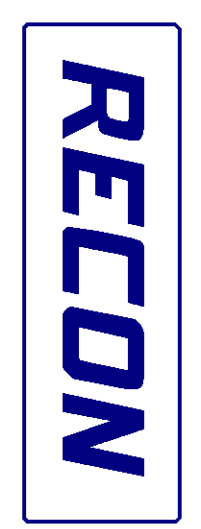


Company
Well
Field
County
State

AGRICULTURAL ENERGY SERVICES, INC.
HOPE 1-23
KISMET
SEWARD
KANSAS



DUAL INDUCTION
LATEROLOG - SP
GAMMA RAY

SEC	TWP	RGE	OTHER SERVICES:
23	33S	31W	LDT XY CALIPER CNL MEL
Location: 990' FNL & 990' FWL		SW NE NE	ELEVATIONS K.B. 2756.1 G.L. 2744.1 D.F. N/A
SURF. SAME	API #:		
Permanent Datum	Ground Level	Elevation: 2744.1	
Log Measured From	Kelly Bushing	Latitude: 37.1673543814	
Drilling Measured From	Kelly Bushing	Longitude: -100.657020037	

Date	08-AUG-2021
Run No.	ONE
TD Driller	5820 ft
TD RECON	5820 ft
Bot Logged Interval	5820 ft
Top Logged Interval	50 ft
Casing Depth Driller	1698 in.
Casing Depth RECON	1698 in.
Bit Size	7.875 in.
Drilling Fluid Type	GEL/CHEM
Density	9.10(lbm/gal)
Fluid Loss	9.5(cc)
Source Of Sample	Flowline
RM @ Measured Temp	4.76 Ohmm
RMF @ Measured Temp	3.57 Ohmm
RMC @ Measured Temp	7.15 Ohmm
RM @ MRT	2.89 Ohmm
Max Recorded Temp	128°F
Time Drilling Stopped	07-AUG-2021 18:00
Time Circulation Stopped	08-AUG-2021 00:00
Time Logger On Bottom	08-AUG-2021 06:00
Unit Num	S406
Location	ALVARADO, TX
Recorded By	A. NGUYEN
Witnessed By	MIR. JASON SCHMIDT

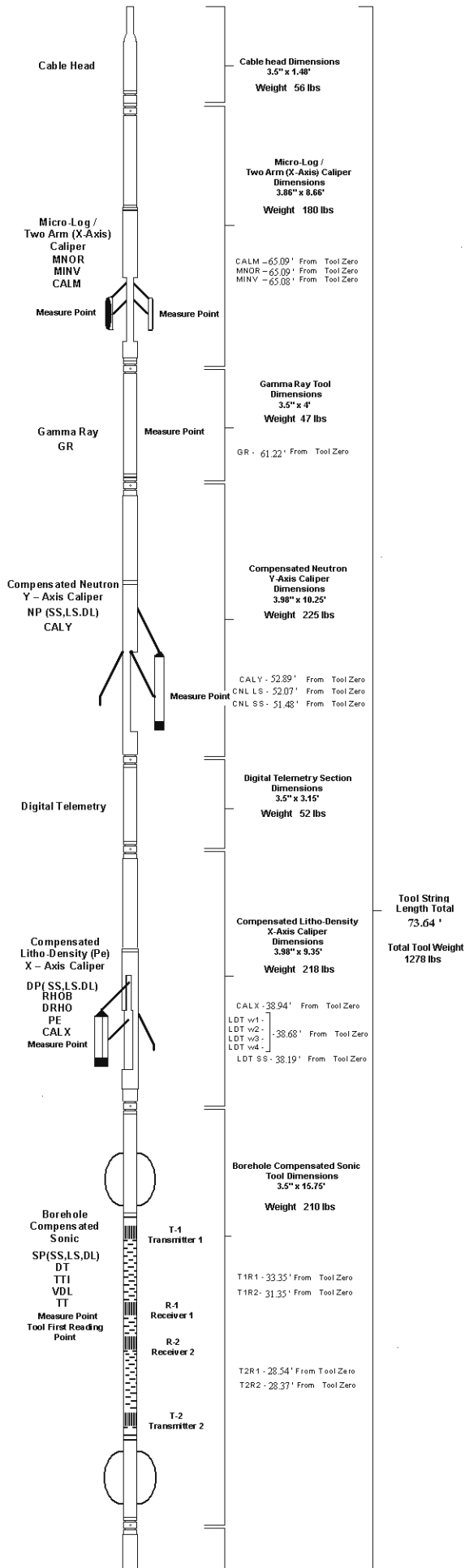
All interpretations are based on inferences from electrical or other readings, and therefore, RECON cannot and will not guarantee the accuracy of any interpretations of log data. RECON shall not be liable for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from

interpretations made by any of our officers, agents or employees, except in the case of provable Gross Neglegence or willfull damage. Interpretations are also subject to the terms and conditions of our Price Schedule and General Service Agreement.

RIG INFORMATION	
Drill Contr/Rig#	DUKE DRILLING

GENERAL REMARKS SECTION	
FIRST RUN IN THE HOLE CNL AND LDT LOGGED IN A LIMESTONE MATRIX CNL/LDT LOGGED MATRIX: 2.71 g/cc. CHLORIDES:	DISPATCH 24 HR: 682-628-4841
THANK YOU FOR USING RECON RETROTECHNOLOGIES INC	CREW: TORTEGA, N MOUGHANI

DUAL INDUCTION - SP / BHC SONIC /
 GAMMA RAY / LITHO-DENSITY / X CALIPER
 COMPENSATED NEUTRON / Y-CALIPER
 MICRO-LOG / M-CALIPER



Cable Head Dimensions
 3.5" x 1.48"
Weight 56 lbs

Micro-Log / Two Arm (X-Axis) Caliper Dimensions
 3.86" x 8.66"
Weight 180 lbs

CALM - 65.09' From Tool Zero
 MNOR - 65.09' From Tool Zero
 MINV - 65.08' From Tool Zero

Gamma Ray Tool Dimensions
 3.5" x 4"
Weight 47 lbs

GR - 61.22' From Tool Zero

Compensated Neutron Y-Axis Caliper Dimensions
 3.98" x 10.25"
Weight 225 lbs

CALY - 52.89' From Tool Zero
 CNL LS - 52.07' From Tool Zero
 CNL SS - 51.48' From Tool Zero

Digital Telemetry Section Dimensions
 3.5" x 3.15"
Weight 52 lbs

Compensated Litho-Density X-Axis Caliper Dimensions
 3.88" x 8.35"
Weight 218 lbs

CALX - 38.94' From Tool Zero
 LDT w1 - 38.68' From Tool Zero
 LDT w2 - 38.68' From Tool Zero
 LDT w3 - 38.68' From Tool Zero
 LDT w4 - 38.68' From Tool Zero
 LDT SS - 38.19' From Tool Zero

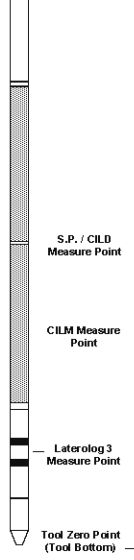
Borehole Compensated Sonic Tool Dimensions
 3.5" x 15.75"
Weight 210 lbs

T1R1 - 33.35' From Tool Zero
 T1R2 - 31.35' From Tool Zero

T2R1 - 28.54' From Tool Zero
 T2R2 - 28.37' From Tool Zero

Tool String Length Total
 73.64'
Total Tool Weight
 1278 lbs

Dual Induction
SP
ILD
ILM
LL3



Dual Induction Tool
Dimensions
3.62" x 21"
Weight 290 lbs

S.P. / CILD
Measure Point

SP - 10.95' From Tool Zero
ILD - 10.95' From Tool Zero

CILM Measure
Point

ILM - 7.22' From Tool Zero

Laterolog 3
Measure Point

LL3 - 1.67' From Tool Zero

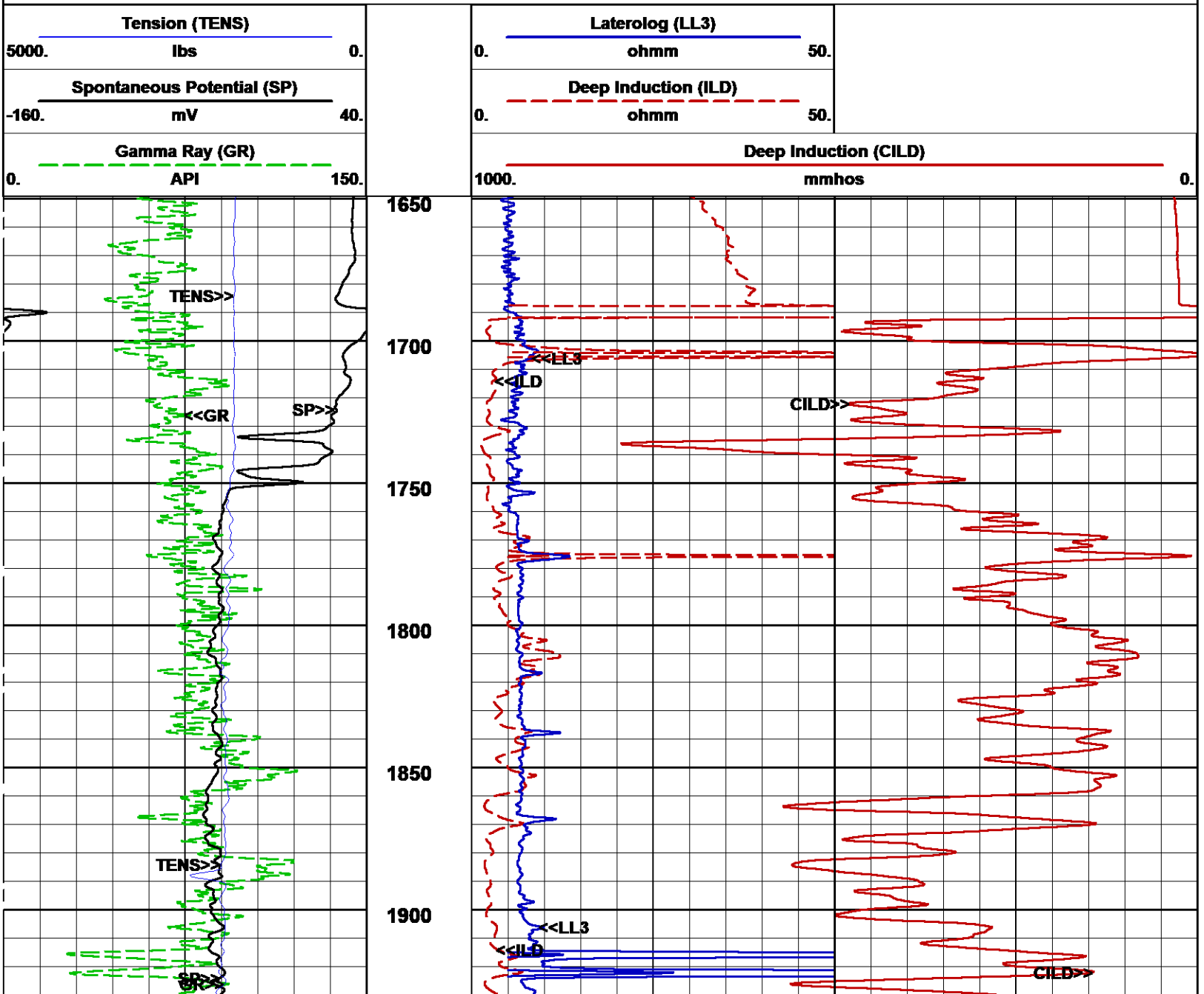
Tool Zero Point
(Tool Bottom)

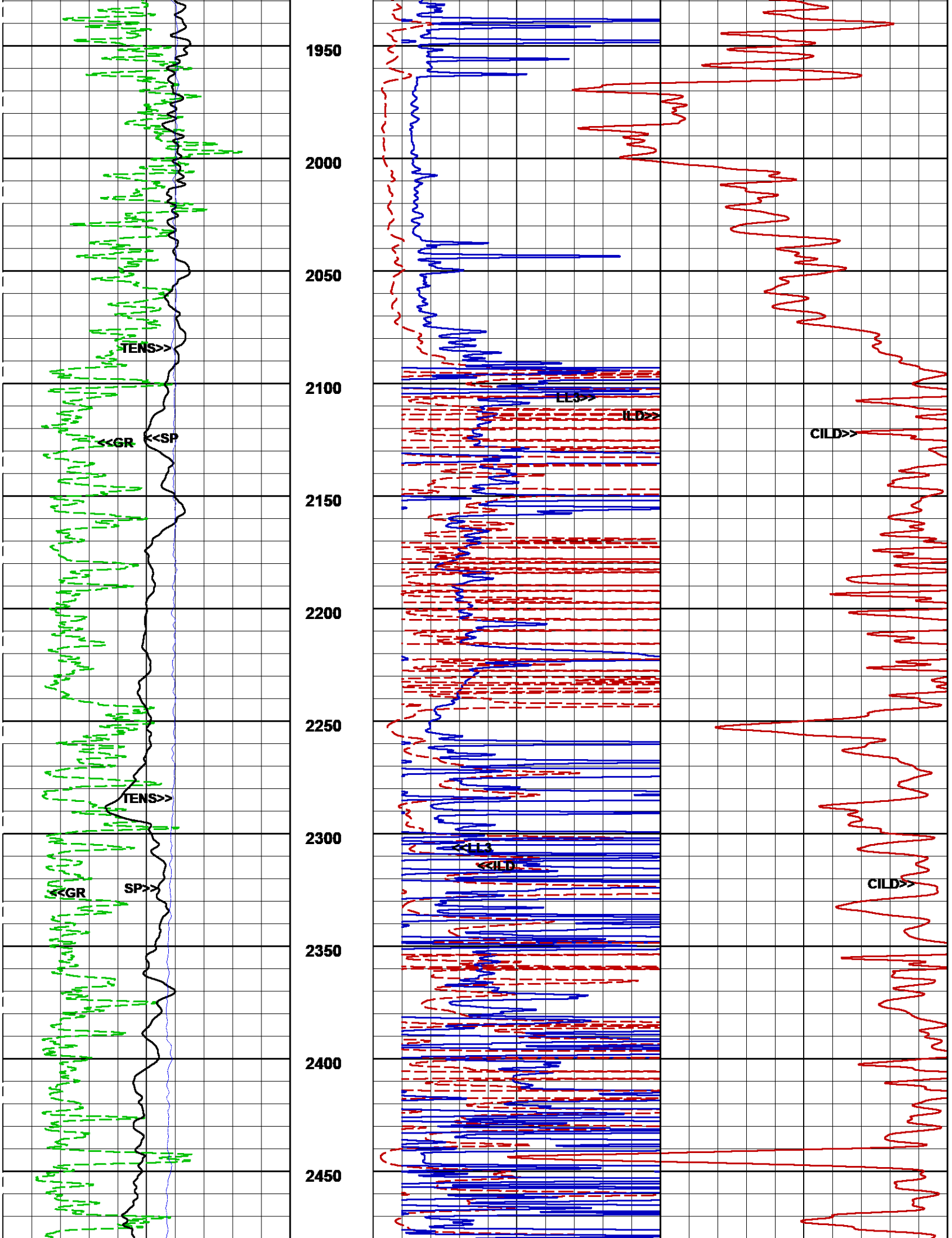
All Measurements are
taken from Tool Zero

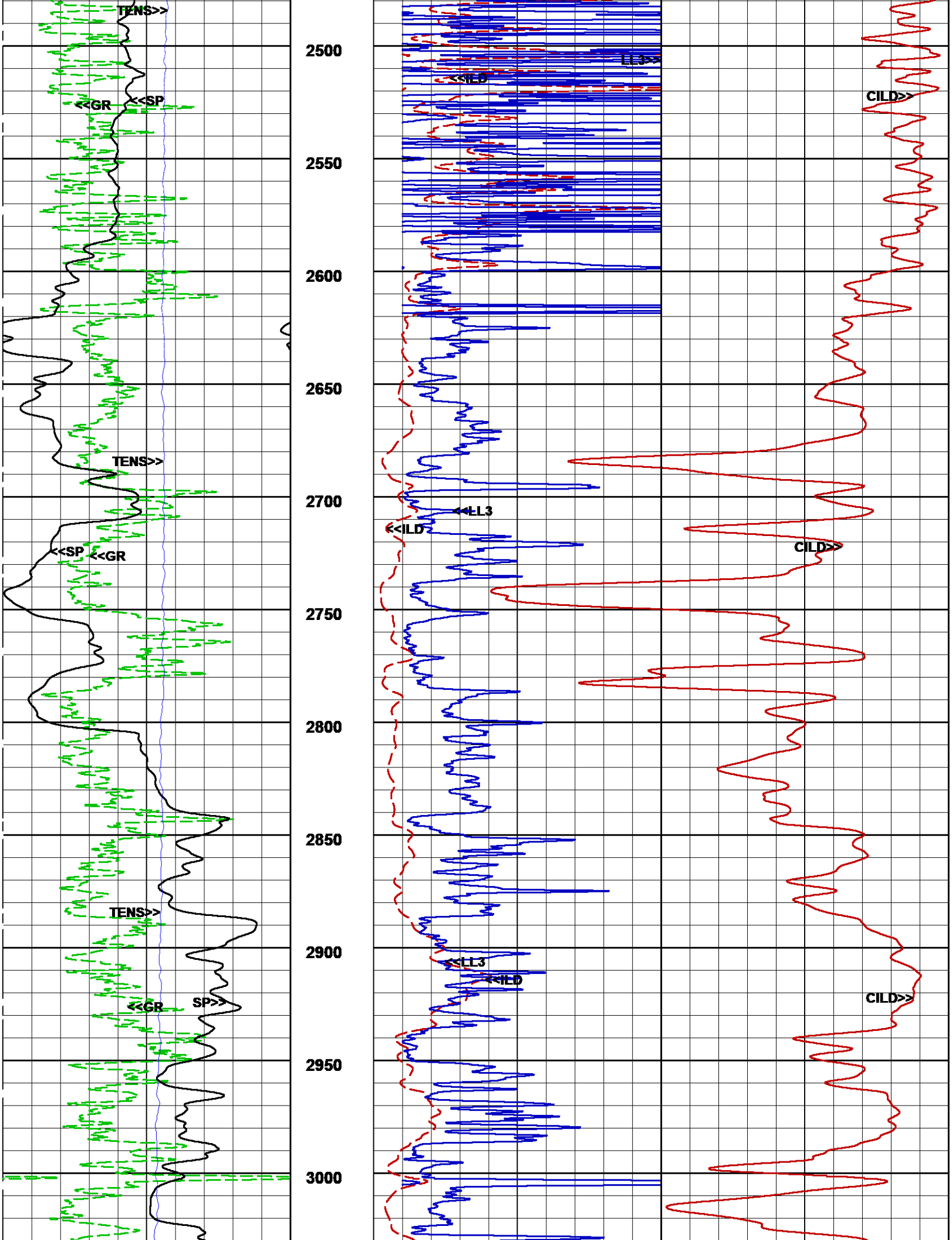
08/08/2021
09:19:23 => End Time

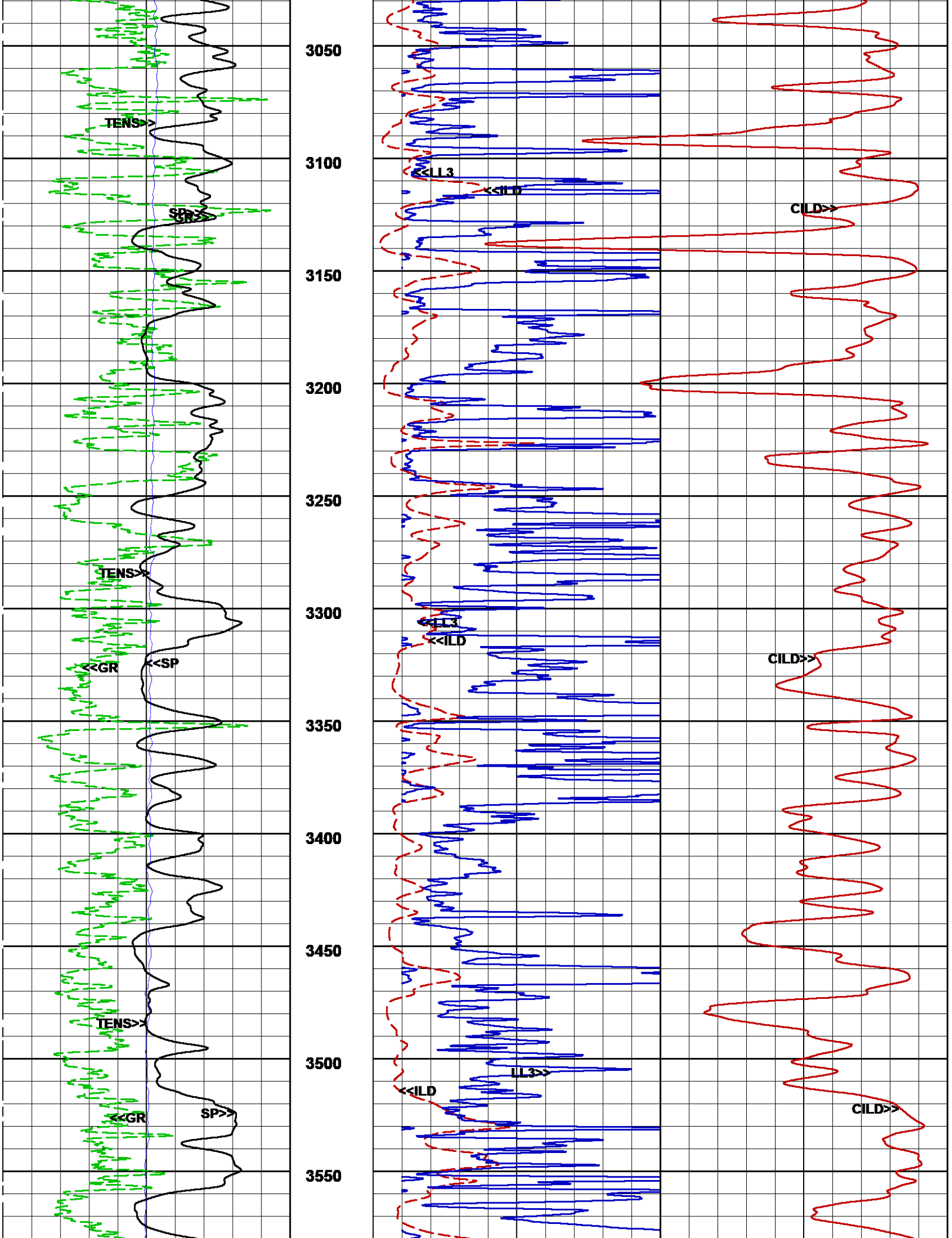
MAIN PASS (2"/100Ft)

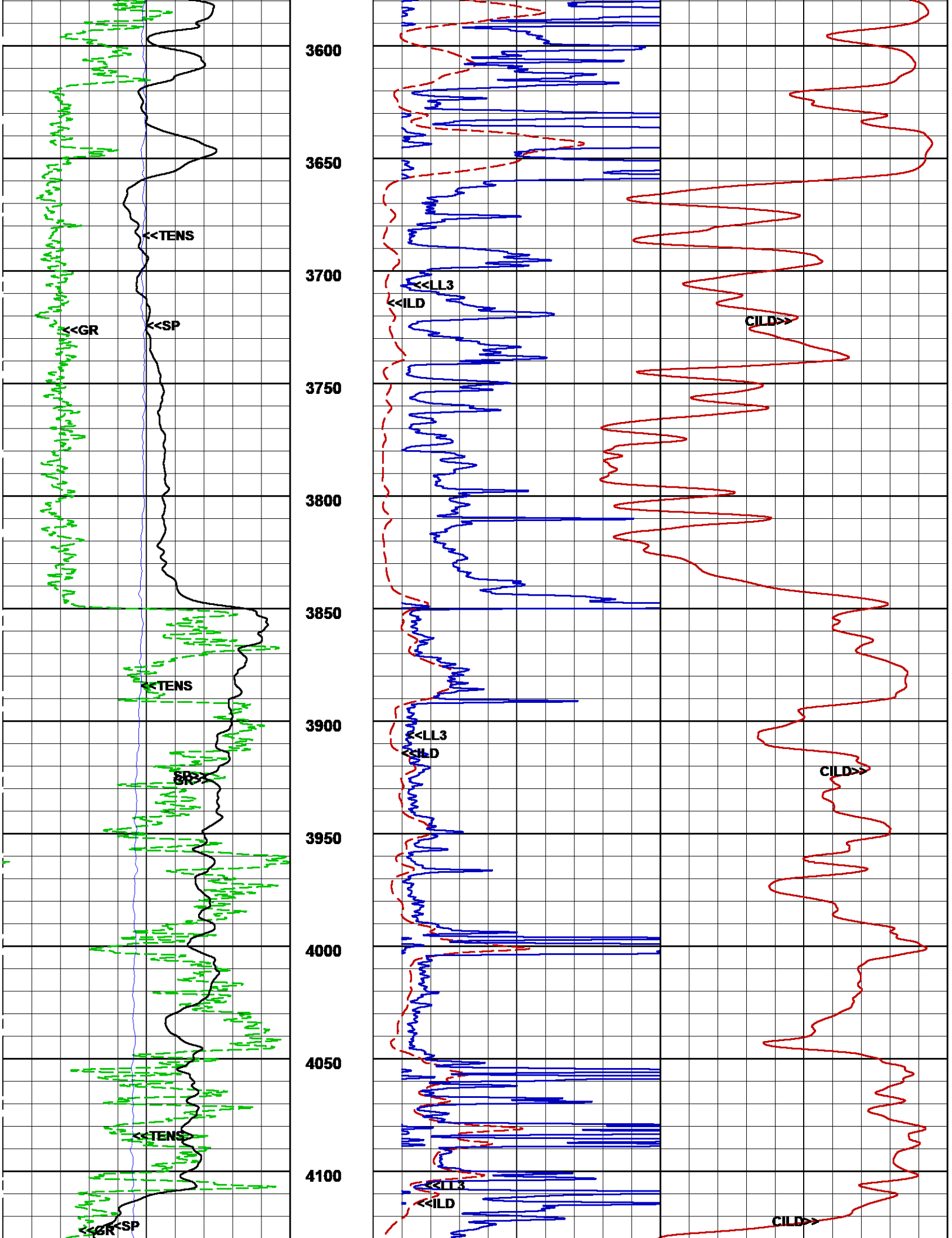
Log UP - (VER 12.43)
End Depth=> 1649.75 Feet

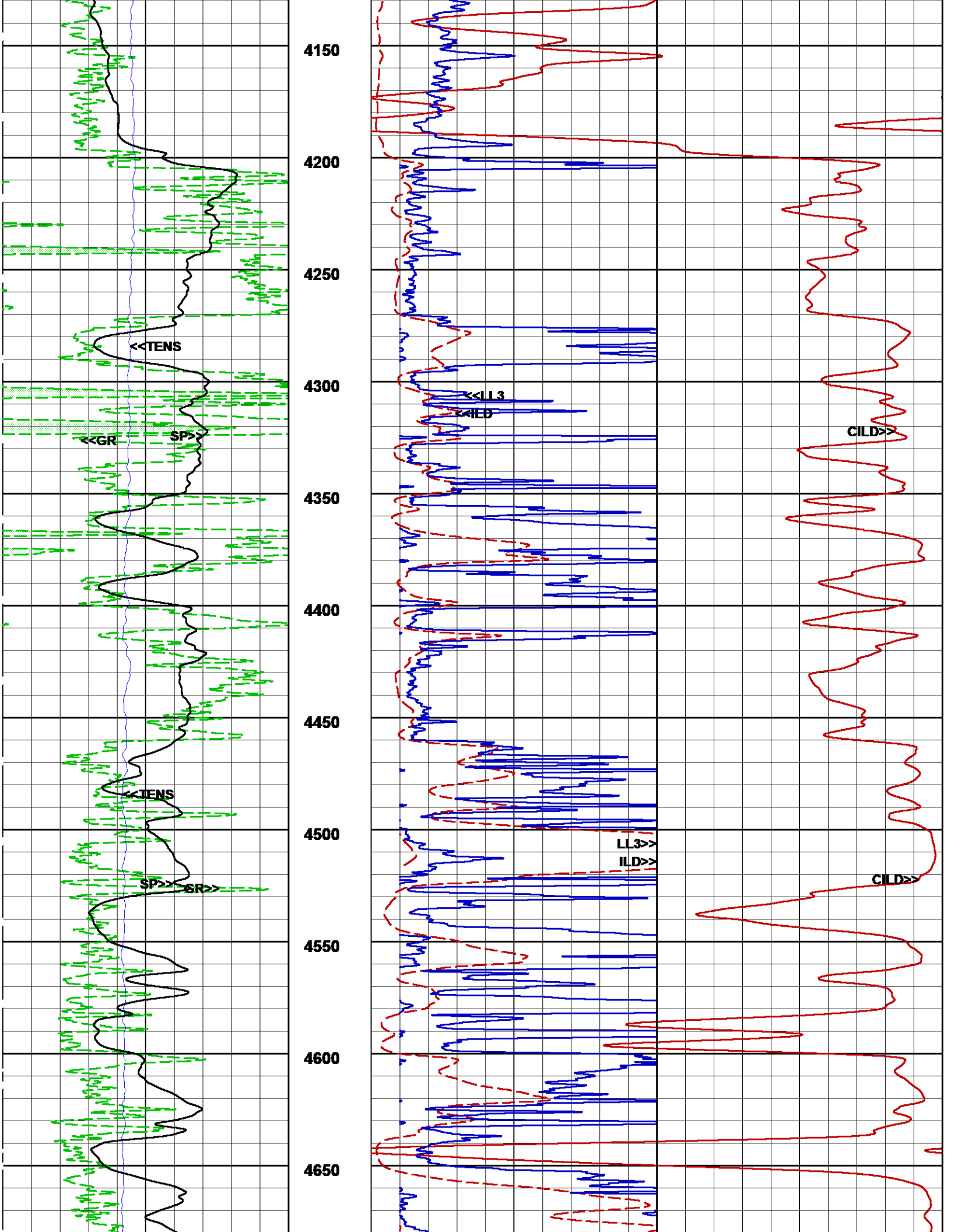


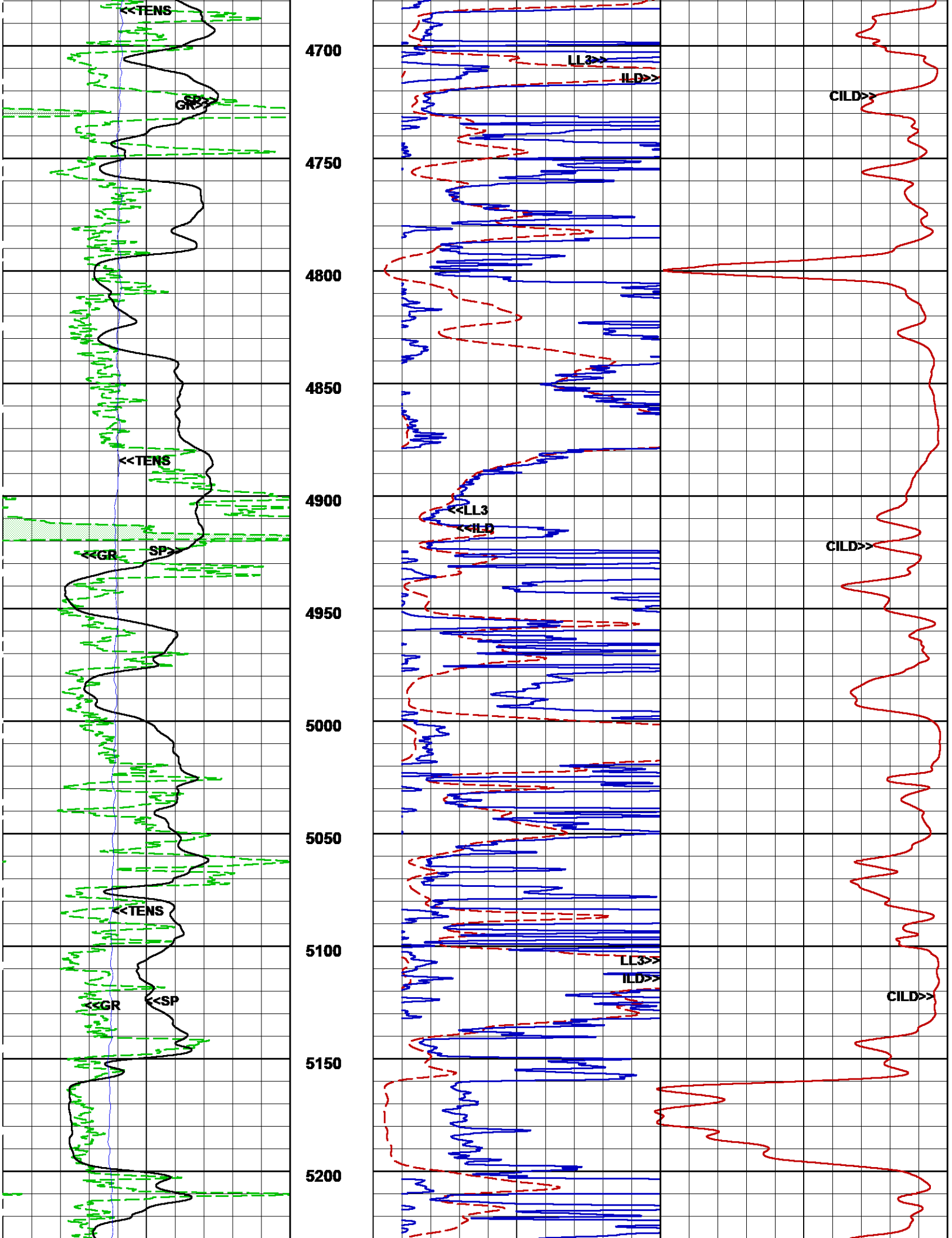


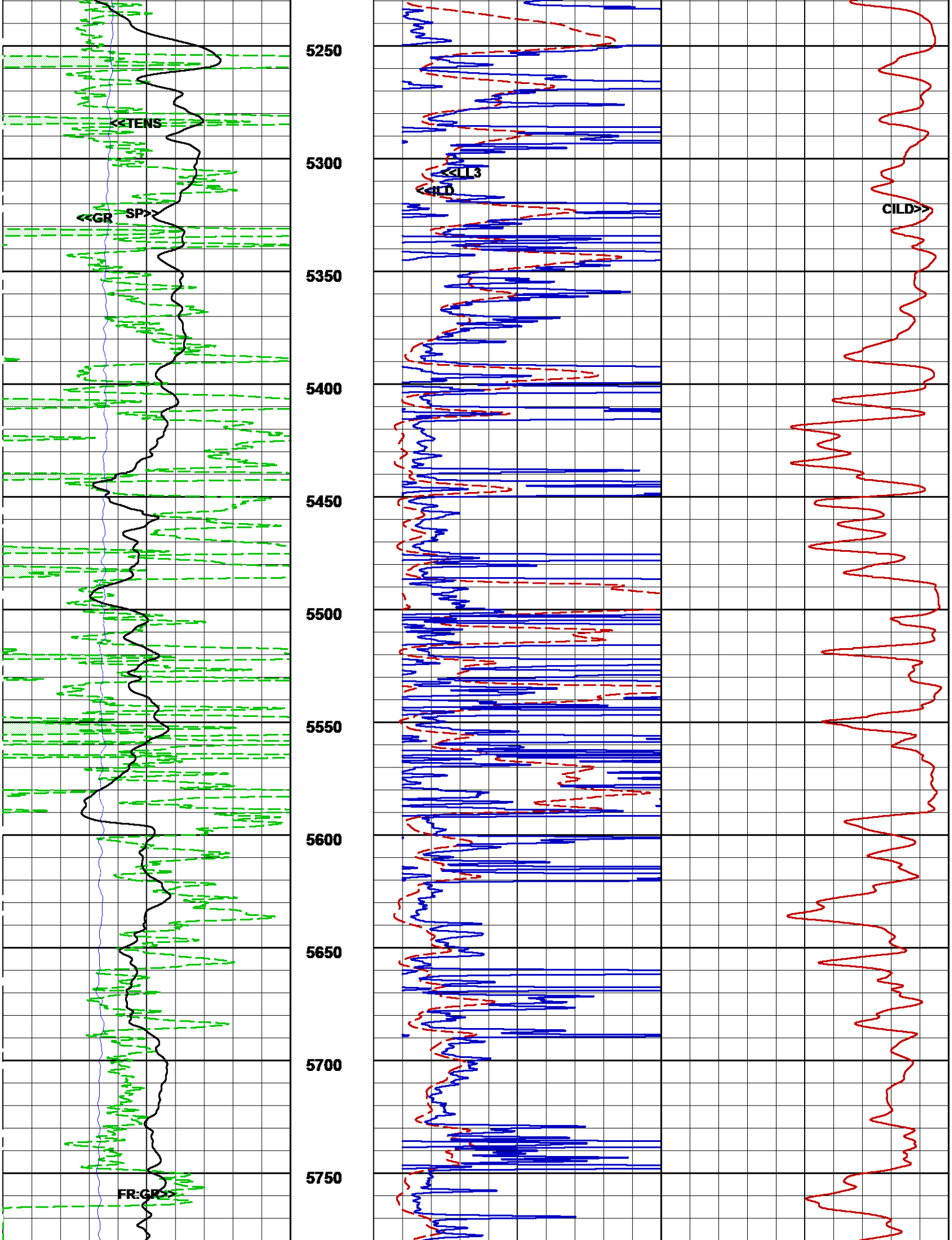


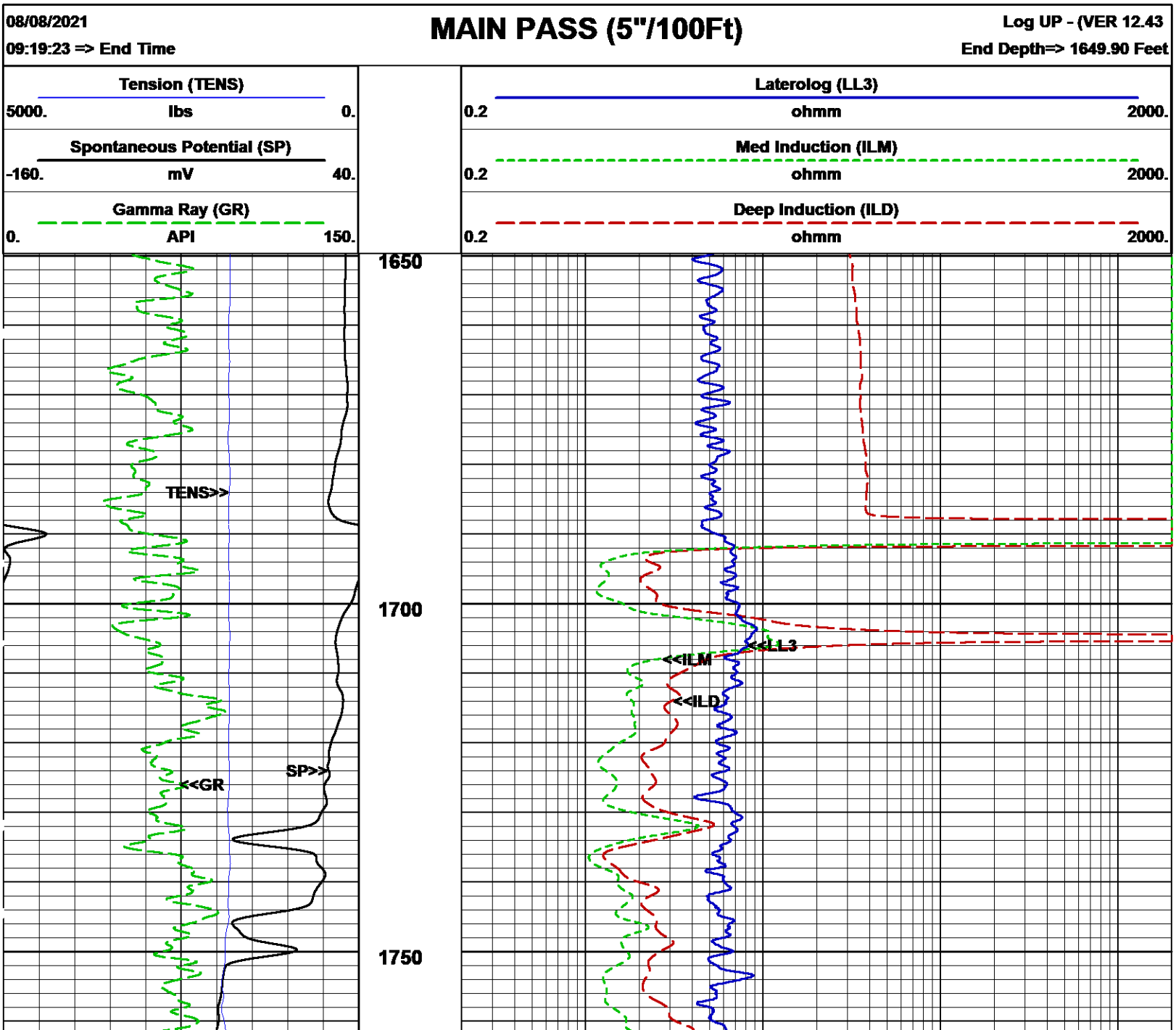
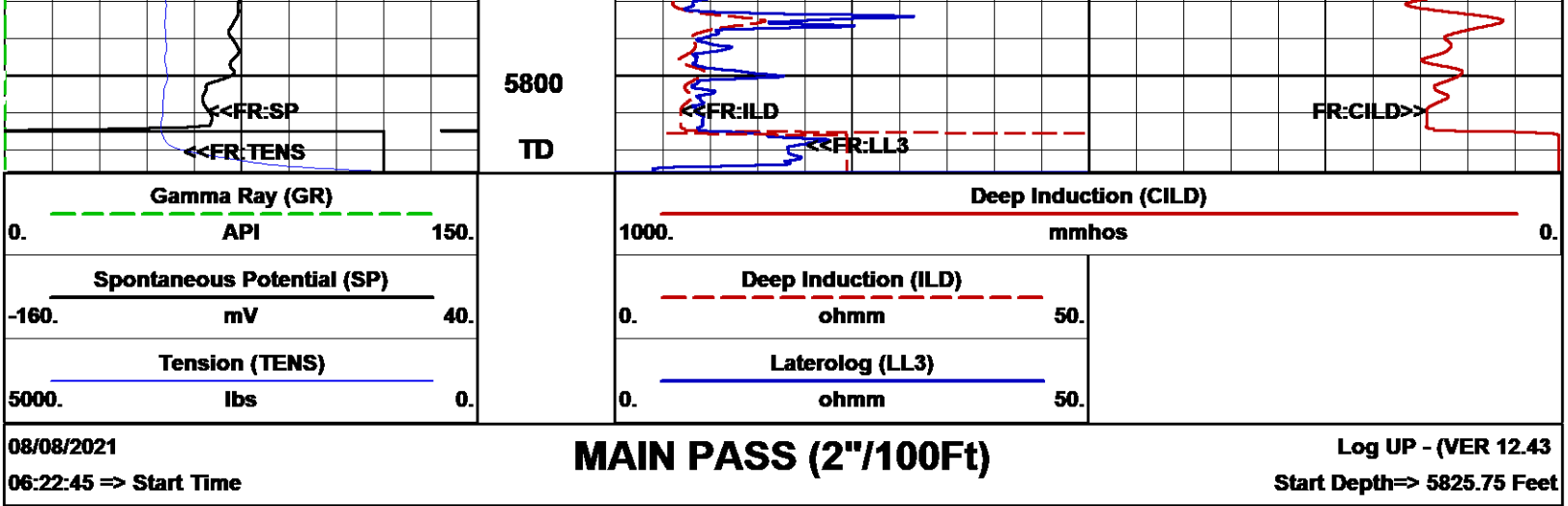


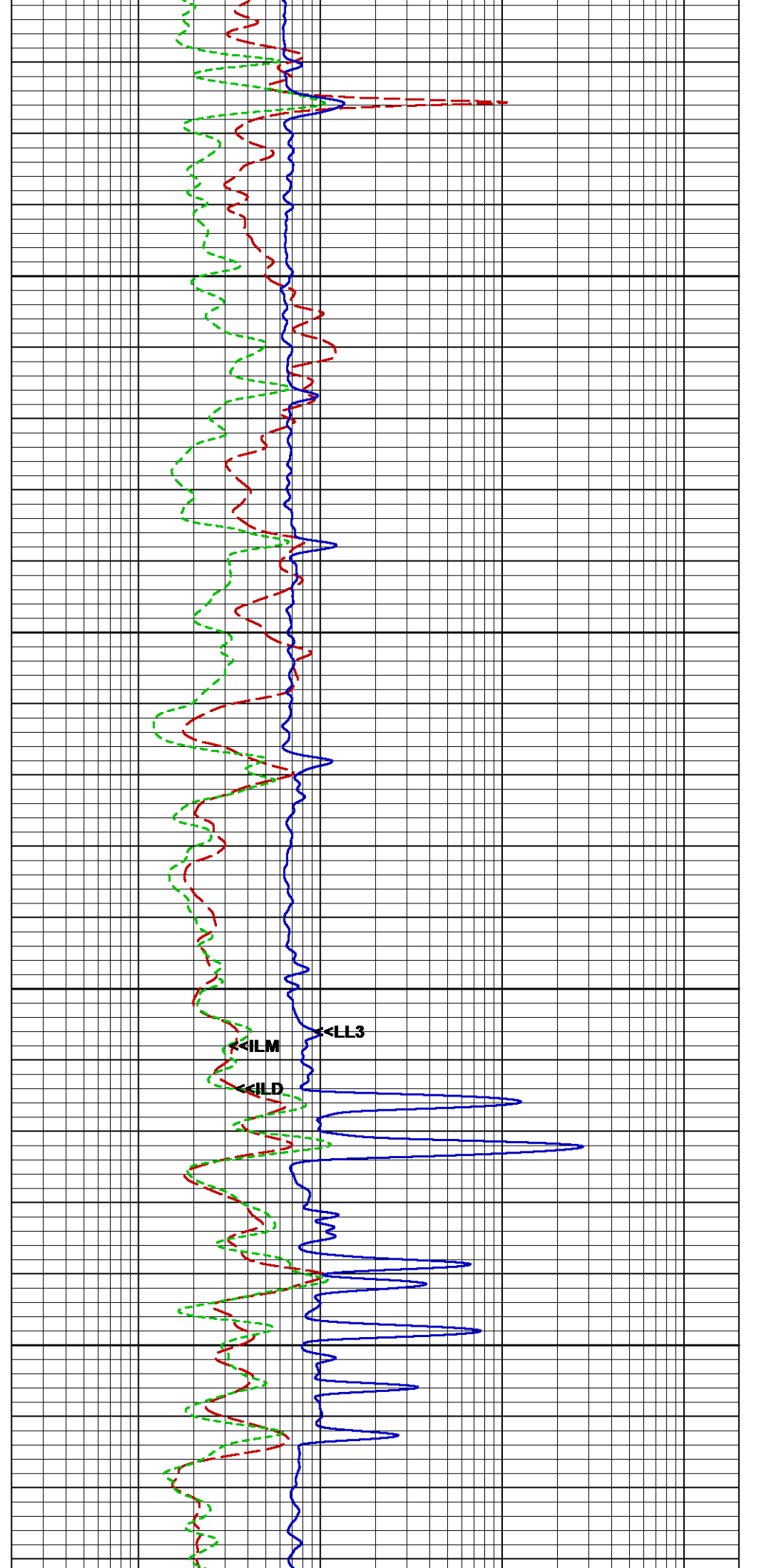
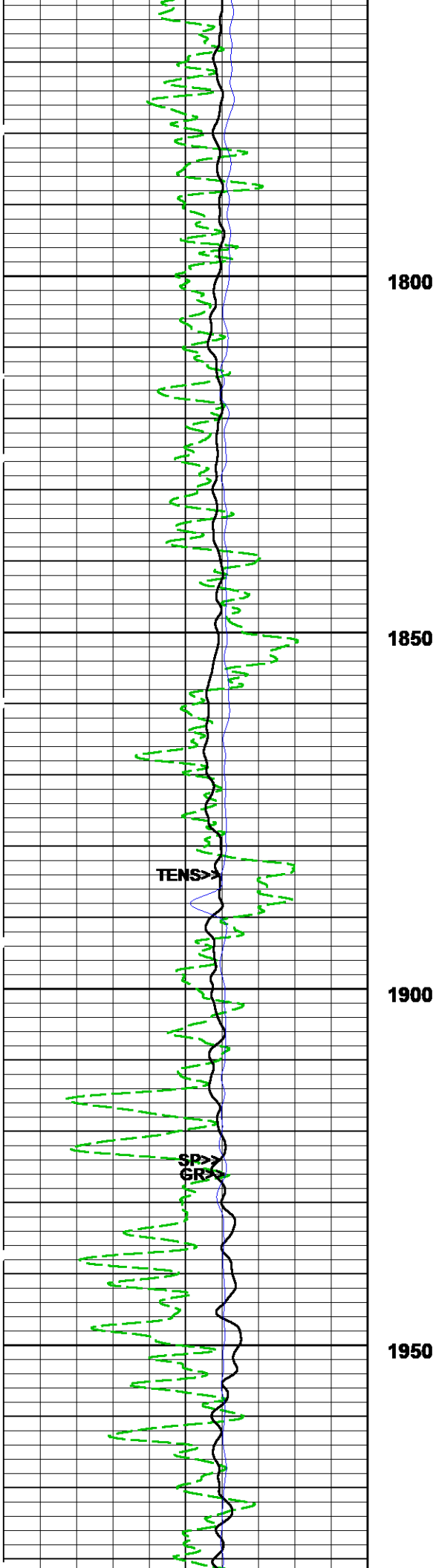


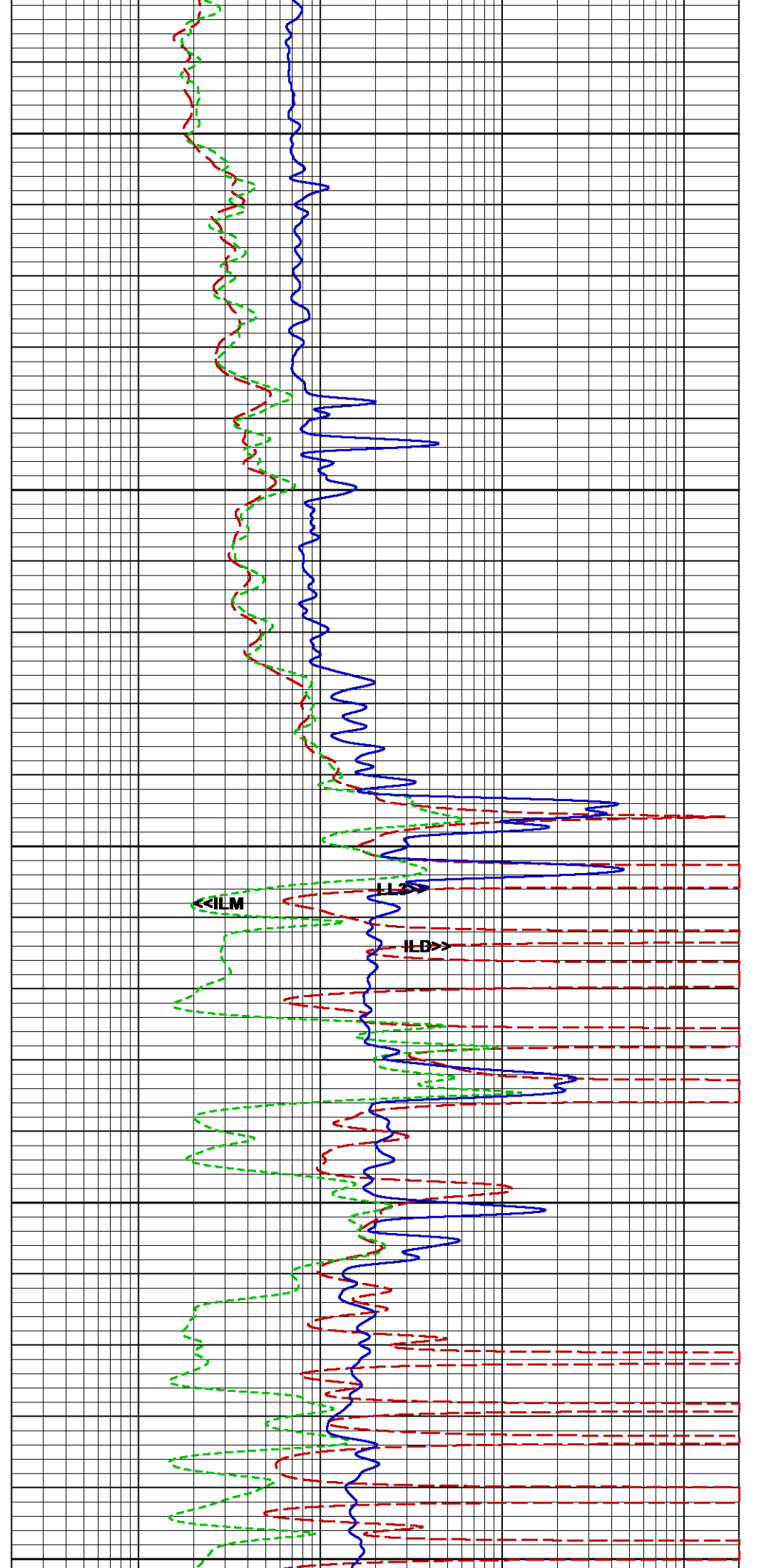
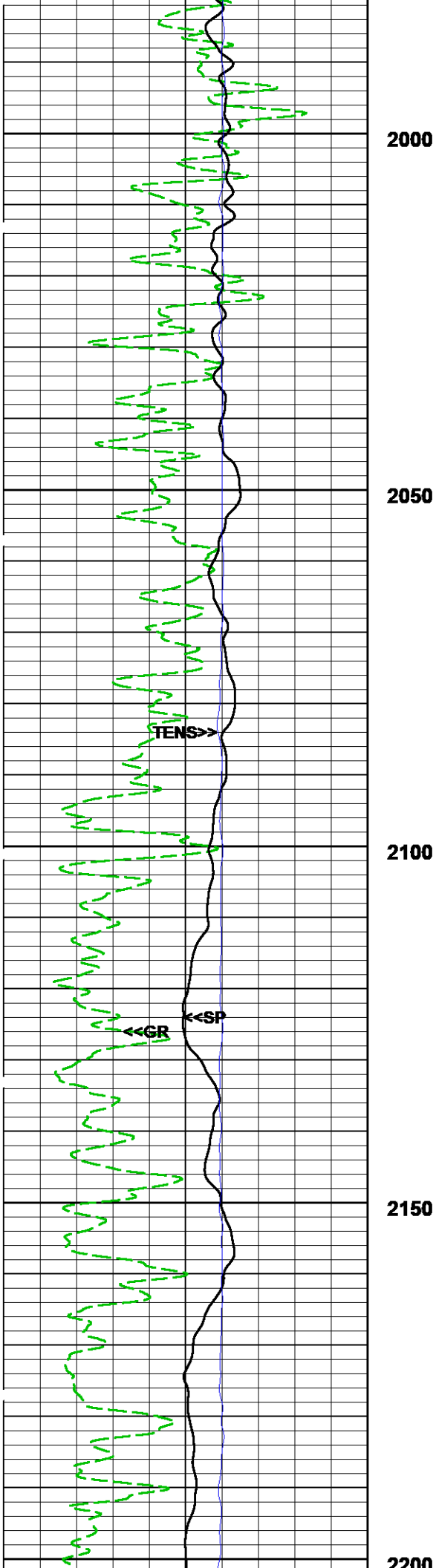


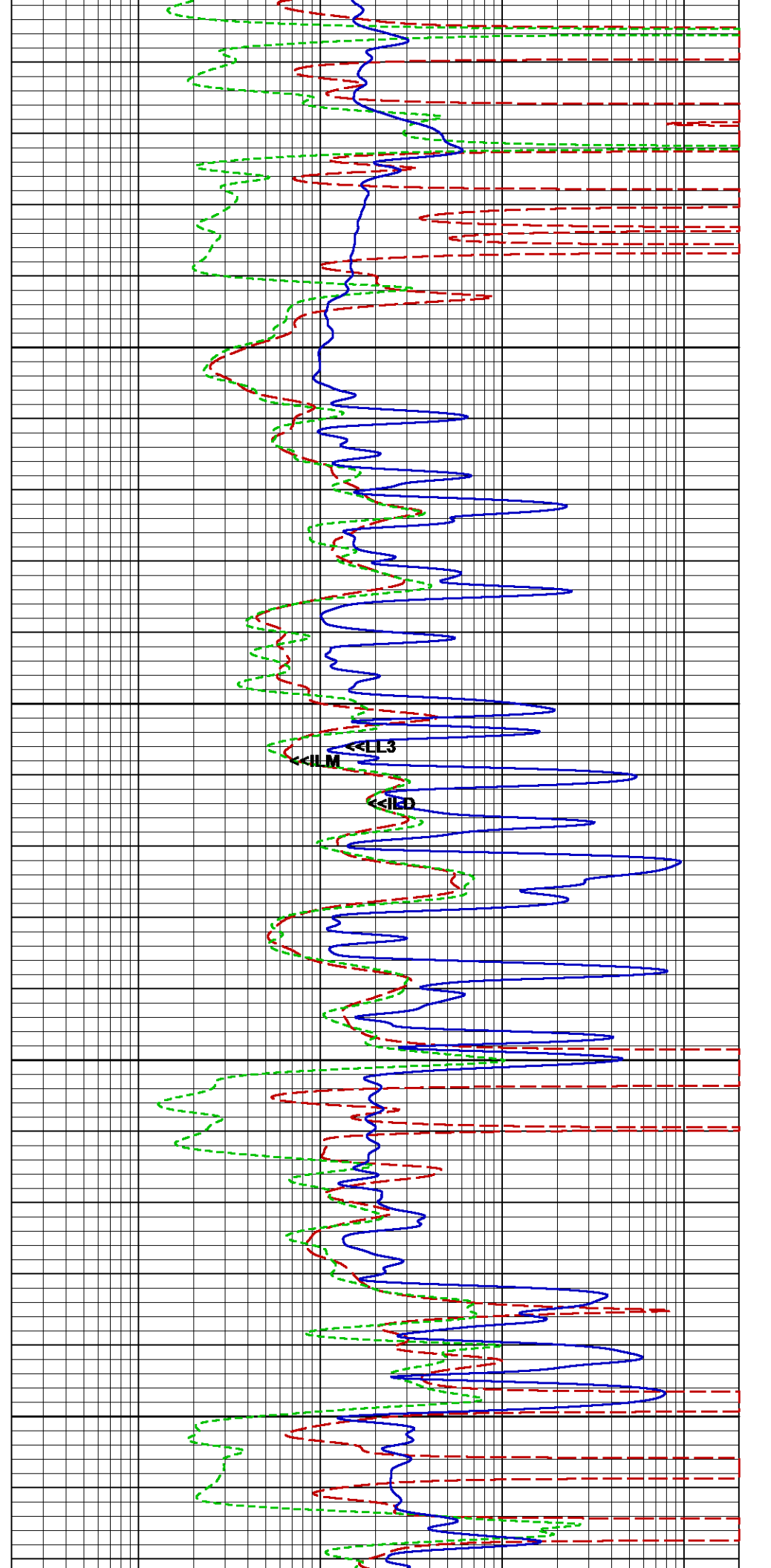
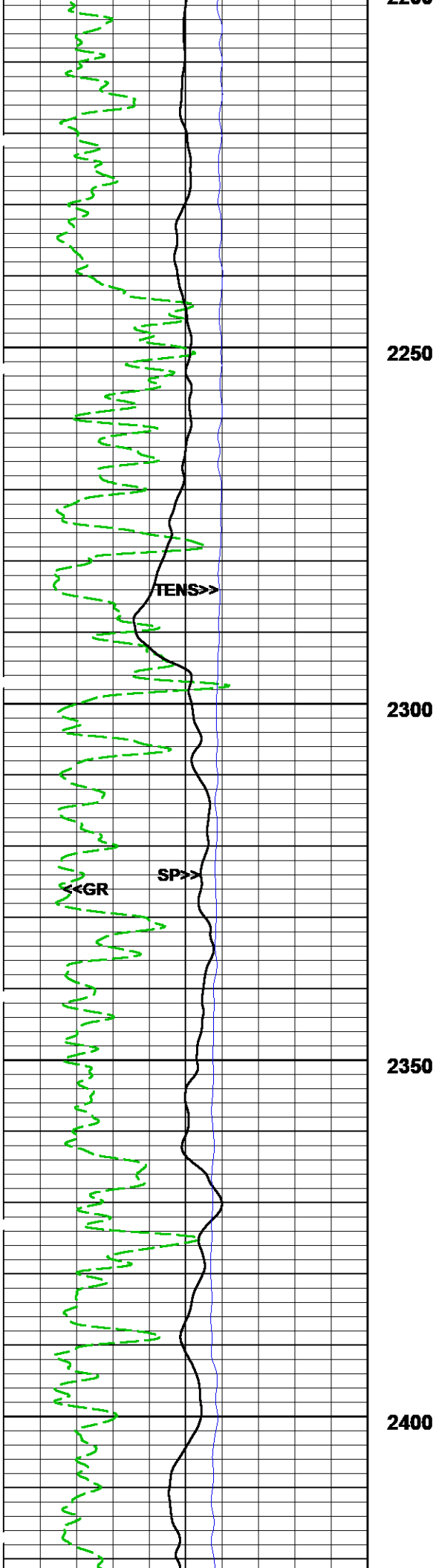


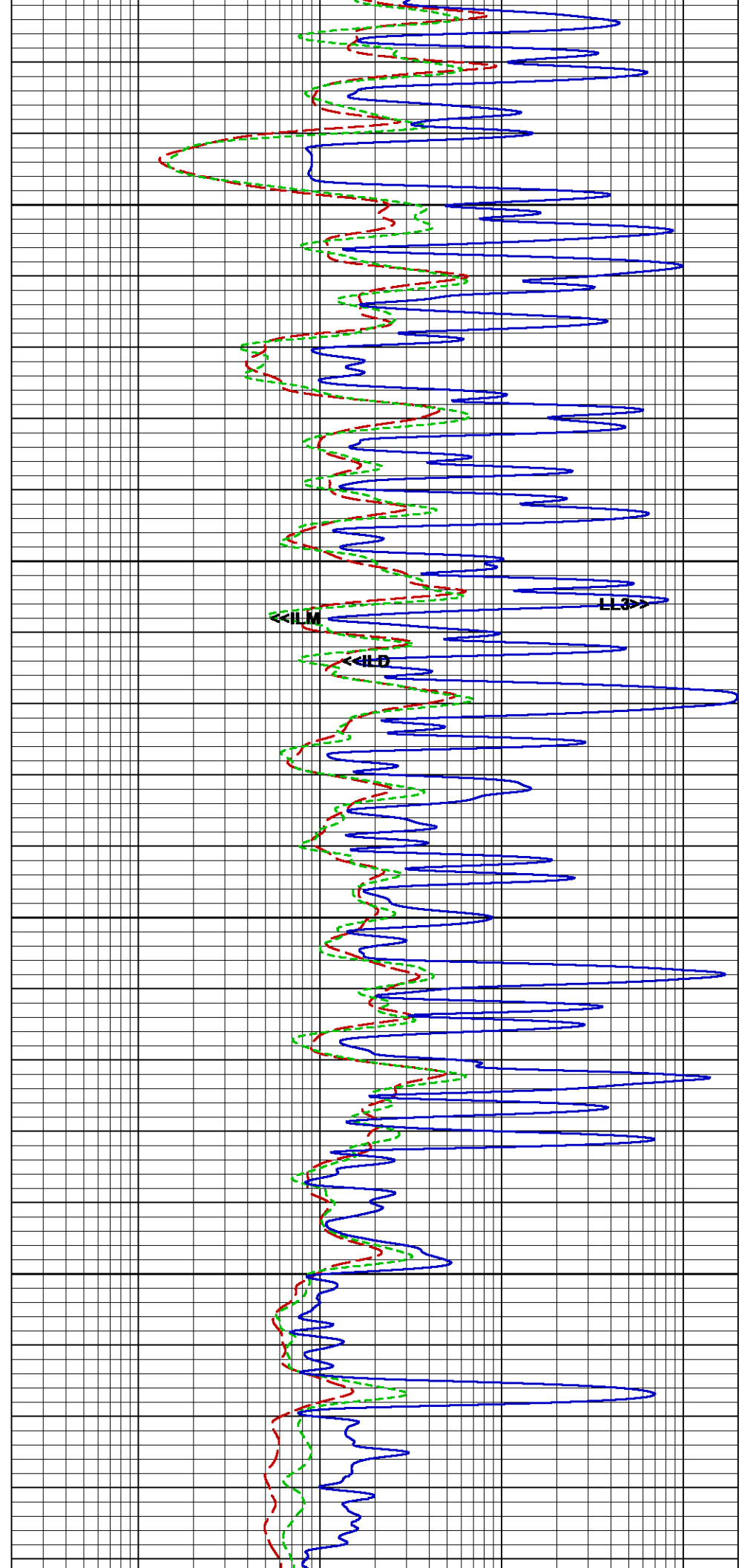
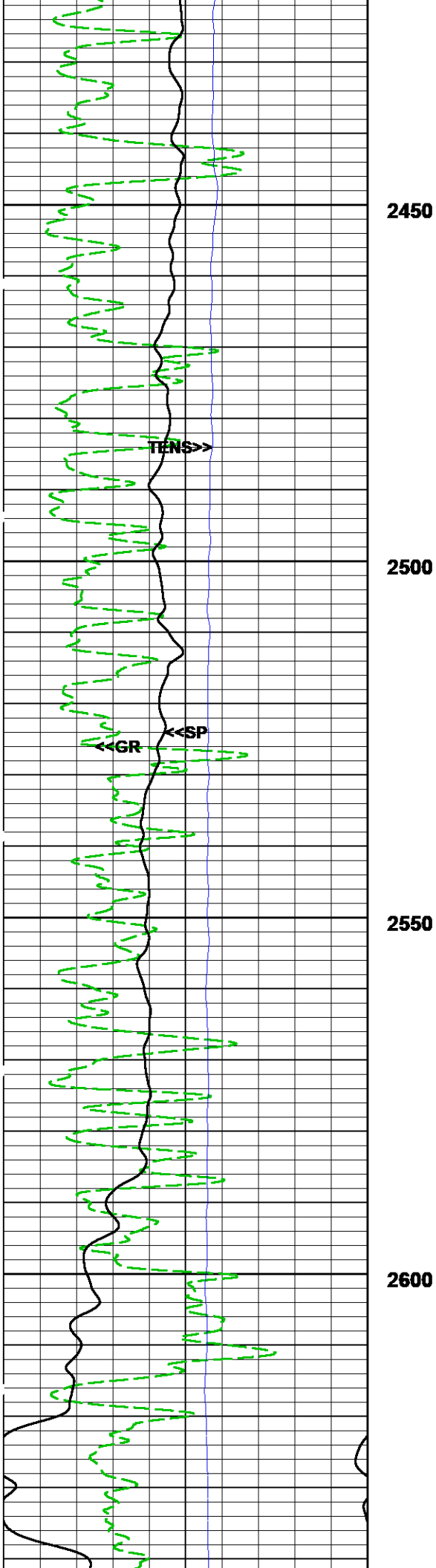


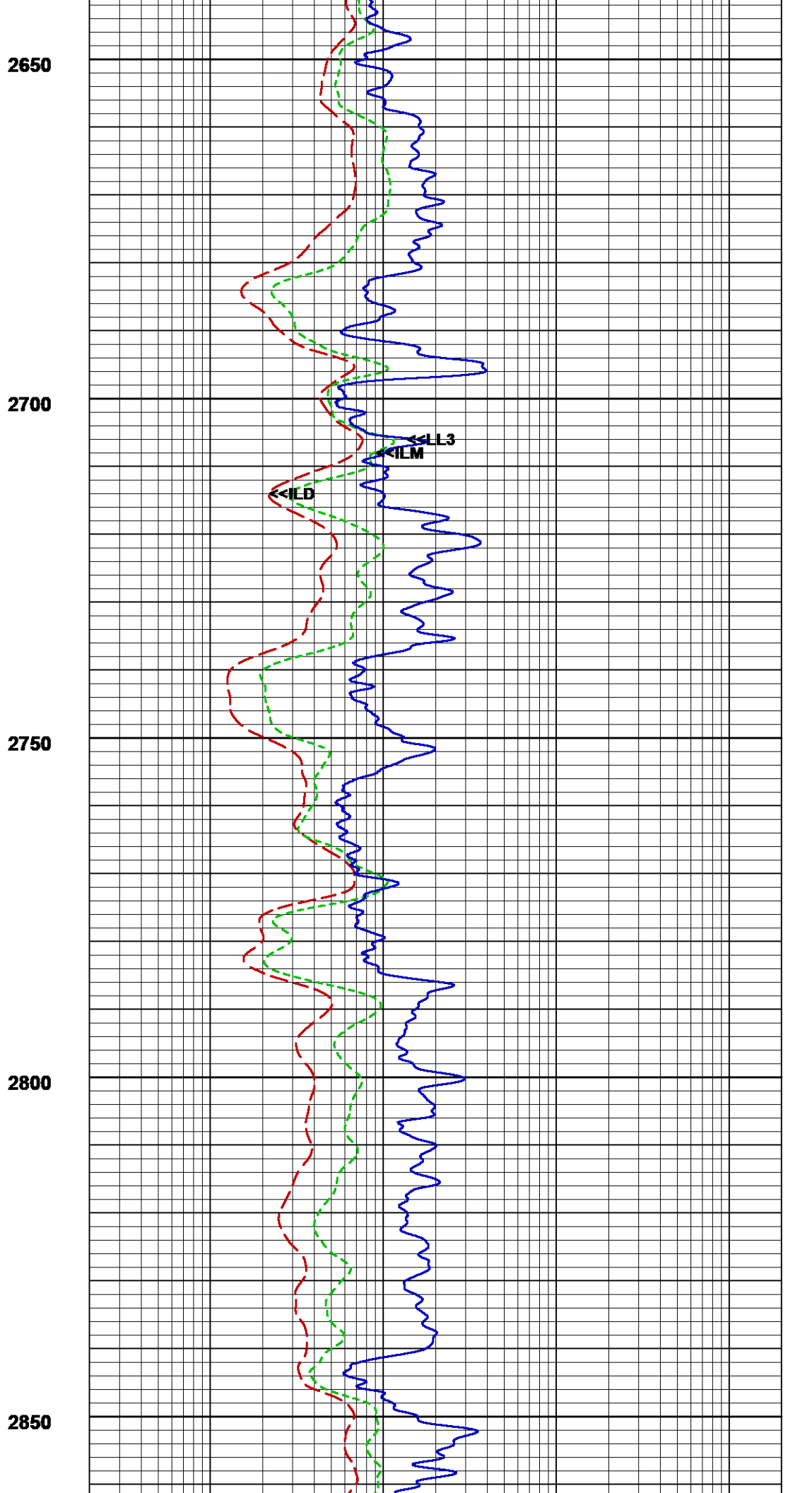
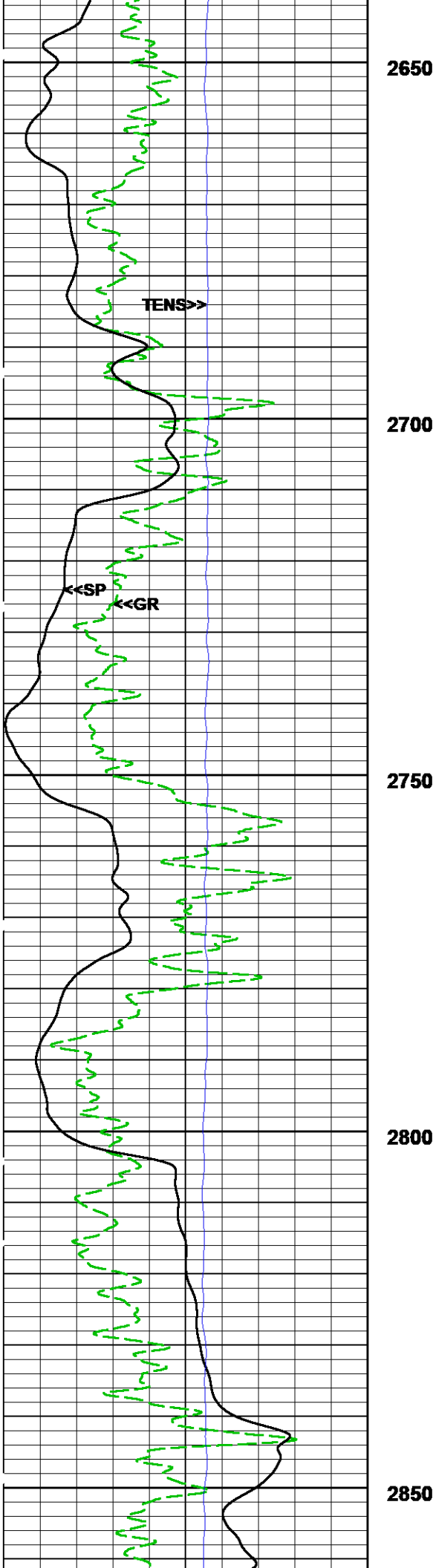


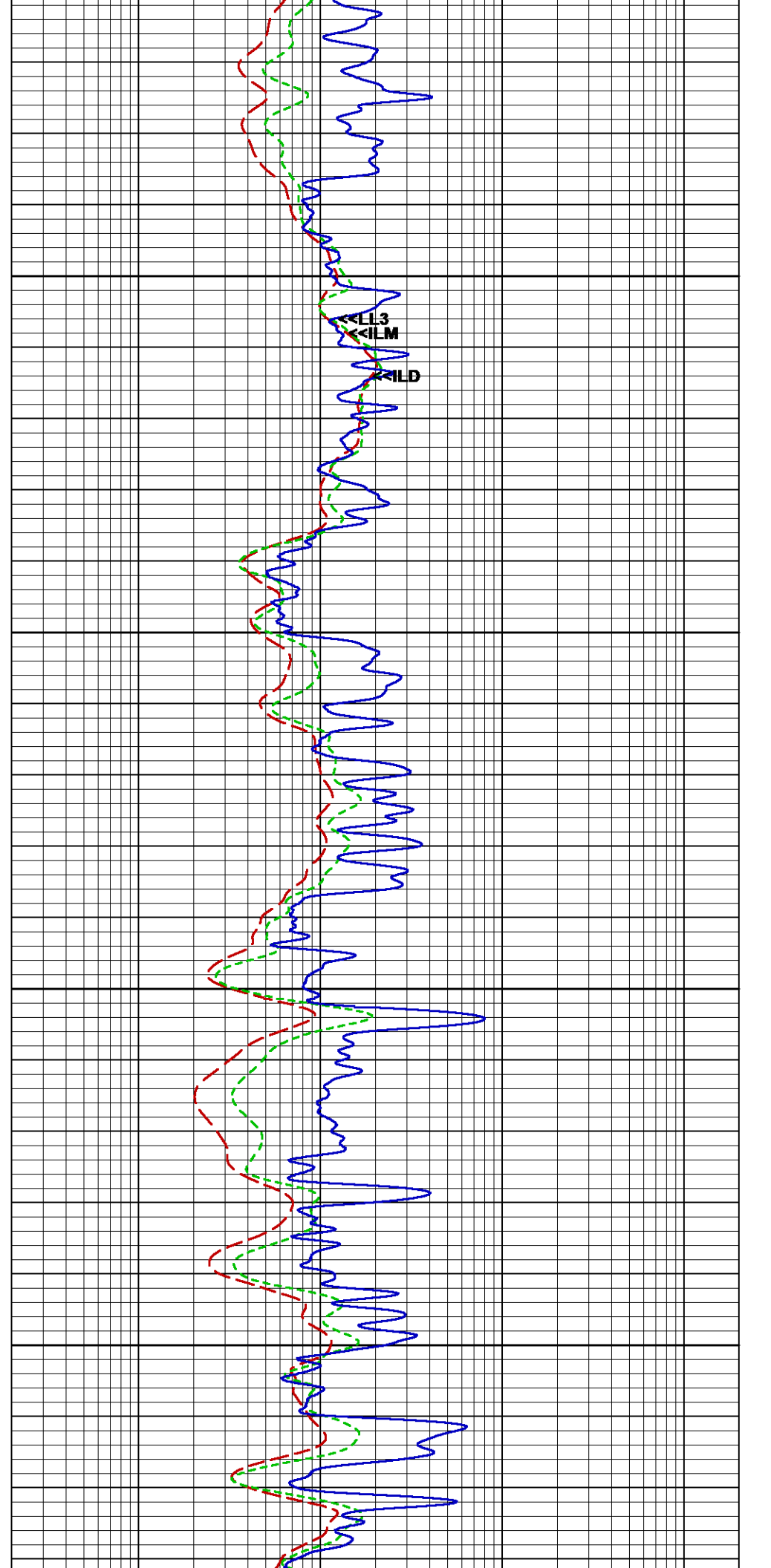
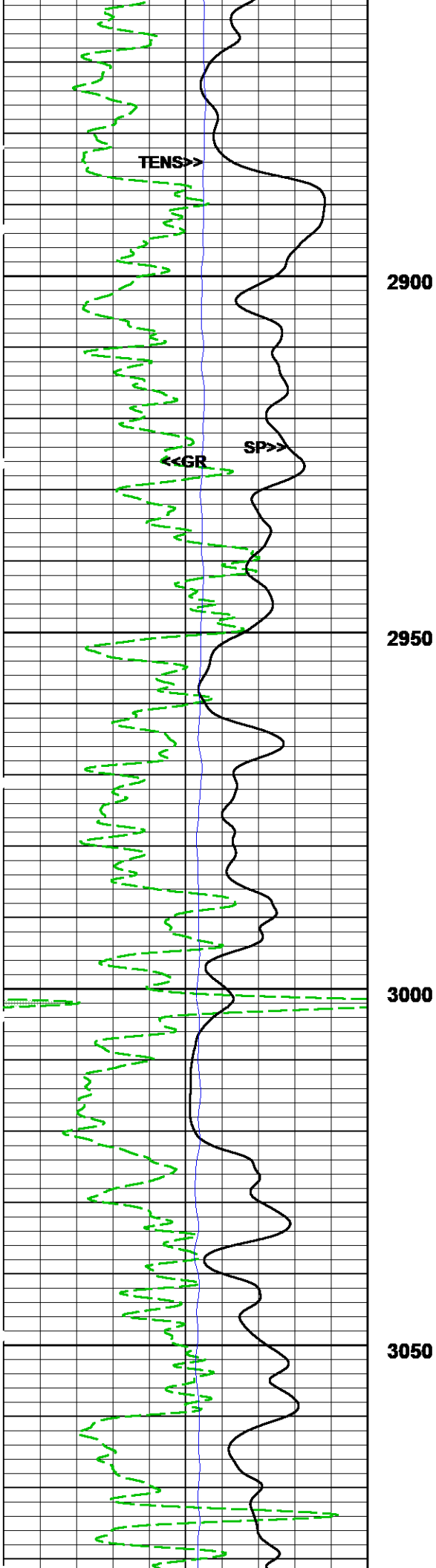


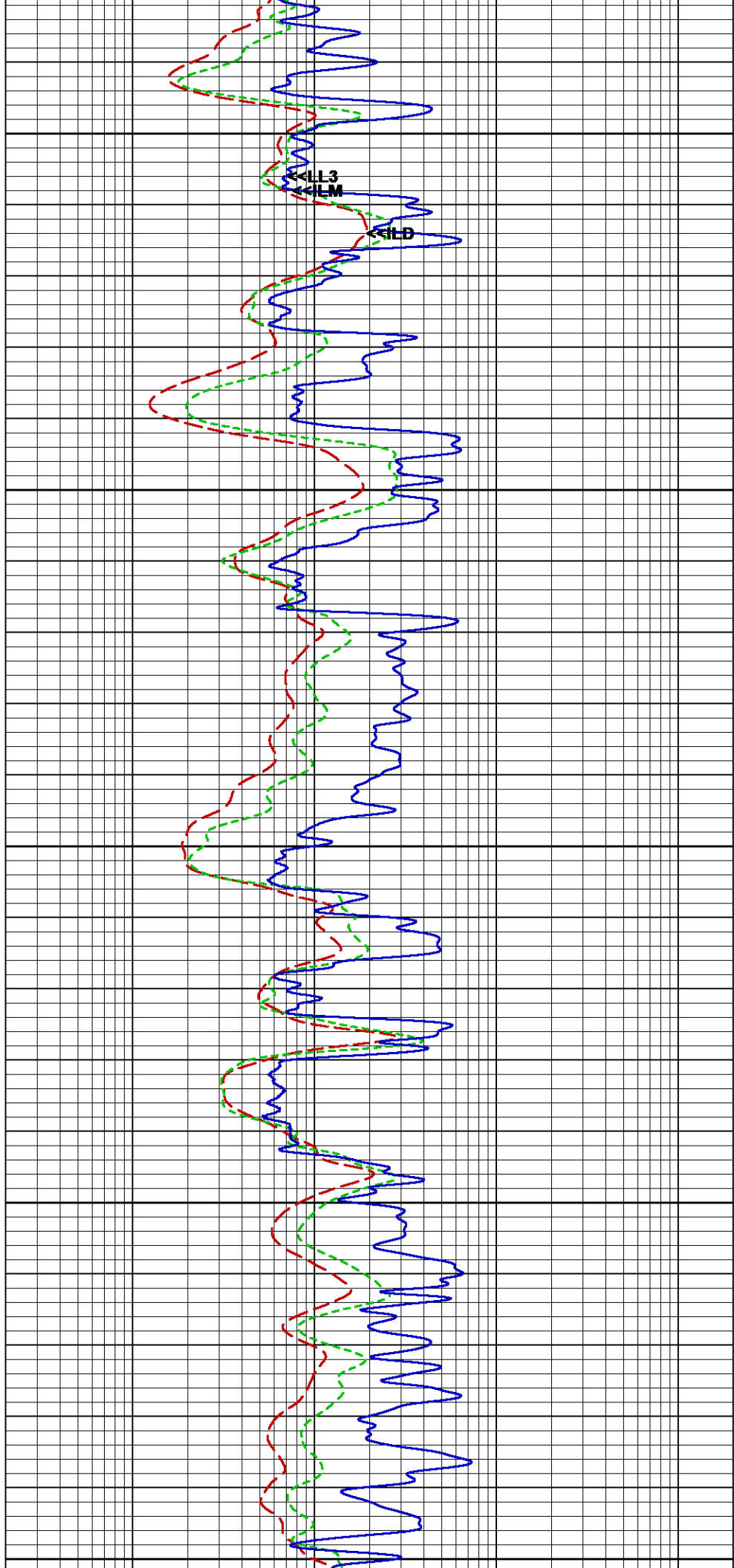
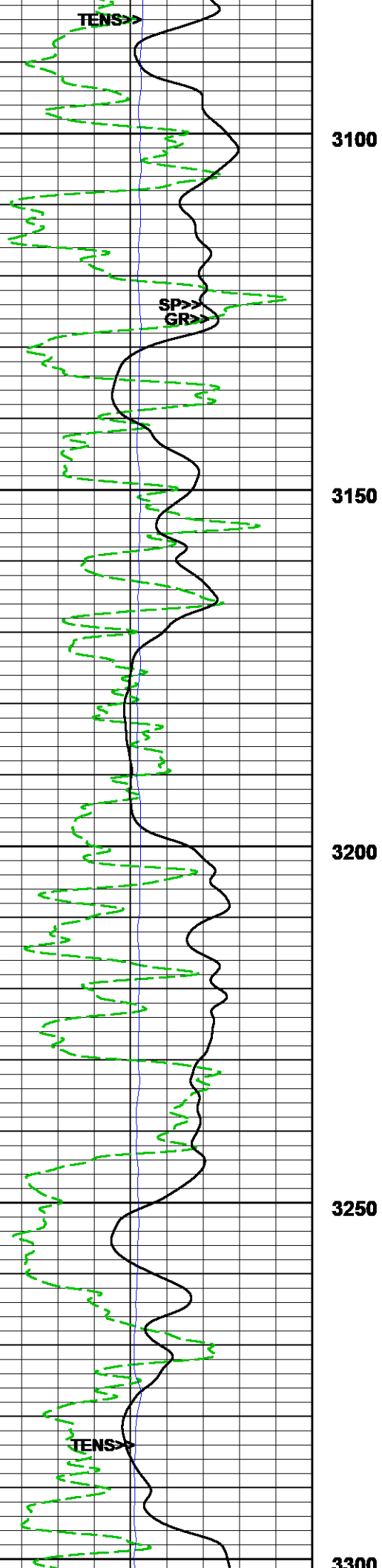












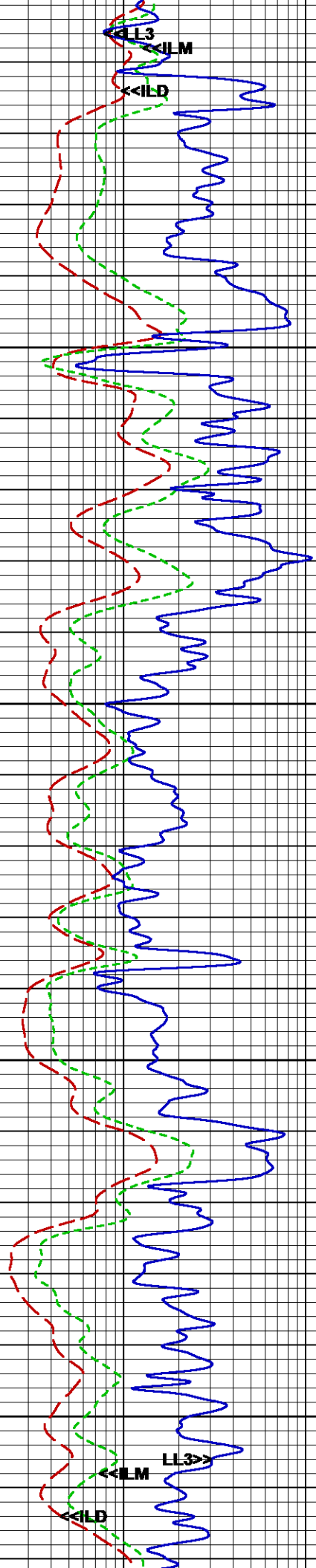
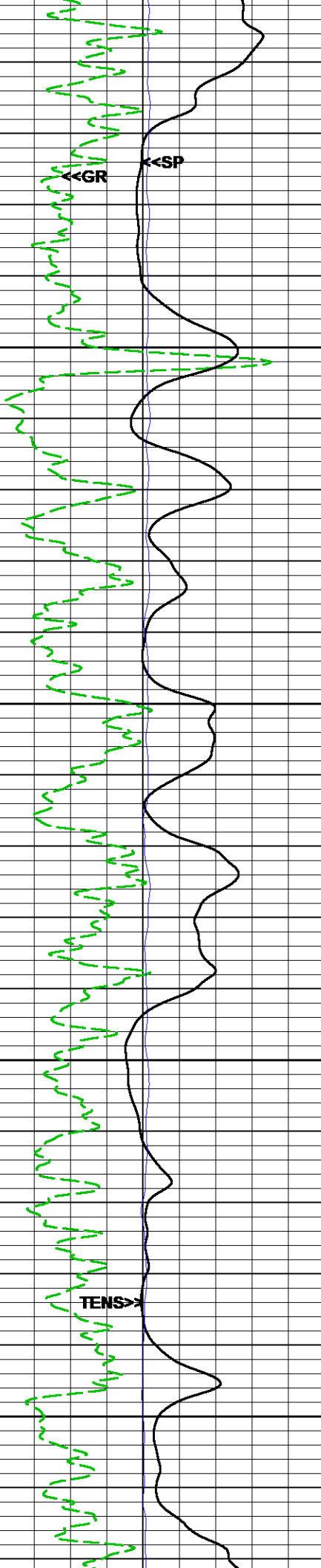
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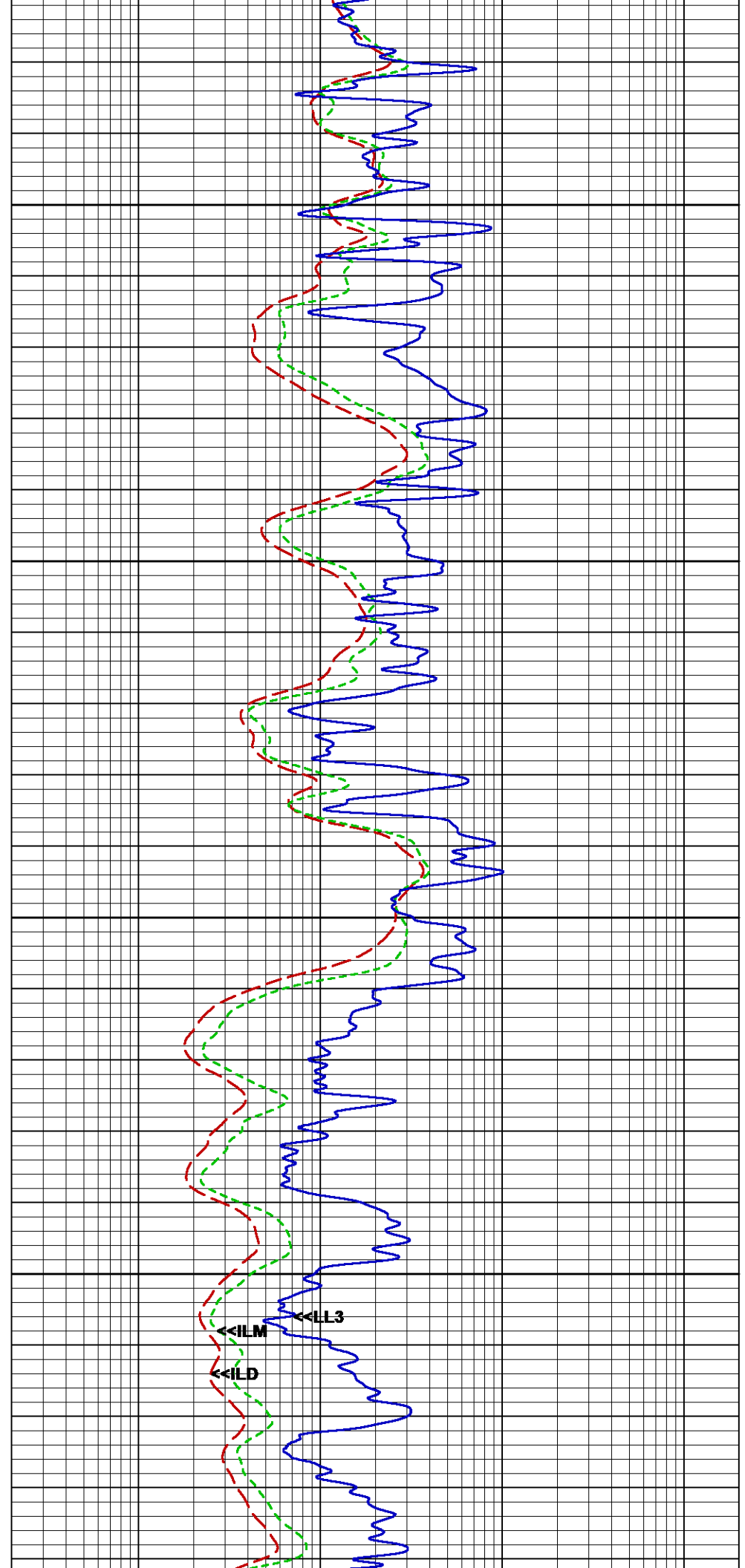
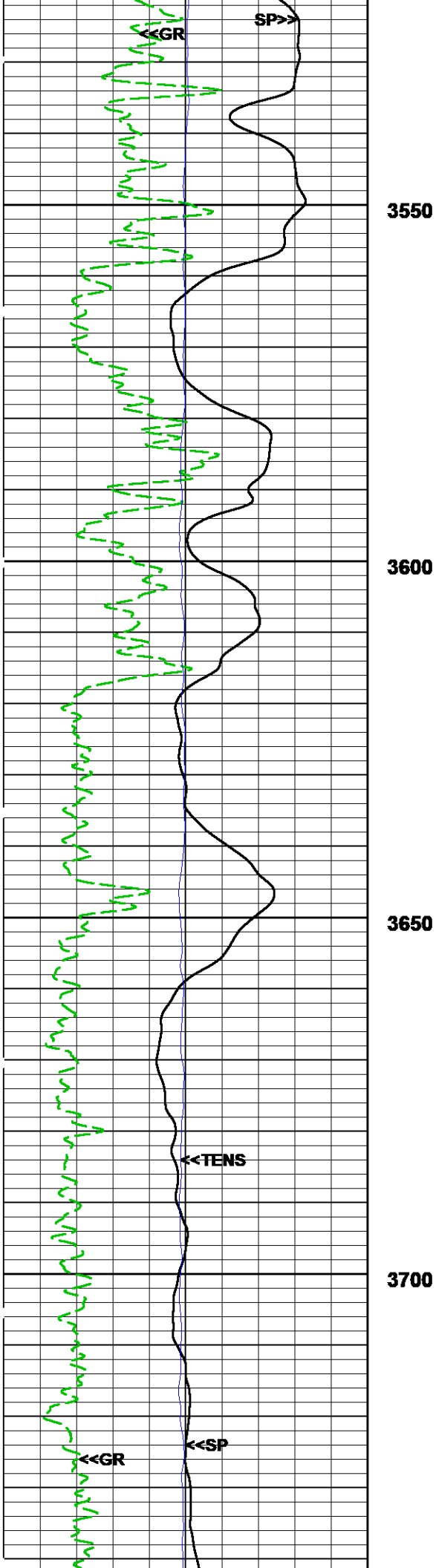
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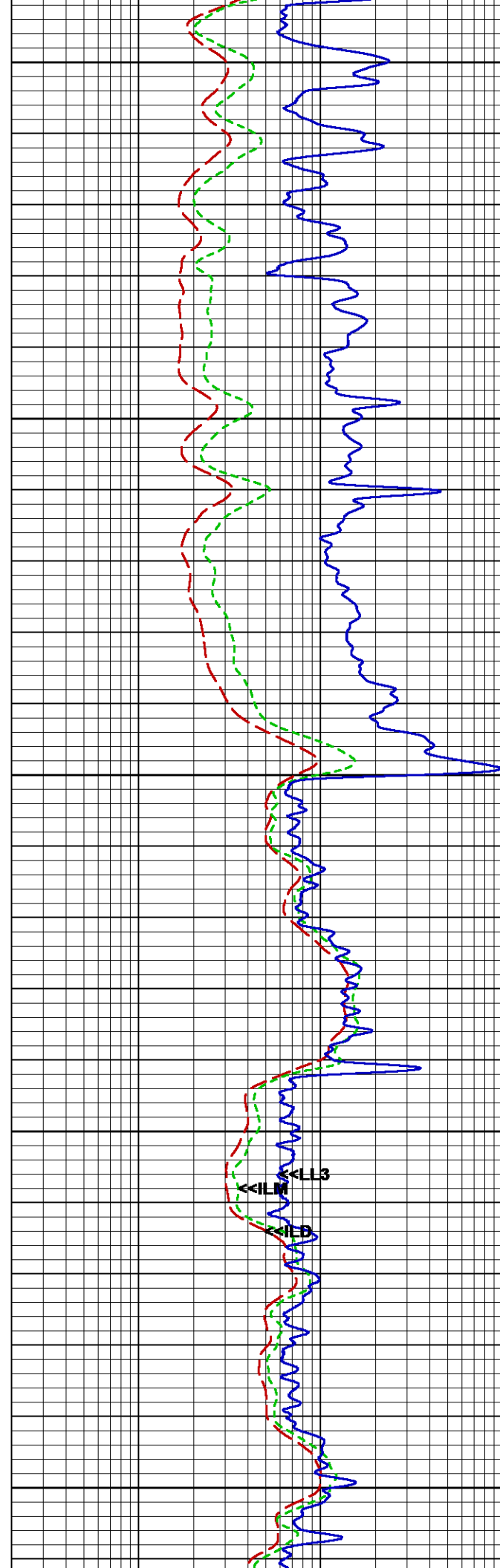
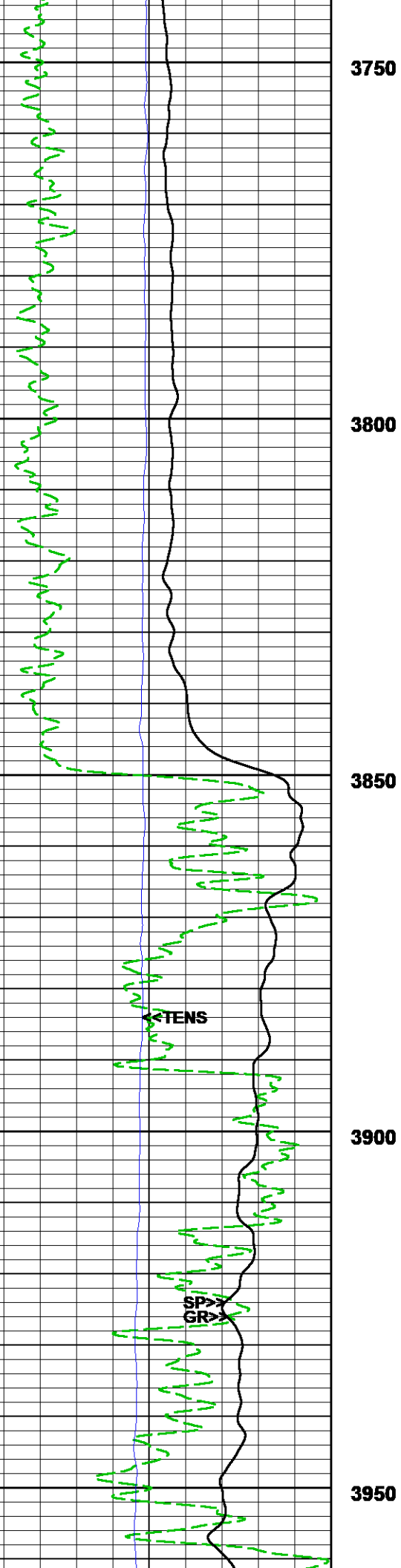
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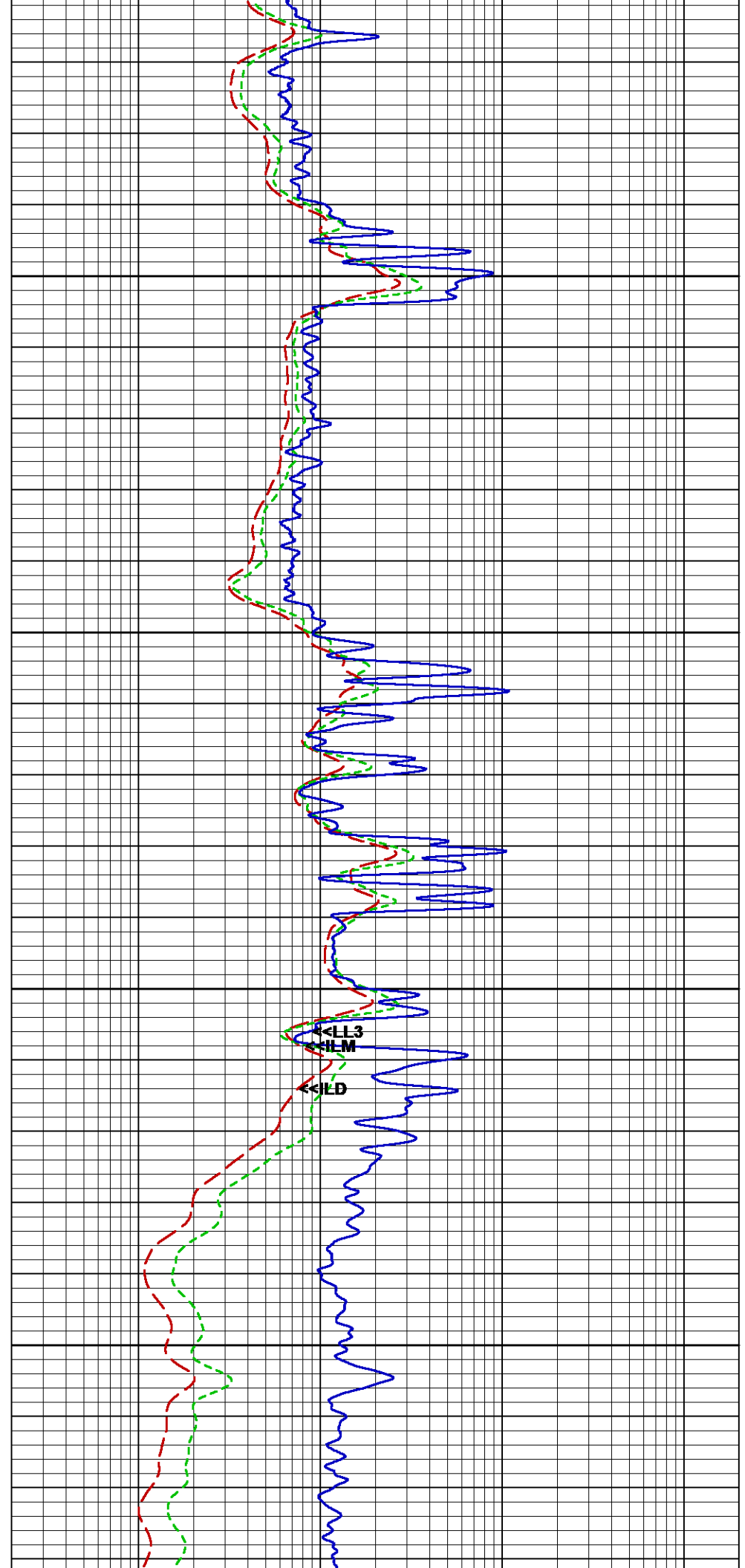
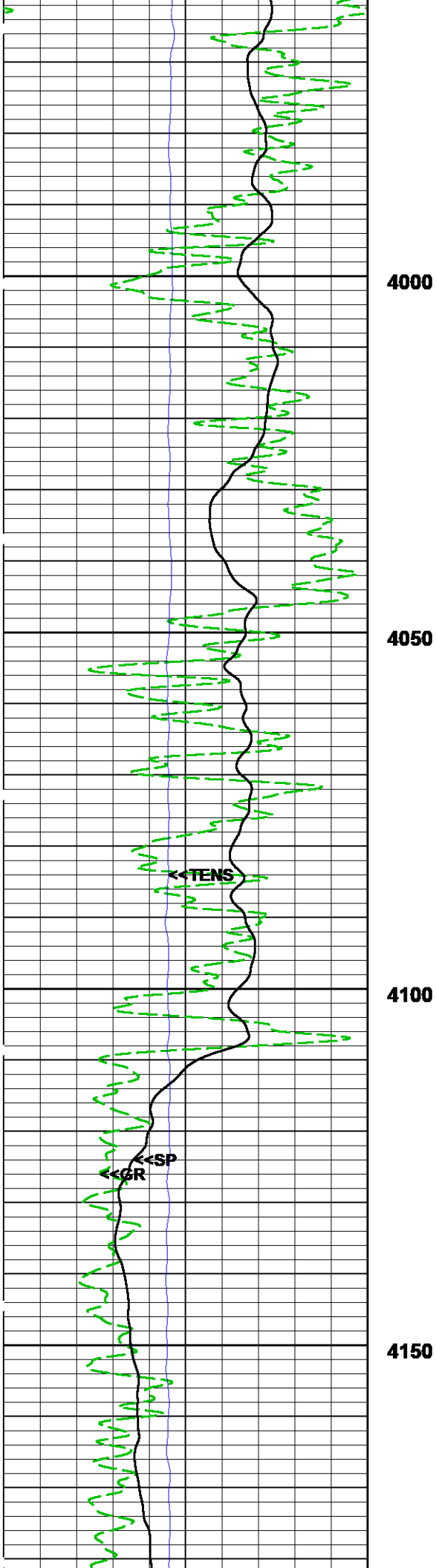
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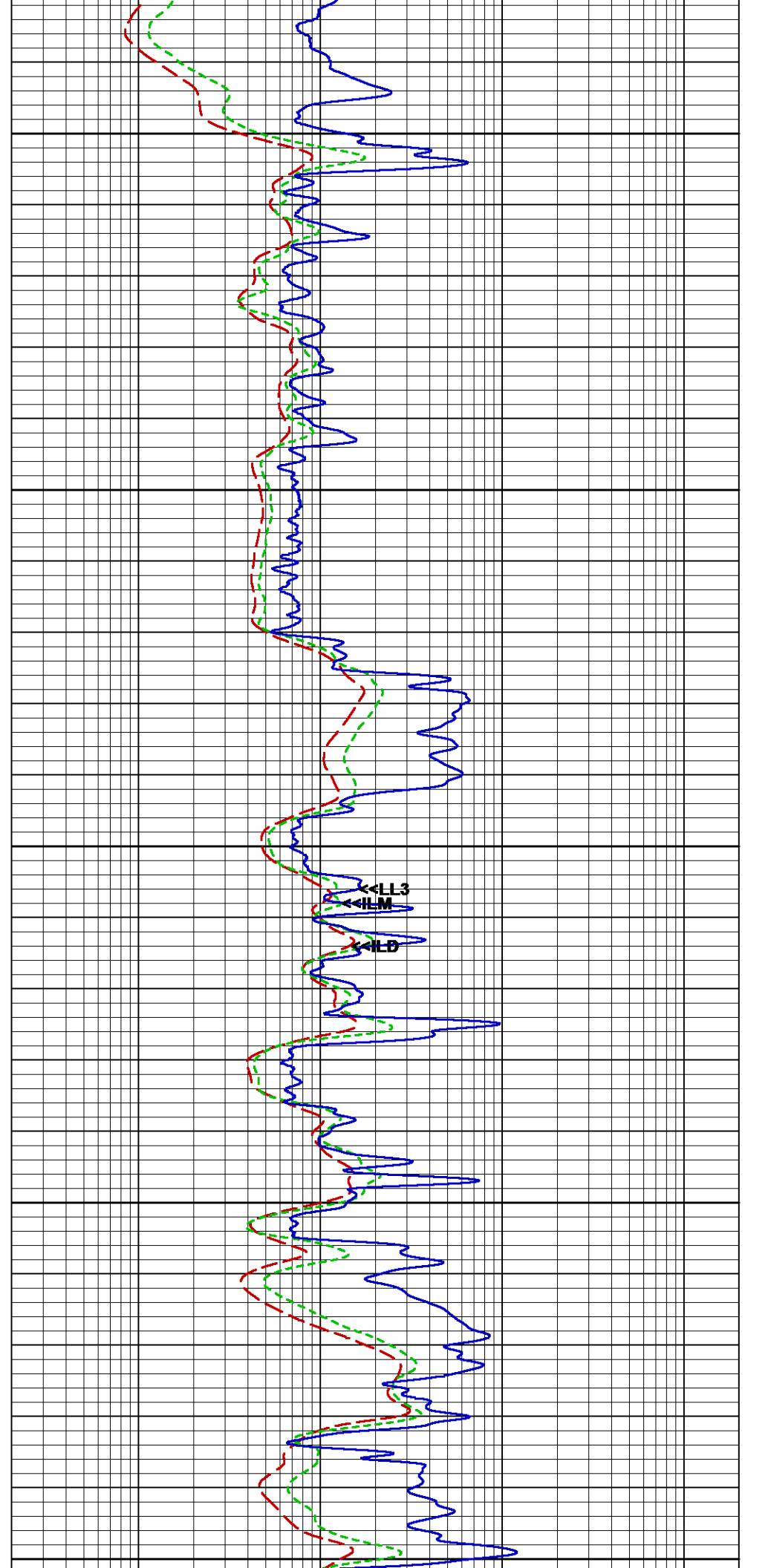
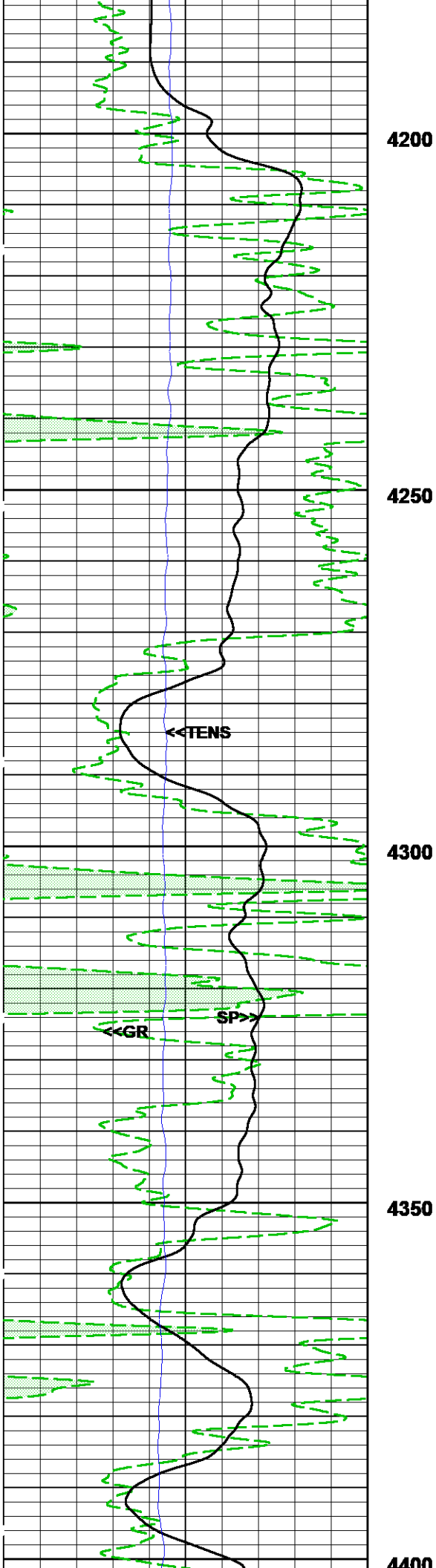
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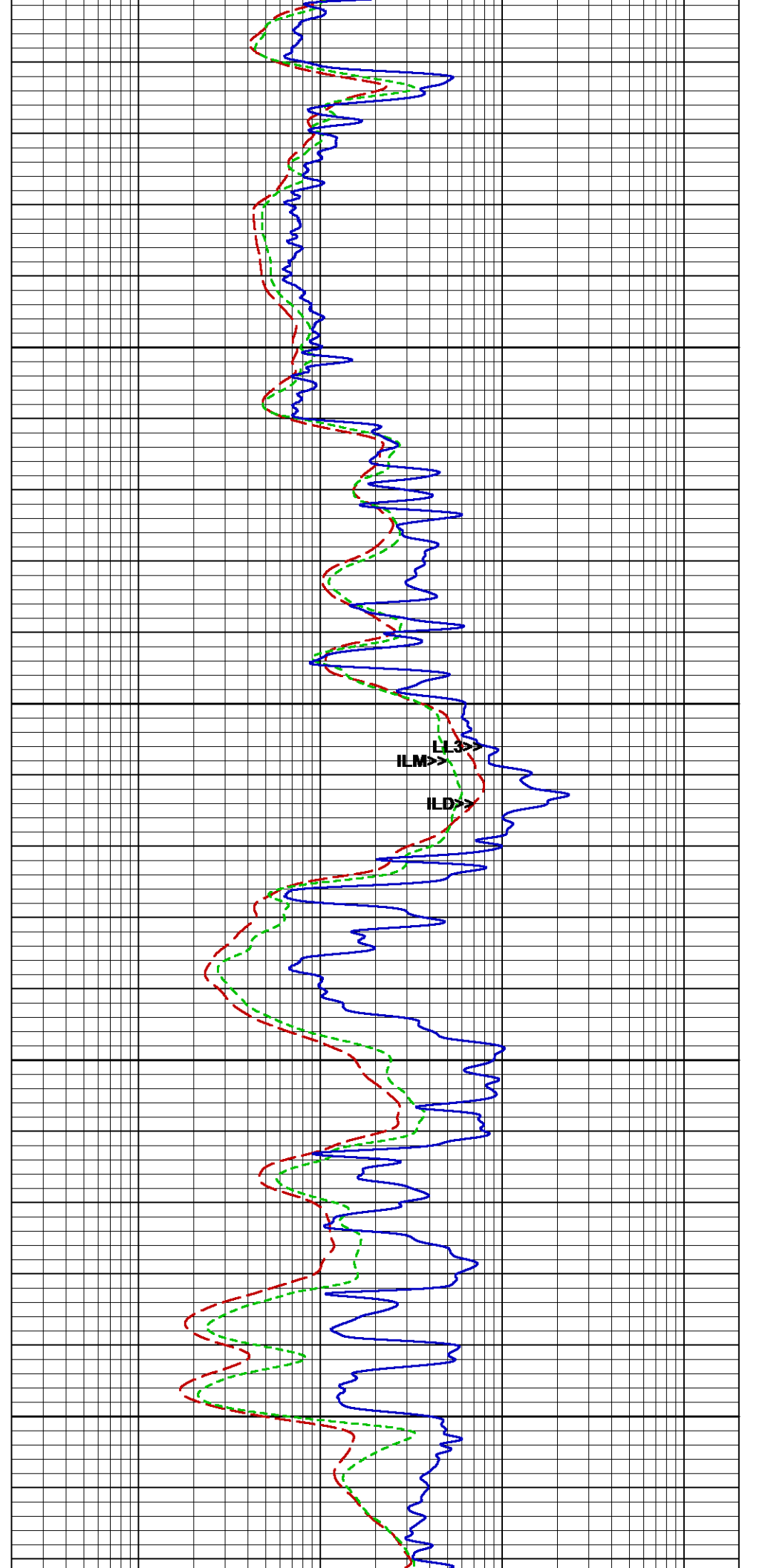
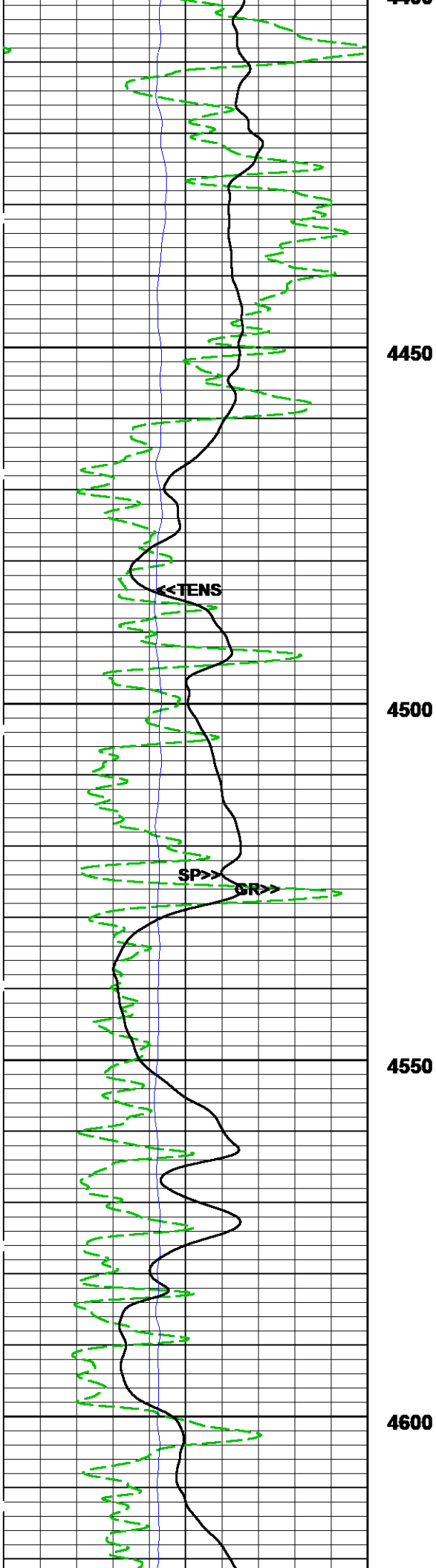


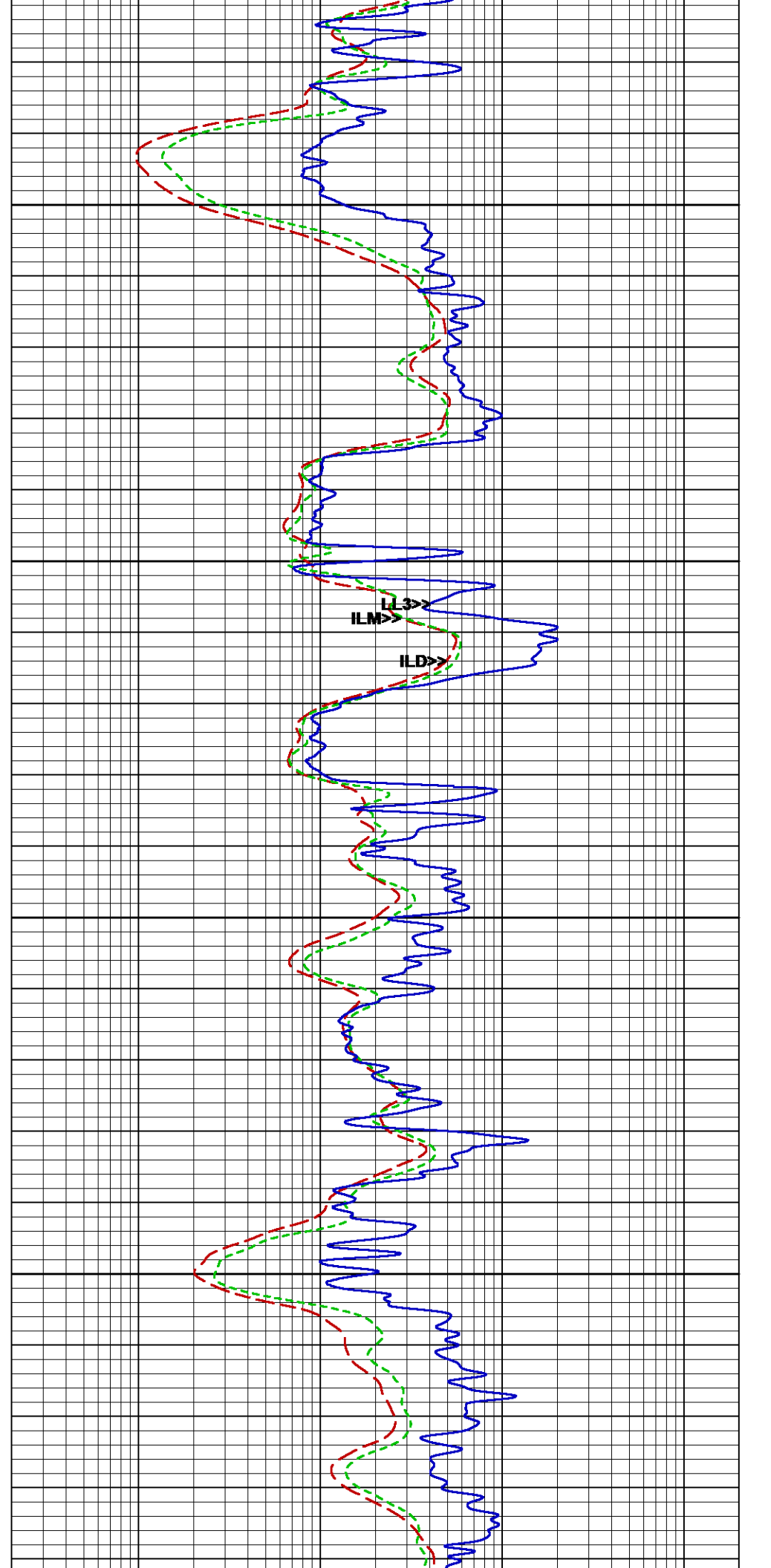
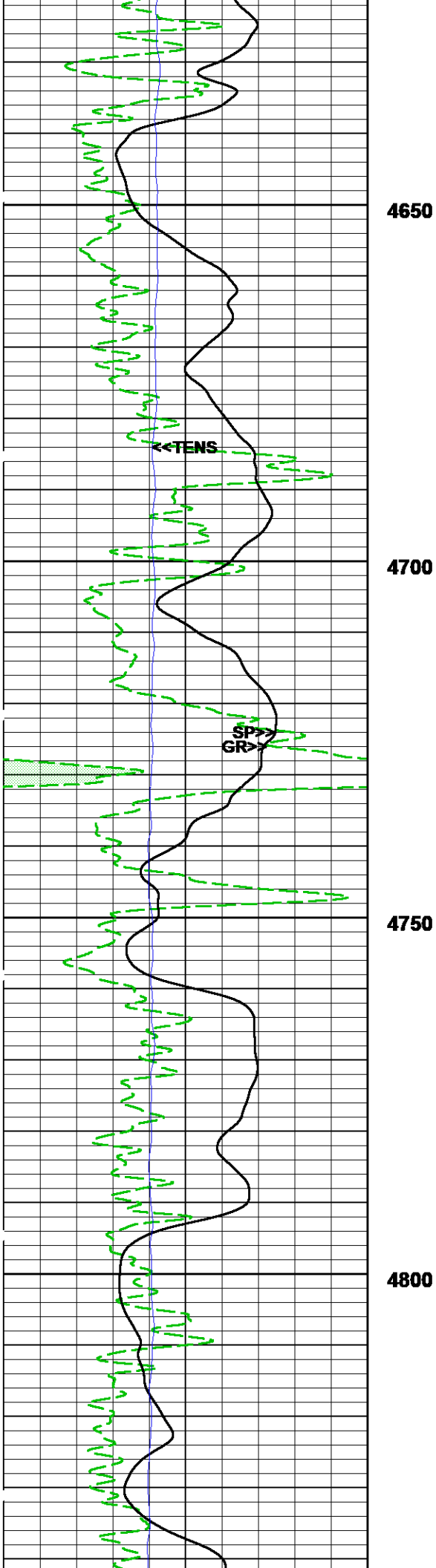


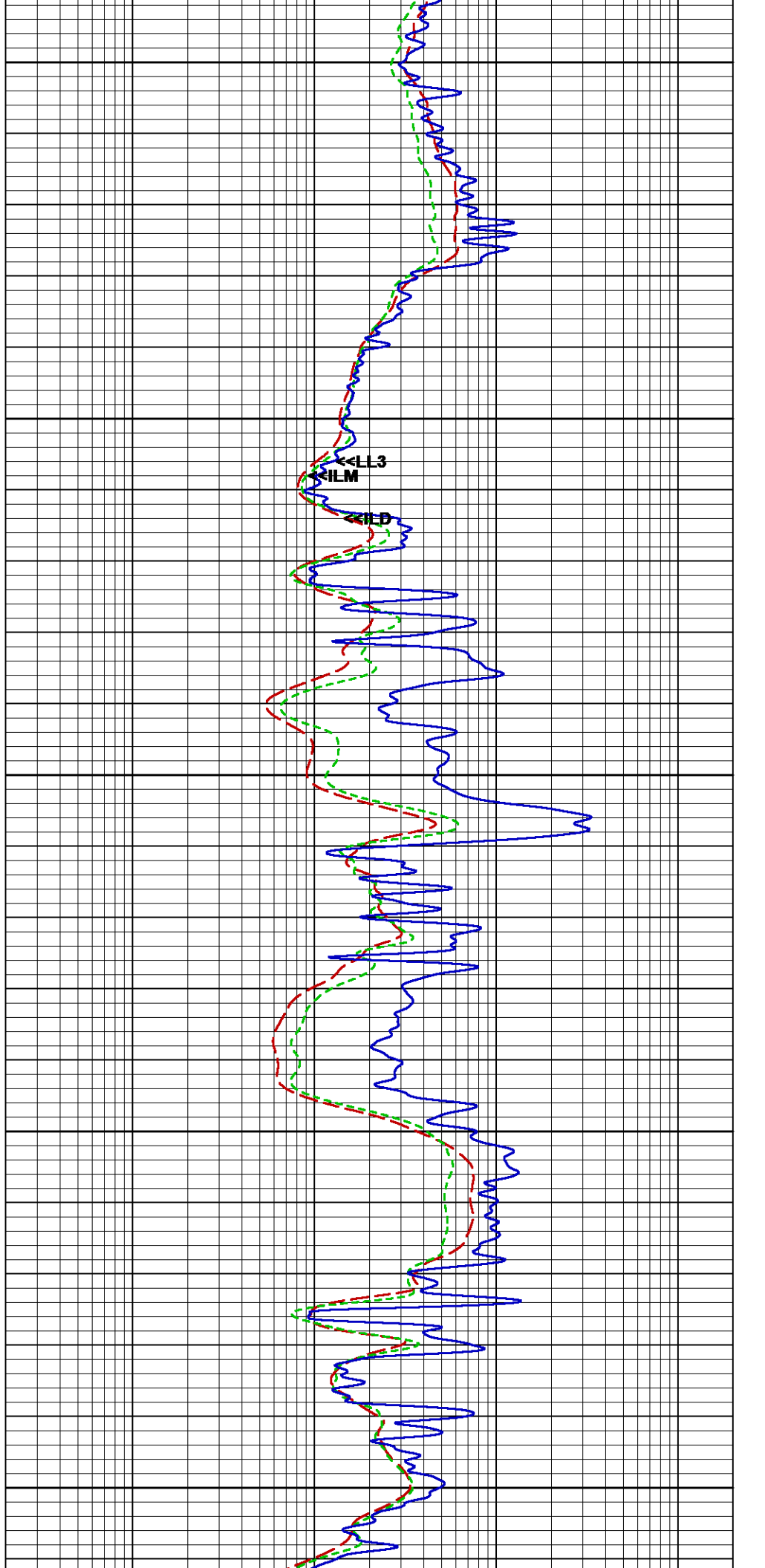
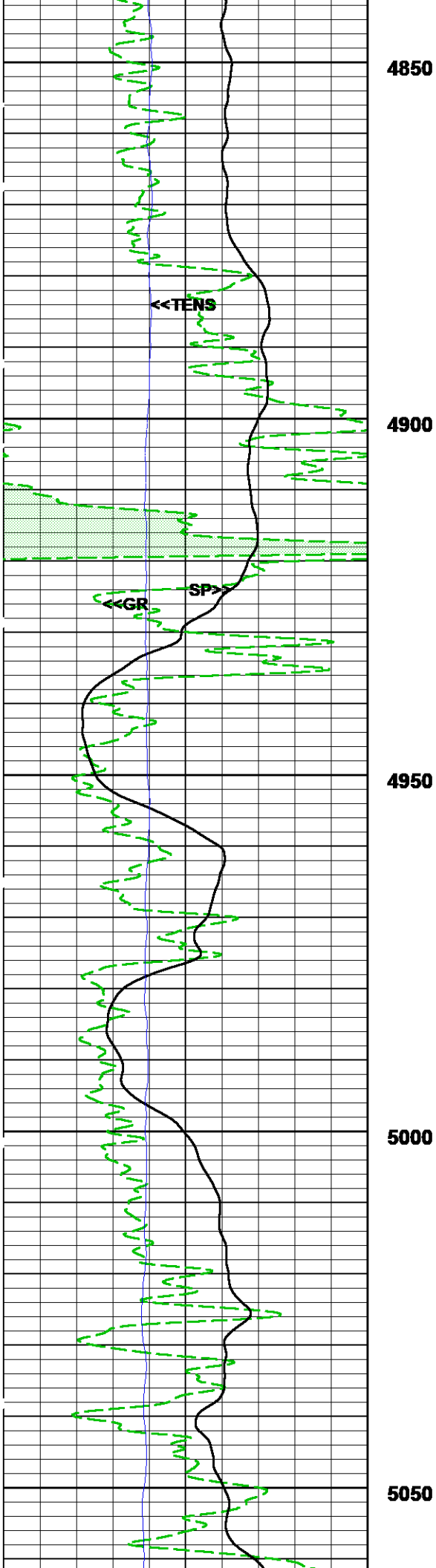


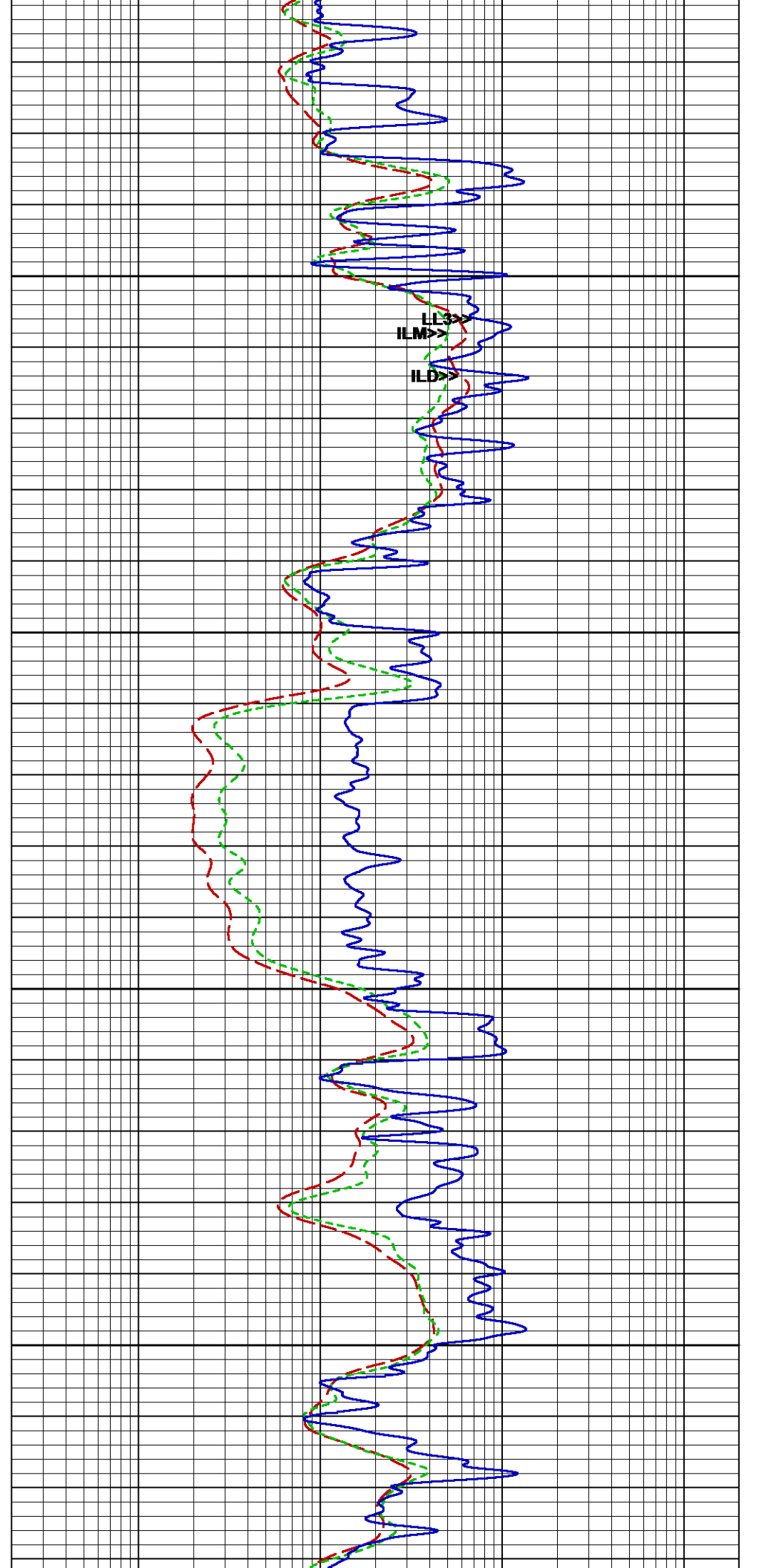
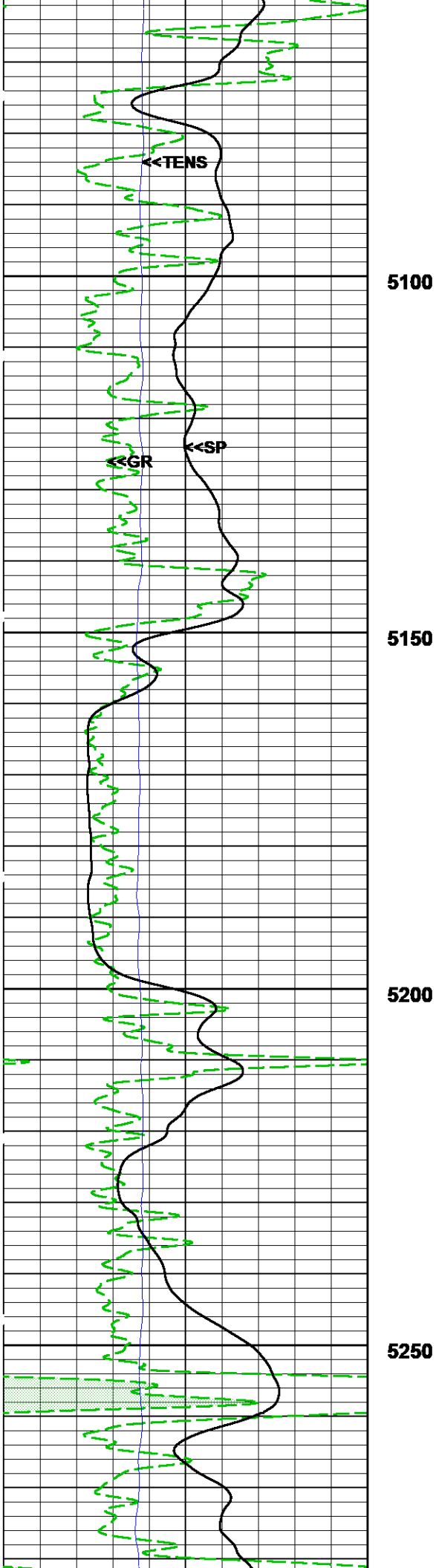


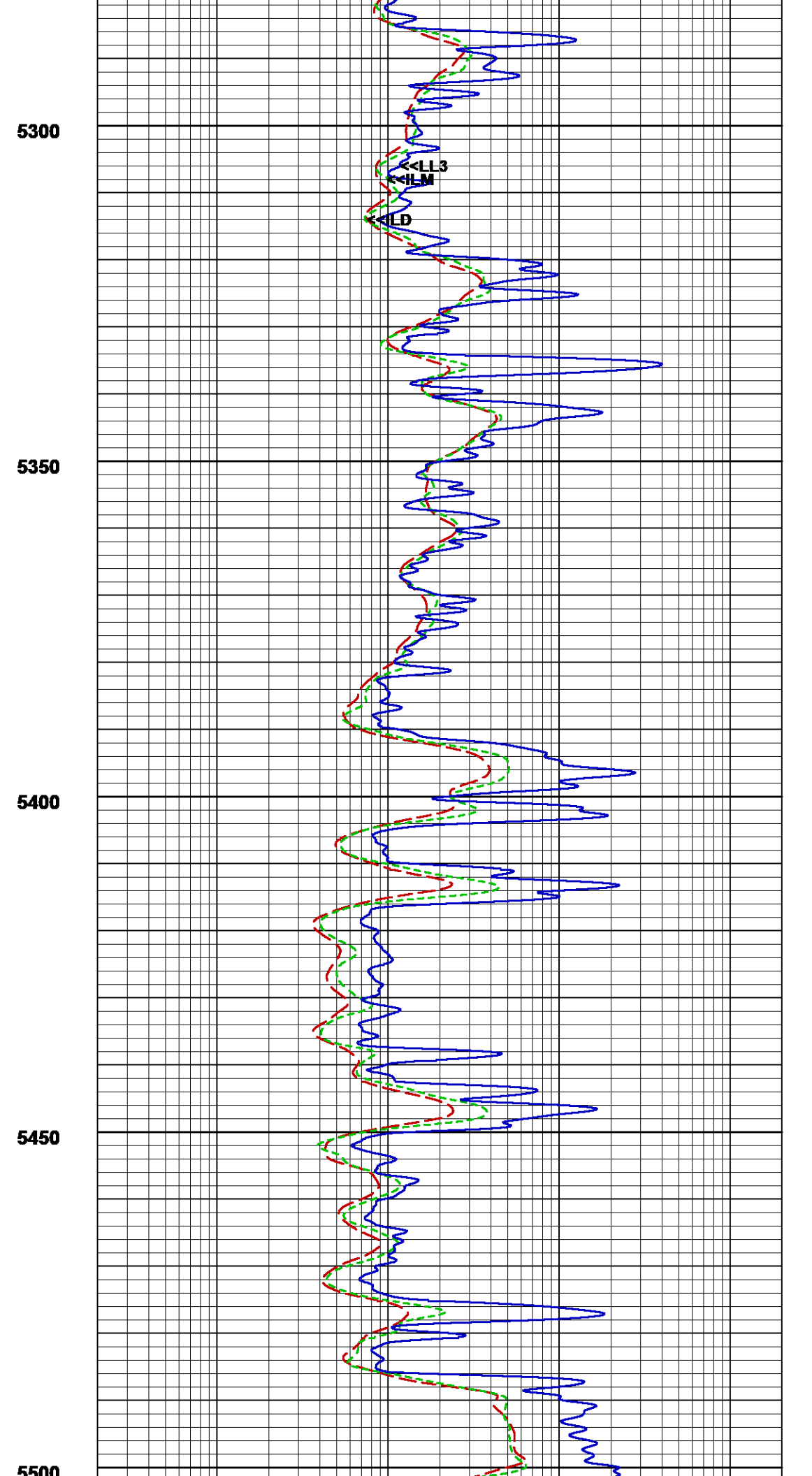
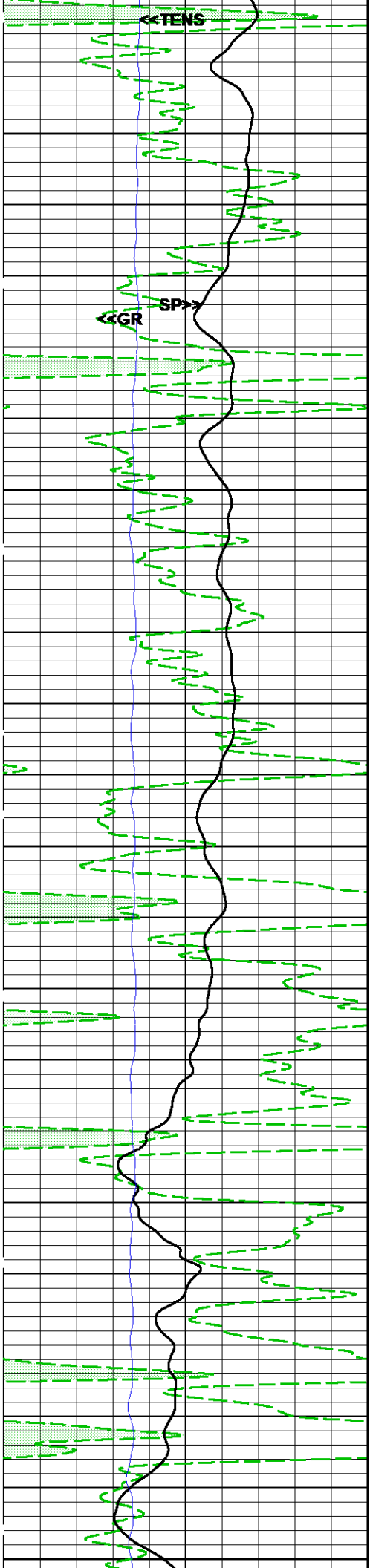


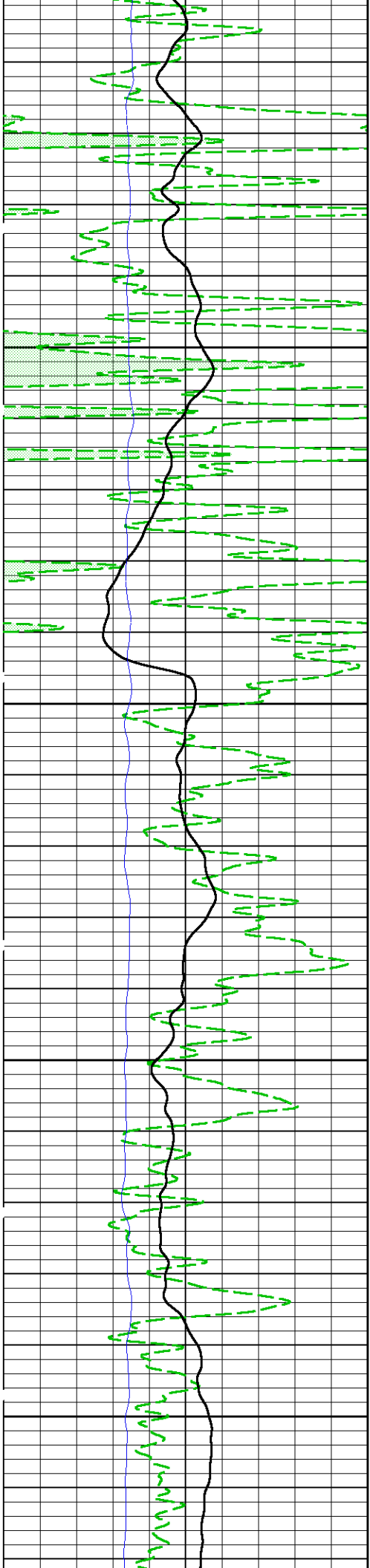












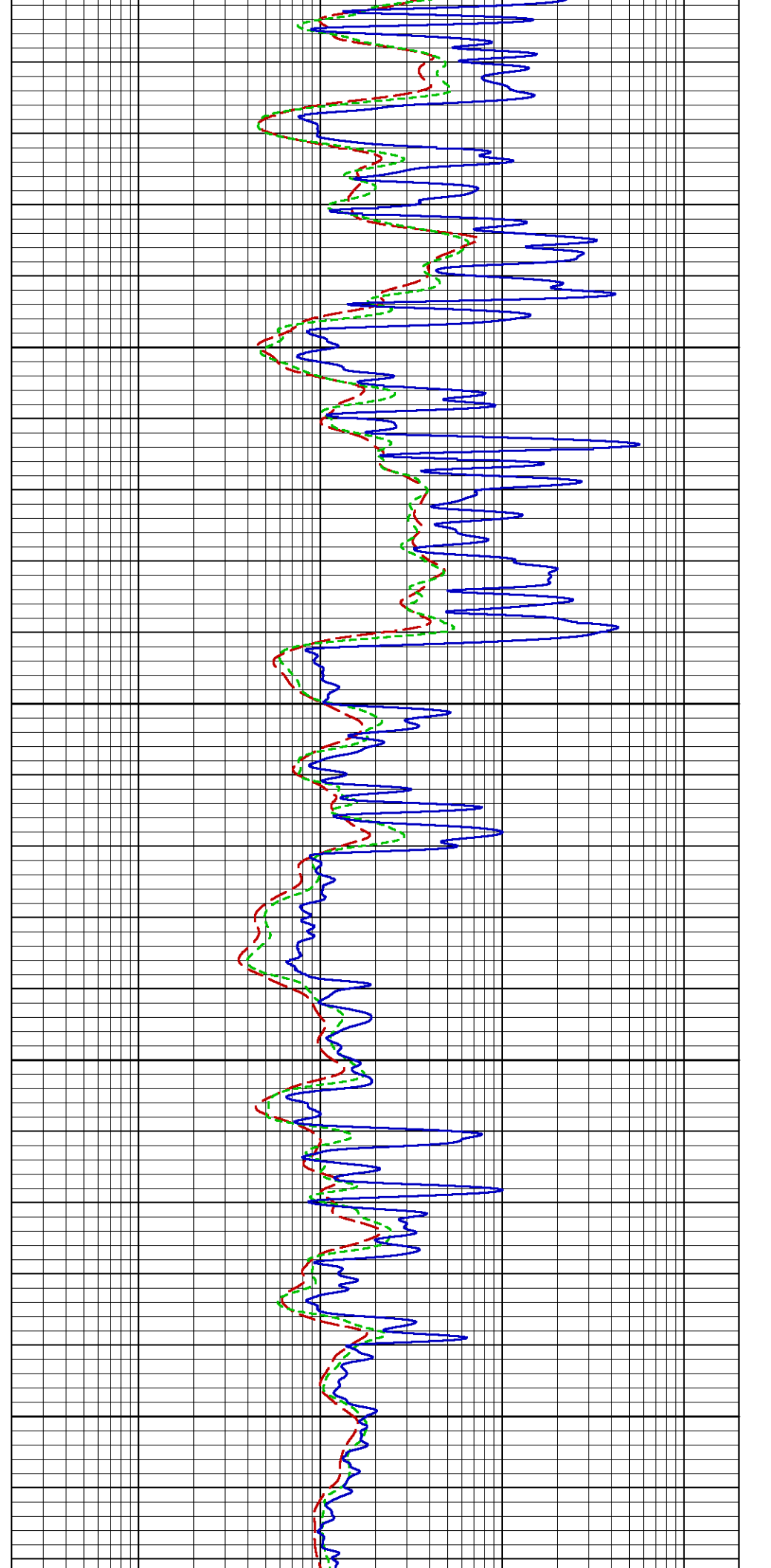
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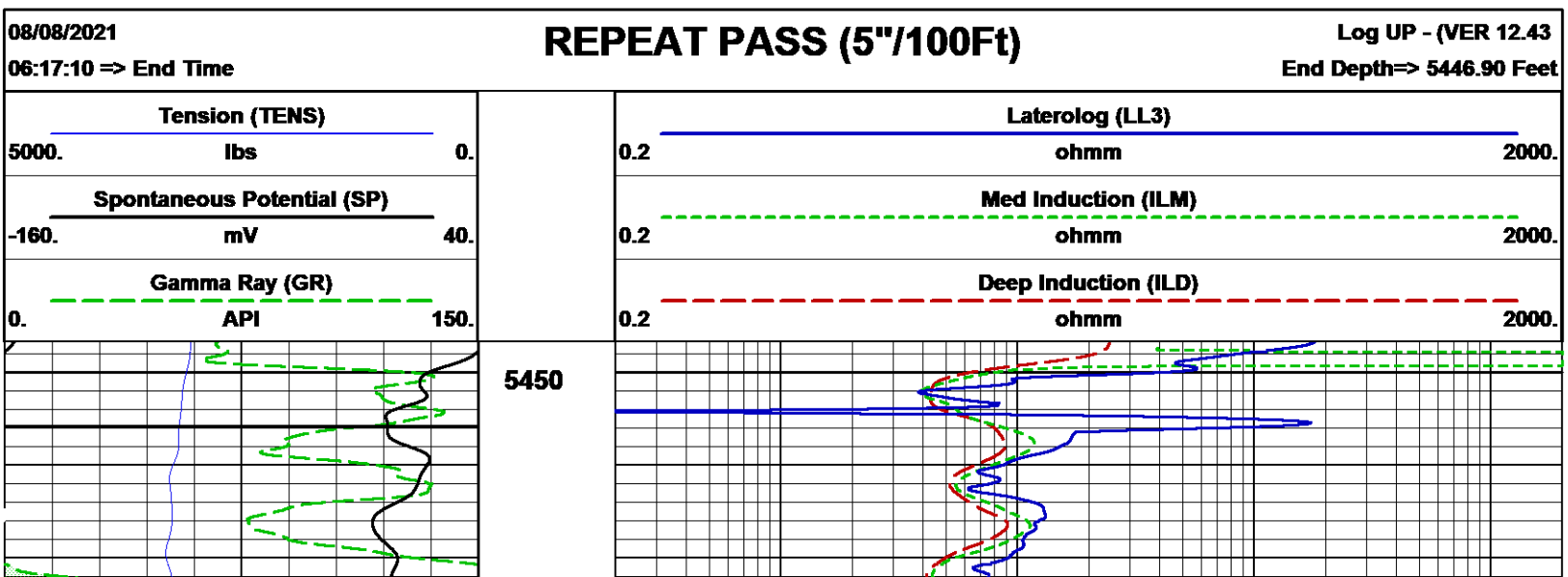
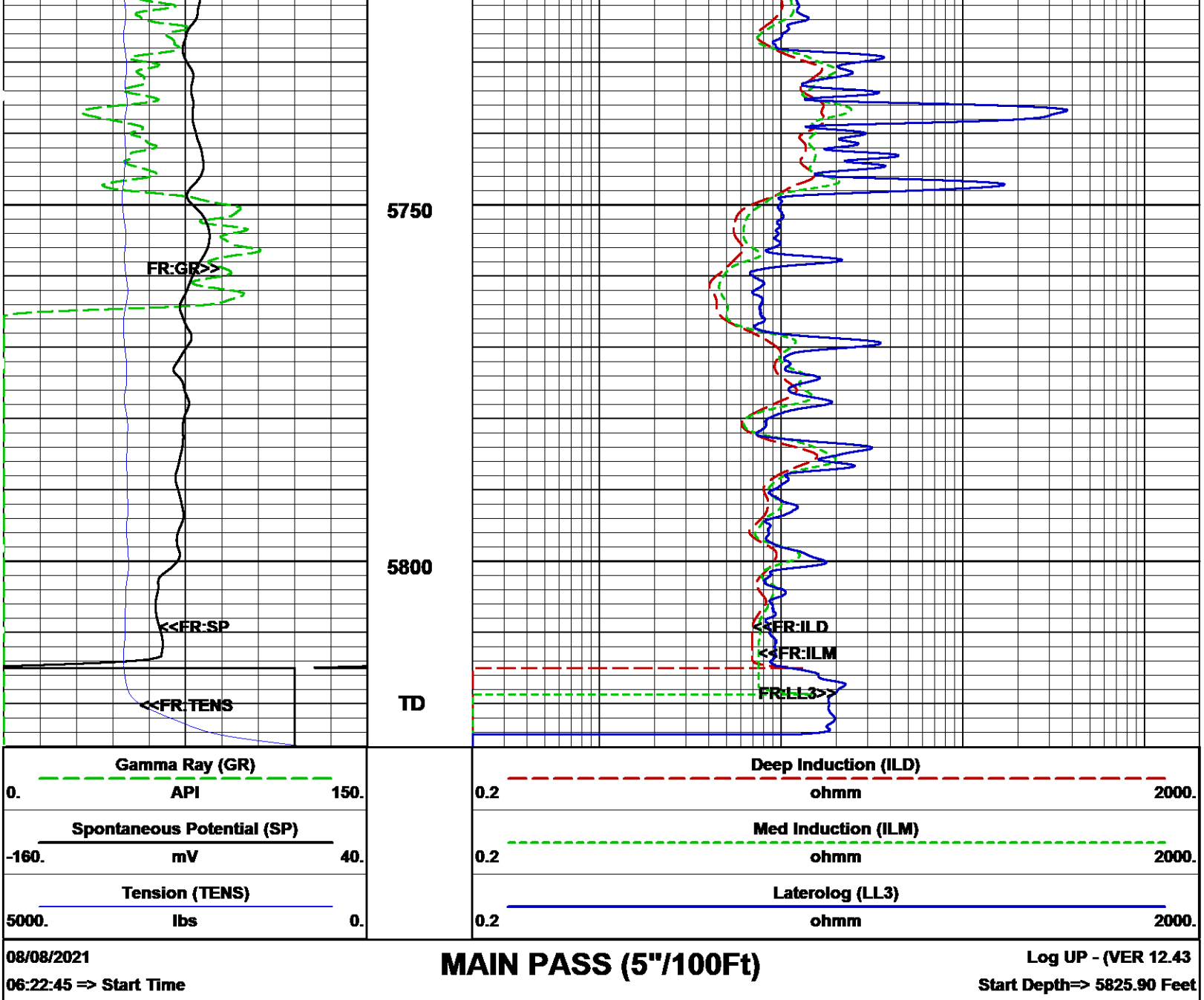
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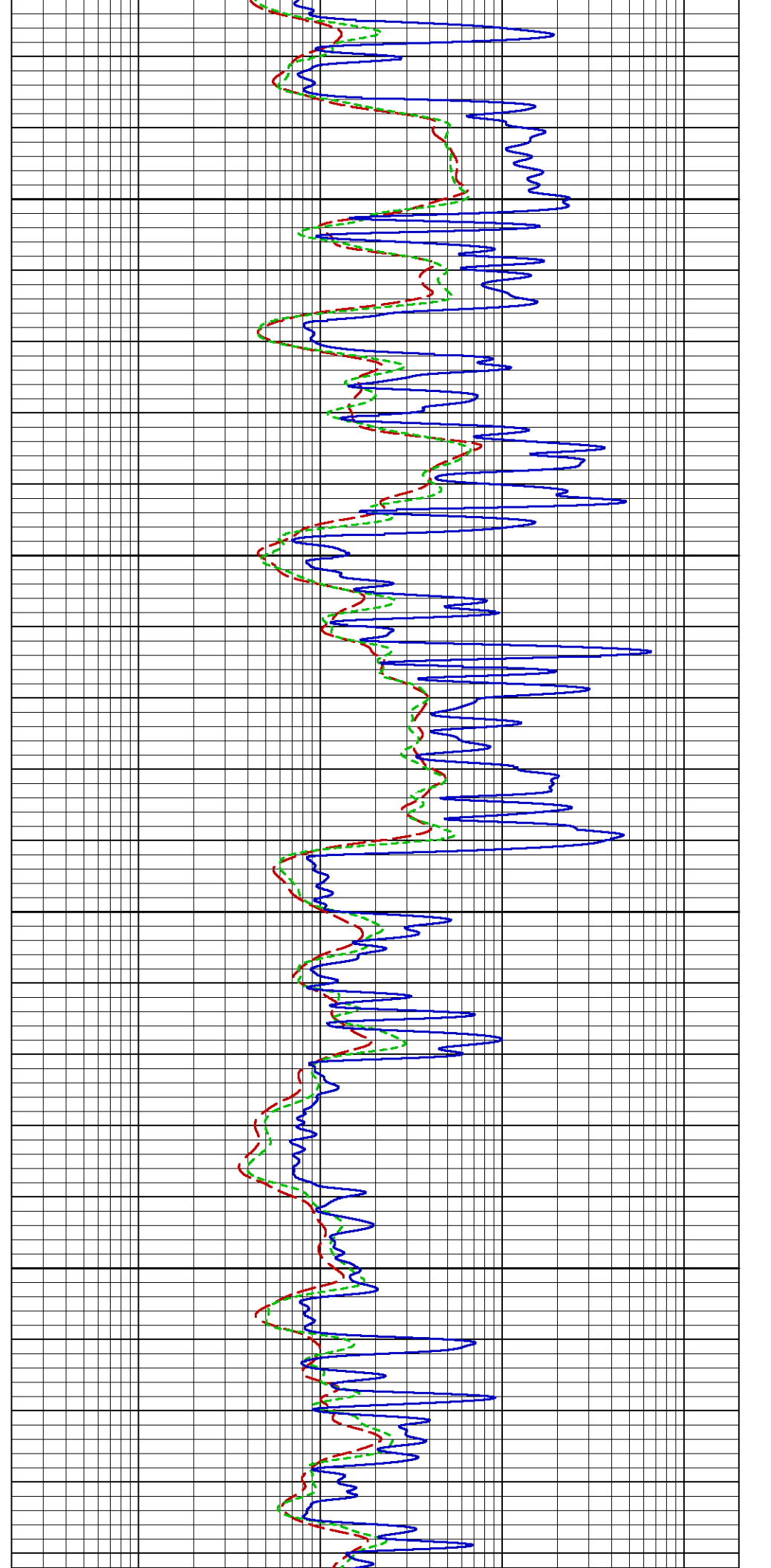
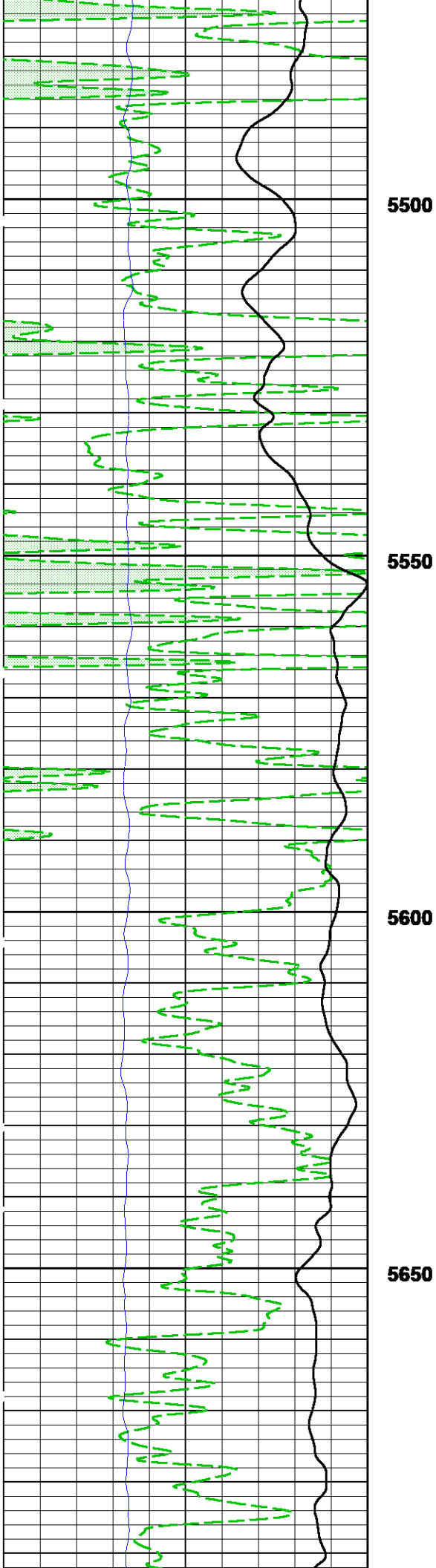
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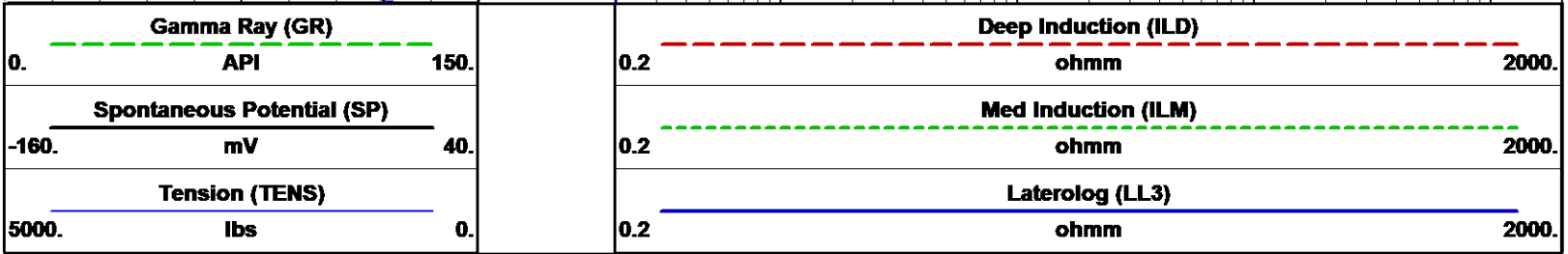
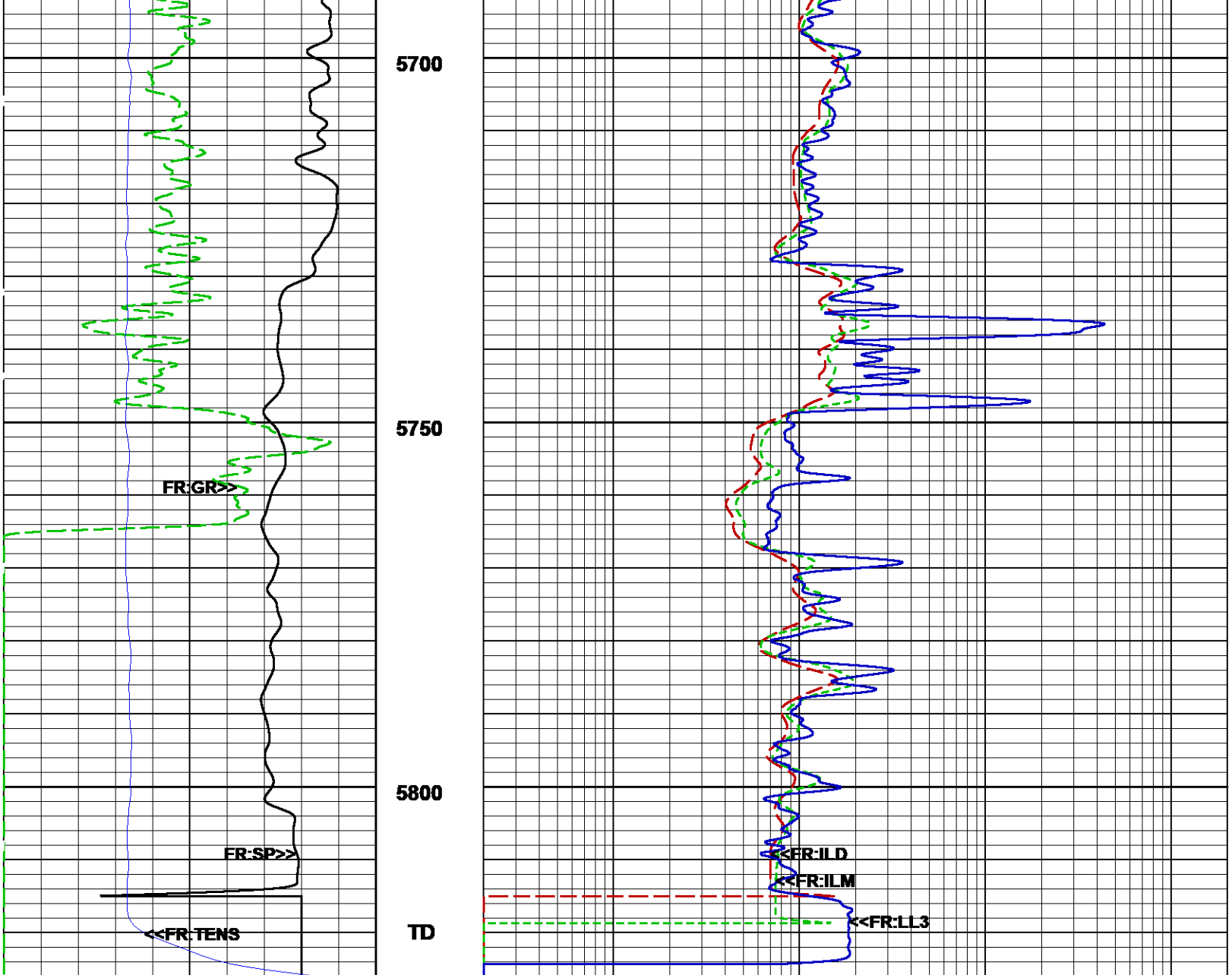
5650

5700









08/08/2021
 06:05:31 => Start Time
REPEAT PASS (5"/100ft)
 Log UP - (VER 12.43)
 Start Depth=> 5825.90 Feet

Induction Resistivity / Conductivity Calibrations

TOOL TYPE: Slim Hole Induction
 SERIAL NUM: RD1002
 LOOP TYPE: TX
 LOOP NUM: 001

MASTER CALIBRATIONS

	OPEN LOOP(mmho)		CLOSED LOOP(mmho)		LOOP VERIFIER(mV)		CALIBRATION DATE	CALIBRATION TIME
	NO SKIN		NO SKIN	W/ SKIN	ZERO(mV)	SPAN(mV)		
DEEP INDUCTION	0.000		400.000	499.231	2.829	627.912	M/D/Y> 9/24/2020	H:M:S> 16:45:41

MED INDUCTION	0.000	462.500	501.895	-6.592	792.022	M/D/Y> 9/24/2020	H:M:S> 16:45:47
	CALIBRATOR LOW(ohm)	CALIBRATOR HI(ohm)	LOW(mV)	HI(mV)			
SHALLOW LATERLOG	2.000	500.000	12.764	2500.373	M/D/Y> 9/24/2020	H:M:S> 16:45:52	

WELL SITE CALIBRATIONS

SP

SERIAL NUM	Type-SerNum
BLANKET NUM	1A

MASTER CALIBRATIONS

	ZeroVal: 0.000 mV	CalVal: 1.000 mV	Gain/Offset	CALIBRATION DATE	CALIBRATION TIME
BASE CALS	0.000 - raw	0.000 - raw	1.000 - gain 0.000 - off	M/D/Y> 0/0/0	H:M:S> 0:0:0

Company	AGRICULTURAL ENERGY SERVICES, INC.
Well	HOPE 1-23
Field	KISMET
County	SEWARD
State	KANSAS



**DUAL INDUCTION
LATEROLOG - SP
GAMMA RAY**

08/08/2021 Log UP - (VER 12.43)
09:19:23 => End Time End Depth=> 1649.50 Feet

MAIN PASS(1"/100FT)

