NABORS
COMPLETION & PRODUCTION SERVICES CO.

GAMMA RAY CCL
CEMENT BOND SECTOR VDL

Company NOBLE ENERGY INC.
Well WOLFPACK B02-63-1HN
Field WATTENBERG
County WELD
State COLORADO

Company NOBLE ENERGY INC.
Well WOLFPACK B02-63-1HN
Field WATTENBERG
County WELD State COLORADO

Location: API #: 0512337325
BHL: 990' FSL & 660' FEL
NW/SW
SEC 2 TWP 5N RGE 64W

Other Services

Permanent Datum	GL	Elevation	4615
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4631
D.F.
G.L. 4615

Date	AUGUST 28, 2013		
Run Number	ONE		
Depth Driller	10875		
Depth Logger	5848		
Bottom Logged Interval	5848		
Top Log Interval	SURFACE		
Open Hole Size	8-3/4		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	213°F		
Estimated Cement Top	SURFACE		
Time Well Ready	PORTABLE MAST		
Time Logger on Bottom	2-3/4 PROBE 101020		
Equipment Number	4838		
Location	45		
Recorded By	GREG NOLAN		
Witnessed By	BILL MANSFIELD		

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# J-55	16	614.1
Prot. String				
Production String	7	26# P-110 IC	16	7069.2
Liner	4-1/2	11.6# P-110 IC	6961.5	10865

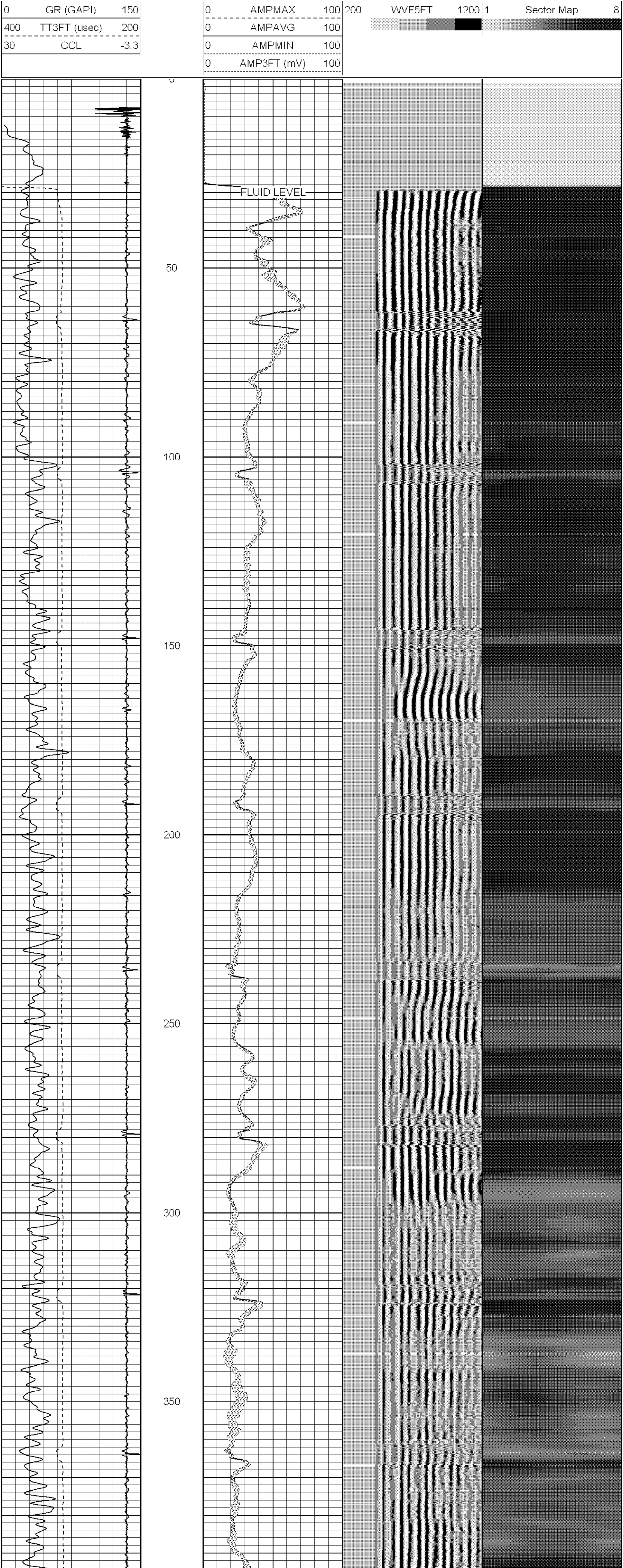
<<< Fold Here >>>

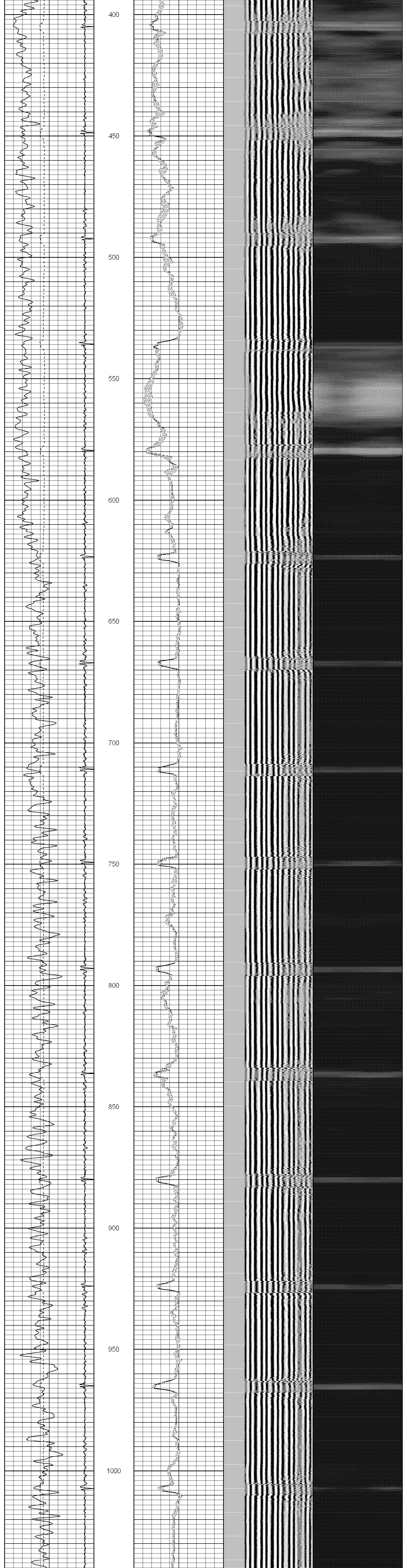
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

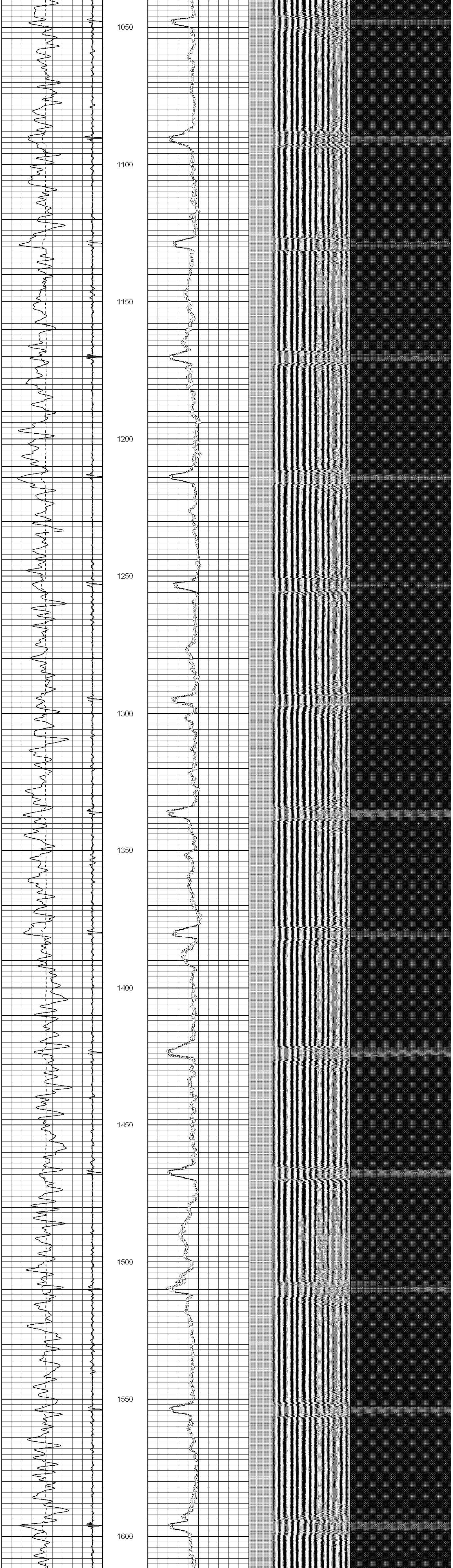
Comments

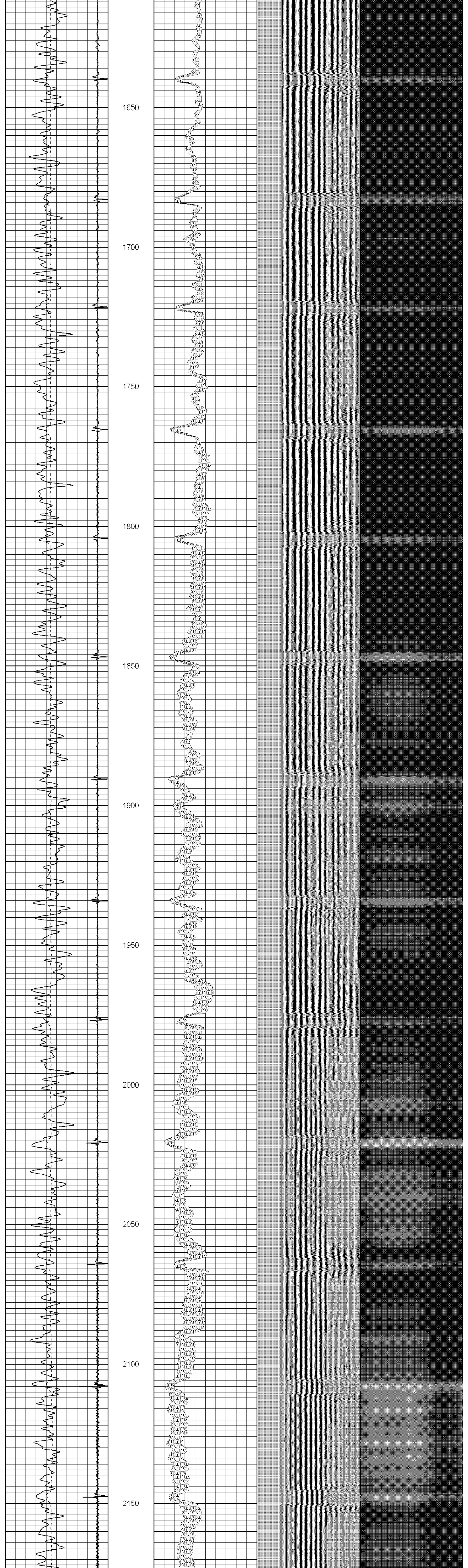
THANK YOU FOR CHOOSING NCPS!!!!
LOG NOT CORRELATED
WCR 57 & WCR 60.5, S.25 INTO
SECOND WELL FROM THE SOUTH OF A 4 WELL PAD

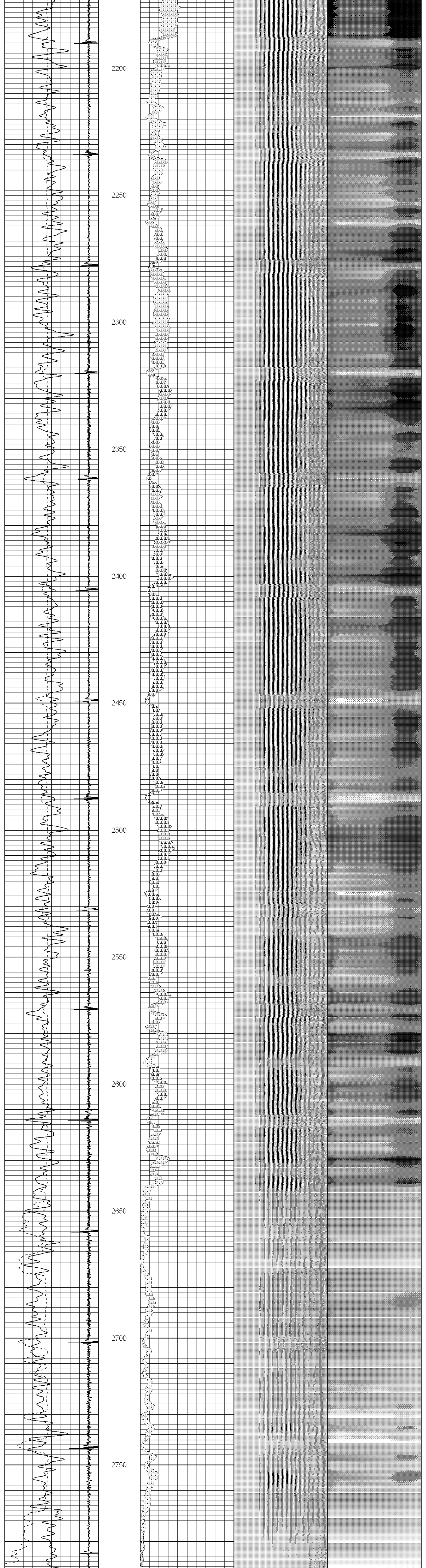
Database File:	cbl noble wolfpack b02-63-1hn.db
Dataset Pathname:	pass3
Presentation Format:	sector2
Dataset Creation:	Wed Aug 28 10:48:03 2013 by Log SCH 120430
Charted by:	Depth in Feet scaled 1:240

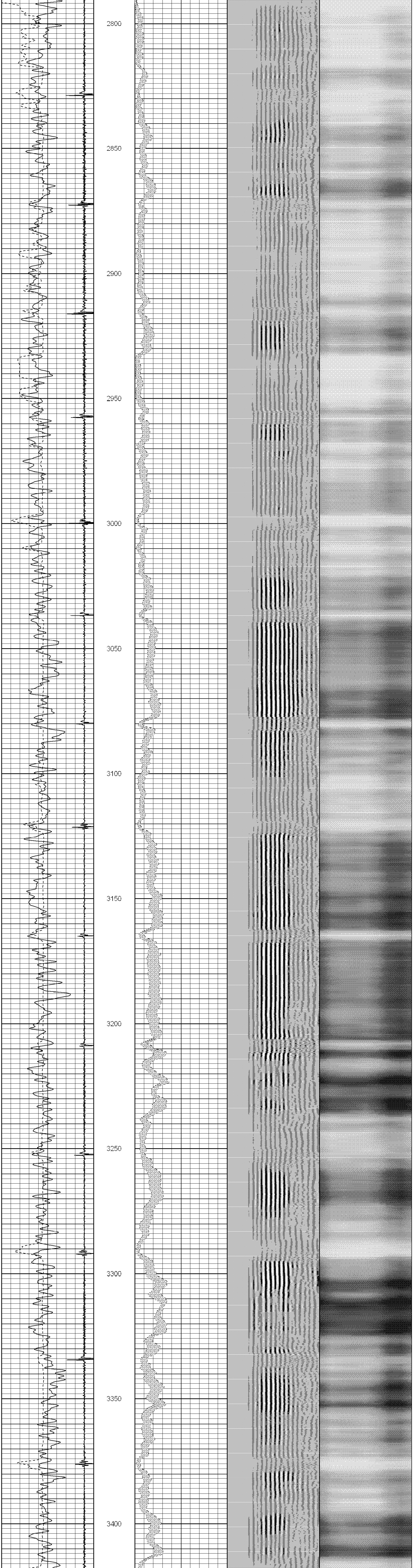


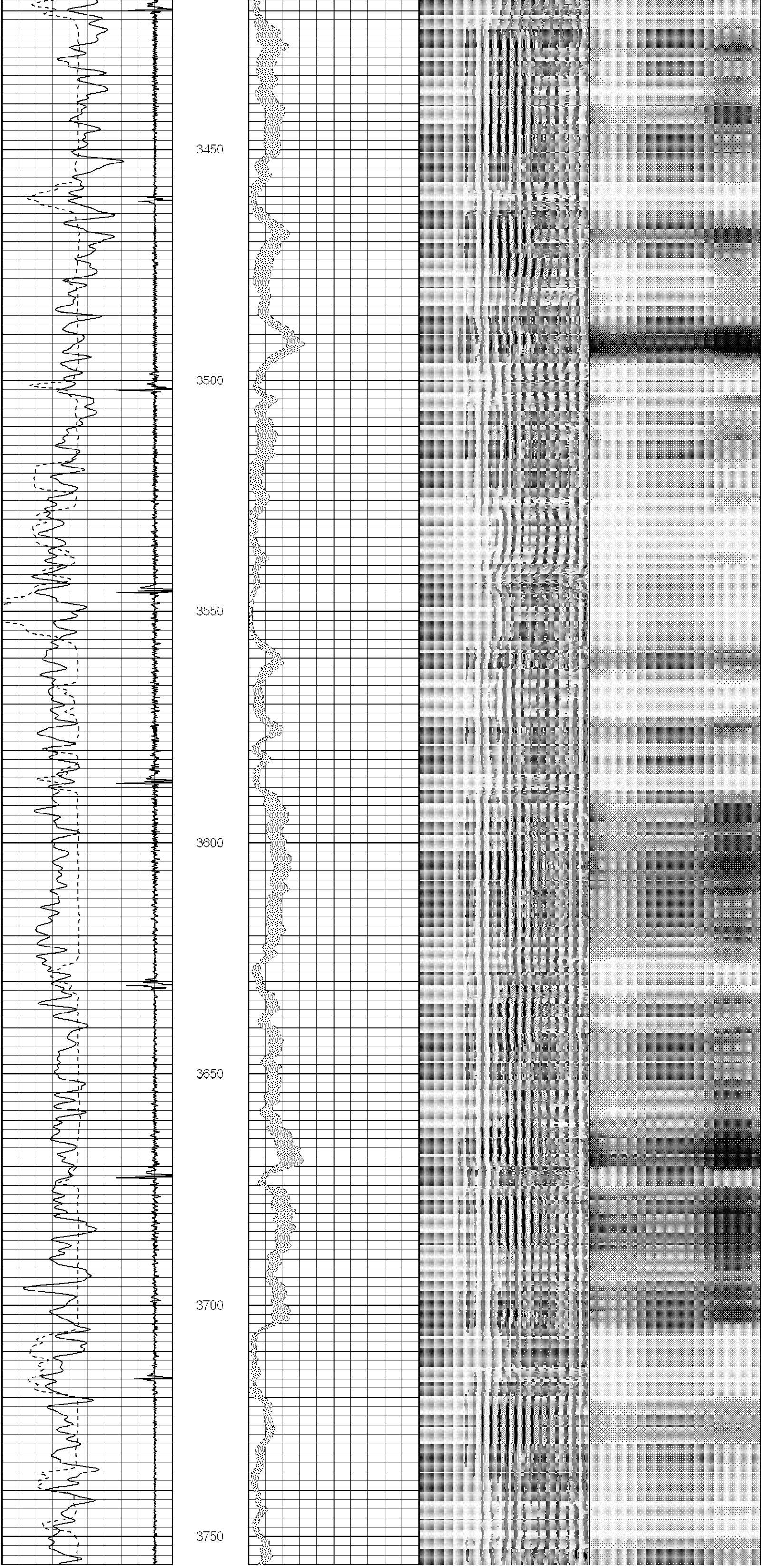


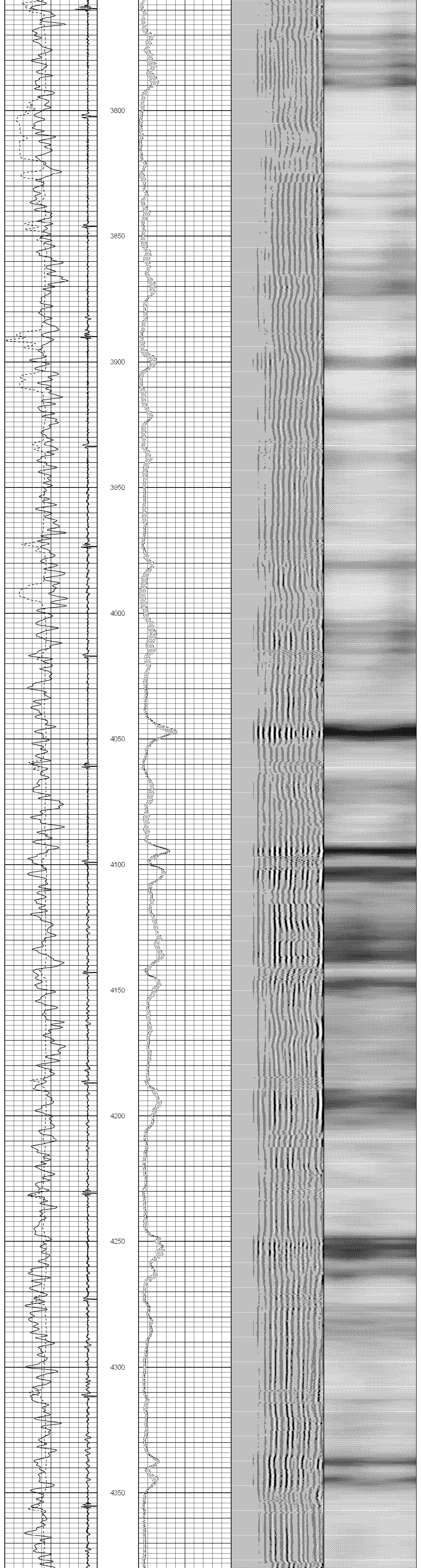


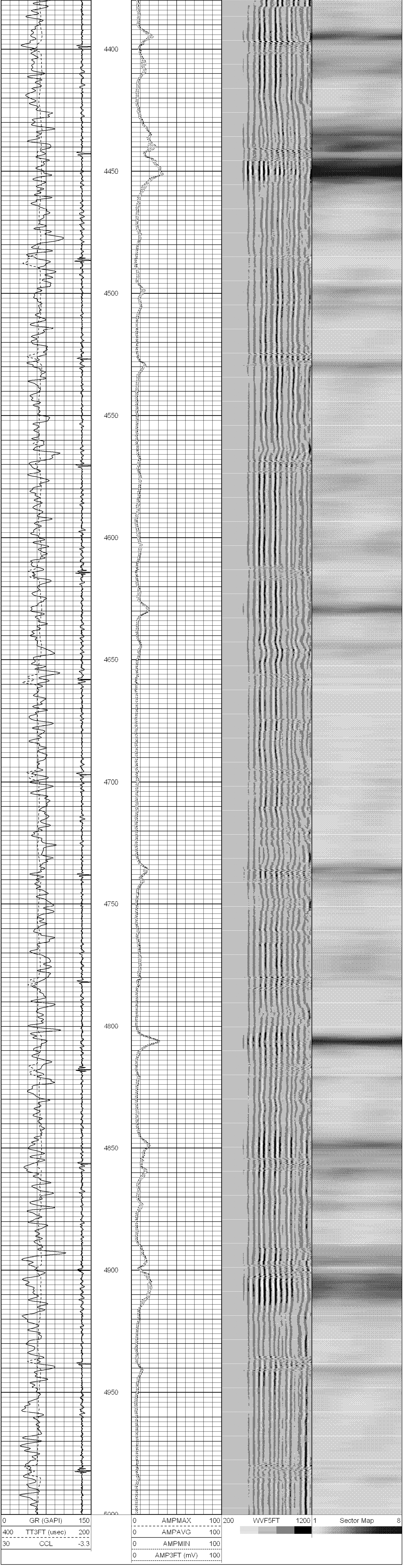


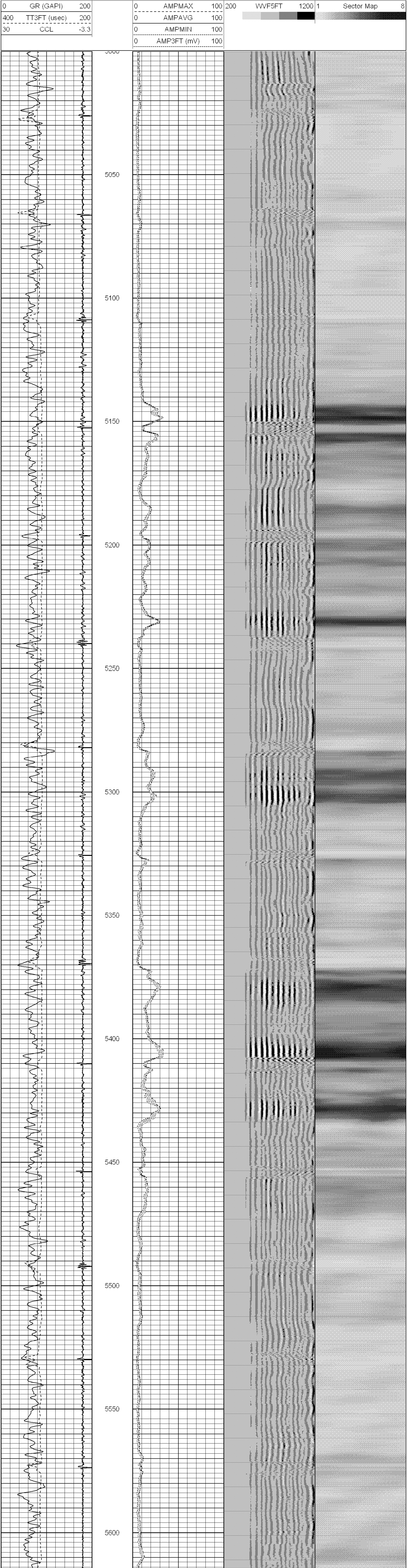
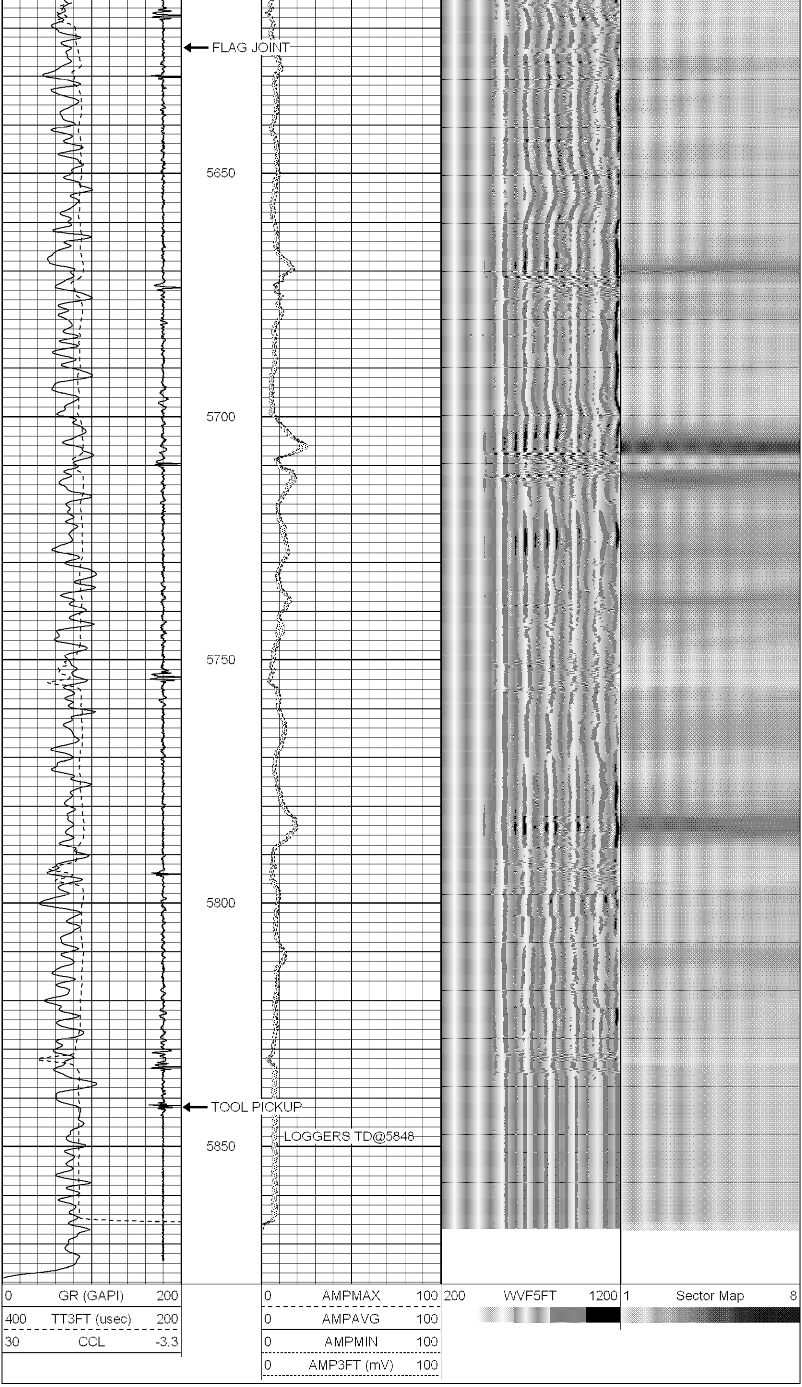










Database File: cbl noble wolfpack b02-63-1hn.db
Dataset Pathname: pass2
Presentation Format: sector2
Dataset Creation: Wed Aug 28 10:38:29 2013 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240