



SECTOR BOND LOG

Company		PATTERSON ENERGY	
Well		T.S. LEIKER #16	
Field		LEIKER EAST	
County		ELLIS	
State		KS	
Location:		API # : 15-051-27144	
SEC 13 TWP 15S RGE 18W		1233' FNL & 2210' FWL	
Permanent Datum		Ground Level	
Log Measured From		KB 8' AGL	
Drilling Measured From		KB	
Elevation		2002	
Other Services			
Date		8/10/26	
Run Number		One	
Depth Driller		3844	
Depth Logger		3621	
Bottom Logged Interval		3619	
Top Log Interval		2500	
Open Hole Size		7 7/8"	
Type Fluid		Water	
Density / Viscosity		////	
Max. Recorded Temp.		////	
Estimated Cement Top		2650	
Time Well Ready		R.O.A	
Time Logger on Bottom		8:30 AM	
Equipment Number		T-118	
Location		Hays, KS	
Recorded By		COLBY DREILING	
Witnessed By		ALEX STURGEON	
Borehole Record		Tubing Record	
Run Number		Bit	
From		To	
Size		Weight	
From		To	
Casing Record		Size	
Surface String		8 5/8"	
Prot. String		5.5"	
Production String		Liner	

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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

SOUTH OUT OF HAYS ON HW 183, EAST ON NORFOLK RD 2 1/4 MILES, SOUTH INTO.

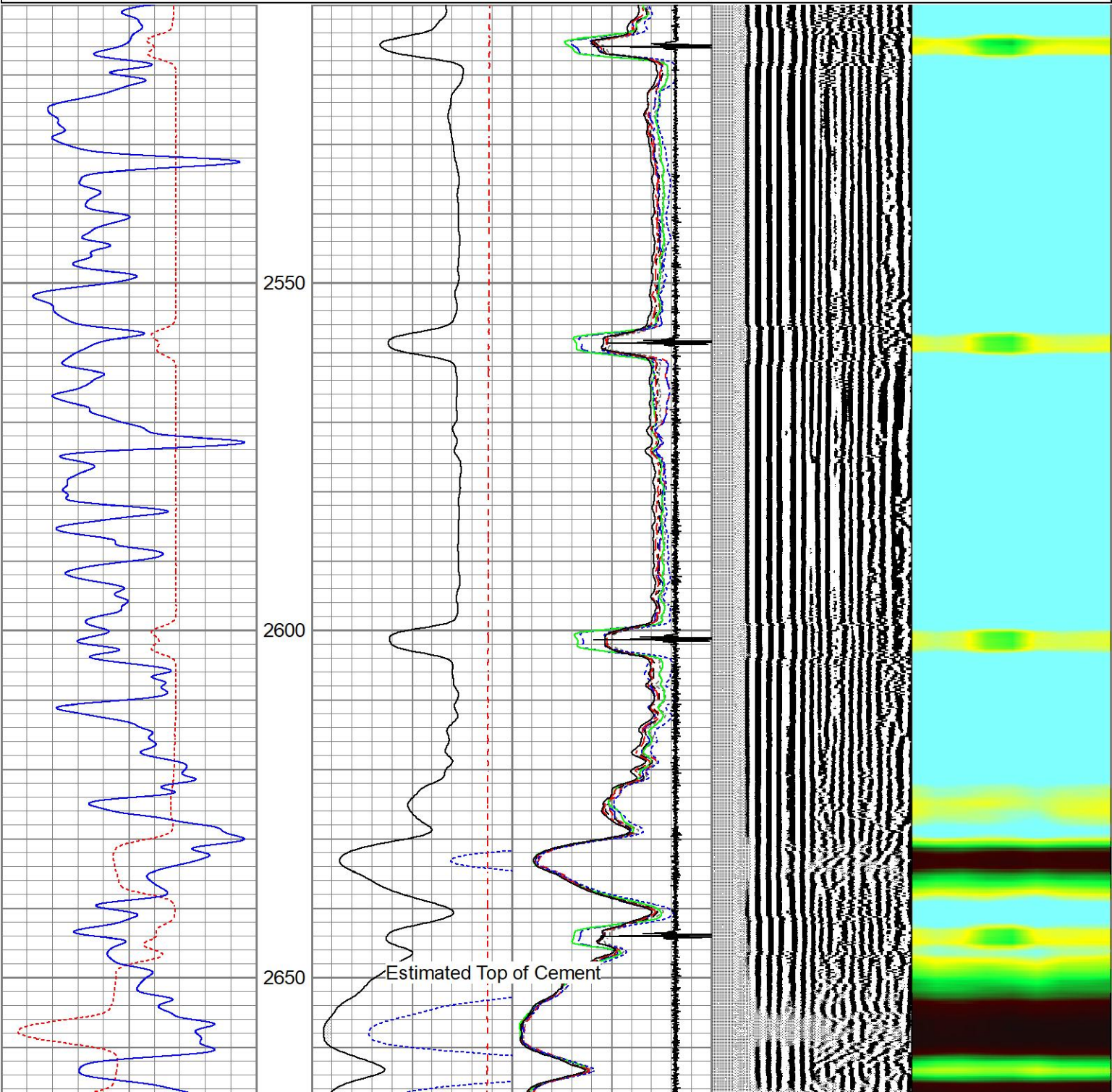
Thanks for using Gemini Wireline LLC
785-625-1182

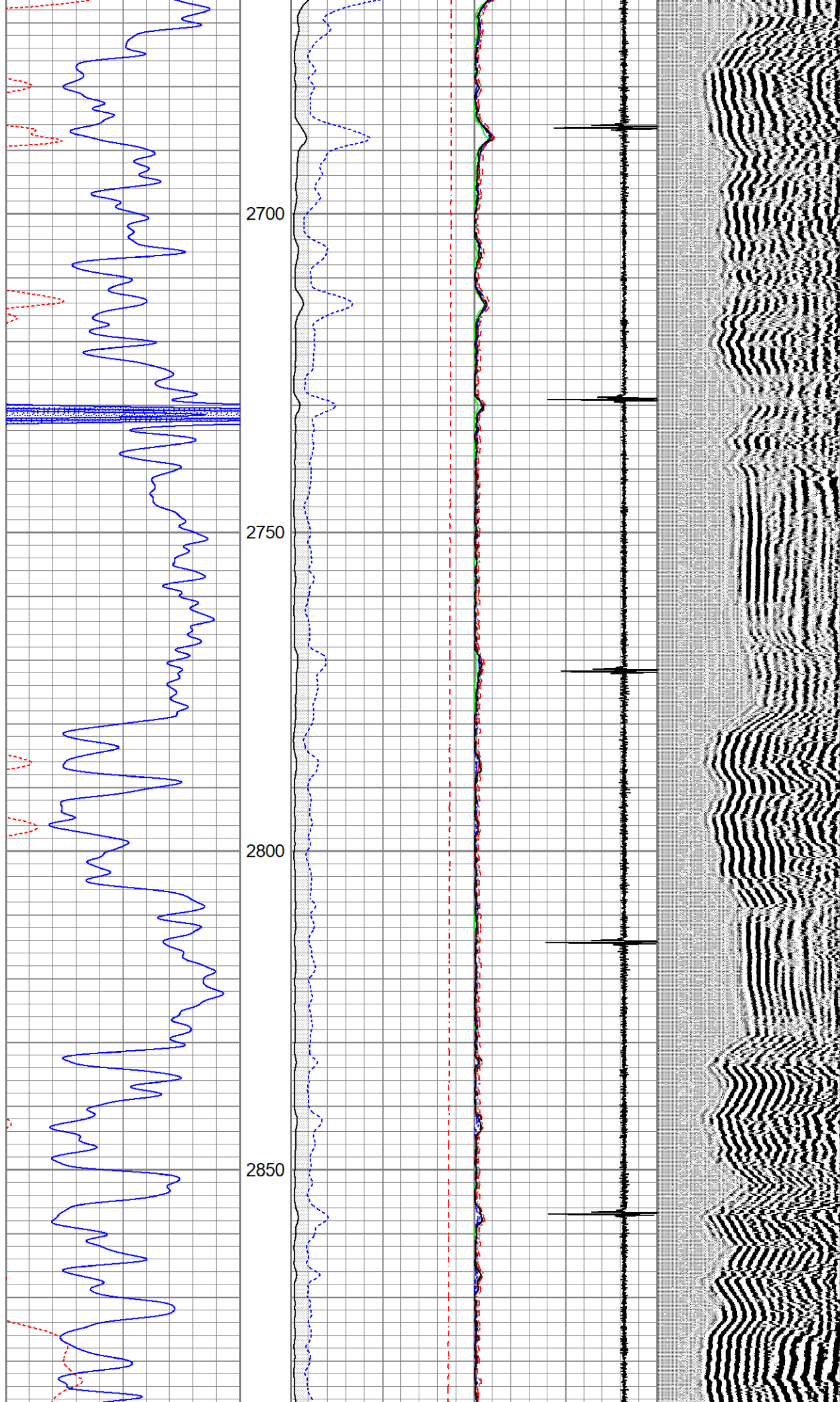


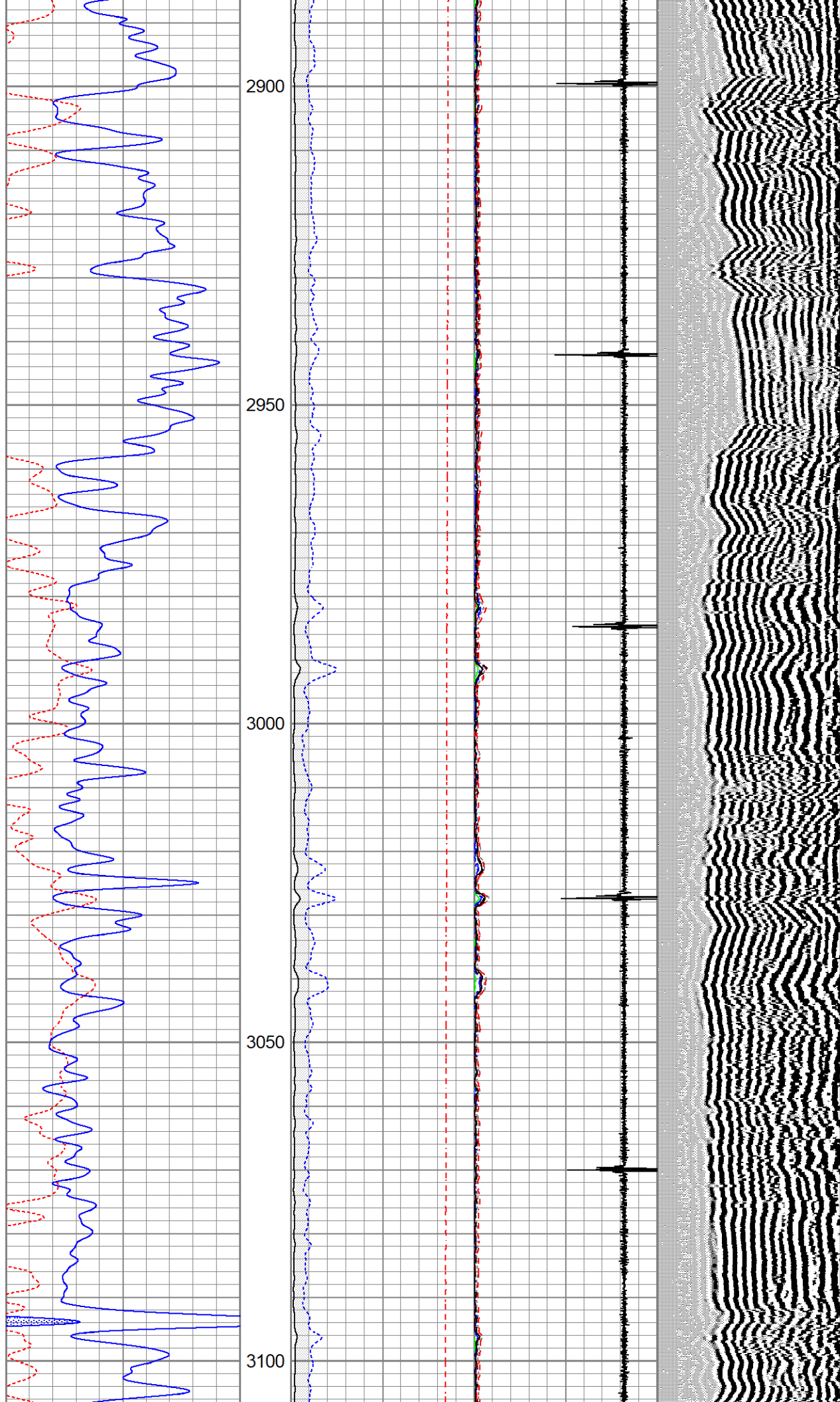
MAIN PASS

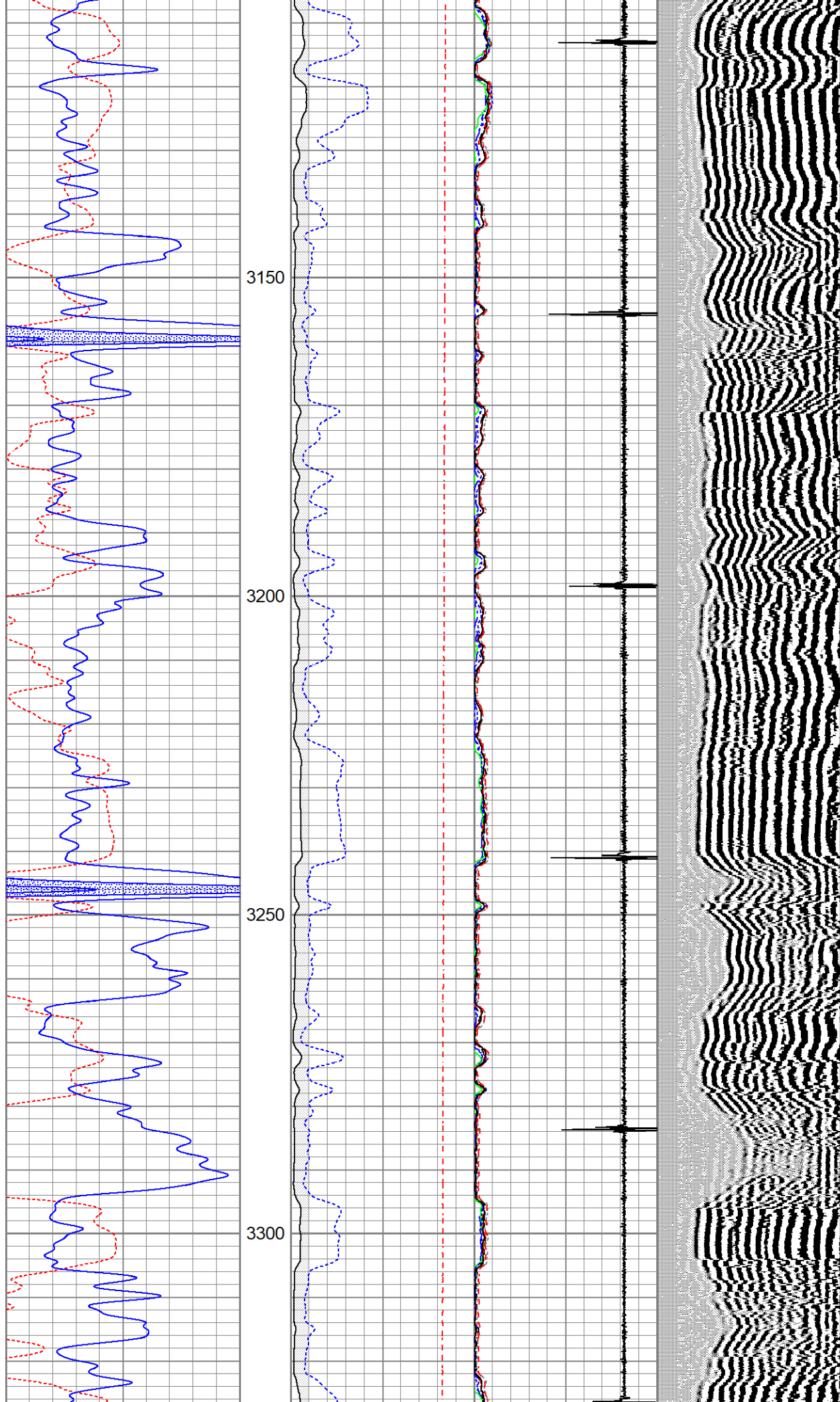
Database File	petsleiker#16cblsec.db
Dataset Pathname	pass50.2
Presentation Format	kssectorco
Dataset Creation	Mon Aug 10 09:22:59 2026
Charted by	Depth in Feet scaled 1:240

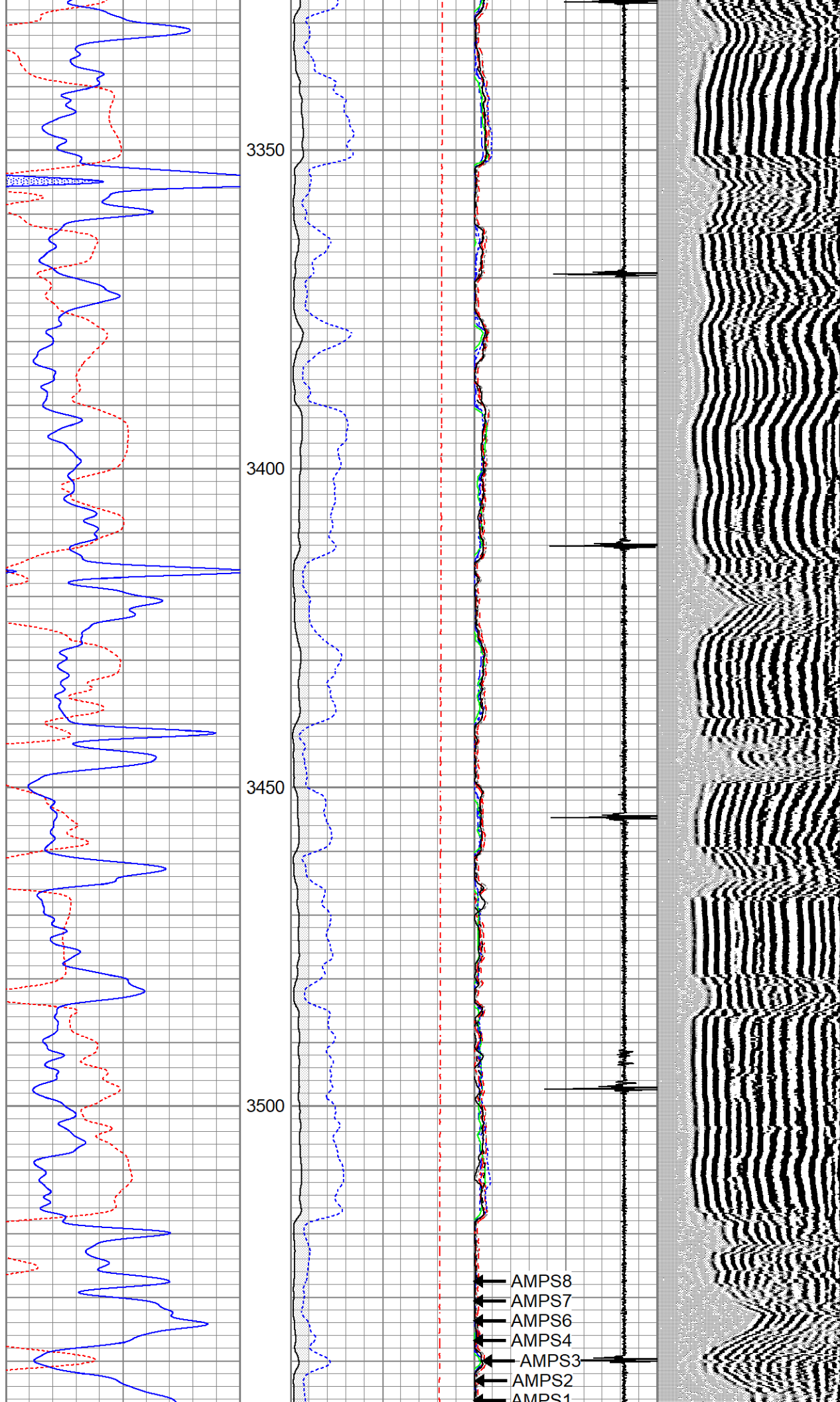
400	TT (usec)	200	0	AMP3FT (mV)	100	0	AMPS2	100	200	VDL (usec)	1200	1	Cement Map	8
0	GR (GAPI)	150	Amplified Amplitude		0	0	AMPS3	100						
			0	(mV)	20	0	AMPS4	100						
			1800	LTEN (lb)	200	0	AMPS5	100						
						0	AMPS6	100						
						0	AMPS7	100						
						0	AMPS8	100						
						0	AMPS1	100						
						9	CCL	-2						

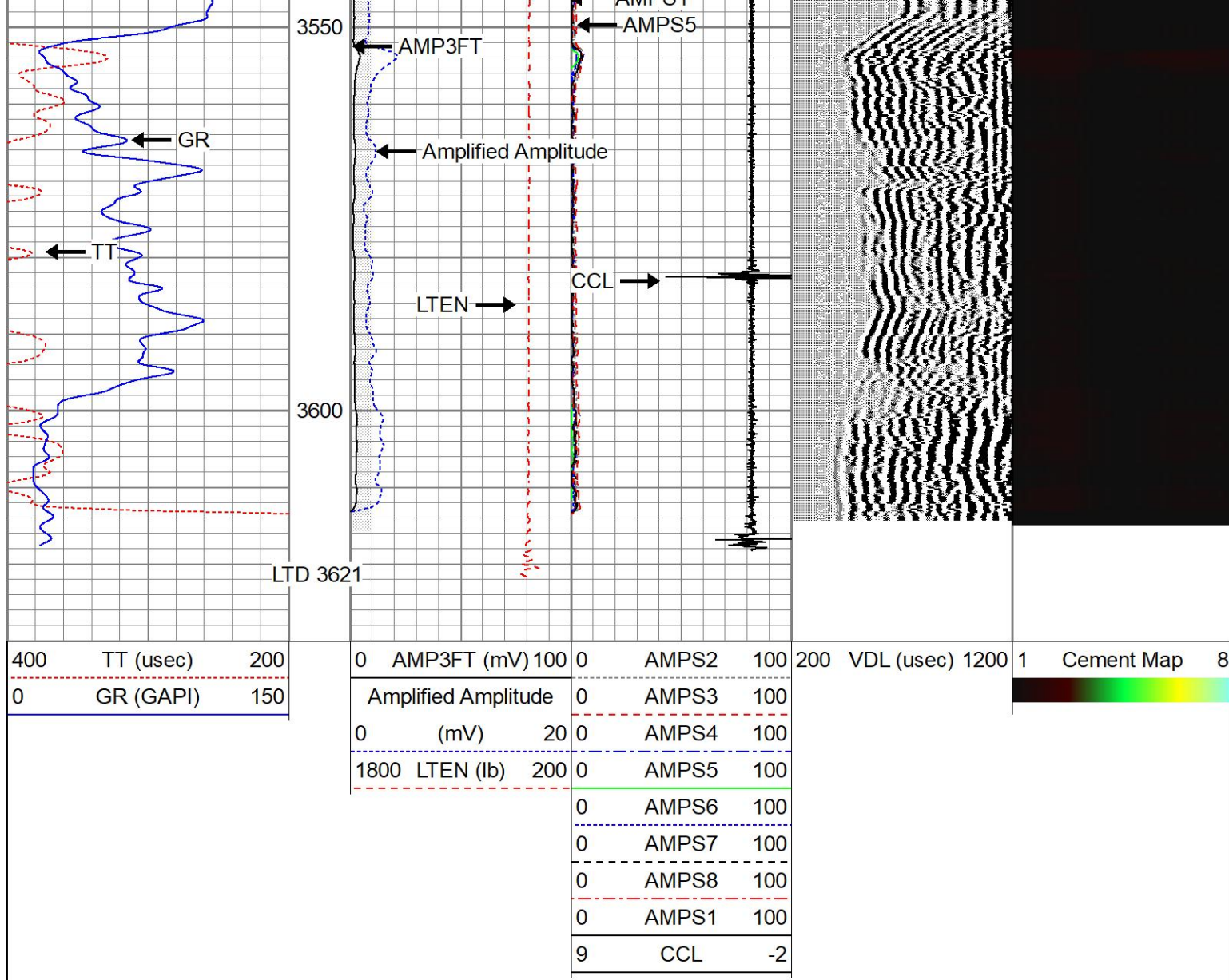






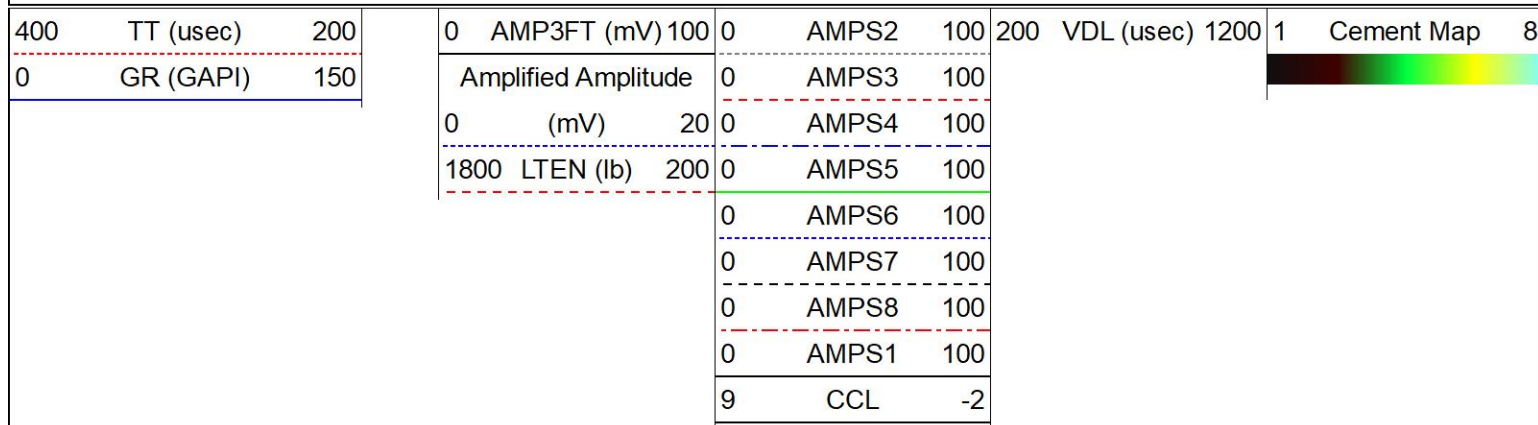






REPEAT SECTION

Database File: petsleiker#16cblsec.db
 Dataset Pathname: pass4.1
 Presentation Format: kssectorco
 Dataset Creation: Mon Aug 10 08:59:08 2026
 Charted by: Depth in Feet scaled 1:240



Calibrator Reading:	222.7	cps
Sensitivity:	1.4000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	100424	
Tool Model:	RBL-D	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	1915.774	ft

Master Calibration, performed Mon Aug 10 08:43:59 2026:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.057	0.724	1.300	71.921	95.886	-4.695
CAL	0.057	1.562				
5'	0.056	0.434	1.300	71.921	177.238	-9.269
SUM						
S1	0.056	0.771	0.000	71.921	85.631	-5.664
S2	0.057	0.920	0.000	71.921	93.315	-4.740
S3	0.057	1.089	0.000	71.921	89.674	-3.968
S4	0.056	0.954	0.000	71.921	70.150	-4.526
S5	0.056	0.730	0.000	71.921	68.830	-6.025
S6	0.056	0.732	0.000	71.921	91.438	-6.007
S7	0.056	0.767	0.000	71.921	96.169	-5.698
S8	0.057	0.772	0.000	71.921	90.539	-5.688

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S8	0.057	0.772	0.000	71.921	90.539	-5.688

Air Zero Calibration, performed Tue Nov 18 10:31:34 2025:			
	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

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5'	0.000	0.000	0.000
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S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000