Bore n to f</div> <div>-1.014.0</div>		<div>FAR 1</div> <div>40.0Counts/Second0.0</div>	
<div>GAMMA RAY</div> <div>0API150</div>		<div>RATIO</div> <div>6.01.0</div>		<div>NEAR 1</div> <div>240.0Counts/Second0.0</div>	
<div>OUTPUT QUALITY</div> <div>0.0200000.0</div>		<div>Tension</div> <div>02000</div>			
		<div>Formation Sigma</div> <div>60.00.0</div>			
<div></div>		<div></div>			
<div></div>		<div></div>			





0.0	3000.0
START DEPTH: 3258.0 DIRECTION: UP DATE: 02/27/2014 TIME: 10:51 MODE: TRACE PLAYBACK	
80209541 PNDREPEAT	
REPEAT PASS	
DEPTH SCALE: 5":100'	LOGGED VERSION: 2012.07.18.162"

COMPANY URSA OPERATING COMPANY	 Weatherford®
WELL BAT 33A-24-07-96	
FIELD BATTLEMENT MESA	
COUNTY GARFIELD STATE COLORADO	