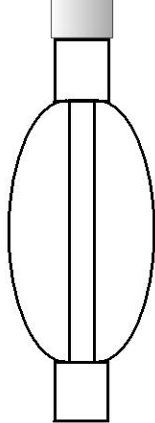


Top - Bottom

M	A	SZCOR	NPORSEL	FLUIDDEN g/cc	MATRXDEN g/cc	SPSHIFT mV	SNDERRM mmho/m
2	1	Off	Limestone	1	2.71	-85	0
SNDERR mmho/m	SRFTEMP degF	CASETHCK in	CASEOD in	PERFS	TDEPTH ft	BOTTEMP degF	BOREID in
0	74	0	5.5	0	3893	115	7.875

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CENT-PENGO (3-PENGO)	5.50	3.00	70.00
WVF4 WVF1	13.50 13.50		SLT-PENGO (0001)	16.00	3.50	300.00
WVF3 WVF2	11.50 11.50					



CENT-PENGO (4-PENGO)

5.50

3.00

70.00

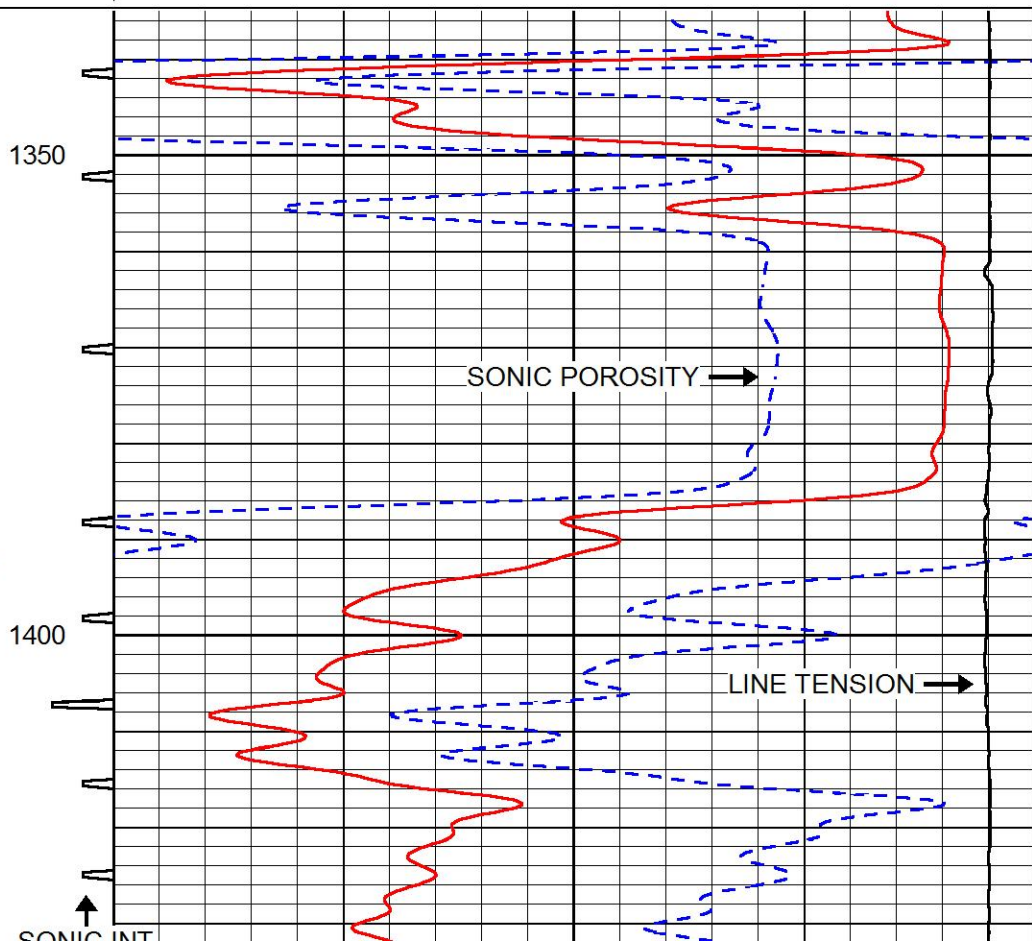
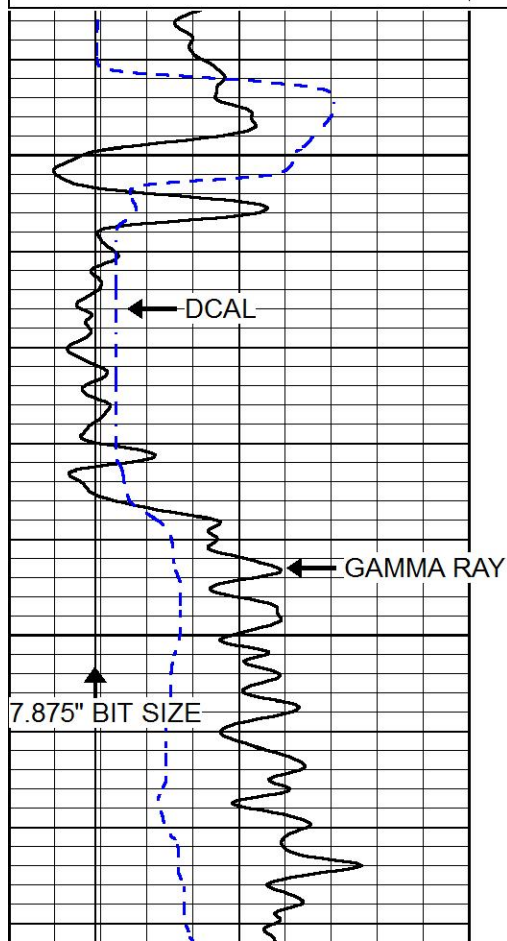
Dataset: lachenmayr_jme farms_1.db: field/well/SON/pass3
Total length: 27.00 ft
Total weight: 440.00 lb
O.D.: 3.50 in

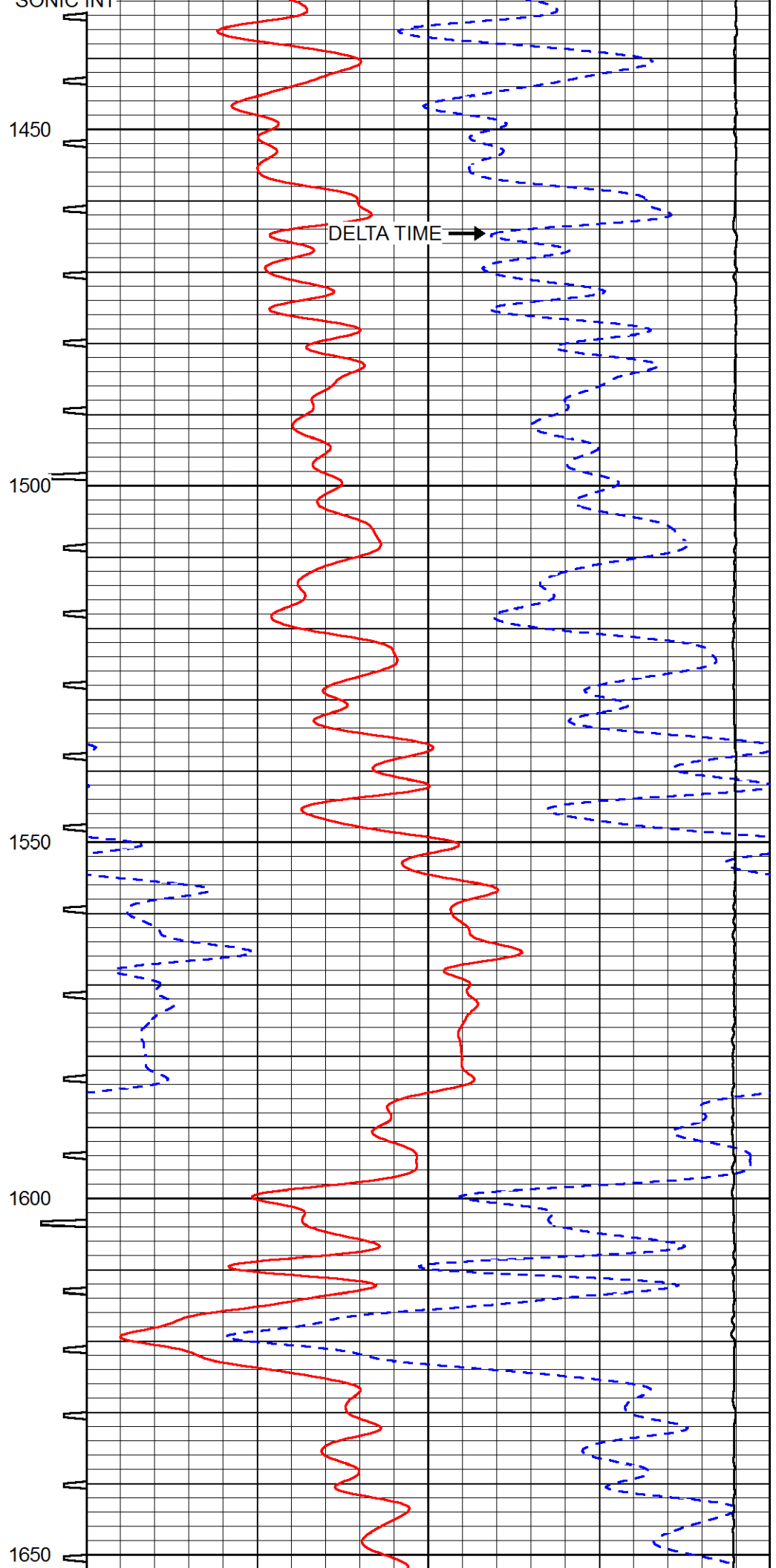
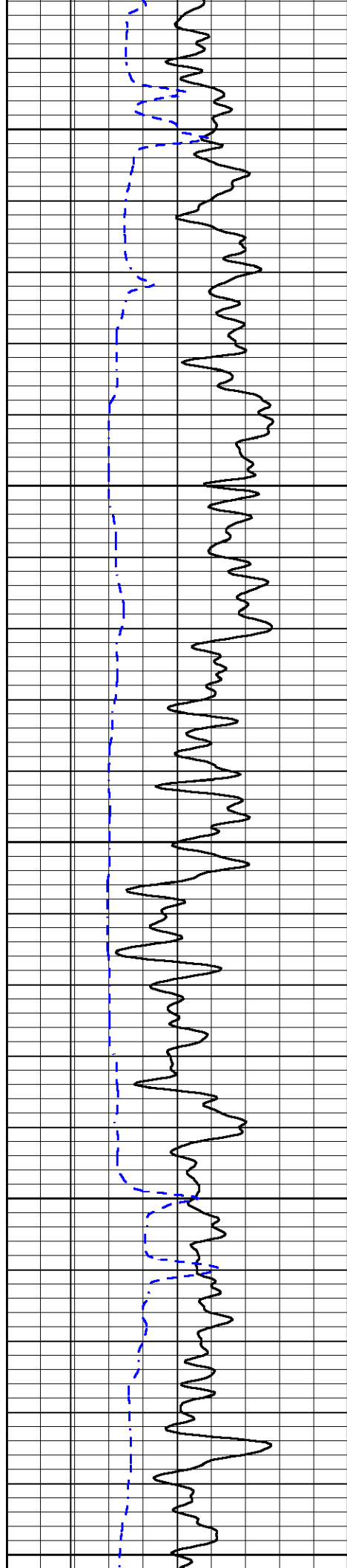


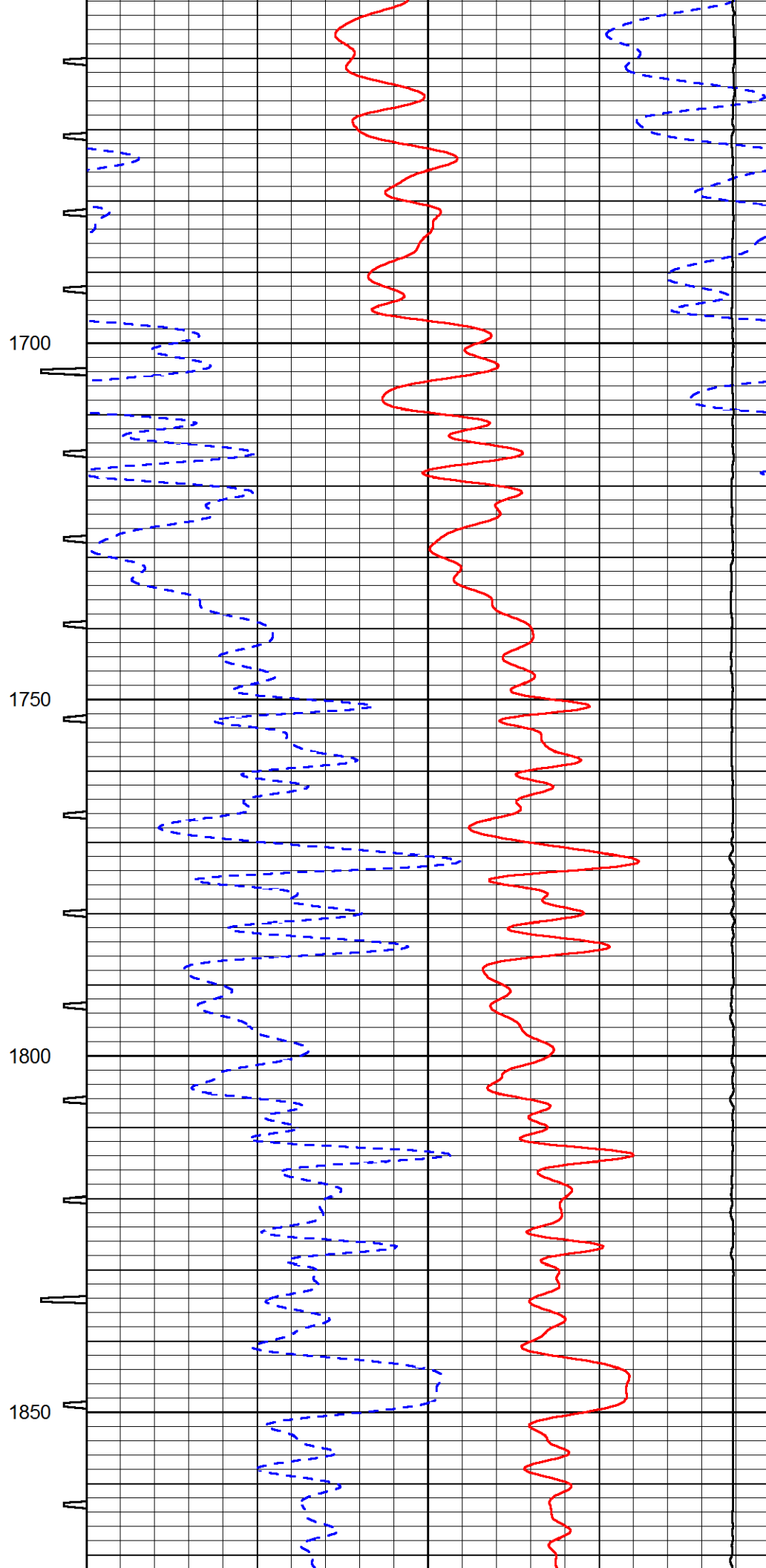
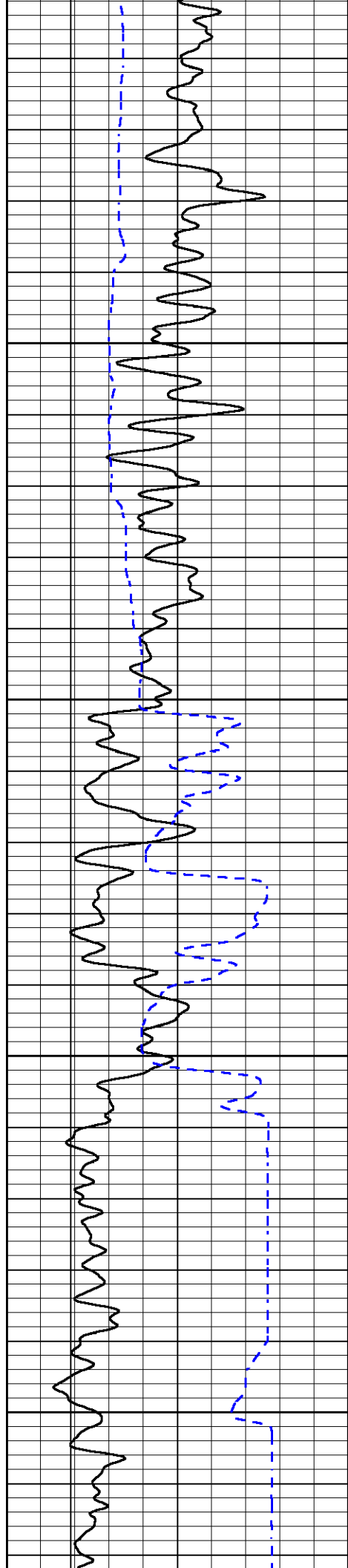
MAIN PASS

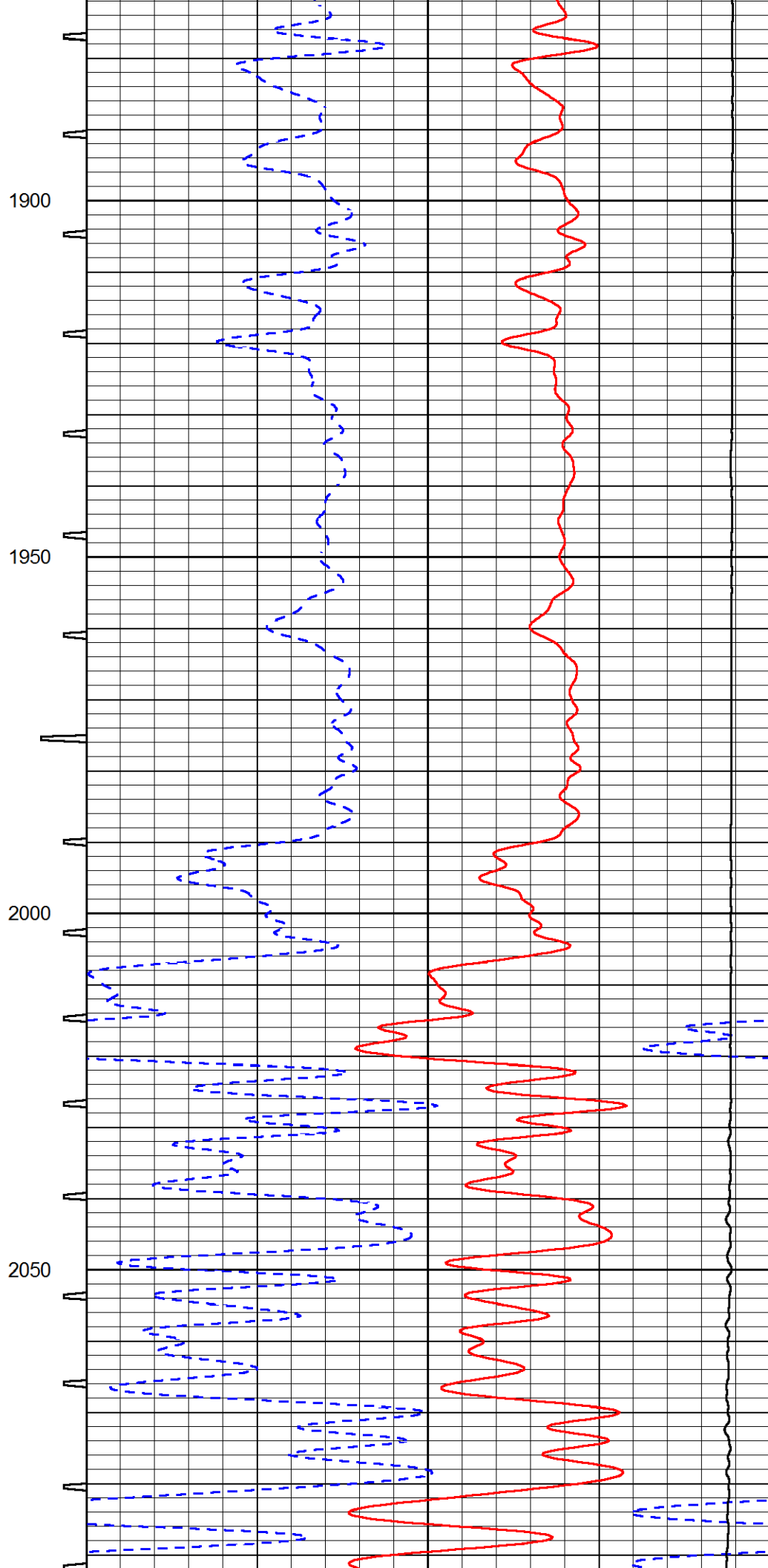
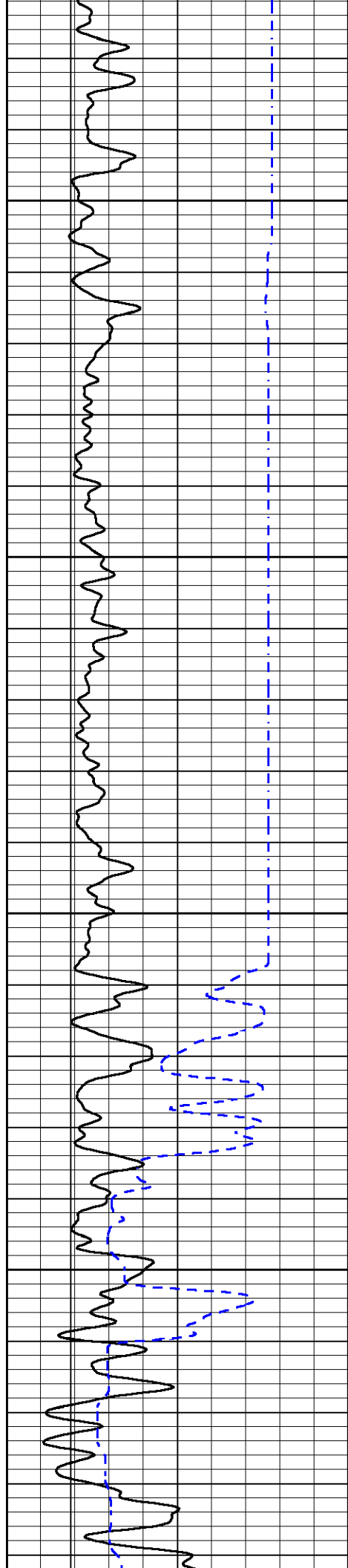
Database File lachenmayr_jme farms_1.db
Dataset Pathname STACK/pass4.1
Presentation Format sonic
Dataset Creation Mon Oct 17 23:07:38 2016
Charted by Depth in Feet scaled 1:240

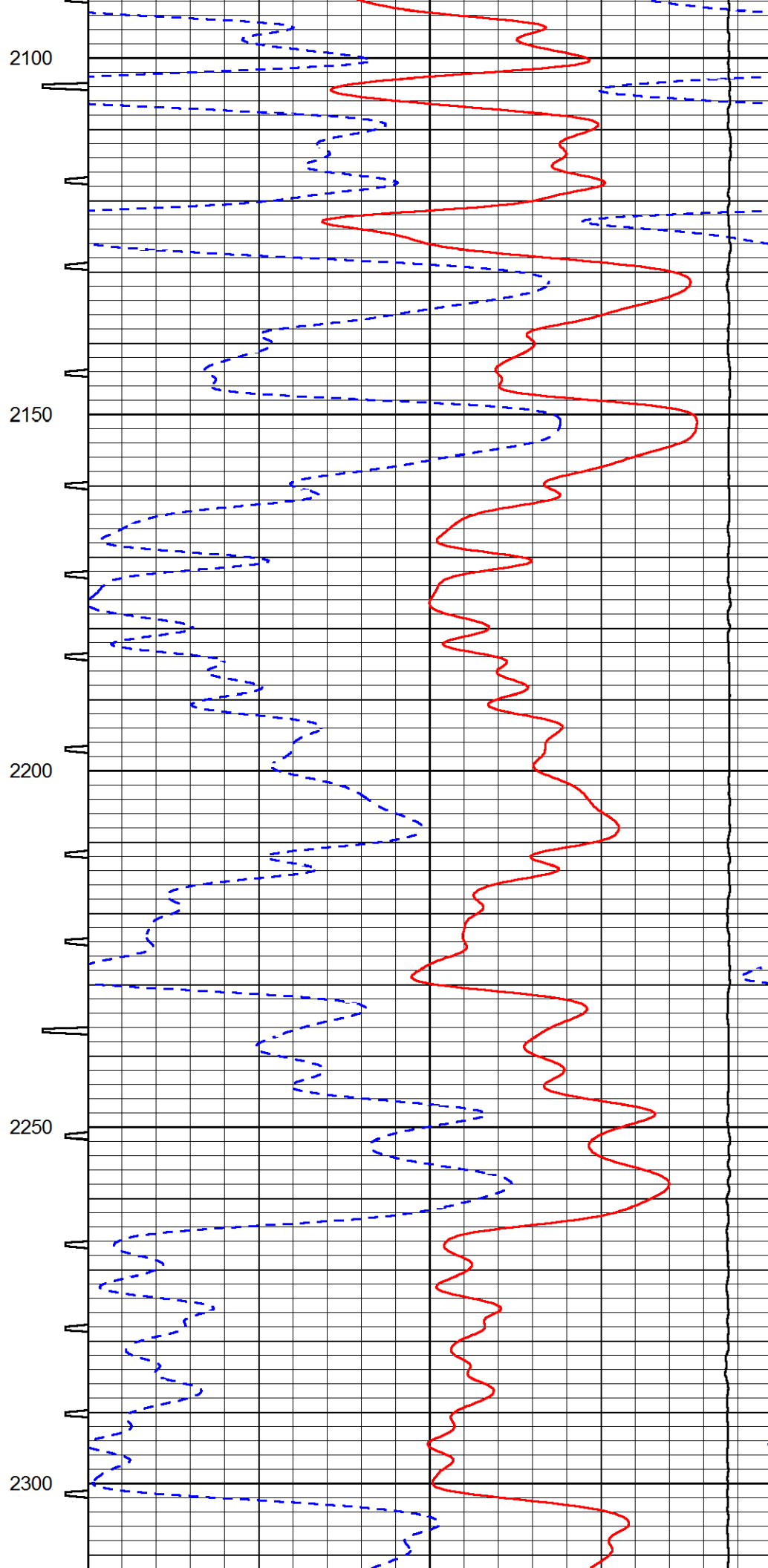
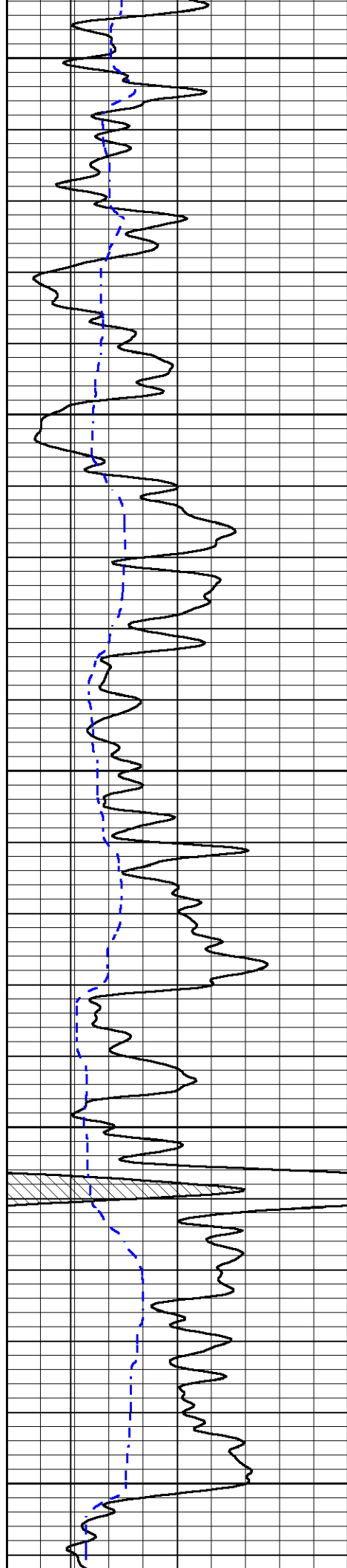
0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	DCAL (in)	16		15000	LTEN (lb) (lb)	0

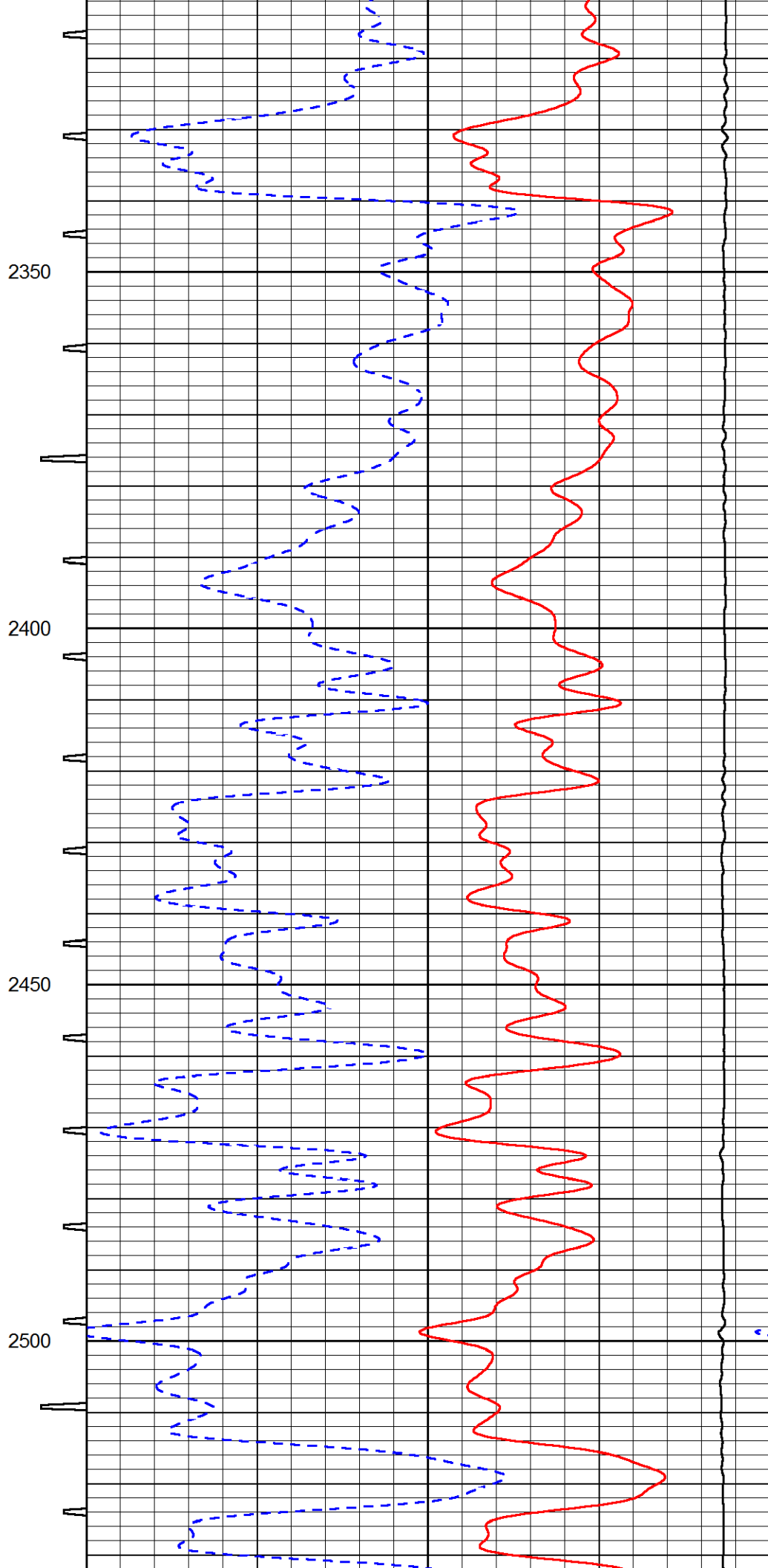
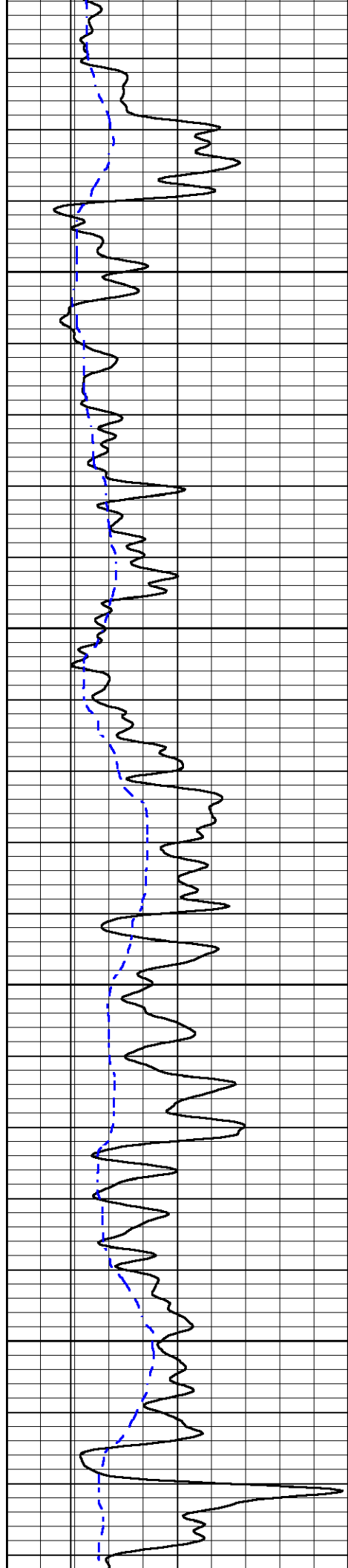


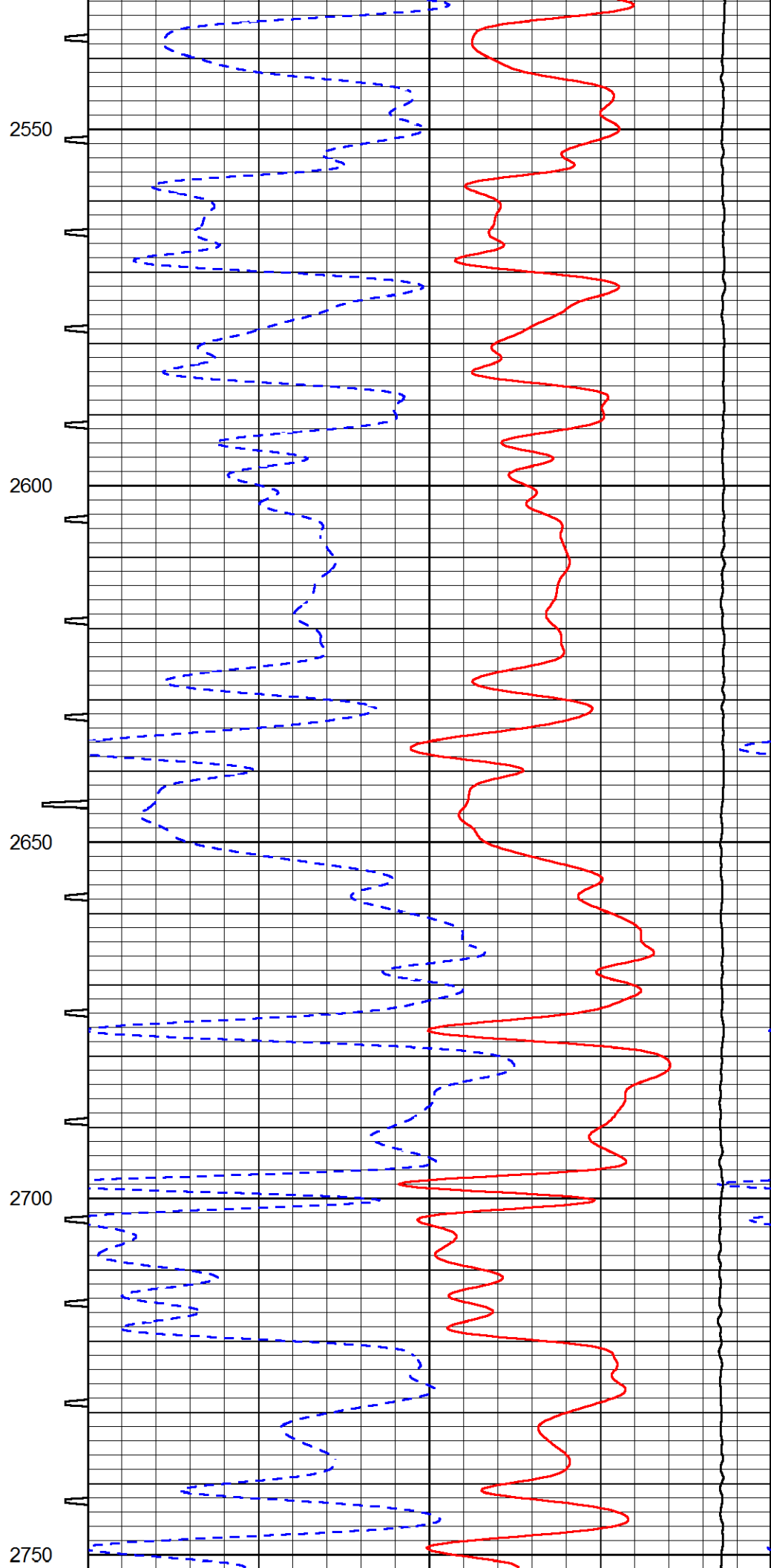
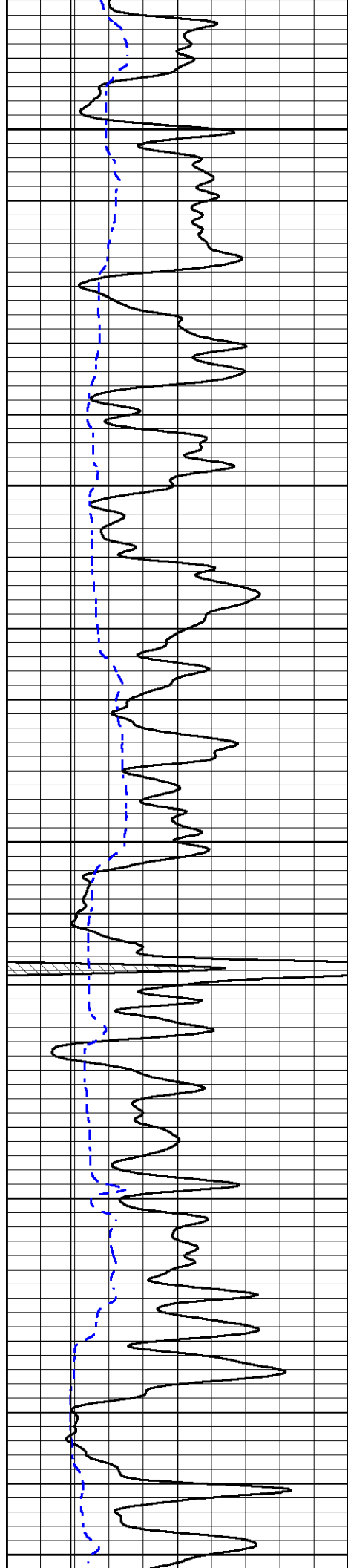


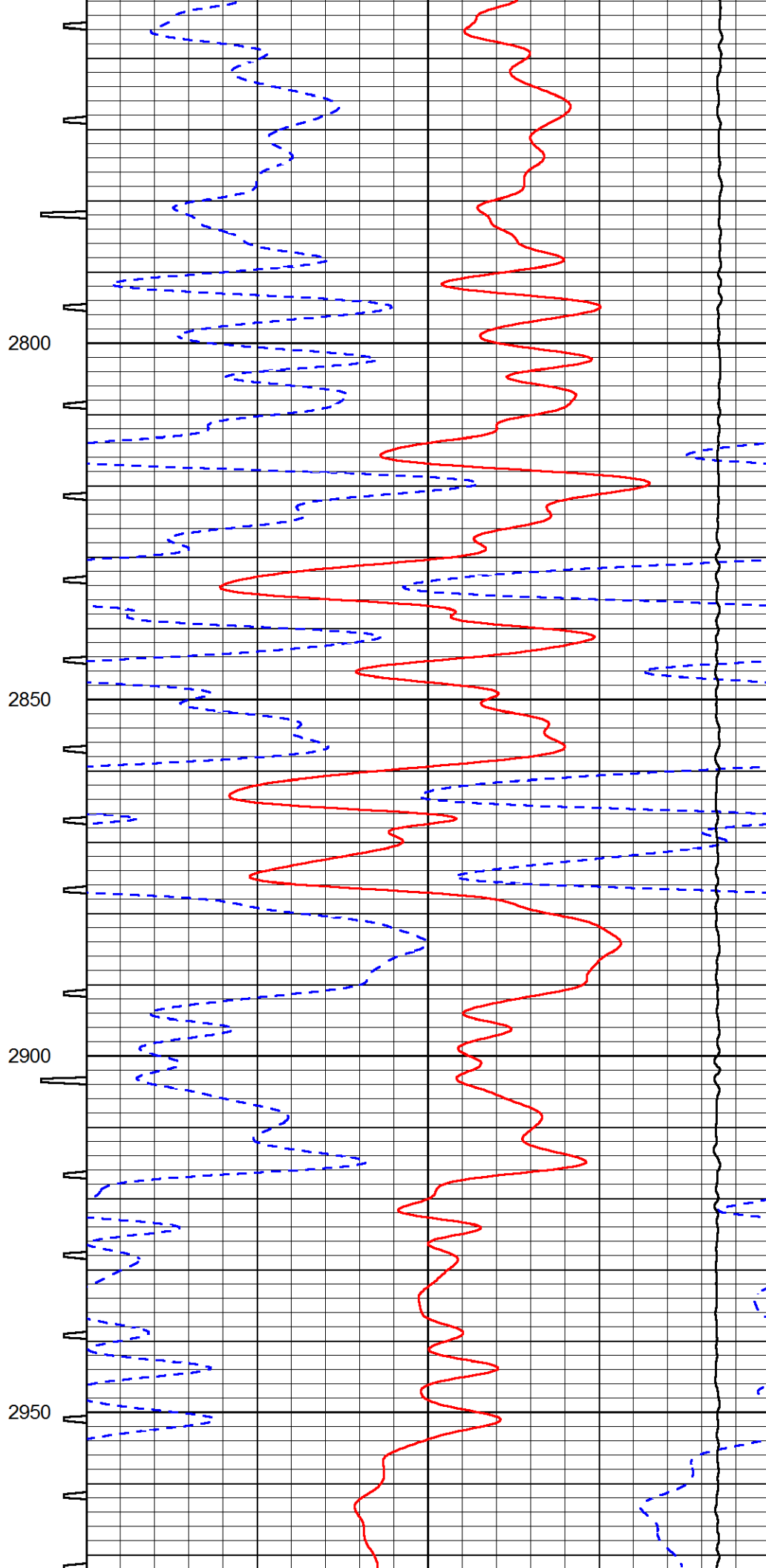
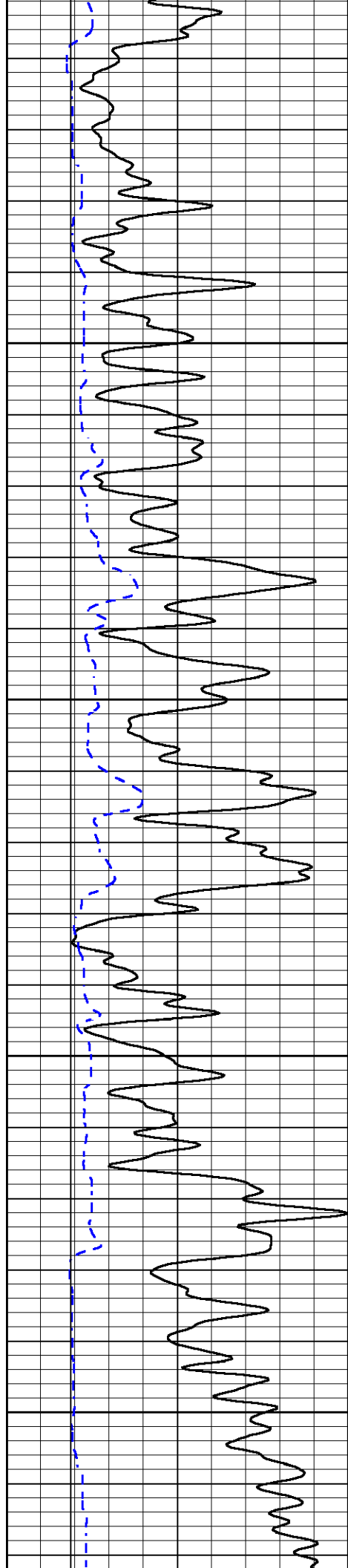


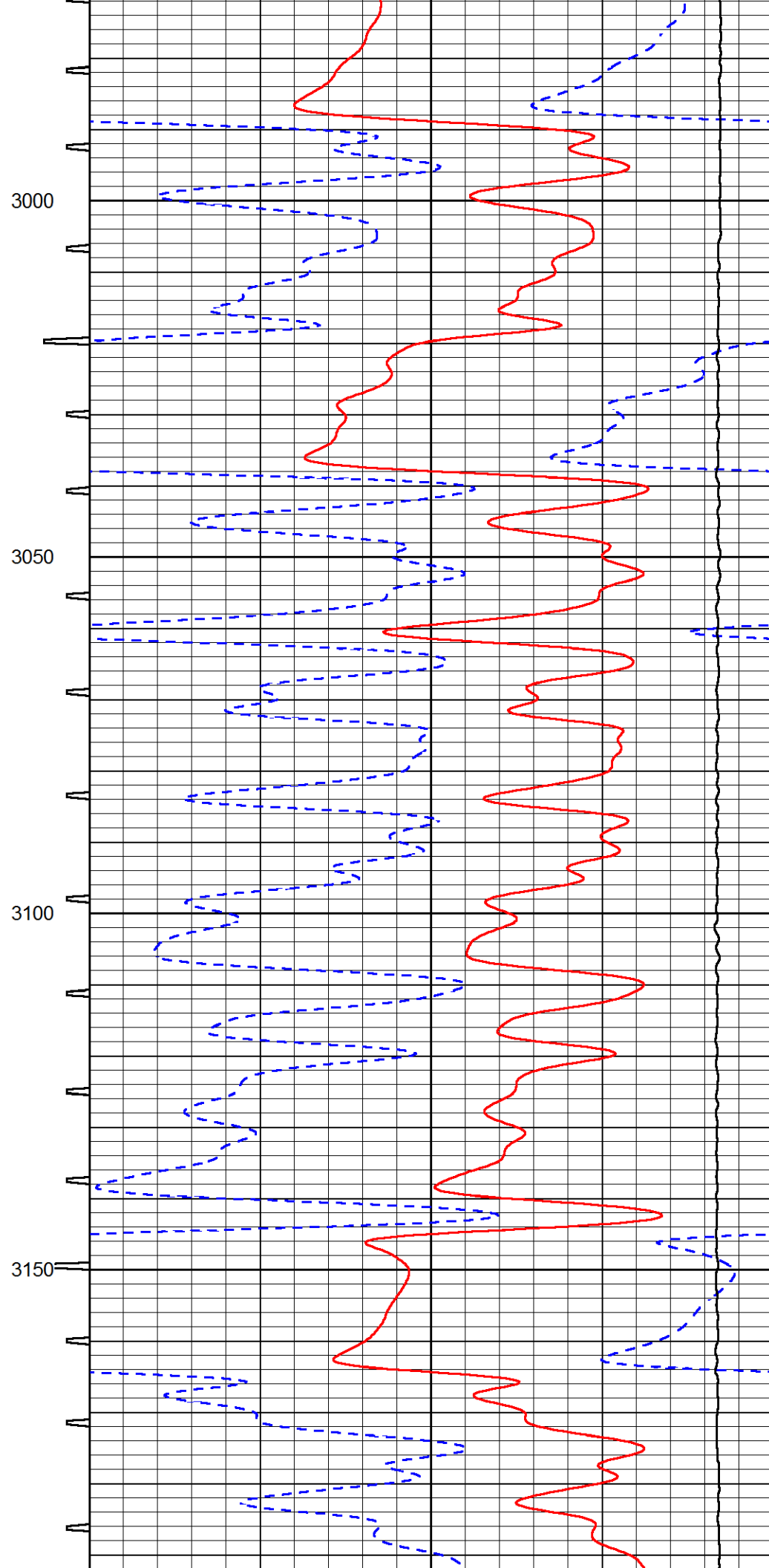
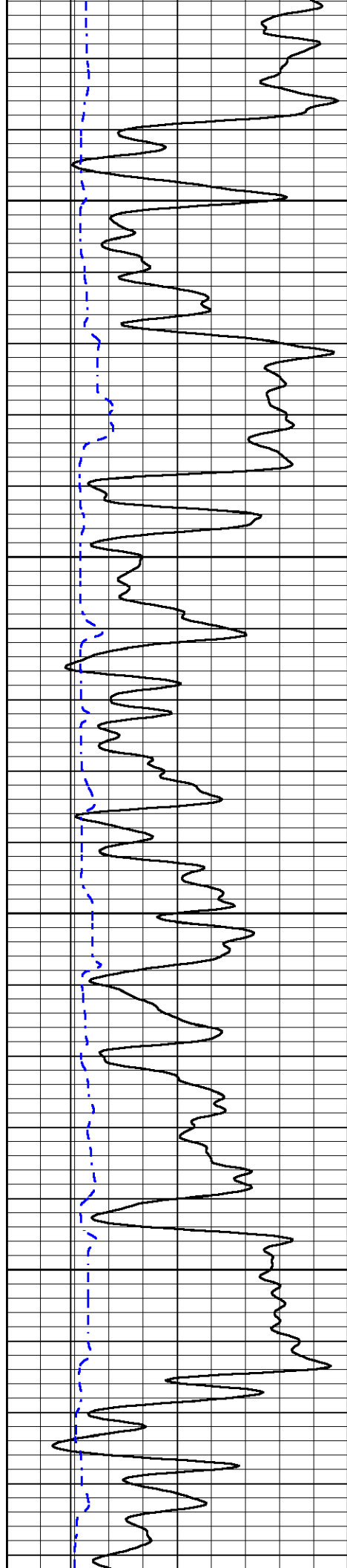


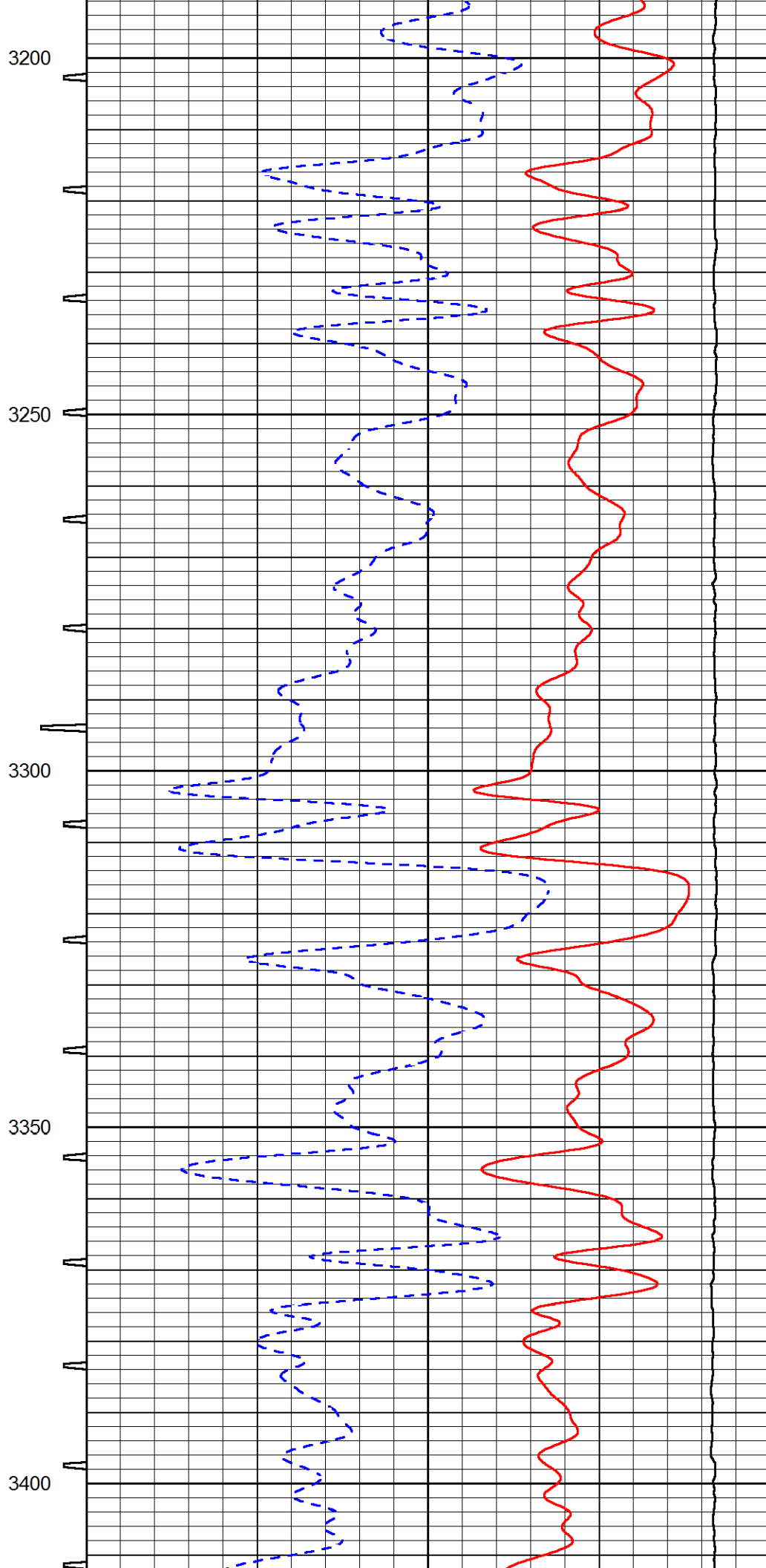
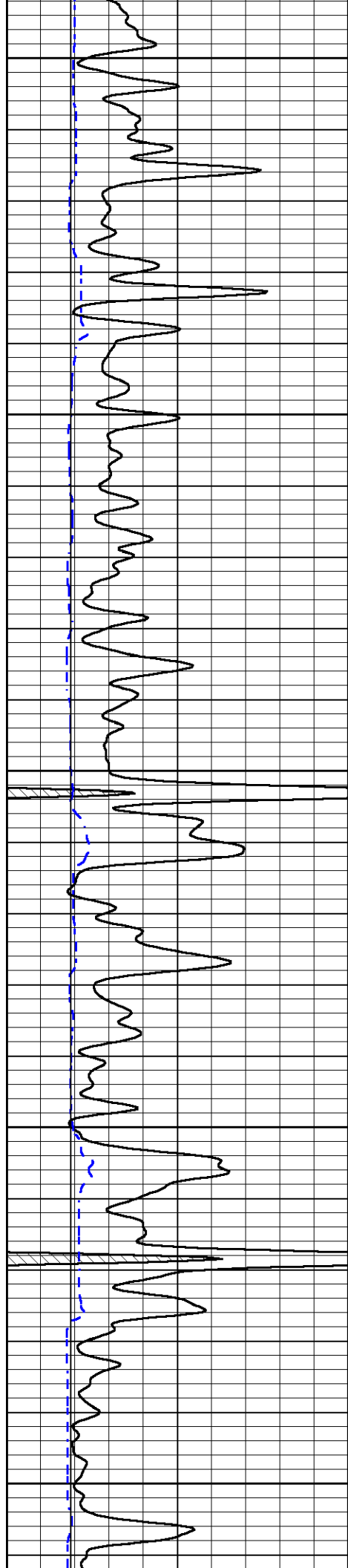


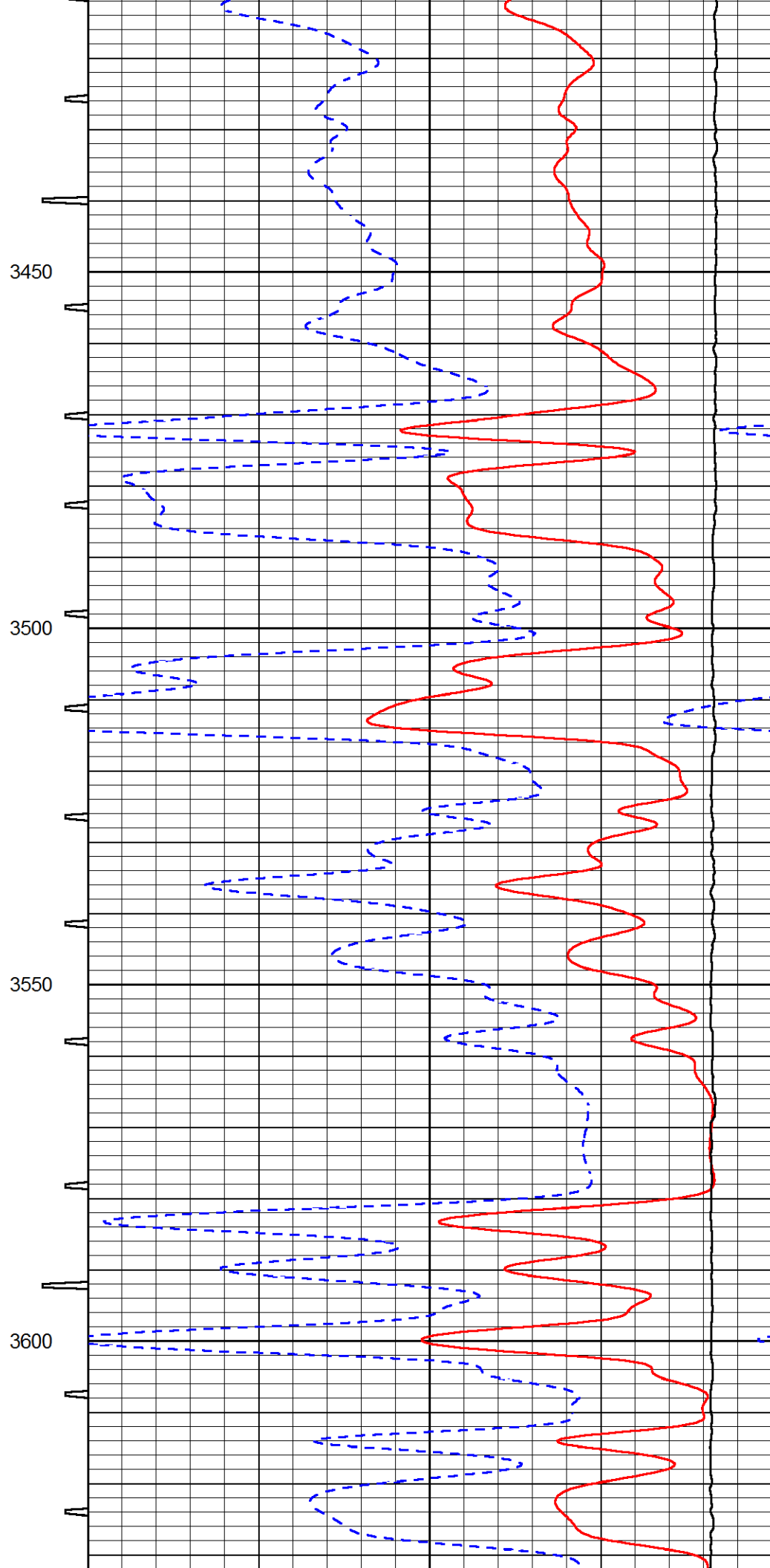
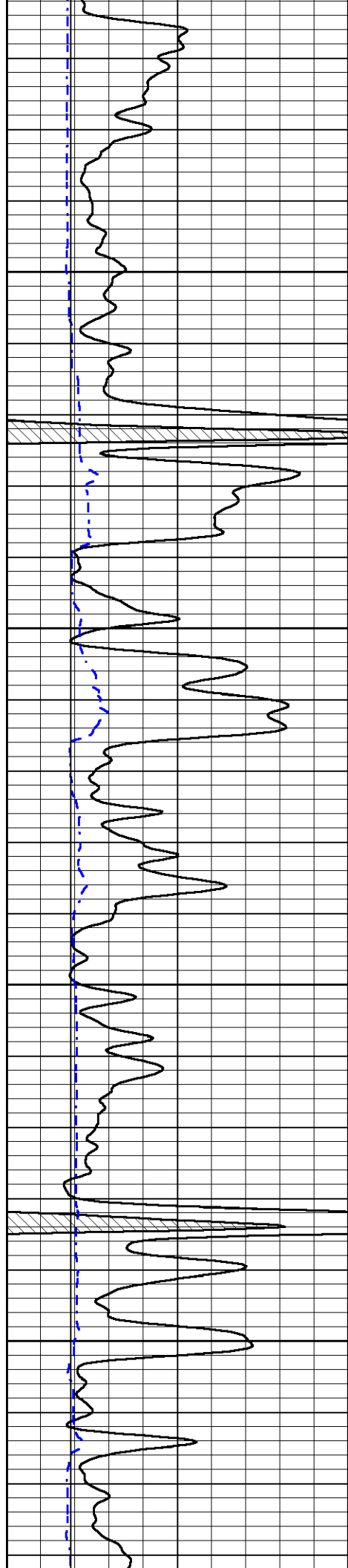


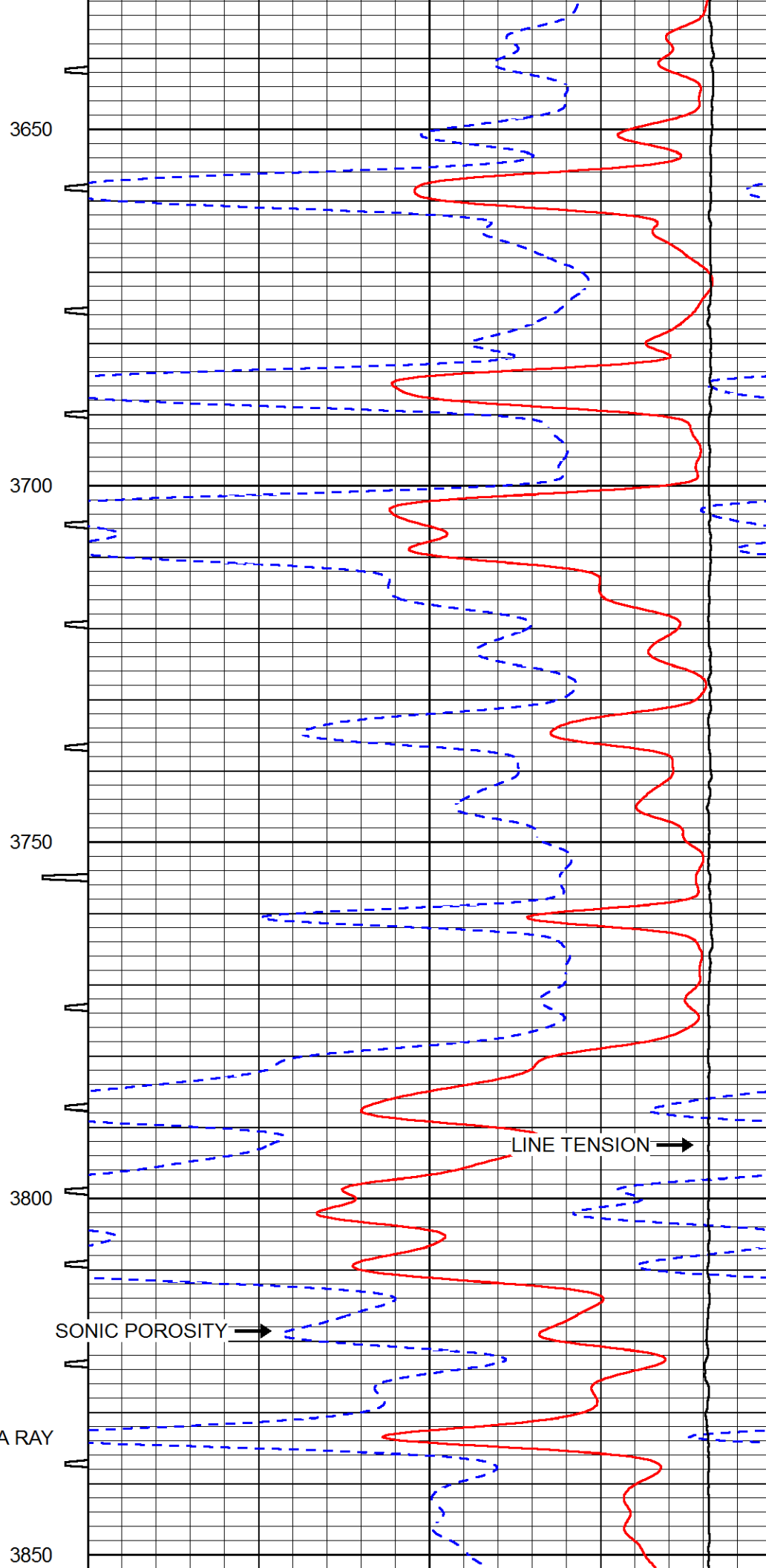
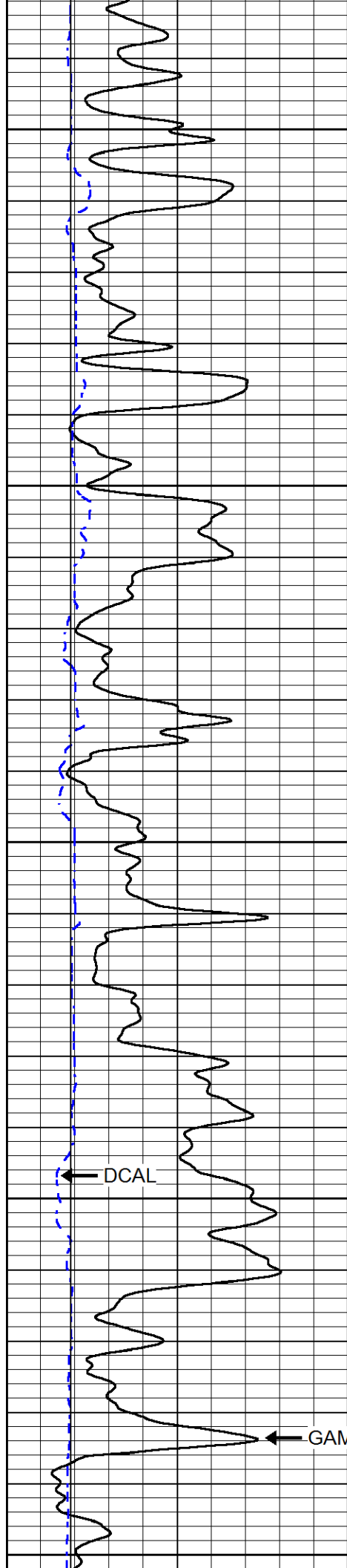


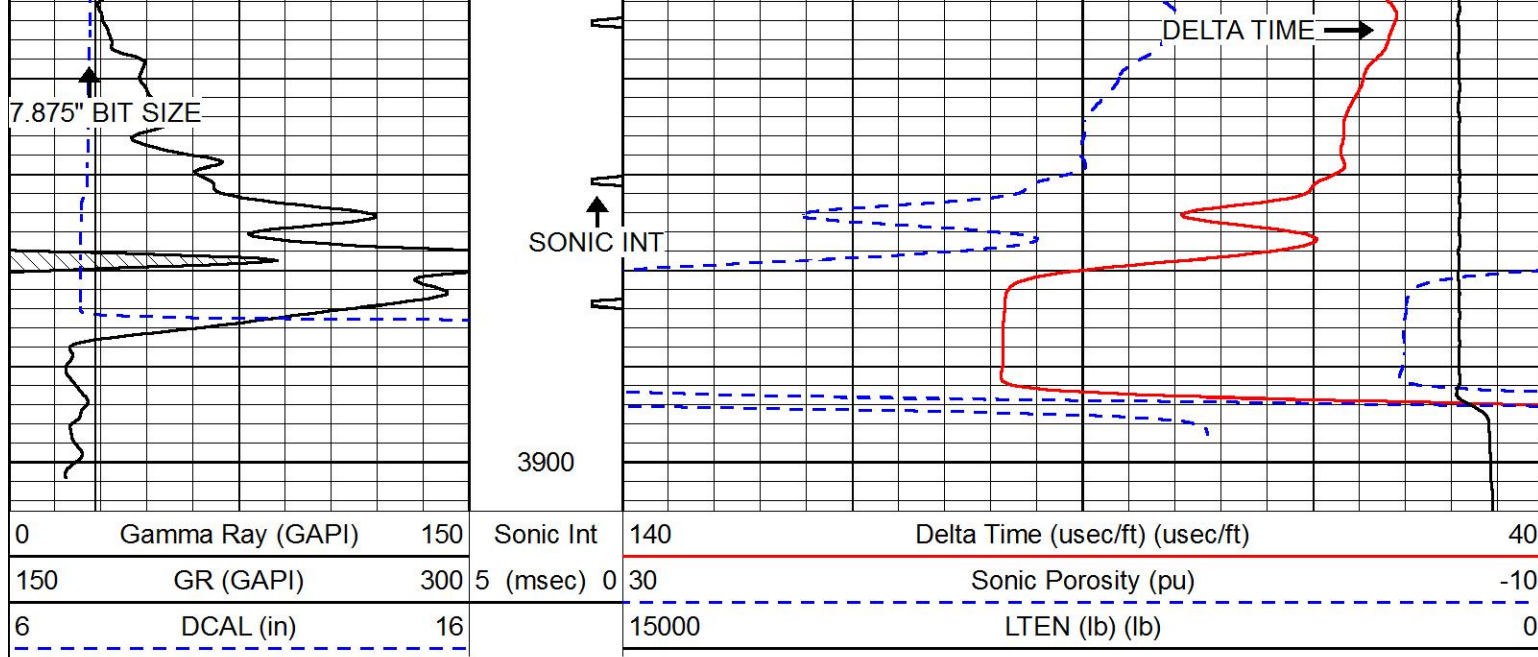








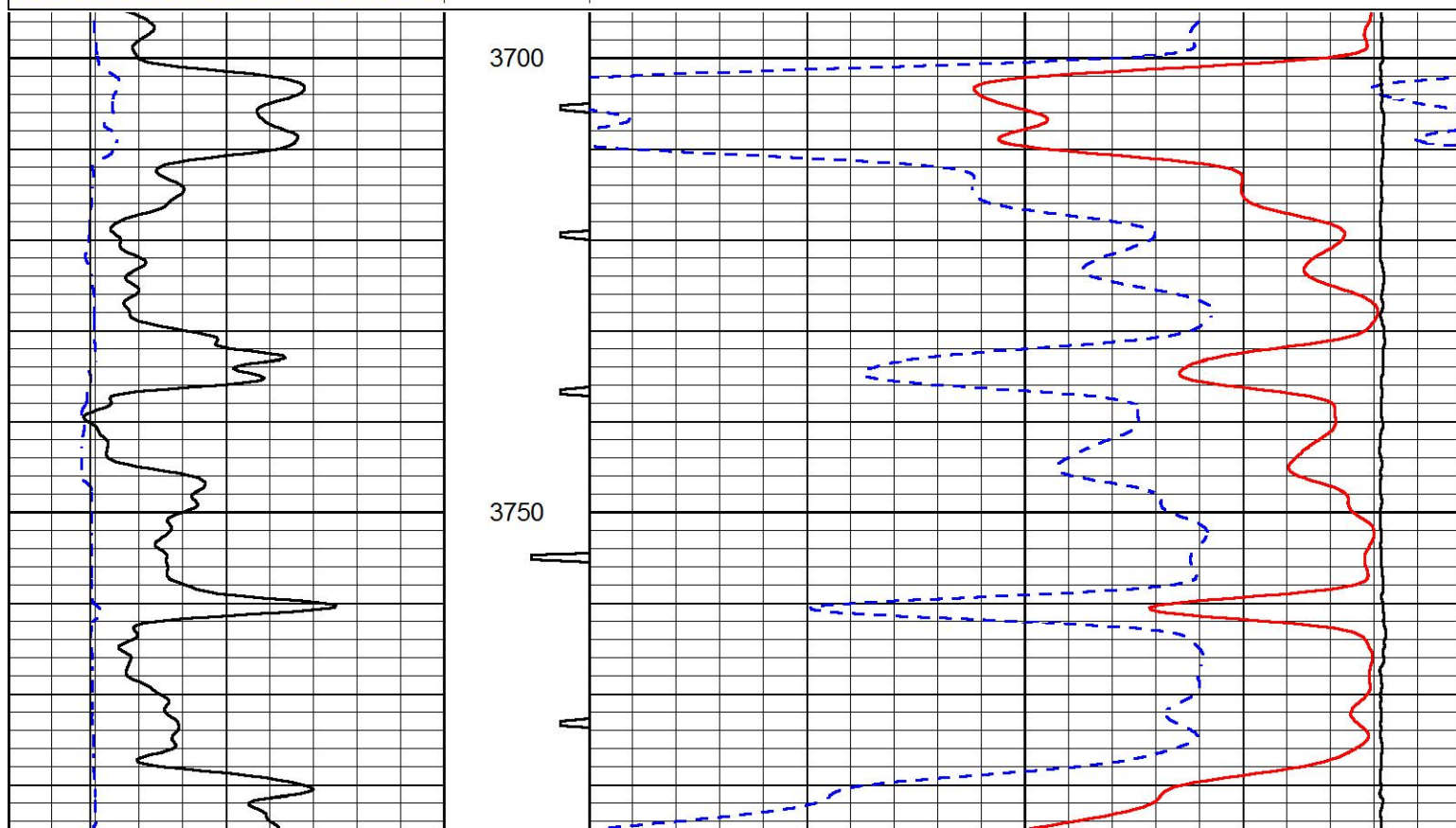


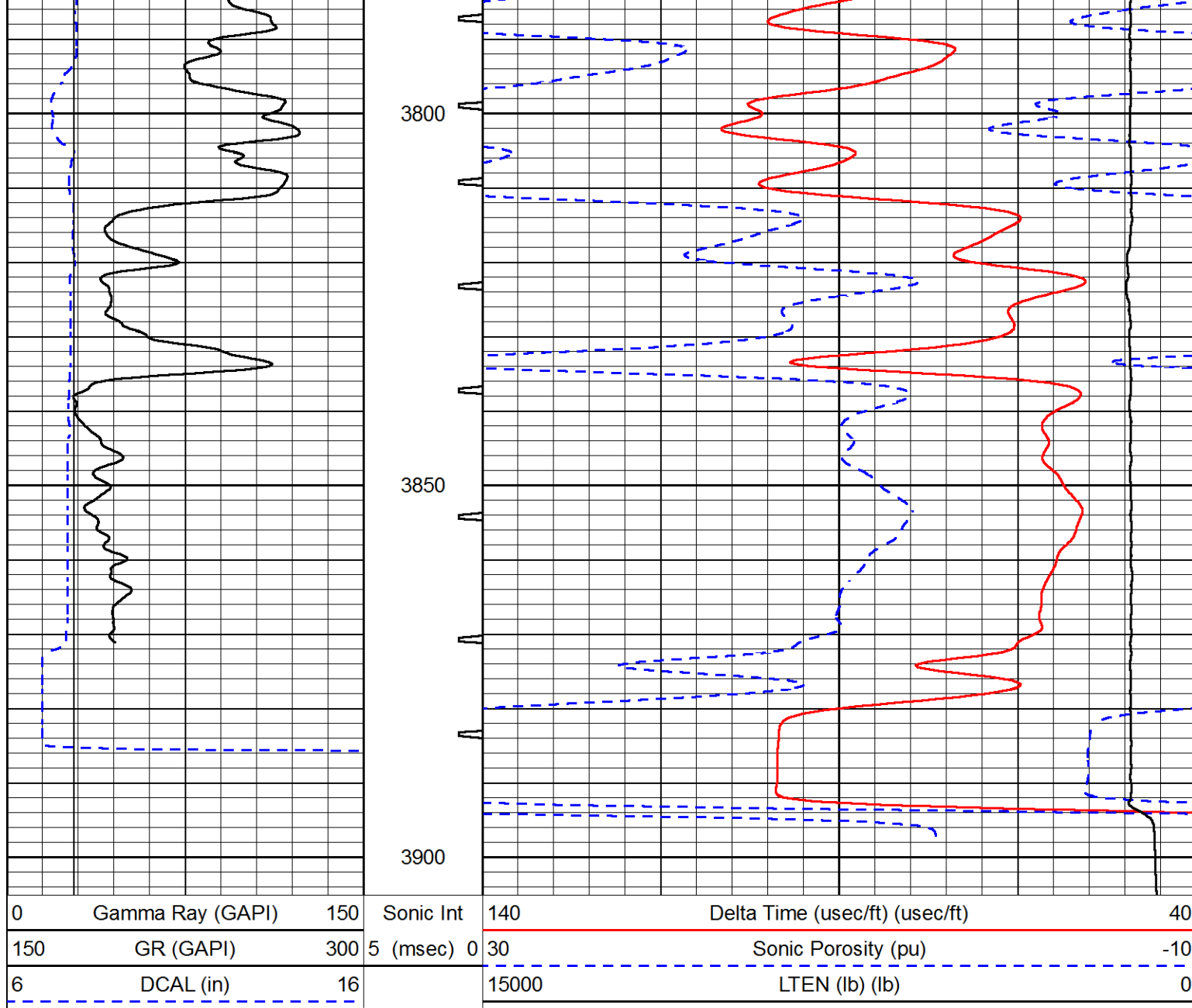


REPEAT SECTION

Database File lachenmayr_jme farms_1.db
 Dataset Pathname STACK/pass2.2
 Presentation Format sonic
 Dataset Creation Mon Oct 17 22:36:26 2016
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)	40
150	GR (GAPI)	300	5 (msec) 0	30	Sonic Porosity (pu)	-10
6	DCAL (in)	16		15000	LTEN (lb) (lb)	0





Calibration Report

Database File lachenmayr_jme farms_1.db
Dataset Pathname STACK/pass4.1
Dataset Creation Mon Oct 17 23:07:38 2016

Dual Induction Calibration Report

Serial-Model: PSI 13-M&W
Calibration Performed: Thu Oct 06 06:17:37 2016

Loop:	Readings		References			Results	
	Air	Loop	Air	Loop		Gain	Offset
Deep	166.796	835.089	0.000	255.800	mmho/m	0.450	-31.000
Medium	142.009	1348.560	0.000	255.800	mmho/m	0.370	-26.500

Compensated Density Calibration Report

Serial-Model: 90-1031-M&W
Source / Verifier: 16955B / 2ci
Master Calibration Performed: Thu Sep 29 18:47:07 2016

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	5174.18	6425.27	cps
Aluminum	2.665	g/cc	963.17	4037.42	cps
Spine Angle = 74.55			Density/Spine Ratio = 0.522		
	Size		Reading		
Small Ring	6.00	in	1.83		
Large Ring	16.00	in	1.48		

Compensated Neutron Calibration Report

Serial Number: 207-MW
 Tool Model: M&W
 Calibration Performed: Wed Sep 28 10:30:30 2016

Detector	Readings		Target	Normalization
Short Space	6240.00	cps	1000.00 cps	1.6025
Long Space	460.00	cps	1000.00 cps	1.9500

Gamma Ray Calibration Report

Serial Number: 89
 Tool Model: M&W
 Calibration Performed: Thu Sep 29 18:47:18 2016

 Calibrator Value: 1.0 GAPI

 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

 Sensitivity: 0.6000 GAPI/cps



Company LACHENMAYR OIL, LLC
 Well JME FARMS #1
 Field UNNAMED
 County RUSH
 State KANSAS