PIONEER
Pioneer Energy Services

CEMENT BOND LOG
With VDL / CCL / GR

Company	Anadarko Petroleum Corporation
Well	GILBERT ACORD GAS UNIT 1
Field	Wattenberg
County	Weld
State	Colorado

Company Anadarko Petroleum Corporation
Well GILBERT ACORD GAS UNIT 1
Field Wattenberg
County Weld State Colorado
Location: API # : 05-123-08413
990' FSL & 1650' FWL, SESW
SEC 29 TWP 3N RGE 67W

Other Services
None

Permanent Datum Ground Level Elevation 4791'
Log Measured From Kelly Bushing
Drilling Measured From KB = 10'

Elevation
K.B. 4801'
D.F. 4800'
G.L. 4791'

Date	2 July 2014
Run Number	One
Depth Driller	7793'
Depth Logger	7570'
Bottom Logged Interval	7570'
Top Log Interval	Surface
Open Hole Size	UNK
Type Fluid	Water
Density / Viscosity	~8.34 #/Gal
Max. Recorded Temp.	NA
Estimated Cement Top	SEE LOG
Time Well Ready	07:00
Time Logger on Bottom	7:30
Equipment Number	P-96
Location	Fort Morgan
Recorded By	T. REESE
Witnessed By	LUIS M.

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.63"	23	Surface	271'
Prot. String				
Production String	4.5"	11.6	SURFACE	7793'
Liner				

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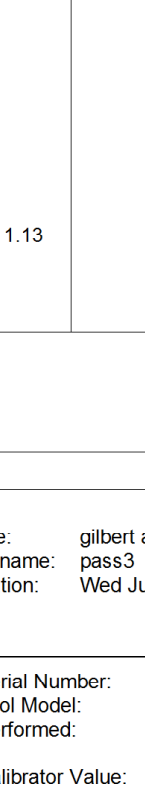
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			SDSCENT Centralizer for testing	3.00	3.25	20.00
WVF3 WVF5	13.50 12.50		CBL-Probe (050215) Probe 2.75" Dual Receiver Bond	8.75	2.75	60.00
			SDSCENT Centralizer for testing	3.00	3.25	20.00
CCL	5.23		CCL-titan01 (01t)	1.92	2.75	
GR	1.13		GR-probe 2.75 (51013) PROBE_GCT	4.33	2.75	100.00

Dataset: gilbert acord gas unit 1.db: field/well/run1/pass3
Total Length: 21.00 ft
Total Weight: 200.00 lb
O.D. 3.25 in

Calibration Report

Database File: gilbert acord gas unit 1.db
Dataset Pathname: pass3
Dataset Creation: Wed Jul 02 07:35:57 2014 by Log SCH 120430

Gamma Ray Calibration Report

Serial Number:	51013	
Tool Model:	probe 2.75	
Performed:	Thu Feb 23 12:03:07 2012	
Calibrator Value:	1400.0	GAPI
Background Reading:	26.8	cps
Calibrator Reading:	1120.0	cps
Sensitivity:	0.9000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	050215		
Tool Model:	Probe		
Performed:	Wed Jul 02 07:09:18 2014		
Depth:	77.4	ft	
Casing Diameter:	4.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	1	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	0.0159668	0.0154541	V
Reading in Free Pipe:	1.45645	0.944873	V
Gain:	55.6731	87.3622	
Offset:	0.111079	-1.3501	

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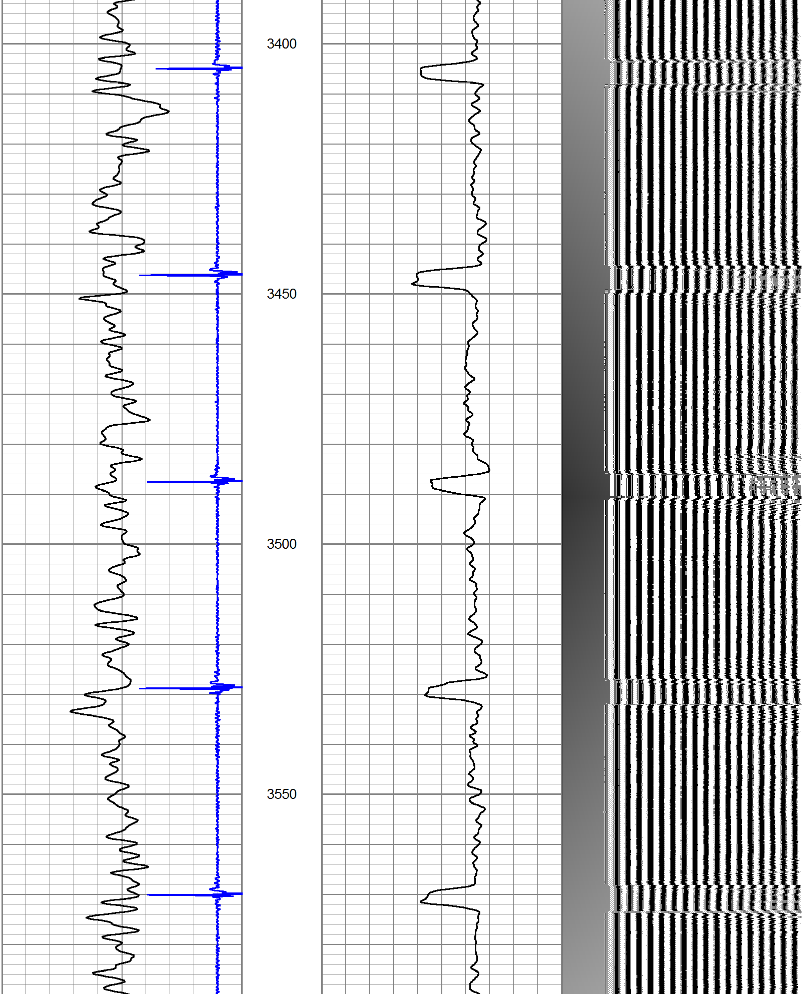
MAIN PASS

Database File: gilbert acord gas unit 1.db
Dataset Pathname: pass3
Presentation Format: cbl_dr
Dataset Creation: Wed Jul 02 07:35:57 2014 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240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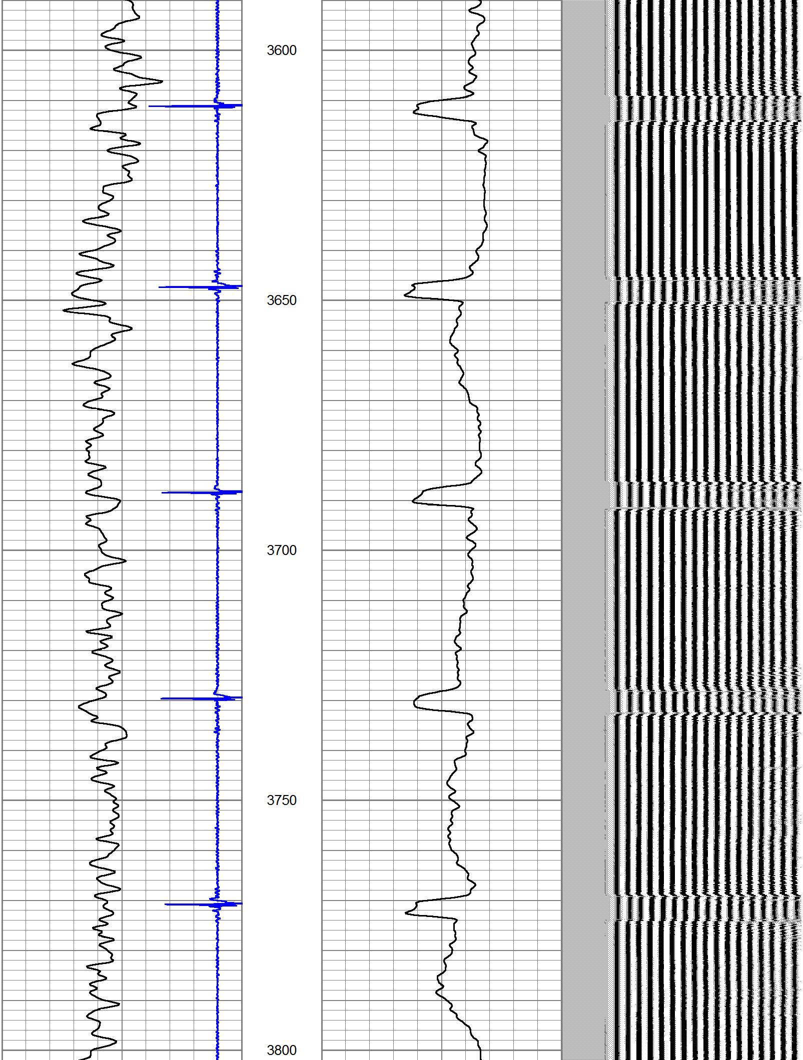
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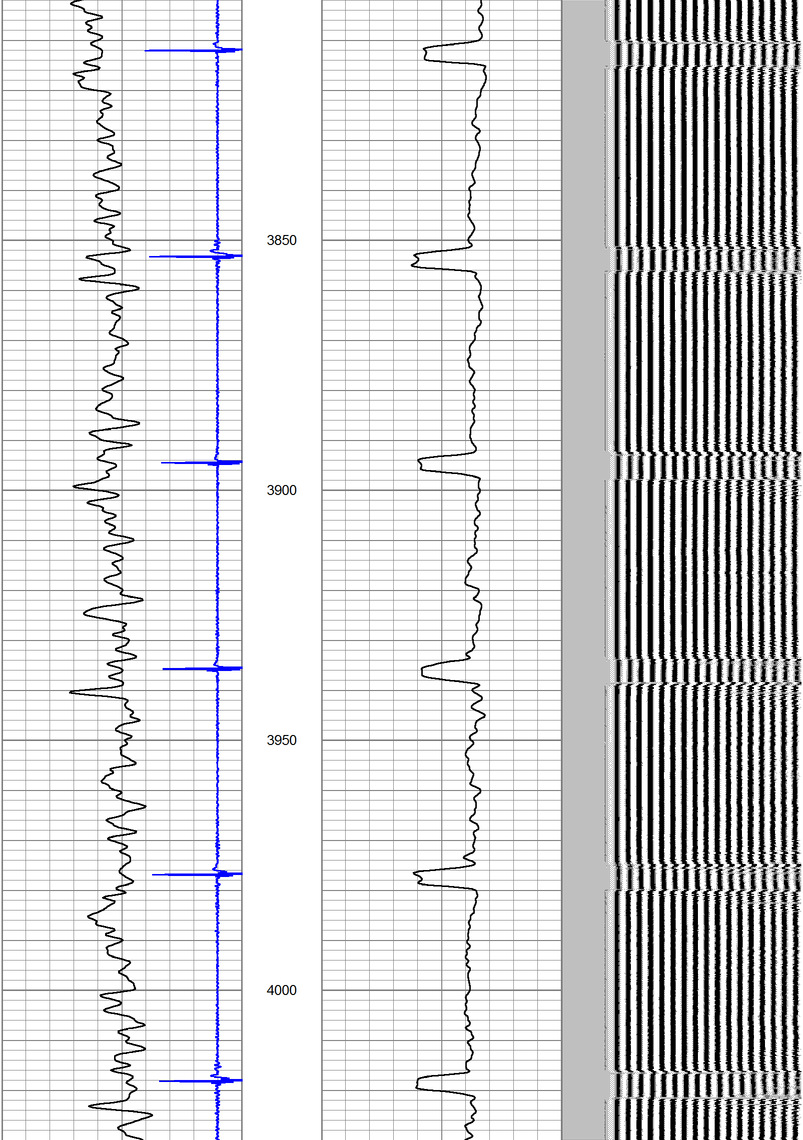
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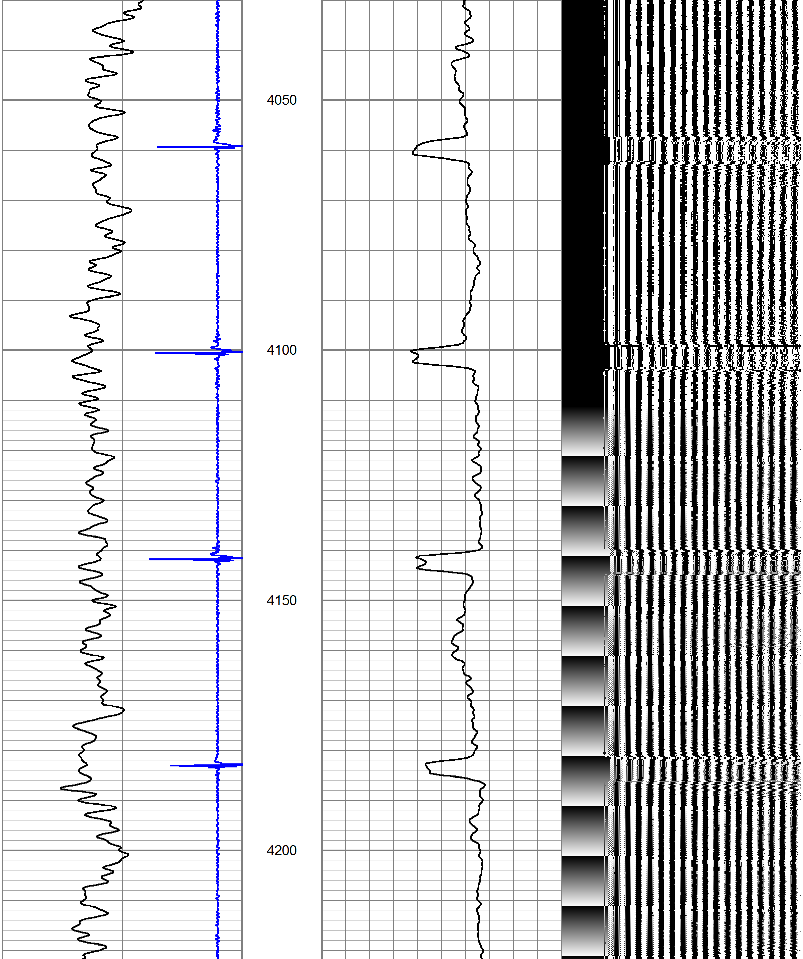
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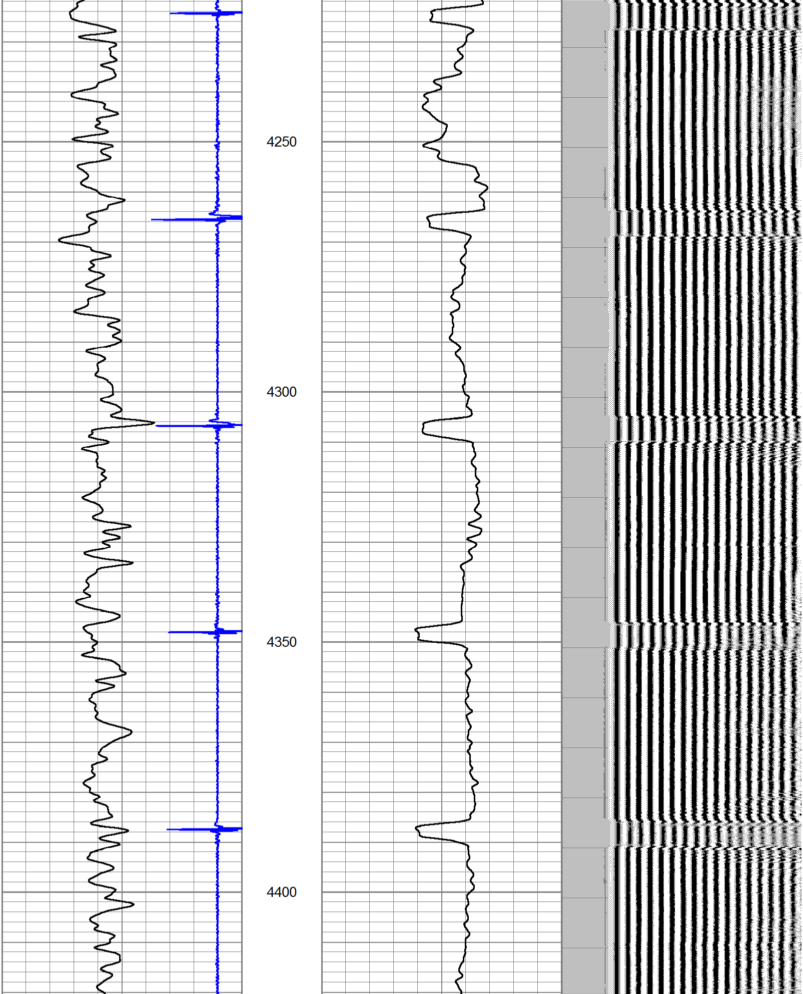
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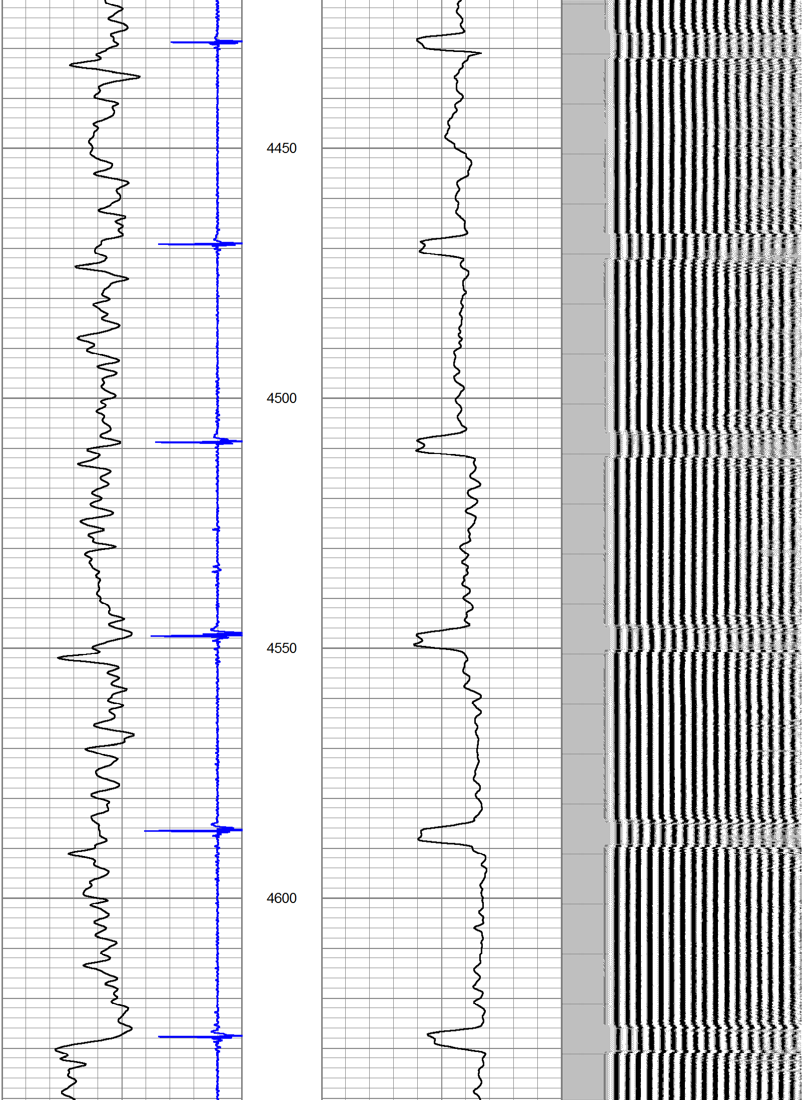
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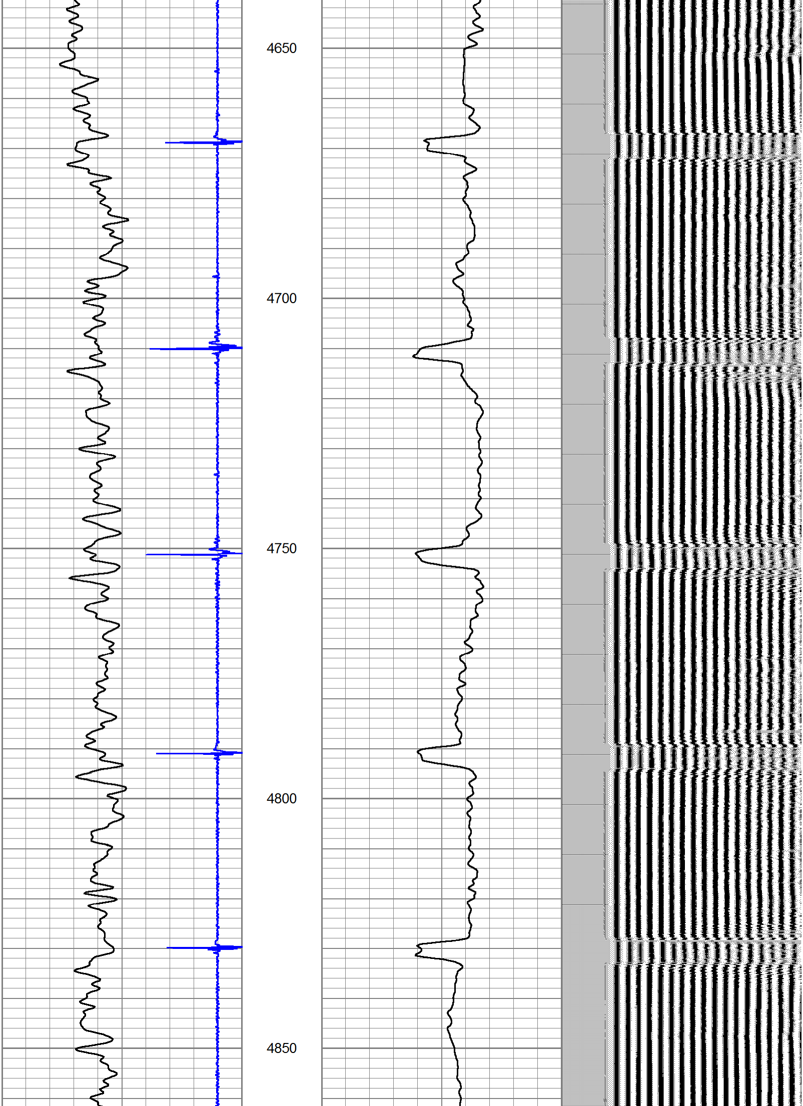
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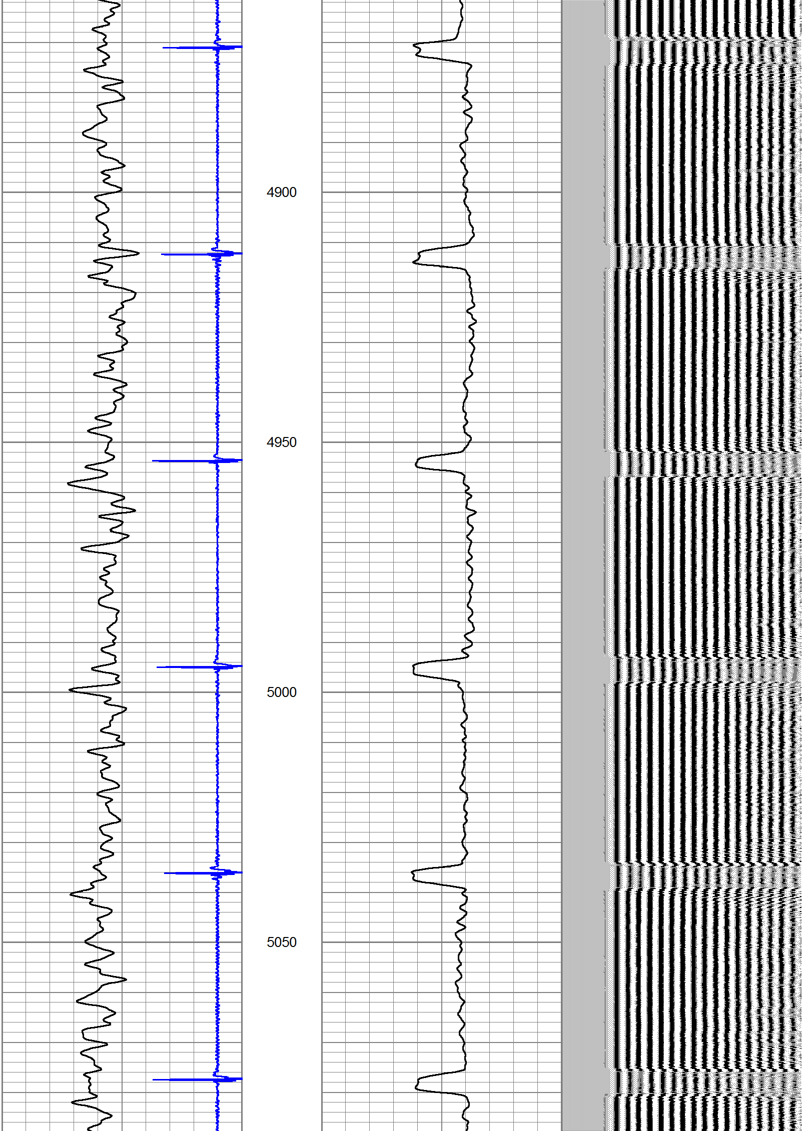
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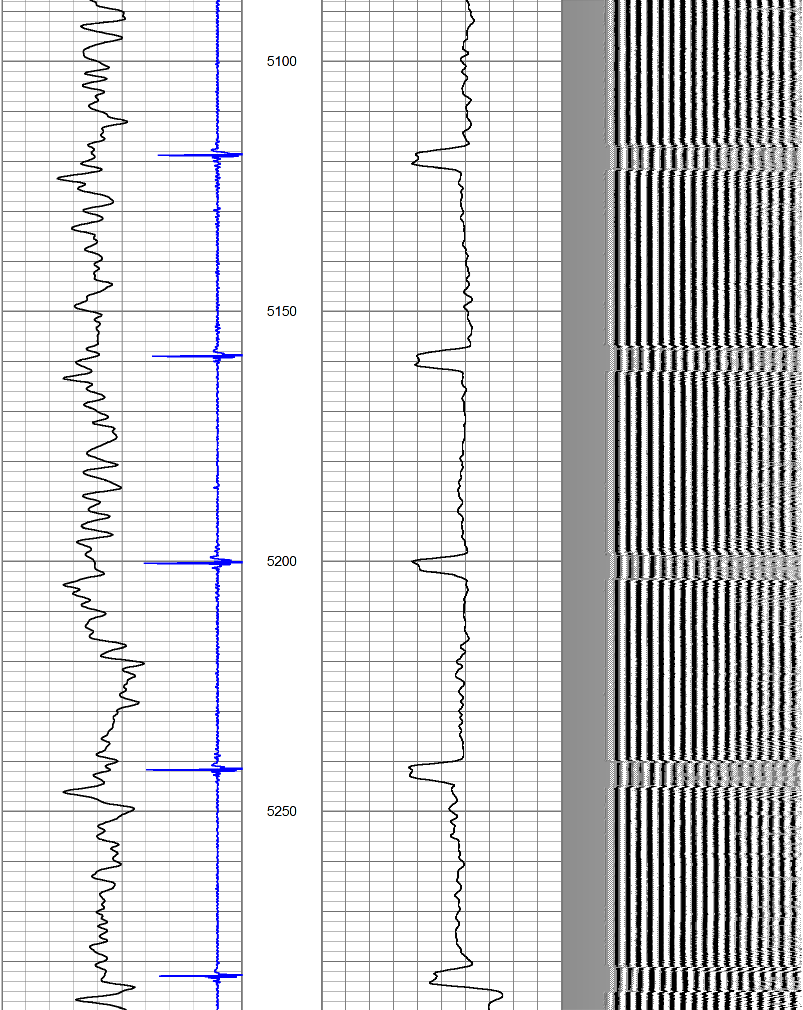
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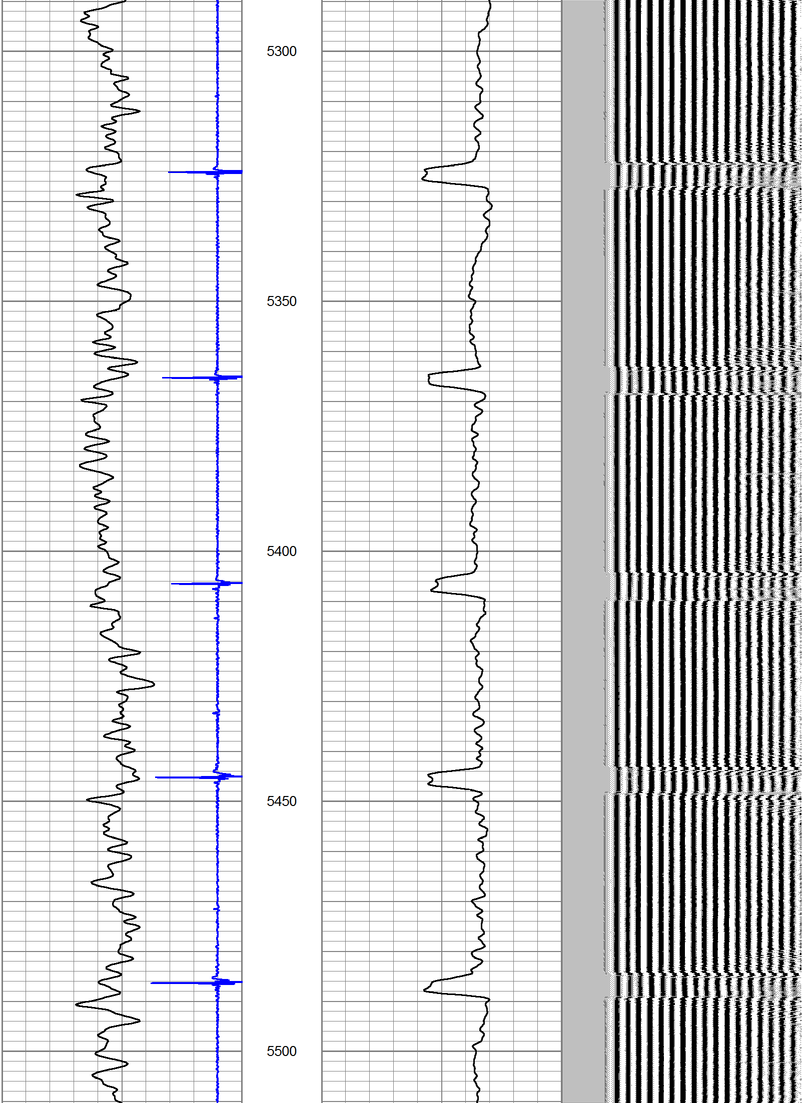
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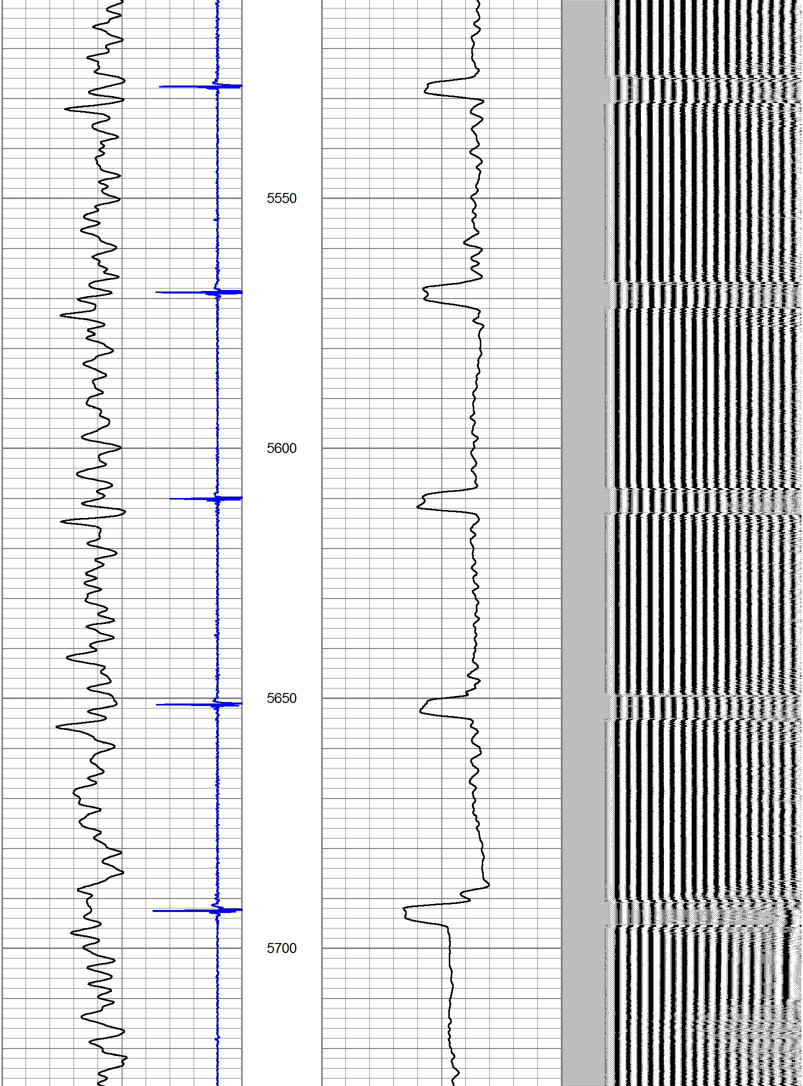
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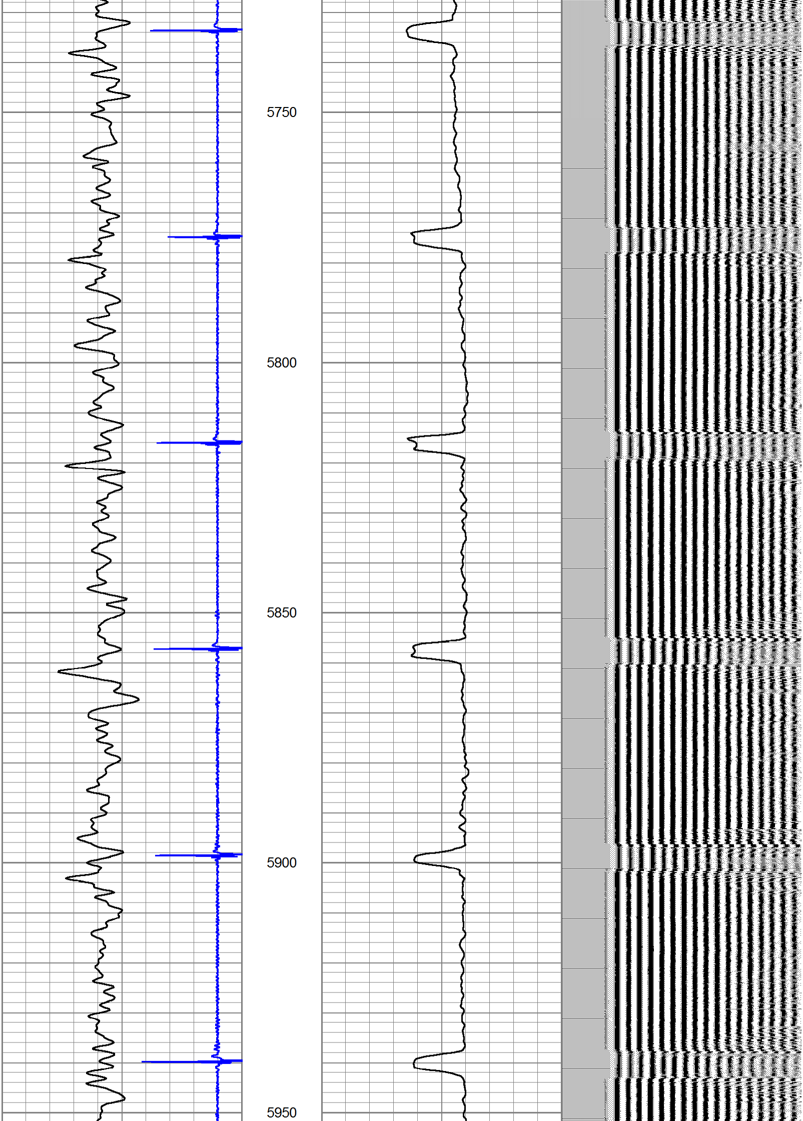
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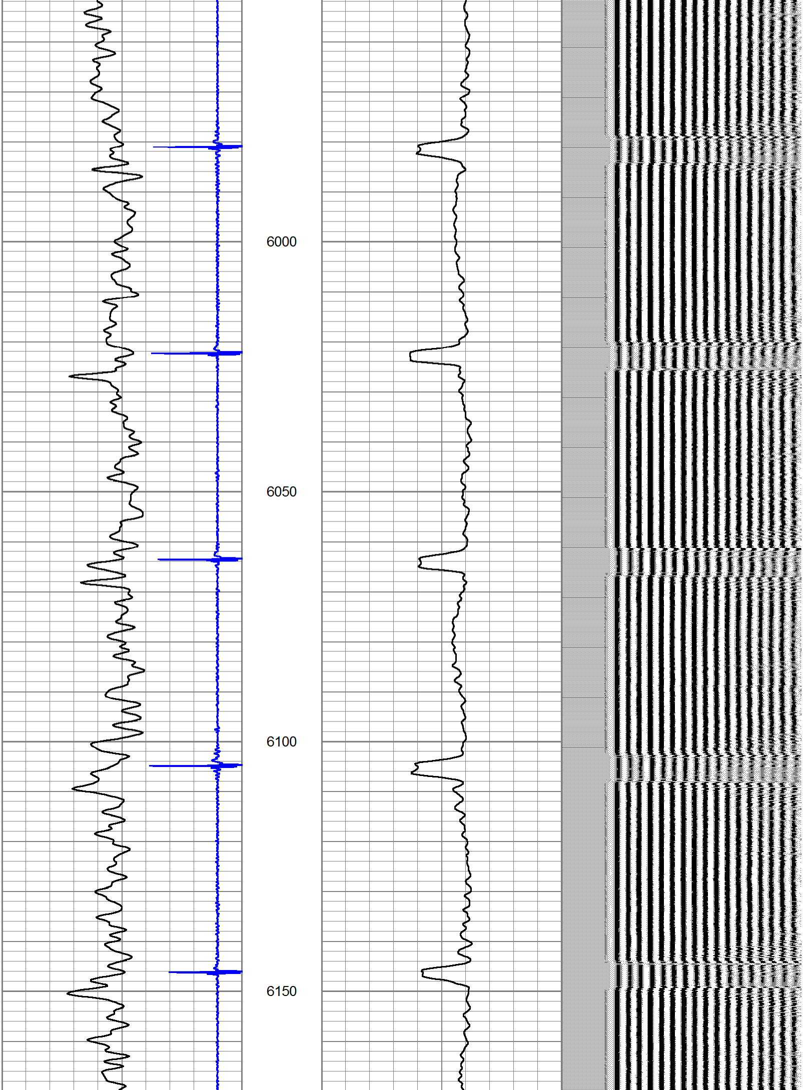
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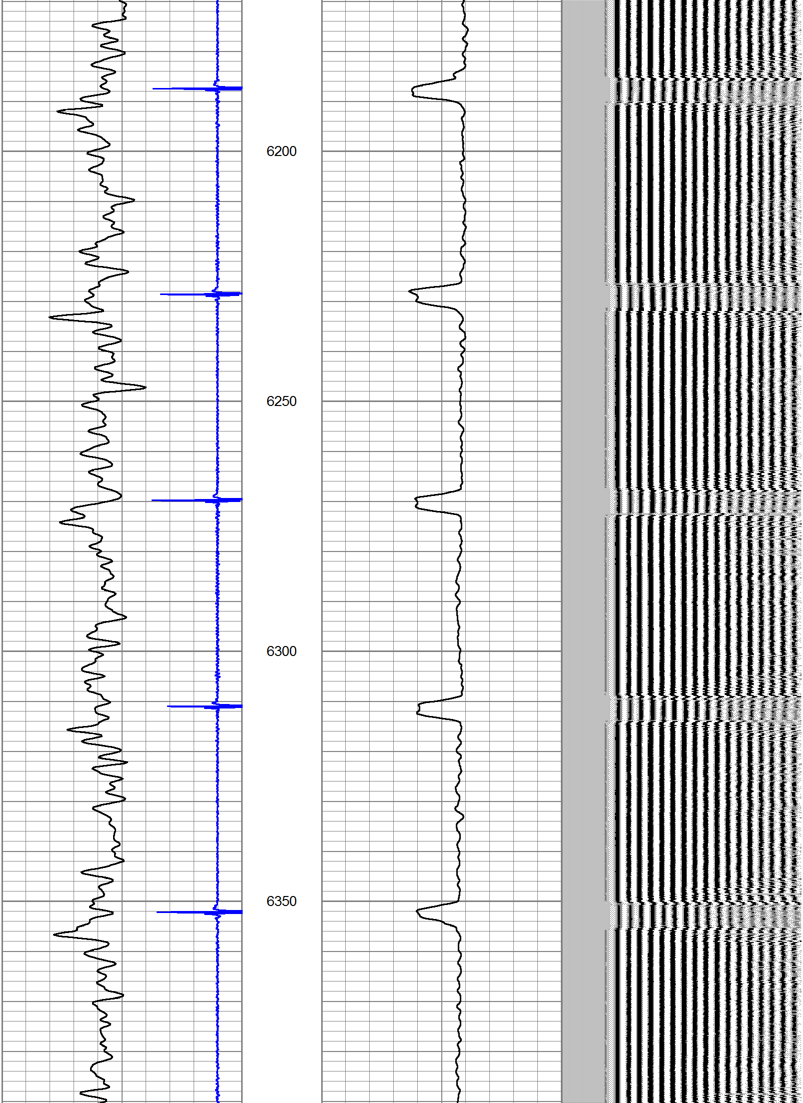
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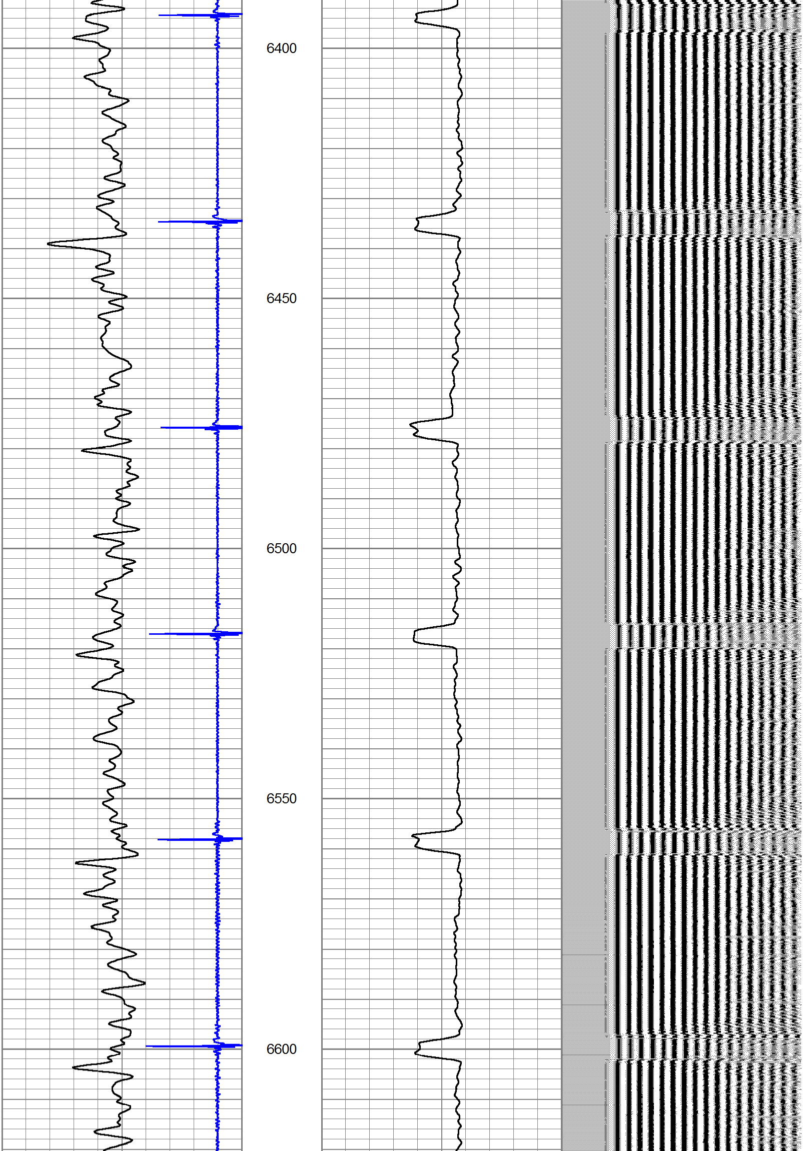
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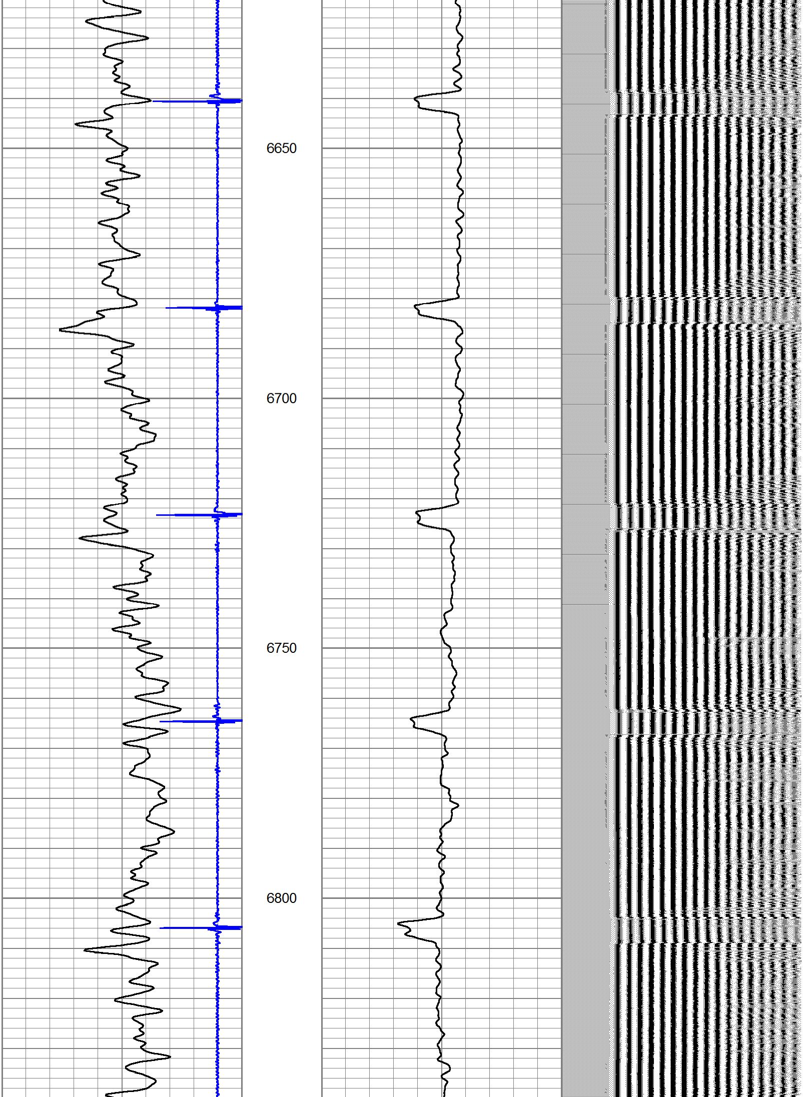
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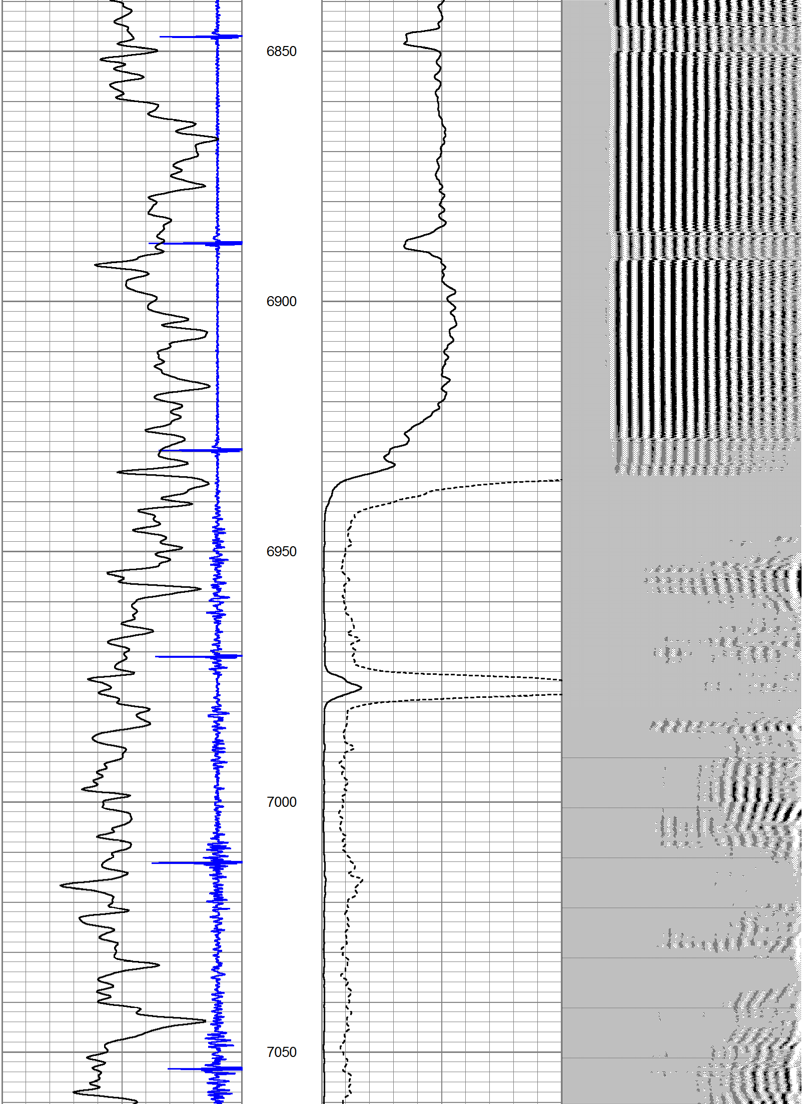
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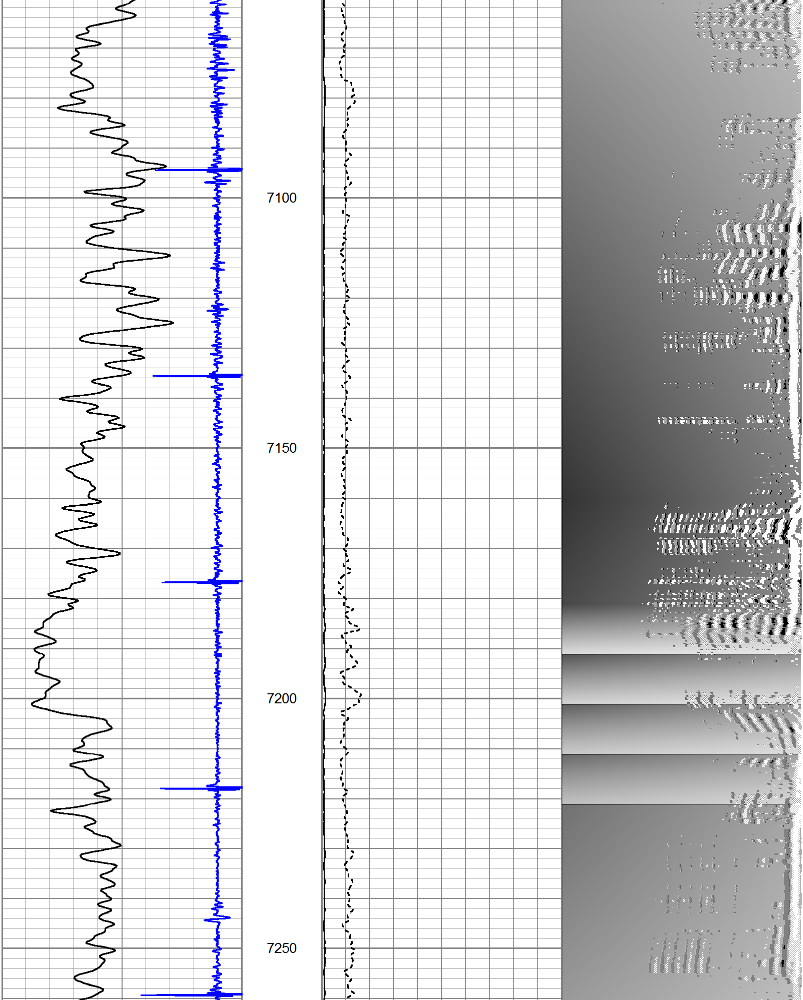
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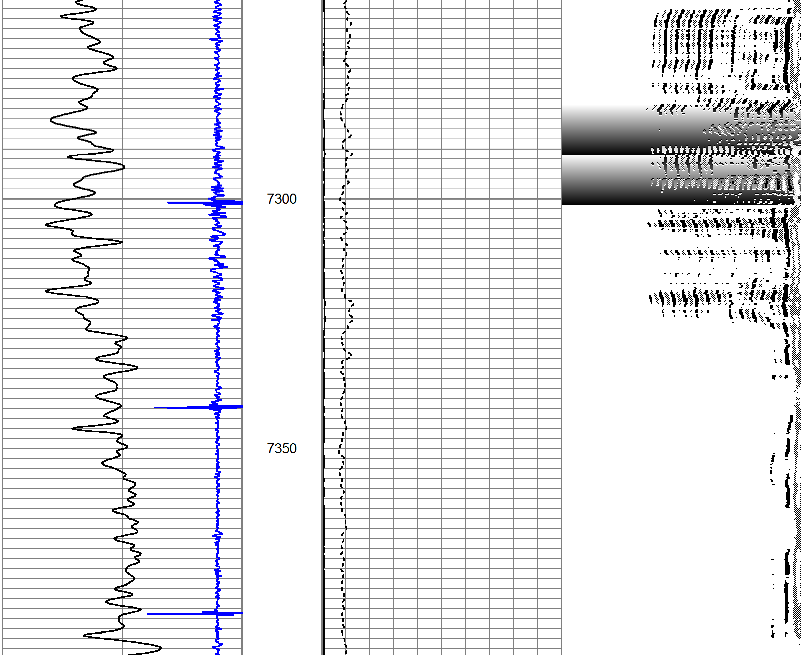
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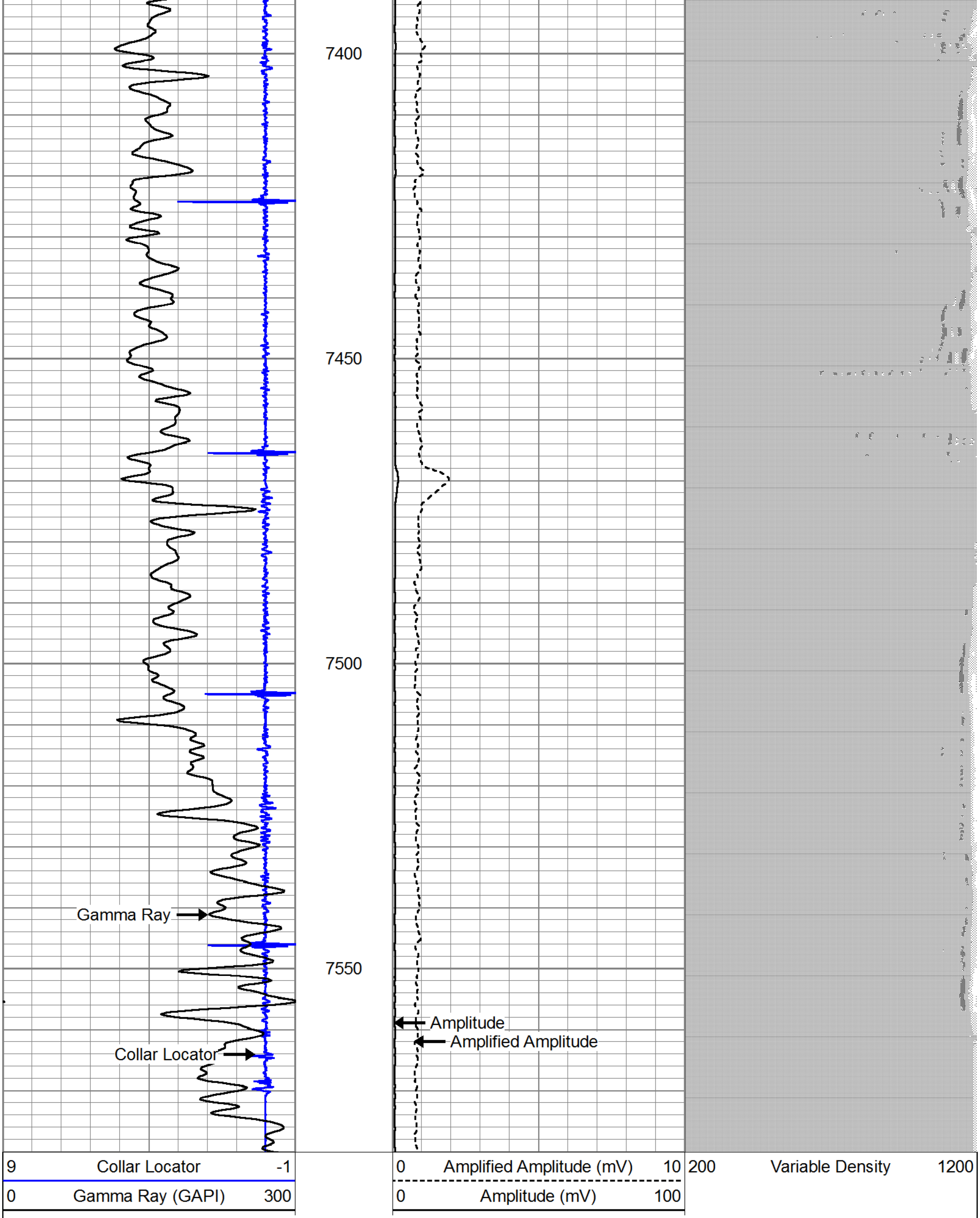

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