GEMINI WIRELINE

CEMENT BOND LOG

Company L&J OIL PRPOERTIES INC
Well HENERY BRUMEISTER 5-2
Field WILDCAT
County BARTON State KANSAS
Location: API # : 15-009-26299-00-00
1702-FNL & 1650 FWL
SEC 2 TWP 17 S RGE 11 W

Company	L&J OIL PRPOERTIES INC
Well	HENERY BRUMEISTER 5-2
Field	WILDCAT
County	BARTON
State	KANSAS

Permanent Datum	GROUND LEVEL Elevation 1914
Log Measured From	9' AGL K.B.
Drilling Measured From	KELLY BUSHING

Other Services: MAST, TRLR

Elevation: K.B. 1923', D.F. 1921', G.L. 1914'

Date	1/28/2021
Run Number	ONE
Depth Driller	3360'
Depth Logger	3315'
Bottom Logged Interval	3313'
Top Log Interval	2000'
Open Hole Size	8.626"
Type Fluid	WATER
Density / Viscosity	////
Max. Recorded Temp.	110 deg.
Estimated Cement Top	2250'
Time Well Ready	8:00 AM
Time Logger on Bottom	8:30 AM
Equipment Number	T-173
Location	HAYS
Recorded By	A.DREILING
Witnessed By	MR KEITH BRIGHT

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
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

LOG CORRELATED TO ELI. DUAL INDUCTION

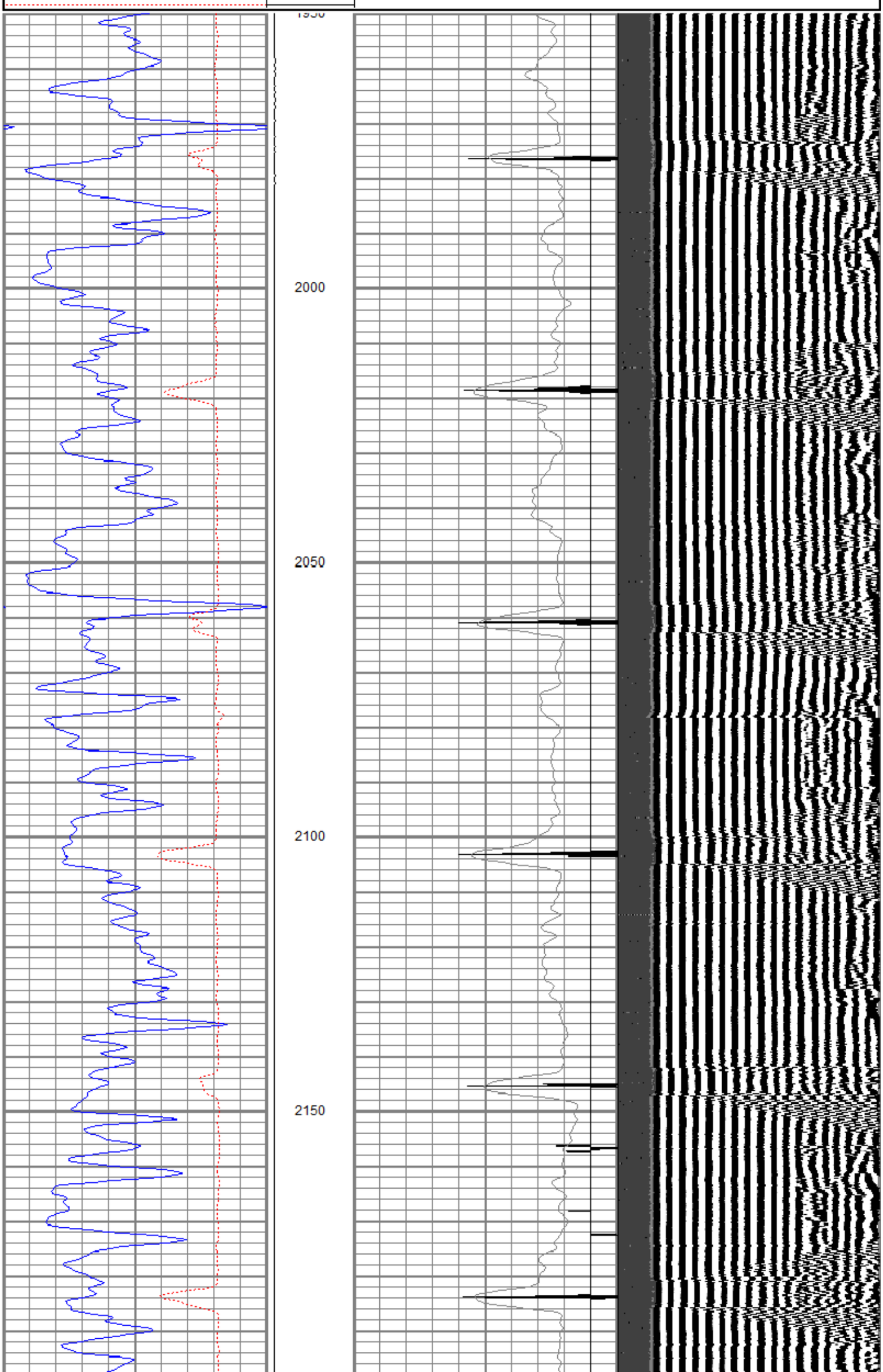
CLAFLIN KS.
1 E TO 140.,5 3/4 N,
E INTO

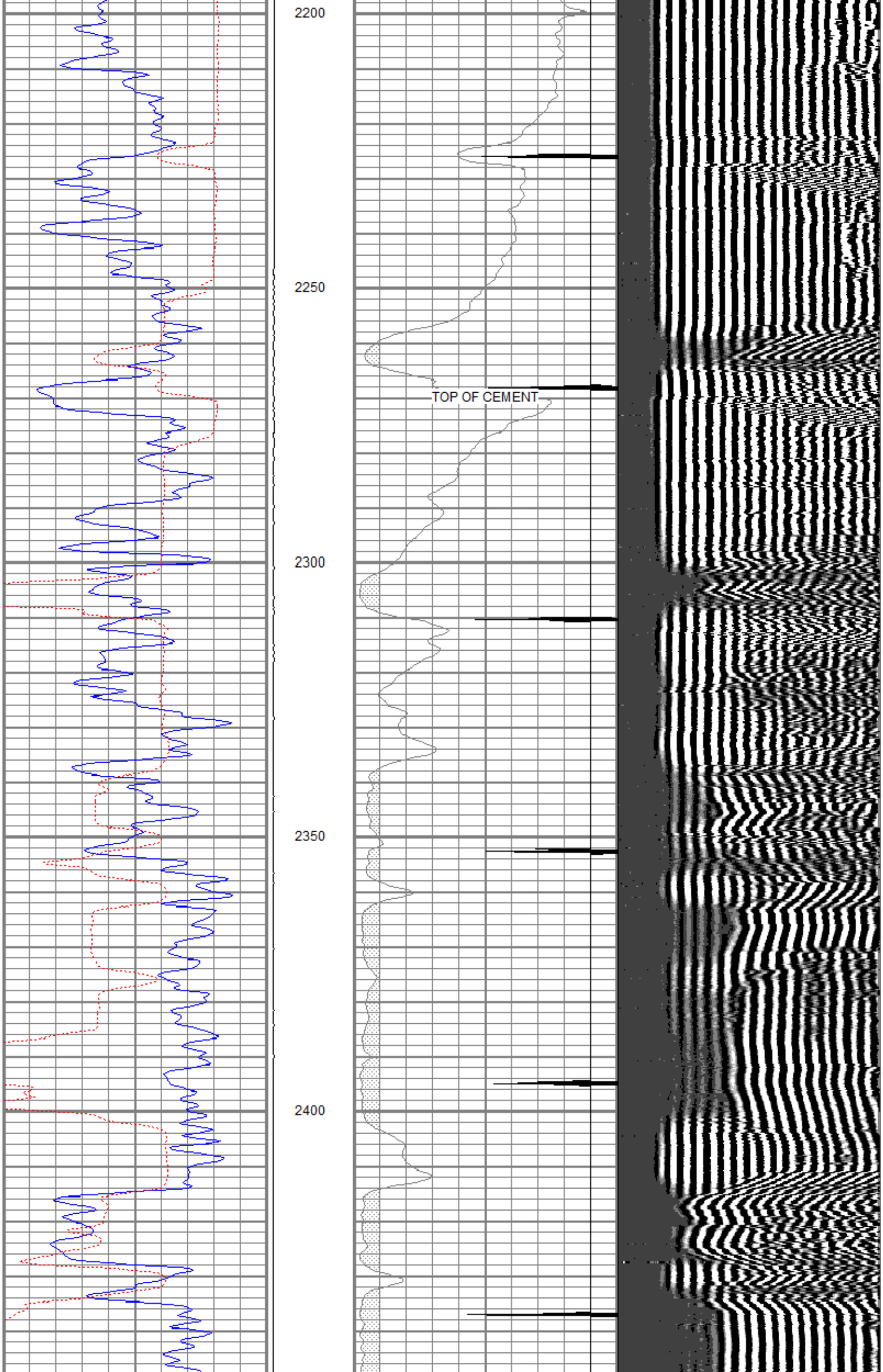
GEMINI WIRELINE

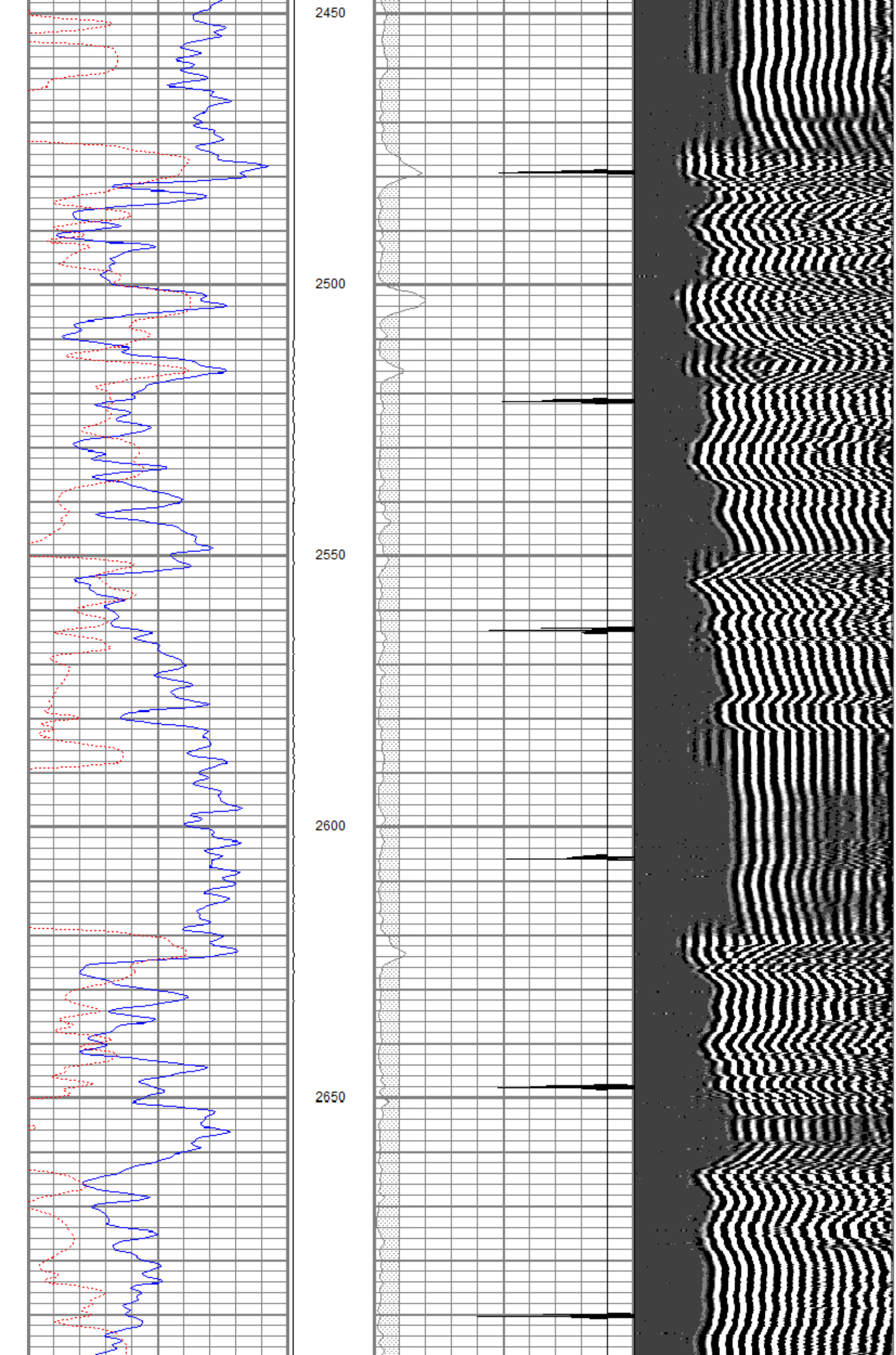
MAIN PASS

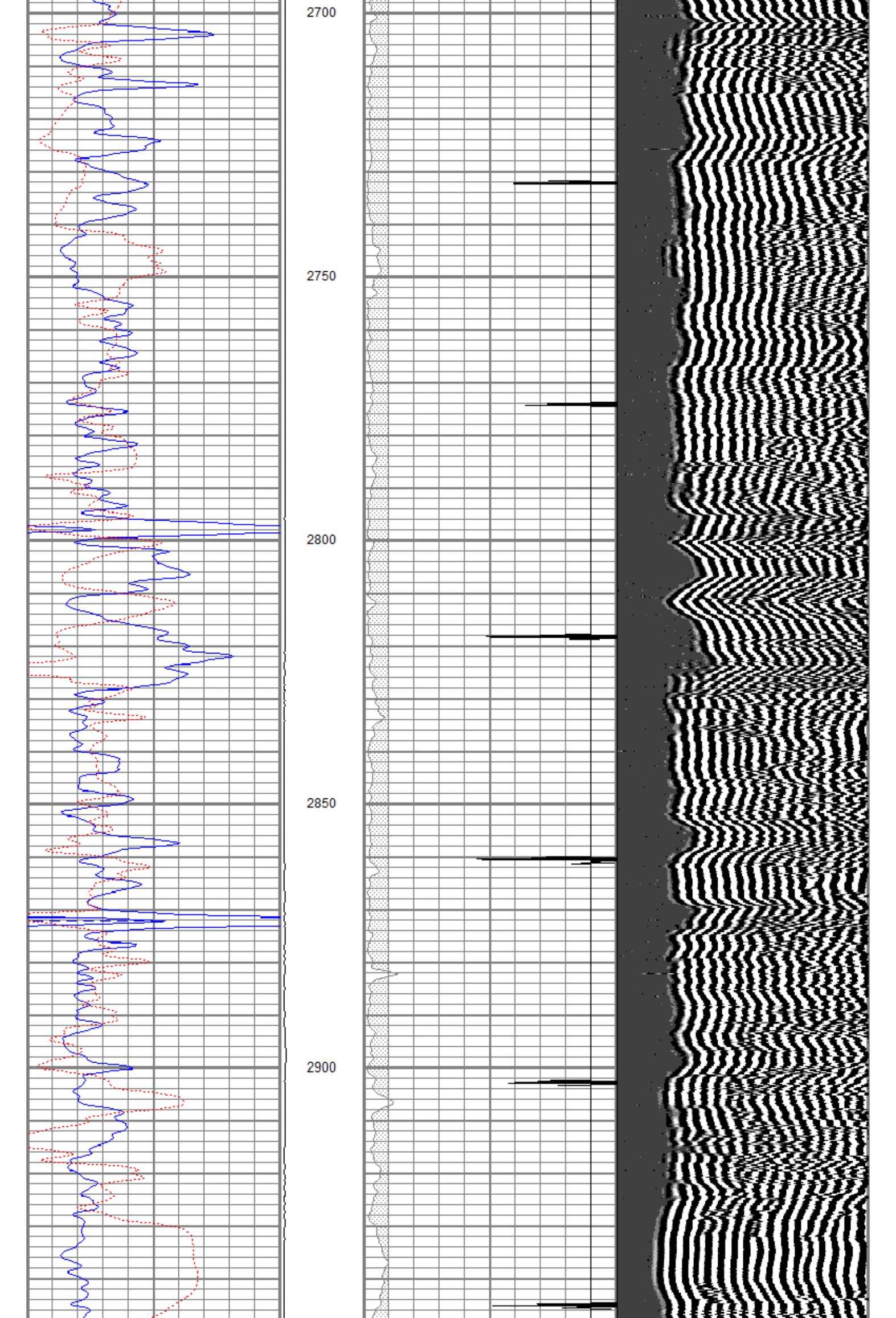
Database File	l&j oil-henry bruemister-2.db
Dataset Pathname	henry_bruemister-2/grcbl/pass4
Presentation Format	cbl
Dataset Creation	Thu Jan 28 08:27:33 2021
Charted by	Depth in Feet scaled 1:240

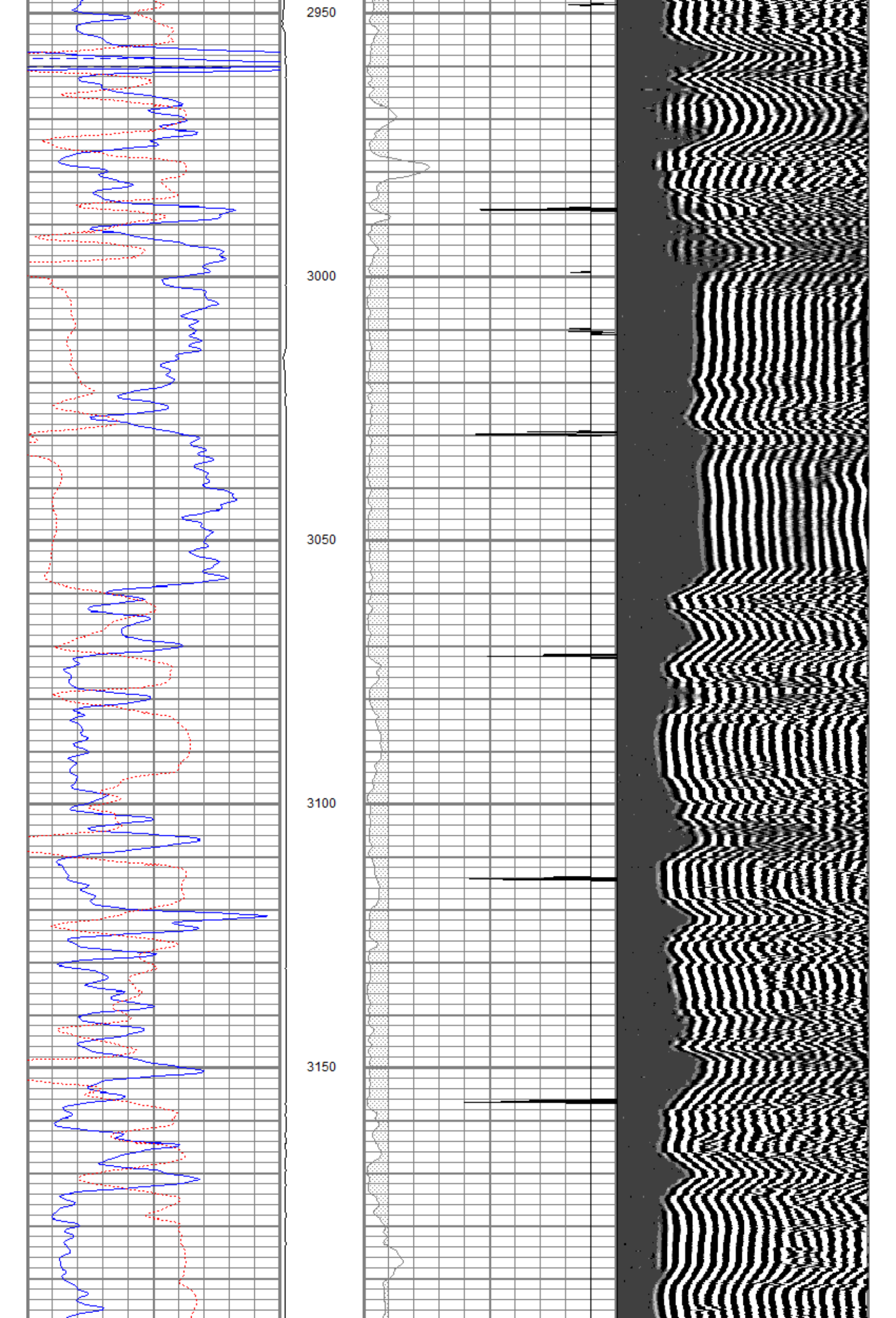
0	GR (GAPI)	150	LTEN	18	CCL	-2	200	VDL (usec) 1200
150	GR (GAPI)	300	(lb)	0	AMP3FT (mV)	100		
400	TT3FT (usec)	200	3999 -200					

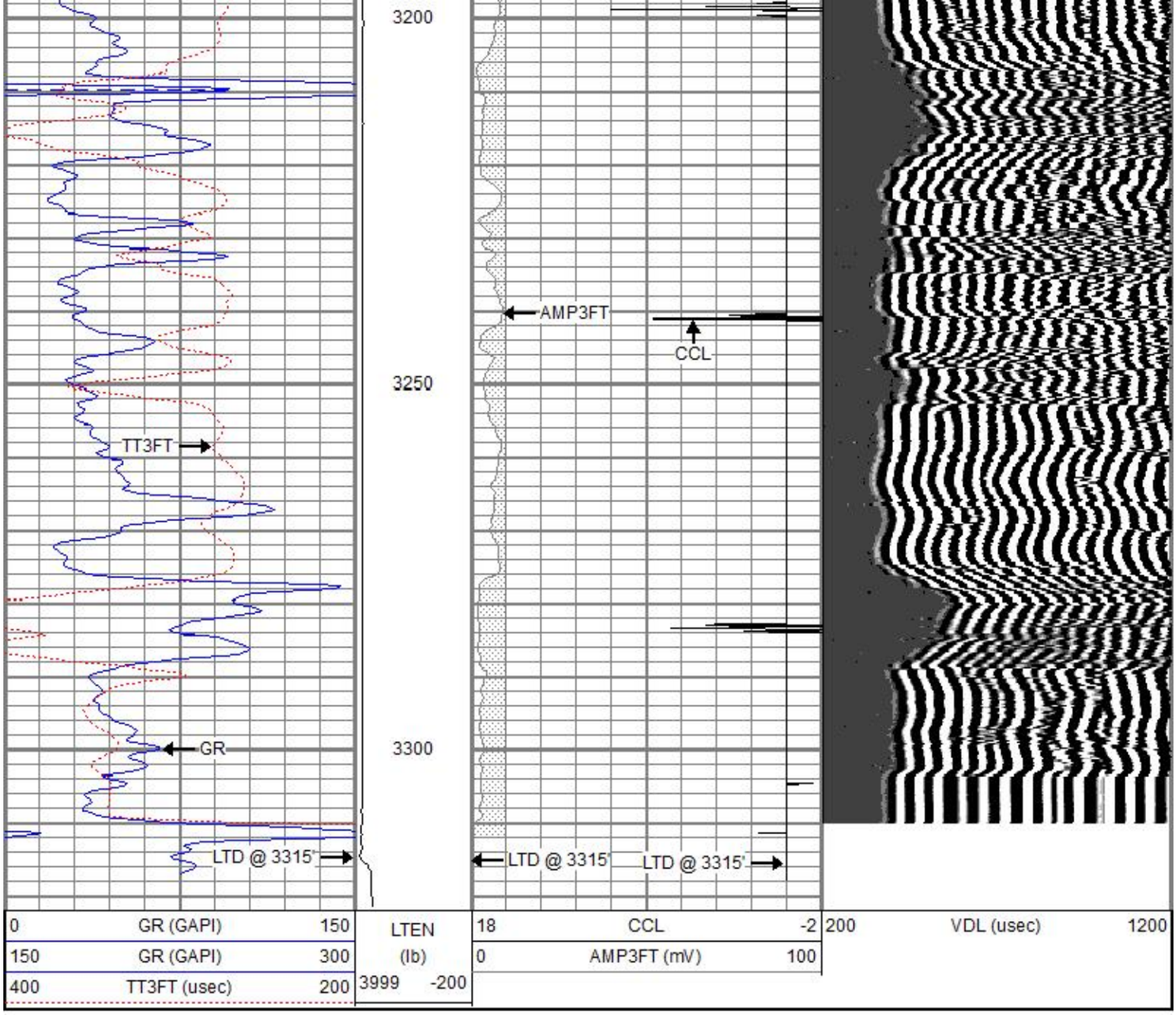

2000
2050
2100
2150


2200
2250
TOP OF CEMENT
2300
2350
2400


2450
2500
2550
2600
2650


2700
2750
2800
2850
2900


2950
3000
3050
3100
3150

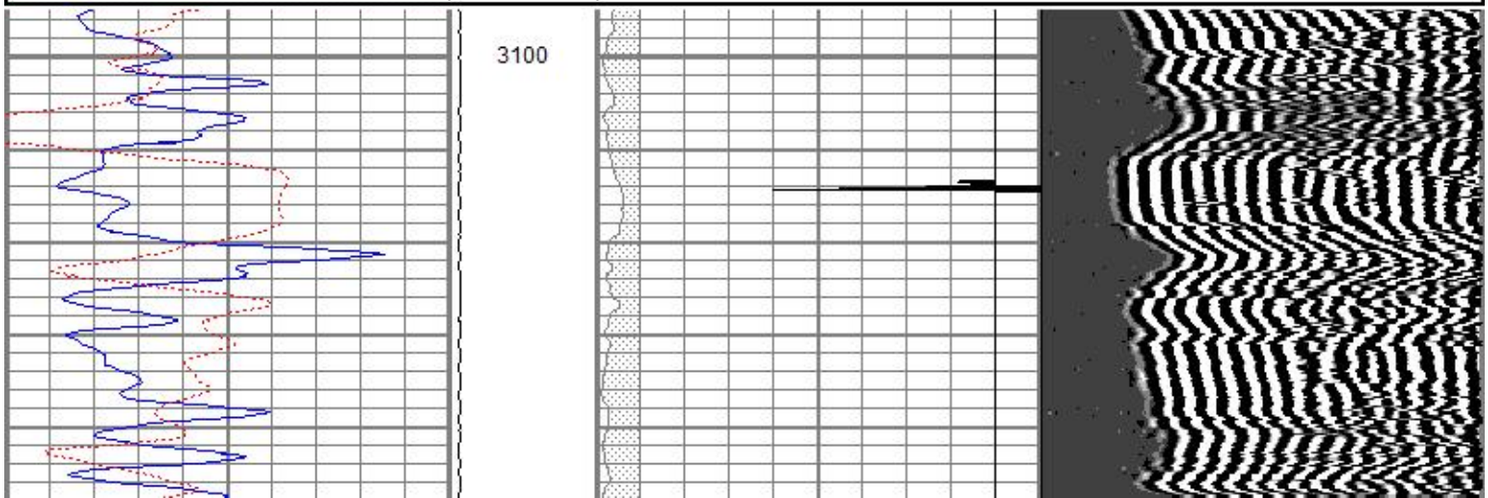


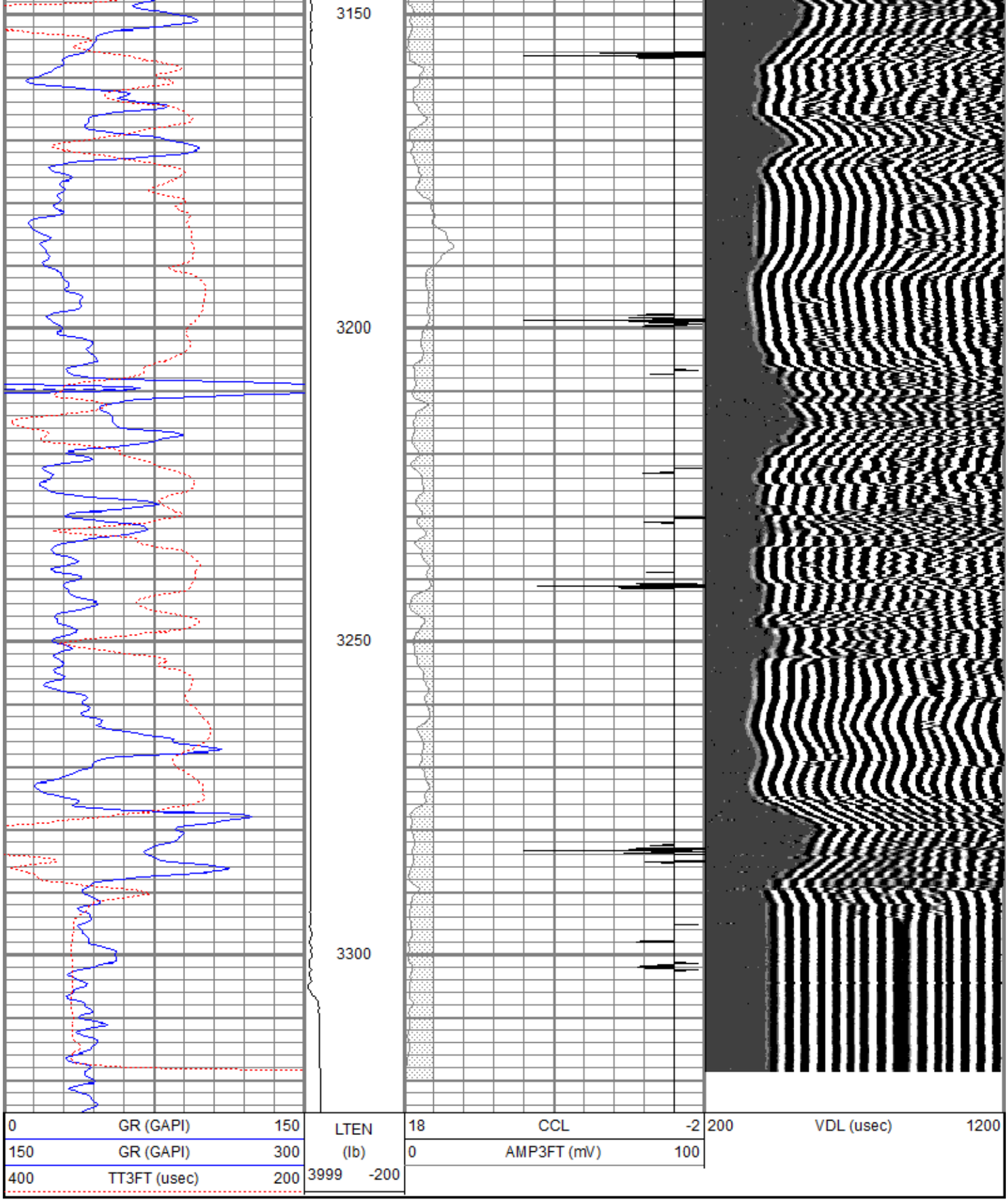
0	GR (GAPI)	150	LTEN	18	CCL	-2	200	VDL (usec) 1200
150	GR (GAPI)	300	(lb)	0	AMP3FT (mV)	100		
400	TT3FT (usec)	200	3999 -200					

REPEAT SECTION

Database File	I&j oil-henry bruemister-2.db
Dataset Pathname	henry_bruemister-2/grcbl/pass3
Presentation Format	cbl
Dataset Creation	Thu Jan 28 08:20:42 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	3999 -200					





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
CENT	19.14		CENT-275 2 3/4" Centralizer	2.94	2.75	10.00
WVF5FT WVF3FT	11.69 11.69		Probedig-DigitalCBL (061007) 2 3/4 Bond Tool	8.77	2.75	92.00
CENT	7.44					

			CENT-275 2 3/4" Centralizer	2.94	2.75	10.00
CCL	3.67		CCL-Probe (080224)	1.42	2.75	20.00
GR	2.30		GR-Probe1 (080224)	3.08	2.75	40.00

Dataset: l&j oil-henry bruemister-2.db: field/henry_bruemister-2/grcbl/pass4
Total length: 19.14 ft
Total weight: 172.00 lb
O.D.: 2.75 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\l&j oil-henry bruemister-2.db
Dataset field/henry_bruemister-2/grcbl/pass4/_vars_

Top - Bottom

BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft	PERFS
7.875	100	5.5	0	11.5	0	1	0.8	No

PPT usec	SRFTEMP degF	TDEPTH ft
0	0	0

Variable Description

BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
CASEWGHT : Casing Weight
MAXAMPL : Maximum Amplitude
MINAMPL : Minimum Amplitude
MINATTN : Minimum Attenuation
PERFS : Perforation Flag
PPT : Predicted Pipe Time
SRFTEMP : Surface Temperature
TDEPTH : Total Depth

Calibration Report

Database File l&j oil-henry bruemister-2.db
Dataset Pathname henry_bruemister-2/grcbl/pass4
Dataset Creation Thu Jan 28 08:27:33 2021

Gamma Ray Calibration Report

Serial Number: 080224
Tool Model: Probe1
Performed: Tue Sep 29 10:13:21 2020

Calibrator Value: 200.0 GAPI

Background Reading: 15.0 cps
Calibrator Reading: 222.7 cps

Sensitivity: 1.2000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: 061007
Tool Model: DigitalCBL

Calibration Casing Diameter: 5.500 in
Calibration Depth: 2260.167 ft

Master Calibration, performed Fri Jun 26 15:19:51 2020:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.066	0.822	1.000	71.921	93.828	-5.212
CAL						
5'	0.071	0.371	1.000	71.921	236.298	-15.721
SUM						
S1						
S2						
S3						
S4						
S5						

S6
S7
S8

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL						

Air Zero Calibration, performed Thu Mar 01 12:10:51 2018:

	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			

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