CEMENT BOND
GAMMA RAY
CCL

Company	BONANZA CREEK ENERGY INC.
Well	PRONGHORN 44-41-7 HNB
Field	WATTENBERG
County	WELD
State	CO

Location: API # : 05-123-36386

SUR: 470 FSL & 660 FEL
BOT: 470 FNL & 660 FEL
SEC 7 TWP 5N RGE 61W

Other Services

Permanent Datum	GL	Elevation	4577
Log Measured From	KB 15'		
Drilling Measured From	KB		

Elevation
K.B. 4577
D.F. 4576
G.L. 4562

Date	2-5-2013
Run Number	ONE
Depth Driller	10610
Depth Logger	6267
Bottom Logged Interval	6256
Top Log Interval	SURFACE
Open Hole Size	7 7/8"
Type Fluid	WATER
Density / Viscosity	1.0
Max. Recorded Temp.	196
Estimated Cement Top	
Time Well Ready	
Time Logger on Bottom	
Equipment Number	7770
Location	GREELEY
Recorded By	K.BRABEC
Witnessed By	K.DODGE

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	12 1/4"	0					
TWO	7 7/8"						

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String			0	
Prot. String				
Production String	7"	28#	0	TD
Liner				

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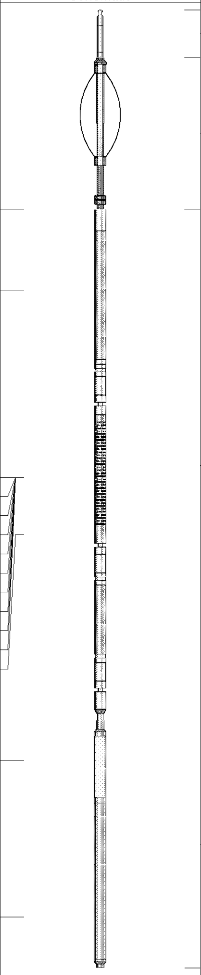
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

RAN CBL TO VERIFY CEMENT.

THANK YOU FOR USING I.P.S.

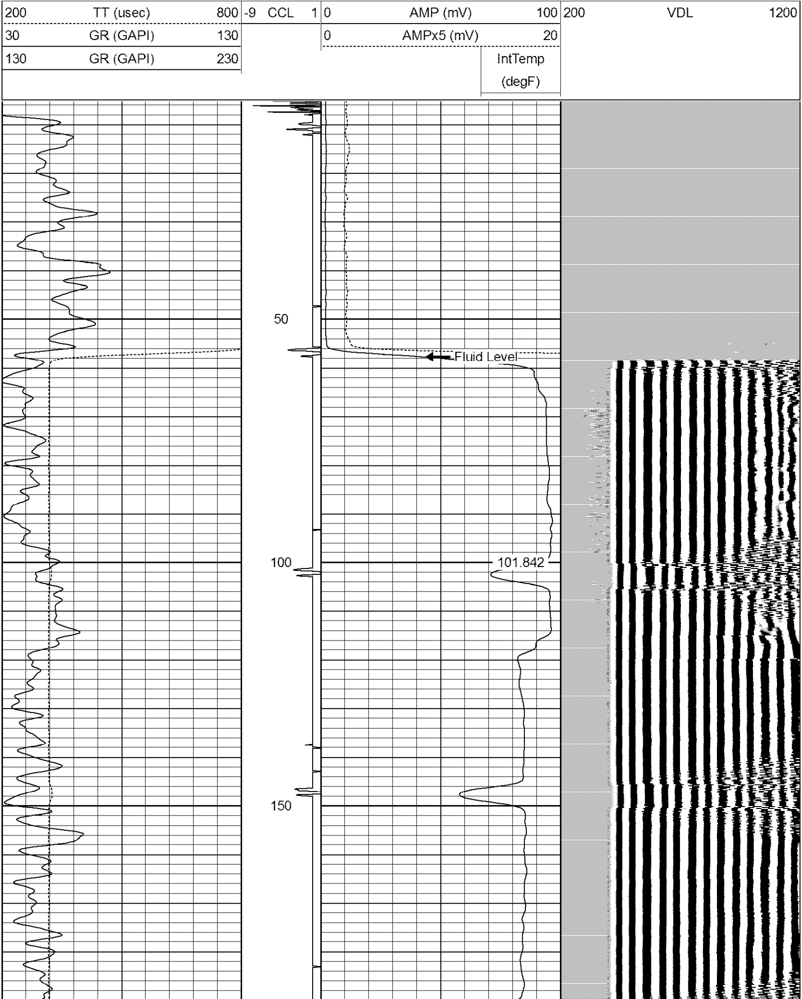


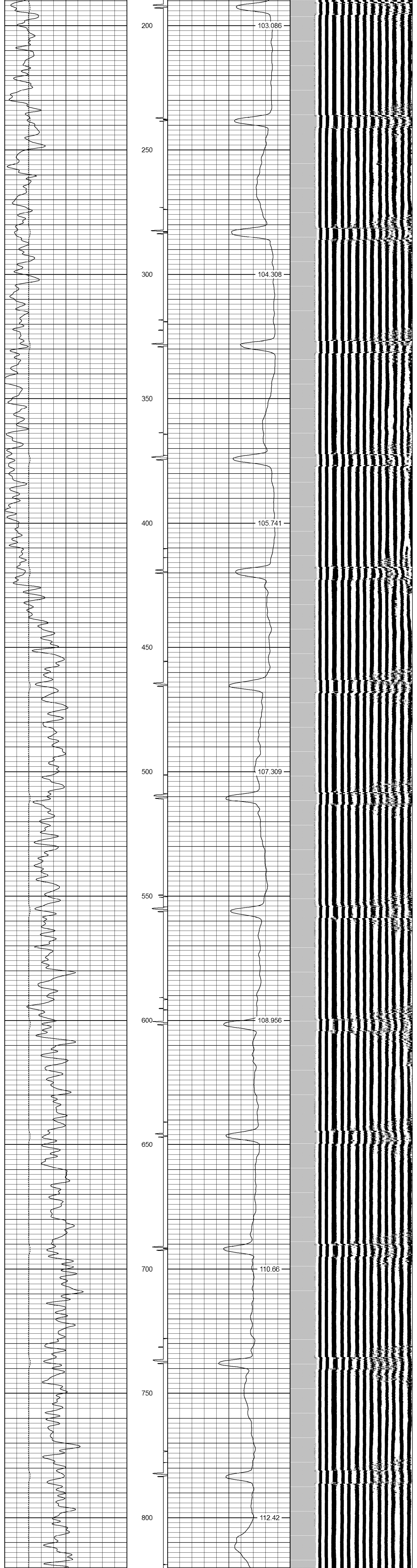
Description	Len (ft)	OD (in)	Wt (lb)
STD-Standard (STNDRD) Standard Cable Head	0.83	1.44	1.00
Probe	2.67	2.75	40.00
RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
GR-Probe (275) Probe 2.75"	4.33	2.75	30.00

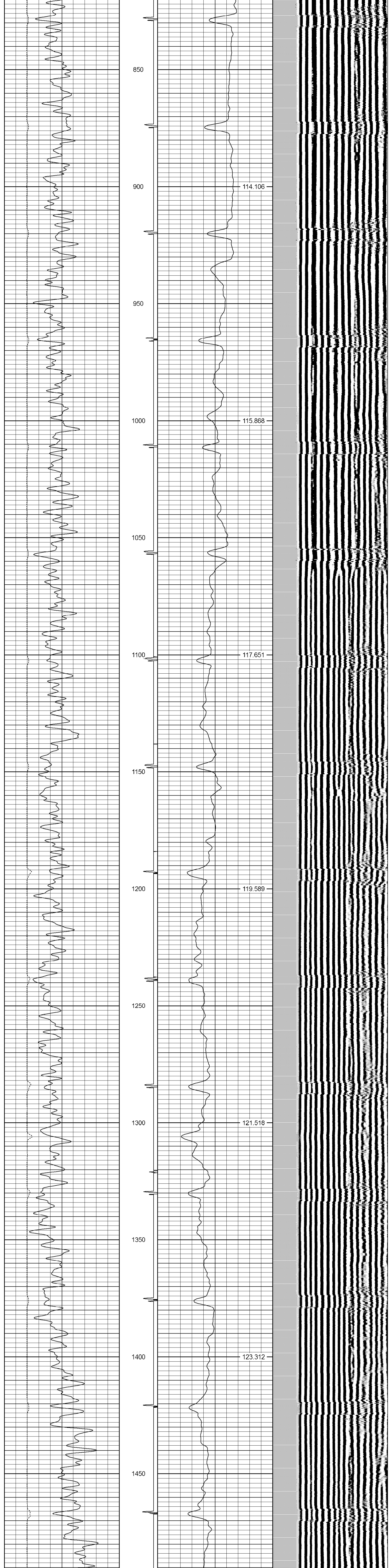
Sensor	Offset (ft)
HEADVOLT	13.25
IntTemp	11.83
WVF3FT	8.58
WVFCAL	8.58
WVFS1	8.58
WVFS2	8.58
WVFS3	8.58
WVFS4	8.58
WVFS5	8.58
WVFS6	8.58
WVFS7	8.58
WVFS8	8.58
WVF5FT	7.58
CCL	3.64
GR	0.90

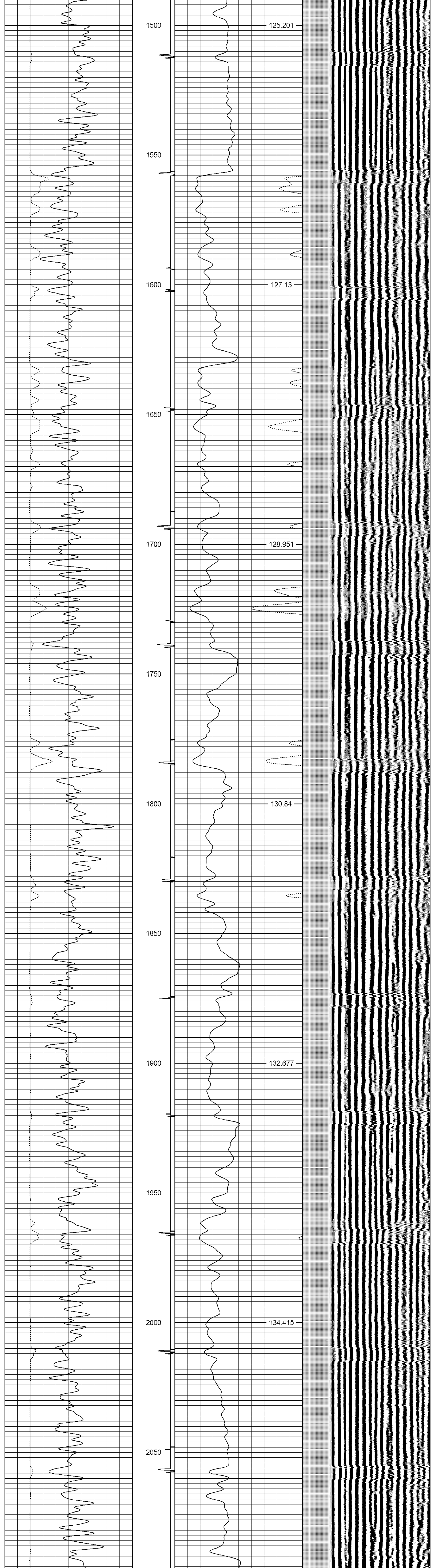
Dataset:	pronghorn 44-41-7hnb.db: field/well/run1/pass2
Total Length:	16.75 ft
Total Weight:	161.00 lb
O.D.	2.75 in

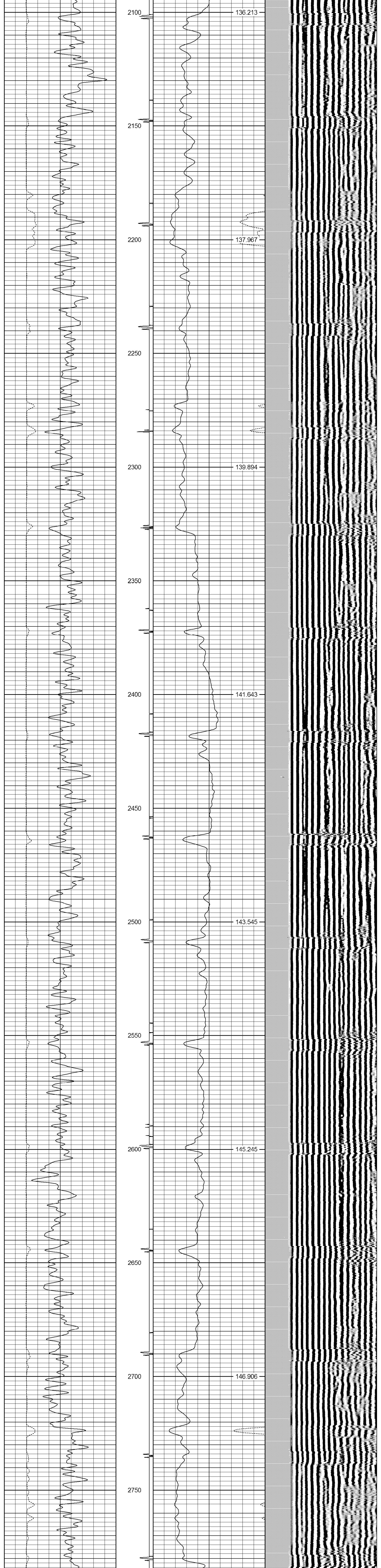
Database File:	pronghorn 44-41-7hnb.db
Dataset Pathname:	pass3
Presentation Format:	djbasin
Dataset Creation:	Tue Feb 05 10:52:27 2013 by Log Std Casedhole 09061
Charted by:	Depth in Feet scaled 1:240

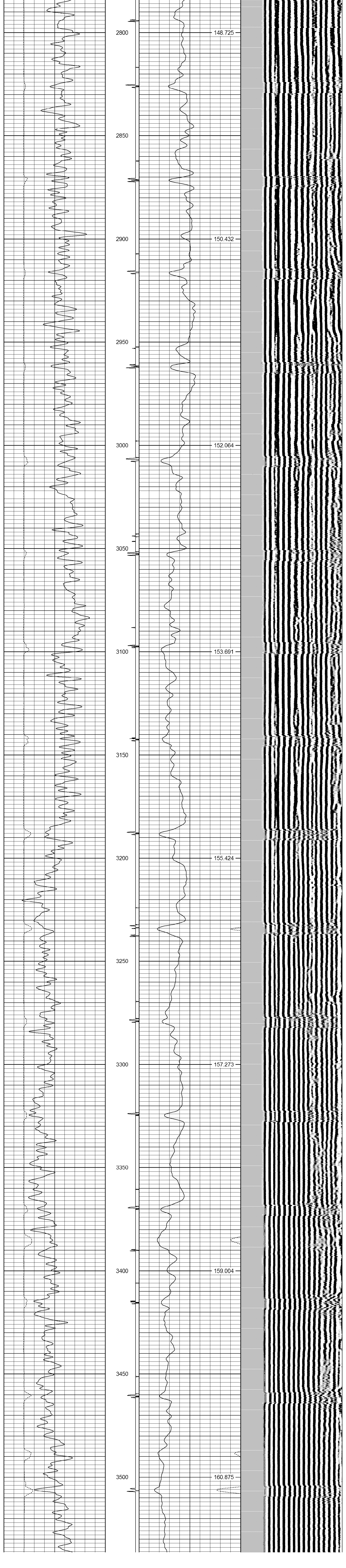


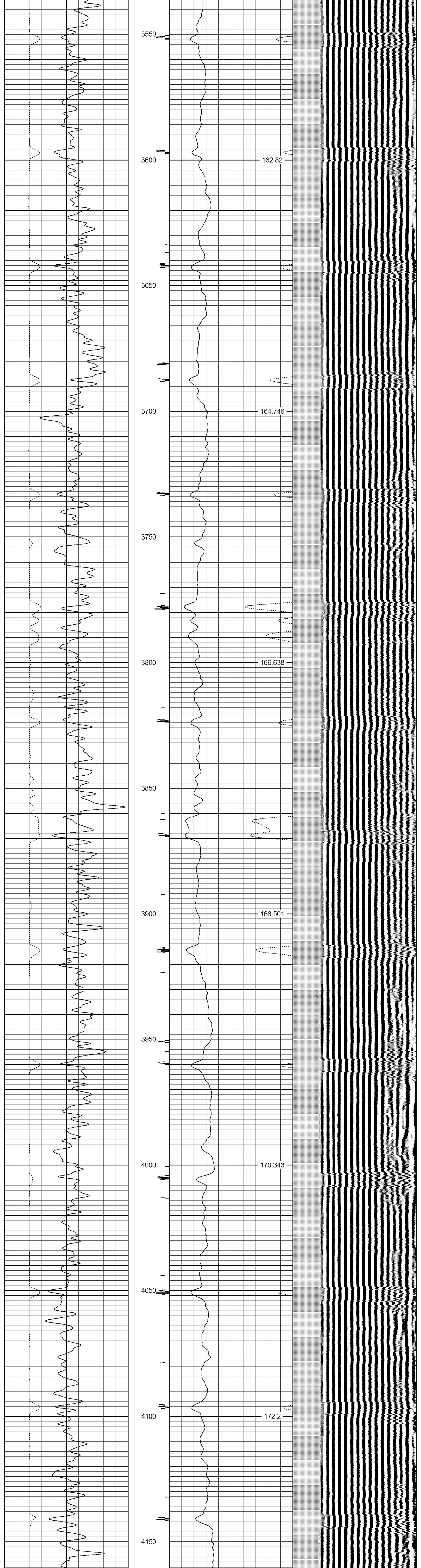


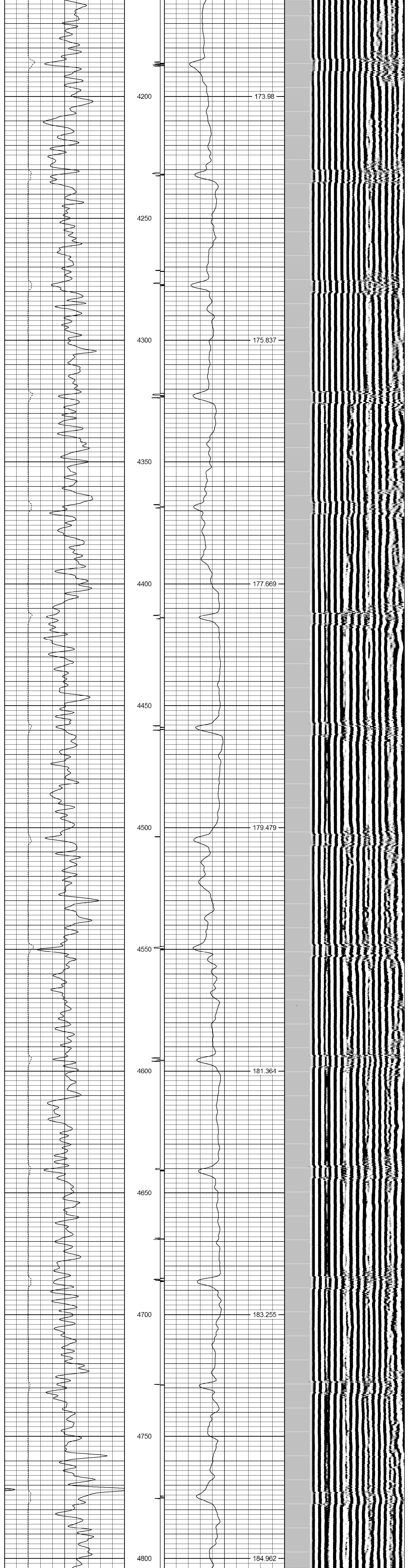


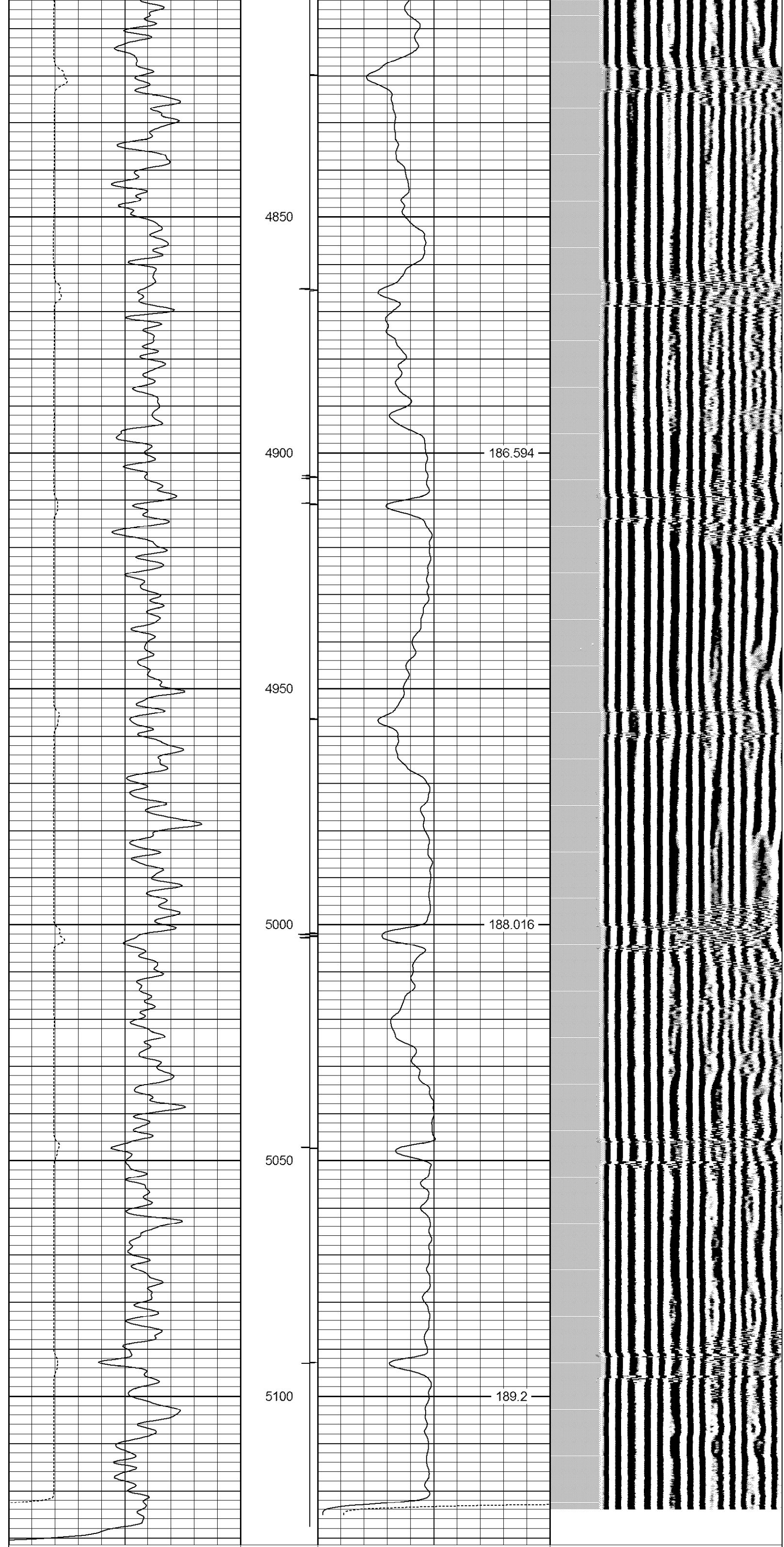








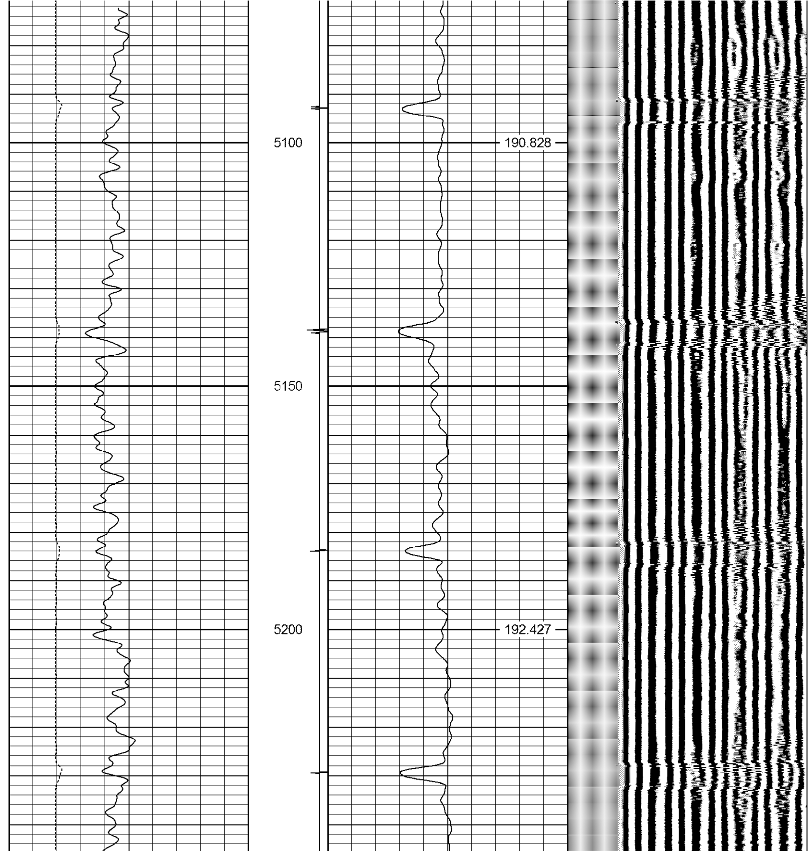


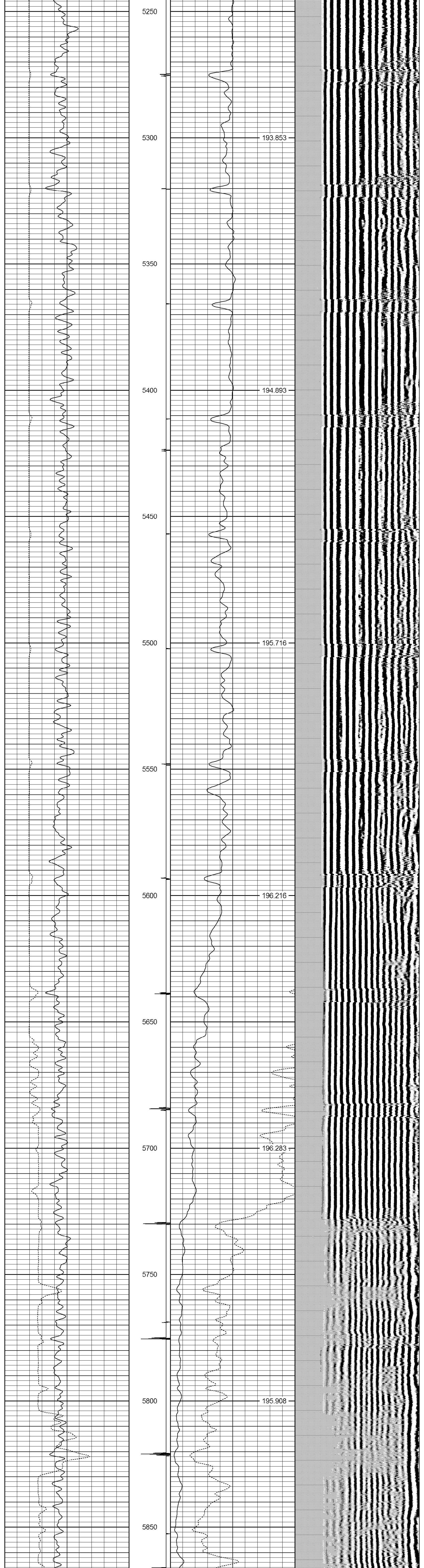


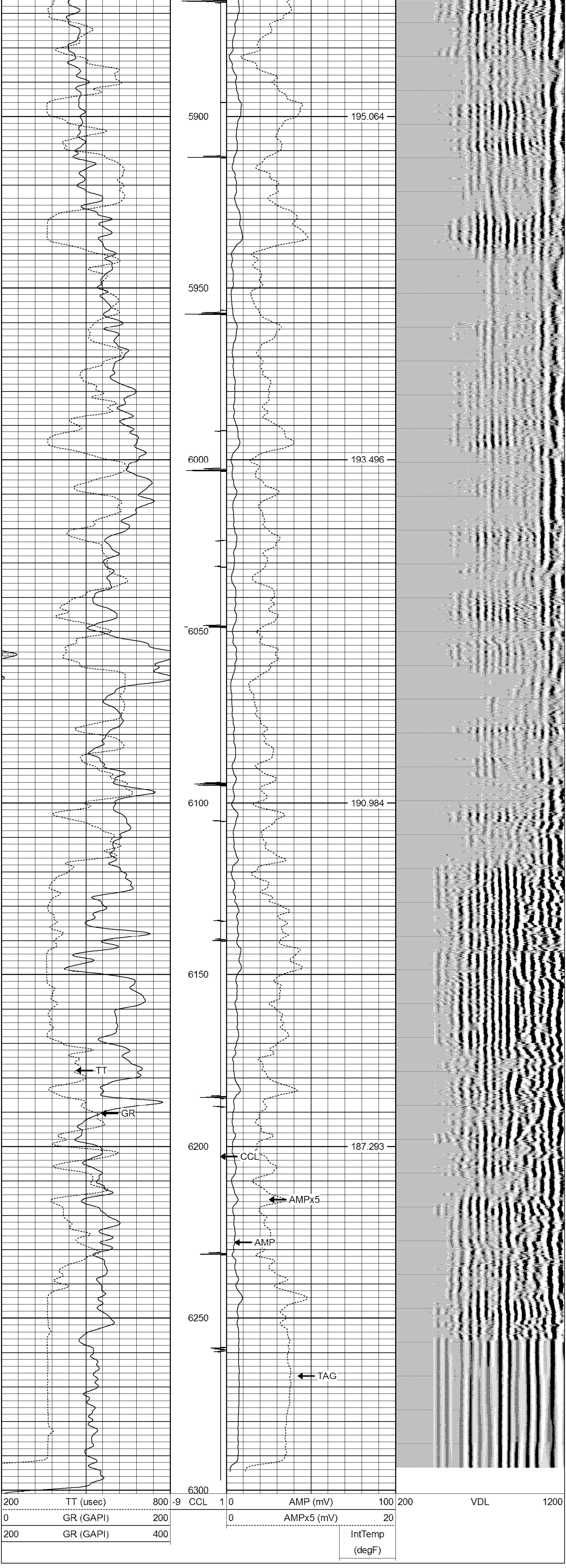
200 TT (usec) 800	-9 CCL 1	0 AMP (mV) 100	200 VDL 1200
30 GR (GAPI) 130		0 AMPx5 (mV) 20	
130 GR (GAPI) 230		IntTemp (degF)	

Database File: pronghorn 44-41-7hnb.db
Dataset Pathname: pass2
Presentation Format: djbasin
Dataset Creation: Tue Feb 05 10:29:52 2013 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

200 TT (usec) 800	-9 CCL 1	0 AMP (mV) 100	200 VDL 1200
0 GR (GAPI) 200		0 AMPx5 (mV) 20	
200 GR (GAPI) 400		IntTemp (degF)	







IPS

Company	BONANZA CREEK
Well	PRONGHORN 44-41-7 HNB
Field	WATTENBERG
County	WELD
State	CO