

SONIC
CEMENT BOND
LOG

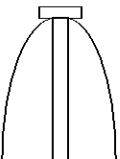
Company		SM OIL & GAS, INC.	
Well		LENITON	
Field		LENITON	
County		CHAUTAUQUA	
State		KANSAS	
Location:		API # : NE SW SW SE 470'FSL & 2050'FEL	
Permanent Datum Log Measured From Drilling Measured From		GL GL GL	
SEC 8 TWP 33S RGE 10E		Elevation 1034'	
Other Services		GR-NEUT PERFORATE	
K.B. D.F. G.L. 1034'			
Date	SEPTEMBER 16, 2015		
Run Number	ONE		
Depth Driller	2122'		
Depth Logger	2124'		
Bottom Logged Interval	2119'		
Top Log Interval	00'		
Open Hole Size	7.875"		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	450'		
Time Well Ready	ON ARRIVAL		
Time Logger on Bottom	9:00AM		
Equipment Number	48		
Location	HOMINY		
Recorded By	J. FISHER		
Witnessed By	S. MILLER		
Borehole Record		Tubing Record	
Run Number	Bit	From	To
ONE	15"	00	47'
TWO	12.25"	47'	806'
THREE	7.875"	806'	2134'
Casing Record	Size	Wgt/Ft	Top
Surface String	12.75"	UNKNOWN	00
Prot. String			
Production String	5.50"	17#	00
Liner			2127'

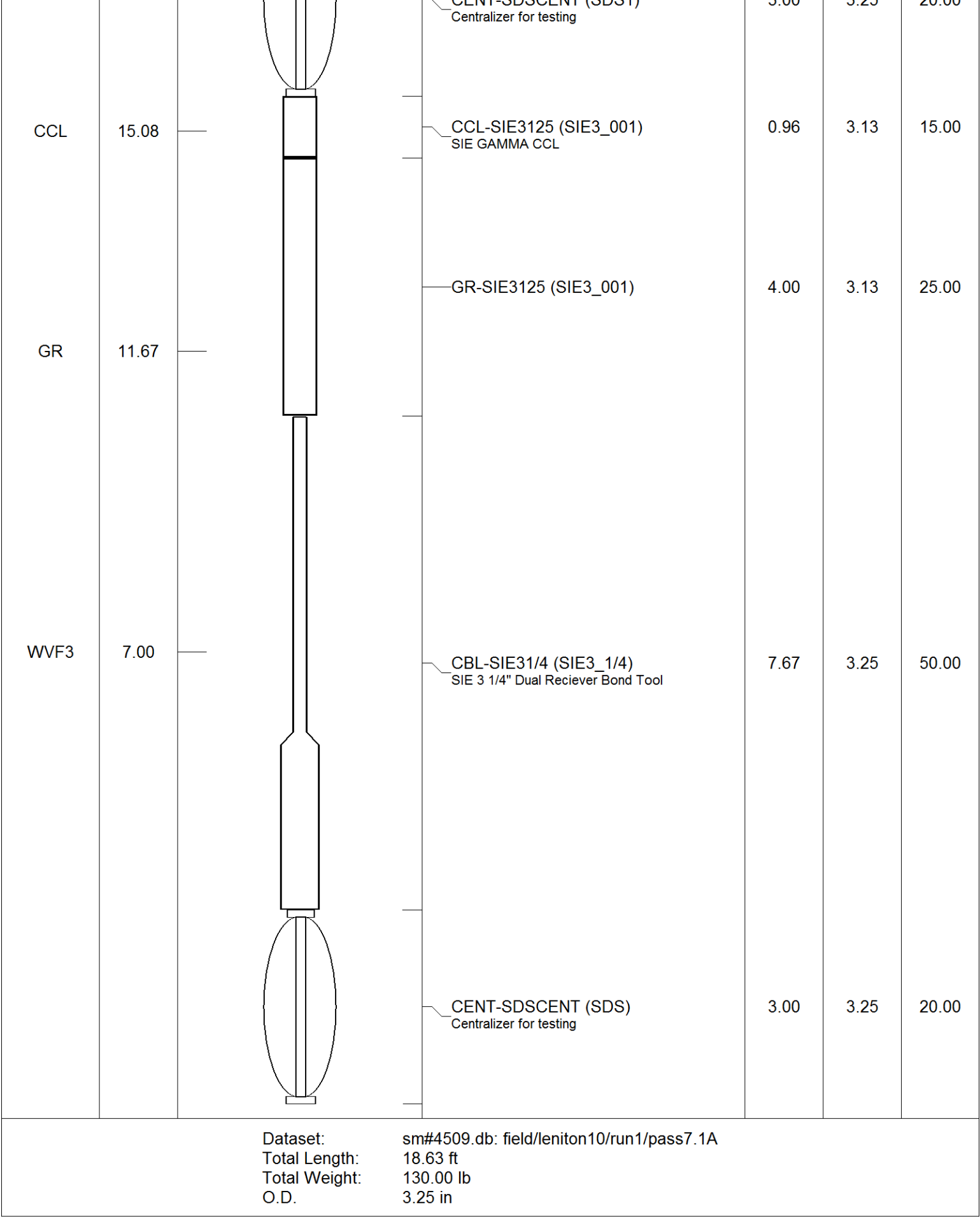
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

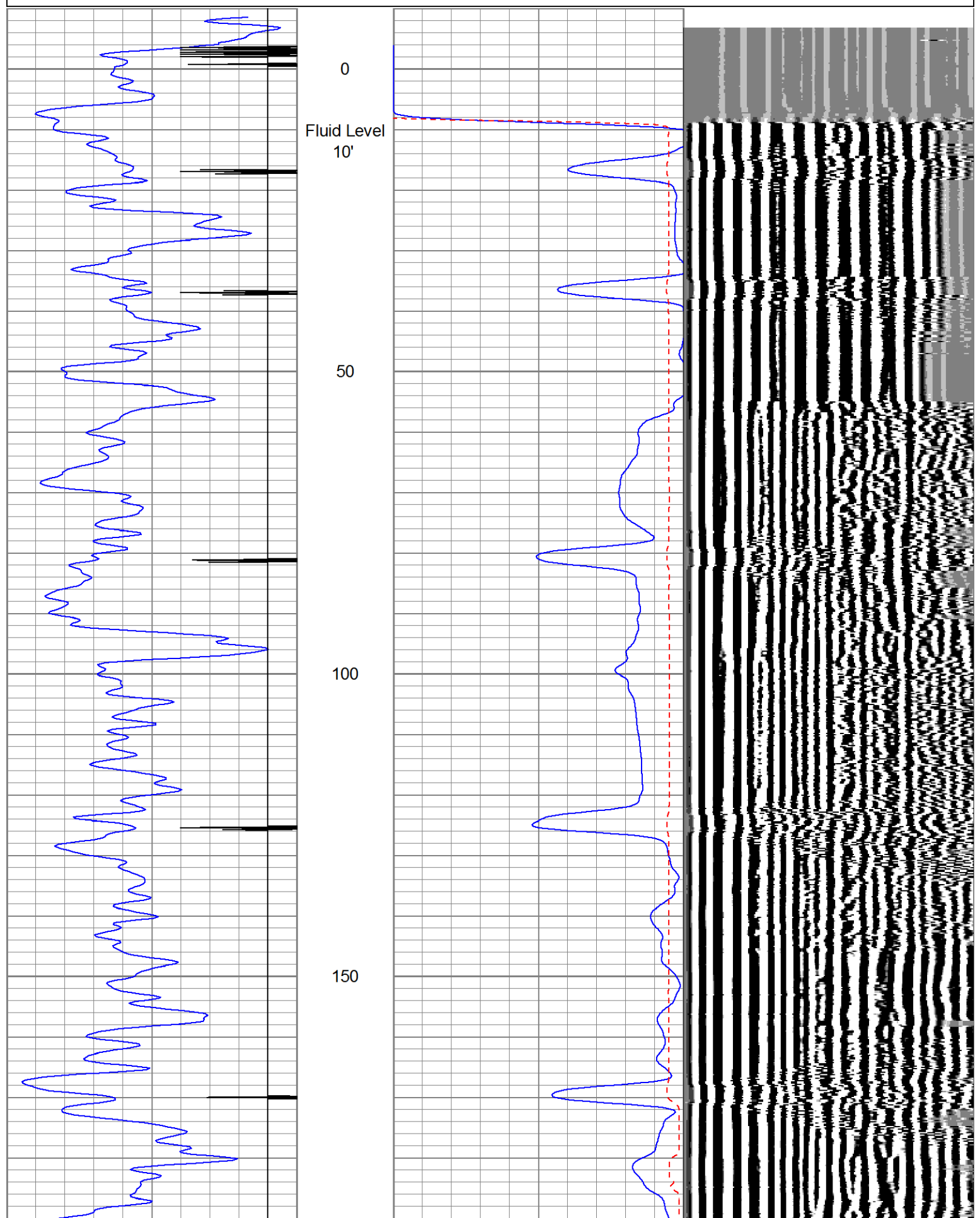
Comments

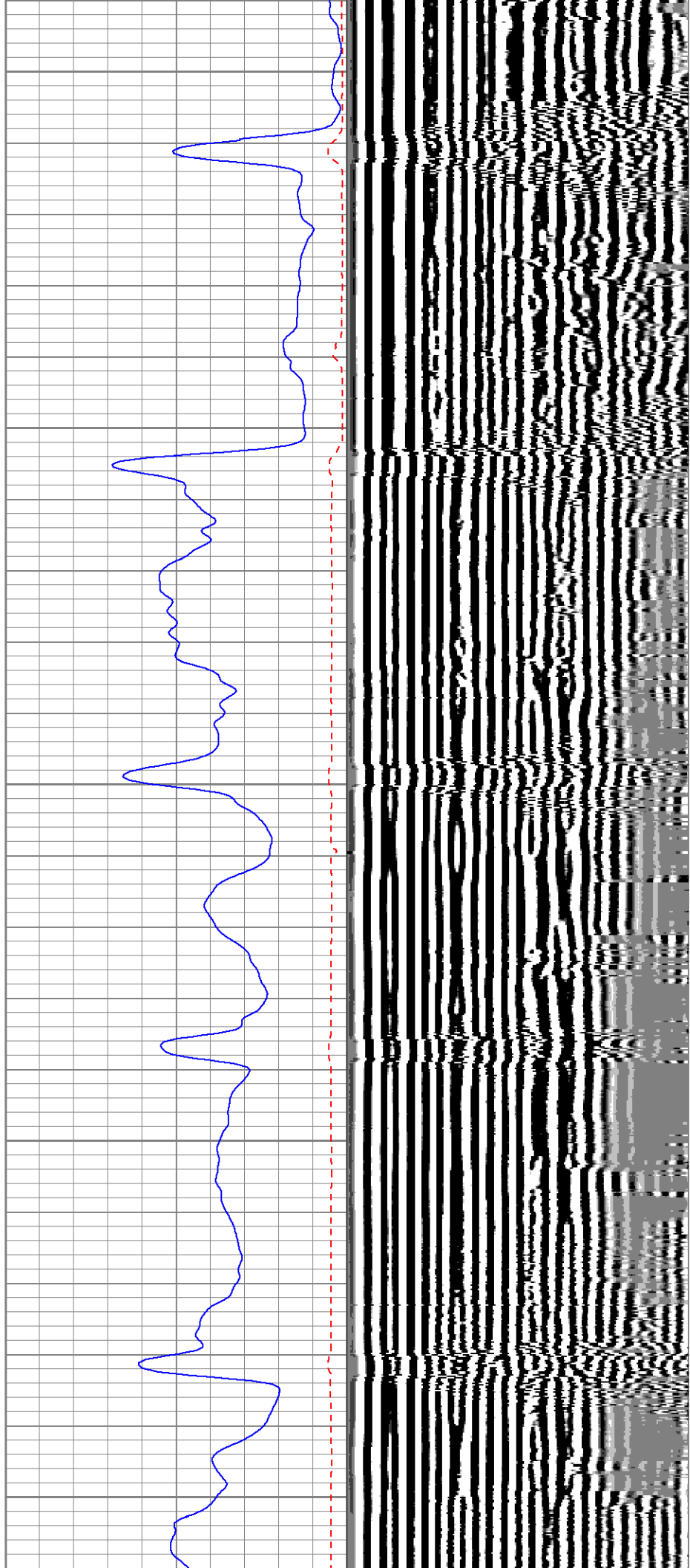
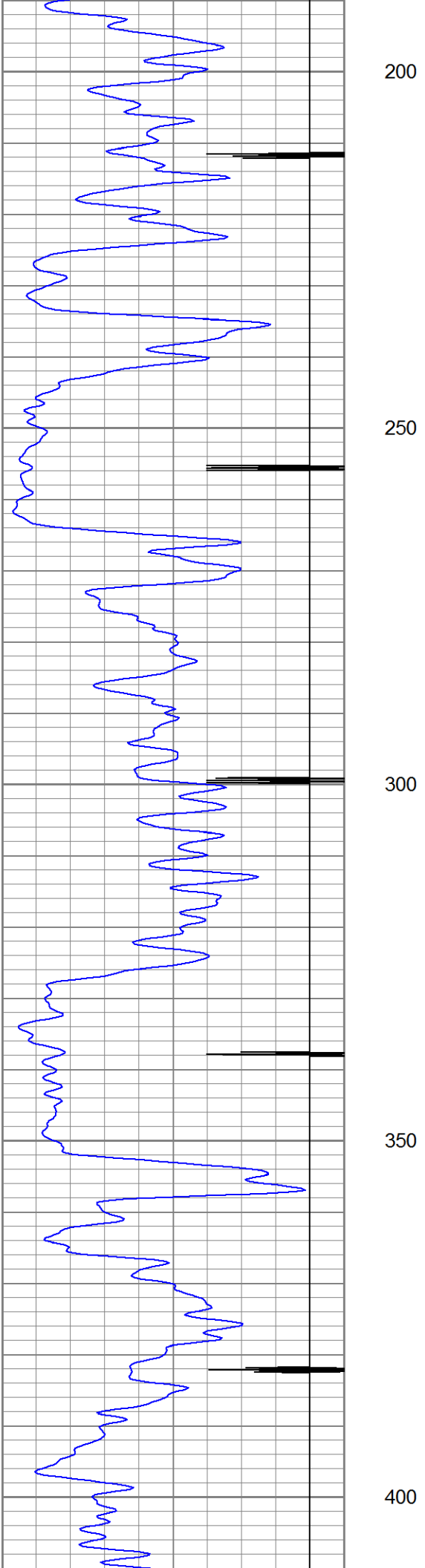
CEMENT TOP WAS LOGGED AT @450'
 PERFORATED FROM 2044'-2050' 2HPFT WITH A TOTAL OF 12 HOLES ON 9-16-2015
 THANK YOU FOR USING FWS, INC. HOMINY, OKLAHOMA. (918) 885 6564

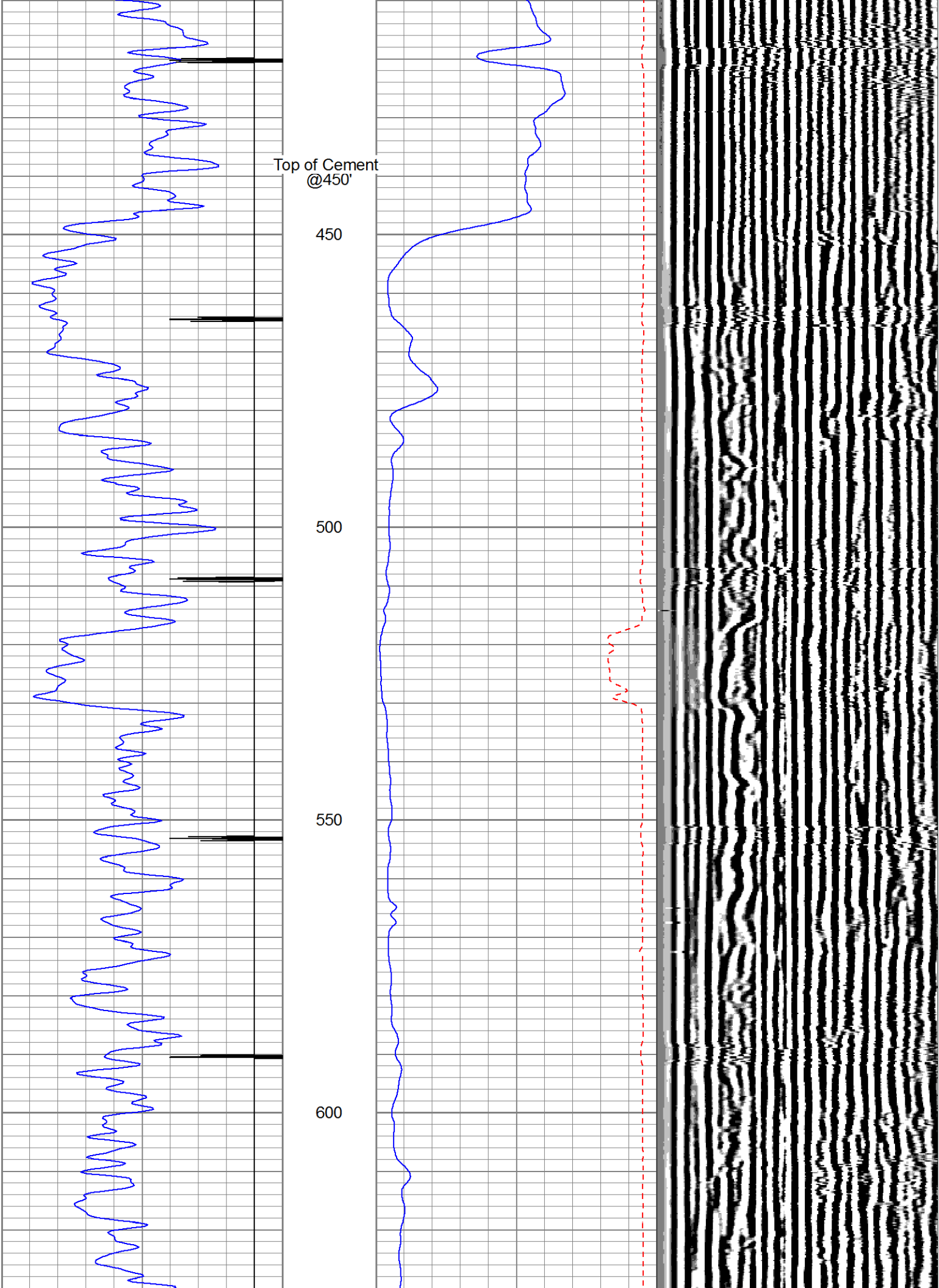
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CEMENT SDS (SDS1)	3.00	3.25	20.00

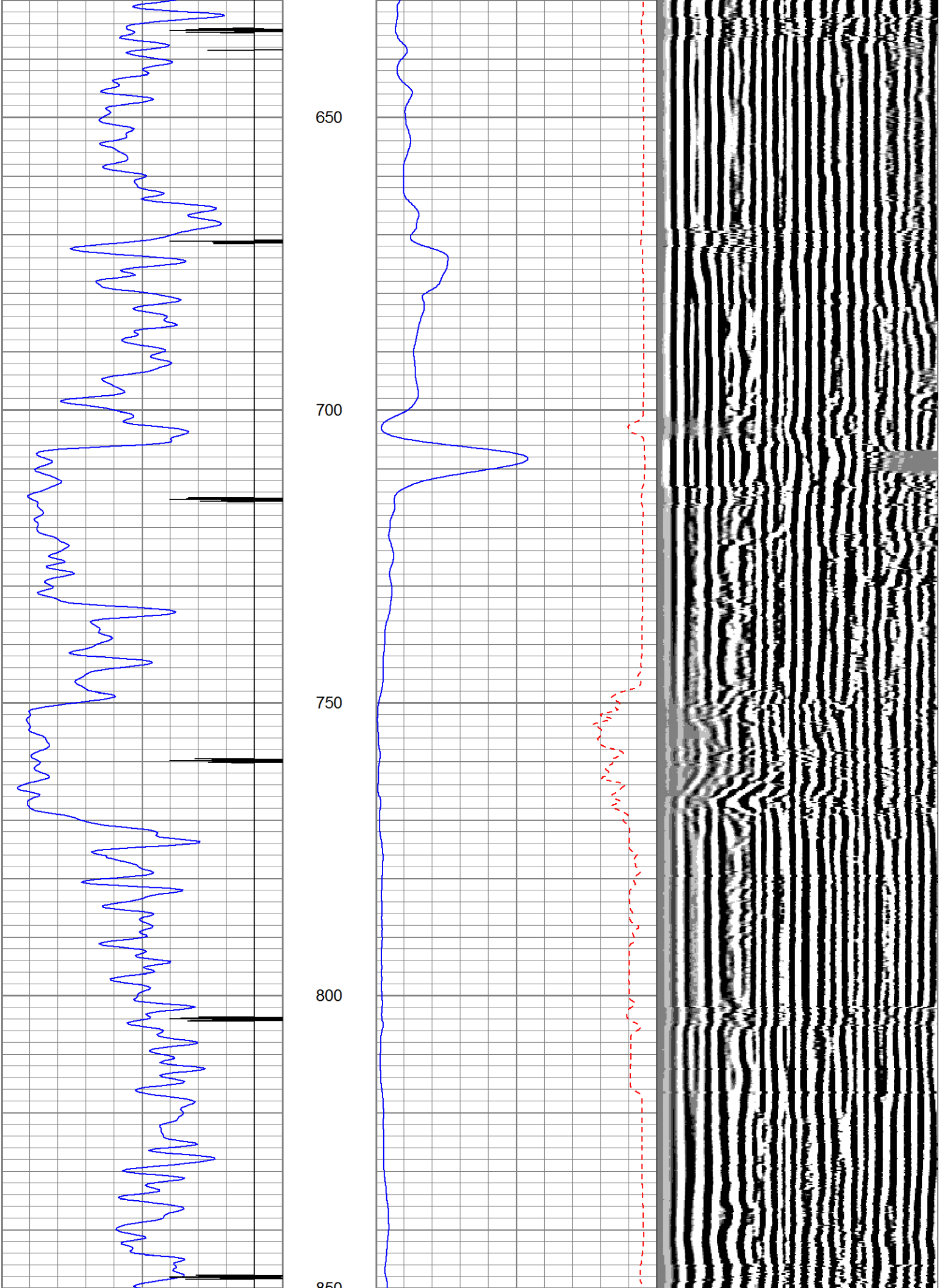


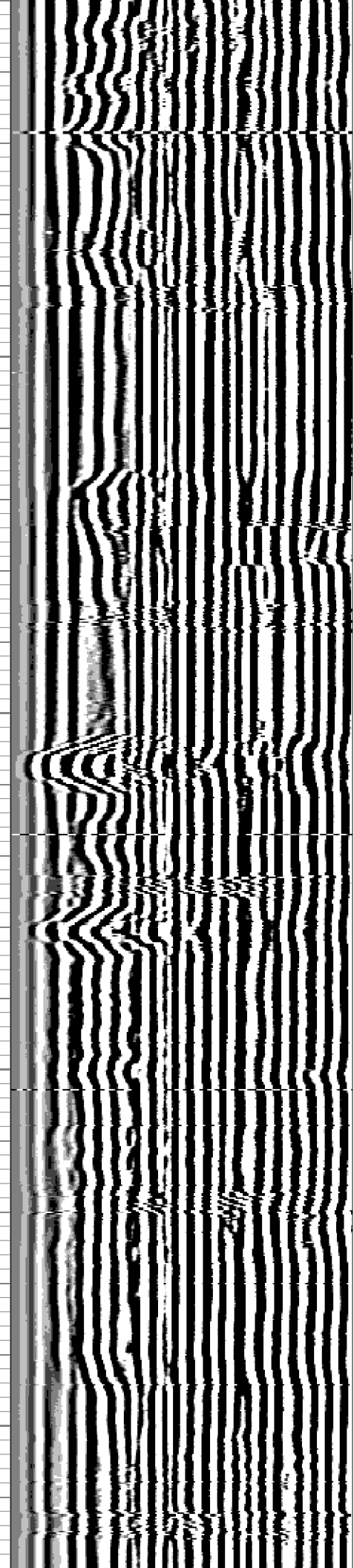
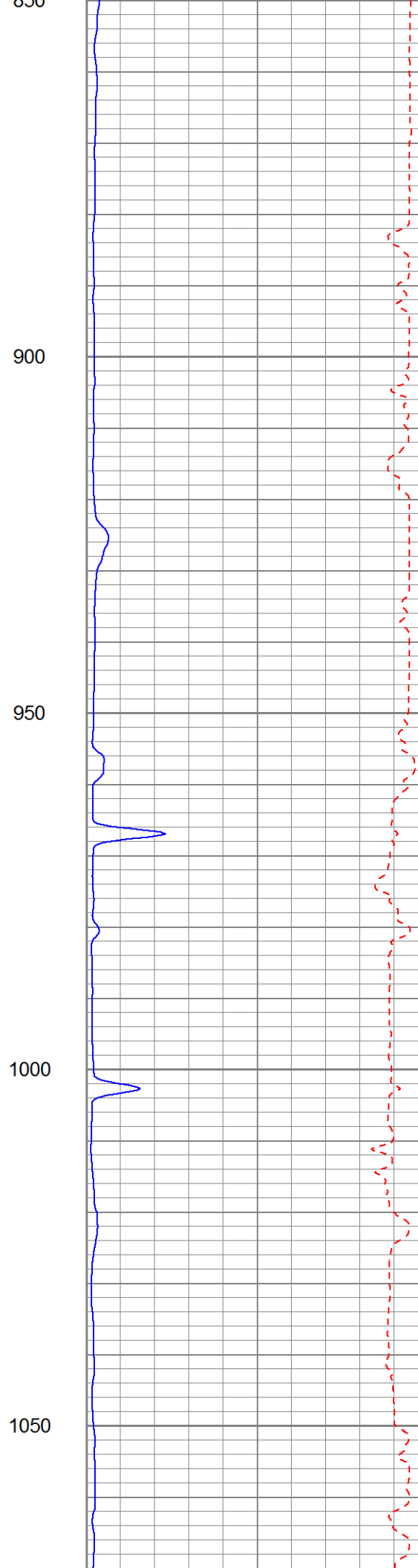
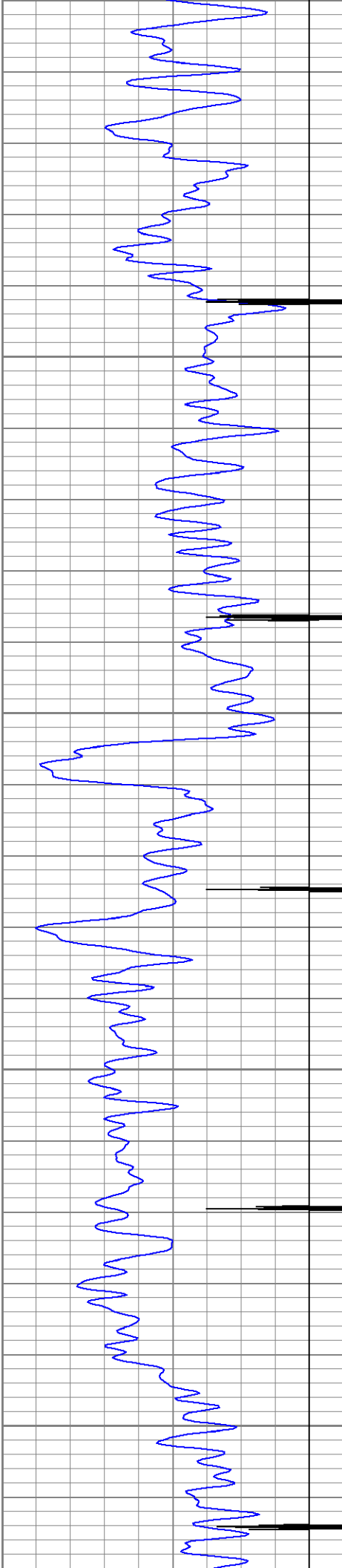
0	GAMMA RAY	150	0	AMPLITUDE (mV)	100	200	VDL	1200
-9	COLLAR LOCATOR	1	1200	TRAVEL TIME (usec)	200			

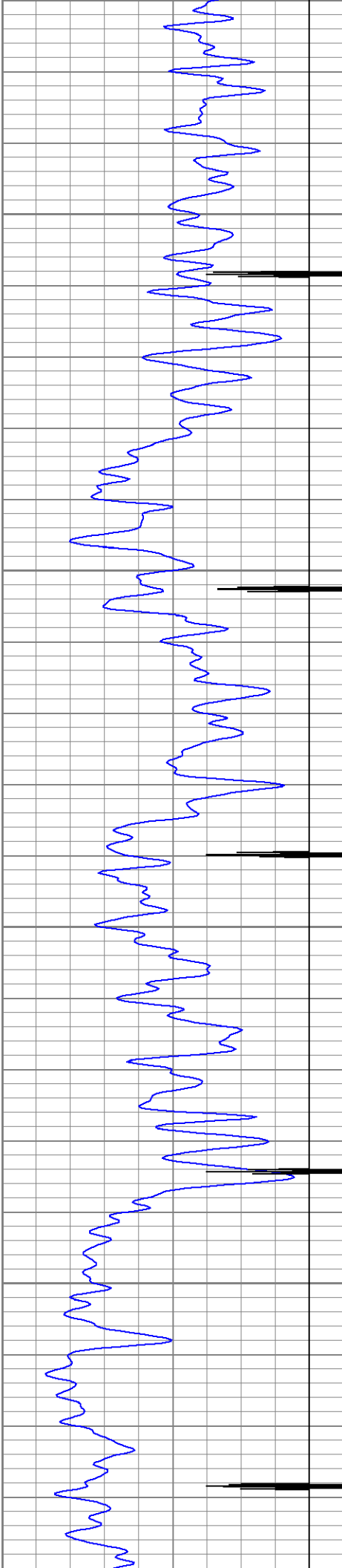










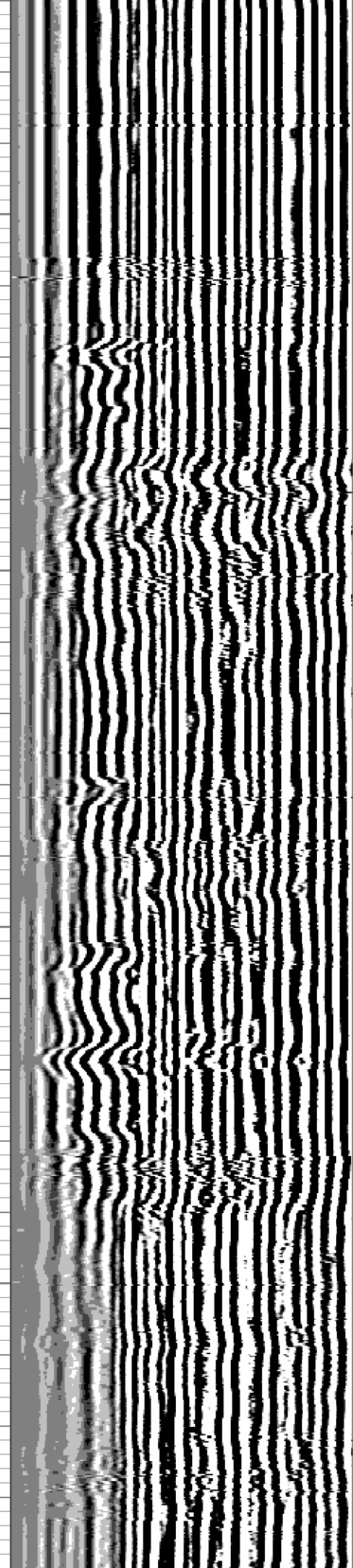
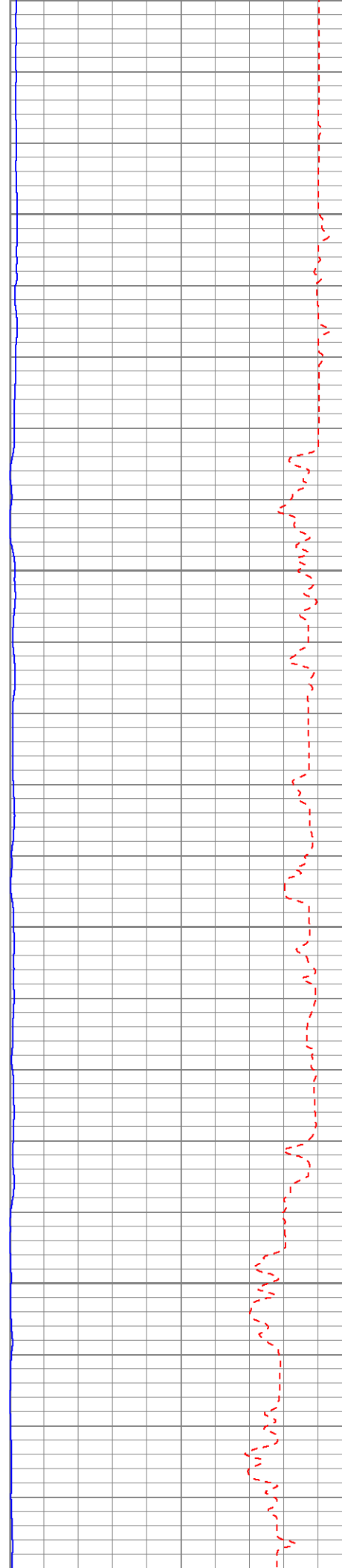


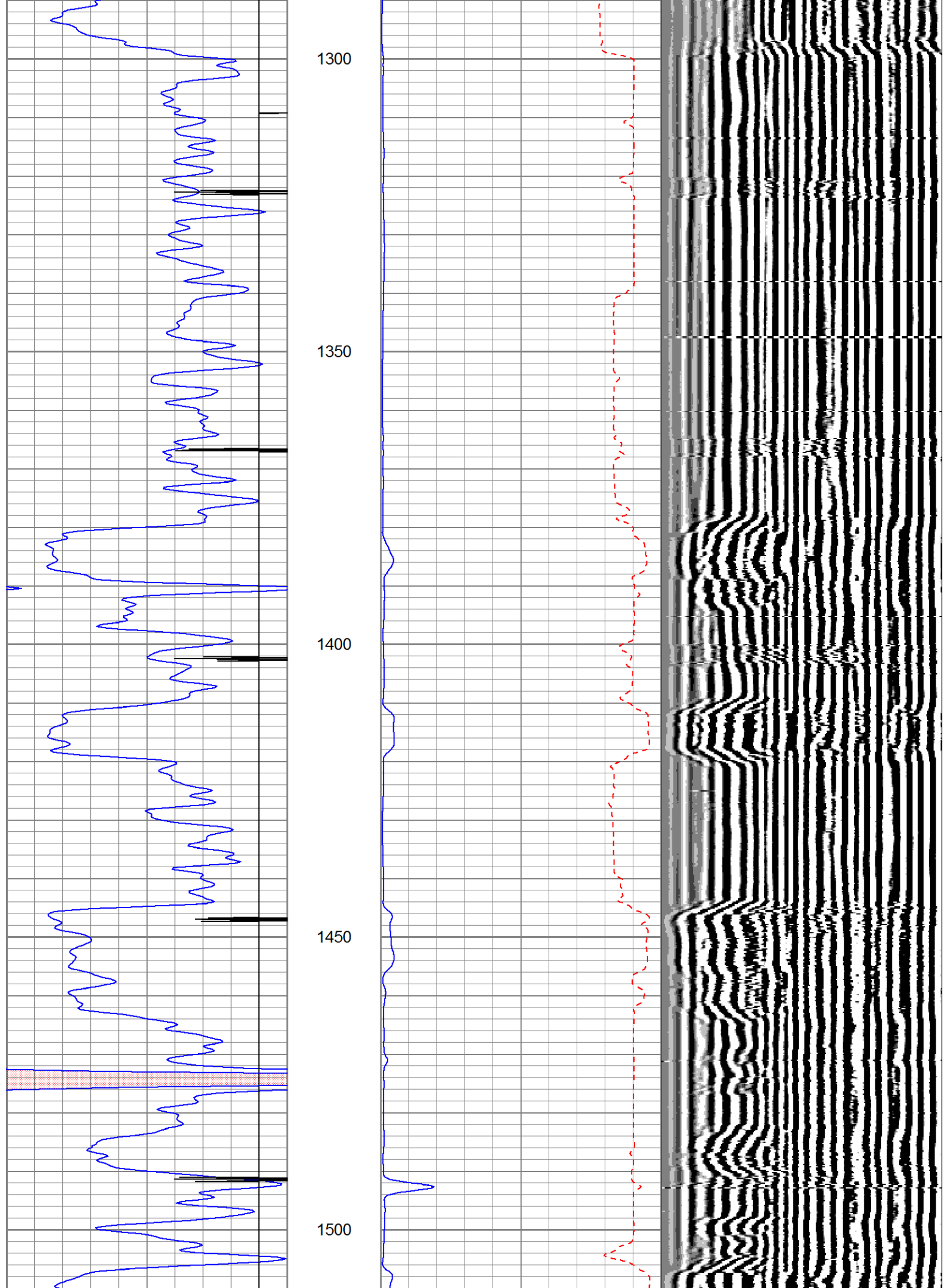
1100

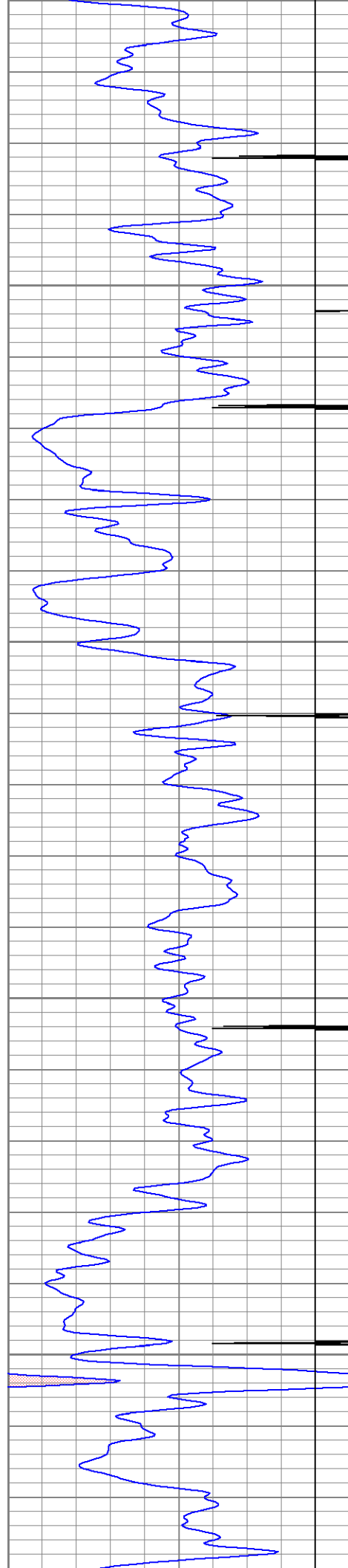
1150

1200

1250





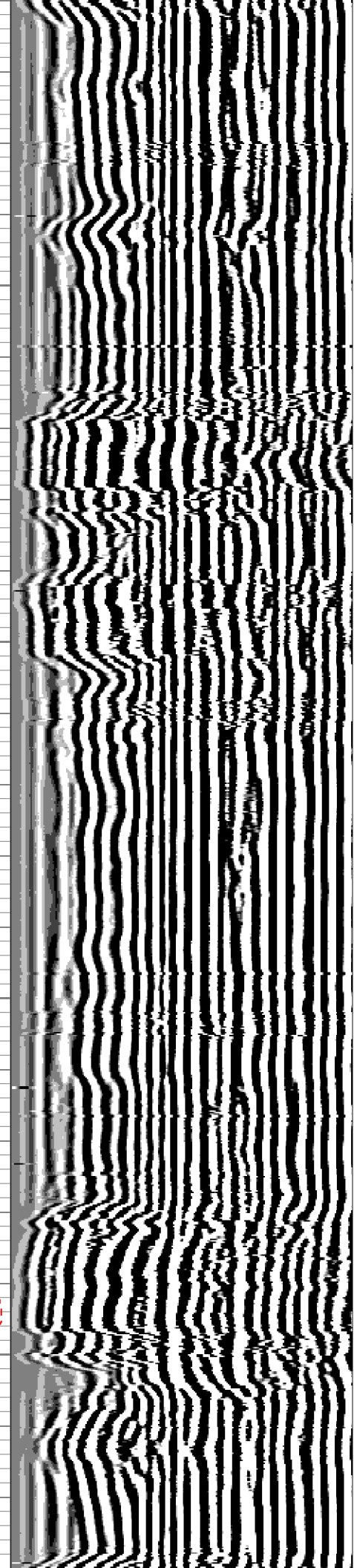
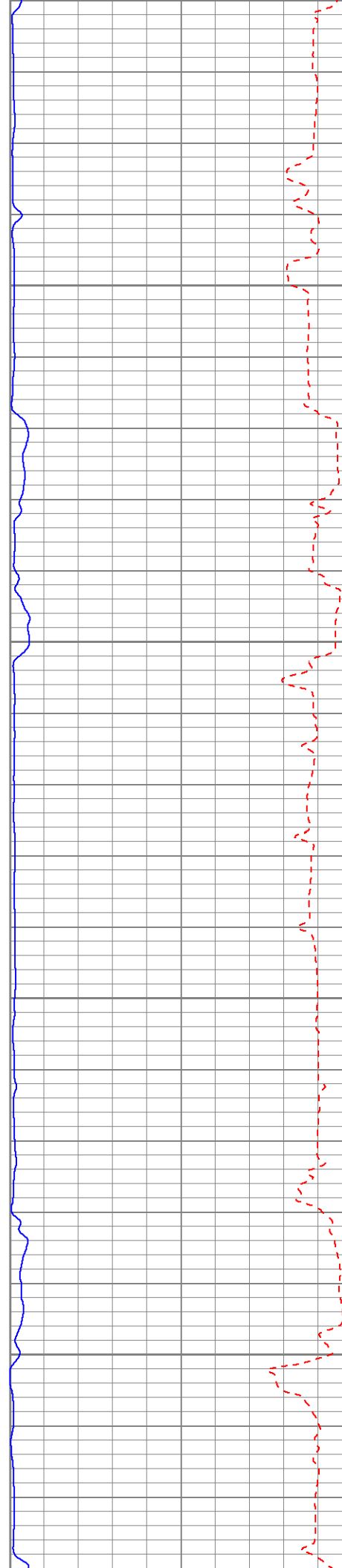


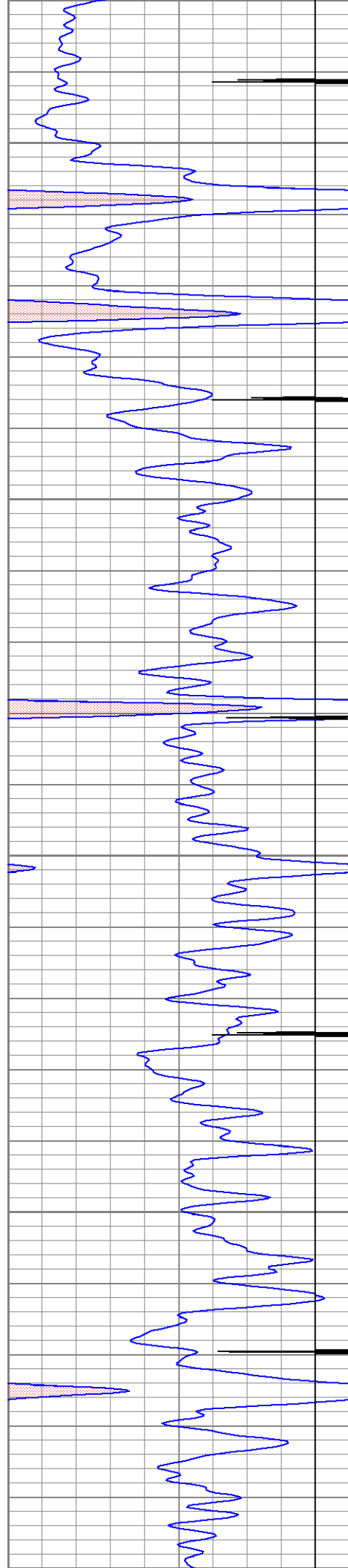
1550

1600

1650

1700





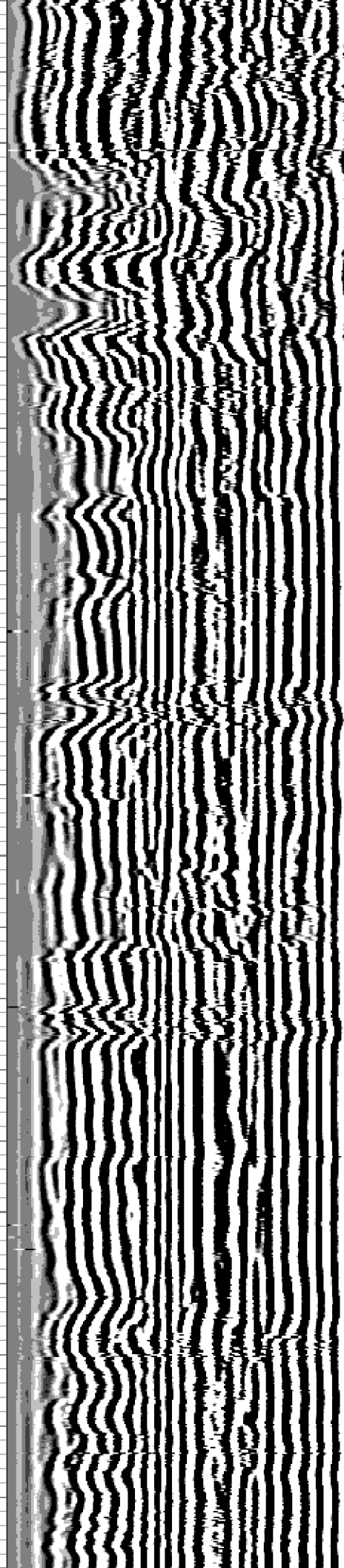
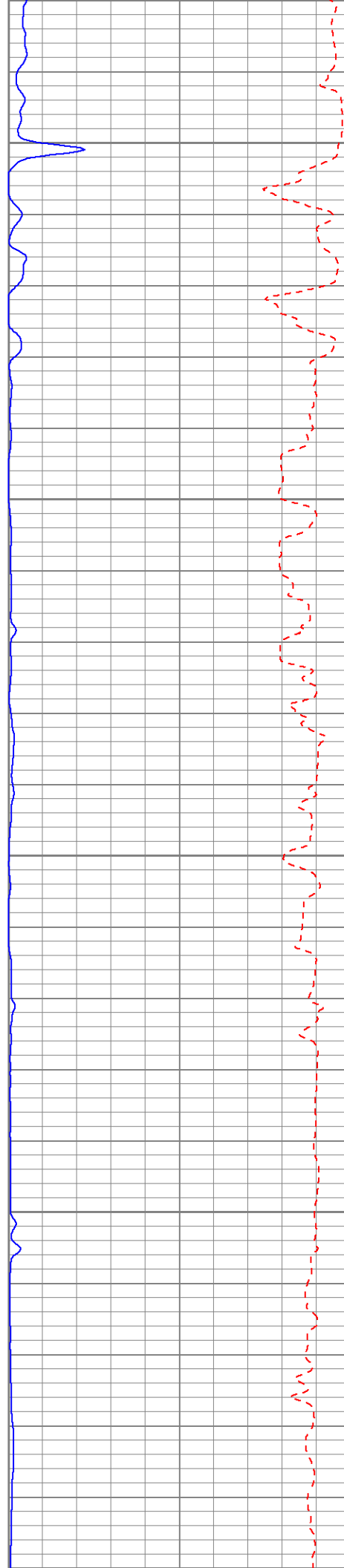
1750

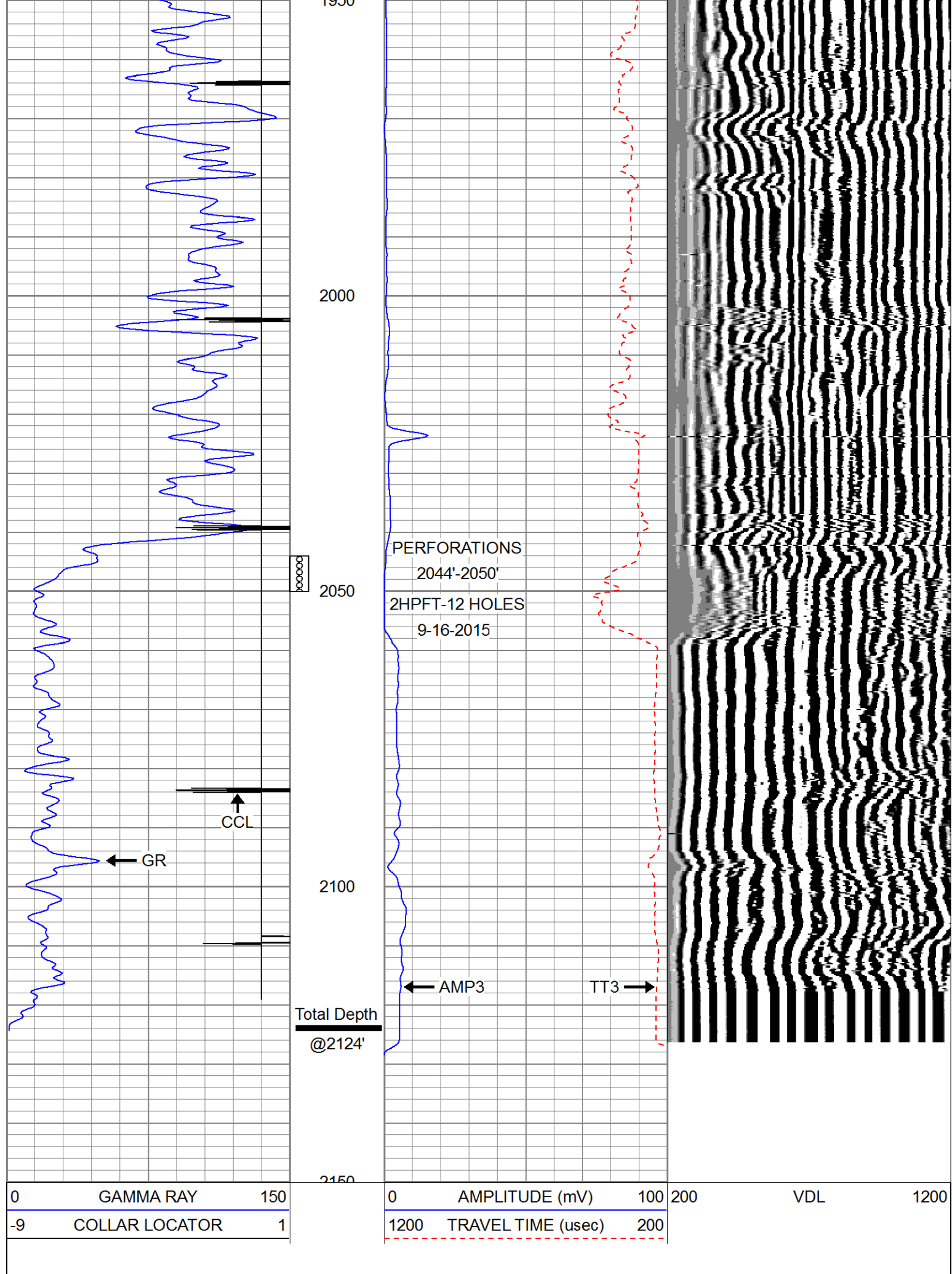
1800

1850

1900

1950





Calibration Report

Database File: sm#4509.db
 Dataset Pathname: leniton10/run1/pass7.1A
 Dataset Creation: Wed Sep 16 09:56:51 2015

Cement Bond Log Calibration Report

Serial Number: SIE3_1/4
 Tool Model: SIE31/4
 Performed: Wed Sep 16 09:01:54 2015

Depth: 2014.67 ft
 Casing Diameter: 5.5 in

3' Spacing

Signal Zero: 1 mV
 Calibrated Amplitude: 71.921 mV
 Reading at Signal Zero: 0.0272461 V
 Reading in Free Pipe: 1.41328 V

Gain: 60
 Offset: -0.394136

Gamma Ray Calibration Report

Serial Number: SIE3_001
 Tool Model: SIE3125
 Performed: Thu Nov 20 09:25:02 2014

Calibrator Value: 1.0

Background Reading: 3.8 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 4.4000 /cps