JW WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND VDL

Company	GREAT WESTERN OIL & GAS LLC.
Well	LARSON 20-12
Field	WATTENBERG
County	WELD
State	CO

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Well LARSON 20-12
Field WATTENBERG
County WELD State CO

Location: API # : 05-123-28006-00
1995' FNL & 661' FWL
SWNW

SEC 20 TWP 7N RGE 66W

Other Services

Permanent Datum	GL	Elevation 4984
Log Measured From	KB	
Drilling Measured From	KB	

Elevation
K.B. 5000
D.F. 4999
G.L. 4984

Date	OCT-2-2008
Run Number	ONE
Depth Driller	7694
Depth Logger	7566
Bottom Logged Interval	7563
Top Log Interval	2500
Open Hole Size	------------
Type Fluid	WATER
Density / Viscosity	------------
Max. Recorded Temp.	228 F
Estimated Cement Top	2640
Time Well Ready	------------
Time Logger on Bottom	------------
Equipment Number	581
Location	STERLING CO
Recorded By	MIKE MEISNER
Witnessed By	JAY PAPE

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4 1/2			
Liner				

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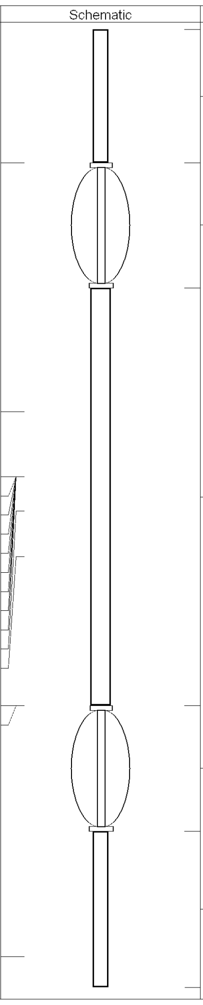
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

CORRECTED DOWNHOLE 13' TO PSI OPENHOLE DATED SEPT. 24-2008

Sensor	Offset (ft)
CCL	17.99
TEMP	12.57
WVFCAL	11.15
WVFS1	11.15
WVFS2	11.15
WVFS3	11.15
WVFS4	11.15
WVFS5	11.15
WVFS6	11.15
WVFS7	11.15
WVFS8	11.15
WVF3FT	10.40
WVF5FT	9.40
WVFTEMP	6.15
WVFSYNC	6.15
GR	0.67

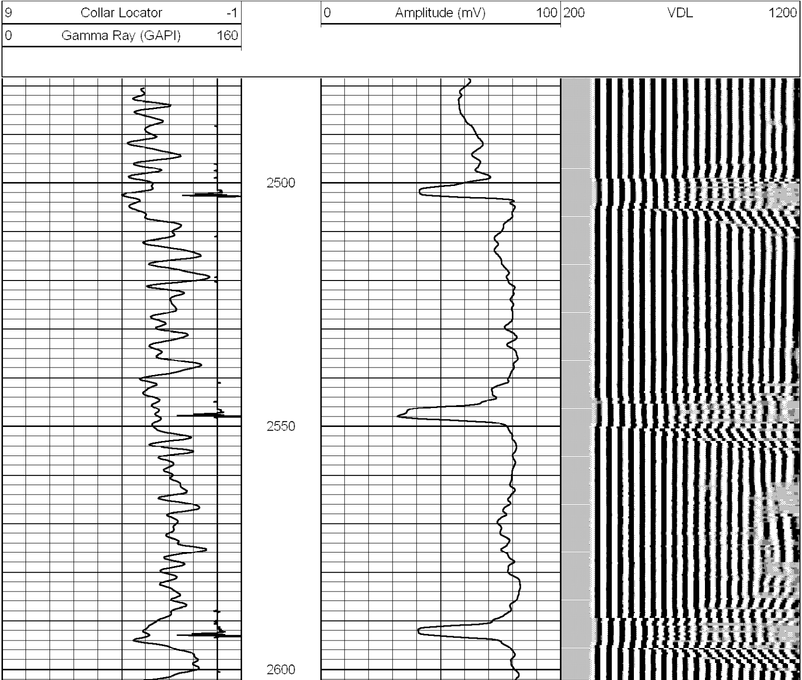
Schematic

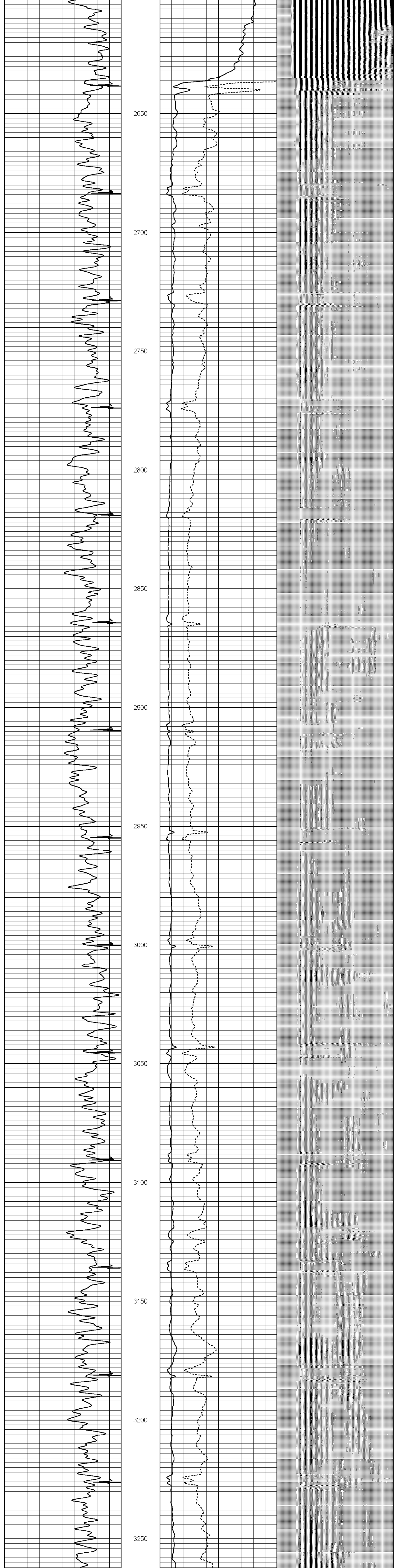


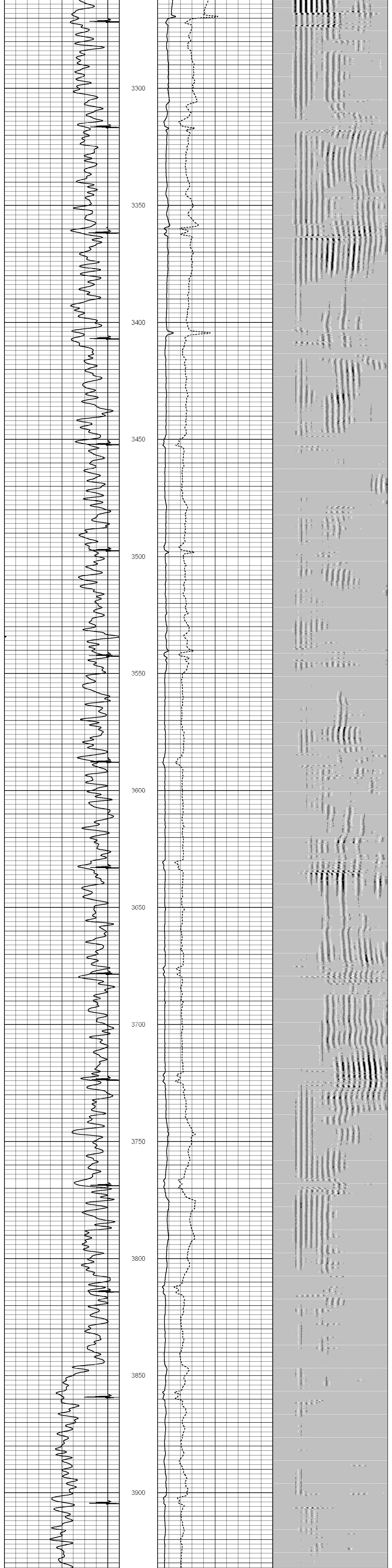
Description	Len (ft)	OD (in)	Wt (lb)
CCL-S_101 (101)	2.92	1.69	11.00
CENT-TEKCO (101)	2.73	2.25	
_SCBLTEKSECT-225Temp (T225t_001) TekCo 2 1/4" Sector Tool with Temperature	9.11	2.25	75.00
CENT-TEKCO (102)	2.73	2.25	
_GR-FLEX (100) Flexstack Gamma Ray	3.42	1.69	22.05

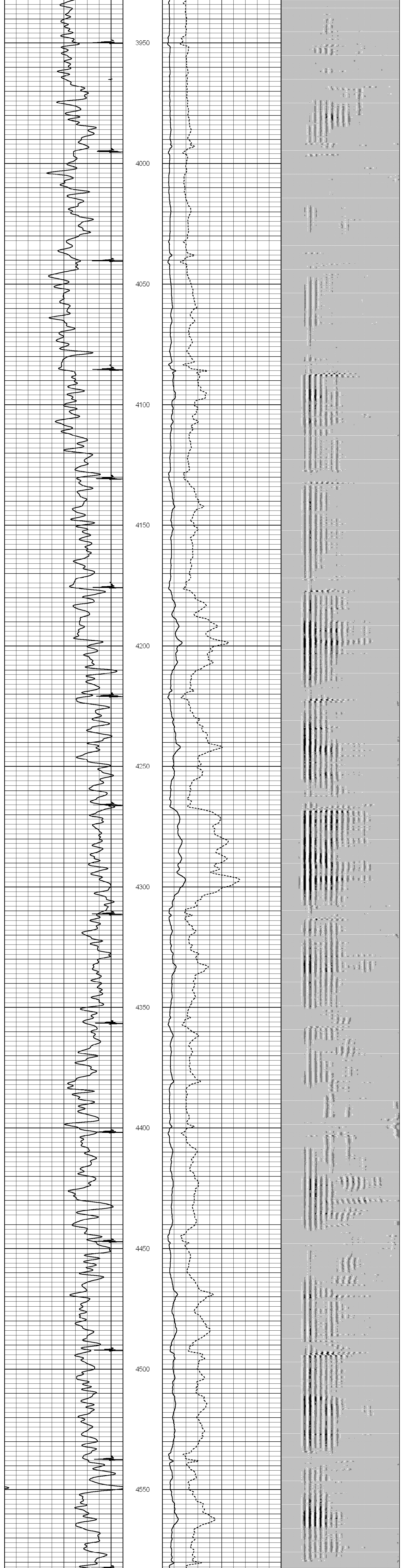
Dataset: larson 20-12 south.db: field/well/run1/pass5
Total Length: 20.91 ft
Total Weight: 108.05 lb
O.D. 2.25 in

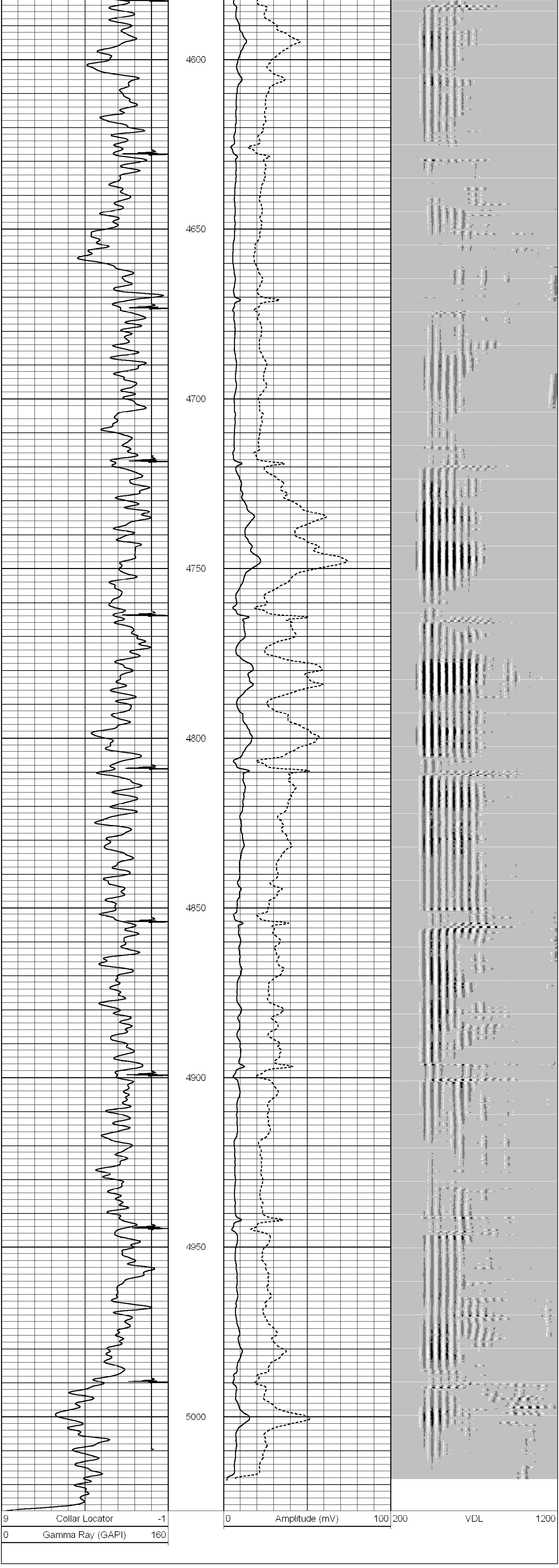
Database File:	larson 20-12 south.db
Dataset Pathname:	pass5
Presentation Format:	scbl_dr
Dataset Creation:	Thu Oct 02 11:03:01 2008 by Log Std Casedhole 07122
Charted by:	Depth in Feet scaled 1:240



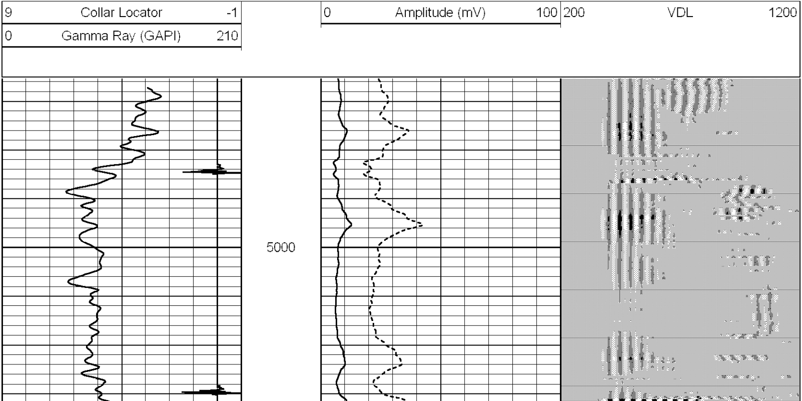


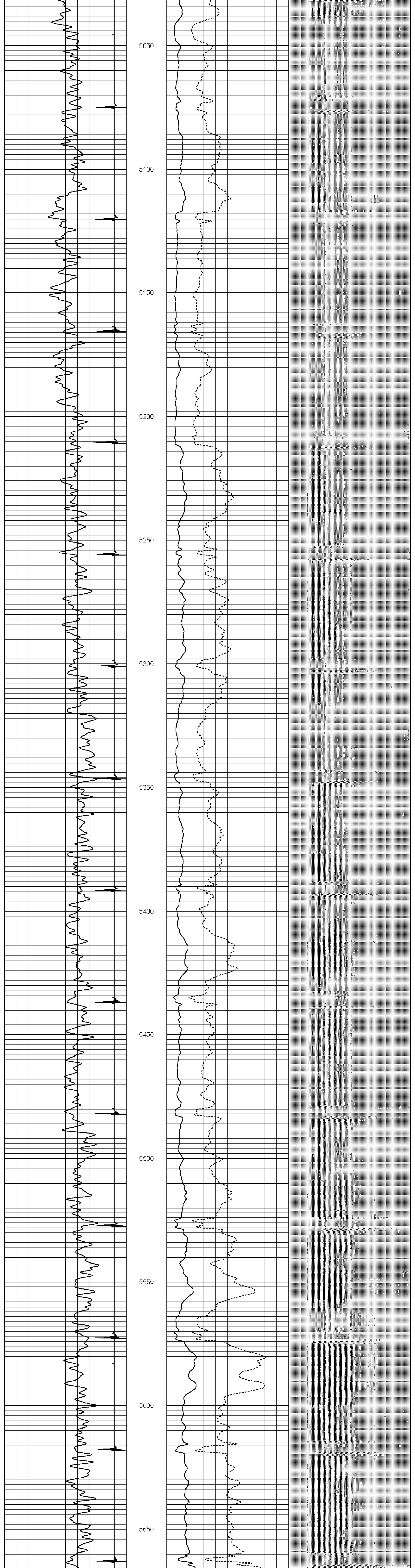


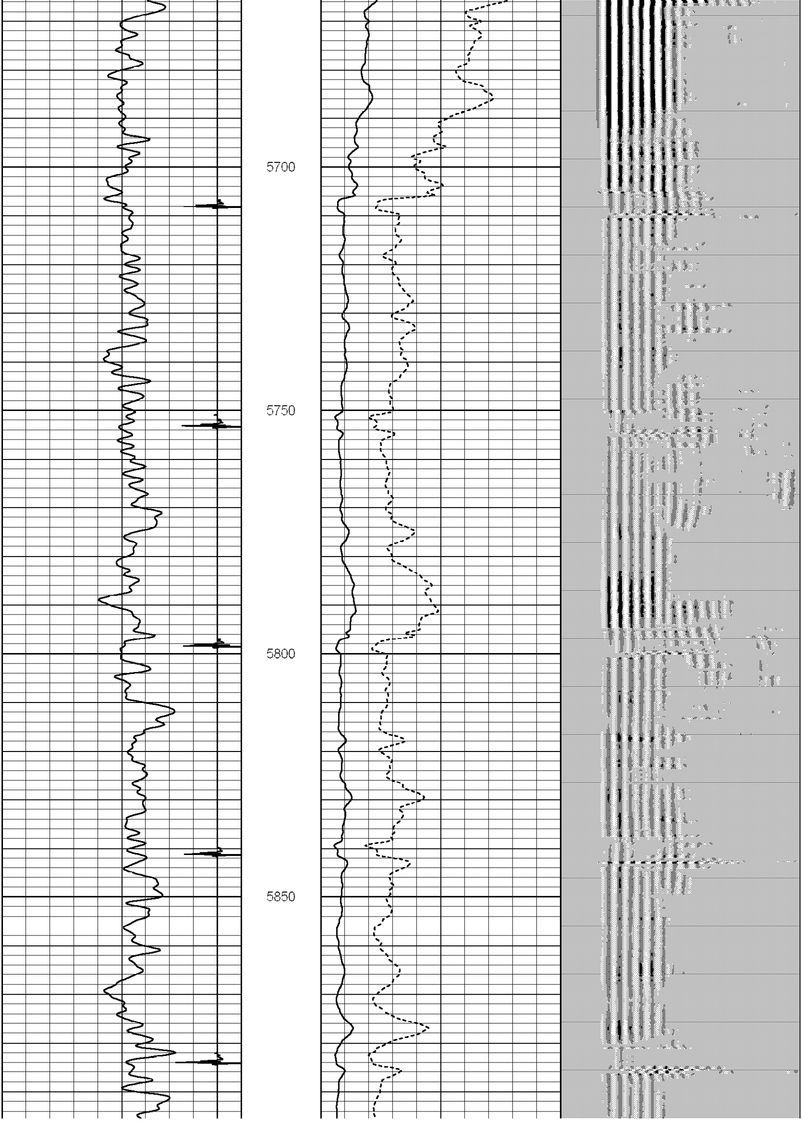


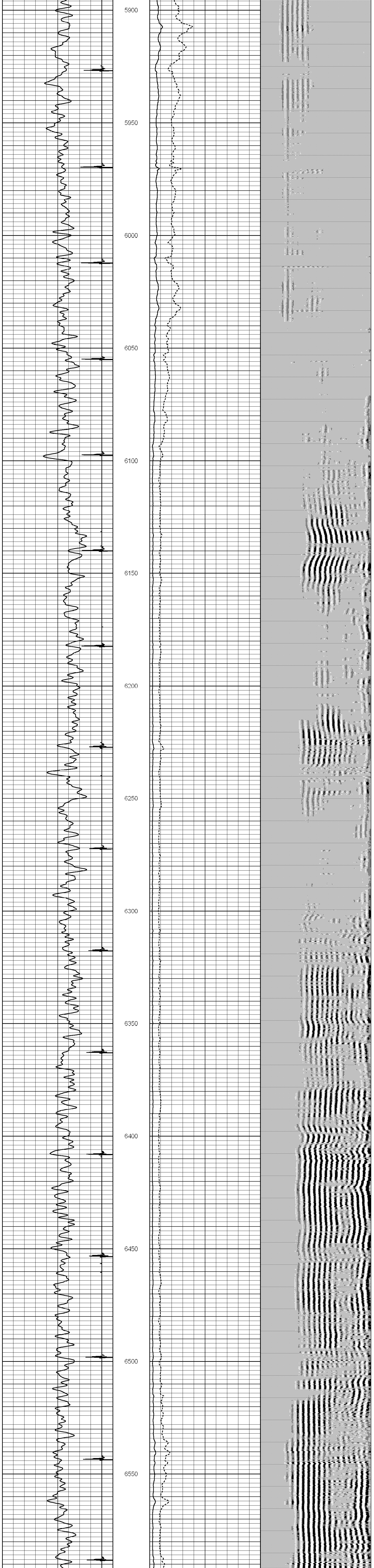


Database File: larson 20-12 south.db
Dataset Pathname: pass4
Presentation Format: scbl_dr
Dataset Creation: Thu Oct 02 10:32:30 2008 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240





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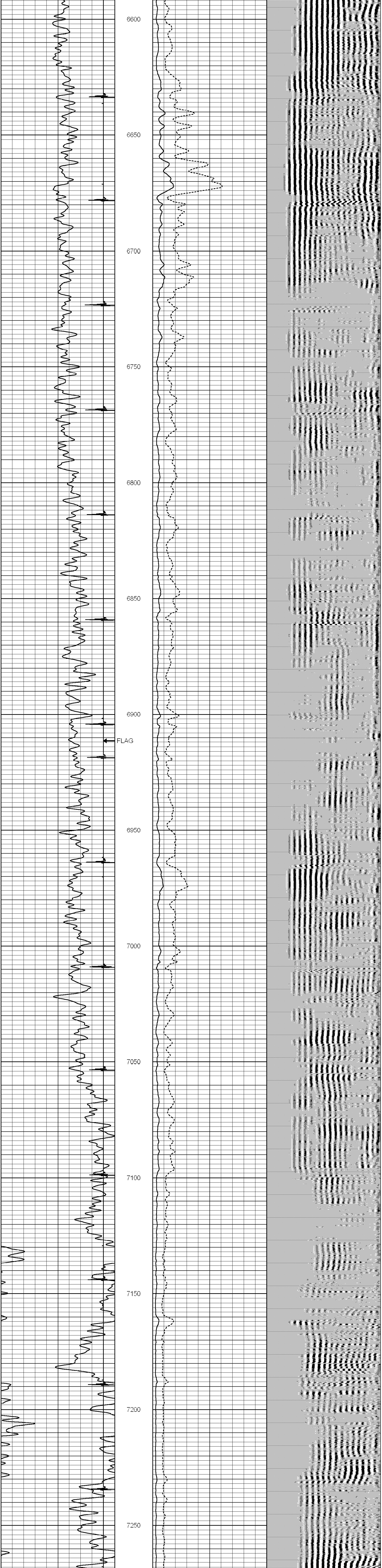
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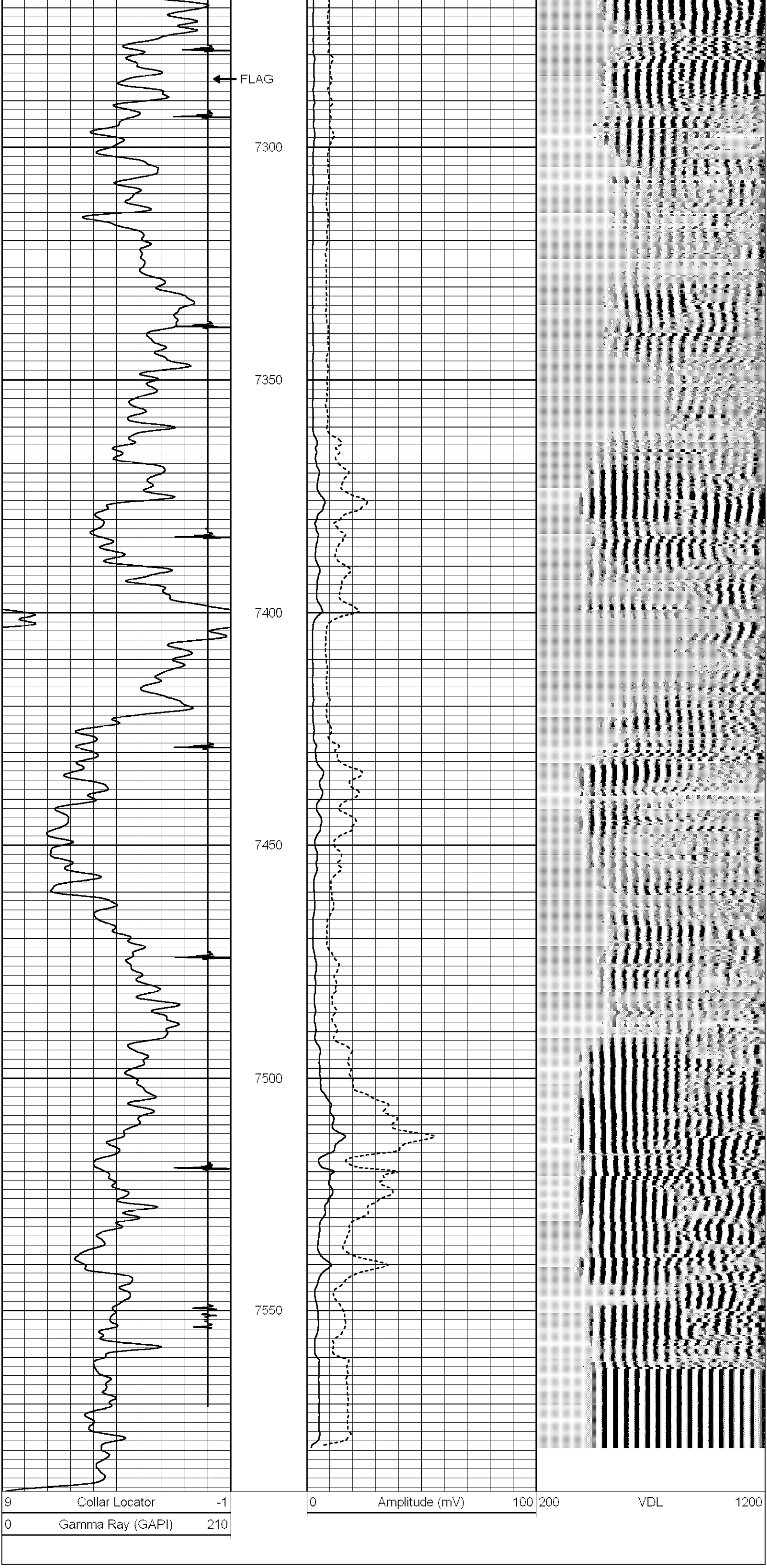
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0 Amplitude (mV) 100
200 VDL 1200