

Company: Vecta Oil & Gas LTD

Well: Snowmass 32-32

Field: Wildcat

County: Cheyenne State: Colorado

Platform Express

Compensated Neutron Log

LithoDensity

County:	Cheyenne	
Field:	Wildcat	
Location:	SHL: 2566' FNL x 2404' FEL	
Well:	Snowmass 32-32	
Company:	Vecta Oil & Gas LTD	
Location:	SHL: 2566' FNL x 2404' FEL	Elev.: K.B. 4539.50 ft G.L. 4523.00 ft D.F. 4538.50 ft
	Permanent Datum:	Ground Level
	Log Measured From:	Kelly Bushing
	Drilling Measured From:	Kelly Bushing
API Serial No.	Section: 32	Township: 12S
05-017-0771-0000		Range: 47W

Logging Date	04-Oct-2013	
Run Number	1	
Depth Driller	5761.00 ft	
Schlumberger Depth	5762.00 ft	
Bottom Log Interval	5762.00 ft	
Top Log Interval	433.00 ft	
Casing Driller Size @ Depth	8.625 in @ 438.00 ft	
Casing Schlumberger	433 ft	
Bit Size	7.875 in	
Type Fluid In Hole	Water	
Density	9.2 lbm/gal	67 s
Fluid Loss	5.6 cm3	10
Source of Sample	Active Tank	
RM @ Meas Temp	1.32 ohm.m @	70 degF
RMF @ Meas Temp	0.9 ohm.m @	70 degF
RMC @ Meas Temp	1.8 ohm.m @	70 degF
Source RMF	Calculated	Calculated
RM @ BHT	0.46 @ 212	0.32 @ 212
Max Recorded Temperatures	160 degF	
Circulation Stopped	03-Oct-2013 21:45:00	
Logger on Bottom	04-Oct-2013 03:15:38	
Unit Number	Location: 9108	Fort Morgan
Recorded By	Danijl Kholin	
Witnessed By	Matt Goobsby	

Disclaimer

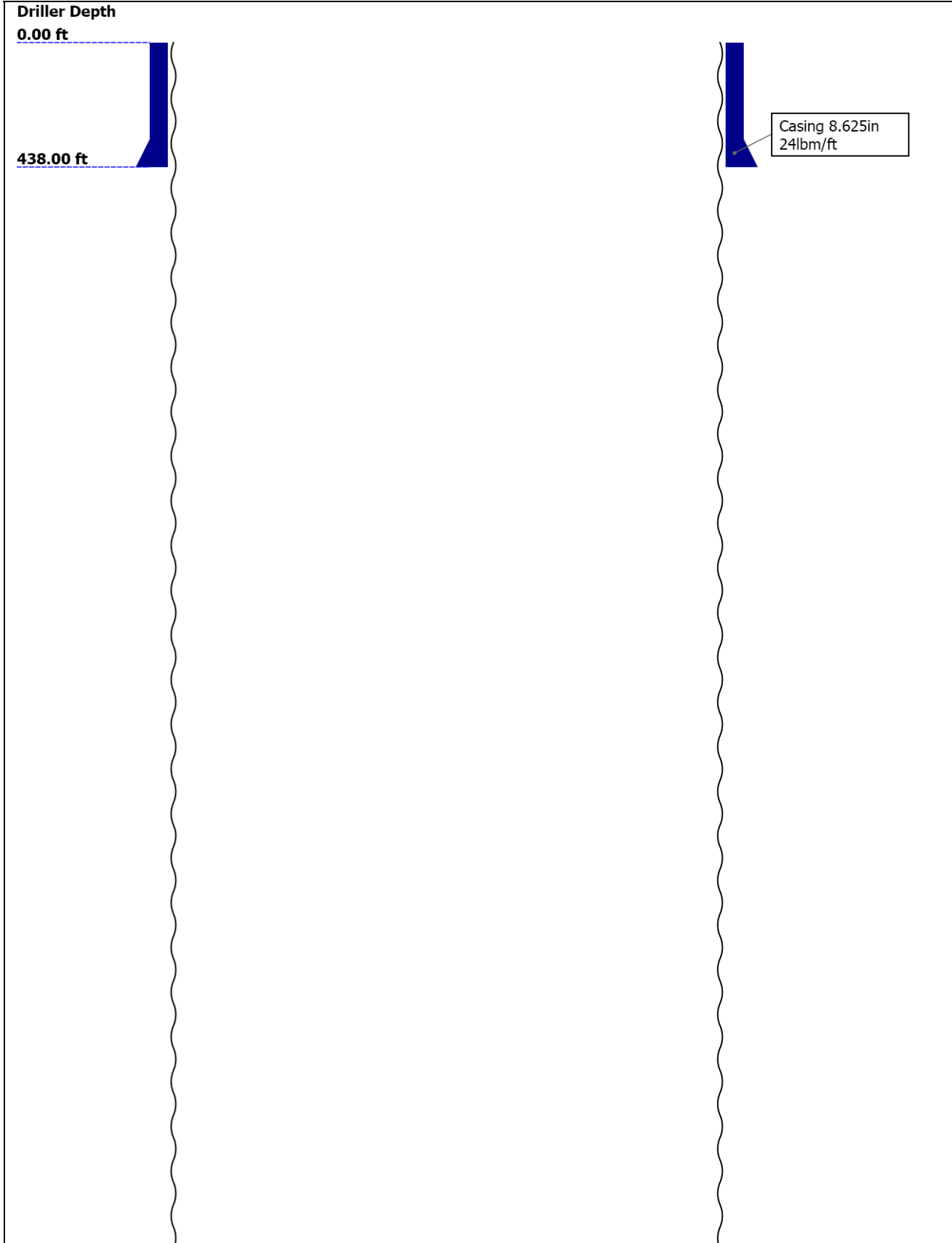
THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

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Well Sketch



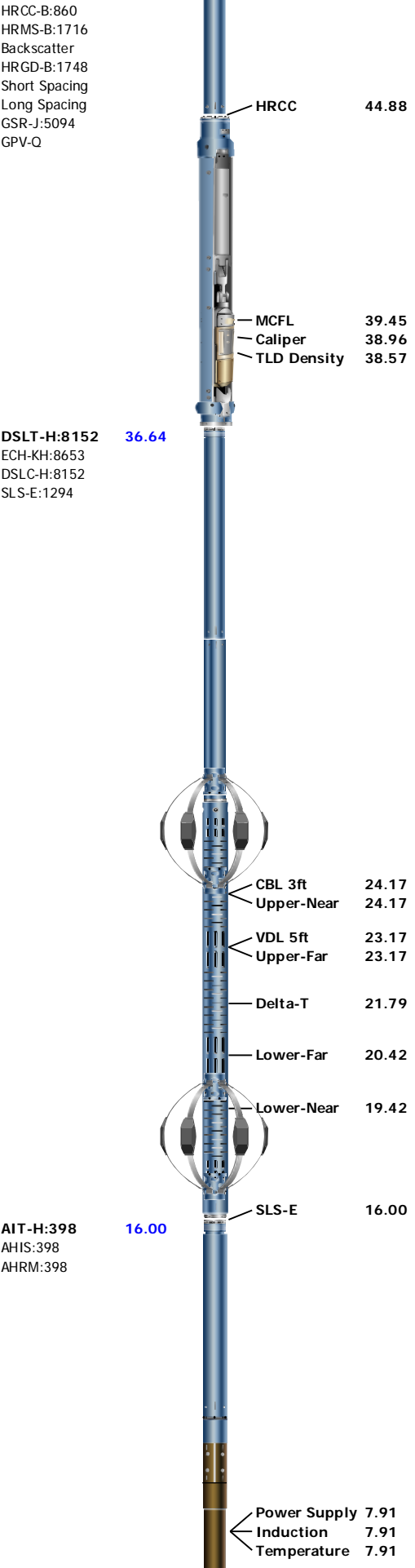


Borehole Size/Casing/Tubing Record

Bit						
Bit Size ( in )	7.875					
Top Driller ( ft )	0					
Top Logger ( ft )	0					
Bottom Driller ( ft )	5761					
Bottom Logger ( ft )	5762					
Casing						
Size ( in )	8.625					
Weight ( lbm/ft )	24					
Inner Diameter ( in )	8.097					
Grade	N/A					
Top Driller ( ft )	0					
Top Logger ( ft )	0					
Bottom Driller ( ft )	438					
Bottom Logger ( ft )	433					

Remarks and Equipment Summary

1: Toolstring				1: Remarks
Equip name	Length	MP name	Offset	Toolstring run as per toolsketch
LEH-QT:2429	64.21			Matrix: Limestone 2.71 g/cc
LEH-QT:2429				Crew: Aaron Weber, Gary Lapp
DTC-H:8485	61.29	CTEM	60.39	
ECH-KC:9562		HV	0.00	
DTC-H:8485				
HGNS-B:863	58.29	ToolStatus	58.29	
HGNH:2883		TelStatus	58.29	
NPV-N		Temperature	58.26	
NSR-F:5069		GR	57.55	
HMCA-B				
HACCZ-B:452				
HGNS-B:863				
		CNL Porosity	51.21	
		HGNS	48.88	
		HMCA	48.88	
		Acceleromete	0.00	
		r		
HDRS-B:1716	48.88			
ECH-MEB:1866				



 <p>SP 0.08 Mud Resistivity 0.00 Head Tension TOOL_ZERO</p> <p>Lengths are in ft Maximum Outer Diameter = 7.000 in Line: Sensor Location, Value: Gating Offset All measurements are relative to TOOL_ZERO</p>		
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Depth Summary			
	1		
Depth Measuring Device			
Type	IDW-B		
Serial Number			
Calibration Date			
Calibrator Serial Number			
Calibration Cable Type			
Wheel Correction 1	0		
Wheel Correction 2	0		
Tension Device			
Type	CMTD-B/A		
Serial Number	147		
Calibration Date	03-Sep-2013		
Calibrator Serial Number	100818		
Number of Calibration Points	10		
Calibration Root Mean Square Error	18		
Calibration Peak Error	31		
Logging Cable			
Type	7-46A-XS		
Serial Number	U711080		
Length	24000.00 ft		
Conveyance Type	Wireline		
Rig Type	Land		
1:Depth Control Parameters		Depth Control Remarks	
Log Sequence	First Log In the Well	All Schlumberger Depth Control Procedures followed  IDW used as Primary Depth Control  Z-chart used as Secondary Depth Control	
Rig Up Length At Surface			
Rig Up Length At Bottom			
Rig Up Length Correction			
Stretch Correction	4.63 ft		
Tool Zero Check At Surface			
1			
5" Porosity			

Software Version			
Acquisition System		Version	
MaxWell		4.0.9126.3000	
Computation	Description		Version
HENVIR	Computation Ensemble for the HGNS Neutron environmental corrections		4.0.9033.3000
DepthCorrection	DepthCorrection		4.0.9125.3000
Tool Elements	Description	Software Version	Firmware Version
HRGD-B	HILT Resistivity Gamma-Ray Density Device, 125 degC	4.0.9033.3000	3.0
HGNS-B	HILT Gamma-Ray and Neutron Sonde, 125 degC	4.0.9033.3000	2.0

HRCC-B	HILT High-Resolution Control Cartridge, 125 degC	4.0.9033.3000	2.0
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## Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
1	Log[5]:Up	Up	76.65 ft	5781.03 ft	04-Oct-2013 3:31:08 AM	04-Oct-2013 5:46:50 AM	ON	0.00 ft	No

All depths are referenced to toolstring zero

## Log

Company: Vecta Oil & Gas LTD

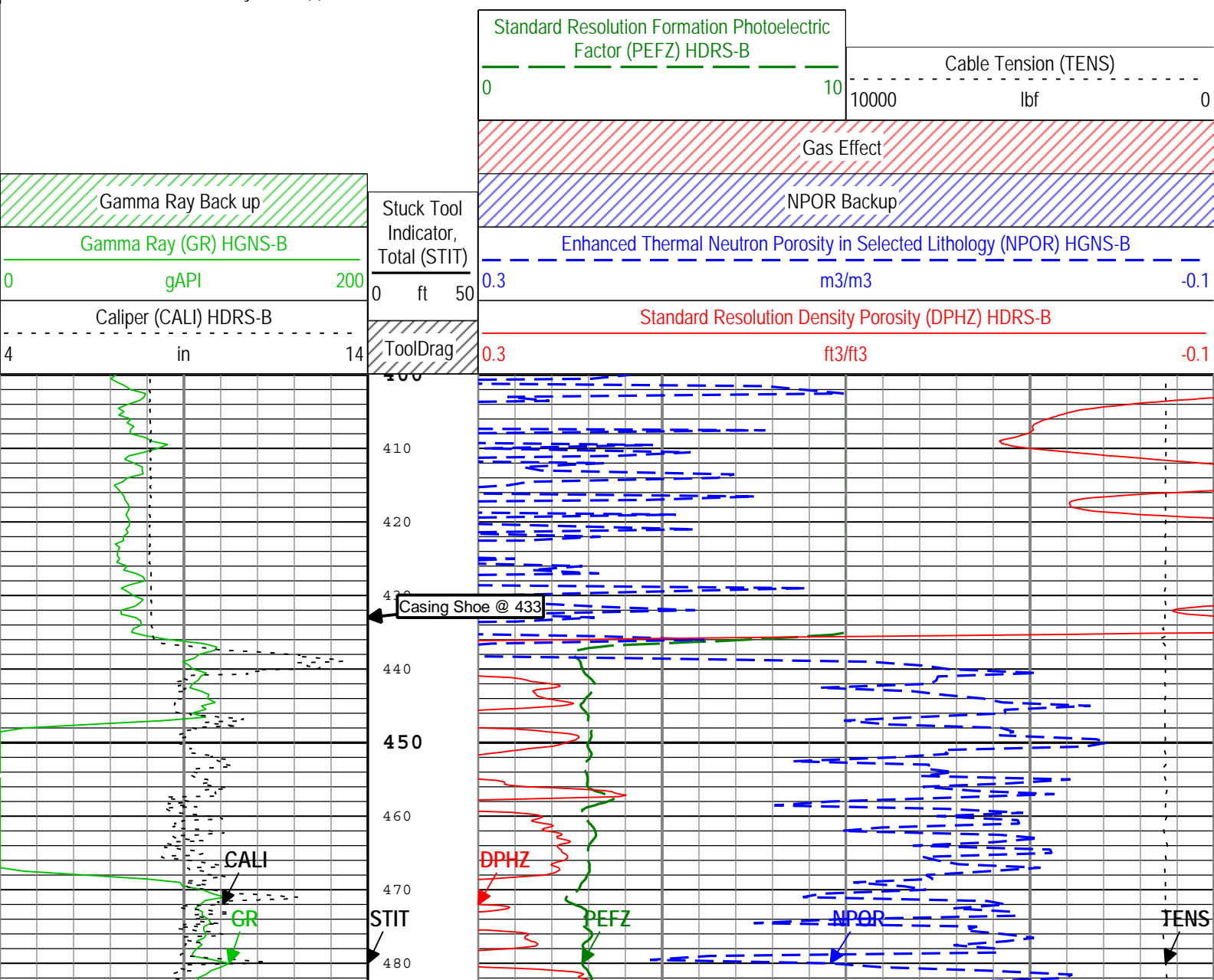
Well: Snowmass 32-32

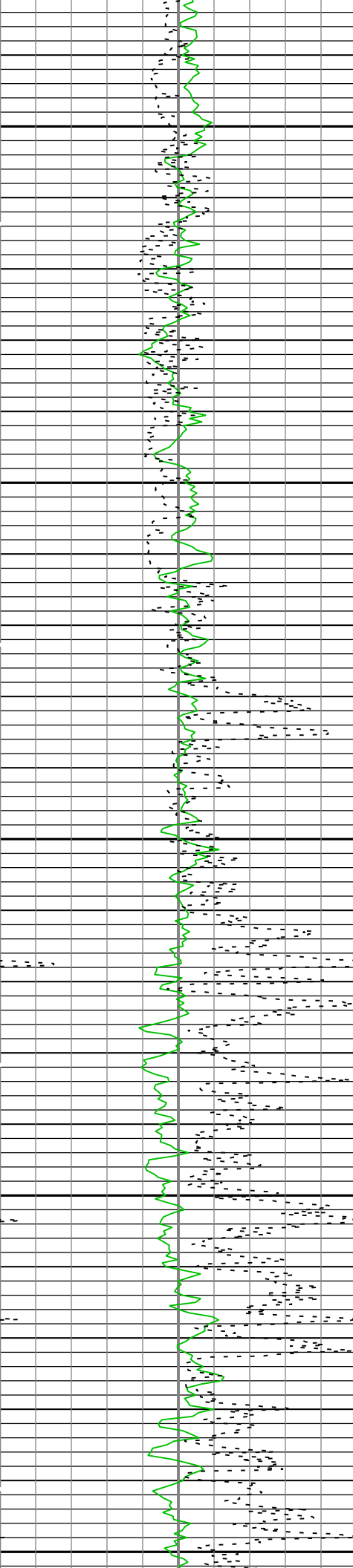
1: Log[5]:Up:S011

Description: HGNS standard resolution porosities for Platform Express    Format: Log ( EMD 5in Porosity )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 04-Oct-2013 05:47:41

Channel	Source	Sampling
CALI	HDRS-B:HRCC-B:HRCC-B	1in
DPHZ	HDRS-B:HRMS-B:HRGD-B	2in
GR	HGNS-B:HGNS-B:HGNS-B	6in
NPOR	HGNS-B:HGNS-B:HGNS-B	6in
PEFZ	HDRS-B:HRMS-B:HRGD-B	2in
STIT	DepthCorrection	6in
TENS	WLWorkflow	6in
TIME_1900	WLWorkflow	0.1in

TIME\_1900 - Time Marked every 60.00 (s)





490

500

510

520

530

540

550

560

570

580

590

600

610

620

630

640

650

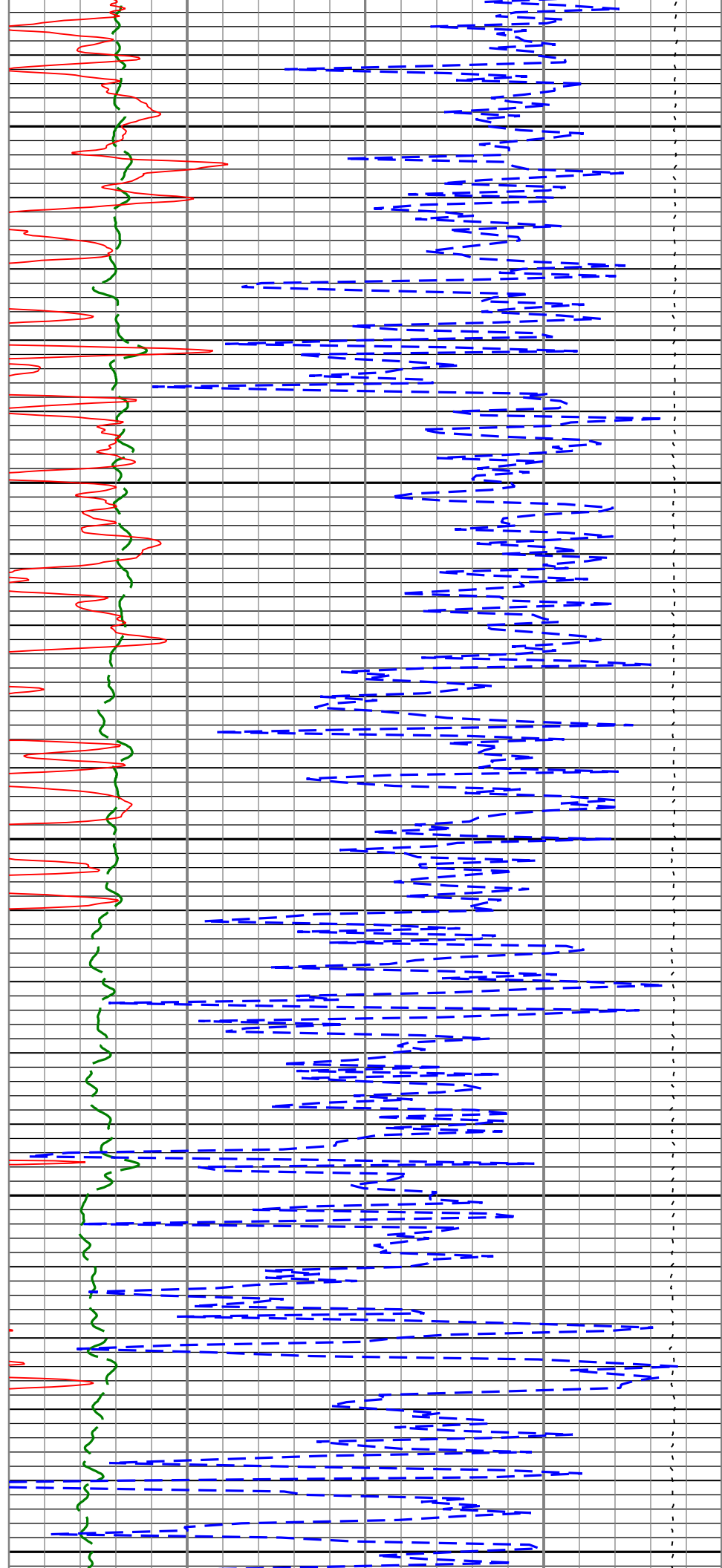
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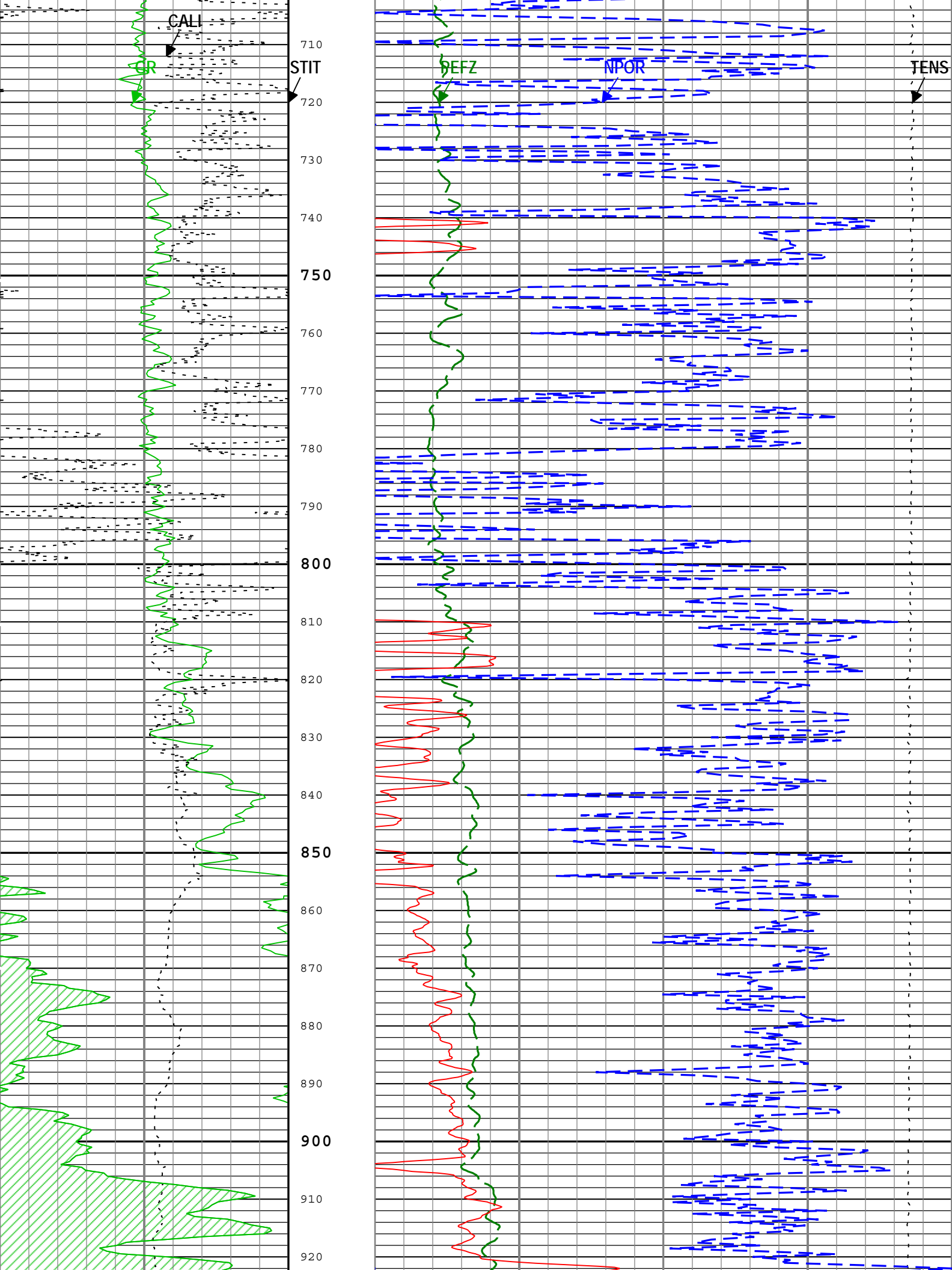
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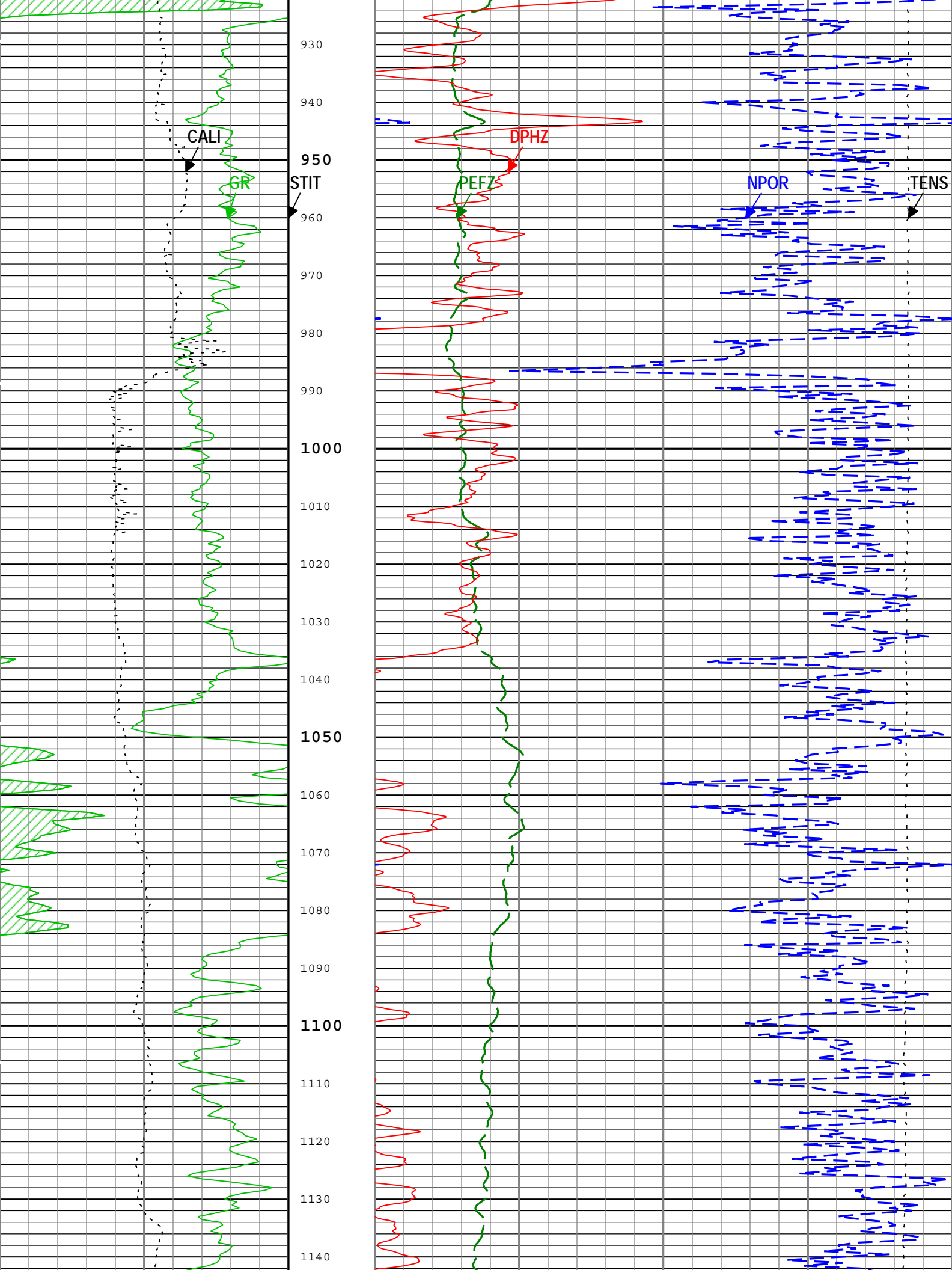
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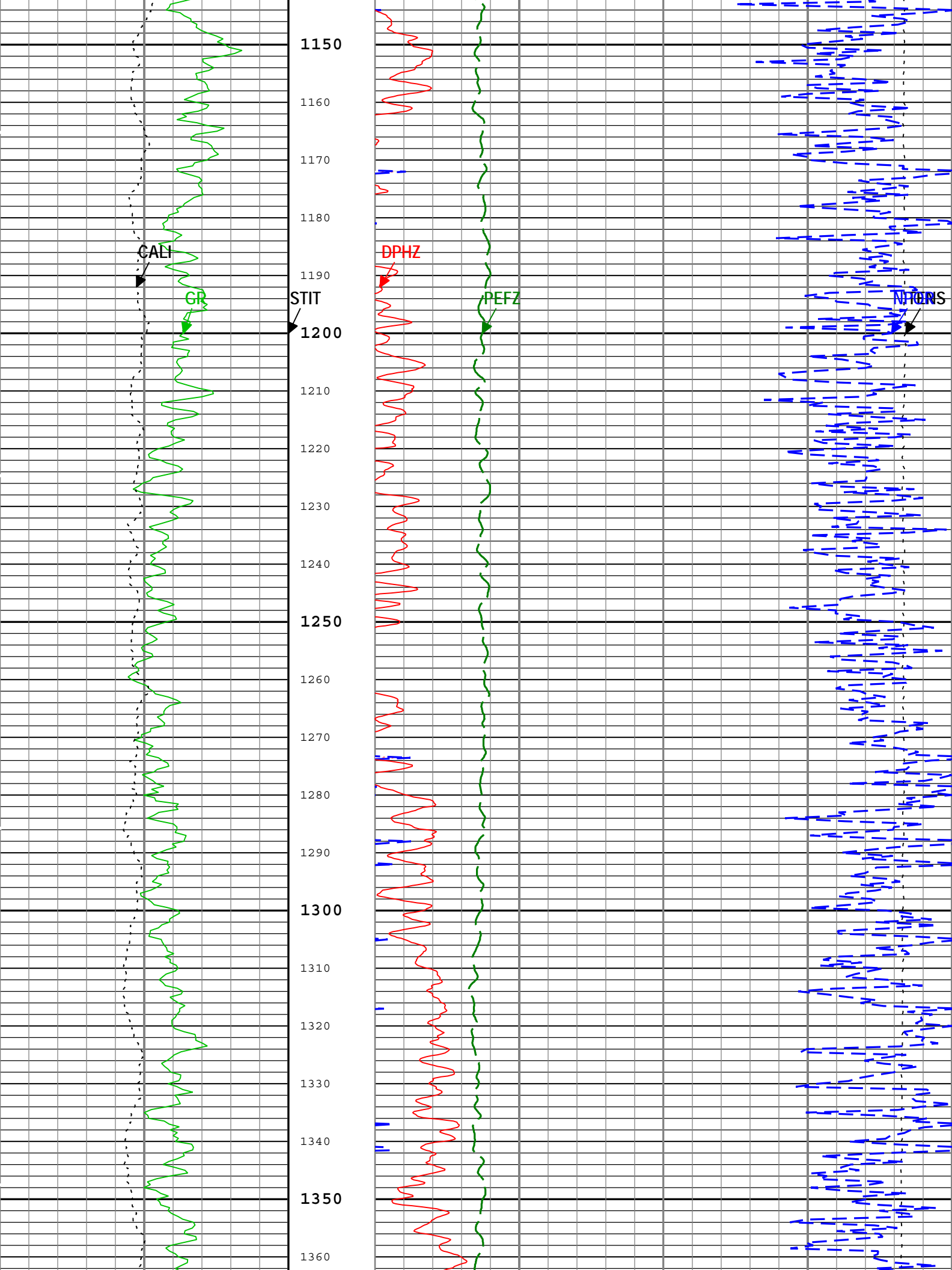
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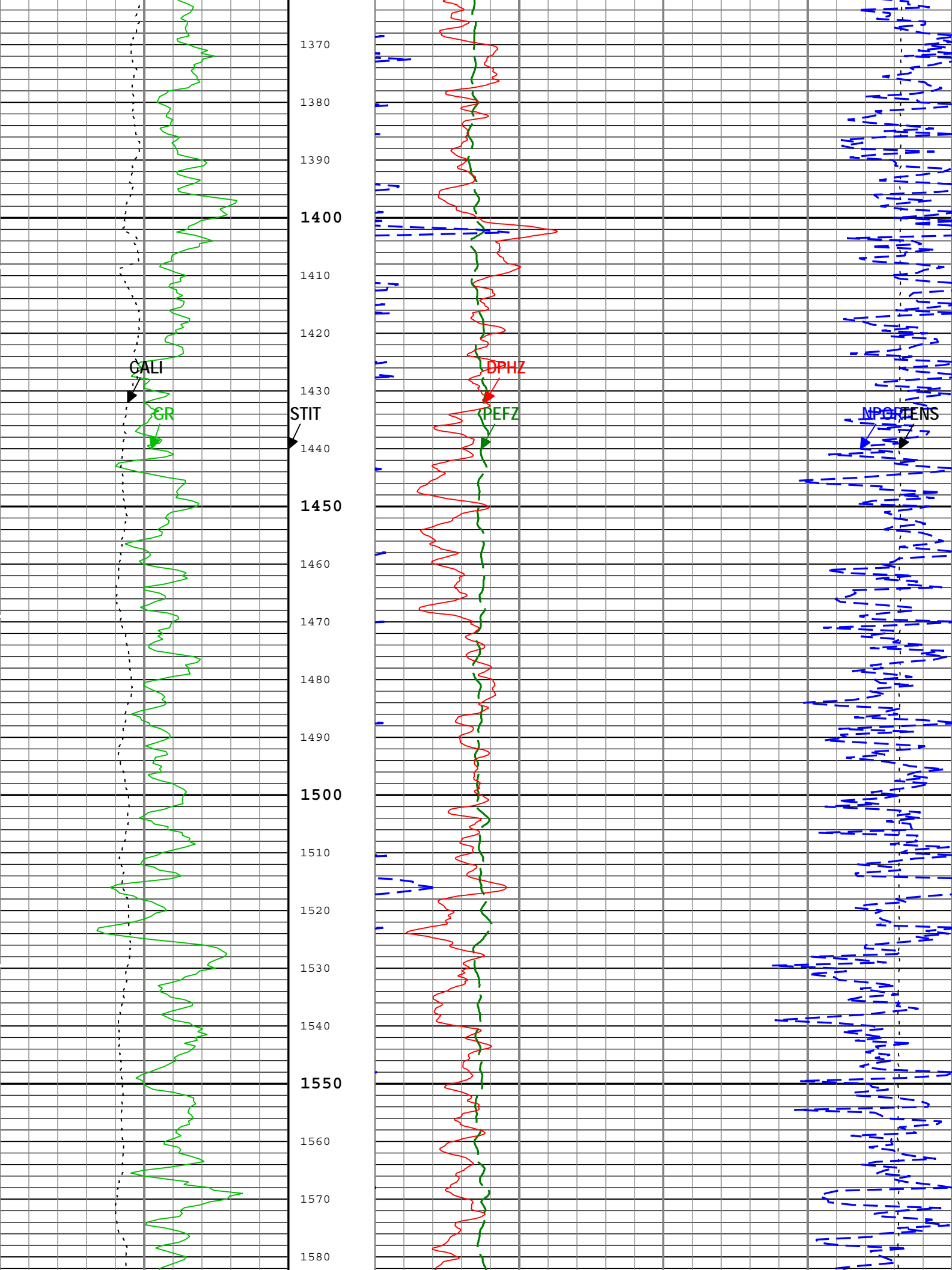


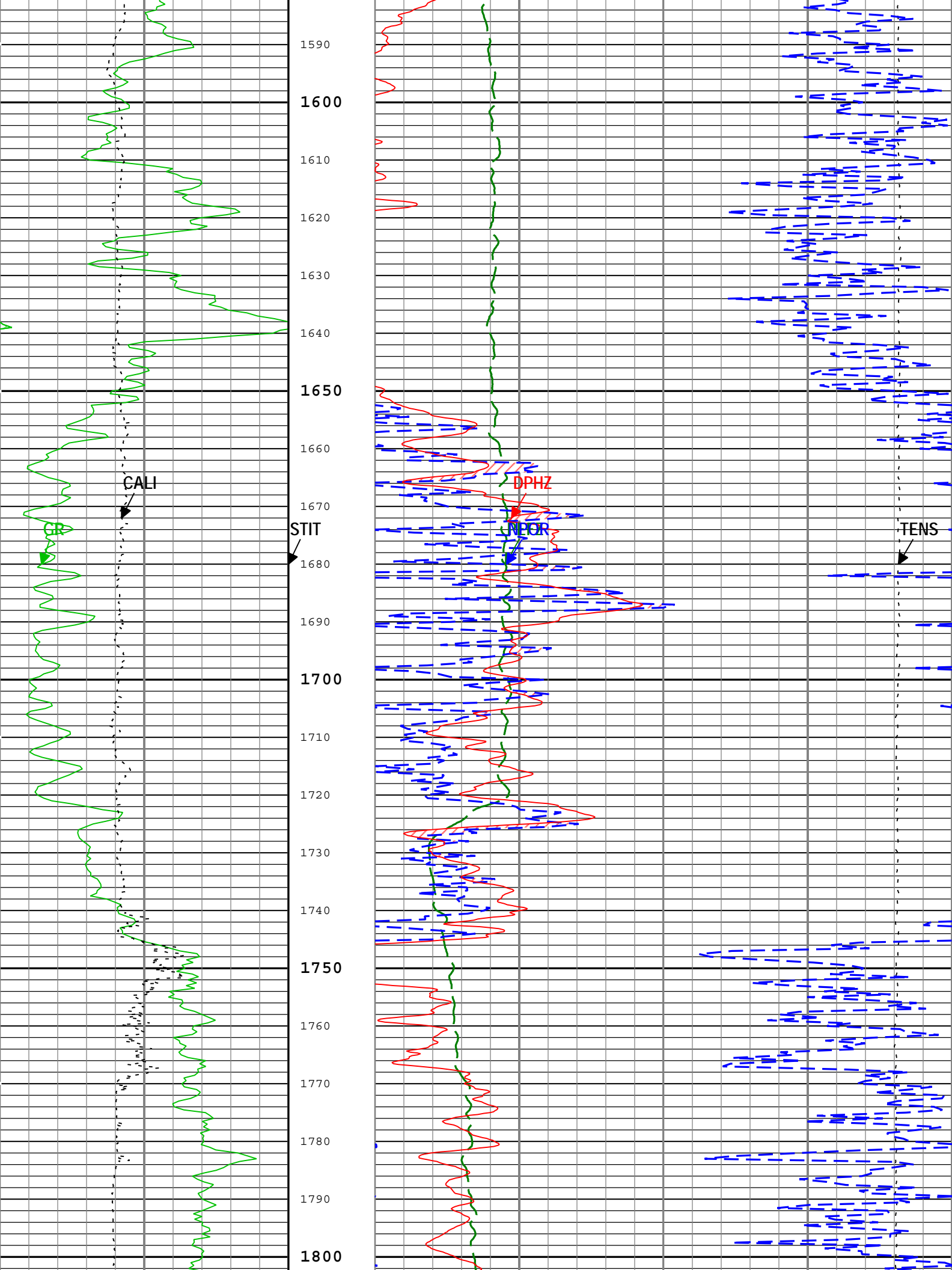


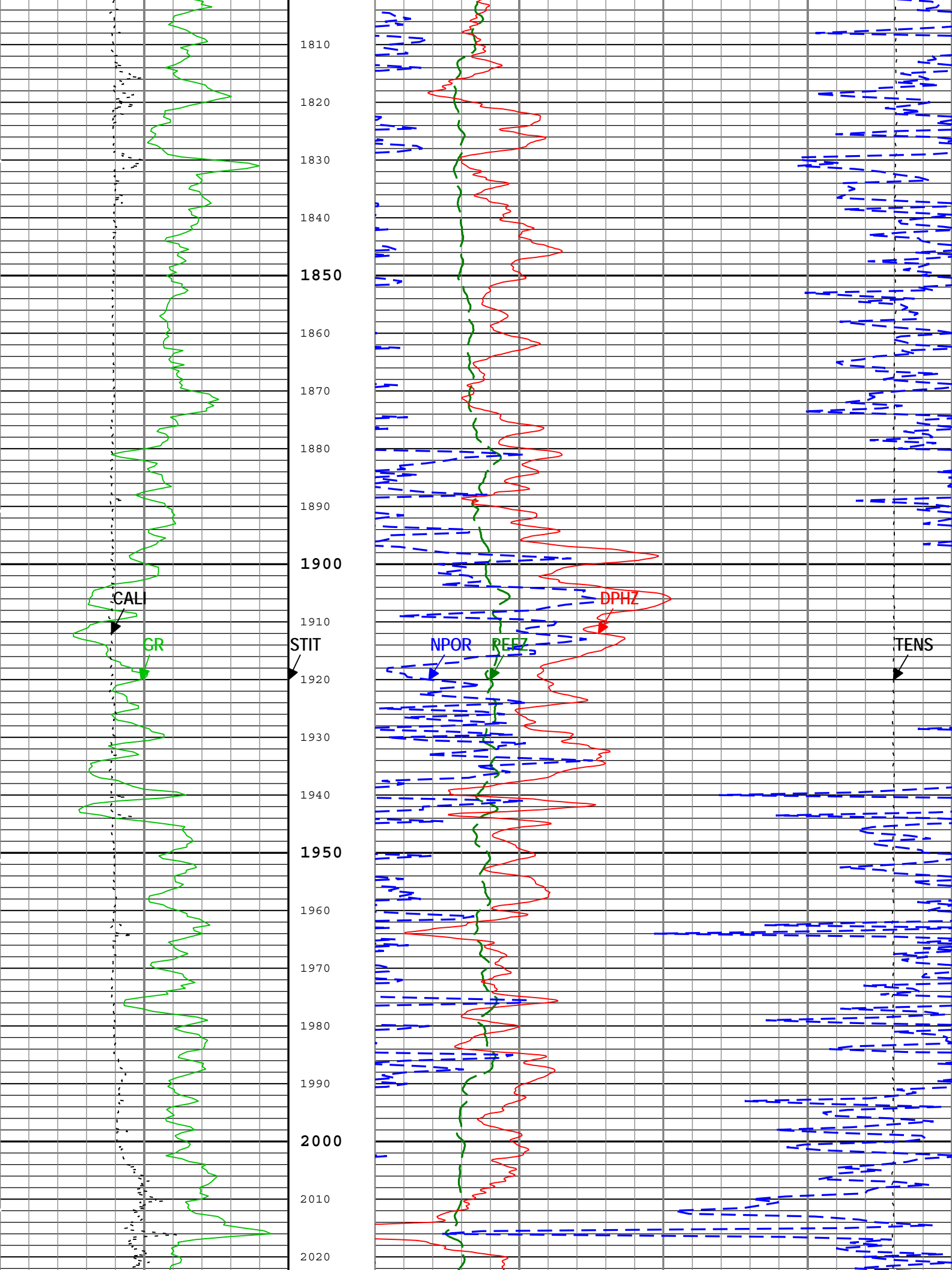


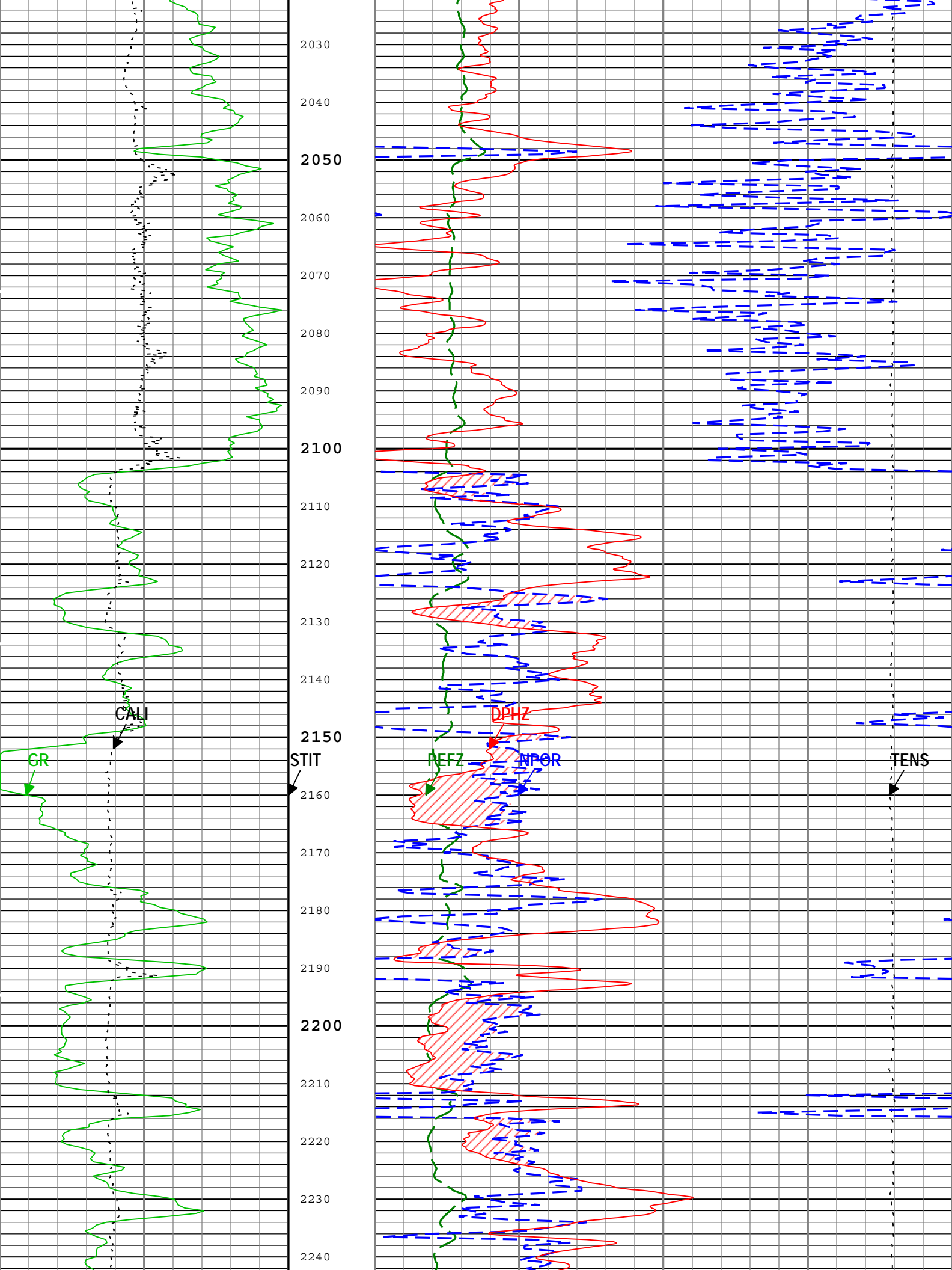


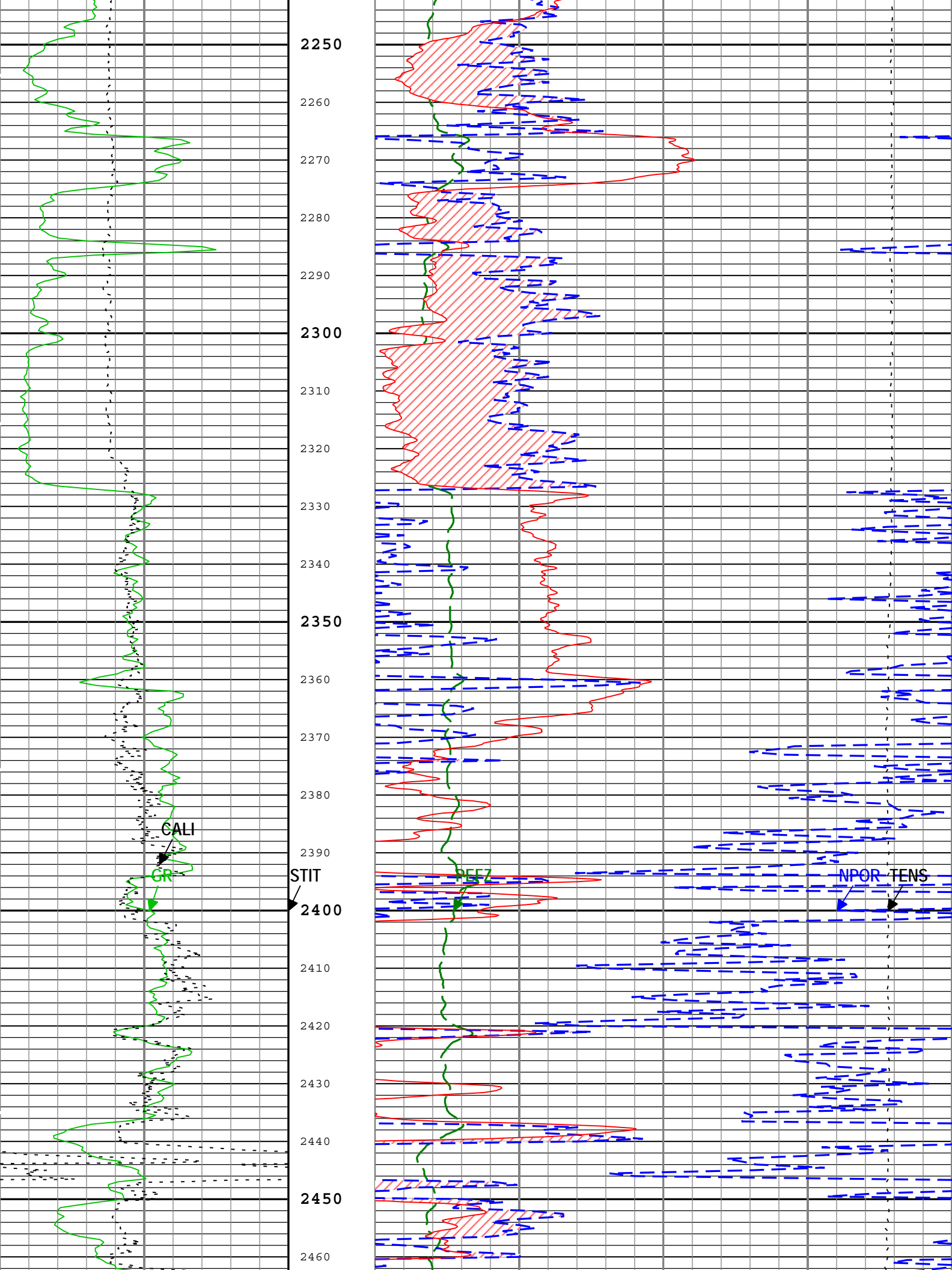


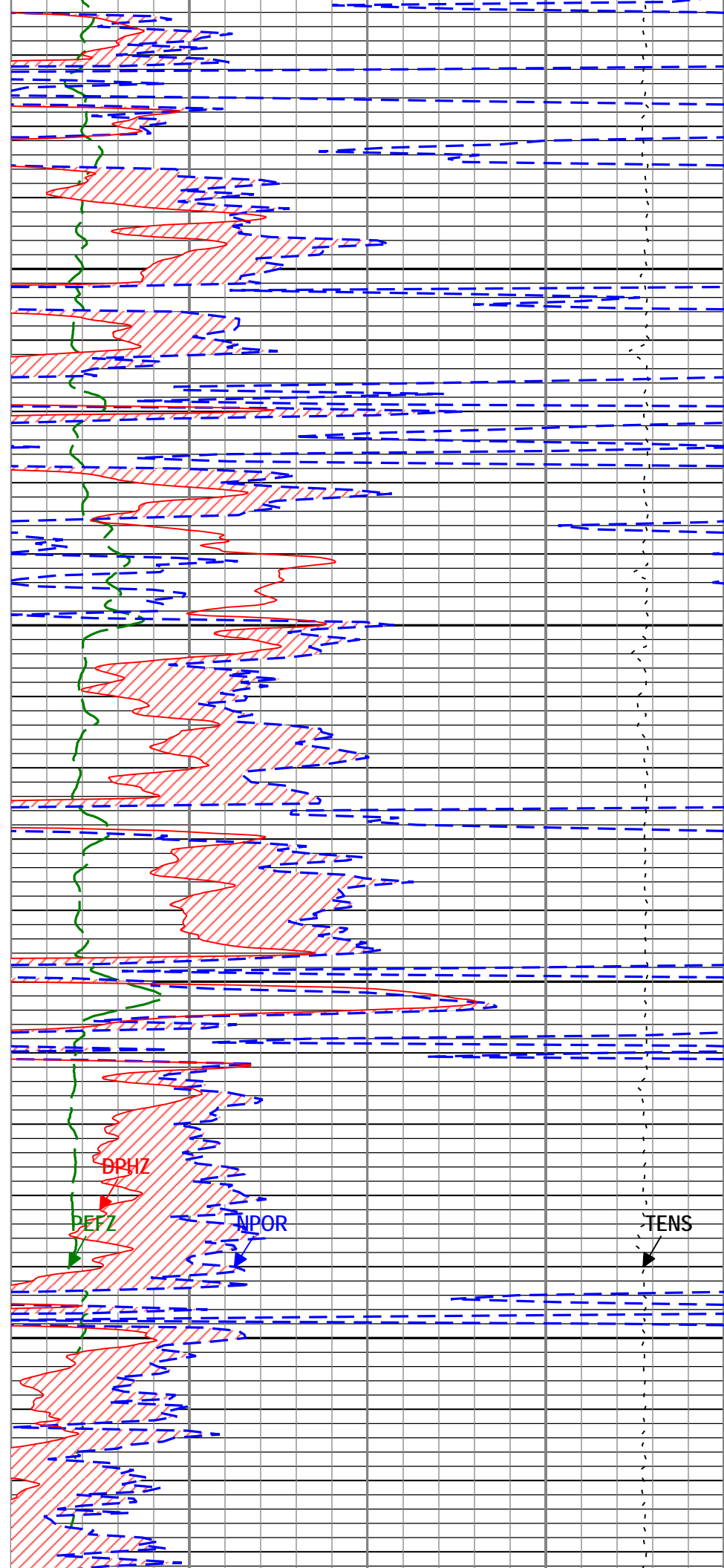
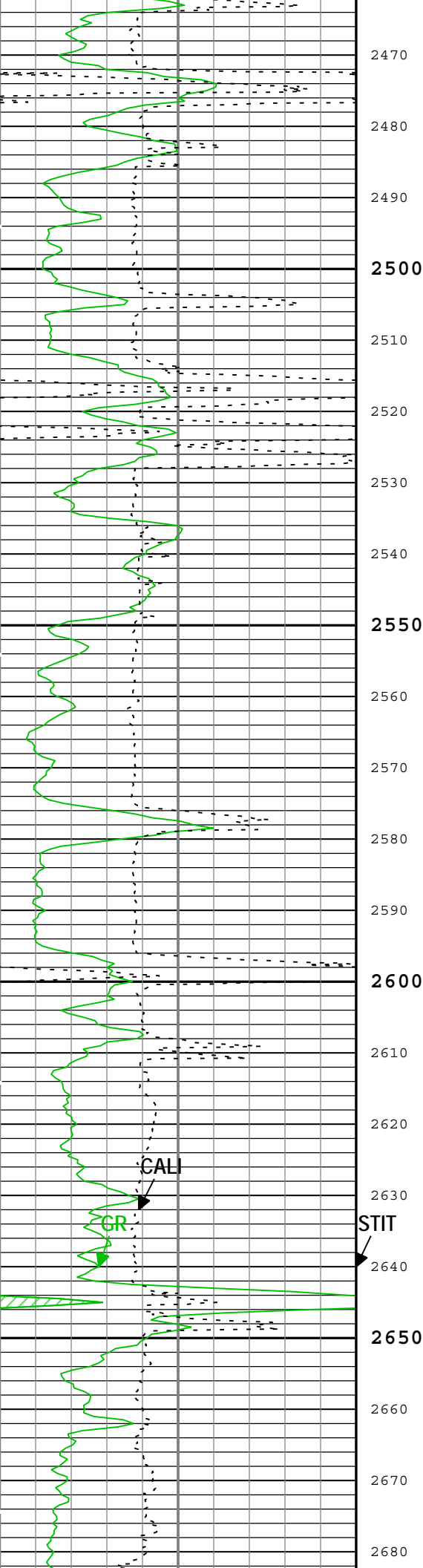




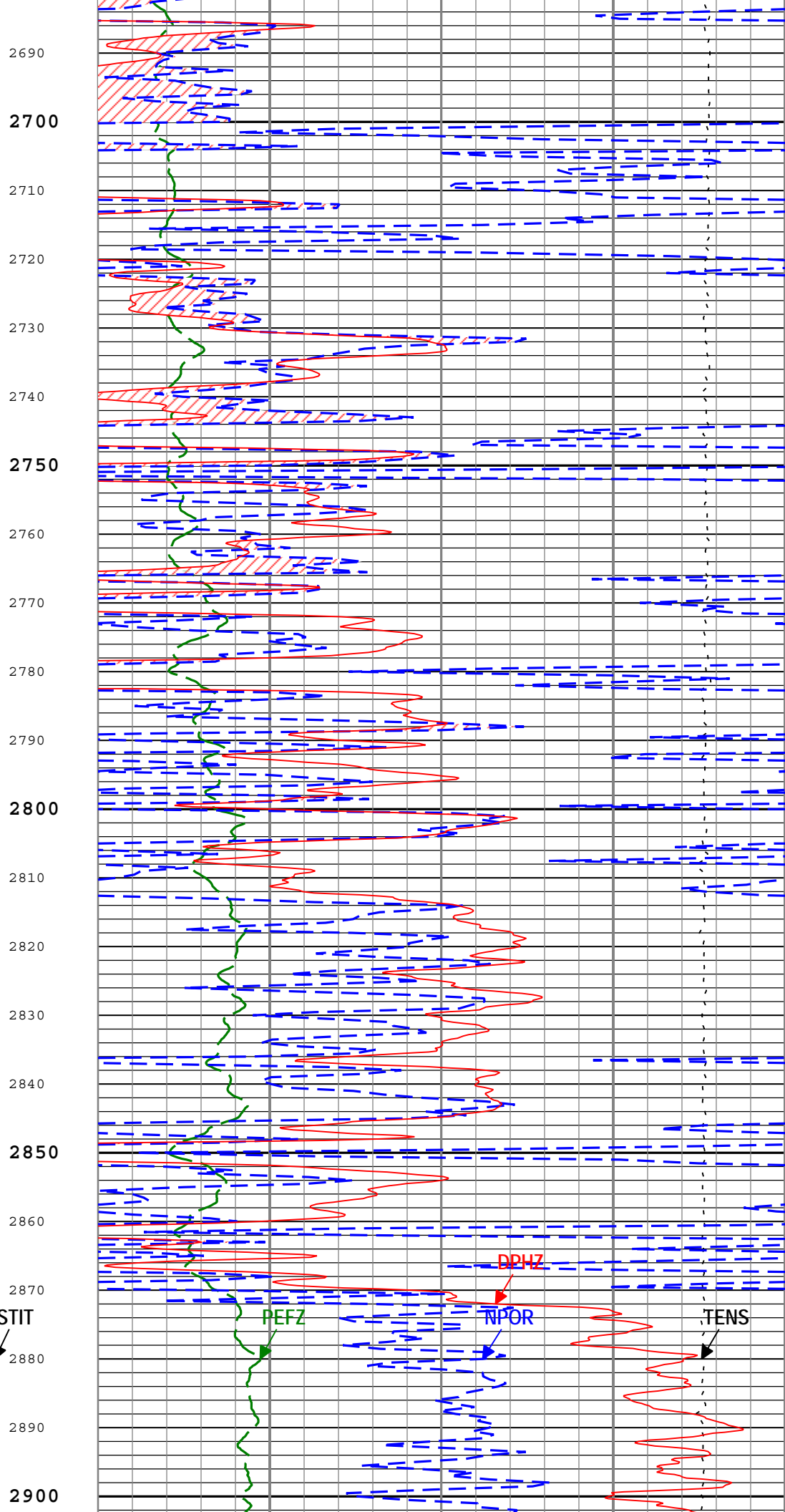
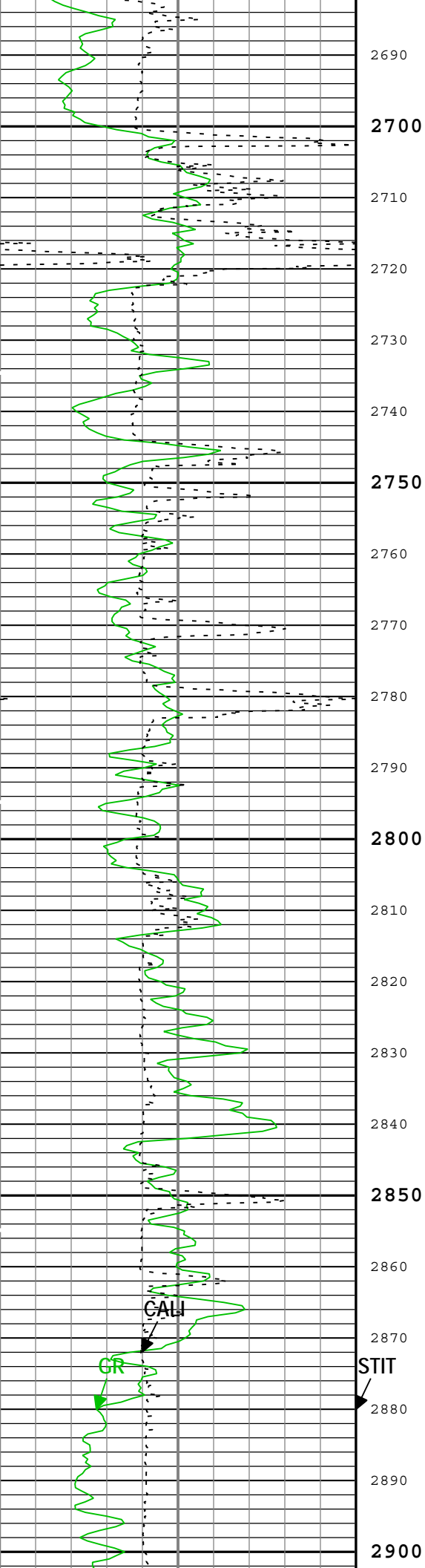


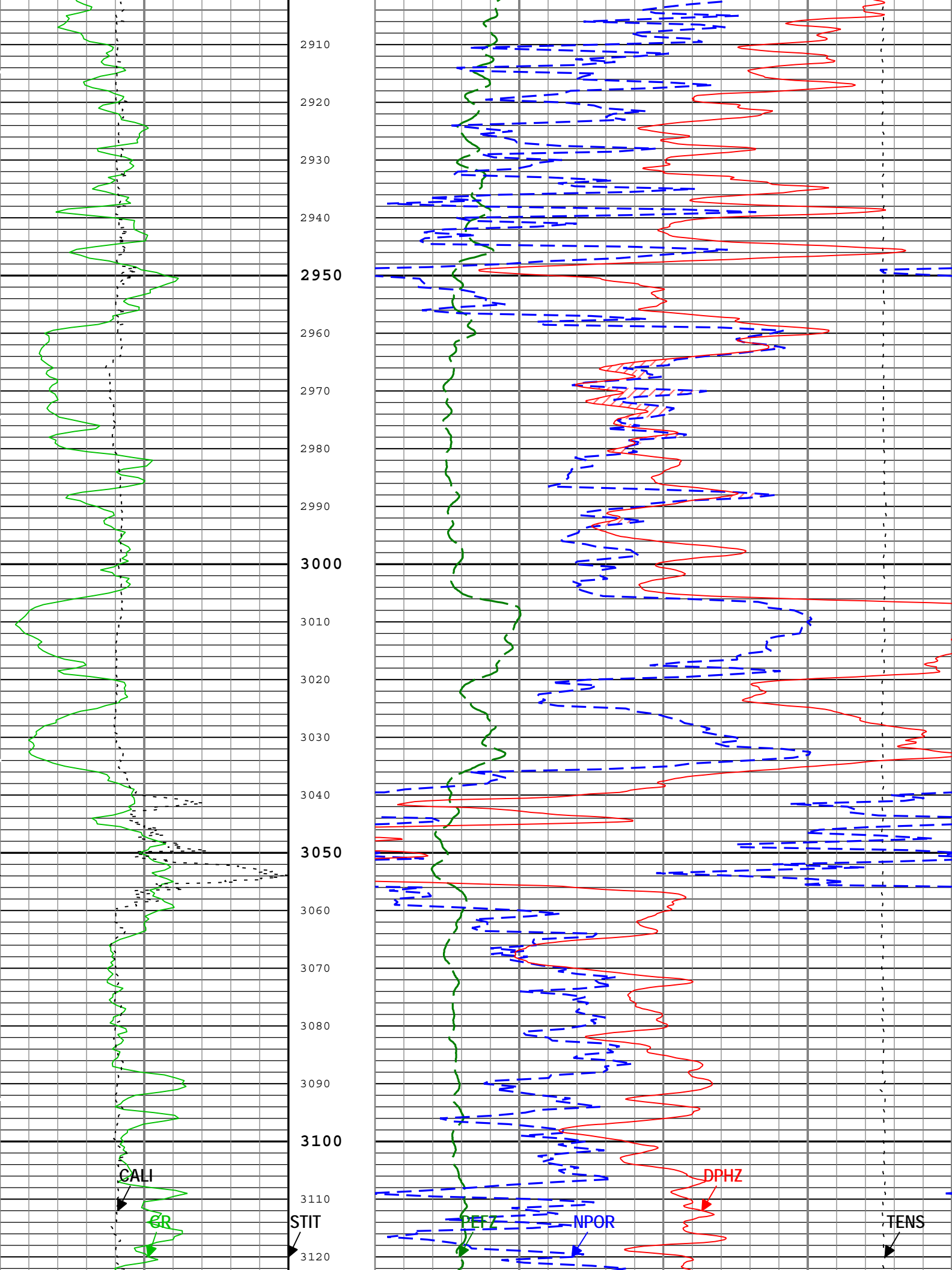


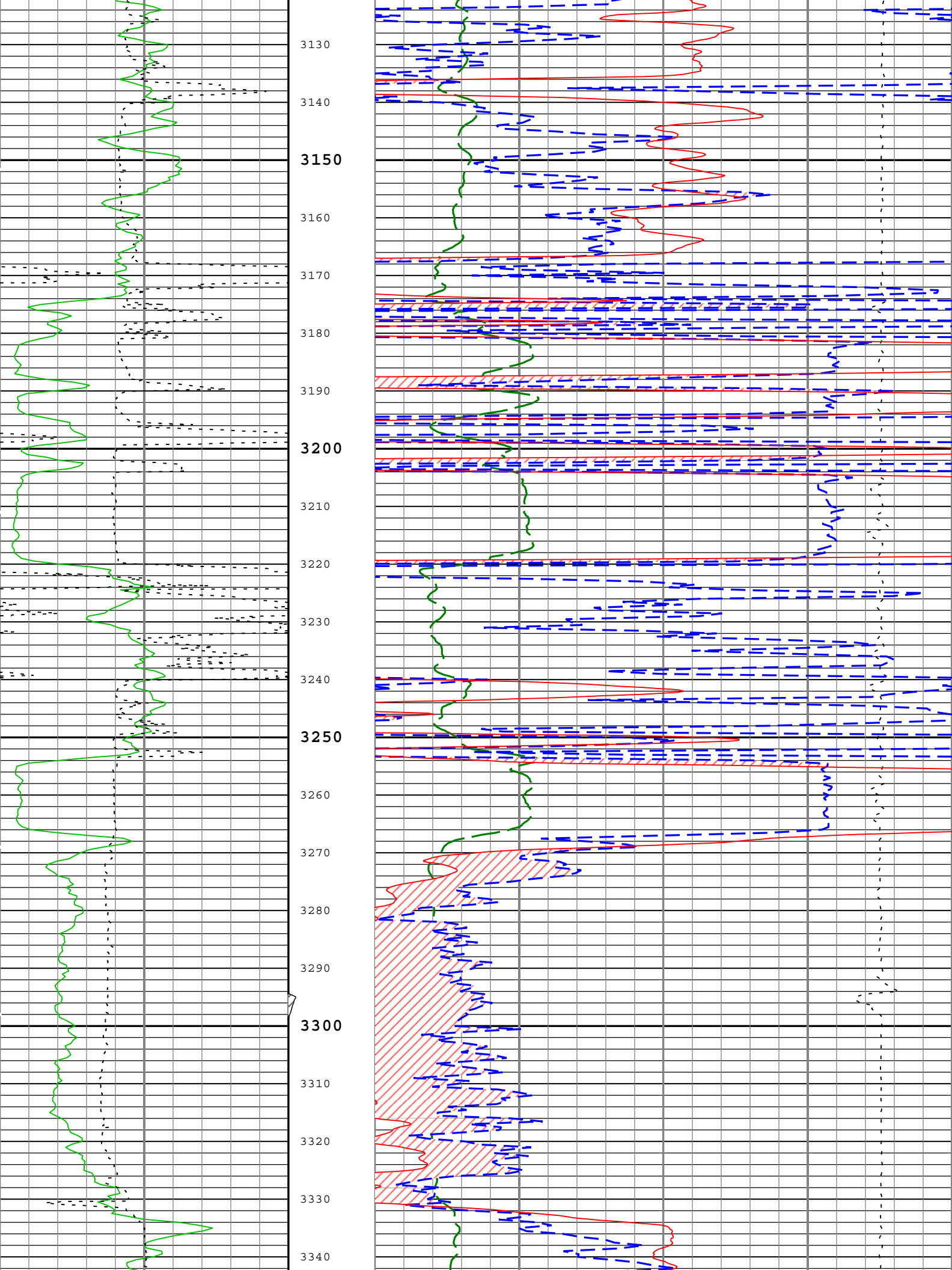


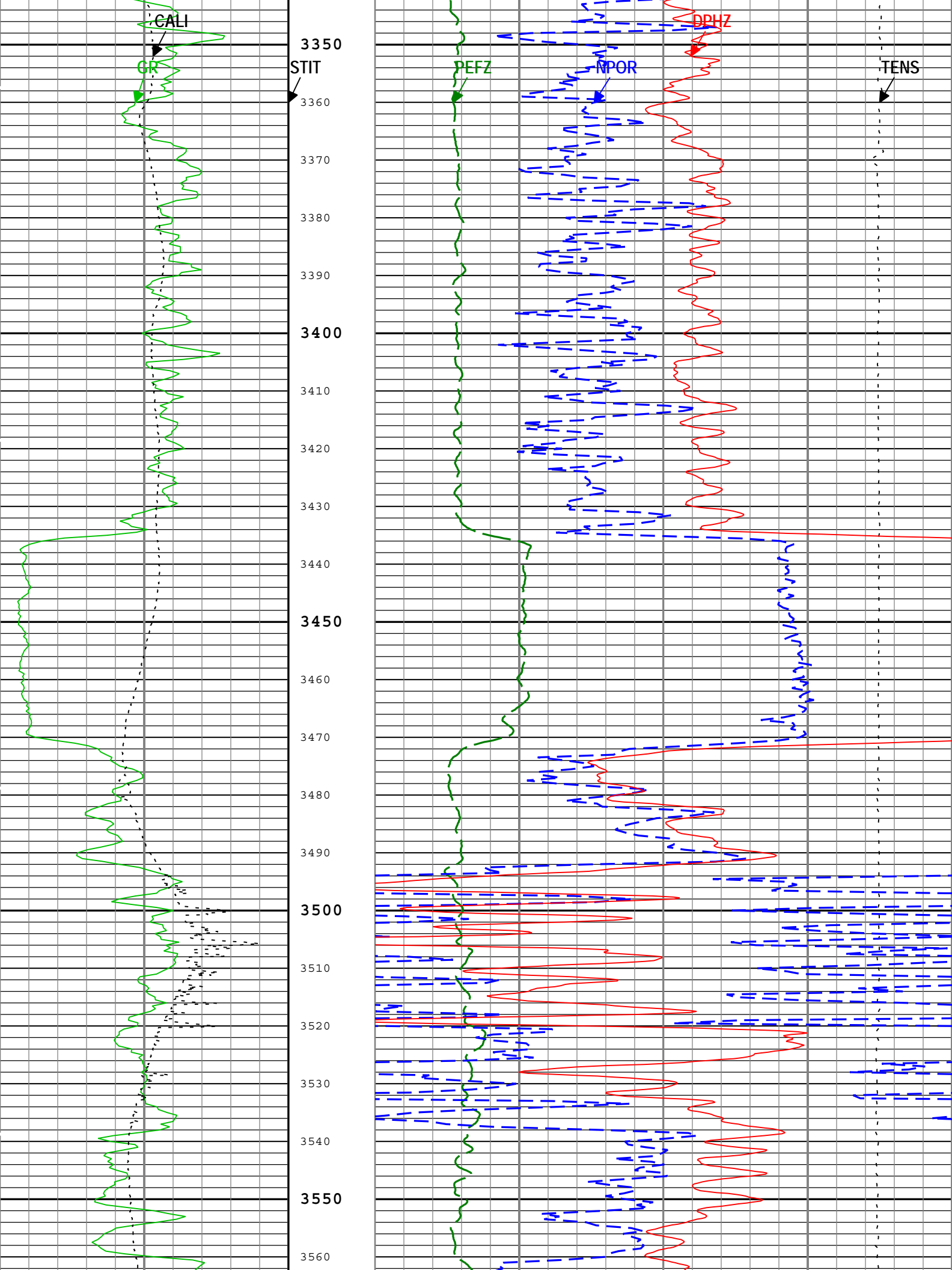


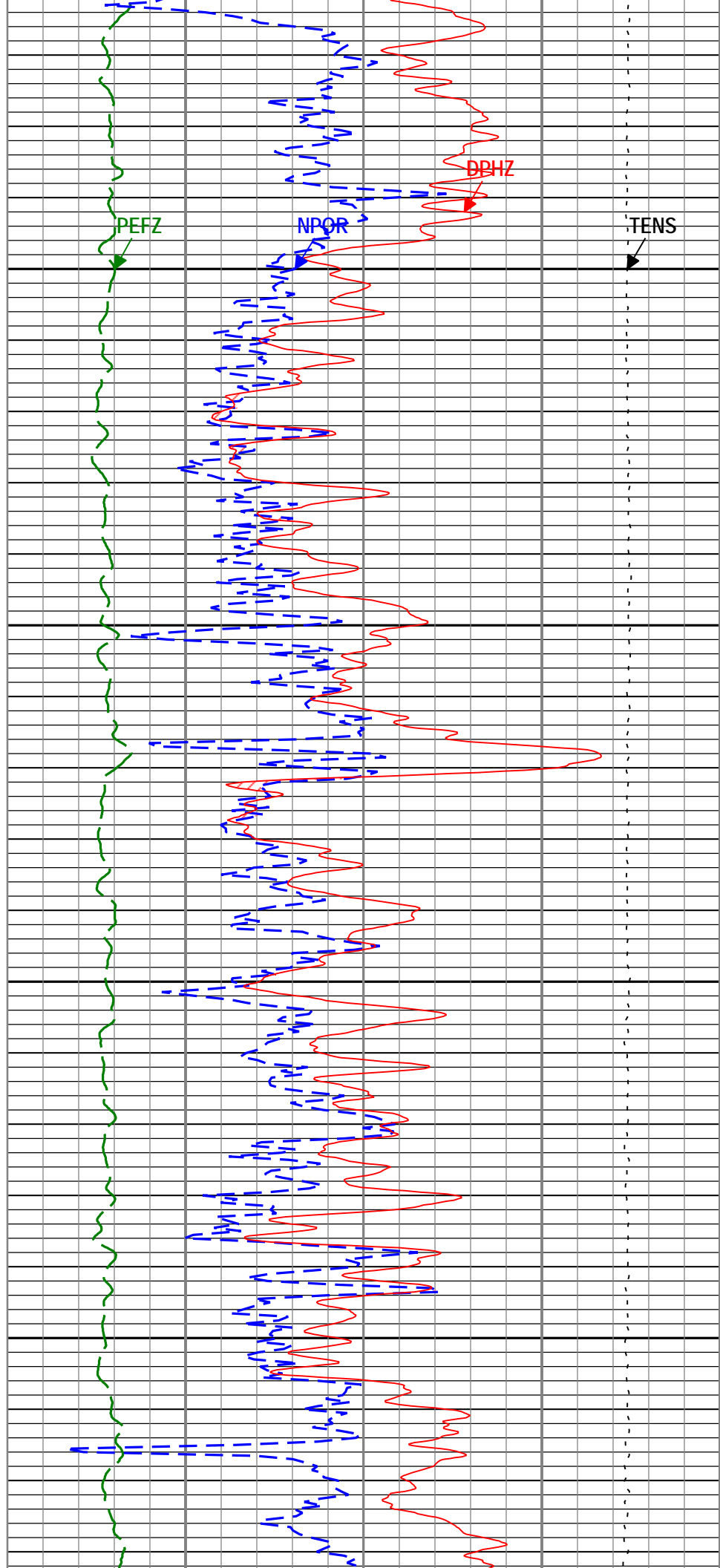
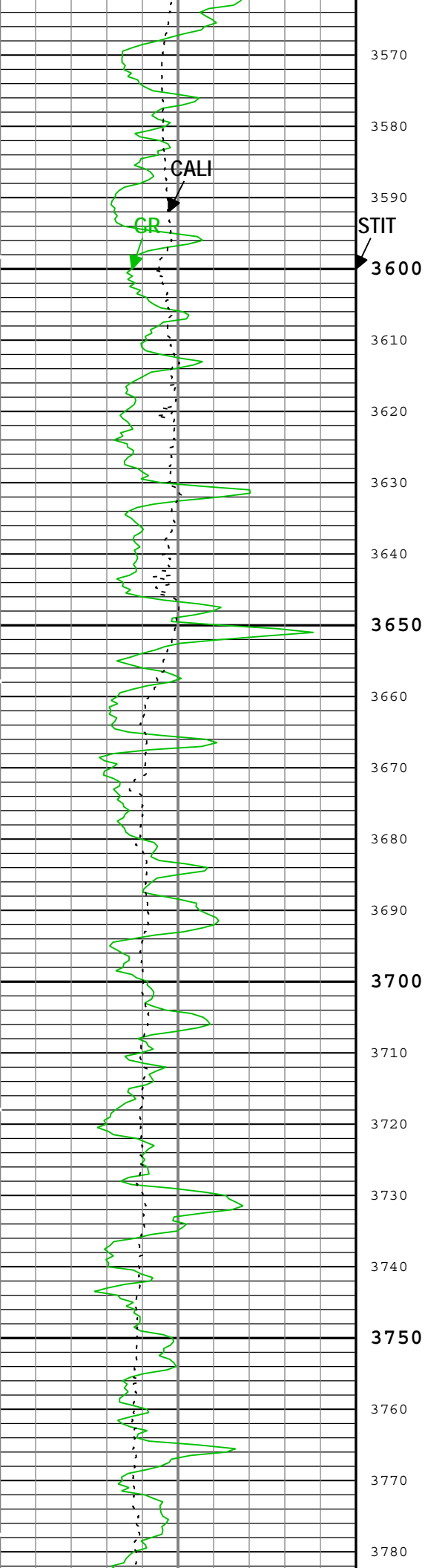


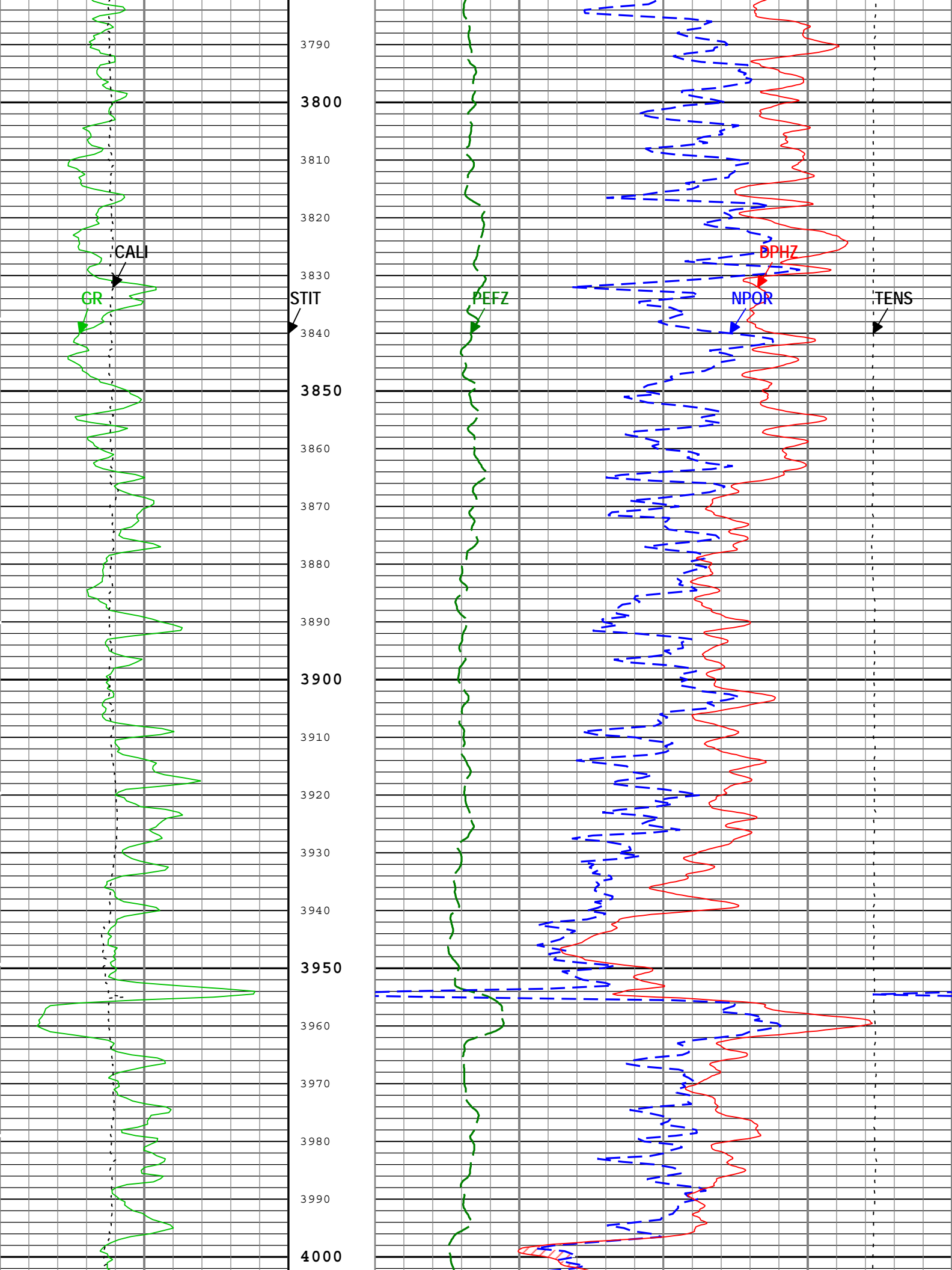


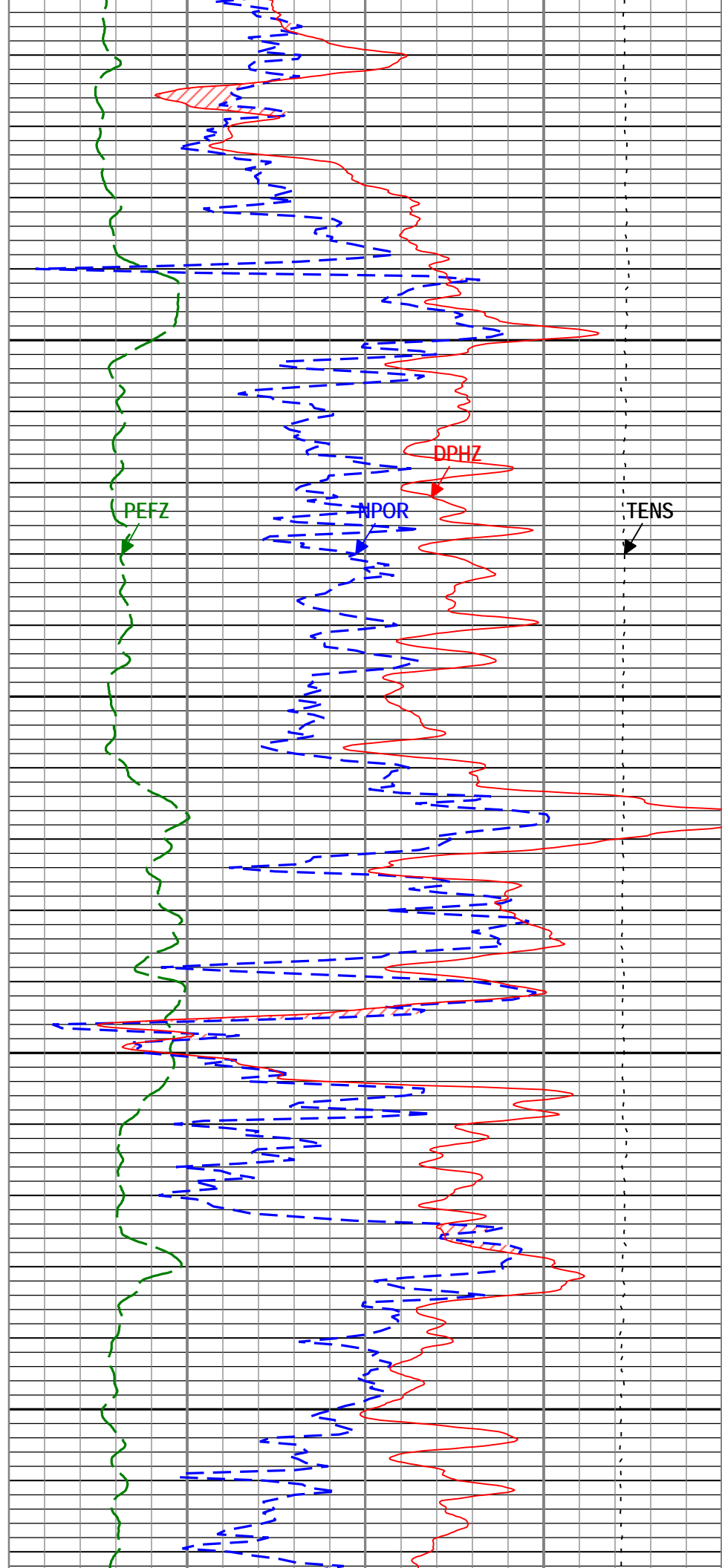
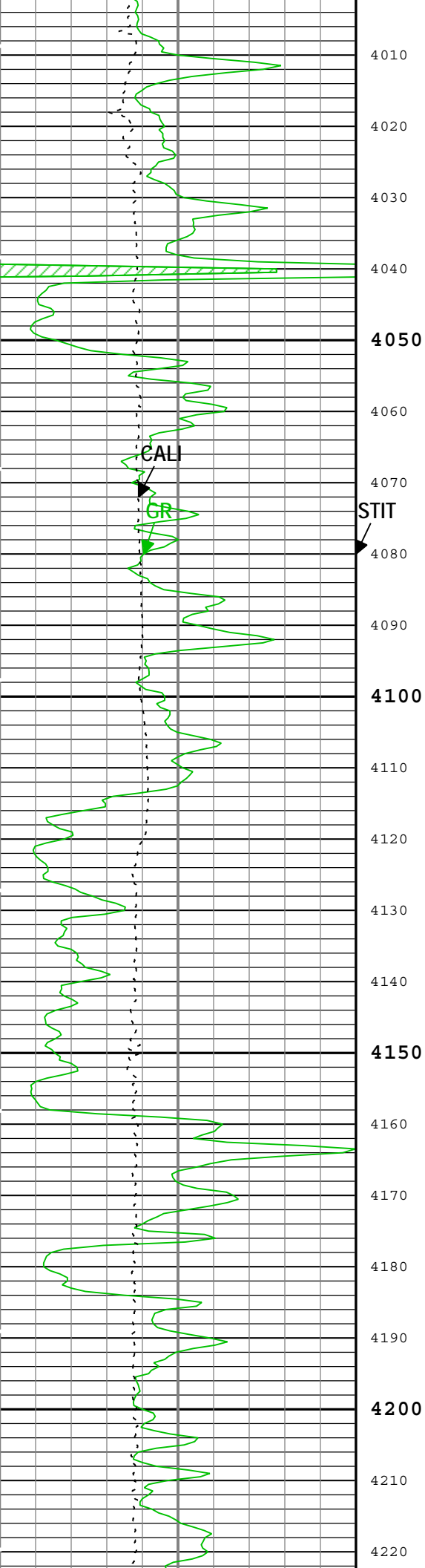


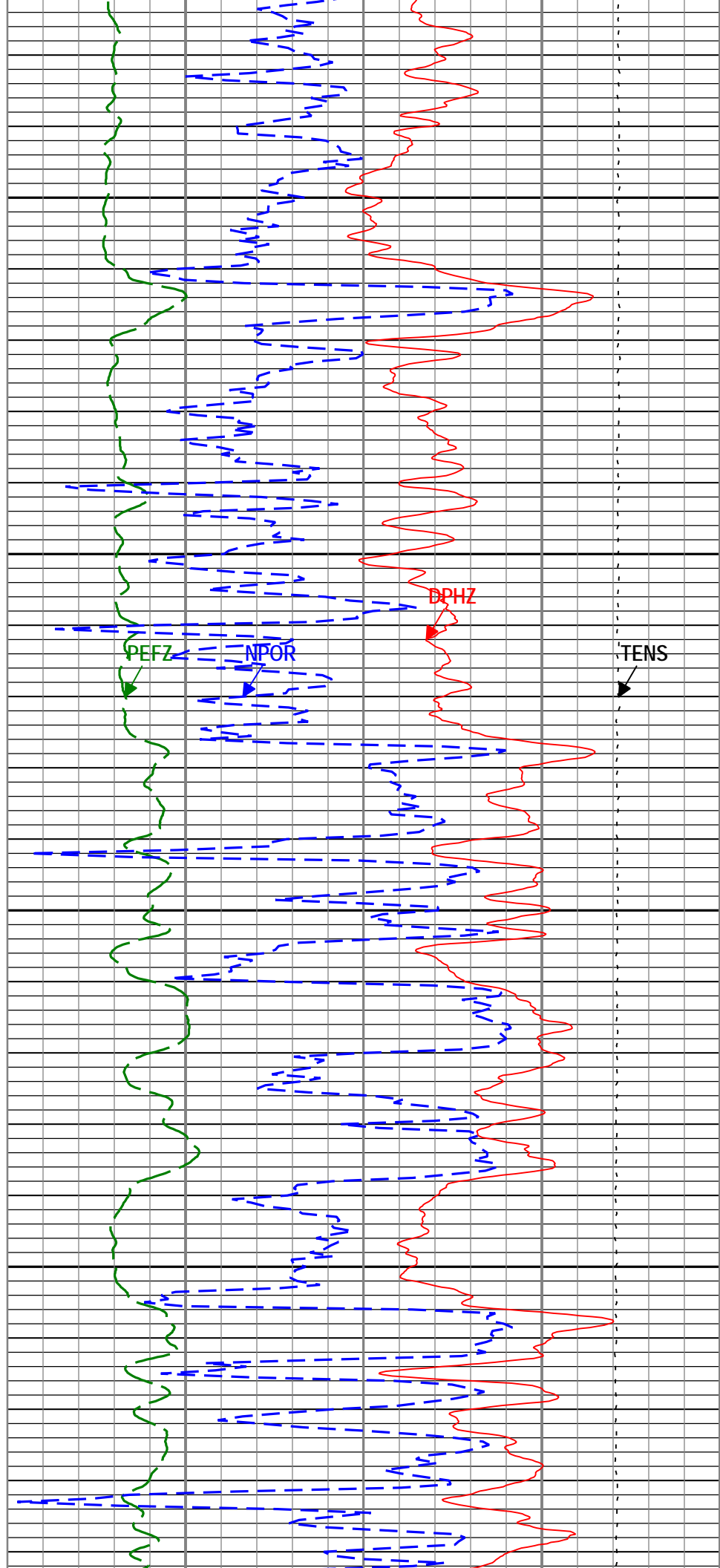
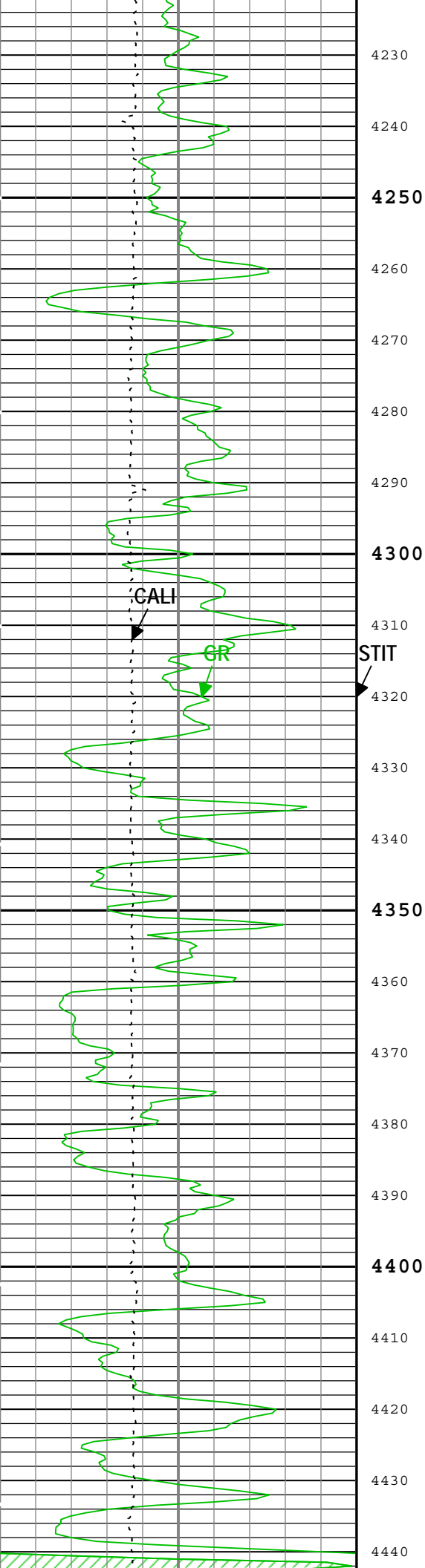




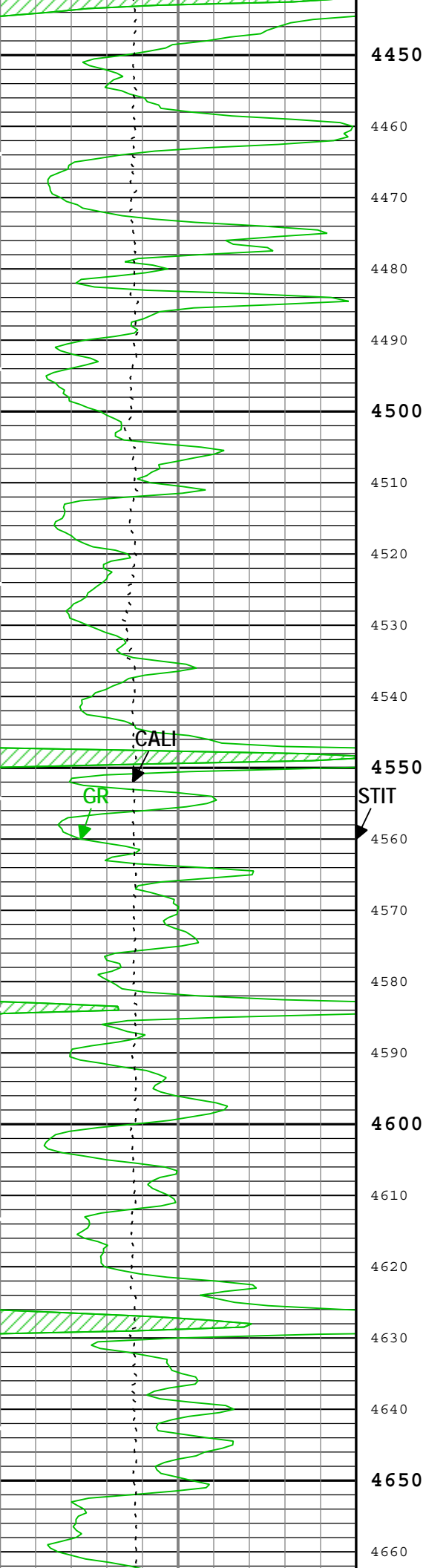












4450

4460

4470

4480

4490

4500

4510

4520

4530

4540

4550

4560

4570

4580

4590

4600

4610

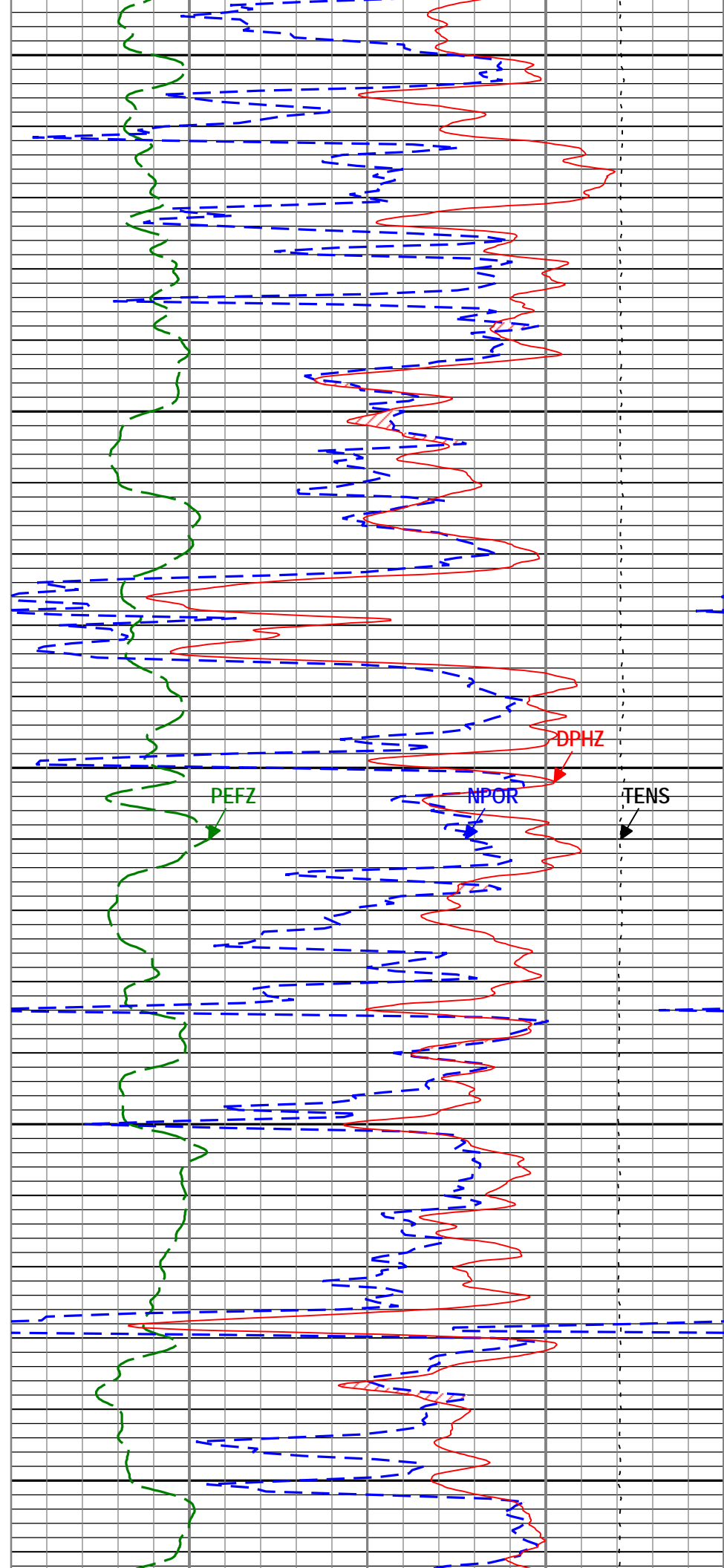
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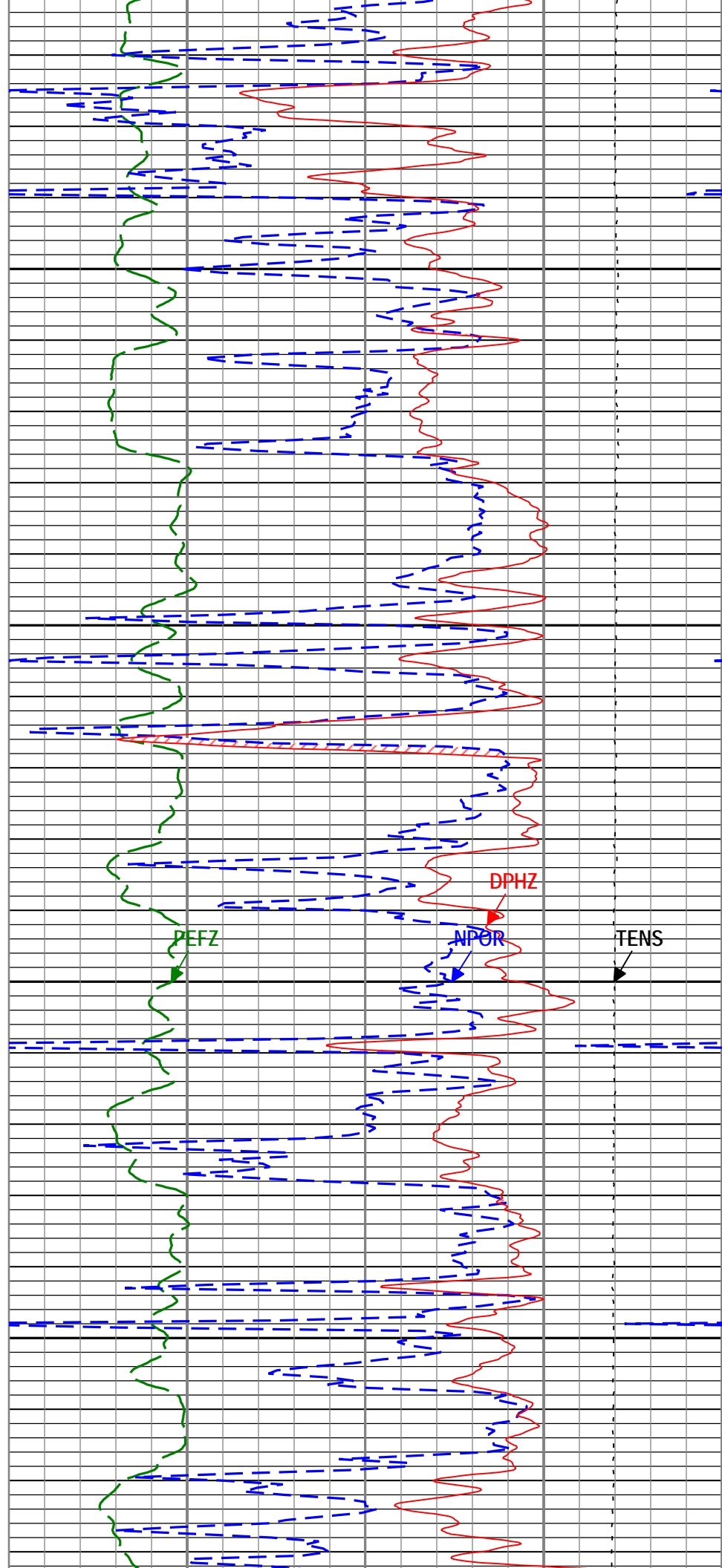
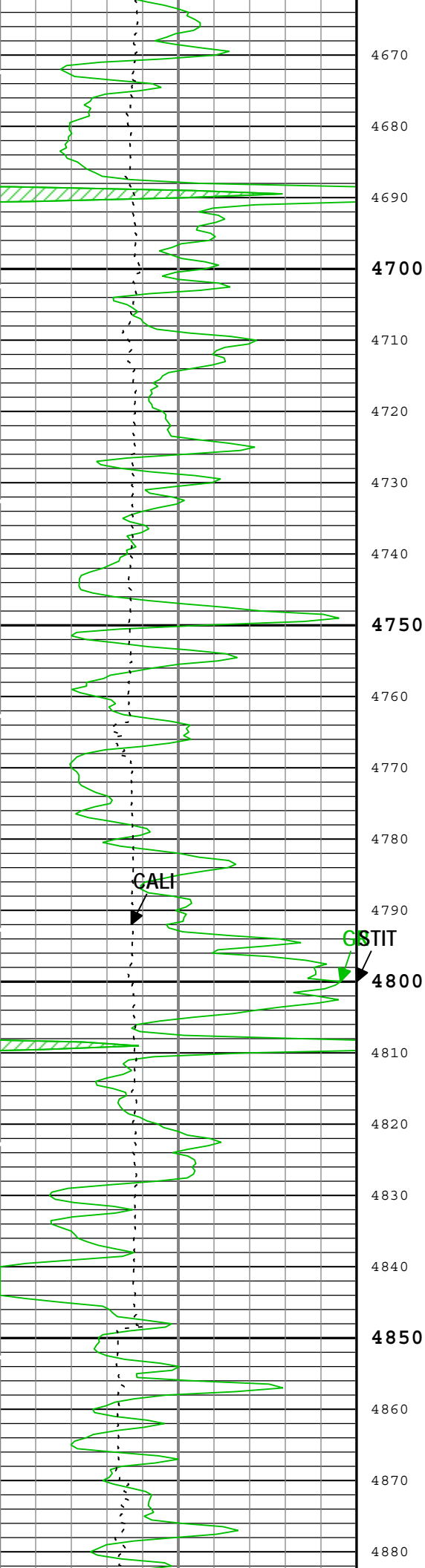
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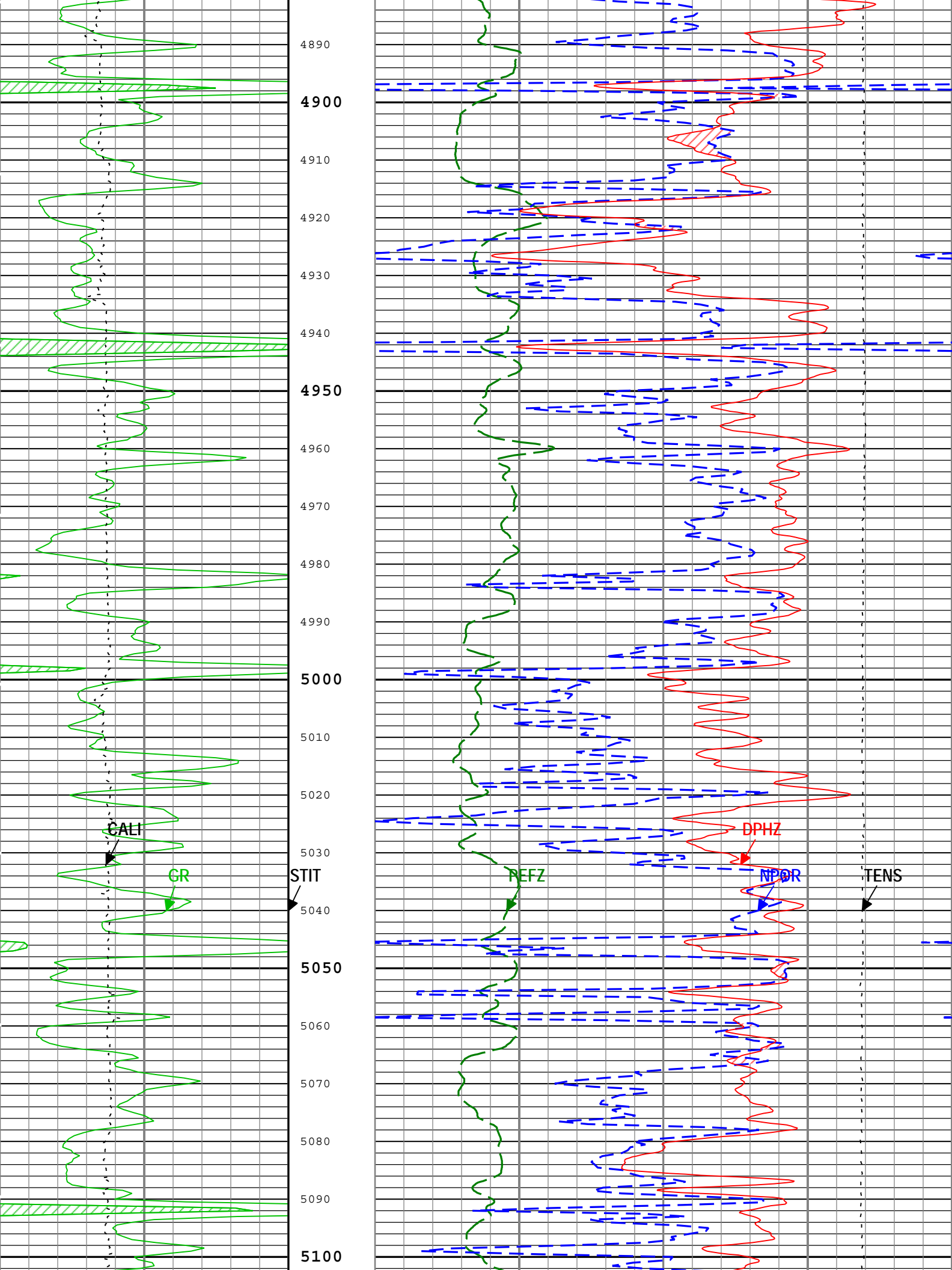
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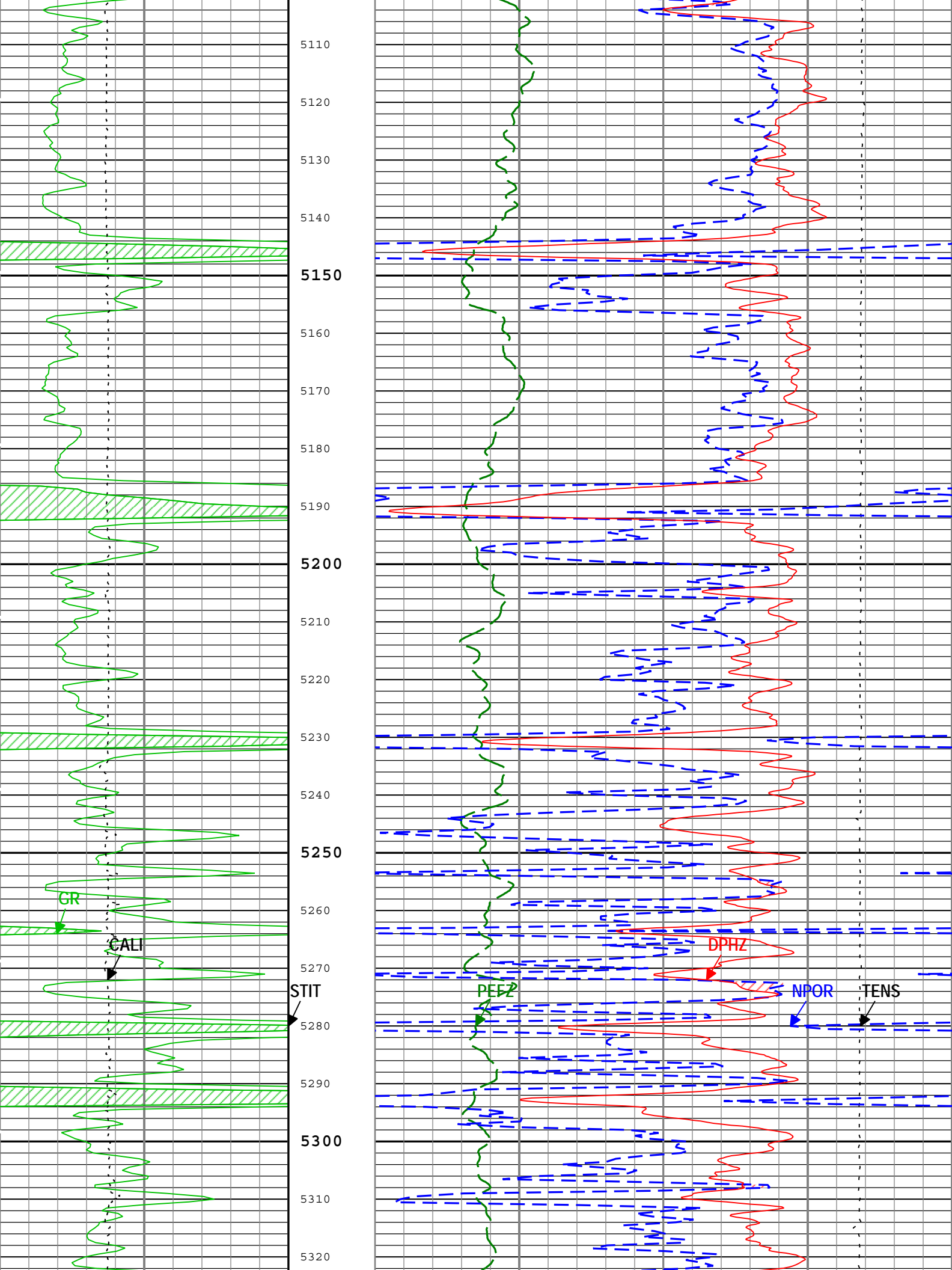
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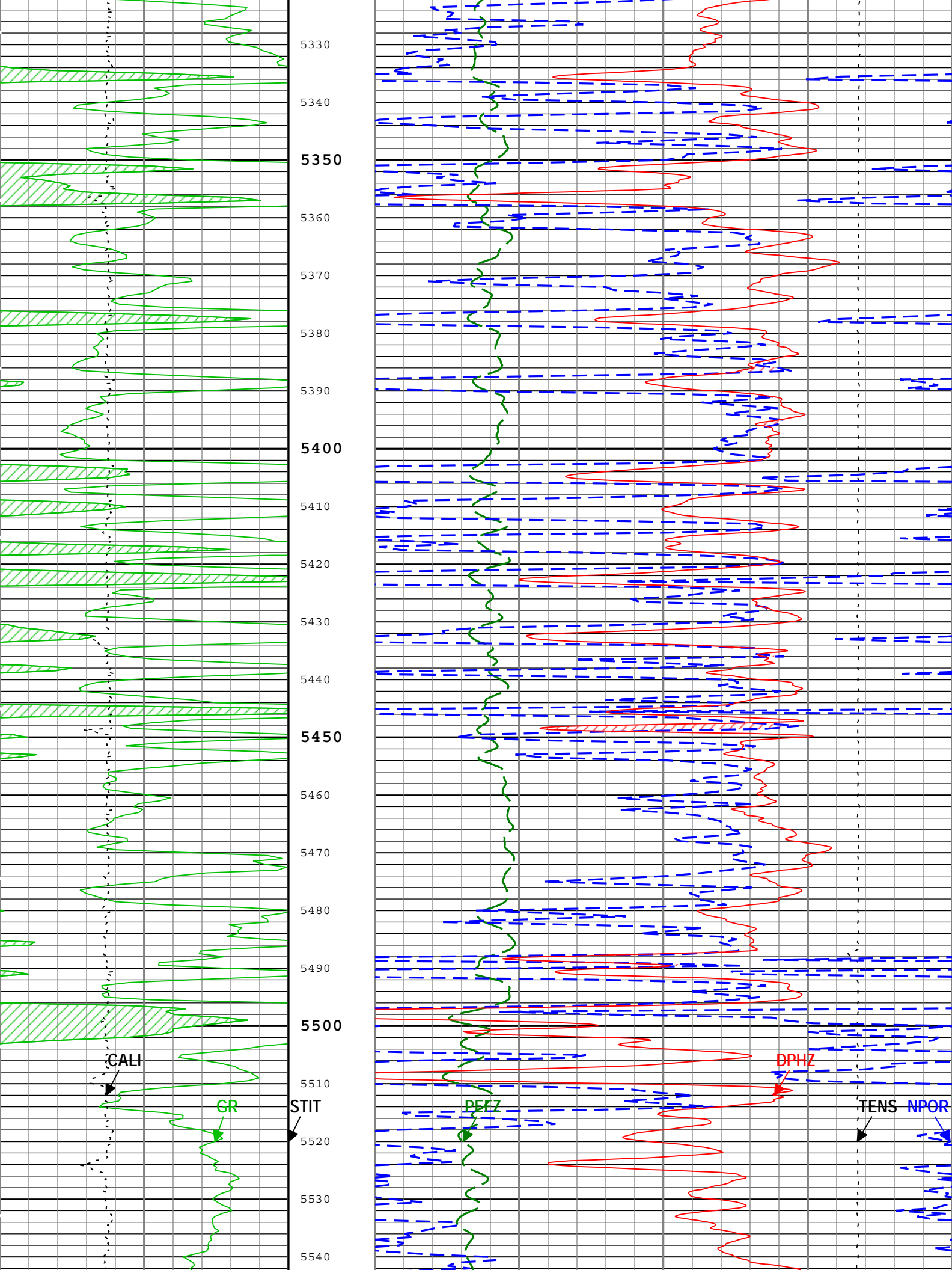
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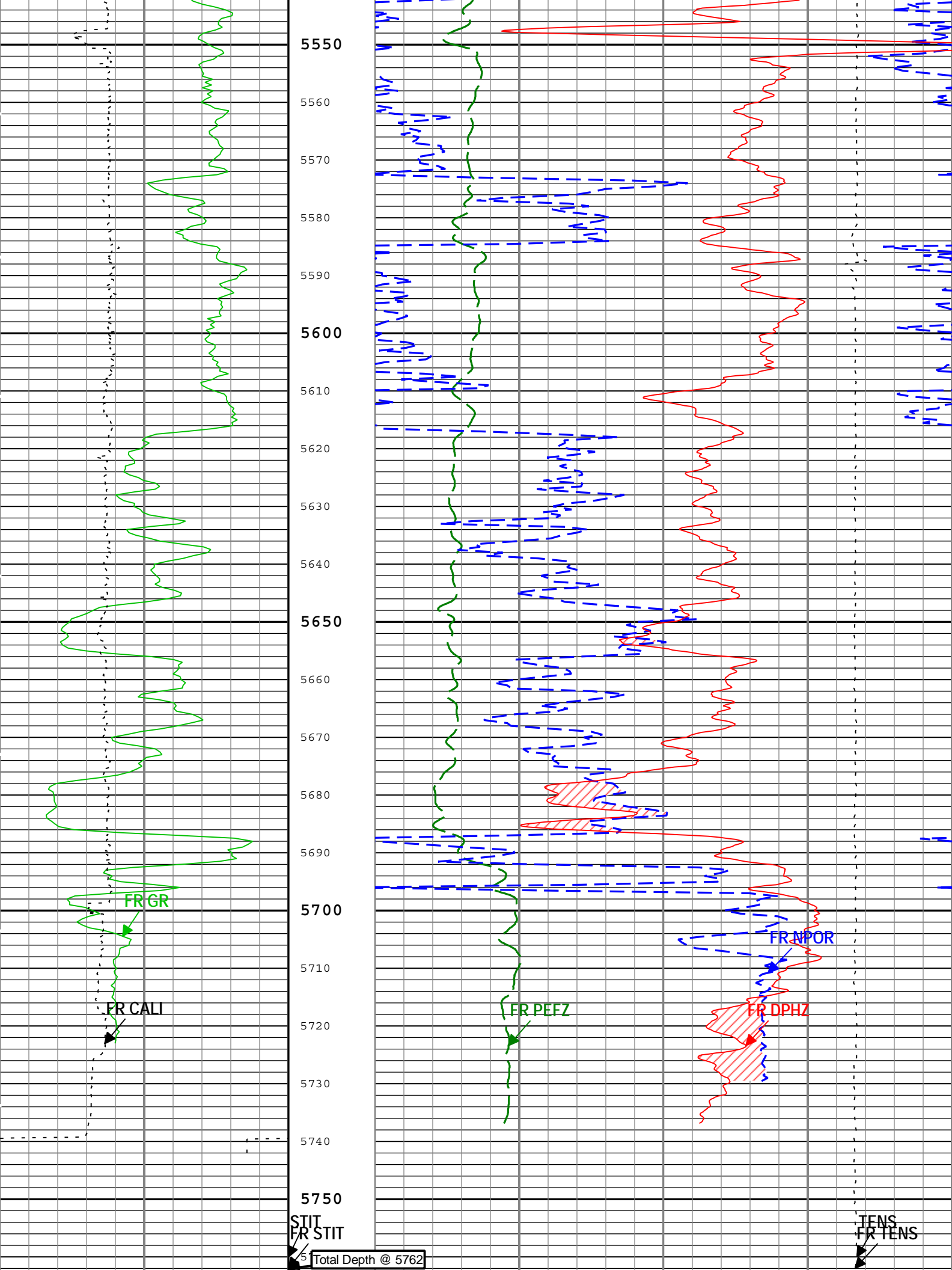












TIME_1900 - Time Marked every 60.00 (s)				
Description: HGNS standard resolution porosities for Platform Express	Format: Log ( EMD 5in Porosity )	Index Scale: 5 in per 100 ft	Index Unit: ft	Index
Type: Measured Depth	Creation Date: 04-Oct-2013 05:47:41			

Tool Control Parameters				
Parameter	Description	Tool	Value	Unit
HMCA_BRD_TYPE	HMCA Board Type	HGNS-B	0	
HRGD_BRD_TYPE	HRGD Board Type	HDRS-B	WITHOUT_HET	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	1800	ft/h
STSO_HRDD	Temperature Source for the Density Algorithm	HDRS-B	Decaytime algorithm	

## 5" Repeat Analysis

## Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
1	Log[5]:Up	Up	76.65 ft	5781.03 ft	04-Oct-2013 3:31:08 AM	04-Oct-2013 5:46:50 AM	ON	0.00 ft	No

All depths are referenced to toolstring zero

## Log

Company: Vecta Oil &amp; Gas LTD

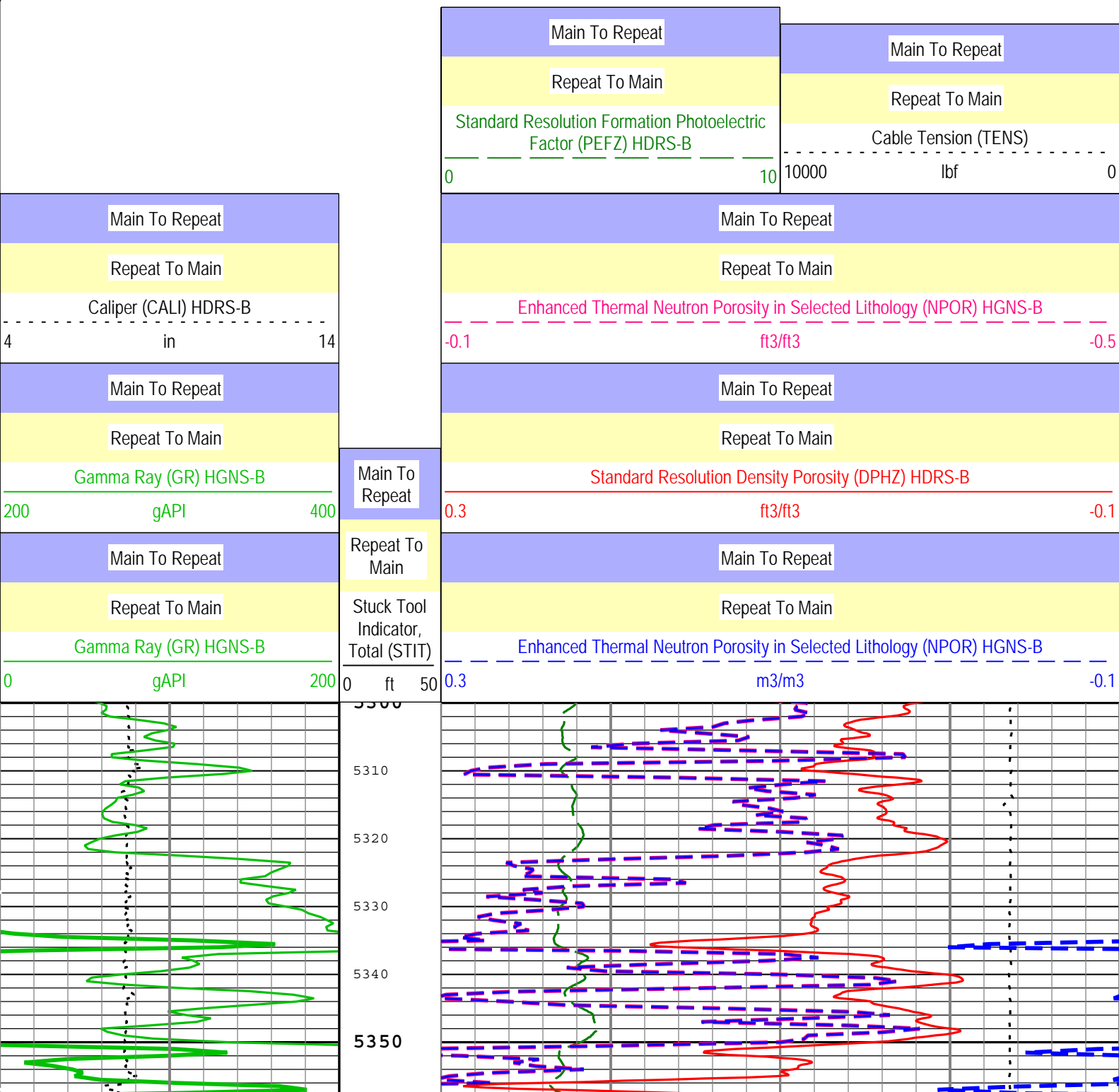
Well: Snowmass 32-32

1: Log[5]:Up:S011

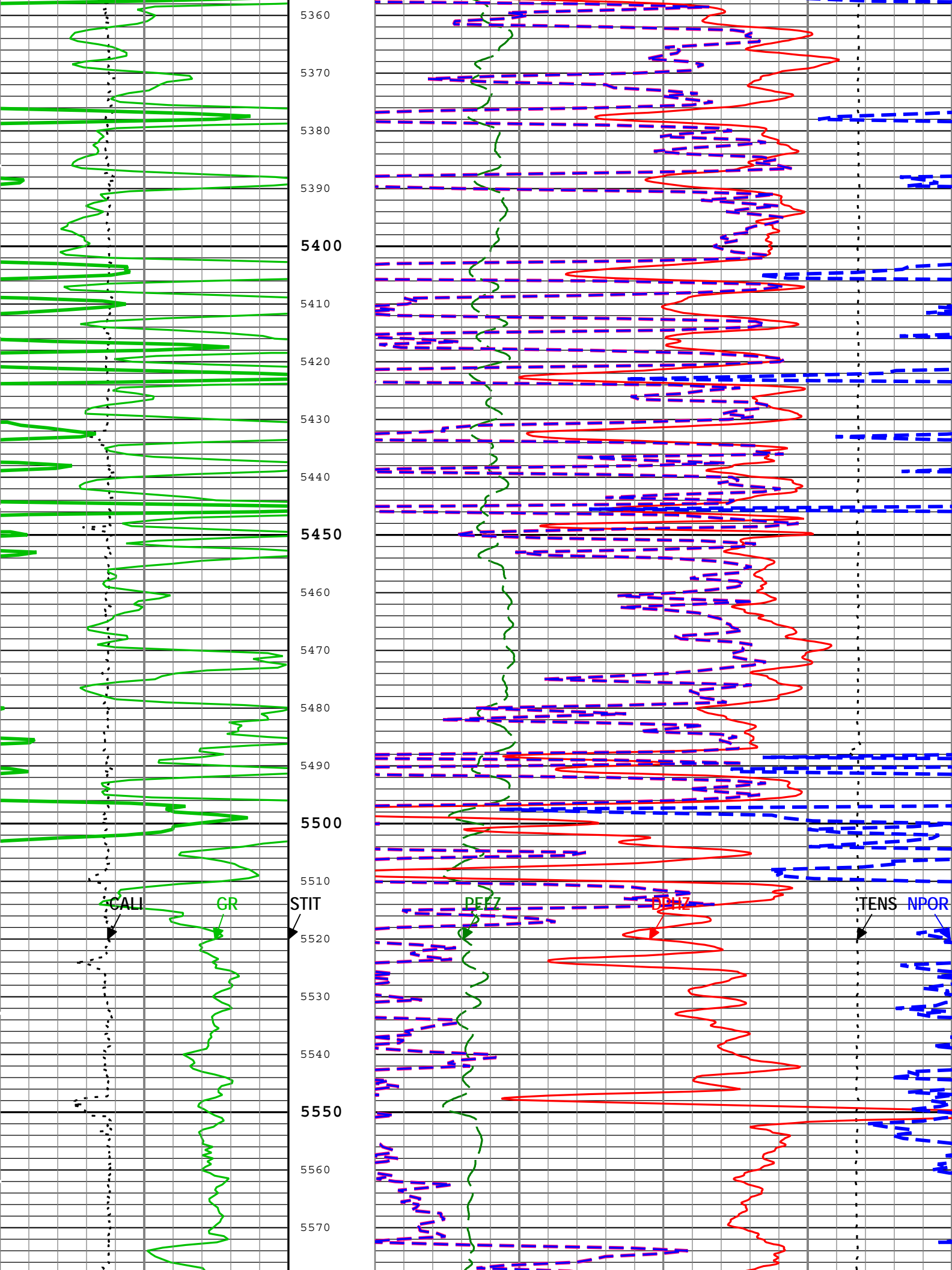
Description: HGNS standard resolution porosities for Platform Express Format: EMD 5in Porosity RA Index Scale: 5 in per 100 ft Index Unit: ft Index

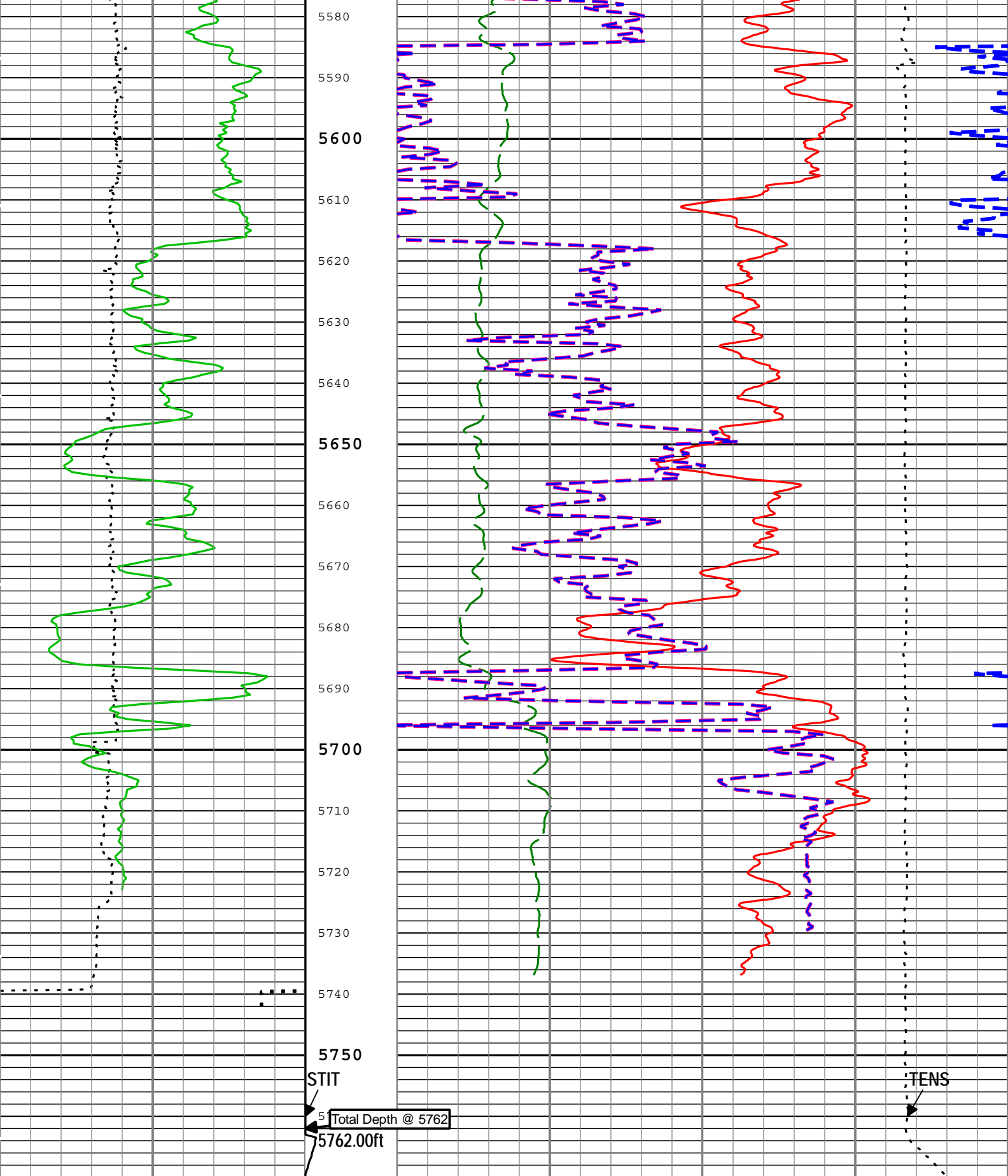
Type: Measured Depth Creation Date: 04-Oct-2013 05:47:44

TIME\_1900 - Time Marked every 60.00 (s)









Main To Repeat		Main To Repeat	
Repeat To Main		Repeat To Main	
Caliper (CALI) HDRS-B		Enhanced Thermal Neutron Porosity in Selected Lithology (NPOR) HGNS-B	
4	in	-0.1	ft3/ft3
14		-0.5	
Stuck Tool Indicator			

Main To Repeat			Main To Repeat		
Repeat To Main			Repeat To Main		
Gamma Ray (GR) HGNS-B			Standard Resolution Density Porosity (DPHZ) HDRS-B		
200	gAPI		400	0.3 ft3/ft3 -0.1	
Main To Repeat			Main To Repeat		
Repeat To Main			Repeat To Main		
Gamma Ray (GR) HGNS-B			Enhanced Thermal Neutron Porosity in Selected Lithology (NPOR) HGNS-B		
0	gAPI		200	0.3 m3/m3 -0.1	

TIME\_1900 - Time Marked every 60.00 (s)

Description: HGNS standard resolution porosities for Platform Express    Format: EMD 5in Porosity RA    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 04-Oct-2013 05:47:44

1									
5" Density									
Software Version									
Acquisition System						Version			
MaxWell						4.0.9126.3000			
Computation		Description						Version	
DepthCorrection		DepthCorrection						4.0.9125.3000	
Tool Elements		Description				Software Version		Firmware Version	
HRGD-B		HILT Resistivity Gamma-Ray Density Device, 125 degC				4.0.9033.3000		3.0	
HGNS-B		HILT Gamma-Ray and Neutron Sonde, 125 degC				4.0.9033.3000		2.0	
HRCC-B		HILT High-Resolution Control Cartridge, 125 degC				4.0.9033.3000		2.0	
Pass Summary									
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
1	Log[5]:Up	Up	76.65 ft	5781.03 ft	04-Oct-2013 3:31:08 AM	04-Oct-2013 5:46:50 AM	ON	0.00 ft	No
All depths are referenced to toolstring zero									
Log					Company:Vecta Oil & Gas LTD			Well:Snowmass 32-32	
1: Log[5]:Up:S011									

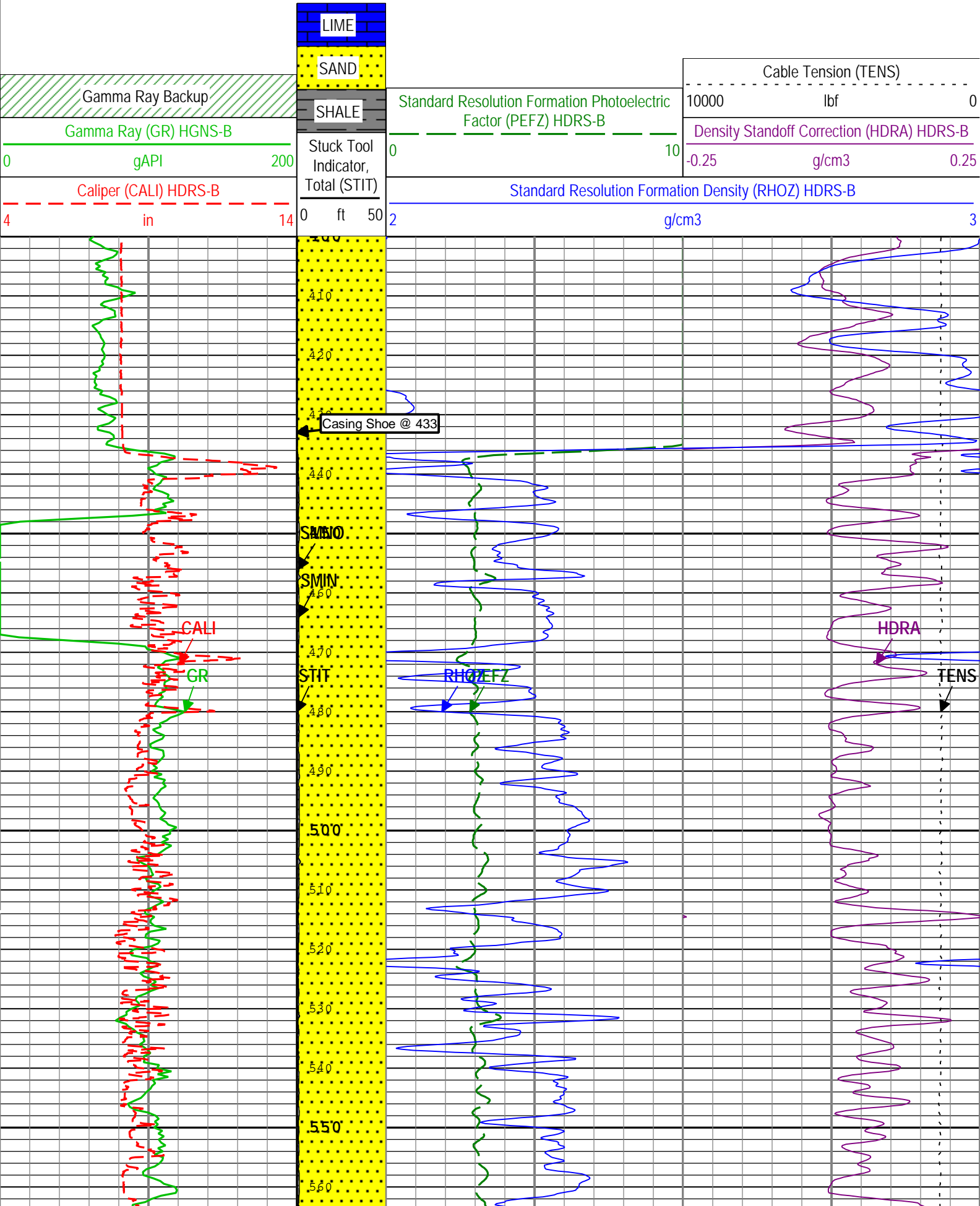
Log	Company:Vecta Oil & Gas LTD      Well:Snowmass 32-32 1: Log[5]:Up:S011
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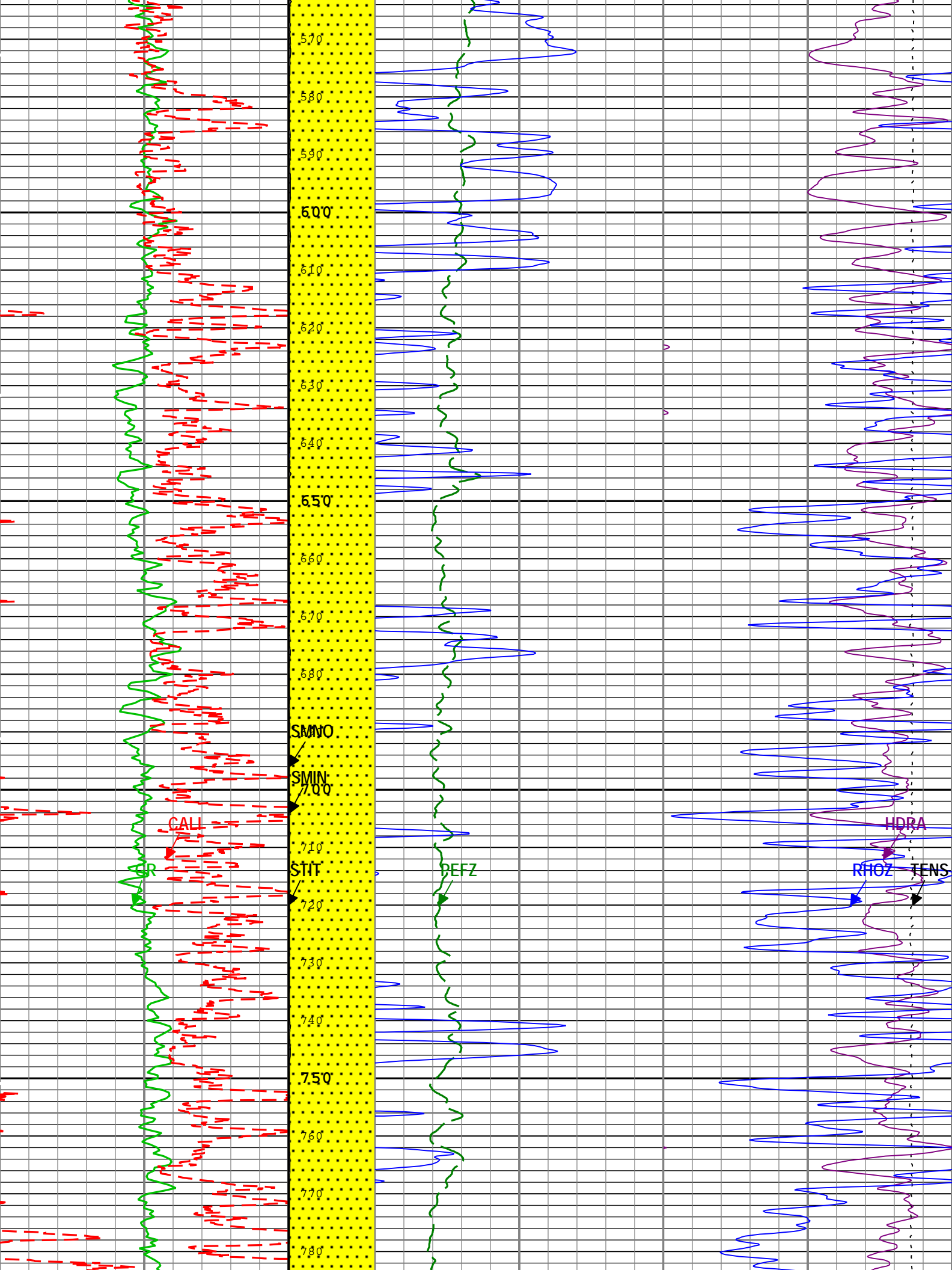
Description: HGNS standard resolution porosities for Platform Express    Format: Log ( EMD 5in Density )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 04-Oct-2013 05:47:46

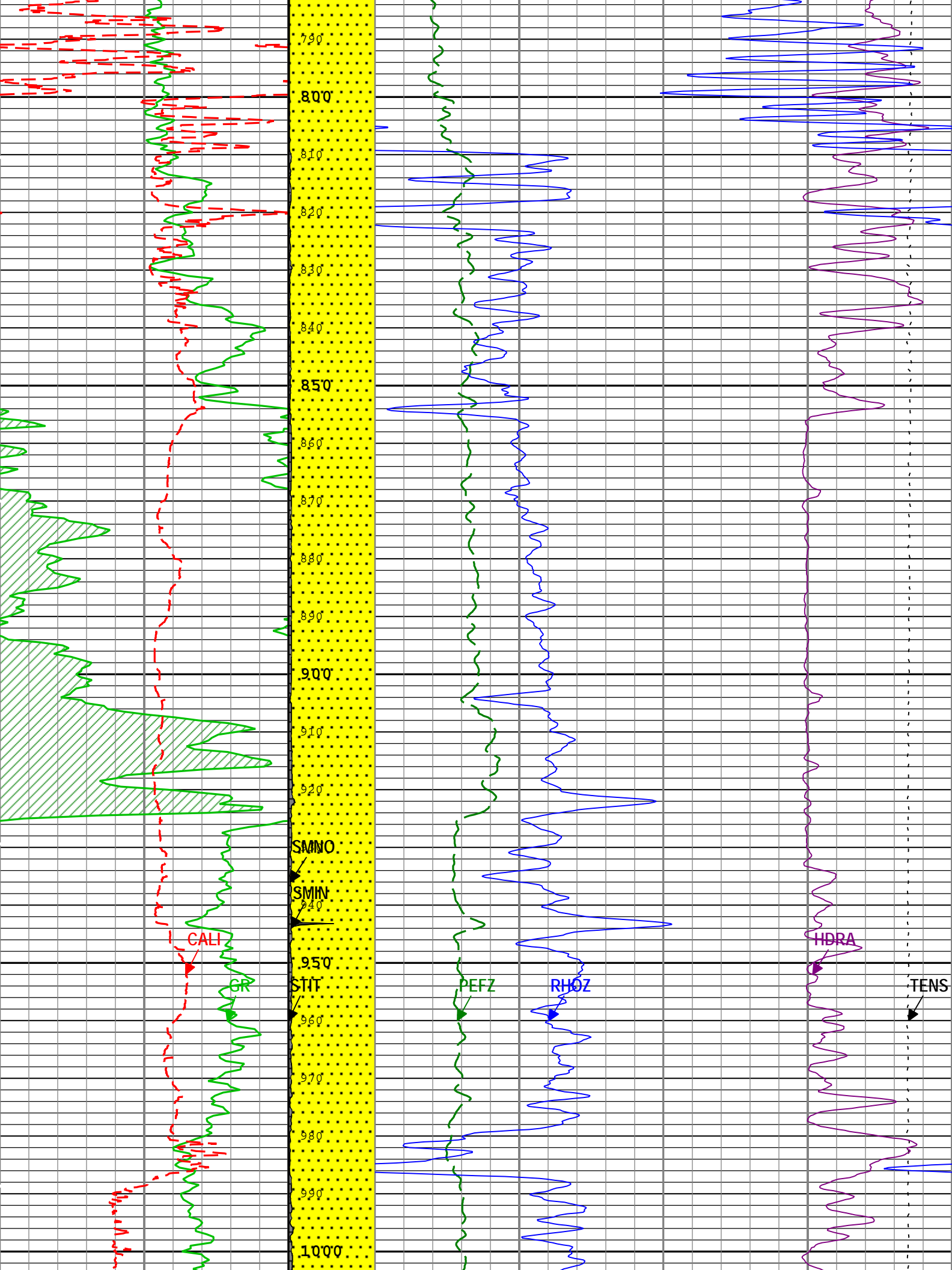
Channel	Source	Sampling
CALI	HDRS-B:HRCC-B:HRCC-B	1in
GR	HGNS-B:HGNS-B:HGNS-B	6in
HDRA	HDRS-B:HRMS-B:HRGD-B	2in
PEFZ	HDRS-B:HRMS-B:HRGD-B	2in
RHOZ	HDRS-B:HRMS-B:HRGD-B	2in
SMIN	HDRS-B:HRMS-B:HRGD-B	2in
SMNO	HDRS-B:HRMS-B:HRGD-B	2in
STIT	Depth Correction	0

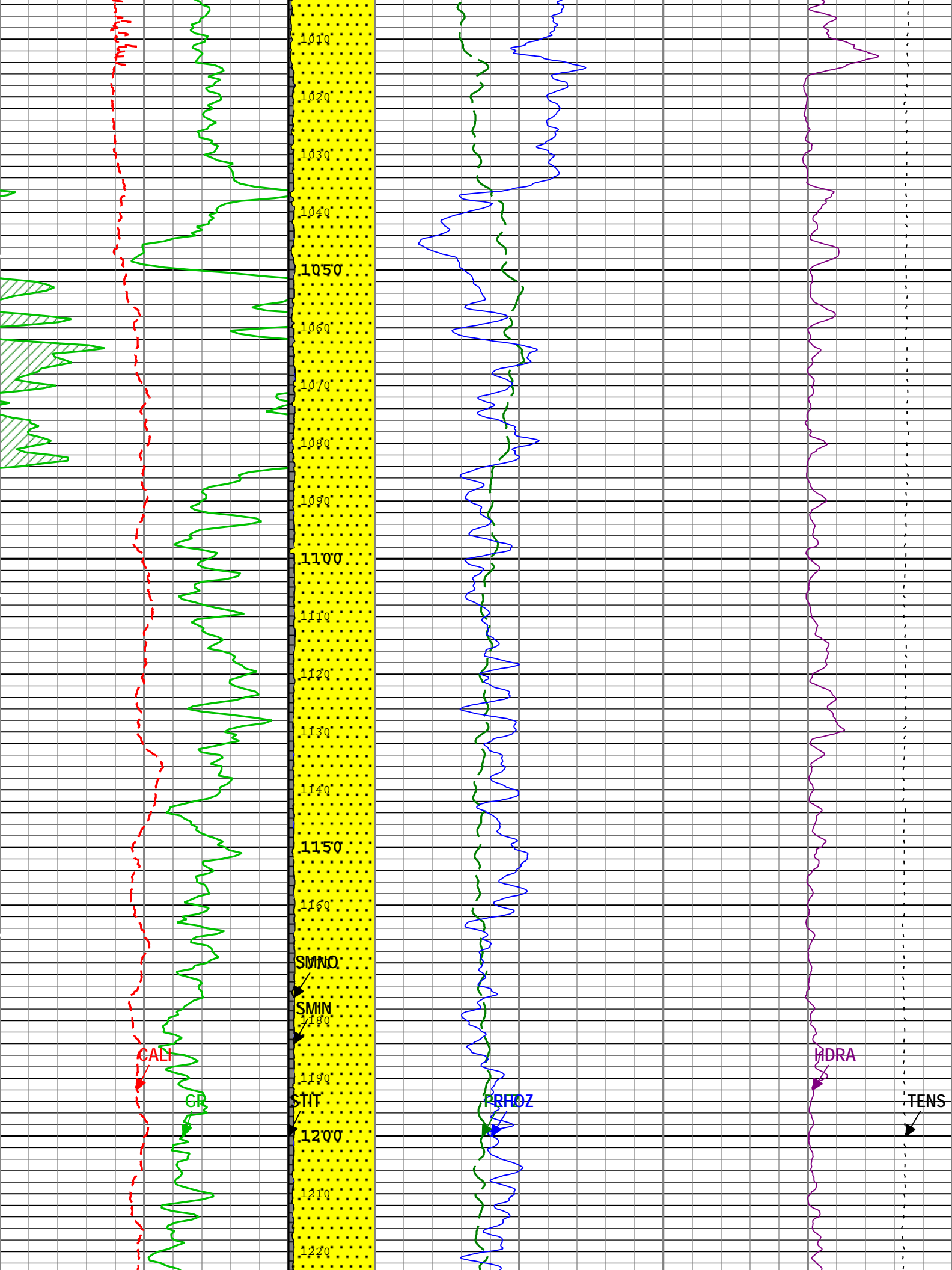
STIT DepthCorrection 6in  
TENS WLWorkflow 6in  
TIME\_1900 WLWorkflow 0.1in

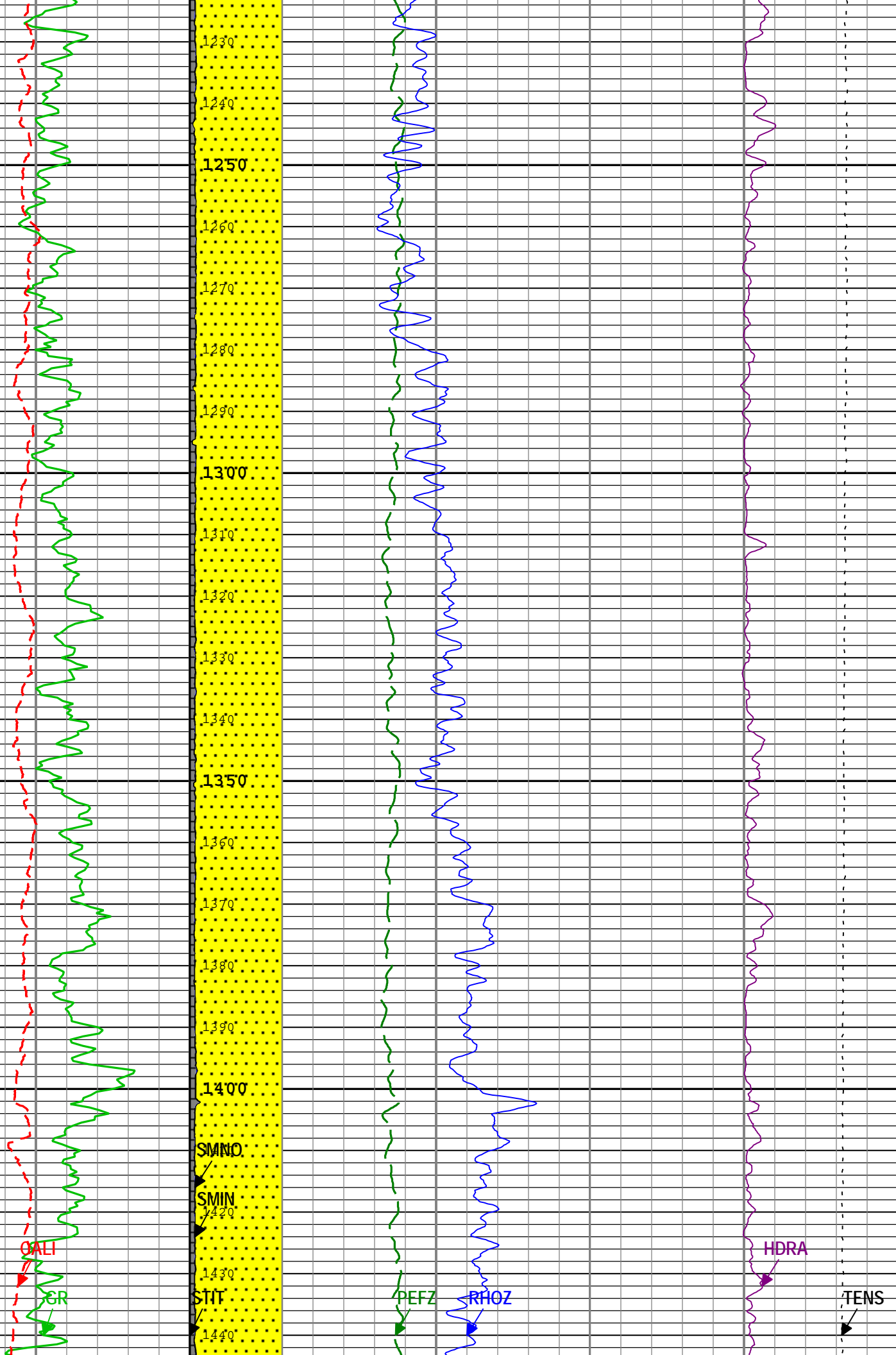
TIME\_1900 - Time Marked every 60.00 (s)



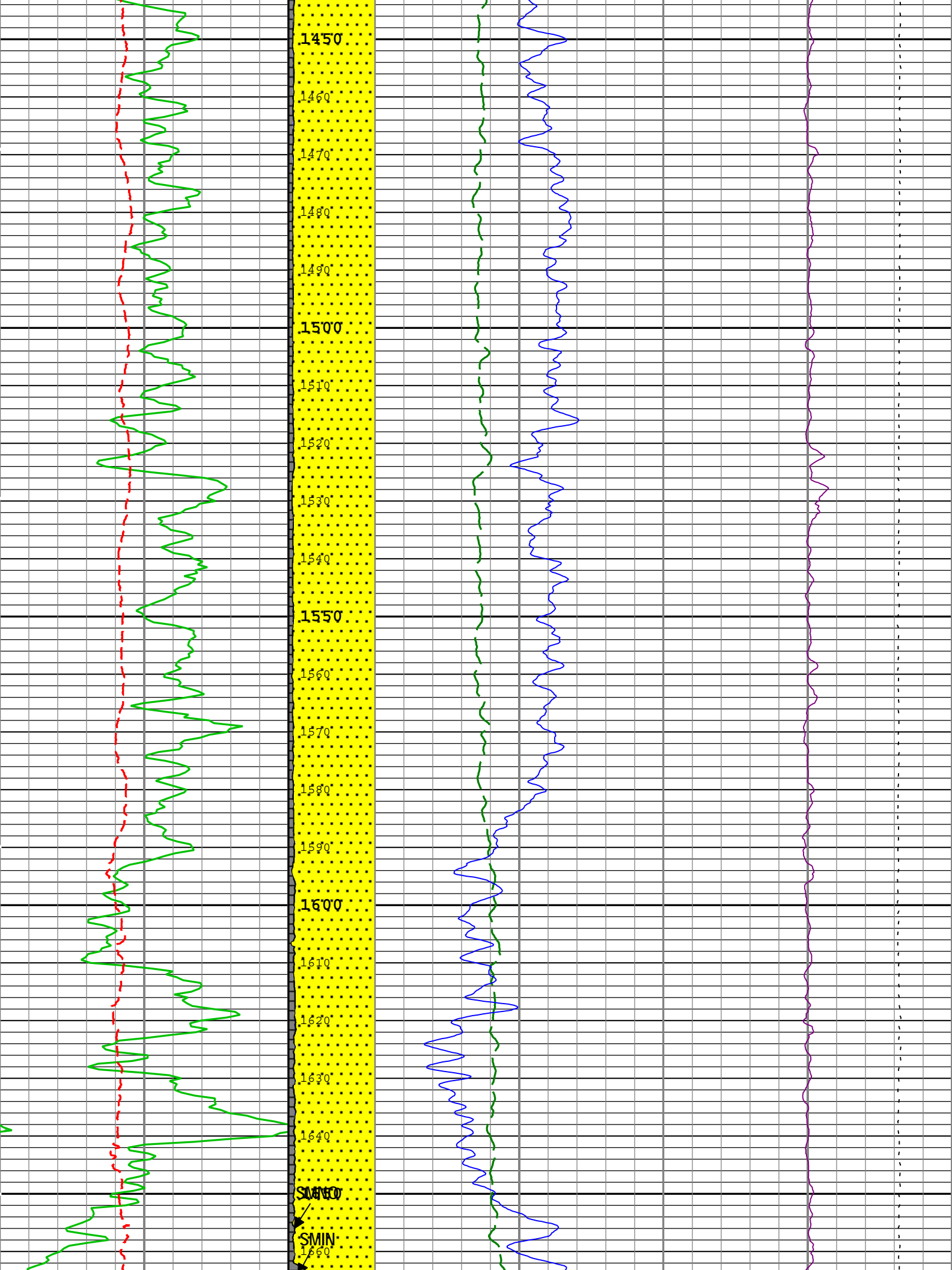


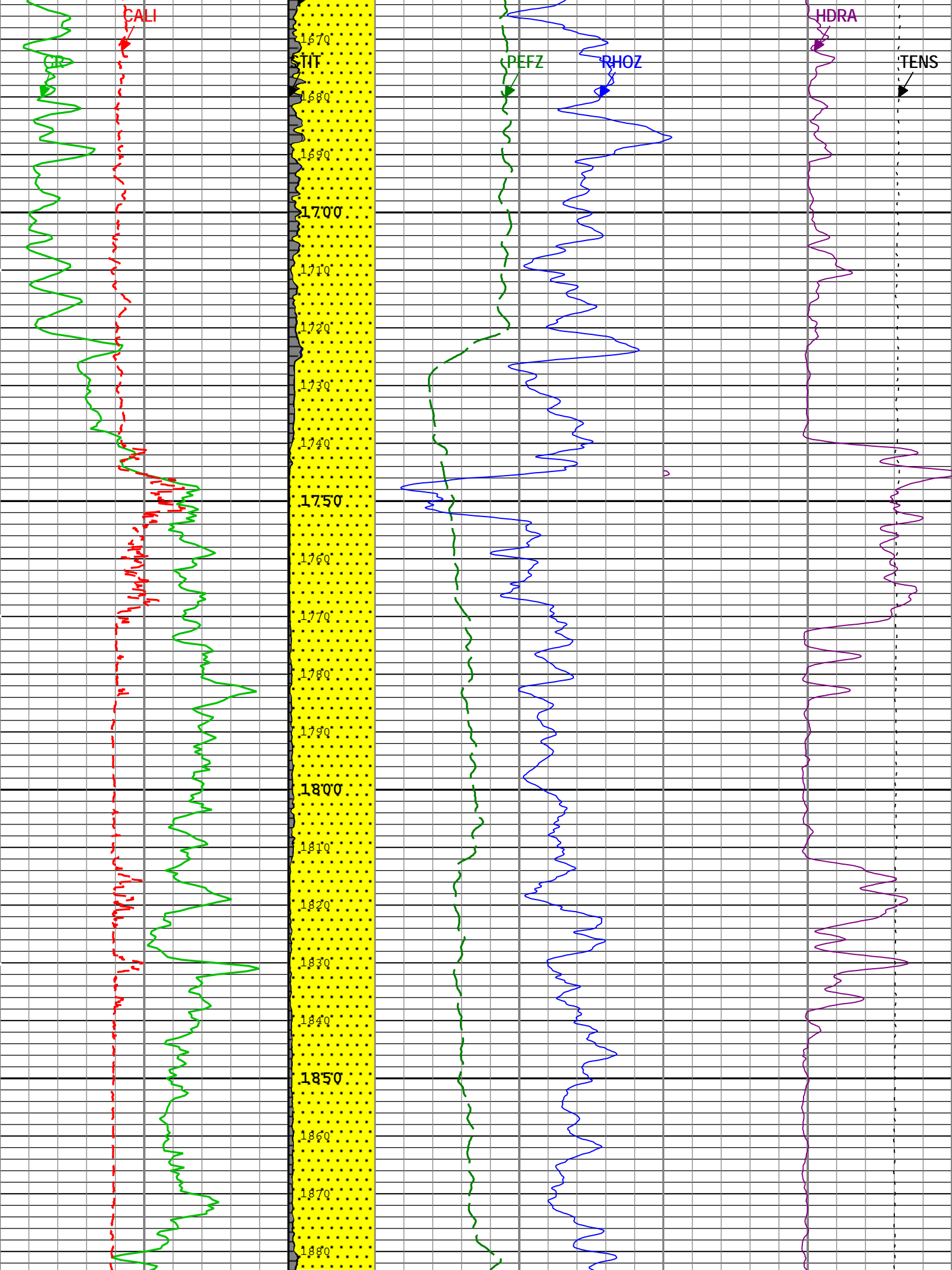


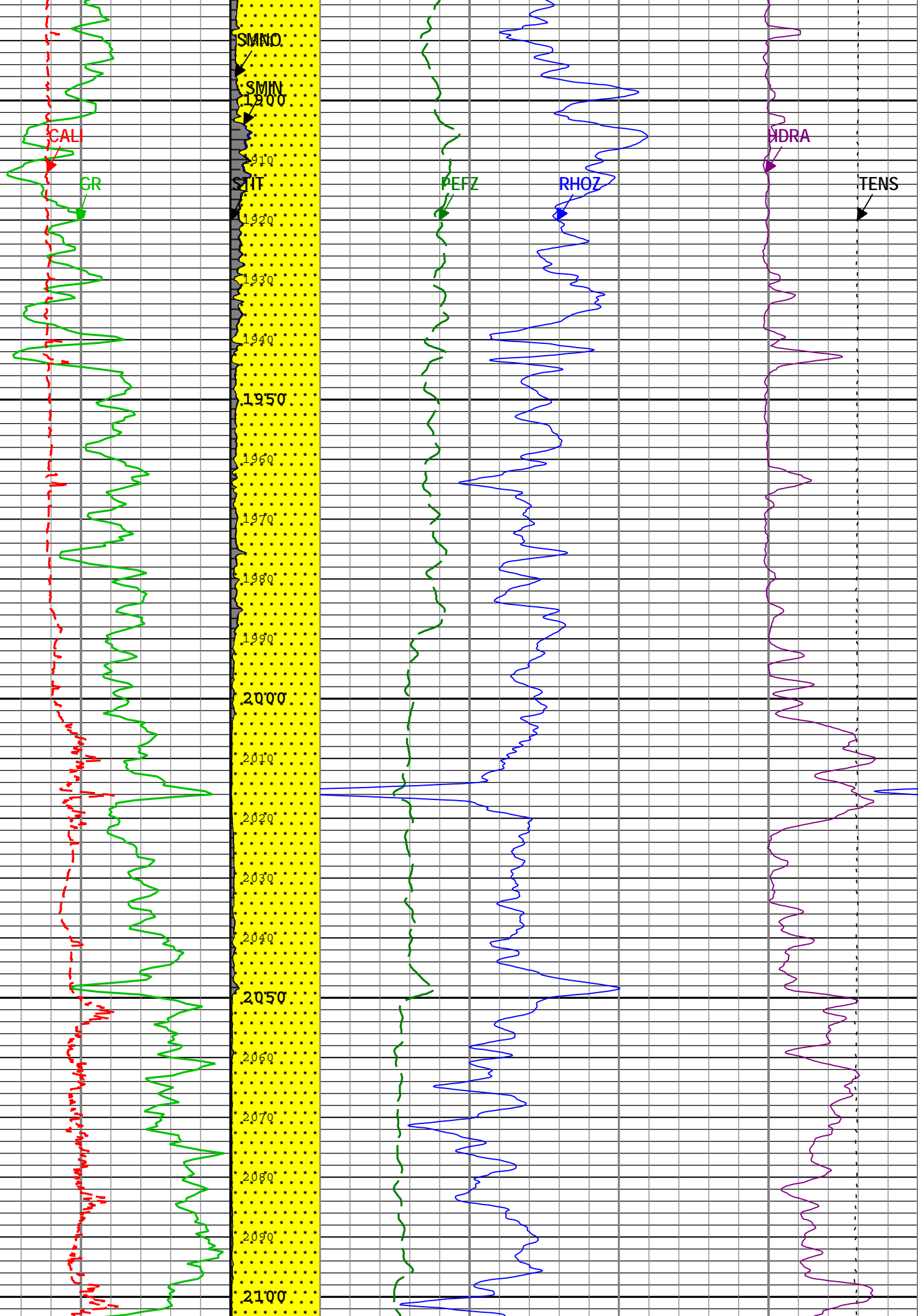


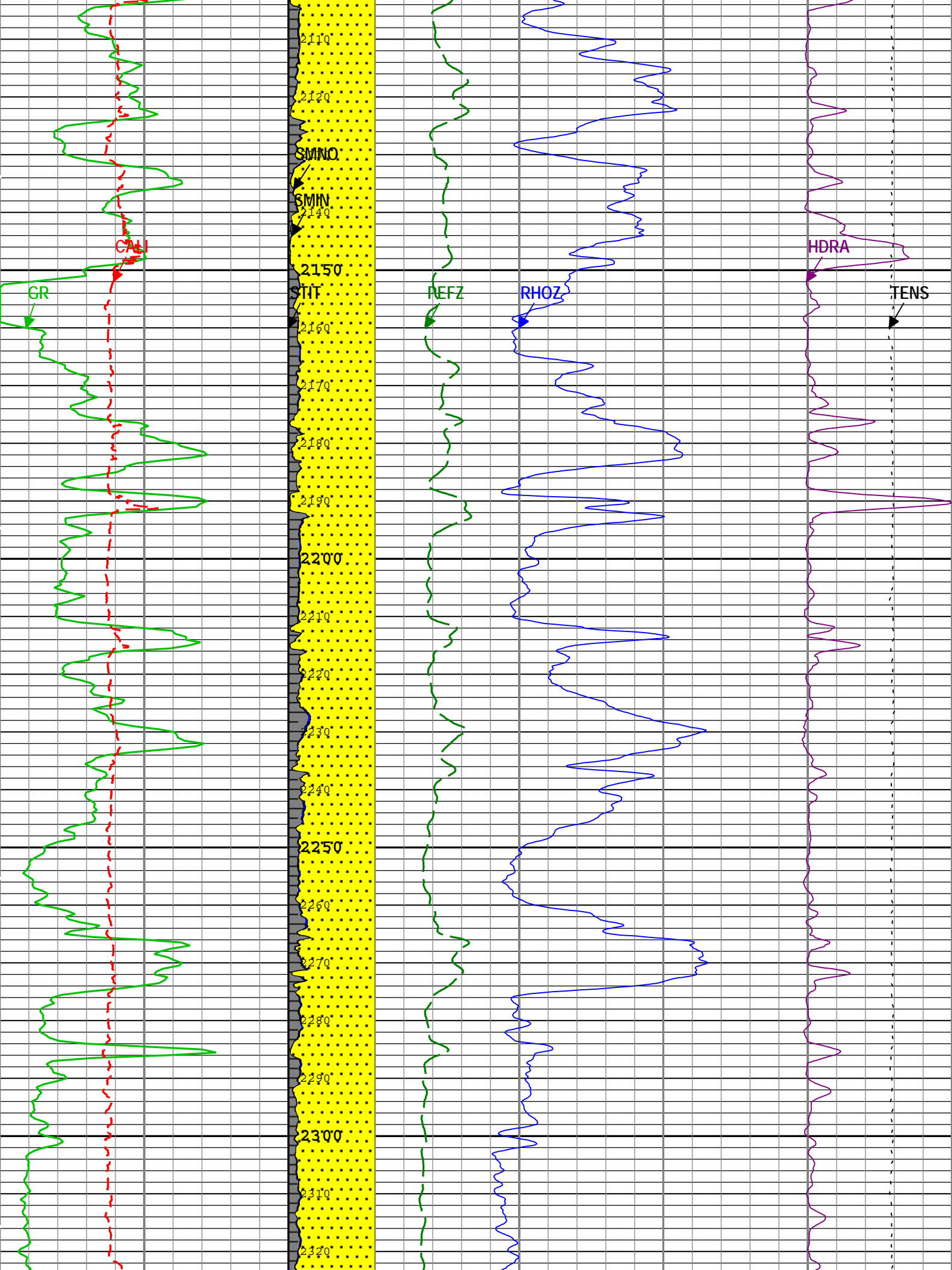


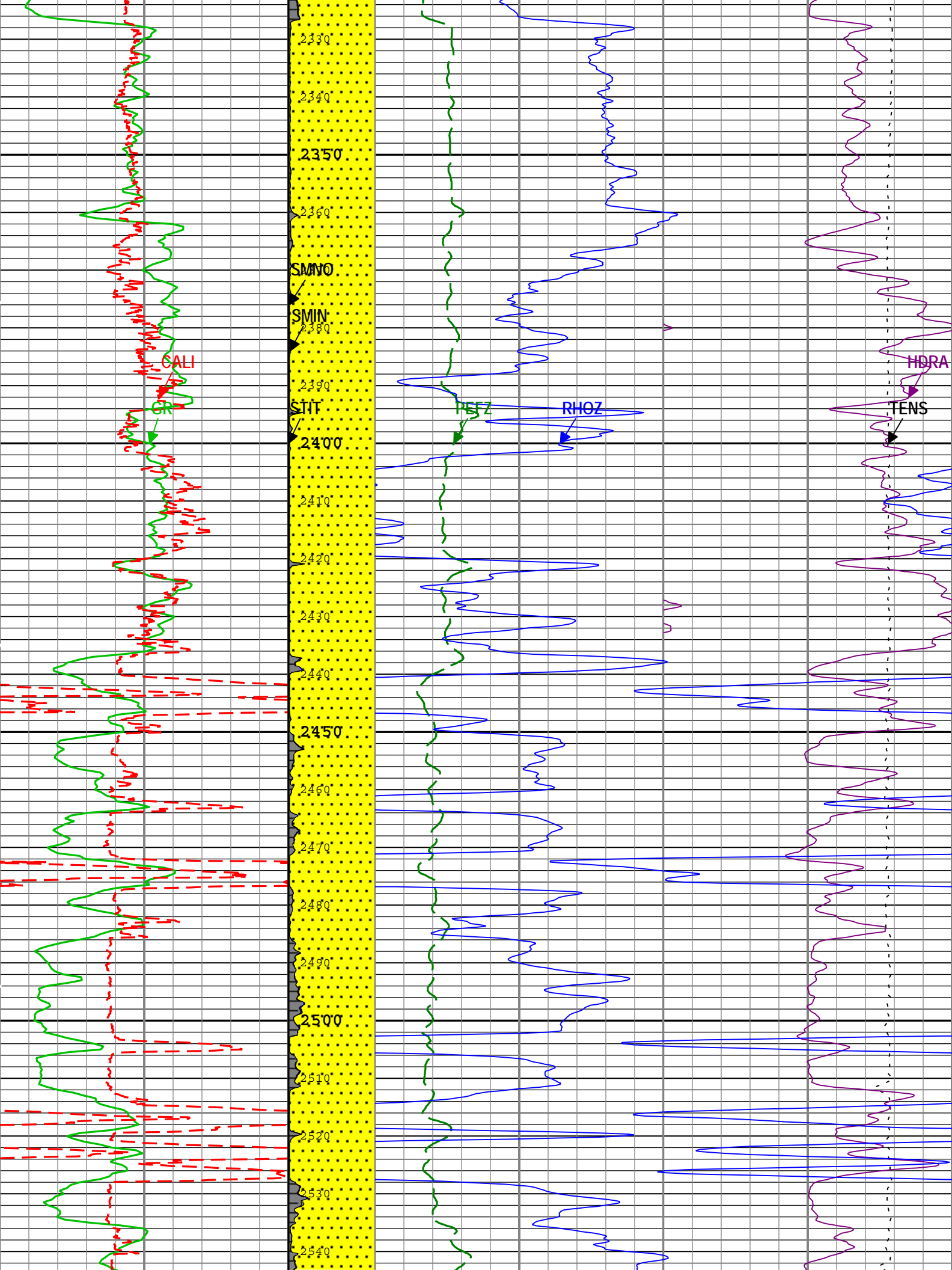


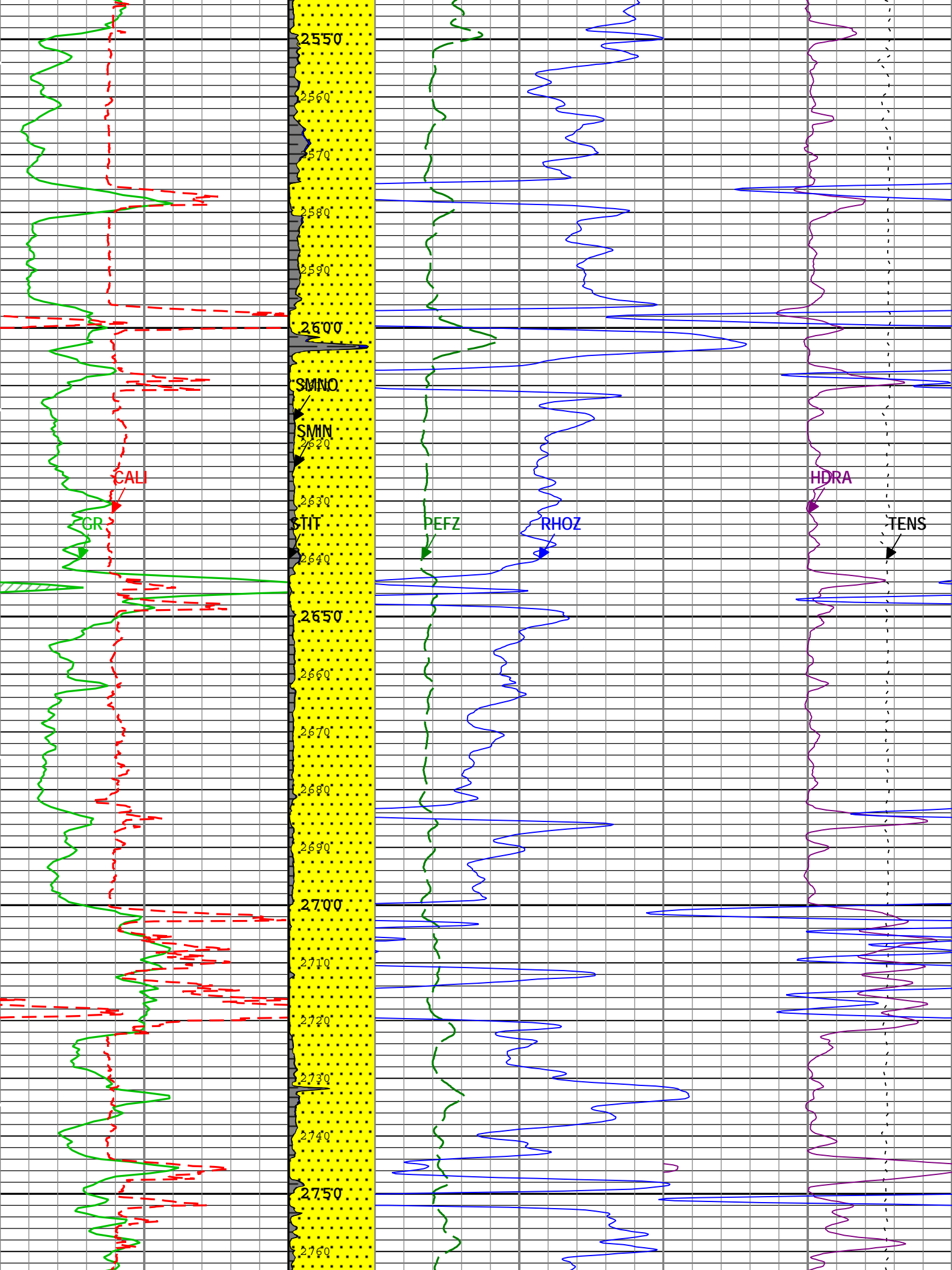


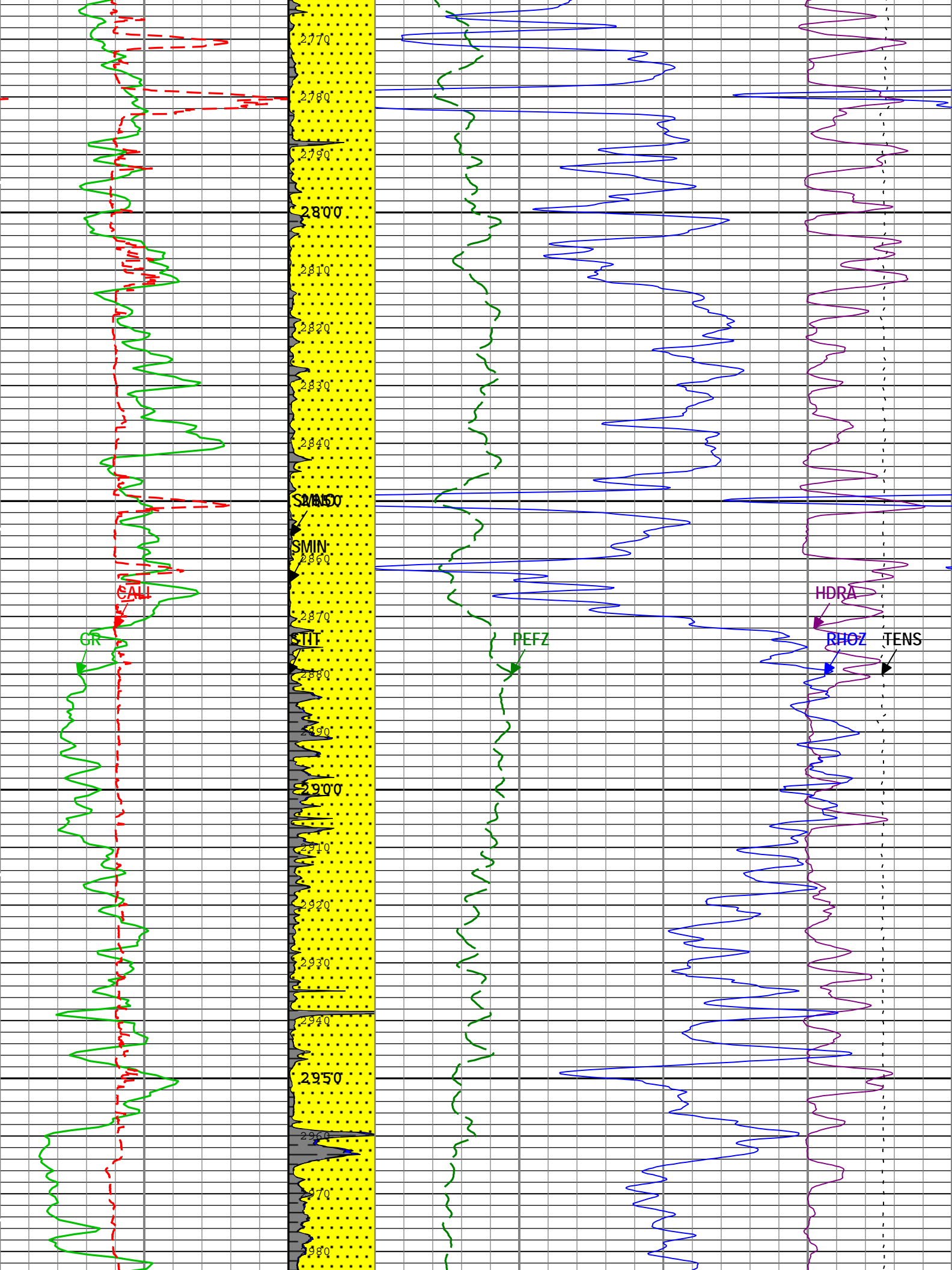


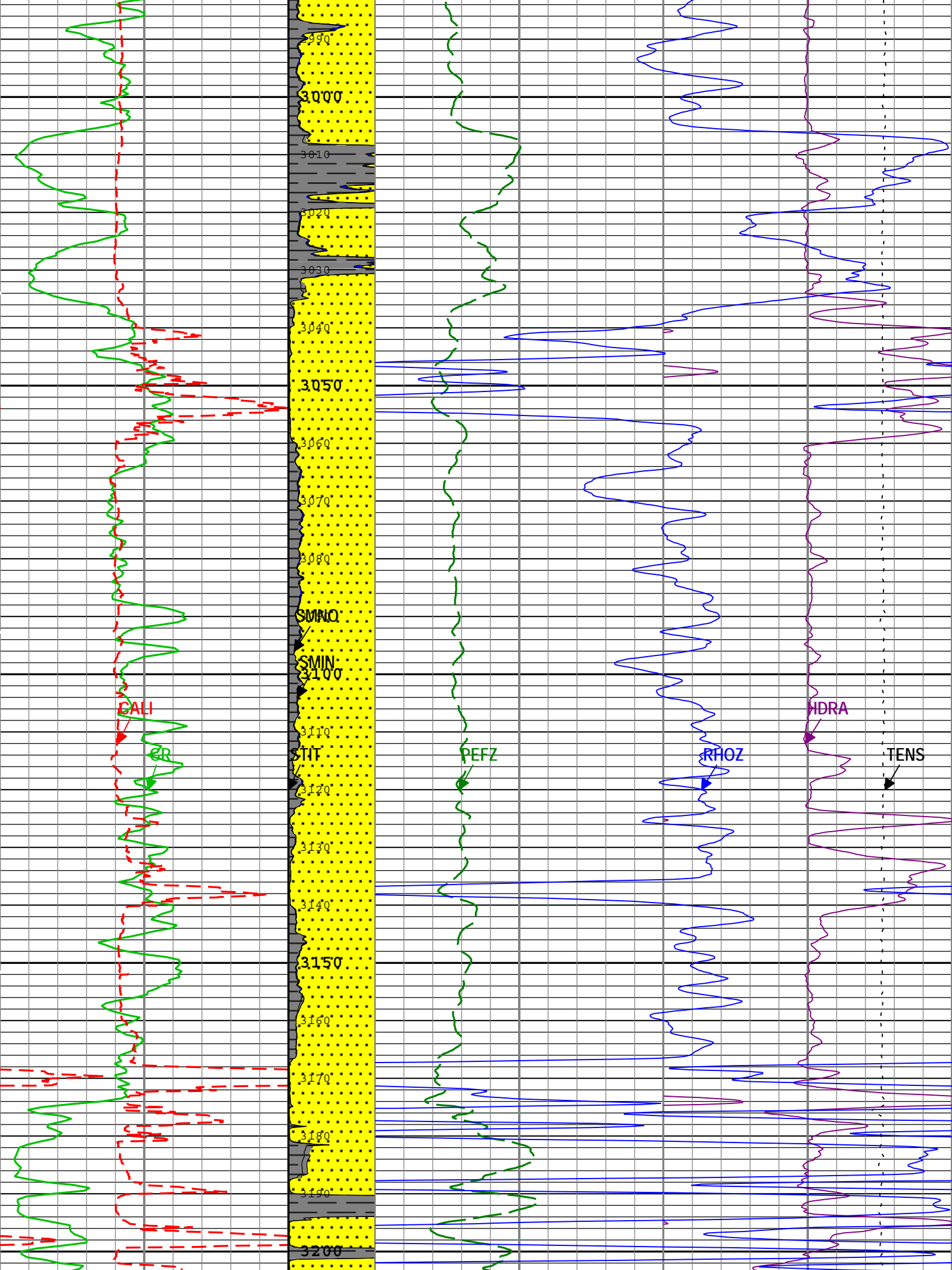




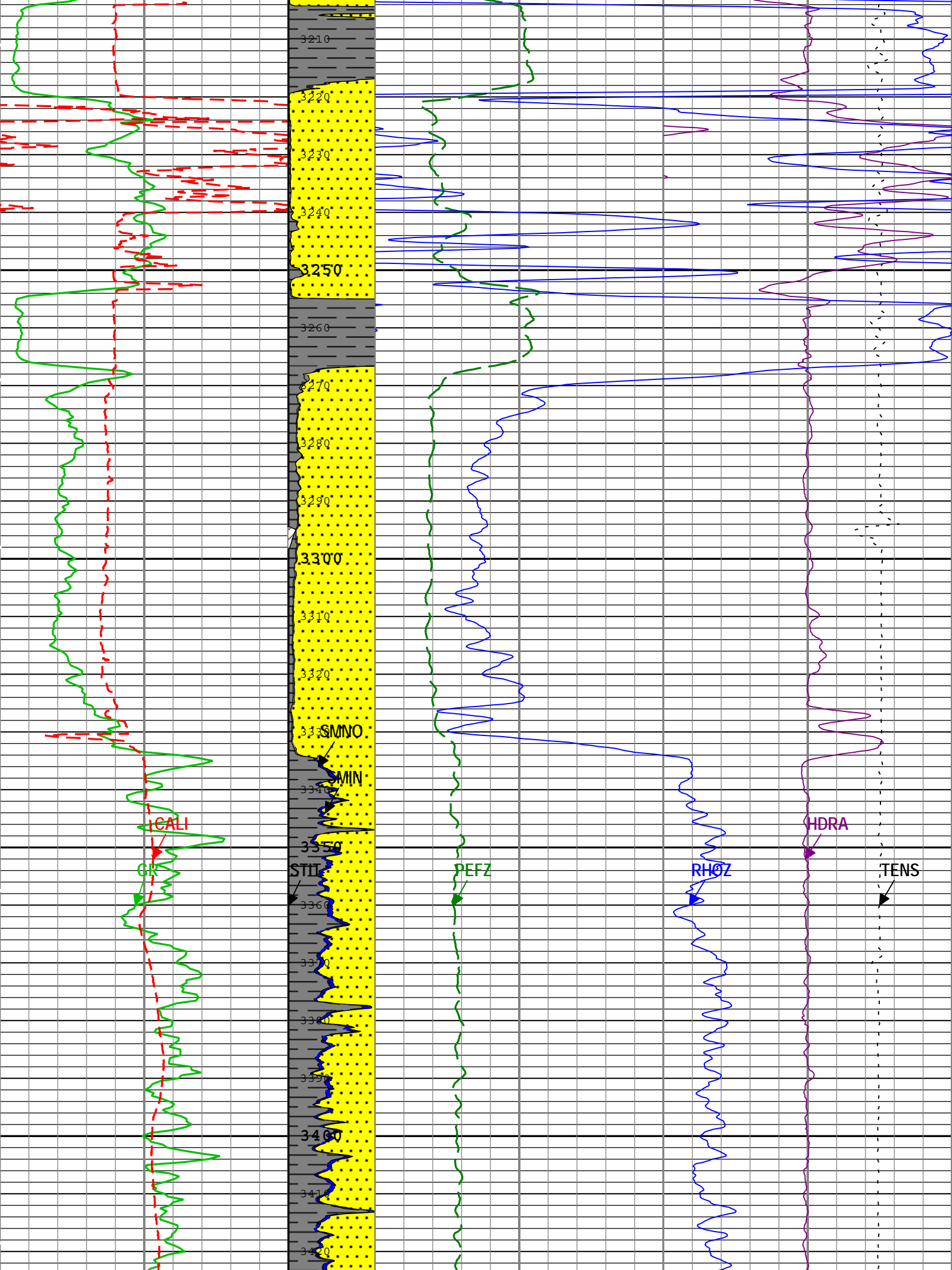


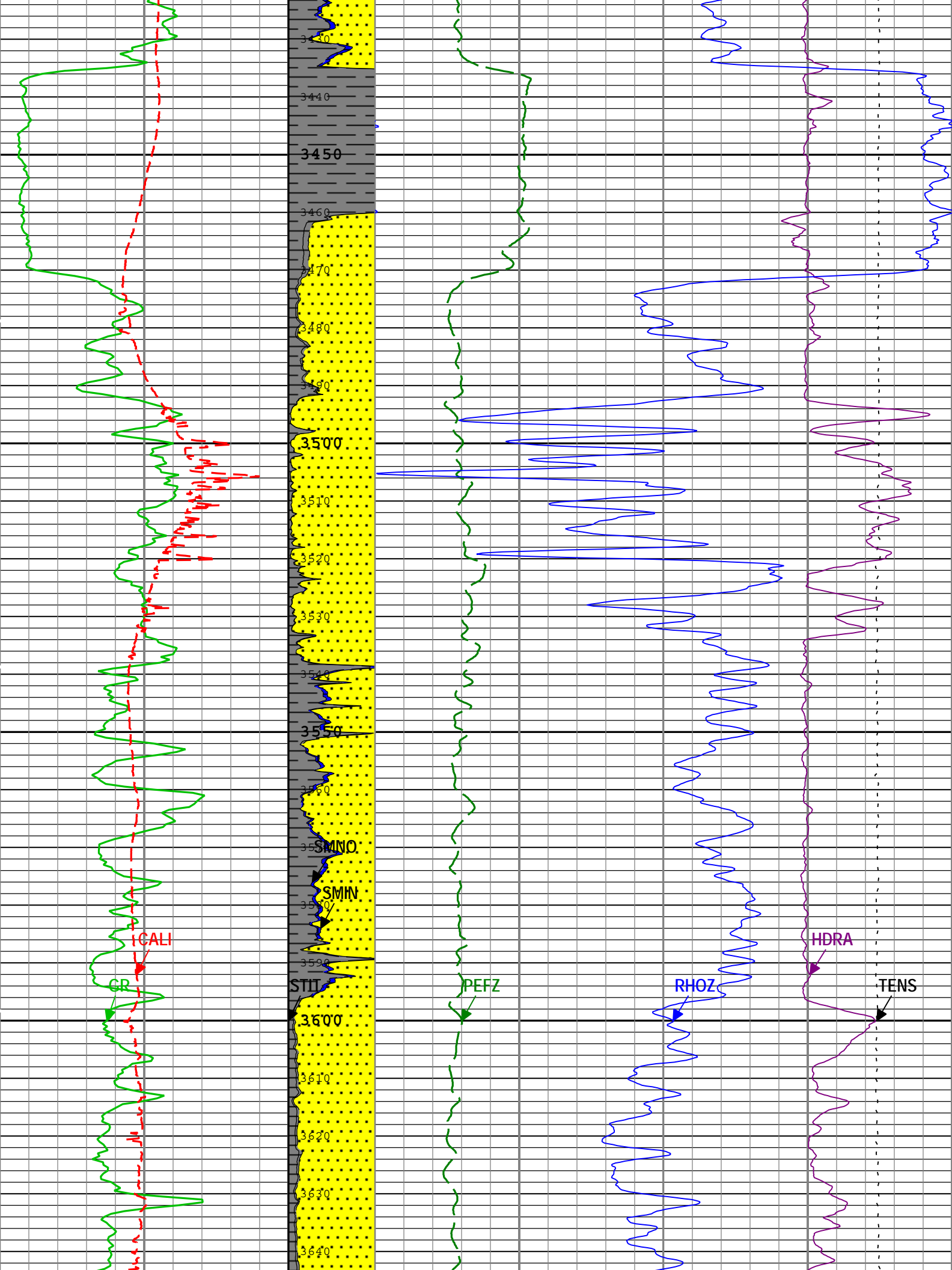


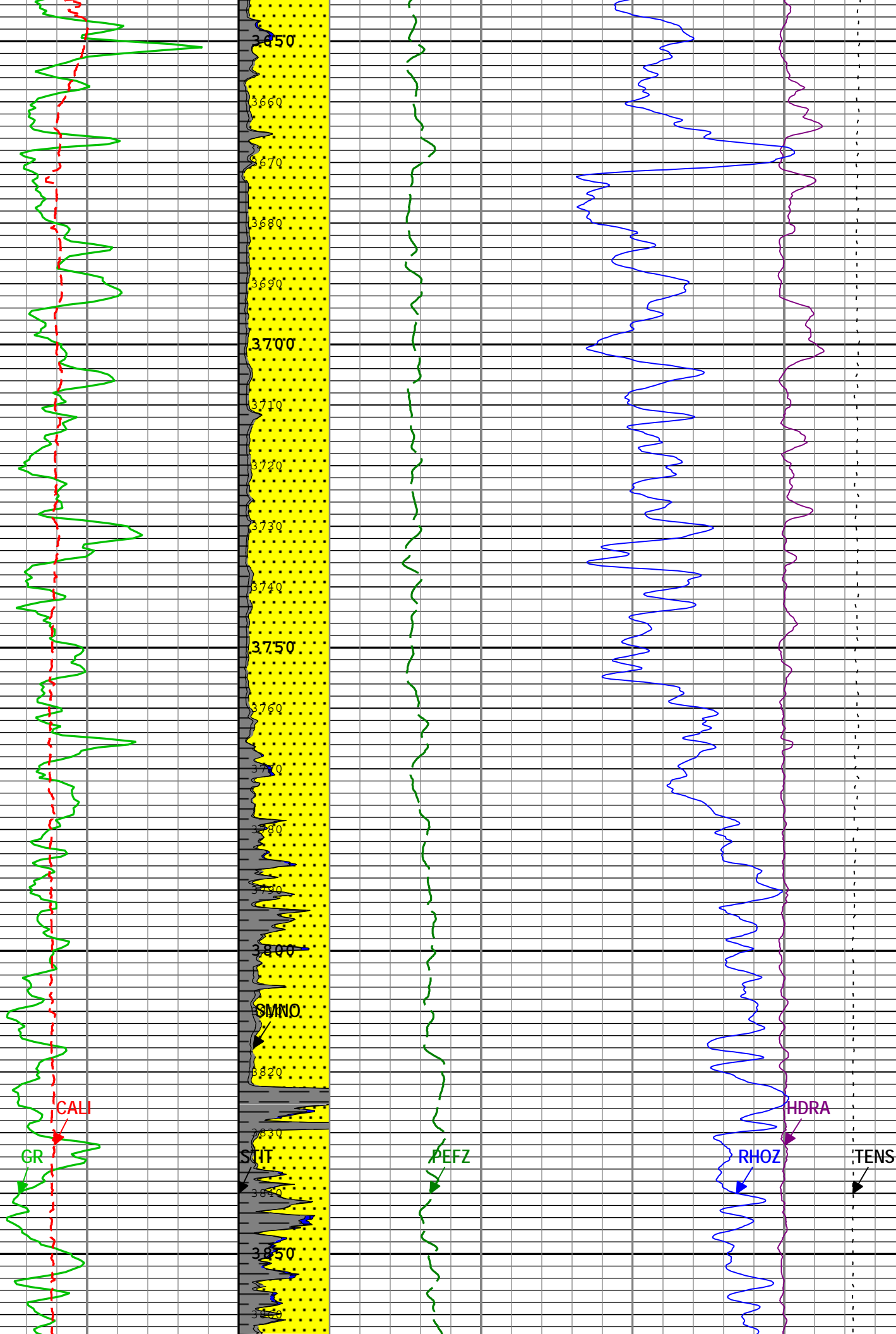


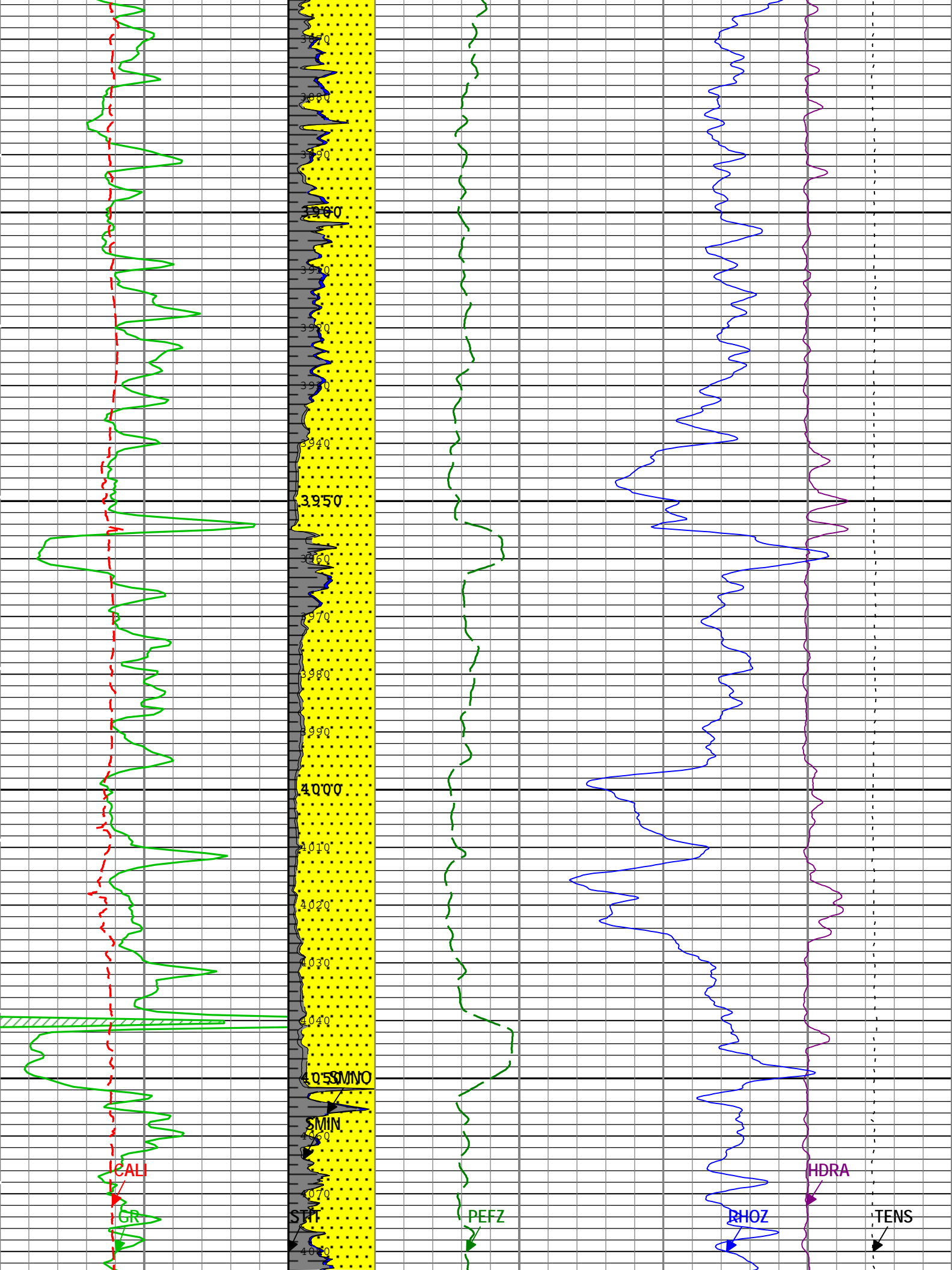


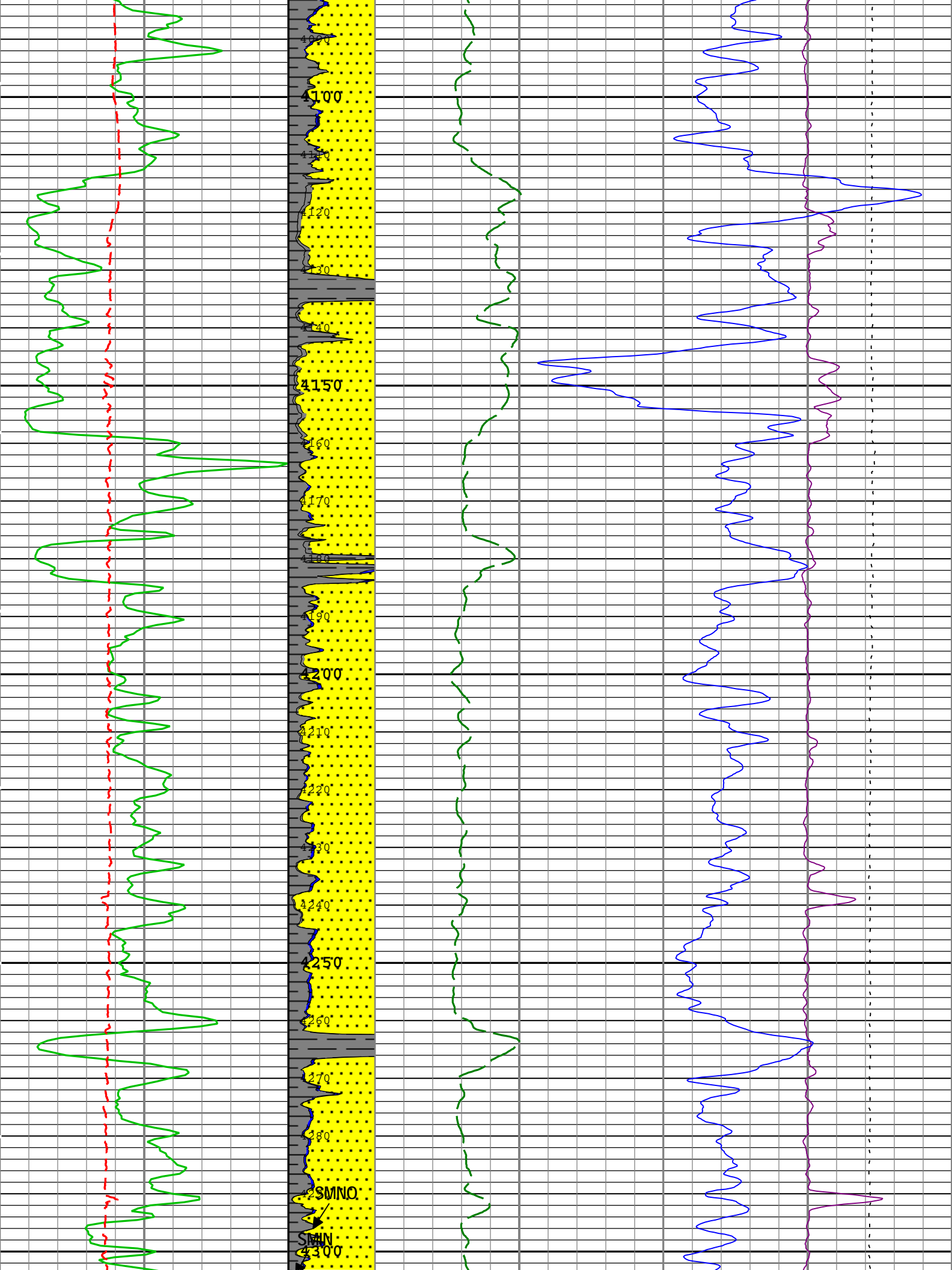


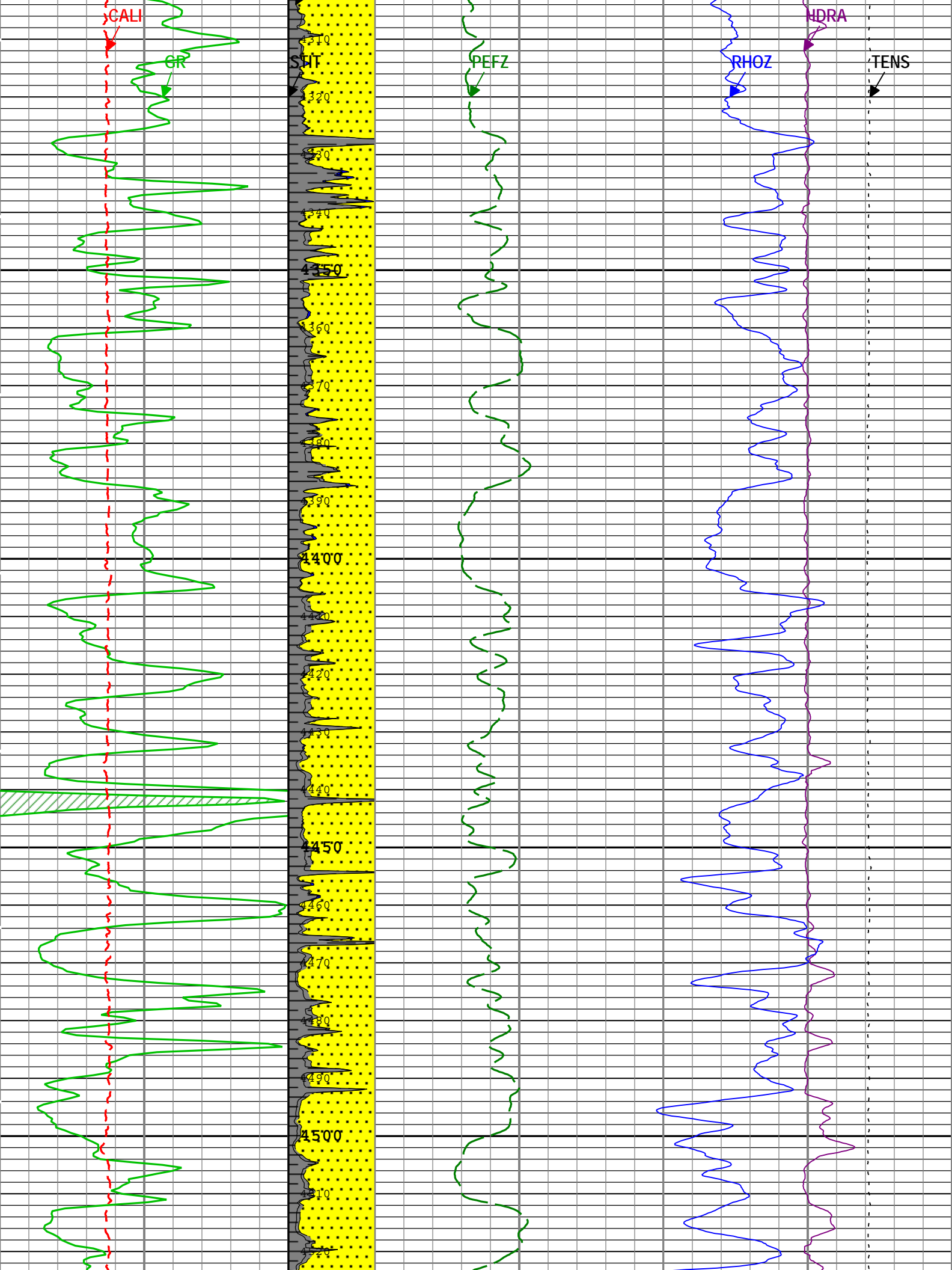


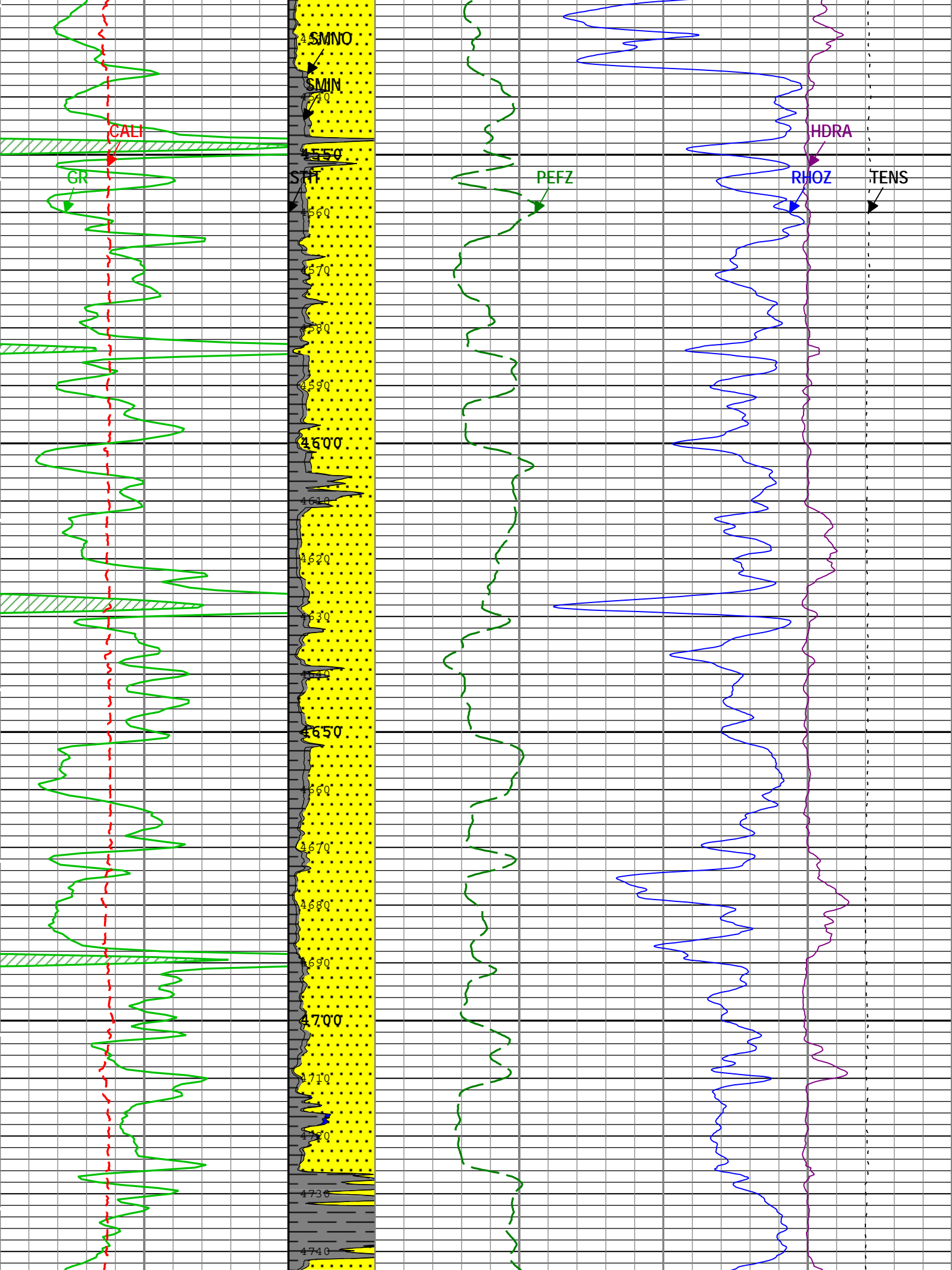


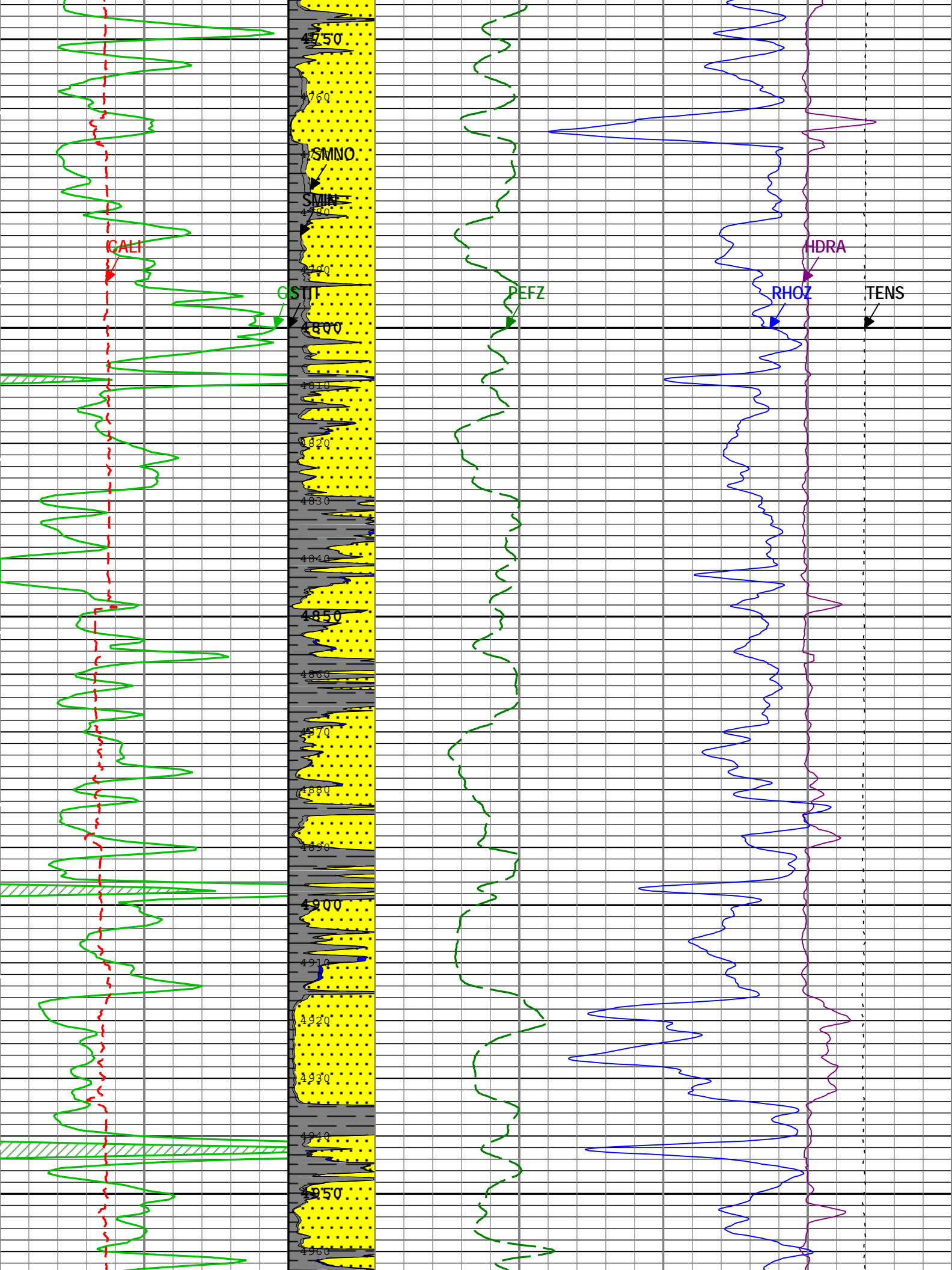




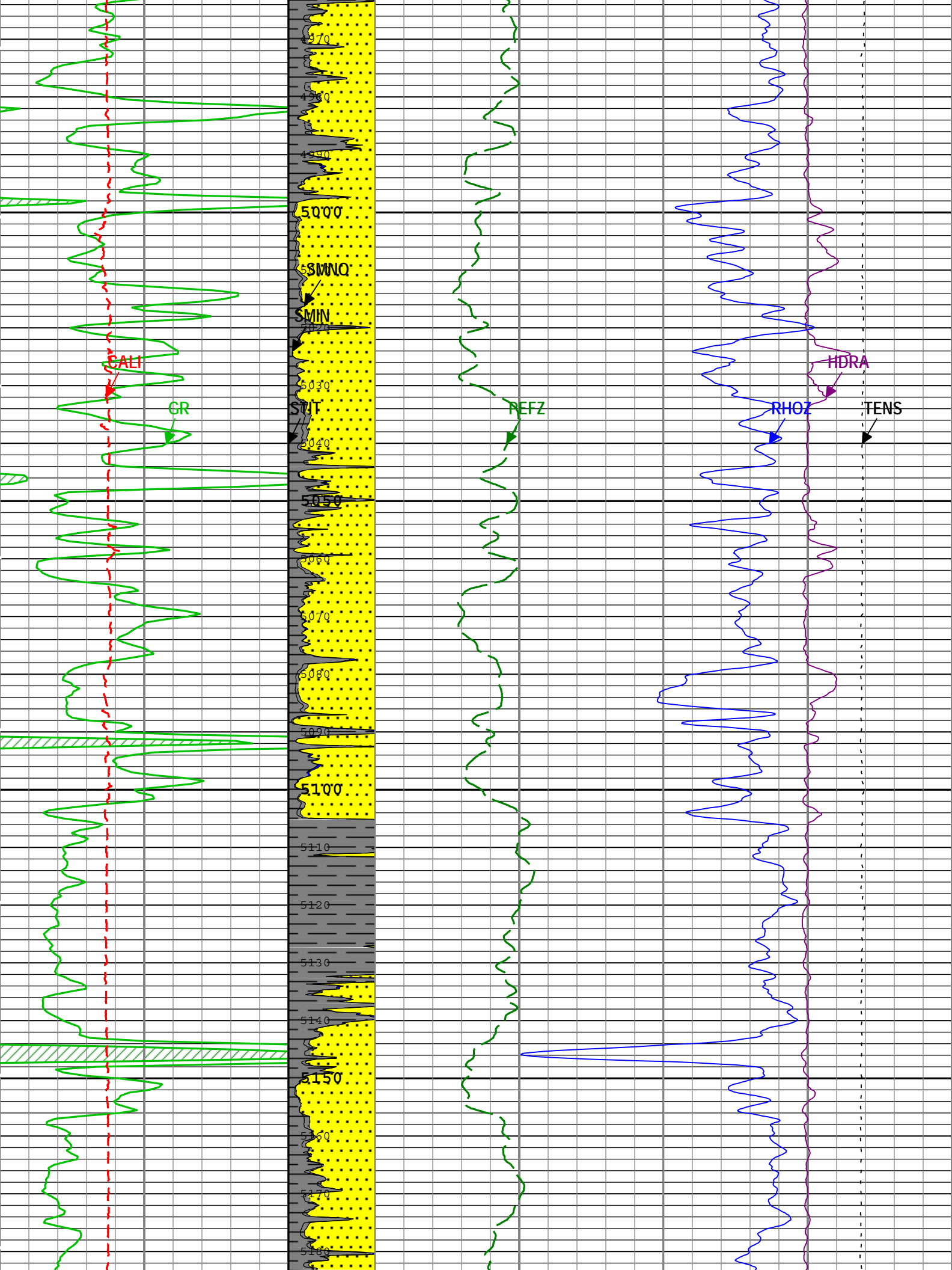


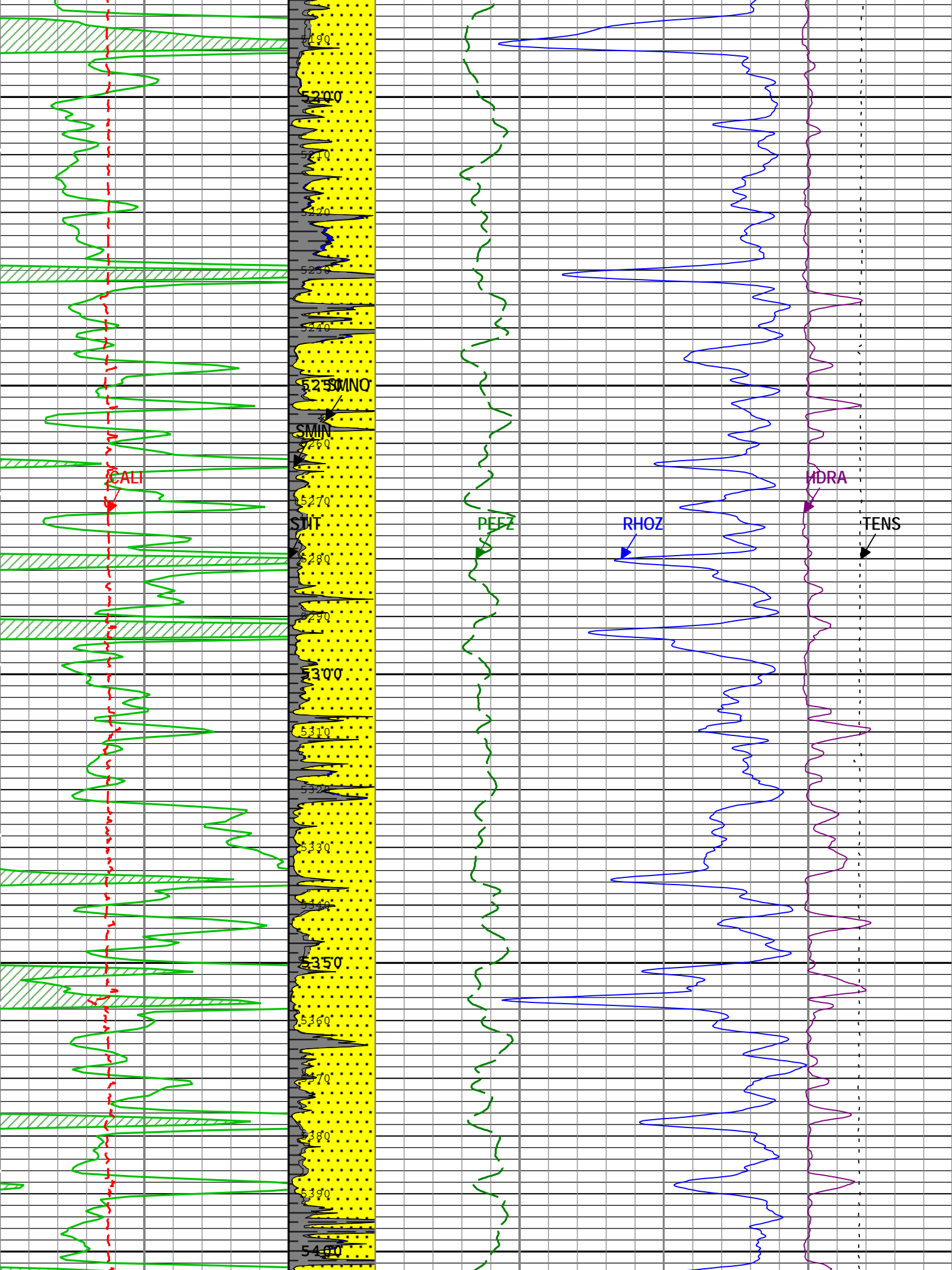


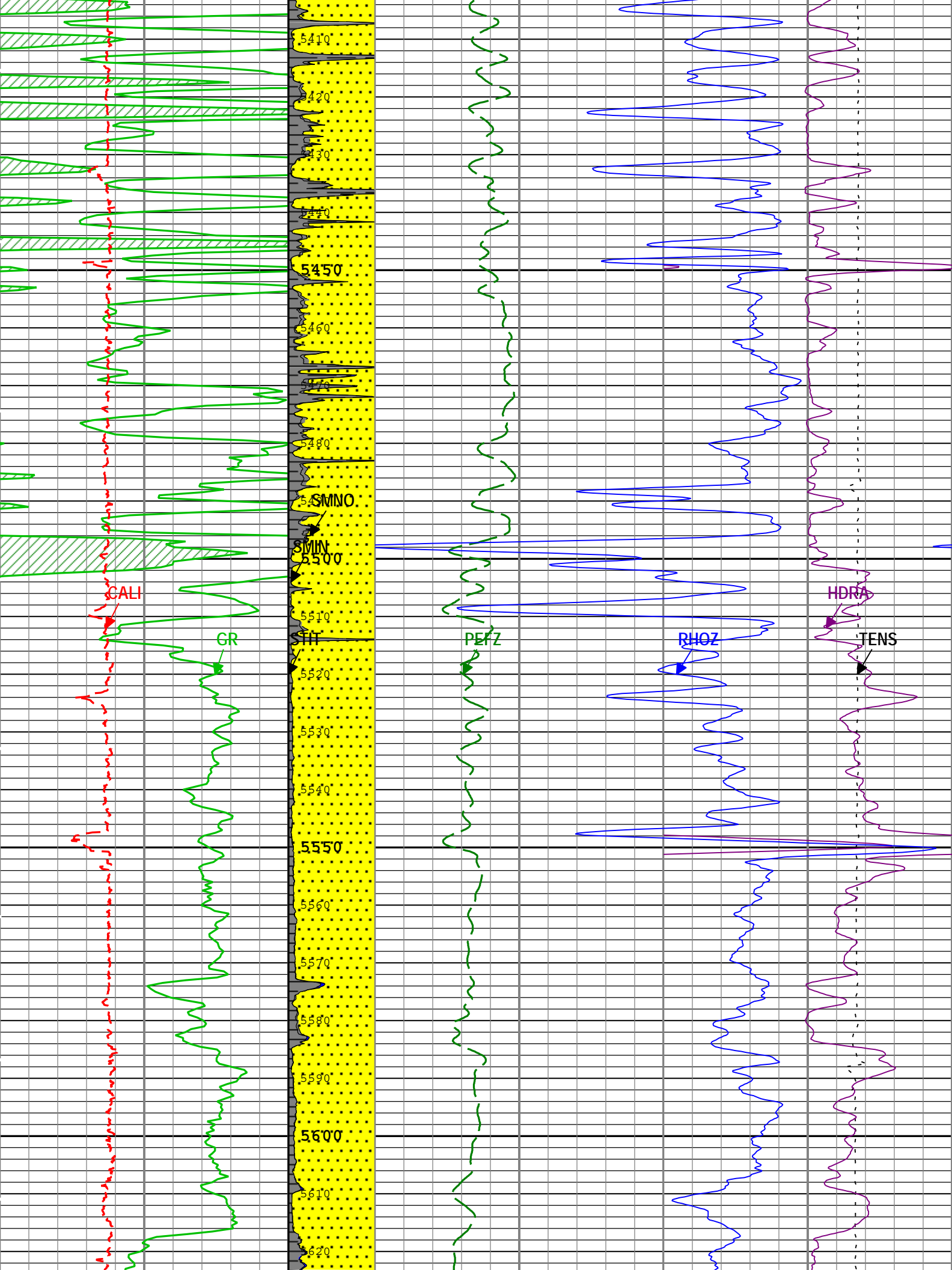


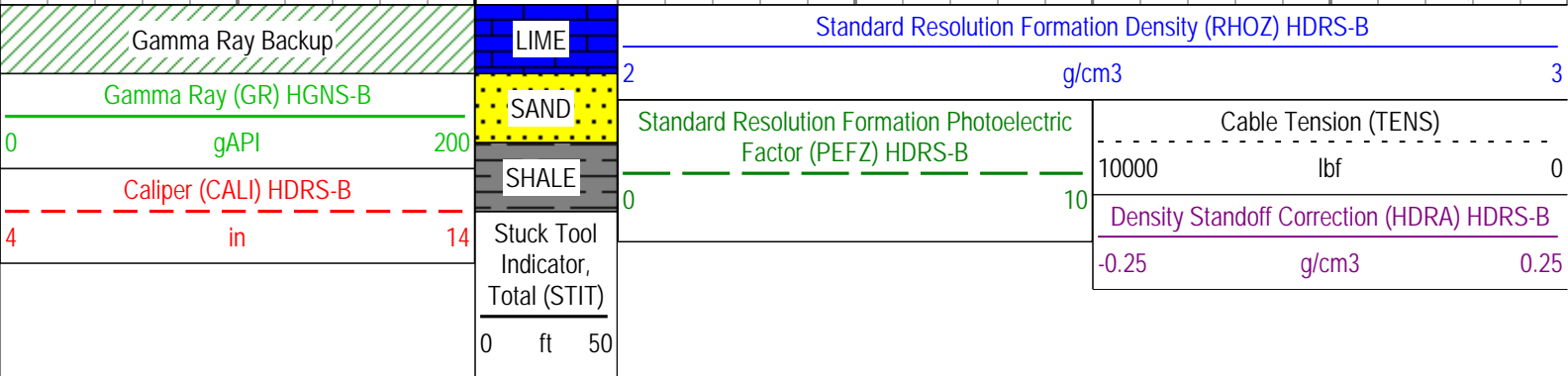
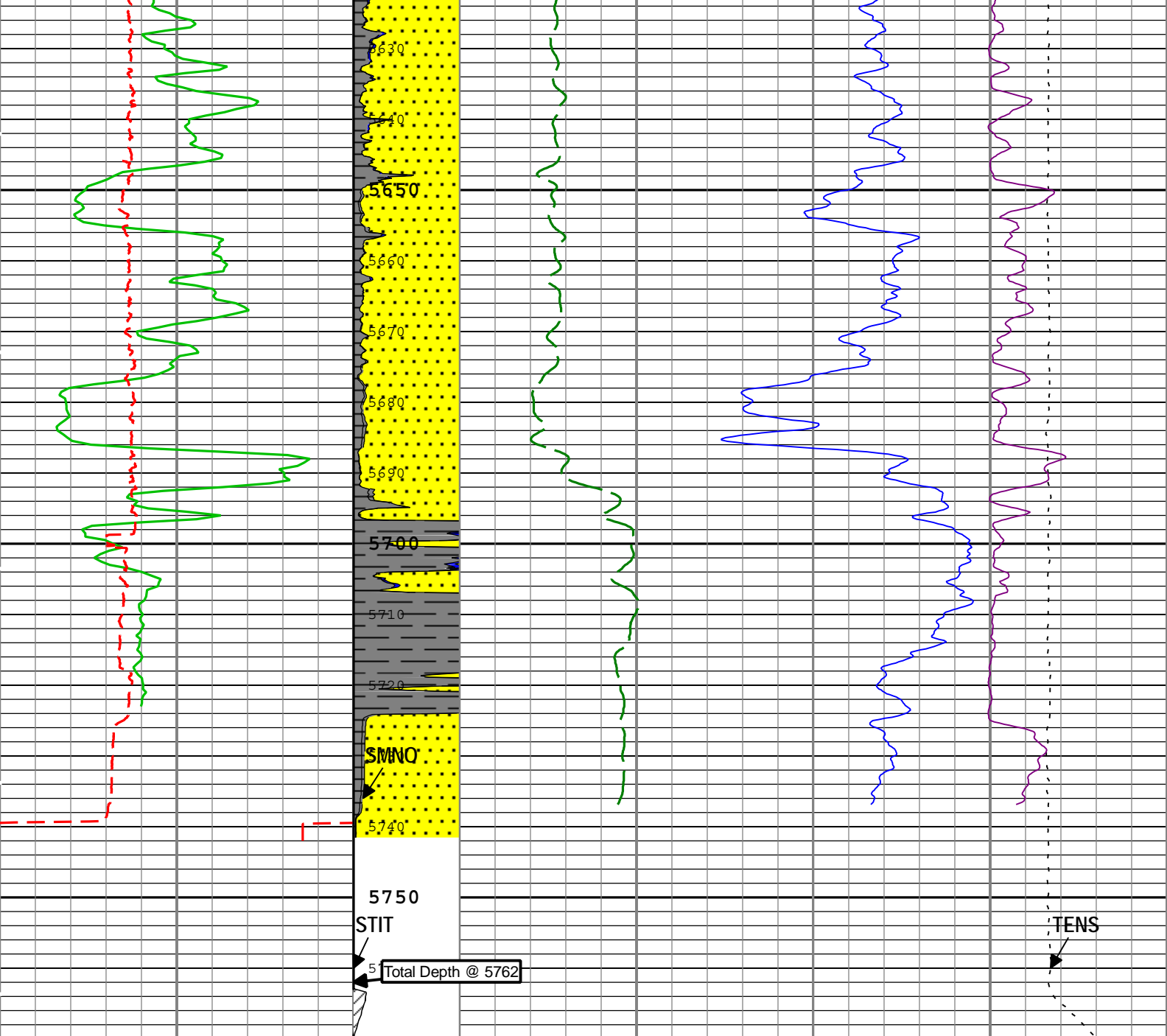












TIME\_1900 - Time Marked every 60.00 (s)

Description: HGNS standard resolution porosities for Platform Express Format: Log ( EMD 5in Density ) Index Scale: 5 in per 100 ft Index Unit: ft Index Type: Measured Depth Creation Date: 04-Oct-2013 05:47:46

Channel Processing Parameters				
Parameter	Description	Tool	Value	Unit
BARI	Barite Mud Presence Flag	Borehole	No	
BHS	Borehole Status (Open or Cased Hole)	Borehole	Open	
BS	Bit Size	WI SESSION	7.875	in

	Bit Size	WLSESSION	7.576	in
CALI_SHIFT	CALI Supplementary Offset	HDRS-B	0.2	in
CBLO	Casing Bottom (Logger)	WLSESSION	433	ft
CDEN	Cement Density	HGNS-B	2	g/cm3
DC_MODE	Depth Correction Mode	DepthCorrection	Real-time	
DFD	Drilling Fluid Density	Borehole	9.2	lbm/gal
DFT	Drilling Fluid Type	Borehole	Water	
DHC	Density Hole Correction	HDRS-B	Bit Size	
GCSE_DOWN_PASS	Generalized Caliper Selection for WL Log Down Passes	Borehole	BS	
GCSE_UP_PASS	Generalized Caliper Selection for WL Log Up Passes	Borehole	CALI	
GRSE	Generalized Mud Resistivity Selection, from Measured or Computed Mud Resistivity	Borehole	AMF	
NPRM	HRDD Nuclear Processing Mode	HDRS-B	High Resolution	
TD	Total Measured Depth	Borehole	5762	ft

## Tool Control Parameters

Parameter	Description	Tool	Value	Unit
HRGD_BRD_TYPE	HRGD Board Type	HDRS-B	WITHOUT_HET	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	1800	ft/h
STSO_HRDD	Temperature Source for the Density Algorithm	HDRS-B	Decaytime algorithm	

## Calibration Report

### HDRS-B (HILT Density and Rxo Sonde, 125 degC) Calibration - Run 1

#### Primary Equipment :

HILT High-Resolution Control Cartridge, 125 degC	HRCC-B	860
15 kpsi, tungsten shielding	HRGD-B	1748

#### Auxiliary Equipment :

HRDD Backscatter Detector	Backscatter	
HRDD Long Spacing Detector	Long Spacing	
HRDD Short Spacing Detector	Short Spacing	
Cesium 137 Gamma-Ray Logging Source	GSR-J	5094

#### Calibration Parameter :

Small Ring Size (Caliper Calibration Small Ring)	8.00
Large Ring Size (Caliper Calibration Large Ring)	12.00

### HDRS Caliper Calibration - Caliper Accumulations

Before (Measured):		16:04:49 03-Oct-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Small Ring	in	Before	8.00	6.00	9.75	10.00	
Large Ring	in	Before	12.00	9.00	13.91	15.00	

### HDRS Density Calibration - Inversion Results

Master (EEPROM):		12:08:40 23-Sep-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Rho Aluminum	g/cm3	Master	2.596	2.586	2.598	2.606	
Rho Magnesium	g/cm3	Master	1.686	1.676	1.688	1.696	
Pe Aluminum		Master	2.570	2.470	2.567	2.670	
Pe Magnesium		Master	2.650	2.550	2.618	2.750	

### HDRS Density Calibration - Deviation Summary

Master (EEPROM):		12:08:40 23-Sep-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS Average Deviation	%	Master	0	-0.6000	0.3782	0.6000	
BS Max Deviation	%	Master	0	-1.6000	0.9728	1.6000	
SS Average Deviation	%	Master	0	-1.0000	0.3201	1.0000	
SS Max Deviation	%	Master	0	-2.5000	1.0052	2.5000	
LS Average Deviation	%	Master	0	-1.5000	0.4138	1.5000	
LS Max Deviation	%	Master	0	-3.5000	1.1180	3.5000	

### HDRS Density Calibration - Background Summary

Master (EEPROM):		12:08:40 23-Sep-2013		Before (Measured):		16:09:40 03-Oct-2013	
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS Window Ratio		Master	1.0000		0.7298		
		Before	0.7298	0.6933	0.7280	0.7663	
		Before-Master	-----	-----	-0.0018	-----	
BS Window Sum	1/s	Master	1		9123		
		Before	9123	8667	9125	9579	
		Before-Master	-----	-----	2	-----	
SS Window Ratio		Master	1.0000		0.4802		
		Before	0.4802	0.4562	0.4788	0.5042	
		Before-Master	-----	-----	-0.0014	-----	
SS Window Sum	1/s	Master	1		9021		
		Before	9021	8570	9006	9472	
		Before-Master	-----	-----	-15	-----	
LS Window Ratio		Master	1.0000		0.2884		
		Before	0.2884	0.2739	0.2903	0.3028	
		Before-Master	-----	-----	0.0019	-----	
LS Window Sum	1/s	Master	1		995		
		Before	995	945	993	1044	
		Before-Master	-----	-----	-2	-----	

### HDRS Density Calibration - Photo-multiplier High Voltages

Master (EEPROM):		12:08:40 23-Sep-2013		Before (Measured):		16:09:40 03-Oct-2013	
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS PM High Voltage	V	Master		1000	1667	2400	
		Before		1000	1674	2400	
		Before-Master	-----	-100	7	100	
SS PM High Voltage	V	Master		1000	1452	2400	
		Before		1000	1462	2400	
		Before-Master	-----	-100	10	100	
LS PM High Voltage	V	Master		1000	1537	2400	
		Before		1000	1541	2400	
		Before-Master	-----	-100	4	100	

### HDRS Density Calibration - Crystal Quality Resolutions

Master (EEPROM):		12:08:40 23-Sep-2013		Before (Measured):		16:09:40 03-Oct-2013	
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS Crystal Resolution	%	Master		5.00	11.56	25.00	
		Before		5.00	11.58	25.00	
		Before-Master	-----	-1.00	0.02	1.00	
SS Crystal Resolution	%	Master		5.00	10.12	20.00	
		Before		5.00	10.22	20.00	
		Before-Master	-----	-1.00	0.10	1.00	
LS Crystal Resolution	%	Master		5.00	8.86	20.00	
		Before		5.00	8.89	20.00	
		Before-Master	-----	-1.00	0.03	1.00	

### HDRS MCFL Calibration - MCFL Accumulations

Before (Measured):		15:51:42 03-Oct-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Main Resistivity	ohm.m	Before	3875	3565	3864	4185	
Deep Resistivity	ohm.m	Before	3830	3524	3806	4136	
Shallow Resistivity	ohm.m	Before	3830	3524	3801	4136	

## HGNS-B (HILT Gamma-Ray and Neutron Sonde, 125 degC) Calibration - Run 1

Primary Equipment :					
	HILT Gamma-Ray and Neutron Sonde, 125 degC		HGNS-B		863
Auxiliary Equipment :					
	HGNS Accelerometer, 125 degC		HACCZ-B		452
	AmBe Neutron Logging Source		NSR-F		5069
Calibration Parameter :					
	Water Temperature				
	Housing Size				
	JIG-BKG (Jig minus background reference)		165		

HGNS Accelerometer Calibration - Accelerometer Accumulations

Before (Measured):		02:29:25 04-Oct-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
AZ Vertical Measurement	ft/s2	Before	32.2	31.5	31.8	32.8	
HGNS Accelerometer EEPROM - Accelerometer EEPROM Read							
Master (EEPROM):		00:00:00 15-Dec-1996					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Accelerometer Manufacturer		Master			Sunstrand		
Accelerometer Reference Temperature	degF	Master		30.2	68.0	122.0	
Accelerometer Coefficients - 0		Master	----	----	51.000	----	
Accelerometer Coefficients - 1		Master	----	----	11.800	----	
Accelerometer Coefficients - 2		Master	----	----	0.011	----	
Accelerometer Coefficients - 3		Master	----	----	0.000	----	
Accelerometer Coefficients - 4		Master	----	----	2.182	----	
Accelerometer Coefficients - 5		Master	----	----	0.000	----	
Accelerometer Coefficients - 6		Master	----	----	0.000	----	
Accelerometer Coefficients - 7		Master	----	----	0.000	----	
Accelerometer Coefficients - 8		Master	----	----	293.400	----	
Accelerometer Coefficients - 9		Master	----	----	0.997	----	

HGNS Neutron Calibration - HGNS Neutron Accumulations

Master (EEPROM):		21:33:40 24-Sep-2013	Before (Measured):		15:52:45 03-Oct-2013	After:	
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Near Zero Measurement	1/s	Master	0	5.0	28.5	40.0	
		Before	0	5.0	28.8	40.0	
		After	----	----	----	----	
		Before-Master	----	-4.3	0.3	4.3	
		After-Before	----	----	----	----	
Far Zero Measurement	1/s	Master	0	5.0	29.6	40.0	
		Before	0	5.0	30.8	40.0	
		After	----	----	----	----	
		Before-Master	----	-4.4	1.2	4.4	
		After-Before	----	----	----	----	
Near Plus Measurement	1/s	Master	6031.0	4700.0	5058.0	6900.0	
		Before	----	----	----	----	
		After	----	----	----	----	
		Before-Master	----	----	----	----	
		After-Before	----	----	----	----	
Far Plus Measurement	1/s	Master	2793.0	1900.0	2210.0	2900.0	
		Before	----	----	----	----	
		After	----	----	----	----	
		Before-Master	----	----	----	----	
		After-Before	----	----	----	----	
Near Corrected Plus Measurement	1/s	Master		4700.0	5066.0	6900.0	
		Before	----	----	----	----	
		After	----	----	----	----	
		Before-Master	----	----	----	----	
		After-Before	----	----	----	----	
Far Corrected Plus Measurement	1/s	Master		1900.0	2205.0	2900.0	
		Before	----	----	----	----	
		After	----	----	----	----	
		Before-Master	----	----	----	----	
		After-Before	----	----	----	----	

HGNS Gamma-Ray Calibration - Gamma-Ray Accumulations

Before (Measured):		16:08:41 03-Oct-2013					
		After:					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
RGR Zero Measurement	gAPI	Before	30.0	0	84.5	120.0	
		After	----	----	----	----	
		After-Before	----	----	----	----	
RGR Plus Measurement	gAPI	Before	185.4	157.1	167.8	206.3	
		After			NOT DONE		
		After-Before	----	----	----	----	
GR Calibration Gain		Before	0.89	0.80	0.98	1.05	
		After	----	----	----	----	
		After-Before	----	----	----	----	

Company:	Vecta Oil & Gas LTD	Schlumberger
Well:	Snowmass 32-32	
Field:	Wildcat	
County:	Cheyenne	
State:	Colorado	
Platform Express		
Compensated Neutron Log		
LithoDensity		