



DUAL INDUCTION
RESISTIVITY LOG

Company	SM OIL & GAS, INC.		
Well	SM TRUST #1		
Field	LENITON		
County	CHAUTAUQUA	State	KANSAS
Location:	NE NE NE NW 190°FNL & 2430°FWL SEC: 17 TWP: 33S RGE: 10E API #:		
Recorded By :	J. FISHER		
Witnessed By :	S. MILLER		
Date	AUGUST 18, 2015		
Run Number	ONE	Elevation	
Depth Driller	2134'	K.B. :	
Depth Logger	2134'	D.F. :	
Bottom Logged Interval	2133'	G.L. :	1029'
Top Log Interval	770'	Other Services	
Casing Driller	8.625"@806'	DUCP	
Casing Logger	8.625"@808'		
Bit Size	7.875"		
Type Fluid in Hole	FORMATION		
Density / Viscosity	NA		
pH / Fluid Loss	NA		
Source of Sample	NA		
Rm @ Meas. Temp	NA		
Rmf @ Meas. Temp	NA		
Rmc @ Meas. Temp	NA		
Source of Rmf / Rmc	NA		
Rm @ BHT	NA		
Equipment Number	47		
Location	HOMINY		

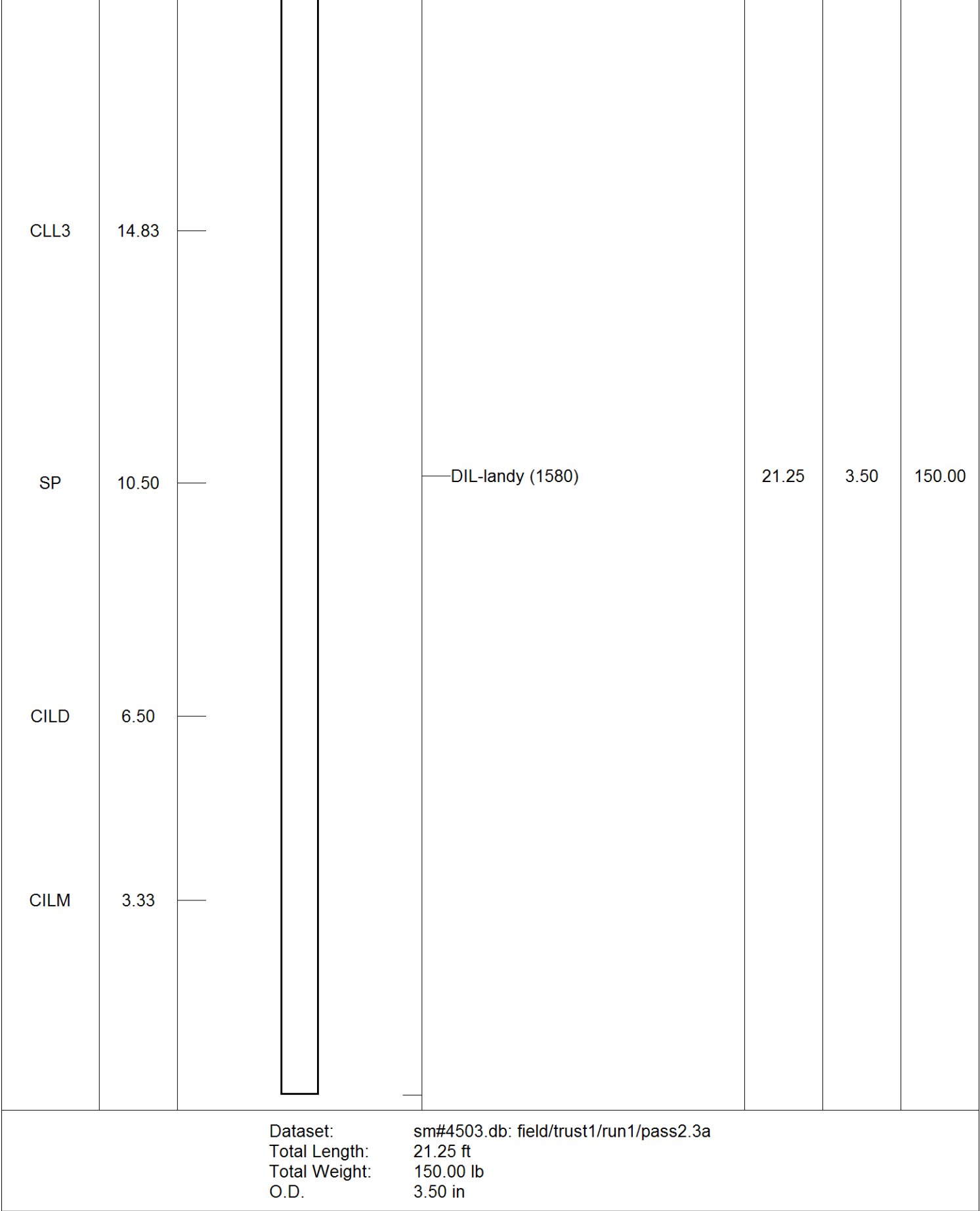
<<< Fold Here >>>

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.

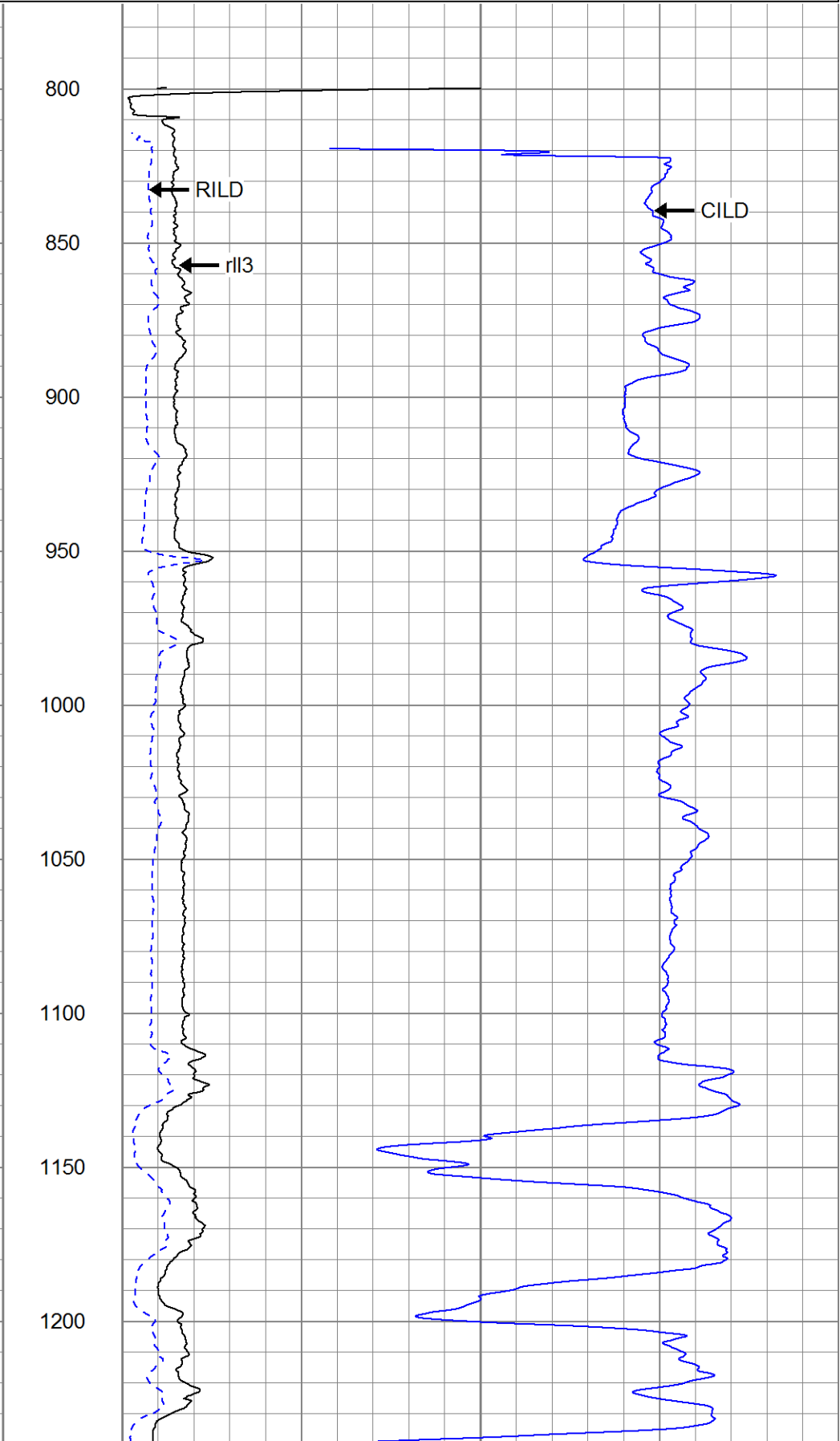
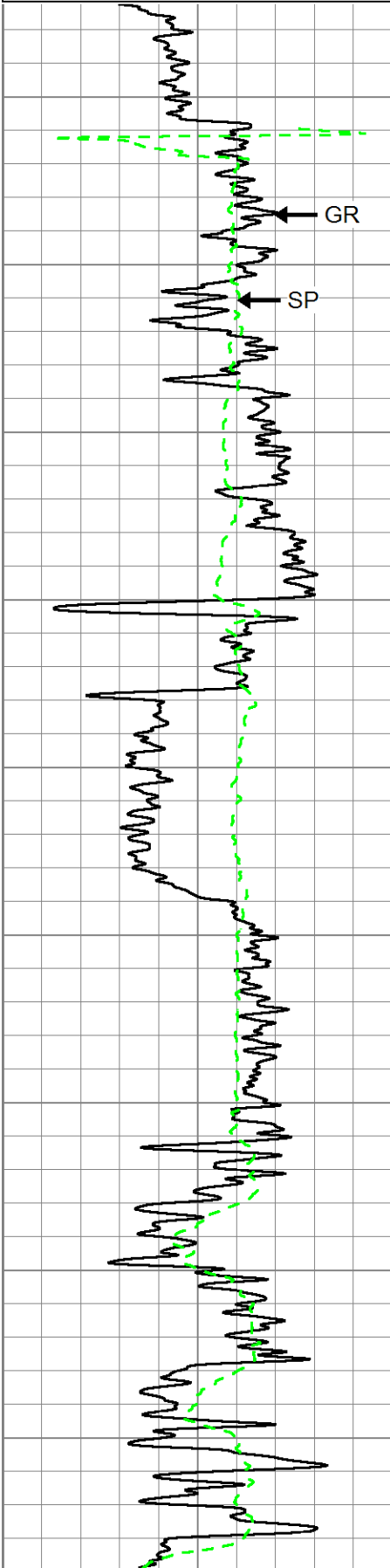
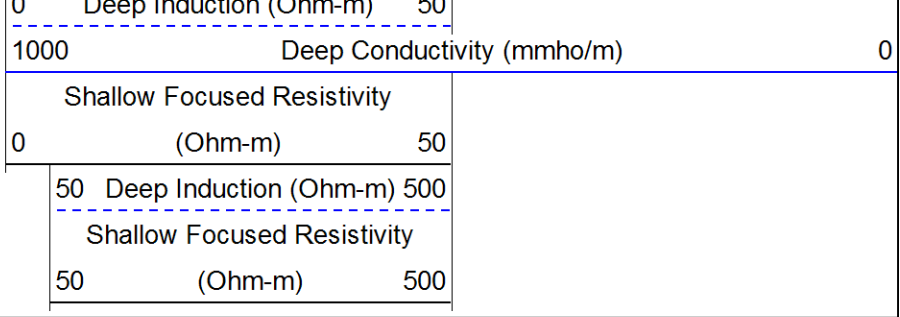
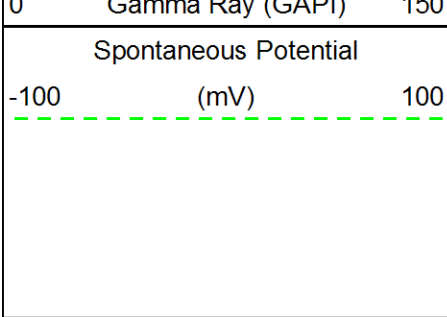
Comments

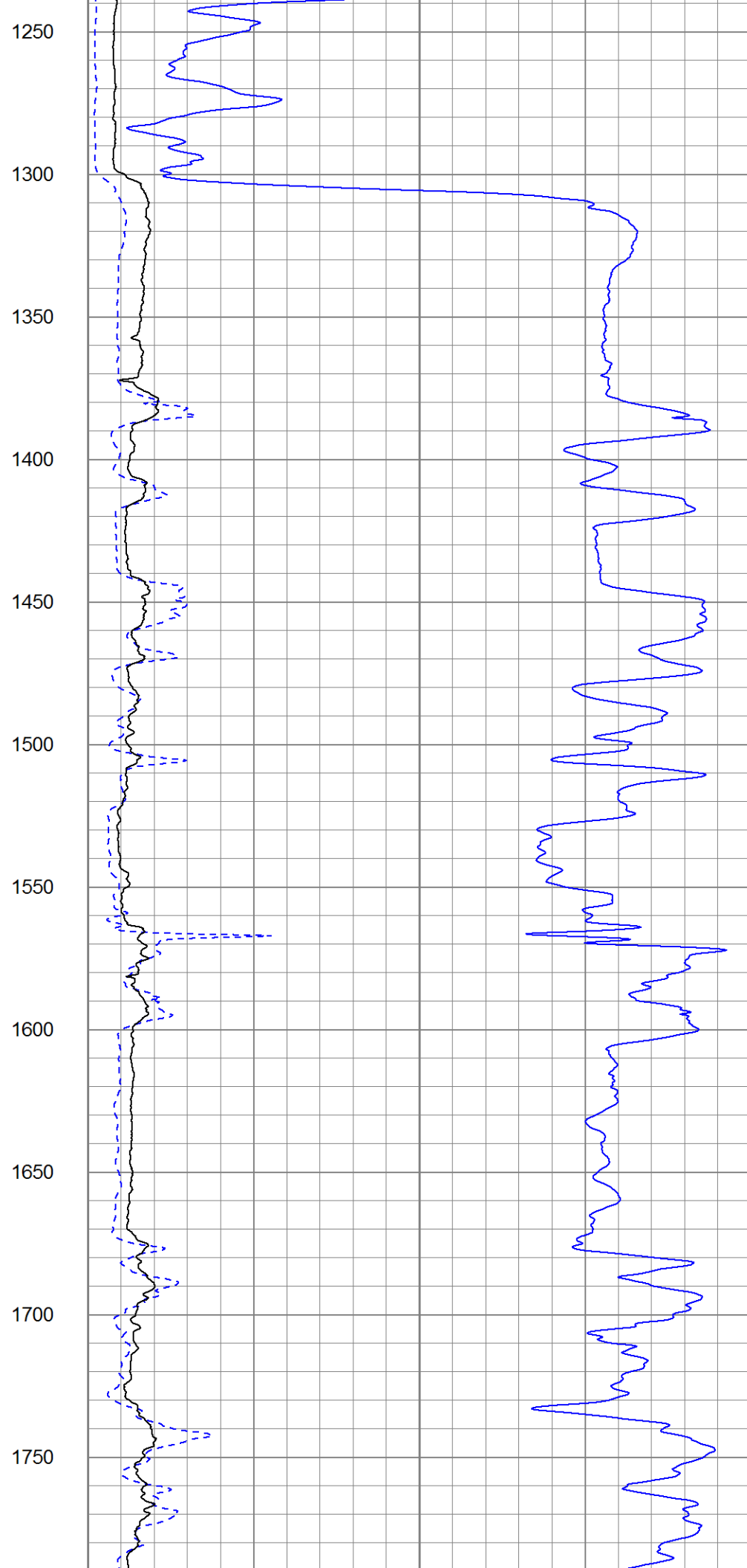
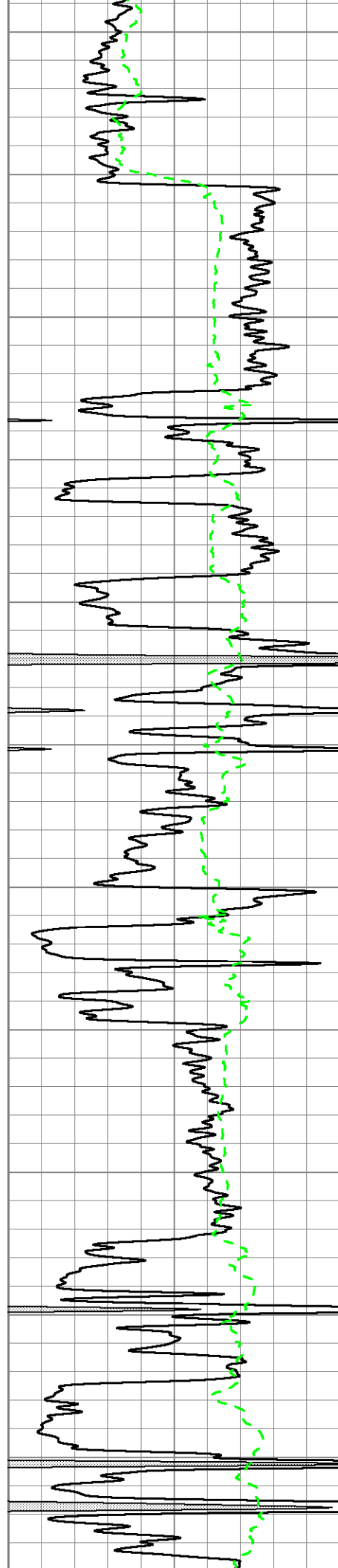
AIR DRILLED HOLE. NO MUD INFORMATION WAS AVAILABLE
TOOLS WERE RUN SEPERATELY
MEDIUM CURVE NOT PRESENTED DUE TO WELLBORE FLUID
BOREHOLE AND ANNULAR VOLUME MARKS PRESENTED ON DENSITY PLOT
ANNULAR VOLUME CALCULATED FOR 5-1/2" CASING
THANK YOU FOR USING FWS, INC. HOMINY, OKLAHOMA. (918) 885 6564

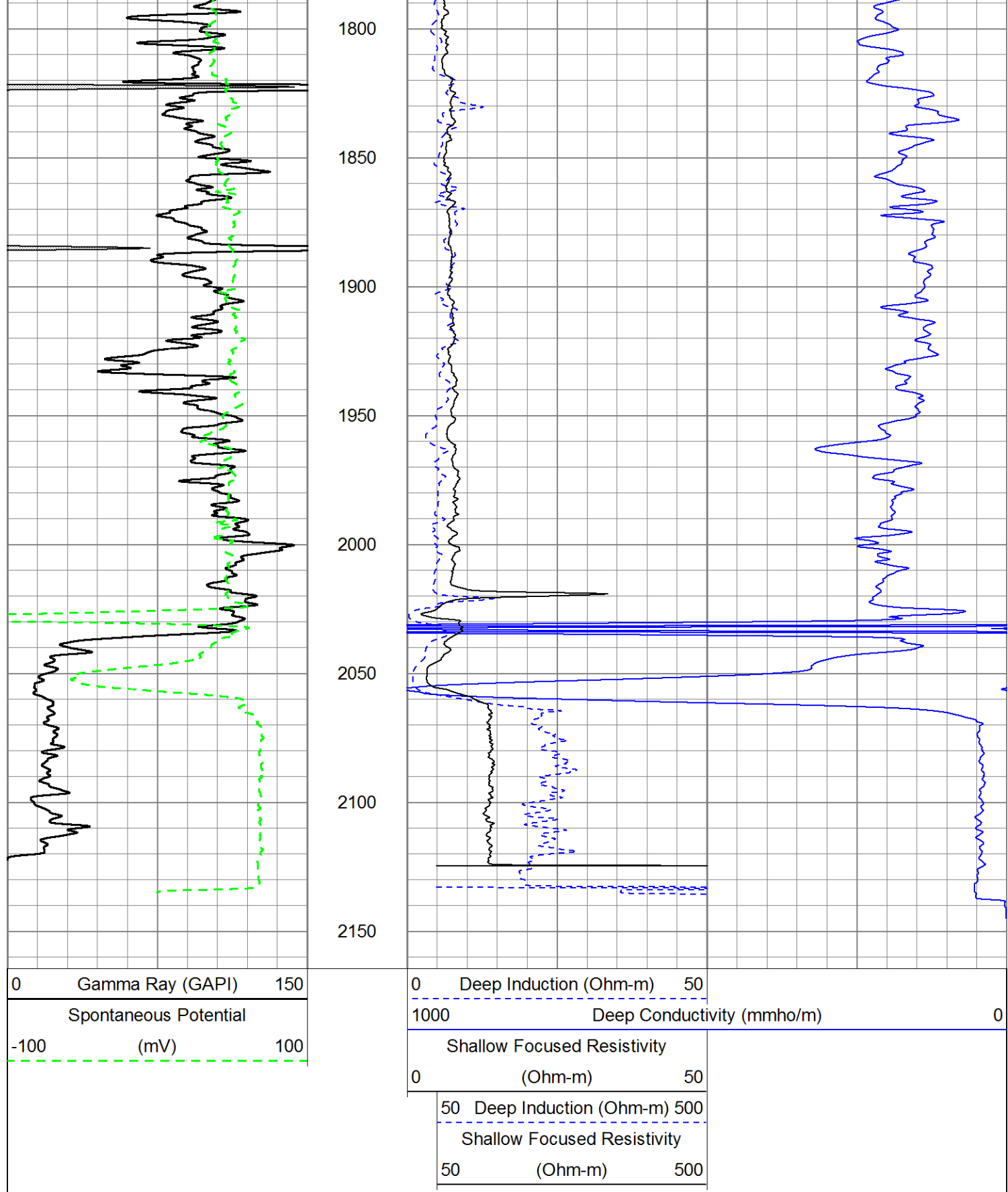
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)



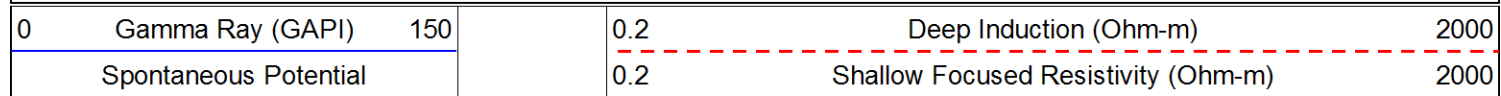
Database File: sm#4503.db
Dataset Pathname: trust1/run1/pass2.3a
Presentation Format: siln_2
Dataset Creation: Wed Aug 19 09:21:04 2015
Charted by: Depth in Feet scaled 1:600







Database File: sm#4503.db
Dataset Pathname: trust1/run1/pass2.3a
Presentation Format: dil
Dataset Creation: Wed Aug 19 09:21:04 2015
Charted by: Depth in Feet scaled 1:240



-100 (mV) 100

face Casing

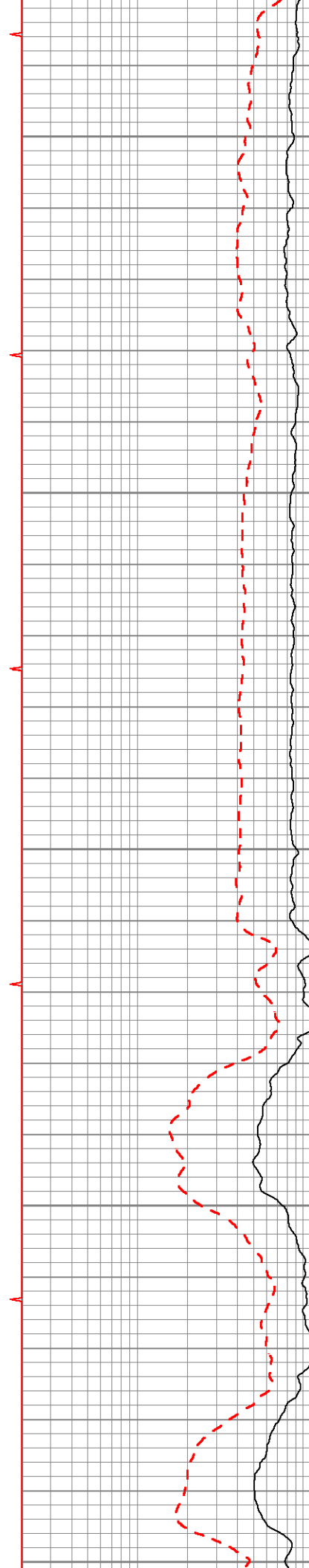
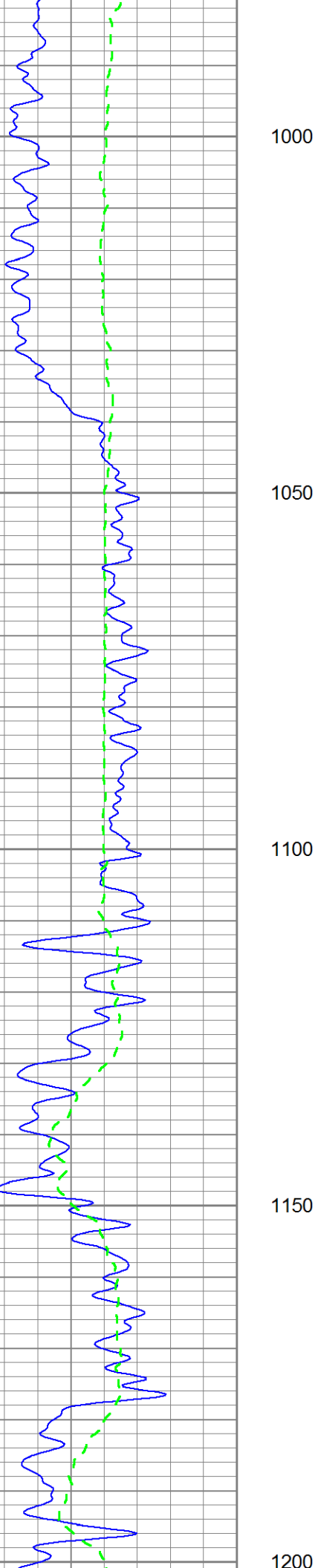


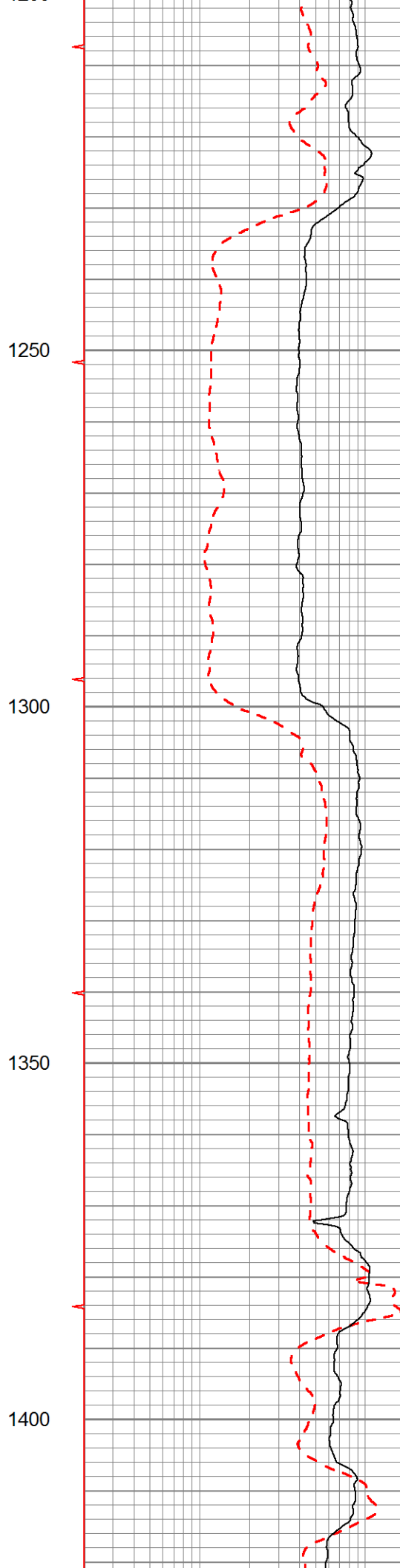
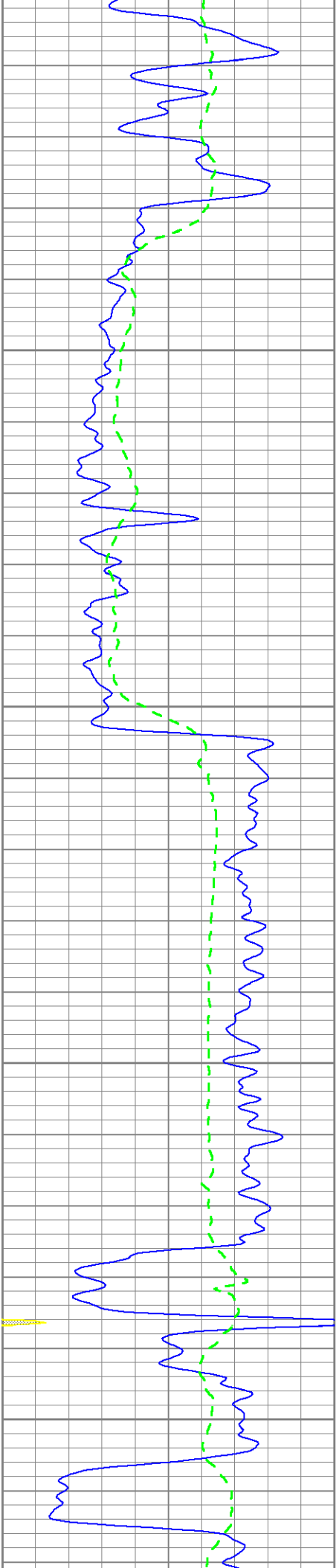
800

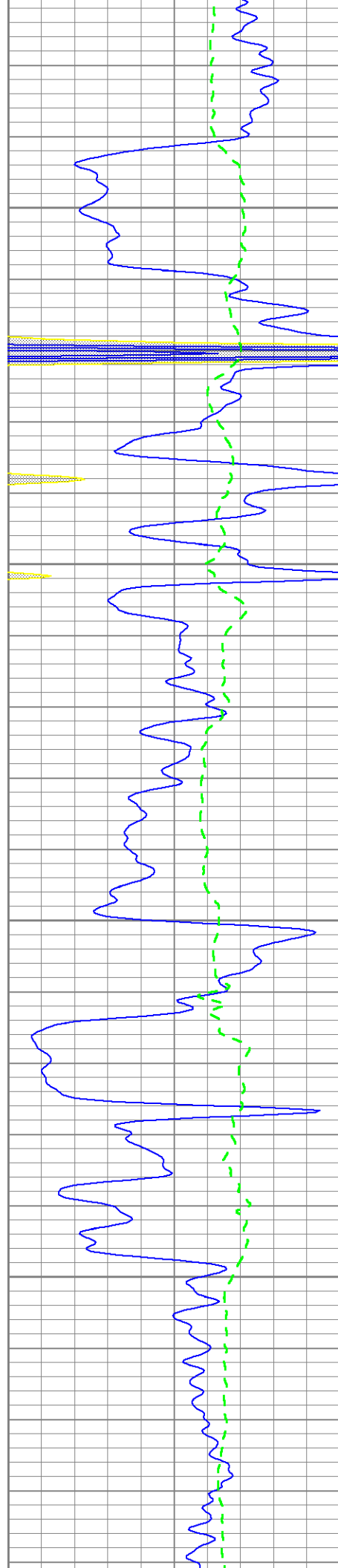
850

900

950





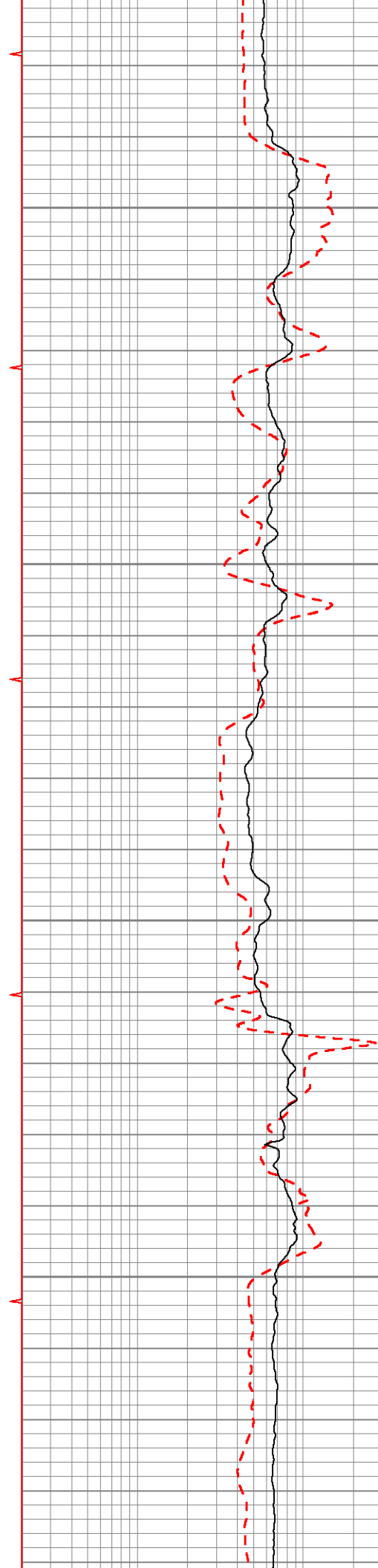


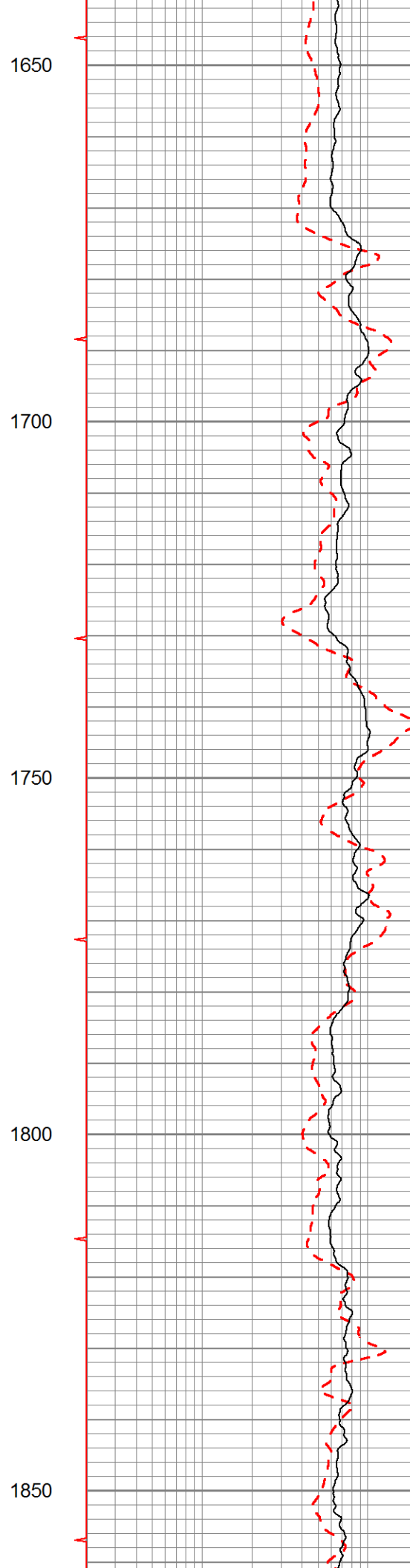
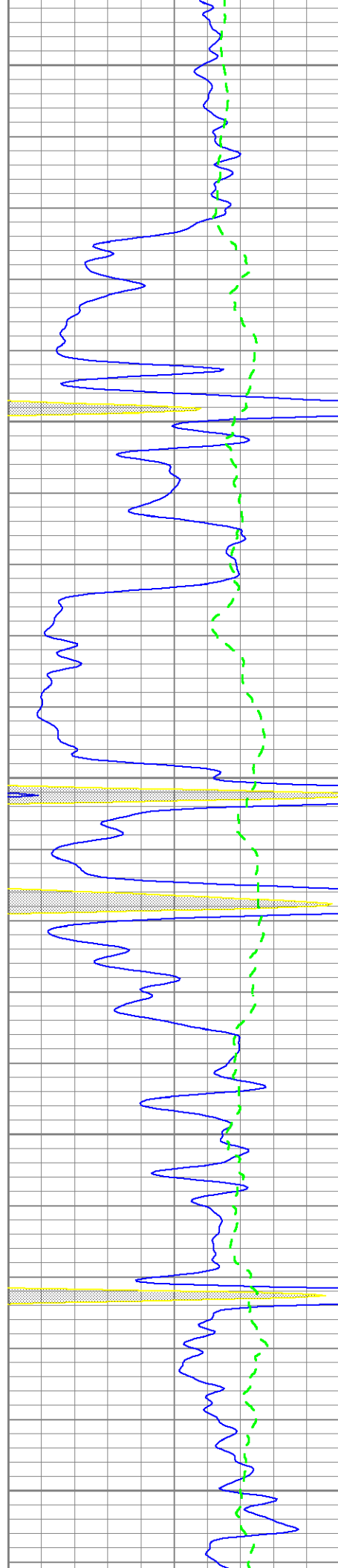
1450

1500

1550

1600





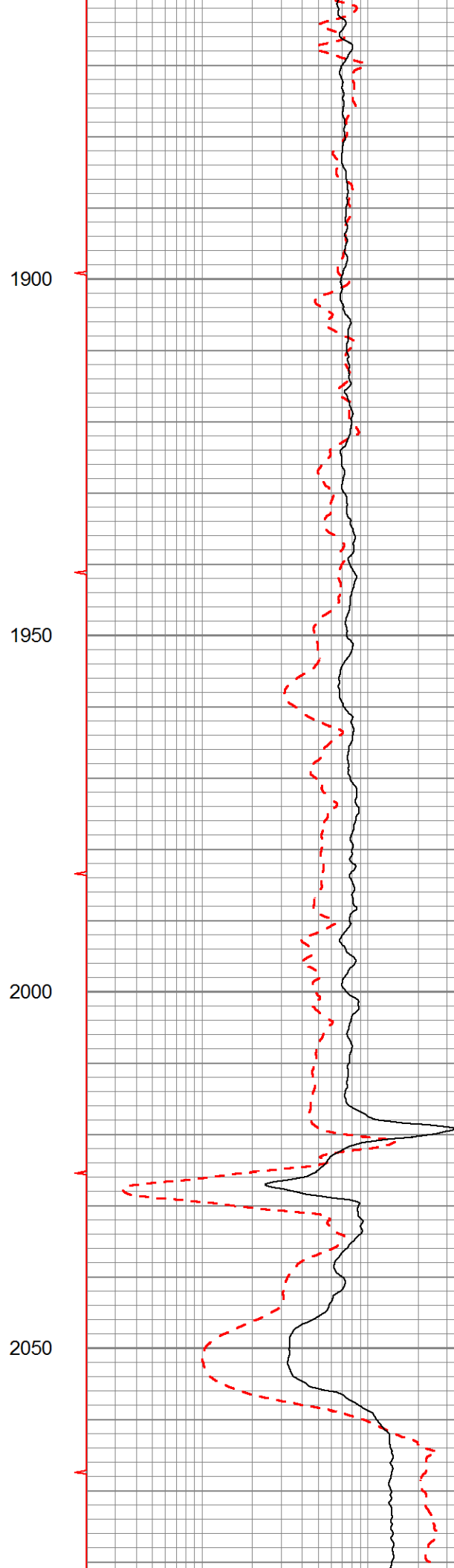
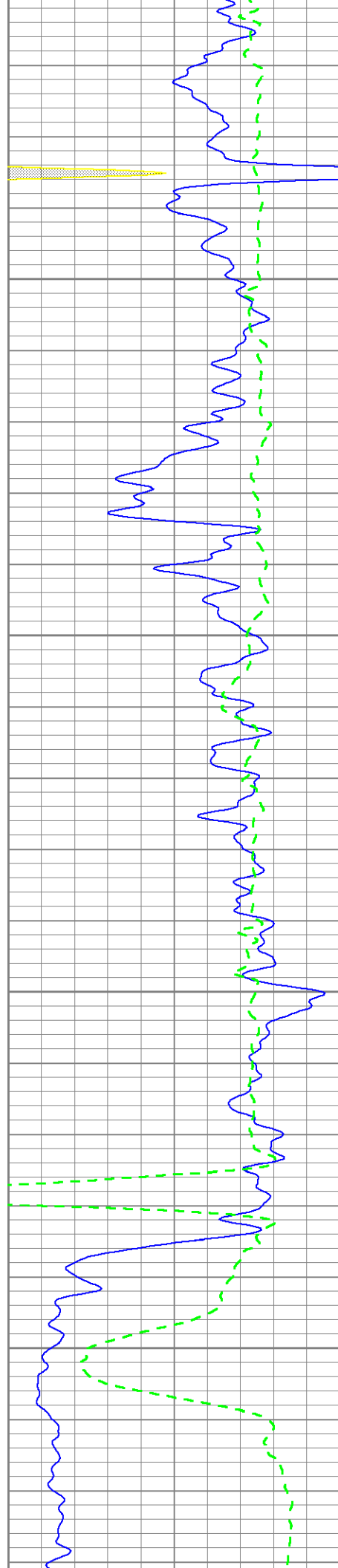
1650

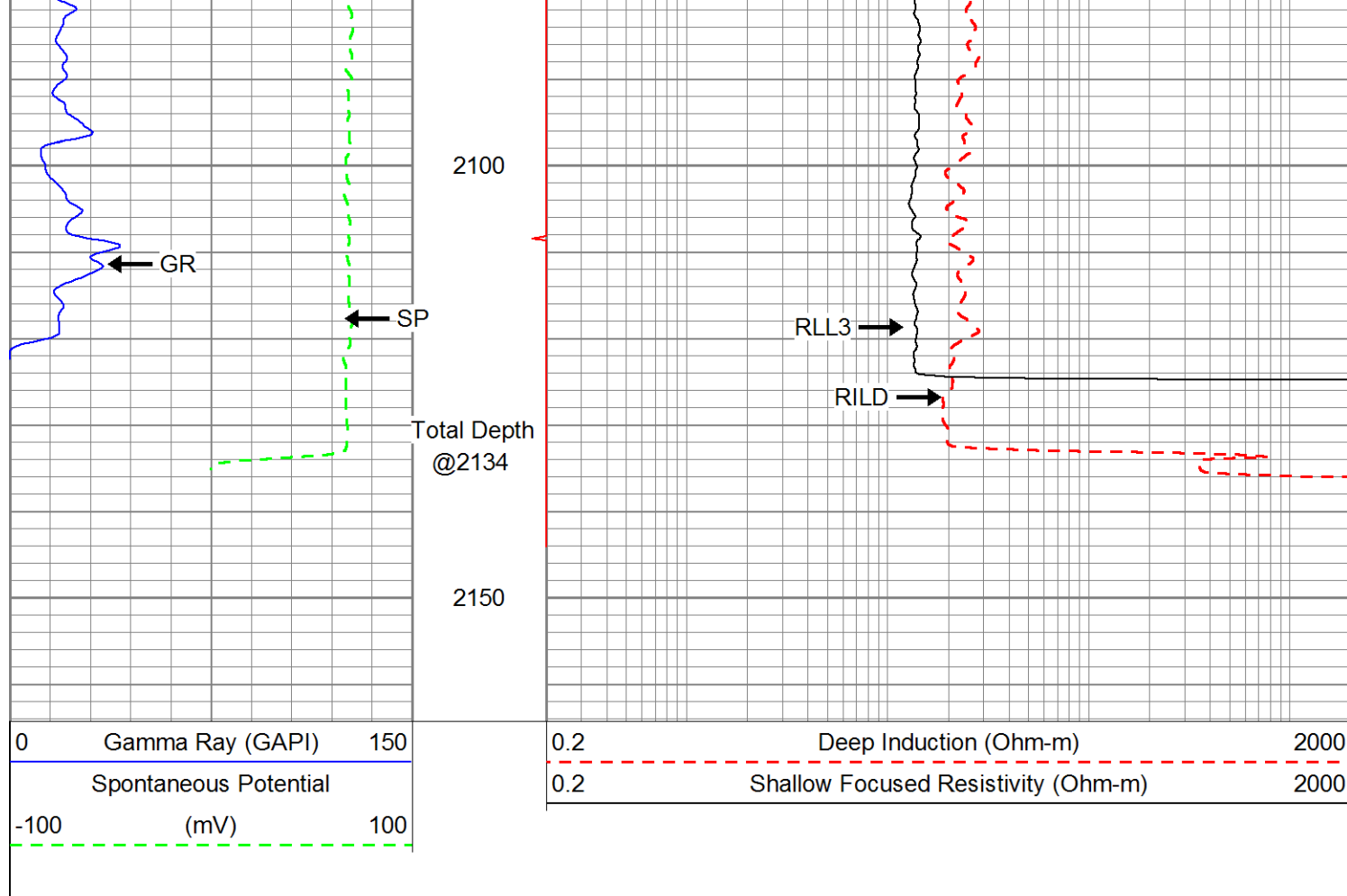
1700

1750

1800

1850





Calibration Report									
Database File:		sm#4503.db							
Dataset Pathname:		trust1/run1/pass2.3a							
Dataset Creation:		Wed Aug 19 09:21:04 2015							
Dual Induction Calibration Report									
Serial-Model:		1580-landy							
Surface Cal Performed:		Wed Jan 22 19:55:04 2014							
Downhole Cal Performed:		Wed Dec 11 10:36:28 2013							
After Survey Verification Performed:		Wed Dec 11 10:36:43 2013							
Surface Calibration									
		Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b	
Deep	0.081	1.752	V	0.000	300.000	mmho/m	2000.000	-14.461	
Medium	0.336	2.157	V	0.000	464.000	mmho/m	13500.000	-85.666	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.122	0.123	V	0.000	400.000	mmho/m	727273.000	-88862.500	
Medium	0.051	0.051	V	0.000	464.000	mmho/m	10866500.000	-558845.000	
Downhole Calibration									
		Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.000	1.000	mmho/m	-0.220	-0.133	mmho/m	0.087	-0.220	
Medium	0.000	1.000	mmho/m	-0.081	-0.063	mmho/m	0.018	-0.081	

