Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1258799

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5150
Name: Colt Energy Inc
Address 1: PO BOX 388
Address 2:
City: IOLA State: KS Zip: 66749 + 0388
Contact Person: BETH WILSON
Phone: (913) 236-0016
CONTRACTOR: License # 34953
Name: King, Andrew D.
Wellsite Geologist: REX ASHLOCK
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

06/15/2015	06/18/2015	07/17/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-207-29245-00-00
Spot Description:
NW NW NW NE Sec. 23 Twp. 26 S. R. 14 ☑ East ☐ West
291 Feet from ☑ North / ☐ South Line of Section
2496 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)*, Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Woodson
Lease Name: LAUBER Well #: 34
Field Name: BIG SANDY
Producing Formation: BARTLESVILLE
Elevation: Ground: 916 Kelly Bushing: 0
Total Vertical Depth: 1392 Plug Back Total Depth: 1252
Amount of Surface Pipe Set and Cemented at: 41 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 1000 ppm Fluid volume: 120 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: COLT ENERGY INC
Lease Name: LOUK License #: 5150
Quarter NW Sec. 23 Twp. 26 S. R. 14 ☑ East ☐ West
County: WOODSON Permit #: D28300

AFFIDAVIT
I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
☐ **Confidentiality Requested**
Date:
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ **I** ☑ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 07/27/2015

1258799

Operator Name: Colt Energy Inc Lease Name: LAUBER Well #: 34

Sec. 23 Twp. 26 S. R. 14 ☑ East ☐ West County: Woodson

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☑ Yes ☐ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

GRN
DIL
CDL

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
SEE ATTACHED	0	0
DRILLERS LOG	0	0

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	11.75	8.625	24	41	PORTLAND	14	0
Production	6.75	4.5	10.5	1252	THICK	135	0

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4	1261-1263	50 GAL OF 15% HCL	1261-1263
4	1266.5-1269.5	504# 16/30 SAND	1266.5-1269.5
5	1272-1280	4494# 12/20 SAND	1272-1280
		20 BALL SEALERS	

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 07/17/2015

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☑ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Bar Drilling, LLC

INVOICE

1317 105th Rd
Yates Center, KS 66783
(719) 210-8806 ,(620) 625-3679

DATE: June 30, 2015
INVOICE #

BILL TO:
Colt Energy Inc.
P.O. Box 388
Iola, KS 66749

FOR: lauber 34
API# 15-207-29245

DESCRIPTION	Quanity	RATE	AMOUNT
set 40.5' of 8 5/8" surface casing with 14 sacks of cement		included	
drilled 1392', (6 3/4" hole)	1.00	10125.00	10,125.00
core	1.00	included	

SUBTOTAL	$ 10,125.00
TAX RATE	
SALES TAX	-
OTHER	
TOTAL	$ 10,125.00

APPROVED JA 7/6/2015

THANK YOU FOR YOUR BUSINESS!

Mud Rotary Drilling
Andrew King - Manager/Driller

Bar Drilling, LLC

Phone: (719) 210-8806

1317 105th Rd.
Yates Center, KS 66783

Company/Operator	Well No.	Lease Name	Well Location	1/4	1/4	1/4	Sec.	Twp.	Rge.
Colt Energy Inc.	34	Lauber	291'fnl, 2496'fel	NW	NW	NW	23	26s	14e

P.O. Box 388	Well API #	Type/Well	County	State	Total Depth	Date Started	Date Completed
Iola, KS 66749	15-207-29245	Oil	Woodson	KS	1392'	6/15/2015	6/17/2015

Job/Project Name/No.	Surface Record		Bit Record				Coring Record				
			Type	Size	From	To	Core #	Size	From	To	% Rec.
Driller/Crew	Bit Size:	11 1/4	PDC	11 1/4	0'	40.5	1	3"	1260'	1287'	99
Andy King	Casing Size:	8 5/8	PDC	6 3/4	40.5'	1392'					
Charles King	Casing Length:	40.5'									
	Cement Used:	14SX									
	Cement Type:	Portland									

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation
0	26	Overburden	1287	1390	sandy shale			
26	196	shale	1390	1392	miss lime			
196	459	lansing lime						
459	535	shale						
535	624	Kc lime						
624	628	shale						
628	706	lansing lime						
706	819	shale						
819	826	Lime						
826	853	shale						
853	864	Lime						
864	958	sandy shale						
958	990	lime						
990	1008	shale						
1008	1025	Ft Scott lime						
1025	1031	shale						
1031	1041	lime						
1041	1054	shale						
1054	1070	sandy shale						
1070	1109	shale						
1109	1120	lime						
1120	1258	shale						
1258	1260	oil sand						
1260	1287	Core mostly oil sand						

Well Notes:

ran 1352'+- of 4 1/2" casing.

Colt Energy, Inc.
Geological Report

Well: **Lauber #34** Draft: 6/19/2015
291 FNL, 2496 FEL
Section 23-T26S-R14E
Woodson Co., KS
API #15-207-29245
Elevation: 935 (936.28 surveyed elevation, removed some overburden to level location)
Drilling Contractor: Andrew King (Op. Lic. #34953), dba BAR Drilling, LLC
Spud: 6/15/2015
Surface Casing: 11.75" bore hole, 8 5/8" set at 40.5', cmtd w/ 14 sx of Portland
Under Surface: 6/16/15
Drilling fluid: water "native mud" and a little polymer
Production bore hole: 6.75"
Rotary Total Depth (RTD): 1392' (6/17/15)
Geophysical E-Log(s): CDL and IES by Osage Wireline (6/17/15)
Production Casing: 1252.10' of 4 ½", 10.5#/ft., includes 4' cmt pup jt., cmtd w/ 135 sx, (6/18/15)
Production Casing: Ran in hole by: BAR Drilling, LLC (6/18/15)

Formation/Member	DL/Spl Tops	Log Tops (Rdd off)	Datum (935)
Lansing Ls	196 (DL)	195	740
Base Lansing	459	458	477
Kansas City Ls	535	534	401
Stark Sh	624	625	310
Hushpuckney Sh	----	663	272
Base Ks City	----	681	254
"Old Drillers Log" B. KC	706	707	228
South Mound Sh	----	811	124
"Weiser" Ss	----	908	27
Mulberry Coal	----	952	-17
Myrick Station Ls	976 (drlg time)	976	-41
Anna (Lexington Coal Zone) Sh	981	981	-46
Ft. Scott ("Oswego") Ls	1005 (spl top)	1005	-70
Little Osage (Summit Coal Zone) Sh	1024	1024	-89
Excello Sh	1039	1039	-104
Mulky Coal	1041	1043	-108
Squirrel Sand	1050	1050	-115
Bevier Coal	1106 (drlg time)	1106	-171
Verdigris (Ardmore) Ls	1118	1119	-184
"V" (Croweburg) Sh	1120	1121	-186
Croweburg Coal	1123	1123	-188
Fleming Coal	1162	1162	-227
Mineral Coal	1179 (spl)	1179	-244
Scammon Coal	1195	1195	-260
"Lower" Cattleman Ss	1197	1197	-262

Formation/Member	Spl Tops	Log Tops (Rdd off)	Datum (935)
Un-named Carb. Zone	1228	1227	-292
Un-named Coal (Tebo?)	----	----	----
Bartlesville Ss	1256	1256	-321
"Clean" Bartlesville Ss	1259	1260	-325
Un-Named Coal	1333	1326	-391
Riverton Coal	1350	1350	-415
Mississippian	*1390	----	*-455
Rotary Total Depth	1392	----	-457
E-log TD	----	1389	-454

The following report is based on microscopic examination of rotary drill cuttings collected on location while drilling, a core taken from the Bartlesville Sand Zone, and a series of open hole logs; depths have been corrected back to the open hole log measurements unless noted.

Note: Drill cuttings were collected, "bagged", and microscopically examined from 10__ to 1110 and 1220 to 1392 (RTD).

Major Zones of Interest:

"Weiser" Sandstone. The open hole logs – "log", show well developed sand from 908 to 950 with a couple of minor silty to shaley "breaks", sand calculates to be "watery", could make a good source for a water supply if needed in the future.

Mulberry Coal, 952-953. Log shows about a foot of coal with a bulk density of 1.97.

Anna Shale (Lexington Coal Zone), 981-983. No indications to the presence of coal.

Little Osage Shale (Summit Coal Zone), 1024-1026. Shale, black, trace green-gray, gray-green, and grays with depth (1026-1031), mix of angular, blocky, and platy cuttings, pyritic in part, no shows of free gas or coal and the log shows no signs of coal.

Excello Shale, 1039-1043. Shale, black, angular to platy cuttings, gritty textured in part, scattered micro pyritic fragments, and no shows of gas.

Mulky Coal, 1043-44+. Coal, 40% were "floaters", no visible shows of free gas, log shows a little over 1.5 feet of coal with a bulk density of 1.67, there is a washout below the coal, but do not believe has affected the bulk density reading.

Lauber #34

Major Zones of Interest continued:

Squirrel Sand, 1050-1059. Sandstone, off white with very-very light/pale grayish-green tint, grays, trace medium tans, silt size to fine grain, s-angular to very angular, poorly sorted, poor to moderately consolidated, friable clusters, abundant loose grains, very poor with trace fair porosity, scattered micro silt and shale laminations, scattered micro shale platelets in most clusters and part of the loose grains, no to very-very dull fluorescence, very weak pungent petroliferous odor, very weak to weak shows of very dark brown free oil and hydrocarbon residue – "dead oil", no visible shows of gas.

1062-1071. Silt/sandstone, gray to medium gray, samples were fairly silty to shaley, but the log shows a little "cleaner" sand, had weak shows of dead oil.

Note: Based on the drill cuttings examined collected through the Squirrel Sand Zone and the results obtained from the open hole, cannot recommend further testing of this sand.

Bevier Coal, 1106-1107. The log indicates about ½ a foot of coal with a bulk density of 2.11.

Croweburg Coal, 1123-1124. Log shows a foot of coal with a bulk density of 1.98.

Fleming Coal, 1162-1164. Log illustrates the coal to be about 1.75 feet thick with a bulk density of 1.85.

Mineral Coal, 1178+ - 1180+. Coal and trace "coaly-shale", no "floaters", trace pyritic, some with gritty texture, no apparent shows of gas, coal is around 1.75+/- feet thick with a bulk density of 1.72, would of thought there would have been abundant "floaters" with this much coal.

Scammon Coal, 1195-1197. Coal, 10-15% were "floaters", pyritic in part, no shows of gas, log shows about 1.75+/- feet of coal with a bulk density of 1.75.

"Lower" Cattleman Sand, 1197-1204+/-. Silt/sandstone, off white, tans and grays, silt size to fine grain, angular to very angular, poor to very poorly sorted, moderately well consolidated, friable clusters, scattered loose grains, poor to very poor porosity, silty to shaley, micaceous, no fluorescence,

Bartlesville Sand Zone:

1256-1259+/-. Siltstone, sandstone, and clay/mudstone; had clusters that consisted of a mix of all three, sand grains were clear, frosted, semi-translucent, and opaque, silt size to medium grain – mostly fine grain, sub-angular to very angular, trace sub-rounded, very poor to moderately well consolidated, friable clusters and abundant loose grains, mostly poor porosity, silty to shaley in part, sand became "cleaner" with depth, fair to good odor, dull fluorescence, scattered weak to fair, trace good shows of free oil were sand clusters were "cleaner", no shows of gas.

Lauber #34

Bartlesville Sand Zone continued:

1259-1260+/-. Sandstone, browns (color varied due to oil content), mostly fine grain, sub-angular to very angular, moderately well sorted, poorly consolidated, abundant loose grains, very friable clusters, few micro shale platelets, good to very good inter-granular porosity, very strong oily odor, fair to good fluorescence (for the area), good to very good with trace excellent shows of very dark brown free oil, questionable gas bubbles from some clusters.

Note: Cored the Bartlesville Sand Zone from 1260 to 1287.25+/- (Driller's depths or 1261+/- to 1288+/- log measurements, the two depths are very close, depending on what "top" you line the drilling time up to the neutron side of the log, please see the Core Report.

Bartlesville Sand Zone Drill cuttings continued:

1287+/- - 1288. Sandstone, grays (color varied to oil content), silt size to fine grain, trace medium grain, sub-angular to very angular, poor to moderately well sorted, poor to very poorly consolidated, abundant loose grains and fine clusters, good to very good porosity, no fluorescence, weak to fair pungent petroliferous – "dead oil" odor, trace tarry to tacky black oil , but mostly fair to good shows of hydrocarbon residue – "dead oil".

Note: Based on the results from the core obtained from the Bartlesville Sand, the "dead oil" transition zone appears to be at 1280+/- (-345).

Un-named Coal (one of the Neutrals / "AW" or "BW"), 1326-1328. Coal, 10+/-% were "floaters", no visible shows of gas, not much coal in sample, log shows over 1.5 feet of coal with a bulk density of 1.98.

Riverton Coal, 1350-1352+. Coal, 20% plus were "floaters", no apparent shows of gas, log shows over 2 feet of coal, but again not much coal in sample, possibly the "drag" bit pulverizes the coal, the sample bucket wash water turned very dark gray to black when rinsing off the drill cutting, possible same thing happen with the coal above, no shows of gas were observed and this coal a bulk density of 1.53.

Mississippi(an), 1390-1392 (sample footage, not logged). Mix or conglomerate of; chert, off white, cream, light tans, trace semi-translucent, tripolitic in part, scattered fragments of very light tan to cream, very fine to coarse crystalline, glauconitic limestone, few pieces of dolomite which were sucrosic in part and had questionable hydrocarbon staining, no shows of free oil or gas.

Lauber #34

Summary:

Due to the shows of oil found in the Bartlesville Sand, the decision was made to run production casing for further testing of this sand for commercial production.

End Report

Rex R. Ashlock
For: Colt Energy, Inc.

MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.

API# 15-207-29,245

Company Colt Energy, Inc.
Well Lauber No.- 34
Field Big Sandy
County Woodson State Kansas

Location
291' FNL & 2496' FEL
NW-NW-NW-NE
Sec. 23 Twp. 26s Rge. 14e

Other Services
Perforate

Permanent Datum GL Elevation 935'
Log Measured From GL
Drilling Measured From GL

Elevation
K.B. NA
D.F. NA
G.L. 935'

Date	06-30-2015		
Run Number	One		
Depth Driller	1392.0		
Depth Logger	1342.7		
Bottom Logged Interval	1341.7		
Top Log Interval	20.0		
Fluid Level	Full		
Type Fluid	Water		
Density / Viscosity	NA		
Salinity - PPM Cl	NA		
Max Recorded Temp	NA		
Estimated Cement Top	0.0		
Equipment No. Location	104 Osawatomie		
Recorded By	Steve Windisch		
Witnessed By	John Amerman		

RUN	BORE-HOLE RECORD			CASING RECORD			
No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	12.25"	0.0	40.5	8.625"	24.0 #	0.0	40.5
Two	6.75"	40.5	1392.0	4.50"	10.5 #	0.0	1352.0
				Baffle	Set	At	1348.0

<<< 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

Drilling Contractor :
Bar Drilling, LLC

Database File: lauber 34.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Jun 30 10:31:43 2015 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240

06-30-2015
Perforated Intervals
3 3/8" DP 19 Gr. T. ECG
1261.0 - 1263.0 9 Perfs
1266.5 - 1269.5 13 Perfs
1272.0 - 1280.0 33 Perfs

DUAL INDUCTION
LL3/GR LOG

Company	COLT ENERGY INC.
Well	LAUBER # 34
Field	BIG SANDY
County	WOODSON
State	KANSAS

Location: API # : 15-207-29245-0000
NW NW NW NE
291' FNL & 2496' FEL
SEC 23 TWP 26S RGE 14E

Other Services: CDL/SWN

Permanent Datum	GL	Elevation	935'
Log Measured From	GL		
Drilling Measured From	GL		

Elevation
K.B. ---
D.F. ---
G.L. 935'

Date	6-17-2015		
Run Number	ONE		
Depth Driller	1392'		
Depth Logger	1389'		
Bottom Logged Interval	1387'		
Top Log Interval	SURFACE		
Casing Driller	8.625" @ 40.50'		
Casing Logger	8.625" @ 40.50'		
Bit Size	6.75"		
Type Fluid in Hole	WATER		
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	LOWERY		
Witnessed By	MR. ASHLOCK		

<< Fold Here >>>

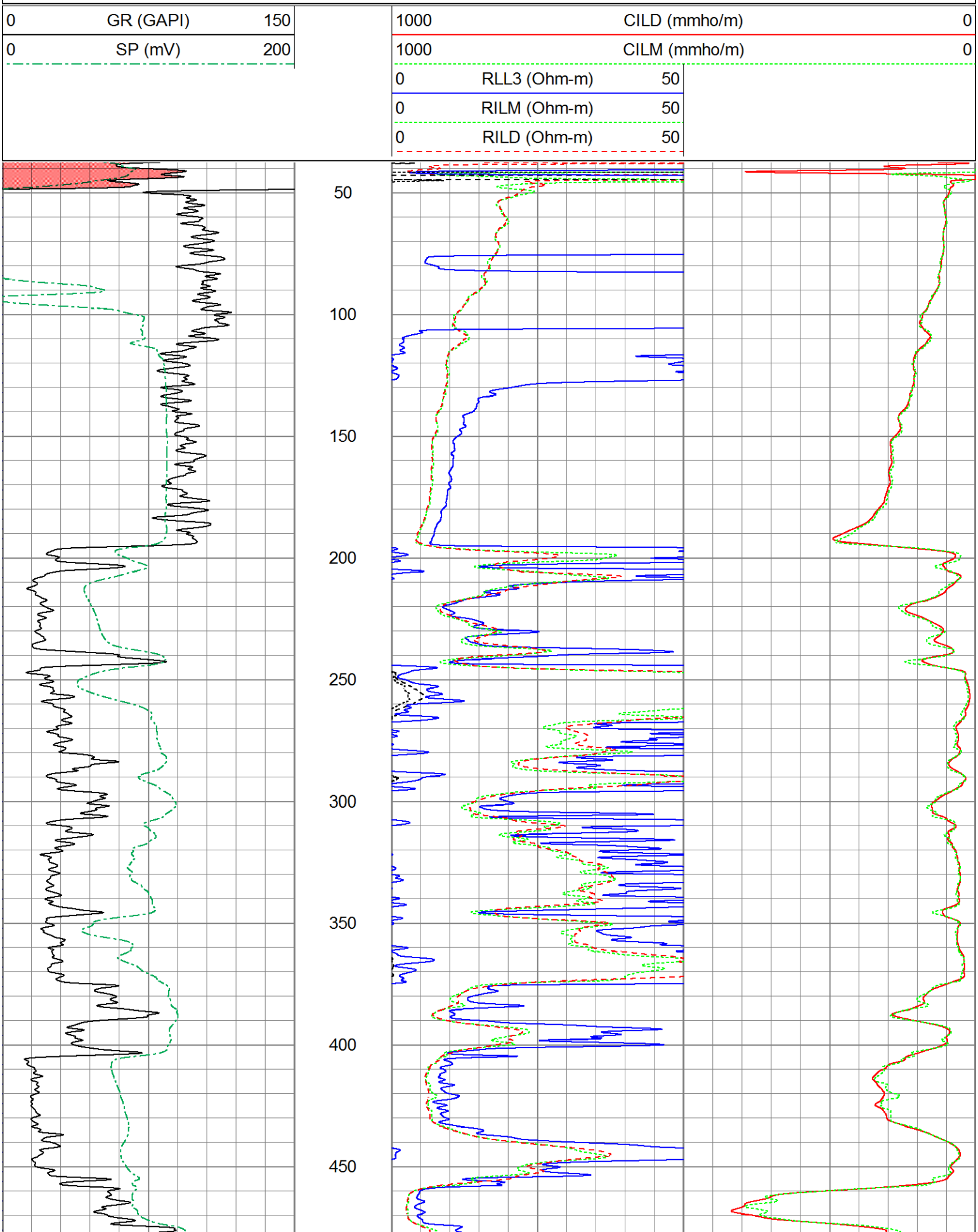
Comments

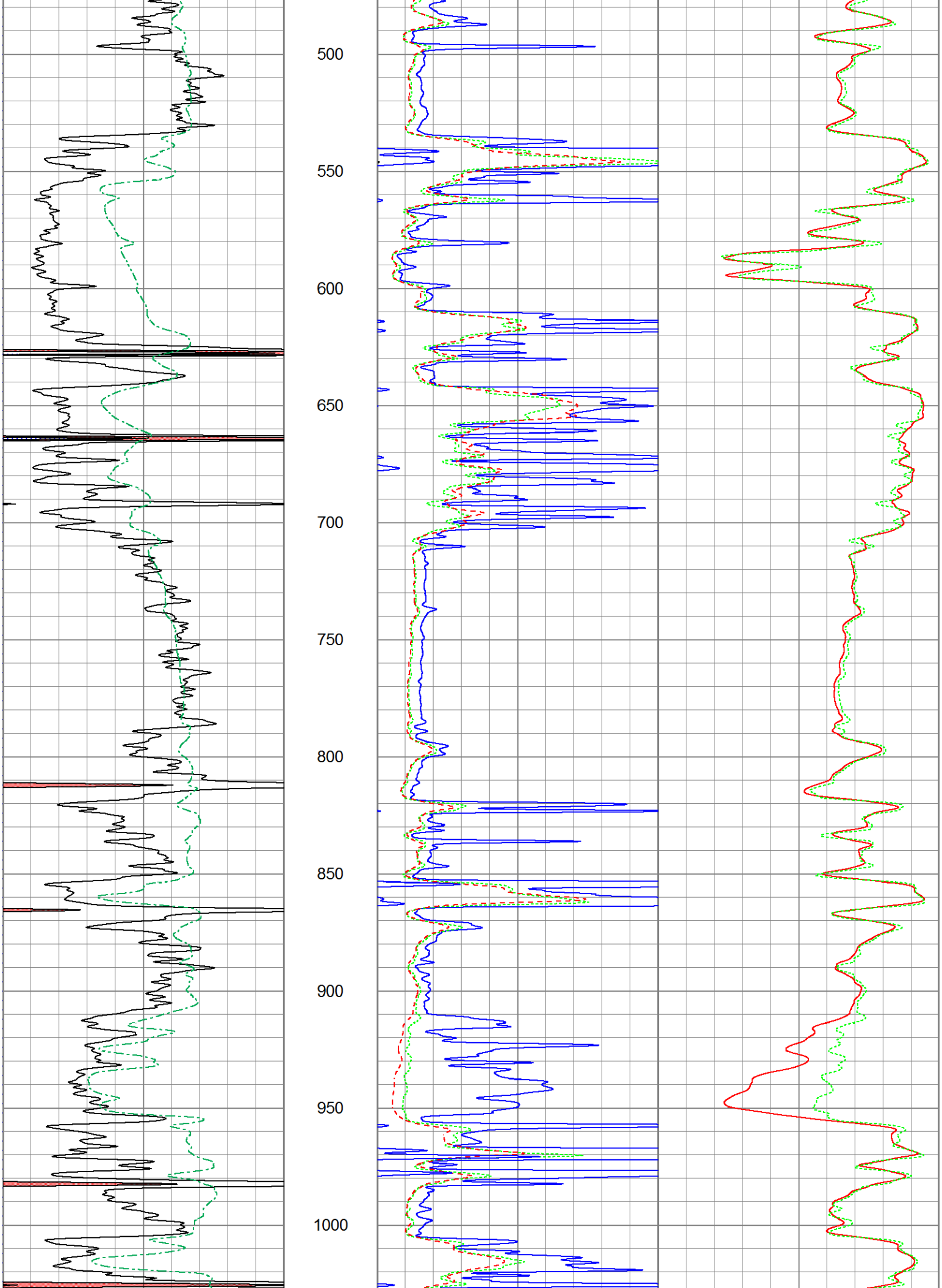
OW2-8837

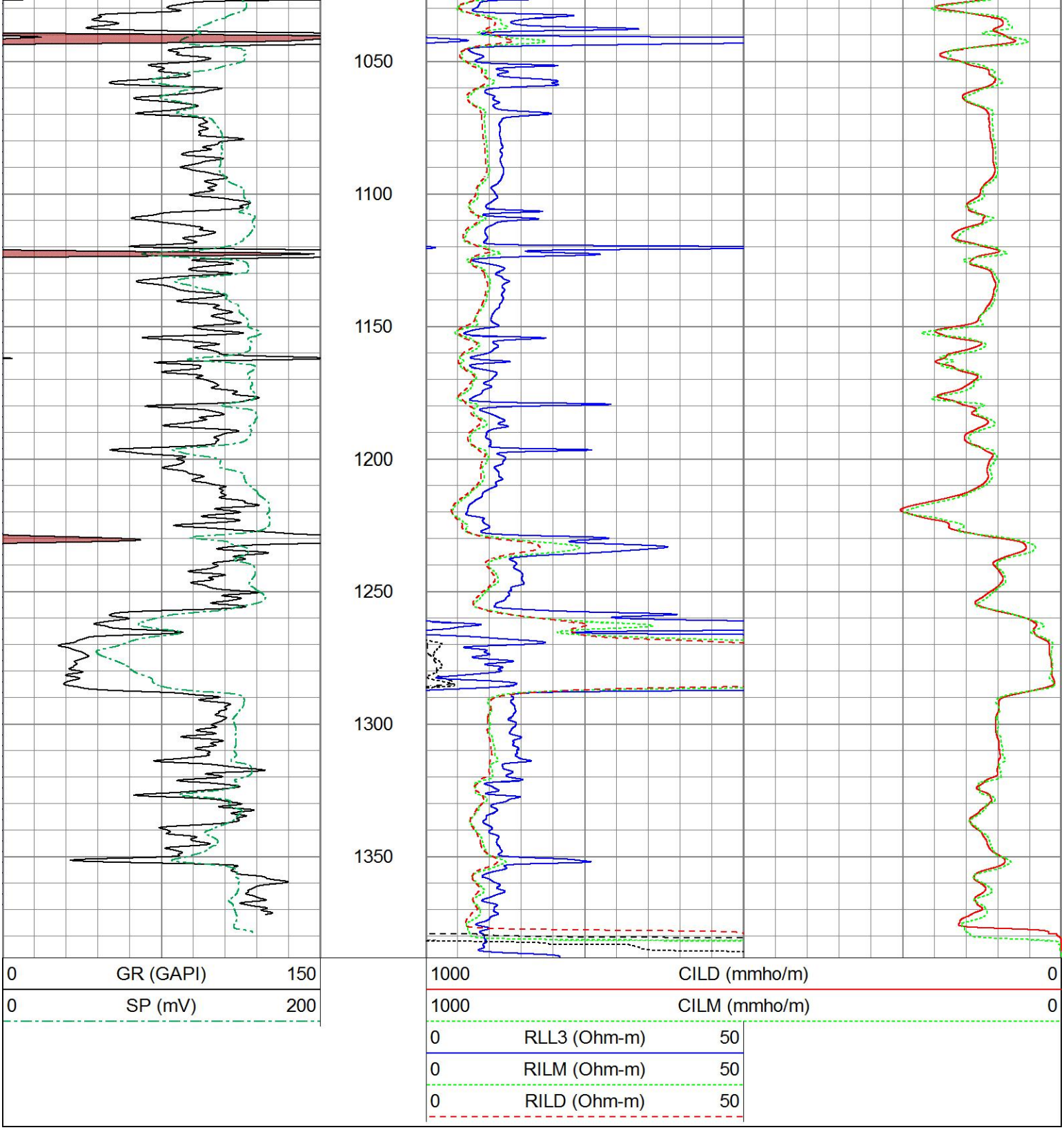
CREW : MARSHALL, LUNN

2" DIL SECTION

Database File	ow2-8837 colt energy.db
Dataset Pathname	DIL/pass1.5
Presentation Format	dil2mdcol
Dataset Creation	Wed Jun 17 17:06:51 2015
Charted by	Depth in Feet scaled 1:600



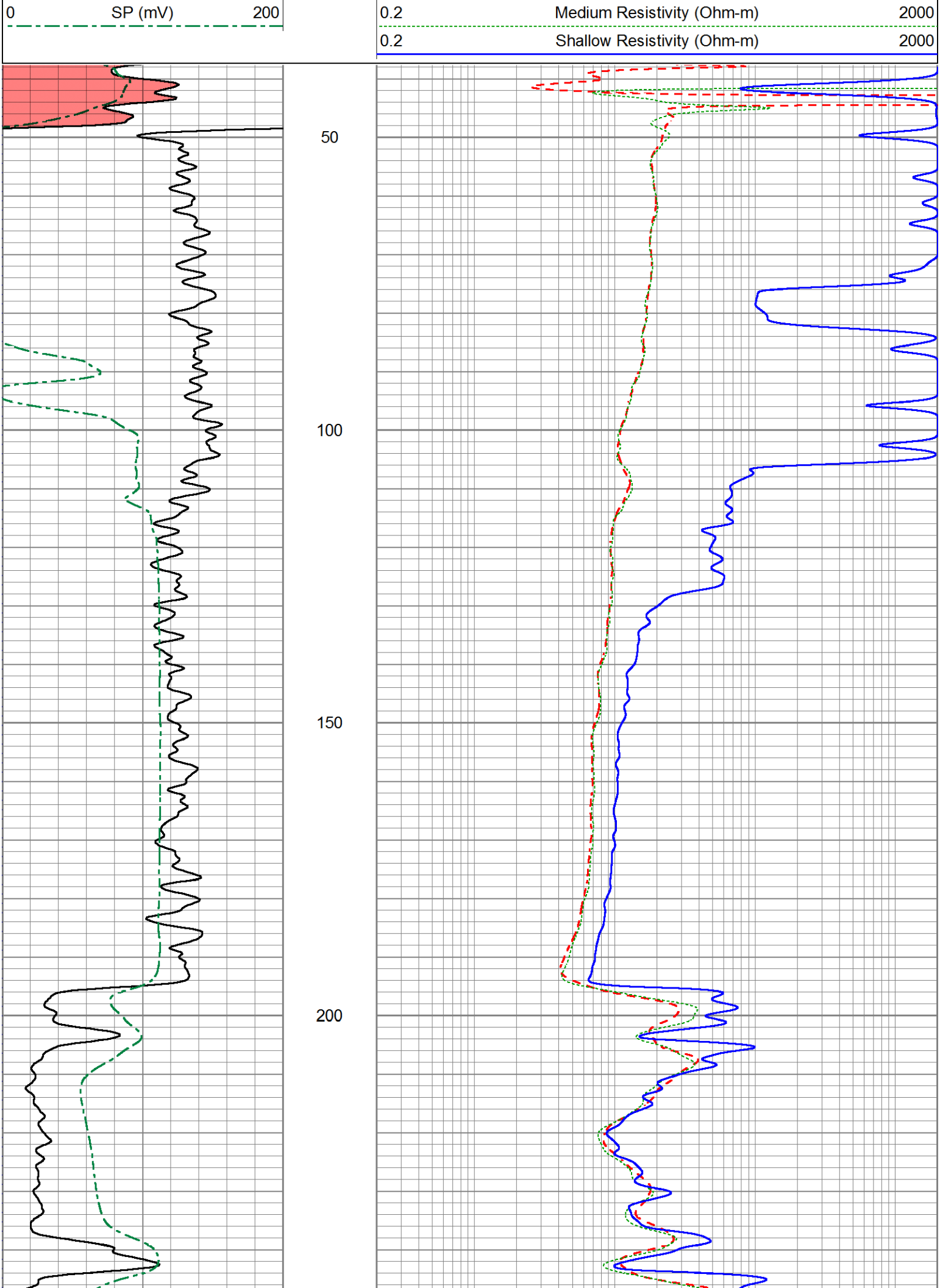

500
550
600
650
700
750
800
850
900
950
1000

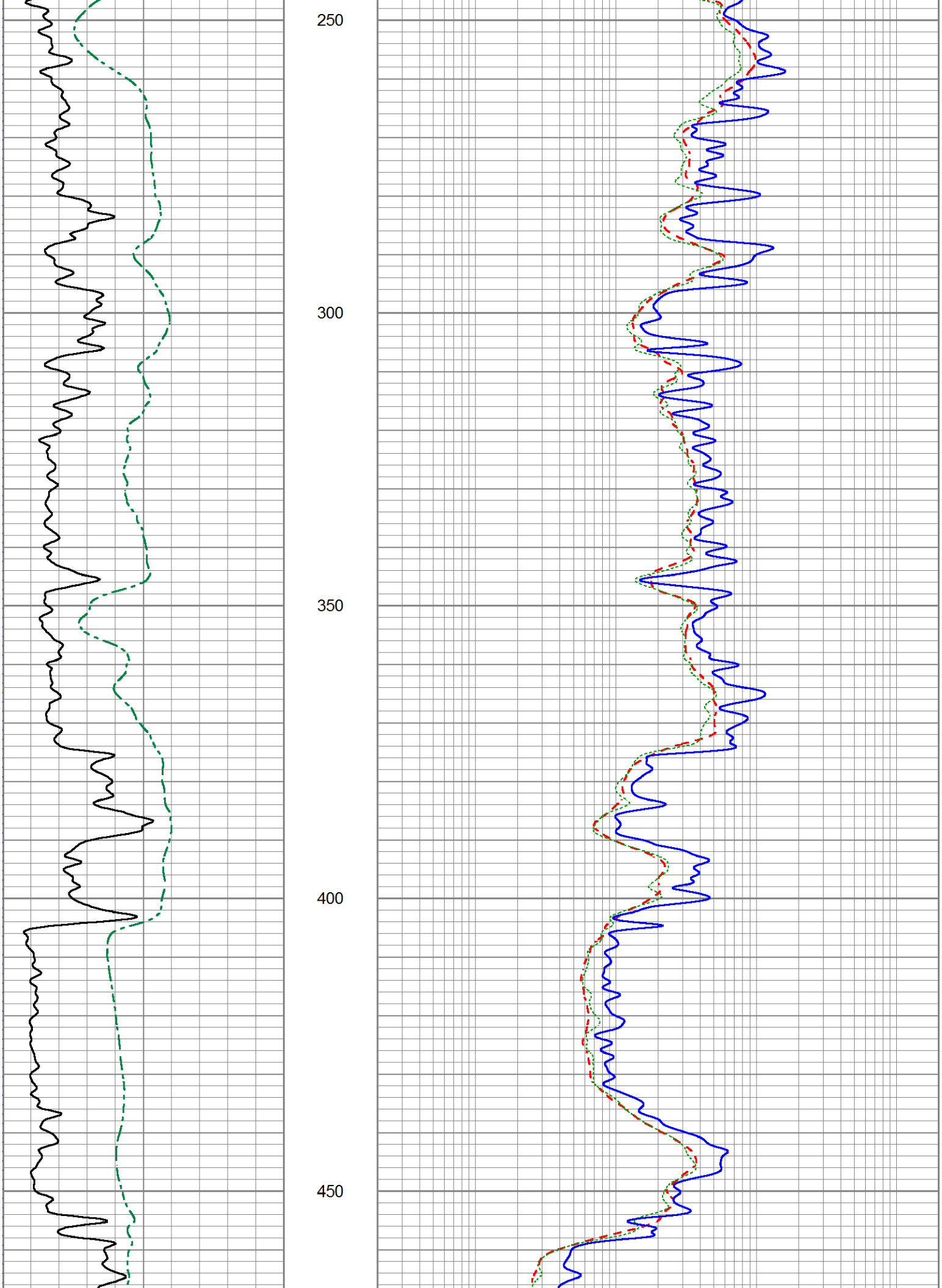


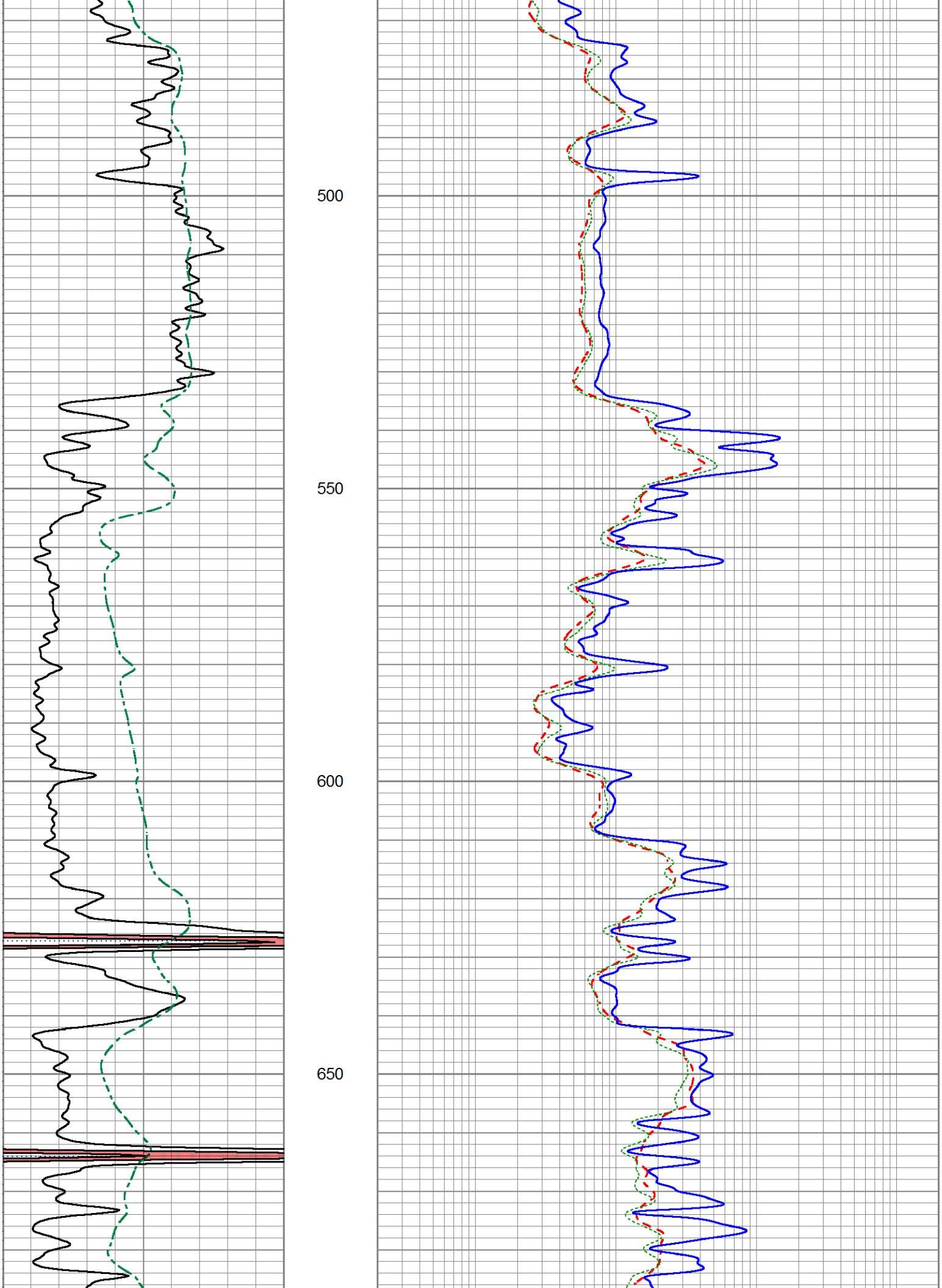
5" DIL SECTION

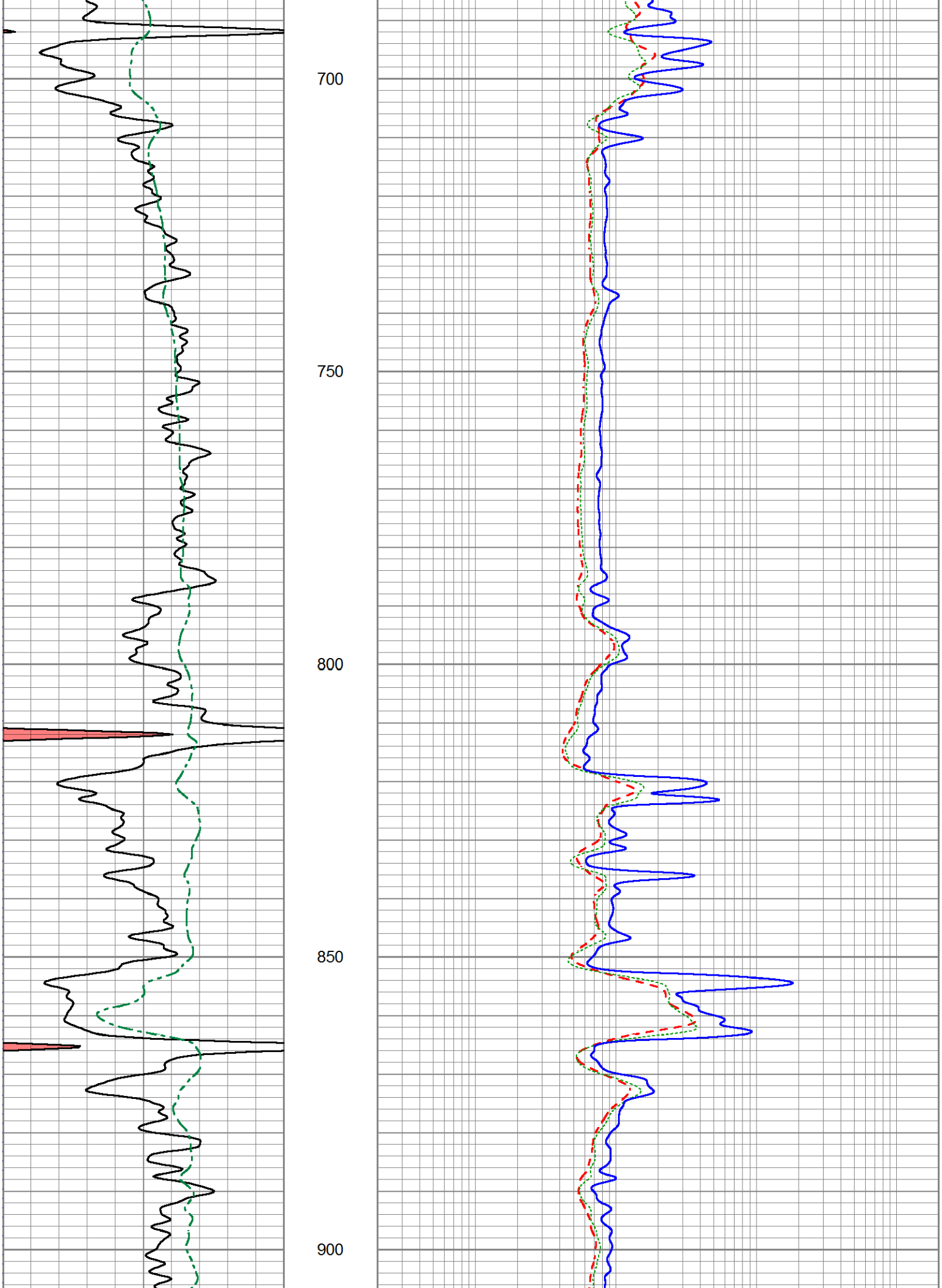
Database File	ow2-8837 colt energy.db
Dataset Pathname	DIL/pass1.4
Presentation Format	dil5mdcol
Dataset Creation	Wed Jun 17 17:06:46 2015
Charted by	Depth in Feet scaled 1:240

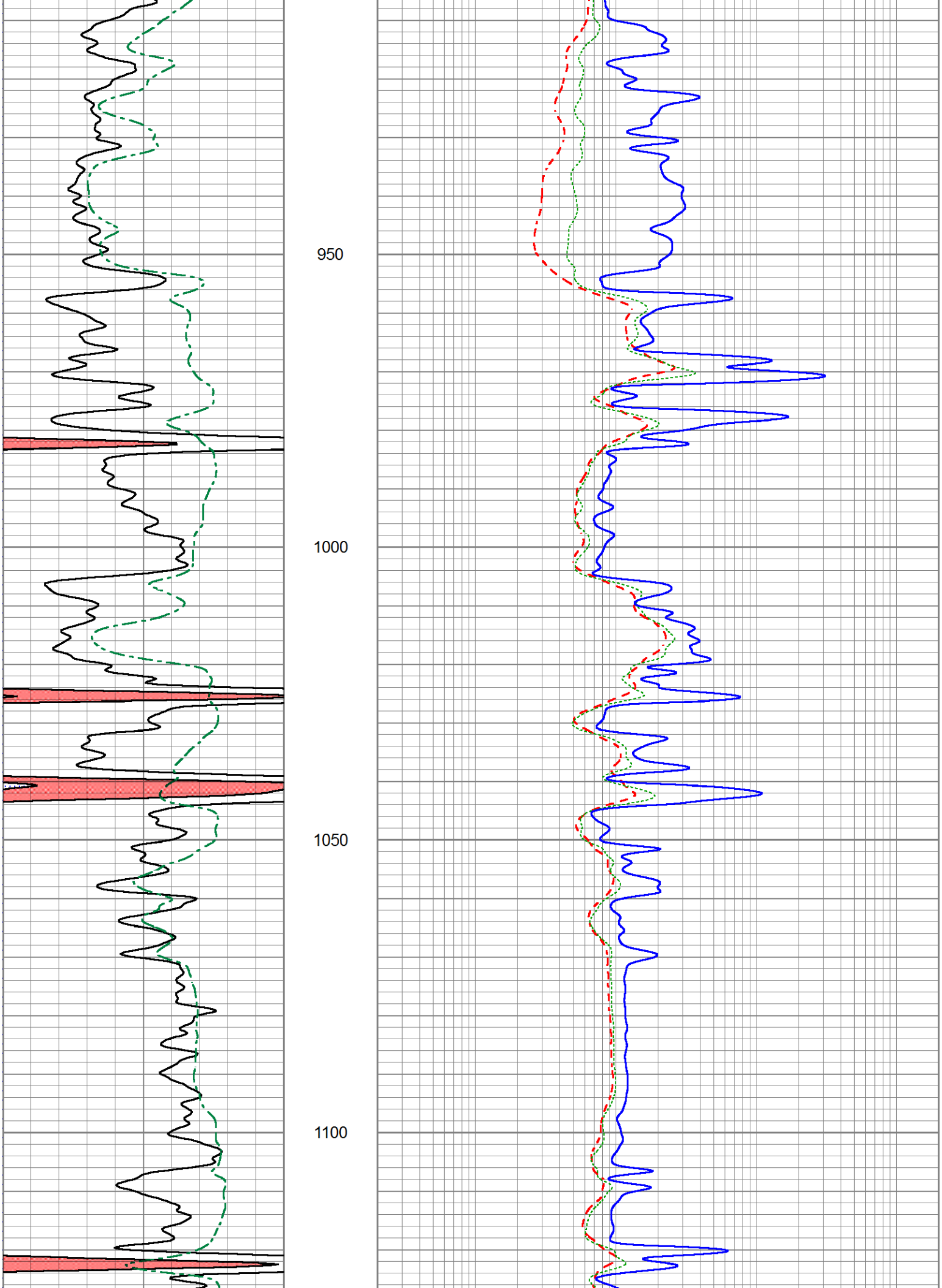
0	Gamma Ray (GAPI)	150	0.2	Deep Resistivity (Ohm-m)	2000

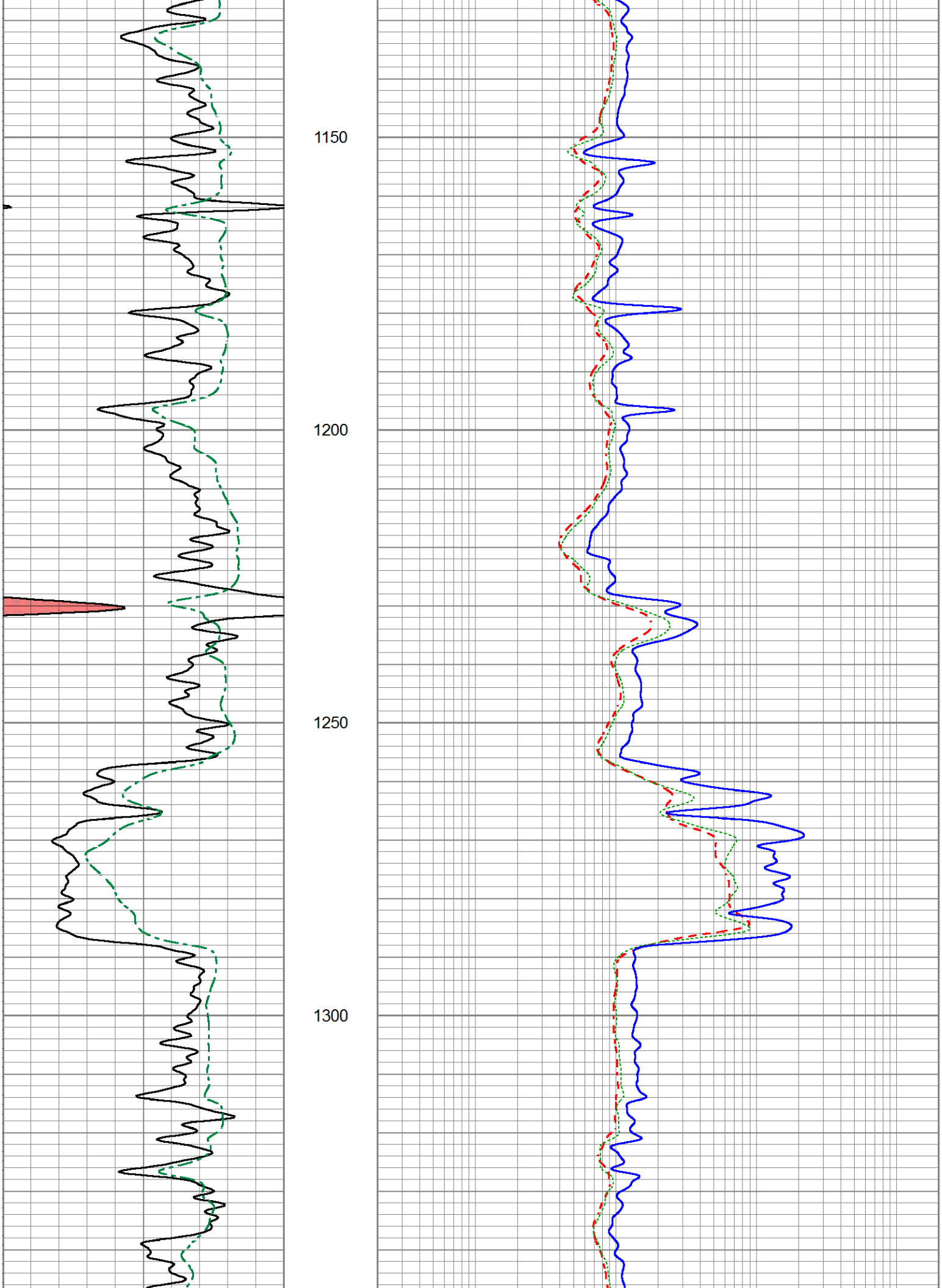

0
SP (mV)
200
0.2
Medium Resistivity (Ohm-m)
2000
0.2
Shallow Resistivity (Ohm-m)
2000
50
100
150
200

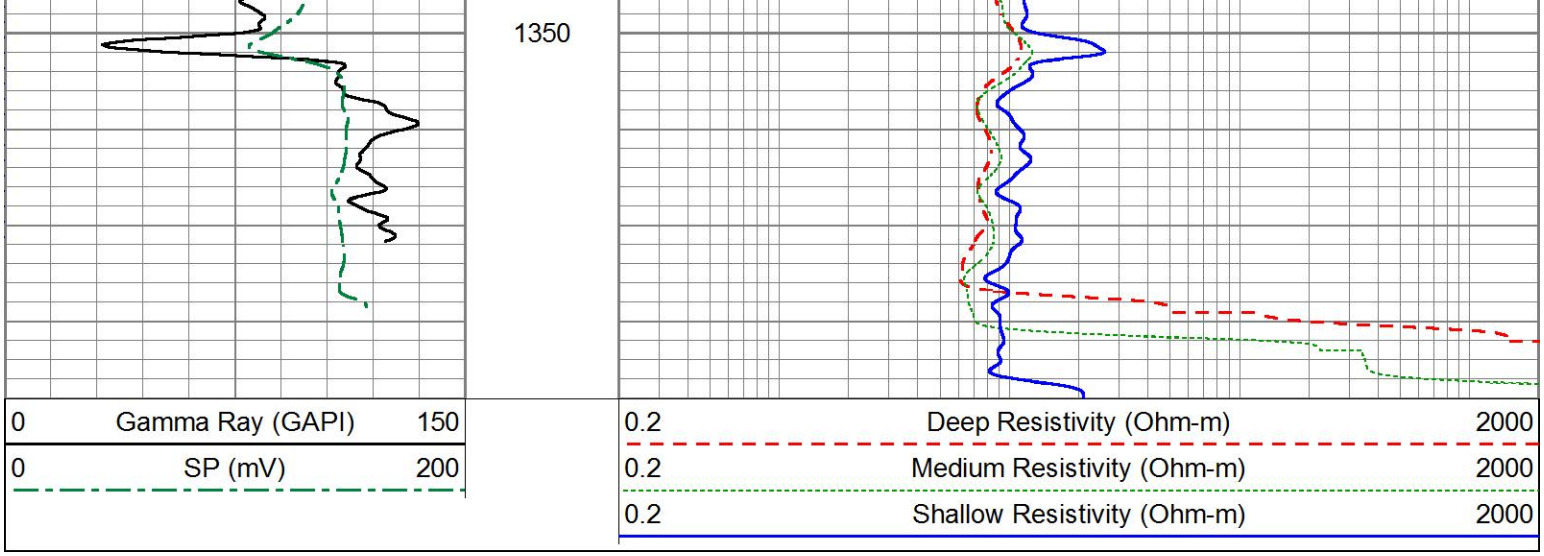

250
300
350
400
450


500
550
600
650


700
750
800
850
900


950
1000
1050
1100


1150
1200
1250
1300



Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			Cable-CableHead Isulation Sub	1.42	3.00	20.00
CILD SP	10.92 10.42		DIL-GEAR (158) Dual Induction Electrical Log	21.36	4.00	395.00
CILM	7.00					
RLL3	1.65					

Dataset: ow2-8837 colt energy.db: field/well/DIL/pass1
Total length: 22.78 ft
Total weight: 415.00 lb
O.D.: 4.00 in

HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company COLT ENERGY INC.
Well LAUBER # 34
Field BIG SANDY
County WOODSON
State KANSAS

Company COLT ENERGY INC.
Well LAUBER # 34
Field BIG SANDY
County WOODSON **State** KANSAS

Location: API # : 15-207-29245-0000
NW NW NW NE
291' FNL & 2496' FEL
SEC 23 TWP 26S RGE 14E

Other Services
DIL

Permanent Datum	GL	Elevation	935'
Log Measured From	GL		
Drilling Measured From	GL		

Elevation
K.B. ---
D.F. ---
G.L. 935'

Date	6-17-2015		
Run Number	ONE		
Depth Driller	1392'		
Depth Logger	1389'		
Bottom Logged Interval	1387'		
Top Log Interval	SURFACE		
Casing Driller	8.625" @ 40.50'		
Casing Logger	8.625" @ 40.50'		
Bit Size	6.75"		
Type Fluid in Hole	WATER		
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	LOWERY		
Witnessed By	MR. ASHLOCK		

<< Fold Here >>>

Comments

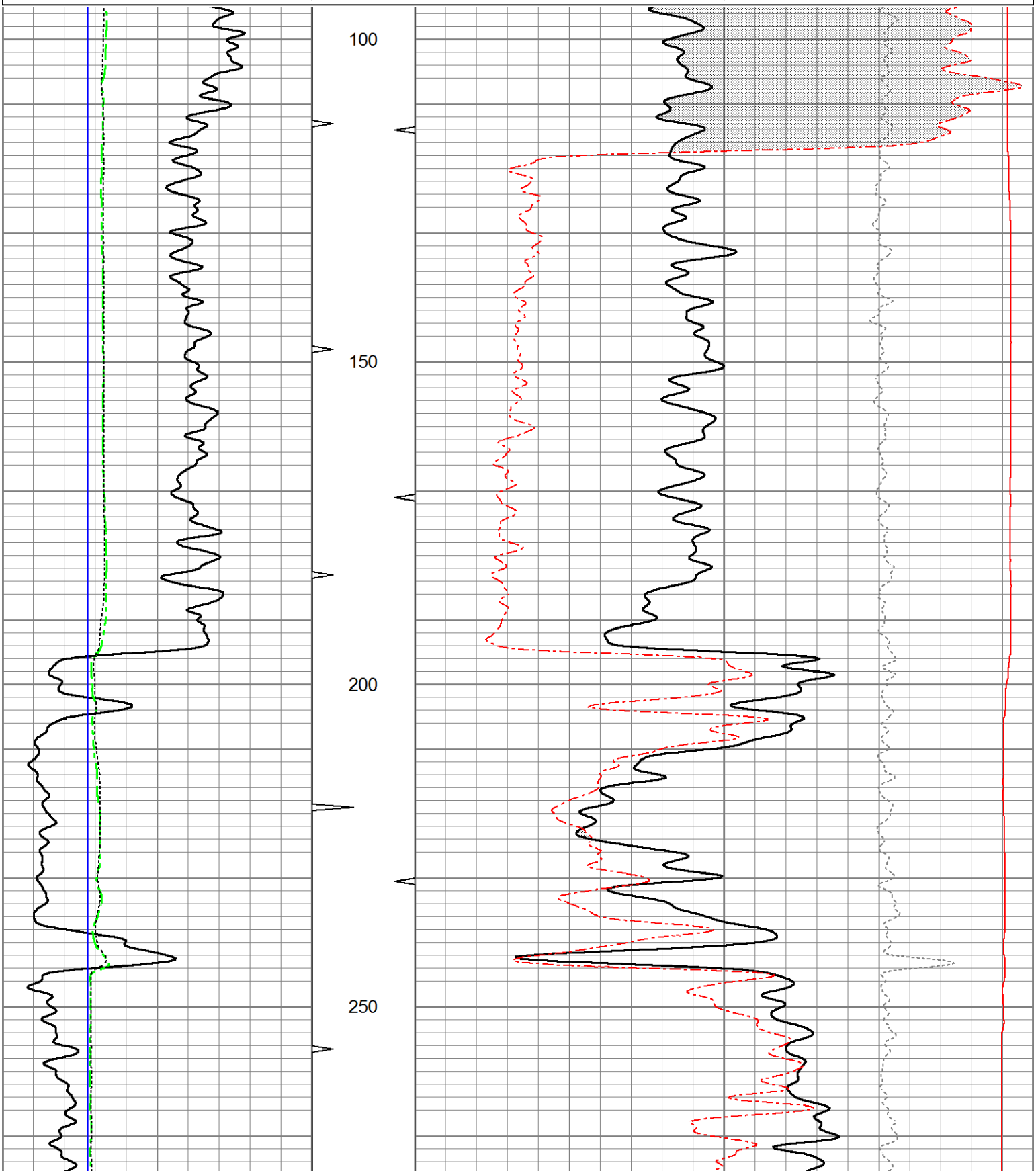
OW2-8837
MATRIX LIMESTON 2.71 G/CC
ABHV COMPUTED WITH 4 1/2 CASING

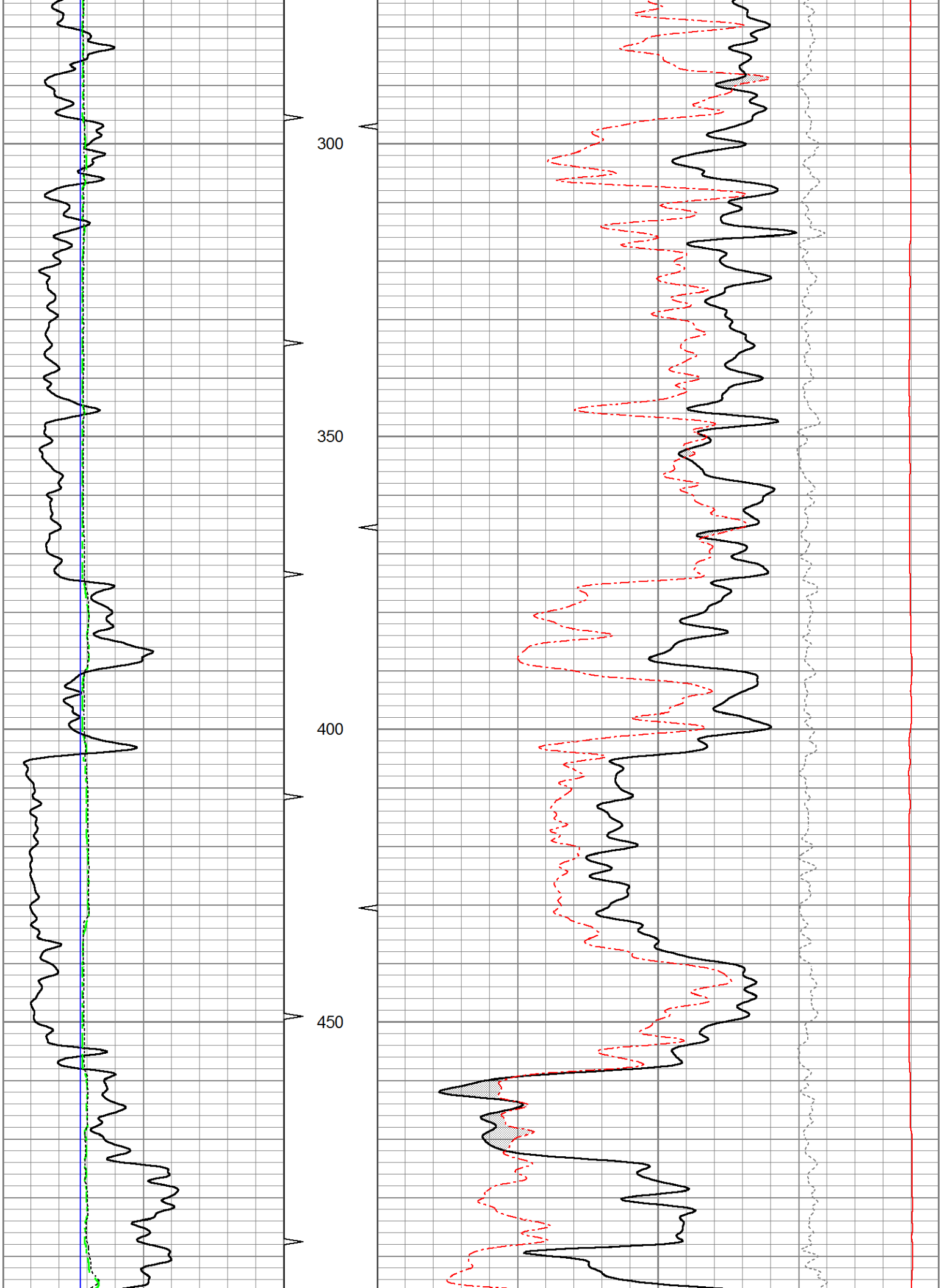
CREW : MARSHALL, LUNN

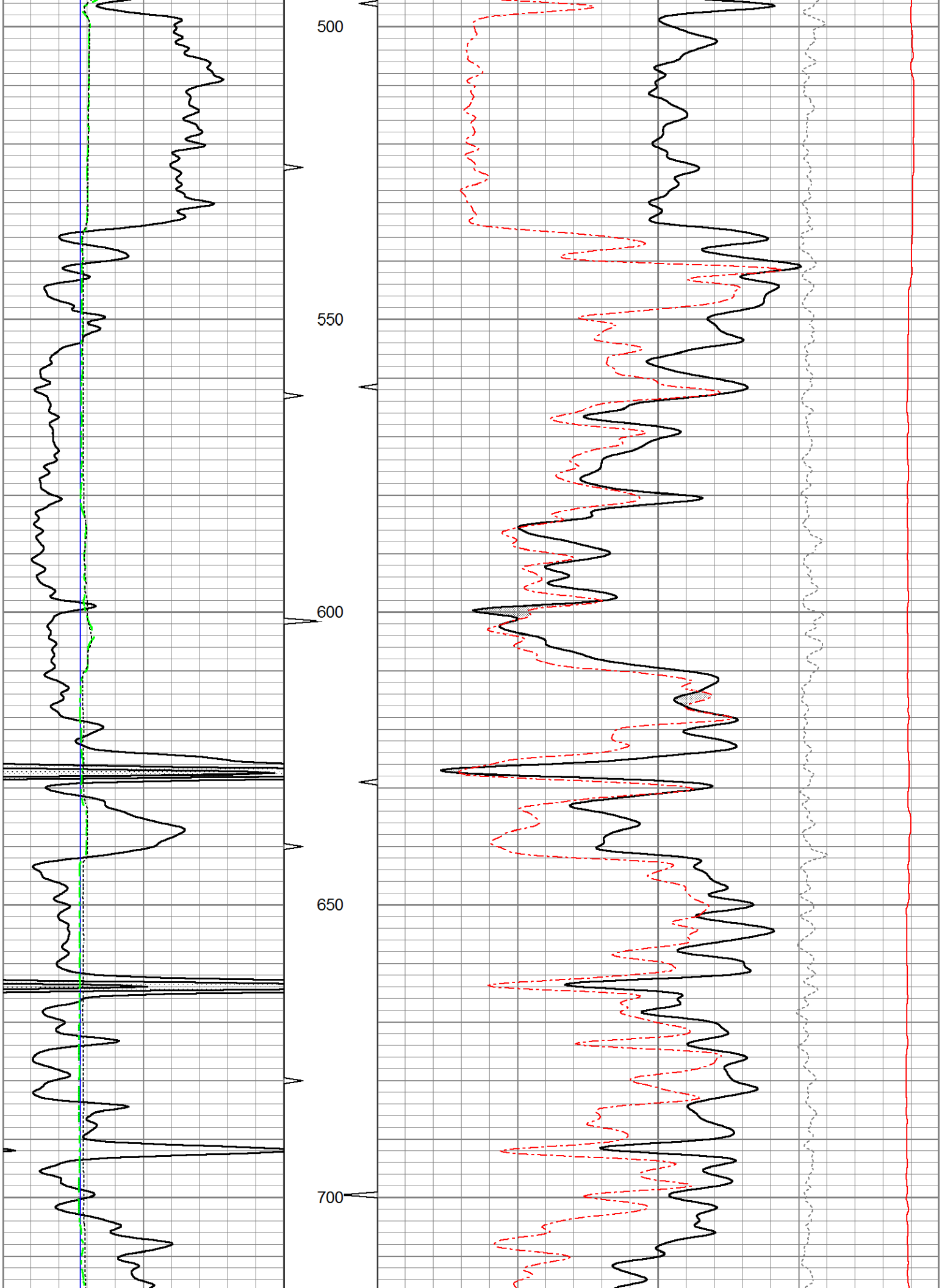
5" CDL/SWN SECTION

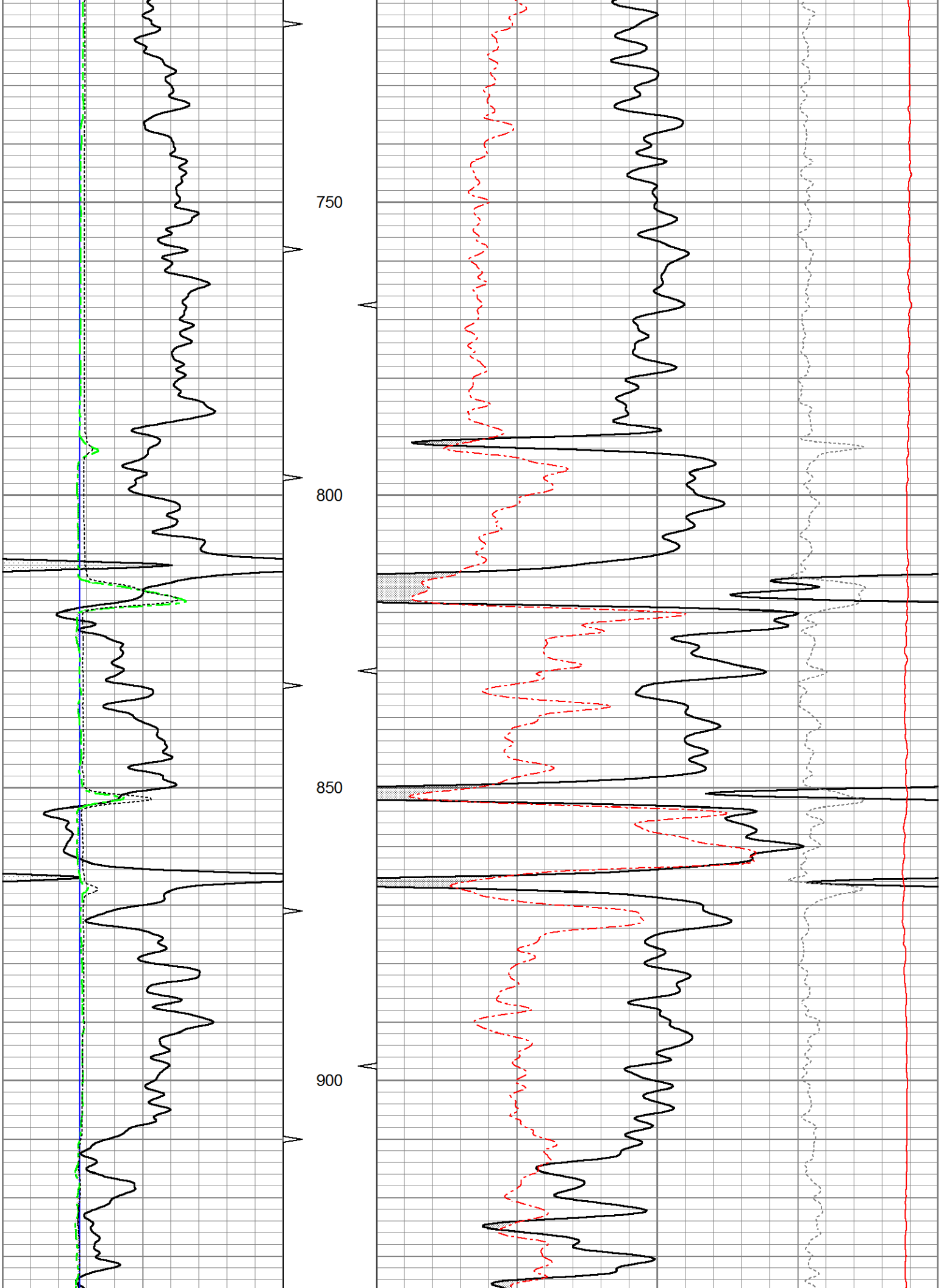
Database File	ow2-8837 colt energy.db
Dataset Pathname	CDL/pass2.4
Presentation Format	_neu4
Dataset Creation	Wed Jun 17 16:41:16 2015
Charted by	Depth in Feet scaled 1:240

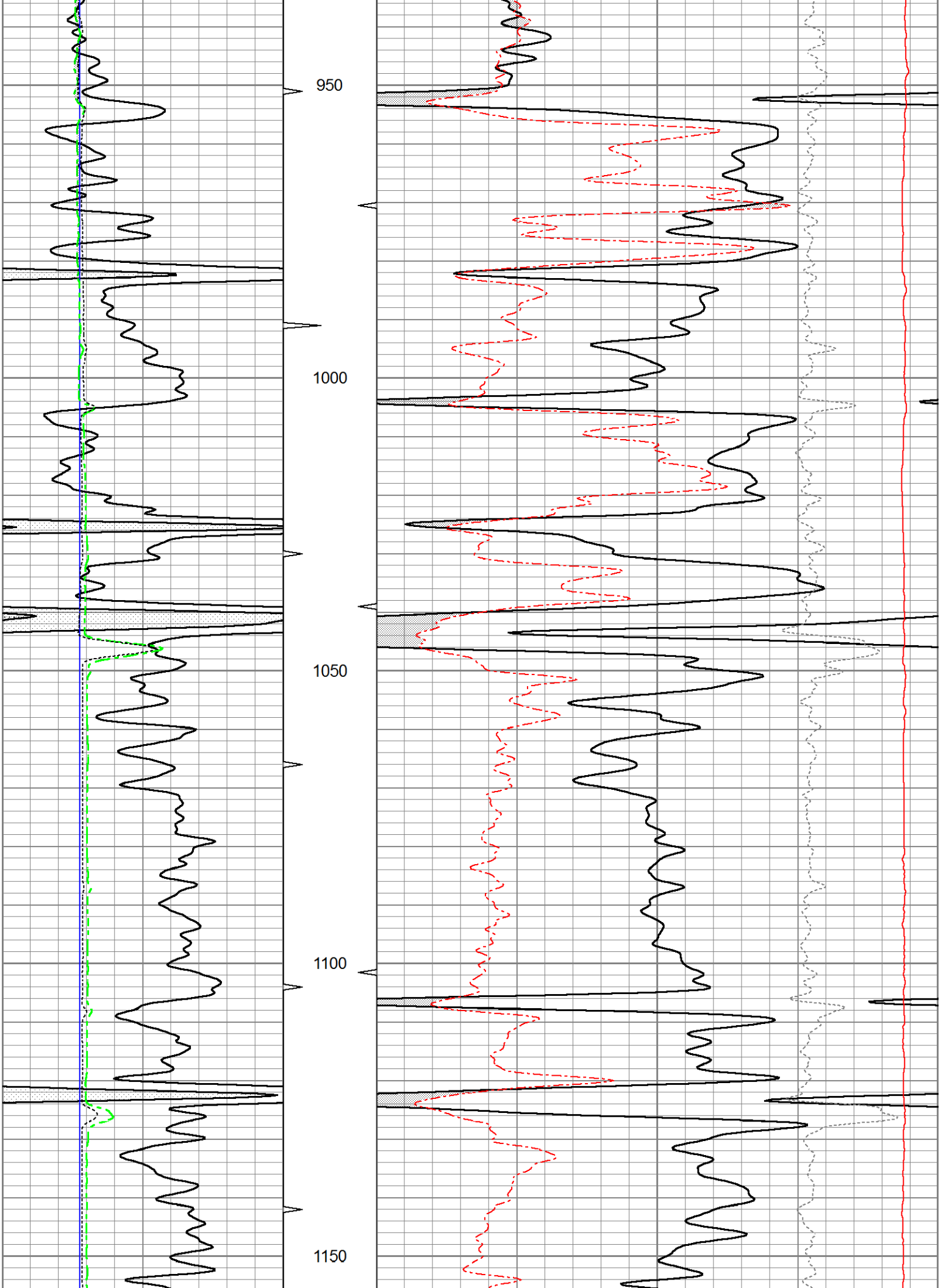
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)		-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)		-10
4	Neutron Caliper (in)	14				-0.5 Correction (g/cc)	0.5
4	Density Caliper (in)	14				5000 Line Tension (lb)	0

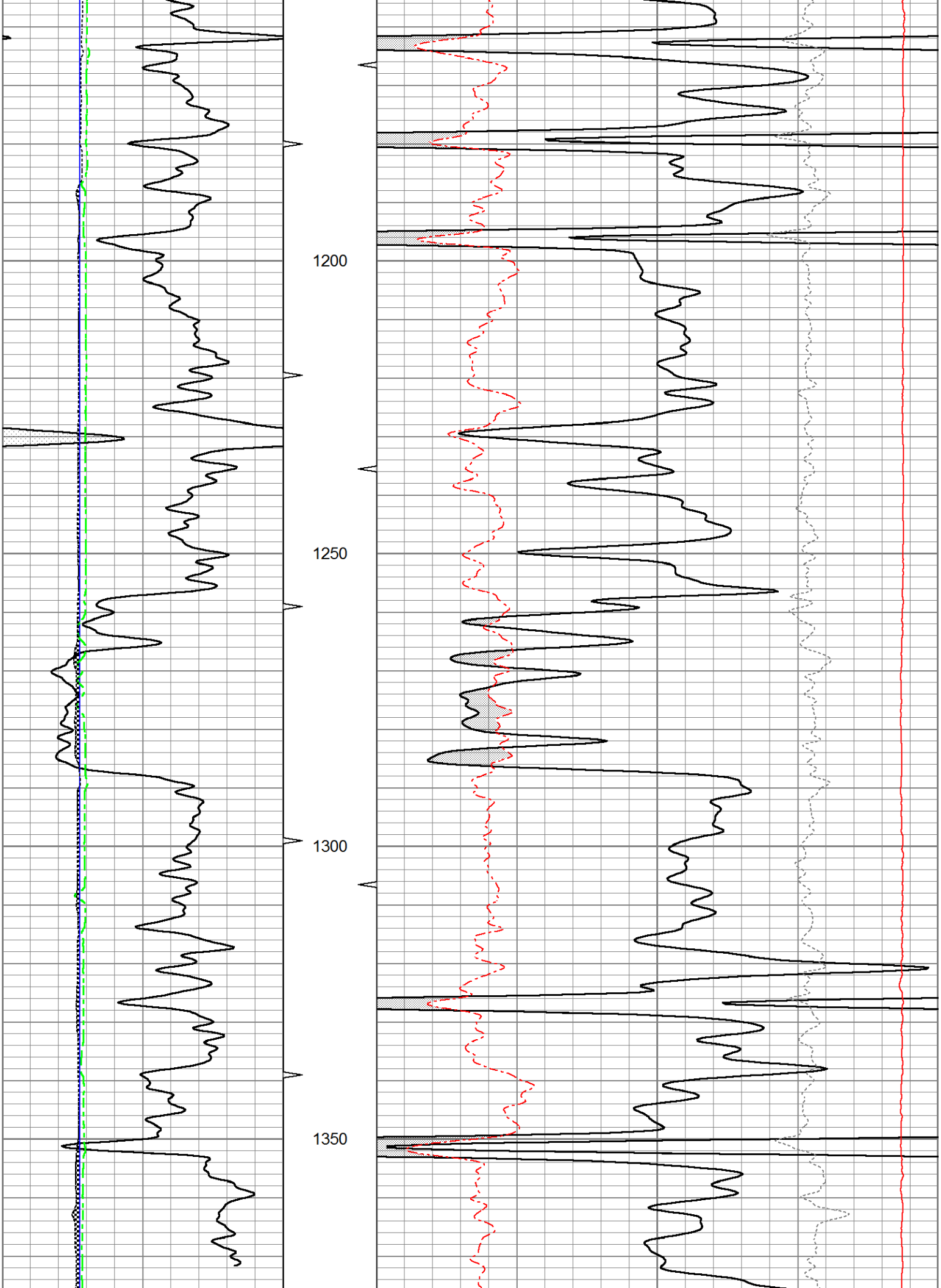


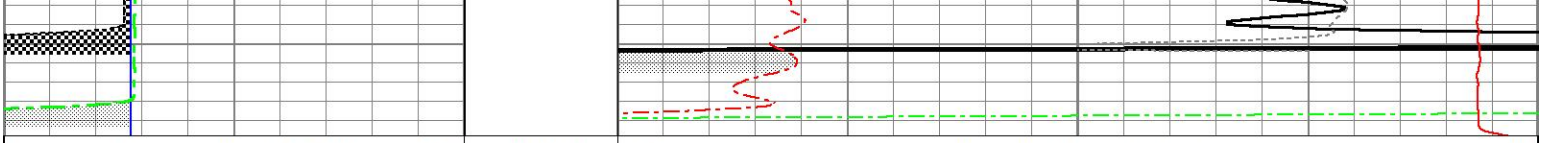

300
350
400
450


500
550
600
650
700


750
800
850
900


950
1000
1050
1100
1150


1200
1250
1300
1350

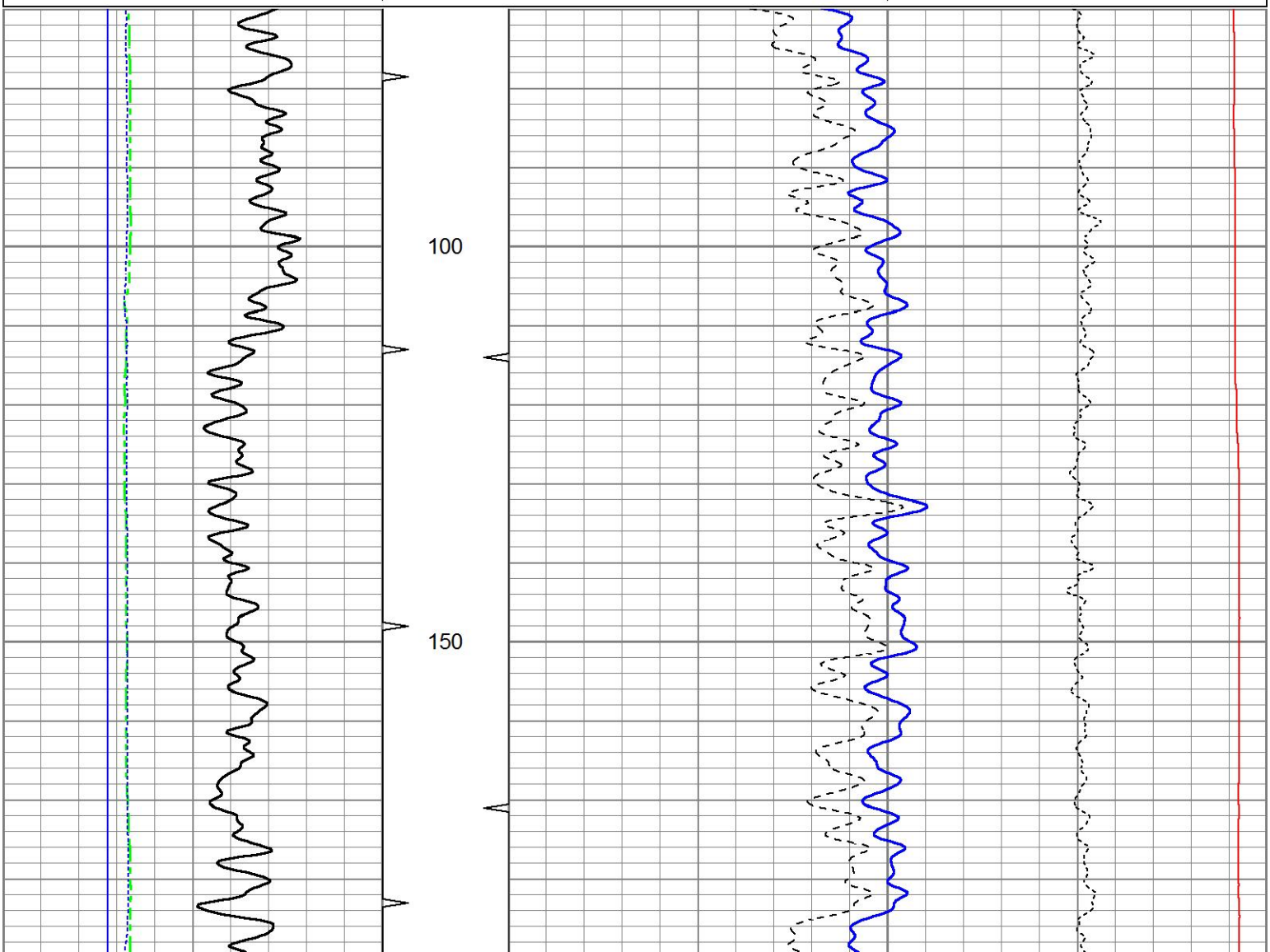


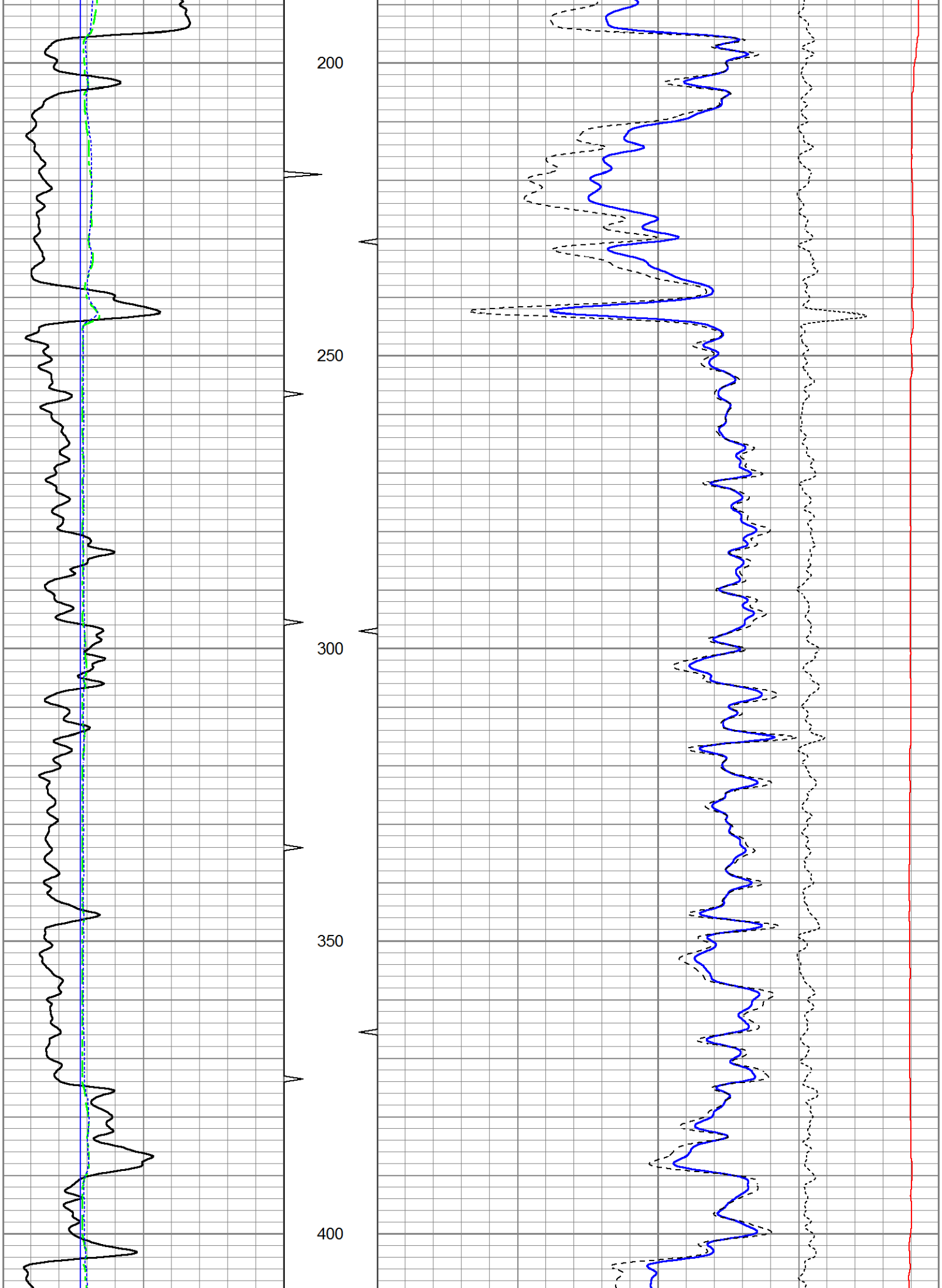
0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)		-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)		-10
4	Neutron Caliper (in)	14				-0.5 Correction (g/cc)	0.5
4	Density Caliper (in)	14				5000 Line Tension (lb)	0

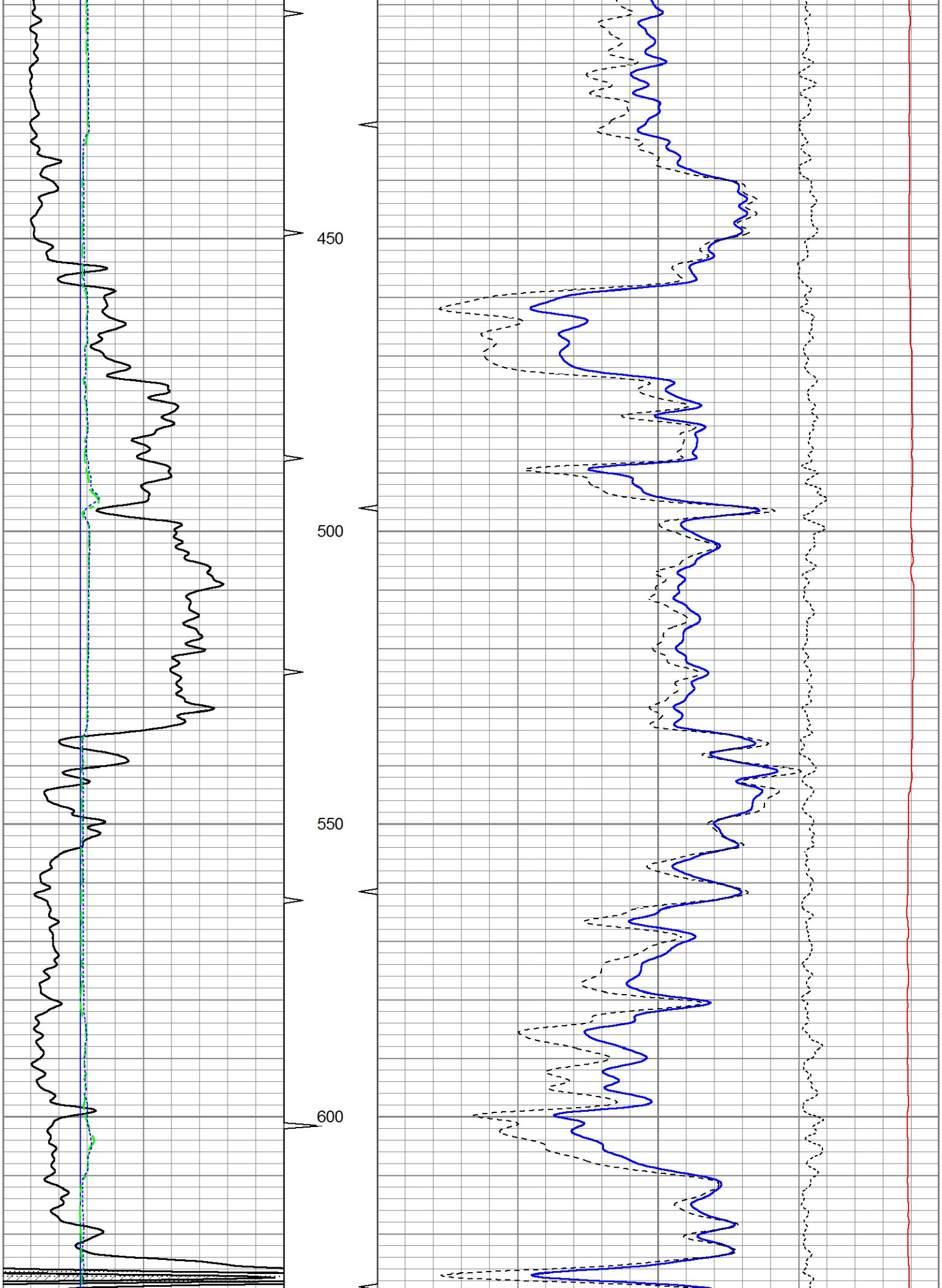
5" CDL SECTION

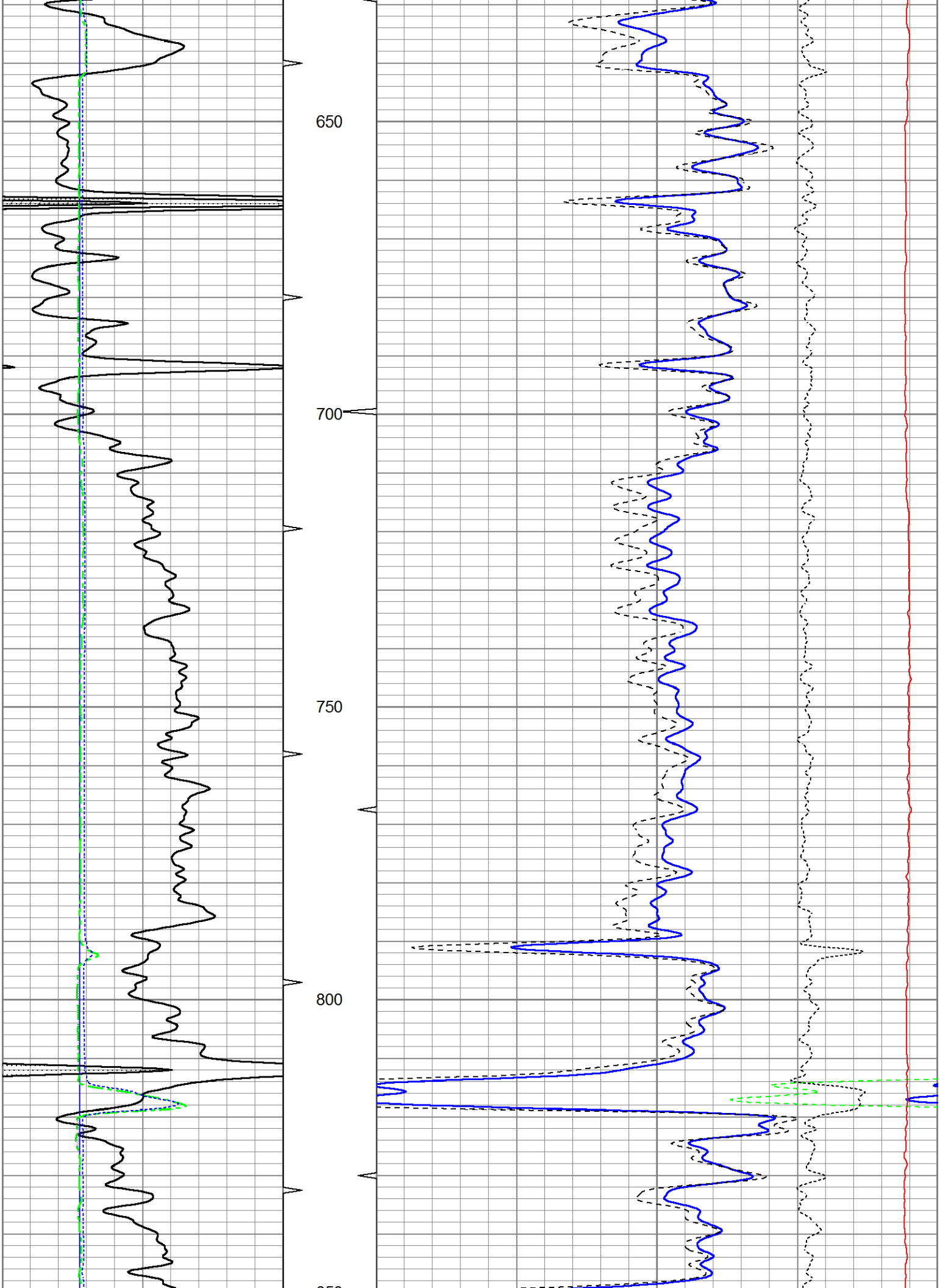
Database File	ow2-8837 colt energy.db
Dataset Pathname	CDL/pass2.3
Presentation Format	bulk4
Dataset Creation	Wed Jun 17 16:41:11 2015
Charted by	Depth in Feet scaled 1:240

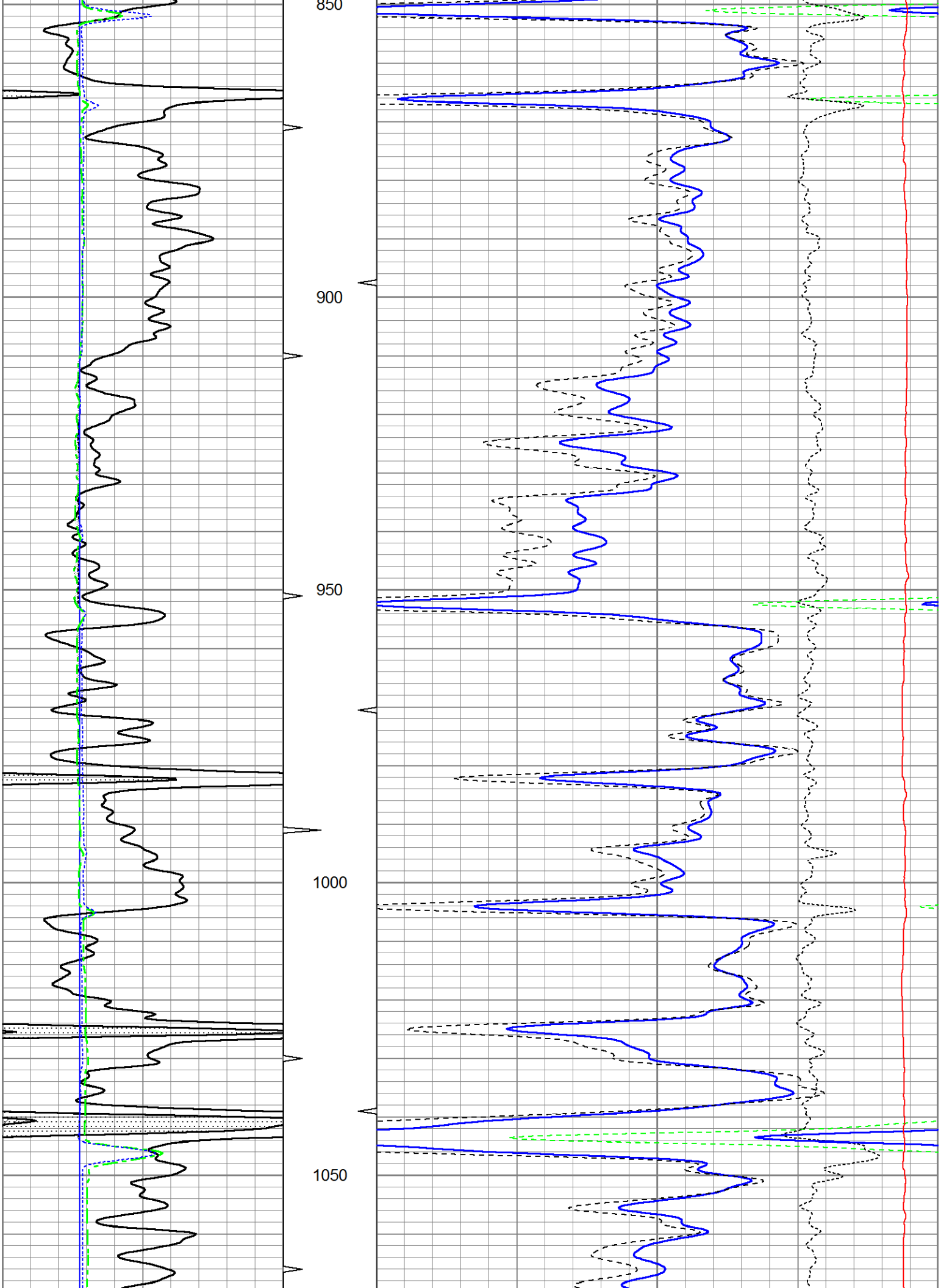
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)		3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)		-10
4	Neutron Caliper (in)	14				-0.5 Correction (g/cc)	0.5
4	Density Caliper (in)	14				5000 Line Tension (lb)	0

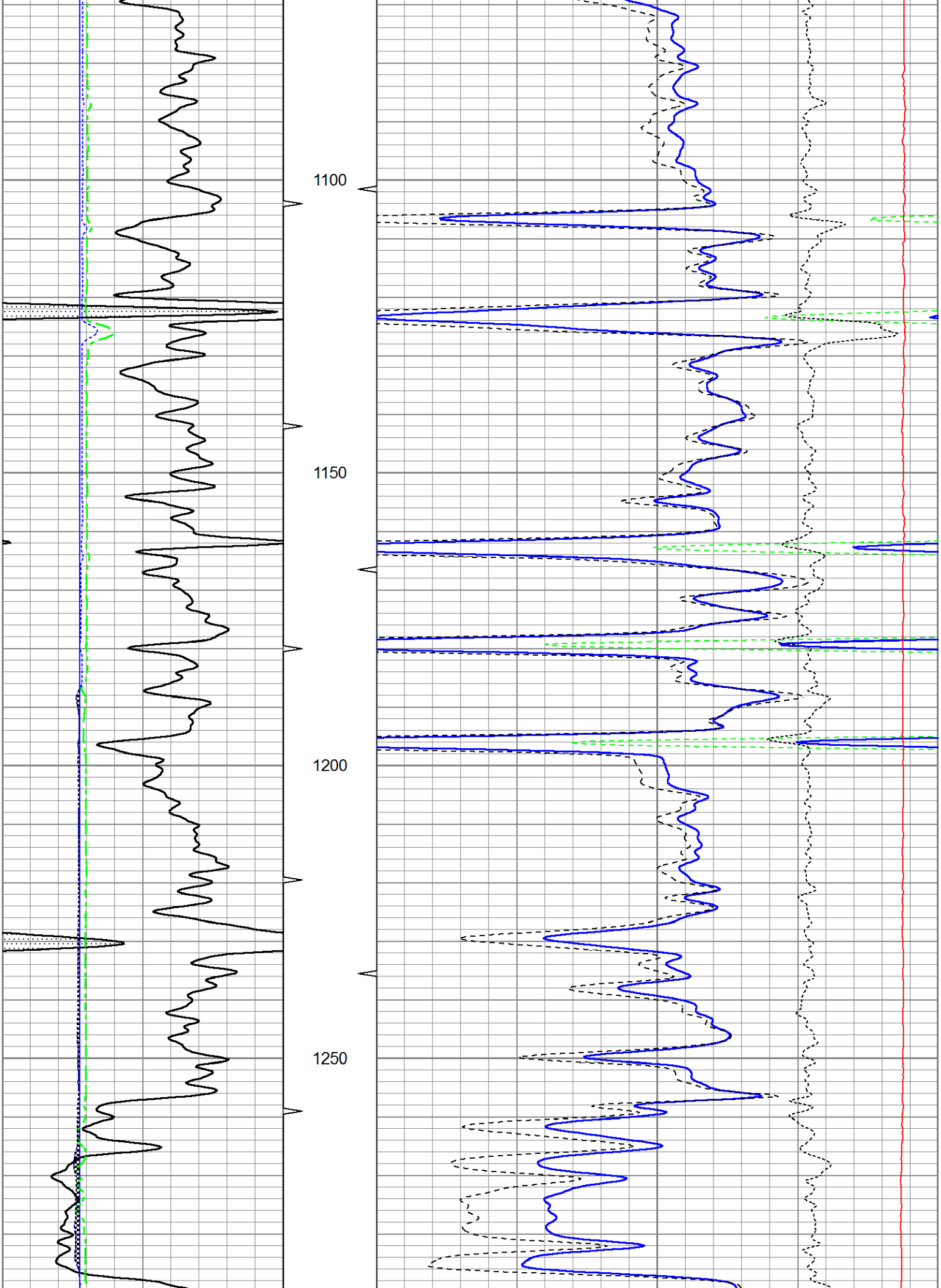


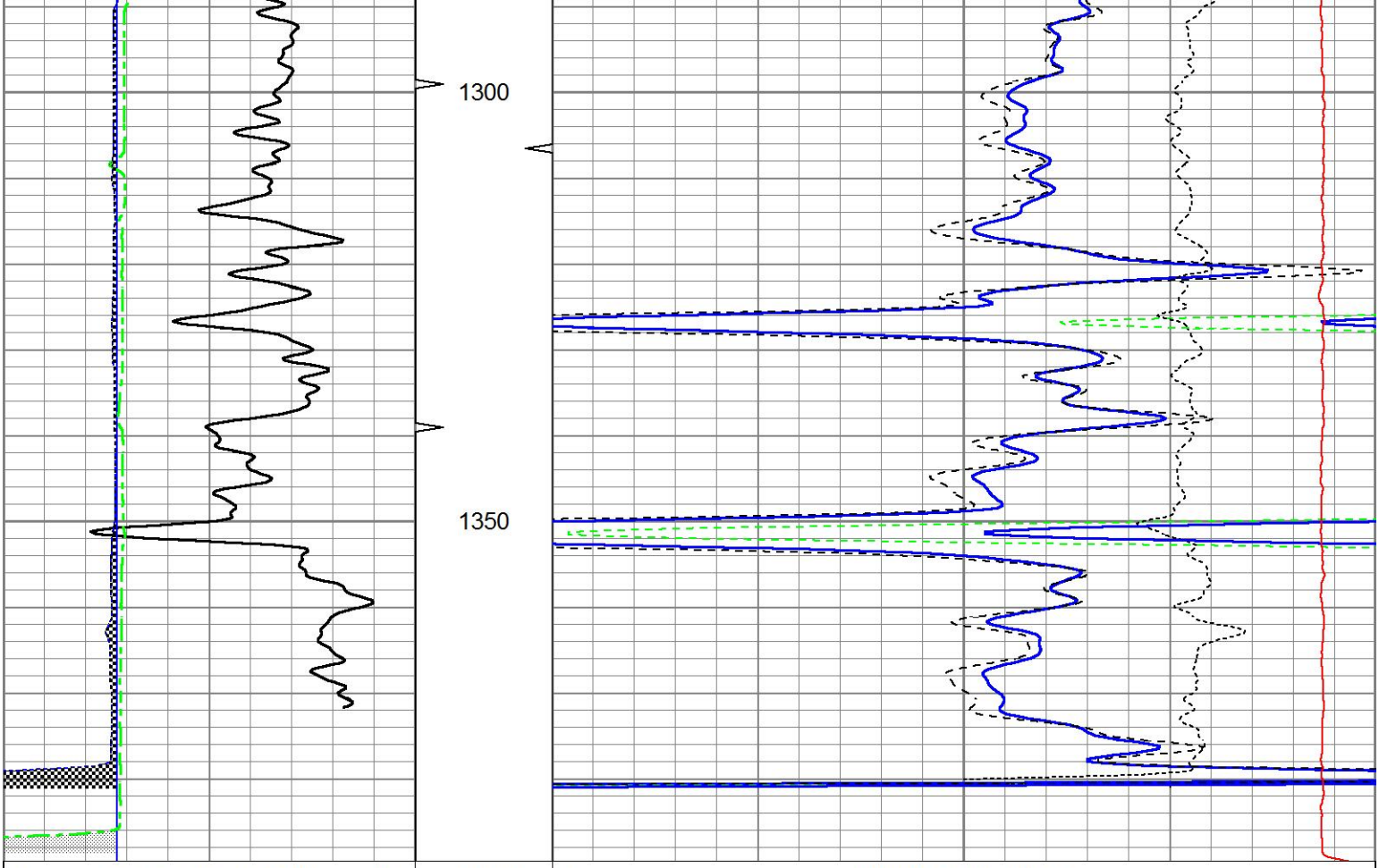

200
250
300
350
400


450
500
550
600


650
700
750
800


850
900
950
1000
1050


1100
1150
1200
1250

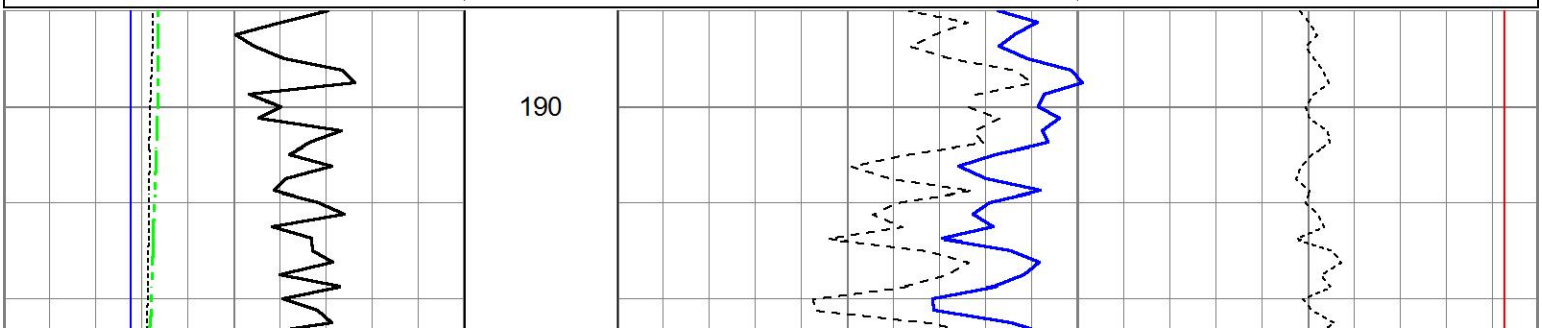


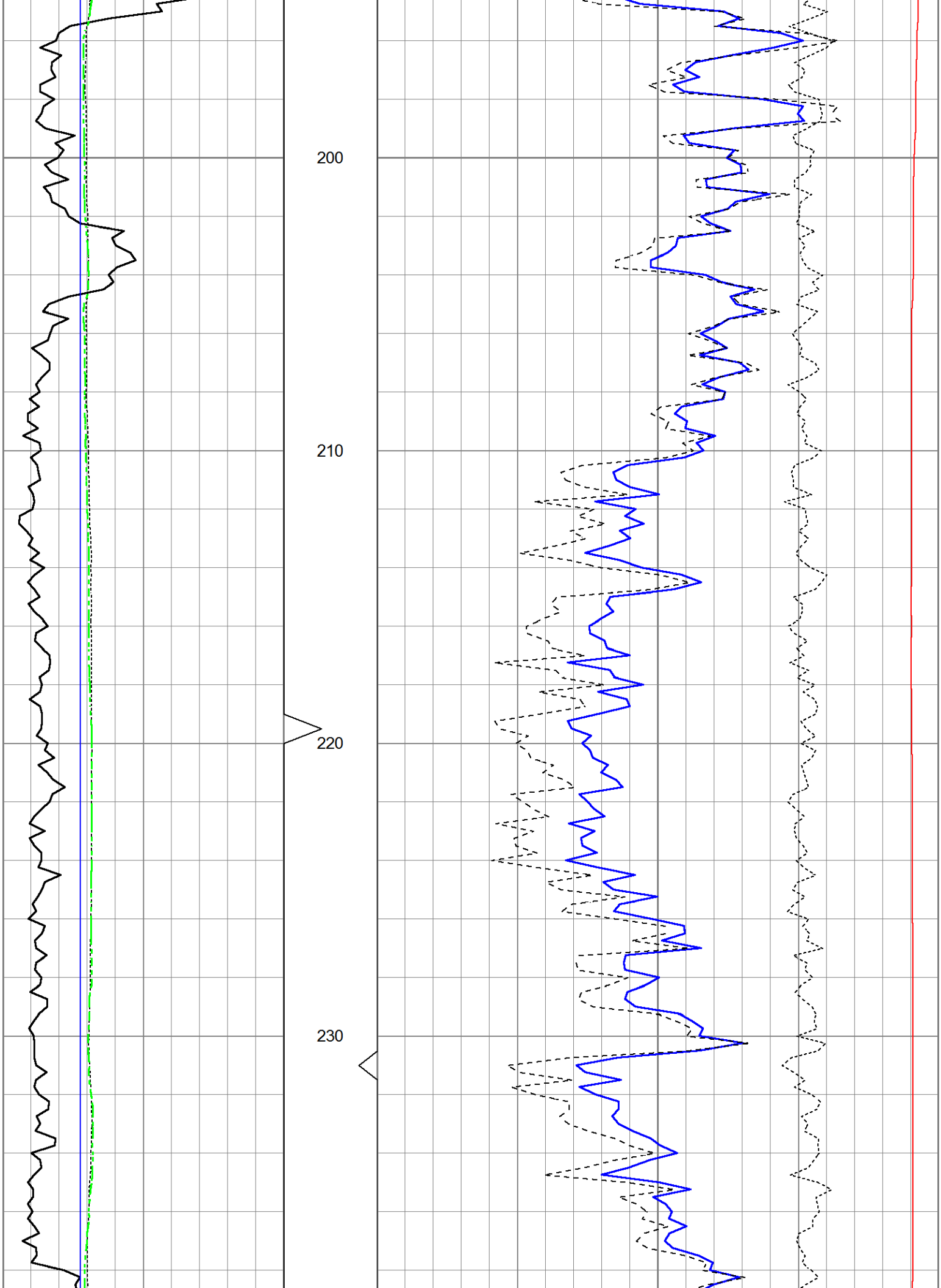
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)		3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)		-10
4	Neutron Caliper (in)	14				-0.5 Correction (g/cc)	0.5
4	Density Caliper (in)	14				5000 Line Tension (lb)	0

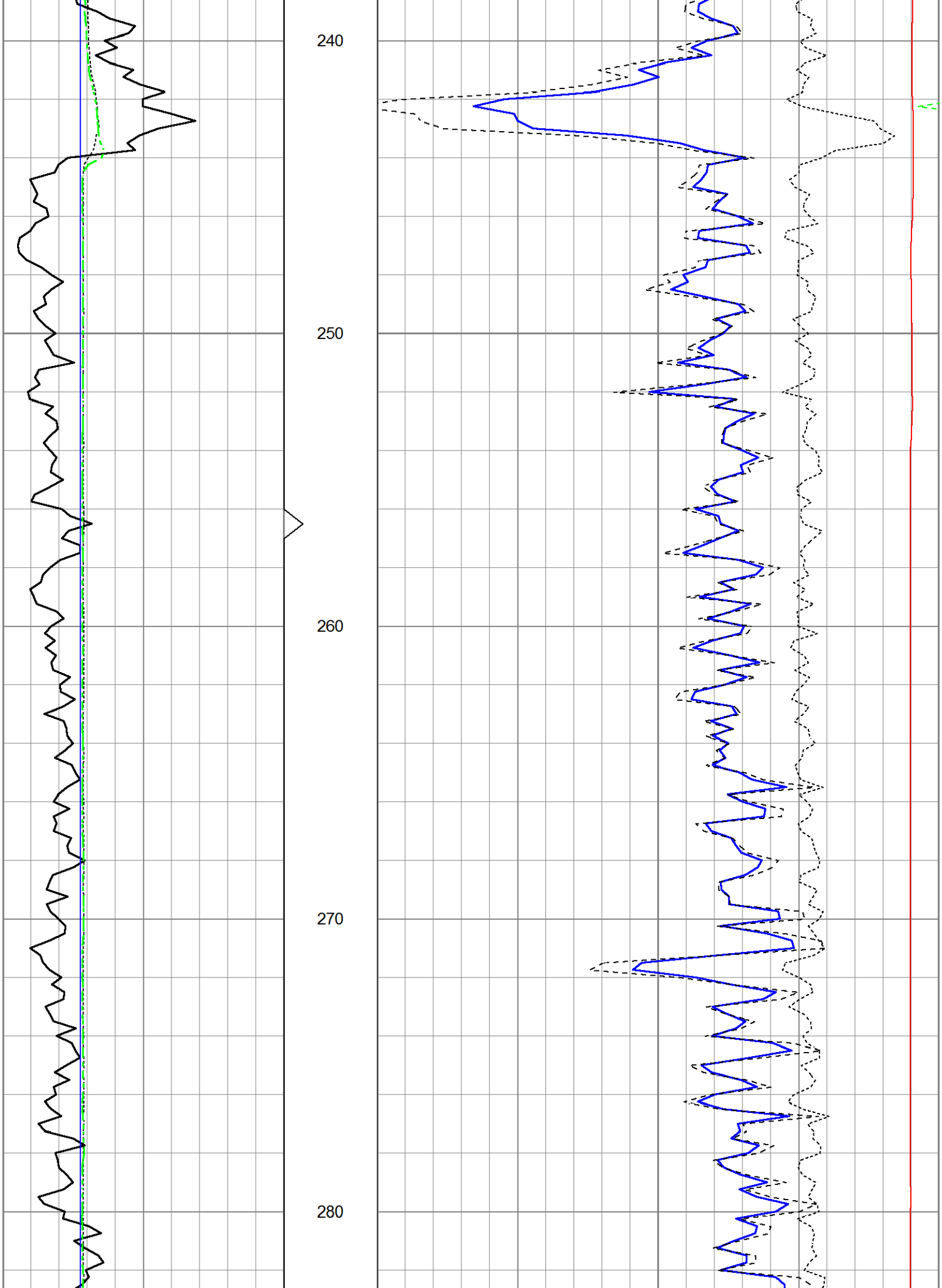
25" HR CDL SECTION

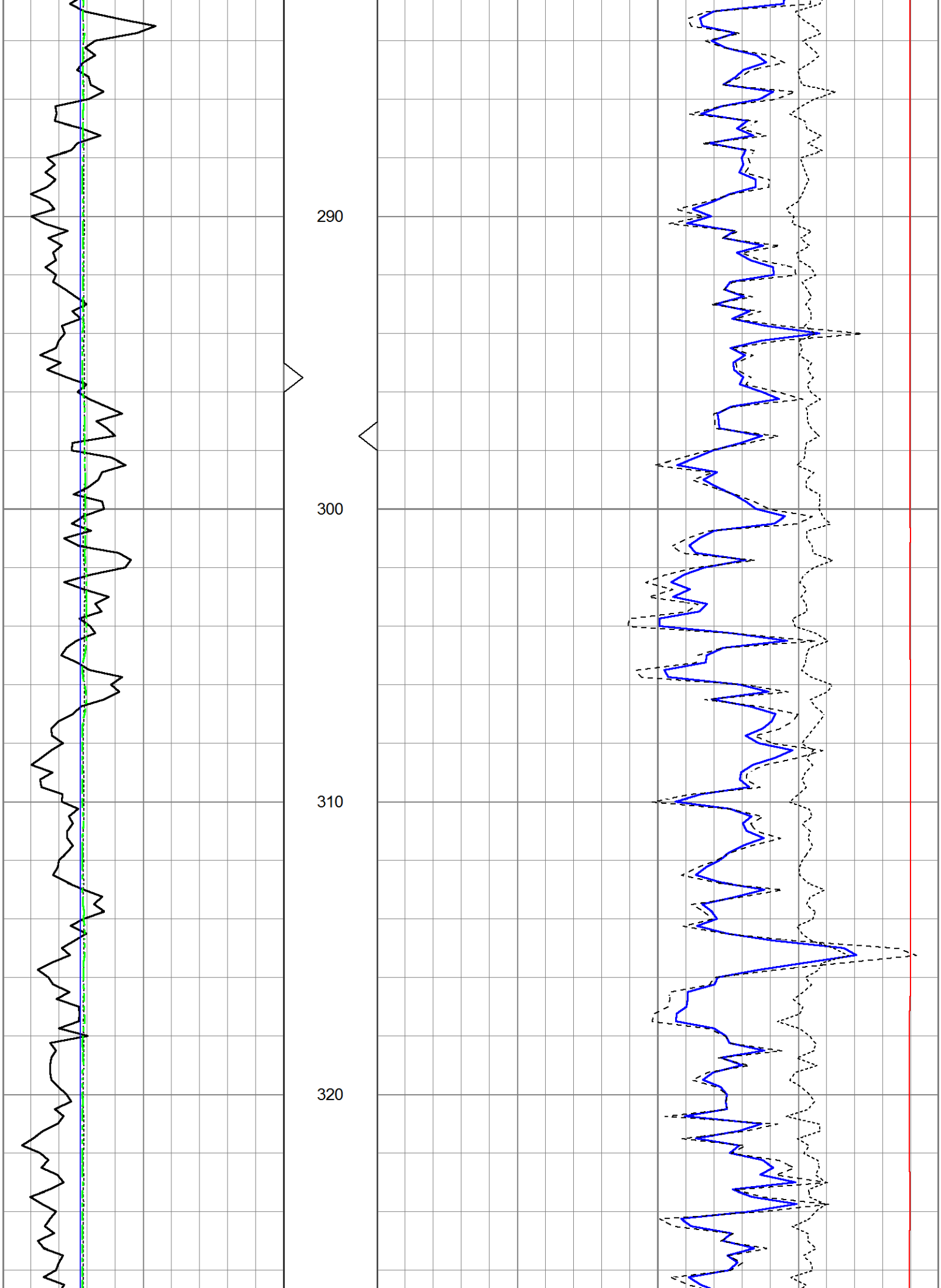
Database File	ow2-8837 colt energy.db
Dataset Pathname	CDL/pass2.5
Presentation Format	bulk4hr
Dataset Creation	Wed Jun 17 16:41:33 2015
Charted by	Depth in Feet scaled 1:48

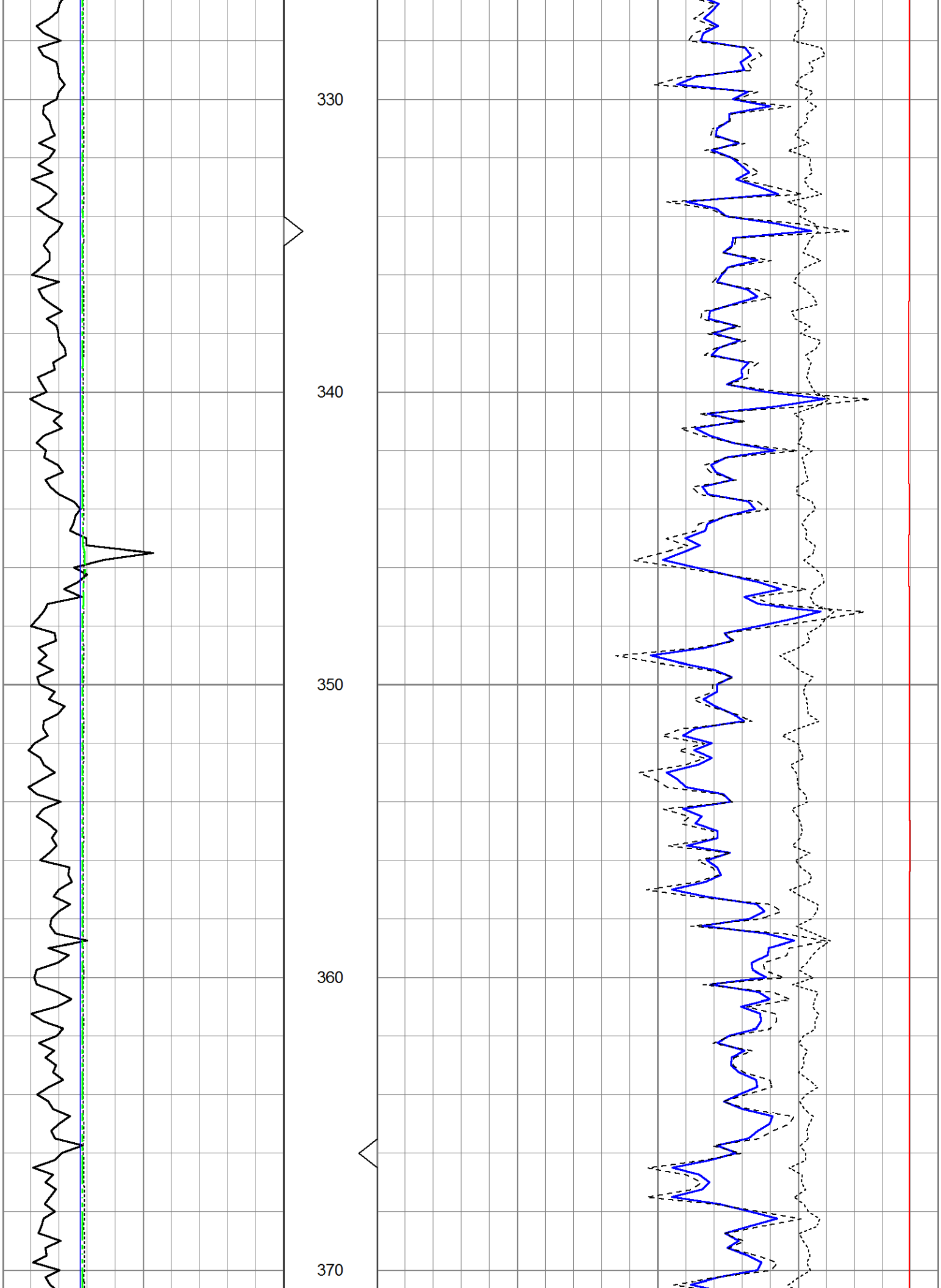
0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)		3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)		-10
4	Density Caliper (in)	14				-0.5 Correction (g/cc)	0.5
4	Neutron Caliper (in)	14				5000 Line Tension (lb)	0

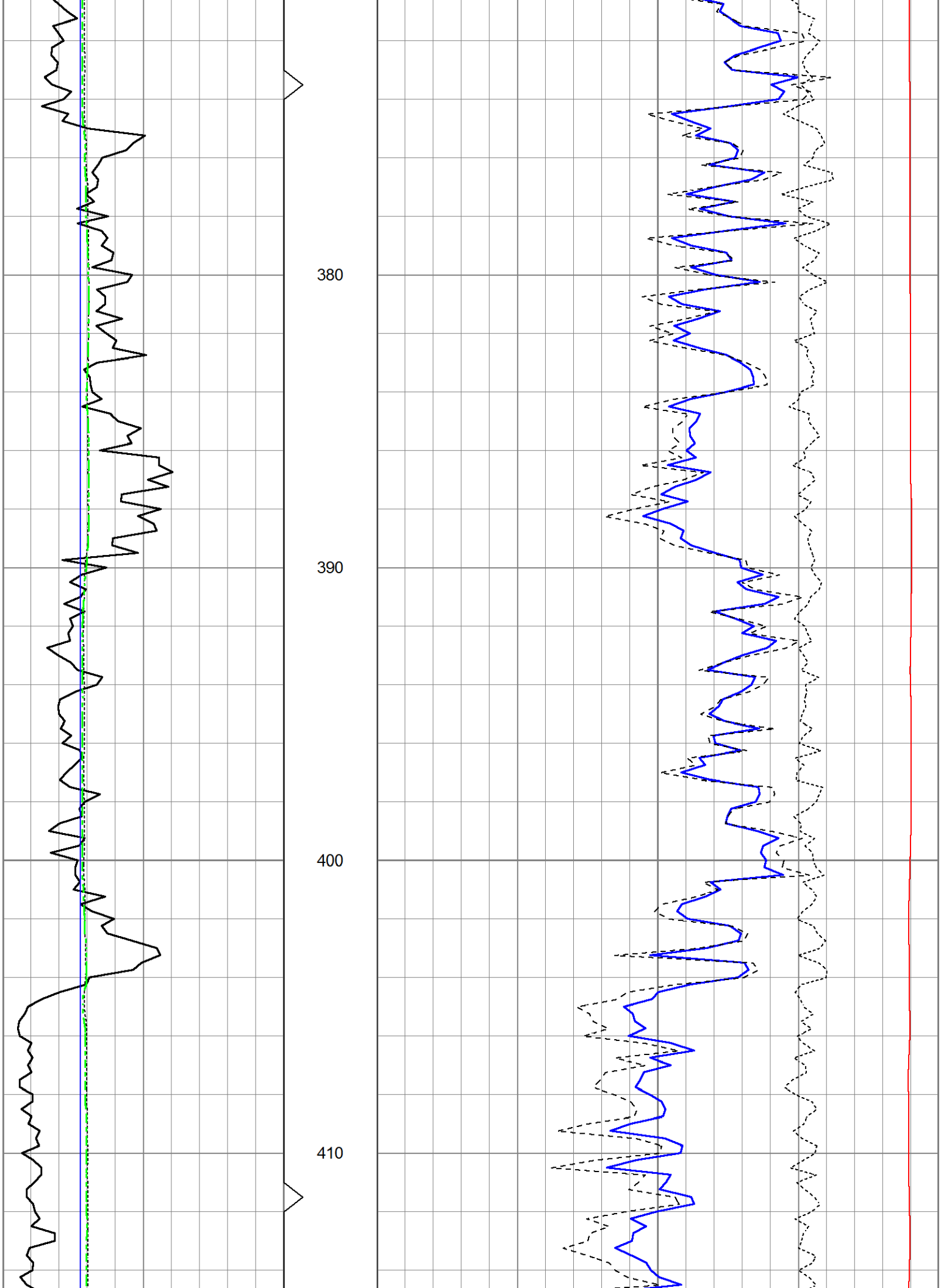


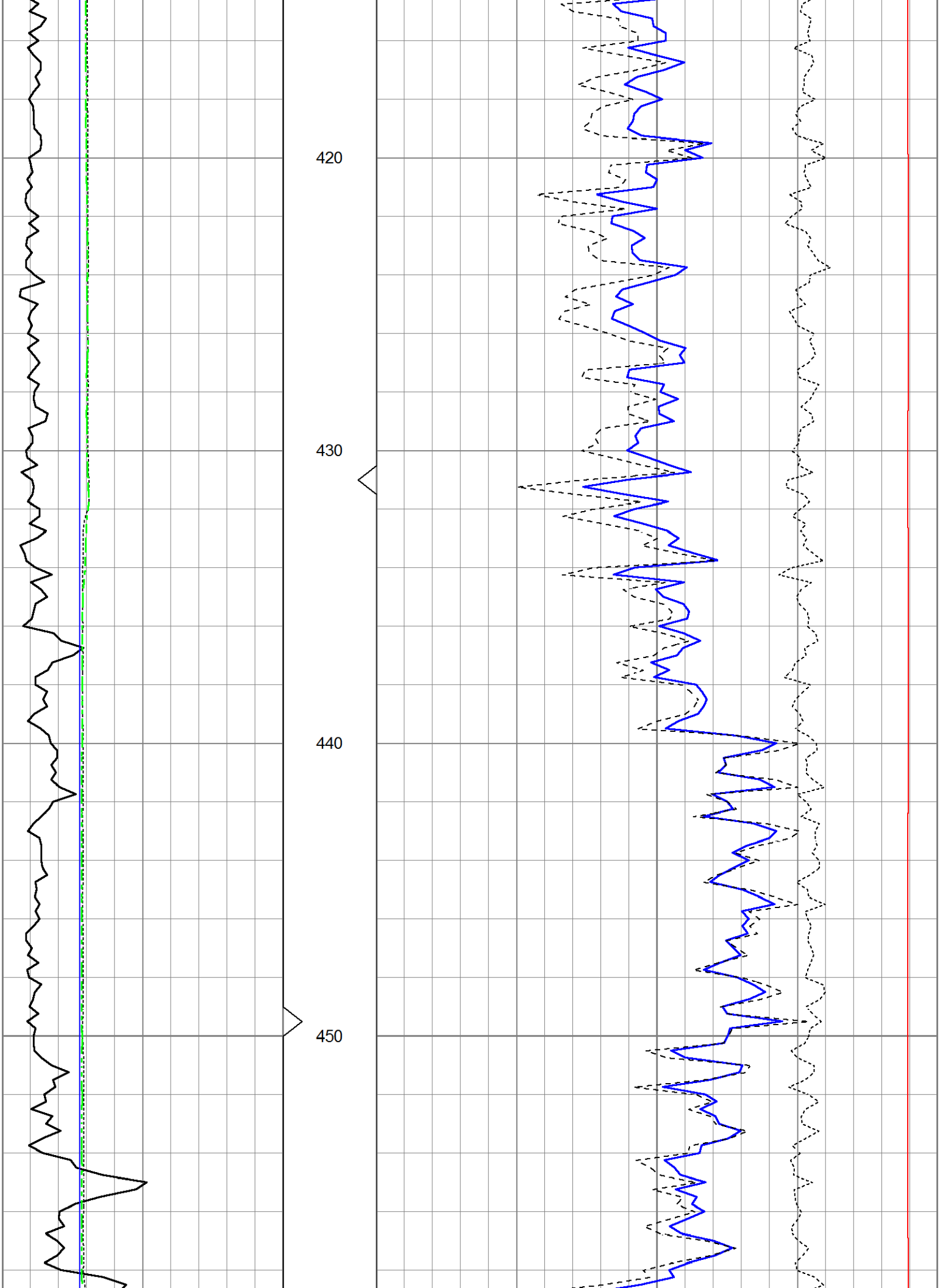

200
210
220
230

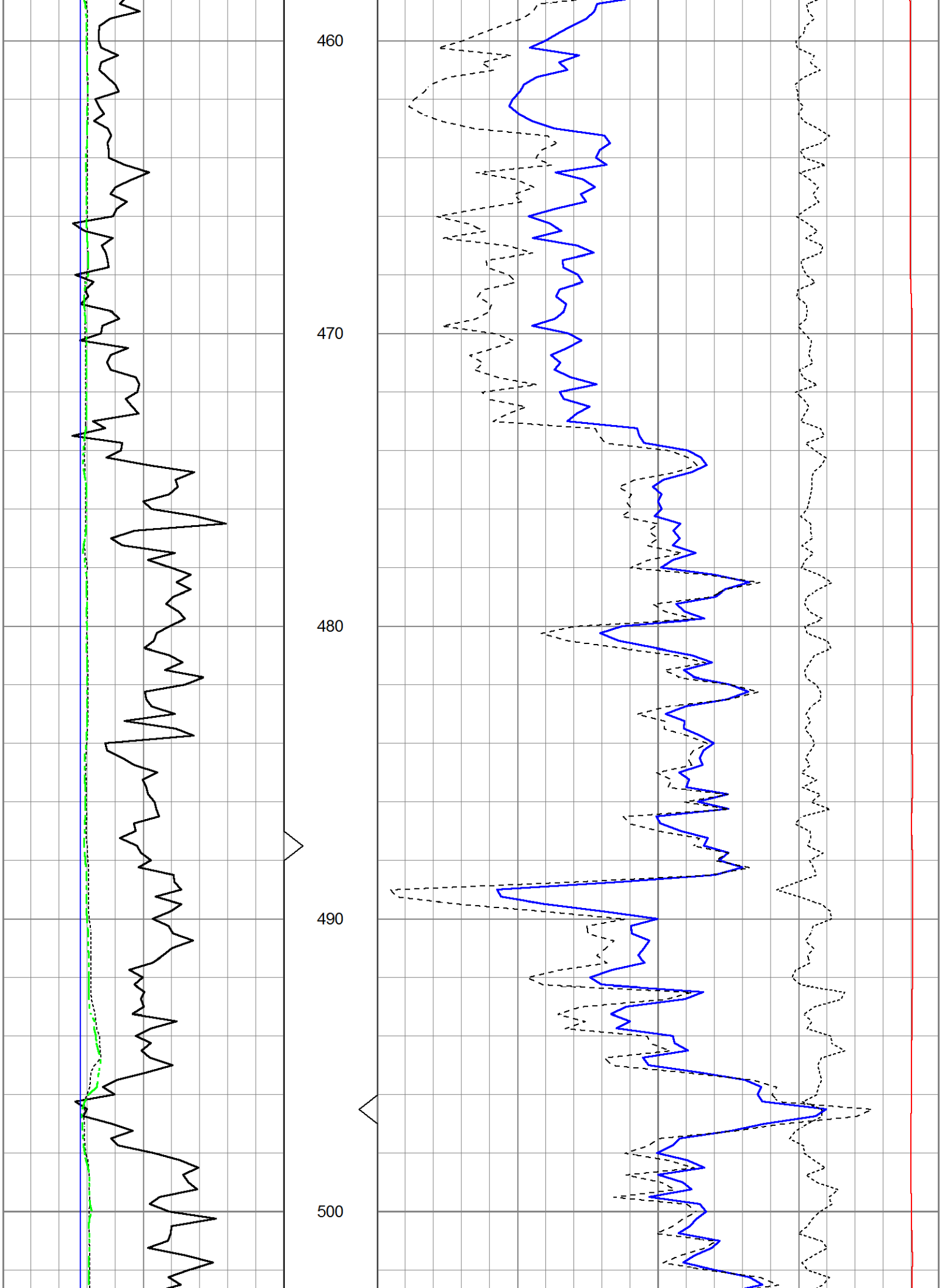

240
250
260
270
280

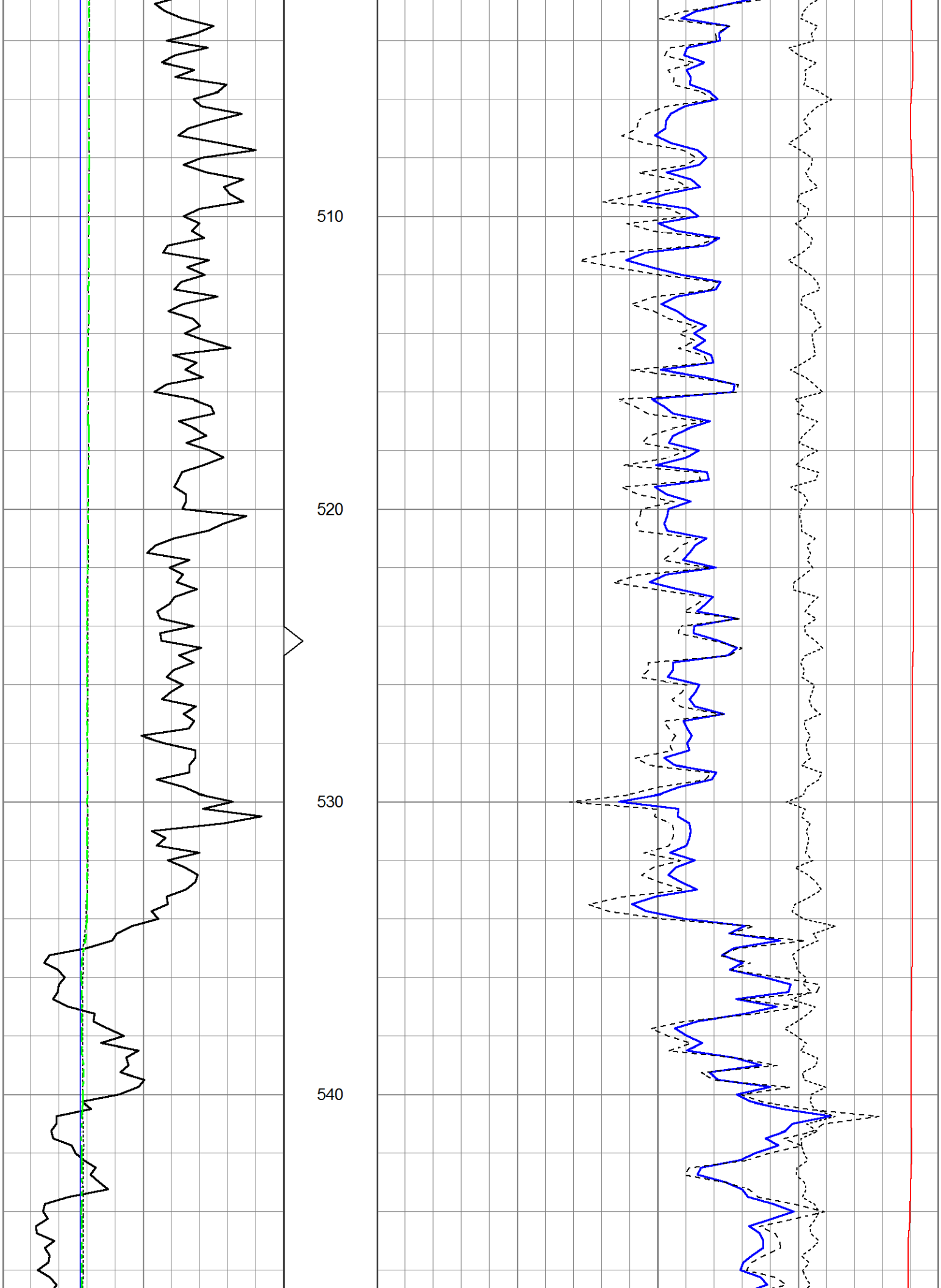

290
300
310
320

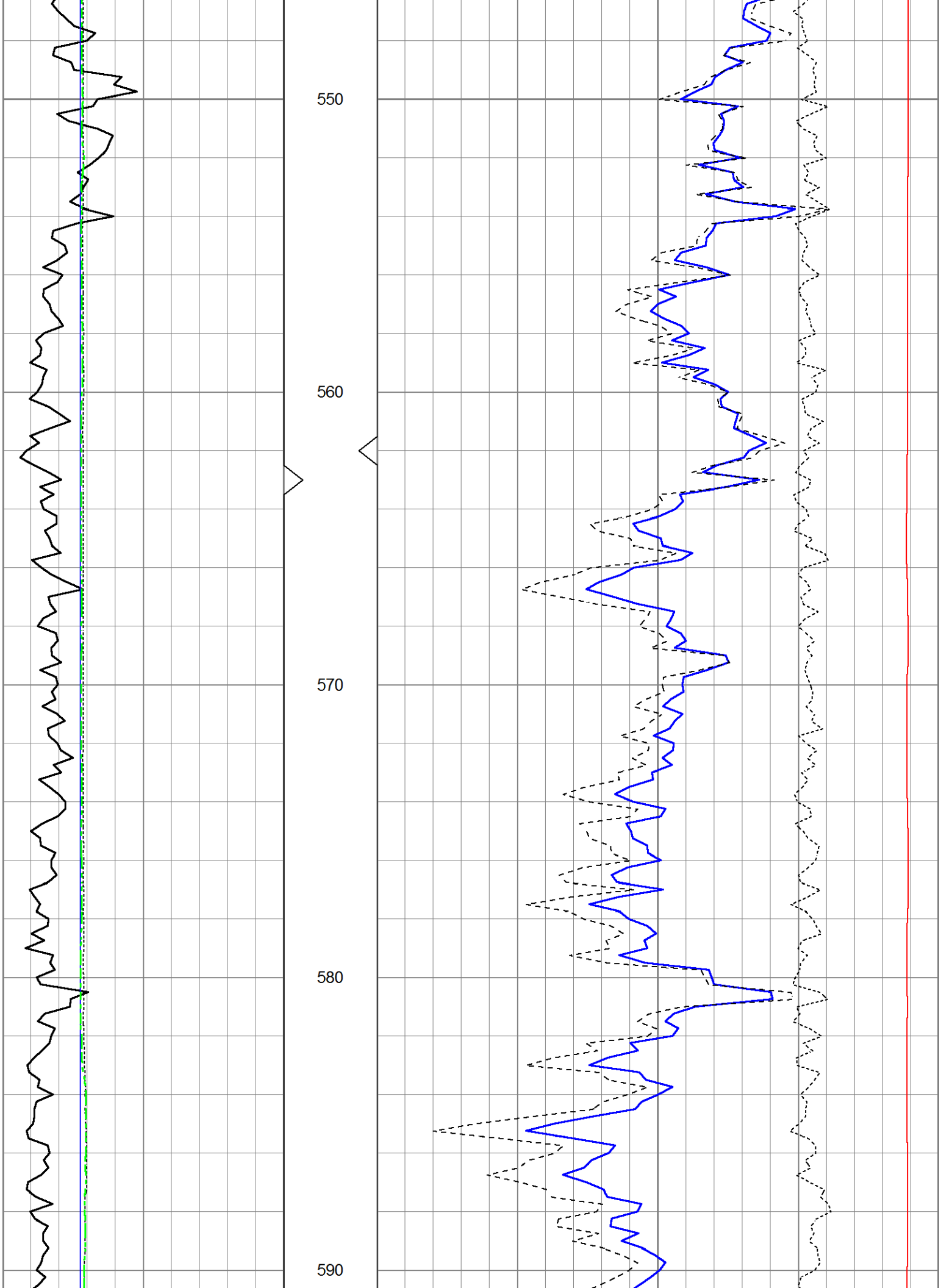

330
340
350
360
370

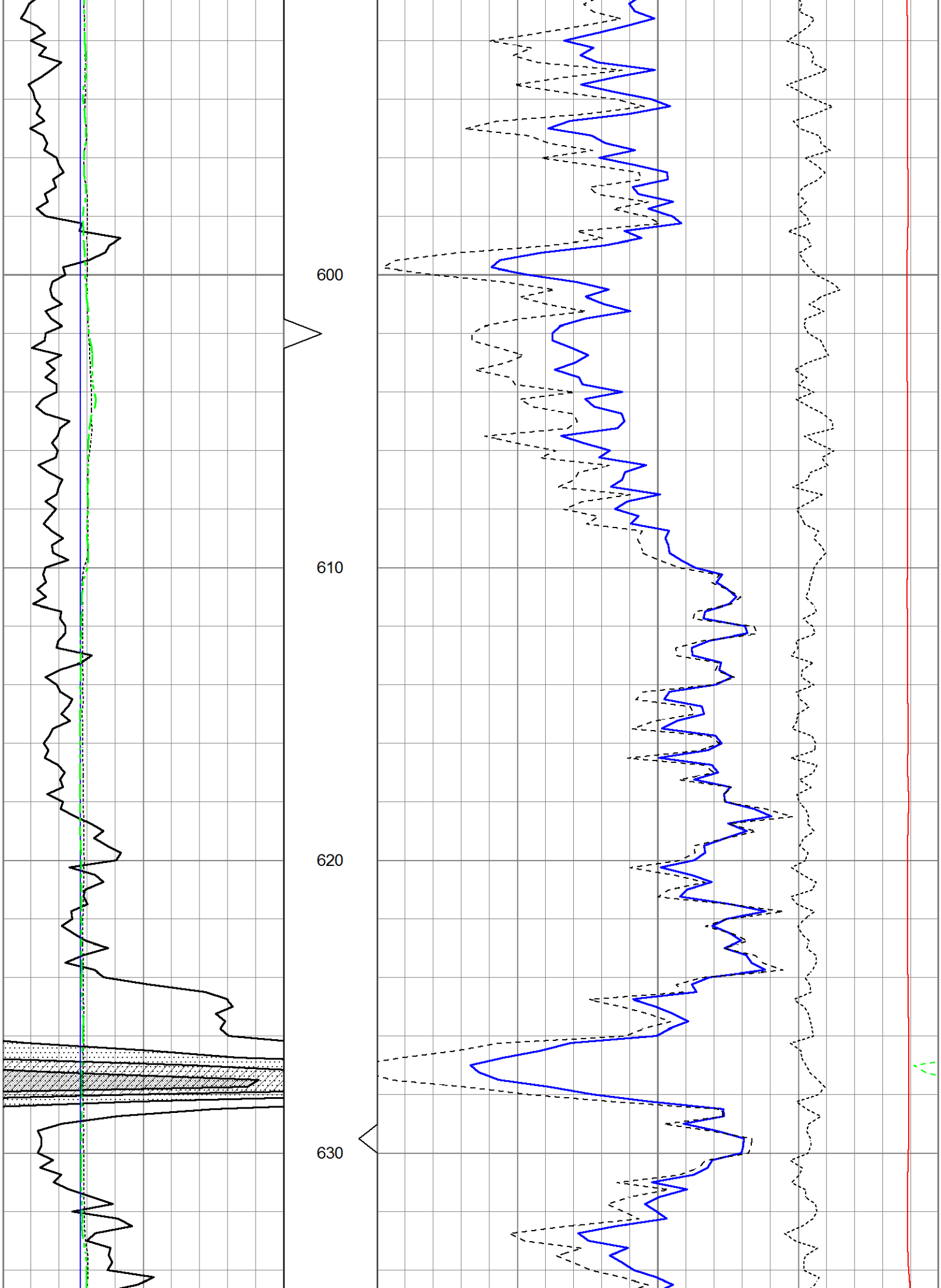

380
390
400
410

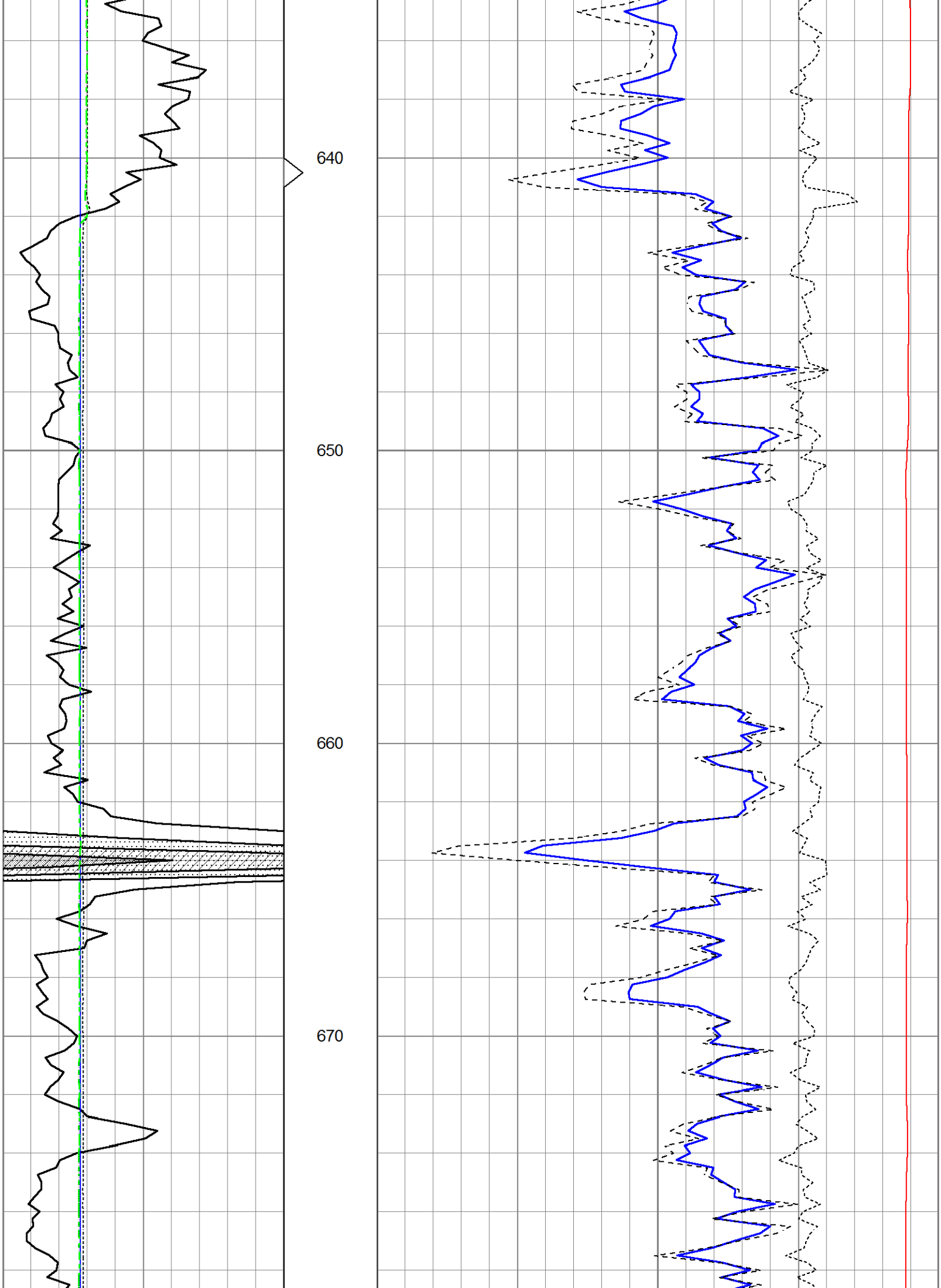

420
430
440
450

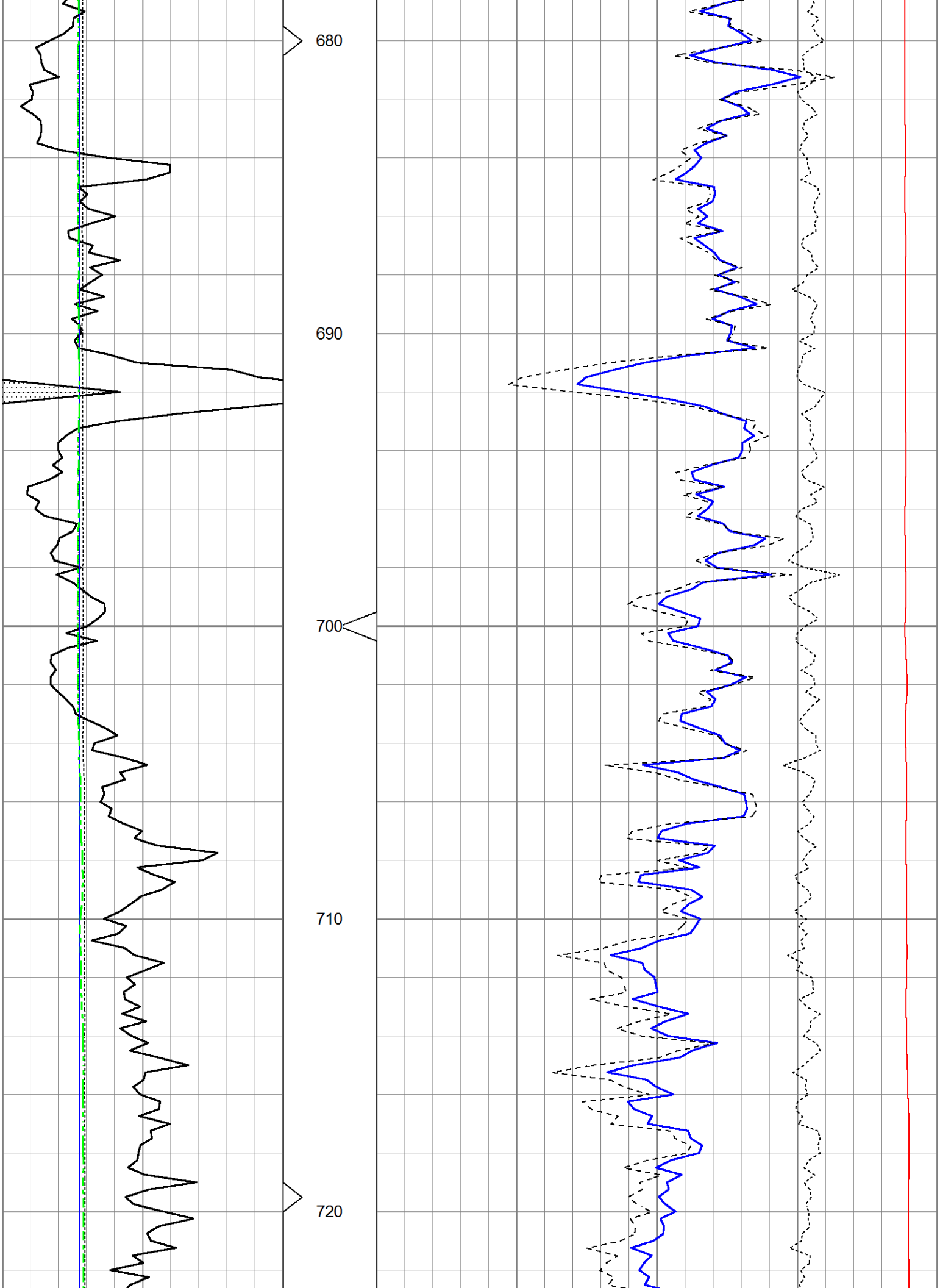

460
470
480
490
500

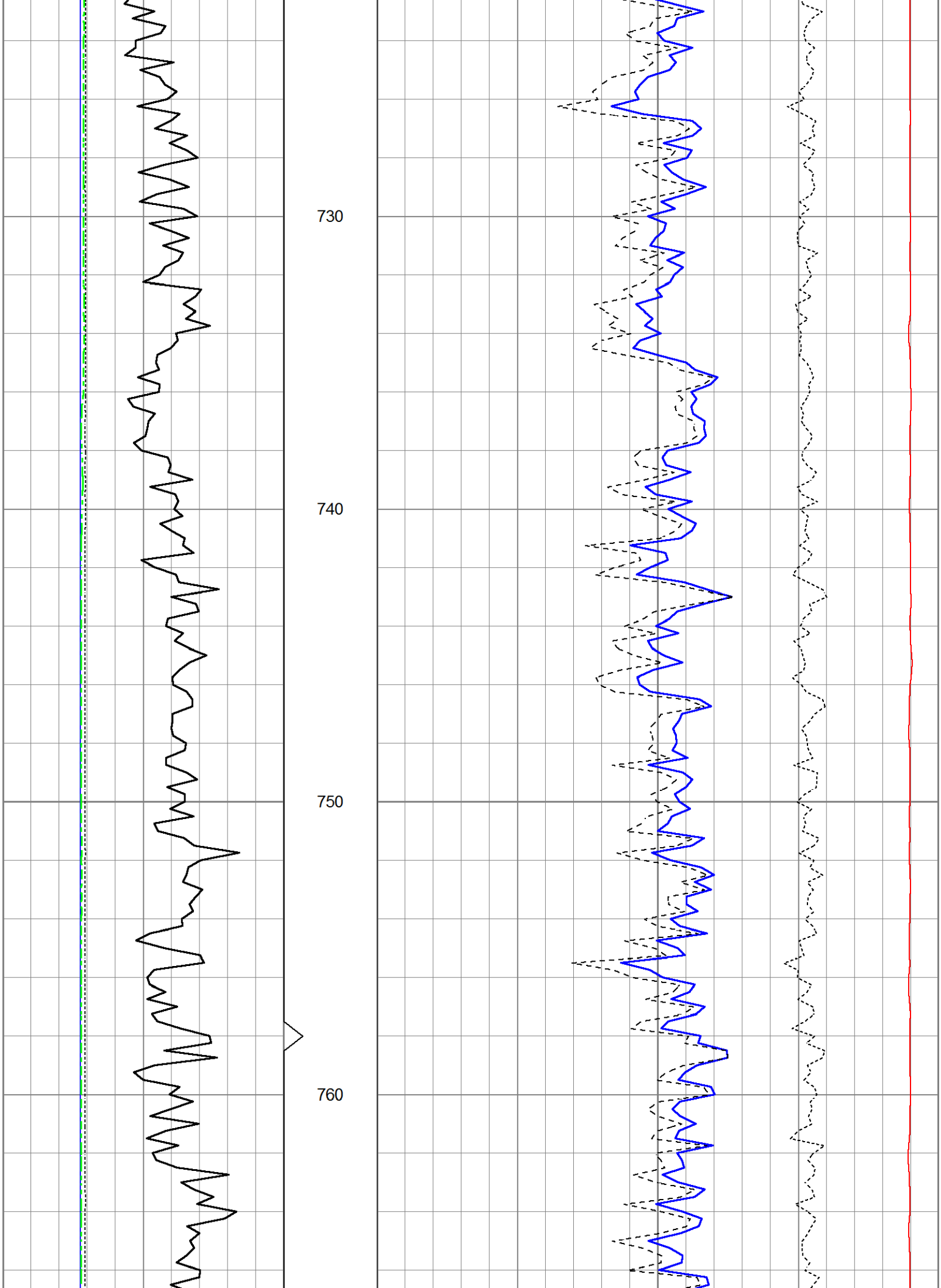

510
520
530
540

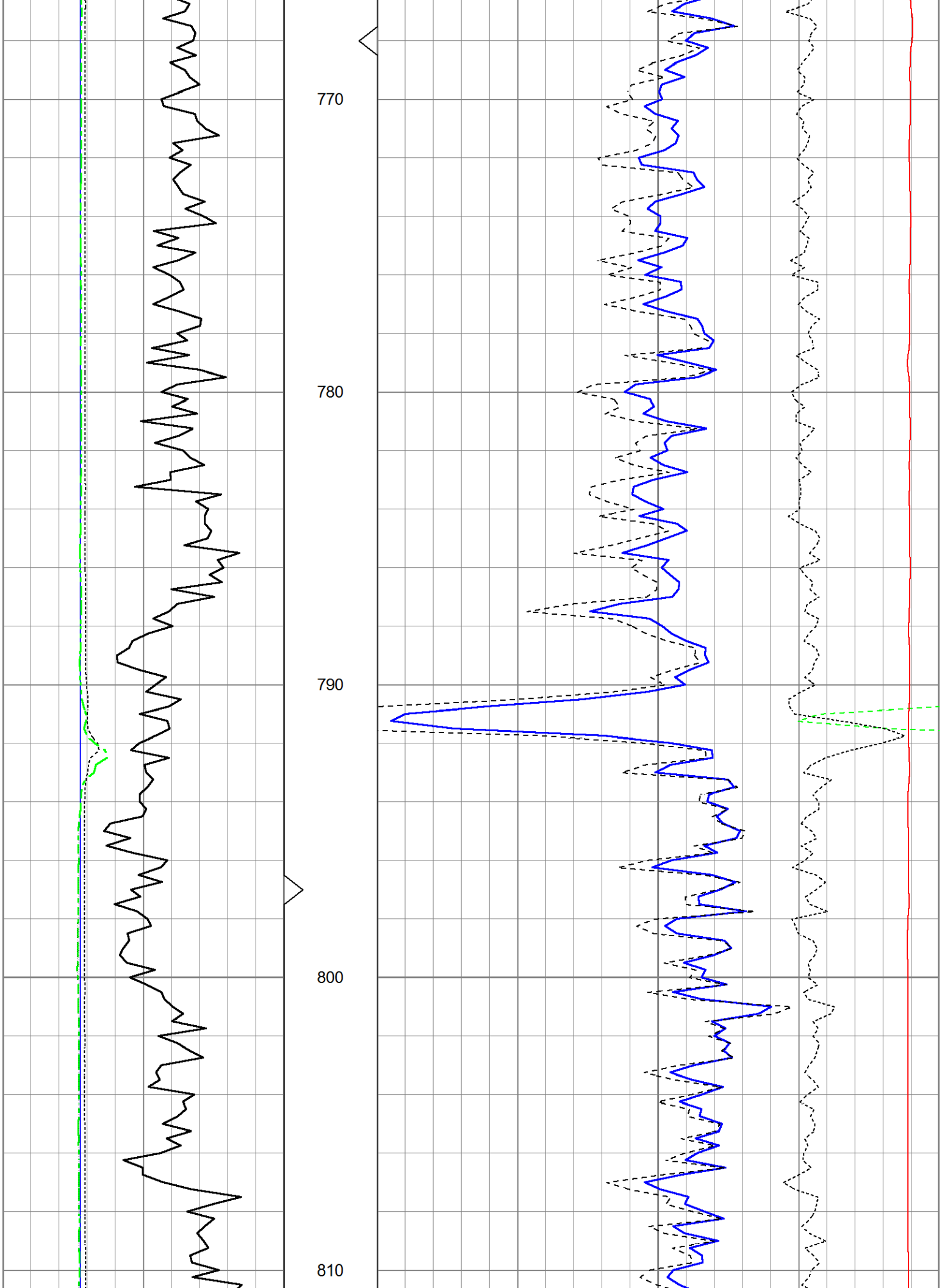

550
560
570
580
590

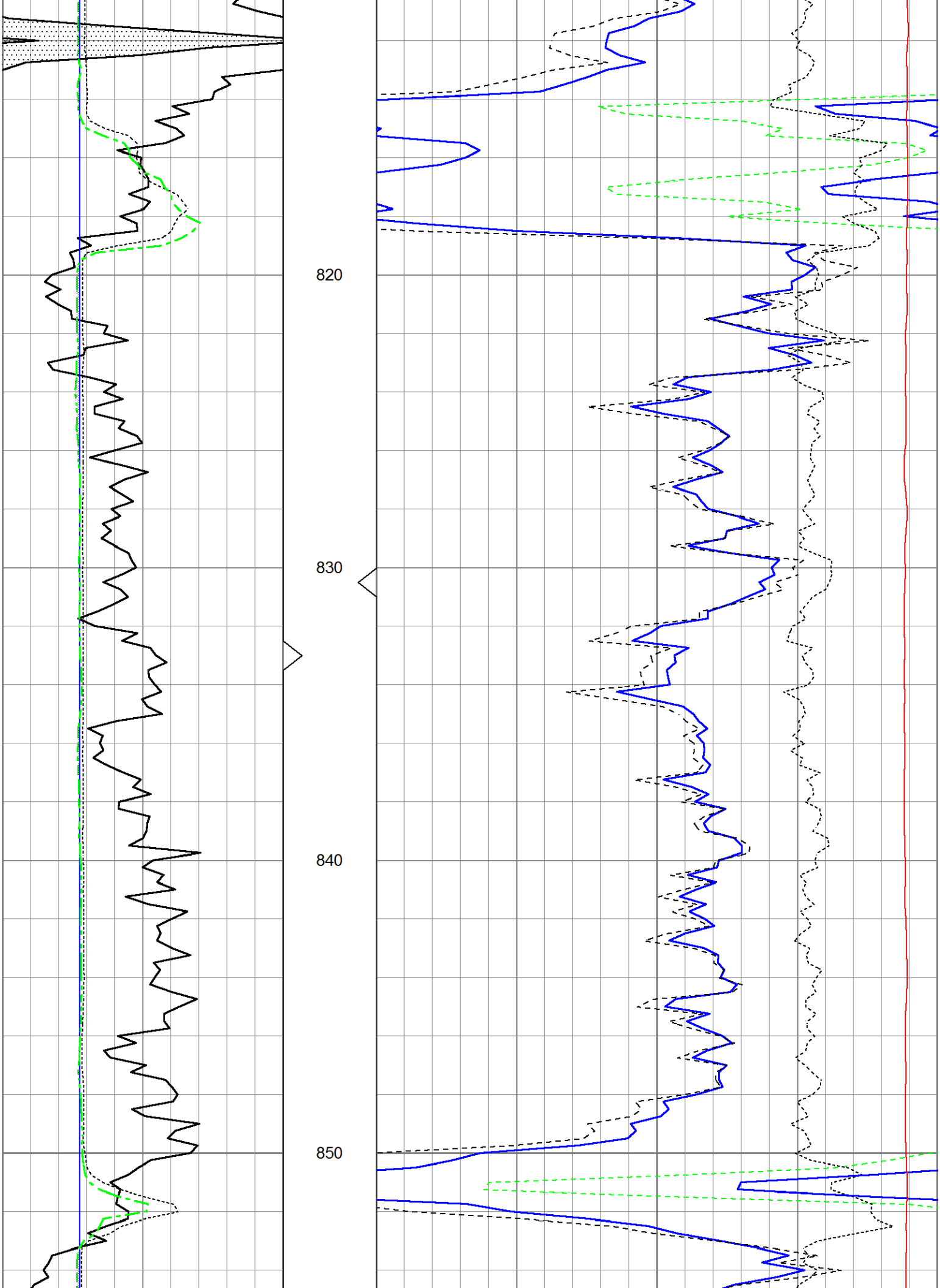

600
610
620
630

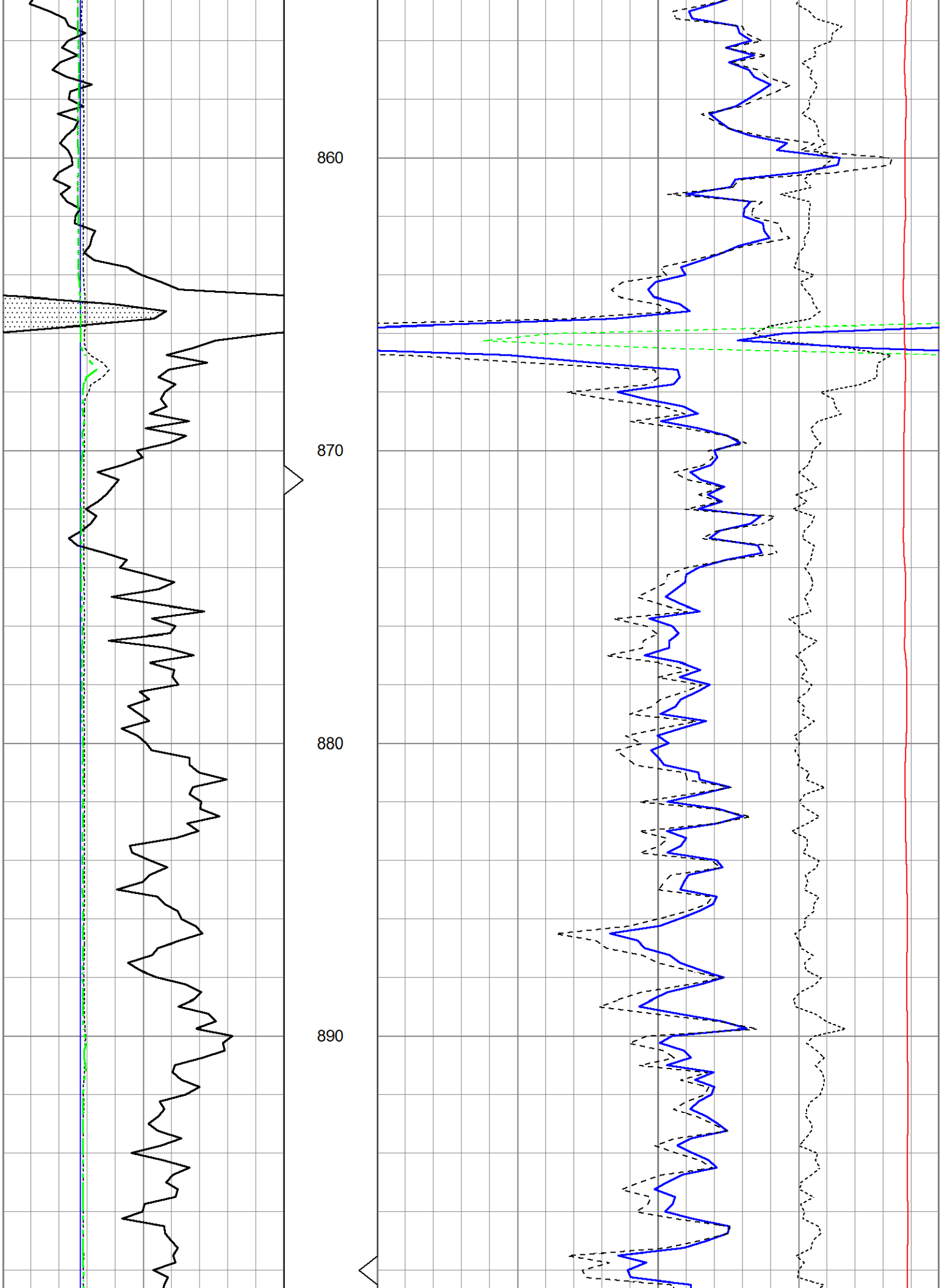

640
650
660
670

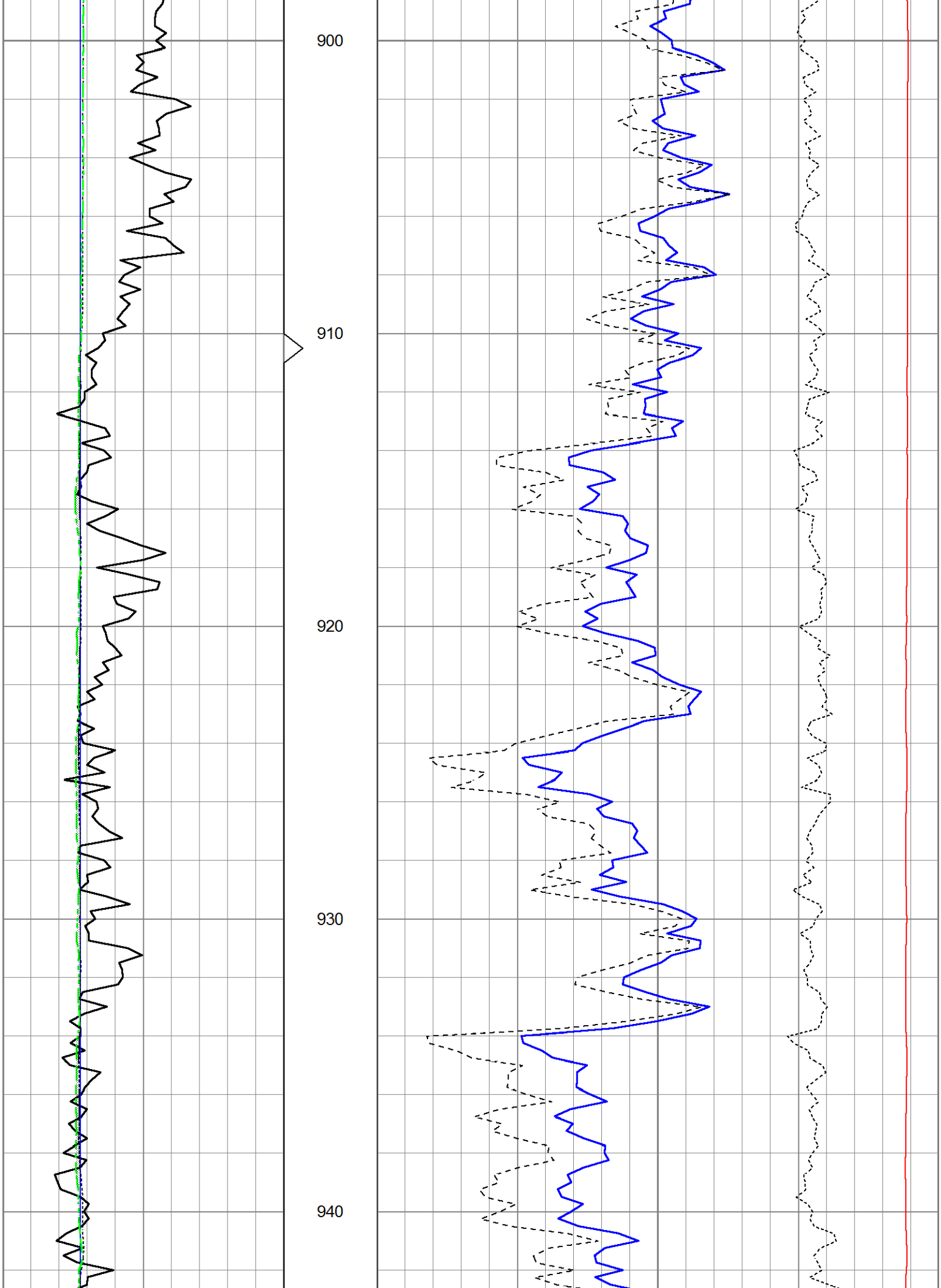

680
690
700
710
720

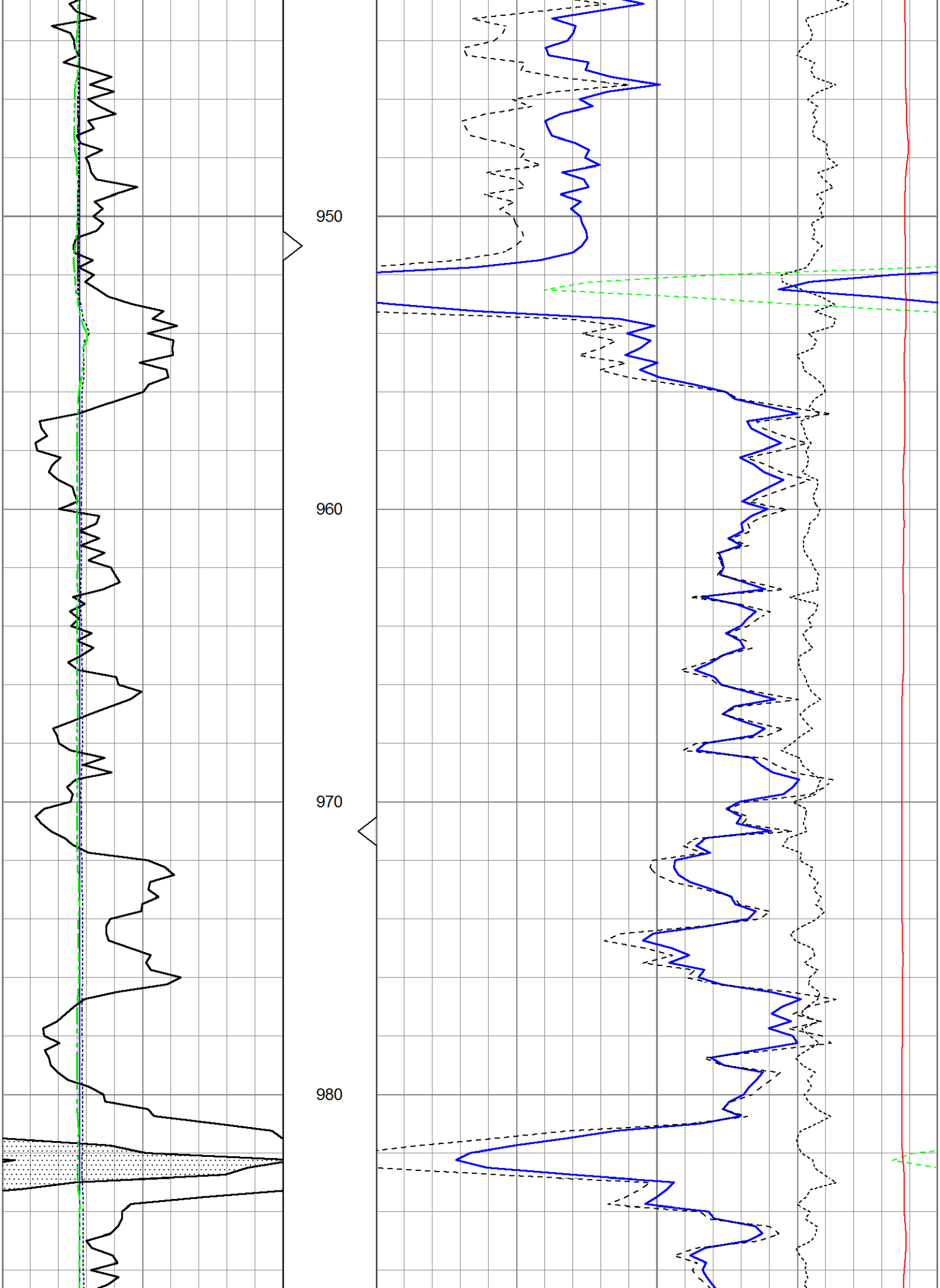

730
740
750
760

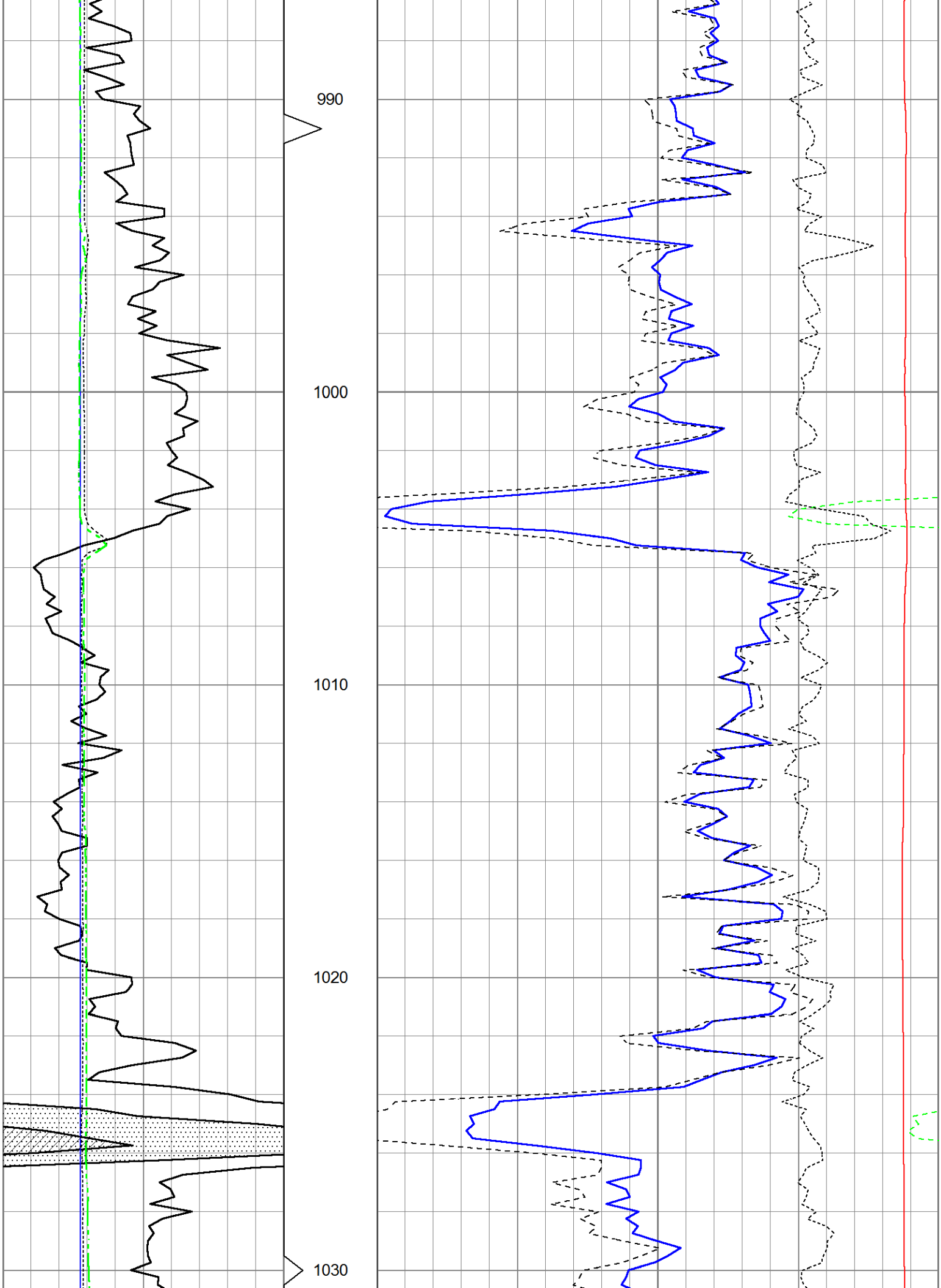

770
780
790
800
810

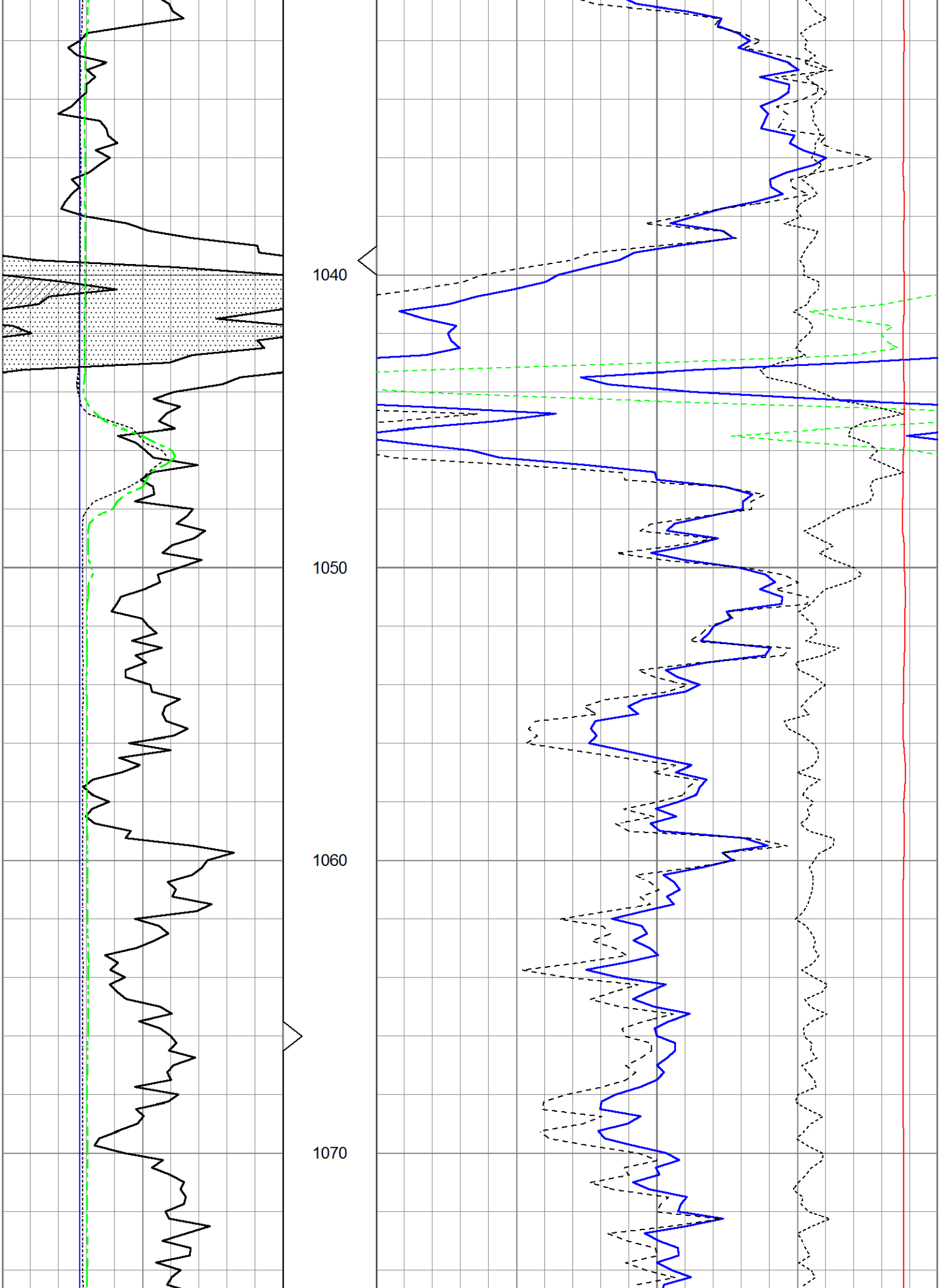

820
830
840
850

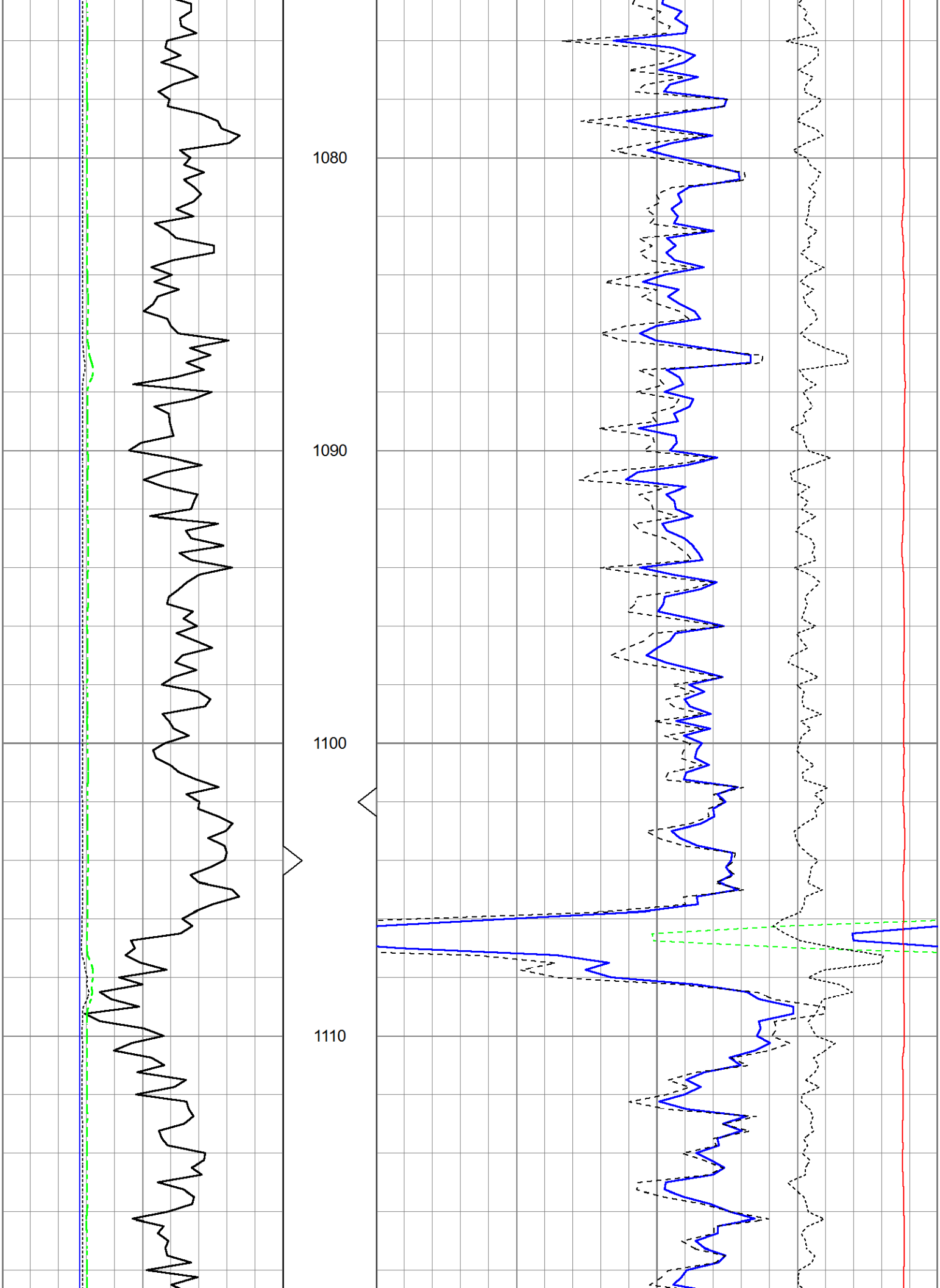

860
870
880
890

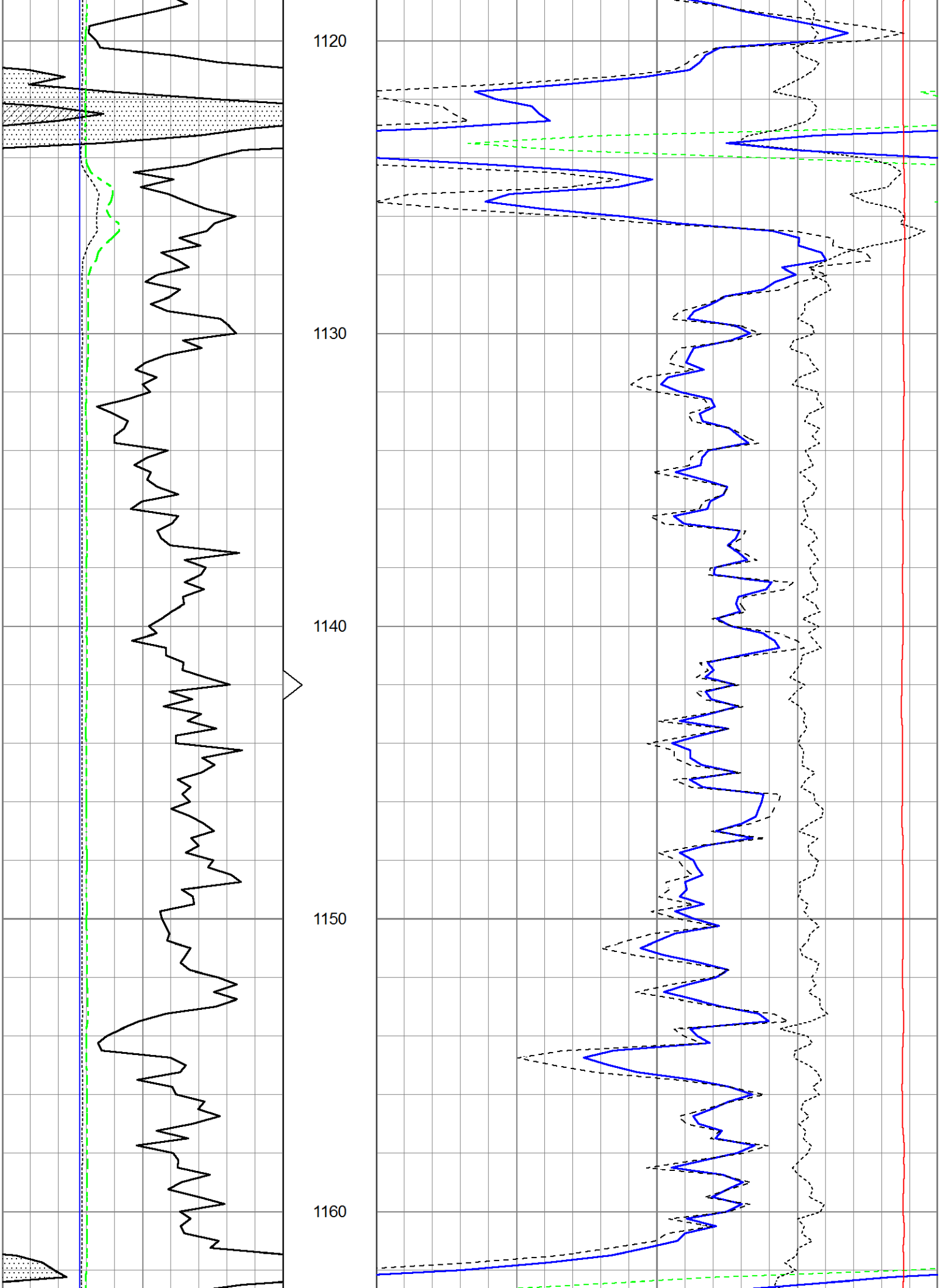

900
910
920
930
940

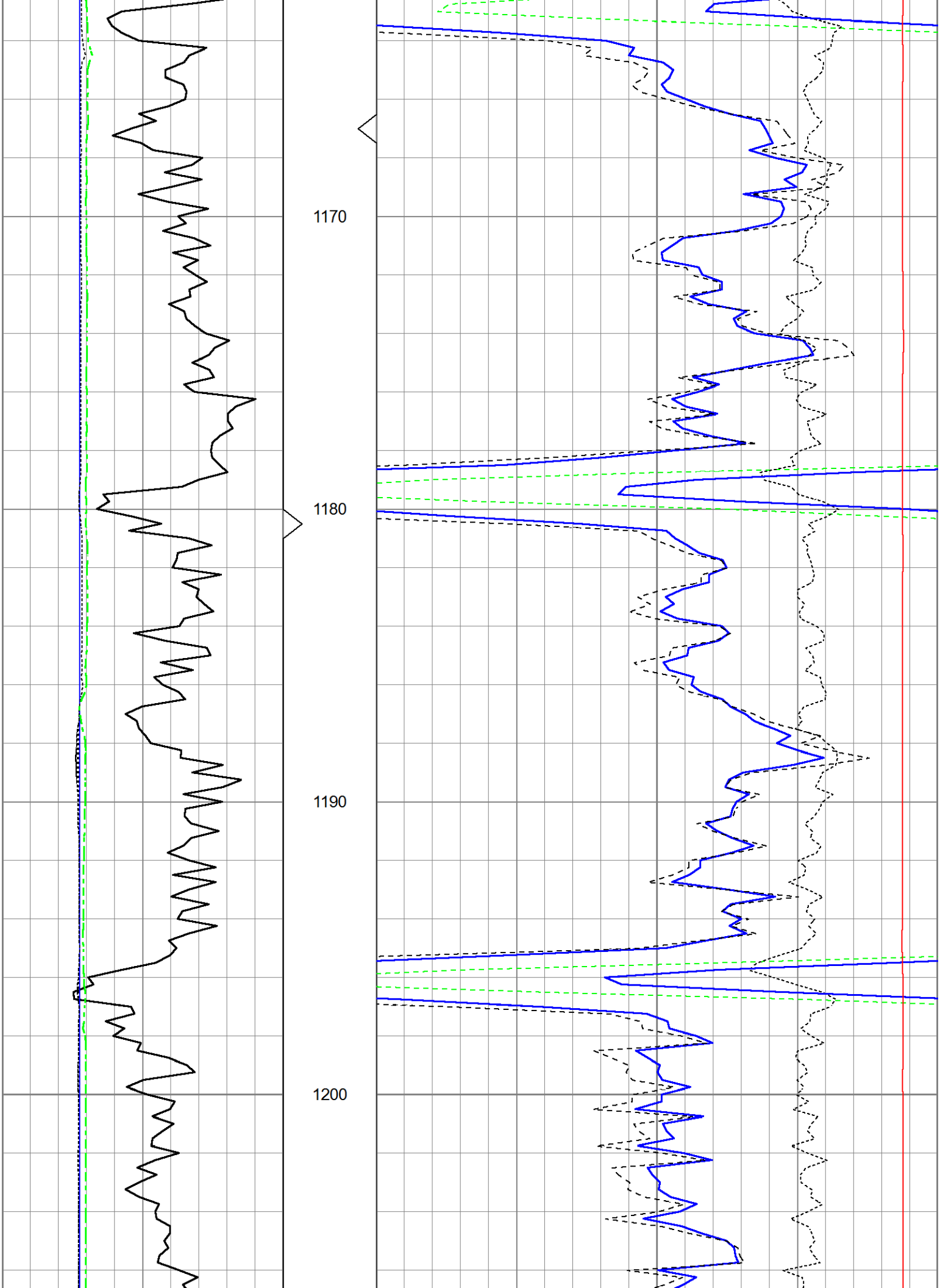

950
960
970
980

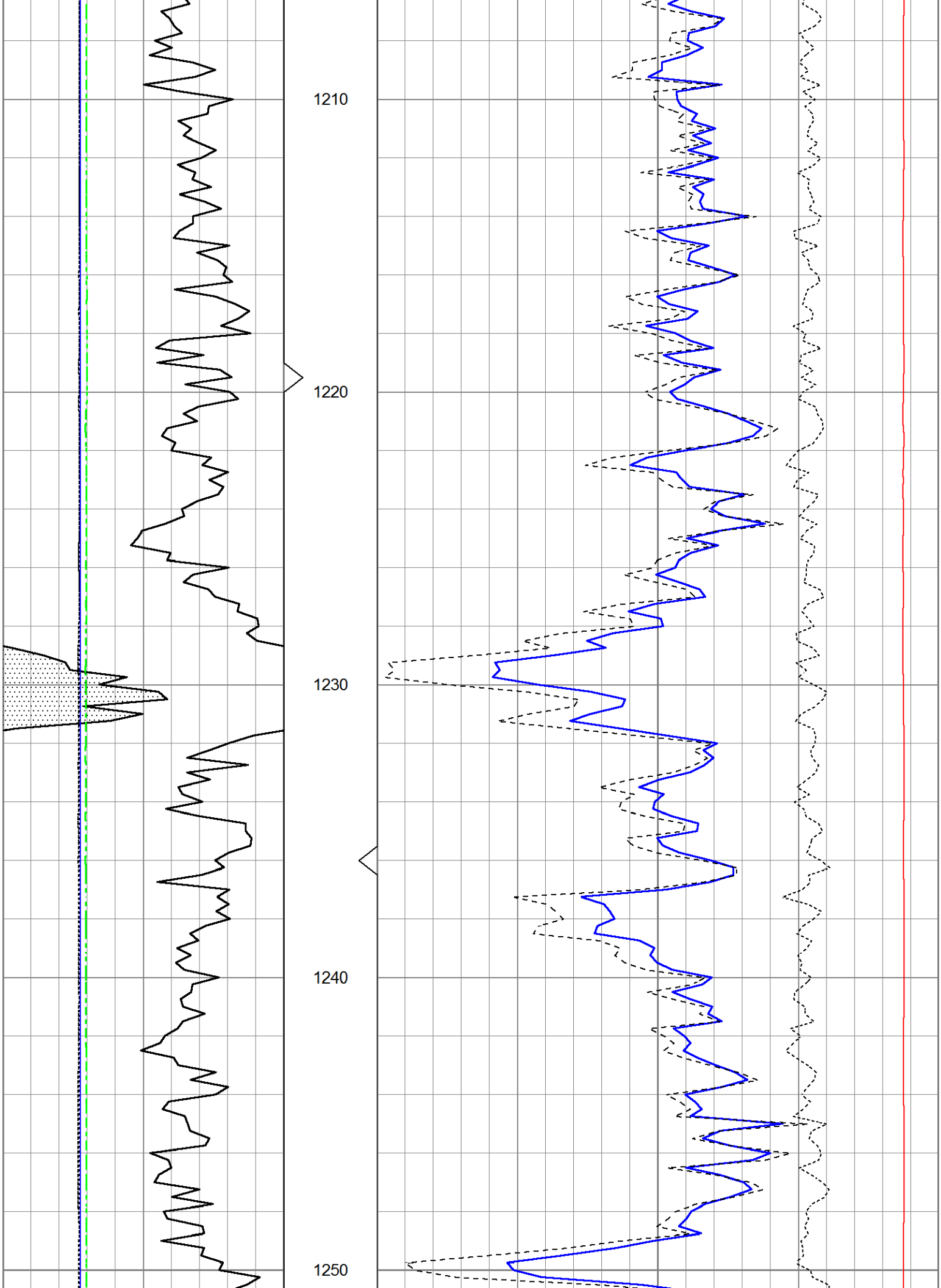

990
1000
1010
1020
1030

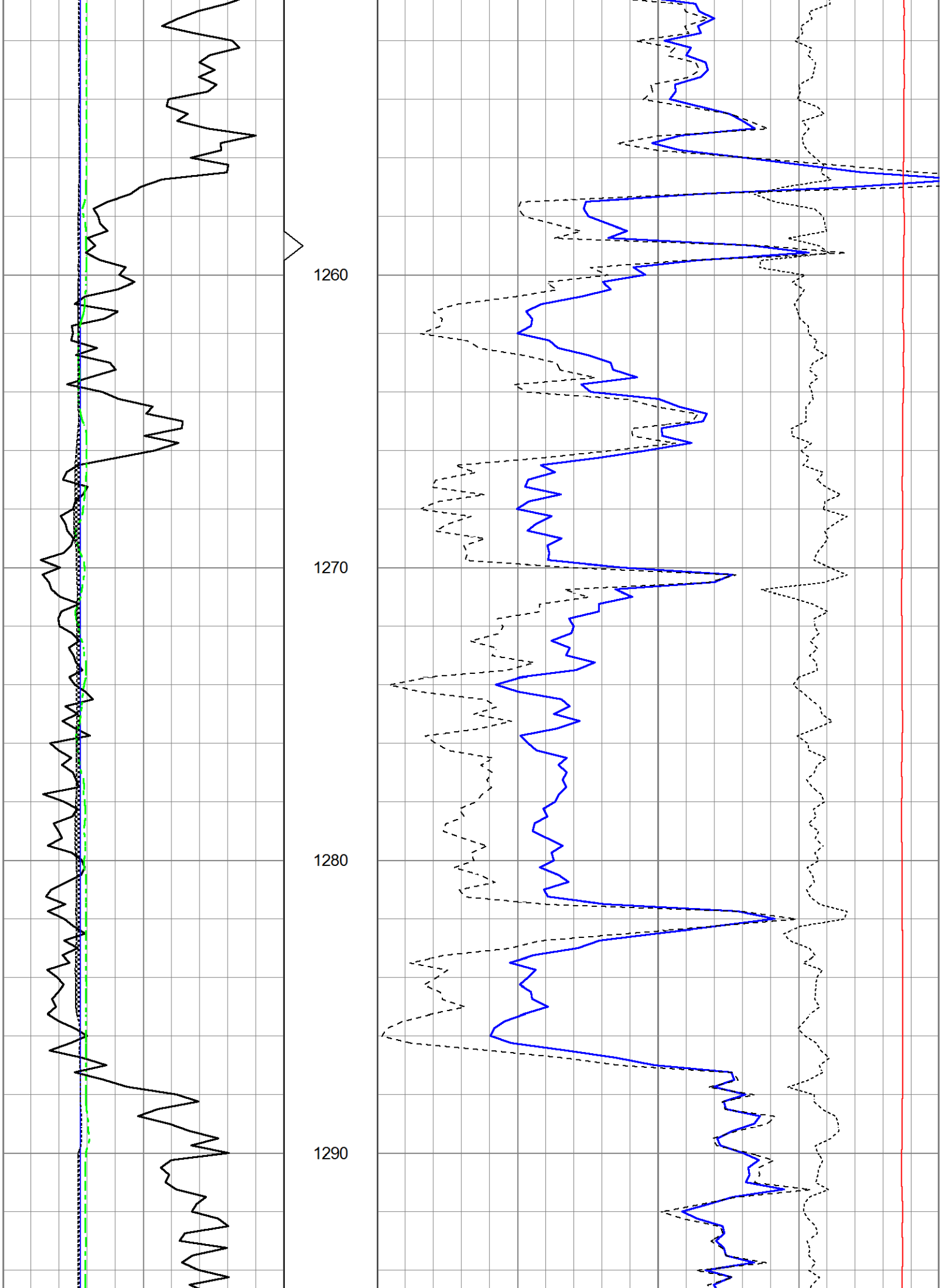

1040
1050
1060
1070

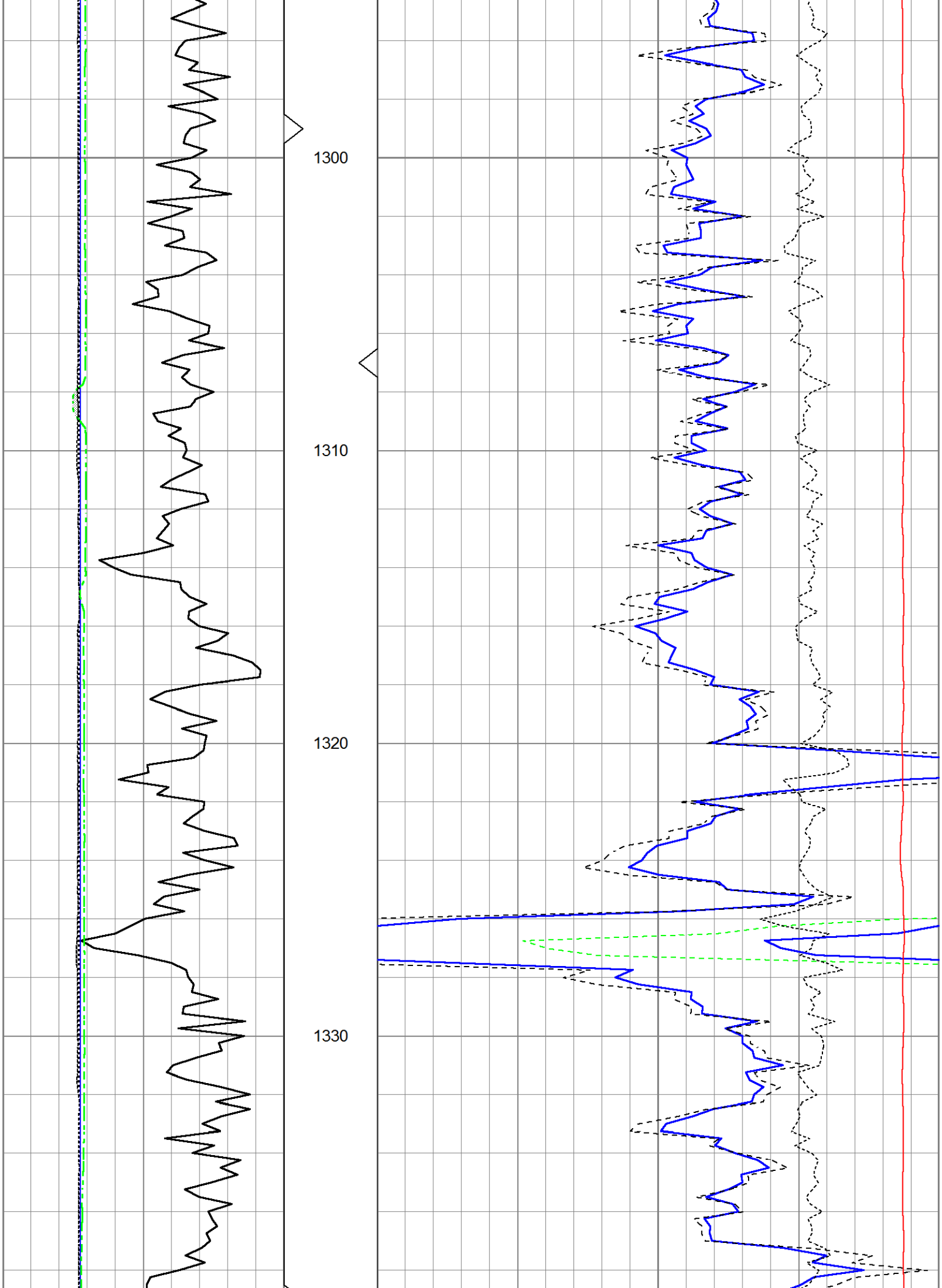

1080
1090
1100
1110

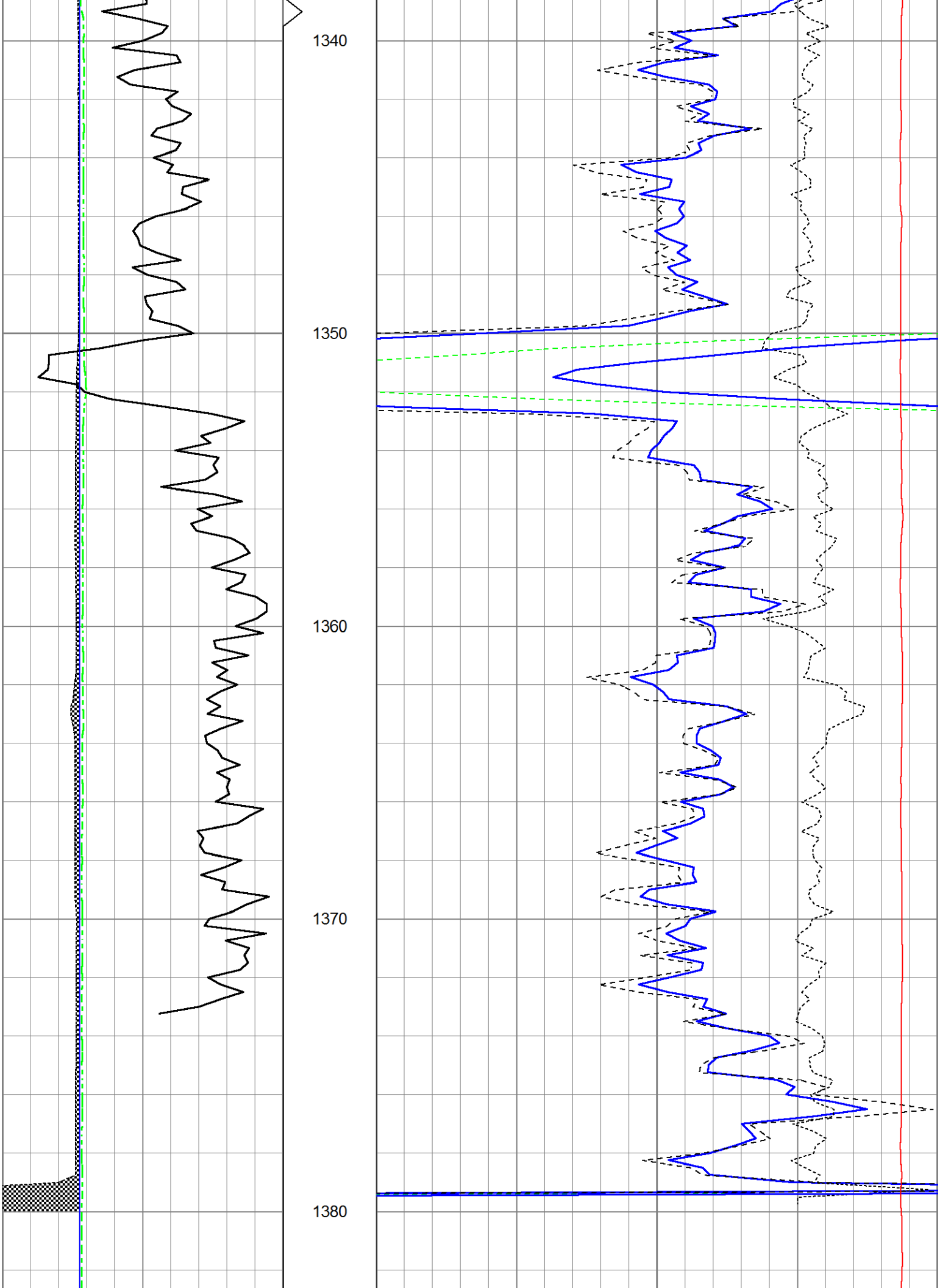

1120
1130
1140
1150
1160

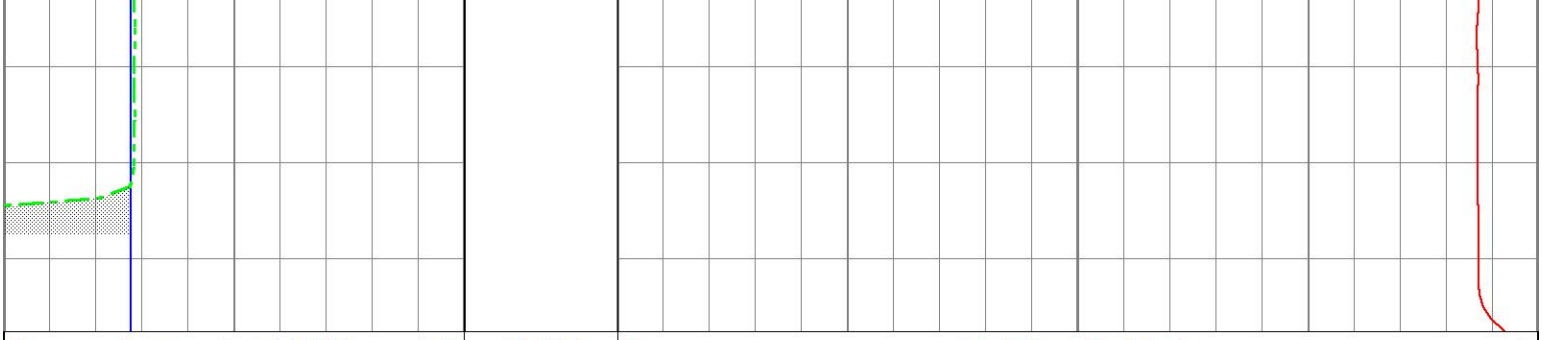

1170
1180
1190
1200


1210
1220
1230
1240
1250

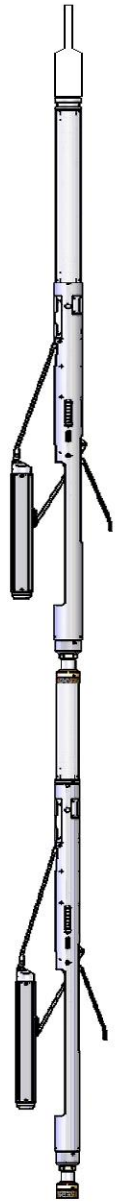

1260
1270
1280
1290


1300
1310
1320
1330


1340
1350
1360
1370
1380



0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)		3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)		-10
4	Density Caliper (in)	14				-0.5 Correction (g/cc)	0.5
4	Neutron Caliper (in)	14				5000 Line Tension (lb)	0

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			Cable-CableHead Isulation Sub	1.42	3.00	20.00
GR	15.60		Gamma-Oilex2122 (2122) Gamma Ray Section	2.83	3.50	75.00
LSD DCAL SSD	10.22 9.94 9.76		Density-Oilex2122 (2122) Density Section	6.08	4.00	250.00
SCAL SWN NEU	2.54 2.15 2.15		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00

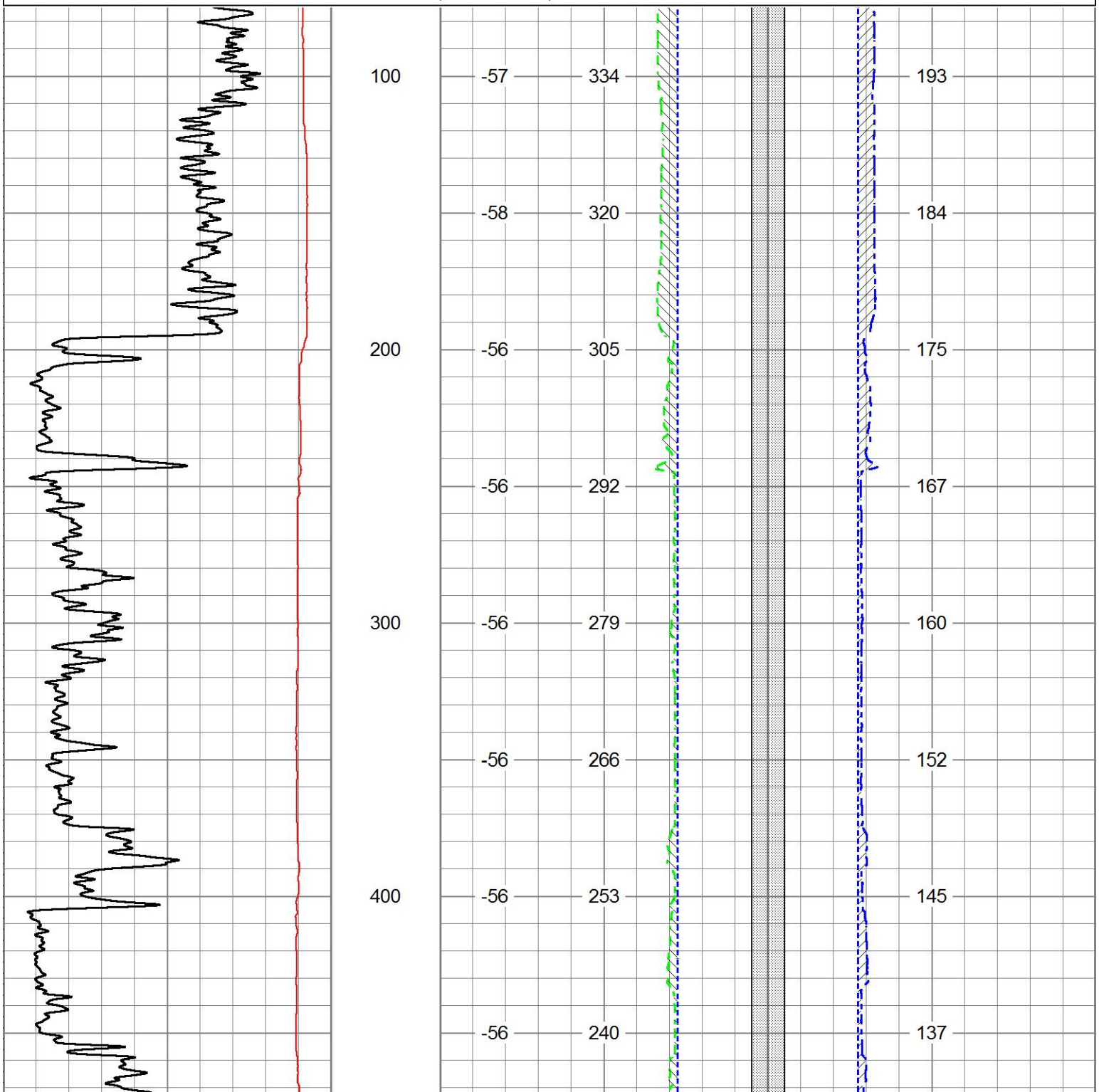
Dataset: ow2-8837 colt energy.db: field/well/CDL/pass2
Total length: 18.15 ft
Total weight: 495.00 lb
O.D.: 4.00 in

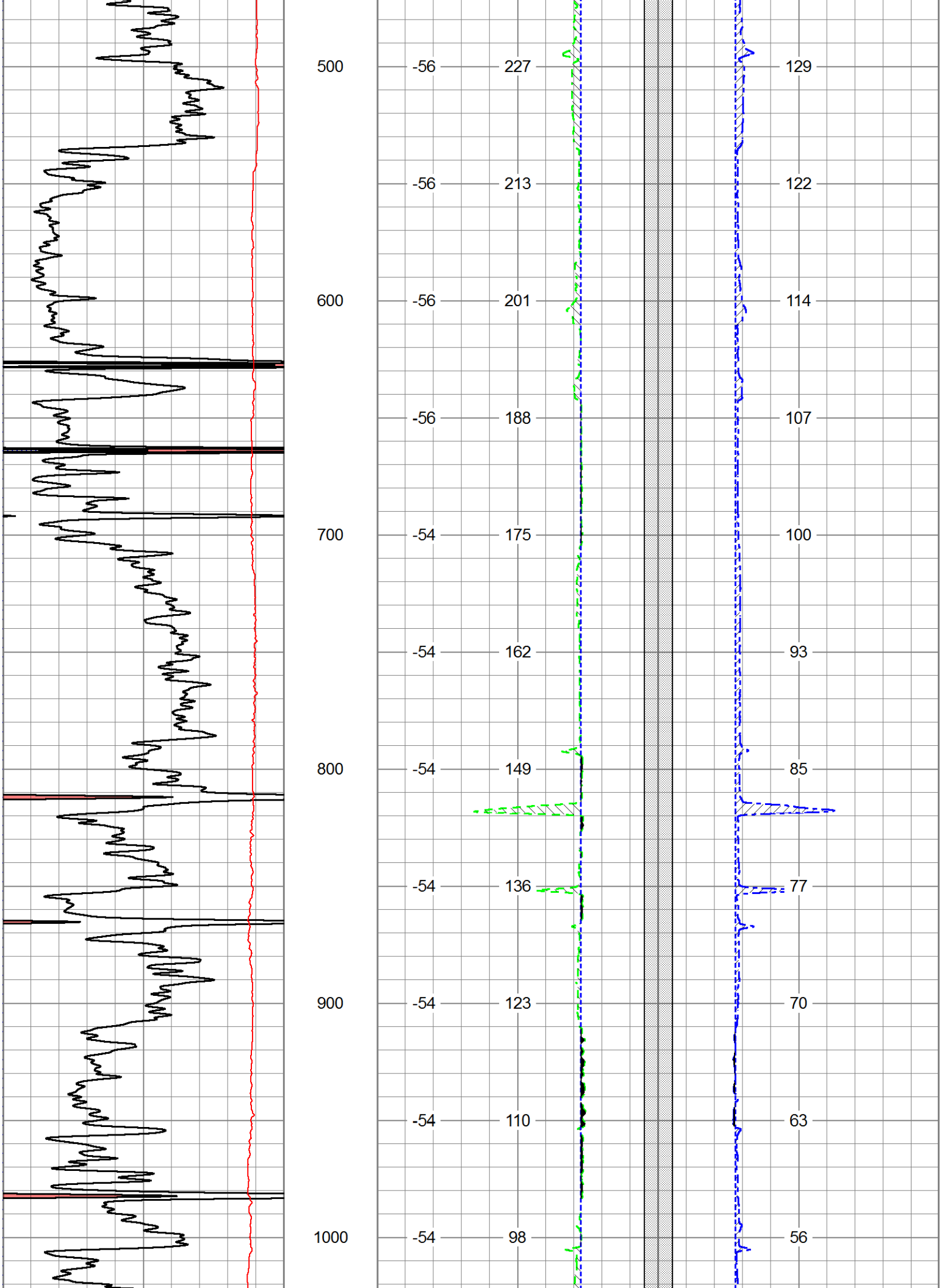
2" BOREHOLE VOLUME

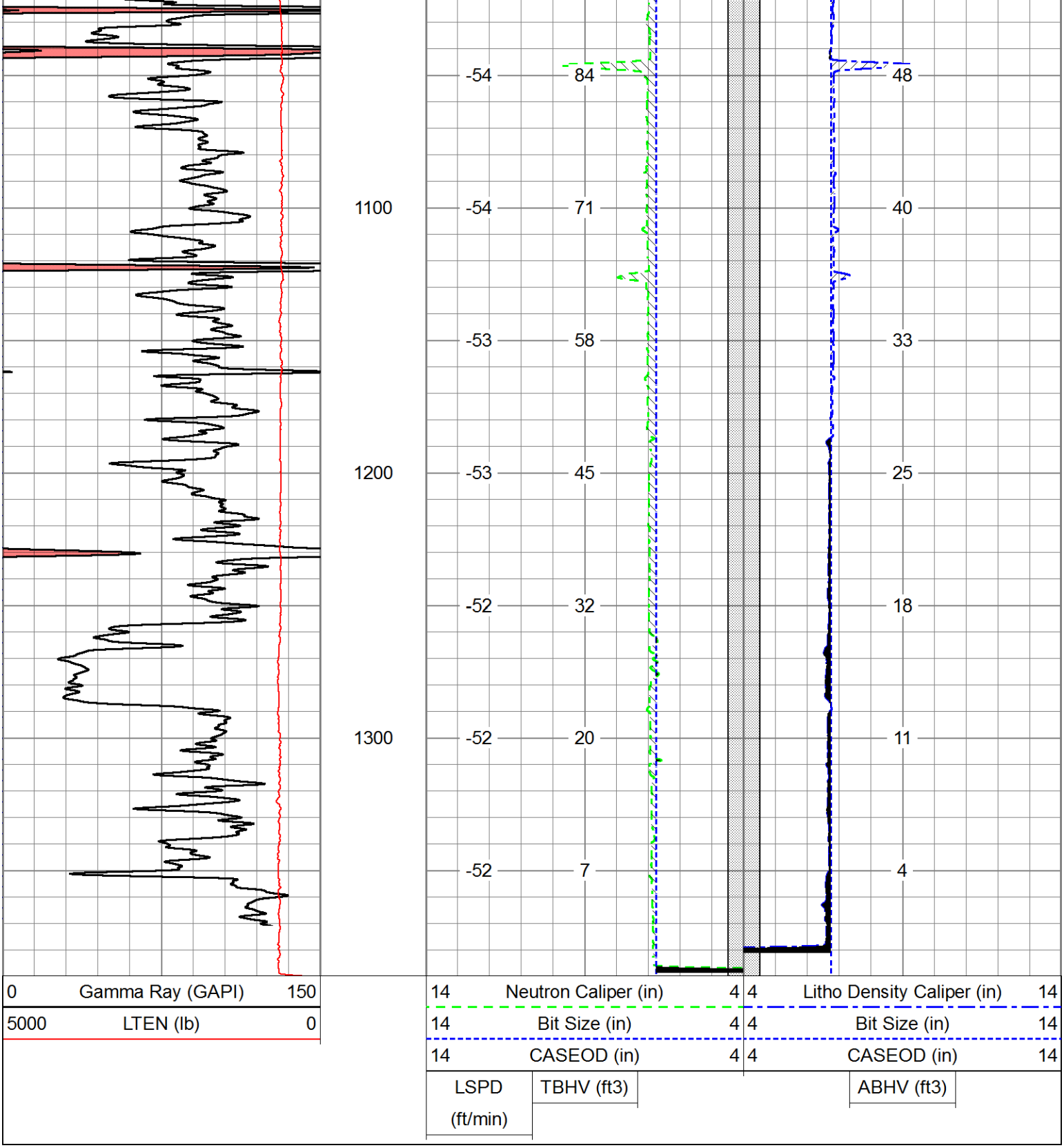
Database File	ow2-8837 colt energy.db
Dataset Pathname	CDL/pass2.2
Presentation Format	borehole1
Dataset Creation	Wed Jun 17 16:40:50 2015
Charted by	Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150	14	Neutron Caliper (in)	4	4	Litho Density Caliper (in)	14
5000	LTEN (lb)	0	14	Bit Size (in)	4	4	Bit Size (in)	14
			14	CASEOD (in)	4	4	CASEOD (in)	14

LSPD (ft/min) | TBHV (ft3) | ABHV (ft3)




500
-56
227
129
-56
213
122
600
-56
201
114
-56
188
107
700
-54
175
100
-54
162
93
800
-54
149
85
-54
136
77
900
-54
123
70
-54
110
63
1000
-54
98
56


1100
1200
1300
-54
84
48
-54
71
40
-53
58
33
-53
45
25
-52
32
18
-52
20
11
-52
7
4
0
Gamma Ray (GAPI)
150
5000
LTEN (lb)
0
14
Neutron Caliper (in)
4
4
Litho Density Caliper (in)
14
14
Bit Size (in)
4
4
Bit Size (in)
14
14
CASEOD (in)
4
4
CASEOD (in)
14
LSPD
(ft/min)
TBHV (ft3)
ABHV (ft3)

CONW1

CONSOLIDATED
Oil Well Services, LLC

REMIT TO

Consolidated Oil Well Services,LLC
Dept:970
P.O.Box 4346
Houston,TX 77210-4346

7/20 MAIN OFFICE

P.O.Box884
Chanute,KS 66720
620/431-9210,1-800/467-8676
Fax 620/431-0012

Invoice

Invoice# 804667

Invoice Date: 06/28/15

Terms: Net 30

Page 1

COLT ENERGY INC.

1112 RHODE ISLAND RD
IOLA KS 66749
USA

6203653111

lauber #34

15-207-29245

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	48.000	780.00
CE0002	Equipment Mileage Charge - Heavy Equipment	25.000	7.1500	48.000	92.95
CE0710	Cement Delivery Charge	1.000	660.0000	48.000	343.20
CC5861	ThixoBlend II	135.000	27.0000	48.000	1,895.40
CC5965	Bentonite	200.000	0.3000	48.000	31.20
CC6075	Celloflake	34.000	2.0000	48.000	35.36
CC6079	PhenoSeal Formica Flakes	135.000	1.3500	48.000	94.77
CP8178	4 1/2" Top Rubber Plug	1.000	75.0000	48.000	39.00

Subtotal	6,369.00
Discounted Amount	3,057.12
SubTotal After Discount	3,311.88

Amount Due 6,657.16 If paid after 07/28/15

Tax:	149.85
Total:	3,461.73

103000

D15012203

APPROVED JA 7/6/2015

JUL 2 RECD

CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

Invoice #804667 3180 3255

TICKET NUMBER 51045
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

15-207-29245

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-18-15	1828	Lauber # 34	23	26	14	Wo

CUSTOMER: Colt Energy Inc

MAILING ADDRESS: 1112 Rhode Island Rd Box 388

CITY: Iola | STATE: KS | ZIP CODE: 66749

TRUCK #	DRIVER	TRUCK #	DRIVER
712	FreMad		
495	HerBoe		
503	BruBir		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1392 CASING SIZE & WEIGHT @ 4 1/2" 10.5#/Ft
CASING DEPTH 1352' DRILL PIPE Baffle in TUBING 4 1/2 @ 1348' OTHER
SLURRY WEIGHT SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 4' + Plug
DISPLACEMENT 21 BBL DISPLACEMENT PSI MIX PSI RATE 5 BPM

REMARKS: Held Safety meeting. Establish circulation. Mix + Pump 200# Gel Flush. Mix + Pump 135 sks Thixo blend II A Cement 4/4 # Flo seal 1# Pheno Seal/sk. Flush pump + lines clean. Displace 4 1/2" Rubber plug to Baffle in Casing. Pressure to 600# PSI. Release pressure to set float valve. Circulated BBL Slurry to pit

King Drilling.
Customer Supplied Water.

Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE 495	1500.00	
CE0002	25mi	MILEAGE 495	178.75	
CE0710	Minimum	Ten Miles Delivery 503	660.00	
		Sub Total	2338.75	
		Less 48%	-1122.60	1216.15
4101 CC5861	135 sks	Thixo Blend II A	3645.00	
CC5965	200#	Bentonite Gel	60.00	
CC6075	34#	Flo Seal - Celloflake	68.00	
CC6079	135#	Pheno Seal	182.25	
CP8178	1	4 1/2" Rubber Plug	75.00	
		Sub Total	4030.25	
		Less 48%	-1934.52	2095.73
		7.15%	SALES TAX	149.85
Ravin 3737			ESTIMATED TOTAL	3461.73 (6657.16)

AUTHORIZTION [signature] TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools. Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.