Schlumberger

Company: **TexKan Exploration, LLC**

Well: **Sealy #1**
Field: **Wildcat**
County: **Kiowa** State: **Kansas**

County: Kiowa
Field: Wildcat
Location: 1280' FSL & 2310' FWL
Well: Sealy #1
Company: TexKan Exploration, LLC

Platform Express
Caliper Log
Cement Volume

LOCATION

1280' FSL & 2310' FWL

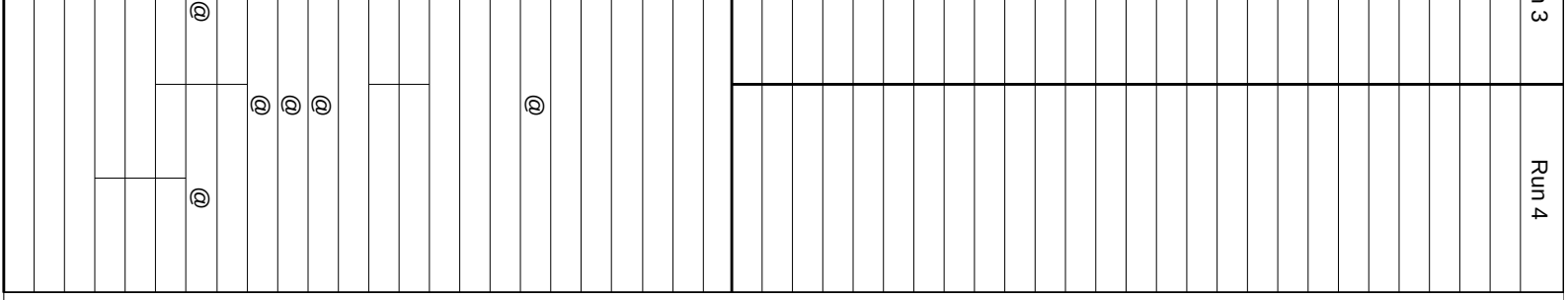
Elev.: K.B. 2184.00 ft
G.L. 2172.00 ft
D.F. 2182.00 ft

Permanent Datum: Ground Level Elev.: 2172.00 ft
Log Measured From: Kelly Bushing 12.00 ft above Perm. Datum
Drilling Measured From: Kelly Bushing

API Serial No.	Section	Township	Range
15−097−21696	25	30S	18W

	Run 1	Run 2	Run
Logging Date	8−Sep−2011		
Run Number	One		
Depth Driller	5414 ft		
Schlumberger Depth	5418 ft		
Bottom Log Interval	5418 ft		
Top Log Interval	1026 ft		
Casing Driller Size @ Depth	8.625 in @ 1026 ft	@	
Casing Schlumberger	1026 ft		
Bit Size	7.875 in		
Type Fluid In Hole	Water−Based Mud		
MUD Density / Viscosity	9.2 lbm/gal / 57 s		
MUD Fluid Loss / PH	9.2 cm3 / 10.5		
MUD Source Of Sample	Flowline		
RM @ Measured Temperature	0.460 ohm.m @ 75 degF	@	
RMF @ Measured Temperature	0.391 ohm.m @ 75 degF	@	
RMC @ Measured Temperature	0.644 ohm.m @ 75 degF	@	
Source RMF / RMC	Calculated / Calculated		
RM @ MRT / RMF @ MRT	0.296 @ 120 / 0.252 @ 120	@ / @	
Maximum Recorded Temperatures	120 degF		
Circulation Stopped / Time	7−Sep−2011 / 18:00		
Logger On Bottom / Time	8−Sep−2011 / 01:15		
Unit Number / Location	2367 / Elk City, OK		
Recorded By	Michael Oloyede		
Witnessed By	Mr. Bill Robinson		

	Run 1	Run 2	Run
Logging Date			
Run Number			
Depth Driller			
Schlumberger Depth			
Bottom Log Interval			
Top Log Interval			
Casing Driller Size @ Depth	@		
Casing Schlumberger			
Bit Size			
Type Fluid In Hole			
MUD Density / Viscosity			
MUD Fluid Loss / PH			
MUD Source Of Sample			
RM @ Measured Temperature	@		
RMF @ Measured Temperature	@		
RMC @ Measured Temperature	@		
Source RMF / RMC			
RM @ MRT / RMF @ MRT	@ / @		
Maximum Recorded Temperatures			
Circulation Stopped / Time			
Logger On Bottom / Time			
Unit Number / Location			
Recorded By			
Witnessed By			



DEPTH SUMMARY LISTING

Date Created: 8−SEP−2011 3:01:00

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW−B	Type:	CMTD−B/A	Type:	7−46A XS
Serial Number:	6911	Serial Number:	2576	Serial Number:	711104
Calibration Date:	2−Mar−2011	Calibration Date:	14−Aug−2011	Length:	30170 FT
Calibrator Serial Number:	33	Calibrator Serial Number:	1018		
Calibration Cable Type:	7−46A XS	Number of Calibration Points:	10	Conveyance Method:	Wireline
Wheel Correction 1:	−6	Calibration RMS:	13	Rig Type:	LAND
Wheel Correction 2:	−4	Calibration Peak Error:	26		

Depth Control Parameters

Log Sequence:	First Log In the Well
Rig Up Length At Surface:	196.50 FT
Rig Up Length At Bottom:	196.10 FT
Rig Up Length Correction:	0.40 FT
Stretch Correction:	2.00 FT
Tool Zero Check At Surface:	0.40 FT

Depth Control Remarks

1. All Schlumberger depth control policies and procedures followed.
2. IDW used as primary depth control device.
3. Z−chart used as secondary depth control measure.
4.
5.
6.

OTHER SERVICES1	OTHER SERVICES2
OS1: Triple Combo	OS1:
OS2: Array Induction	OS2:
OS3: Computed Microlog	OS3:
OS4: Cement−Hole volume	OS4:
OS5:	OS5:

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Toolstring ran as per tool sketch.	
Logs computed on a limestone matrix, MDEN = 2.71 g/cc.	
Main Pass acquired from TD to casing.	
Hi−resolution interval and Repeat Pass pulled 600' from TD.	
Cement and hole volume computed using density caliper(HCAL) with future casing diameter of 5.5 inches.	
Maximum recorded temperature obtained from head thermometers: 120 deg F.	
Nuclear data maybe affected by rugose borehole conditions; see caliper and HDRA(density correction curve)	

Induction repeatability affected by tight formation.

Caliper check in casing reads: 8.1 inches.

Thank you for choosing Schlumberger of Elk City!!! 580−225−4300

Your crew today were: Michael, Buddy & Larry.

RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		18C0−147	PROGRAM VERSION:		
FLUID LEVEL:		0 ft	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

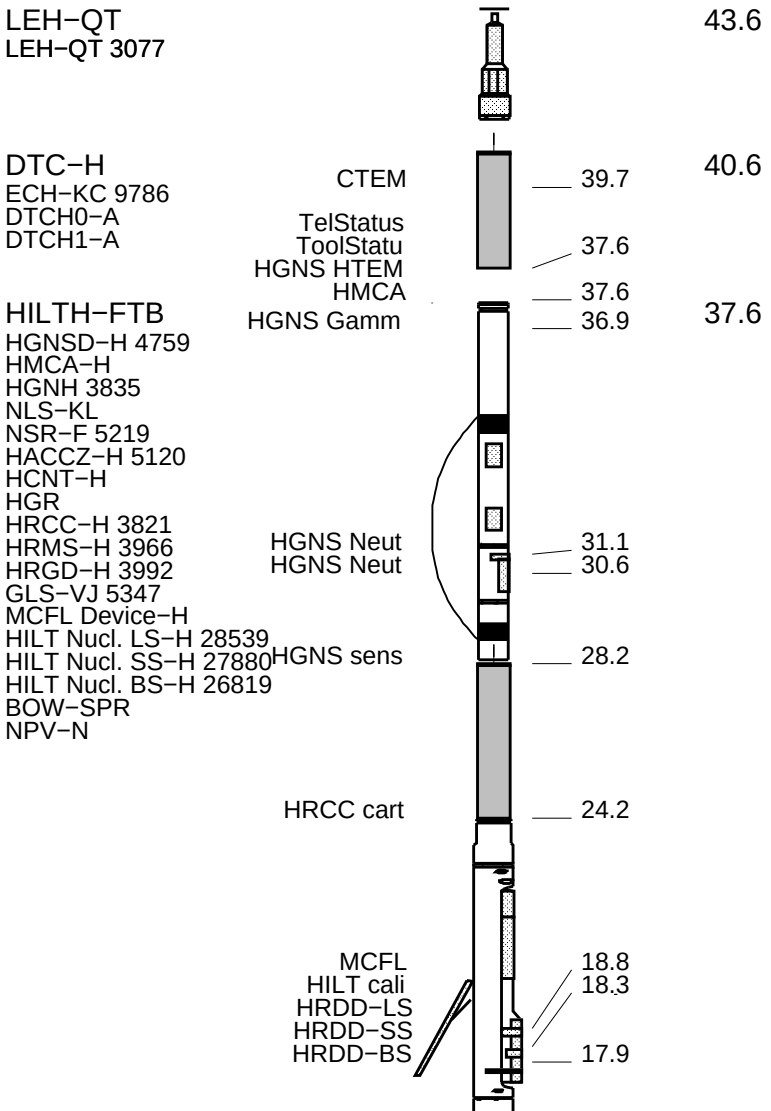
EQUIPMENT DESCRIPTION

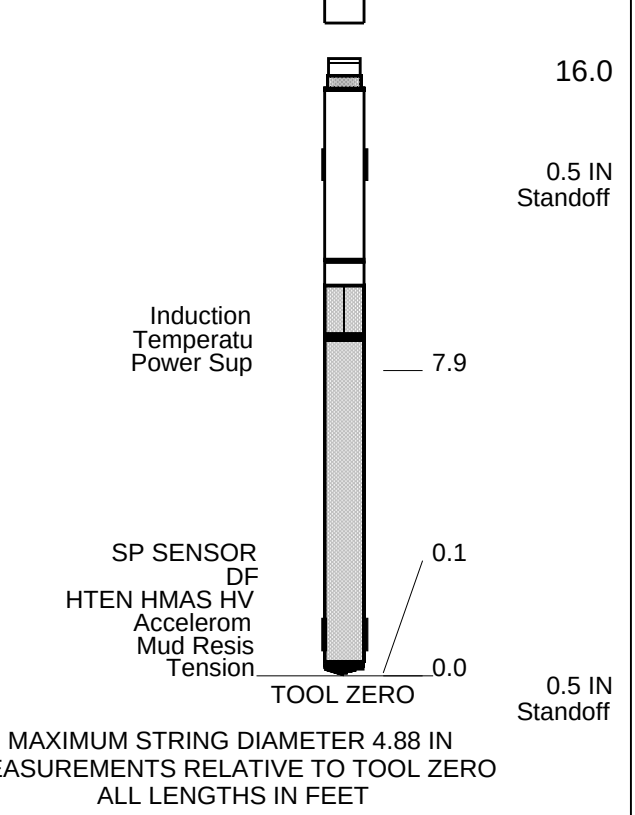
RUN 1 RUN 2

SURFACE EQUIPMENT

GSR−U 681
NCT−B
CNB−AB
NCS−VB
WITM (DTS)−A

DOWNHOLE EQUIPMENT





Client: TexKan Exploration, LLC
Well: Sealy #1
Field: Wildcat
State: Kansas
Country: USA

Drawing Date: 9/8/2011
API #: 15−097−21696

Rig Name: Southwind #70
Reference Datum: Ground Level
Elevation: 2172.0 ft

Production String	(in) OD	(in) ID	(ft) MD	Well Schematic	(ft) MD	(in) OD	(in) ID	Casing String
					0.0	8.625	8.097	Casing String
					1026.0	8.625	8.097	Casing Shoe
					1026.0	7.875		Borehole Segment

							5414.0	7.875	Borehole Segment Bottom

All depths are driller's depths.

Schlumberger

Main Pass 2" = 100'
Hole & Cement Volume

MAXIS Field Log

Output DLIS Files

DEFAULT **AIT_TLD_MCFL_CNL_012LUP** **FN:11** **PRODUCER** **08−Sep−2011 01:59**

OP System Version: 18C0−147

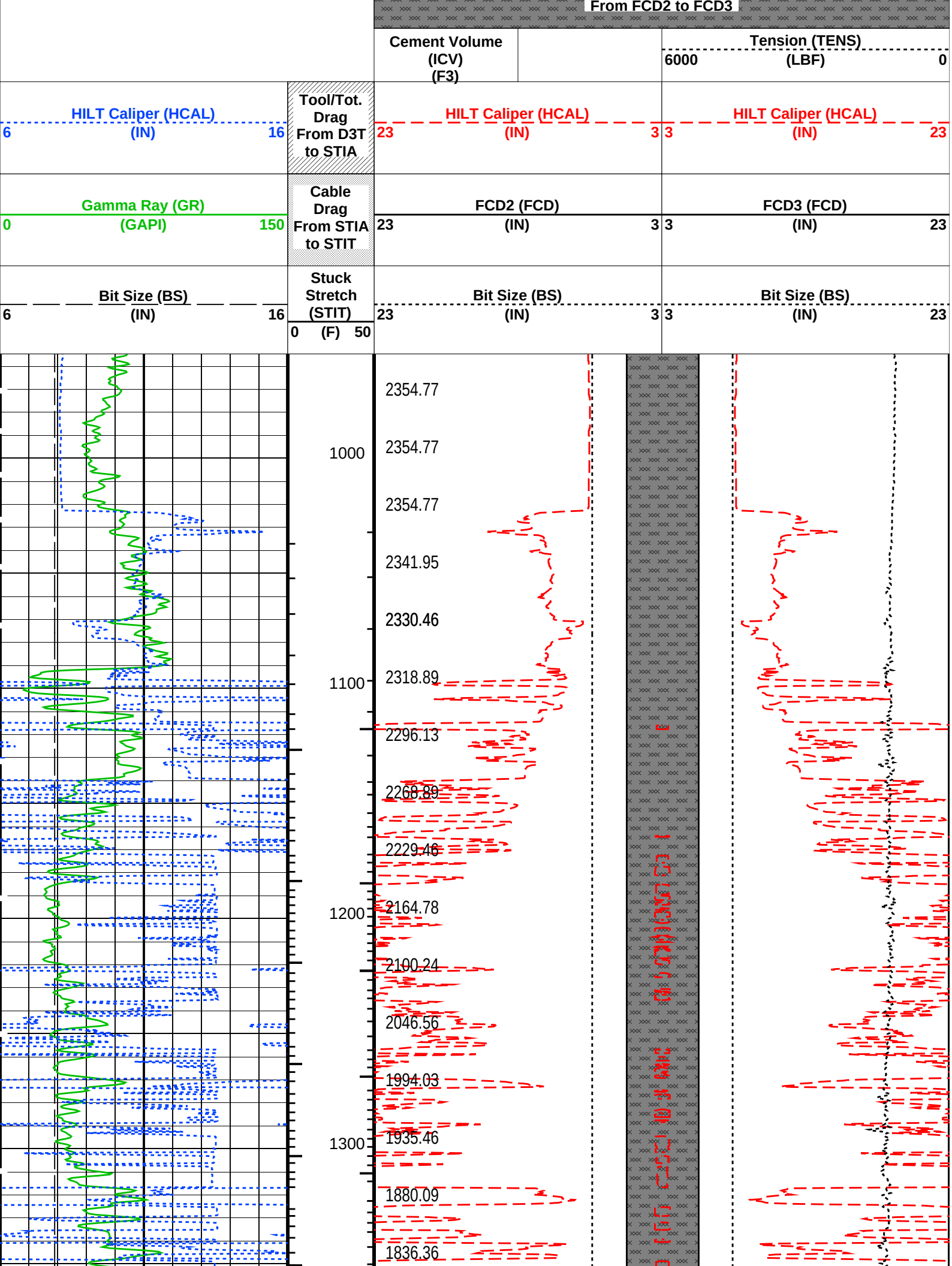
AIT−M	**18C0−147**	**HILTH−FTB**	**18C0−147**
DTC−H	**18C0−147**		

PIP SUMMARY

Integrated Hole Volume Minor Pip Every 10 F3
Integrated Hole Volume Major Pip Every 100 F3
Integrated Cement Volume Minor Pip Every 10 F3
Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

FCD2 − FCD3


From FCD2 to FCD3
Cement Volume (ICV) (F3)
Tension (TENS)
6000 (LBF) 0
HILT Caliper (HCAL)
6 (IN) 16
Tool/Tot. Drag From D3T to STIA
HILT Caliper (HCAL)
23 (IN) 3
HILT Caliper (HCAL)
3 (IN) 23
Gamma Ray (GR)
0 (GAPI) 150
Cable Drag From STIA to STIT
FCD2 (FCD)
23 (IN) 3
FCD3 (FCD)
3 (IN) 23
Bit Size (BS)
6 (IN) 16
Stuck Stretch (STIT)
0 (F) 50
Bit Size (BS)
23 (IN) 3
Bit Size (BS)
3 (IN) 23
2354.77
2354.77
2354.77
2341.95
2330.46
2318.89
2296.13
2268.89
2229.46
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2100.24
2046.56
1994.03
1935.46
1880.09
1836.36
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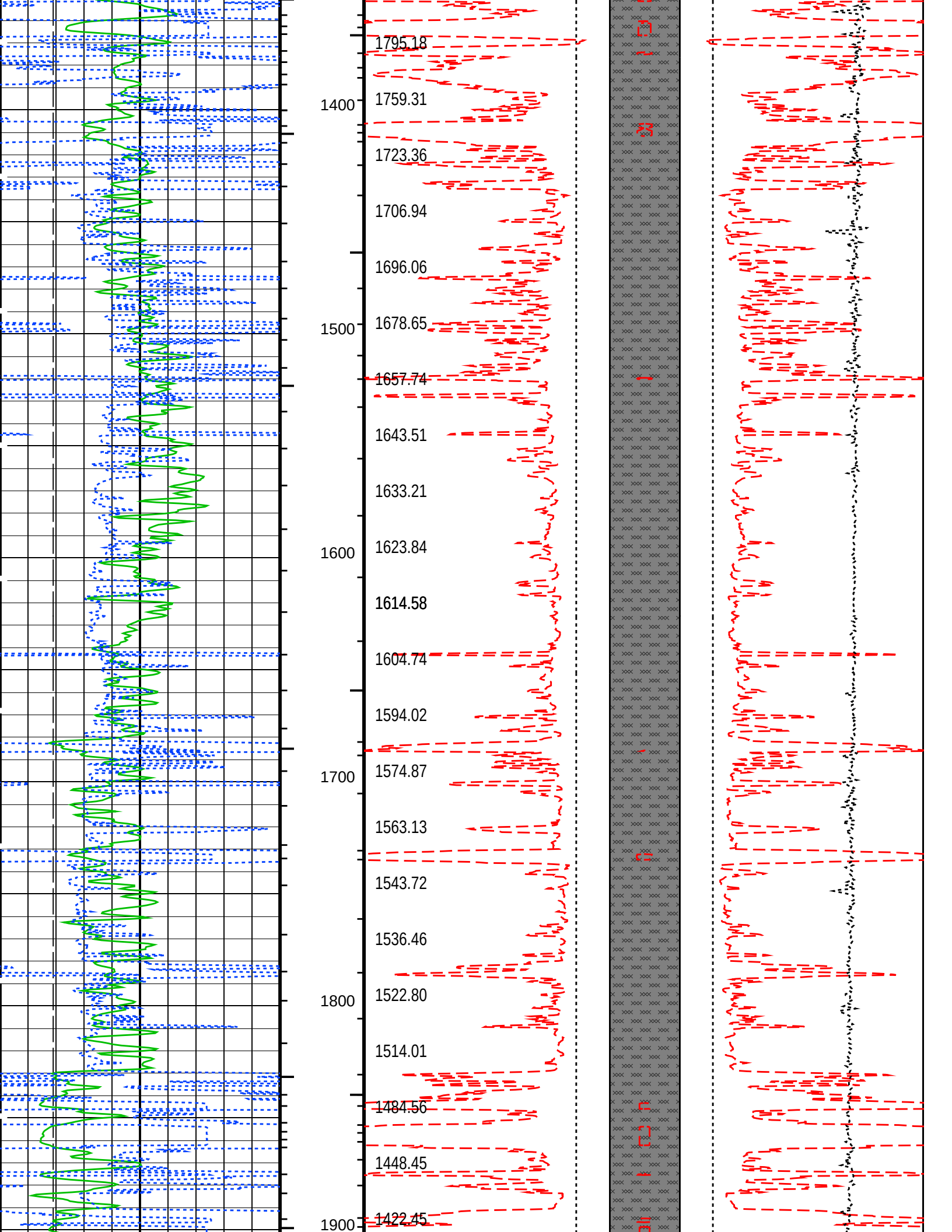
1100
1200
1300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1759.31
1400
1723.36
1706.94
1696.06
1678.65
1500
1657.74
1643.51
1633.21
1623.84
1600
1614.58
1604.74
1594.02
1700
1574.87
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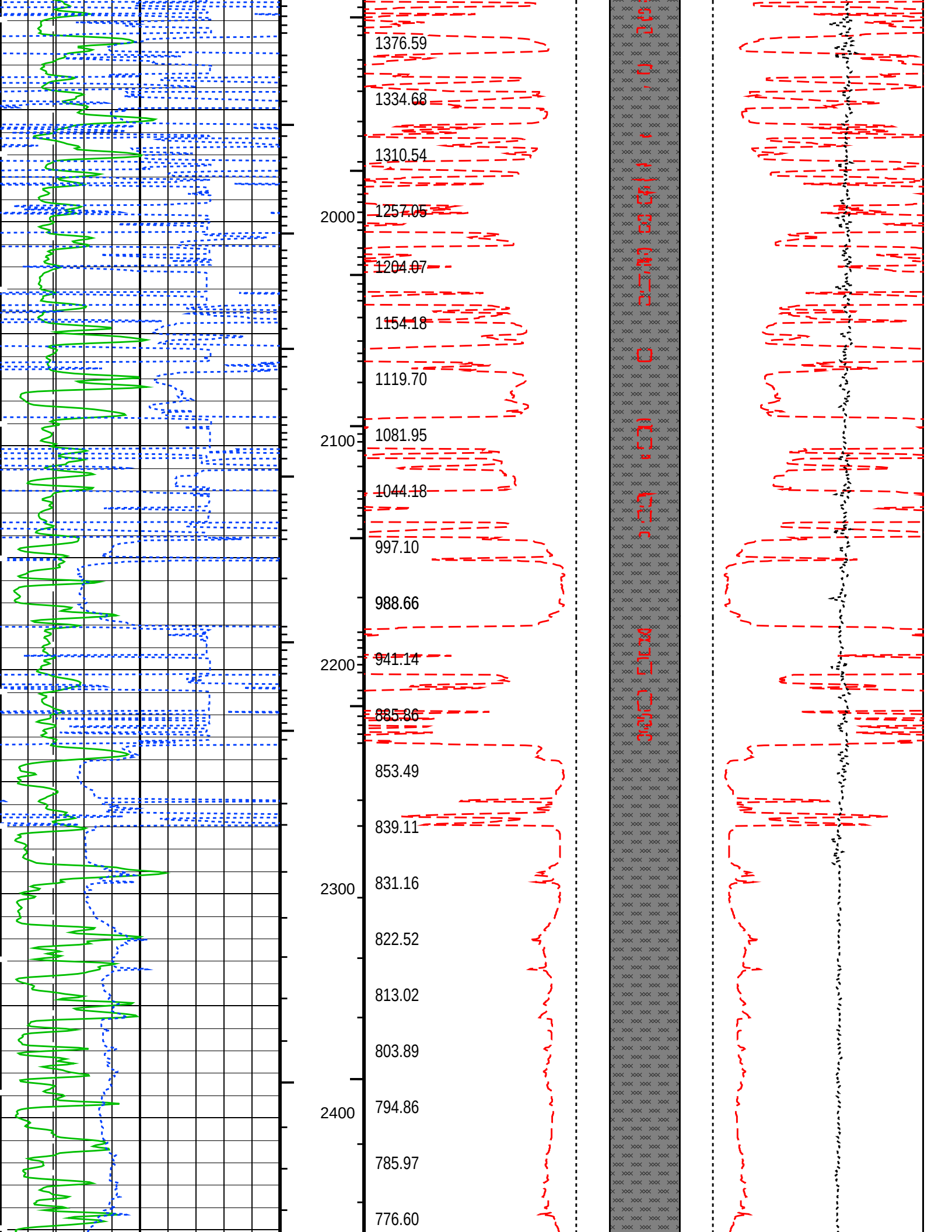
1543.72
1536.46
1800
1522.80
1514.01
1484.56
1448.45
1900
1422.45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1257.05
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988.66
2200
941.14
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2300
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803.89
2400
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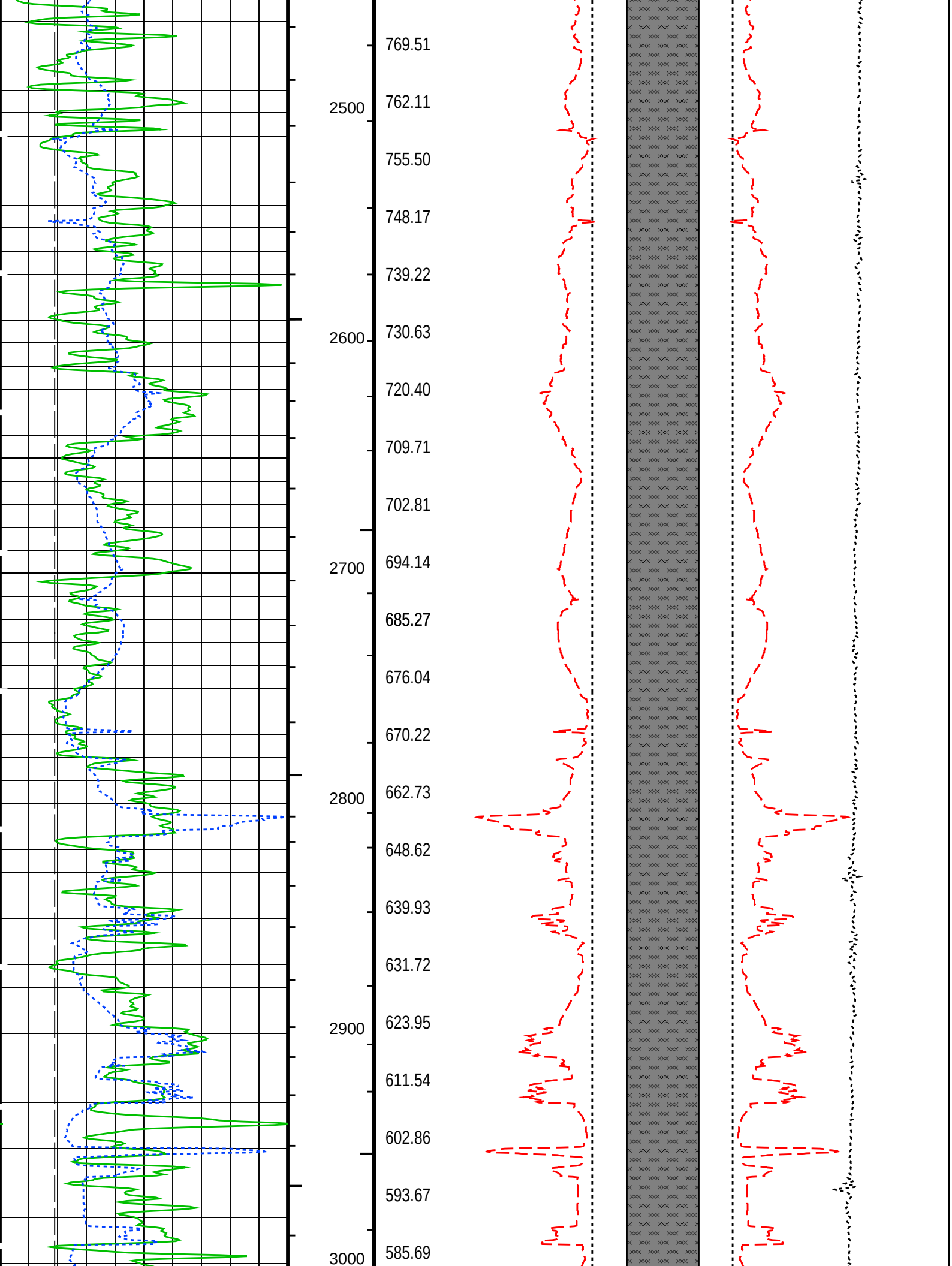
776.60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702.81
694.14
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662.73
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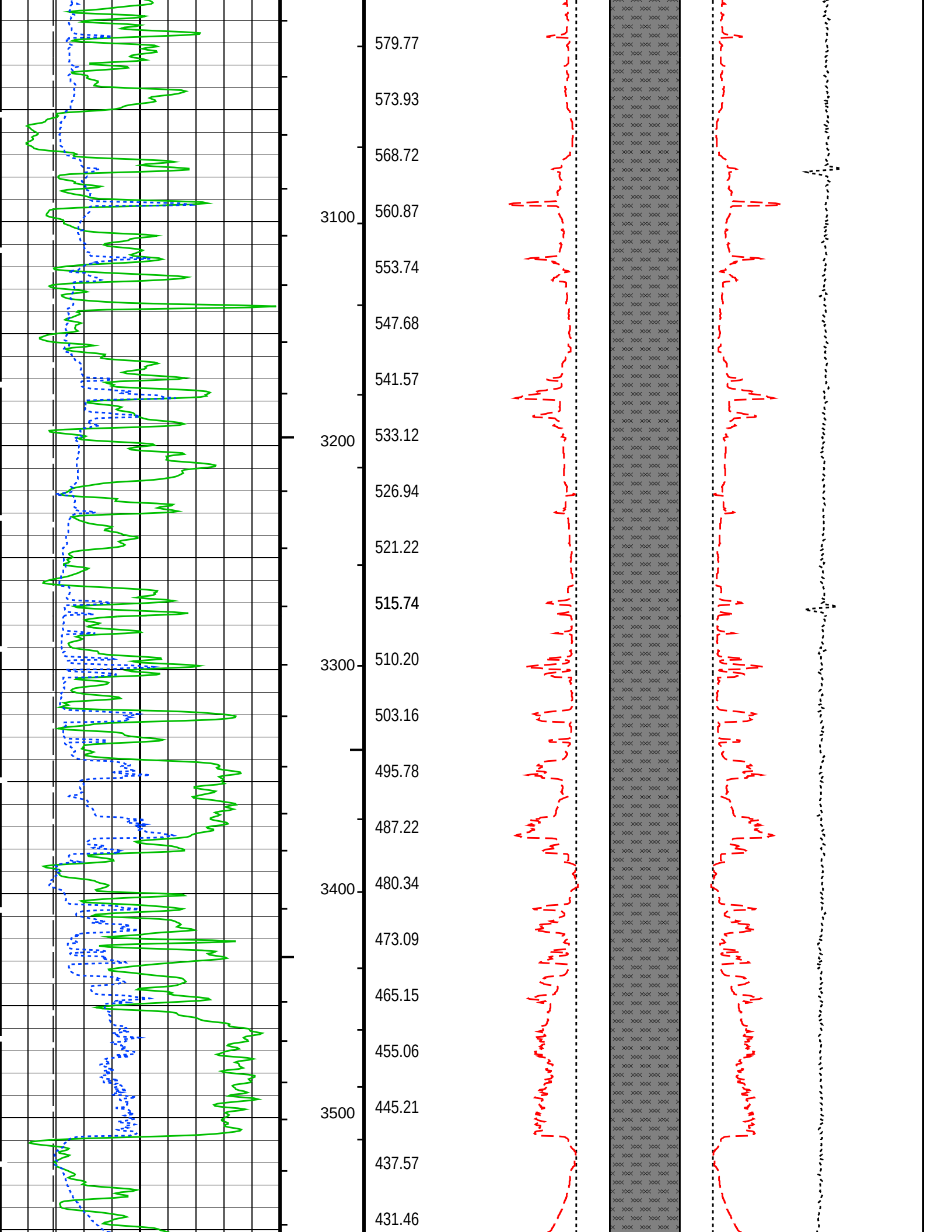
602.86
593.67
585.69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3300
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3400
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455.06
3500
445.21
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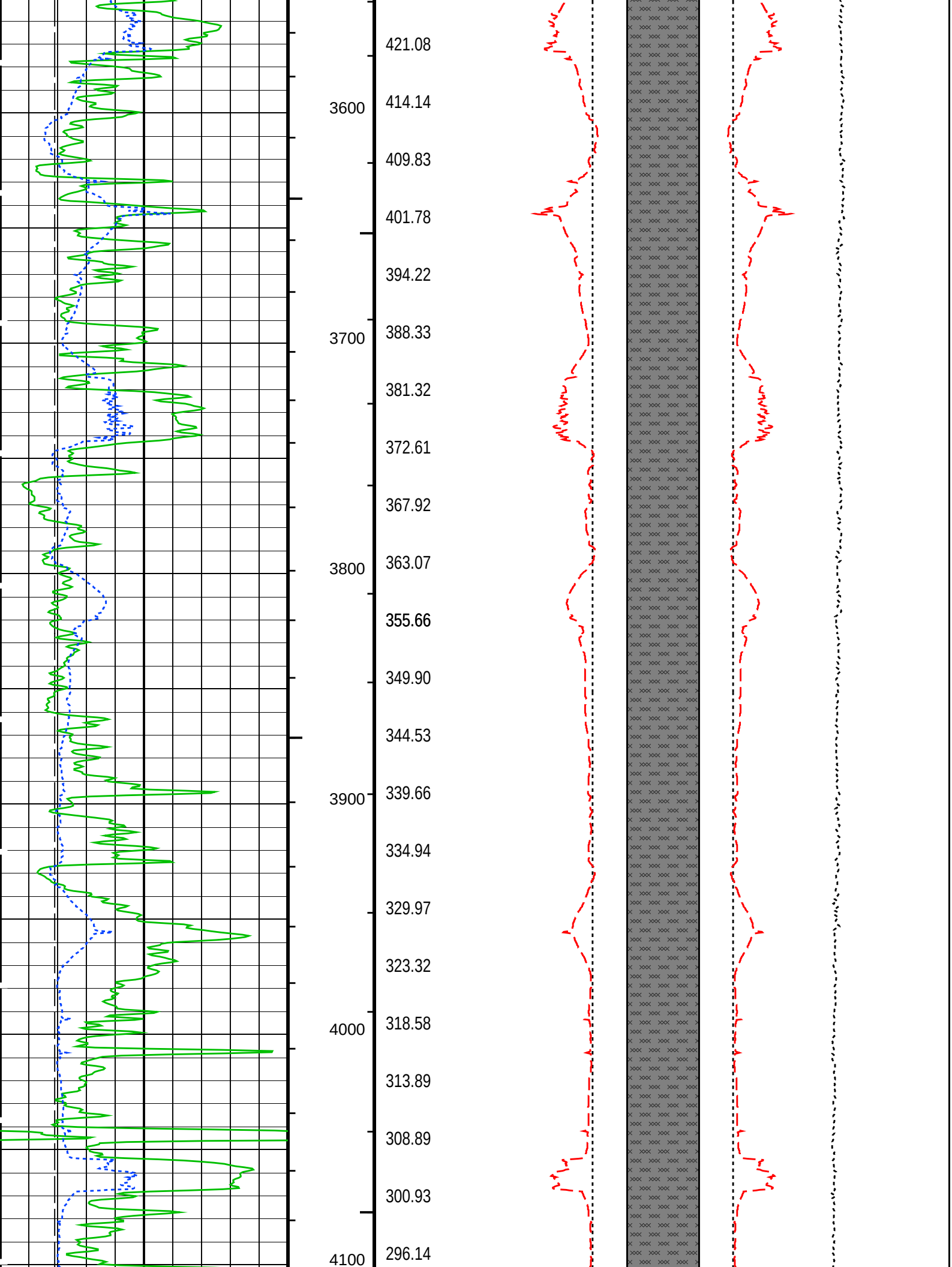
431.46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3800
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355.66
349.90
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313.89
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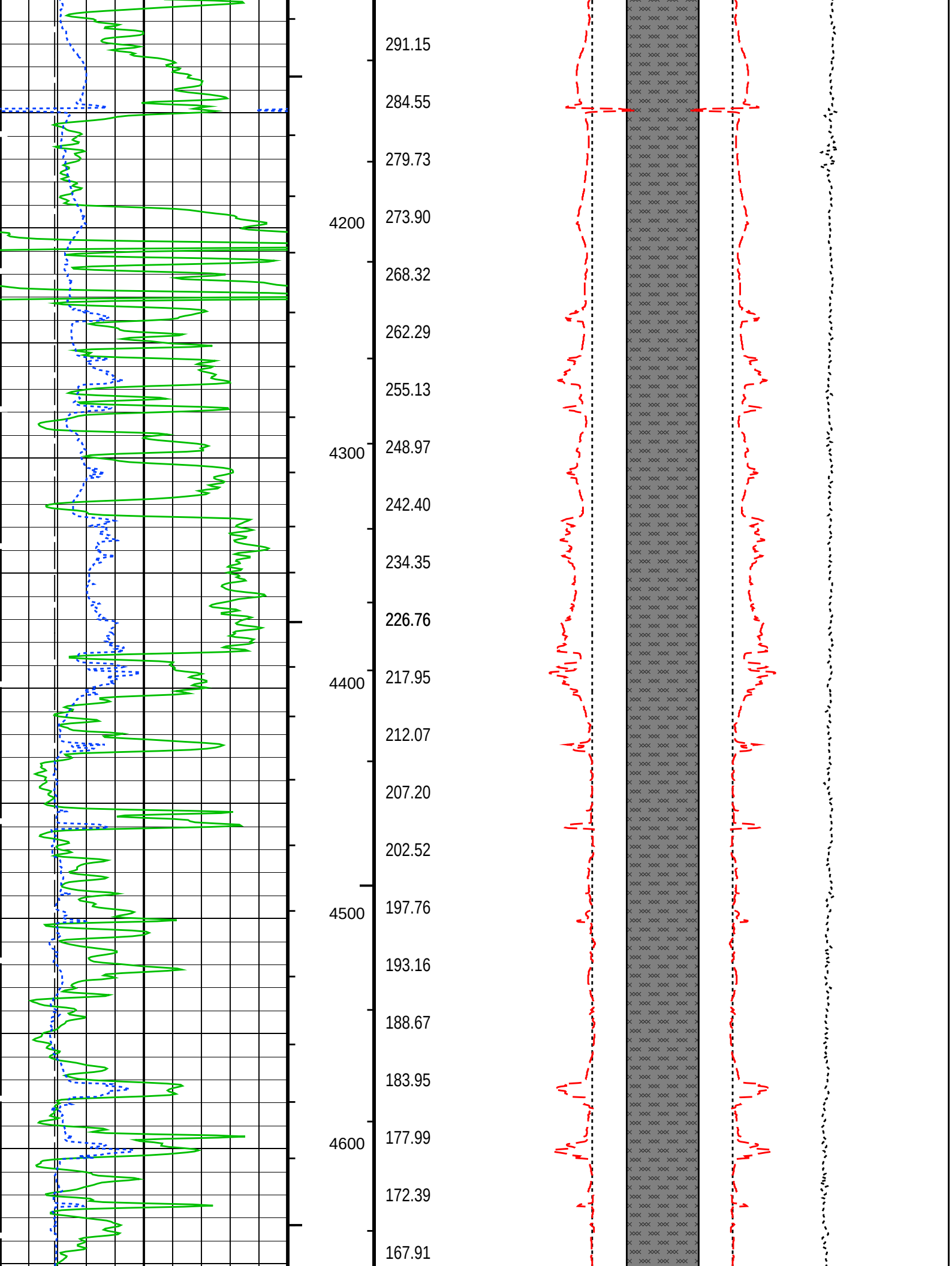
300.93
4100
296.14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242.40
234.35
226.76
4400
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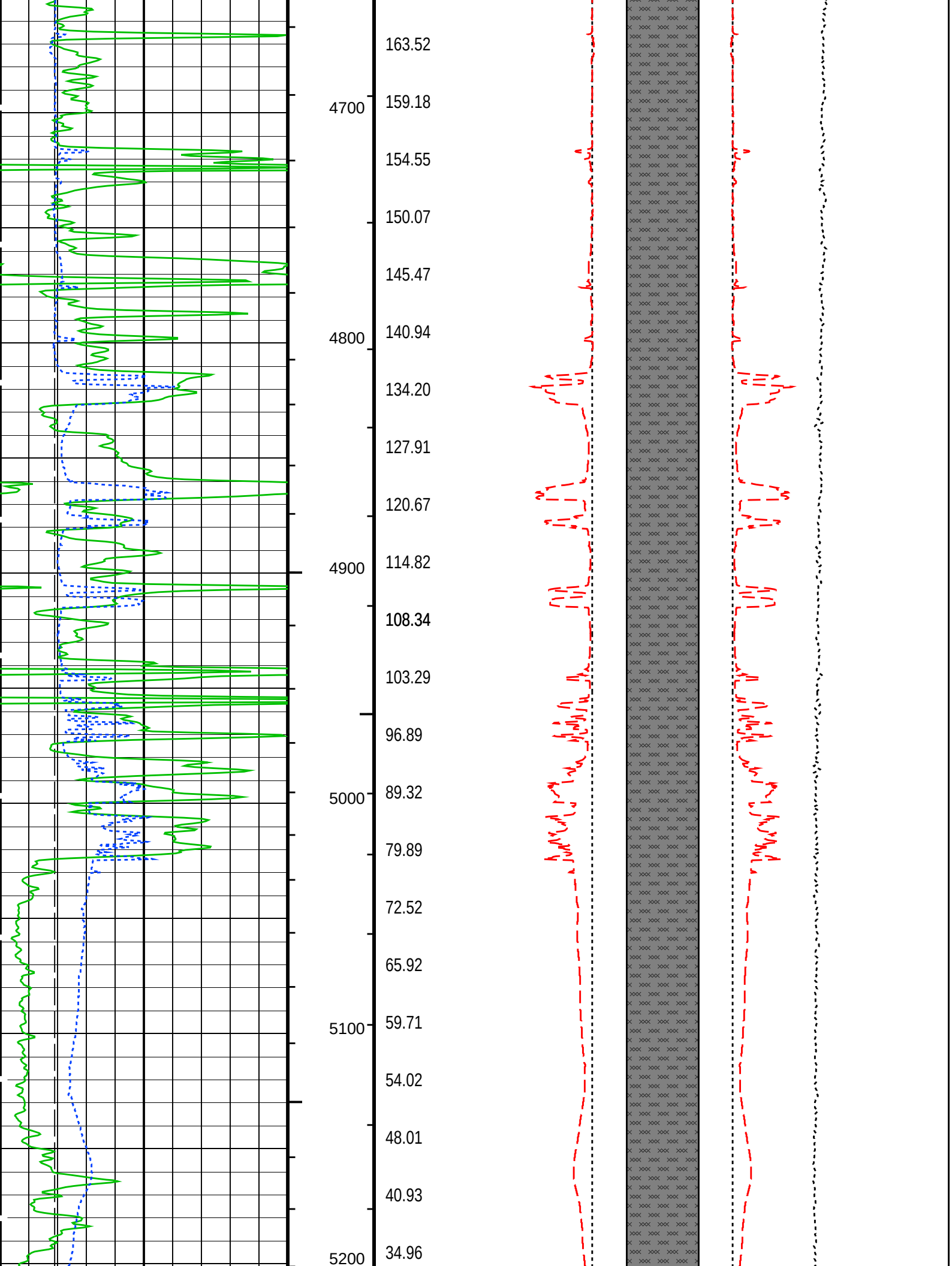
183.95
4600
177.99
172.39
167.91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120.67
4900
114.82
108.34
103.29
96.89
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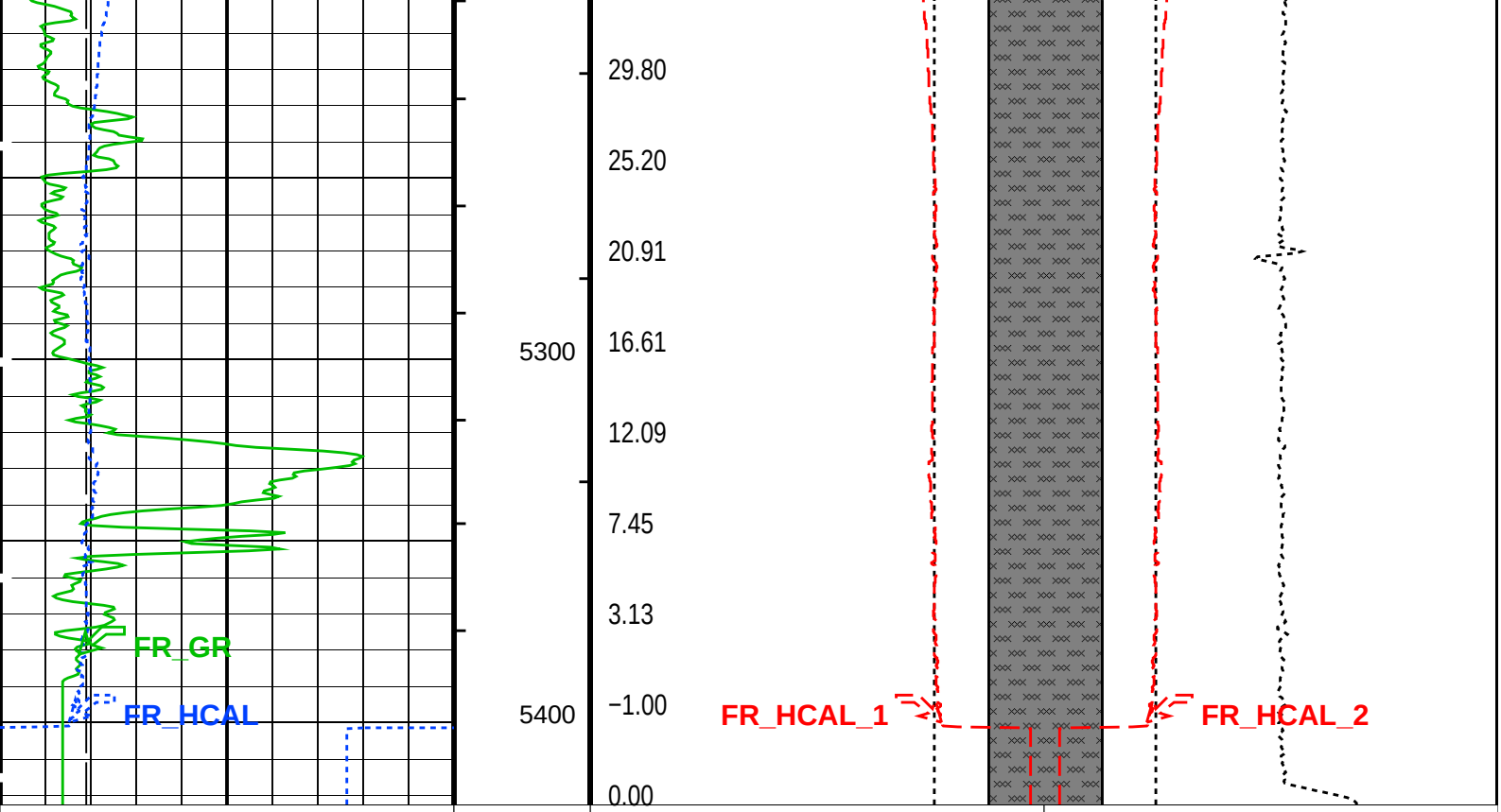
79.89
72.52
65.92
5100
59.71
54.02
48.01
40.93
5200
34.96



Bit Size (BS) 6 (IN) 16	Stuck Stretch (STIT) 0 (F) 50	Bit Size (BS) 23 (IN) 3
Bit Size (BS) 3 (IN) 23		
Gamma Ray (GR) 0 (GAPI) 150	Cable Drag From STIA to STIT	FCD2 (FCD) 23 (IN) 3
FCD3 (FCD) 3 (IN) 23		
HILT Caliper (HCAL) 6 (IN) 16	Tool/Tot. Drag From D3T to STIA	HILT Caliper (HCAL) 23 (IN) 3
HILT Caliper (HCAL) 3 (IN) 23		
Cement Volume (ICV) (F3)		Tension (TENS) 6000 (LBF) 0
FCD2 − FCD3 From FCD2 to FCD3		

PIP SUMMARY

- Integrated Hole Volume Minor Pip Every 10 F3
- Integrated Hole Volume Major Pip Every 100 F3
- Integrated Cement Volume Minor Pip Every 10 F3
- Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	STI: Stuck Tool Indicator		
LBFR	Trigger for MAXIS First Reading Label	TDL	
STKT	STI Stuck Threshold	2.5	FT
TDD	Total Depth − Driller	5414.00	FT
TDL	Total Depth − Logger	5418.00	FT
	HOLEV: Integrated Hole/Cement Volume		
FCD	Future Casing (Outer) Diameter	5.5	IN
HVCS	Integrated Hole Volume Caliper Selection	AUTOMATIC	
	System and Miscellaneous		
BS	Bit Size	7.875	IN
DORL	Depth Offset for Repeat Analysis	0.0	FT
TD	Total Depth	5418	FT

TD	Total Depth	5418	FT

Format: G_DCAL_FORMAT **Vertical Scale: 2" per 100'** **Graphics File Created: 08−Sep−2011 01:59**

OP System Version: 18C0−147

AIT−M	**18C0−147**	**HILTH−FTB**	**18C0−147**
DTC−H	**18C0−147**		

Output DLIS Files

DEFAULT	**AIT_TLD_MCFL_CNL_012LUP**	**FN:11**	**PRODUCER**	**08−Sep−2011 01:59**

Company: **TexKan Exploration, LLC**

Schlumberger

Well: **Sealy #1**
Field: **Wildcat**
County: **Kiowa**
State: **Kansas**

Platform Express
Caliper Log
Cement Volume