

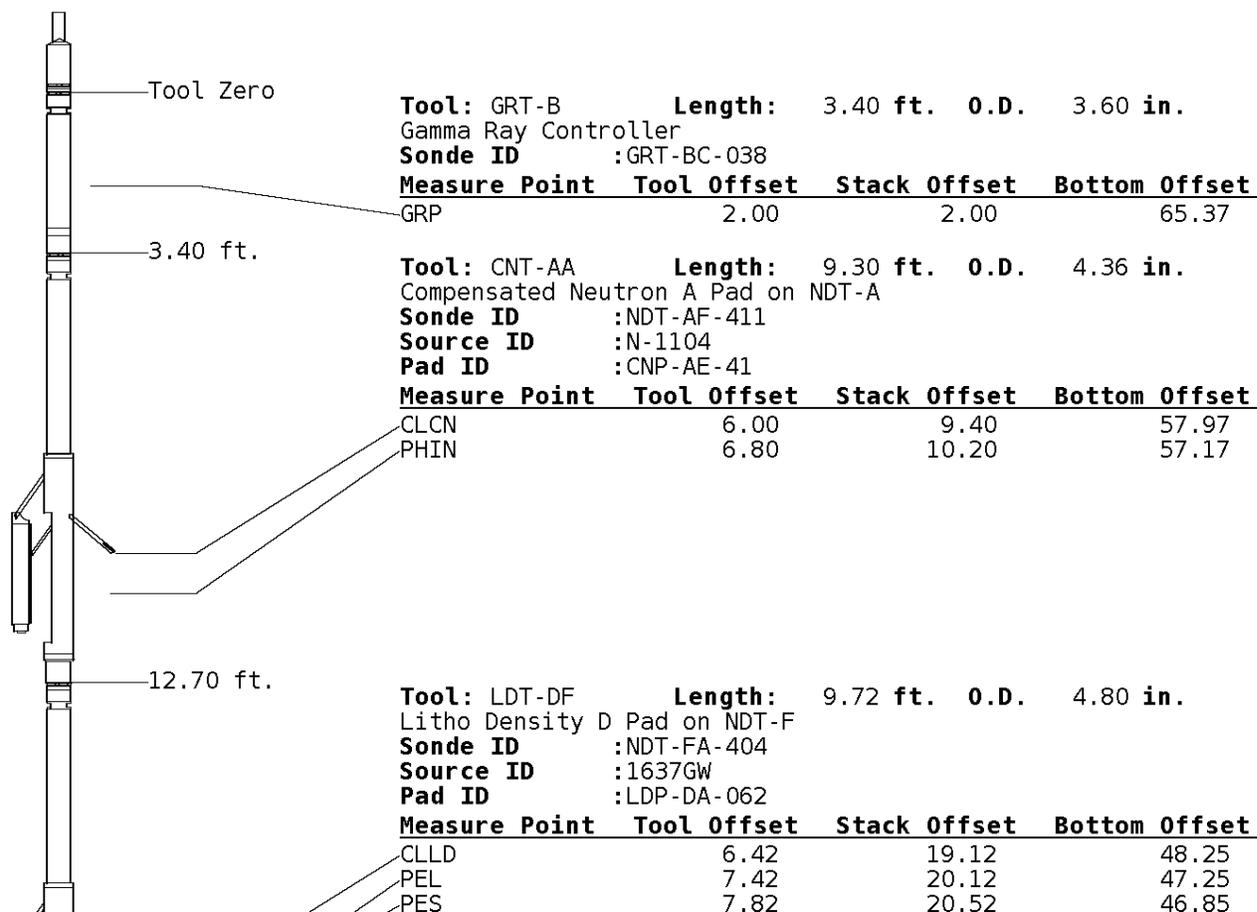
ALL PRESENTATIONS AS PER CUSTOMER REQUEST
 GRT, CNT, LDT, CST, MLT AND PIT RUN IN COMBINATION
 CALIPERS ORIENTED ON X-Y AXIS
 2.71 G/CC USED TO CALCULATE POROSITY
 ANNULAR HOLE VOLUME CALCULATED USING 5.5" PRODUCTION CASING
 PHIN IS CALIPER CORRECTED

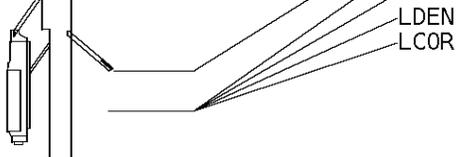
GRT: GRP
 CNT: PHIN, CLCNIN,
 LDT: PORL, LCORN, PECLN, LDENN, PORLLS, CLLDIN
 CST: PORS, CDTF, TTIPF, TT2PF, TT3PF, TT4PF, ITT
 MLT: NOR_RF, INV_RF, MSCLPIN
 PIT: ILD, ILM, SPU, SFLAEC, CIRD

OPERATORS:
 D. RAGSDALE
 J. VAUGHN
 D.LEGLEITER
 Z.AL SUDANI

Tool String Schematic

Total Tool Length - 67.37 ft.
Maximum Outside diameter - 6.00 in.
Net Weight in Air - 1171.00 lbs.



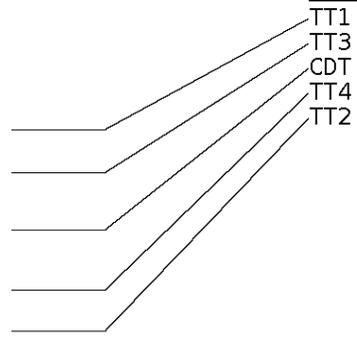


7.62 20.32 47.05
 7.62 20.32 47.05

22.42 ft.

Tool: CST-AD **Length:** 13.80 ft. **O.D.** 3.60 in.
 Open Hole Sonic
Sonde ID :CST-AB-21

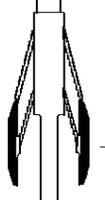
Measure Point	Tool Offset	Stack Offset	Bottom Offset
TT1	4.80	27.22	40.15
TT3	5.80	28.22	39.15
CDT	7.30	29.72	37.65
TT4	8.80	31.22	36.15
TT2	9.80	32.22	35.15



36.22 ft.

Tool: MST-DA **Length:** 9.66 ft. **O.D.** 6.00 in.
 Micro Spherically Focused (IC,D)
Sonde ID :MST-DA-36

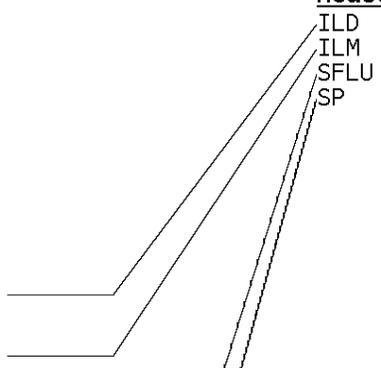
Measure Point	Tool Offset	Stack Offset	Bottom Offset
MSFL	7.60	43.82	23.55
MSCLP	7.60	43.82	23.55
INV	7.60	43.82	23.55
NOR	7.60	43.82	23.55



45.88 ft.

Tool: PIT-CA **Length:** 21.49 ft. **O.D.** 3.62 in.
 Phased Dual Induction w/ RM & D
Sonde ID :PIT-AC-043

Measure Point	Tool Offset	Stack Offset	Bottom Offset
ILD	8.92	54.80	12.56
ILM	10.10	55.98	11.39
SFLU	17.49	63.37	4.00
SP	20.60	66.48	0.88



LWT 67.37 ft.

Well File: MERIT CORA 1-16 FEB-28_QST

Scale: 1:600 Format: DIL-600

Segment: V1.D1.S5 Reprocess MAIN

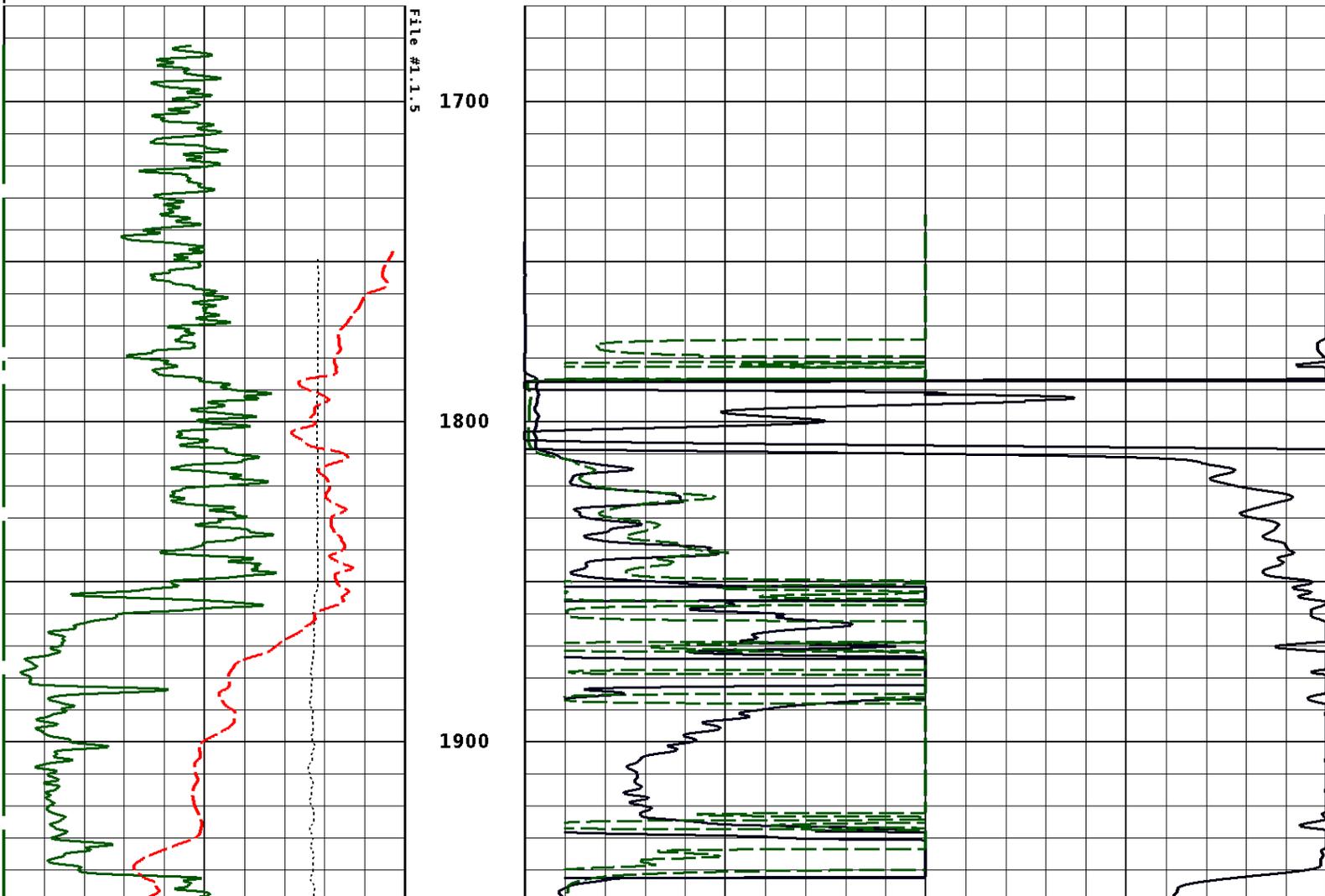
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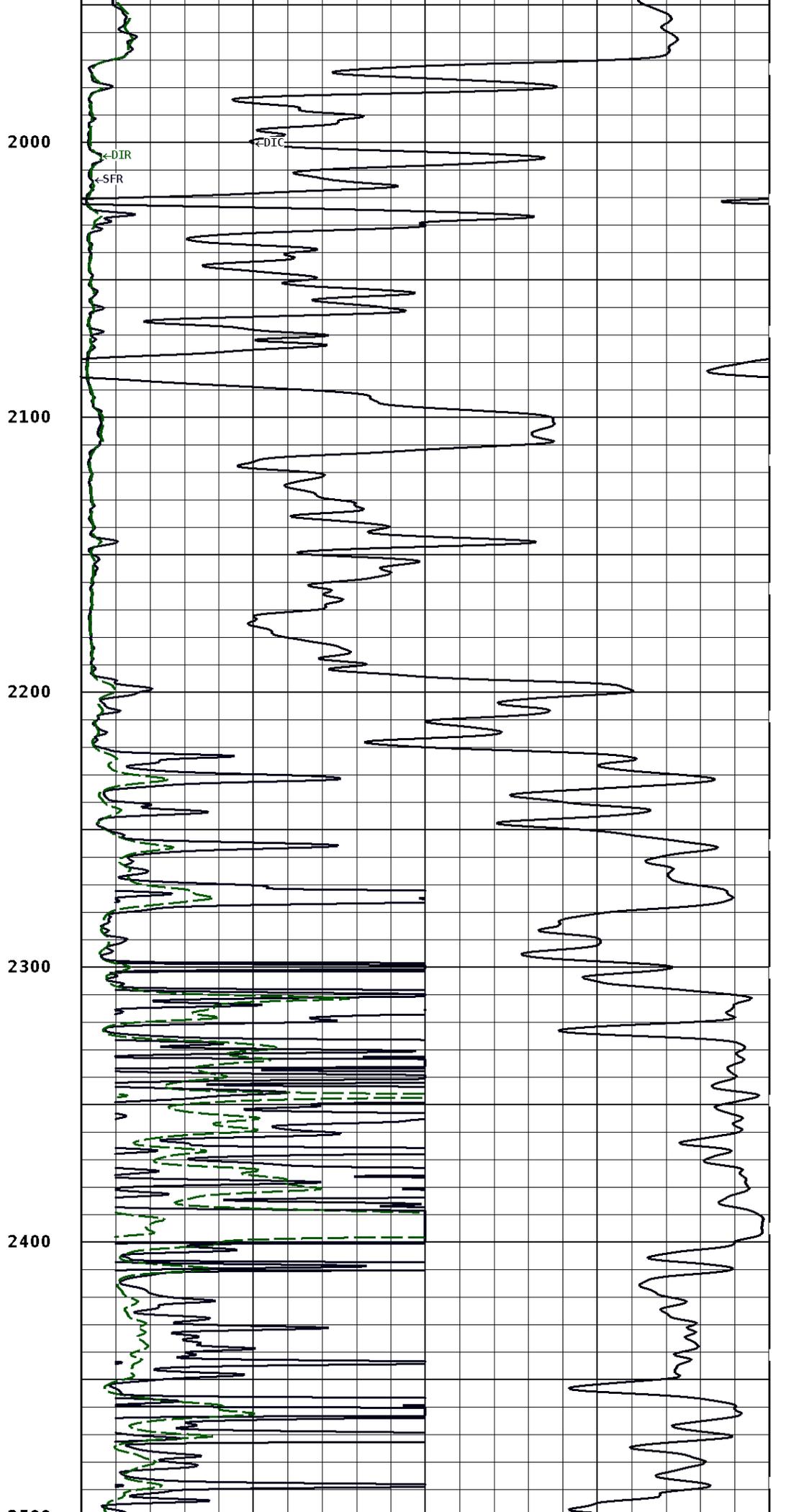
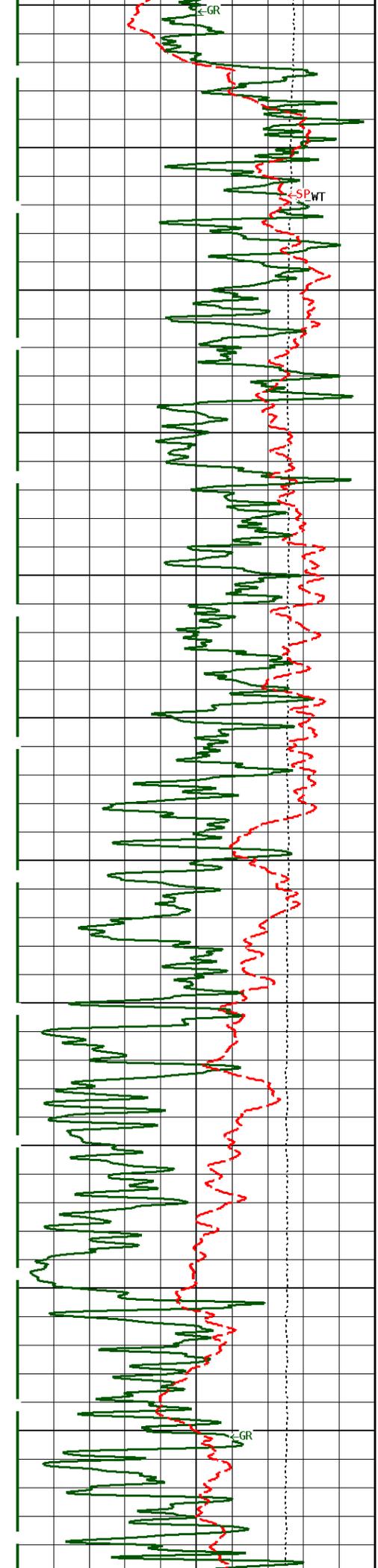
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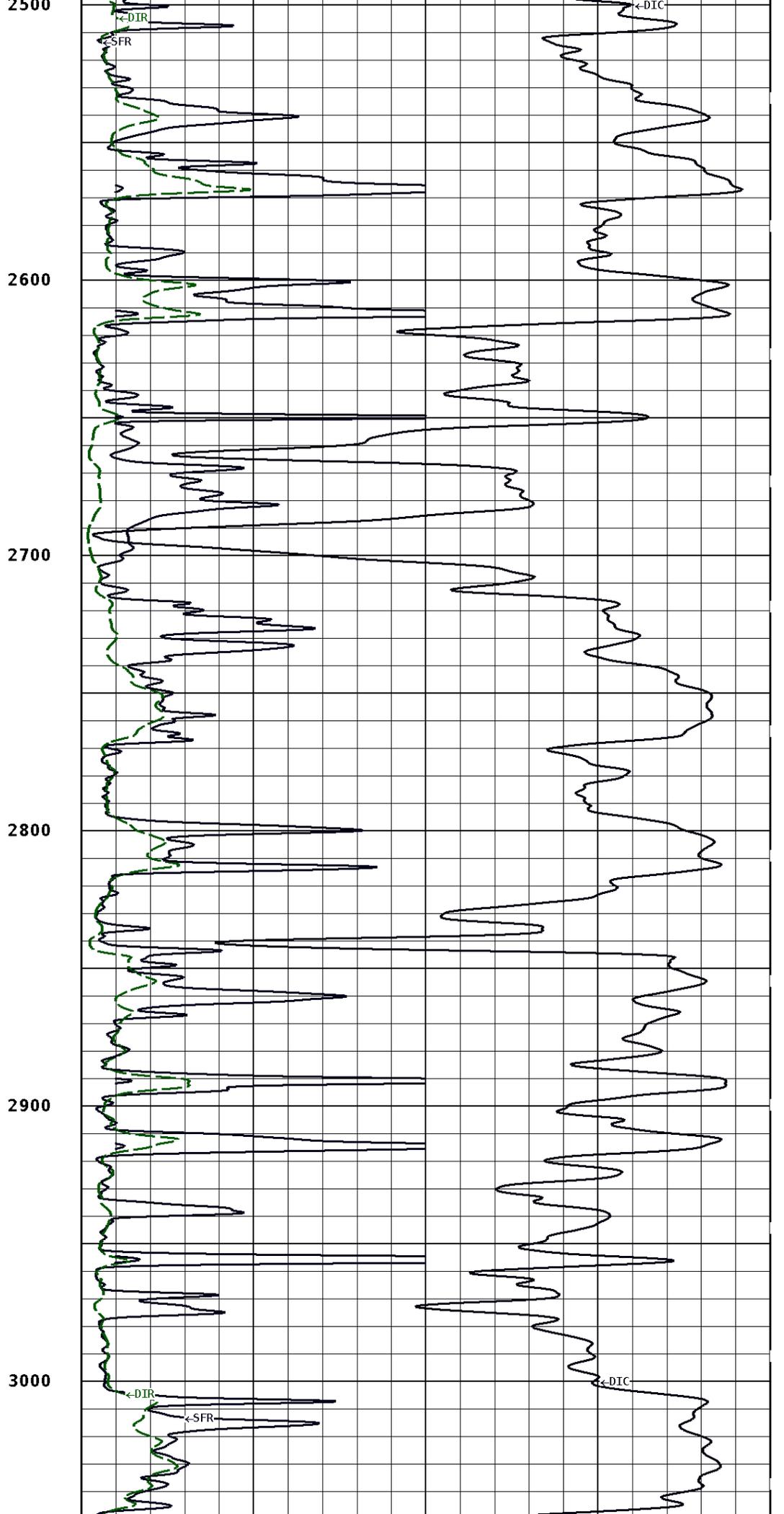
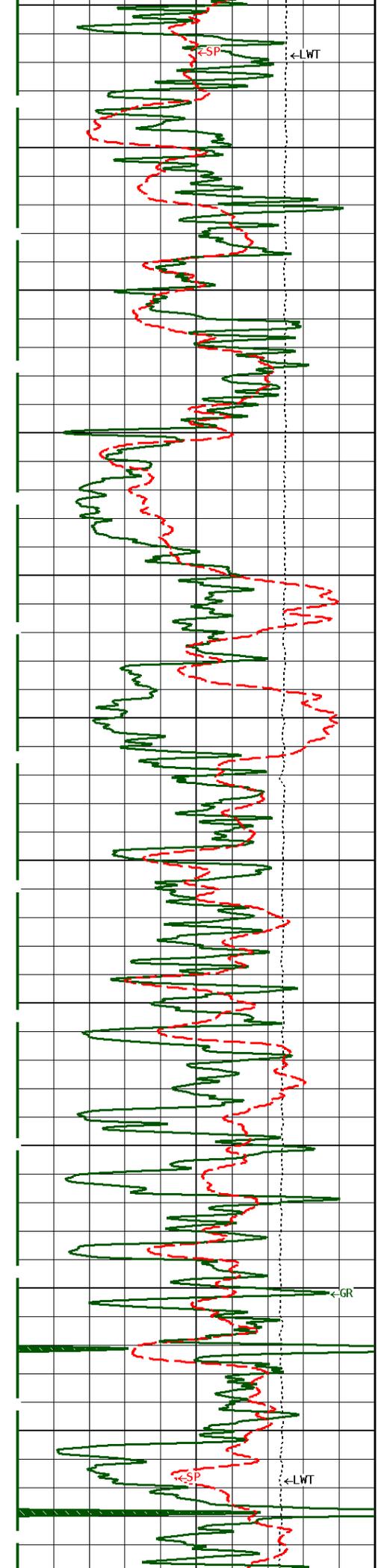
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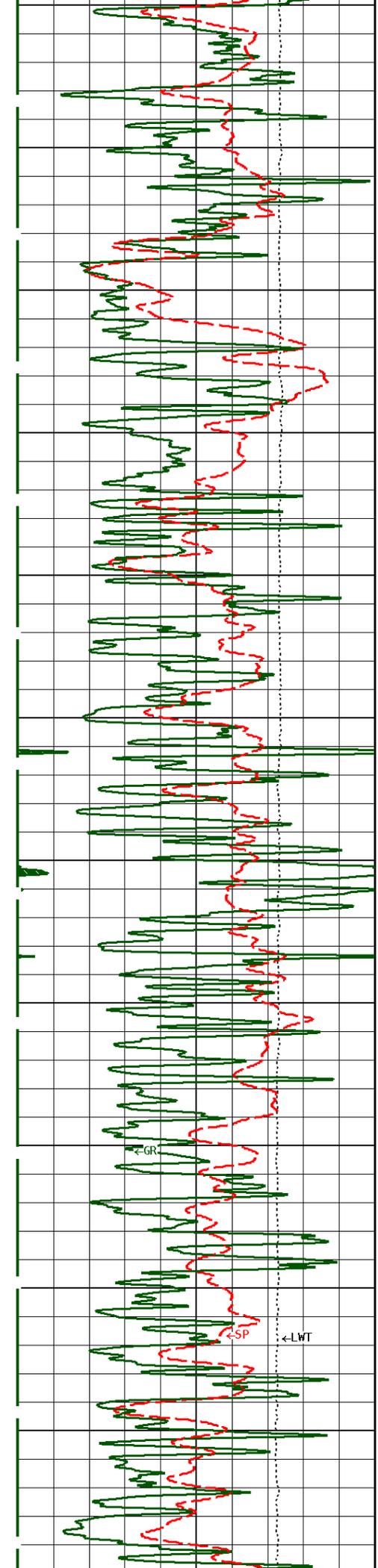
TENSION LBS 10000 0	DEEP INDUCTION OHMM 0.0 500.0 0.0 50.0
SPONTANEOUS POTENTIAL mV → ← 20	SHALLOW FOCUSED RESISTIVITY OHMM 0.0 500.0 0.0 50.0
GAMMA RAY API UNITS 150 300 0 150	DEEP CONDUCTIVITY MMHO 2000 1000 1000 0

1:600 MAIN SECTION









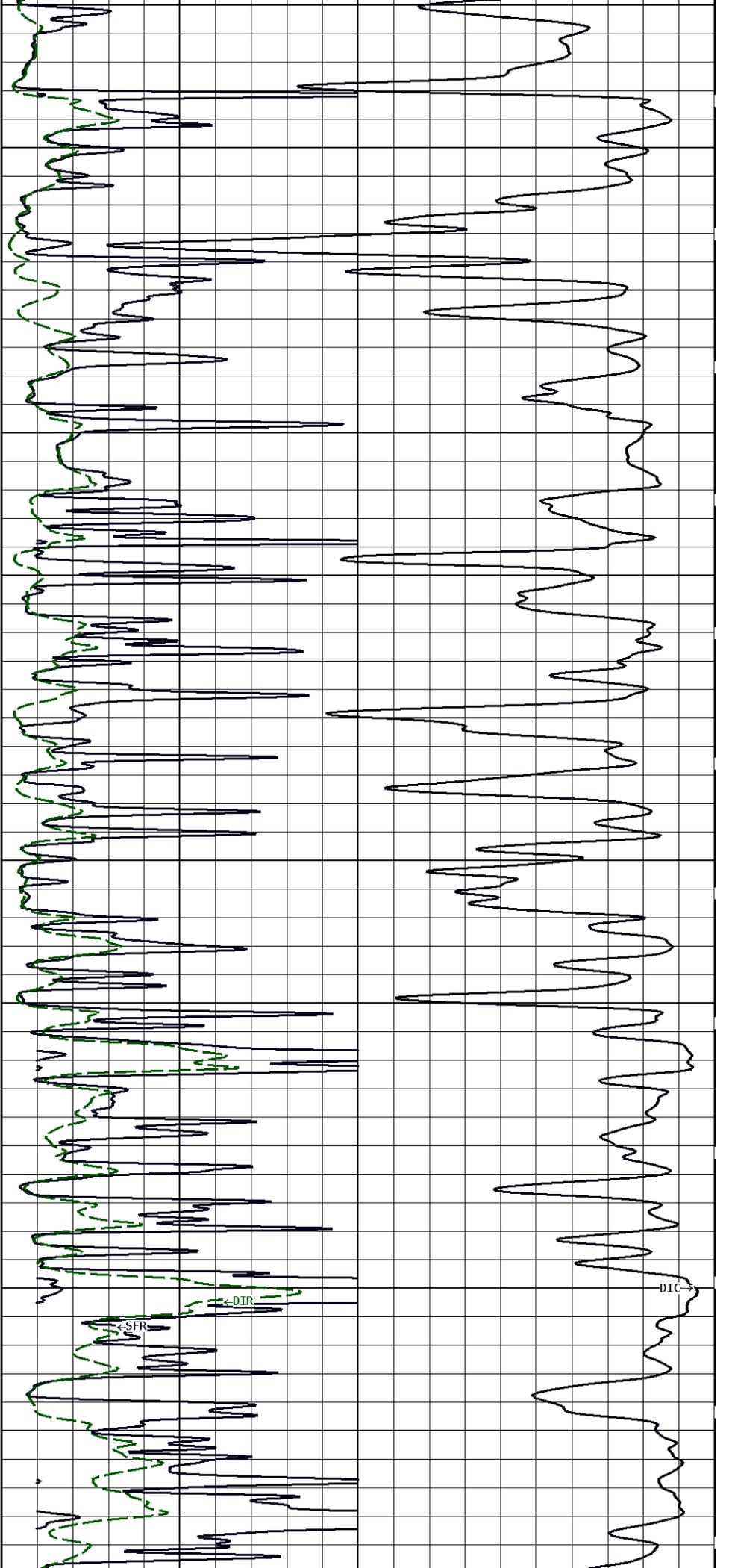
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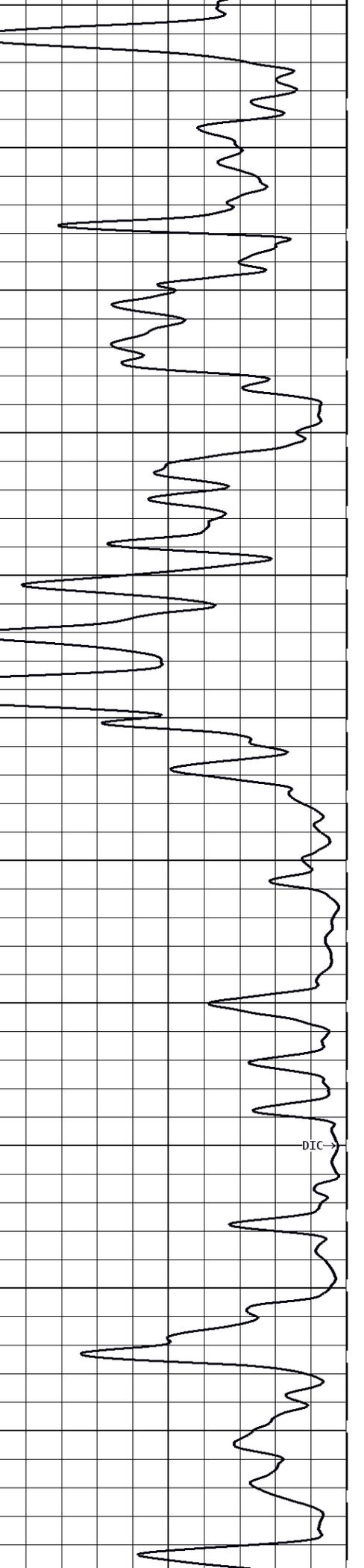
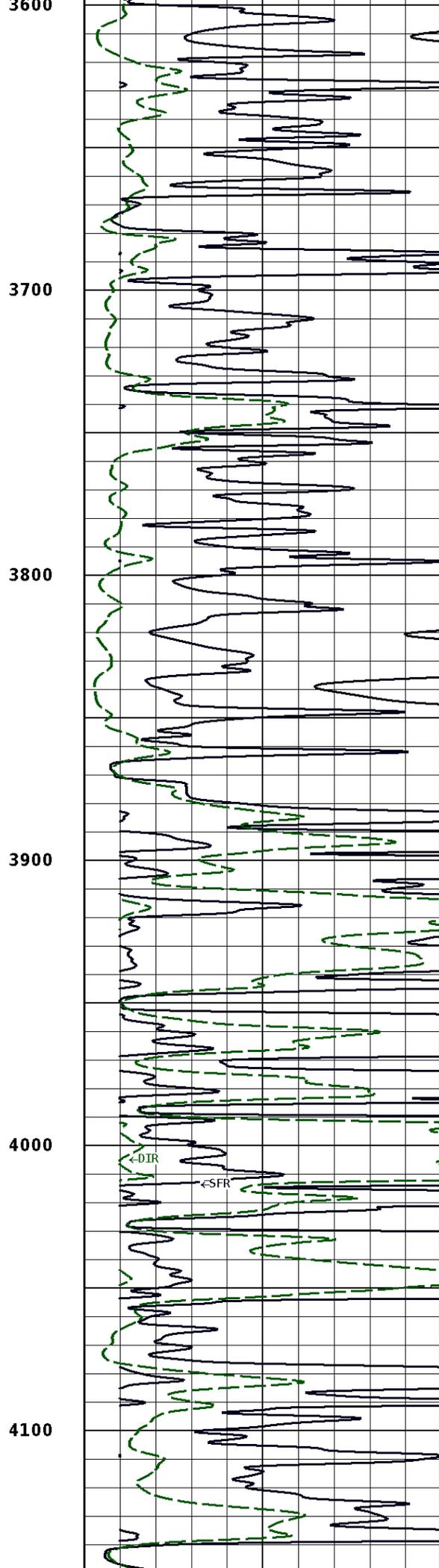
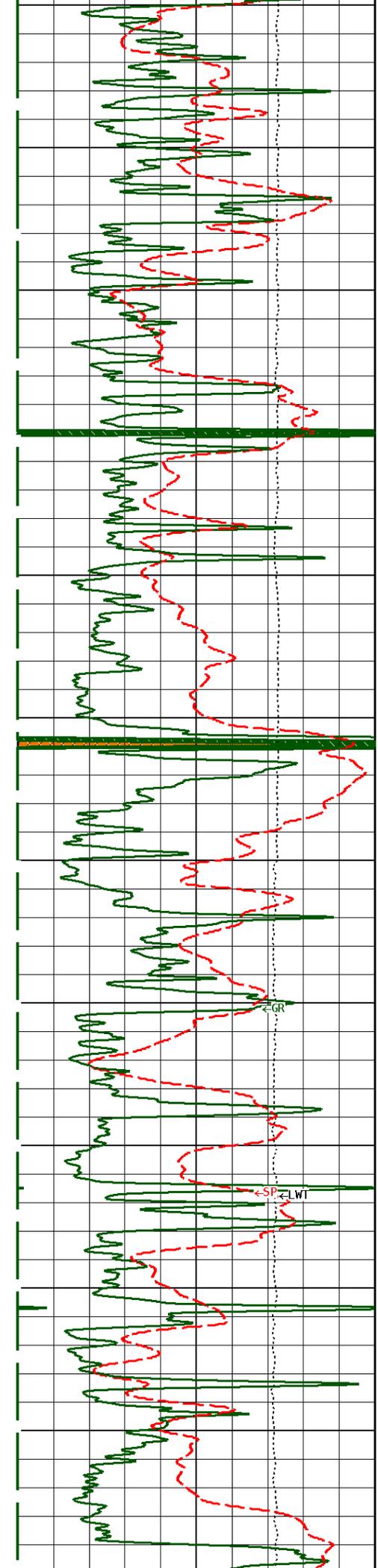
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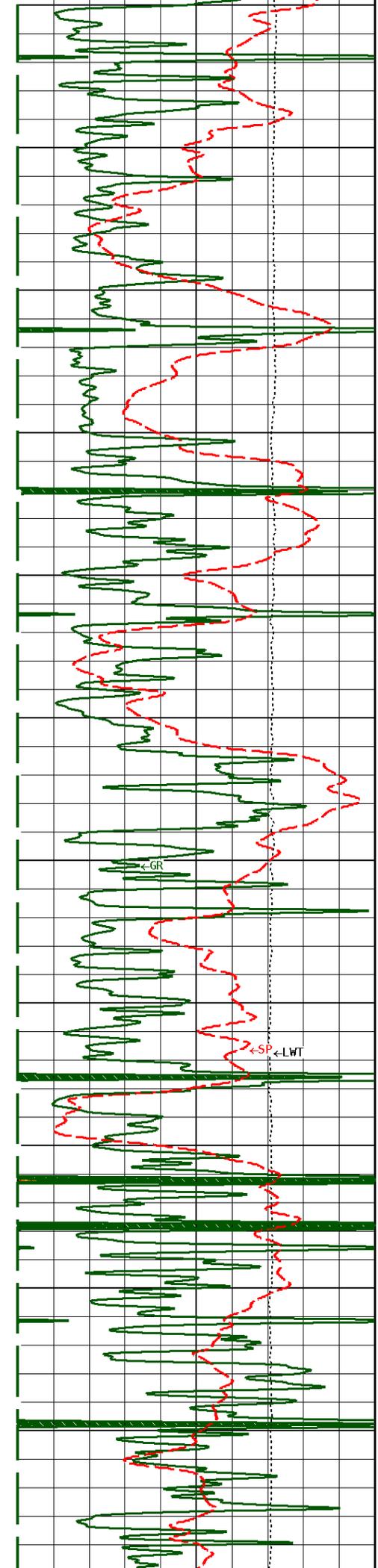
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DIC





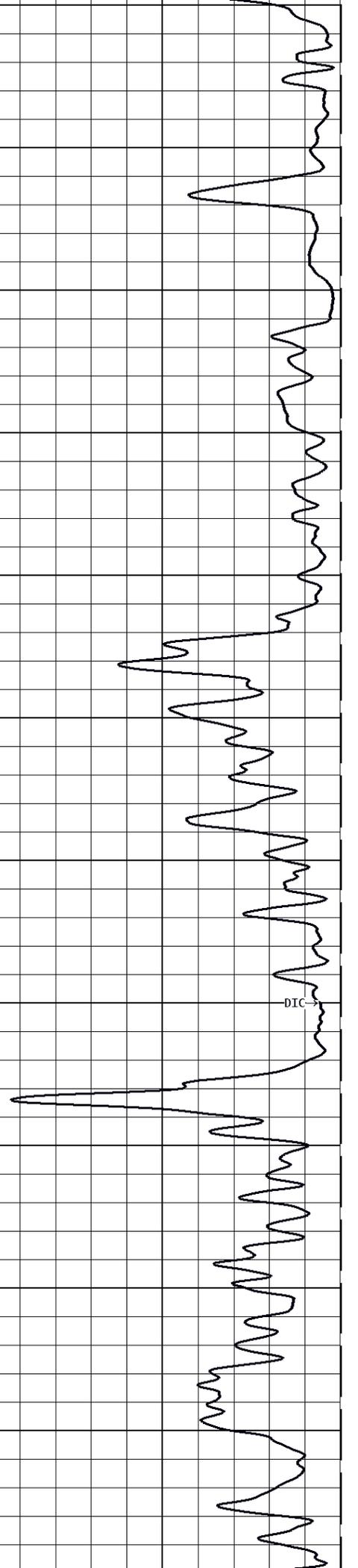
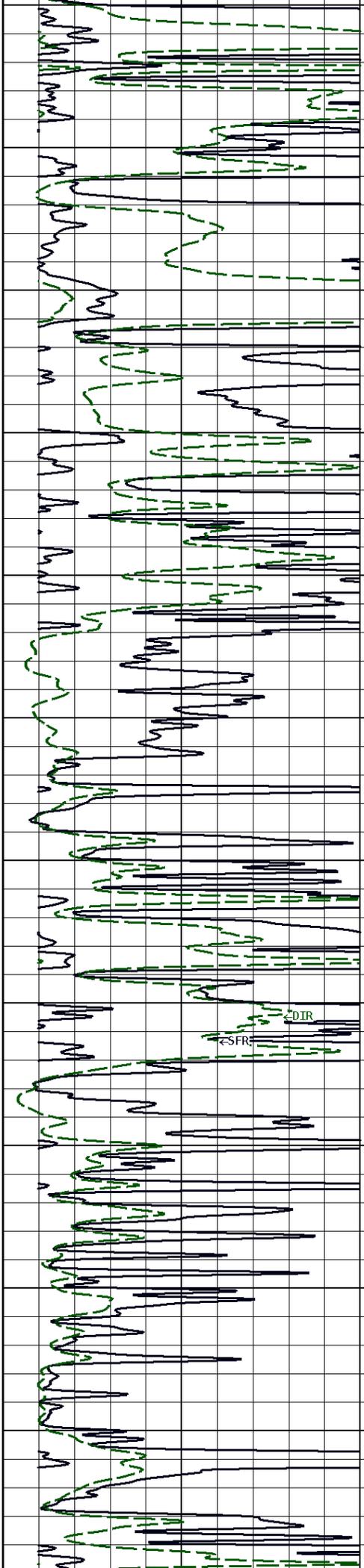
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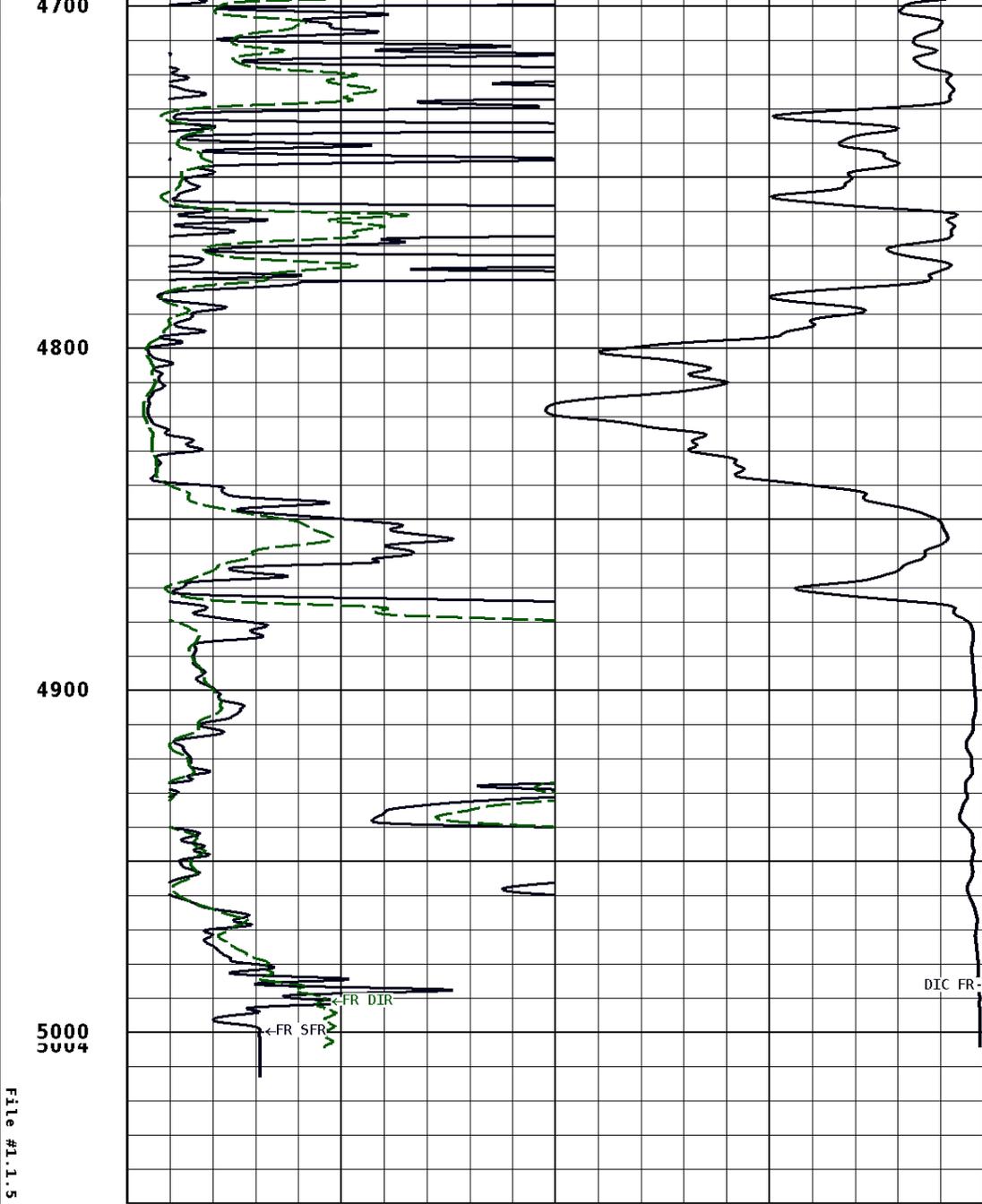
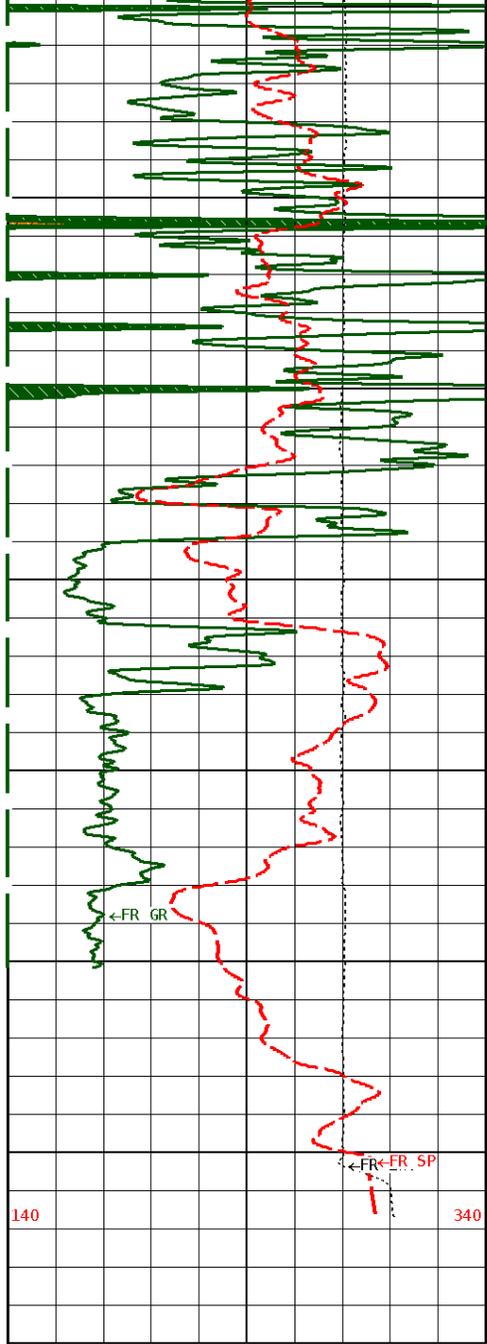
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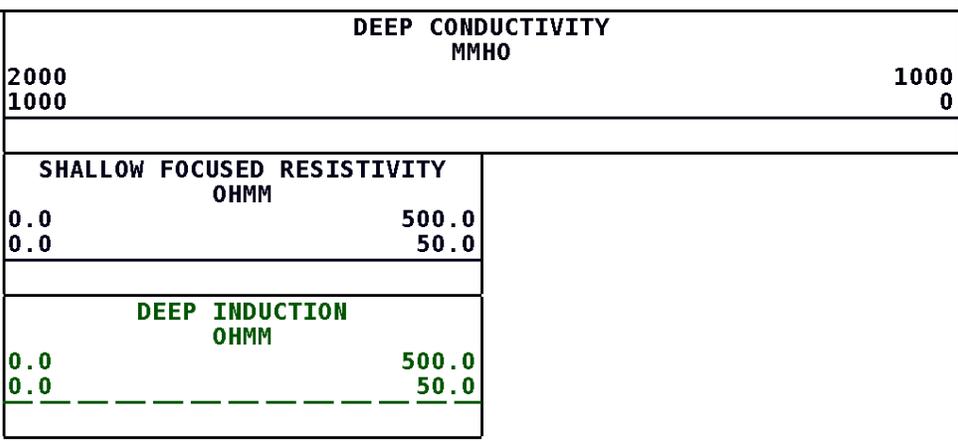
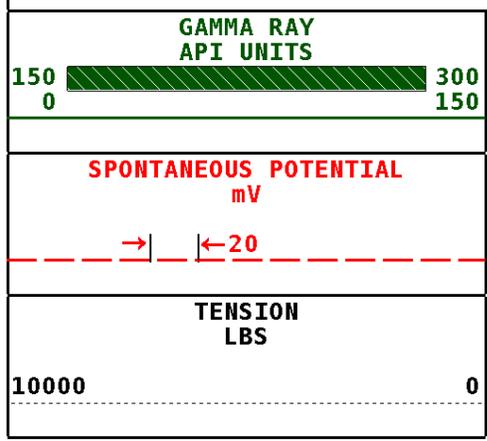
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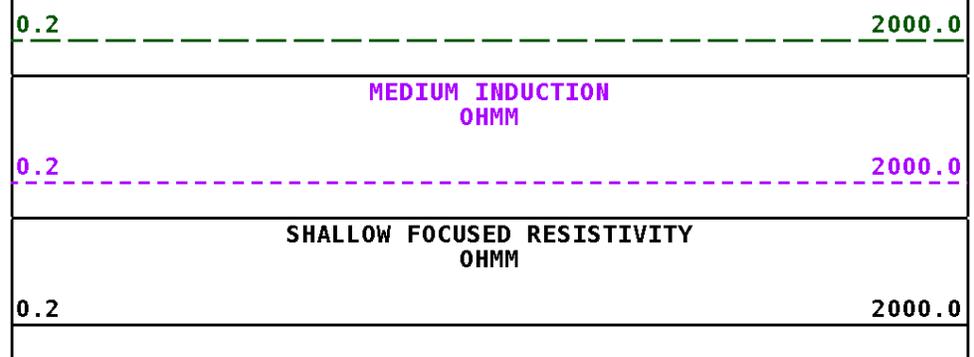
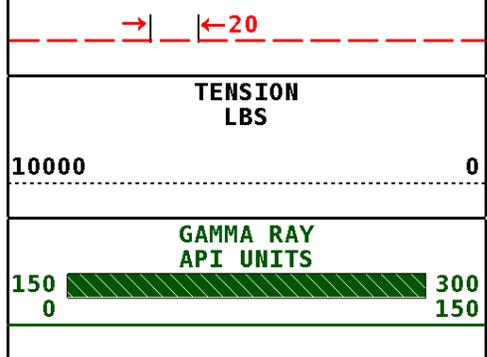


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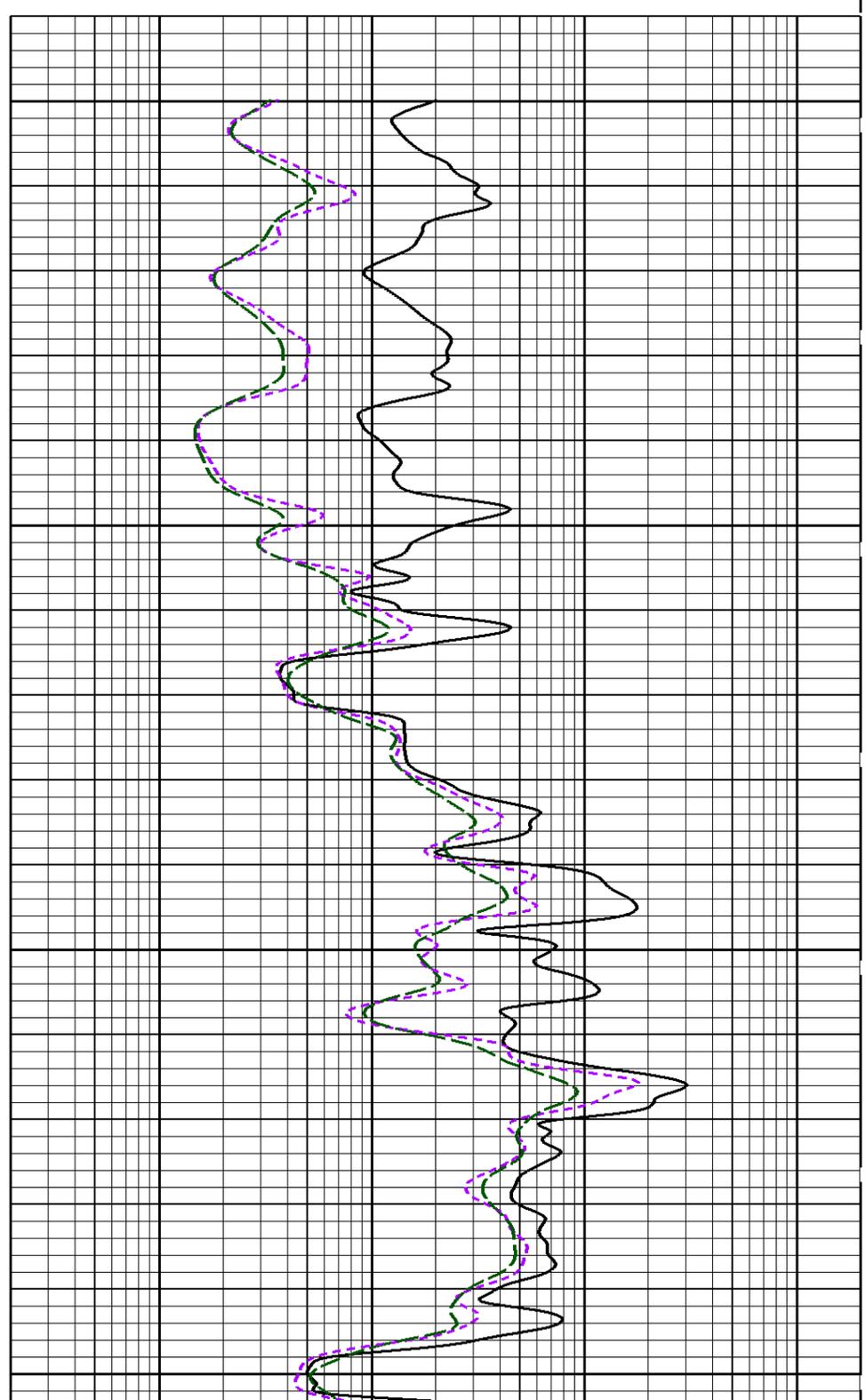
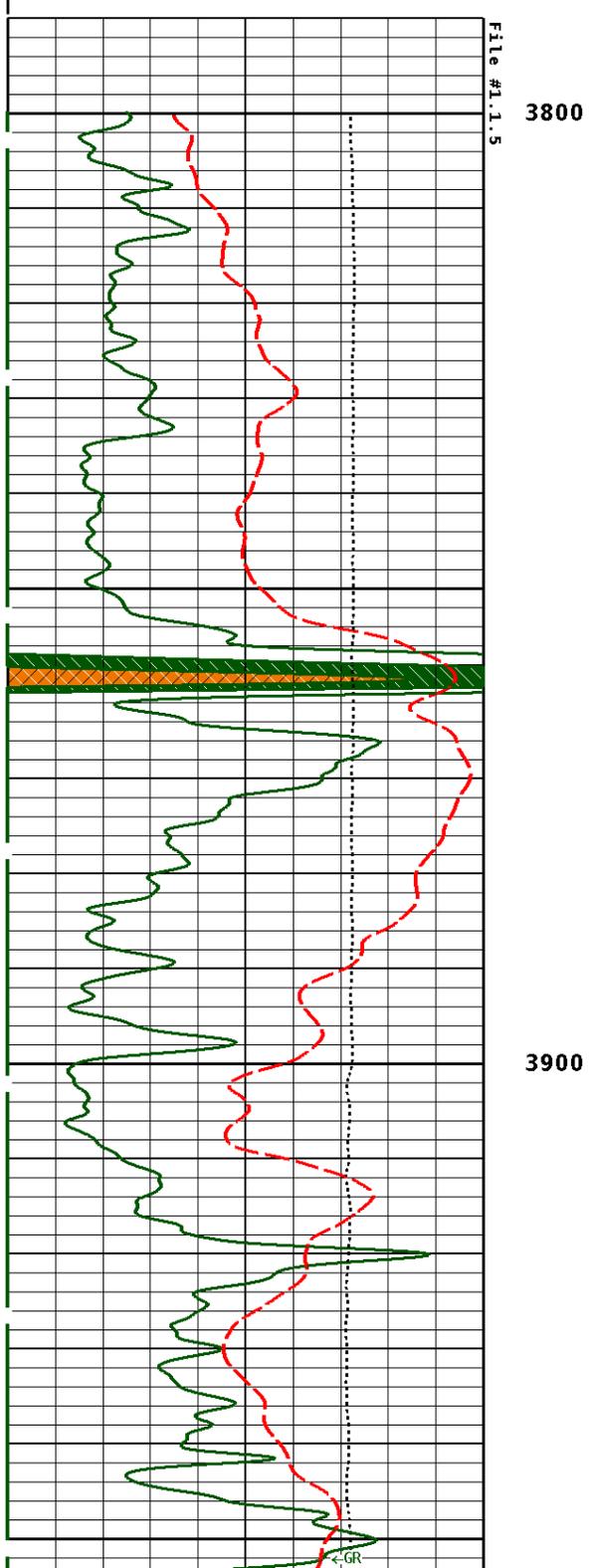


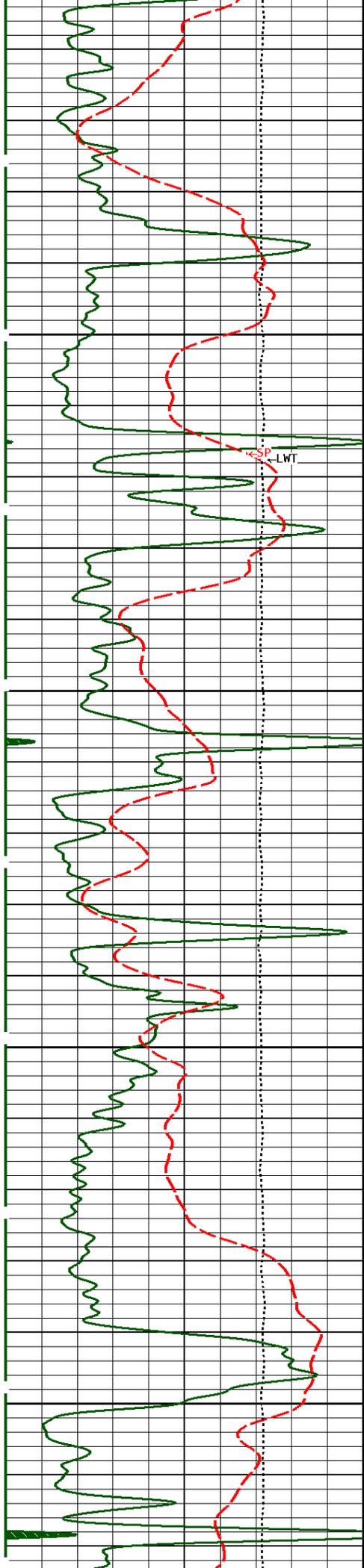
1:600 MAIN SECTION





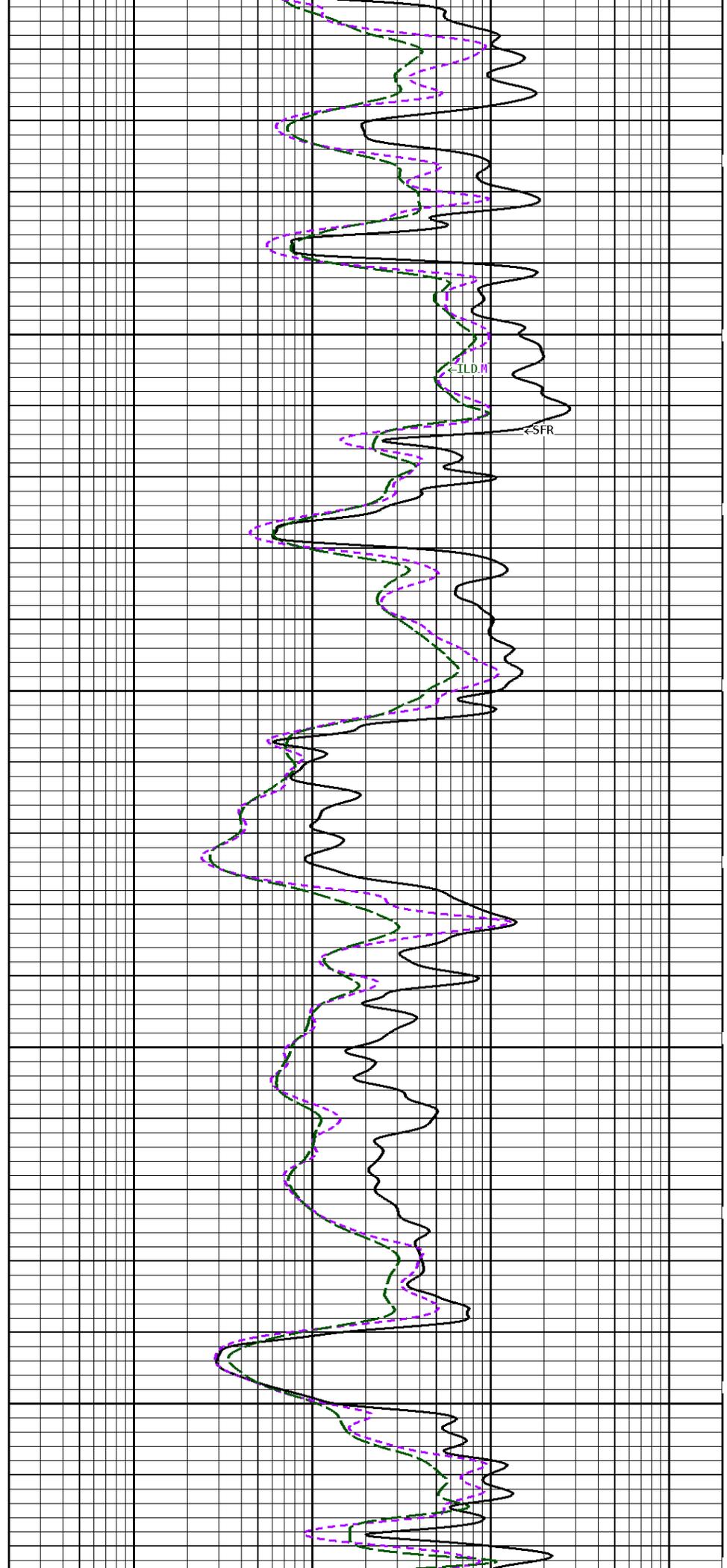
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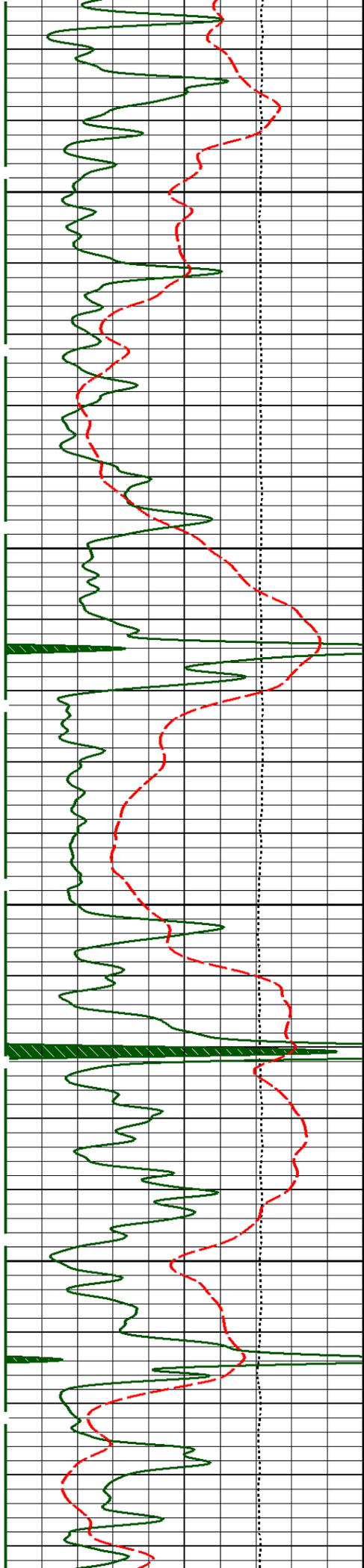




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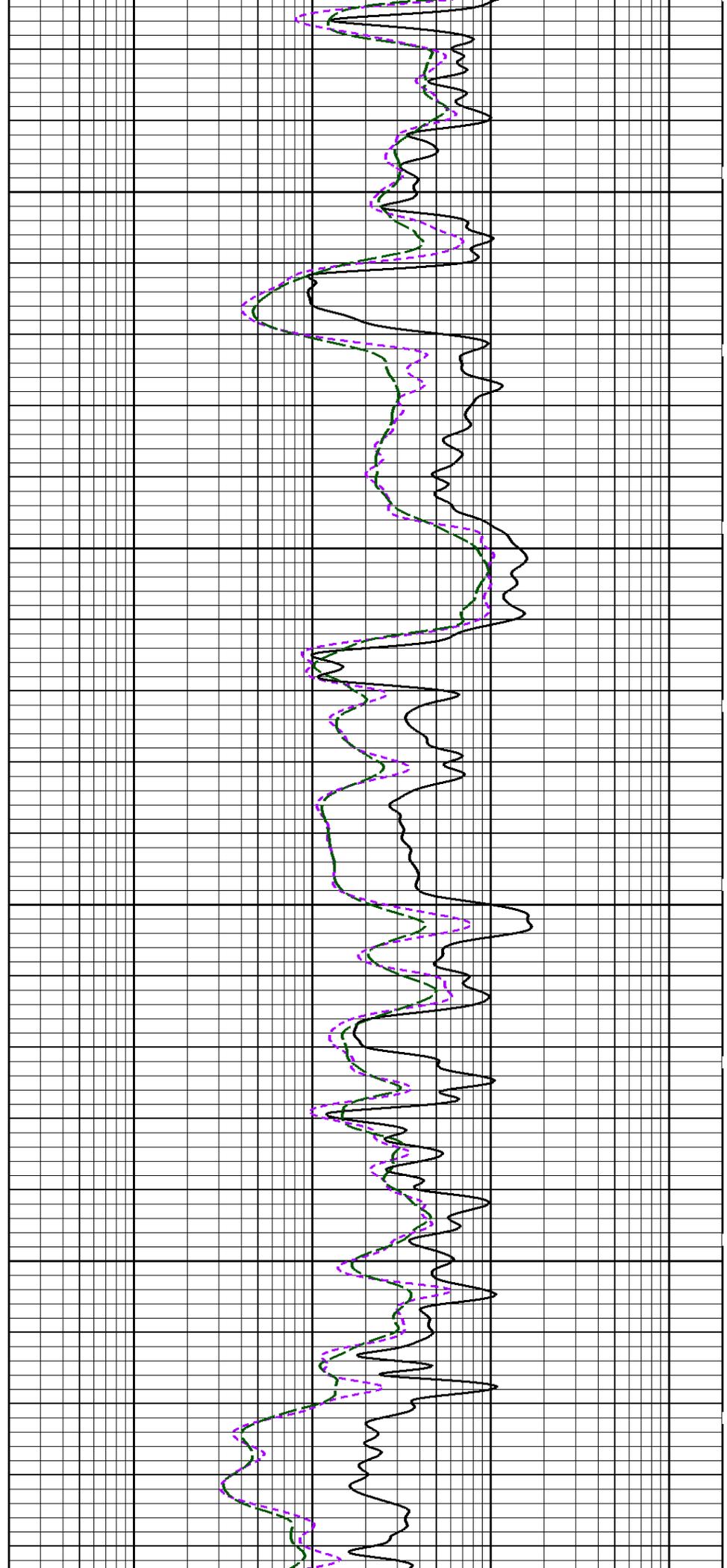
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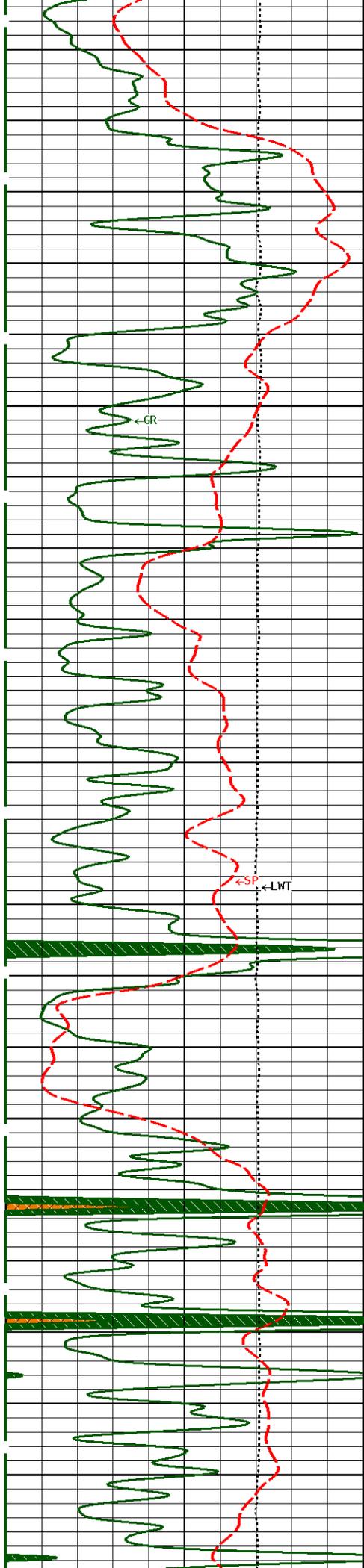




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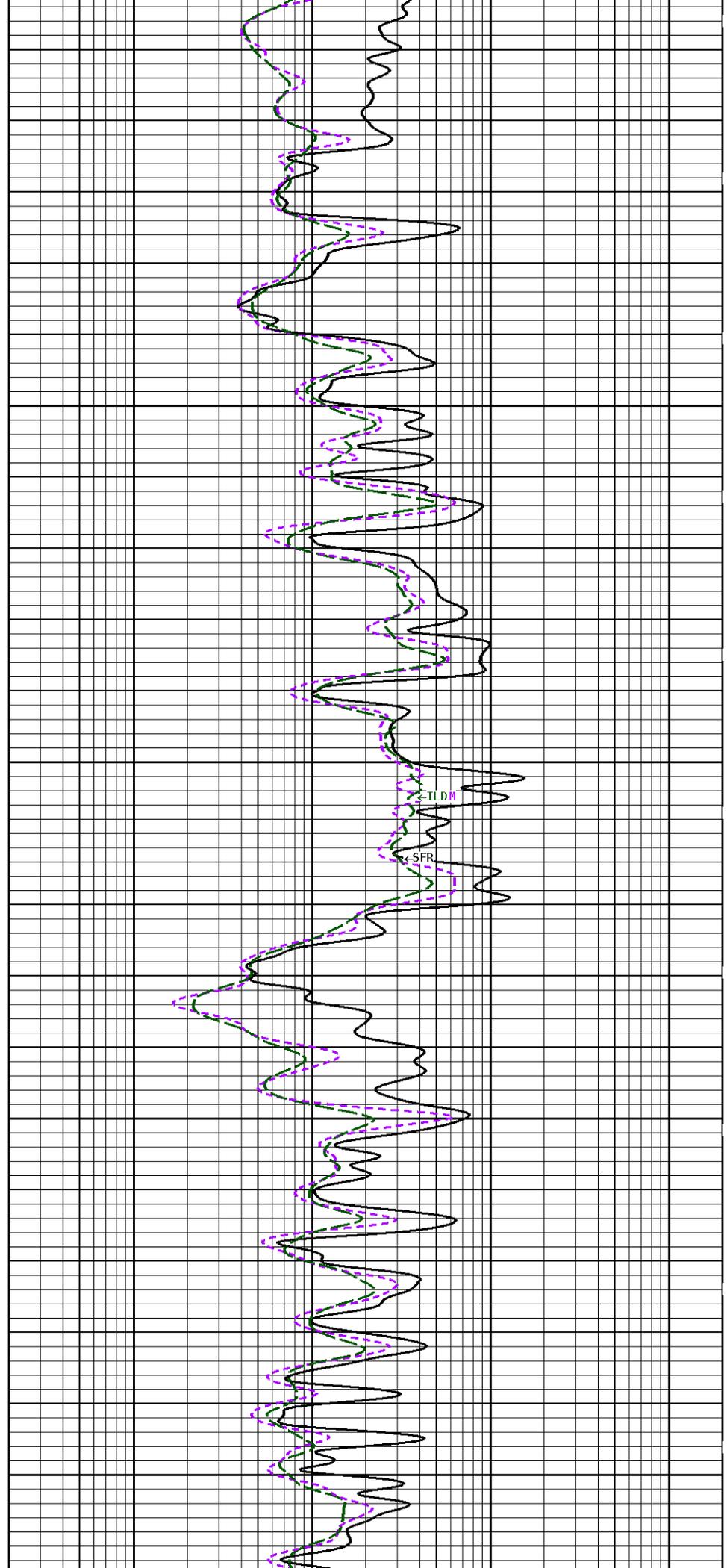




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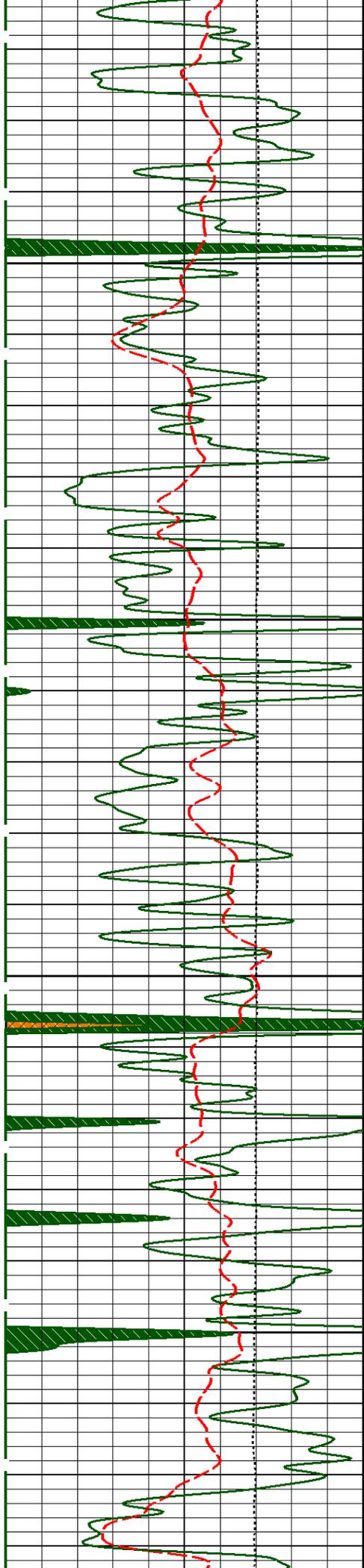
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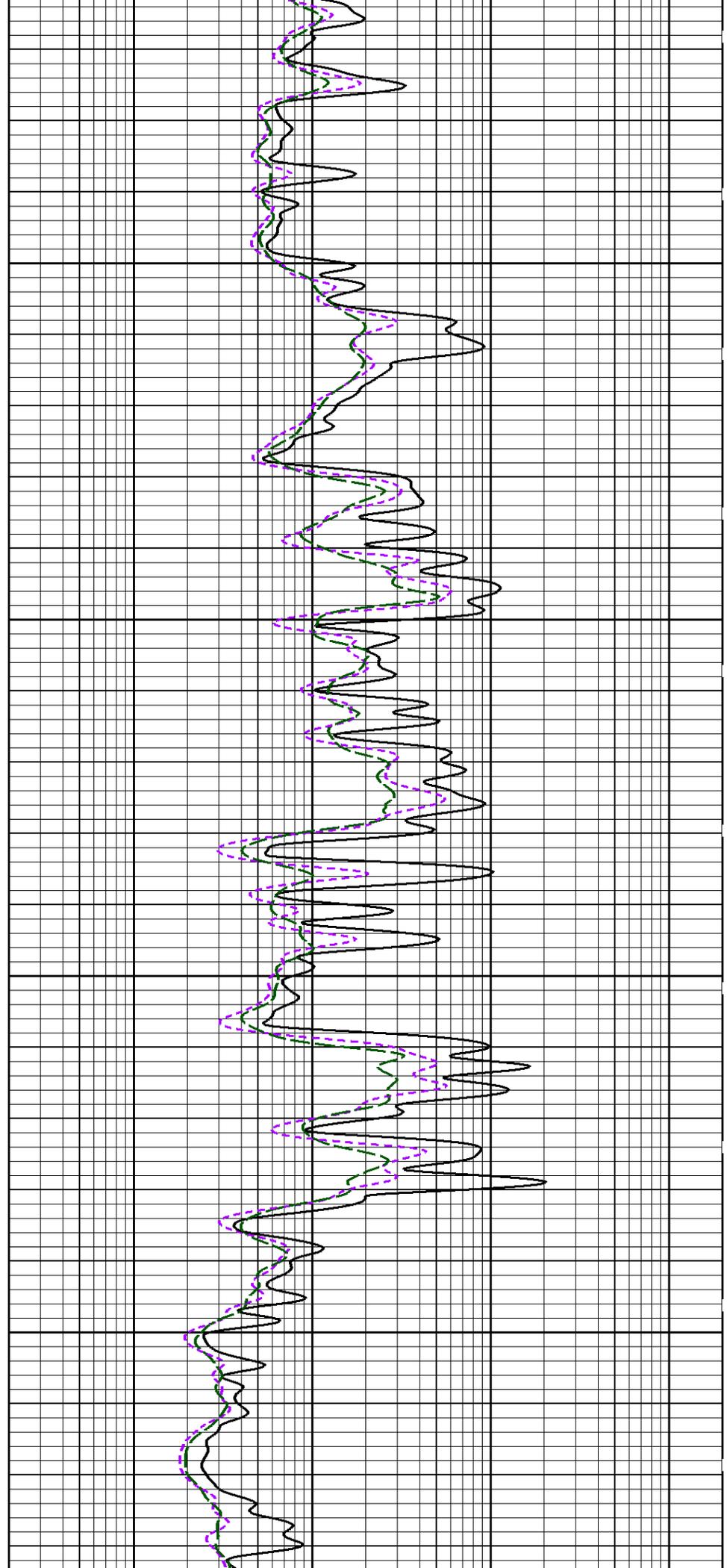
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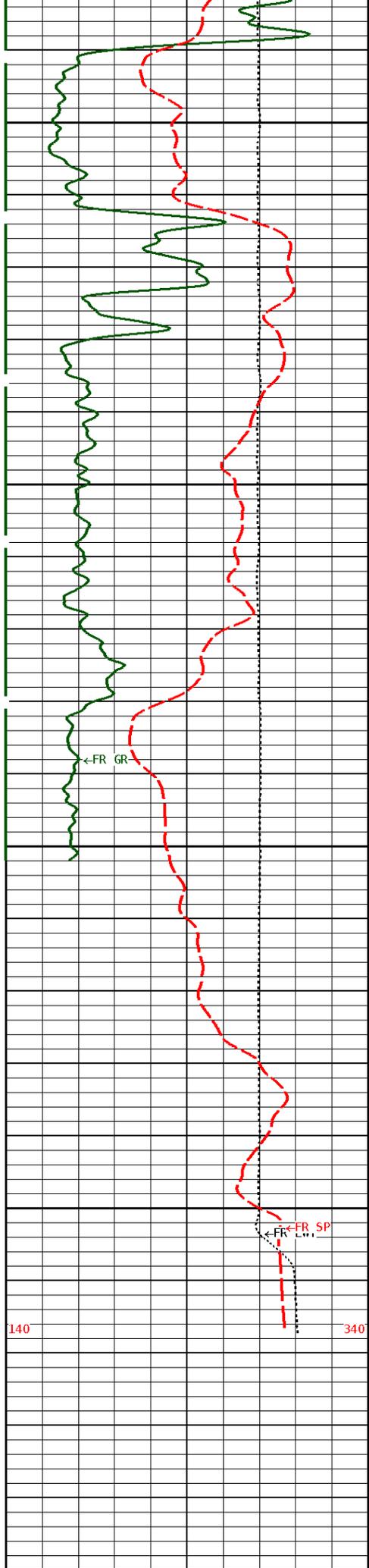
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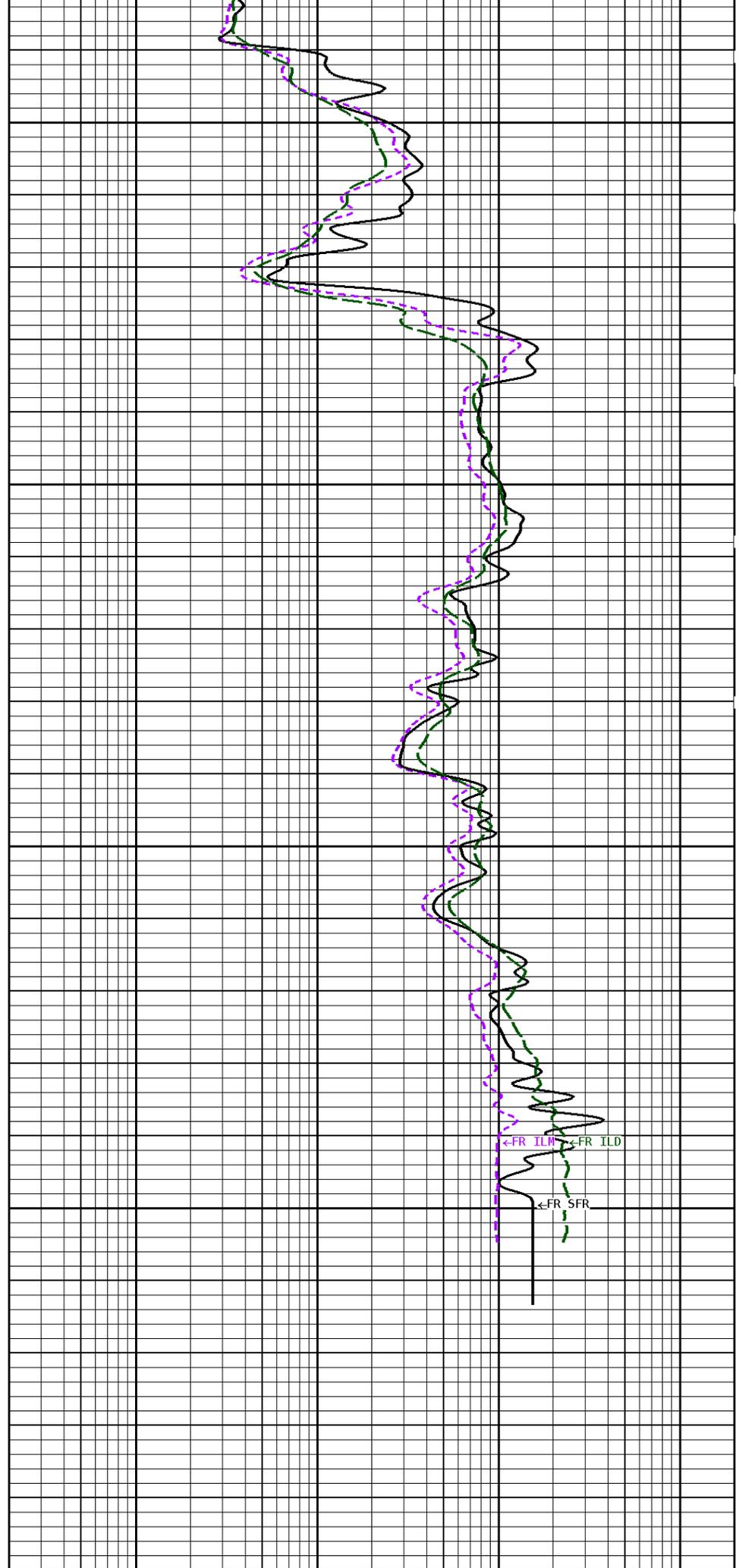
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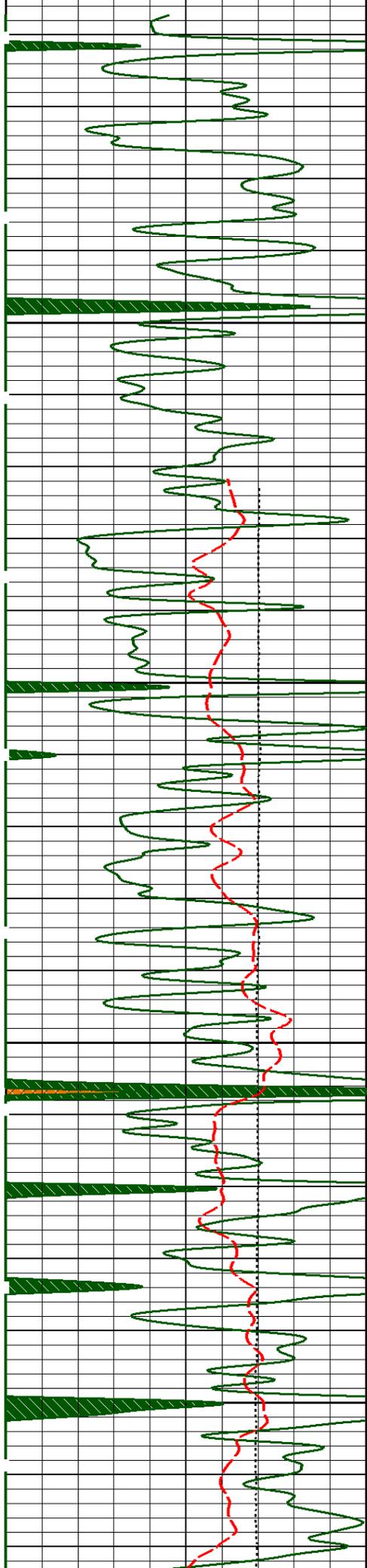
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1:240 MAIN SECTION



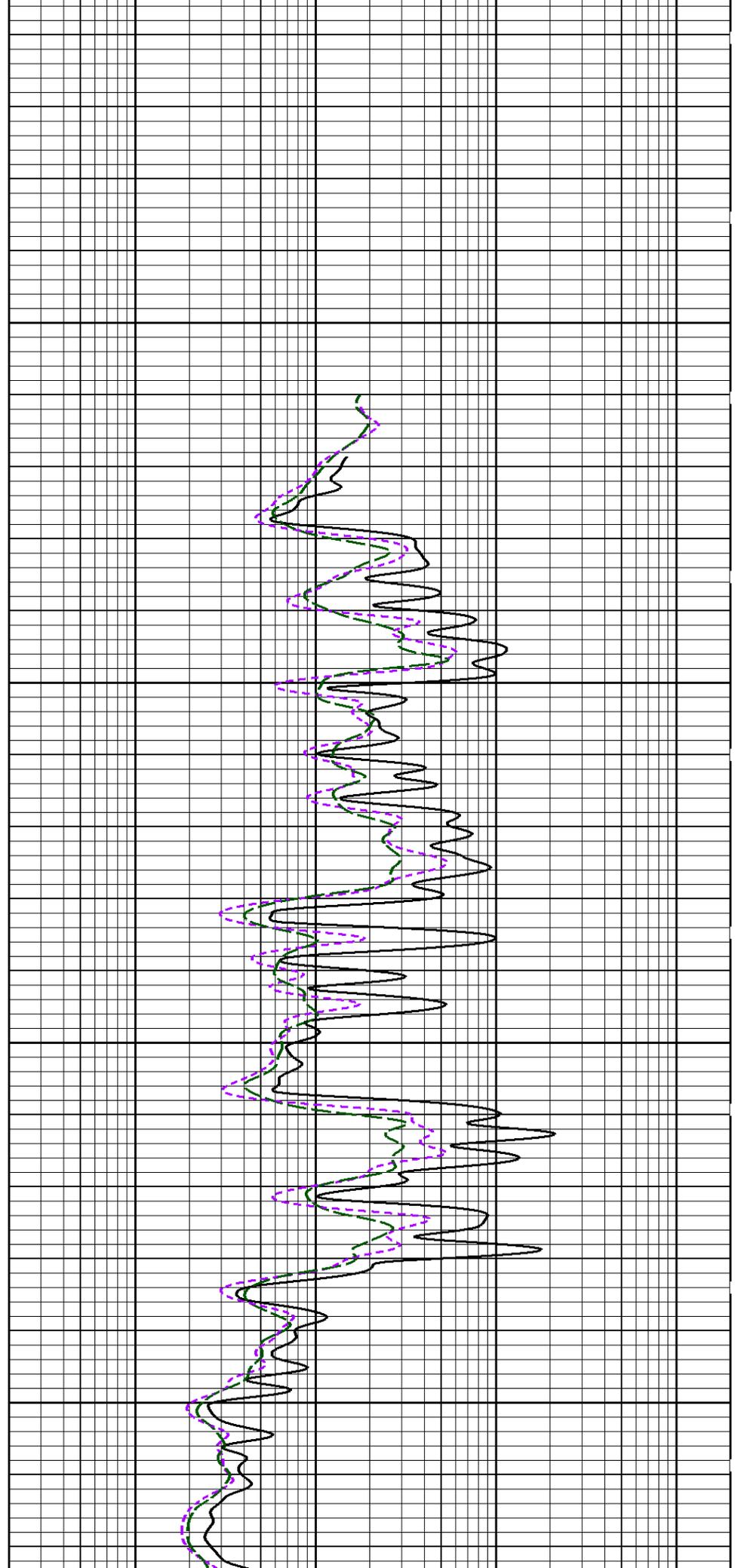
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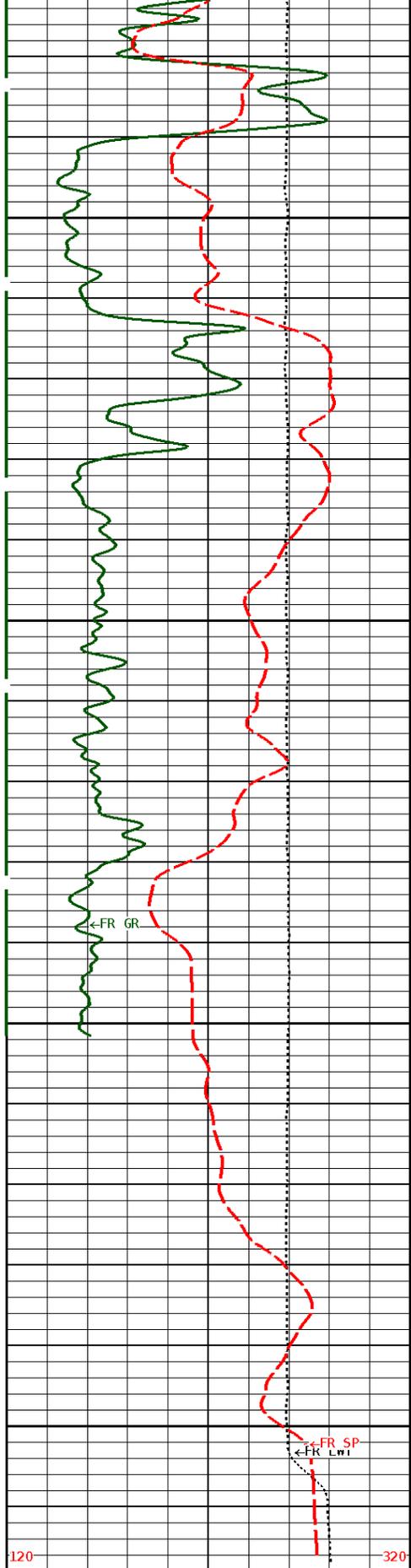
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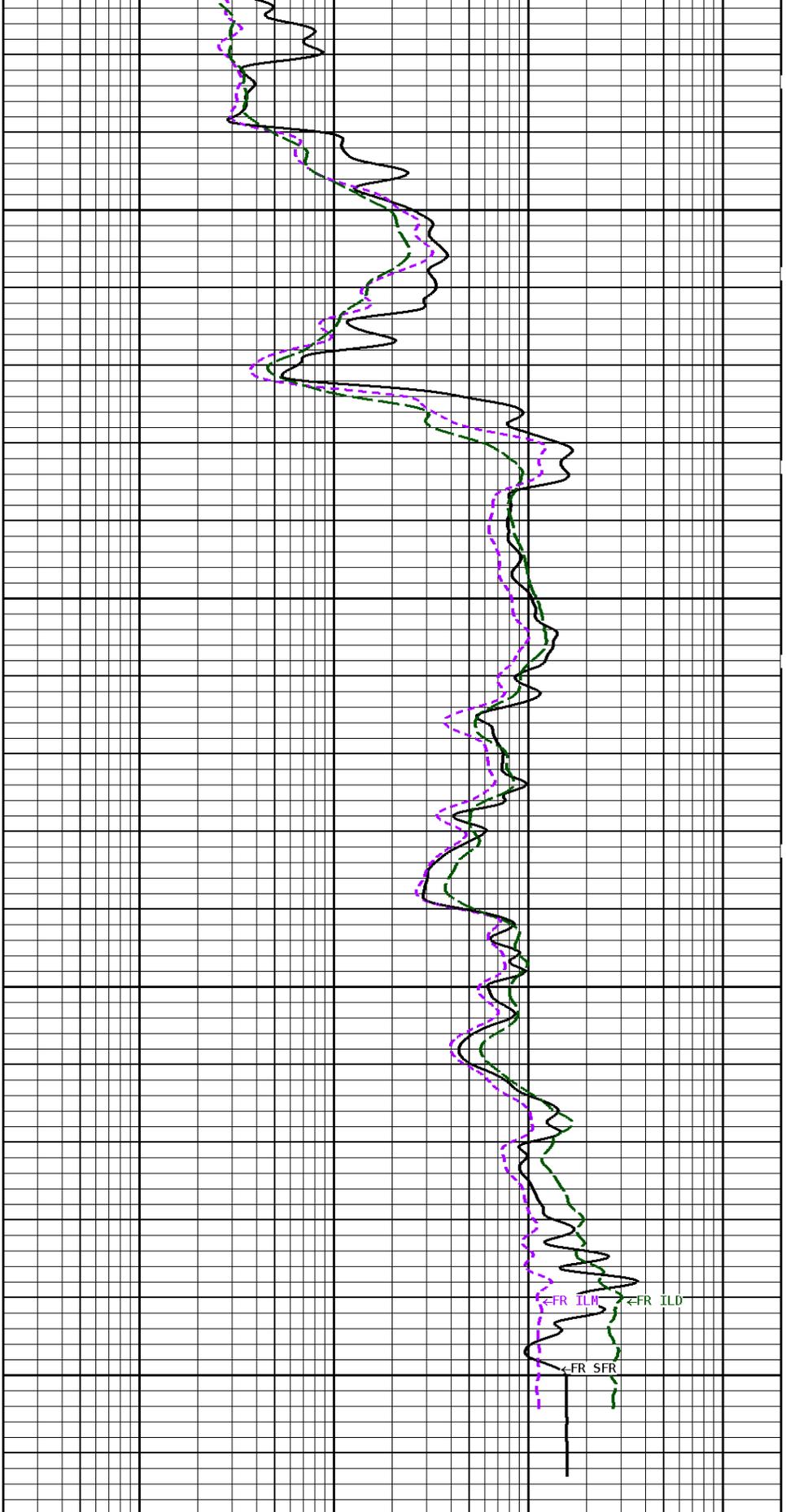
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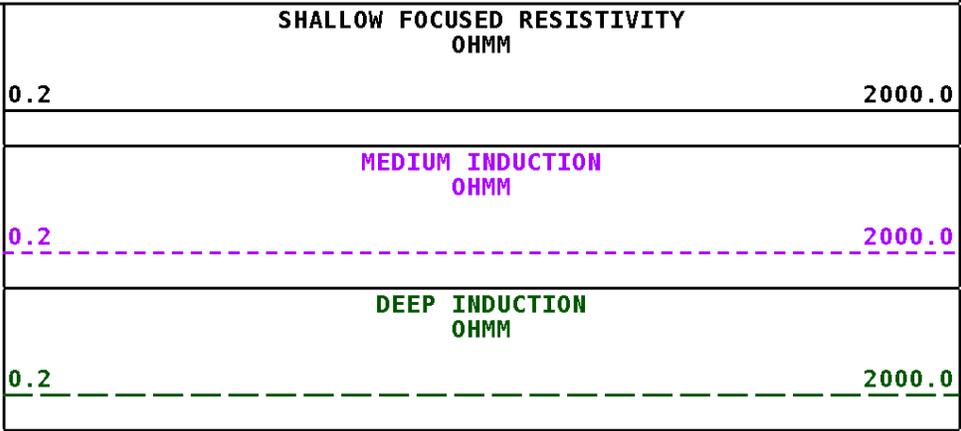
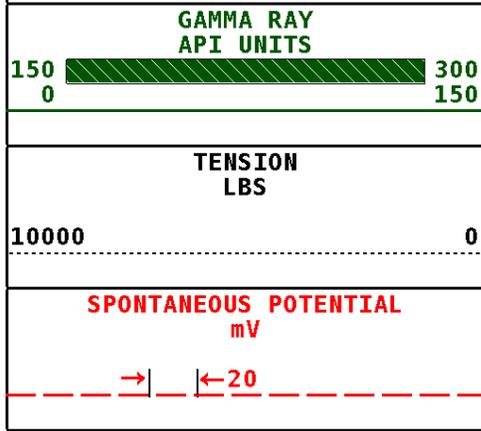
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5000
5003



120 320

1:240 REPEAT SECTION



*** Borehole Zone Factors ***

Zone 1 99999.0 to 0.0 Feet		
Drill Bit Size	_____	7.875 in
Casing Diameter	_____	5.500 in
BHT Depth	_____	5005.000 ft
Borehole Temperature	_____	128.0 degF
Temperature Gradient	_____	1.00 DFHF
Resistivity Of Mud	_____	1.500 ohmm
Resistivity Of Mud Temperature	_____	86.00 degF

*** Calibration Summary ***

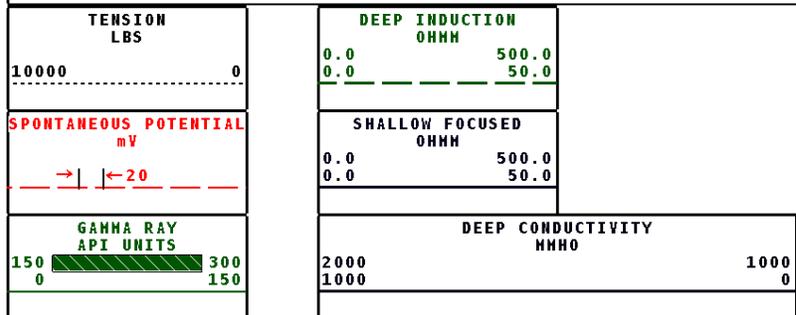
Shop Calibration GRT-B						
Performed : 24-JUN-2019			Time : 12:20			
Sensor Suite : GR-GR5			ID : GRT-BC-038			
	Measured	Units	Calibrated	Units		
GR	Background Jig	CPS	Jig	GRAPI		
	36 266		160			
Shop Calibration PIT-CA						
Performed : 21-DEC-2019			Time : 21:46			
Sensor Suite : P-IND-T			ID : PIT-AC-043			
Medium						
	Measured		Calibrated		Units	
	R	X	R	X		
Air	131492	129685	0.0	0.0	MMHOS	
Zero	131066	131062	-18.1	59.6	MMHOS	
Reference	244915	244454	4981.9	5059.6	MMHOS	
Loop	130404	210498	3515.7	3611.2	MMHOS	
Sonde Error			-0.5	-1.7	MMHOS	
Cond			4981.9	5059.6	MMHOS	
Deep						
	Measured		Calibrated		Units	
	R	X	R	X		
Air	131939	129230	0.0	-0.0	MMHOS	
Zero	131079	131067	-15.6	35.3	MMHOS	
Reference	220620	224092	1984.4	2035.3	MMHOS	
Loop	129308	206166	1595.4	1712.8	MMHOS	
Sonde Error			-0.6	-7.8	MMHOS	
Cond			1984.4	2035.3	MMHOS	
Temperature						
	Measured		Calibrated		Units	
	Low	High	Low	High		
	16980.0	56920.0	70.0	350.0	DEGF	
Performed : 21-DEC-2019			Time : 21:46			
Sensor Suite : SFL			ID : PIT-AC-043			

	Measured		Calibrated		Units
	Zero	Reference	Zero	Reference	
	Internal				
Im	32732.6	48929.1	0.0	7028.0	uA
Ib	32768.6	49680.1	0.0	1750.0	mA
MOM1	32722.0	56290.6	0.0	175.0	mV
Equivalent SFL				43.97	OHMM

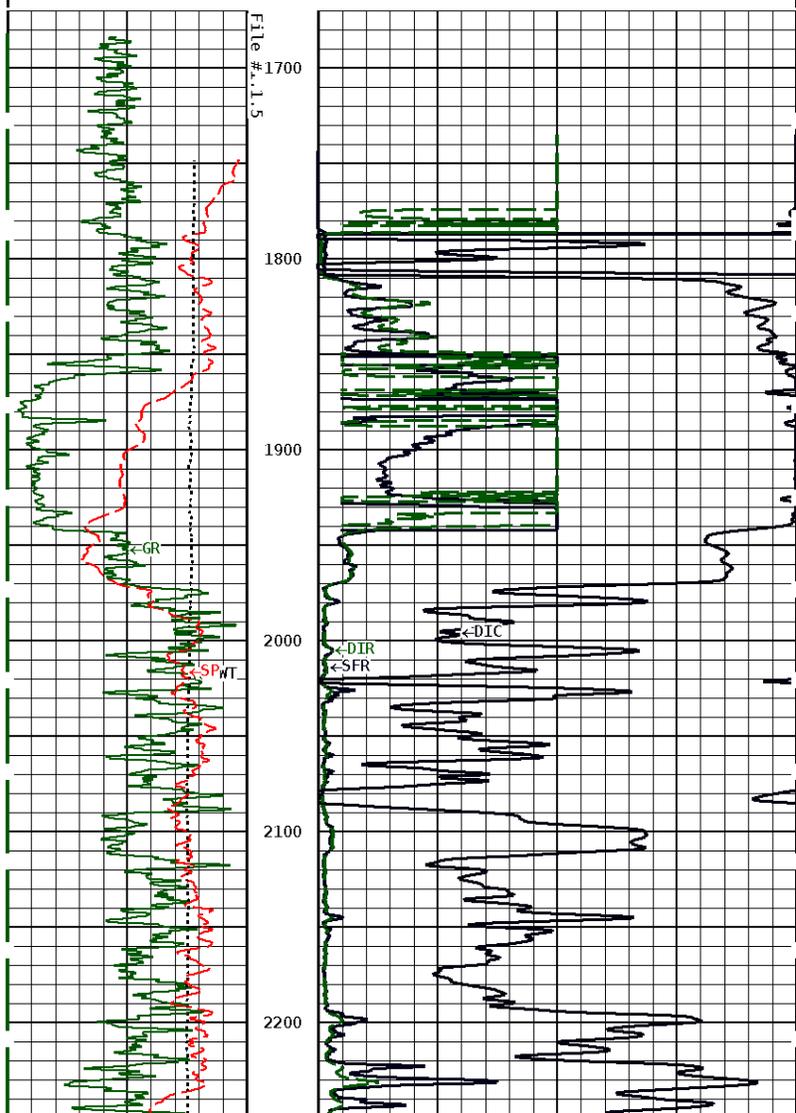
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Sensor Suite :	P-SP	ID :	PIT-AC-043

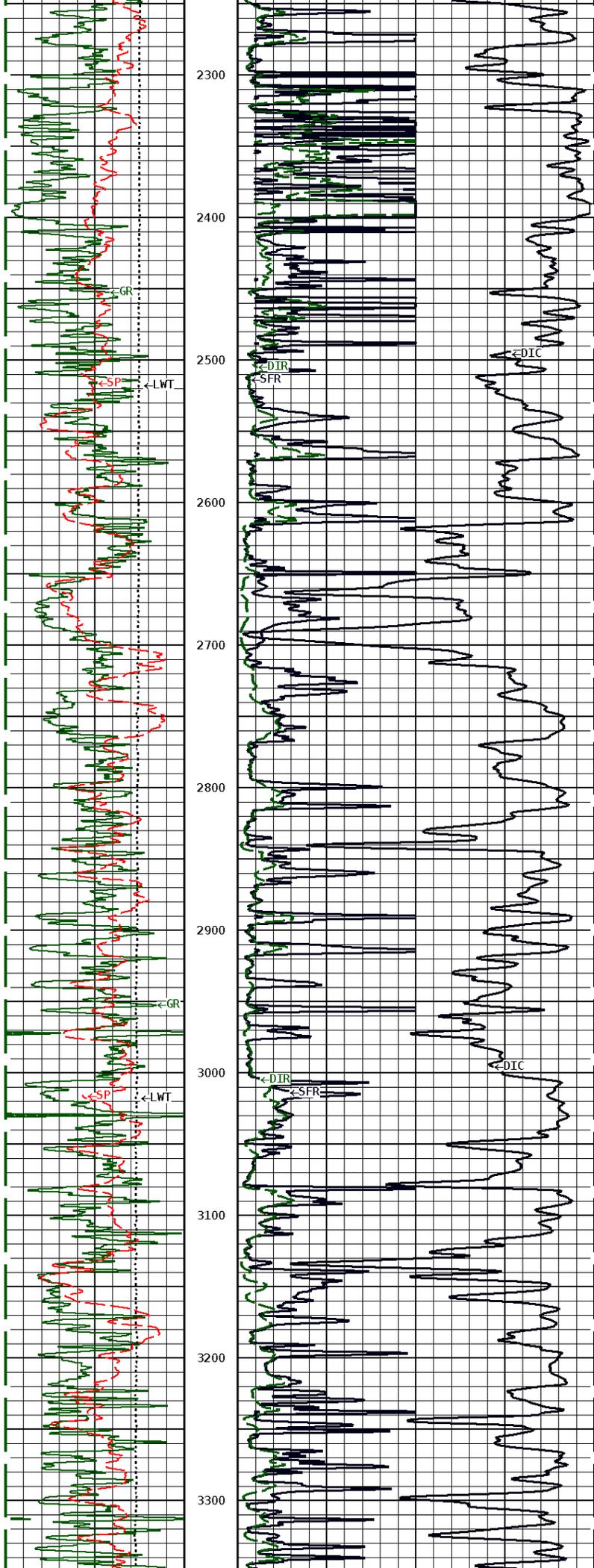
	Measured		Calibrated		Units
	Zero	Reference	Zero	Reference	
	Internal				
	32774.5	58935.9	0.0	1000.0	mV

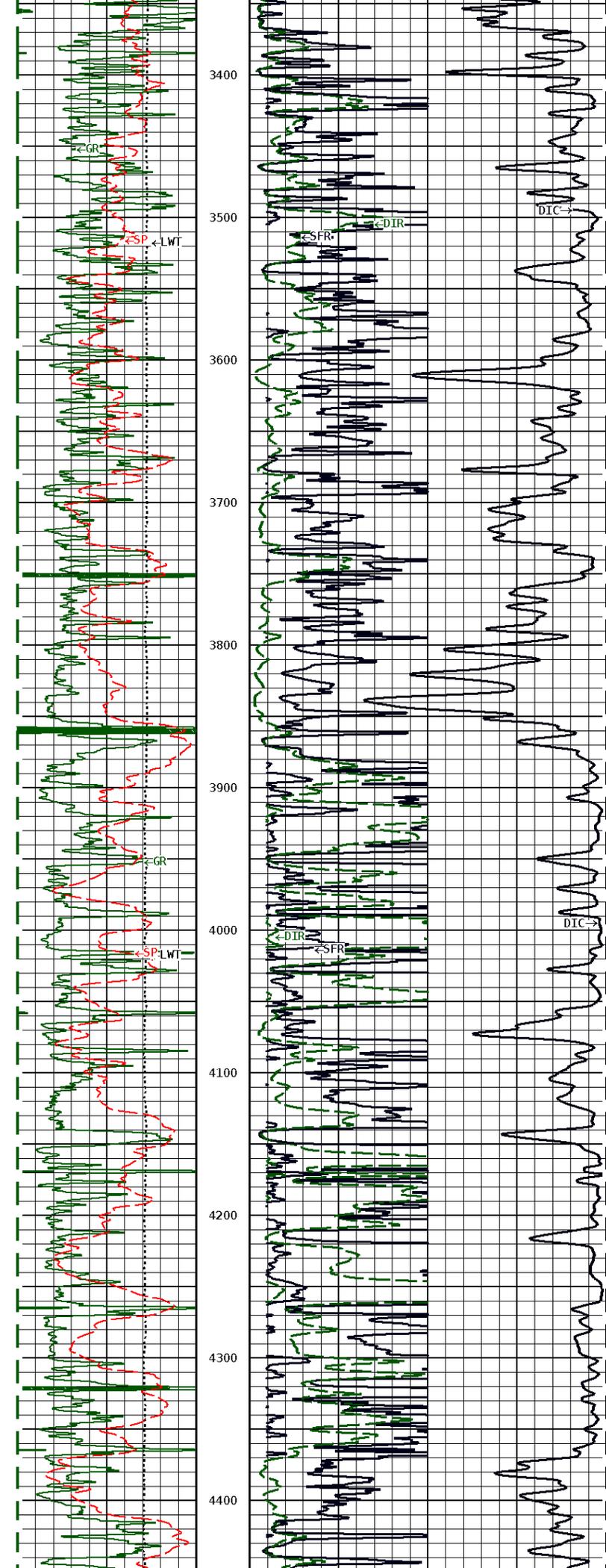
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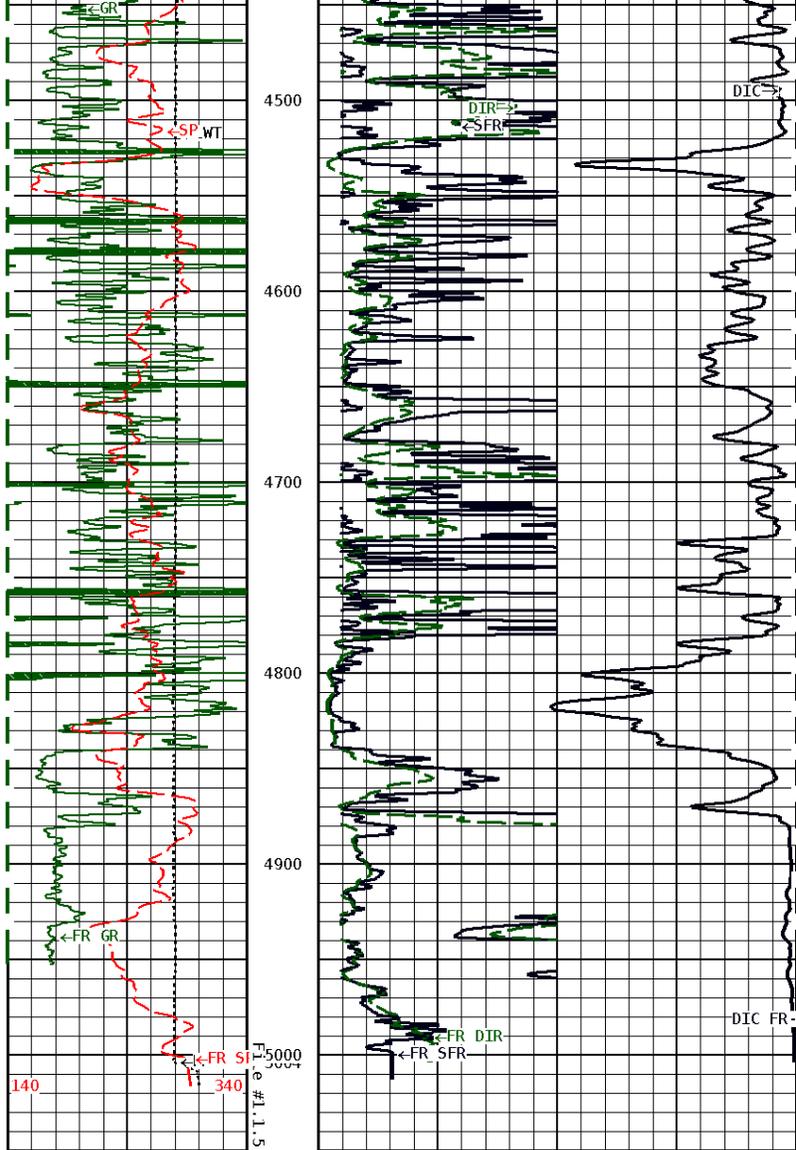


1:1200 MAIN SECTION









1:1200 MAIN SECTION

<p>GAMMA RAY API UNITS</p> <p>150 300 0 150</p>	<p>DEEP CONDUCTIVITY MHMO</p> <p>2000 1000 1000 0</p>
<p>SPONTANEOUS POTENTIAL mV</p> <p>→ ← 20</p>	<p>SHALLOW FOCUSED OHMM</p> <p>0.0 500.0 0.0 50.0</p>
<p>TENSION LBS</p> <p>10000 0</p>	<p>DEEP INDUCTION OHMM</p> <p>0.0 500.0 0.0 50.0</p>



Company: MERIT ENERGY COMPANY
 Well: CORA #1-16
 Location: 414' FWL & 2002' FNL
 Logged: 02-28-2020
 K.B. Elev: 2875.0 Ft