Company ANADARKO PETROLEUM CORPORATION
Well USA FED 4N-36HZ
Field WATTENBERG
County WELD
State COLORADO

PIONEER
Pioneer Energy Services

SECTOR BOND LOG

Company ANADARKO PETROLEUM CORPORATION
Well USA FED 4N-36HZ
Field WATTENBERG
County WELD State COLORADO

Location: API # : 05123368960000
SHL: 767' FSL X 591' FWL
BHL: 460' FNL X 515' FWL (EST)
SEC 36 TWP 3N RGE 66W

Other Services
GUAGE RING
CALIPER

Permanent Datum	GL	Elevation	5024'
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5041'
D.F. 5040'
G.L. 5021'

Date	OCT. 22, 2013
Run Number	ONE
Depth Driller	11,808'
Depth Logger	6902'
Bottom Logged Interval	6890'
Top Log Interval	SURFACE
Open Hole Size	8.25"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	238 DEG. F.
Estimated Cement Top	NA
Time Well Ready	ROA
Time Logger on Bottom	11:53 am
Equipment Number	ONE
Location	FORT MORGAN
Recorded By	RANDY AZEVEDO
Witnessed By	BRYAN JOLLY

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	937'
Prot. String				
Production String	7"	26#	SURFACE	7699'
Liner	4.5"	11.6#	6796'	11,786'

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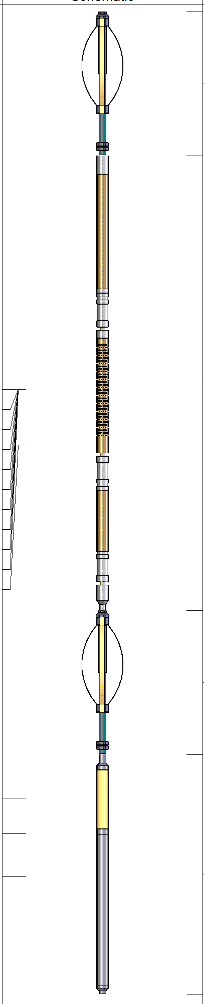
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

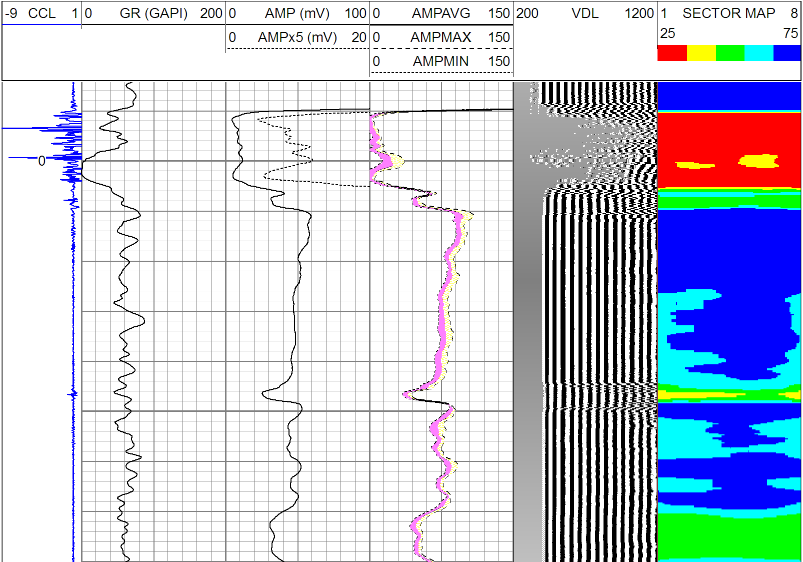
LOG CORRILATED TO LINER TOP FROM COMPLETION PROCEDURE AT 6769'
N
W X O E
S
THANK YOU FOR USING PIONEER ENERGY SERVICES.
SO # 2-204966

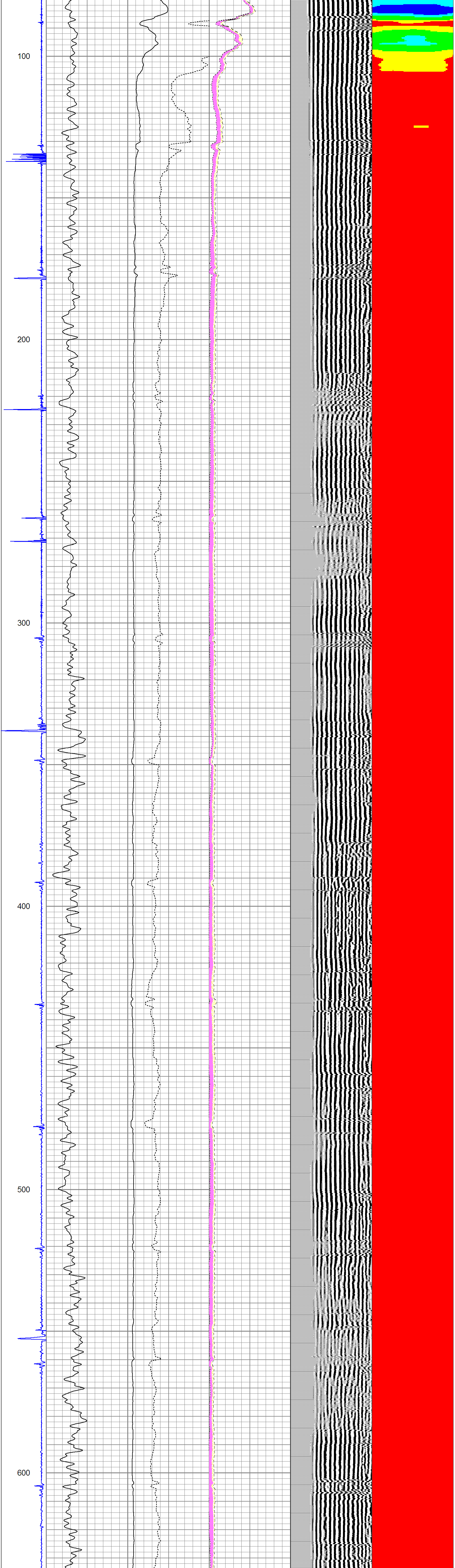


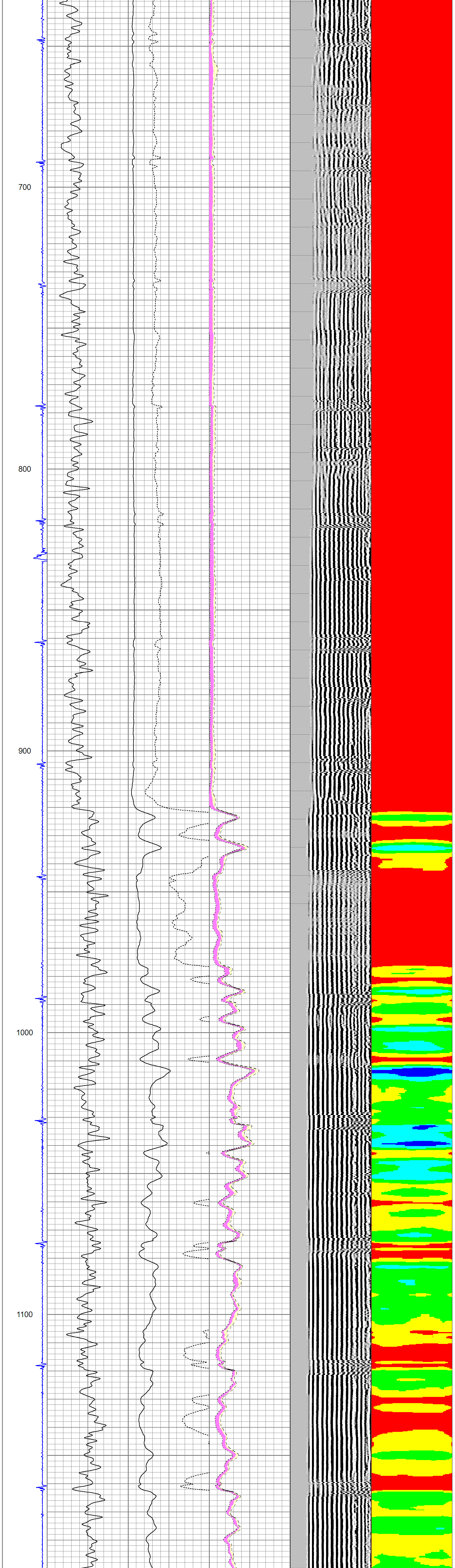
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF3FT	11.86		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFCAL	11.86					
WVFS1	11.86					
WVFS2	11.86					
WVFS3	11.86					
WVFS4	11.86					
WVFS5	11.86					
WVFS6	11.86					
WVFS7	11.86					
WVFS8	11.86					
WVF5FT	10.78					
			PTS275	2.83	2.75	
CCL	3.84		GCT-GRCCLTEMP (130608) Probe GCT	4.69	2.75	100.00
TEMP	3.14					
GR	2.30					

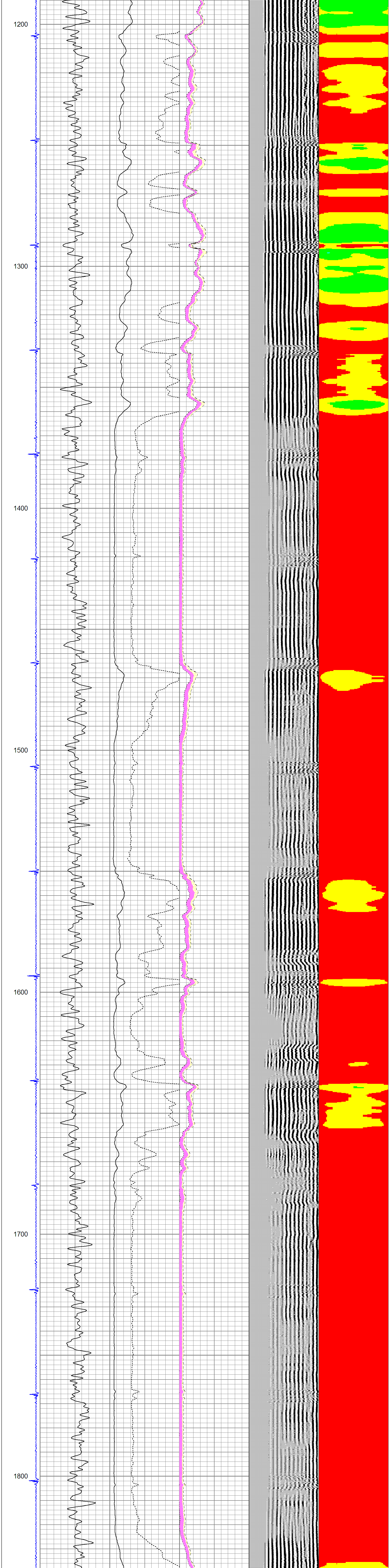
Dataset: usa fed 4n-36hz rbl.db: field/well/run1/pass3
Total Length: 19.27 ft
Total Weight: 190.00 lb
O.D. 2.75 in

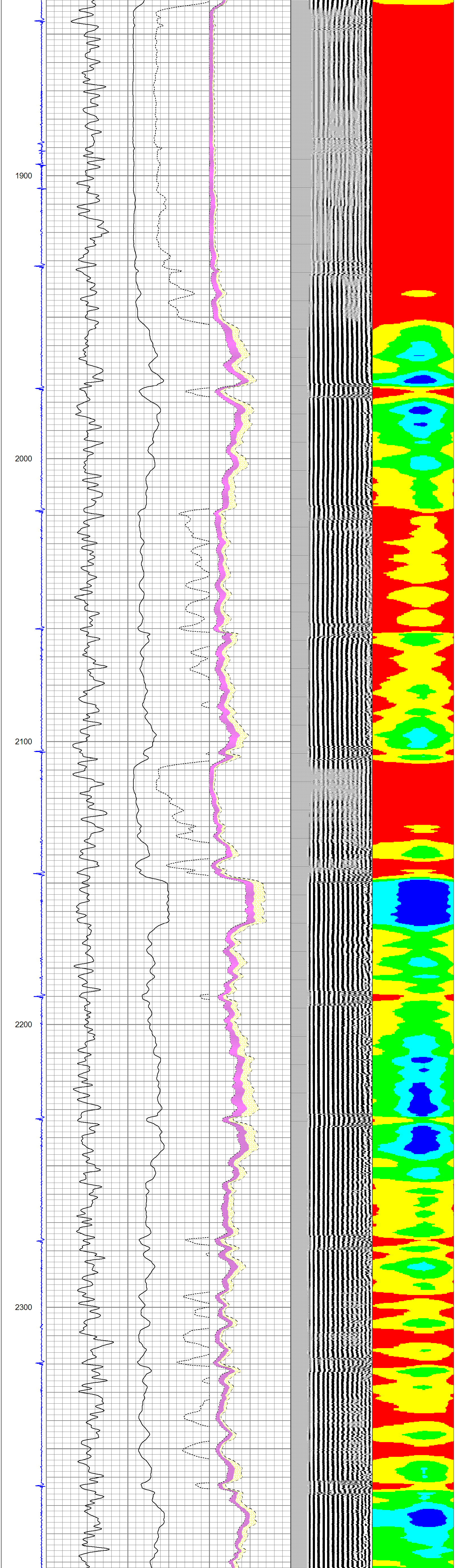
Database File:	usa fed 4n-36hz rbl.db
Dataset Pathname:	pass3
Presentation Format:	scbl02
Dataset Creation:	Tue Oct 22 11:53:15 2013 by Log SCH 120126
Charted by:	Depth in Feet scaled 1:240

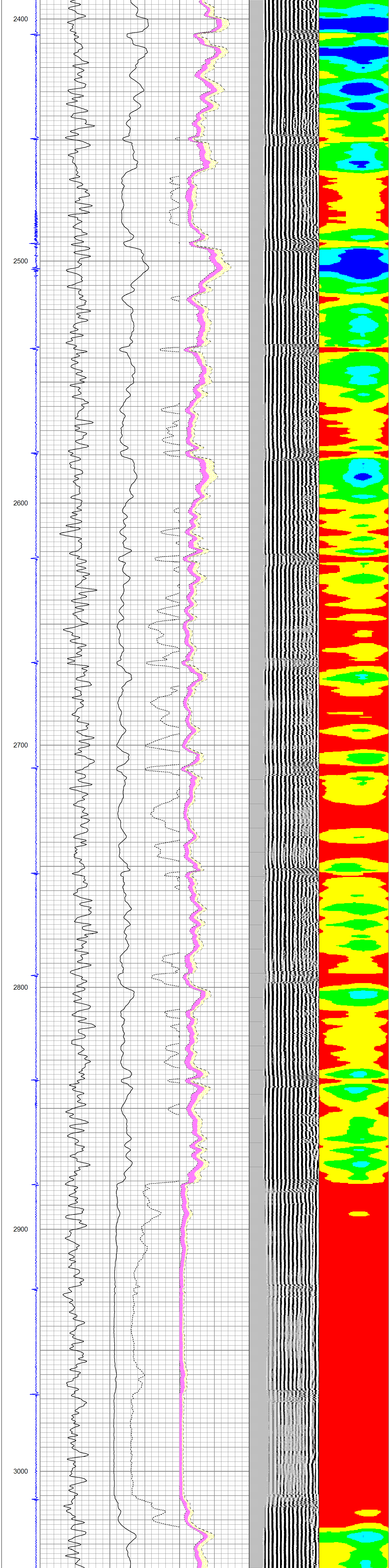


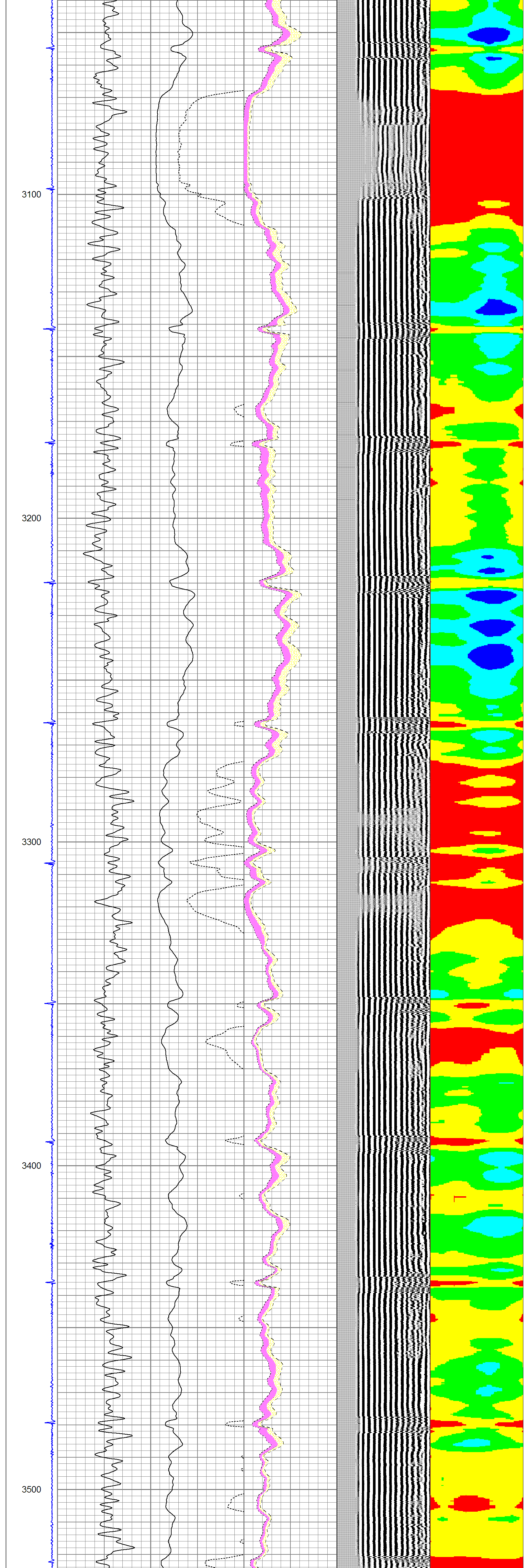


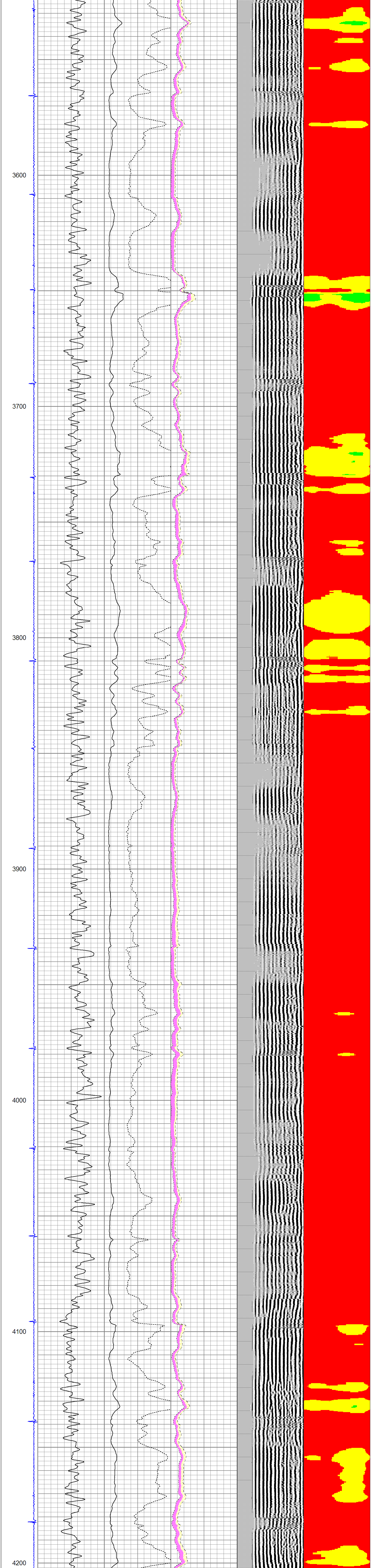








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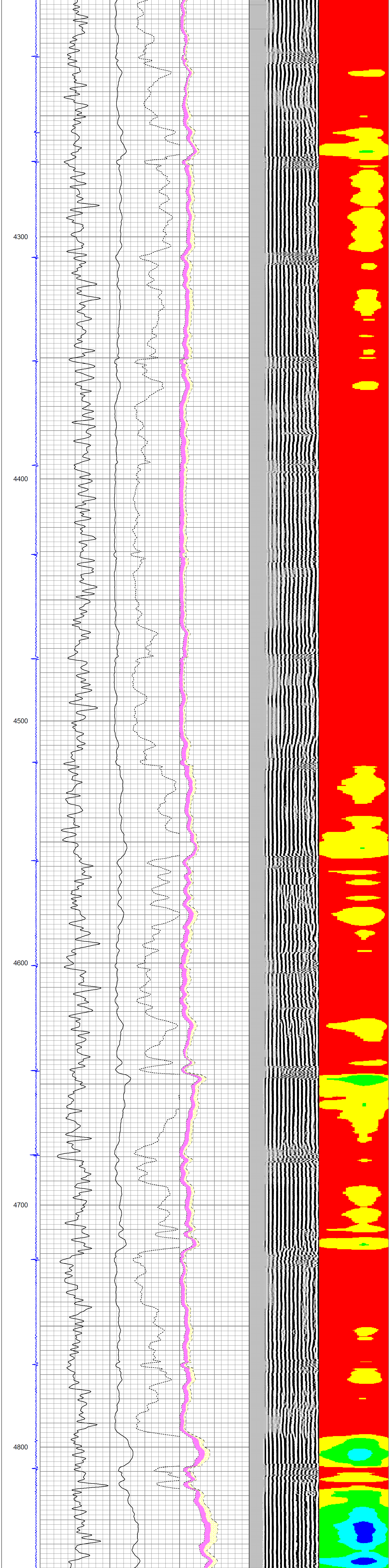
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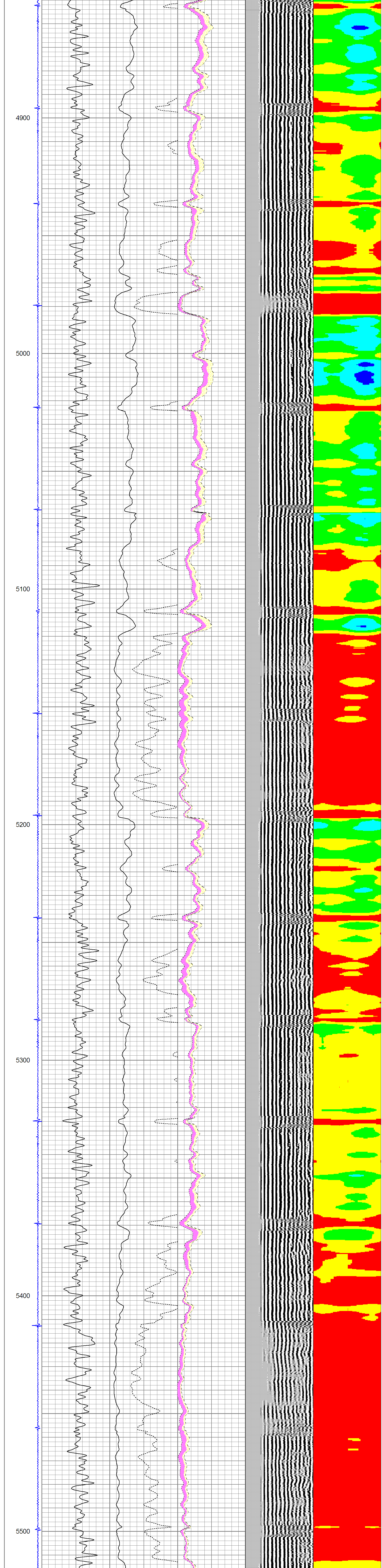
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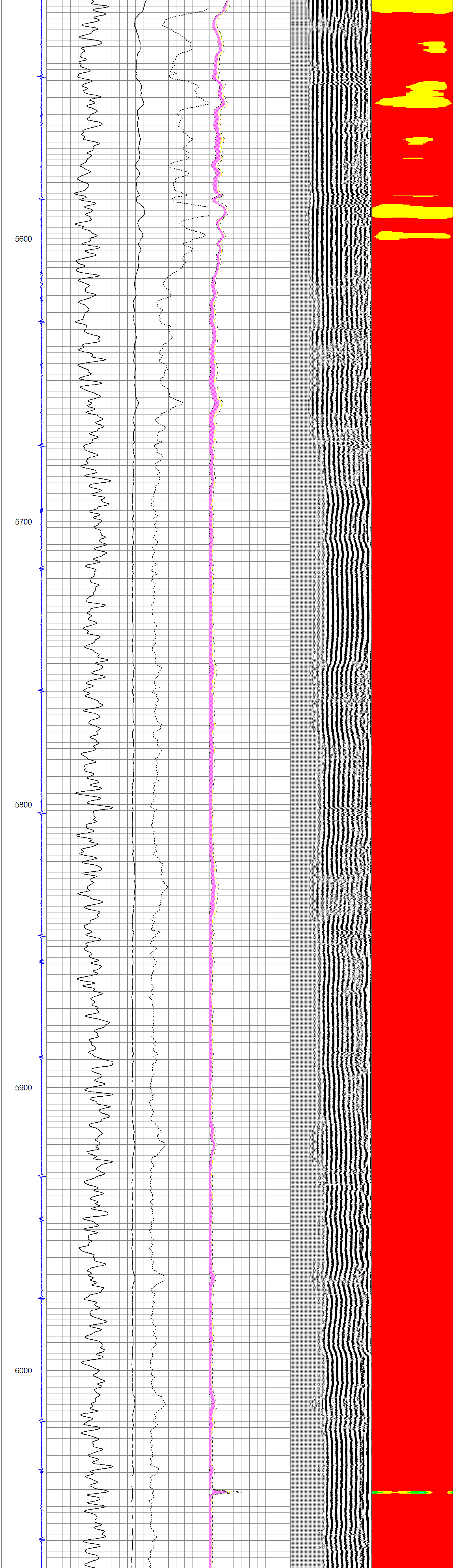

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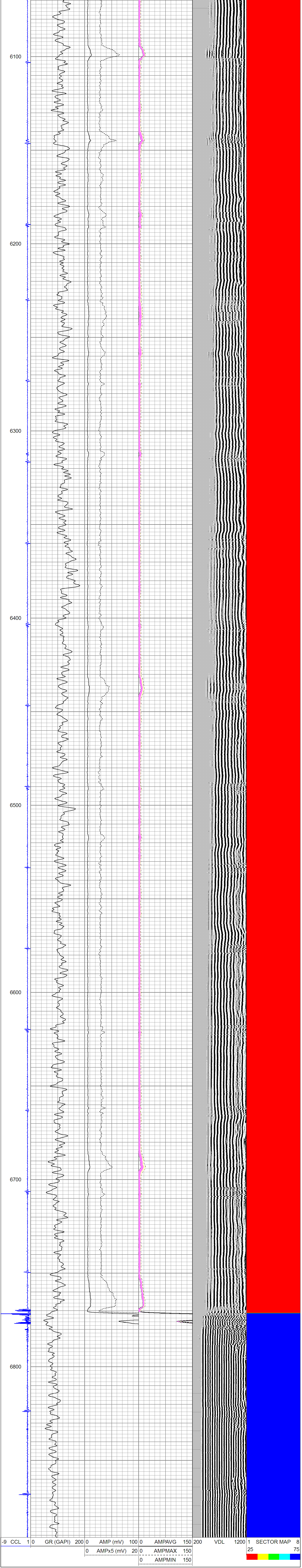
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6500
6600
6700
6800
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0 GR (GAPI) 200
0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
200 VDL 1200
1 SECTOR MAP 8
25
75