



CEMENT BOND LOG

Company Patterson Energy
Well Rogers #1
Field Kraft-Prusa
County Barton State Kansas

Location: API #: 15 009 25472 00 01
400' FNL & 1650' FWL
SEC 33 TWP 16S RGE 11W
Permanent Datum Ground Level Elevation 1910'
Log Measured From KB 8' AGL
Drilling Measured From KB
Other Services
PERF
MAST
Elevation
K.B. 1917'
D.F. 1916'
G.L. 1909'

Date	5/28/21
Run Number	One
Depth Driller	3430'
Depth Logger	3394'
Bottom Logged Interval	3392'
Top Log Interval	2300'
Open Hole Size	7 7/8"
Type Fluid	Water
Density / Viscosity	8.9/28
Max. Recorded Temp.	////
Estimated Cement Top	2460'
Time Well Ready	R.O.A
Time Logger on Bottom	2:30 p.m
Equipment Number	T-118
Location	Hays, KS.
Recorded By	Casey Patterson
Witnessed By	Mr Zach Patterson

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size			Wgt/Ft	Top		Bottom
Surface String	8 5/8"			23#	0'		419'
Prot. String							
Production String	5 1/2"			17#	0'		3428'
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

Clafin,KS North on 130 Ave/3rd St for 7 mi to 180 Rd.,
Then West on 180 Rd 1/2 mi. South Into Location

LATITUDE/LONGITUDE
38.6223173, -98.547651

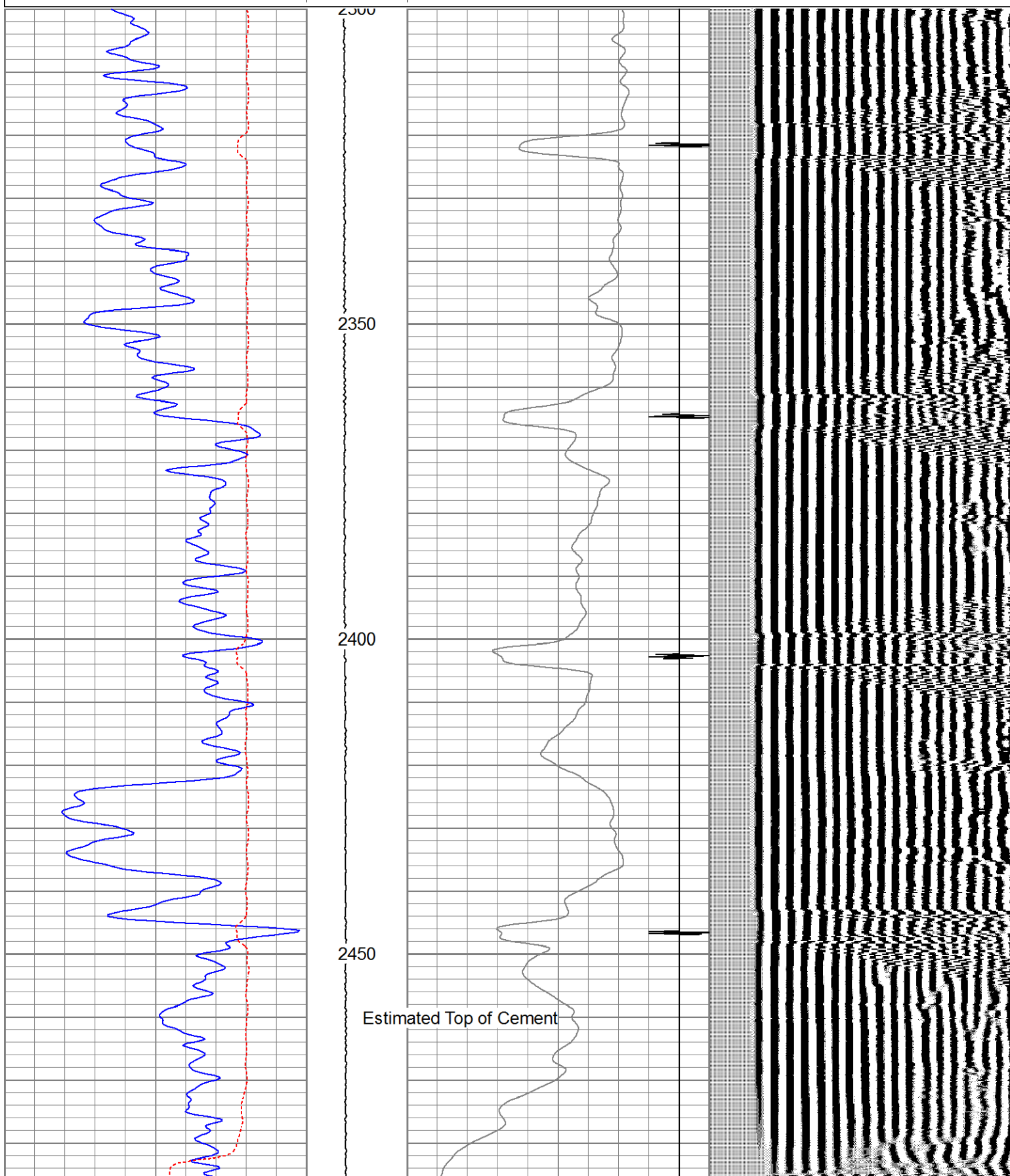
Thanks for using Gemini Wireline LLC
785-625-1182

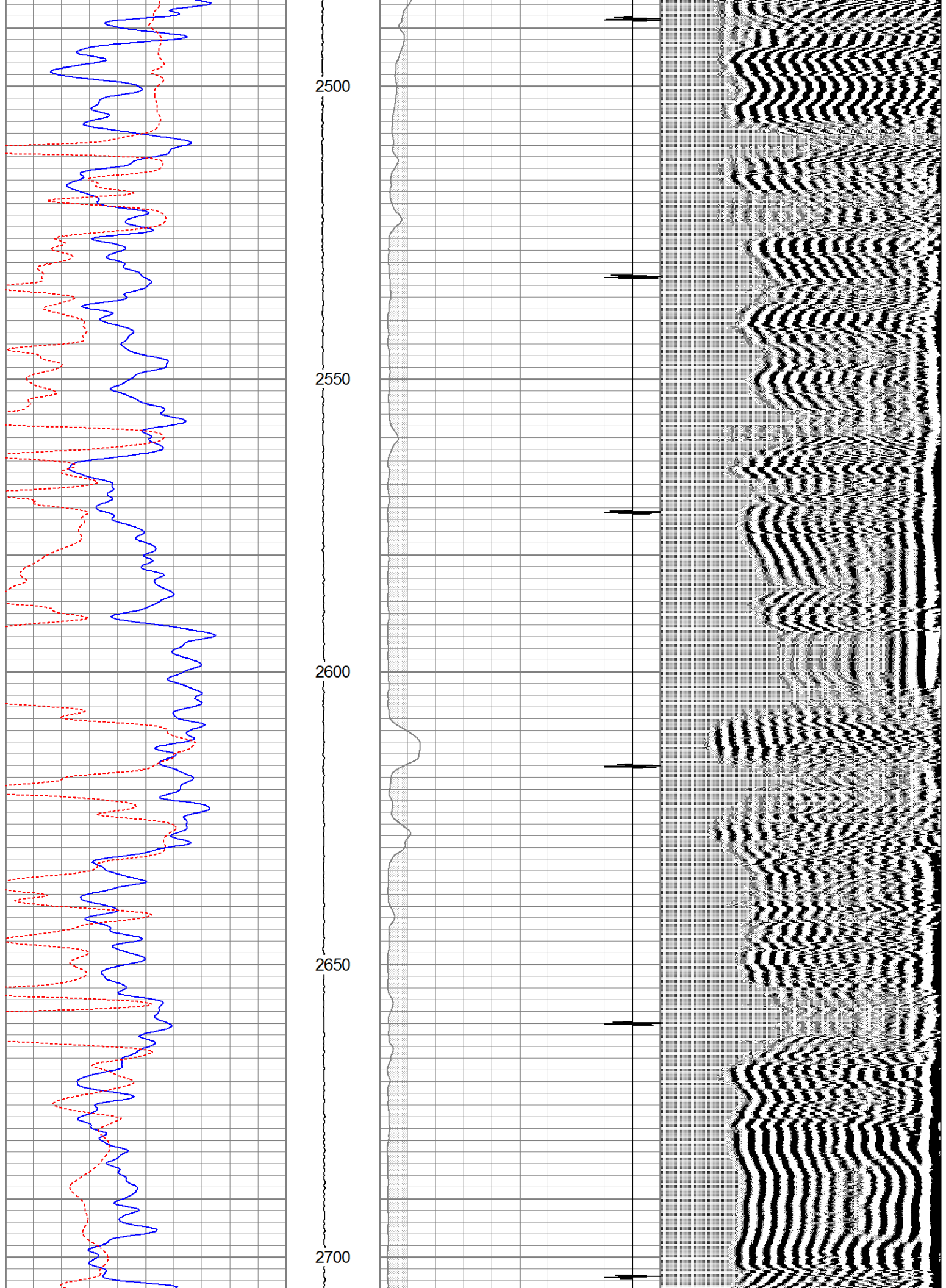


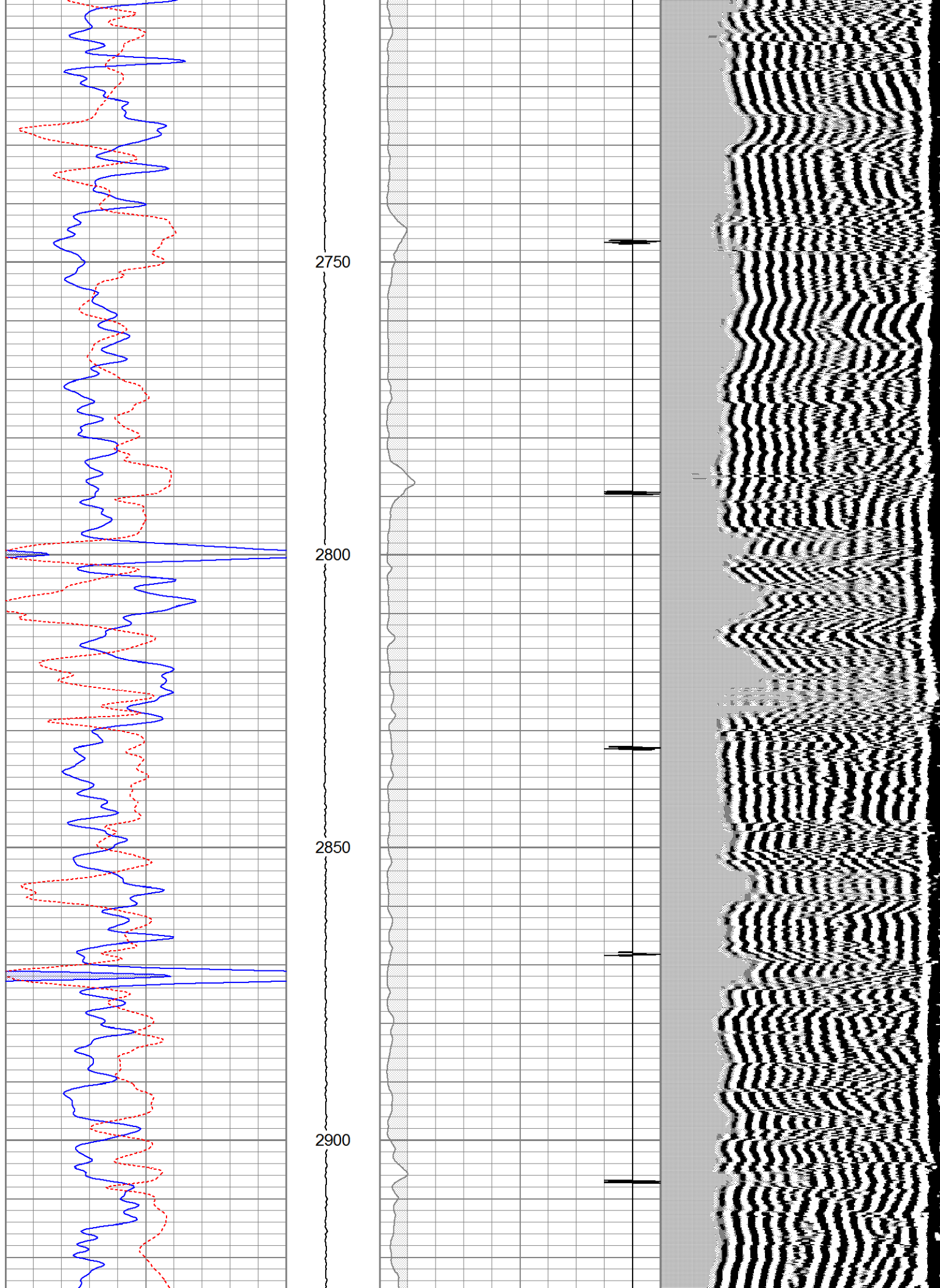
MAIN PASS

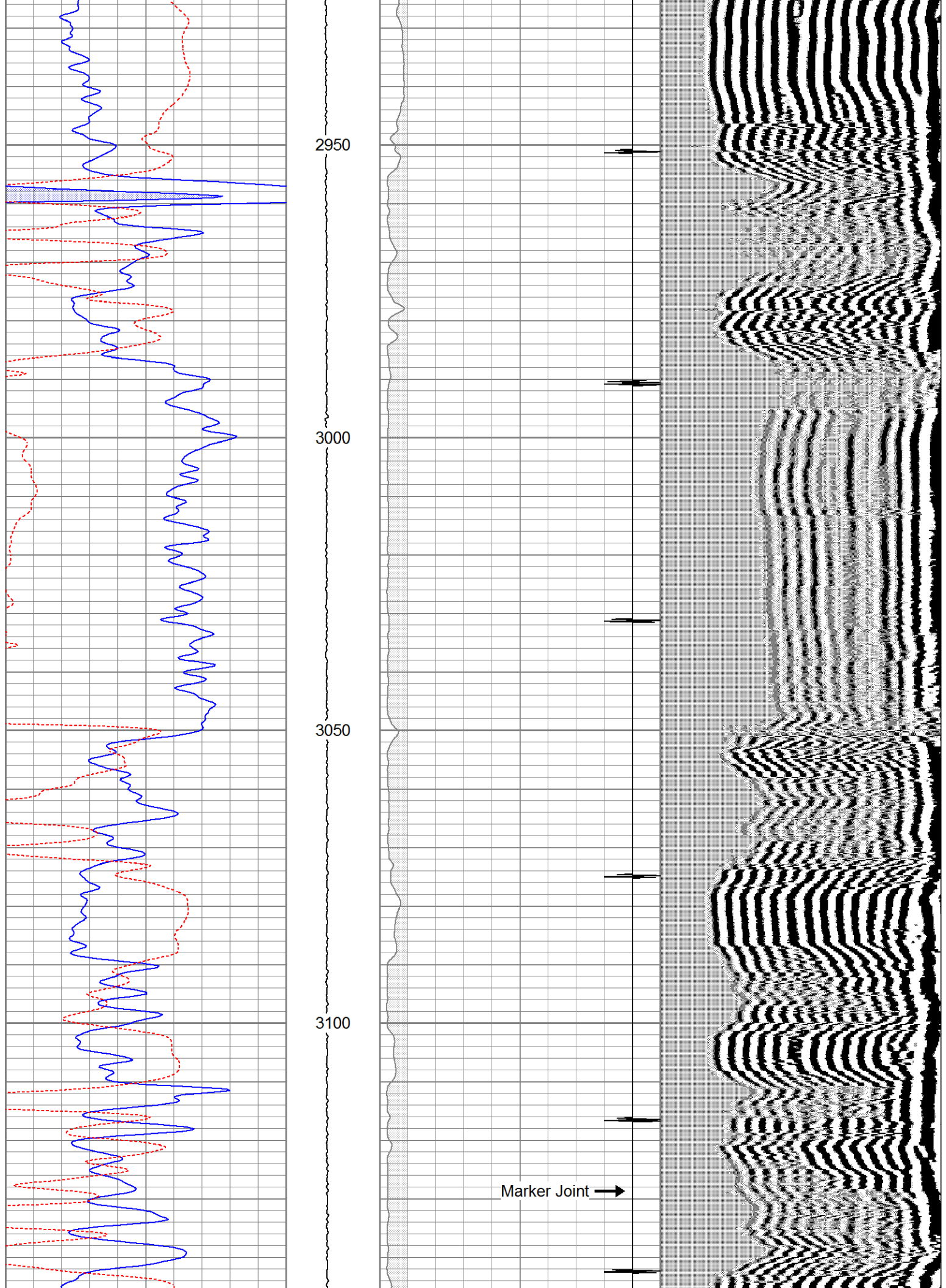
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Dataset Pathname pass2
Presentation Format cbl
Dataset Creation Wed Jun 09 14:35:28 2021
Charted by Depth in Feet scaled 1:240

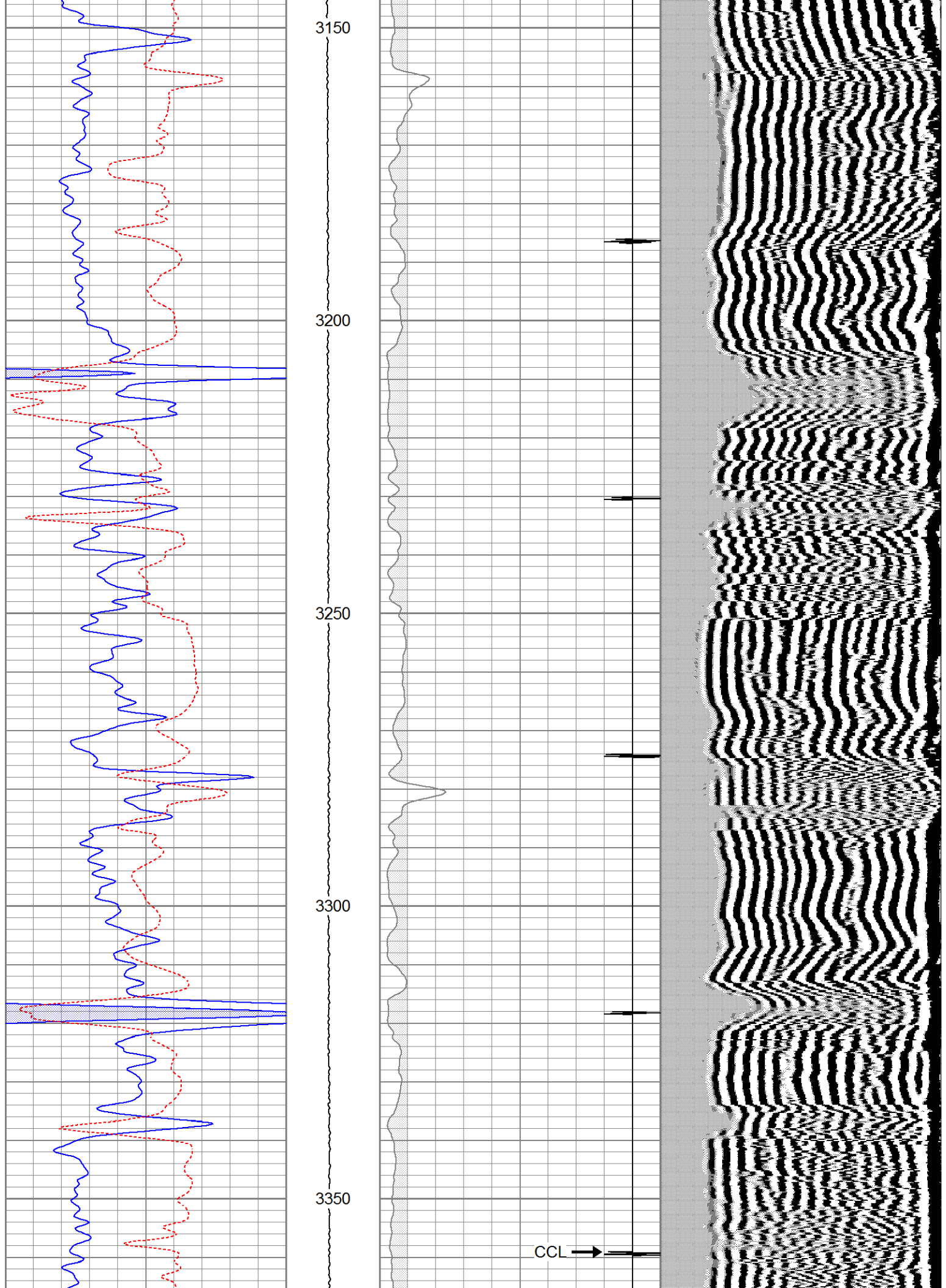
0	GR (GAPI)	150	LTEN	18	CCL	-2	200	VDL (usec)	1200
150	GR (GAPI)	300	(lb)	0	AMP3FT (mV)	100			
400	TT3FT (usec)	200	-100 2100						

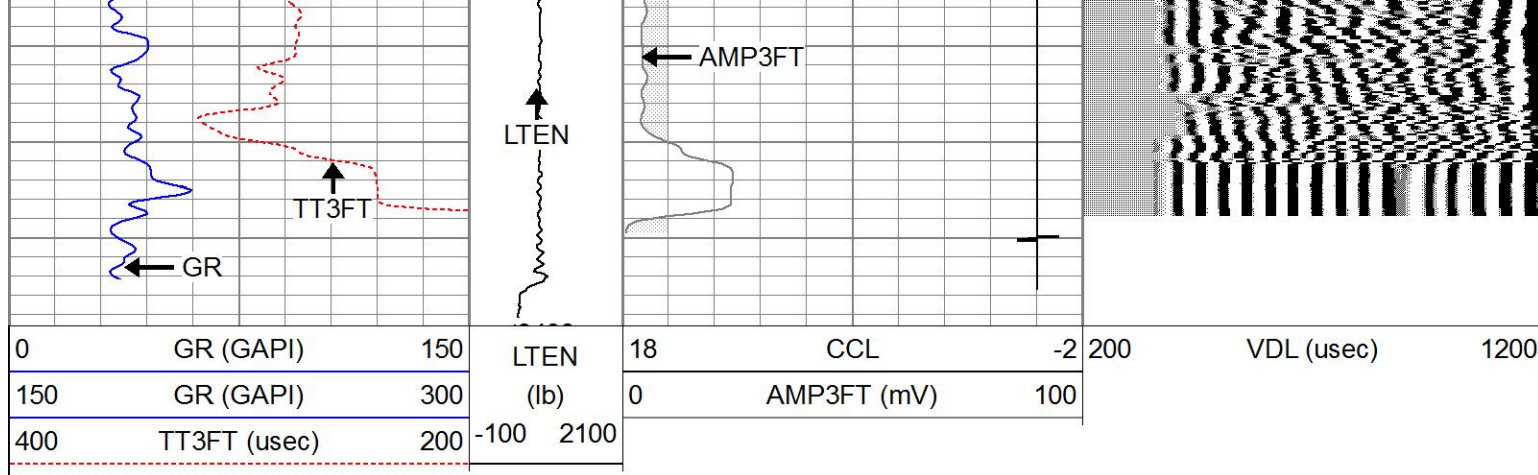








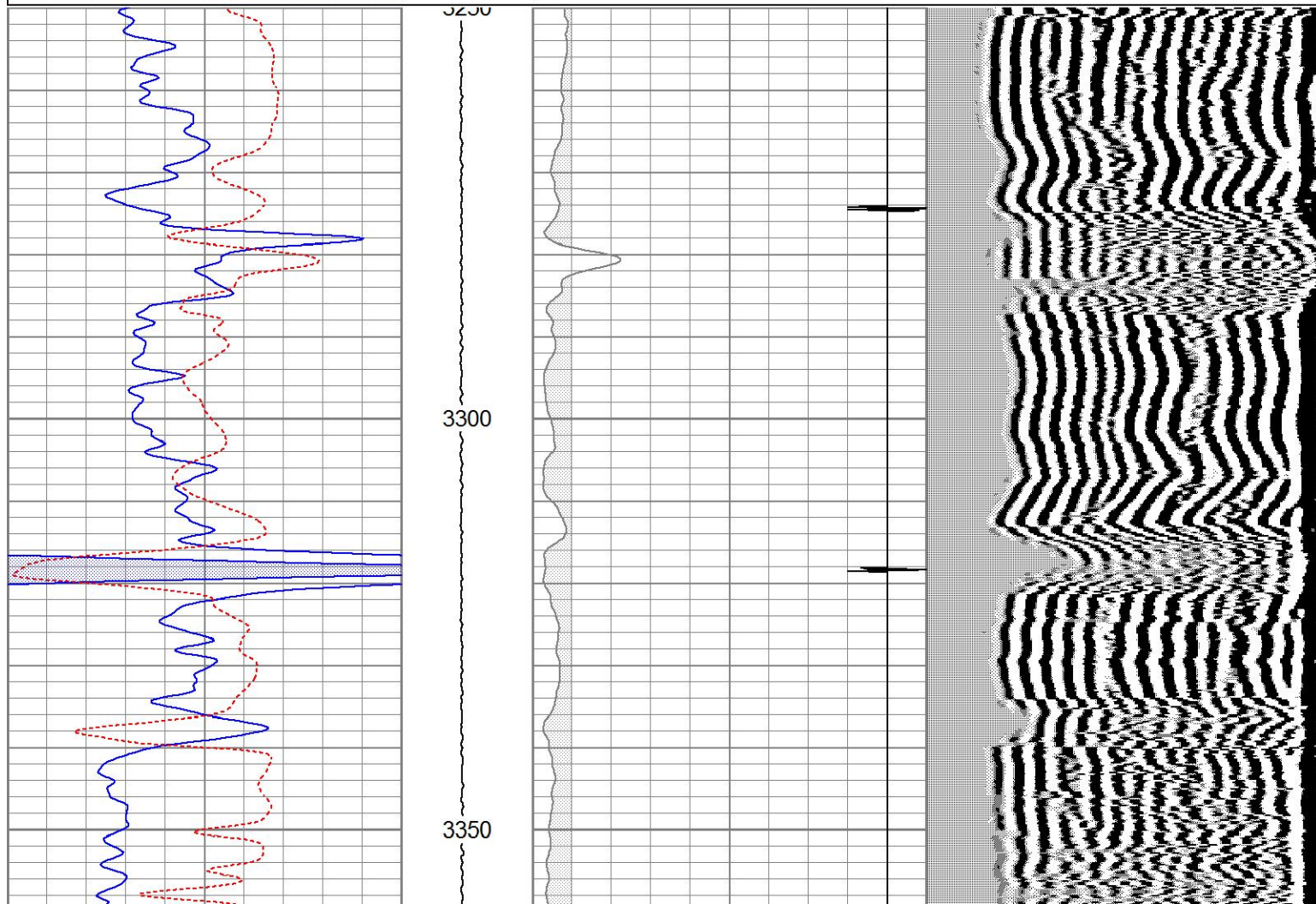


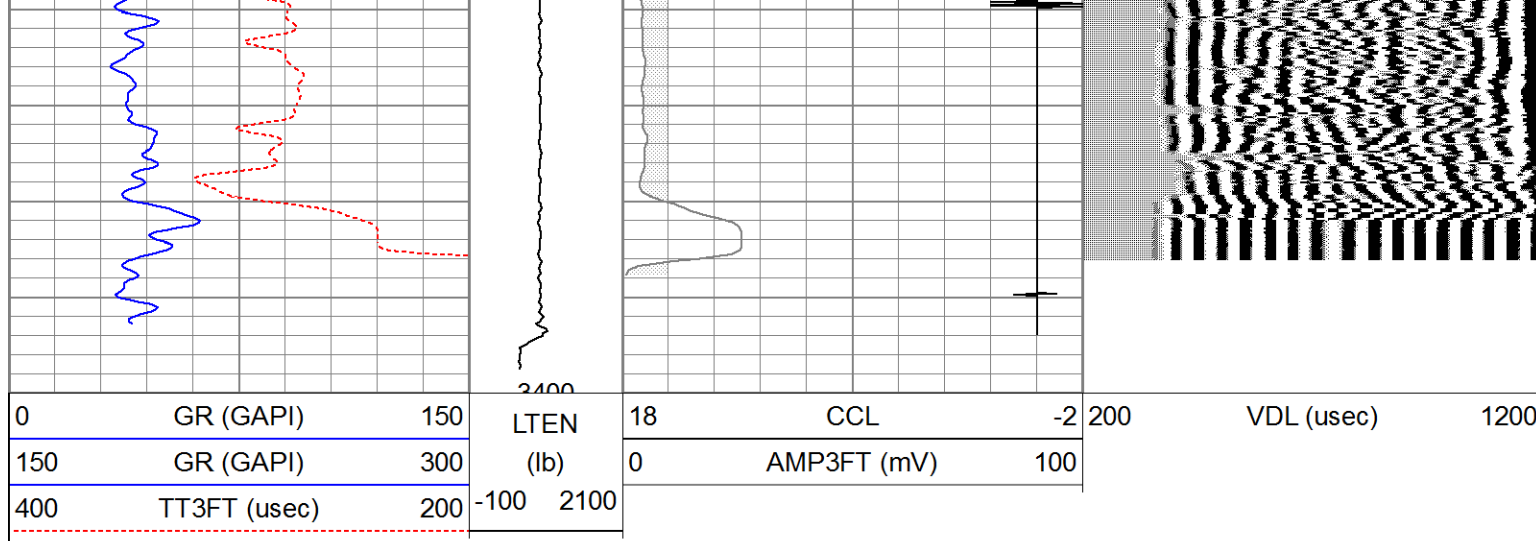


REPEAT SECTION

Database File perogers#1cbl.db
 Dataset Pathname pass1
 Presentation Format cbl
 Dataset Creation Wed Jun 09 14:30:24 2021
 Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150	LTEN	18	CCL	-2	200	VDL (usec)	1200
150	GR (GAPI)	300	(lb)	0	AMP3FT (mV)	100			
400	TT3FT (usec)	200	-100 2100						





Calibration Report

Gamma Ray Calibration Report

Segmented Cement Bond Log Calibration Report

Master Calibration, performed Wed Jun 09 12:42:18 2021:

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL						
Air Zero Calibration, performed Wed Nov 13 08:15:38 2019:						
	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						