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CEMENT BOND / RADIAL SECTOR / TEMPERATURE GAMMA RAY / CCL

Company ANTERO RESOURCES
Well Dever A-12
Field Mamm Creek
County Garfield
State Co

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Well Dever A-12
Field Mamm Creek
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Location: API # : 05045135710000
SWNW S18-T6S-R92W
SEC 18 TWP 6S RGE 92W

Other Services

			Elevation
Permanent Datum	GROUND LEVEL	Elevation 5568.0'	K.B. 5586'
Log Measured From	KELLY BUSHING		D.F. 5584'
Drilling Measured From	KELLY BUSHING		G.L. 5568.0'

Date	11-19-07
Run Number	ONE
Depth Driller	8865.1'
Depth Logger	8787'
Bottom Logged Interval	8775'
Top Log Interval	Surface
Open Hole Size	7.875"
Type Fluid	Water
Density / Viscosity	
Max. Recorded Temp.	241F
Estimated Cement Top	
Time Well Ready	10:00 PM
Time Logger on Bottom	11:30 PM
Equipment Number	7488
Location	Casper
Recorded By	D Metcalf
Witnessed By	Dean Davis

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625		Surface	1155'
Prot. String				
Production String	5.5	17#	Surface	8863.6'
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 using Black Warrior Wireline
No Open hole logs were available for correlation

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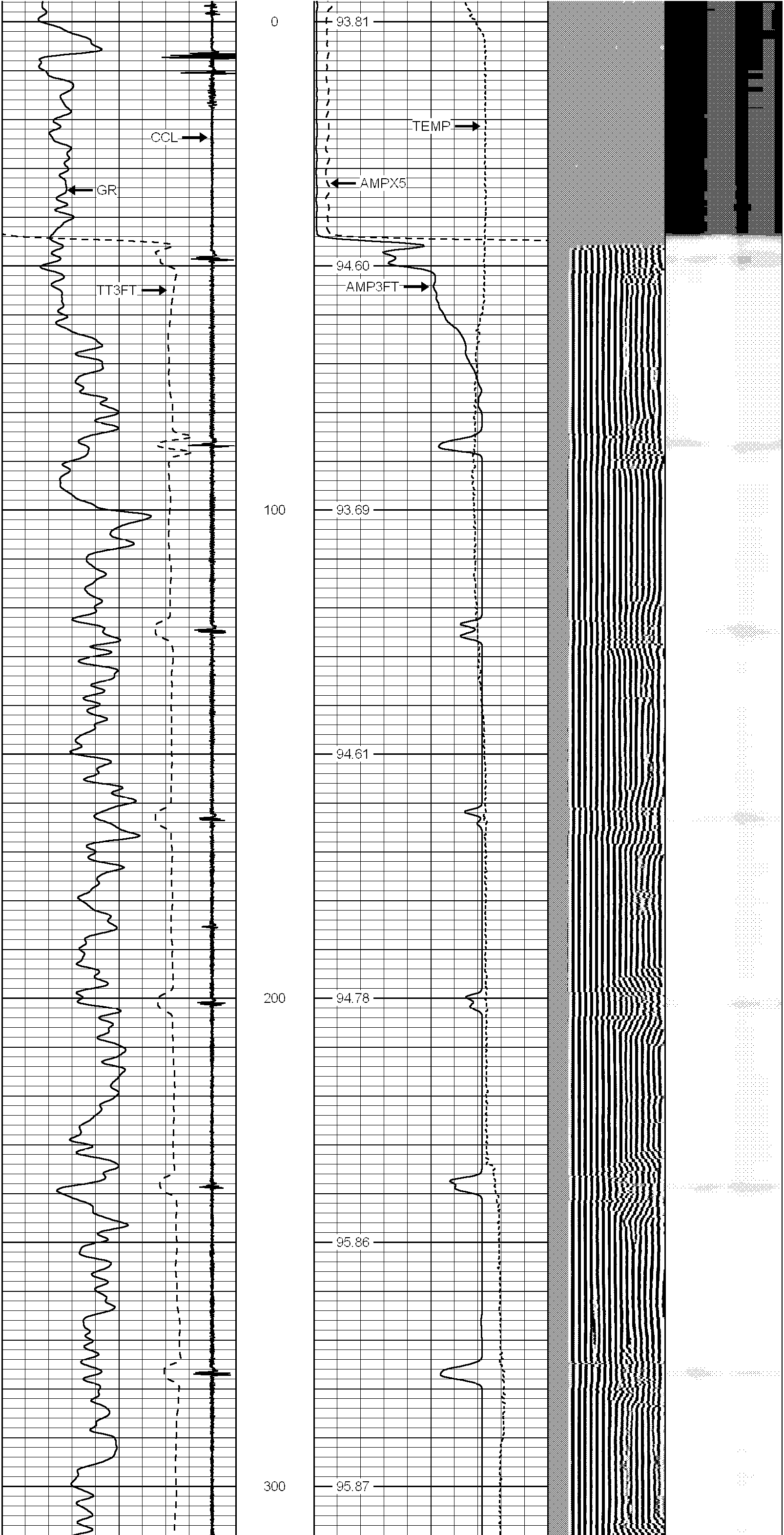
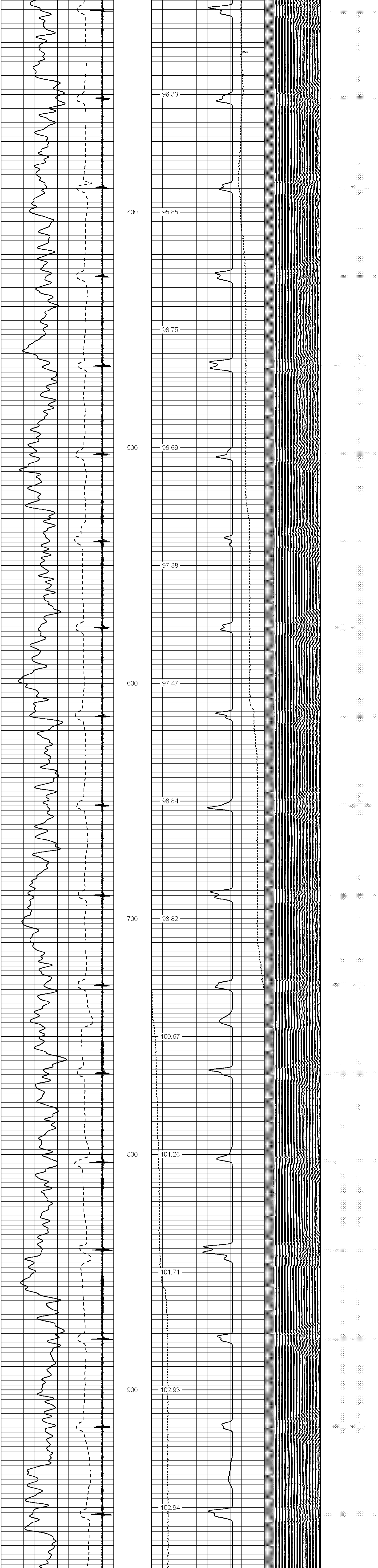
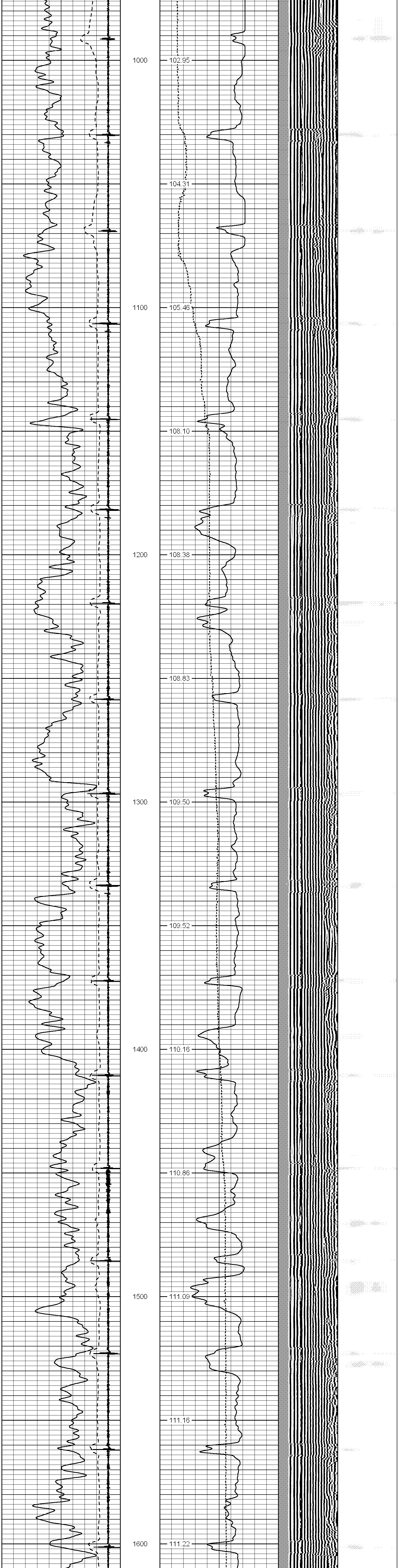
MAIN LOG 0 PSI

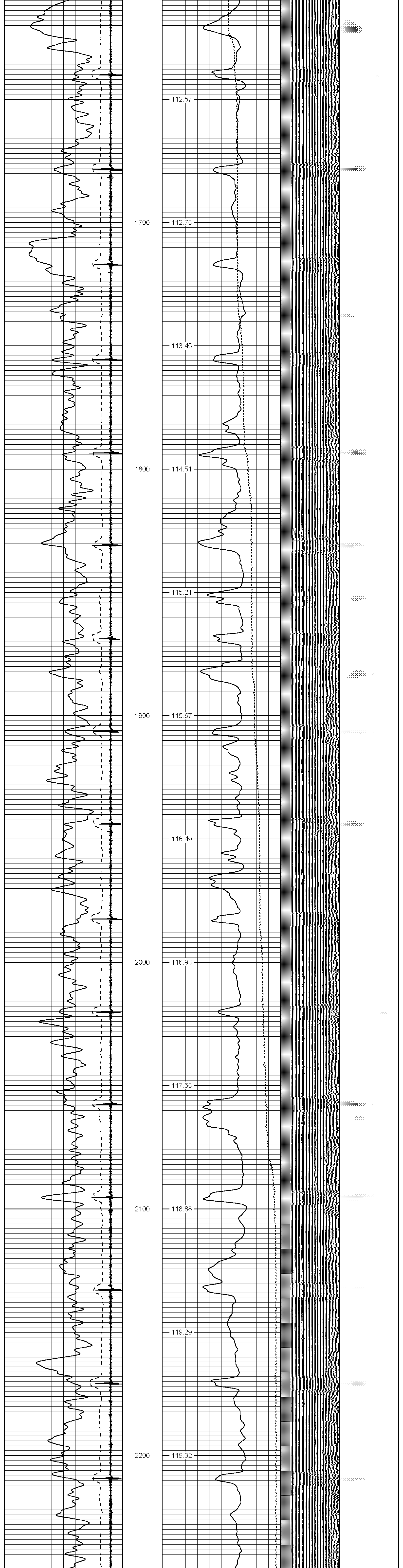
Database File: antero.db
Dataset Pathname: pass11
Presentation Format: 1scbtvad
Dataset Creation: Mon Nov 19 05:29:29 2007 by Calc Std Casedhole 06040
Charted by: Depth in Feet scaled 1:240

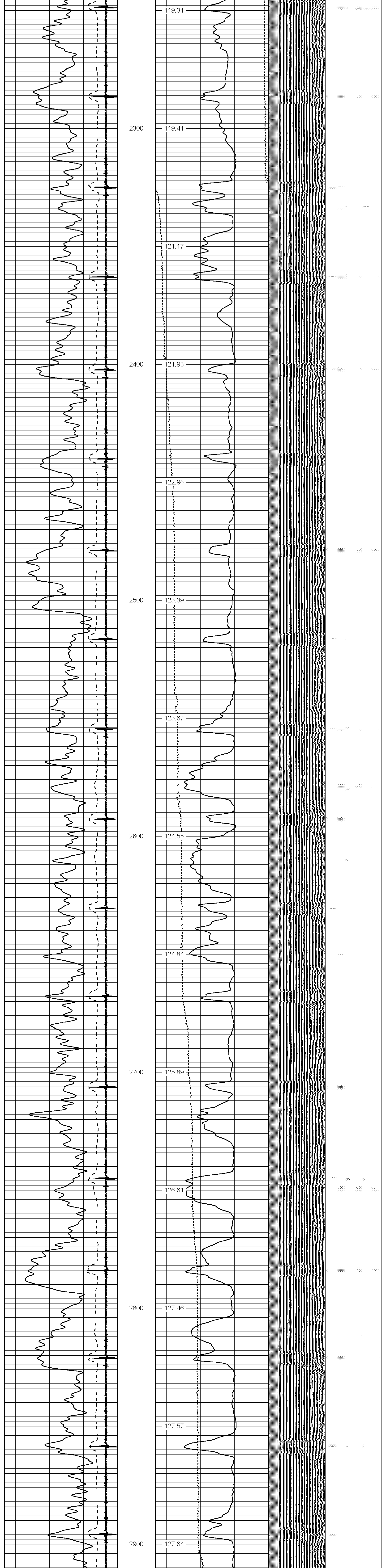
350	Travel Time (usec)	250	0	AMP3FT (mV)	100	200 VDL 1200	1 VAD 8
0	Gamma Ray (GAPI)	150	0	AMPX5 (mV)	20		
9	Casing Collar	-1	60	TEMP (degF)	80		

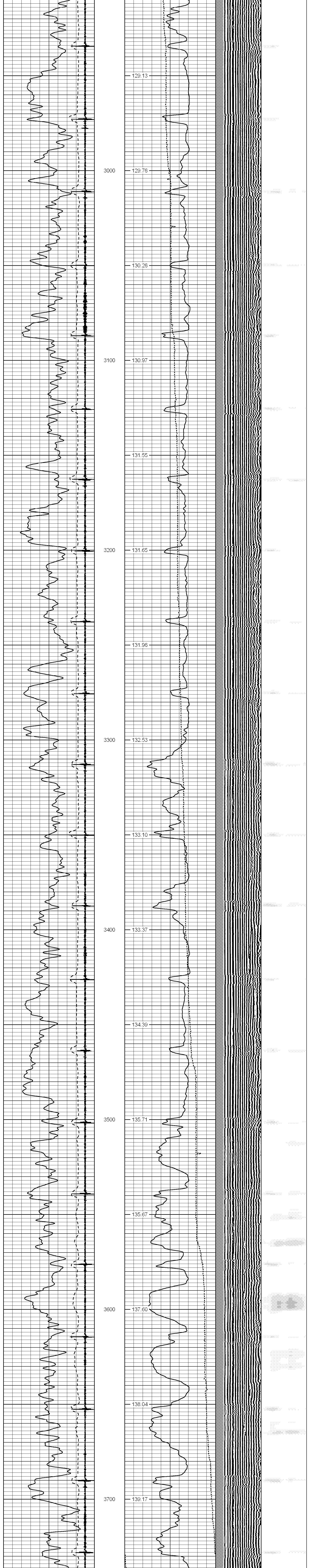


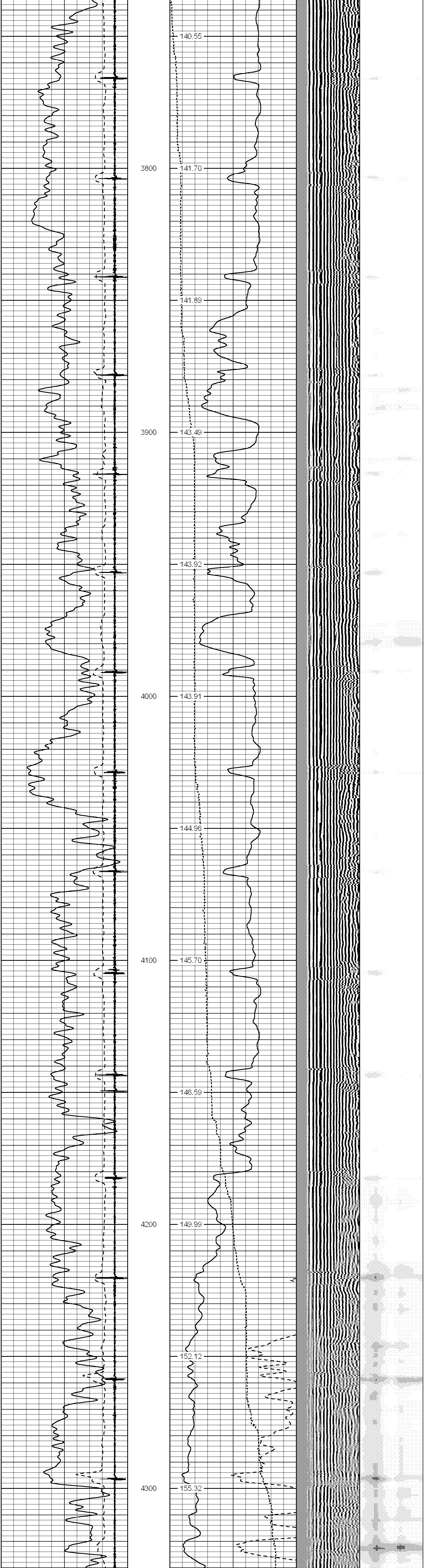








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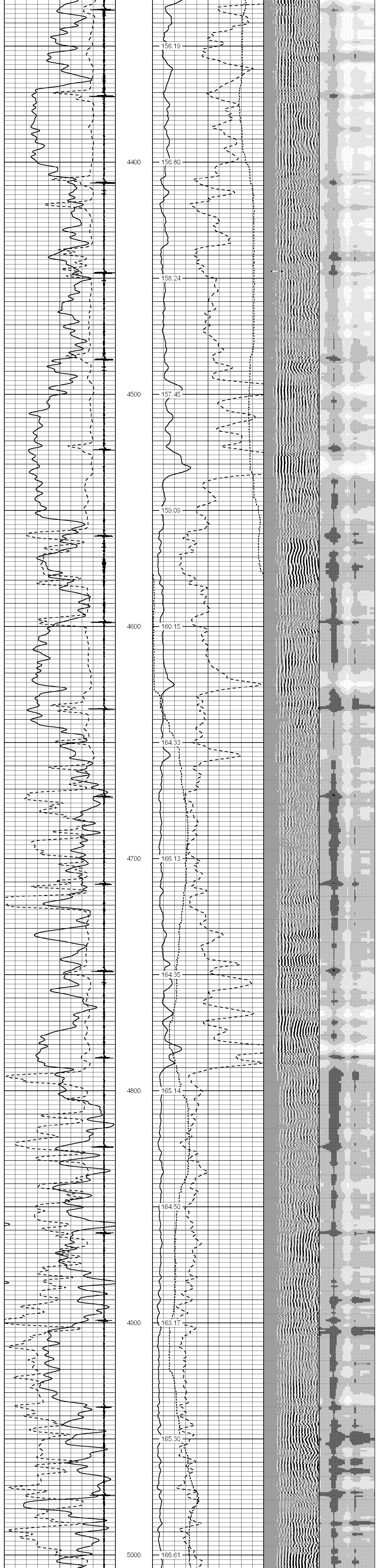
4300
155.32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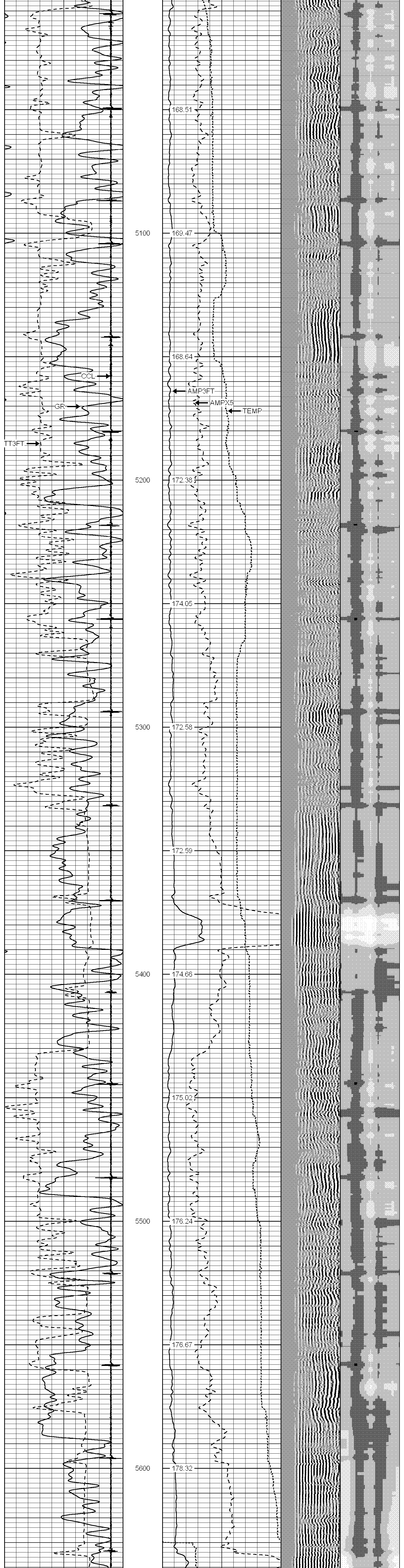
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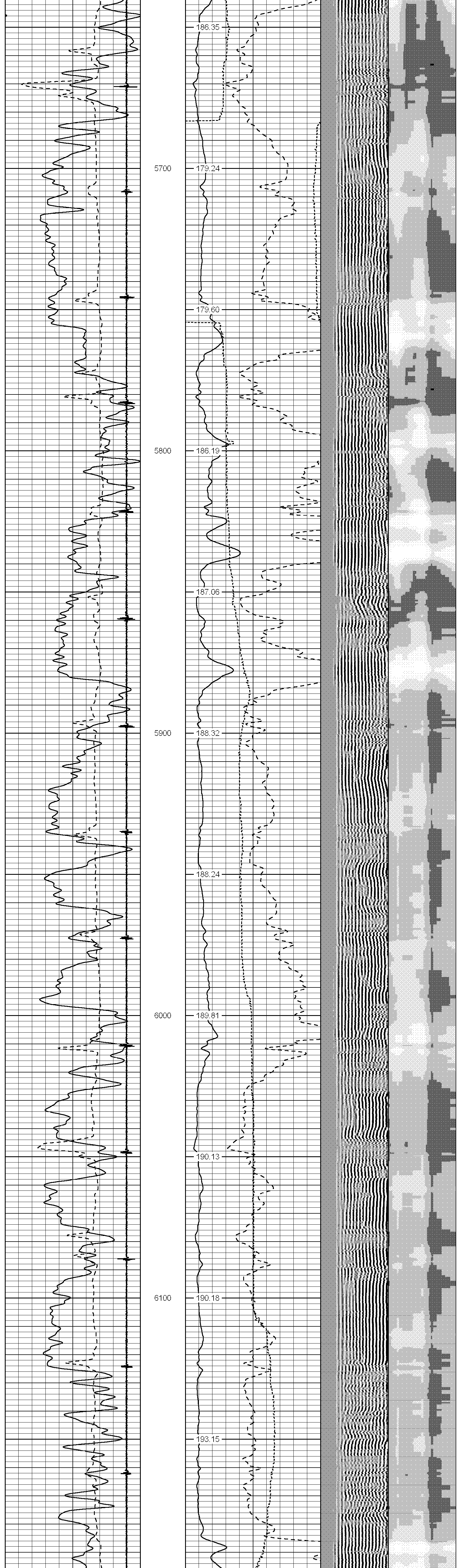
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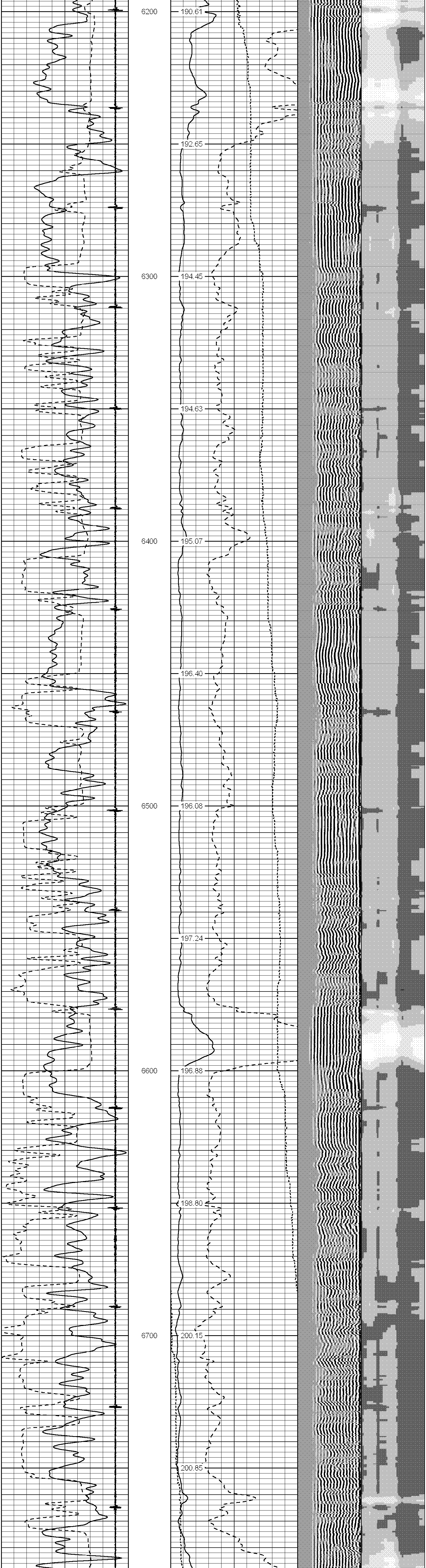
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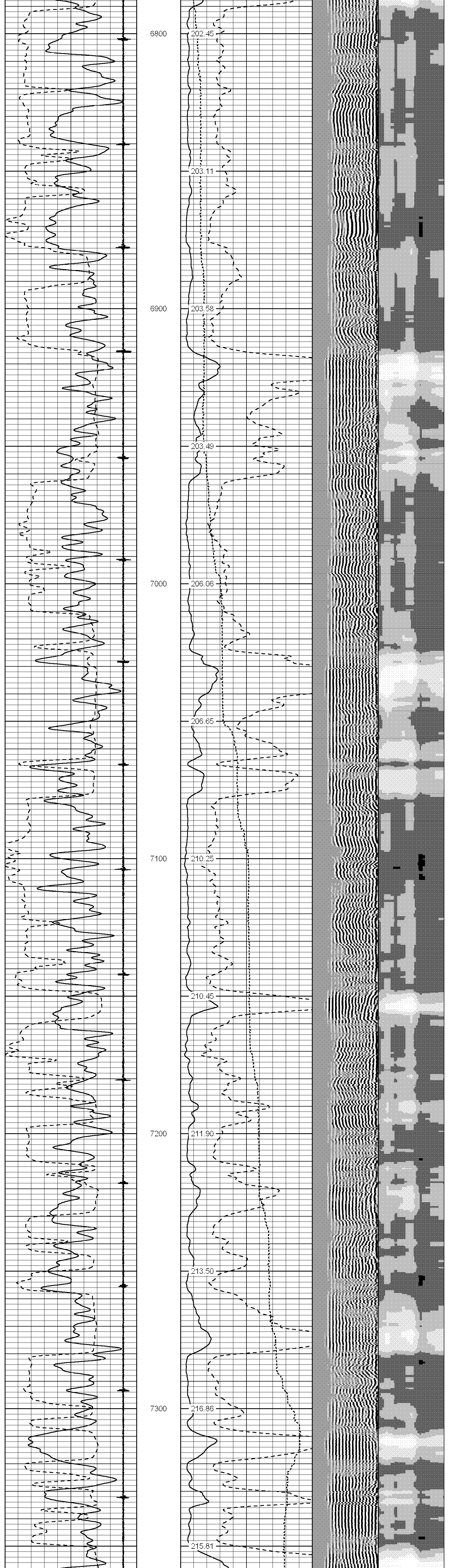
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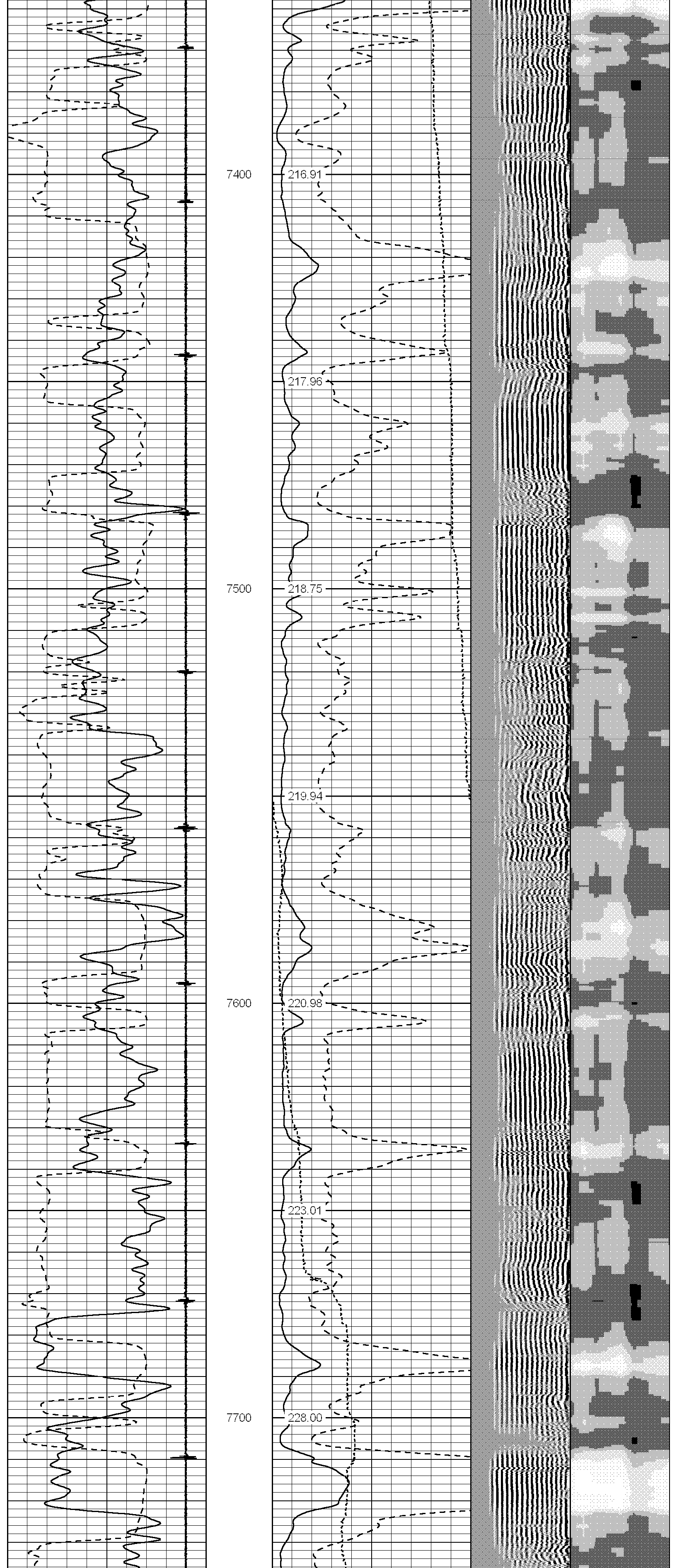
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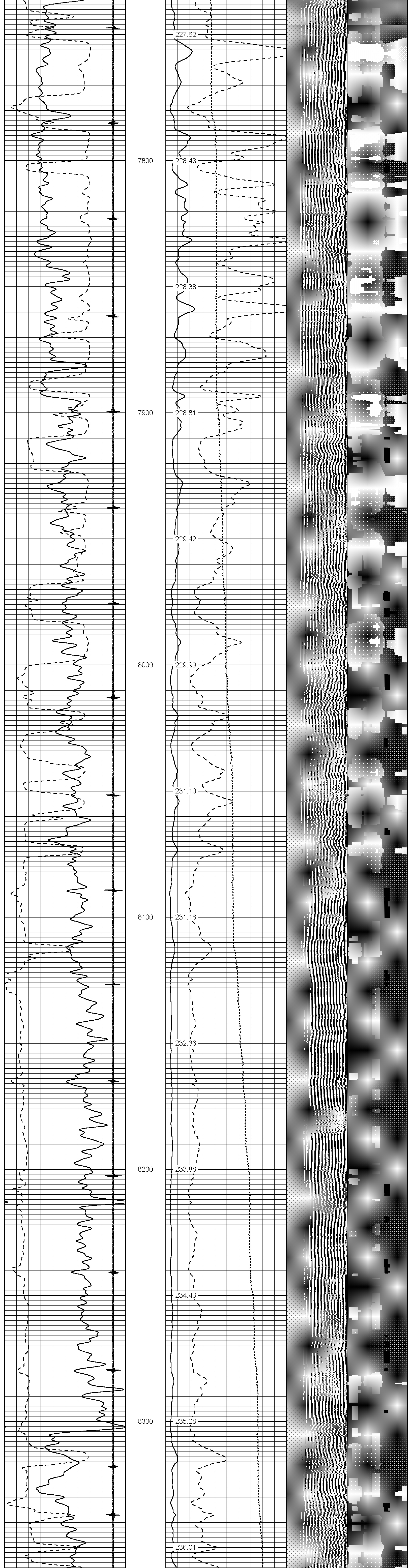

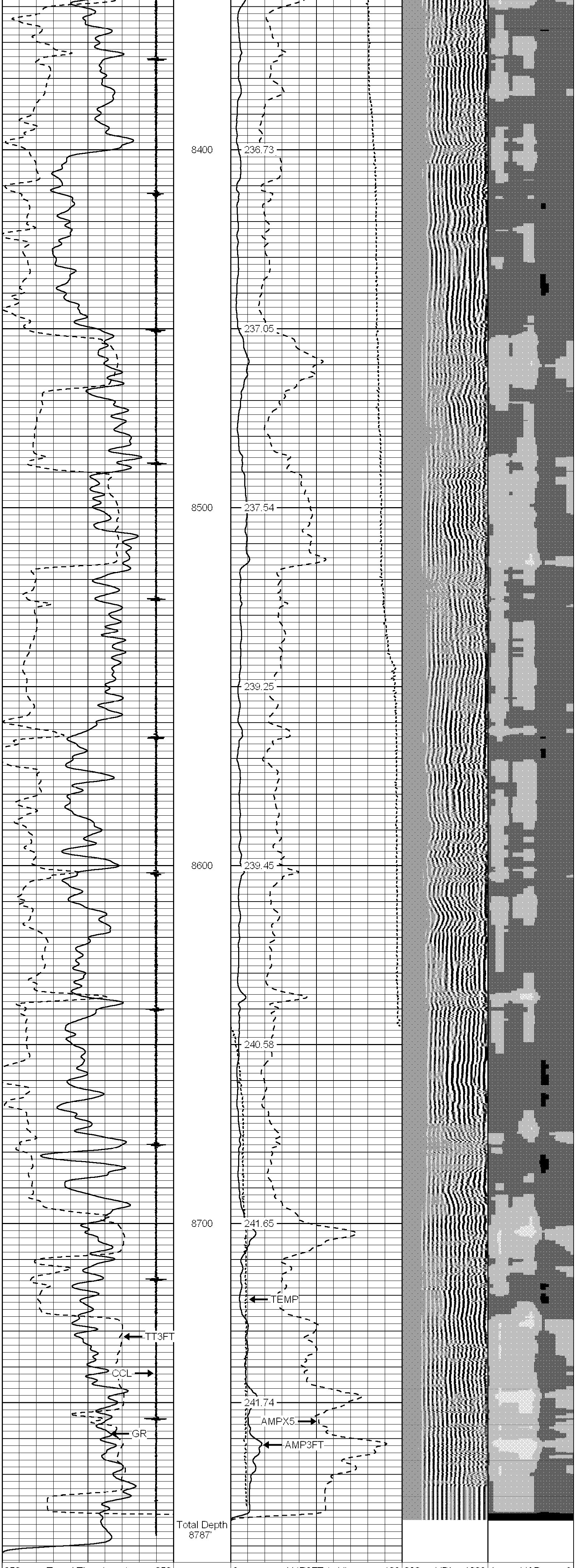

350	Travel Time (usec)	250	0	AMP3FT (mV)	100	200 VDL 1200
0	Gamma Ray (GAPI)	150	0	AMPX5 (mV)	20	1 VAD 8
9	Casing Collar	-1	60	TEMP (degF)	80	

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MAIN LOG 0 PSI

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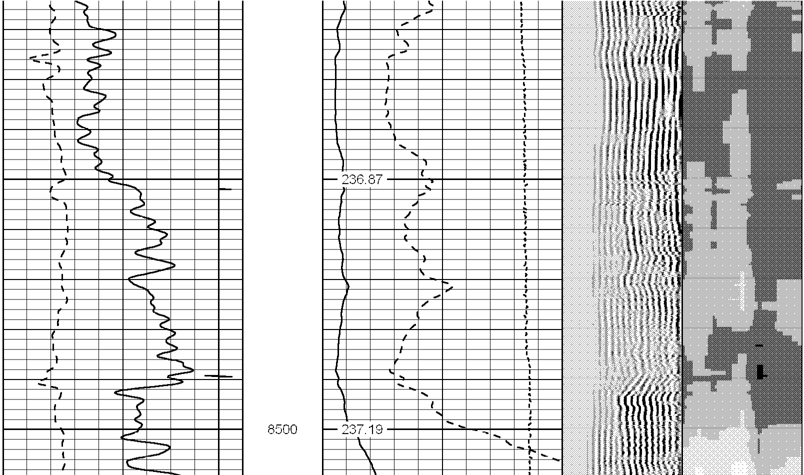
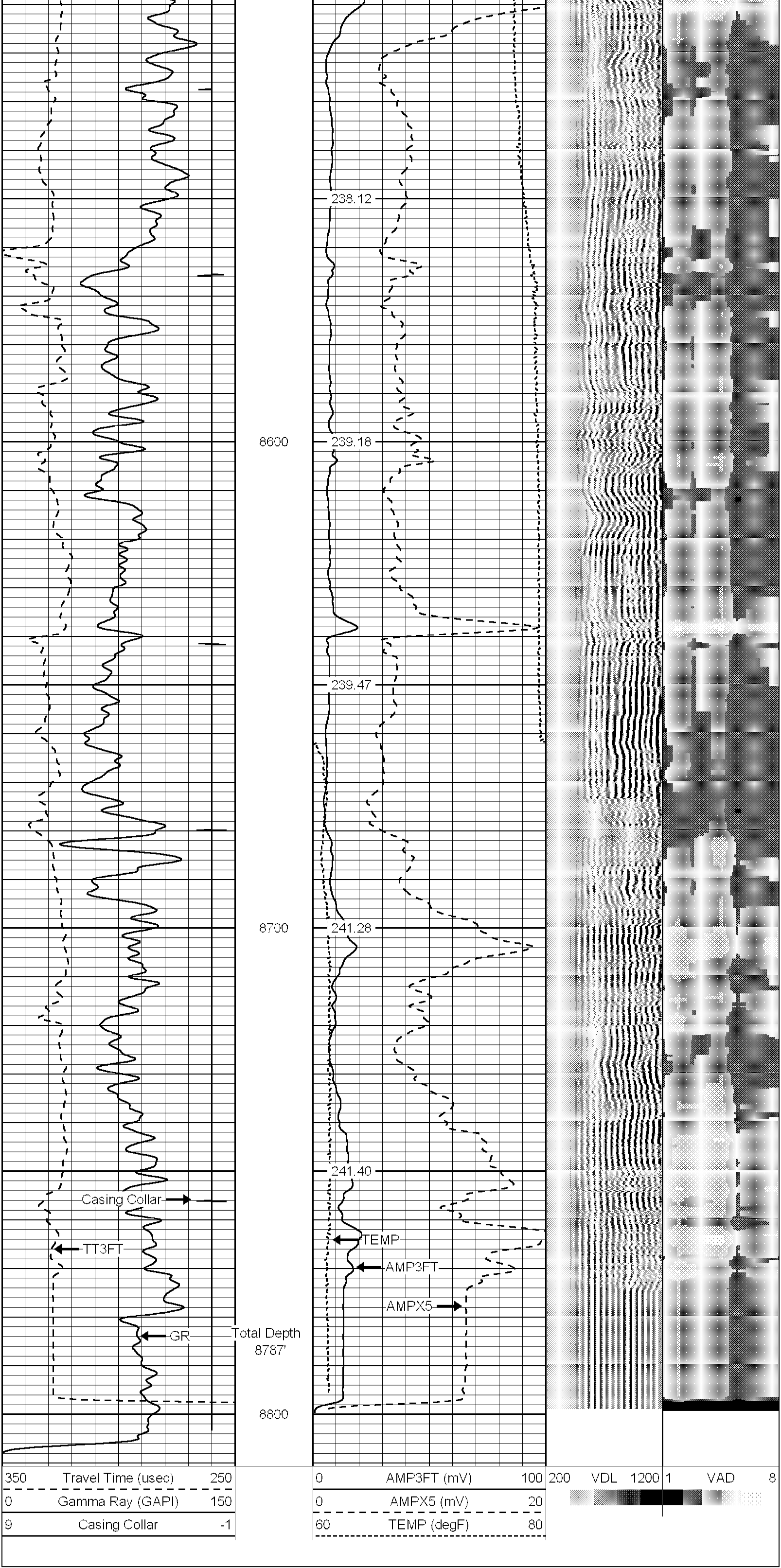
REPEAT SECTION

Database File:	antero.db
Dataset Pathname:	pass6
Presentation Format:	1scbtvad
Dataset Creation:	Mon Nov 19 00:34:35 2007 by Log Std Casedhole 06040
Charted by:	Depth in Feet scaled 1:240

350	Travel Time (usec)	250	0	AMP3FT (mV)	100	200 VDL 1200
0	Gamma Ray (GAPI)	150	0	AMPX5 (mV)	20	1 VAD 8
9	Casing Collar	-1	60	TEMP (degF)	80	





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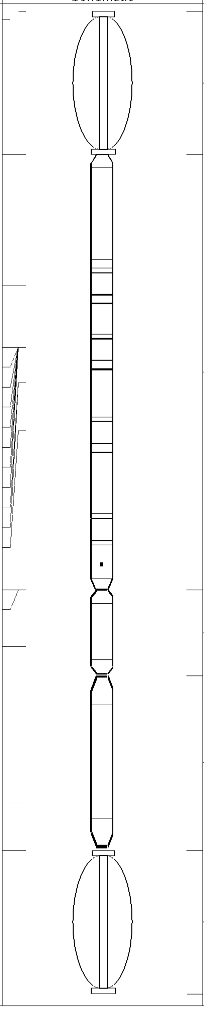
REPEAT SECTION

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CENT	20.60					
			LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00
SCBL100T	17.60					
TEMP	14.85					
WVFS1	13.56					
WVFS2	13.56		SCBL100T-Tekco100T (100T-002)	9.13	0.00	
WVFS3	13.56					
WVFS4	13.56					
WVFS5	13.56					
WVFS6	13.56					
WVFS7	13.56					
WVFS8	13.56					
WVF3FT	12.81					
WVFCAL	12.81					
WVF5FT	11.81					
WVFTEMP	8.47					
WVFSYNC	8.47					
CCL	7.29		CCL-Tekco105 (105-003)	1.81	2.75	15.00
			GR-Tekco110 (110-003)	3.66	2.75	25.00
GR	4.00					
CENT	3.00					
			LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00

Dataset: antero.db: field/well/run1/pass11
Total Length: 20.60 ft
Total Weight: 70.00 lb
O.D. 2.75 in