

Company: Omimex Petroleum Inc

Well: Sagehorn 14-34-6-45

Field: Ballyneal

County: Phillips State: Colorado

Platform Express	
Compensated Neutron Log	
LithoDensity	
County: Phillips	
Field: Ballyneal	
Location: SESW Sec.34, T6N, R45W	
Well: Sagehorn 14-34-6-45	
Company: Omimex Petroleum Inc	
Location:	
SESW Sec.34, T6N, R45W	Elev.: K.B. 3871.00 ft
SHL: 733' FSL & 1899' FWL	G.L. 3865.00 ft
Lat/Long: 40.441640/-102.371340	D.F. 3870.00 ft
Permanent Datum:	Ground Level
Log Measured From:	Kelly Bushing
Drilling Measured From:	Kelly Bushing
API Serial No. 05-095-0	Section: 34
	Township: 6N
	Range: 45W

Logging Date	09-Dec-2014				
Run Number	ONE				
Depth Driller	2698.00 ft				
Schlumberger Depth	2698.00 ft				
Bottom Log Interval	2698.00 ft				
Top Log Interval	498.25 ft				
Casing Driller Size @ Depth	7 in @ 495.00 ft				
Casing Schlumberger	495 ft				
Bit Size	6.25 in				
Type Fluid In Hole	WBM				
MUD	Density	8.5 lbm/gal	28 s		
	Fluid Loss	PH	8		
	Source of Sample				
RM @ Meas Temp	0.23 ohm.m @ 71.57 degF				
RMF @ Meas Temp	0.16 ohm.m @ 75 degF				
RMC @ Meas Temp	0.33 ohm.m @ 75 degF				
Source RMF	RMC	Calculated	Calculated		
RM @ BHT	RMF @ BHT	0.15 @ 110	0.11 @ 110		
Max Recorded Temperatures			110 degF		
Circulation Stopped		Time	08:30:00		
Logger on Bottom		Time	13:50:00		
Unit Number	Location:	9108	Fort Morgan		
Recorded By	Nolan Welsh				
Witnessed By	Paul Dekaye				

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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13. Tail

- ## Well Sketch



2698.00 ft

Open Hole 6.25in

## Borehole Size/Casing/Tubing Record






Bit						
Bit Size ( in )	6.25					
Top Driller ( ft )	0					
Top Logger ( ft )	0					
Bottom Driller ( ft )	2698					
Bottom Logger ( ft )	2698					
Casing						
Size ( in )	7					
Weight ( lbm/ft )	17					
Inner Diameter ( in )	6.538					
Grade	N/A					
Top Driller ( ft )	0					
Top Logger ( ft )	0					
Bottom Driller ( ft )	495					
Bottom Logger ( ft )	495					

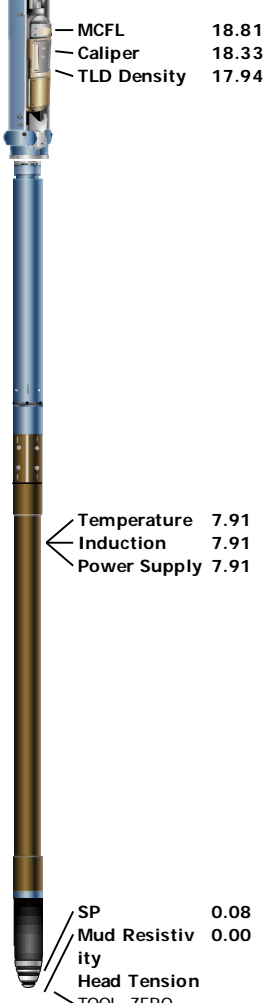
## Borehole Fluids

Parameter( unit )	ONE					
Fluid Type	Water					
Fluid Name	WBM					
Max Recorded Temperatures ( degF )	110					
Source of Sample	Active Tank					
Salinity ( ppm )	11600					
Density ( lbm/gal )	8.5					
Funnel Viscosity ( s )	28					
Fluid Loss ( cm3 )	4					
PH	8					
Date/Time Circulation Stopped	09-Dec-2014 08:30:00					
Date Logger on Bottom	09-Dec-2014					
Time Logger on Bottom	13:50:00					
Source RMF	Calculated					
RMC	Calculated					
RM @ Meas Temp ( ohm.m@degF )	0.23 @ 71.57					
RMF @ Meas Temp ( ohm.m@degF )	0.16 @ 75					

RMC @ Meas Temp ( ohm.m@degF )	0.33 @ 75					
RM @ BHT ( ohm.m@degF )	0.15 @ 110					
RMF @ BHT ( ohm.m@degF )	0.11 @ 110					
RMC @ BHT ( ohm.m@degF )	0.23 @ 110					
Total Solid ( % )						
High Gravity Solids ( % )						

Remarks and Equipment Summary

ONE: Toolstring					ONE: Remarks
Equip name	Length		MP name	Offset	Toolstring run as per tool sketch.
LEH-QT	55.57				Matrix: Limestone MDEN: 2.71 g/cm3
LEH-QT					Rig: Excell #2
					Crew: Troy Ocanus, Jeffery Schossow
DTCH-H	52.65		CTEM	51.75	
ECH-KC			HV	0.00	
DTCH-H					
			ToolStatus	49.65	
			TelStatus	49.65	
Weight[2]	49.65				
GPIT-F	45.65		GPIT-F Inclinator	44.23	
GPIH-B					
GPIC-F					
DHRU-F					
			GPIT	0.00	
Weight[1]	41.65				
HGNS-H	37.65		Temperature	37.62	
HGNH					
NPV-N			GR	36.91	
NSR-F:5068					
HGNS-H					
HACCZ-H:3616					
HMCA-H					
			CNL Porosity	30.57	
			HMCA	28.24	
			HGNS	28.24	
			Accelerometer	0.00	
HDRS-H	28.24				
ECH-MEB					
HRCC-H					
HRMS-H					
HRGD-H:5788					
Backscatter:2696					
1					
Short Spacing					
Long Spacing					
GSR-J:5416					
GPV-Q					
			HRCC	24.24	



Lengths are in ft  
Maximum Outer Diameter = 4.625 in  
Line: Sensor Location, Value: Gating Offset  
All measurements are relative to TOOL\_ZERO

Depth Summary

ONE

Depth Measuring Device

Type	IDW-JA		
Serial Number	5896		
Calibration Date	13-Aug-2014		
Calibrator Serial Number			
Calibration Cable Type	7-46-AXS		
Wheel Correction 1	-3		
Wheel Correction 2	-2		

Tension Device

Type	CMTD-B/A		
Serial Number	1109		
Calibration Date	18-Nov-2014		
Calibrator Serial Number	441345A		
Number of Calibration Points	10		
Calibration Root Mean Square Error	36		
Calibration Peak Error	69		

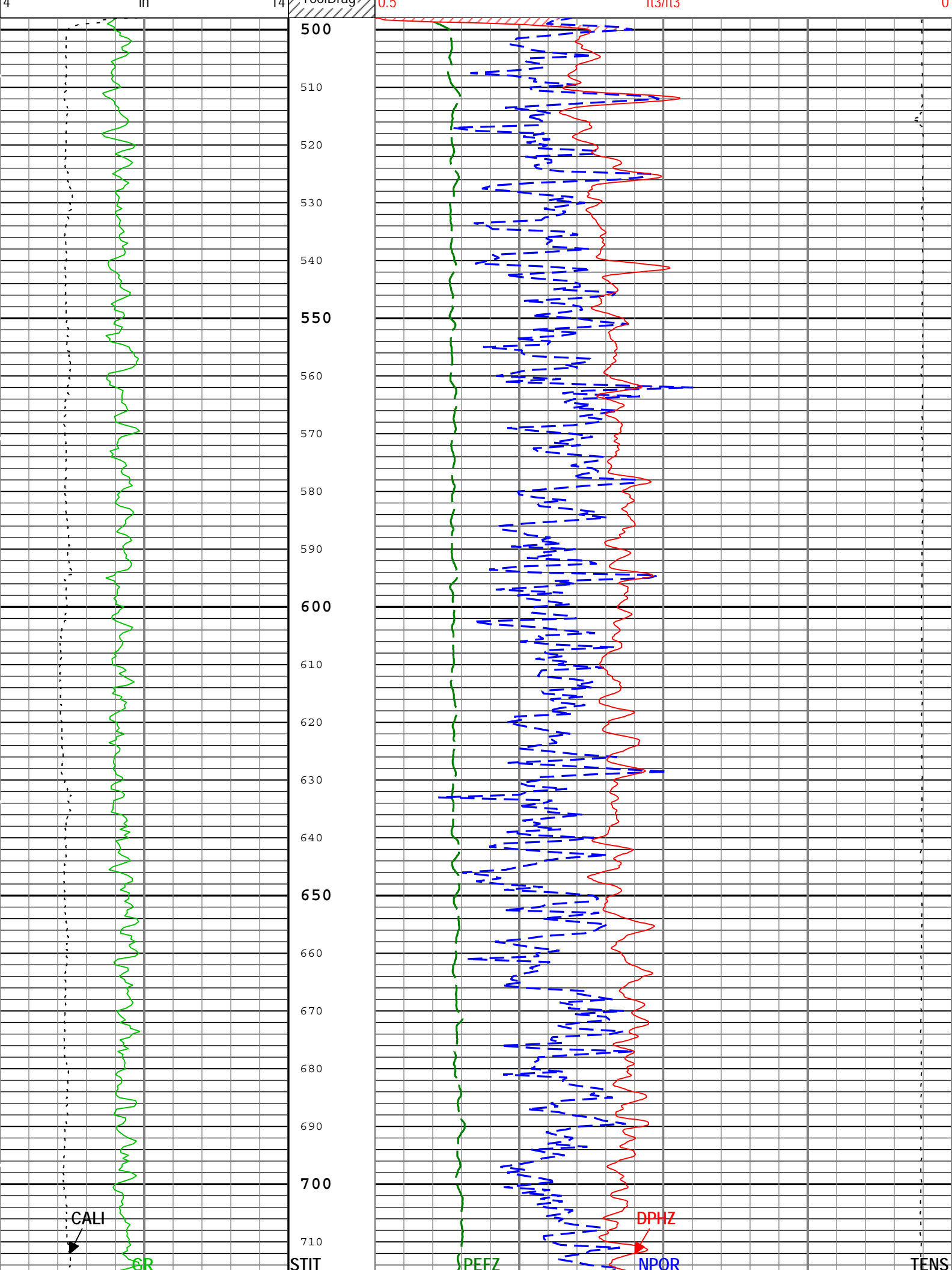
Logging Cable

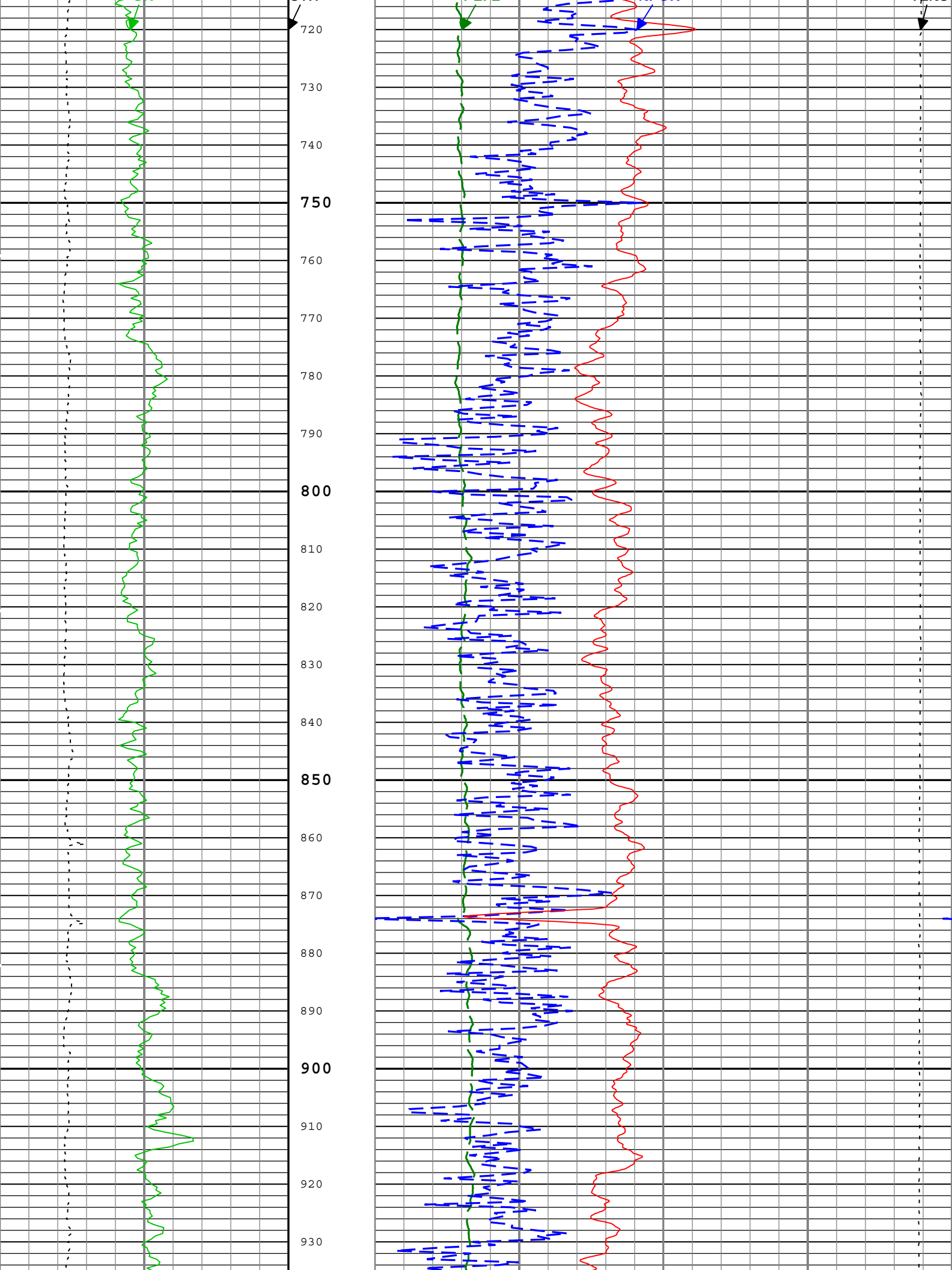
Type	7-46A-XS		
Serial Number	U711136		
Length	18000.00 ft		
Conveyance Type	Wireline		
Rig Type	Land		

ONE:Depth Control Parameters

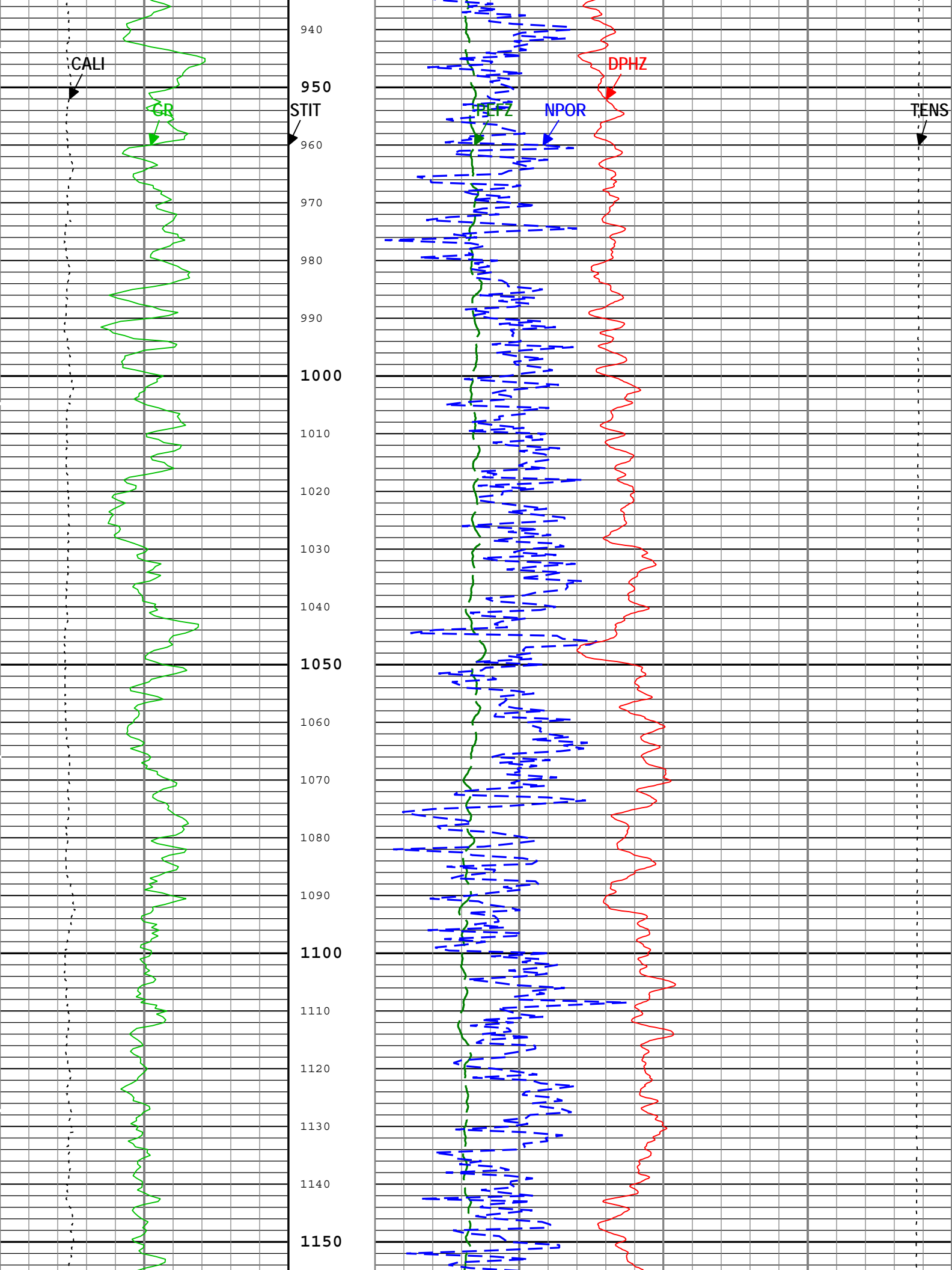
Depth Control Remarks

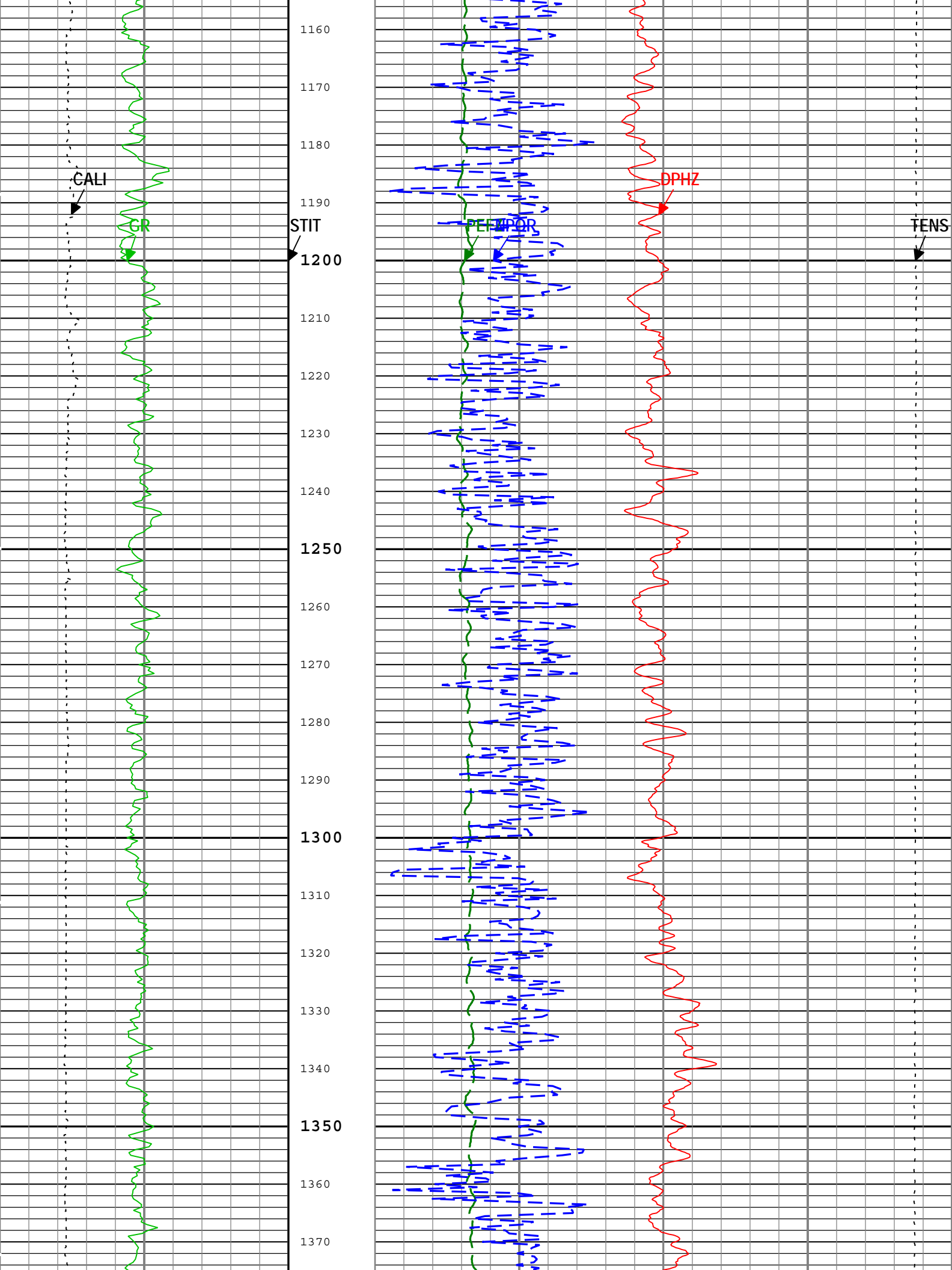
Log Sequence	First Log In the Well					All Schlumberger depth procedures followed				
Rig Up Length At Surface						IDW used as primary depth control				
Rig Up Length At Bottom						Z-Chart used as secondary depth control.				
Rig Up Length Correction										
Stretch Correction										
Tool Zero Check At Surface										
ONE										
5" Porosity										
Software Version										
Acquisition System						Version				
MaxWell						4.0.9163.3000				
Application Patch						Patch-SP-10767_26570-4.0.9163.3001				
Computation		Description					Version			
HENVIR		Computation Ensemble for the HGNS Neutron environmental corrections					4.0.9469.3000			
DepthCorrection		DepthCorrection					4.0.9469.3000			
Tool Elements		Description				Software Version		Firmware Version		
HRCC-H		HILT High-Resolution Control Cartridge, 150 degC				4.0.9575.3000				
HGNS-H		HILT Gamma-Ray and Neutron Sonde, 150 degC				4.0.9575.3000				
HRGD-H		HILT Resistivity Gamma-Ray Density Device, 150 degC				4.0.9575.3000				
Pass Summary										
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data	
ONE	Main[3]:Up	Up	54.64 ft	2700.43 ft	09-Dec-2014 2:09:10 PM	09-Dec-2014 2:54:47 PM	ON	0.00 ft	Yes	
All depths are referenced to toolstring zero										
Log						Company:Omimex Petroleum Inc		Well:Sagehorn 14-34-6-45		
ONE: Main[3]:Up:S006										
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: 09-Dec-2014 15:43:33										
Channel	Source		Sampling							
CALI	HDRS-H:HRCC-H:HRCC-H		1in							
DPHZ	HDRS-H:HRMS-H:HRGD-H		2in							
GR	HGNS-H:HGNS-H:HGNS-H		6in							
NPOR	HGNS-H:HGNS-H:HGNS-H		6in							
PEFZ	HDRS-H:HRMS-H:HRGD-H		2in							
STIT	DepthCorrection		6in							
TENS	WLWorkflow		6in							
TIME_1900	WLWorkflow		0.1in							
TIME_1900 - Time Marked every 60.00 (s)										
Gamma Ray Back up			Stuck Tool Indicator, Total (STIT)	Standard Resolution Formation Photoelectric Factor (PEFZ) HDRS-H						
Gamma Ray (GR) HGNS-H				010000lbft0						
Caliper (CALI) HDRS-H			ToolDran	Gas Effect						
				NPOR Backup						
			Enhanced Thermal Neutron Porosity in Selected Lithology (NPOR) HGNS-H							
			0.5m3/m30							
			Standard Resolution Density Porosity (DPHZ) HDRS-H							
			0.5ft/ft0							

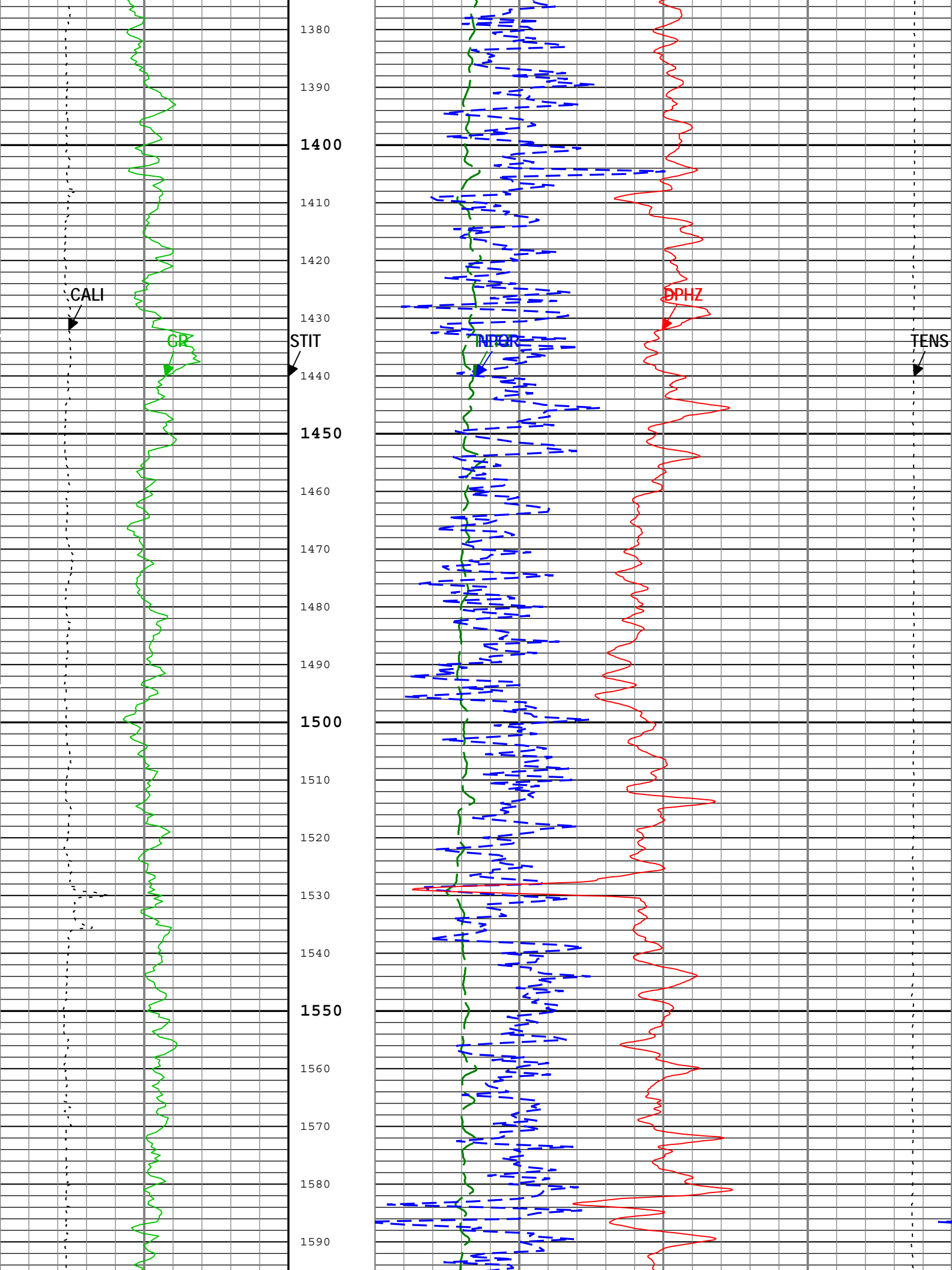


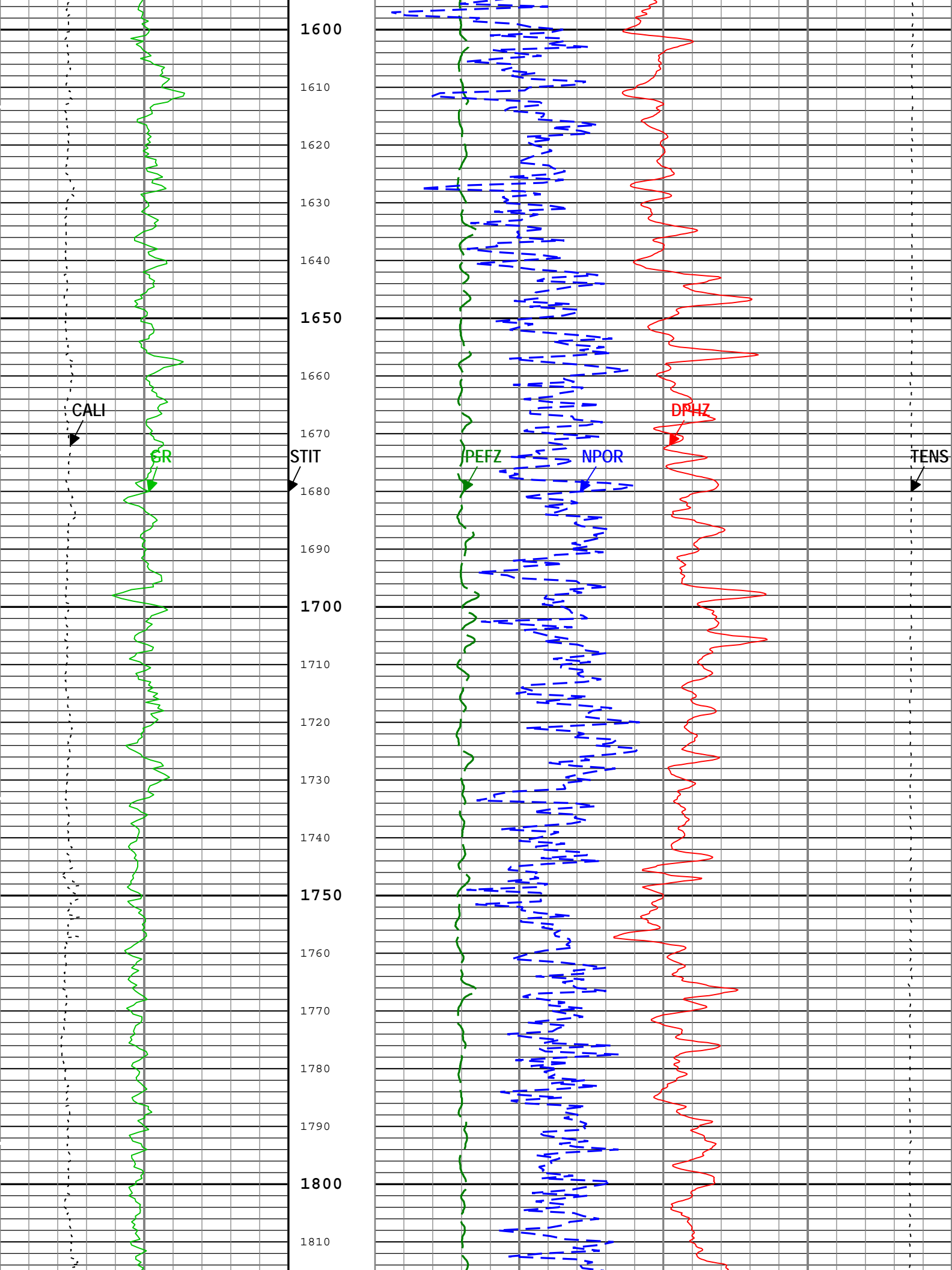


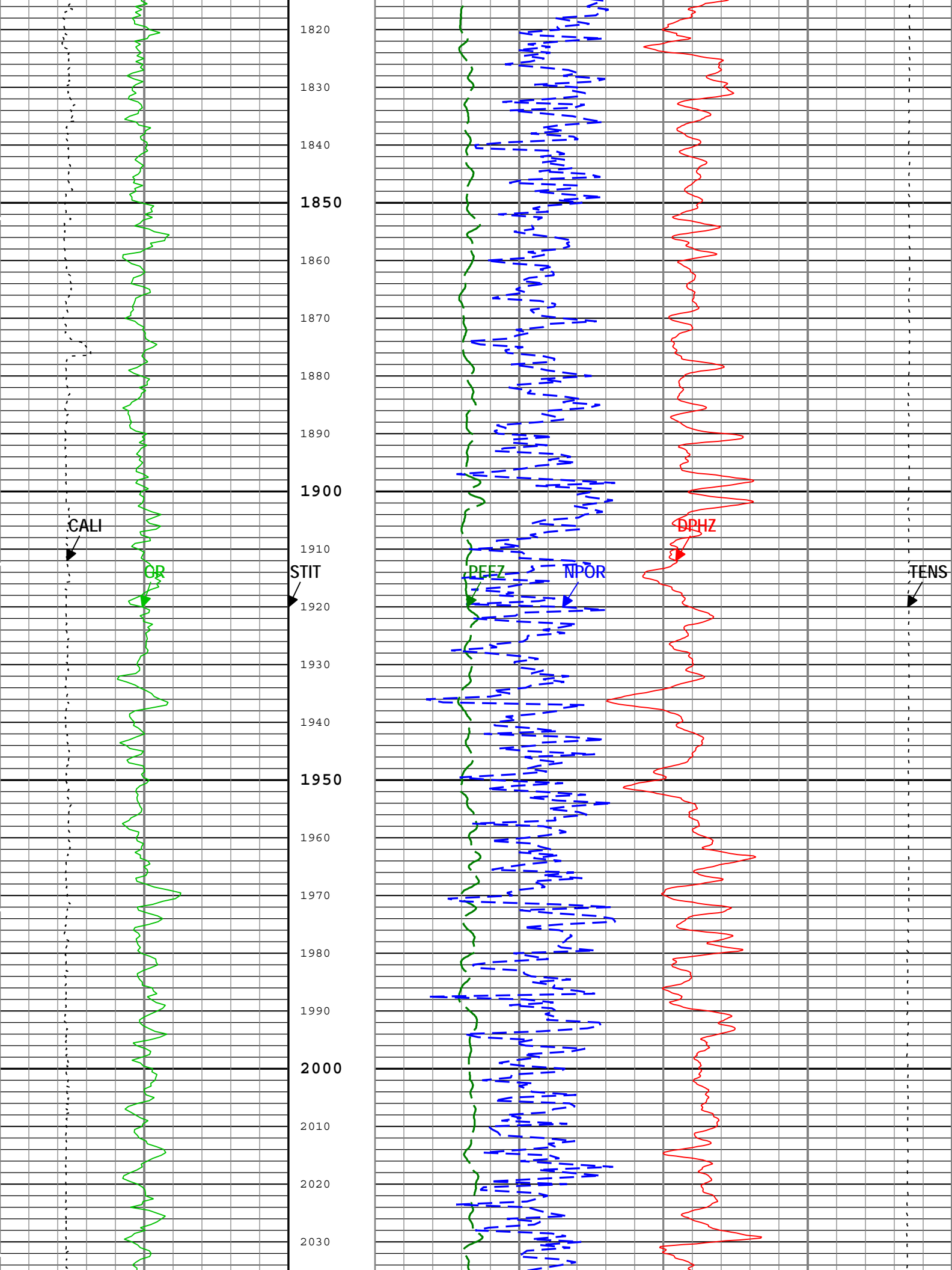


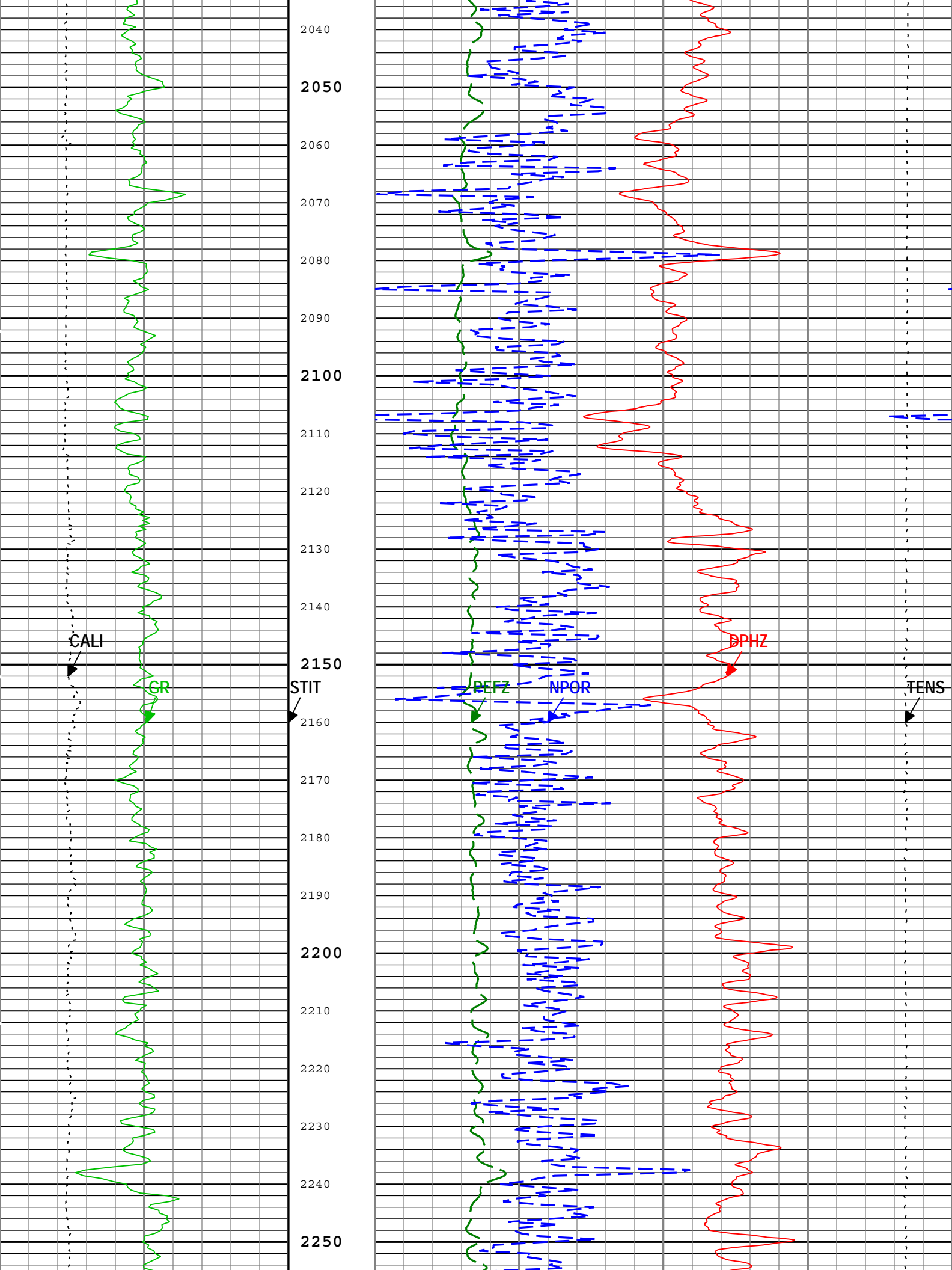


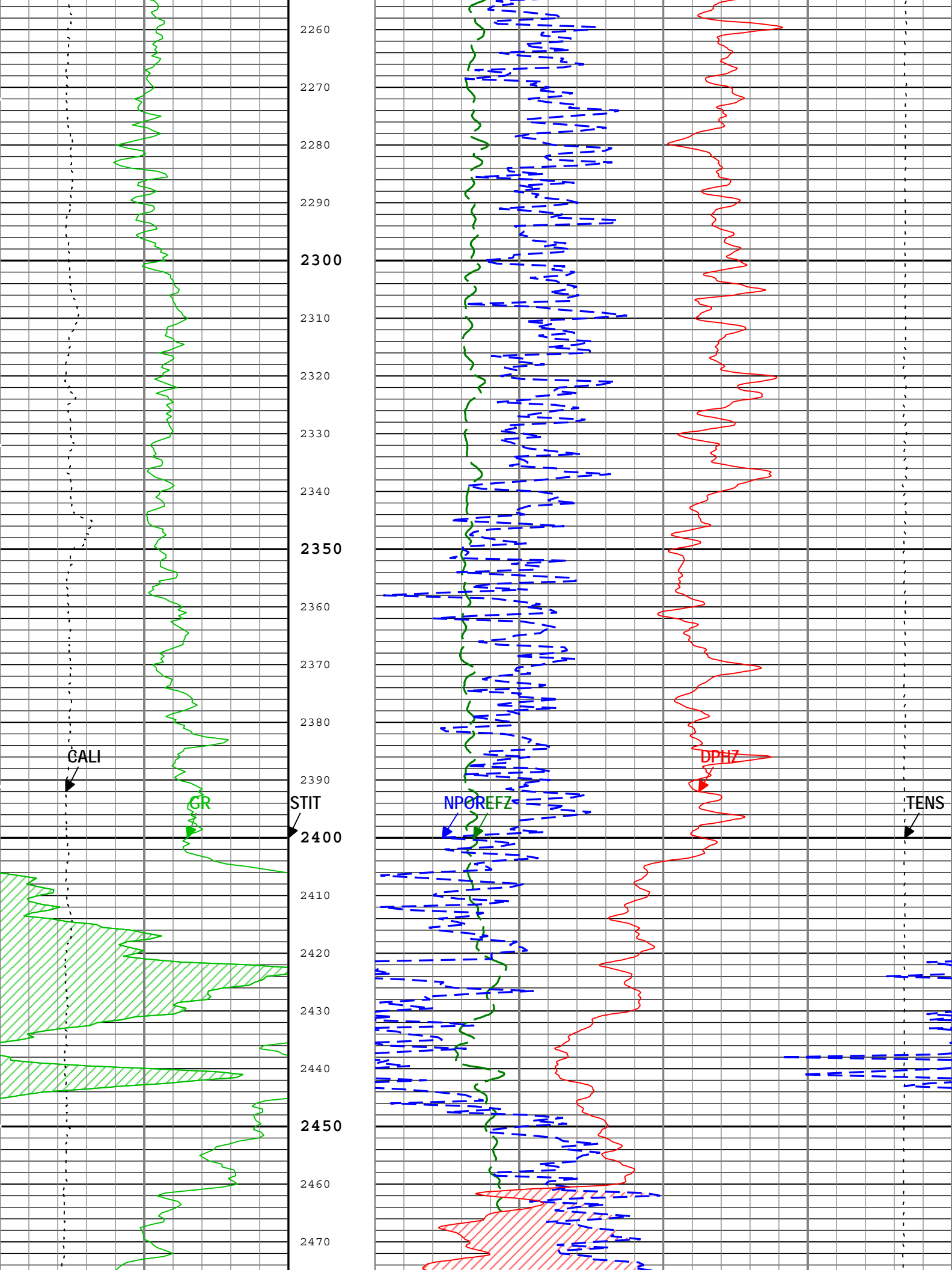


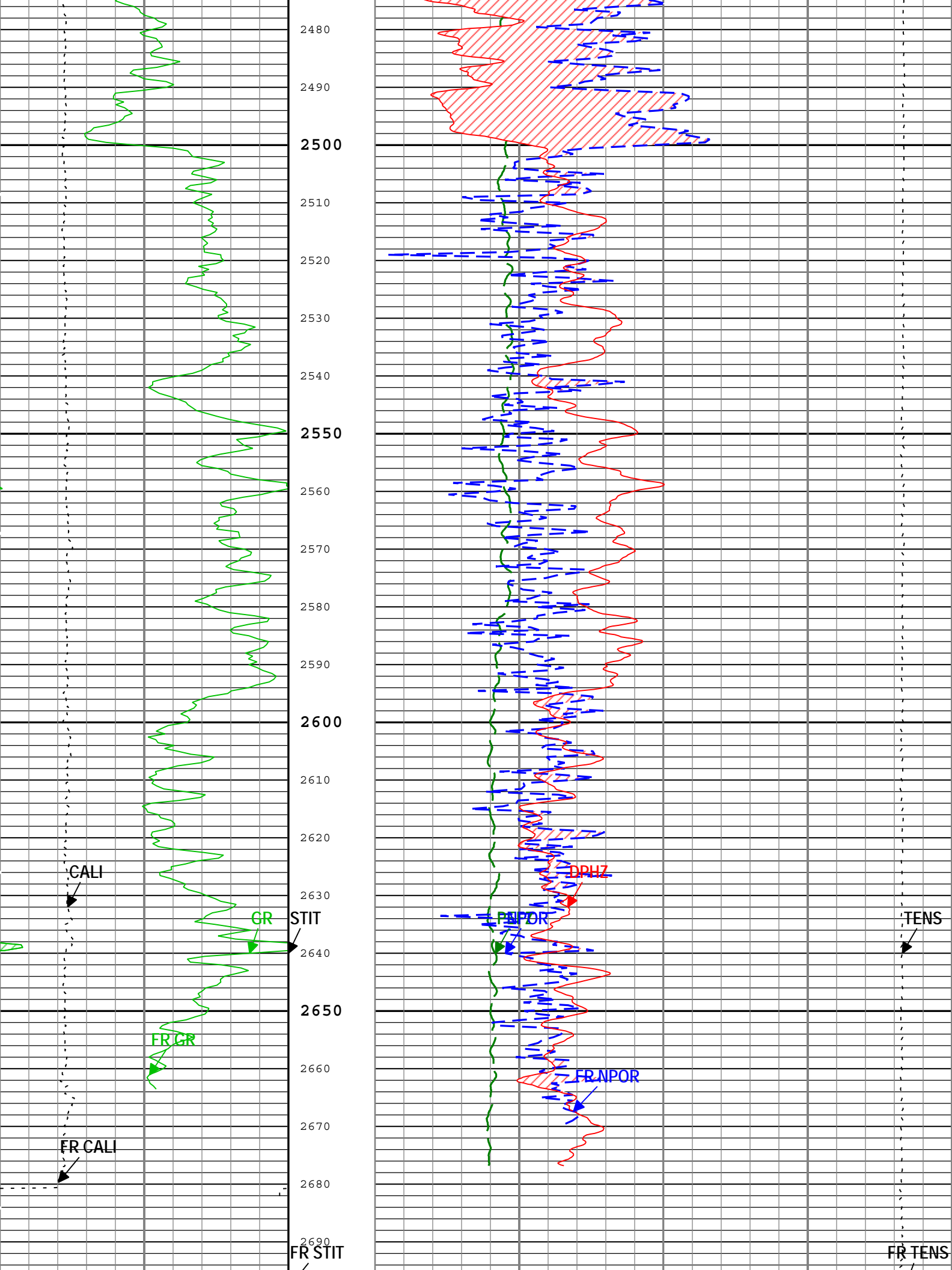




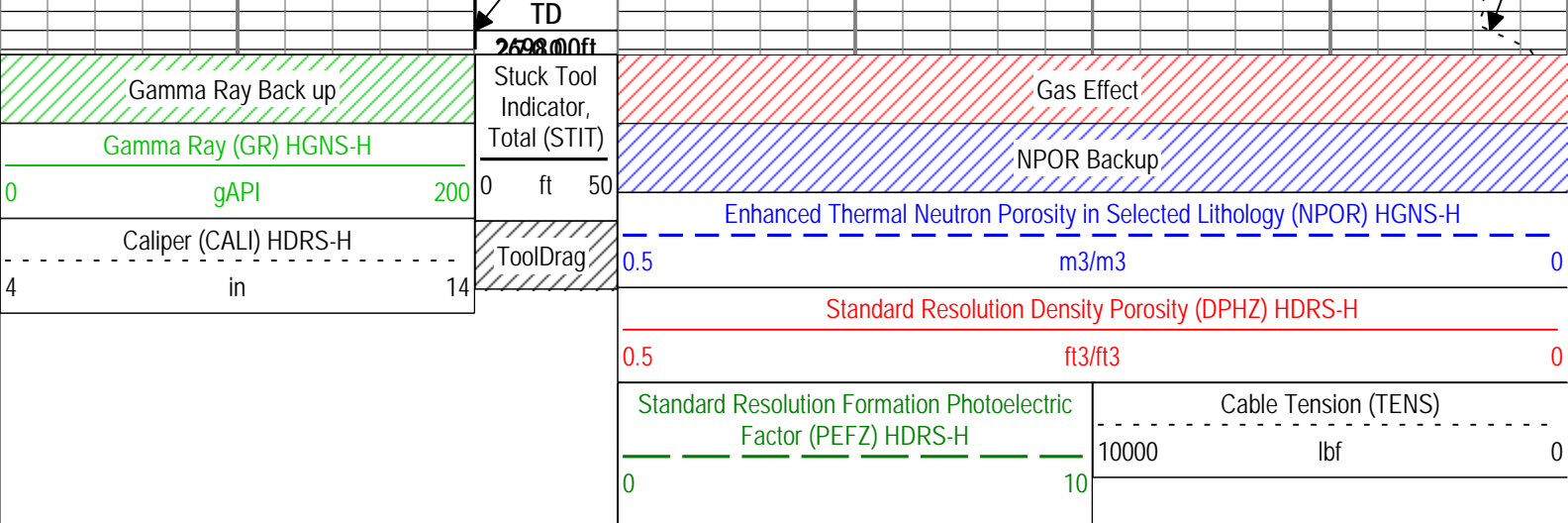












TIME\_1900 - Time Marked every 60.00 (s)

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: 09-Dec-2014 15:43:33

Channel Processing Parameters				
Parameter	Description	Tool	Value	Unit
BARI	Barite Mud Presence Flag	Borehole	No	
BHS	Borehole Status (Open or Cased Hole)	Borehole	Open	
BHT	Bottom Hole Temperature	Borehole	110	degF
BS	Bit Size	WLSESSION	6.25	in
BSAL	Borehole Salinity	Borehole	11600	ppm
CALI_SHIFT	CALI Supplementary Offset	HDRS-H	0.075	in
CBLO	Casing Bottom (Logger)	WLSESSION	495	ft
CDEN	Cement Density	HGNS-H	2	g/cm3
DC_MODE	Depth Correction Mode	DepthCorrection	Real-time	
DFD	Drilling Fluid Density	Borehole	8.5	lbm/gal
DFT	Drilling Fluid Type	Borehole	Water	
DFT_WATER	Drilling Fluid Water Type	Borehole	WBM	
DHC	Density Hole Correction	HDRS-H	Bit Size	
FD	Fluid Density	Borehole	1	g/cm3
FSAL	Formation Salinity	Borehole	0	ppm
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	
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	CTEM	
HSCO	Hole Size Correction Option	HGNS-H	Yes	
MATR	Rock Matrix for Neutron Porosity Corrections	Borehole	LIMESTONE	
MDEN	Matrix Density for Density Porosity	Borehole	2.71	g/cm3
MFST	Mud Filtrate Sample Temperature	Borehole	75	degF
RMFS	Resistivity of Mud Filtrate Sample	Borehole	0.16	ohm.m
TD	Total Measured Depth	Borehole	2698	ft
Tool Control Parameters				
Parameter	Description	Tool	Value	Unit
HMCA_BRD_TYPE	HMCA Board Type	HGNS-H	1	
HRGD_BRD_TYPE	HRGD Board Type	HDRS-H	WITH_HET	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	3600	ft/h

Porosity Repeat Analysis

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
ONE	Repeat[2]:Up	Up	2379.08 ft	2701.44 ft	09-Dec-2014 1:55:29 PM	09-Dec-2014 2:02:34 PM	ON	0.00 ft	Yes
ONE	Main[3]:Up	Up	54.64 ft	2700.43 ft	09-Dec-2014 2:09:10 PM	09-Dec-2014 2:54:47 PM	ON	0.00 ft	Yes

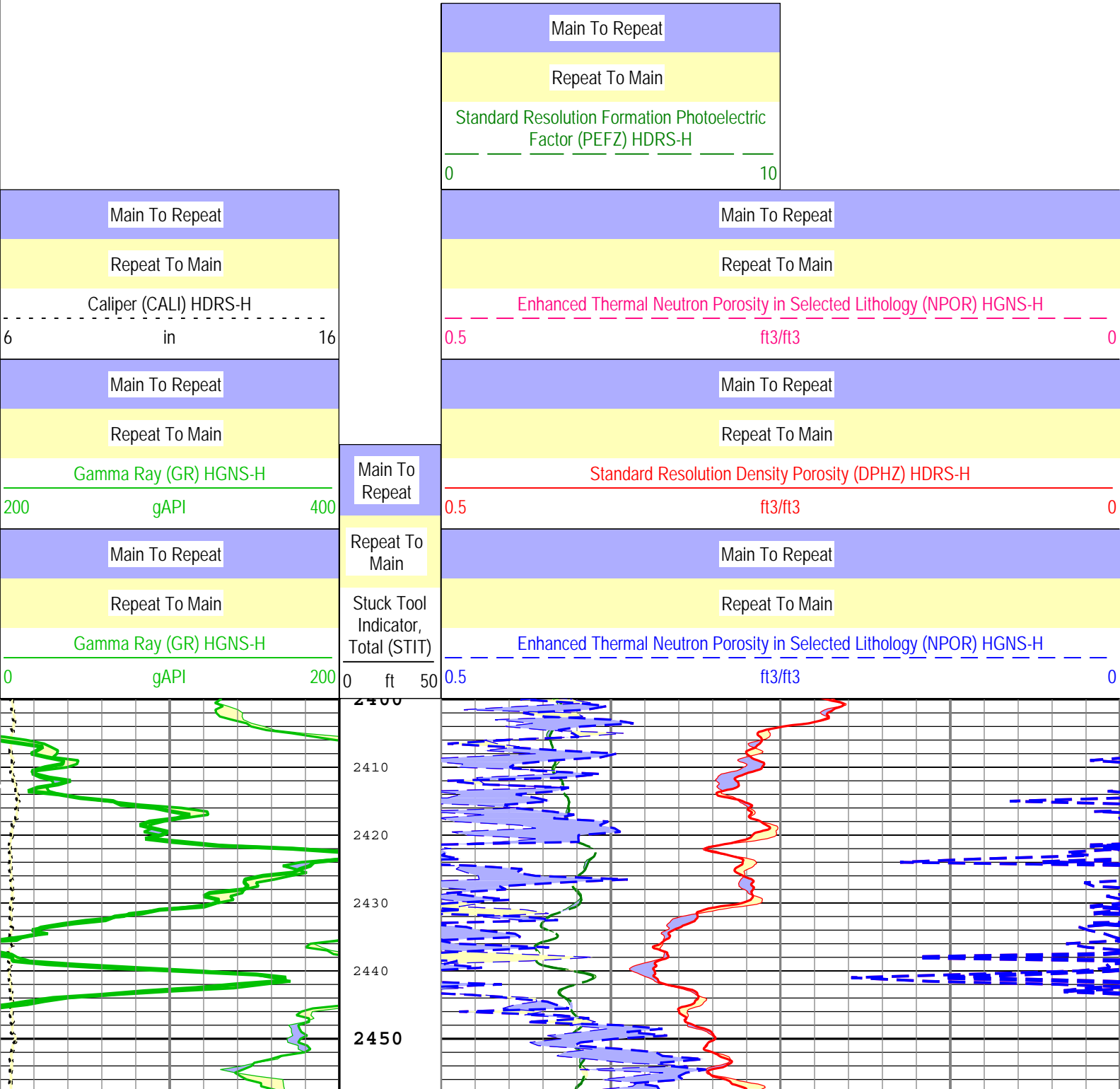
All depths are referenced to toolstring zero

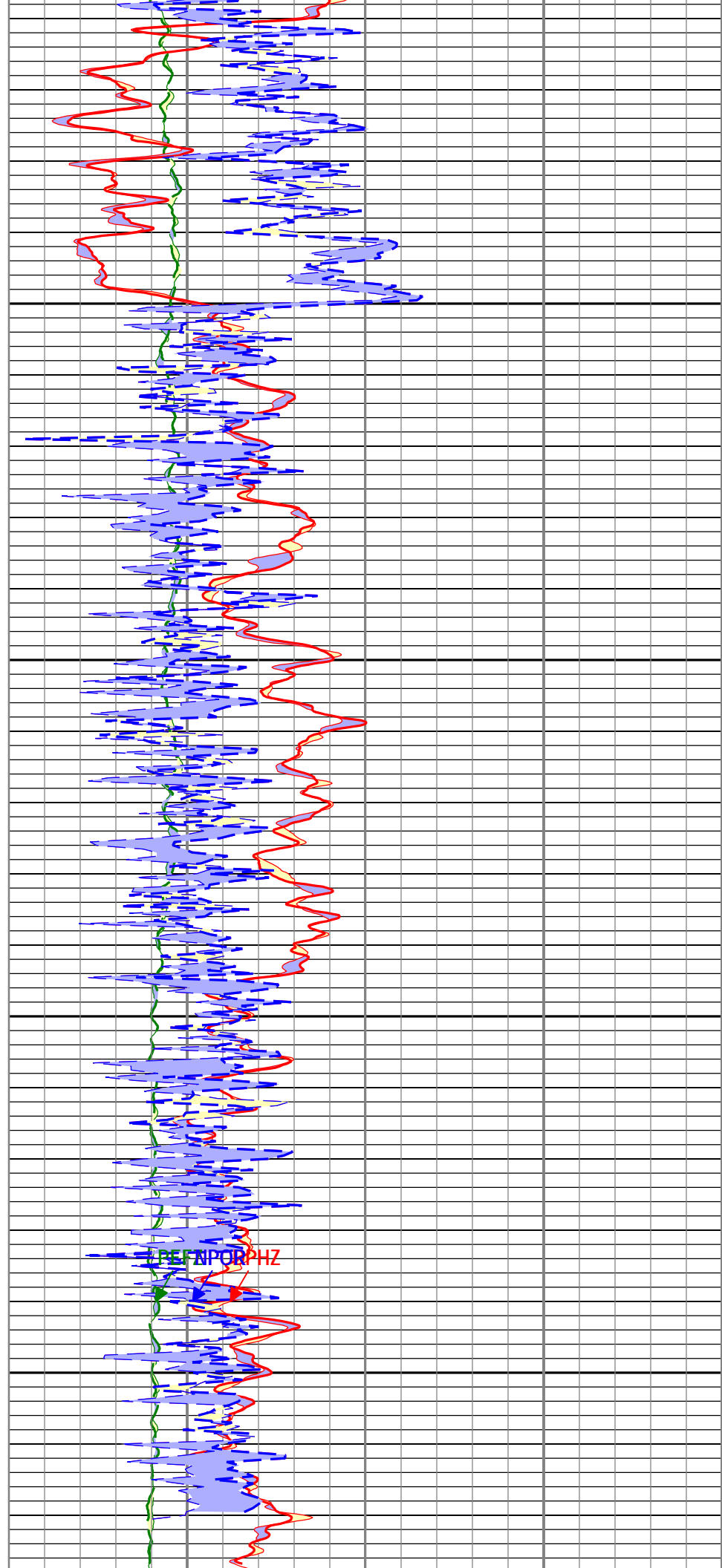
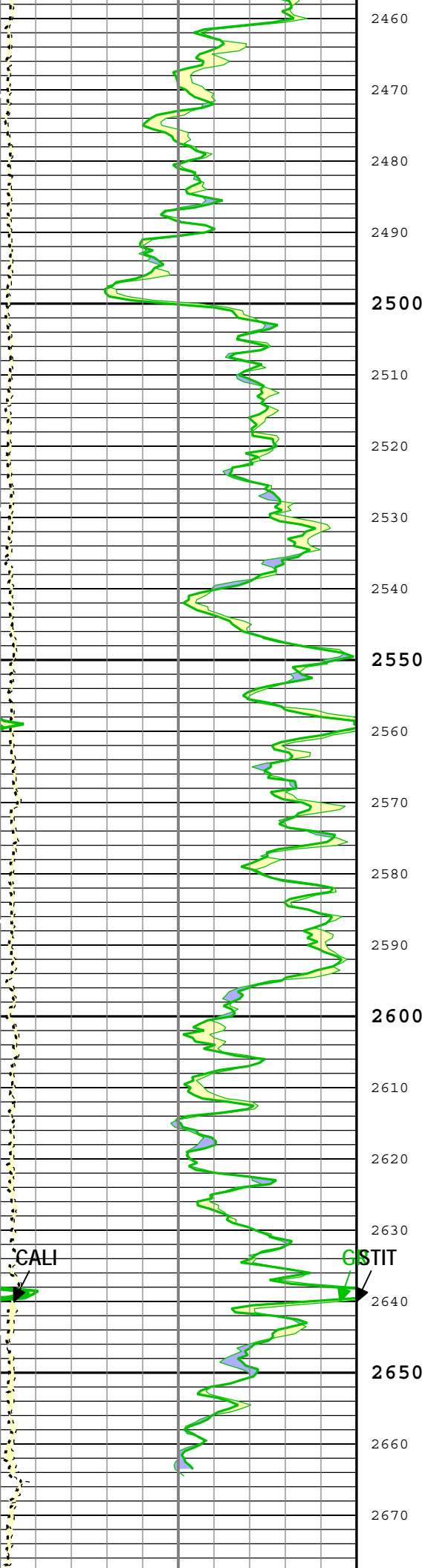
Log

Company:Omimex Petroleum Inc      Well:Sagehorn 14-34-6-45  
ONE: Repeat[2]:Up:S006

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: 09-Dec-2014 15:43:34

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: 09-Dec-2014 15:43:35

Channel Source Sampling

CALI HDRS-H:HRCC-H:HRCC-H 1in

GR HGNS-H:HGNS-H:HGNS-H 6in

HDRA HDRS-H:HRMS-H:HRGD-H 2in

PEFZ HDRS-H:HRMS-H:HRGD-H 2in

RHOZ HDRS-H:HRMS-H:HRGD-H 2in

SMIN HDRS-H:HRMS-H:HRGD-H 2in

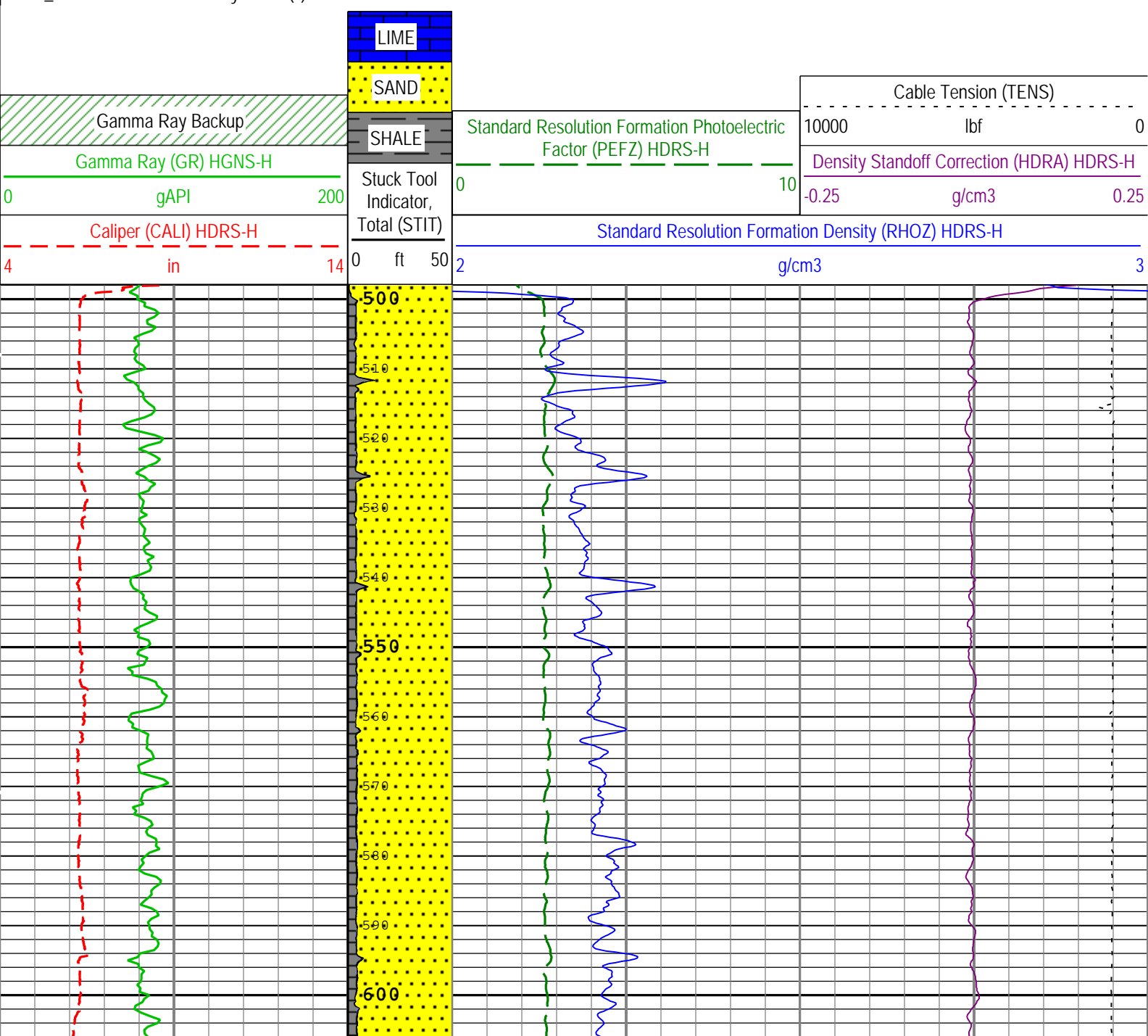
SMNO HDRS-H:HRMS-H:HRGD-H 2in

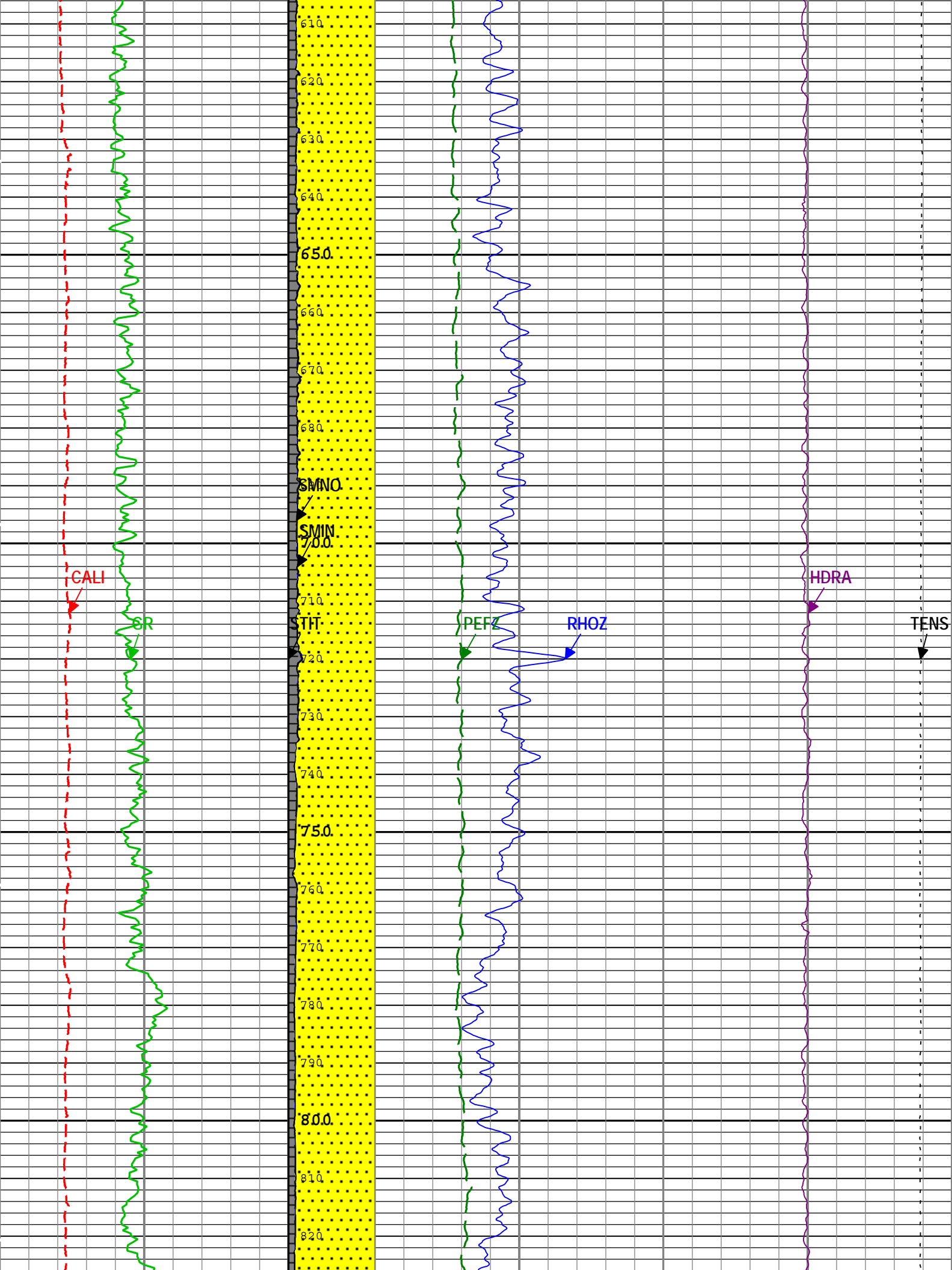
STIT DepthCorrection 6in

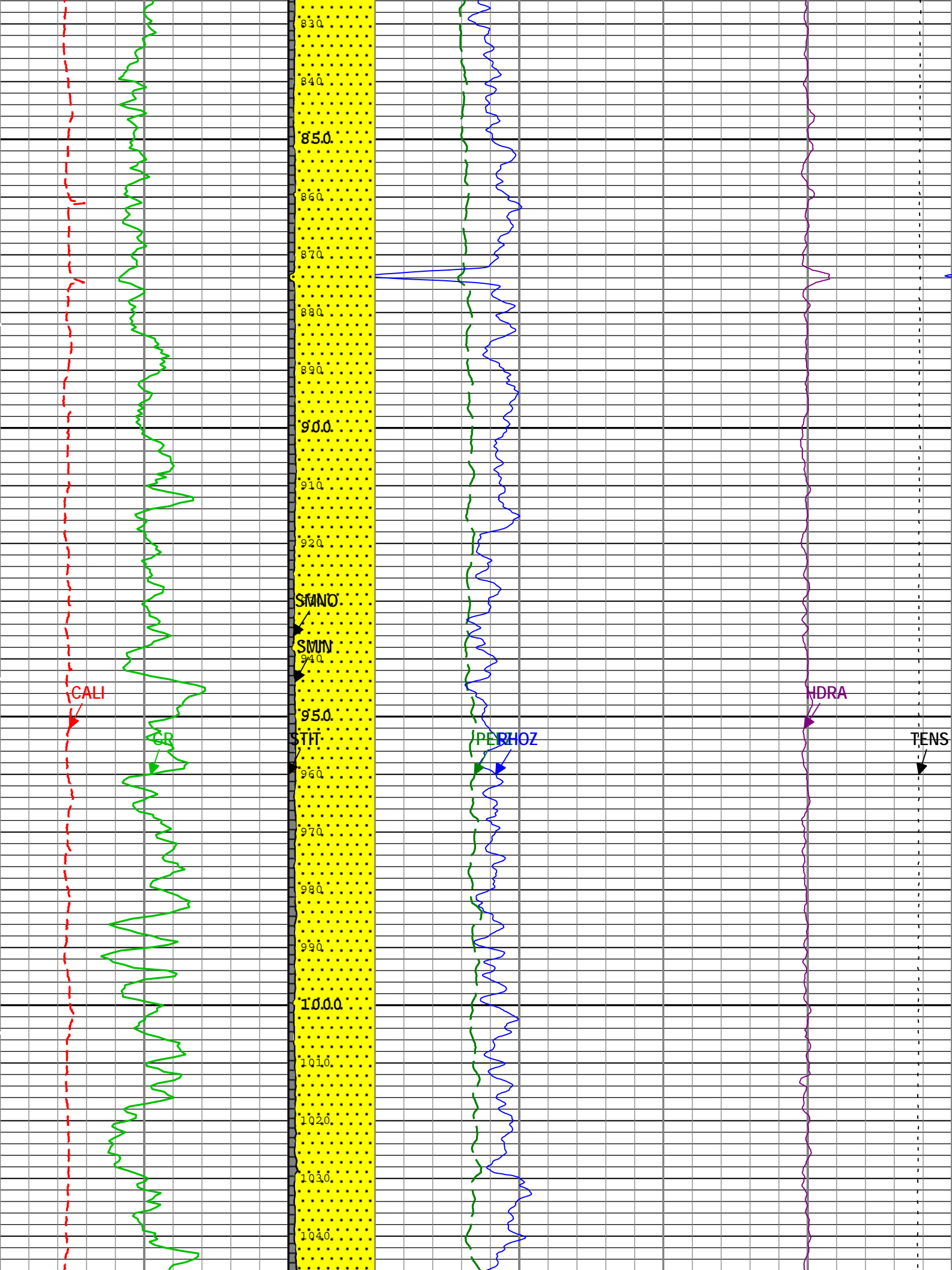
TENS WLWorkflow 6in

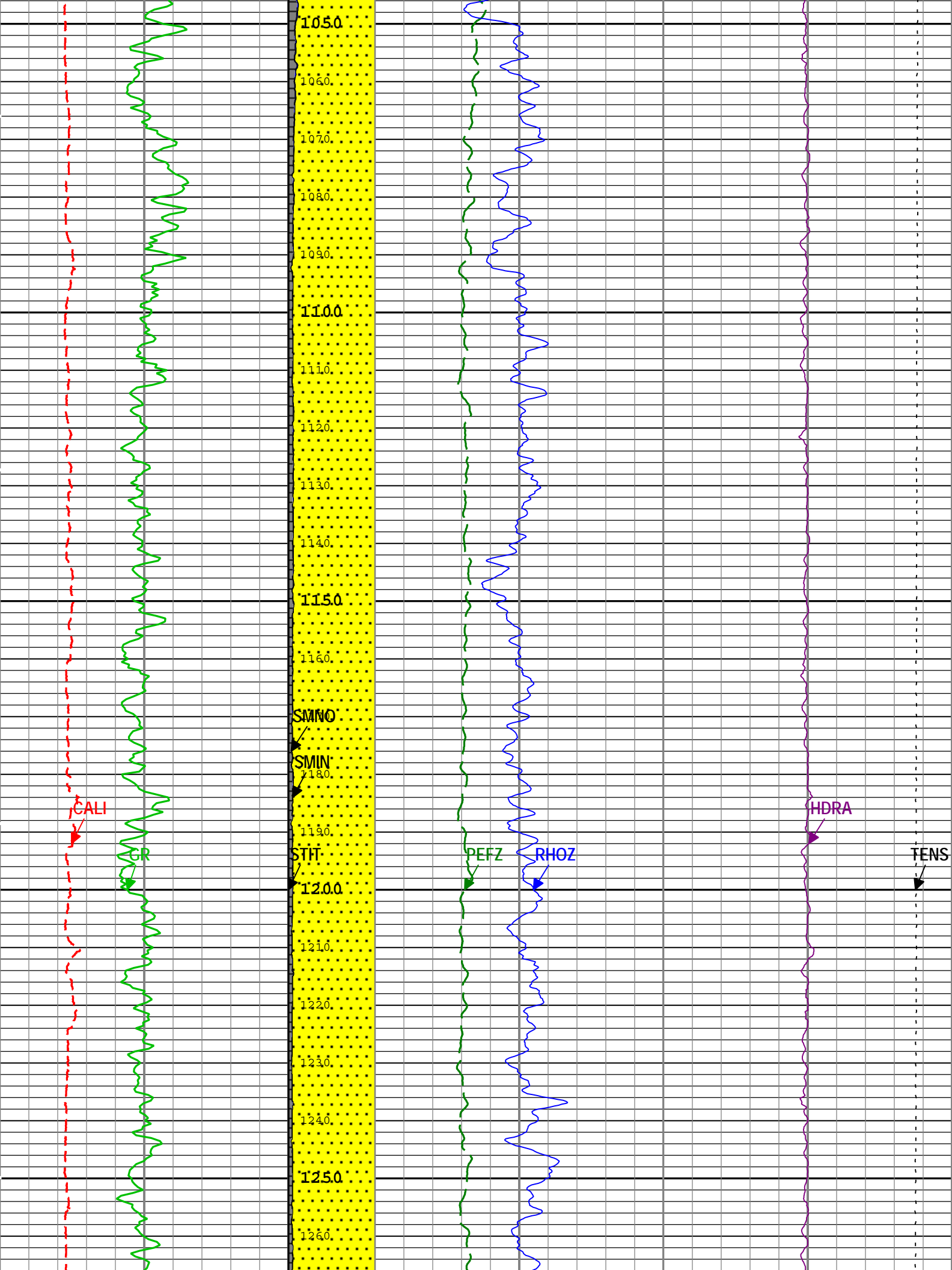
TIME\_1900 WLWorkflow 0.1in

TIME\_1900 - Time Marked every 60.00 (s)

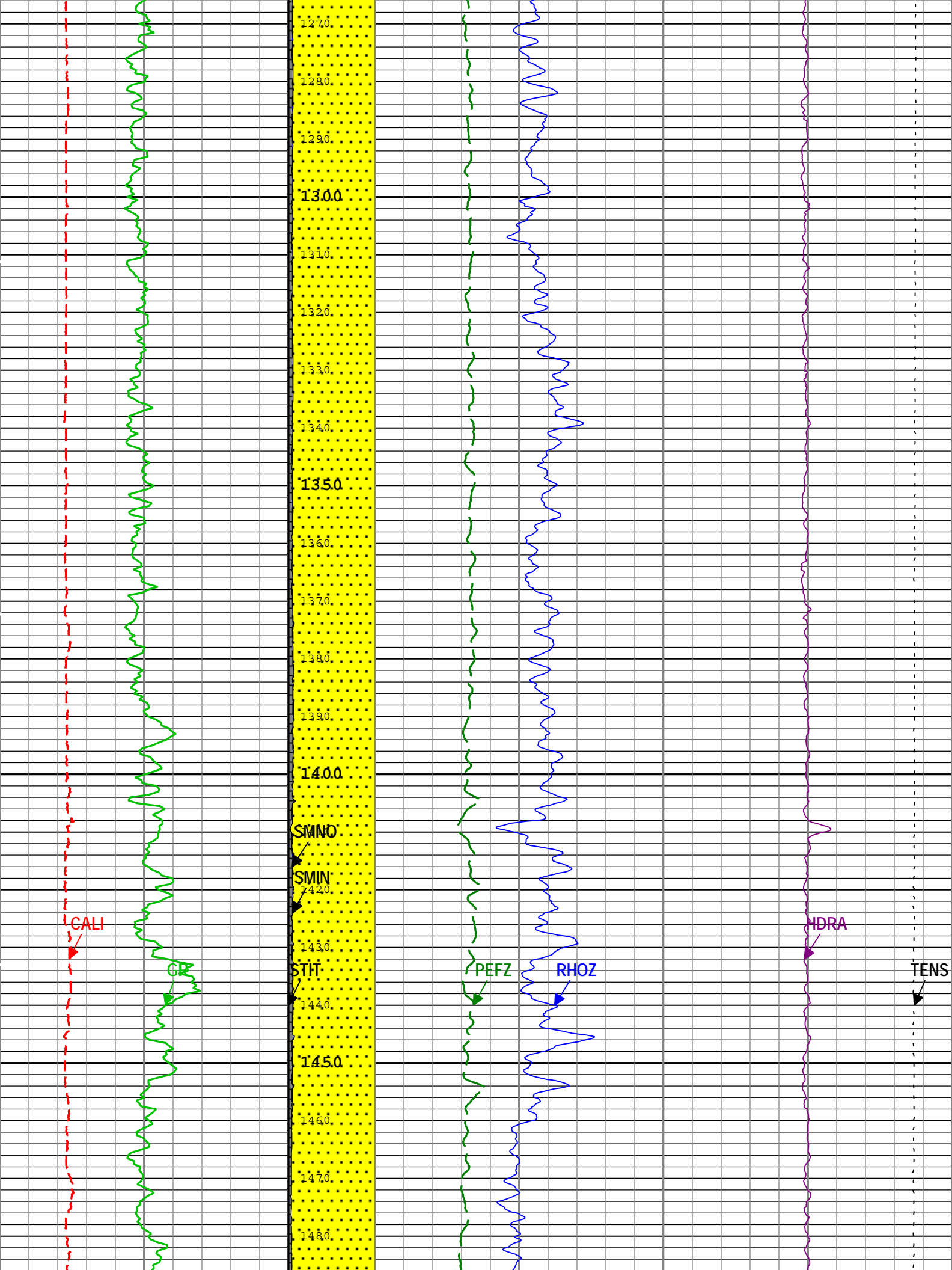


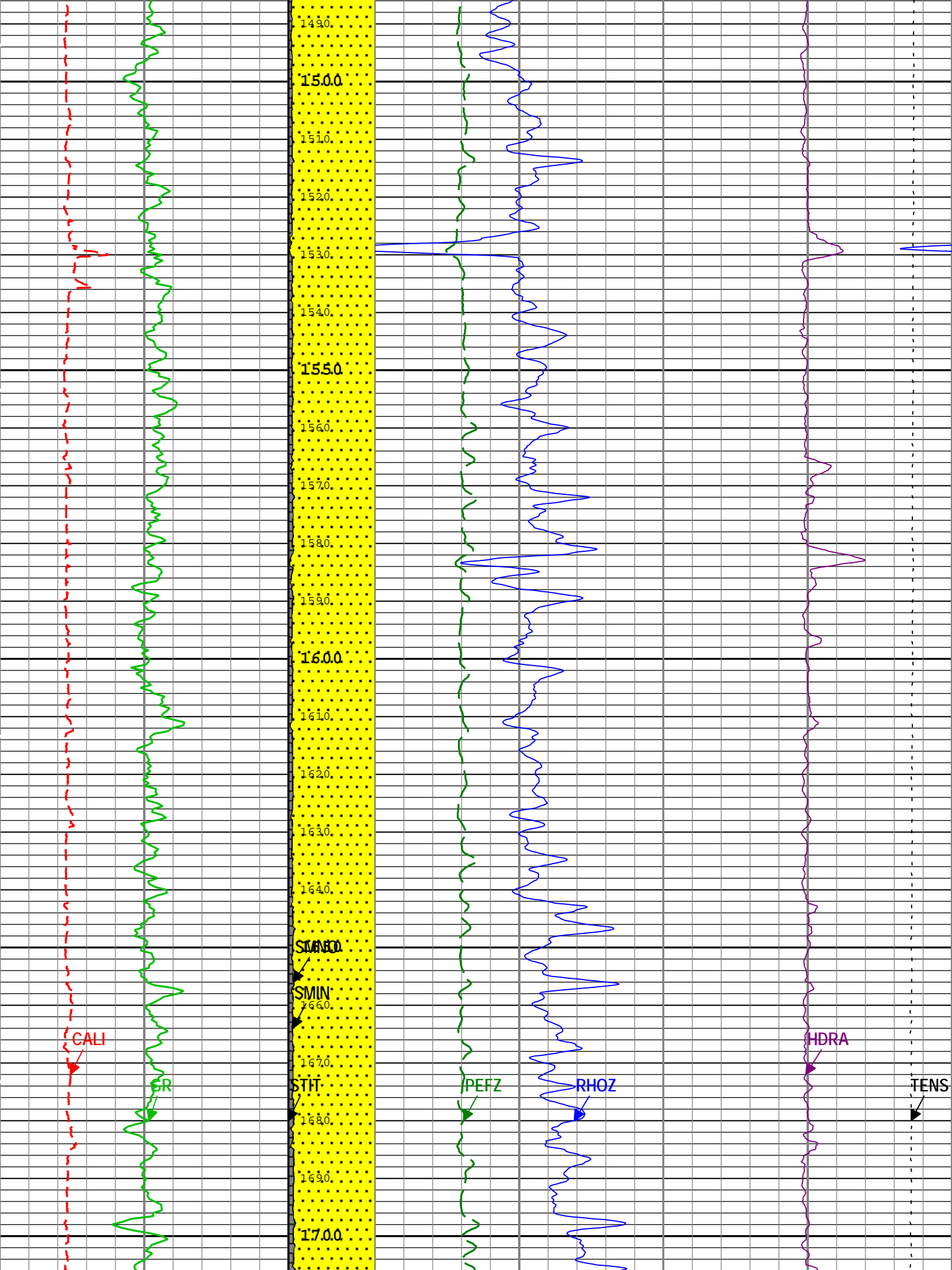


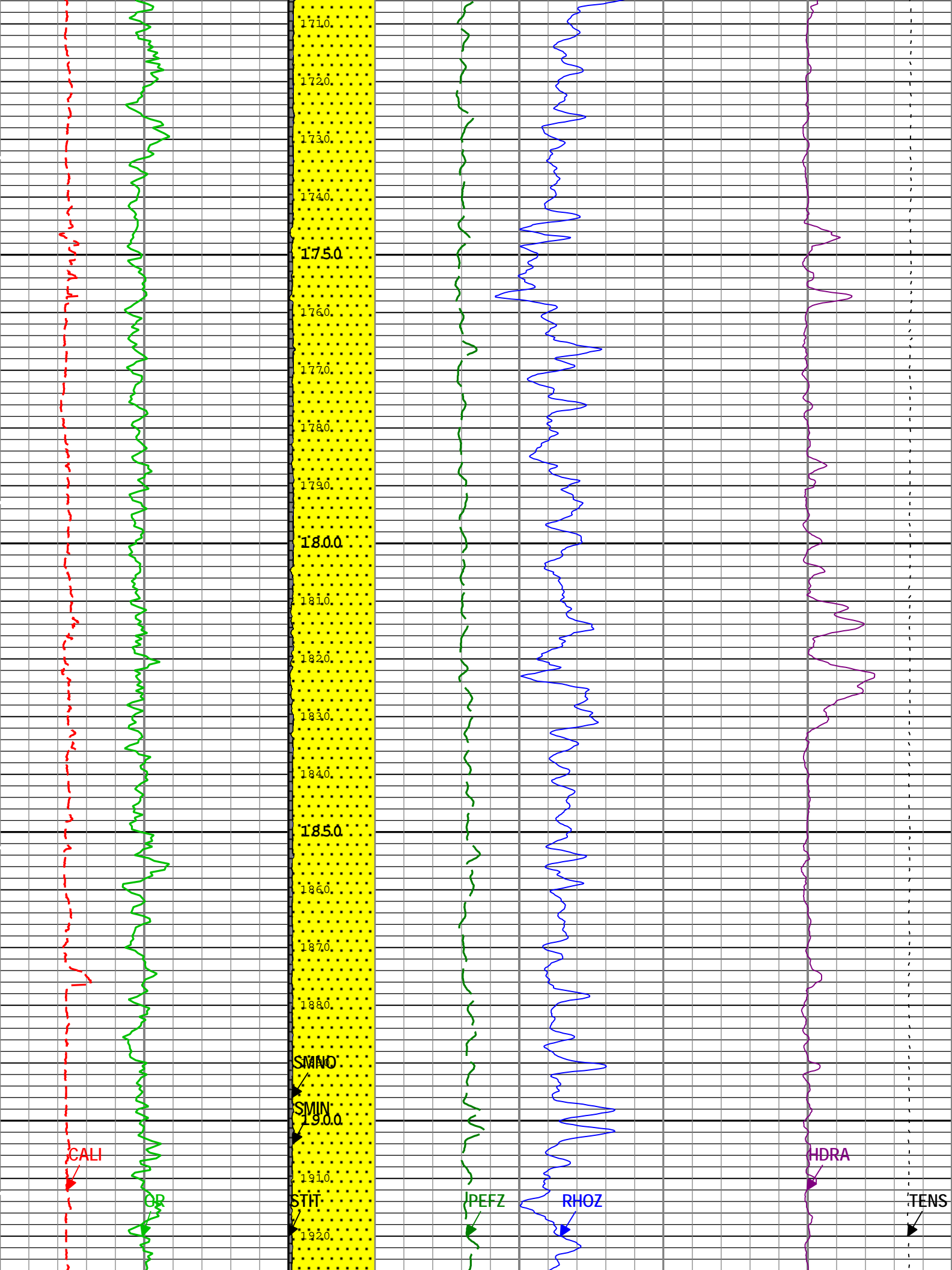


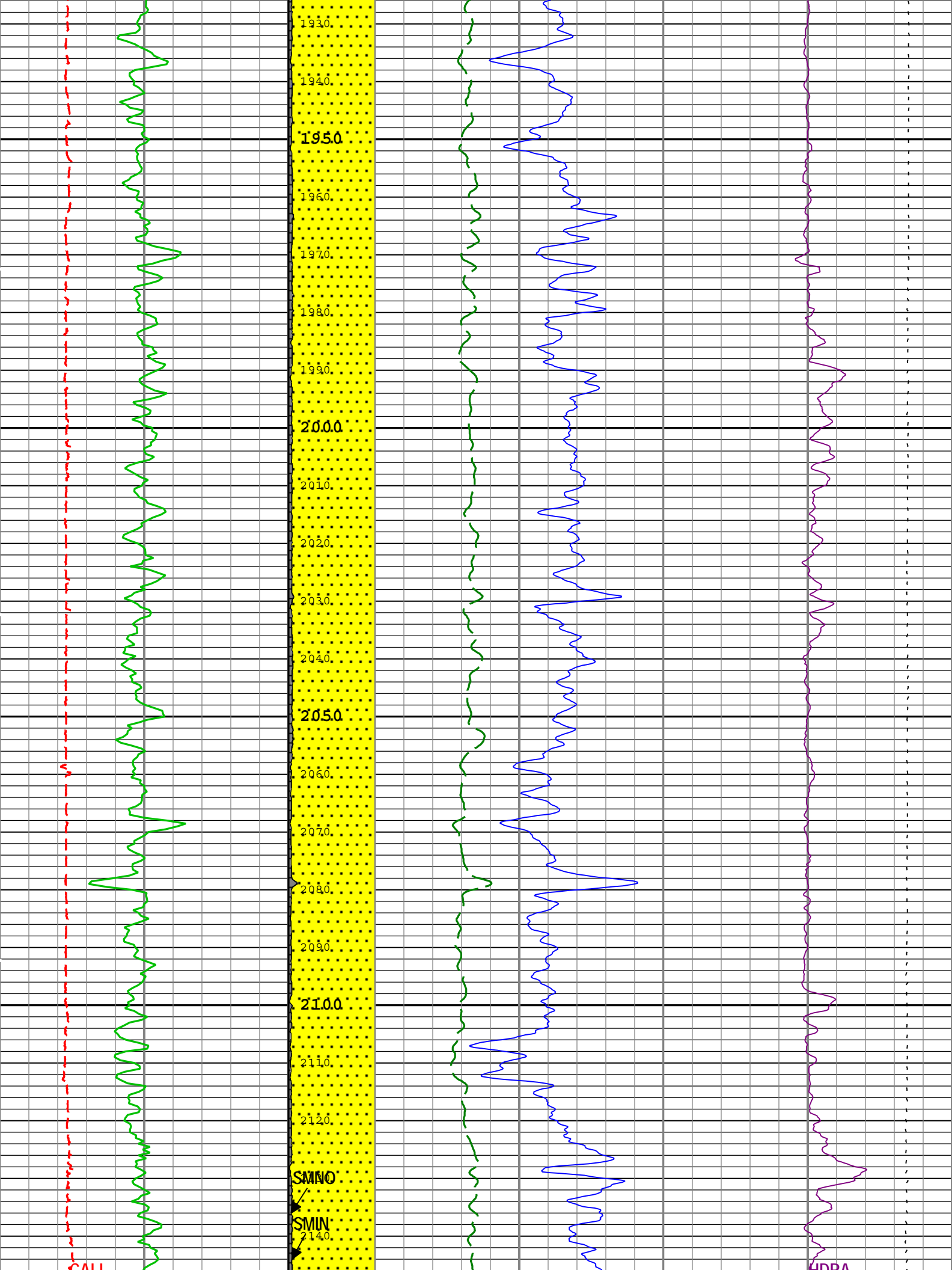


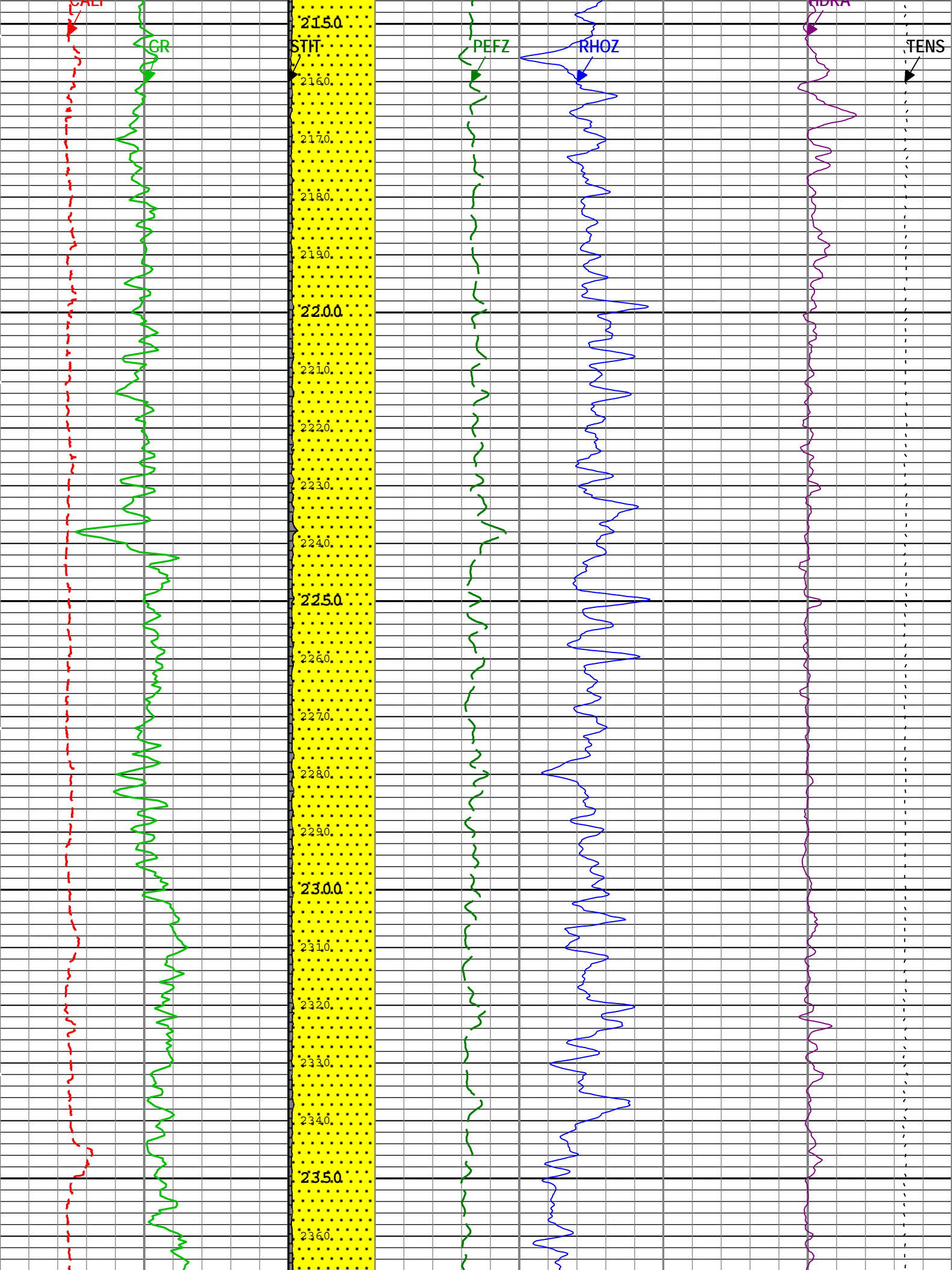


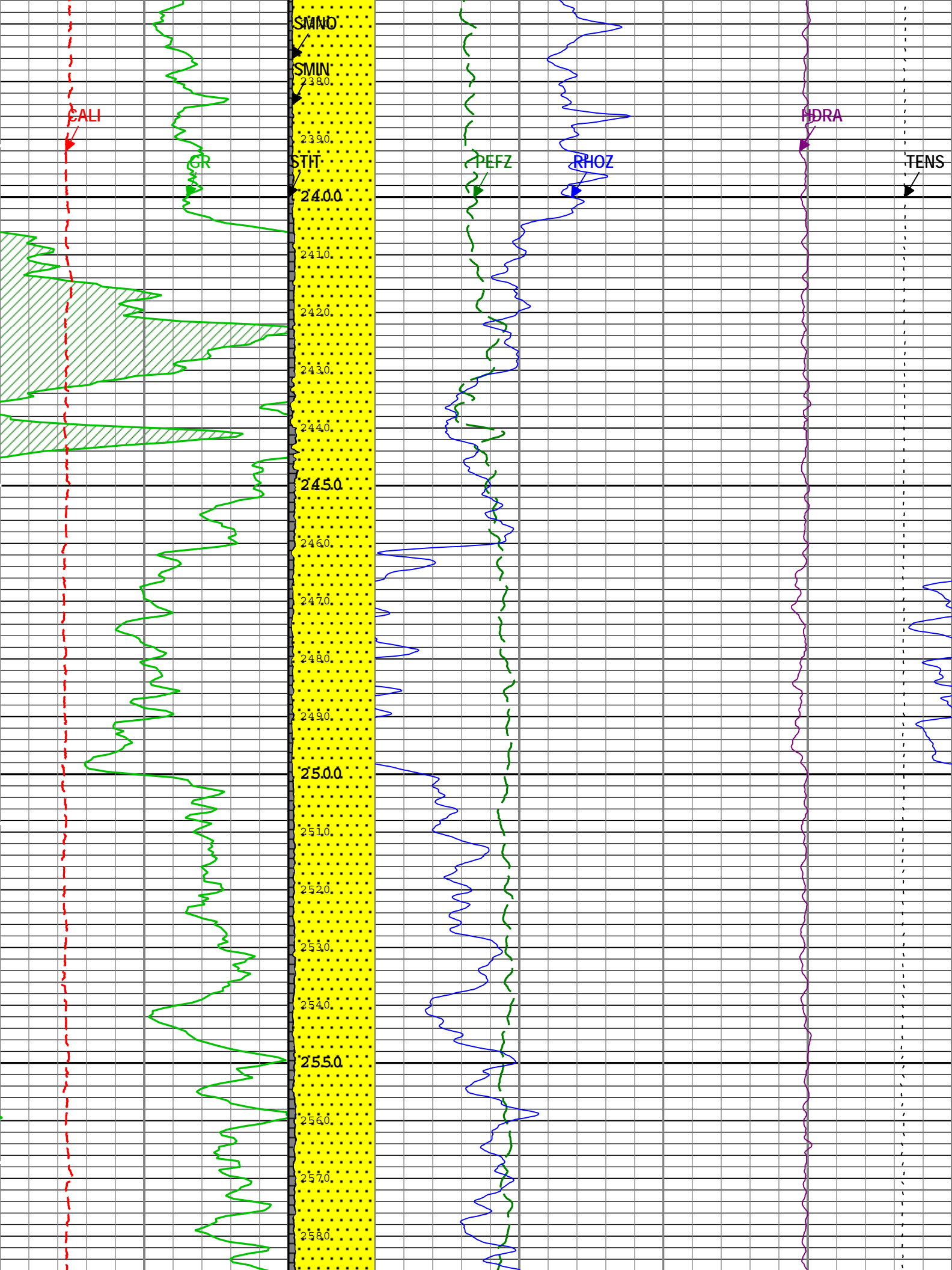


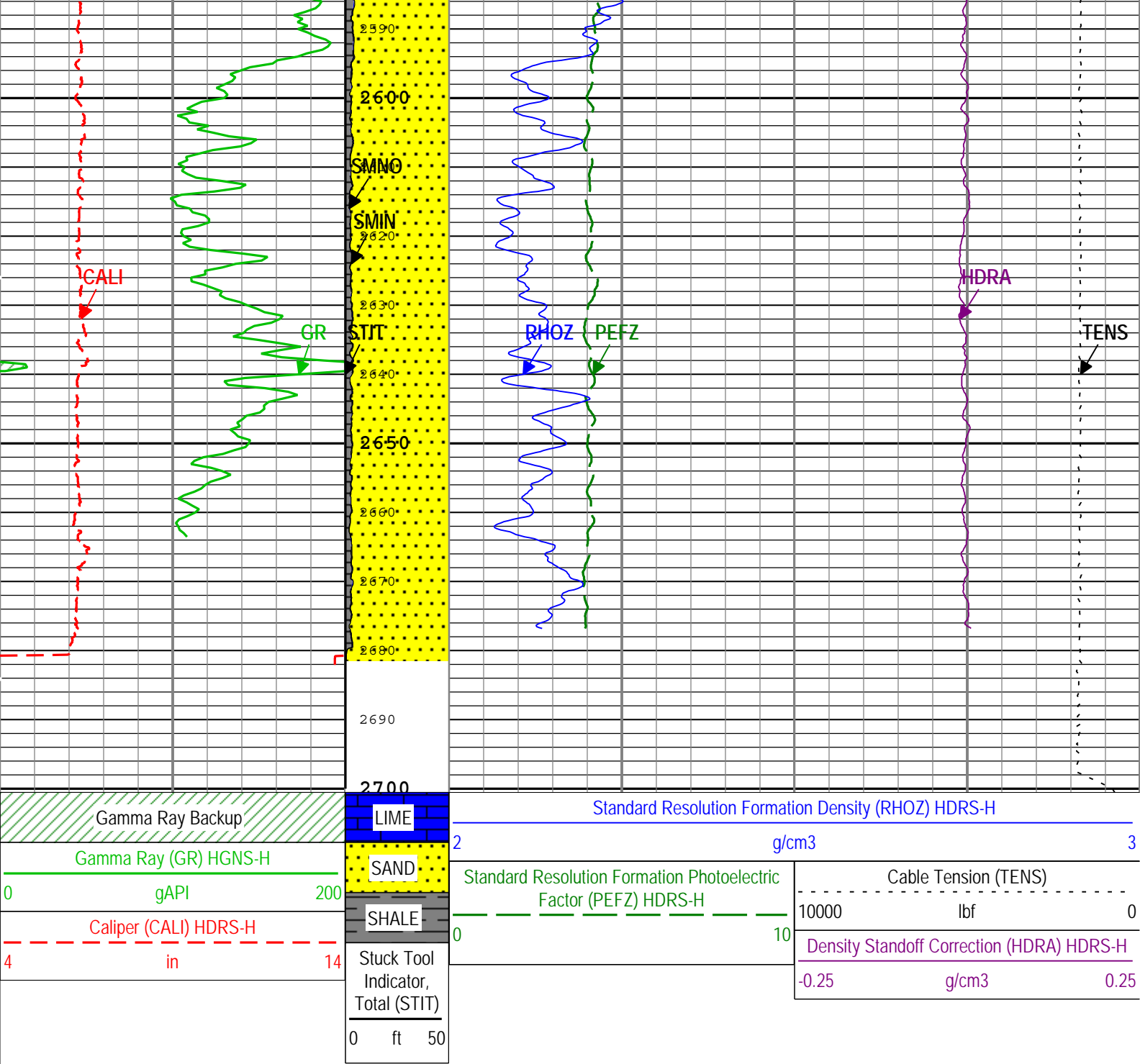












TIME\_1900 - Time Marked every 60.00 (s)

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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	WLSESSION	6.25	in
CALI_SHIFT	CALI Supplementary Offset	HDRS-H	0.075	in
CBLO	Casing Bottom (Logger)	WLSESSION	495	ft
CDEN	Cement Density	HGNS-H	2	g/cm3
DC_MODE	Depth Correction Mode	DepthCorrection	Real-time	
DFD	Drilling Fluid Density	Borehole	8.5	lbm/gal
DFT	Drilling Fluid Type	Borehole	Water	
DHC	Density Hole Correction	HDRS-H	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	
TD	Total Measured Depth	Borehole	2698	ft

Tool Control Parameters				
Parameter	Description	Tool	Value	Unit
HRGD_BRD_TYPE	HRGD Board Type	HDRS-H	WITH_HET	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	3600	ft/h

Calibration Report

HDRS-H (HILT Density and Rxo Sonde, 150 degC) Calibration - Run ONE				
Primary Equipment :				
	HILT High-Resolution Control Cartridge, 150 degC	HRCC-H		
	HILT Resistivity Gamma-Ray Density Device, 150 degC	HRGD-H	5788	
Auxiliary Equipment :				
	HRDD Backscatter Detector	Backscatter	26961	
	HRDD Long Spacing Detector	Long Spacing		
	HRDD Short Spacing Detector	Short Spacing		
	Cesium 137 Gamma-Ray Logging Source	GSR-J	5416	
	HILT High-Resolution Control Cartridge, 150 degC	HRCC-H		
	HILT High-Resolution Mechanical Sonde, 150 degC	HRMS-H		
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):		14:33:14 07-Dec-2014   Expired by 1 days					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Small Ring	in	Before	8.00	6.00	7.51	10.00	
Large Ring	in	Before	12.00	9.00	11.76	15.00	

HDRS Density Calibration - Inversion Results							
Master (EEPROM):		20:27:56 23-Nov-2014					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Rho Aluminum	g/cm3	Master	2.596	2.586	2.601	2.606	
Rho Magnesium	g/cm3	Master	1.686	1.676	1.687	1.696	
Pe Aluminum		Master	2.570	2.470	2.551	2.670	
Pe Magnesium		Master	2.650	2.550	2.618	2.750	

HDRS Density Calibration - Deviation Summary							
Master (EEPROM):		20:27:56 23-Nov-2014					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS Average Deviation	%	Master	0	-0.6000	0.5423	0.6000	
BS Max Deviation	%	Master	0	-1.6000	1.2077	1.6000	
SS Average Deviation	%	Master	0	-1.0000	0.3823	1.0000	
SS Max Deviation	%	Master	0	-2.5000	1.8875	2.5000	
LS Average Deviation	%	Master	0	-1.5000	0.6426	1.5000	
LS Max Deviation	%	Master	0	-3.5000	1.9918	3.5000	

HDRS Density Calibration - Background Summary							
Master (EEPROM):		20:27:56 23-Nov-2014		Before (Measured): 14:39:03 07-Dec-2014   Expired by 1 days			
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS Window Ratio		Master	1.0000		0.7470		
		Before	0.7470	0.7097	0.7478	0.7844	
		Before-Master	-----	-----	0.0008	-----	
BS Window Sum	1/s	Master	1		24968		
		Before	24968	23719	24944	26216	
		Before-Master	-----	-----	-24	-----	
SS Window Ratio		Master	1.0000		0.4888		
		Before	0.4888	0.4844	0.4888	0.5122	
		Before-Master	-----	-----	0.0044	-----	



		Before	0.4888	0.4644	0.4906	0.5133	
		Before-Master	-----	-----	0.0018	-----	
SS Window Sum	1/s	Master	1		11963		
		Before	11963	11365	11907	12562	
		Before-Master	-----	-----	-56	-----	
LS Window Ratio		Master	1.0000		0.2999		
		Before	0.2999	0.2850	0.3017	0.3149	
		Before-Master	-----	-----	0.0018	-----	
LS Window Sum	1/s	Master	1		1352		
		Before	1352	1285	1342	1420	
		Before-Master	-----	-----	-10	-----	

## HDRS Density Calibration - Photo-multiplier High Voltages

Master (EEPROM):		20:27:56 23-Nov-2014		Before (Measured):		14:39:03 07-Dec-2014 Expired by 1 days	
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS PM High Voltage	V	Master		1000	1521	2400	
		Before		1000	1514	2400	
		Before-Master	-----	-100	-7	100	
SS PM High Voltage	V	Master		1000	1897	2400	
		Before		1000	1896	2400	
		Before-Master	-----	-100	-1	100	
LS PM High Voltage	V	Master		1000	1263	2400	
		Before		1000	1266	2400	
		Before-Master	-----	-100	3	100	

## HDRS Density Calibration - Crystal Quality Resolutions

Master (EEPROM):		20:27:56 23-Nov-2014		Before (Measured):		14:39:03 07-Dec-2014 Expired by 1 days	
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS Crystal Resolution	%	Master		5.00	10.97	25.00	
		Before		5.00	10.87	25.00	
		Before-Master	-----	-1.00	-0.10	1.00	
SS Crystal Resolution	%	Master		5.00	9.79	20.00	
		Before		5.00	9.82	20.00	
		Before-Master	-----	-1.00	0.03	1.00	
LS Crystal Resolution	%	Master		5.00	8.36	20.00	
		Before		5.00	8.34	20.00	
		Before-Master	-----	-1.00	-0.02	1.00	

## HDRS MCFL Calibration - MCFL Accumulations

Before (Measured):		13:27:22 09-Dec-2014					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Main Resistivity	ohm.m	Before	3875	3565	3889	4185	
Deep Resistivity	ohm.m	Before	3830	3524	3824	4136	
Shallow Resistivity	ohm.m	Before	3830	3524	3847	4136	

## HGNS-H (HILT Gamma-Ray and Neutron Sonde, 150 degC) Calibration - Run ONE

Primary Equipment :			
HILT Gamma-Ray and Neutron Sonde, 150 degC		HGNS-H	
Auxiliary Equipment :			
HGNS Accelerometer, 150 degC		HACCZ-H	3616
Calibration Parameter :			
Water Temperature (Calibration Tank Water Temperature)		69.8	
Housing Size (Thermal Housing Size)		3.37	
JIG-BKG (Jig minus background reference)		165	

## HGNS Accelerometer Calibration - Accelerometer Accumulations

Before (Measured):		13:22:04 09-Dec-2014					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
AZ Vertical Measurement	ft/s2	Before	32.2	31.5	32.1	32.8	

## HGNS Accelerometer EEPROM - Accelerometer EEPROM Read

Master (EEPROM):		00:00:00 15-Feb-2005					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Accelerometer Manufacturer		Master			QAT_160		

Accelerometer Reference Temperature	degF	Master		30.2	77.0	122.0	
Accelerometer Coefficients - 0		Master	-----	-----	-2323.000	-----	
Accelerometer Coefficients - 1		Master	-----	-----	2.895	-----	
Accelerometer Coefficients - 2		Master	-----	-----	0.001	-----	
Accelerometer Coefficients - 3		Master	-----	-----	0.000	-----	
Accelerometer Coefficients - 4		Master	-----	-----	2.764	-----	
Accelerometer Coefficients - 5		Master	-----	-----	0.000	-----	
Accelerometer Coefficients - 6		Master	-----	-----	0.000	-----	
Accelerometer Coefficients - 7		Master	-----	-----	0.000	-----	
Accelerometer Coefficients - 8		Master	-----	-----	298.500	-----	
Accelerometer Coefficients - 9		Master	-----	-----	1.009	-----	

### HGNS Neutron Calibration - HGNS Neutron Accumulations

Master (EEPROM):		16:20:48 22-Oct-2014		Before (Measured):		14:32:11 07-Dec-2014 Expired by 1 days	
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Near Zero Measurement	1/s	Master	0	5.0	28.0	40.0	
		Before	0	5.0	27.2	40.0	
		Before-Master	----	-4.2	-0.8	4.2	
Far Zero Measurement	1/s	Master	0	5.0	27.3	40.0	
		Before	0	5.0	26.9	40.0	
		Before-Master	----	-4.1	-0.4	4.1	
Near Plus Measurement	1/s	Master	6031.0	4700.0	5698.0	6900.0	
		Before	----	----	----	----	
		Before-Master	----	----	----	----	
Far Plus Measurement	1/s	Master	2793.0	1900.0	2348.0	2900.0	
		Before	----	----	----	----	
		Before-Master	----	----	----	----	
Near Corrected Plus Measurement	1/s	Master		4700.0	5673.0	6900.0	
		Before	----	----	----	----	
		Before-Master	----	----	----	----	
Far Corrected Plus Measurement	1/s	Master		1900.0	2321.0	2900.0	
		Before	----	----	----	----	
		Before-Master	----	----	----	----	

### HGNS Gamma-Ray Calibration - Gamma-Ray Accumulations

Before (Measured):		14:31:24 07-Dec-2014 Expired by 1 days						
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit		
RGR Zero Measurement	gAPI	Before	30.0	0	74.4	120.0		
RGR Plus Measurement	gAPI	Before	185.4	157.1	174.3	206.3		
GR Calibration Gain		Before	0.89	0.80	0.95	1.05		

Company: Omimex Petroleum Inc

**Schlumberger**

Well: Sagehorn 14-34-6-45

Field: Ballyneal

County: Phillips

State: Colorado

Platform Express

Plutonium Express

Compensated Neutron Log

LithoDensity