GAMMA RAY CCL CEMENT BOND VDL TEMP LOG

KLX Energy Services

Company	GREATWESTERN OIL & GAS COMPANY
Well	POSTLE IC 09-259HN
Field	WATTENBERG
County	WELD
State	COLO
Country	USA

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Well POSTLE IC 09-259HN
Field WATTENBERG
County WELD
State COLO Country USA

Location: API #: 05-123-46038
LAT: 40.243674
LONG: -104.977546
SWNW
SEC 11 TWP 3N RGE 68W

Other Services

Permanent Datum GL Elevation 4977
Log Measured From KB 20'
Drilling Measured From KB

Elevation
K.B. 4997
D.F.
G.L. 4977

Date	APR-6-2018
Run Number	ONE
Depth Driller	18370
Depth Logger	7850
Bottom Logged Interval	7850
Top Log Interval	SURFACE
Open Hole Size	NA
Type Fluid	WATER
Density / Viscosity	8.34 PPG
Max. Recorded Temp.	219
Estimated Cement Top	
Time Well Ready	ROA
Time Logger on Bottom	10:00
Equipment Number	68
Location	STERLING,CO
Recorded By	KYLE GIRDLER
Witnessed By	STAN BRINAR

Borehole Record			Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9 5/8	36	SURFACE	1525
Prot. String				
Production String	5.5	17	SURFACE	18370
Liner				

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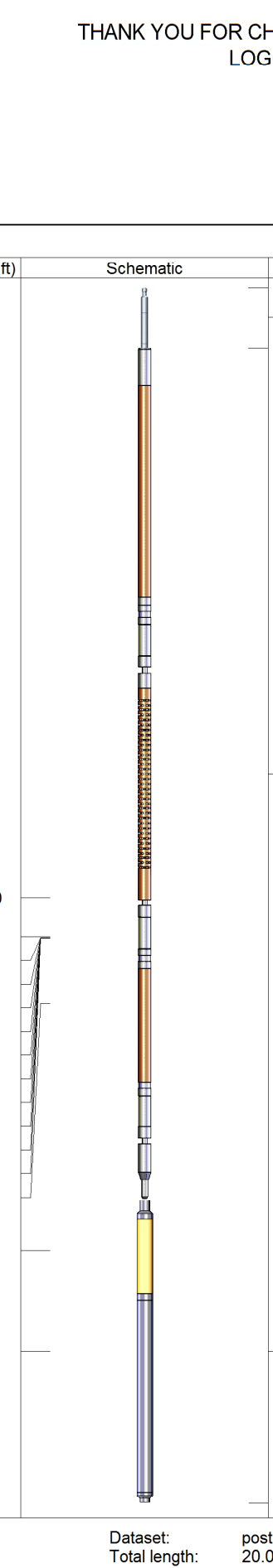
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

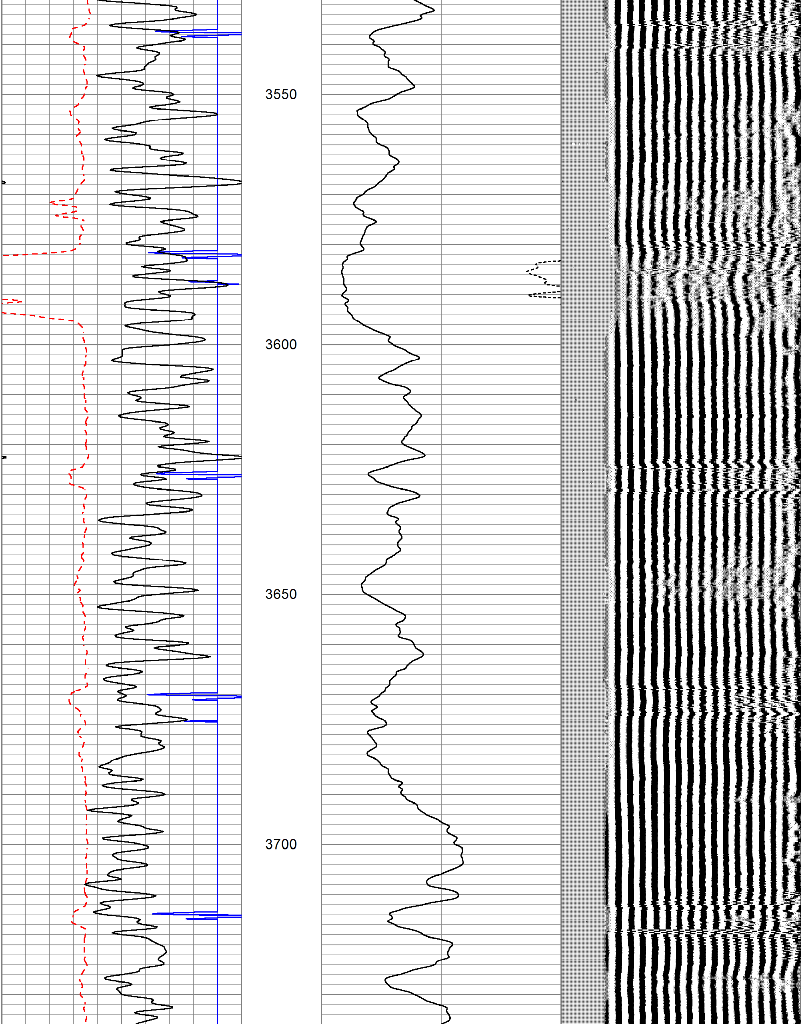
THANK YOU FOR CHOOSING KLX ENERGY SERVICES
LOGGED UNDER 0 PSI



Sensor	Offset (ft)	Description	Length (ft)	O.D. (in)	Weight (lb)
		CHD-STNDRD Standard Cable Head	1.00	1.69	3.00
		RBT-PTS275HT (275HT) Probe 2.75" High Temp Radii	14.08	2.75	
TEMP	10.00				
IntTemp	9.35				
WVF3FT	9.33				
WVFCAL	9.33				
WVFS1	9.33				
WVFS2	9.33				
WVFS3	9.33				
WVFS4	9.33				
WVFS5	9.33				
WVFS6	9.33				
WVFS7	9.33				
WVFS8	9.33				
WVF5FT	8.25				
CCL	4.17				
GR	2.50	GR-Probe275dig (080221) Probe 2.75 High Temperature	5.00	2.75	57.00

Dataset: postle ic 09-259hn.db: field/well/run1/pass33
Total length: 20.08 ft
Total weight: 60.00 lb
O.D.: 2.75 in

Database File	postle ic 09-259hn.db
Dataset Pathname	pass33
Presentation Format	scbl_dr
Dataset Creation	Fri Apr 06 11:20:11 2018
Charted by	Depth in Feet scaled 1:240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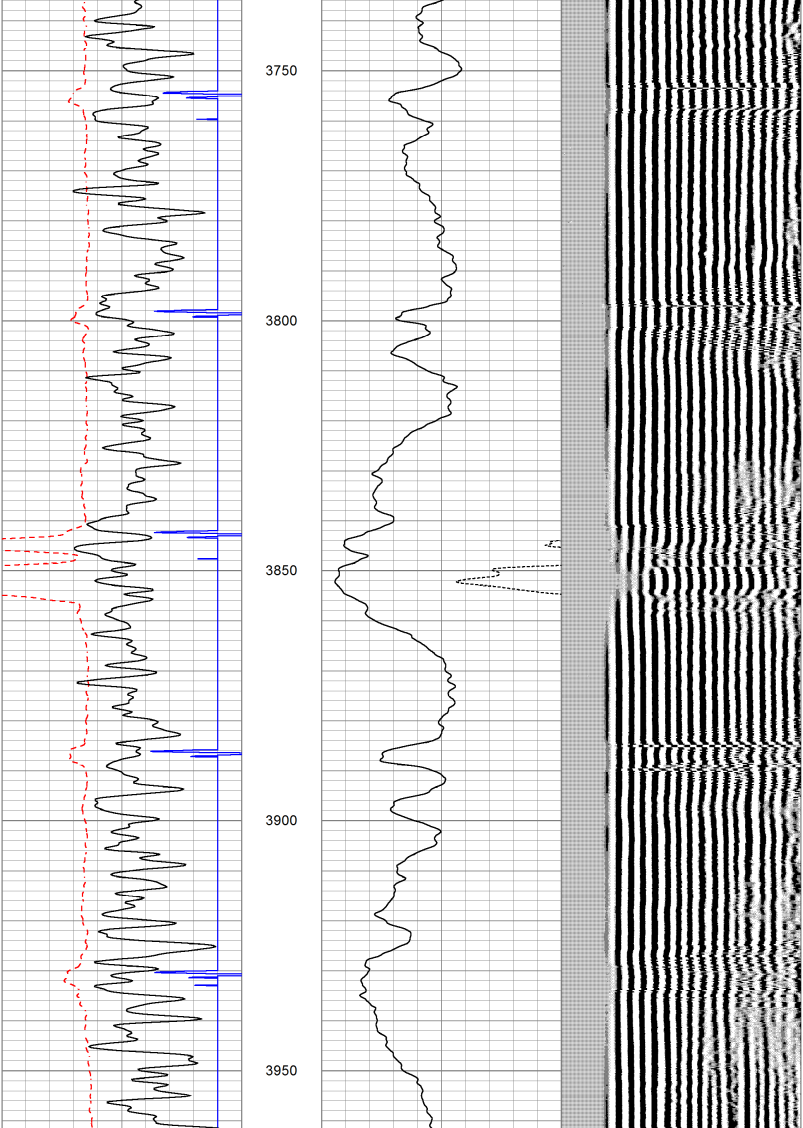
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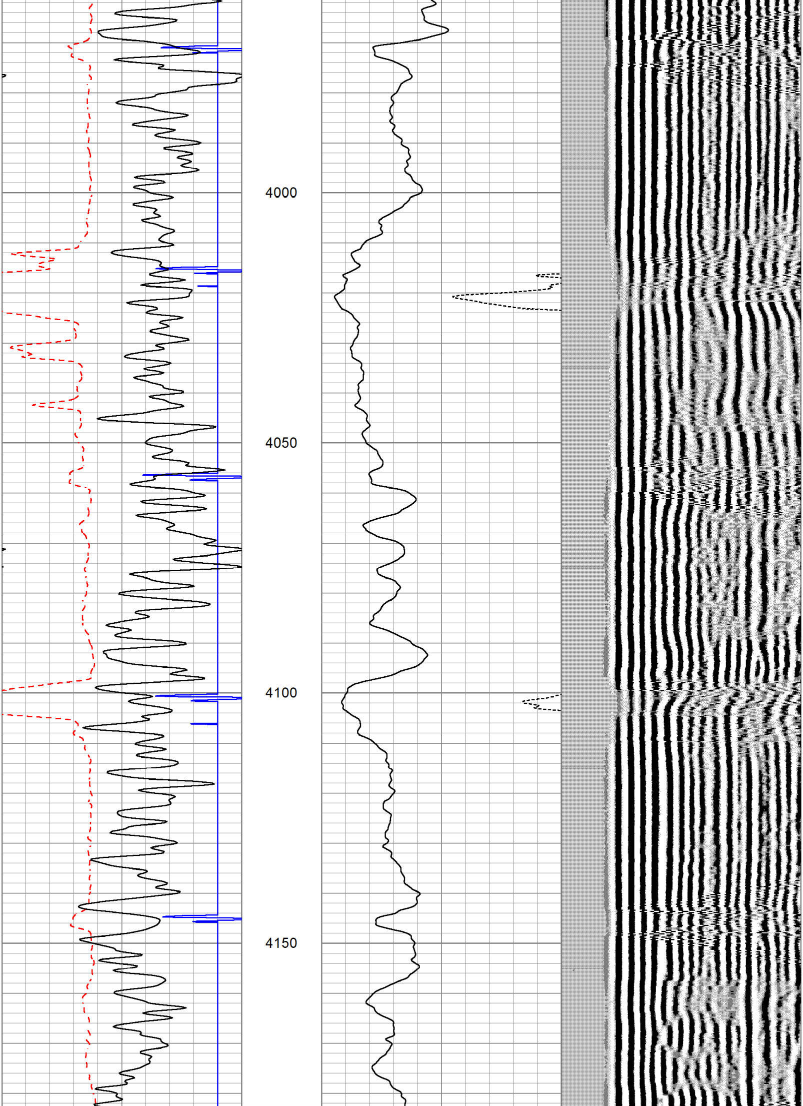
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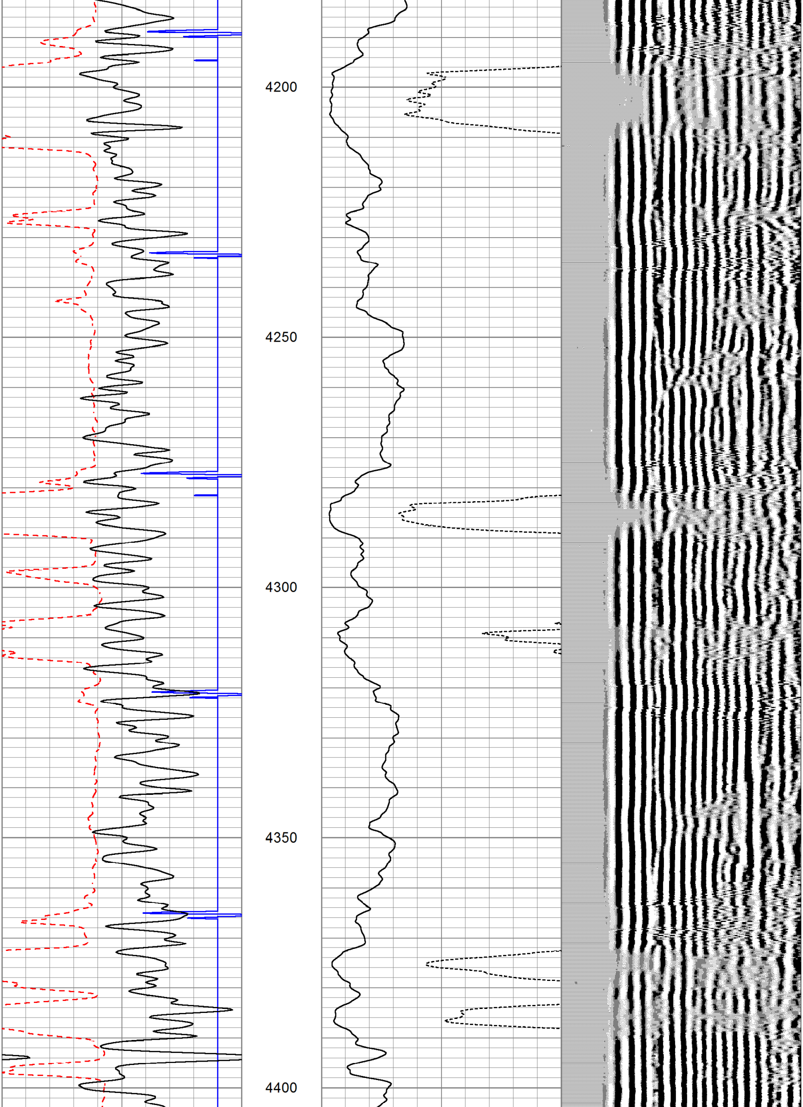
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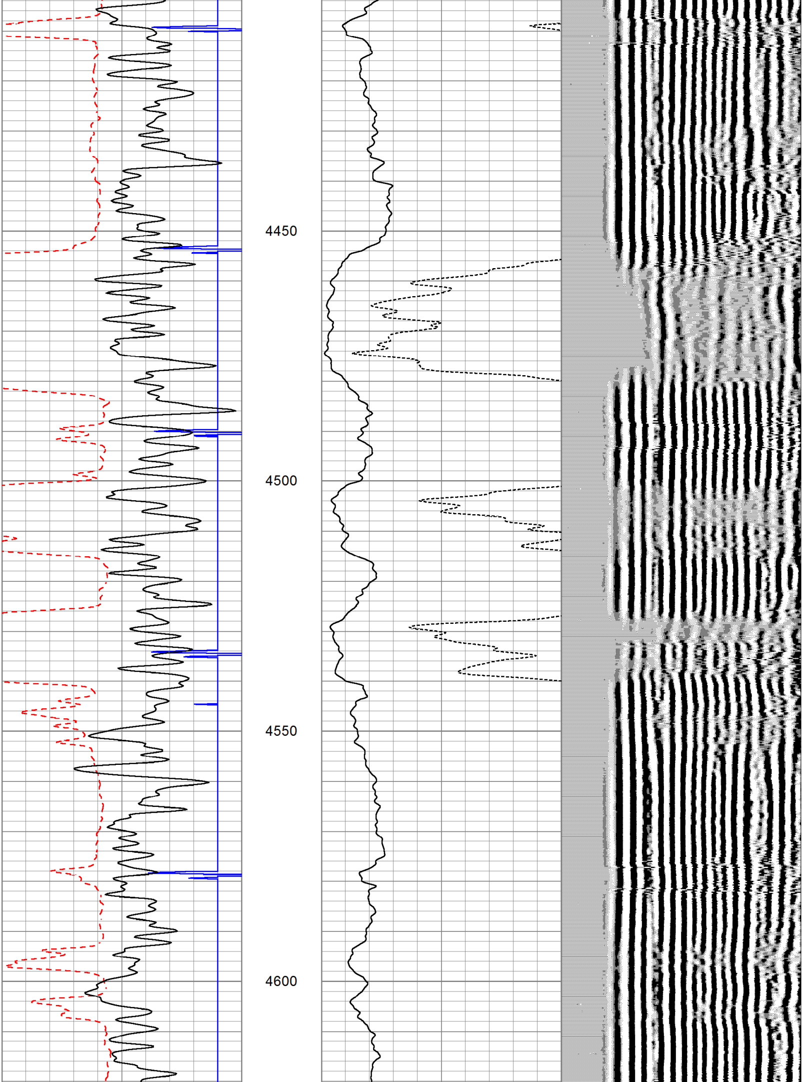
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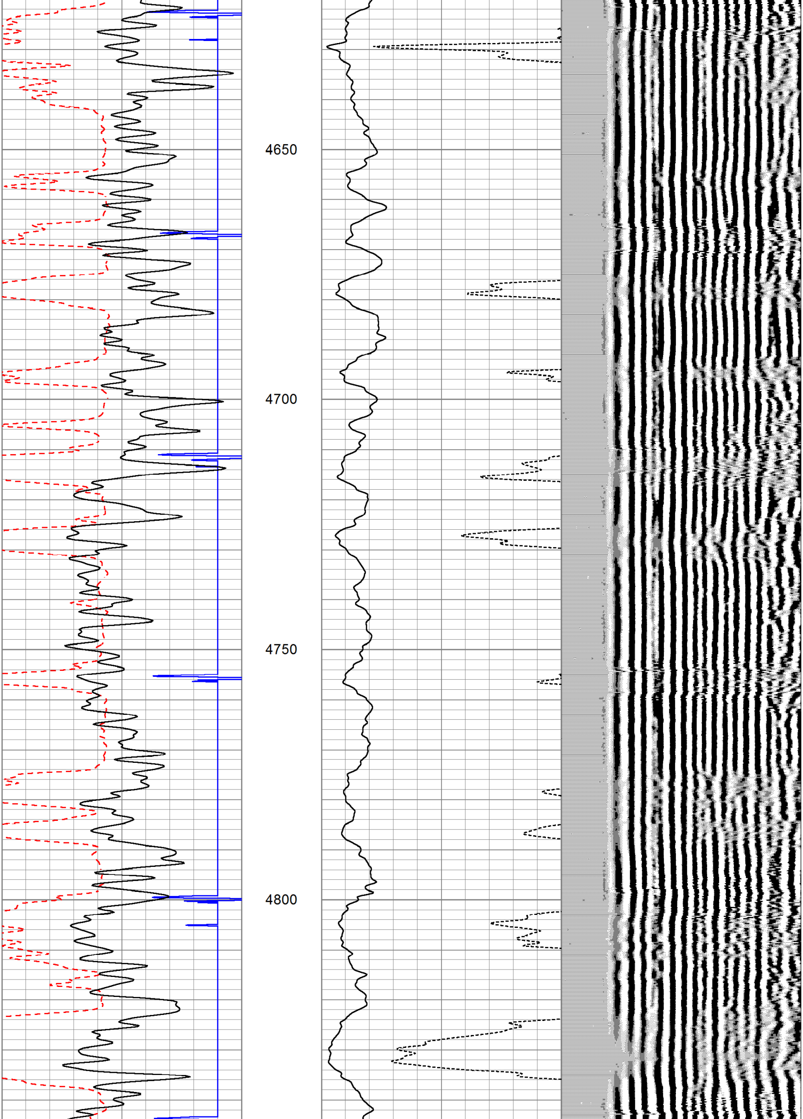
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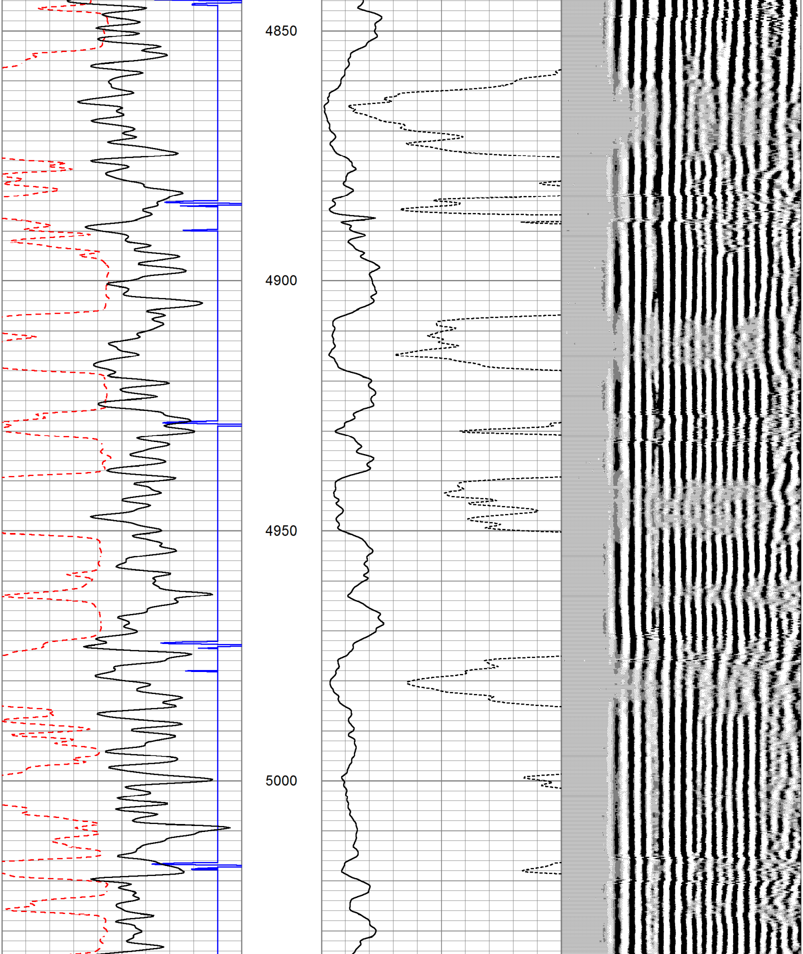
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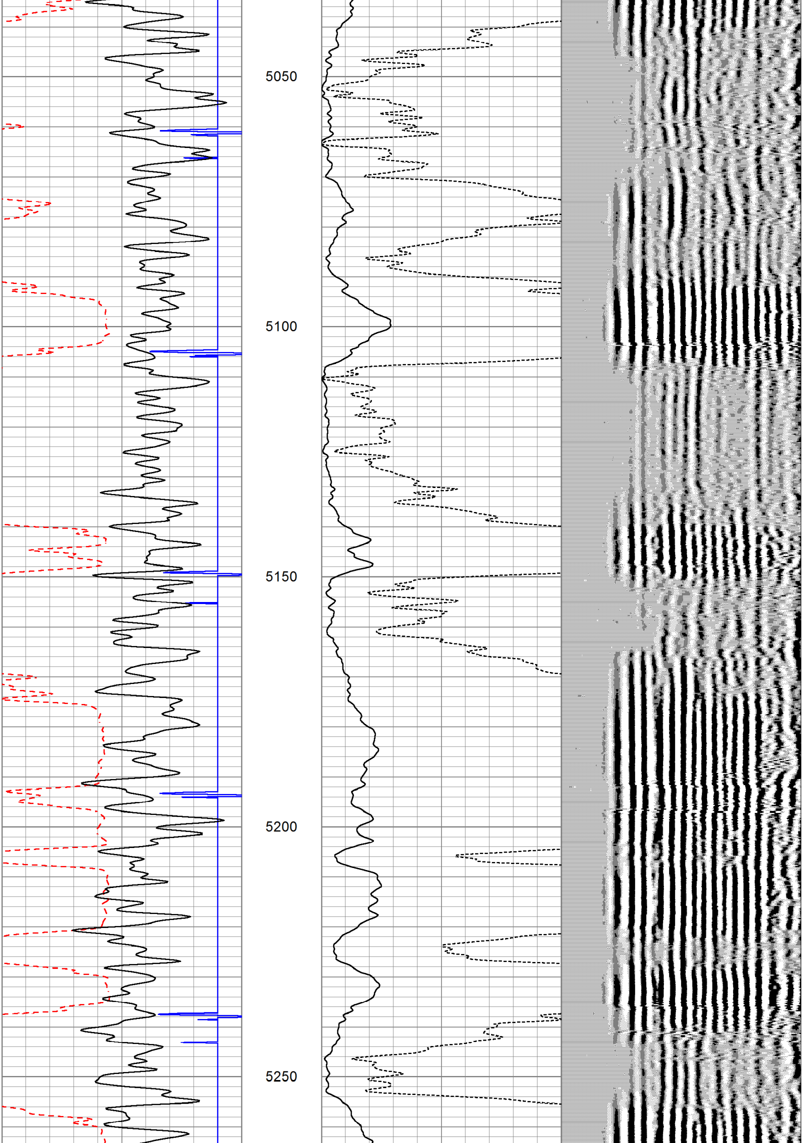
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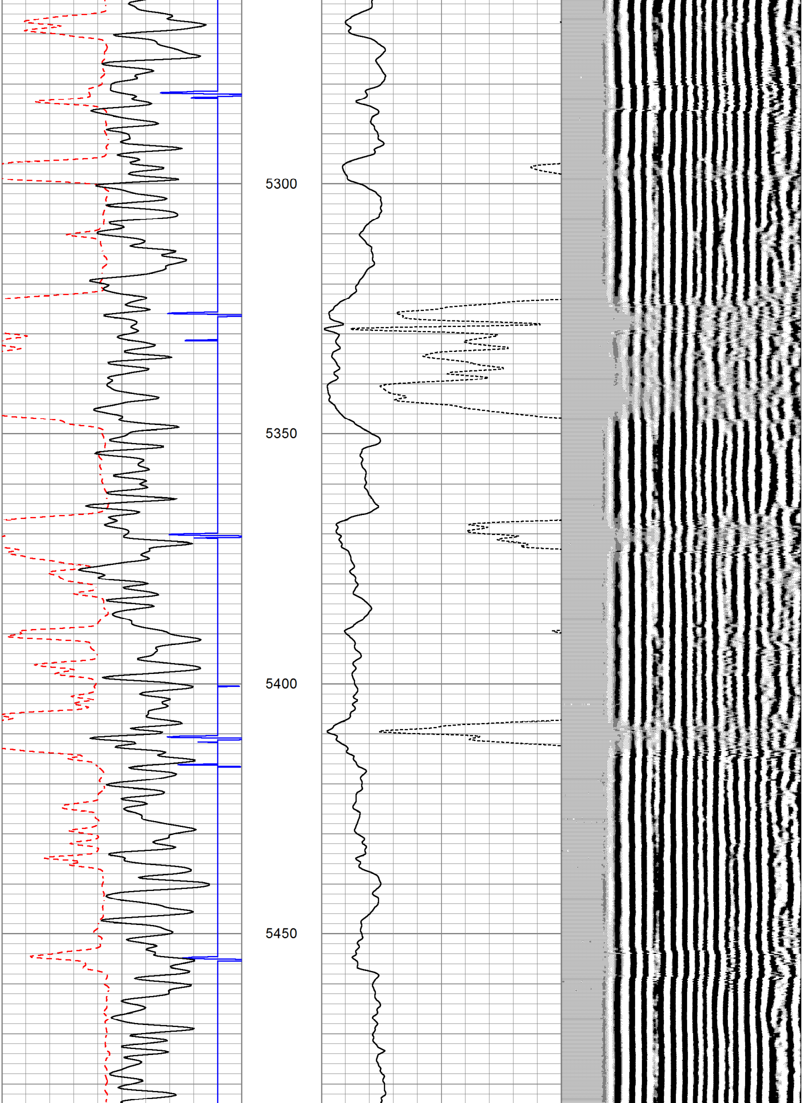
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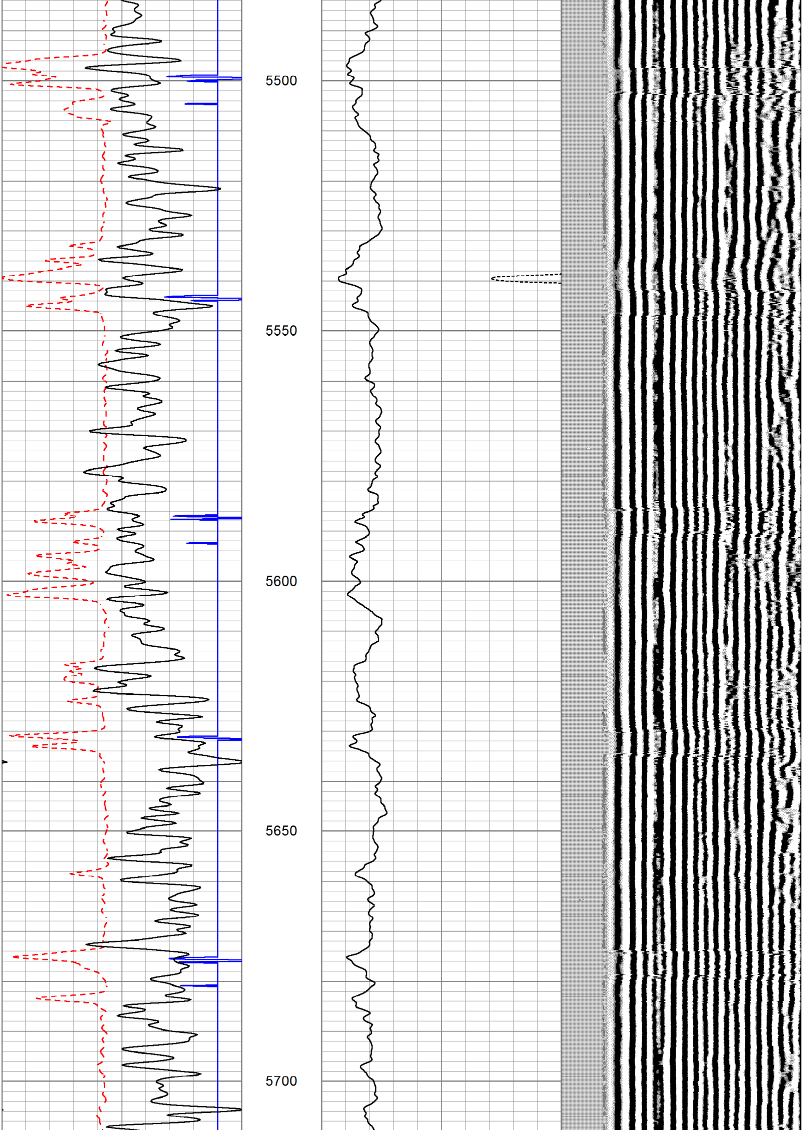
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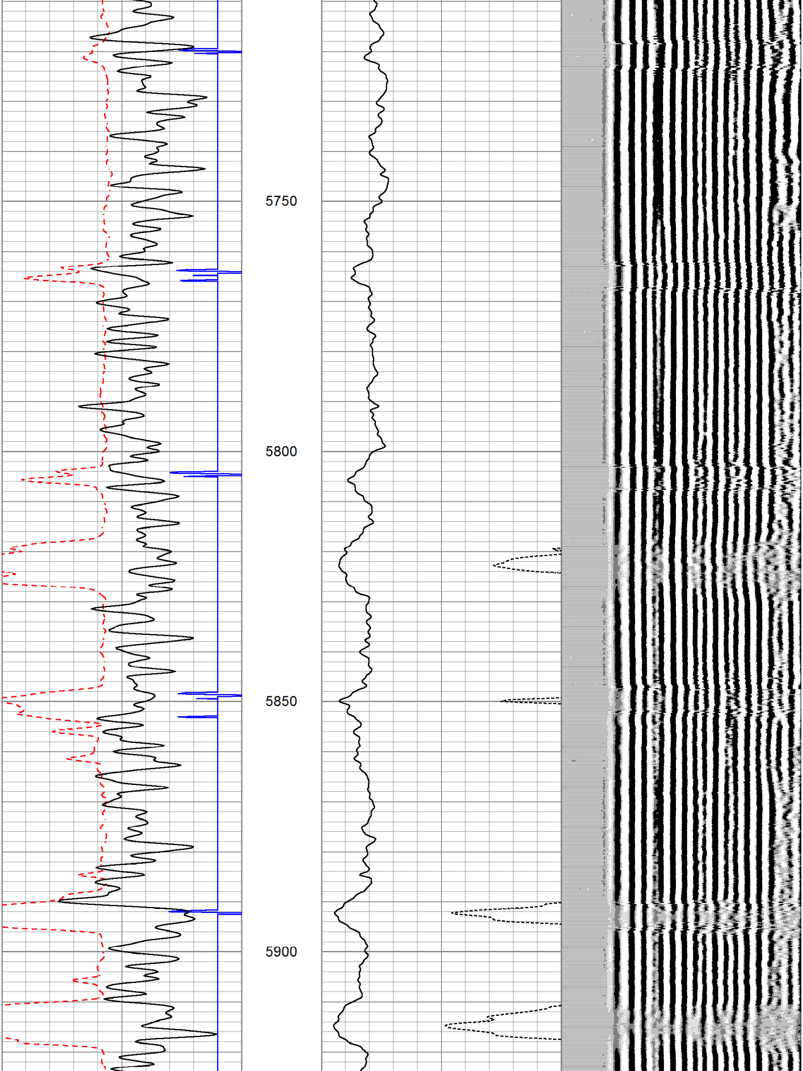
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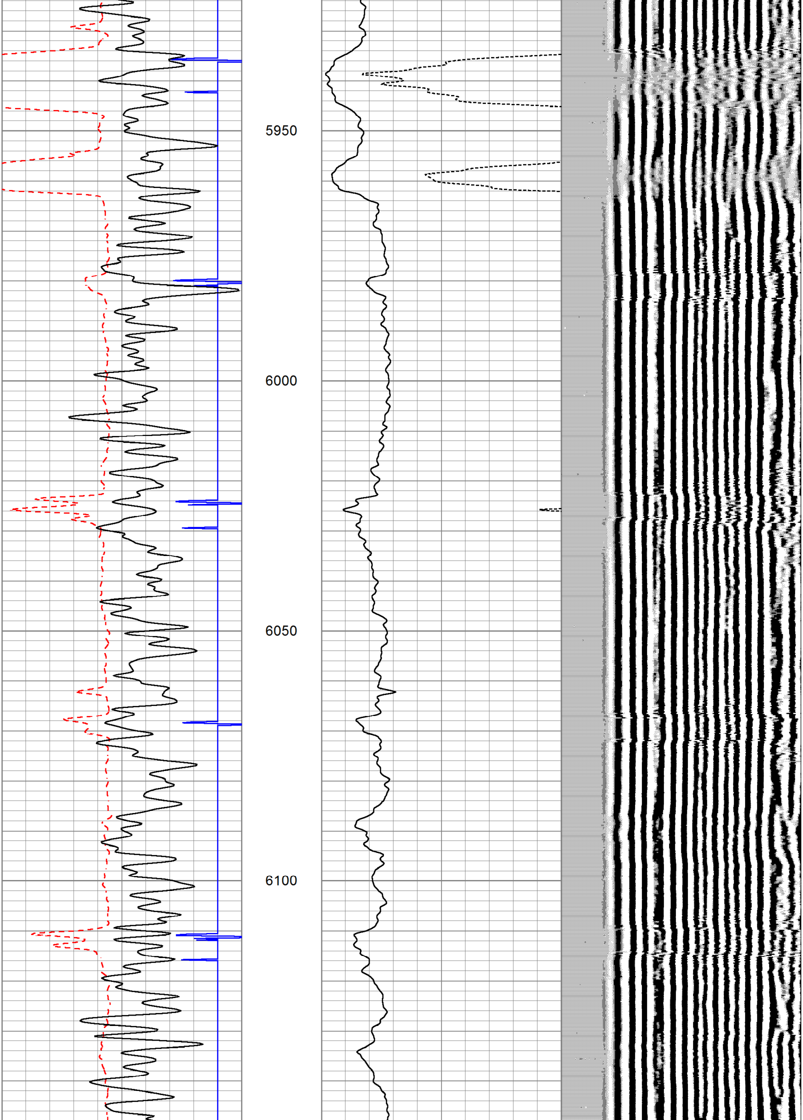
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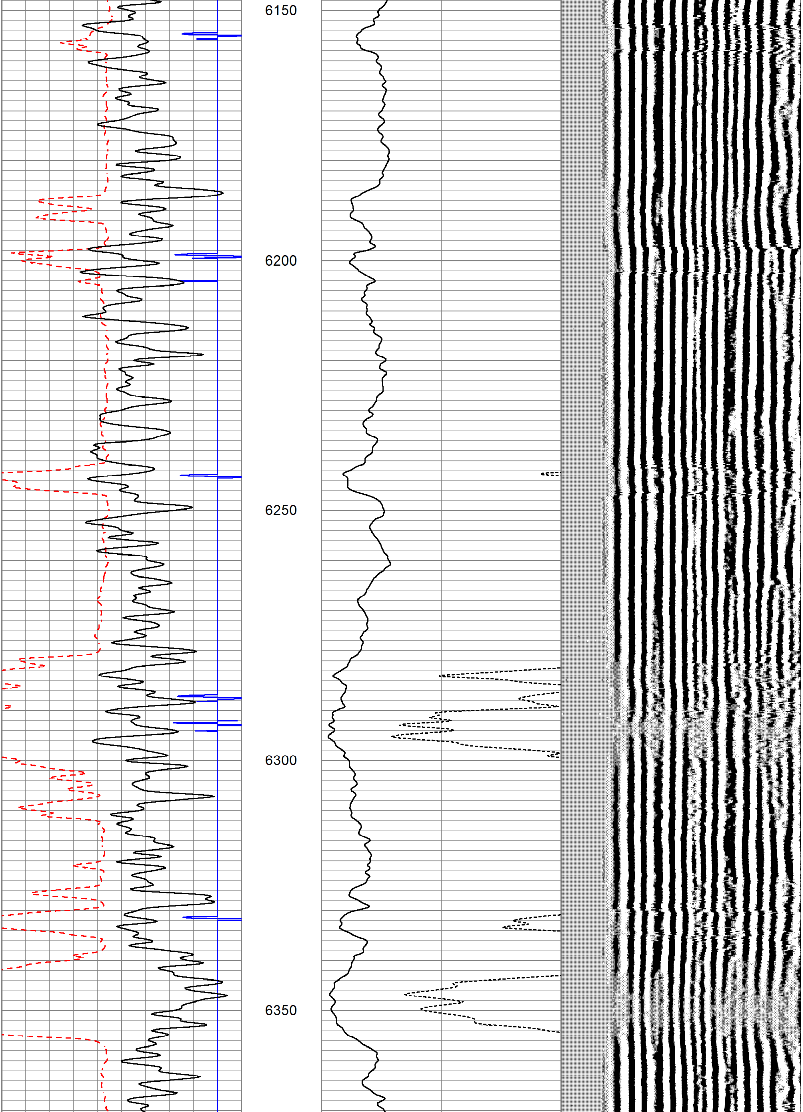
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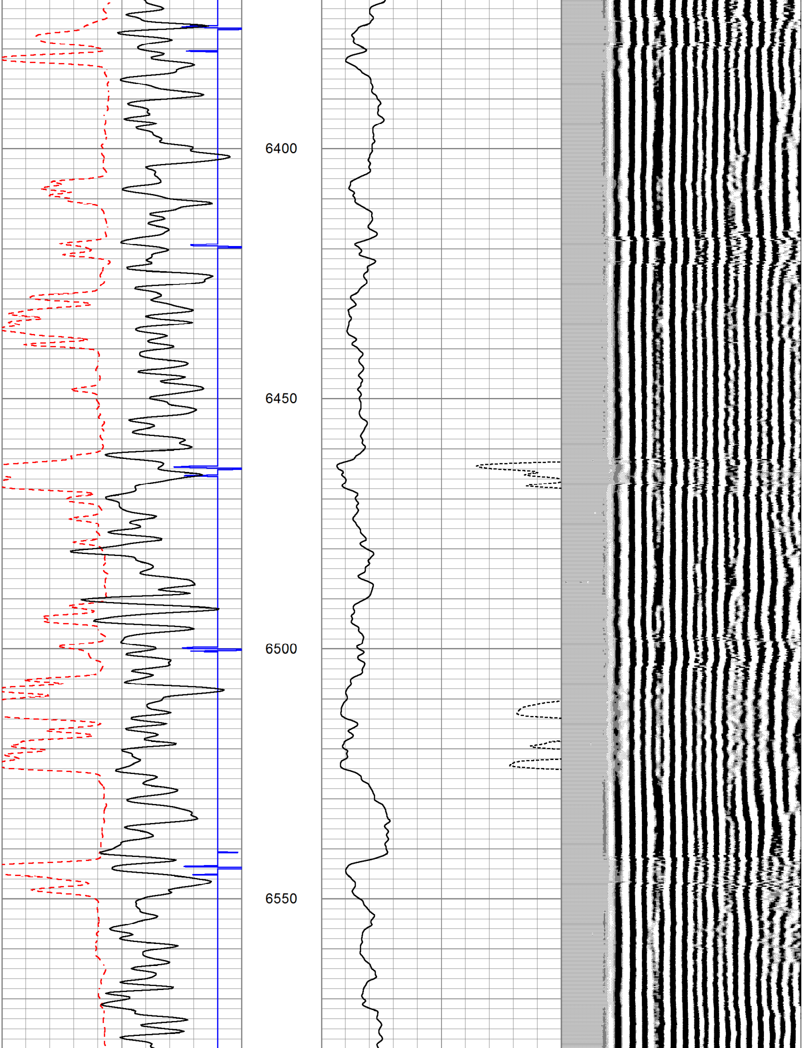
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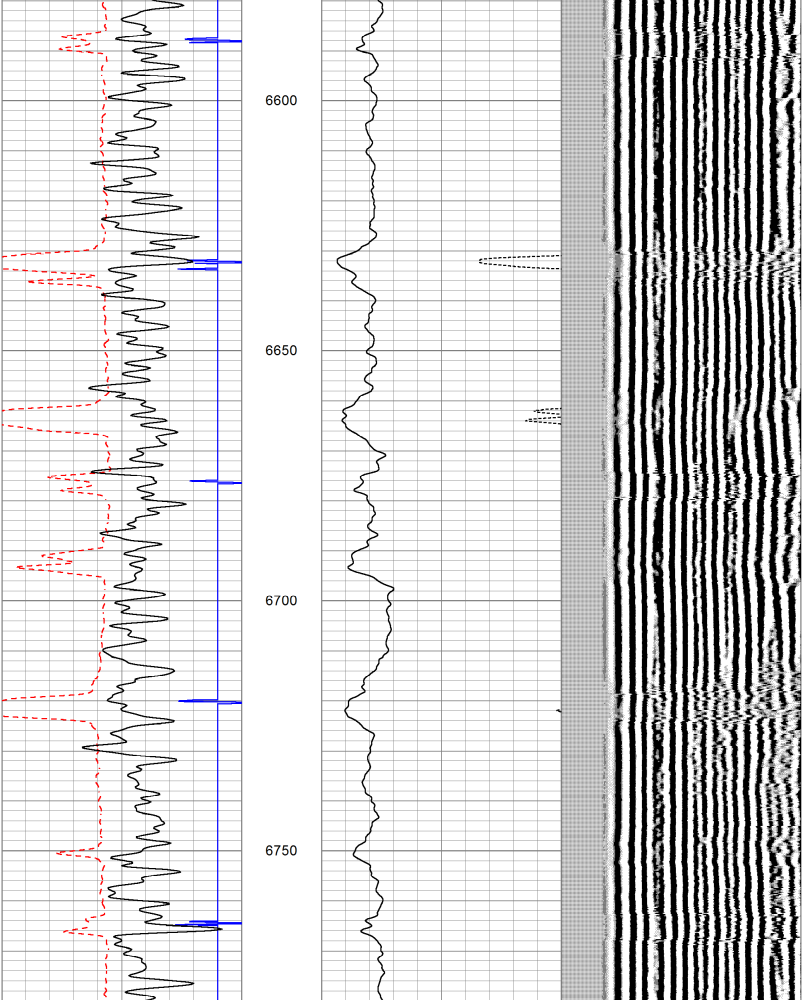
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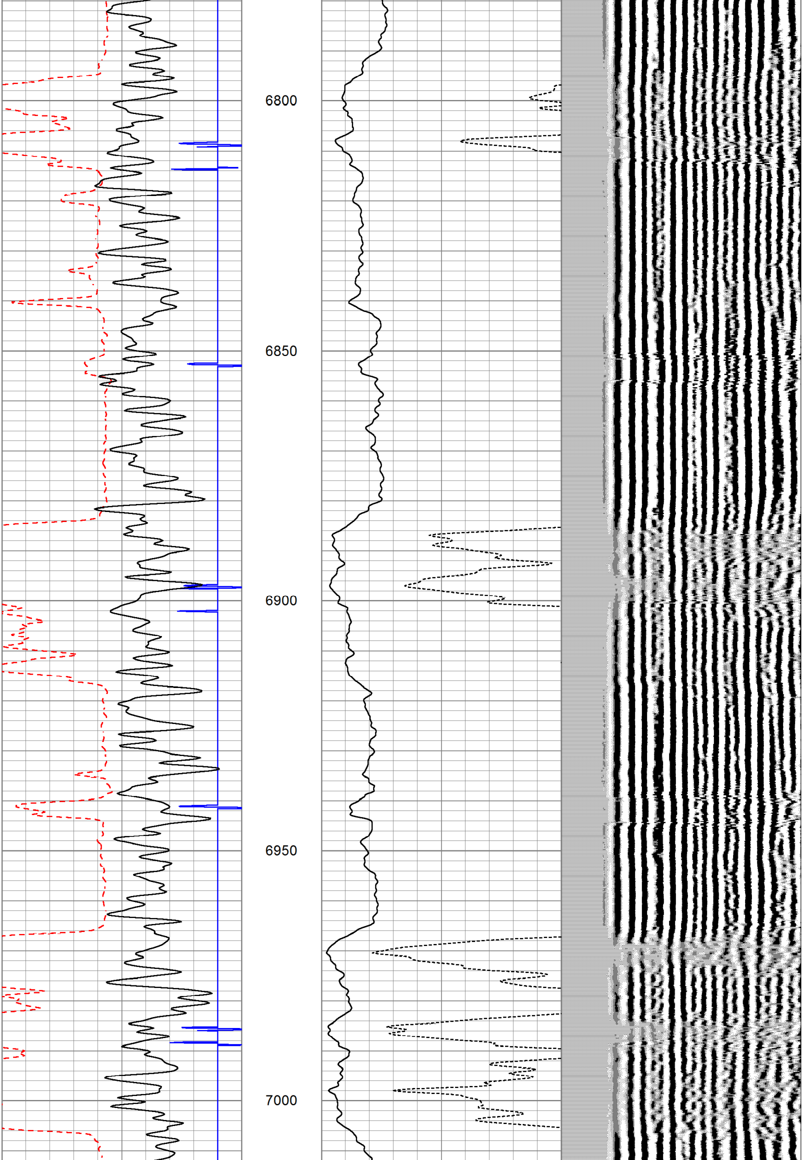
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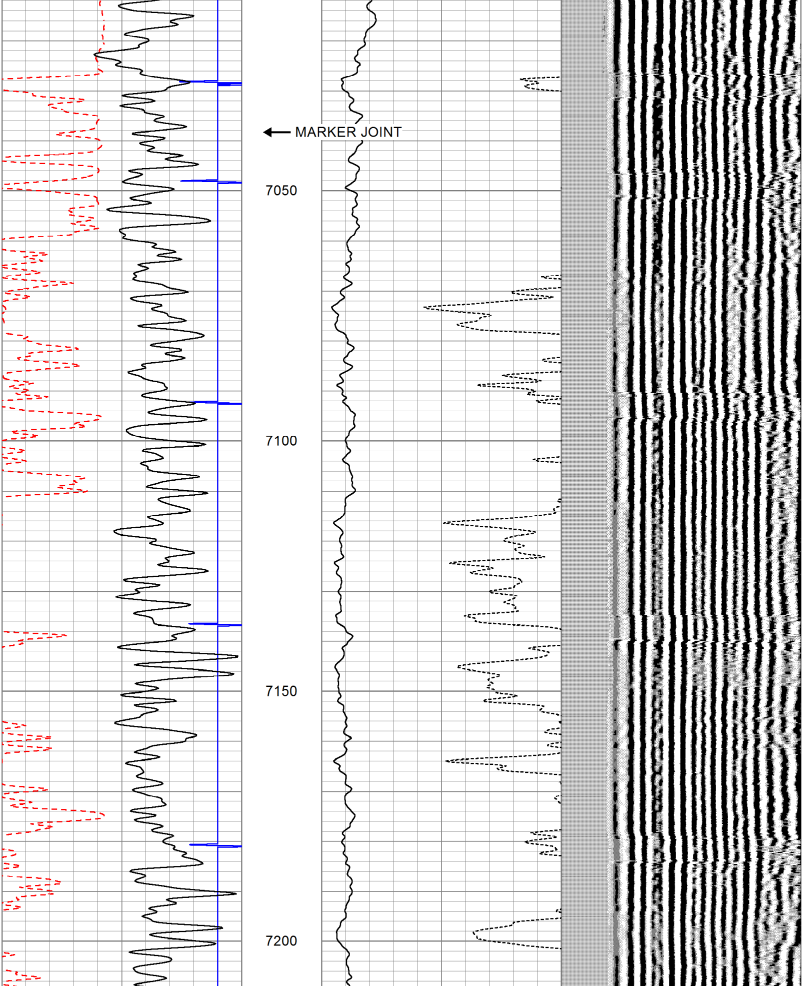
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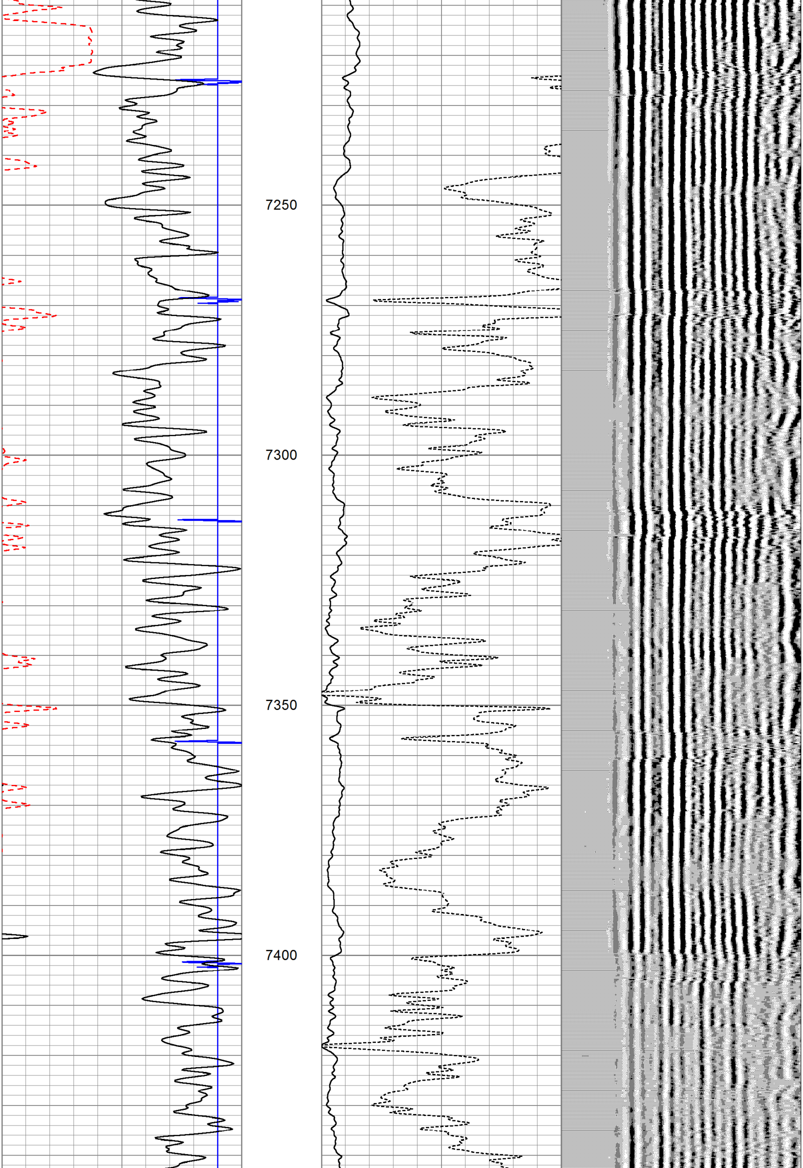
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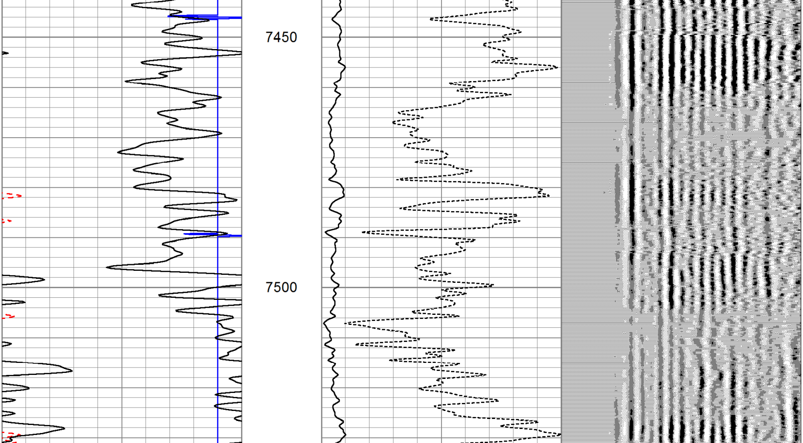
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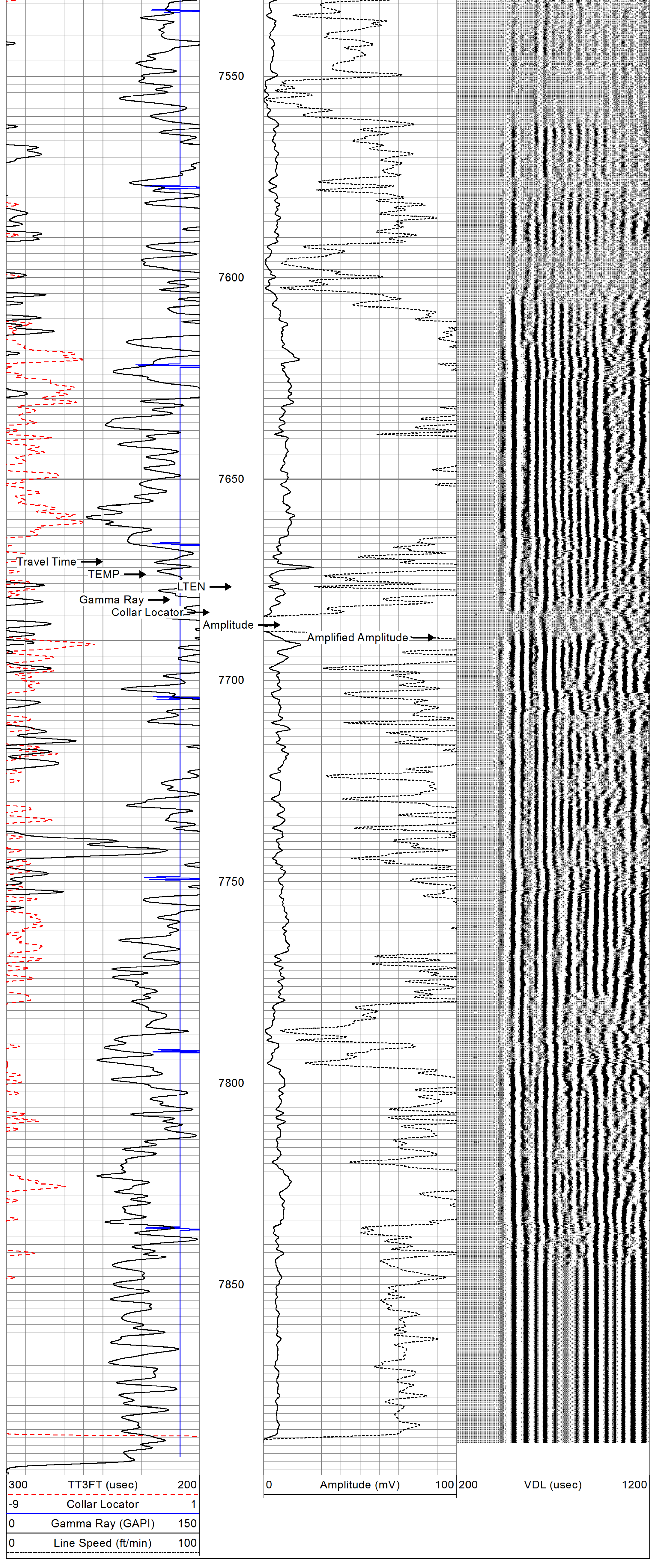
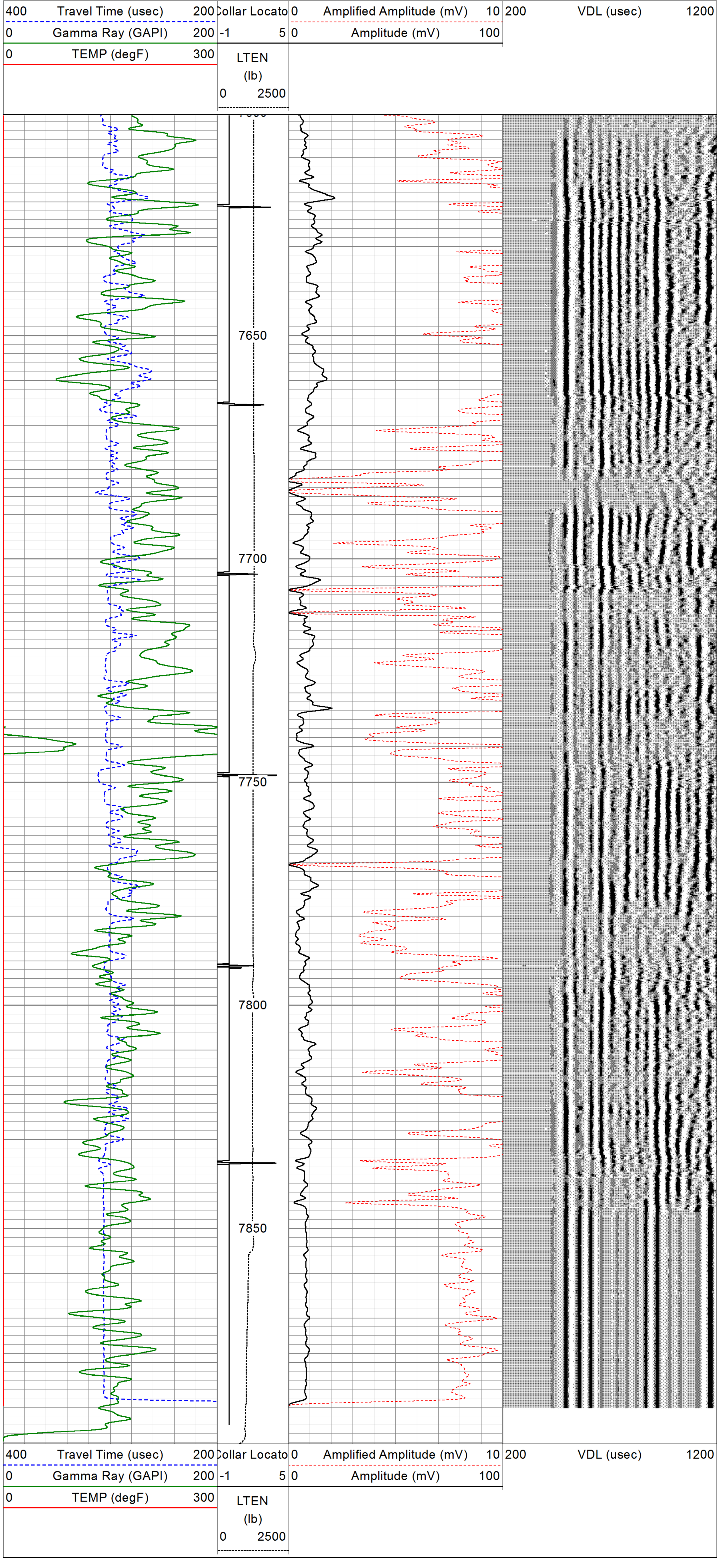


REPEAT PASS

Database File	postle ic 09-259hn.db
Dataset Pathname	pass30
Presentation Format	scbl_dr
Dataset Creation	Fri Apr 06 10:07:24 2018 by Log Std Casedhole 10081
Charted by	Depth in Feet scaled 1:240



Calibration Report

Database File	postle ic 09-259hn.db
Dataset Pathname	pass33
Dataset Creation	Fri Apr 06 11:20:11 2018

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 080221

SHOP CALIBRATION Thu Sep 08 10:58:32 2016

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		1.0000			GAPI/cps

PRIMARY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

BEFORE SURVEY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

AFTER SURVEY VERIFICATION

Background	0.0		cps
Calibrator	0.0		cps
Difference		0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number:	275HT	
Tool Model:	PTS275HT	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	192.496	ft

Master Calibration, performed Fri Apr 06 09:27:52 2018:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.006	1.004	0.250	71.921	71.808	-0.167
CAL	0.003	1.439				
5'	0.002	0.765	0.250	71.921	93.963	0.046
SUM						
S1	0.006	1.006	0.000	71.920	71.851	-0.396
S2	0.004	0.950	0.000	71.920	75.992	-0.305
S3	0.005	0.953	0.000	71.920	75.809	-0.360
S4	0.002	0.953	0.000	71.920	75.645	-0.146
S5	0.003	0.900	0.000	71.920	80.170	-0.236
S6	0.005	0.868	0.000	71.920	83.375	-0.452
S7	0.002	0.861	0.000	71.920	83.764	-0.209
S8	0.003	0.881	0.000	71.920	81.898	-0.259

Internal Reference Calibration, performed Wed Oct 27 08:00:55 2010:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.003	1.439	1.000	0.000

Air Zero Calibration, performed Fri Apr 15 09:25:27 2011:

	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

Temperature Calibration Report

Serial Number:	275HT
Tool Model:	PTS275HT
Performed:	Sun Jun 13 13:33:21 1993

	Reference		Reading	
Low Reference:	0.00	degF	0.00	cps
High Reference:	1.00	degF	1.00	cps

Gain:	1.00
Offset:	0.00
Delta Spacing	1