



COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company	RIVER ROCK OPERATING, LLC.		
Well	NELSON JANICE # 32-2M		
Field	FREDONIA		
County	WILSON	State	KANSAS
Location:	API # : 15-205-28433-0000		Other Services
	SE SW/NE NW 1020' FNL & 1710' FWL		DIL
Permanent Datum	GL	Elevation	922' est
Log Measured From	GL		K.B. ----
Drilling Measured From	GL		D.F. ----
	SEC 32 TWP 28S RGE 15E		G.L. 922' est
Date	6-19-2018		
Run Number	ONE		
Depth Driller	1257'		
Depth Logger	1250'		
Bottom Logged Interval	1248'		
Top Log Interval	SURFACE		
Casing Driller	8 5/8" @ 25'		
Casing Logger	8 5/8" @ 25'		
Bit Size	7 7/8"		
Type Fluid in Hole	WATER / AIR		
Density / Viscosity			
pH / Fluid Loss			
Source of Sample			
Rm @ Meas. Temp			
Rmf @ Meas. Temp			
Rmc @ Meas. Temp			
Source of Rmf / Rmc			
Rm @ BHT			
Time Circulation Stopped			
Time Logger on Bottom			
Maximum Recorded Temperature			
Equipment Number	OW2		
Location	HOMINY, OK		
Recorded By	W. LOWERY		
Witnessed By	MR. MAUER		

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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

OW2-9107
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 5 1/2" CASING

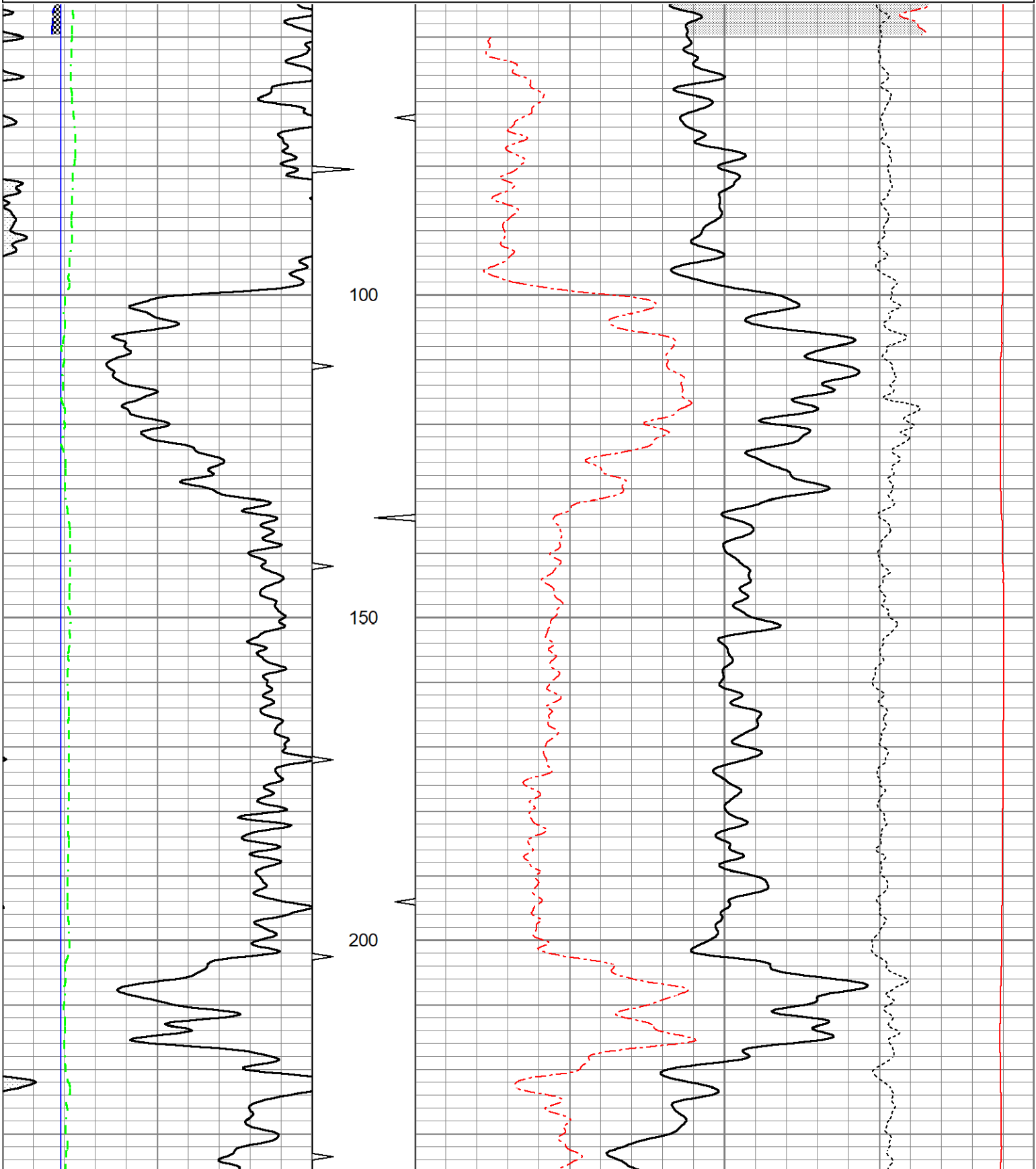
CREW : C. SHAMBLES

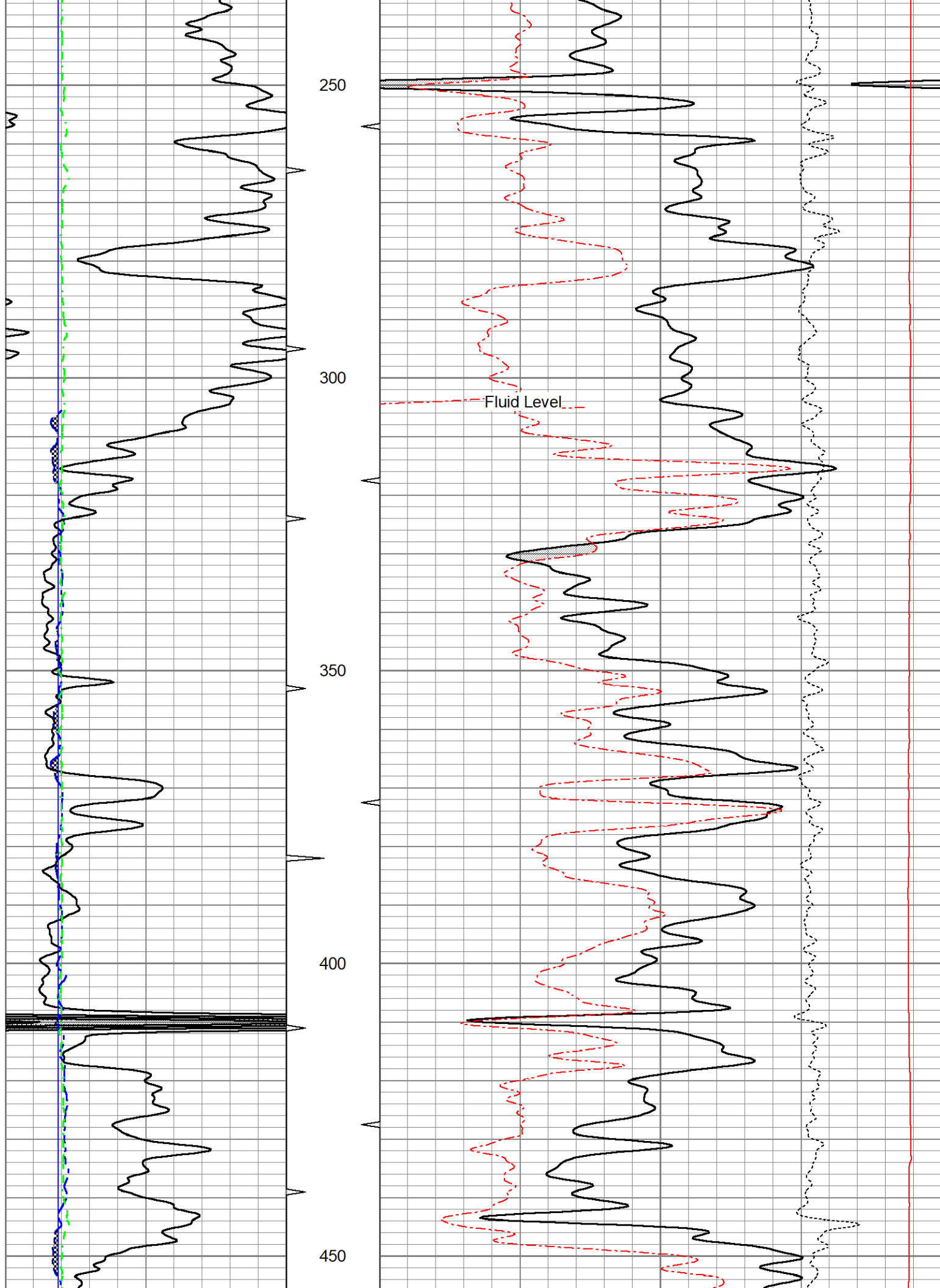


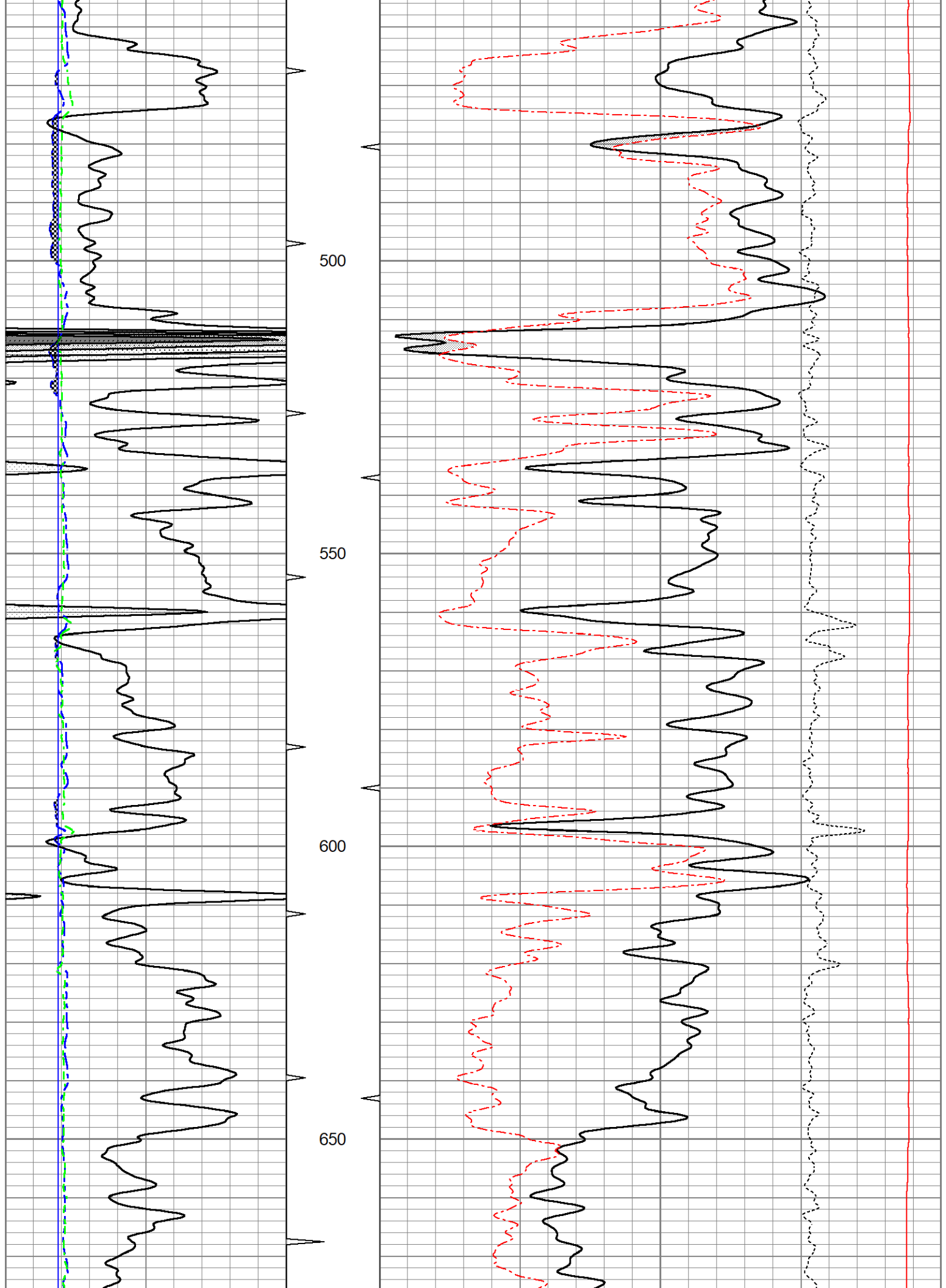
5" CDL/SWN SECTION

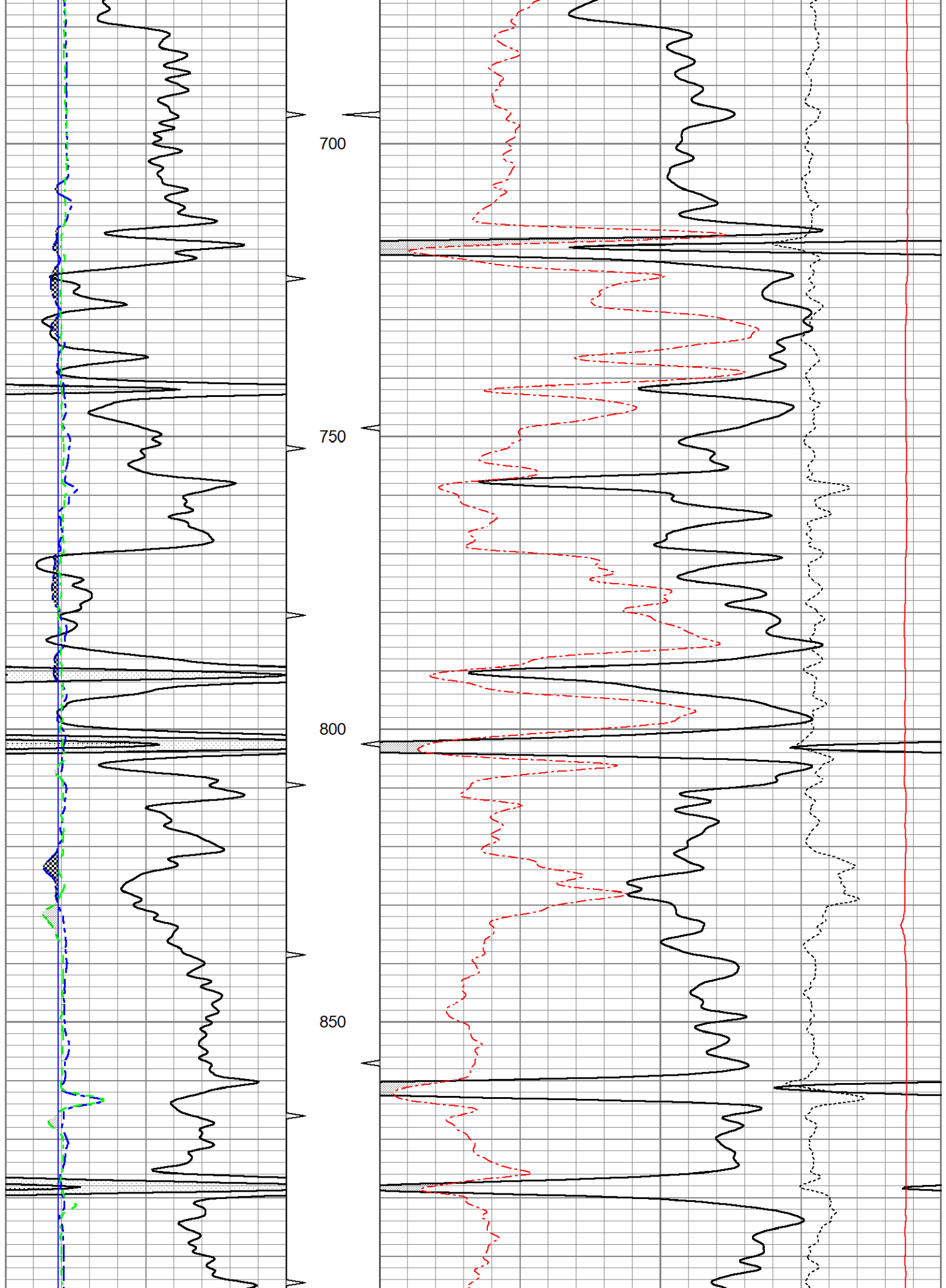
Database File	ow2-9107 kansas.db
Dataset Pathname	CDL/pass1.5
Presentation Format	_neu6
Dataset Creation	Tue Jun 19 09:34:43 2018
Charted by	Depth in Feet scaled 1:240

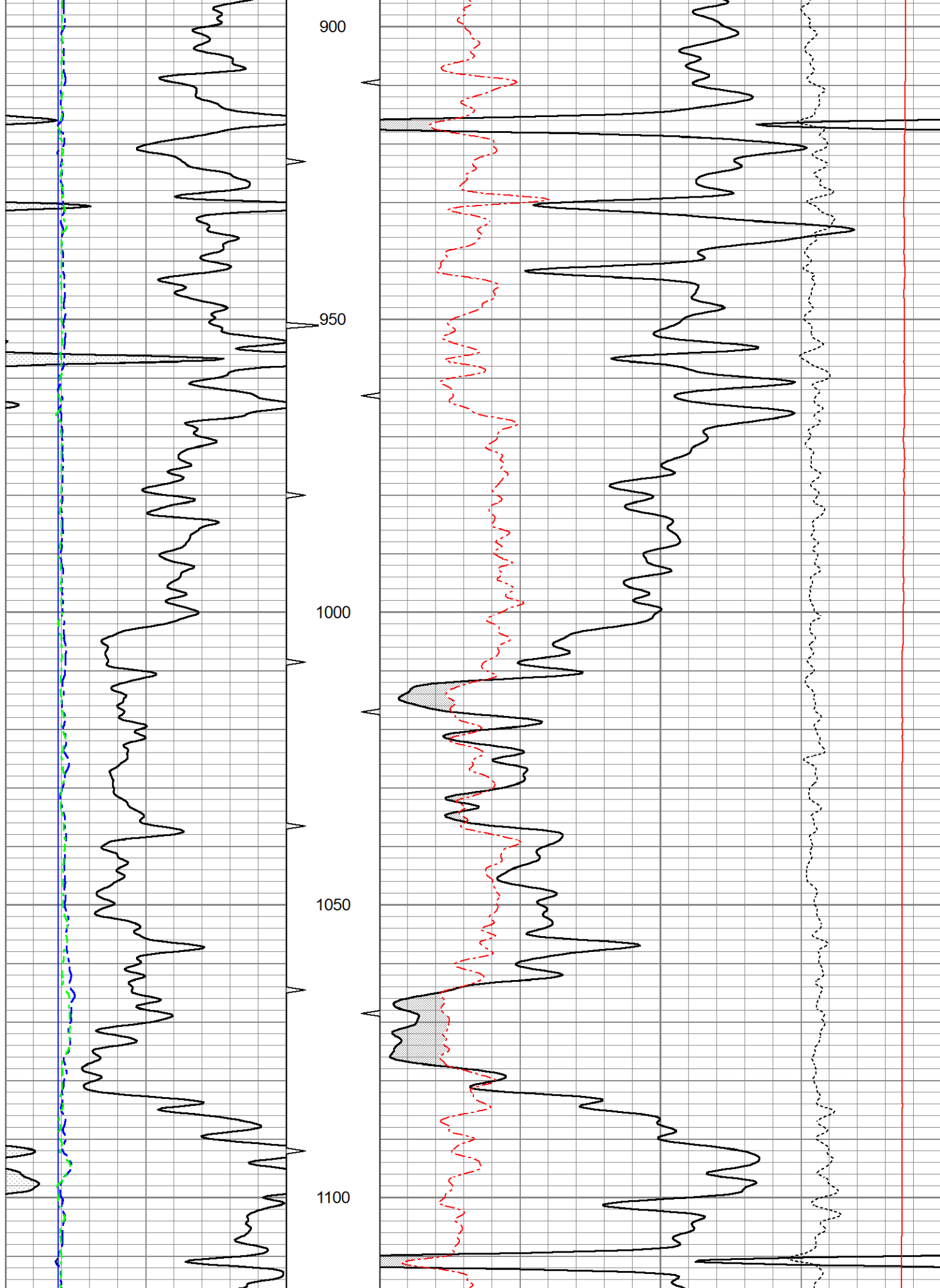
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
6	Bit size (in)	16	ABHV	30	Neutron Porosity (pu)	-10
6	Density Caliper (in)	16			-0.5	Correction (g/cc) 0.5
6	Neutron Caliper (in)	16			5000	Line Tension (lb) 0

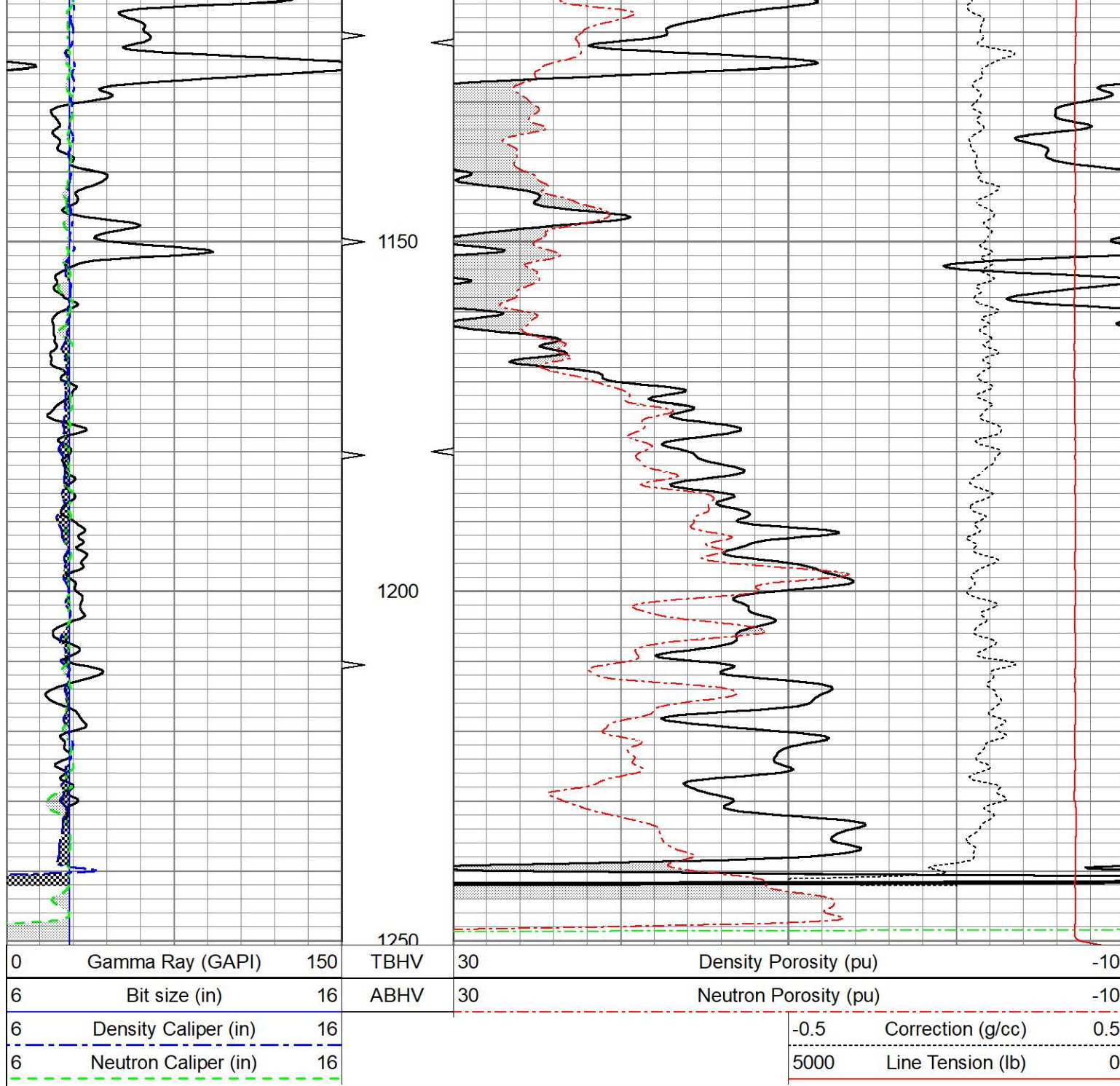








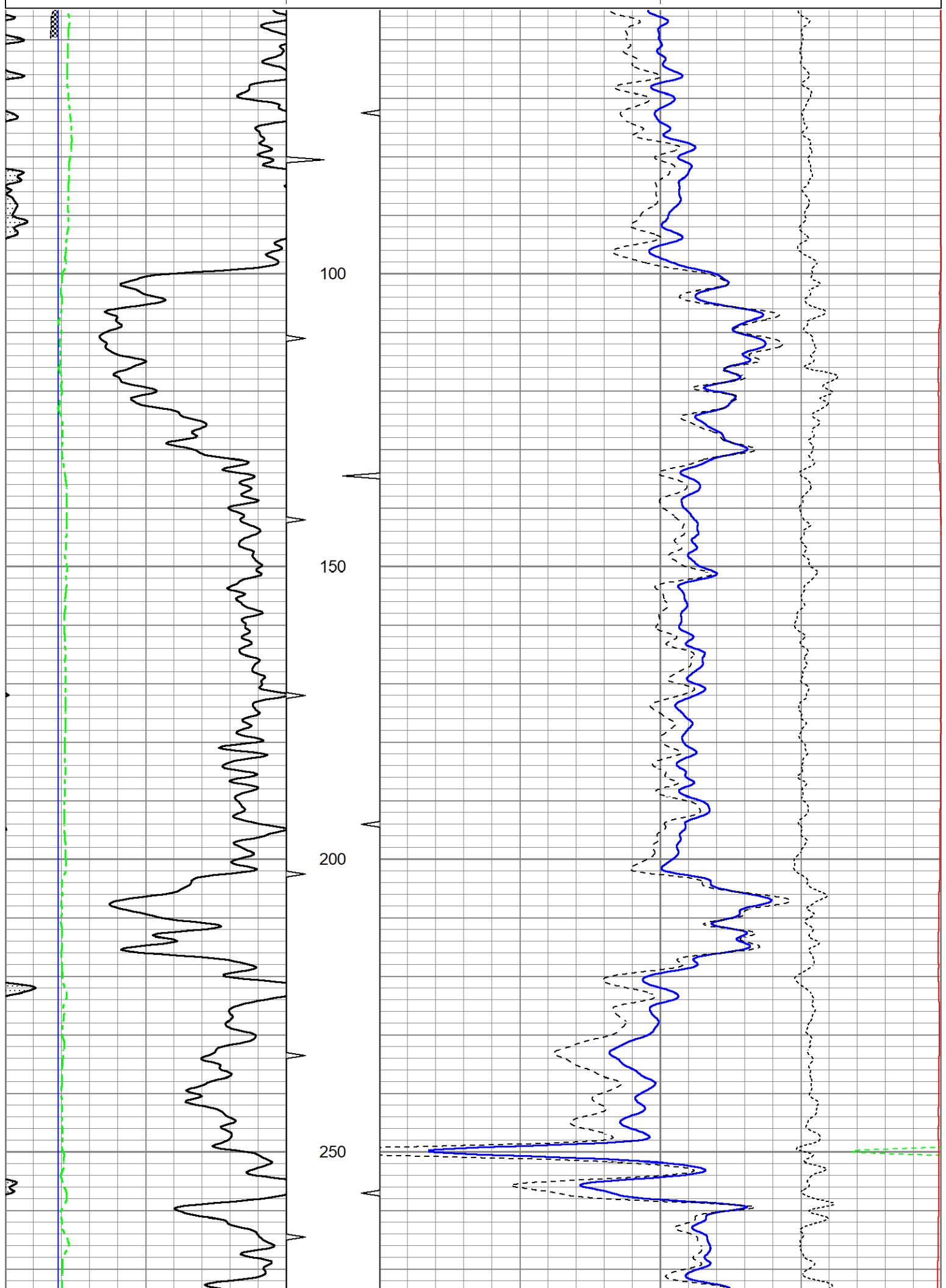


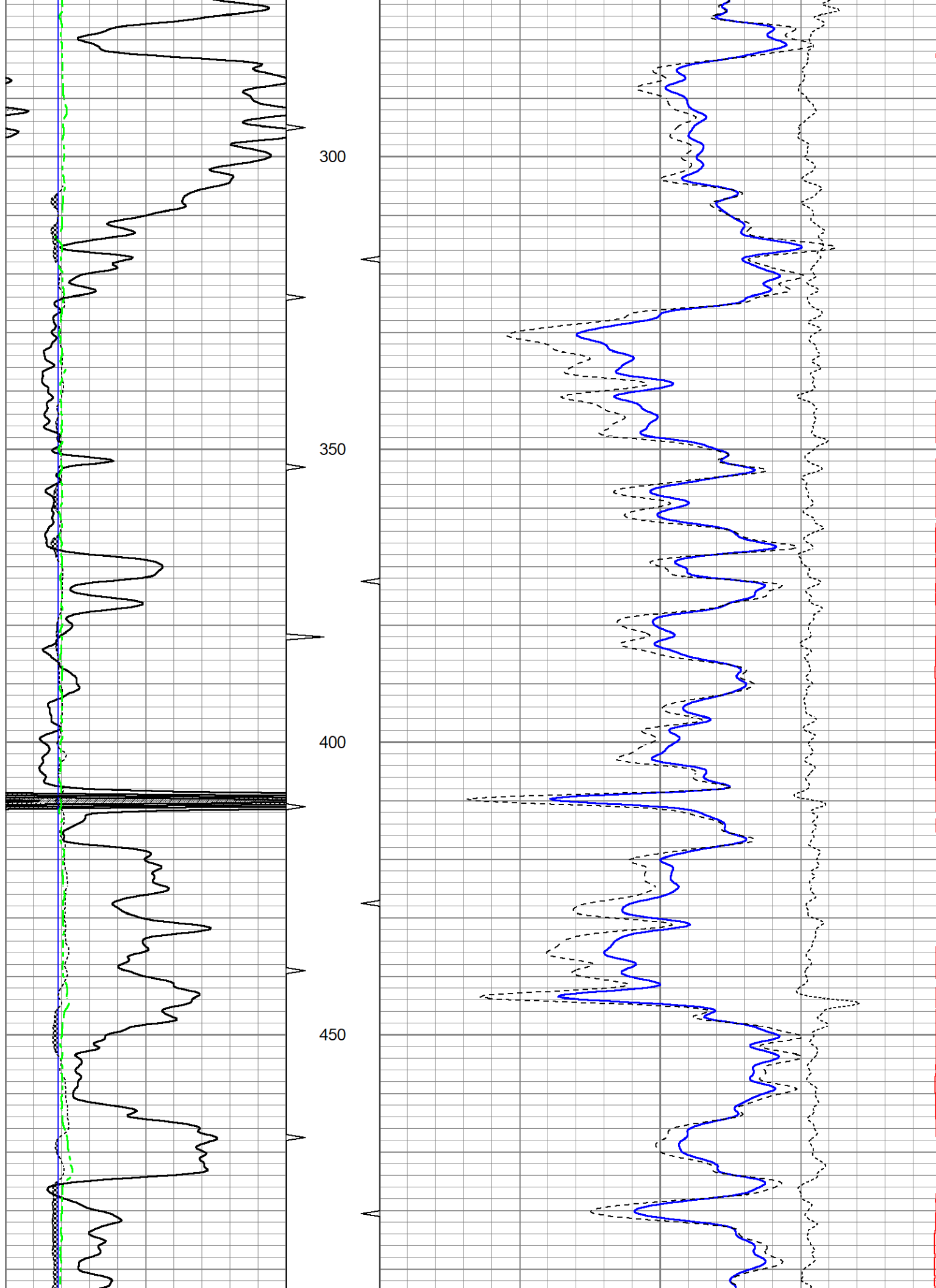


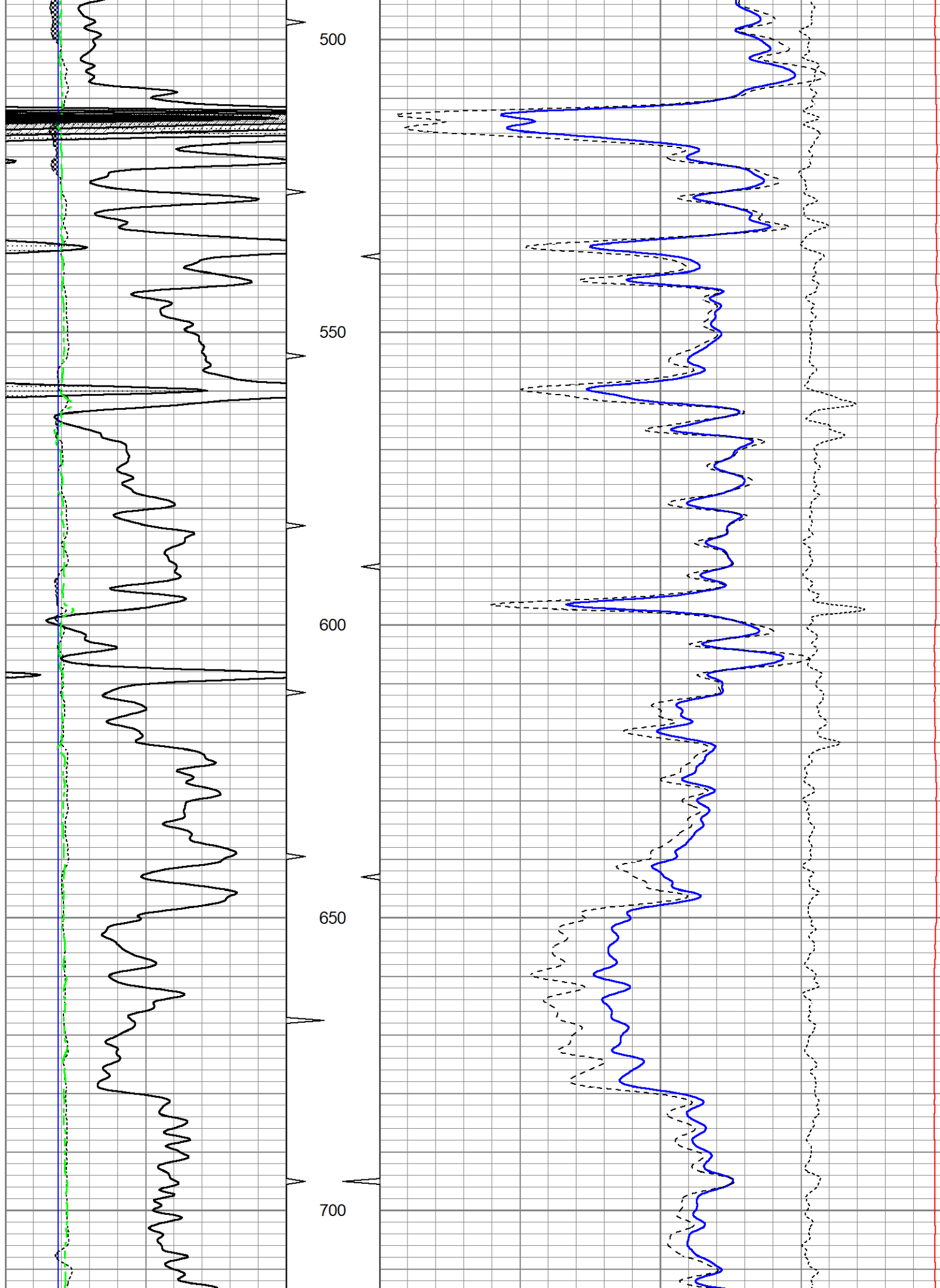
5" CDL SECTION

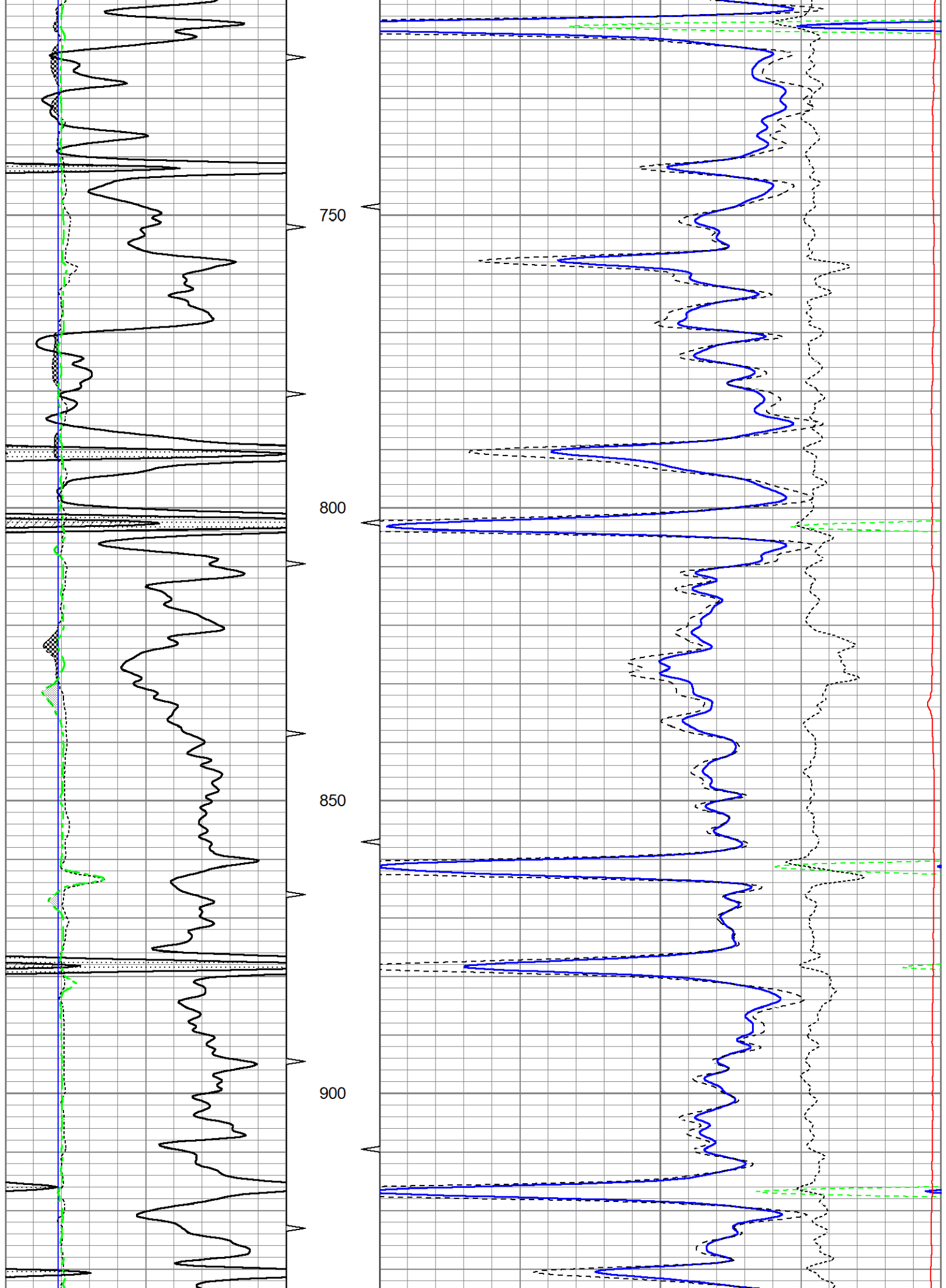
Database File: ow2-9107 kansas.db
 Dataset Pathname: CDL/pass1.4
 Presentation Format: bulk6
 Dataset Creation: Tue Jun 19 09:34:35 2018
 Charted by: Depth in Feet scaled 1:240

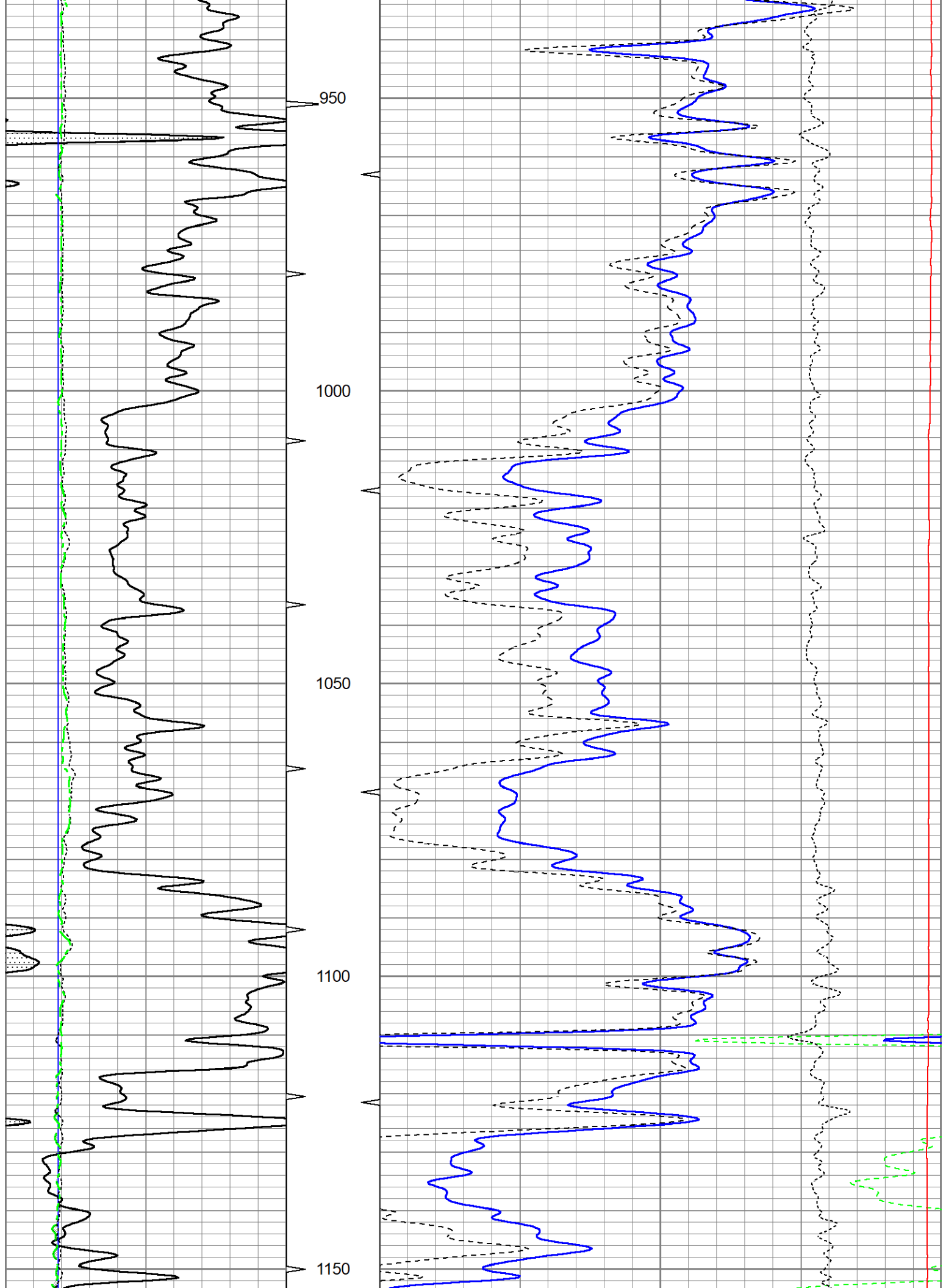
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
6	Bit size (in)	16	ABHV	30	Density porosity (pu)	-10
6	Density Caliper (in)	16			-0.5	Correction (g/cc) 0.5
6	Neutron Caliper (in)	16			5000	Line Tension (lb) 500

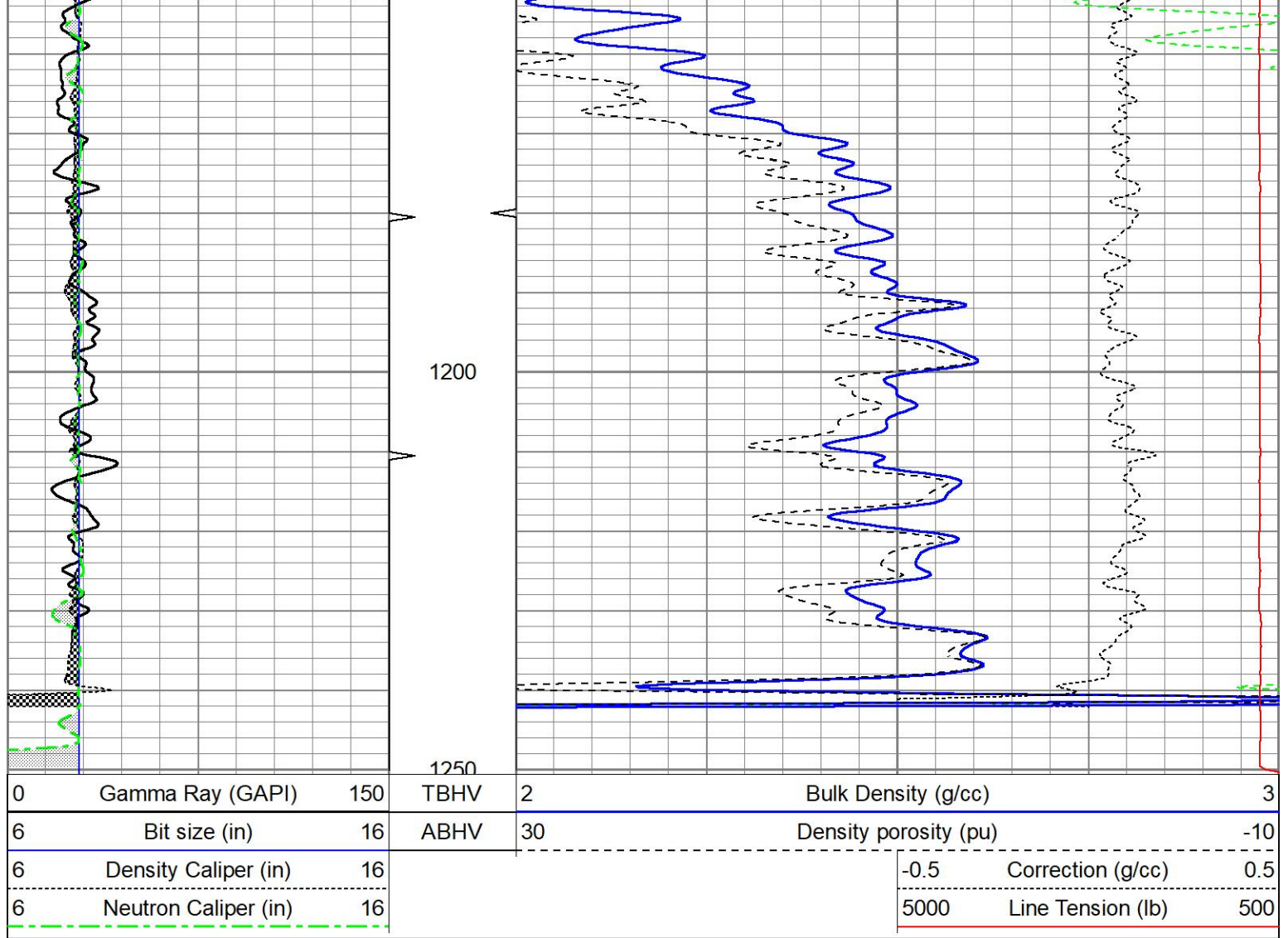












SCAL	2.54		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
SWN	2.15					
NEU	2.15					

Dataset: ow2-9107 kansas.db: field/well/CDL/pass1

Total length: 18.15 ft

Total weight: 495.00 lb

O.D.: 4.00 in