

Company: Bayswater Exploration and Production

Well: Badger Creek 22 32B

Field: Badger Creek

County: Adams State: Colorado

Platform Express

Triple Combo

Linear

County: Adams  
Field: Badger Creek  
Location: SHL: SWNE 1738' FNL & 2232' FEL  
Well: Badger Creek 22 32B  
Company: Bayswater Exploration and Production

Location:			
SHL: SWNE 1738' FNL & 2232' FEL Section 22, Township 2S, Range 57W Lat: 39.866164, Long: -103.750266		Elev.:	K.B. 4670.00 ft G.L. 4658.00 ft D.F. 4669.00 ft
Permanent Datum:	Ground Level	Elev.:	4658.00 f
Log Measured From:	Kelly Bushing	12.00 ft	above Perm.Datum
Drilling Measured From:	Kelly Bushing		
API Serial No.	Section:	Township:	Range:
05-001-09766-00	22	2S	57W

Logging Date			23-Nov-2013			
Run Number			Run 1			
Depth Driller			5525.00 ft			
Schlumberger Depth			5526.00 ft			
Bottom Log Interval			5526.00 ft			
Top Log Interval			320.00 ft			
Casing Driller Size @ Depth			8.625 in @ 315.00 ft			
Casing Schlumberger			320 ft			
Bit Size			7.875 in			
Type Fluid In Hole			Fresh Water			
MUD	Density	Viscosity	9.1 lbm/gal	39 s		
	Fluid Loss	PH	8 cm3	9.5		
	Source of Sample					
	RM @ Meas Temp		0.4 ohm.m @ 70 degF			
RMF @ Meas Temp			0.3 ohm.m @ 70 degF			
RMC @ Meas Temp			0.5 ohm.m @ 70 degF			
Source RMF		RMC	Calculated	Calculated		
RM @ BHT		RMF @ BHT	0.2 @ 145	0.15 @ 145		
Max Recorded Temperatures			145 degF			
Circulation Stopped			Time	08:30:00		
Logger on Bottom			Time	23-Nov-2013 12:45:36		
Unit Number	Location:	2135	Fort Morgan, CO			
Recorded By			Max Pace			
Witnessed By			Pete Debenham			

Disclaimer

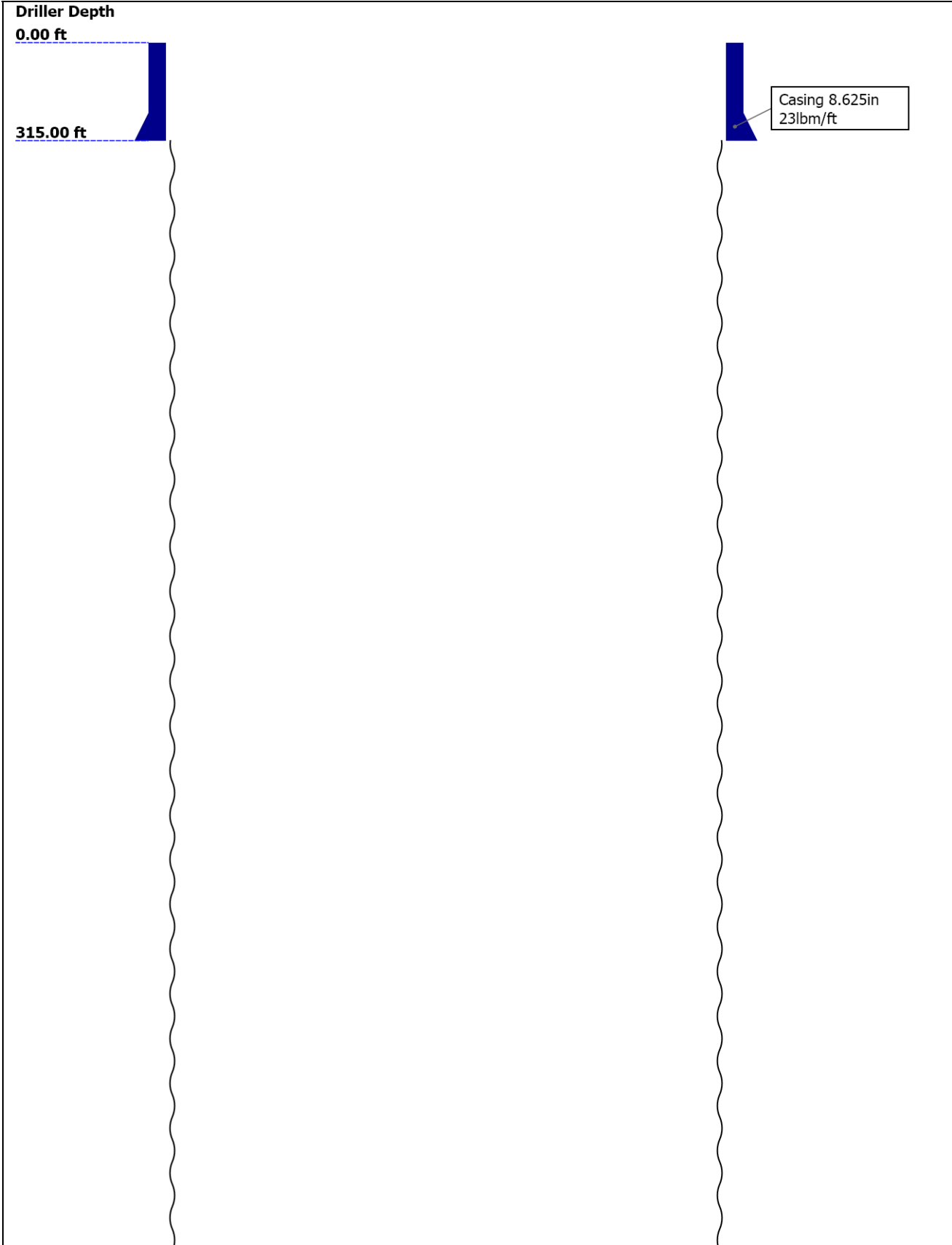
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Well Sketch



5525.00 ft

Open Hole 7.875in

## Borehole Size/Casing/Tubing Record

Bit						
Bit Size ( in )	7.875					
Top Driller ( ft )	315					
Top Logger ( ft )	315					
Bottom Driller ( ft )	5525					
Bottom Logger ( ft )	5526					
Casing						
Size ( in )	8.625					
Weight ( lbm/ft )	23					
Inner Diameter ( in )	8.122					
Grade	N/A					
Top Driller ( ft )	0					
Top Logger ( ft )	0					
Bottom Driller ( ft )	315					
Bottom Logger ( ft )	320					

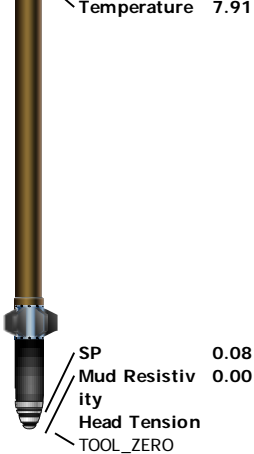
## Borehole Fluids

Parameter( unit )	Run 1					
Fluid Type	Water					
Fluid Name	Fresh Water					
Max Recorded Temperatures ( degF )	145					
Source of Sample	Active Tank					
Salinity ( ppm )	0					
Density ( lbm/gal )	9.1					
Funnel Viscosity ( s )	39					
Fluid Loss ( cm3 )	8					
PH	9.5					
Date/Time Circulation Stopped	23-Nov-2013 08:30:00					
Date Logger on Bottom	23-Nov-2013					
Time Logger on Bottom	12:45:36					
Source RMF	Calculated					
RMC	Calculated					
RM @ Meas Temp ( ohm.m@degF )	0.4 @ 70					
RMF @ Meas Temp ( ohm.m@degF )	0.3 @ 70					

RMC @ Meas Temp ( ohm.m@degF )	0.5 @ 70					
RM @ BHT ( ohm.m@degF )	0.2 @ 145					
RMF @ BHT ( ohm.m@degF )	0.15 @ 145					
RMC @ BHT ( ohm.m@degF )	0.25 @ 145					
Total Solid ( % )	5.8					
High Gravity Solids ( % )						

## Remarks and Equipment Summary

Run 1: Toolstring				Run 1: Remarks
Equip name	Length	MP name	Offset	This is the first run in hole
LEH-QT	43.57			
LEH-QT				
DTC-H	40.65			All Schlumberger depth control procedures followed
ECH-KC				IDW used as primary depth device
DTC-H				Z Chart used as secondary depth reference
				Sandstone matrix (2.65 density) from TD-5160
				Limestone matrix (2.71 density) from 5160 to surface
				Tool string run as per tool sketch
HGNS-H HGNH NSR-F:2554 NPV-N HGNS-H HMCA-H HACCZ-H:6991	37.65	CTEM HV ToolStatus TelStatus Temperature GR	39.75 0.00 37.65 37.65 37.62 36.91	
HDRS-H ECH-MEB HRCC-H HRMS-H Backscatter Long Spacing:287 % GPV-Q Short Spacing HRGD-H:3989 GSR-J:5471	28.24	CNL Porosity HMCA HGNS Acceleromete r HRCC	30.57 28.24 28.24 0.00 24.24	
AIT-H:392 AHIS:392 AHRM:392	16.00	MCFL Caliper TLD Density Power Supply Induction	18.81 18.33 17.94 7.91 7.91	

		Temperature 7.91	
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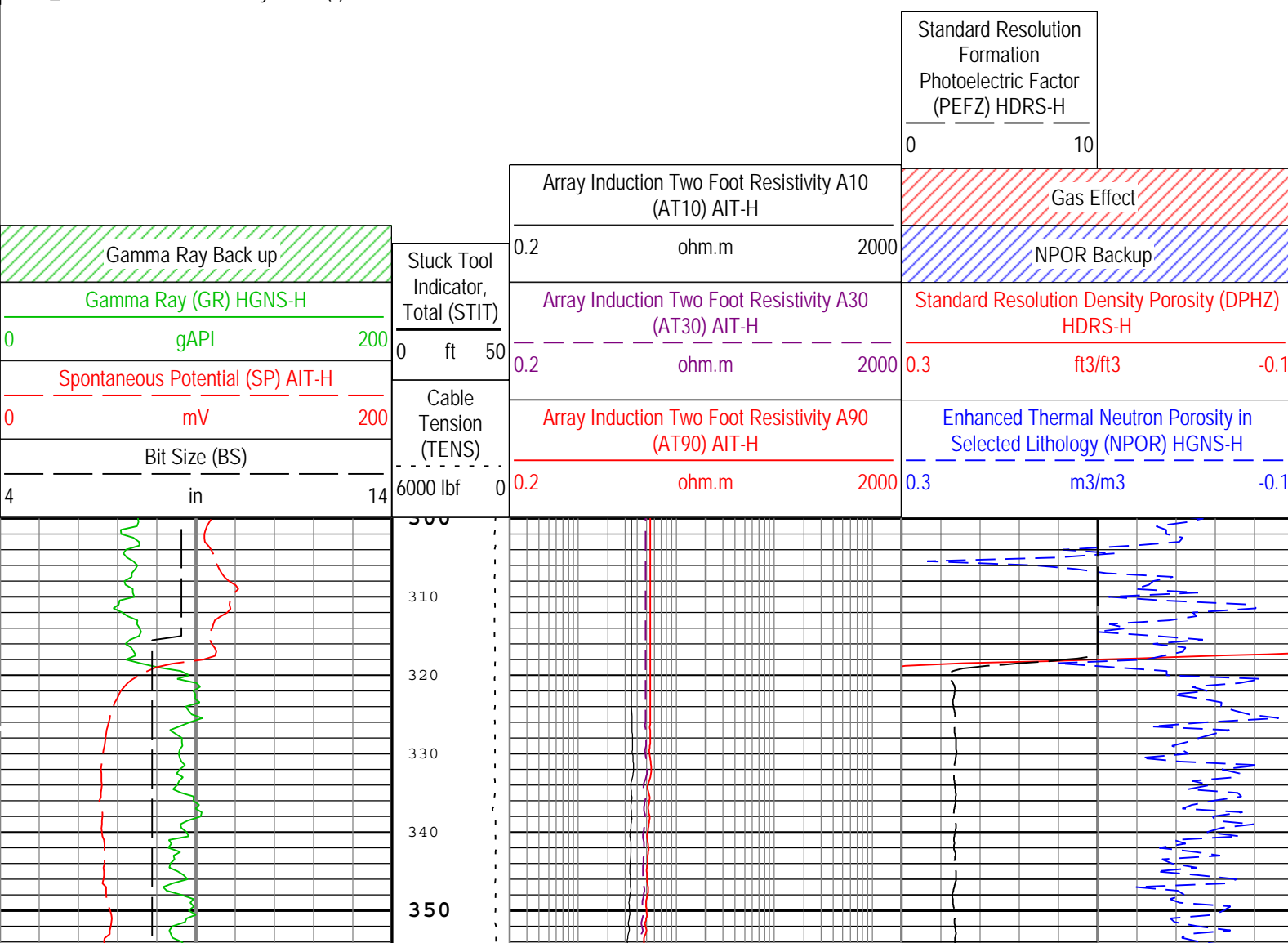
Depth Summary			
		Run 1	
Depth Measuring Device			
Type	IDW-B		
Serial Number			
Calibration Date			
Calibrator Serial Number			
Calibration Cable Type			
Wheel Correction 1	0		
Wheel Correction 2	0		
Tension Device			
Type	CMTD-B/A		
Serial Number			
Calibration Date			
Calibrator Serial Number			
Number of Calibration Points	0		
Logging Cable			
Type	7-46NT-XS		
Serial Number			
Length	24000.00 ft		
Conveyance Type	Wireline		
Rig Type	Land		
Run 1:Depth Control Parameters		Depth Control Remarks	
Log Sequence	First Log In the Well		
Rig Up Length At Surface			
Rig Up Length At Bottom			
Rig Up Length Correction			
Stretch Correction			
Tool Zero Check At Surface			
Run 1			
5" Triple Combo			

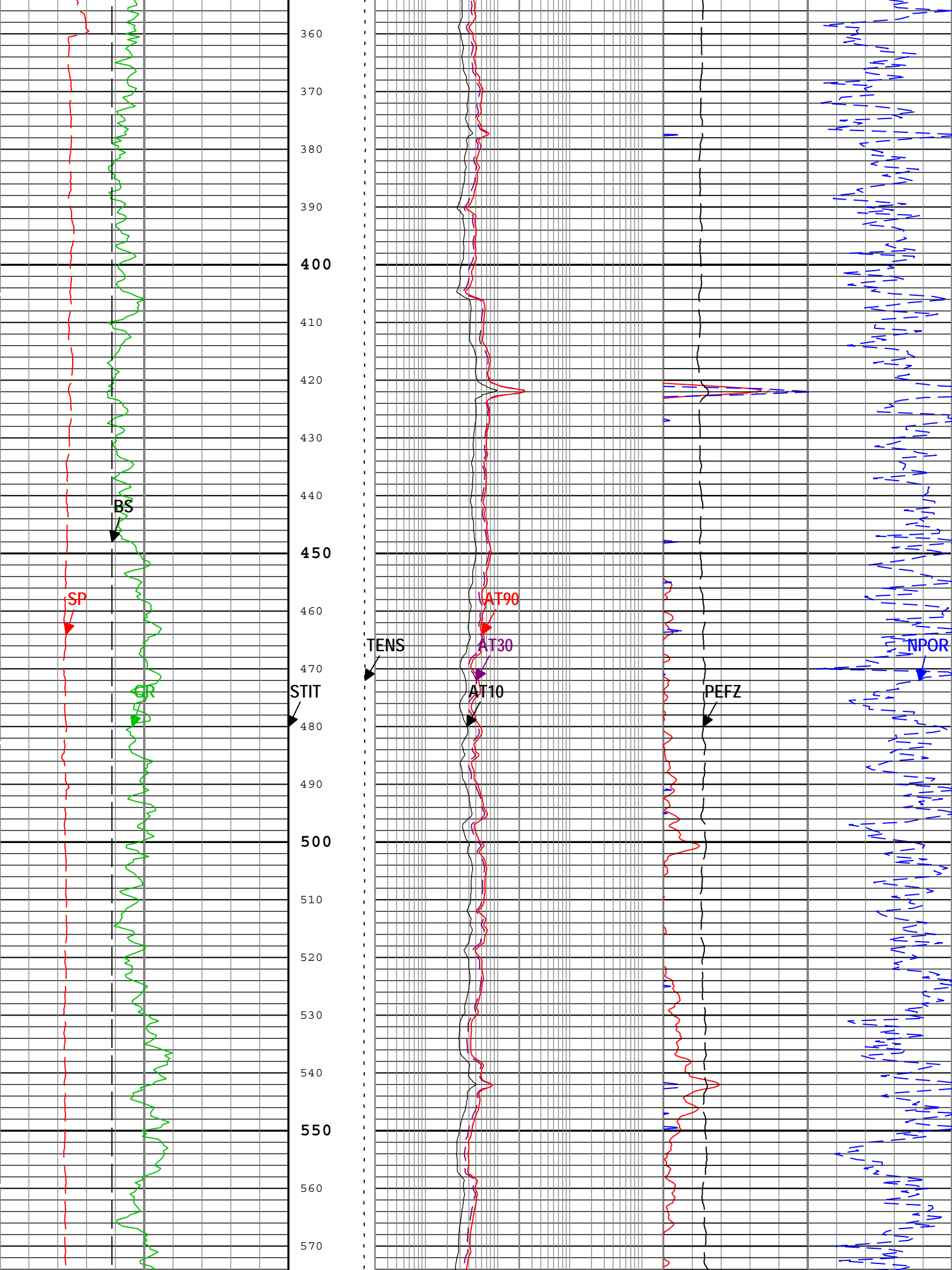
Software Version		
Acquisition System		Version
MaxWell		4.0.9163.3000
Computation	Description	Version
Borehole	Borehole Ensemble provides common Borehole Parameters and Channels	4.0.9125.3000
HENVIR	Computation Ensemble for the HGNS Neutron environmental corrections	4.0.9033.3000

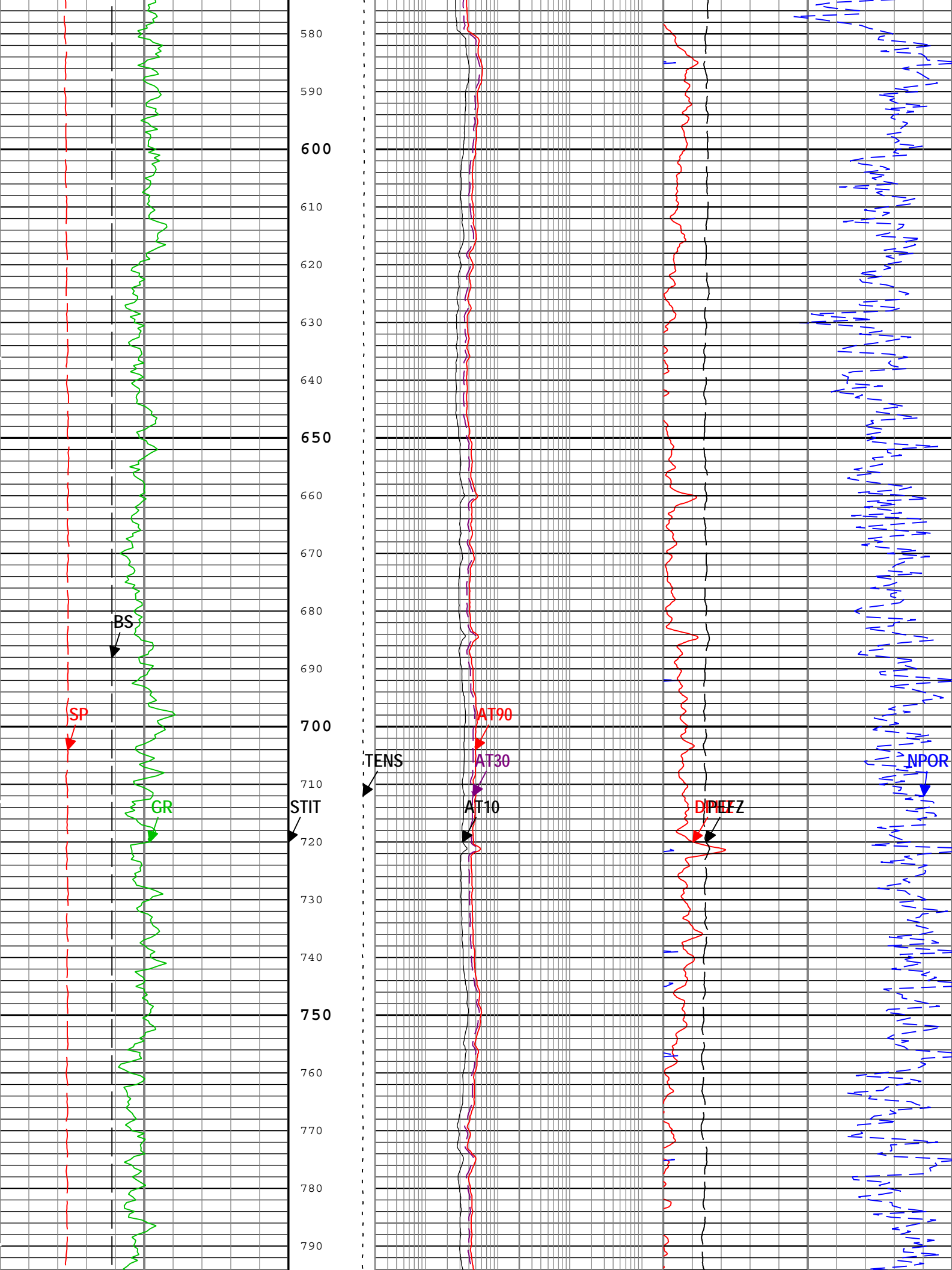
Description: HGNS standard resolution porosities for Platform Express		Format: Log ( EMD 5in Triple Combo )	Index Scale: 5 in per 100 ft	Index Unit: ft
Index Type: Measured Depth	Creation Date: 23-Nov-2013 14:04:39			

Channel	Source	Sampling
AT10	AIT-H:AHIS:AHIS	3in
AT30	AIT-H:AHIS:AHIS	3in
AT90	AIT-H:AHIS:AHIS	3in
BS	Borehole	6in
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
SP	AIT-H:AHIS:AHIS	6in
STIT	DepthCorrection	6in
TENS	WLWorkflow	6in
TIME_1900	WLWorkflow	0.1in

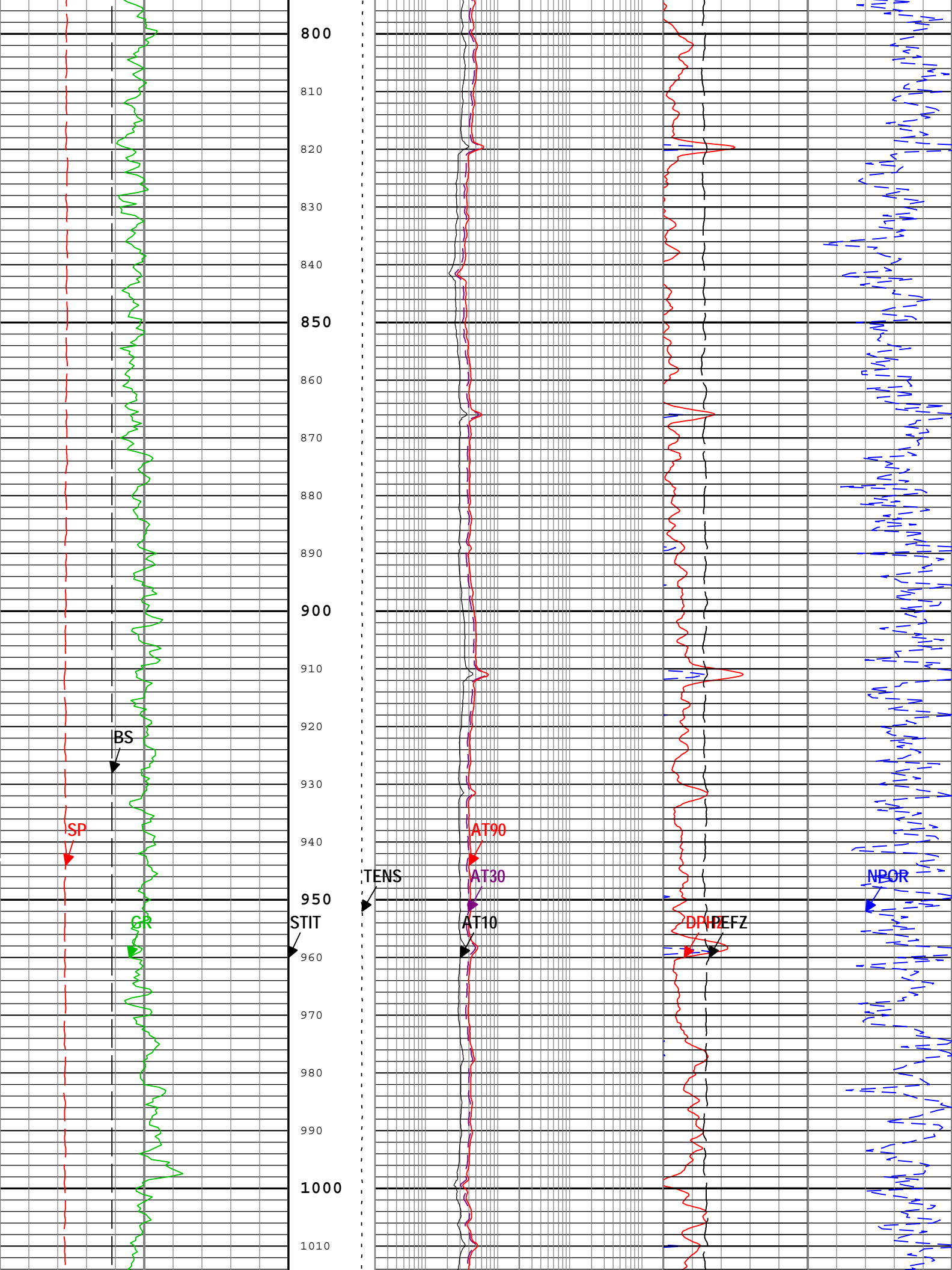
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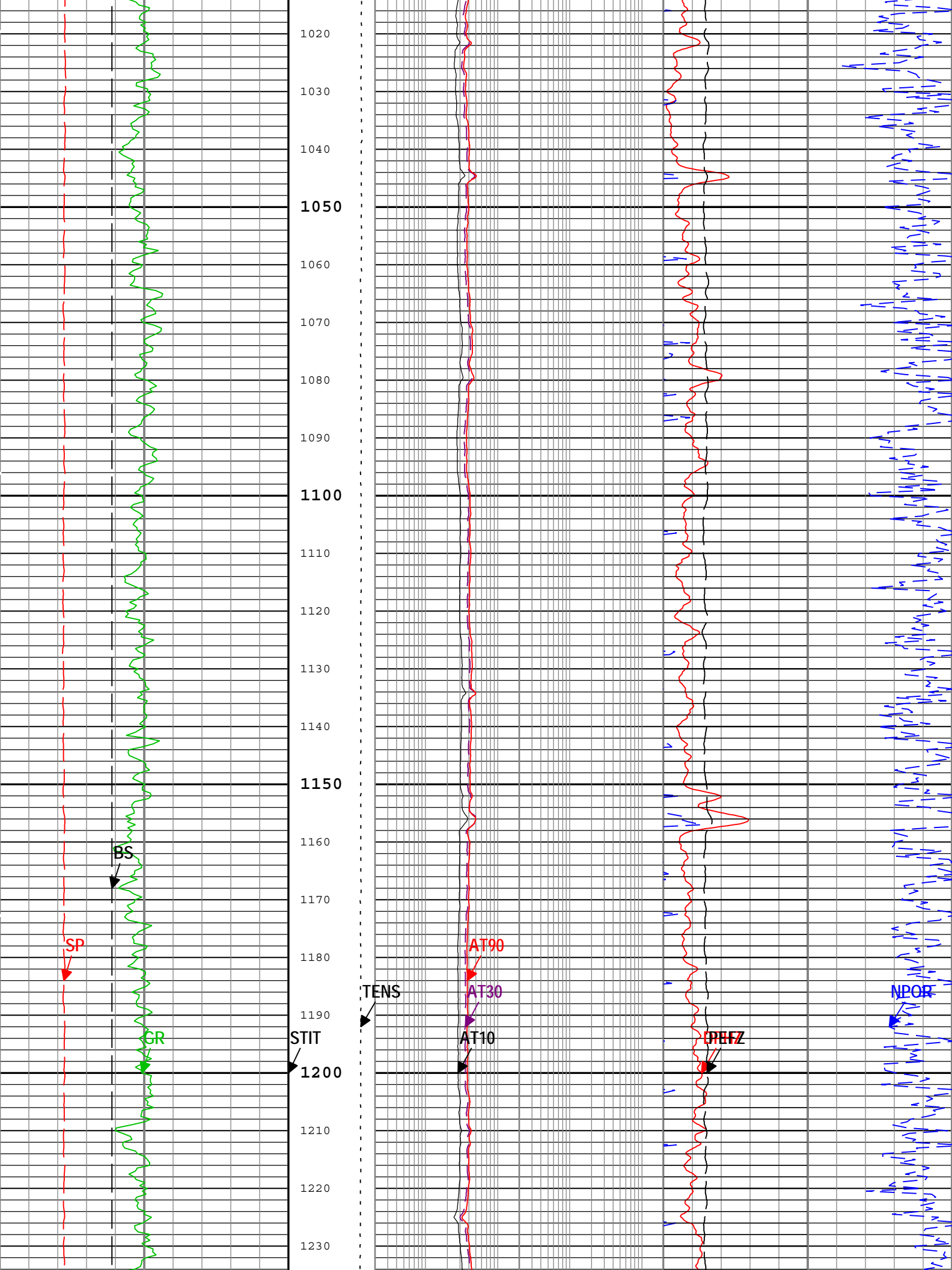


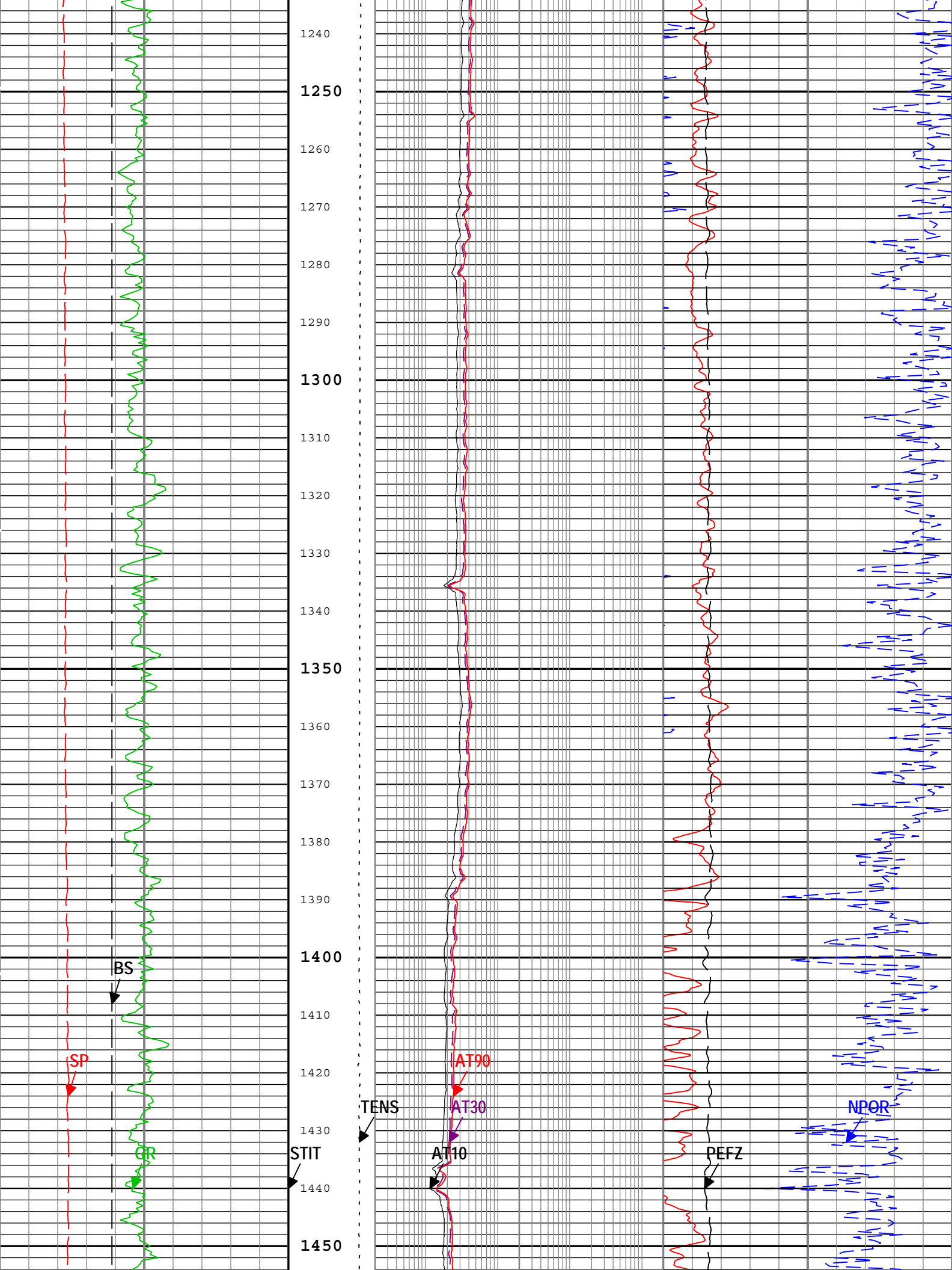


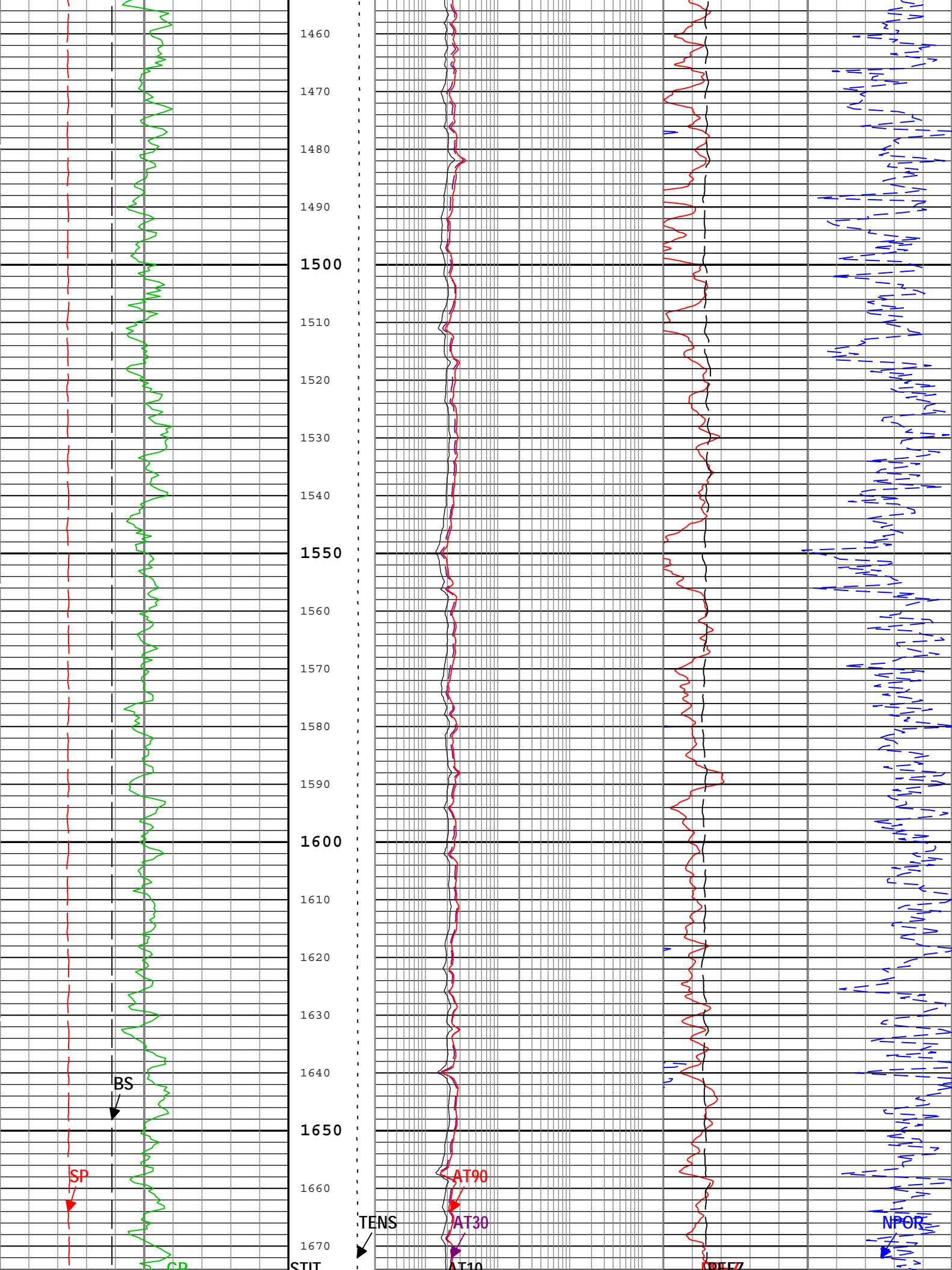


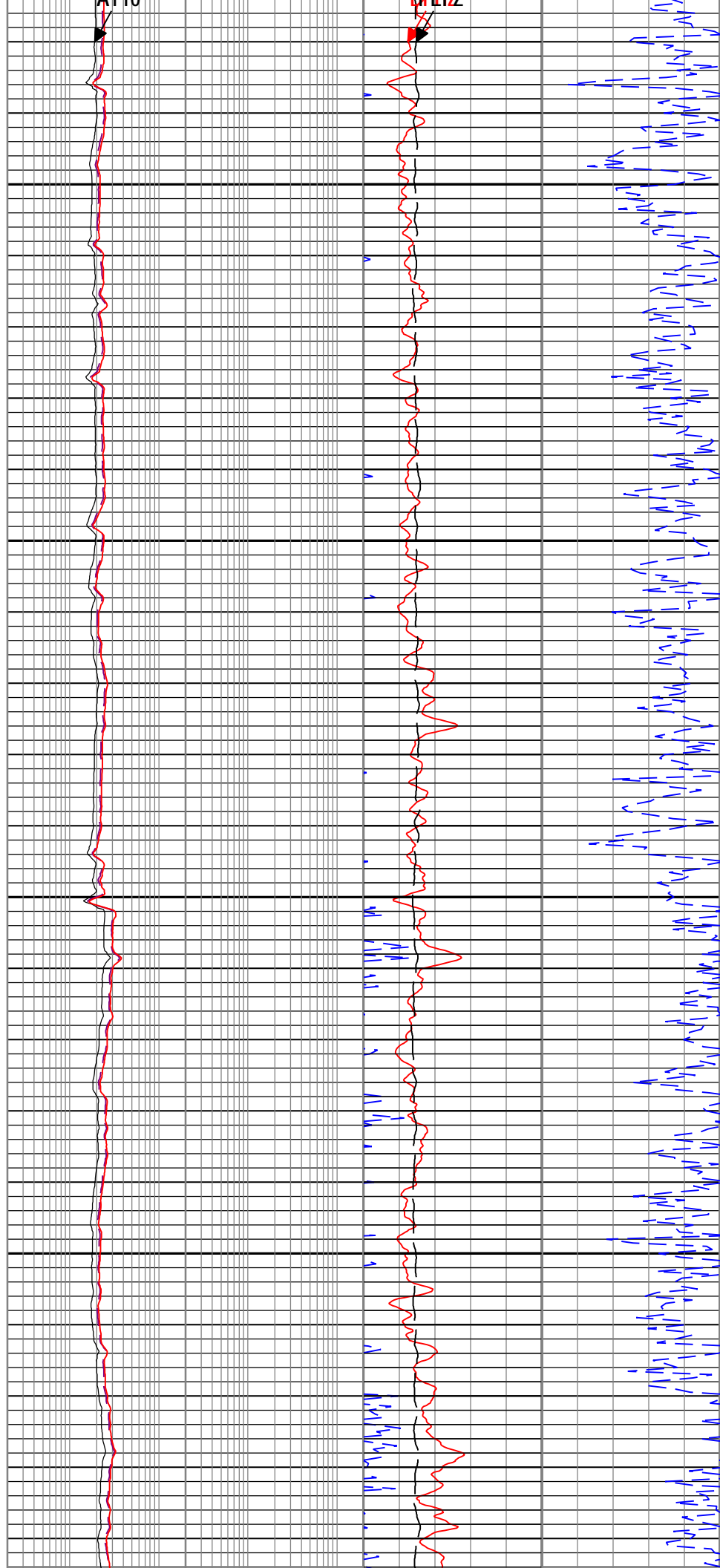
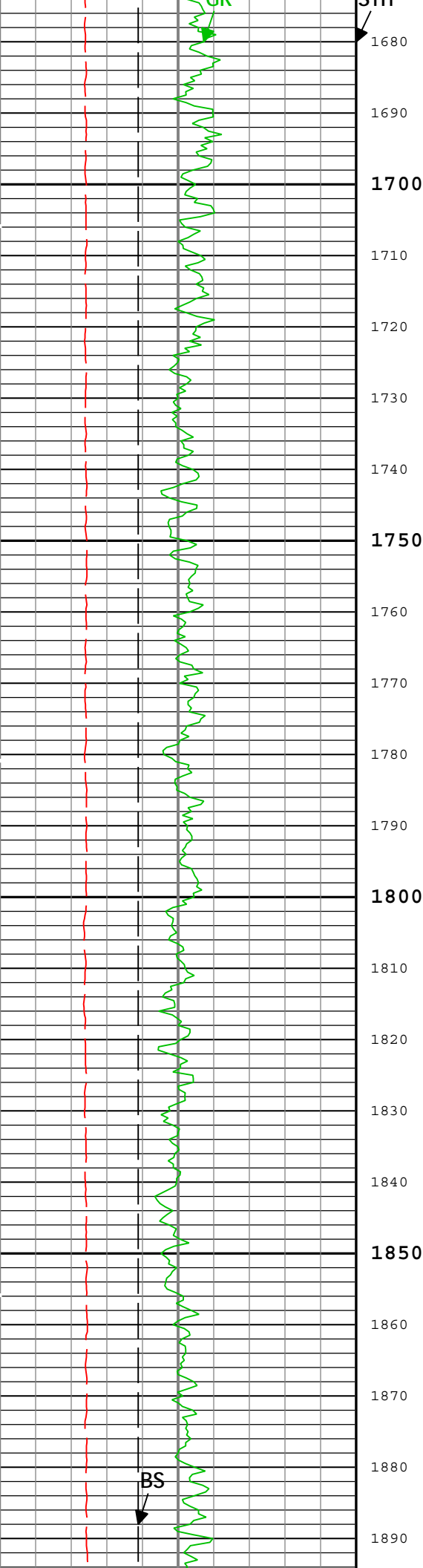


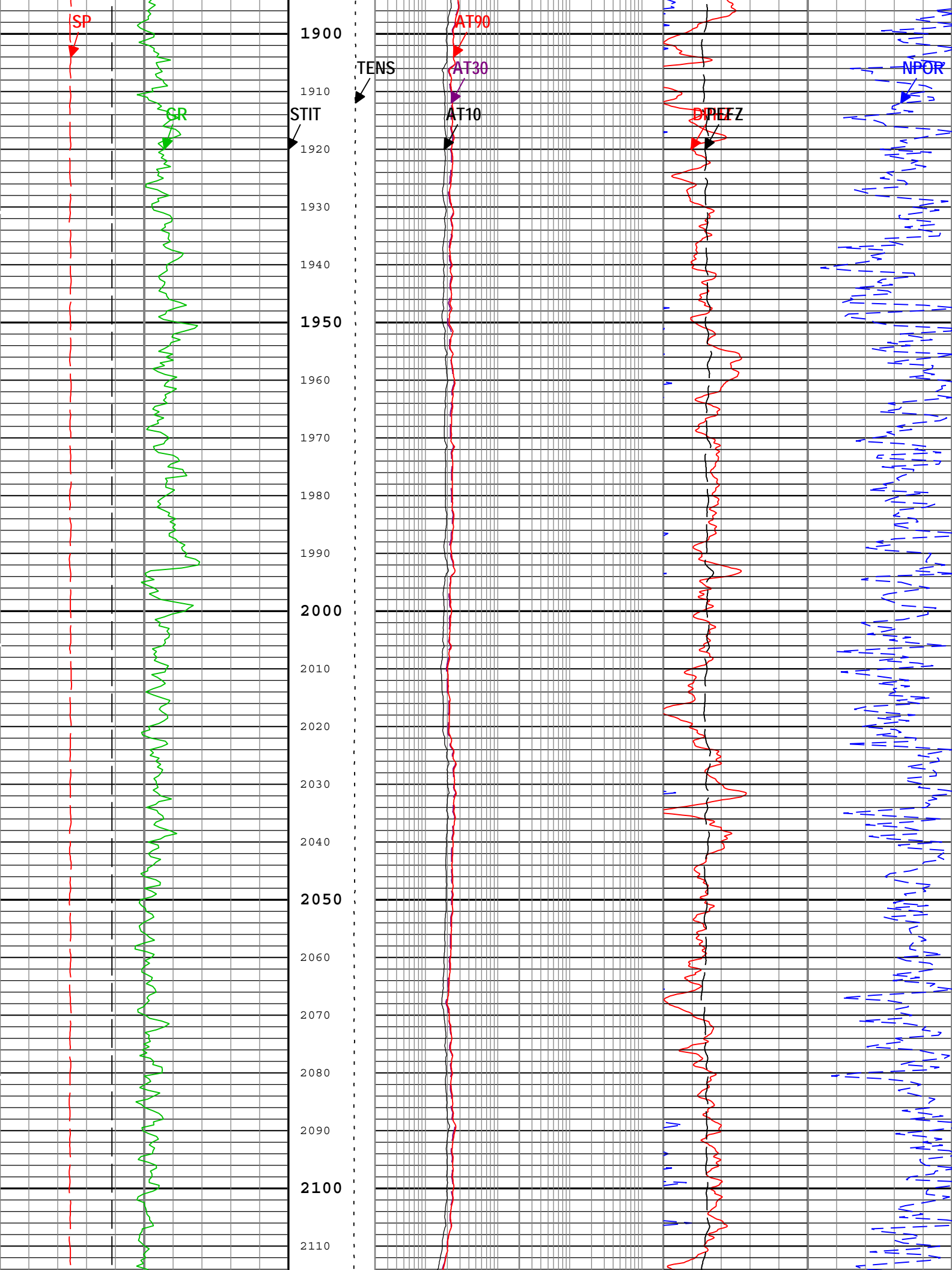


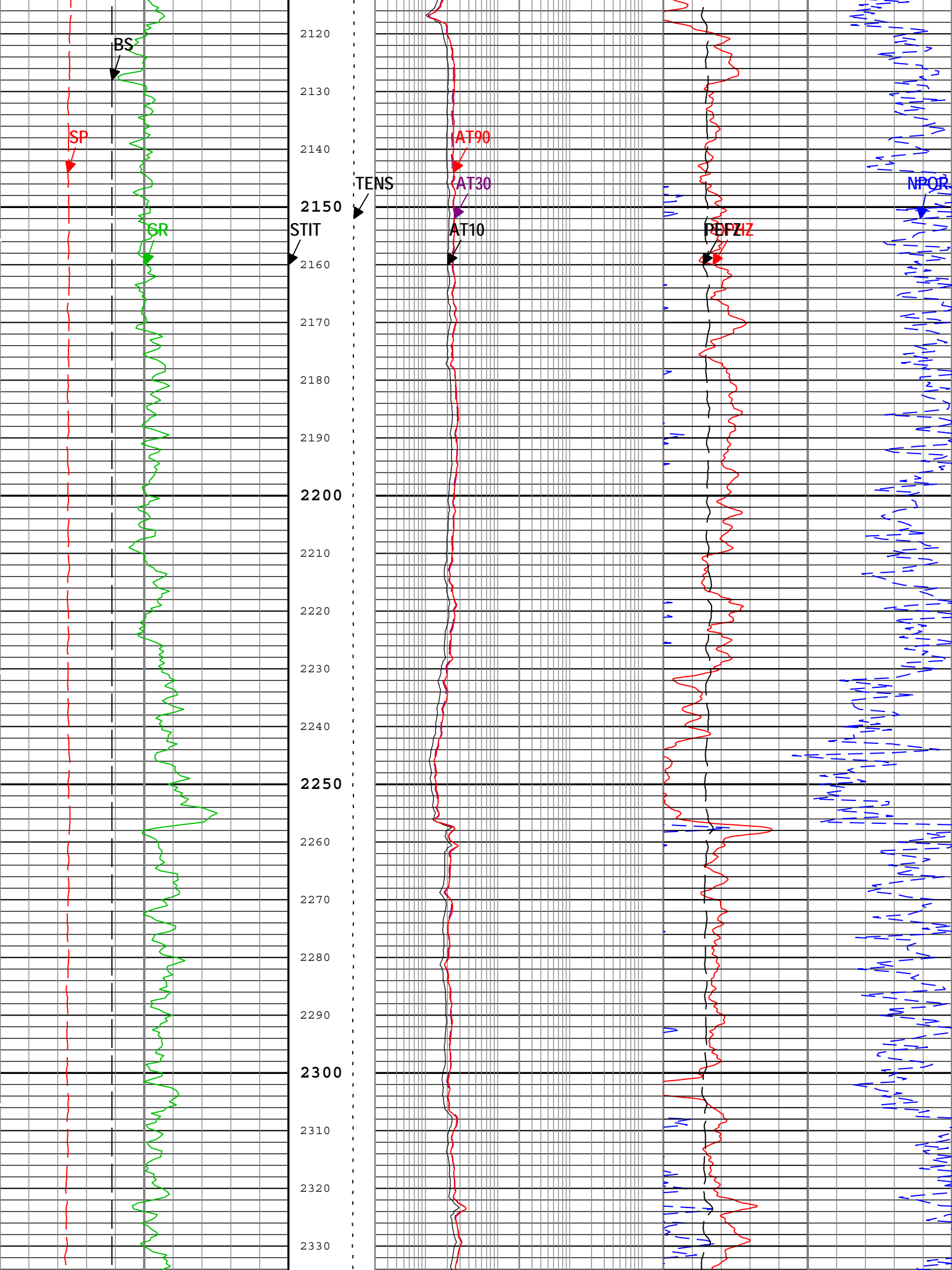


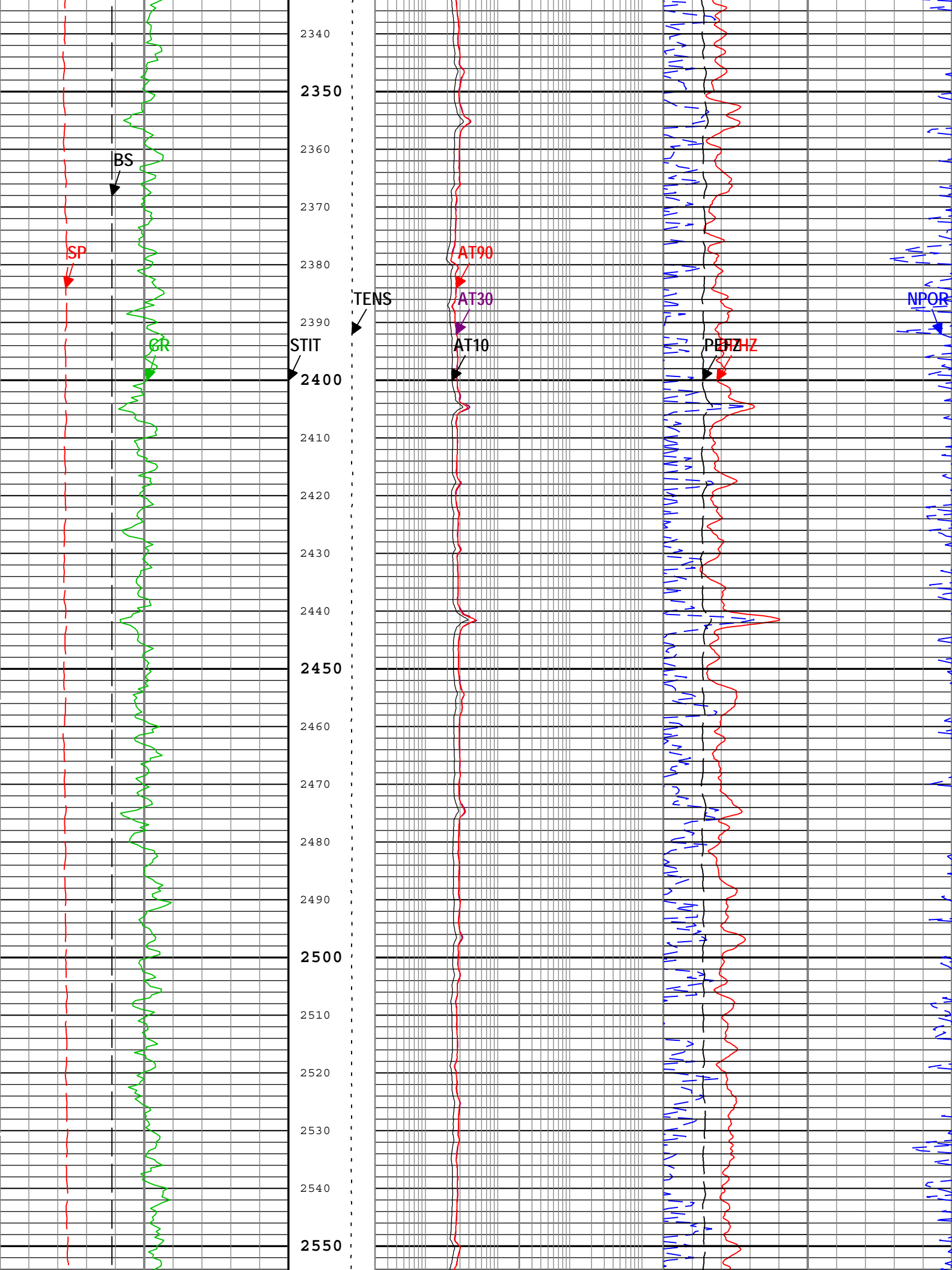




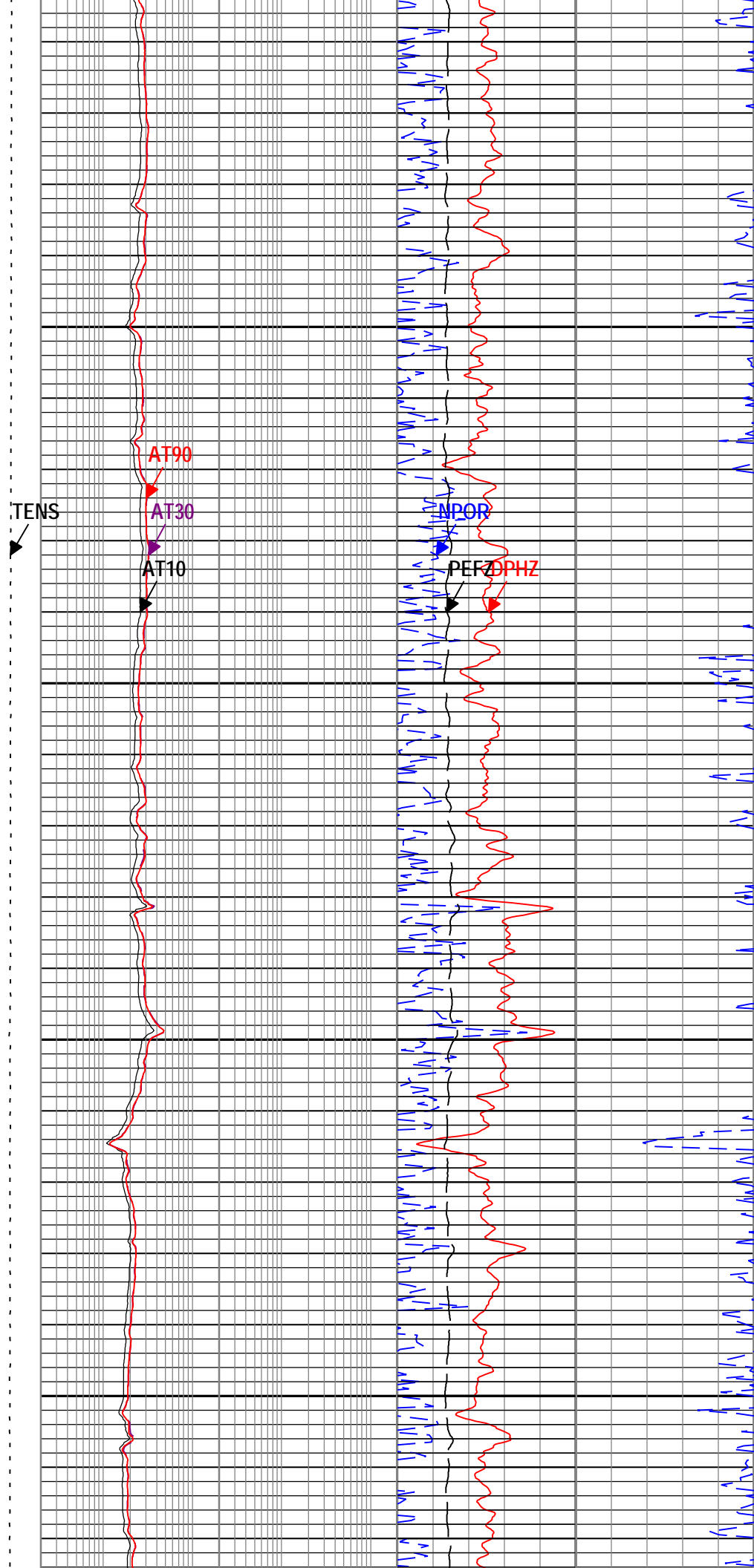
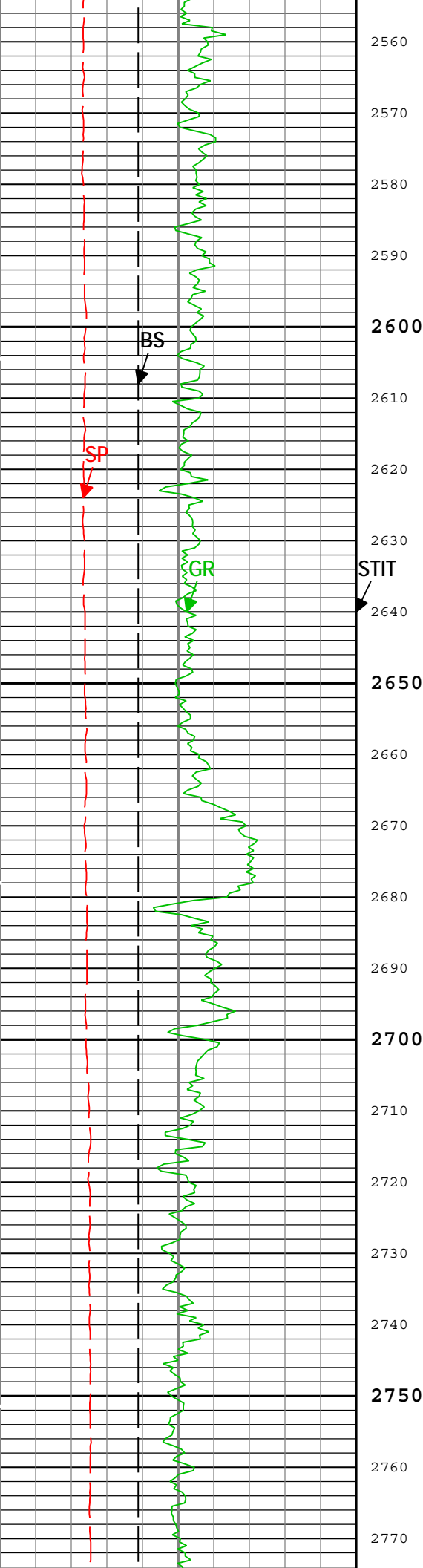


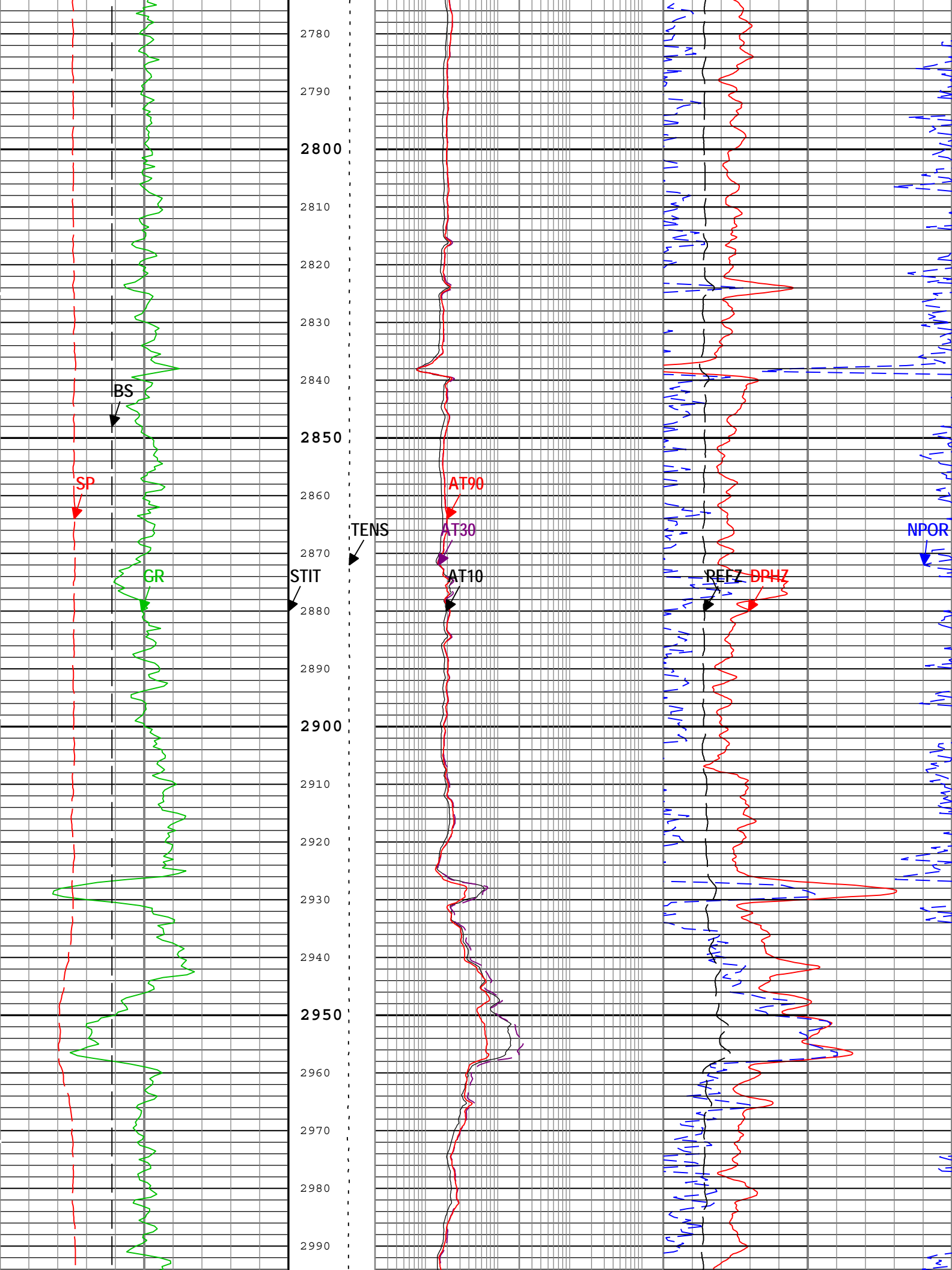


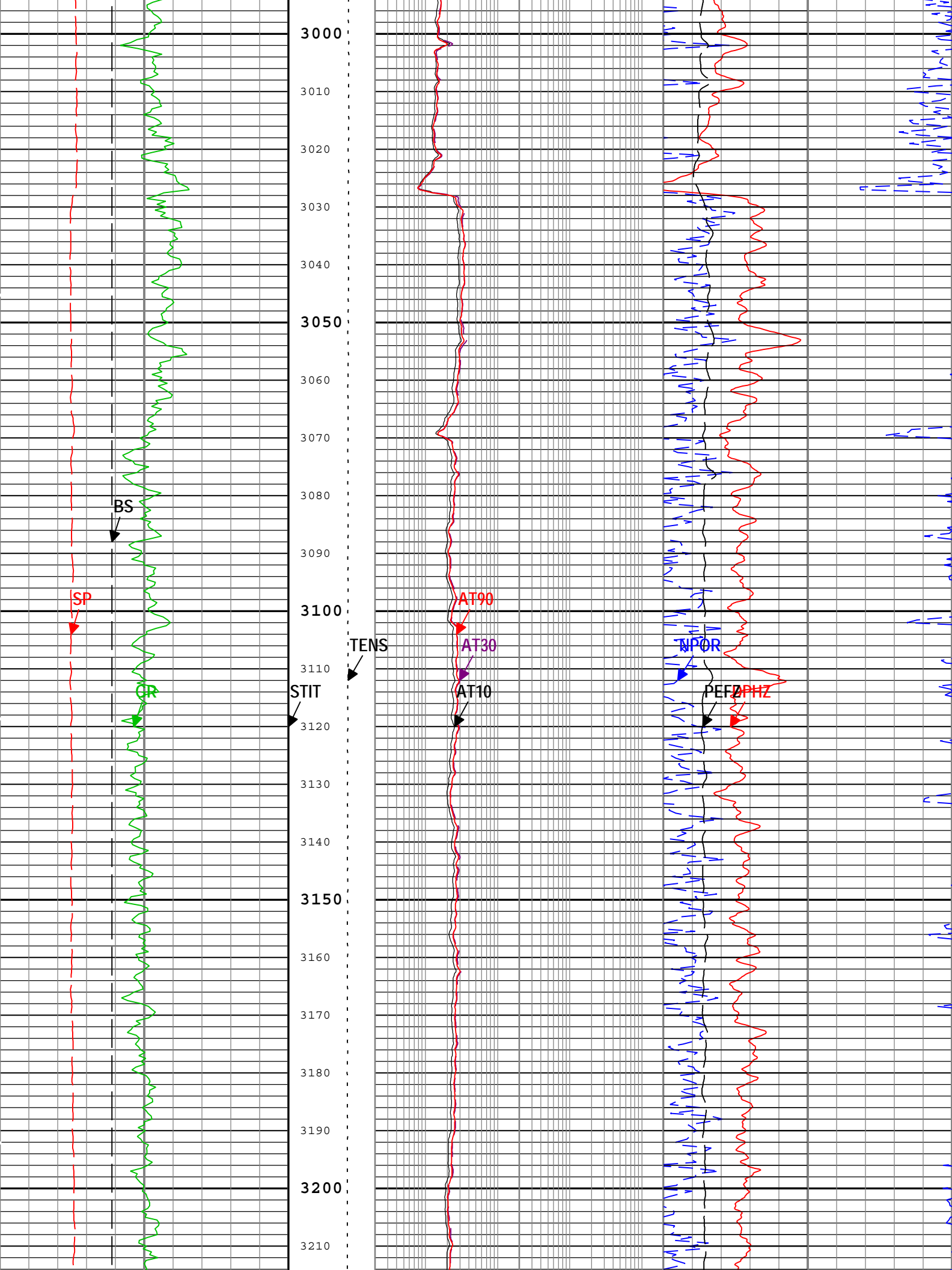


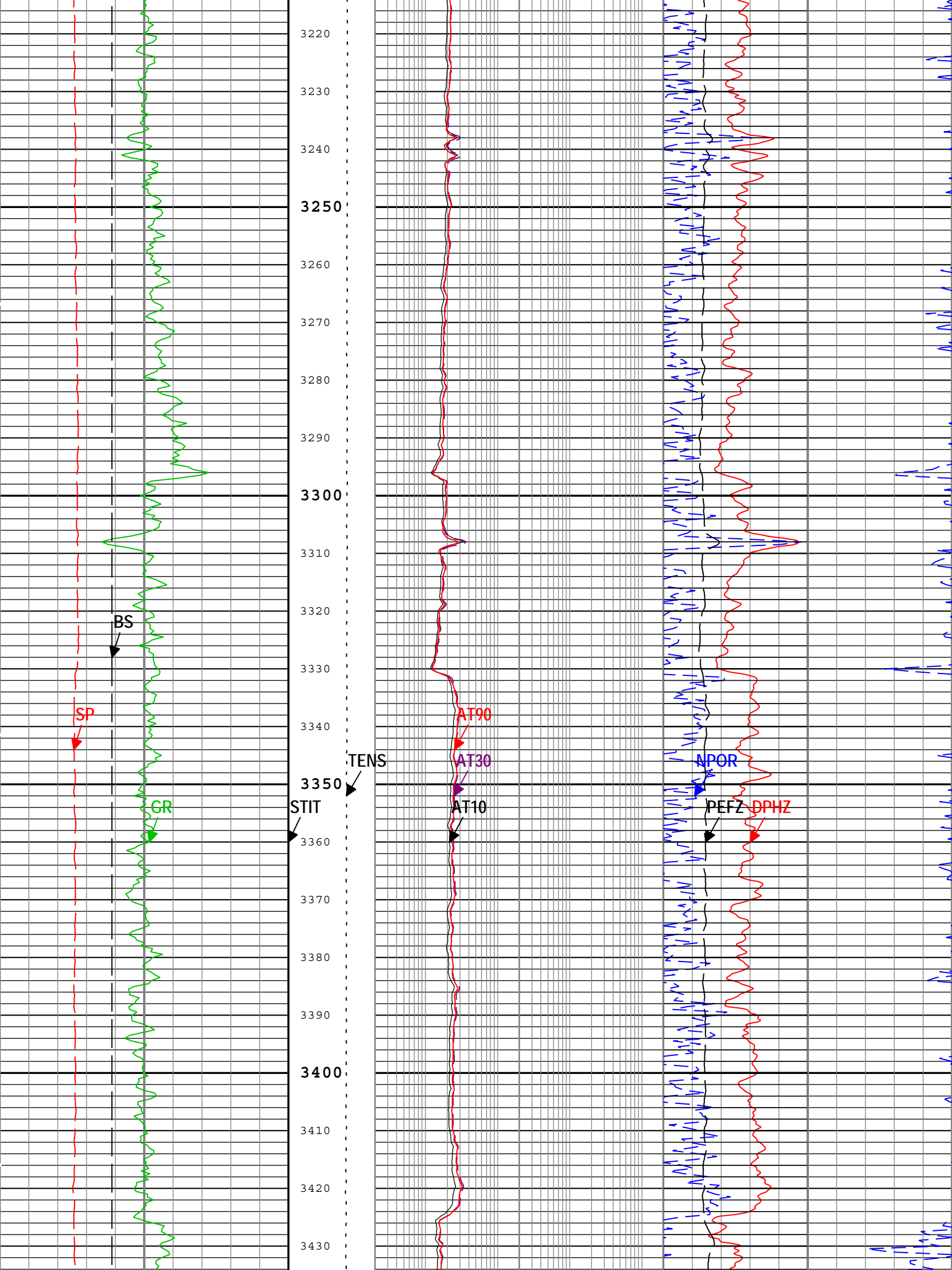


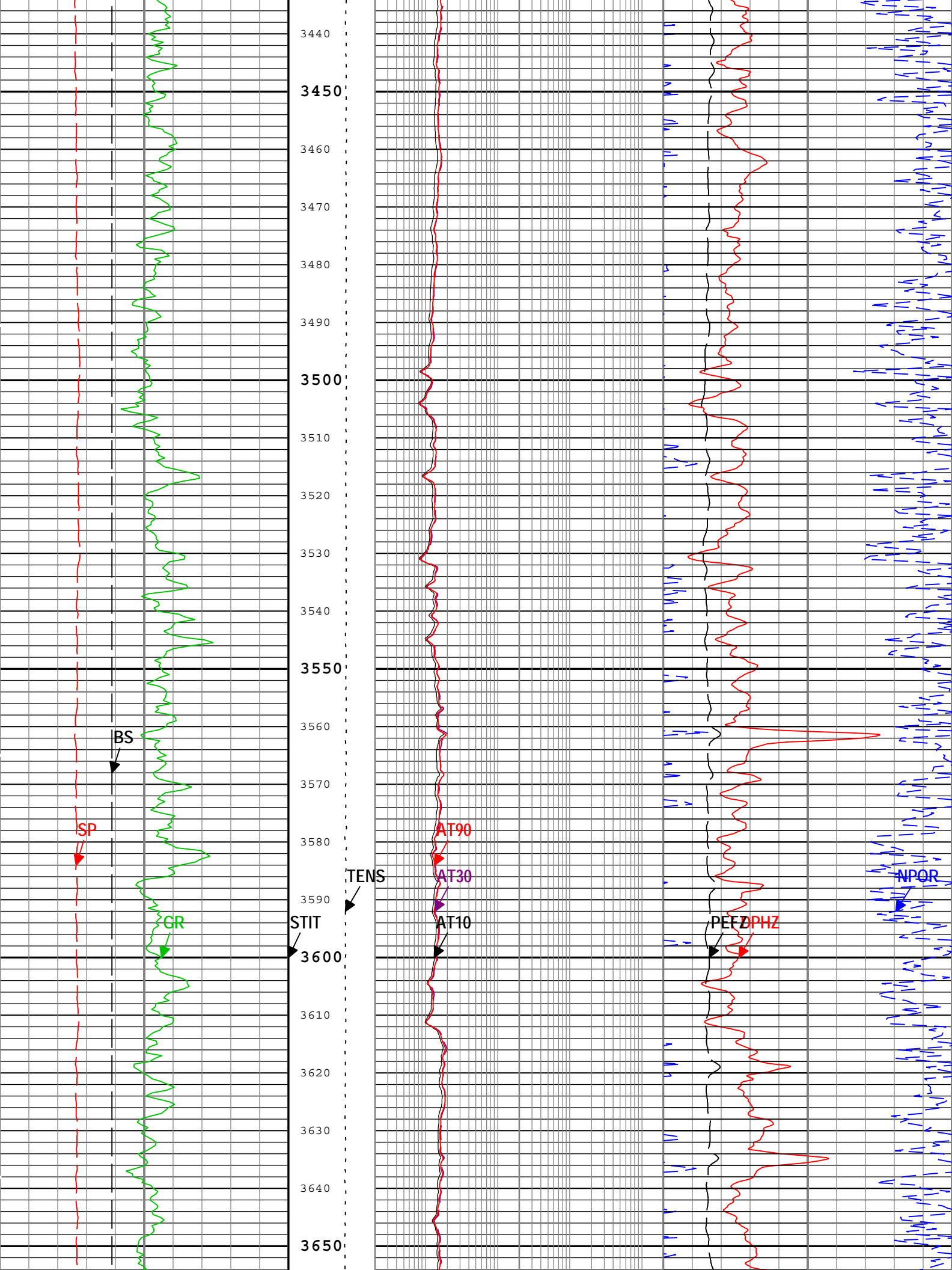


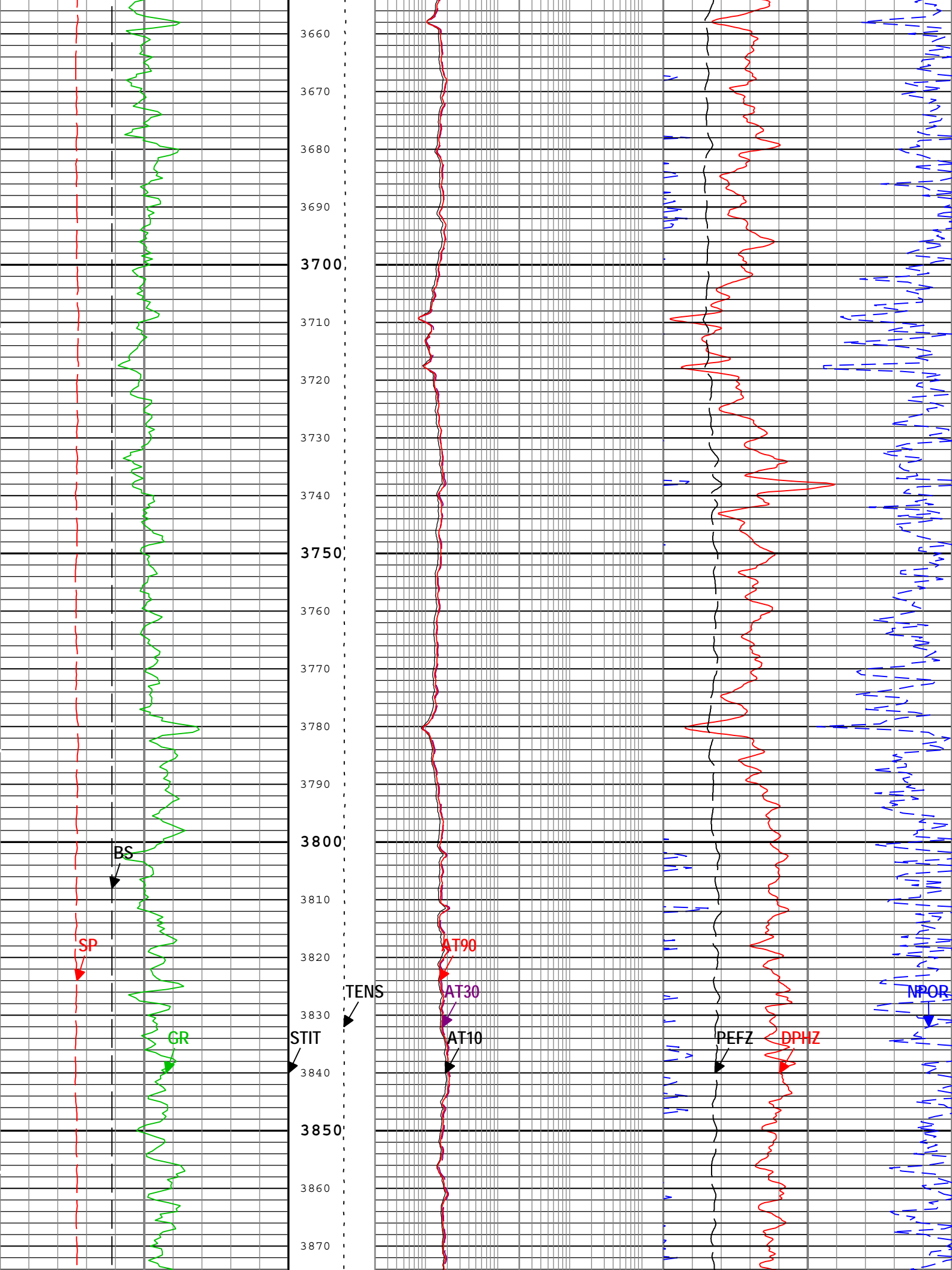


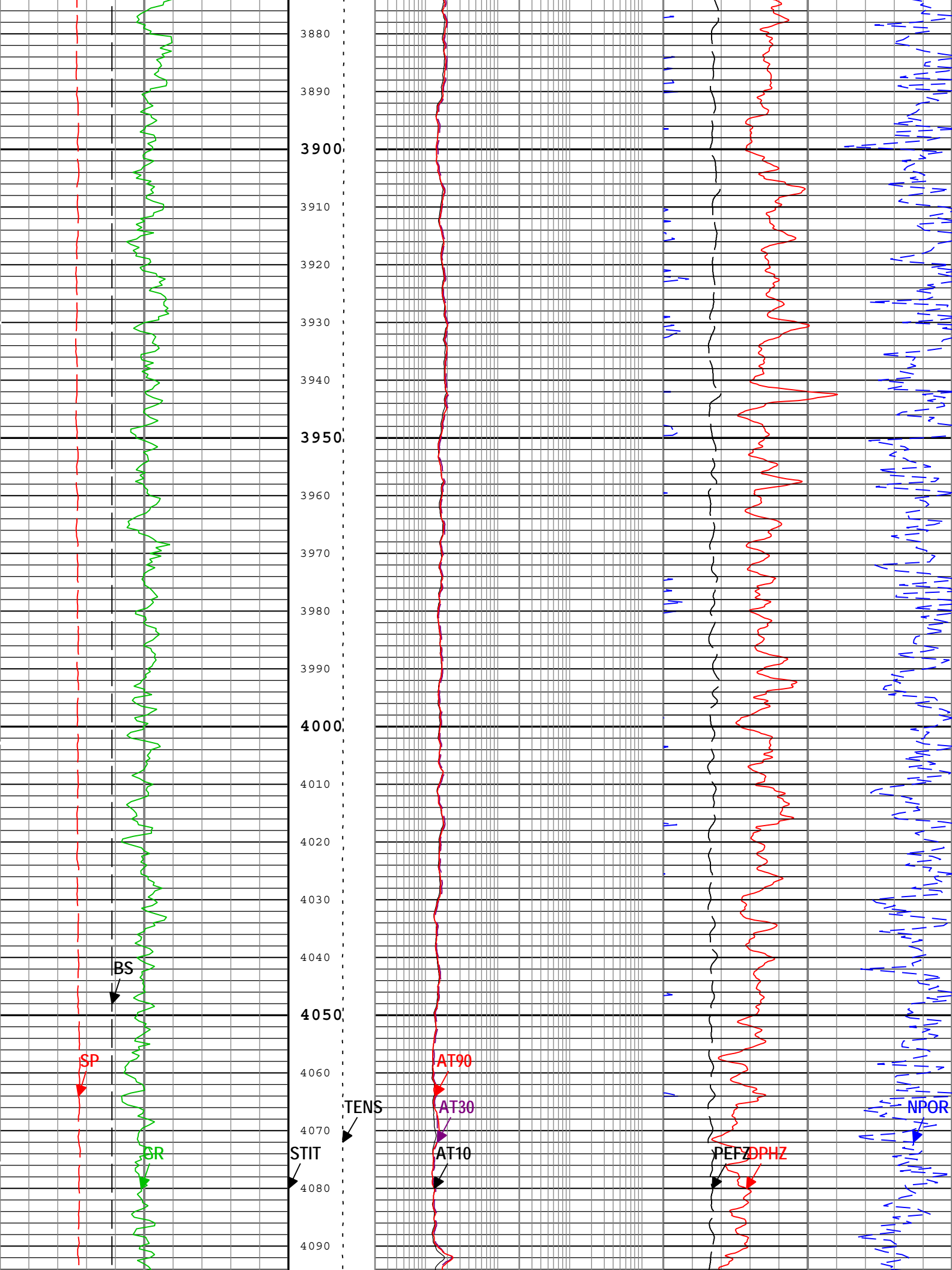


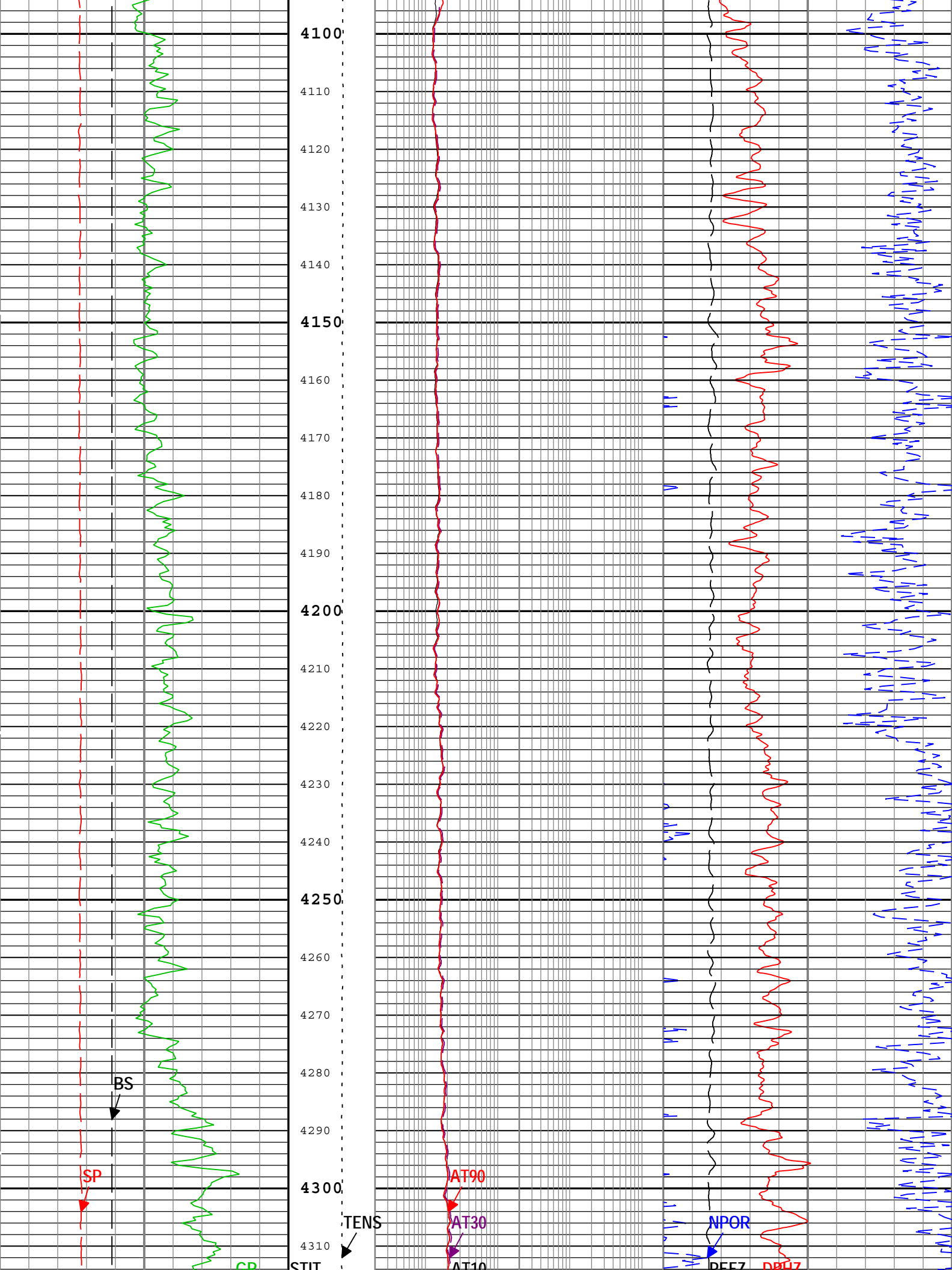




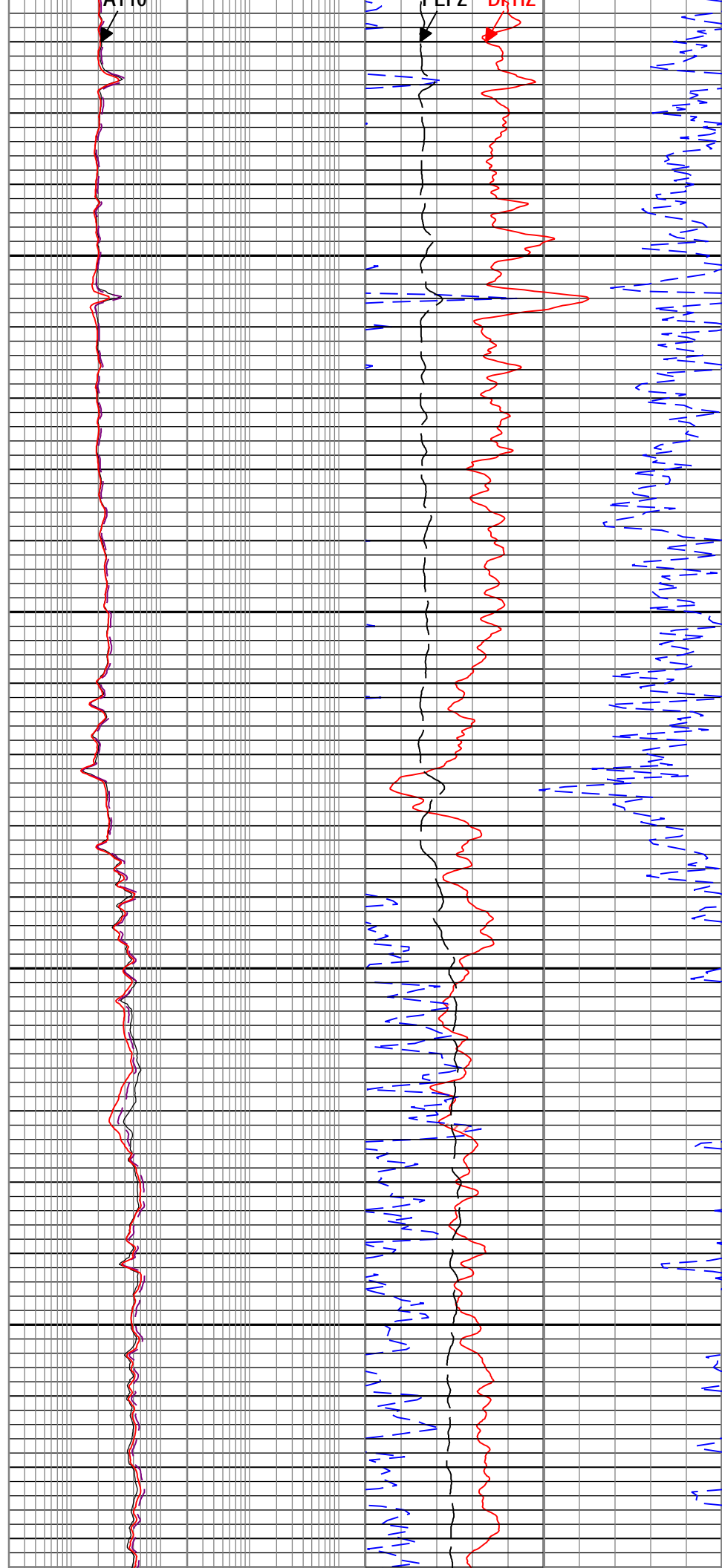
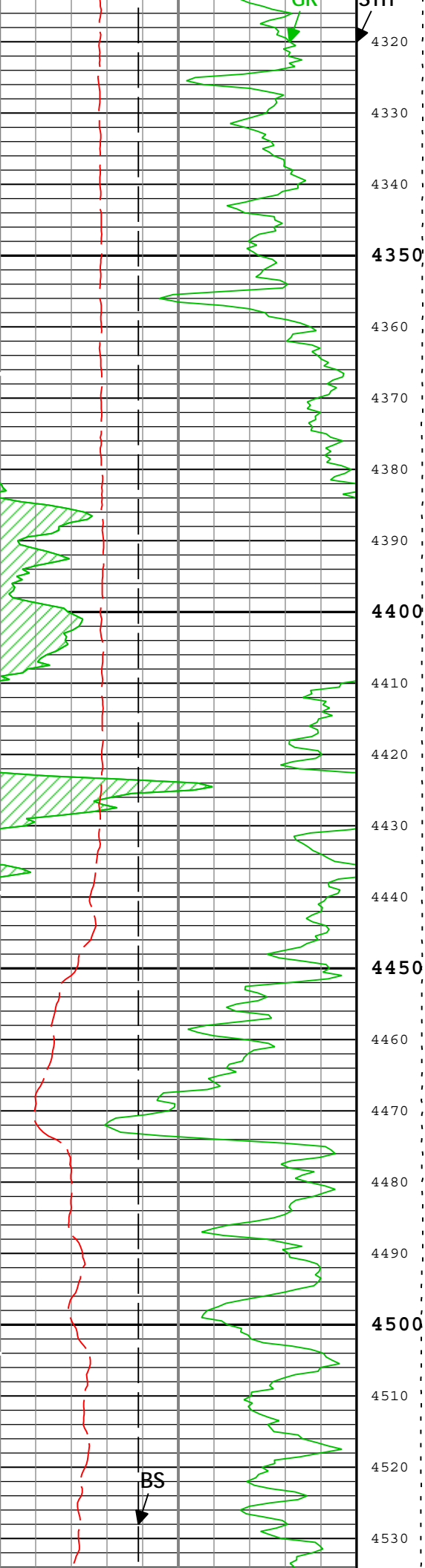


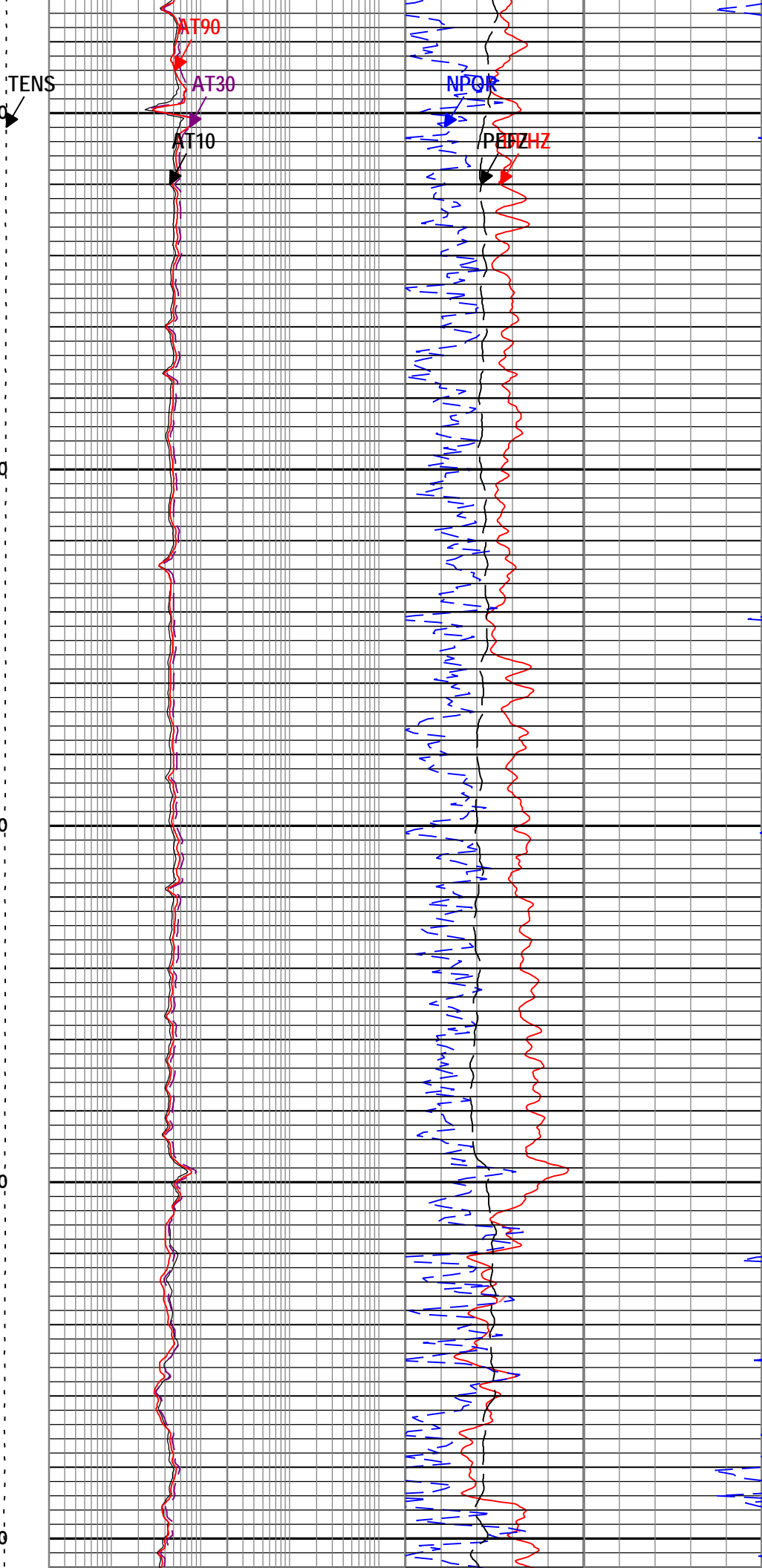
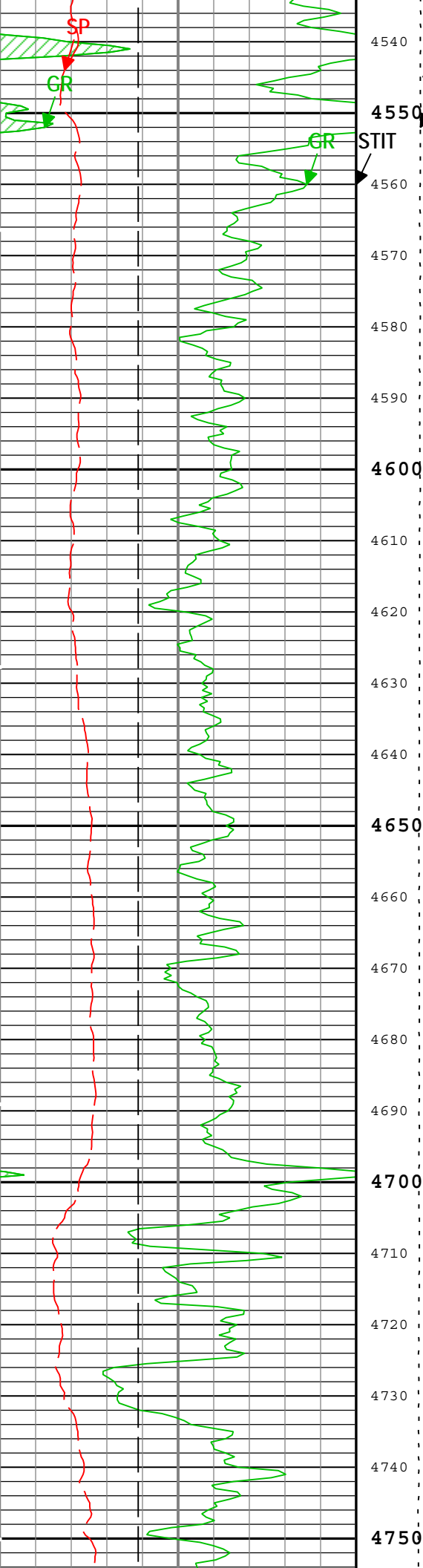


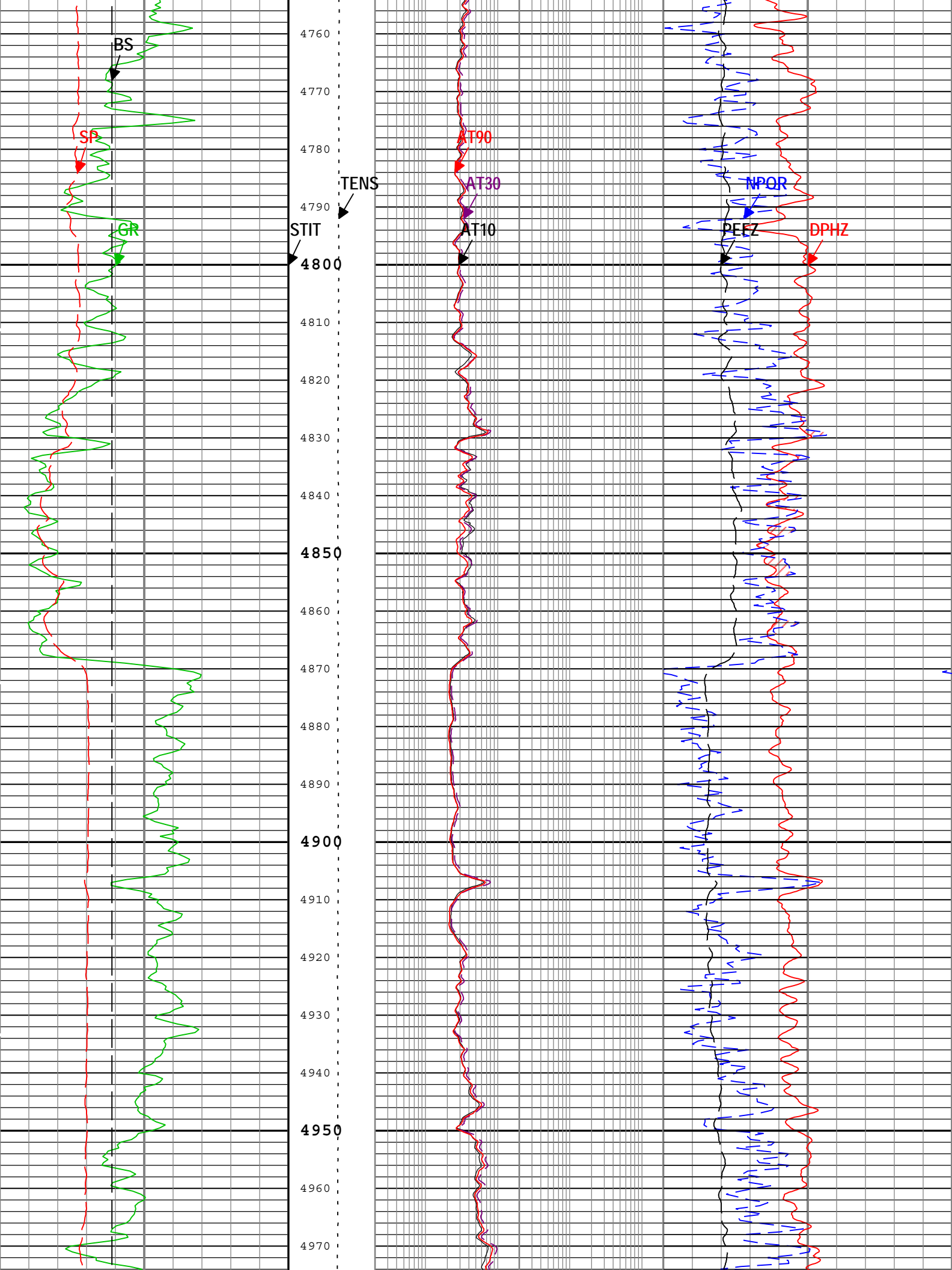


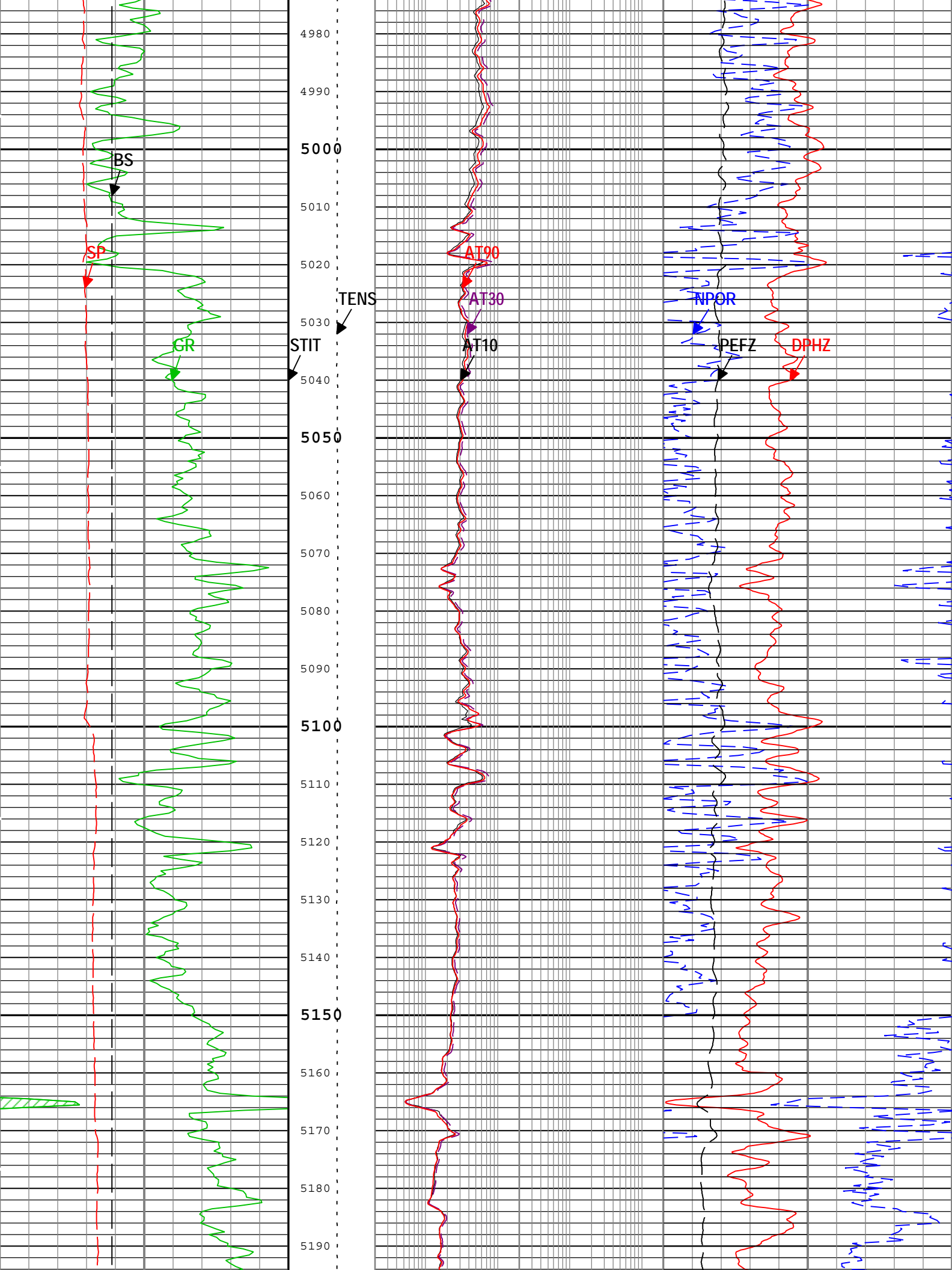


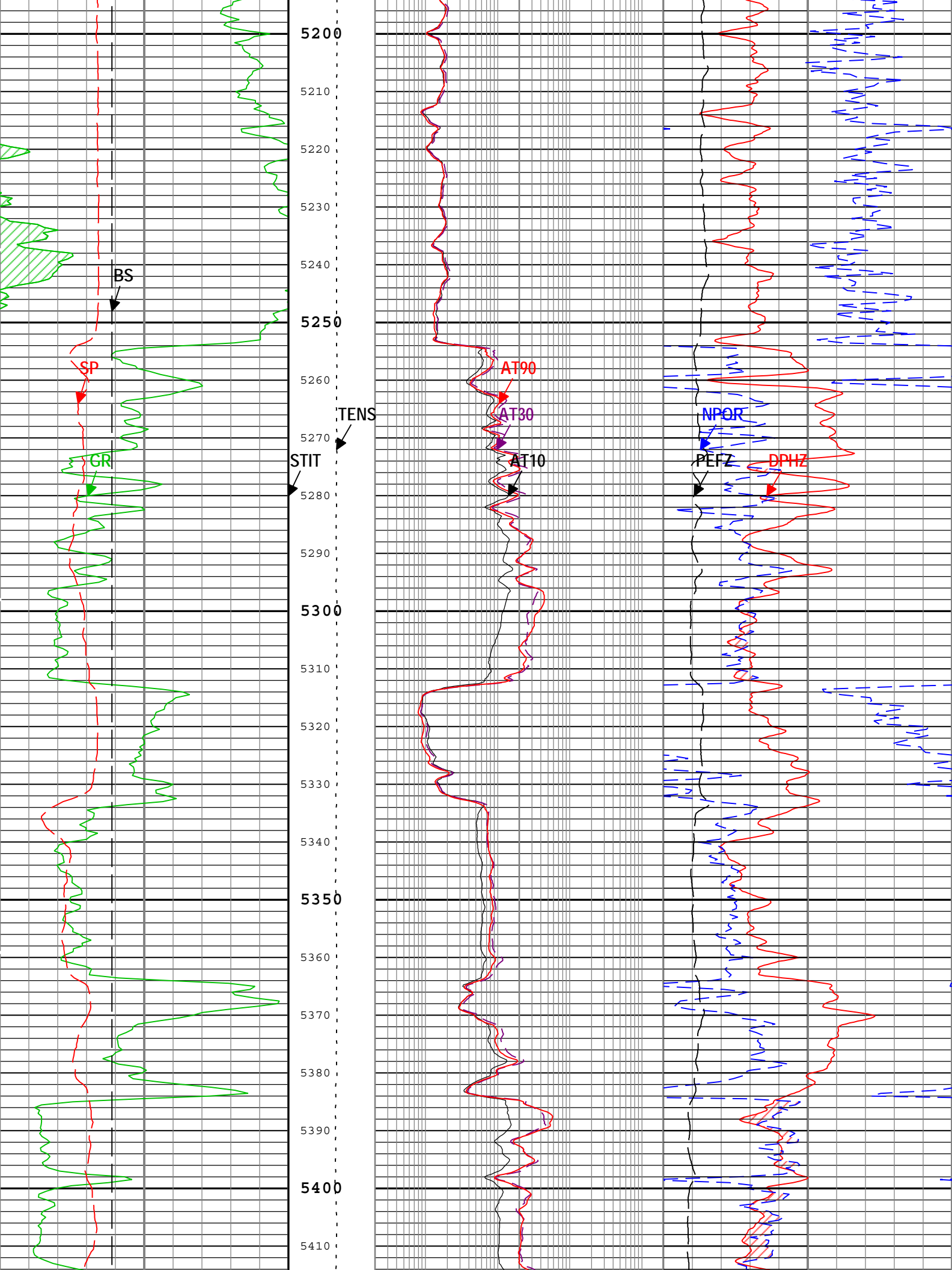


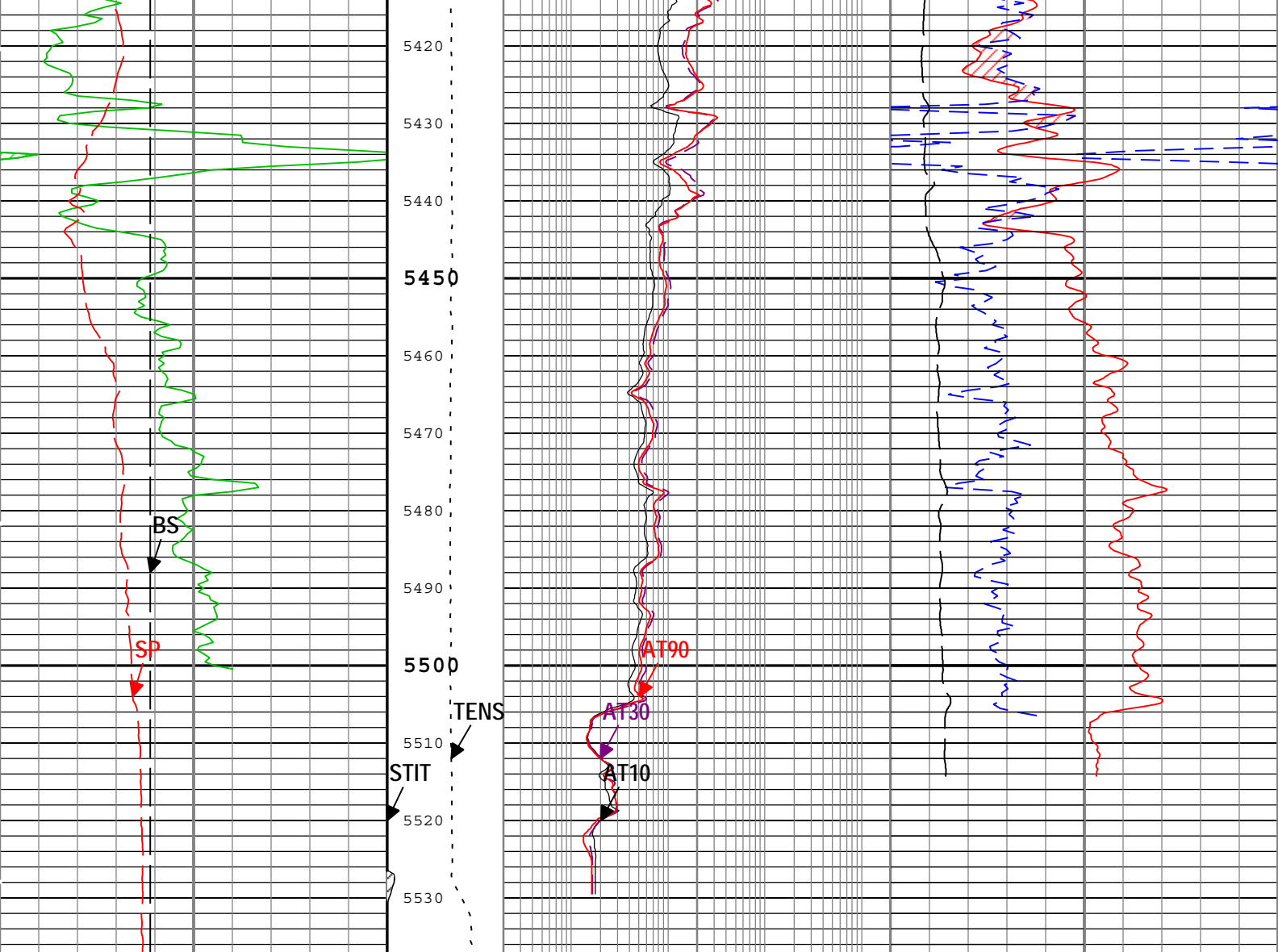












Gamma Ray Back up			Stuck Tool Indicator, Total (STIT)	Array Induction Two Foot Resistivity A10 (AT10) AIT-H			Gas Effect			
Gamma Ray (GR) HGNS-H				0.2 ohm.m 2000			NPOR Backup			
0	gAPI		200	0	ft	50	Standard Resolution Density Porosity (DPHZ) HDRS-H			
Spontaneous Potential (SP) AIT-H				Cable Tension (TENS)	Array Induction Two Foot Resistivity A30 (AT30) AIT-H			0.3 ft3/ft3 -0.1		
0	mV		200		0.2 ohm.m 2000			0.3 ft3/ft3 -0.1		
Bit Size (BS)				6000 lbf	Array Induction Two Foot Resistivity A90 (AT90) AIT-H			Enhanced Thermal Neutron Porosity in Selected Lithology (NPOR) HGNS-H		
4	in		14		0.2 ohm.m 2000			0.3 m3/m3 -0.1		
								Standard Resolution Formation Photoelectric Factor (PEFZ) HDRS-H		
								0		10

TIME\_1900 - Time Marked every 60.00 (s)

Description: HGNS standard resolution porosities for Platform Express    Format: Log ( EMD 5in Triple Combo )    Index Scale: 5 in per 100 ft    Index Unit: ft  
Index Type: Measured Depth    Creation Date: 23-Nov-2013 14:04:39

Channel Processing Parameters				
Parameter	Description	Tool	Value	Unit
ABHM	Array Induction Borehole Correction Mode	AIT-H	Compute Standoff	
ACDE	Array Induction Casing Detection Enable	AIT-H	Yes	

BARI	Barite Mud Presence Flag	Borehole	No	
BHS	Borehole Status (Open or Cased Hole)	Borehole	Open	
BHT	Bottom Hole Temperature	Borehole	145	degF
BS	Bit Size	WLSESSION	7.875	in
BSAL	Borehole Salinity	Borehole	0	ppm
CALI_SHIFT	CALI Supplementary Offset	HDRS-H	0	in
CBLO	Casing Bottom (Logger)	WLSESSION	320	ft
CDEN	Cement Density	HGNS-H	2	g/cm3
DFD	Drilling Fluid Density	Borehole	9.1	lbm/gal
DFT	Drilling Fluid Type	Borehole	Water	
DFT_WATER	Drilling Fluid Water Type	Borehole	Fresh Water	
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	Depth Zoned	
MDEN	Matrix Density for Density Porosity	Borehole	Depth Zoned	g/cm3
MFST	Mud Filtrate Sample Temperature	Borehole	70	degF
RMFS	Resistivity of Mud Filtrate Sample	Borehole	0.3	ohm.m
SOCO	Standoff Correction Option	HGNS-H	Yes	
SPDR	SP Drift Per Foot	AIT-H	0	mV/ft
TD	Total Measured Depth	Borehole	5525	ft

Depth Zone Parameters			
Parameter	Value	Start ( ft )	Stop ( ft )
MATR	LIMESTONE	0	5160
MATR	SANDSTONE	5160	5537.5
MDEN	2.71	0	5160
MDEN	2.65	5160	5537.5
All depth are actual.			

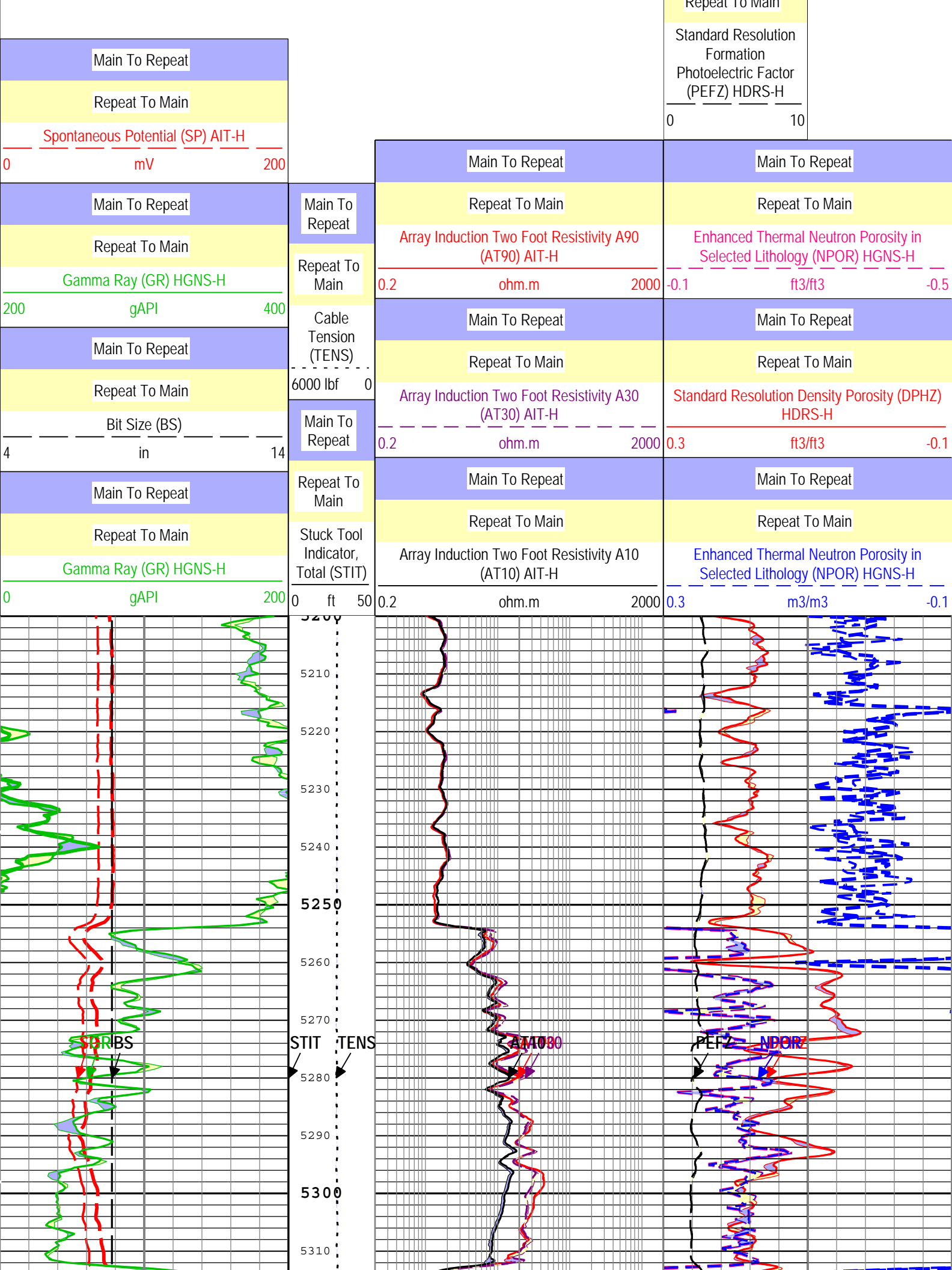
Tool Control Parameters				
Parameter	Description	Tool	Value	Unit
HMCA_BRD_TYPE	HMCA Board Type	HGNS-H	1	
HRGD_BRD_TYPE	HRGD Board Type	HDRS-H	WITH_HET	
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	3600	ft/h

Run 1				
5" Triple Combo				

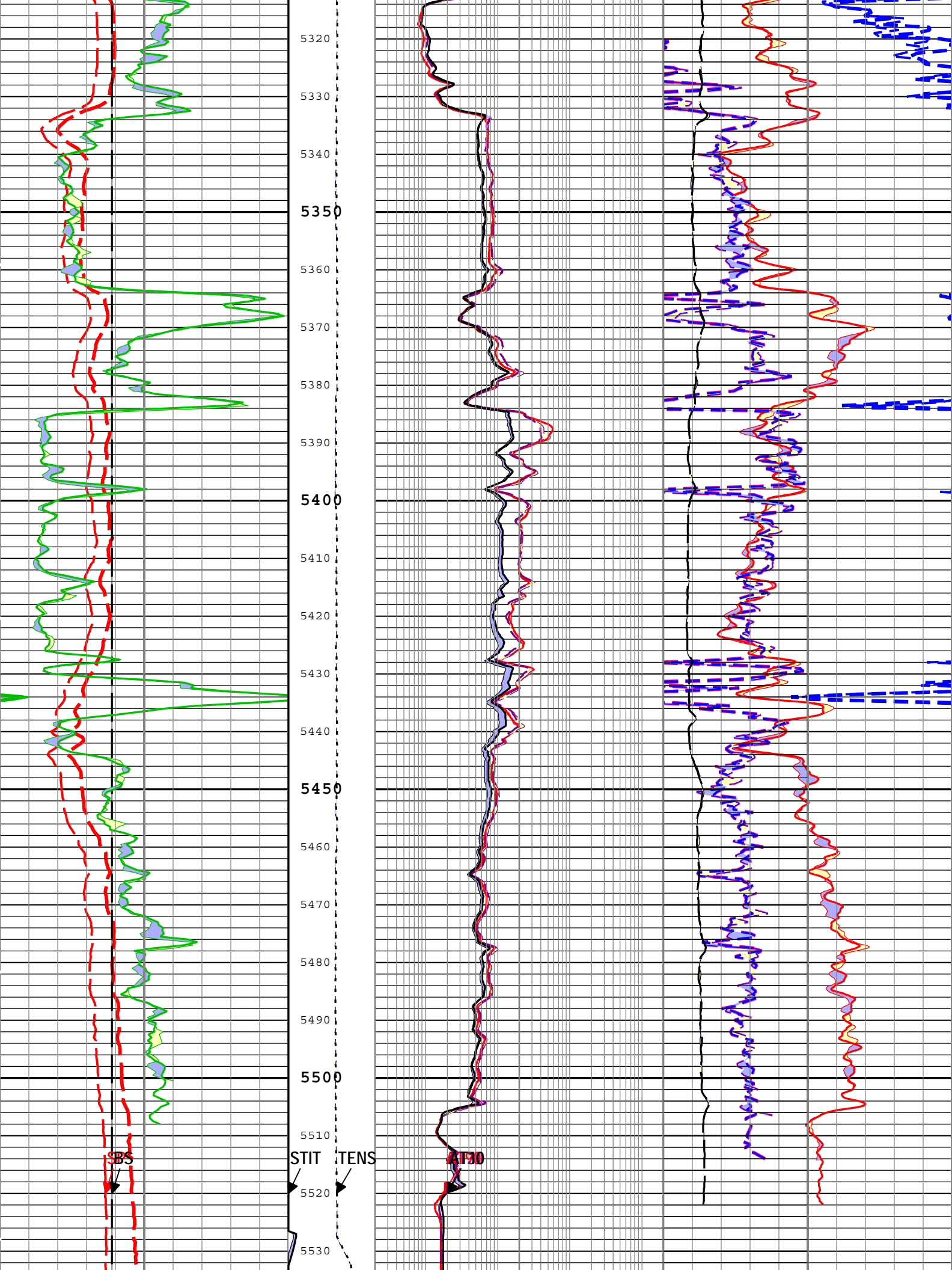
Log	Company:Bayswater Exploration and Production		Well:Badger Creek 22 32B	
Run 1: Mainf31:Up:S002				
Description: HGNS standard resolution porosities for Platform Express		Format: Log ( EMD 5in Triple Combo RA )	Index Scale: 5 in per 100 ft	Index Unit: ft
Index Type: Measured Depth	Creation Date: 23-Nov-2013 14:04:41			
TIME_1900 - Time Marked every 60.00 (s)				

Main To Repeat

Repeat To Main







			5540			
Main To Repeat			Main To Repeat	Main To Repeat		
Repeat To Main			Repeat To Main	Repeat To Main		
Spontaneous Potential (SP) AIT-H				Enhanced Thermal Neutron Porosity in Selected Lithology (NPOR) HGNS-H		
0 mV 200				-0.1 ft3/ft3 -0.5		
Main To Repeat			Cable Tension (TENS)	Main To Repeat		
Repeat To Main			6000 lbf 0	Repeat To Main		
Gamma Ray (GR) HGNS-H			Main To Repeat	Array Induction Two Foot Resistivity A30 (AT30) AIT-H		
200 gAPI 400			Repeat To Main	Standard Resolution Density Porosity (DPHZ) HDRS-H		
Main To Repeat			Stuck Tool Indicator, Total (STIT)	0.2 ohm.m 2000		
Repeat To Main				0.3 ft3/ft3 -0.1		
Bit Size (BS)				Main To Repeat		
4 in 14			0 ft 50	Repeat To Main		
Main To Repeat				Array Induction Two Foot Resistivity A10 (AT10) AIT-H		
Repeat To Main				0.2 ohm.m 2000		
Gamma Ray (GR) HGNS-H				Enhanced Thermal Neutron Porosity in Selected Lithology (NPOR) HGNS-H		
0 gAPI 200				0.3 m3/m3 -0.1		
				Main To Repeat		
				Repeat To Main		
				Standard Resolution Formation Photoelectric Factor (PEFZ) HDRS-H		
				0 10		

TIME\_1900 - Time Marked every 60.00 (s)

Description: HGNS standard resolution porosities for Platform Express Format: Log ( EMD 5in Triple Combo RA ) Index Scale: 5 in per 100 ft Index Unit: ft  
Index Type: Measured Depth Creation Date: 23-Nov-2013 14:04:41

Calibration Report							
AIT-H (Array Induction Tool - H) Calibration - Run 1							
Primary Equipment :							
File code for AIT-HA Sonde Tool Element			AHIS		392		
Auxiliary Equipment :							
AITH Rm/SP Bottom Nose			AHRM		392		
AIT Sonde Calibration - Test Loop Gain							
Master (EEPROM):		13:00:32 22-Nov-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Gain - 0		Master	1.000	0.950	1.012	1.050	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Phase - 0	deg	Master	0	-3.000	0.422	3.000	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Gain - 1		Master	1.000	0.950	1.014	1.050	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Phase - 1	deg	Master	0	-3.000	0.525	3.000	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Gain - 2		Master	1.000	0.950	1.015	1.050	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Phase - 2	deg	Master	0	-3.000	-0.024	3.000	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Gain - 3		Master	1.000	0.950	1.010	1.050	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Phase - 3	deg	Master	0	-3.000	0.014	3.000	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Gain - 4		Master	1.000	0.950	0.996	1.050	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Phase - 4	deg	Master	0	-3.000	-0.015	3.000	<div><div></div><div></div><div></div><div></div><div></div></div>
Test Loop Gain - 5		Master	1.000	0.950	0.987	1.050	<div><div></div><div></div><div></div><div></div><div></div></div>

Test Loop Phase - 5	deg	Master	0	-3.000	-0.148	3.000	
Test Loop Gain - 6		Master	1.000	0.950	0.995	1.050	
Test Loop Phase - 6	deg	Master	0	-3.000	0.197	3.000	
Test Loop Gain - 7		Master	1.000	0.950	0.994	1.050	
Test Loop Phase - 7	deg	Master	0	-3.000	-0.330	3.000	

## AIT Sonde Calibration - Sonde Error Correction

Master (EEPROM):		13:00:32 22-Nov-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Sonde Error Correction Real - 0	mS/m	Master	-----	-231.000	-75.704	119.000	
Sonde Error Correction Quad - 0		Master	-----	-2250.000	-457.048	2250.000	
Sonde Error Correction Real - 1	mS/m	Master	-----	114.000	191.144	204.000	
Sonde Error Correction Quad - 1		Master	-----	-625.000	-136.385	625.000	
Sonde Error Correction Real - 2	mS/m	Master	-----	66.000	108.369	156.000	
Sonde Error Correction Quad - 2		Master	-----	-350.000	-112.271	350.000	
Sonde Error Correction Real - 3	mS/m	Master	-----	39.000	65.316	89.000	
Sonde Error Correction Quad - 3		Master	-----	-250.000	39.059	250.000	
Sonde Error Correction Real - 4	mS/m	Master	-----	15.000	25.282	35.000	
Sonde Error Correction Quad - 4		Master	-----	-63.000	-39.765	63.000	
Sonde Error Correction Real - 5	mS/m	Master	-----	4.000	13.321	24.000	
Sonde Error Correction Quad - 5		Master	-----	-50.000	6.200	50.000	
Sonde Error Correction Real - 6	mS/m	Master	-----	5.000	9.514	15.000	
Sonde Error Correction Quad - 6		Master	-----	-30.000	-4.486	30.000	
Sonde Error Correction Real - 7	mS/m	Master	-----	-5.000	-0.354	5.000	
Sonde Error Correction Quad - 7		Master	-----	-30.000	-5.725	30.000	

## AIT Mud Calibration - Mud Calibration Gain

Master (EEPROM):		13:00:32 22-Nov-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Coarse Gain		Master	1.000	0.800	1.104	1.200	
Fine Gain		Master	1.000	0.800	1.105	1.200	

## AIT Electronics Check - Thru Calibration Check

Master (EEPROM):		13:00:32 22-Nov-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Thru Cal Mag - 0	V	Master	-----	0.363	0.618	0.847	
Thru Cal Phase - 0	deg	Master	-----	11.000	72.954	131.000	
Thru Cal Mag - 1	V	Master	-----	0.762	1.262	1.778	
Thru Cal Phase - 1	deg	Master	-----	10.000	71.840	130.000	
Thru Cal Mag - 2	V	Master	-----	0.374	0.630	0.872	
Thru Cal Phase - 2	deg	Master	-----	6.000	68.104	126.000	
Thru Cal Mag - 3	V	Master	-----	0.422	0.712	0.986	
Thru Cal Phase - 3	deg	Master	-----	5.000	67.315	125.000	
Thru Cal Mag - 4	V	Master	-----	0.802	1.326	1.872	
Thru Cal Phase - 4	deg	Master	-----	-1.000	61.047	119.000	
Thru Cal Mag - 5	V	Master	-----	1.173	1.933	2.737	
Thru Cal Phase - 5	deg	Master	-----	-3.000	59.146	117.000	
Thru Cal Mag - 6	V	Master	-----	1.173	1.932	2.737	
Thru Cal Phase - 6	deg	Master	-----	-3.000	59.157	117.000	
Thru Cal Mag - 7	V	Master	-----	0.849	1.380	1.981	
Thru Cal Phase - 7	deg	Master	-----	-7.000	55.655	113.000	
SPA Zero	mV	Master		-50.000	-0.223	50.000	
SPA Plus	mV	Master		941.000	991.912	1040.000	
Temperature Zero	V	Master		-0.050	0.000	0.050	
Temperature Plus	V	Master		0.870	0.919	0.960	

## HDRS-H (HILT Density and Rxo Sonde, 150 degC) Calibration - Run 1

Primary Equipment :		
HILT High-Resolution Control Cartridge, 150 degC	HRCC-H	
HILT Resistivity Gamma-Ray Density Device, 150 degC	HRGD-H	3989
Auxiliary Equipment :		
HRDD Backscatter Detector	Backscatter	
HRDD Long Spacing Detector	Long Spacing	28796
HRDD Short Spacing Detector	Short Spacing	

Cesium 137 Gamma-Ray Logging Source

GSR-J

5471

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 Density Calibration - Inversion Results**

Master (EEPROM): 13:00:32 19-Nov-2013

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Rho Aluminum	g/cm3	Master	2.596	2.586	2.602	2.606	
Rho Magnesium	g/cm3	Master	1.686	1.676	1.685	1.696	
Pe Aluminum		Master	2.570	2.470	2.556	2.670	
Pe Magnesium		Master	2.650	2.550	2.631	2.750	

**HDRS Density Calibration - Deviation Summary**

Master (EEPROM): 13:00:32 19-Nov-2013

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS Average Deviation	%	Master	0	-0.6000	0.2464	0.6000	
BS Max Deviation	%	Master	0	-1.6000	1.2475	1.6000	
SS Average Deviation	%	Master	0	-1.0000	0.2707	1.0000	
SS Max Deviation	%	Master	0	-2.5000	1.2449	2.5000	
LS Average Deviation	%	Master	0	-1.5000	0.6639	1.5000	
LS Max Deviation	%	Master	0	-3.5000	1.5829	3.5000	

**HDRS Density Calibration - Background Summary**

Master (EEPROM): 13:00:32 19-Nov-2013

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS Window Ratio		Master	1.0000		0.7419		
BS Window Sum	1/s	Master	1		26633		
SS Window Ratio		Master	1.0000		0.4836		
SS Window Sum	1/s	Master	1		10667		
LS Window Ratio		Master	1.0000		0.3023		
LS Window Sum	1/s	Master	1		1309		

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

Master (EEPROM): 13:00:32 19-Nov-2013

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS PM High Voltage	V	Master		1000	1379	2400	
SS PM High Voltage	V	Master		1000	1860	2400	
LS PM High Voltage	V	Master		1000	1380	2400	

**HDRS Density Calibration - Crystal Quality Resolutions**

Master (EEPROM): 13:00:32 19-Nov-2013

Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
BS Crystal Resolution	%	Master		5.00	10.62	25.00	
SS Crystal Resolution	%	Master		5.00	9.97	20.00	
LS Crystal Resolution	%	Master		5.00	9.54	20.00	

**HGNS-H (HILT Gamma-Ray and Neutron Sonde, 150 degC) Calibration - Run 1****Primary Equipment :**

HILT Gamma-Ray and Neutron Sonde, 150 degC

HGNS-H

**Auxiliary Equipment :**

HGNS Accelerometer, 150 degC

HACCZ-H

6991

AmBe Neutron Logging Source

NSR-F

2554

**Calibration Parameter :**

Water Temperature (Calibration Tank Water Temperature)

54.9

Housing Size (Thermal Housing Size)

3.37

JIG-BKG (Jig minus background reference)

165

**HGNS Accelerometer EEPROM - Accelerometer EEPROM Read**

Master (EEPROM): 00:00:00 15-May-2007

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	-----	-----	-4298.000	-----	
Accelerometer Coefficients - 1		Master	-----	-----	50.180	-----	
Accelerometer Coefficients - 2		Master	-----	-----	-0.002	-----	
Accelerometer Coefficients - 3		Master	-----	-----	0.000	-----	
Accelerometer Coefficients - 4		Master	-----	-----	2.754	-----	
Accelerometer Coefficients - 5		Master	-----	-----	0.000	-----	
Accelerometer Coefficients - 6		Master	-----	-----	0.000	-----	
Accelerometer Coefficients - 7		Master	-----	-----	0.000	-----	
Accelerometer Coefficients - 8		Master	-----	-----	300.500	-----	
Accelerometer Coefficients - 9		Master	-----	-----	0.994	-----	
HGNS Neutron Calibration - HGNS Neutron Accumulations							
Master (EEPROM):		13:21:40 07-Nov-2013					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Near Zero Measurement	1/s	Master	0	5.0	26.9	40.0	
Far Zero Measurement	1/s	Master	0	5.0	28.4	40.0	
Near Plus Measurement	1/s	Master	6031.0	4700.0	5635.0	6900.0	
Far Plus Measurement	1/s	Master	2793.0	1900.0	2285.0	2900.0	
Near Corrected Plus Measurement	1/s	Master		4700.0	5713.0	6900.0	
Far Corrected Plus Measurement	1/s	Master		1900.0	2322.0	2900.0	

Company:	Bayswater Exploration and Production	Schlumberger
Well:	Badger Creek 22 32B	
Field:	Badger Creek	
County:	Adams	
State:	Colorado	
Platform Express		
Triple Combo		
Linear		