

Company: Bonanza Creek

Well: State Seventy Holes J-18

Field: Wattenberg

County: Weld State: Colorado

Platform Express

Array Induction

with Linear Correlation

County: Weld

Field: Wattenberg

Location: SESW, Sec18. T4N, R62W

Well: State Seventy Holes J-18

Company: Bonanza Creek

Location:

SESW, Sec18. T4N, R62W

SHL: 610FSL x 1455' FWL

Lat/Long: 40.306861/-104.371342

Elev.: K.B. 4577.50 ft

G.L. 4564.00 ft

D.F. 4576.50 ft

Permanent Datum:

Ground Level

Elev.: 4564.00 f

Log Measured From:

Kelly Bushing

13.50 ft

above Perm.Datum

Drilling Measured From:

Kelly Bushing

API Serial No.

05-123-41614

Section: 18

Township: 4N

Range: 62W

Logging Date	28-Sep-2016		
Run Number	One		
Depth Driller	6800.00 ft		
Schlumberger Depth	6800.00 ft		
Bottom Log Interval	6798.00 ft		
Top Log Interval	1459.00 ft		
Casing Driller Size @ Depth	9.625 in @ 1465.00 ft		
Casing Schlumberger	1465 ft		
Bit Size	8.75 in		
Type Fluid In Hole	Water		
Density	Viscosity	33 s	
Fluid Loss	PH	11.6 cm3	9.7
MUD			
Source of Sample			
RM @ Meas Temp	2.24 ohm.m @ 75.3 degF		
RMF @ Meas Temp	2.11 ohm.m @ 75 degF		
RMC @ Meas Temp	2.52 ohm.m @ 75 degF		
Source RMF	RMC	Calculated	
RM @ BHT	RMF @ BHT	0.83 @ 216	0.77 @ 216
Max Recorded Temperatures			
Circulation Stopped		Time	04:30:00
Logger on Bottom		Time	16:30:00
Unit Number	Location:	9115	FtMorgan
Recorded By	B Kesek		
Witnessed By	Tim Jayne		

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.

Contents

1. Header
2. Disclaimer
3. Contents
4. Well Sketch
5. Borehole Size/Casing/Tubing Record
6. Remarks and Equipment Summary
7. Depth Summary
8. One 5" Induction

8.1 Integration Summary

8.2 Software Version

8.3 Composite Summary

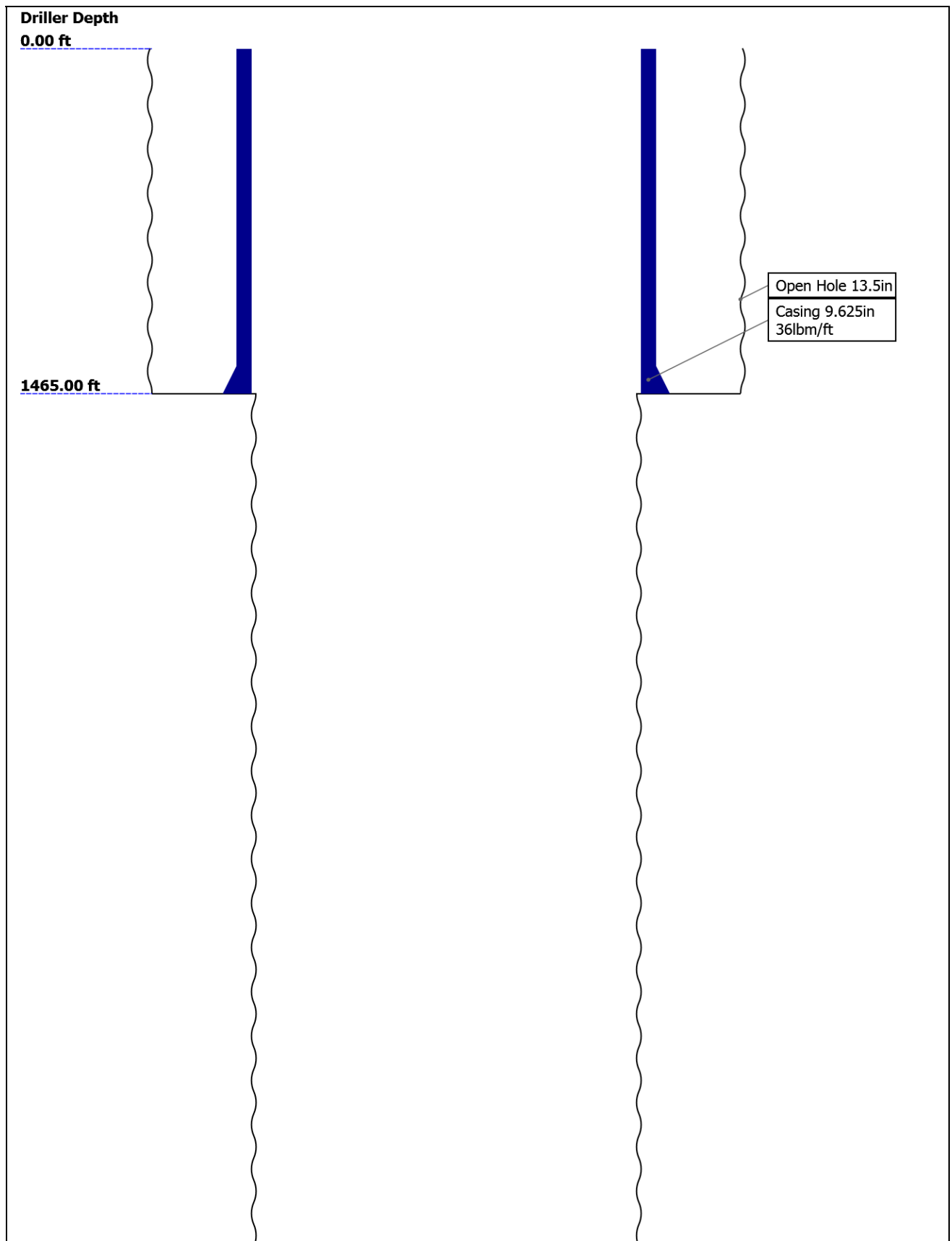
8.4 Log ( KM 5in Induction )

8.5 Parameter Listing
9. One 5" Induction

9.1 Composite Summary

9.2 Log ( KM 5in Induction RA )
10. Calibration Report

## Well Sketch



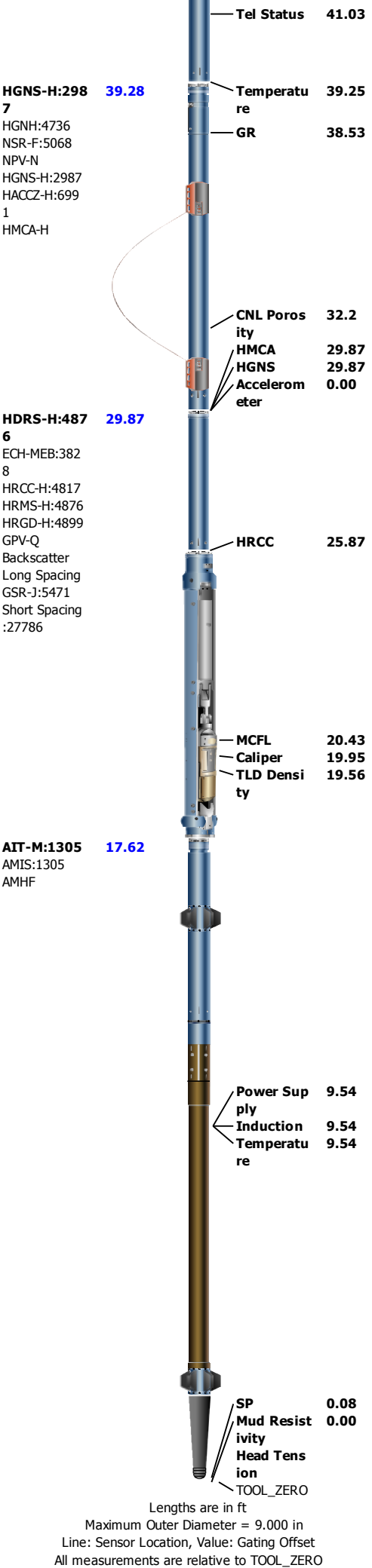


Borehole Size/Casing/Tubing Record

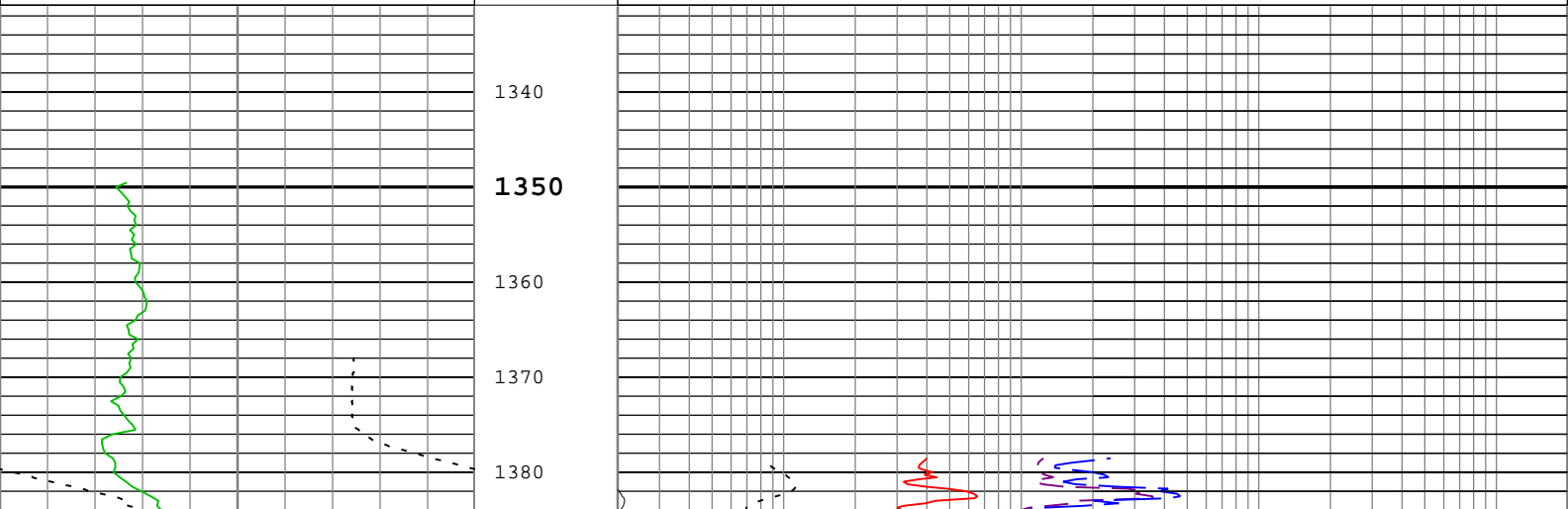
Bit						
Bit Size ( in )	13.5	8.75				
Top Driller ( ft )	0	1465				
Top Logger ( ft )	0	1465				
Bottom Driller ( ft )	1465	6800				
Bottom Logger ( ft )	1465	6800				
Casing						
Size ( in )	9.625					
Weight ( lbm/ft )	36					
Inner Diameter ( in )	8.921					
Grade	N/A					
Top Driller ( ft )	0					
Top Logger ( ft )	0					
Bottom Driller ( ft )	1465					
Bottom Logger ( ft )	1465					

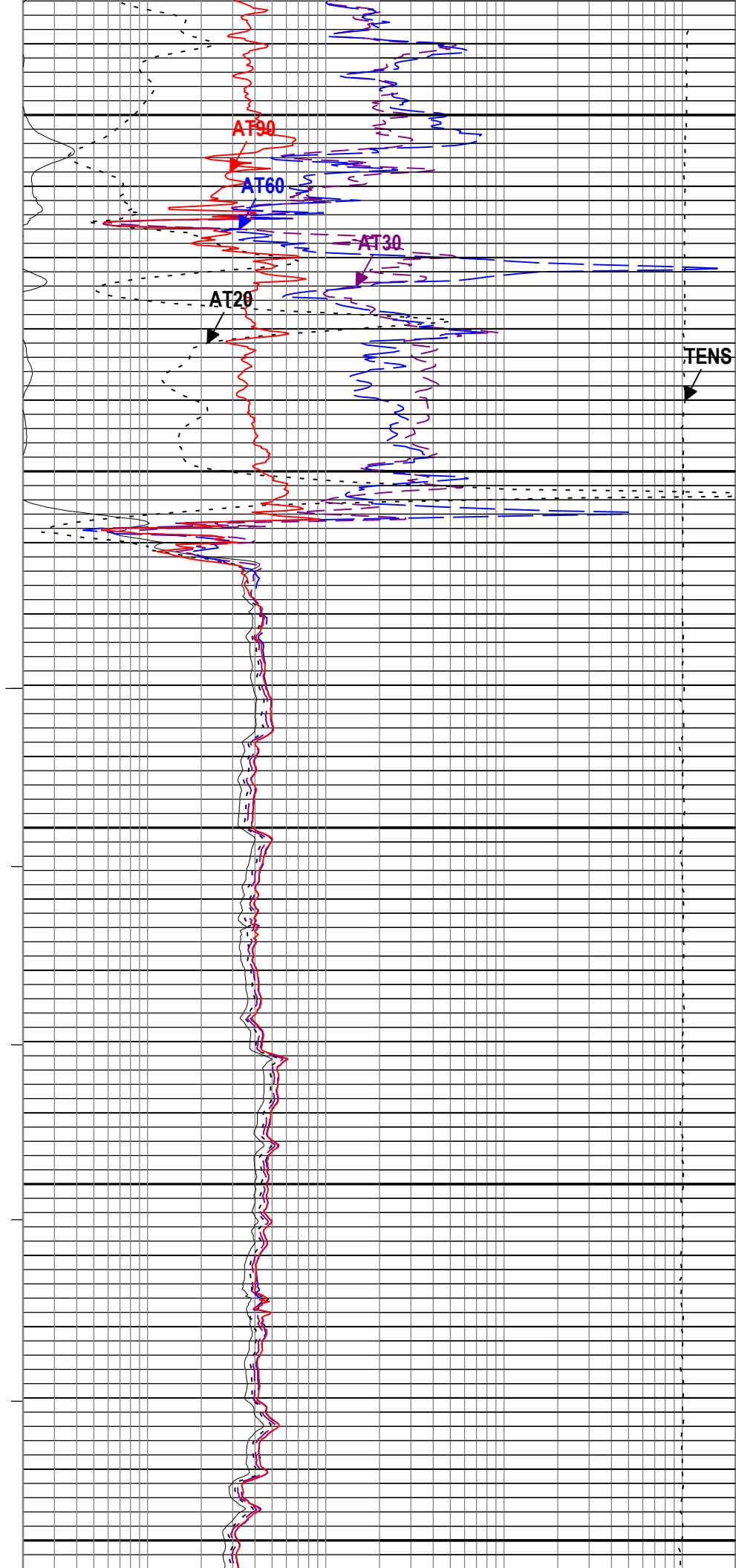
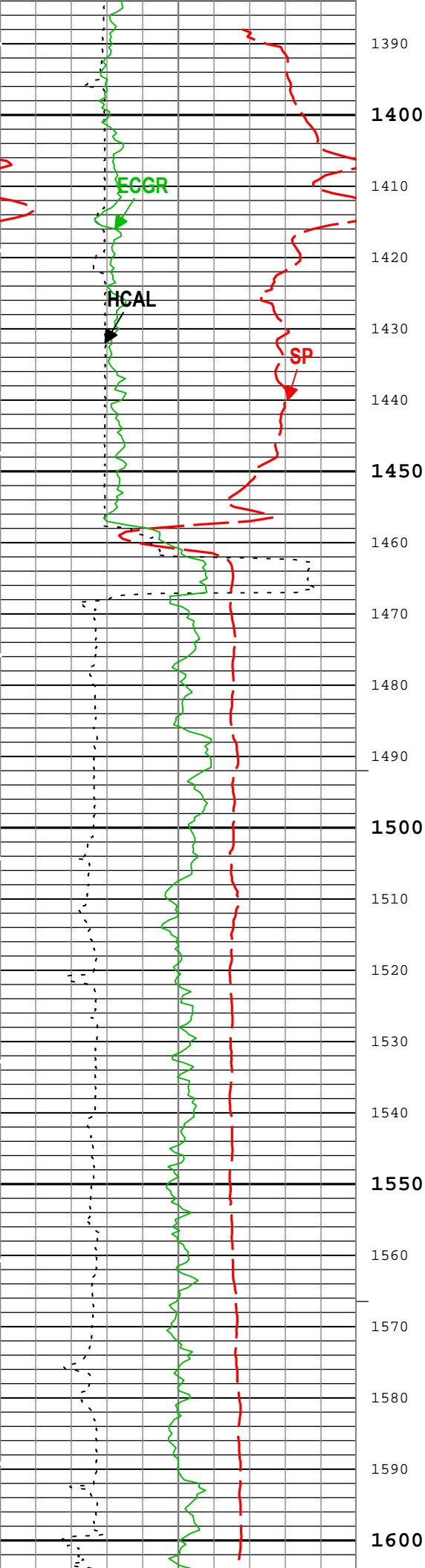
Remarks and Equipment Summary

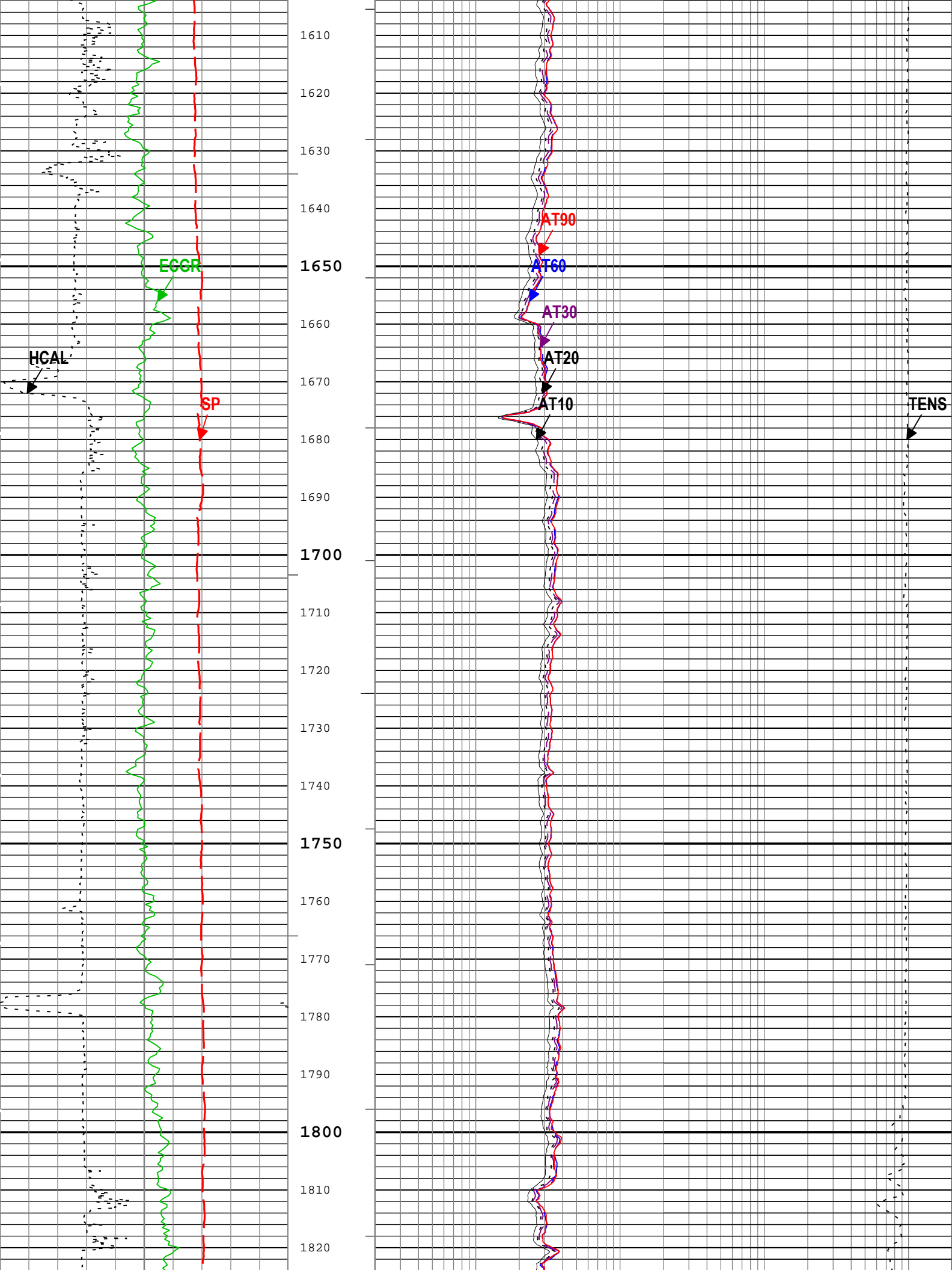
One: Toolstring				One: Remarks
<div><div><div>Equip name</div><div>LEH-QT</div><div>LEH-QT</div></div><div><div>Length</div><div>56.88</div></div></div> <div></div> <div><div>MP name</div><div>Offset</div></div>				This is the first run in the well.
				Toolstring ran as per toolsketch.
				Neutron corrections: Holesize, Standoff
				Matrix: Limestone. MDen: 2.71g/cm3
				Repeat pass performed below casing shoe due to adverse hole conditions at bottom.
<div><div><div>DTC-H:8980</div><div>ECH-KC:1005</div><div>3</div><div>DTC-H:8980</div></div><div><div>Length</div><div>53.97</div></div></div> <div><div>CTEM</div><div>HV</div></div> <div><div>TelStatus</div><div>ToolStatus</div></div>				Caliper closed at: 6490-6464ft 5500-5494ft Due to adverse hole conditions. Discussed with company man.
				Hole finder at the bottom of AIT used succesfully to get passed a bridge.
<div><div><div>HNGS-BA:16</div><div>6</div><div>HEH-K:177</div><div>HNGS-BA:166</div></div><div><div>Length</div><div>50.97</div></div></div> <div><div>GR</div></div> <div><div>Offset</div><div>47.98</div></div>				
<div><div><div>HNGC-B:108</div><div>HNGH-A:46</div><div>HNGC-B:108</div></div><div><div>Length</div><div>42.78</div></div></div>				



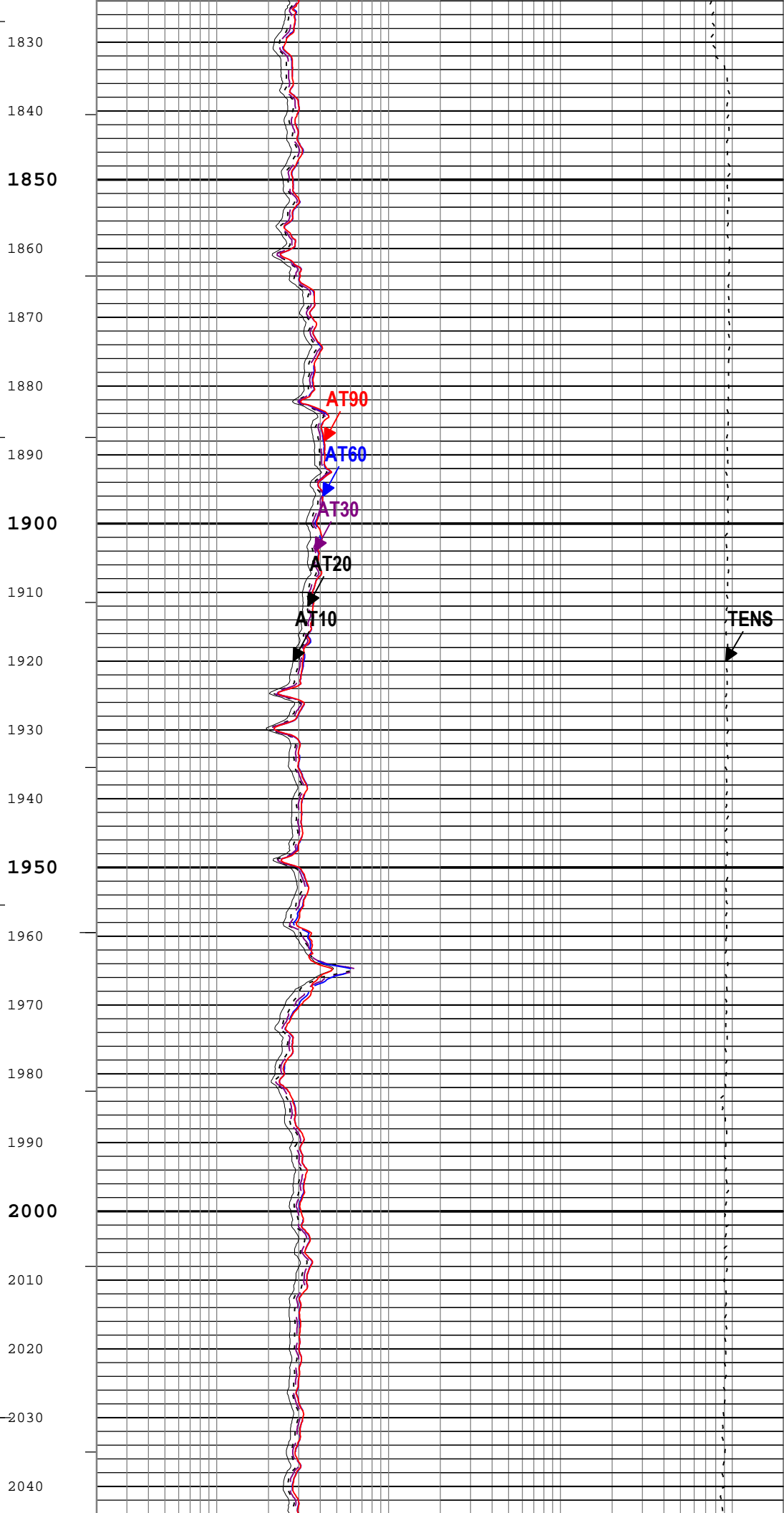
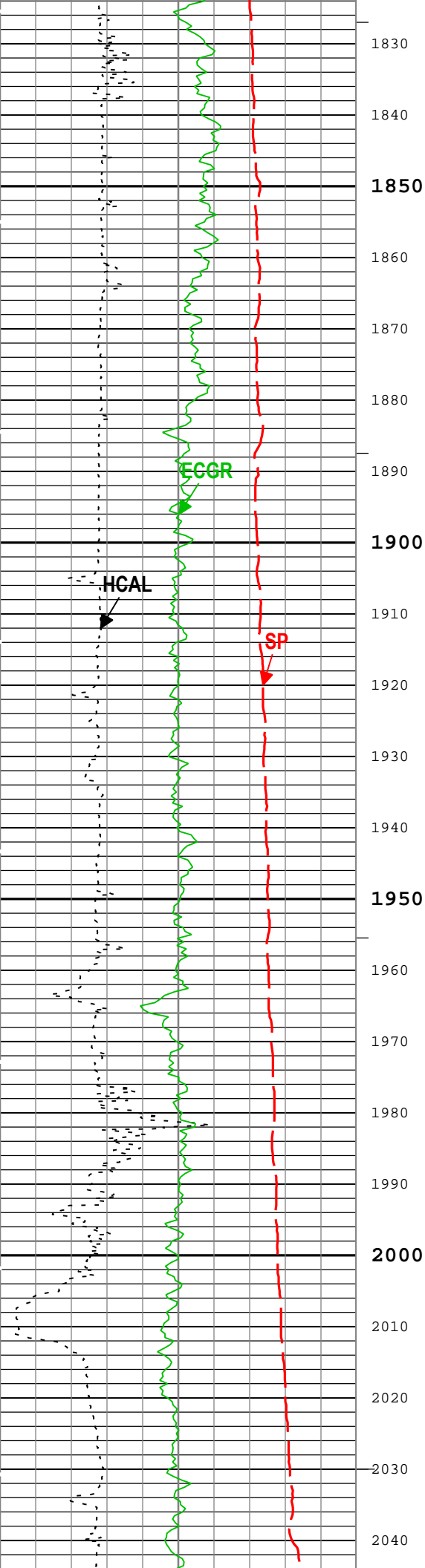
Depth Summary									
		One							
Depth Measuring Device									
Type	IDW-B								
Serial Number									
Calibration Date									
Calibrator Serial Number									
Calibration Cable Type	7-46axs								
Wheel Correction 1	0								
Wheel Correction 2	0								
Tension Device									
Type	CMTD-B/A								
Serial Number	146								
Calibration Date	26-Sep-2016								
Calibrator Serial Number									
Number of Calibration Points	10								
Calibration Root Mean Square Error	4								
Calibration Peak Error	7								
Logging Cable									
Type	7-46NT-XS								
Serial Number									
Length	24000.00 ft								
Conveyance Type	Wireline								
Rig Type									
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 device.				
Rig Up Length At Bottom					Z-chart used as secondary depth control device.				
Rig Up Length Correction									
Stretch Correction									
Tool Zero Check At Surface									
One									
5" Induction									
Integration Summary									
Output Channel(s)	Output Description			Input Parameter			Output Value		Unit
ICV	Integrated Cement Volume			GCSE_UP_PASS, FCD			785.7		ft3
IHV	Integrated Hole Volume			GCSE_UP_PASS			2208.19		ft3
Software Version									
Acquisition System						Version			
Maxwell 2016 SP2						6.2.68624.3100			
Pass Summary									
Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
One	Log411-Up	Up	1287.81 ft	6810.88 ft	28-Sep-2016	28-Sep-2016	ON	4.00 ft	Yes

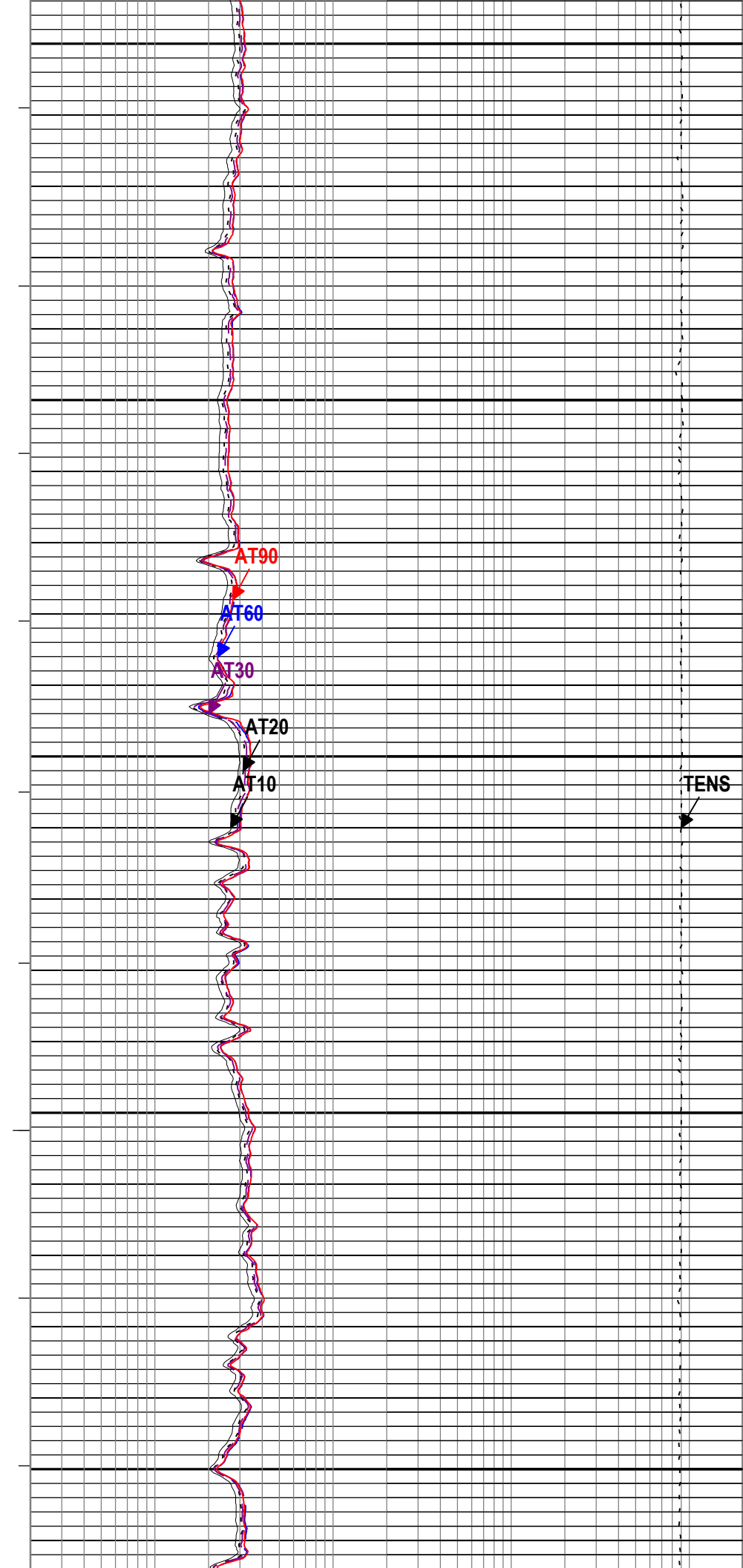
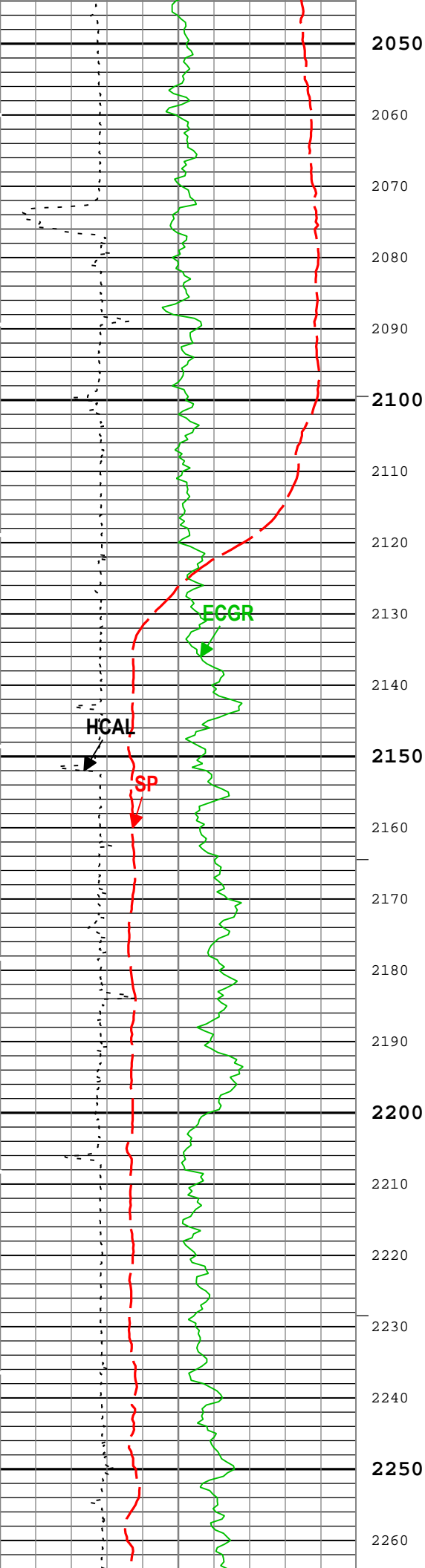


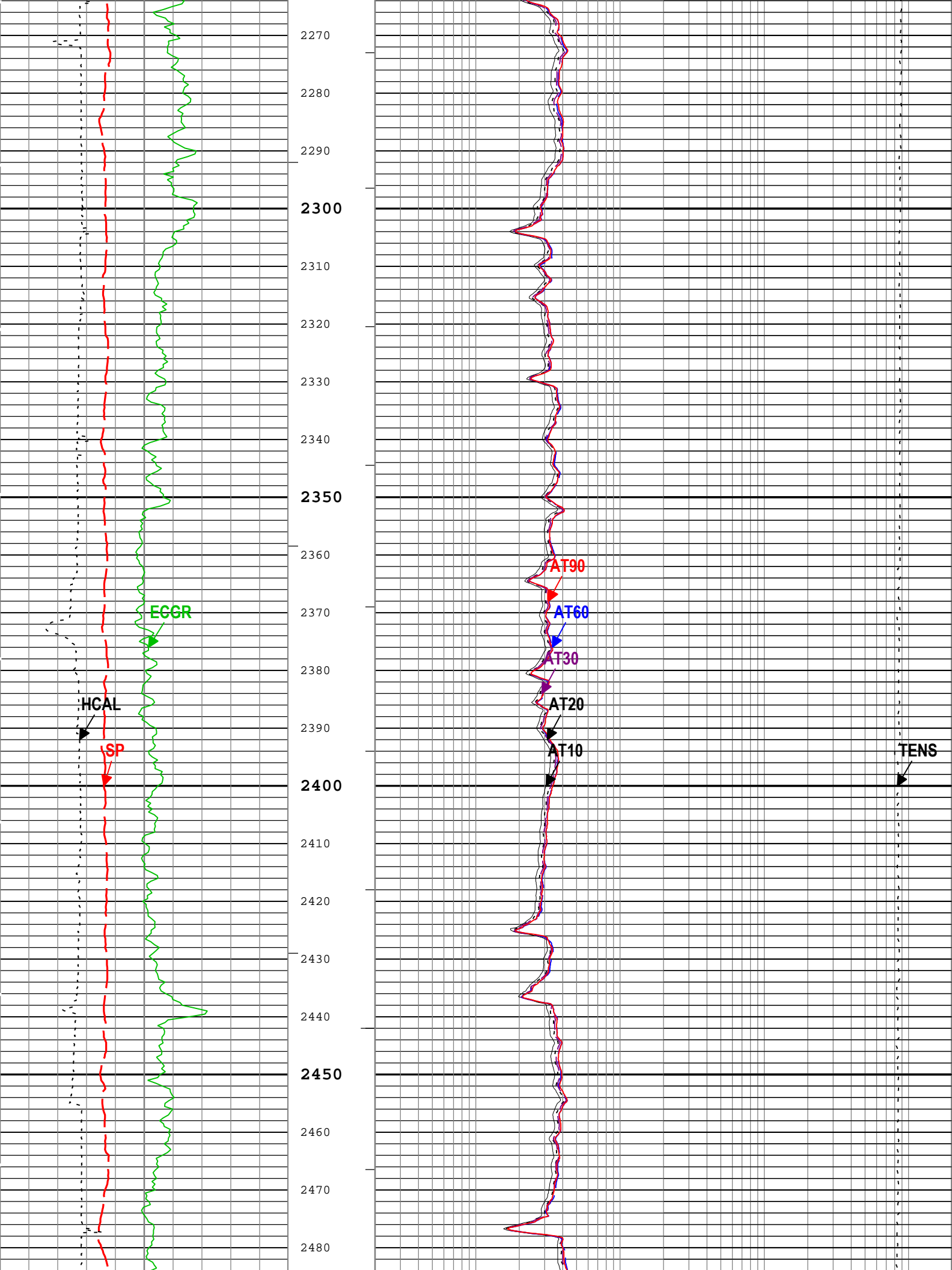


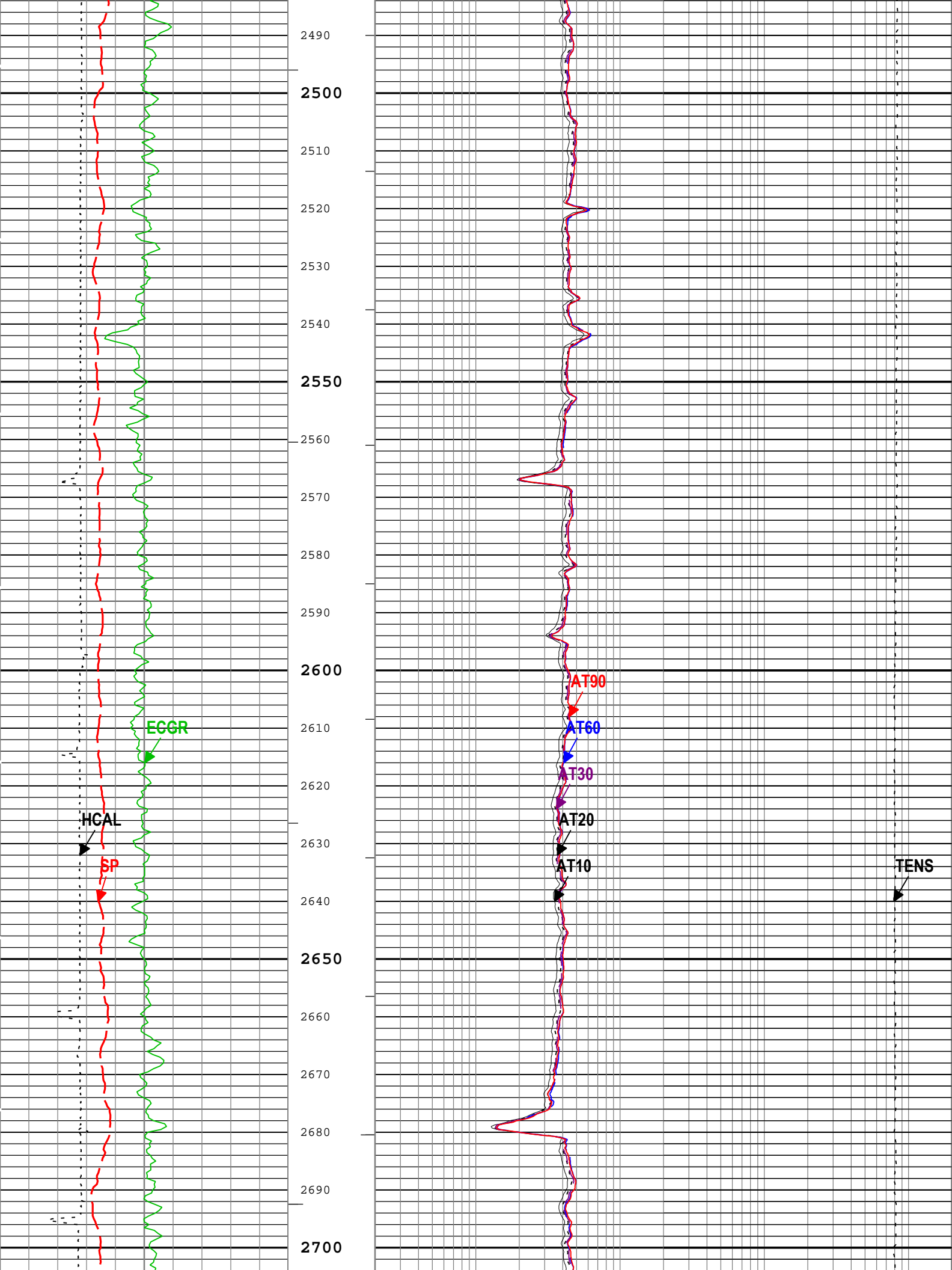


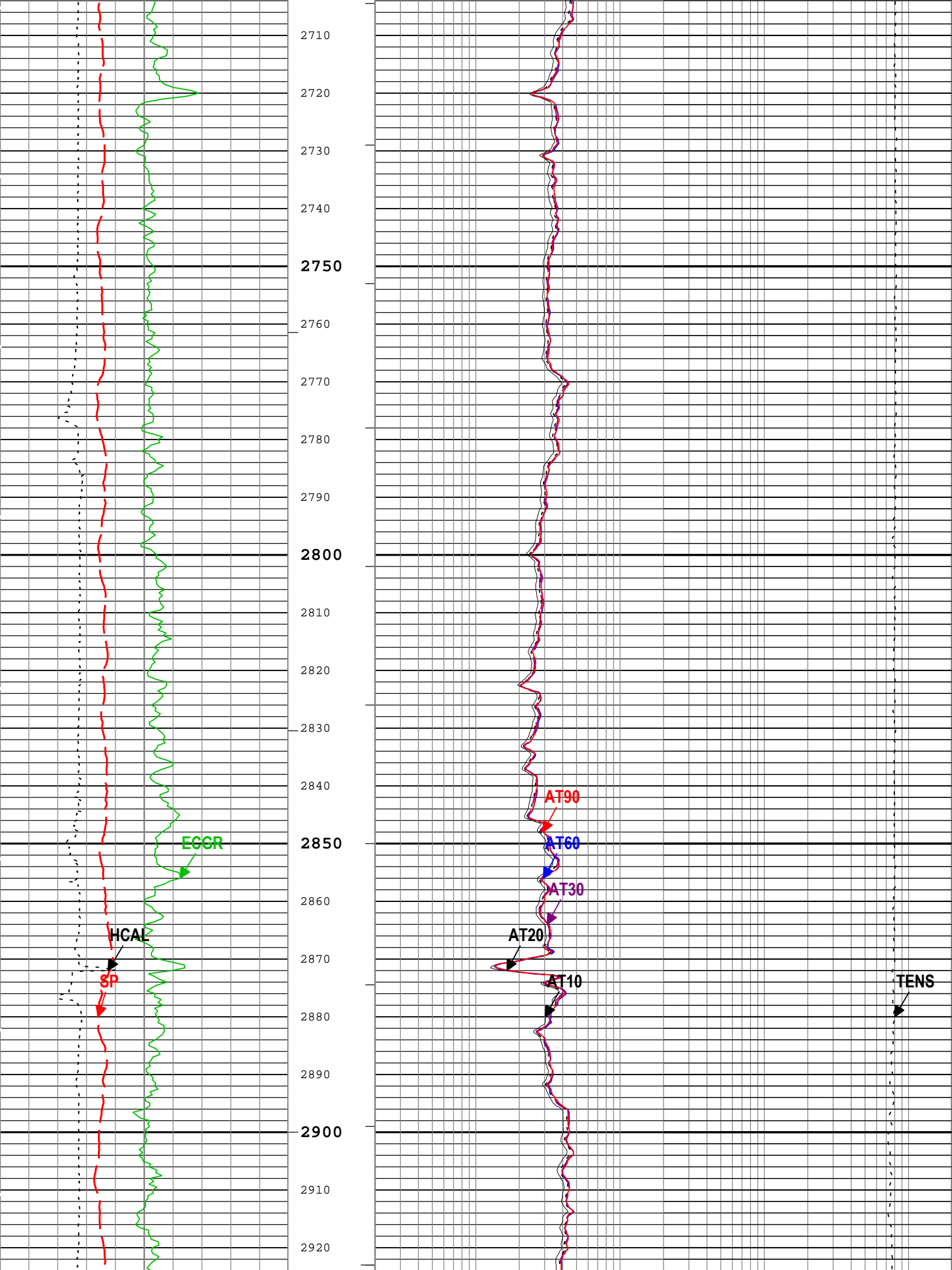


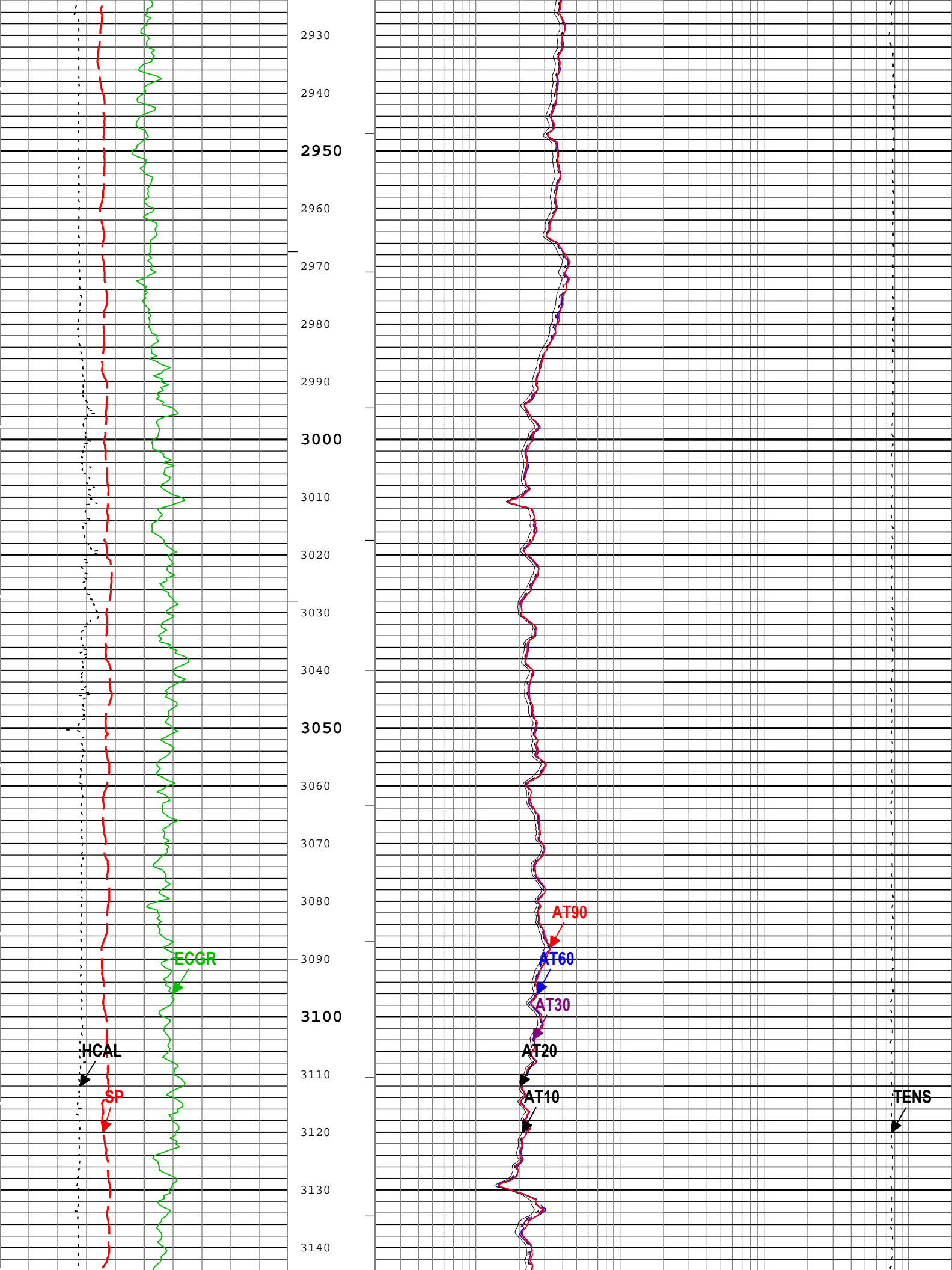


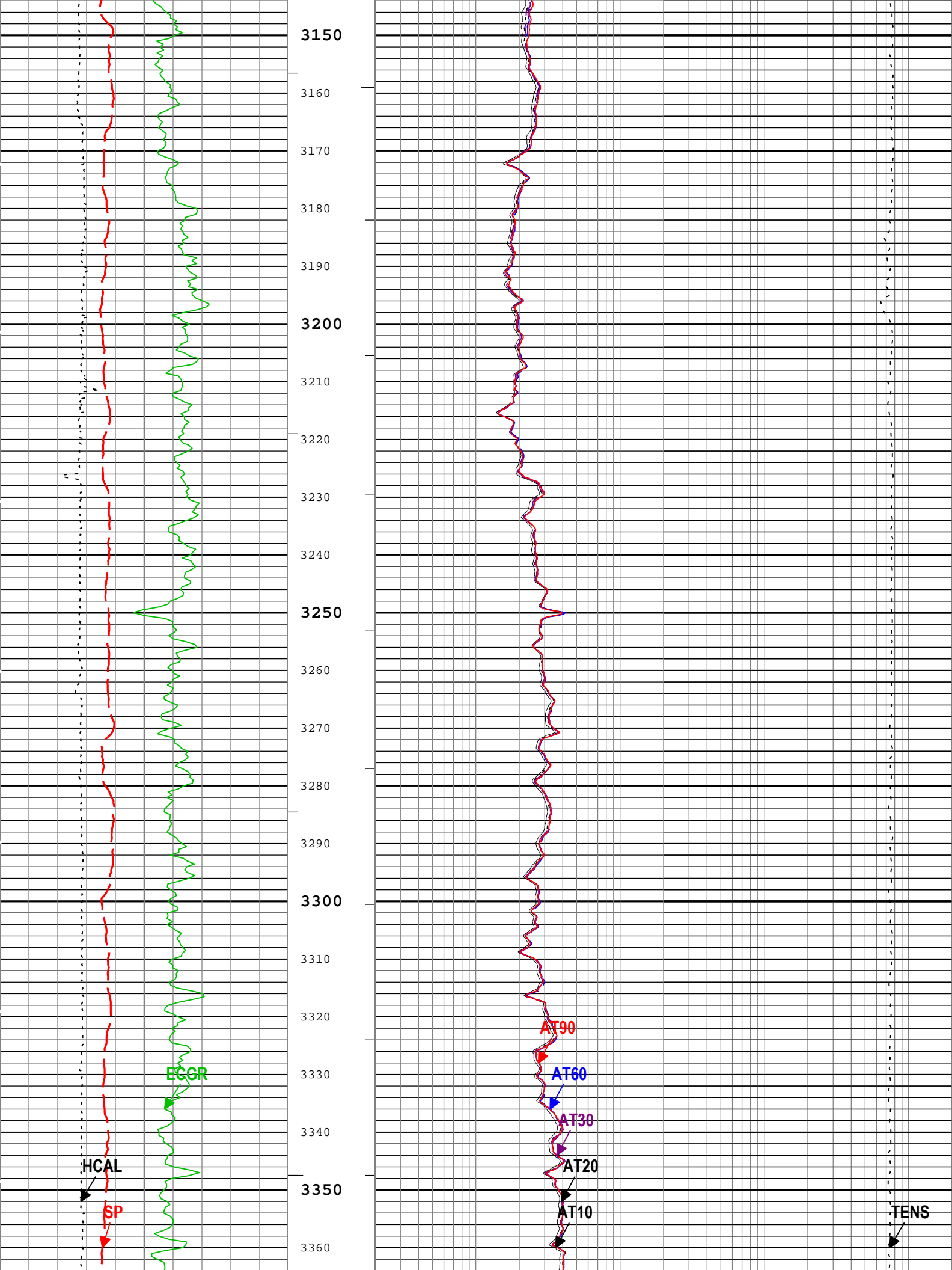


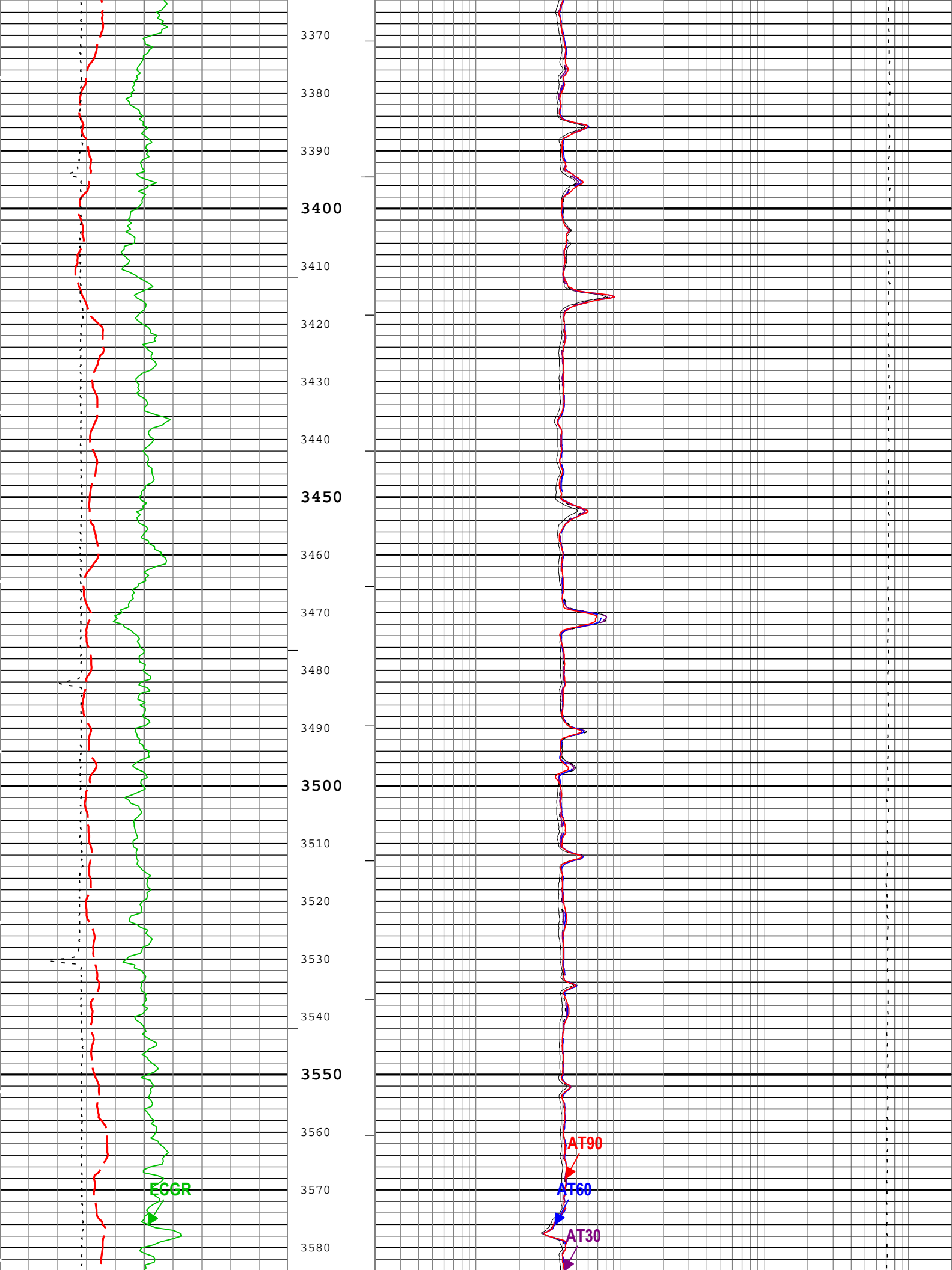




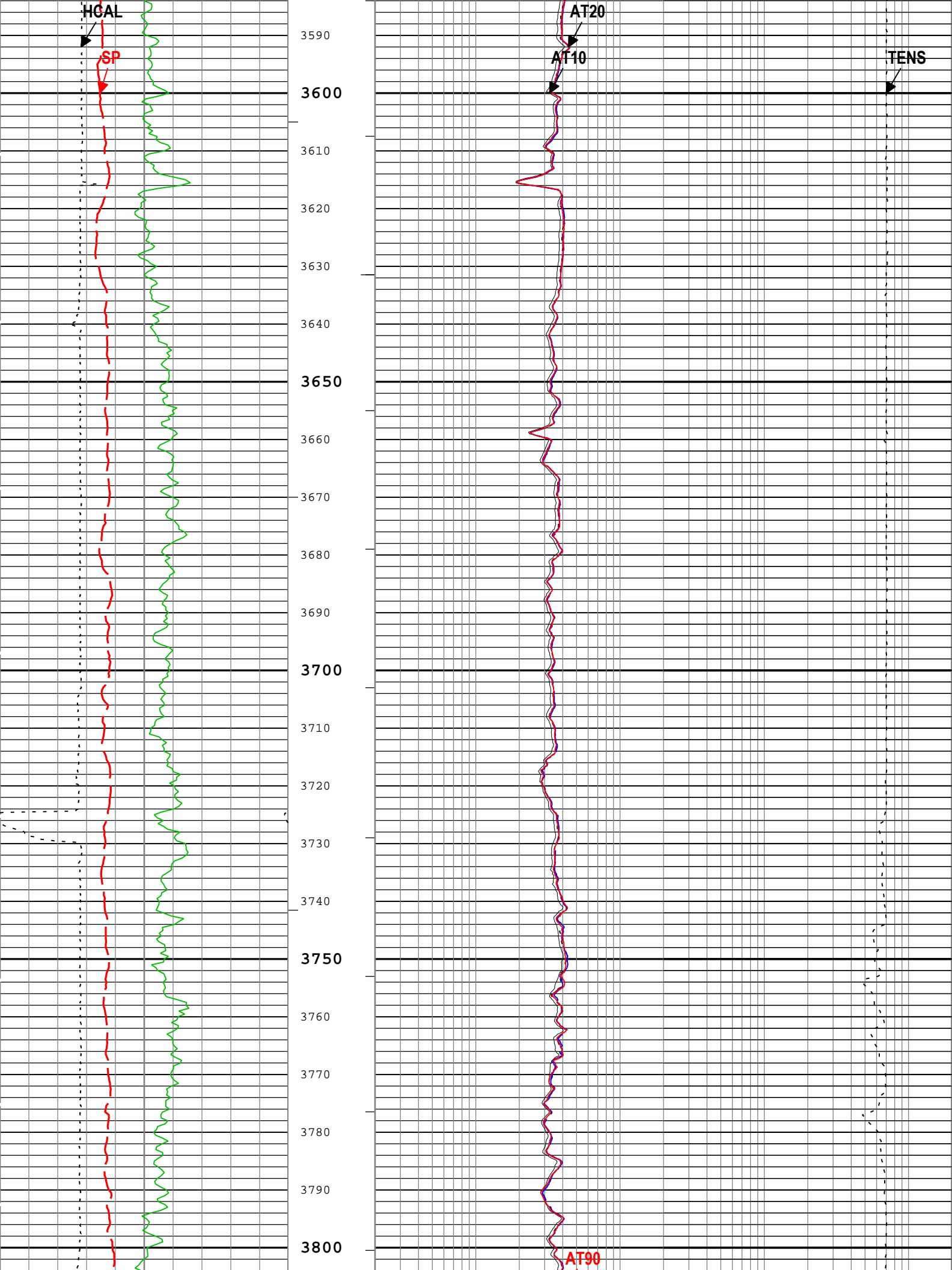


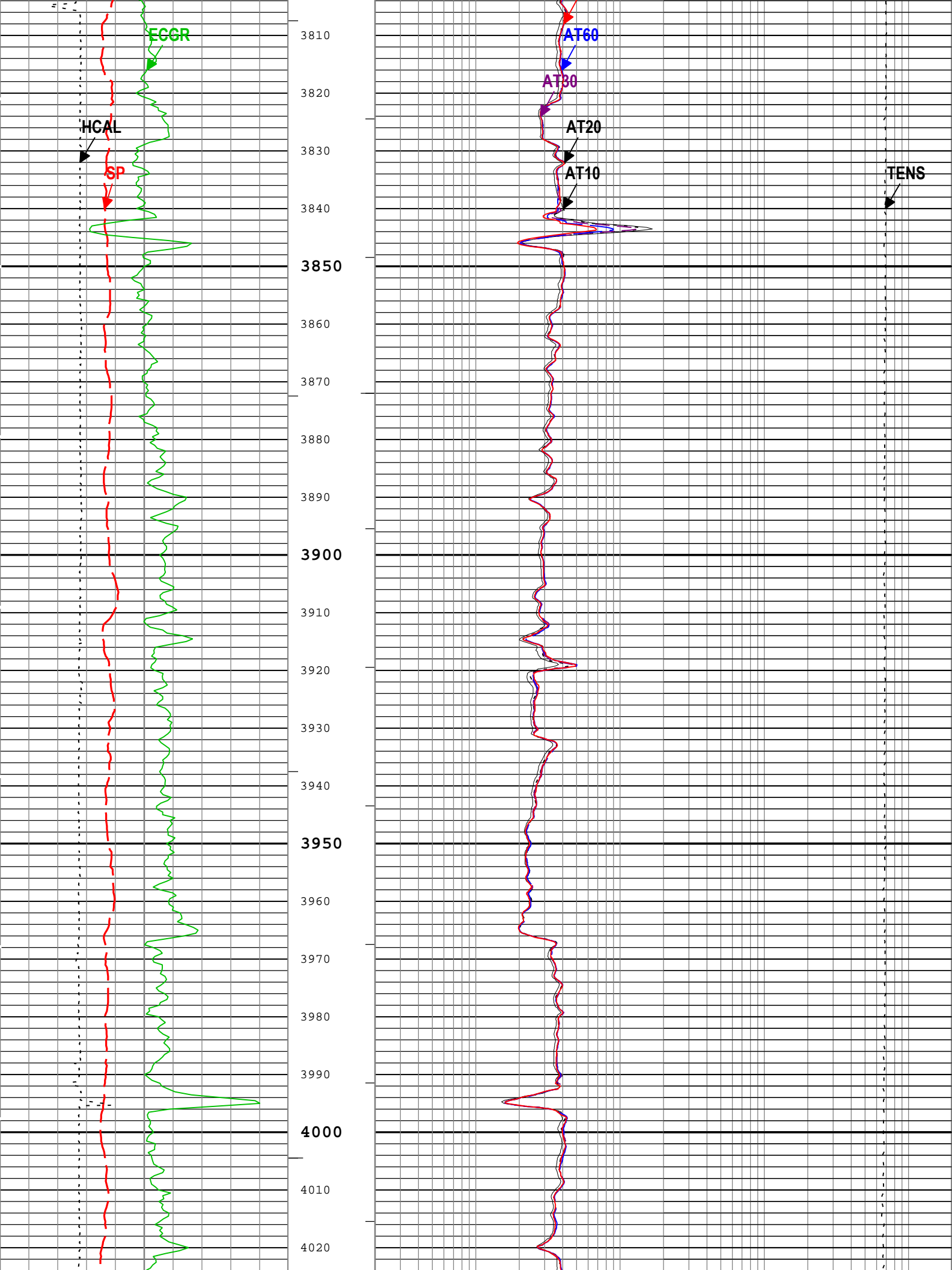


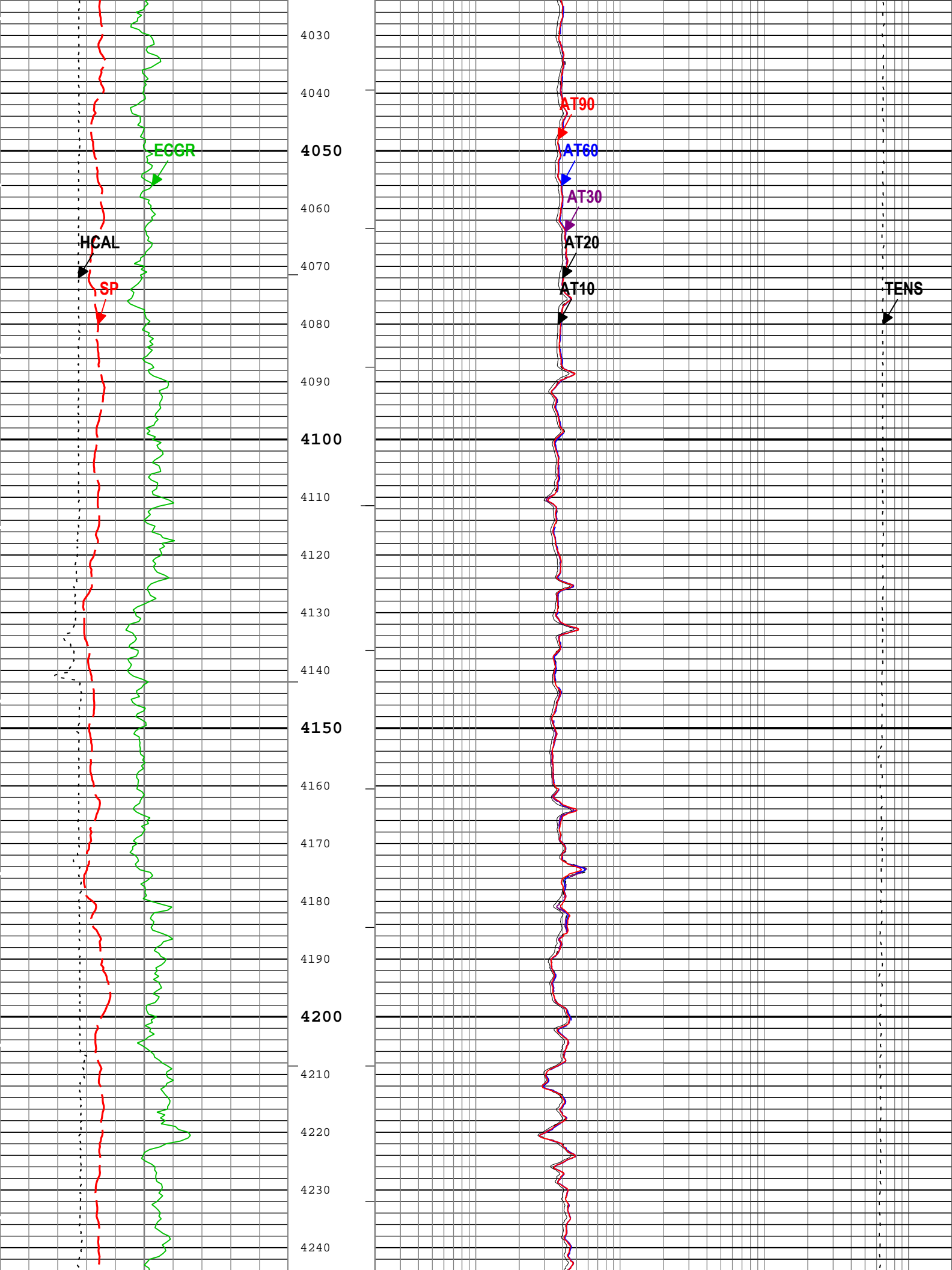


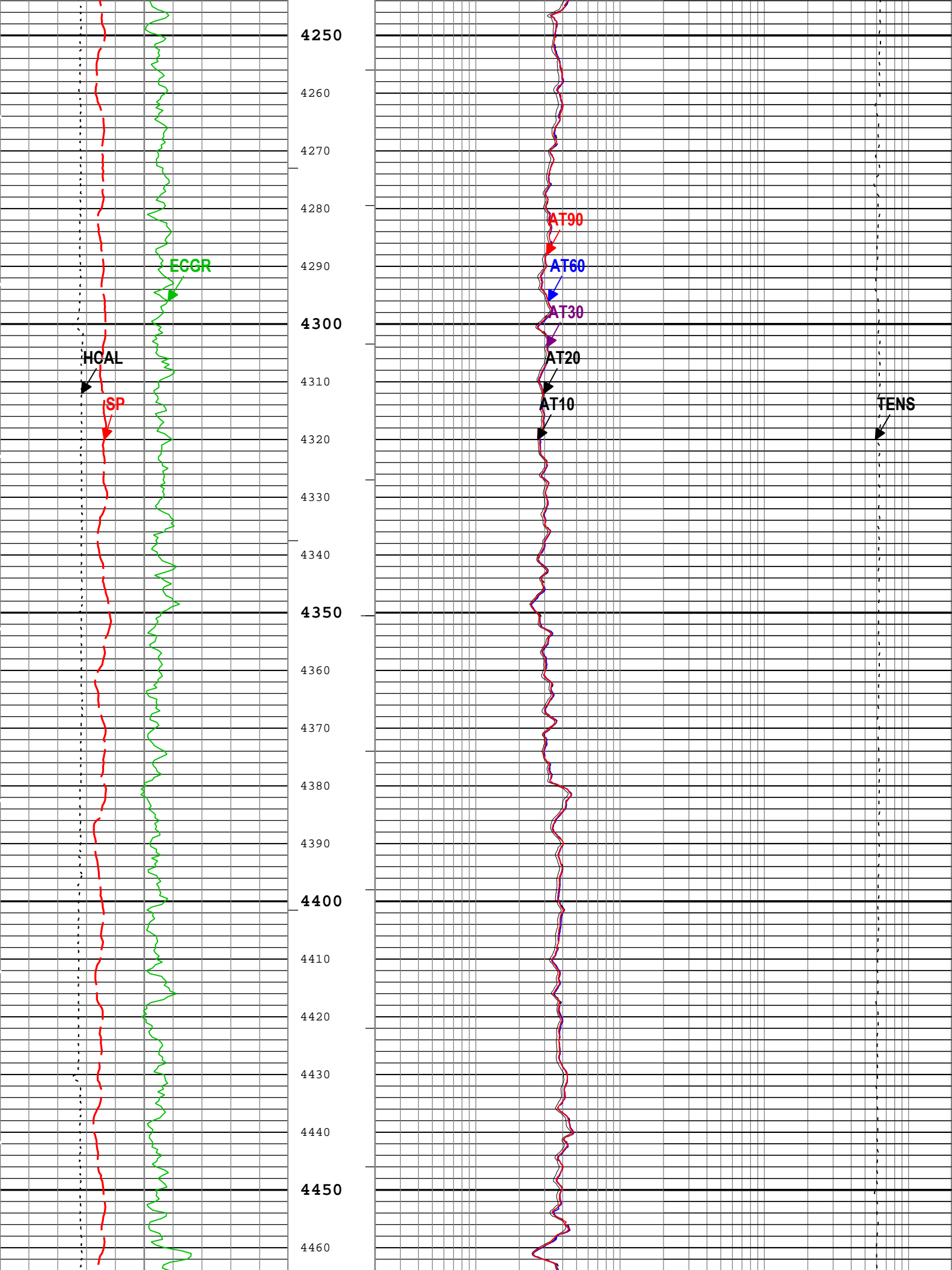


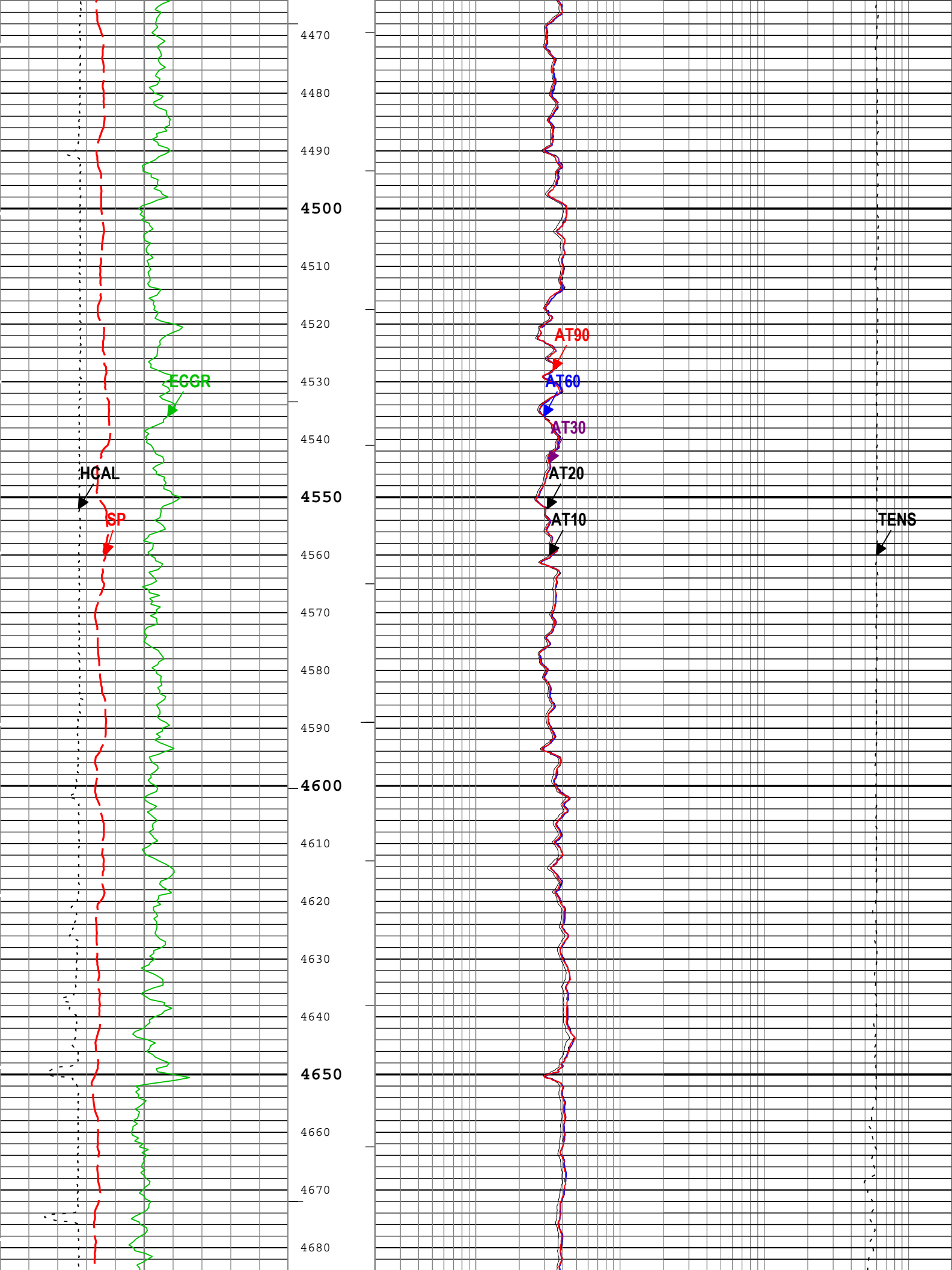




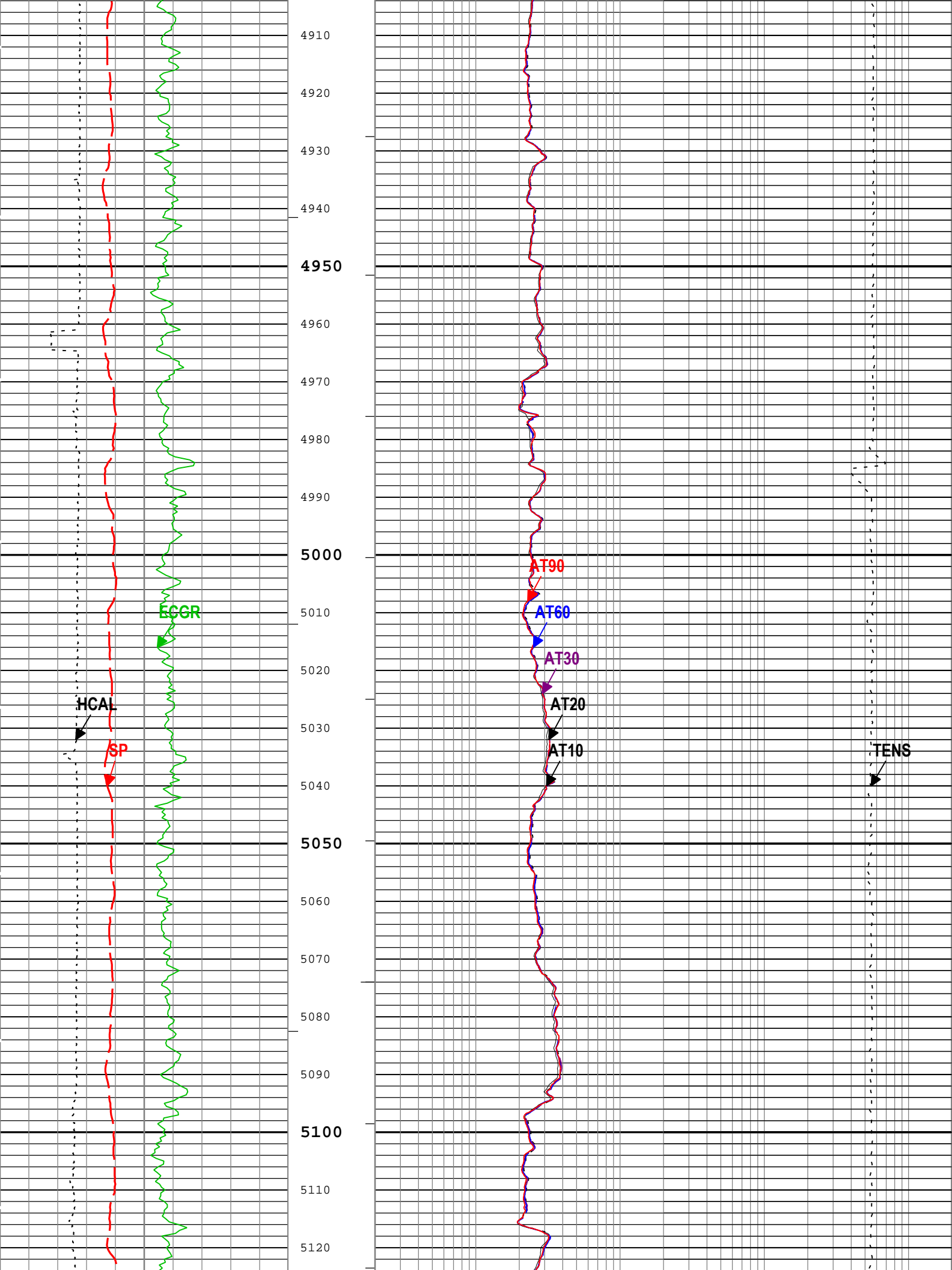


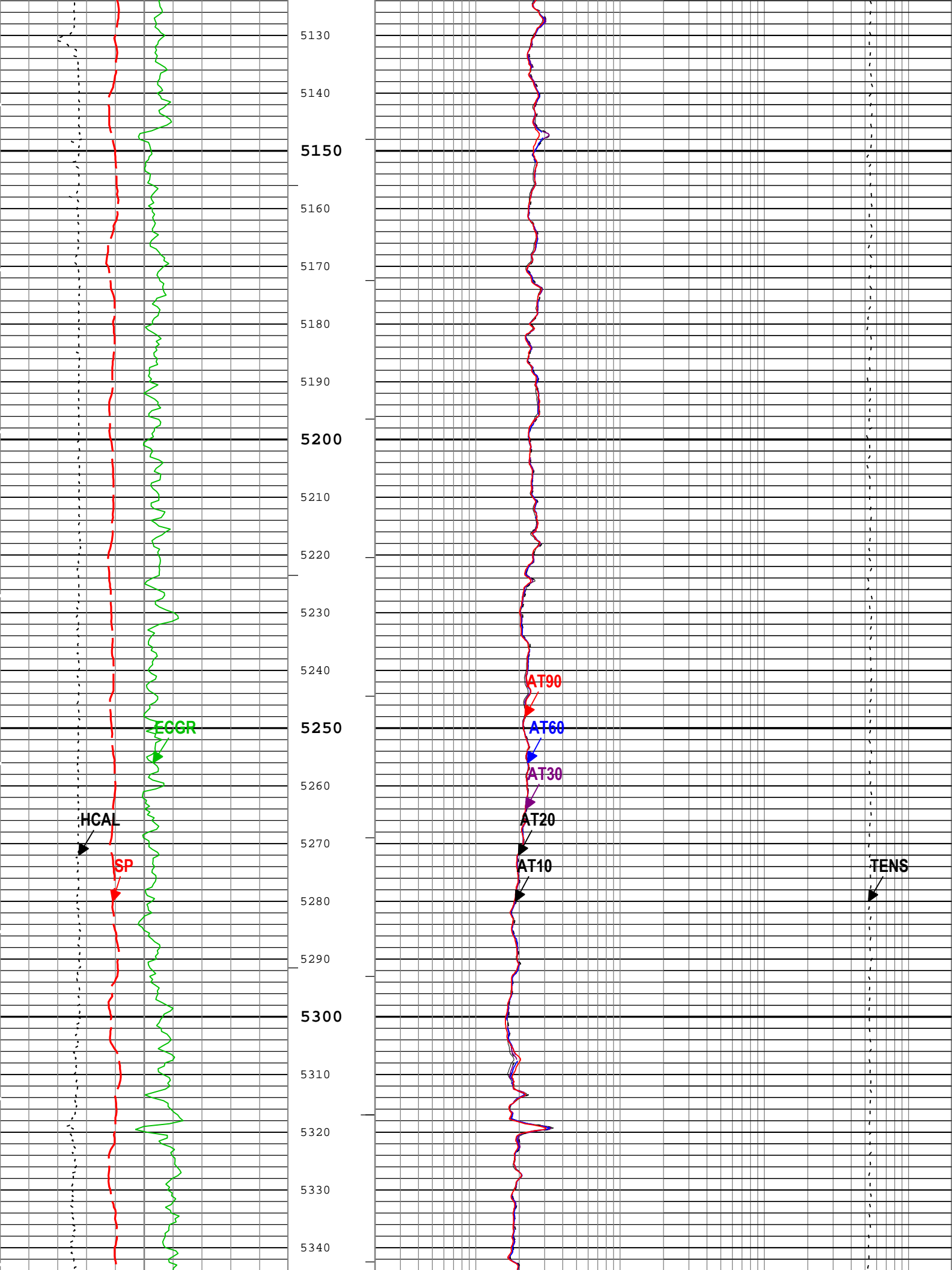




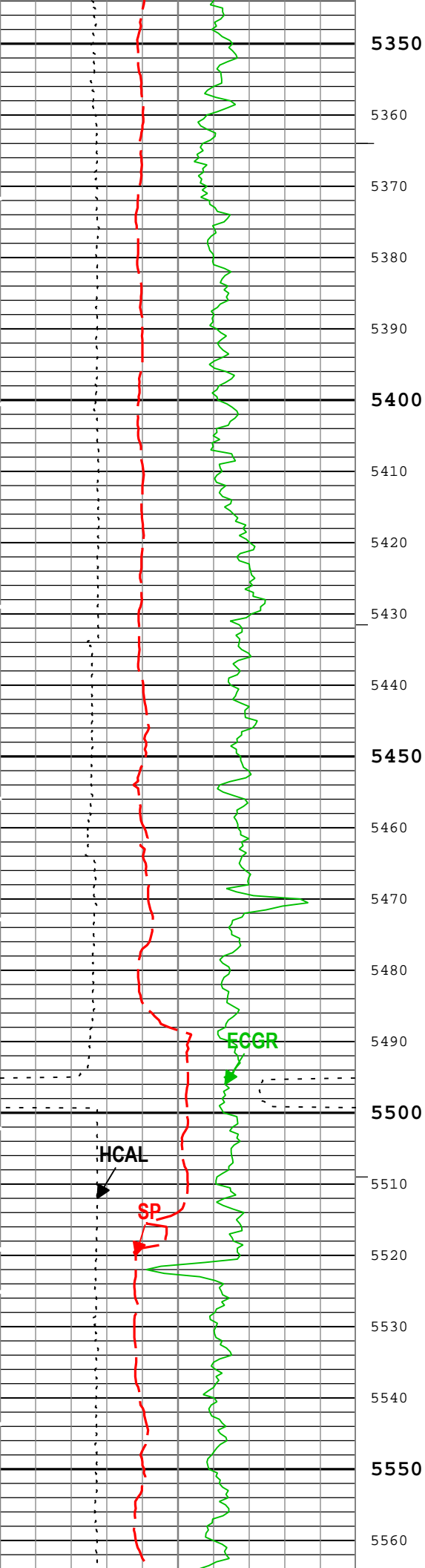












5350

5360

5370

5380

5390

5400

5410

5420

5430

5440

5450

5460

5470

5480

5490

5500

5510

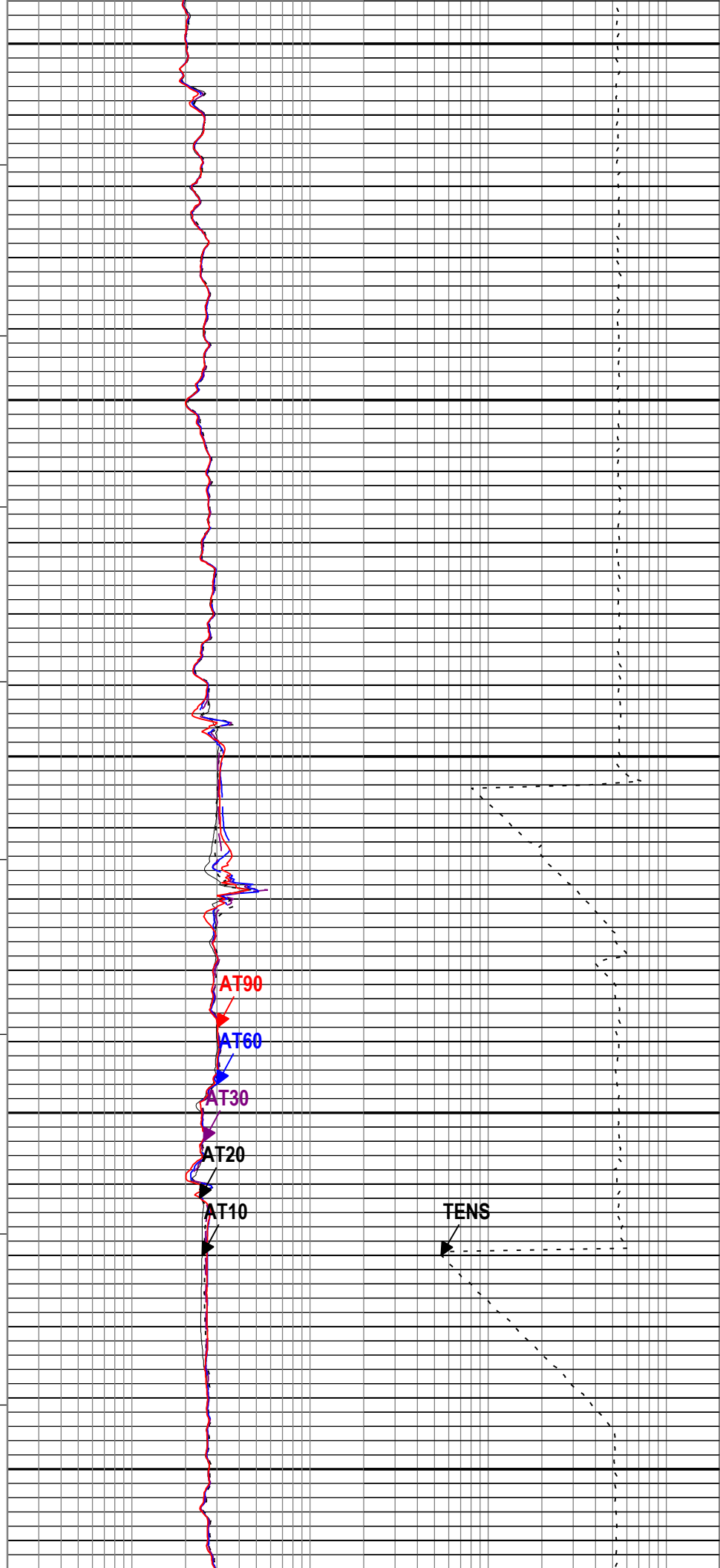
5520

5530

5540

5550

5560



AT90

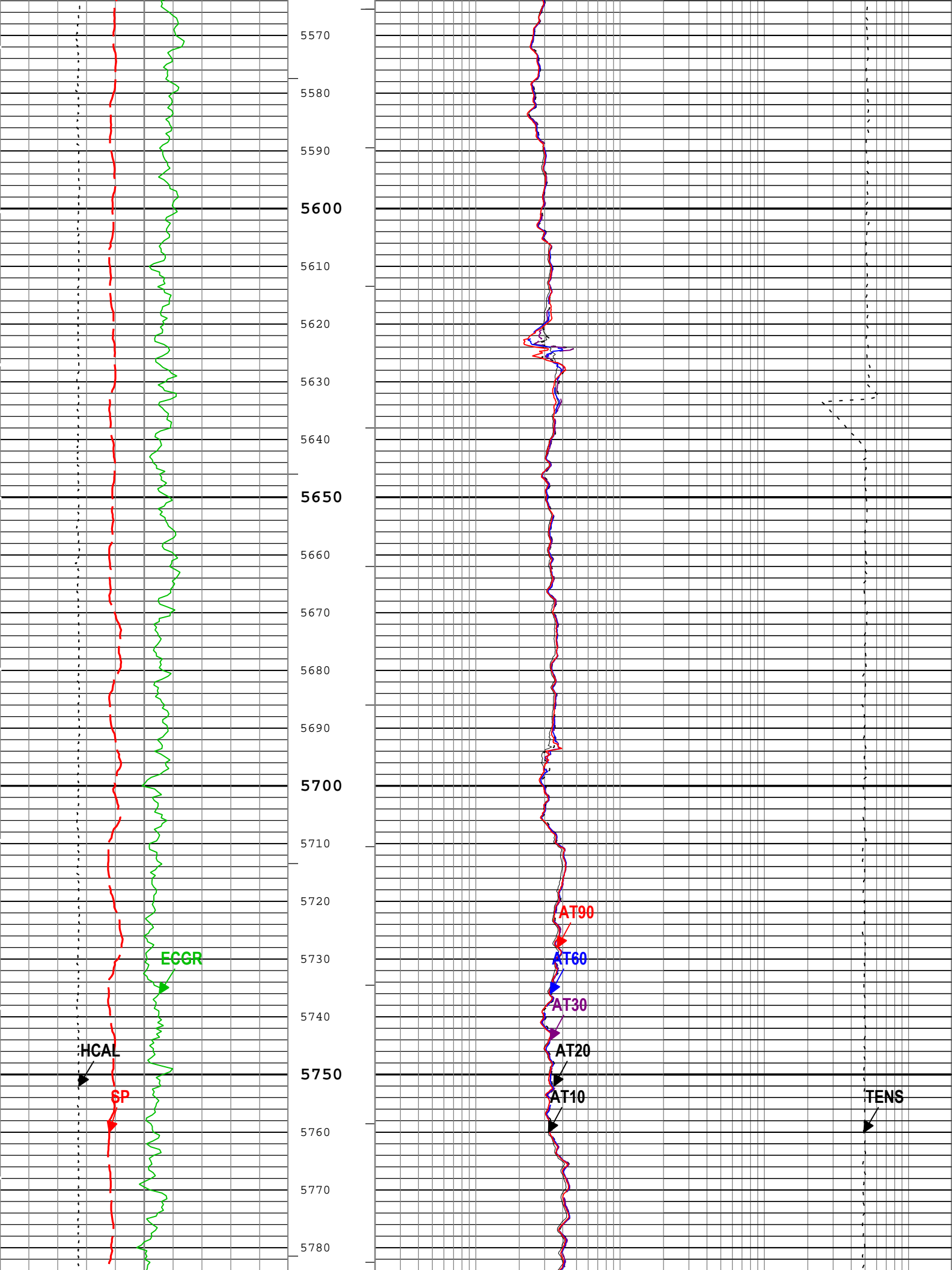
AT60

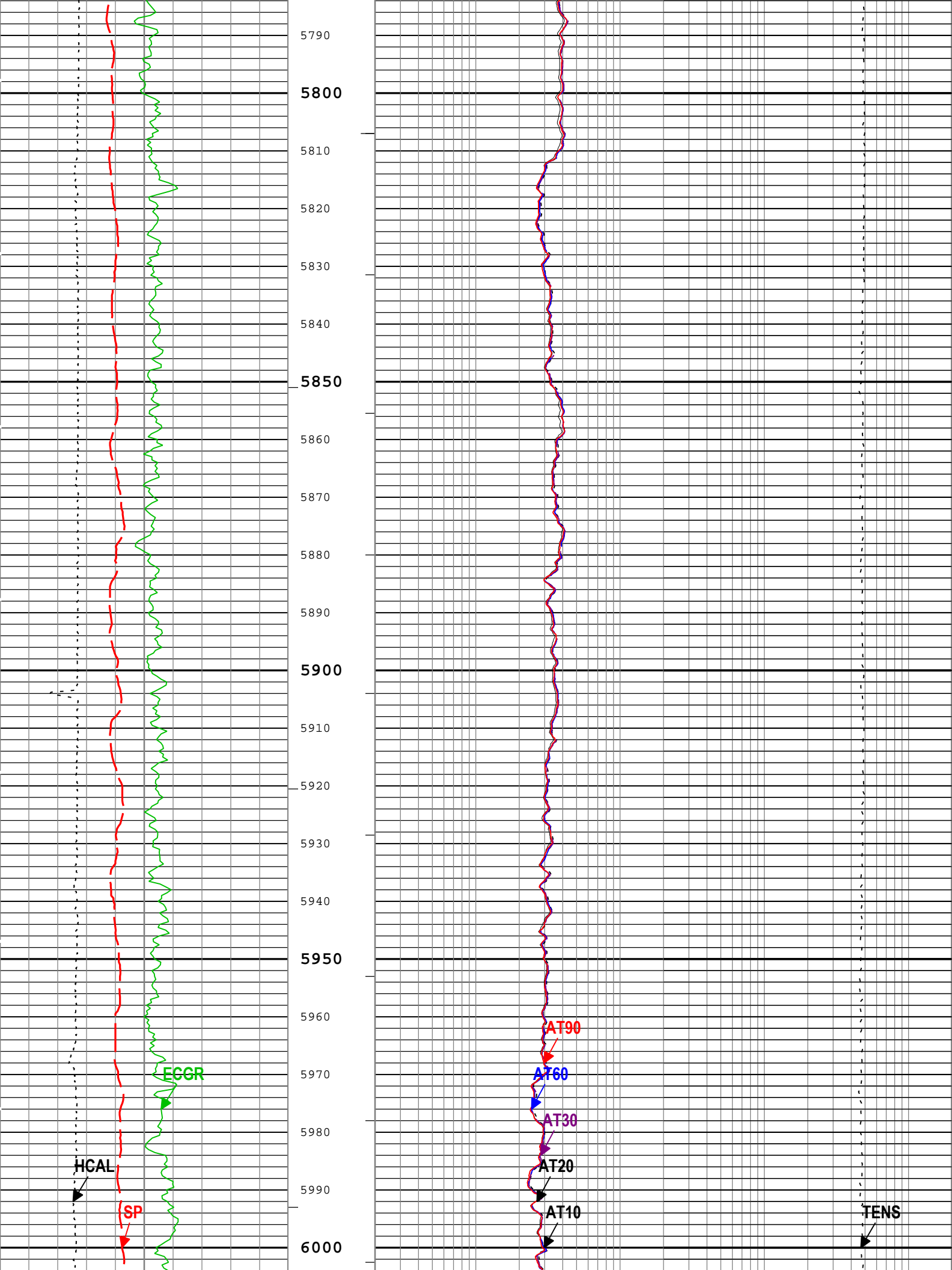
AT30

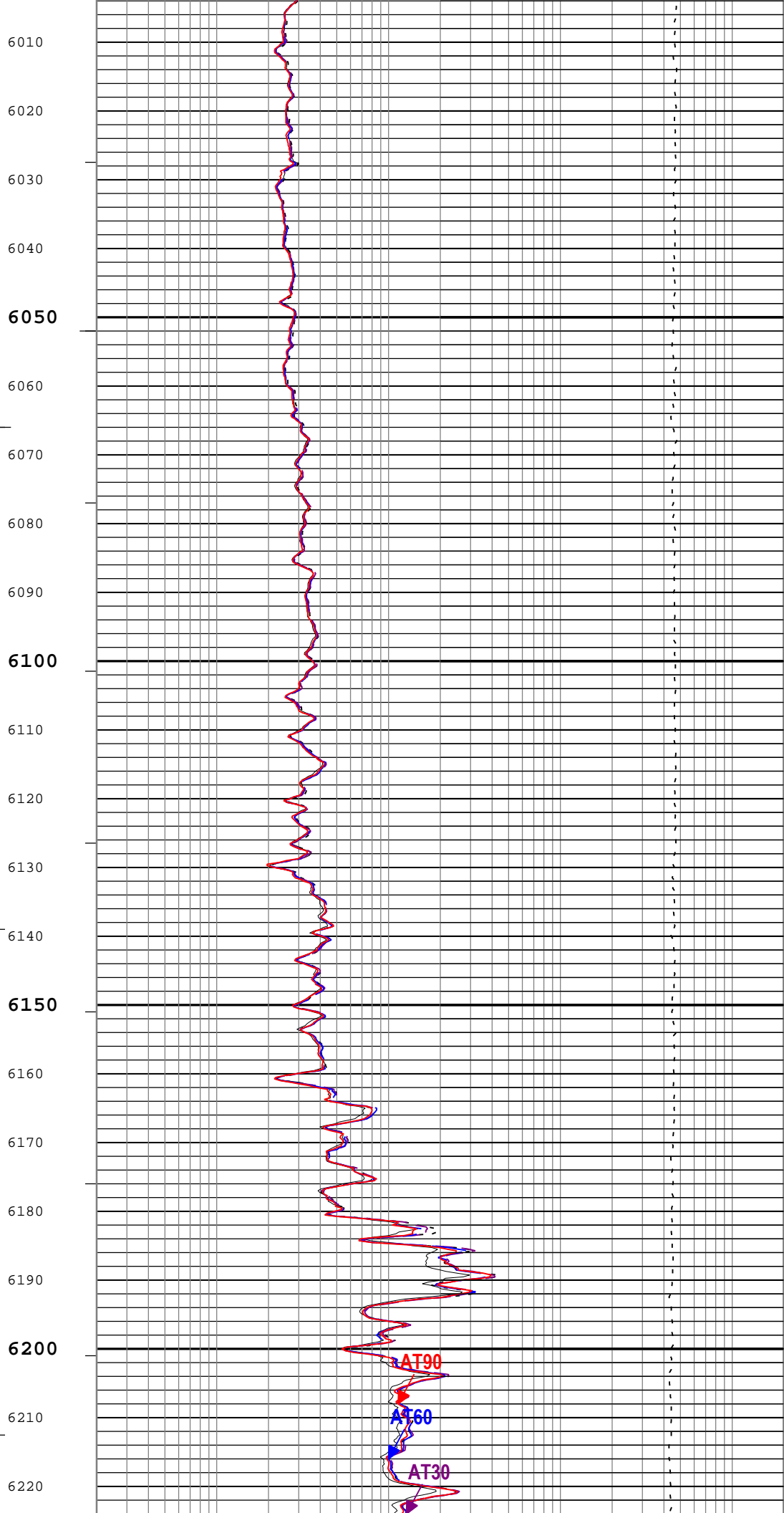
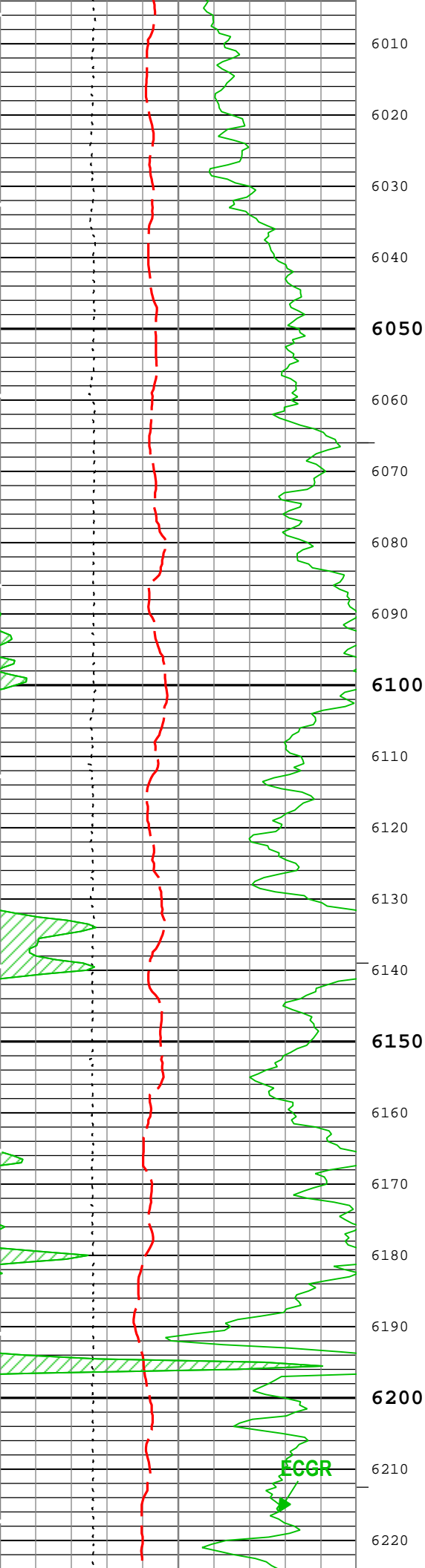
AT20

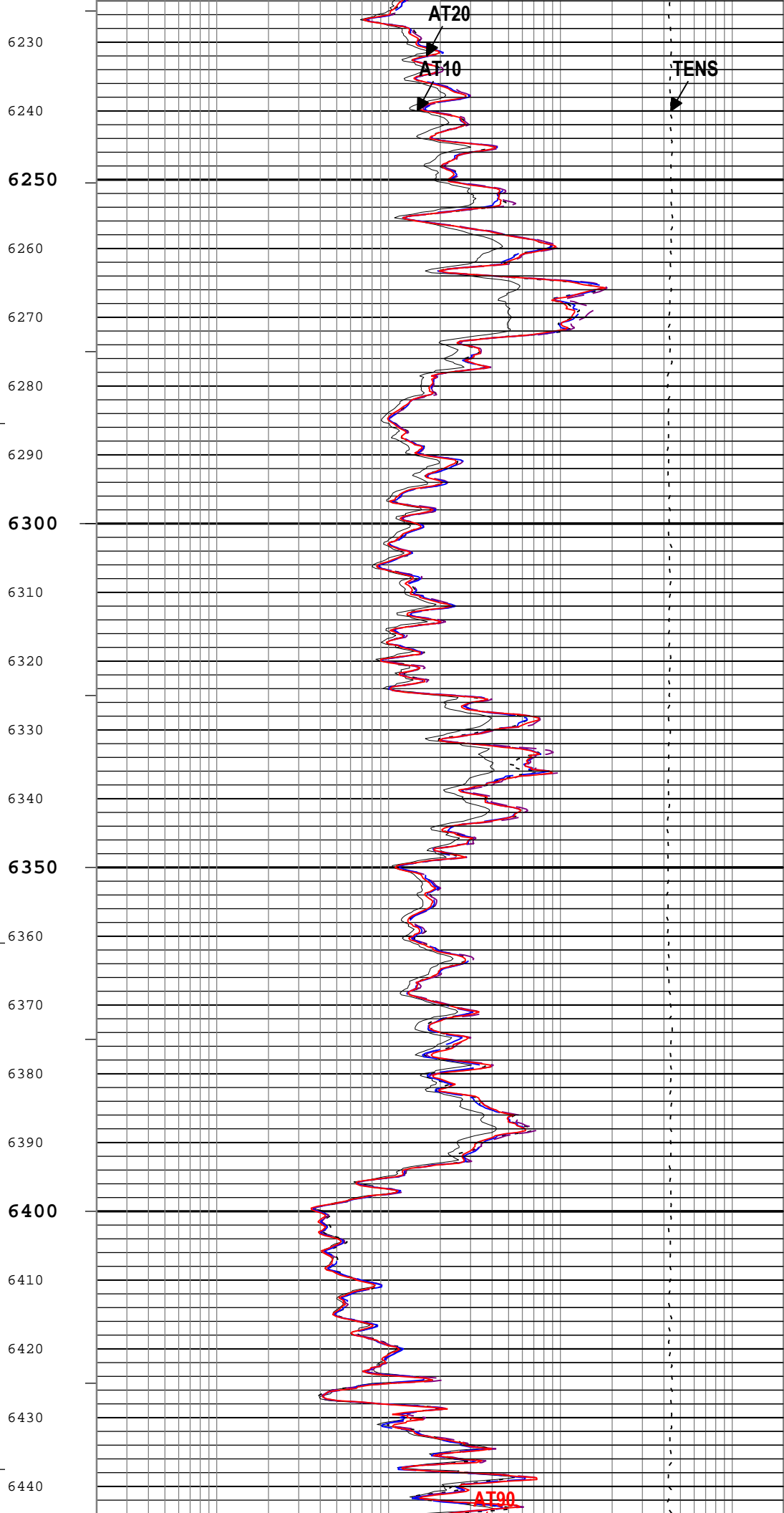
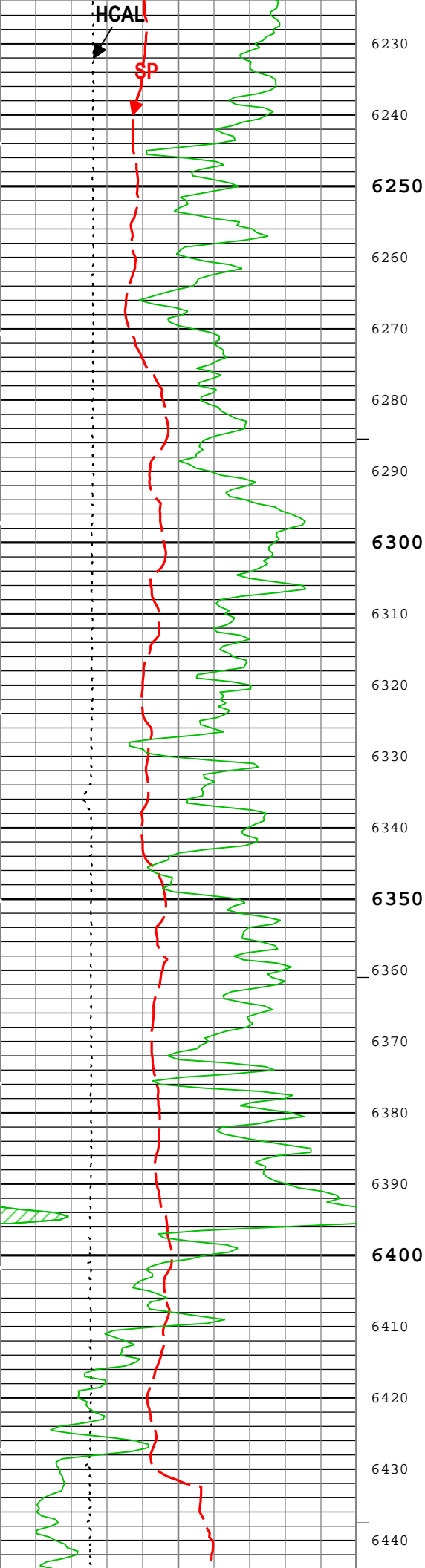
AT10

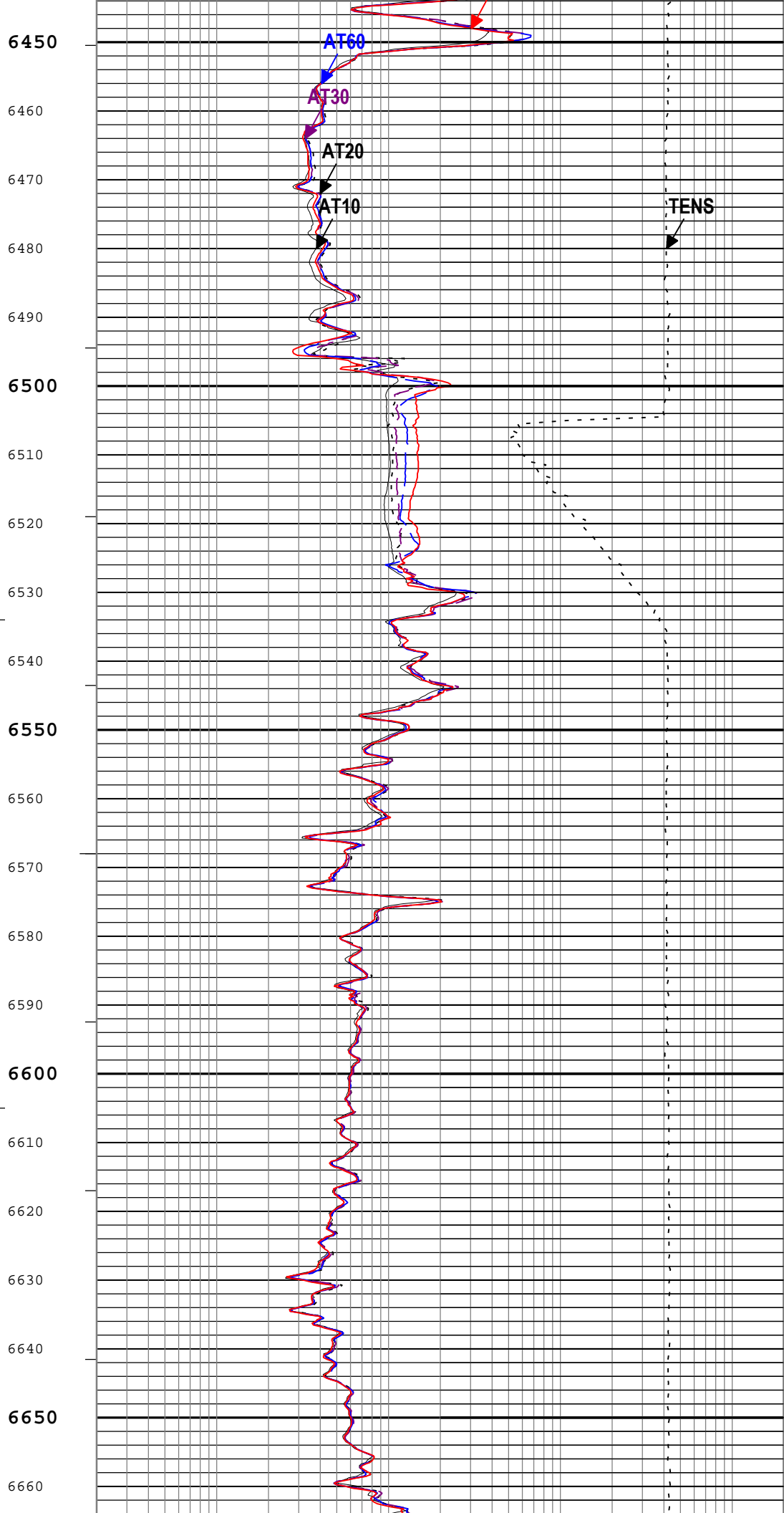
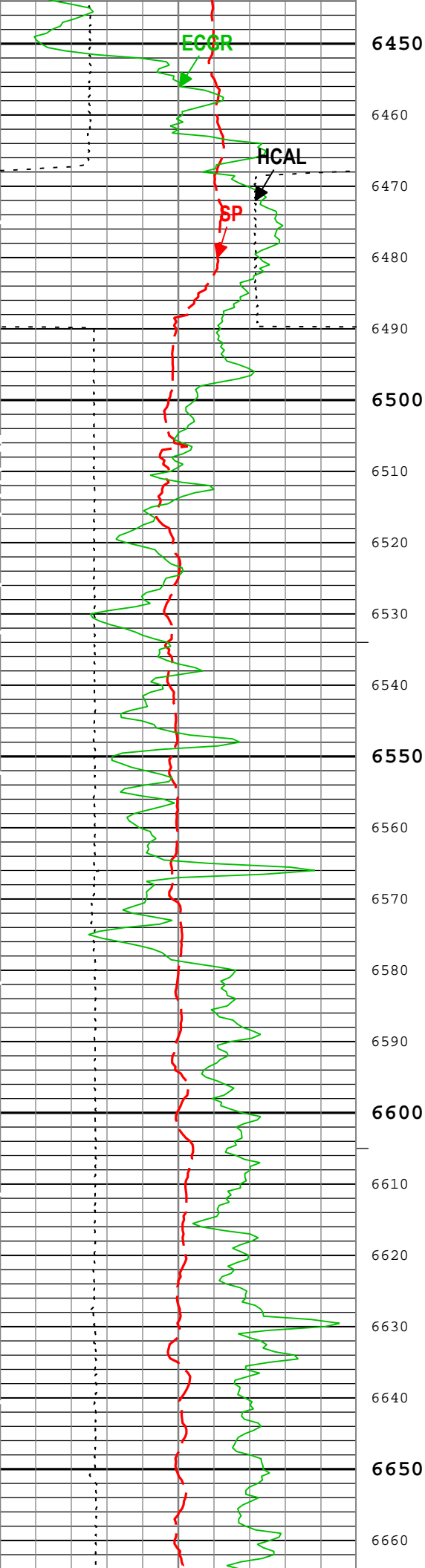
TENS

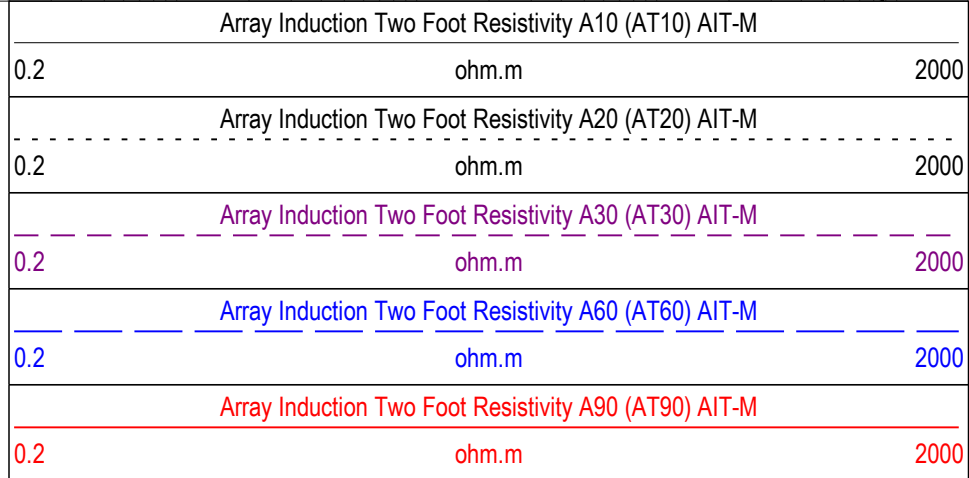
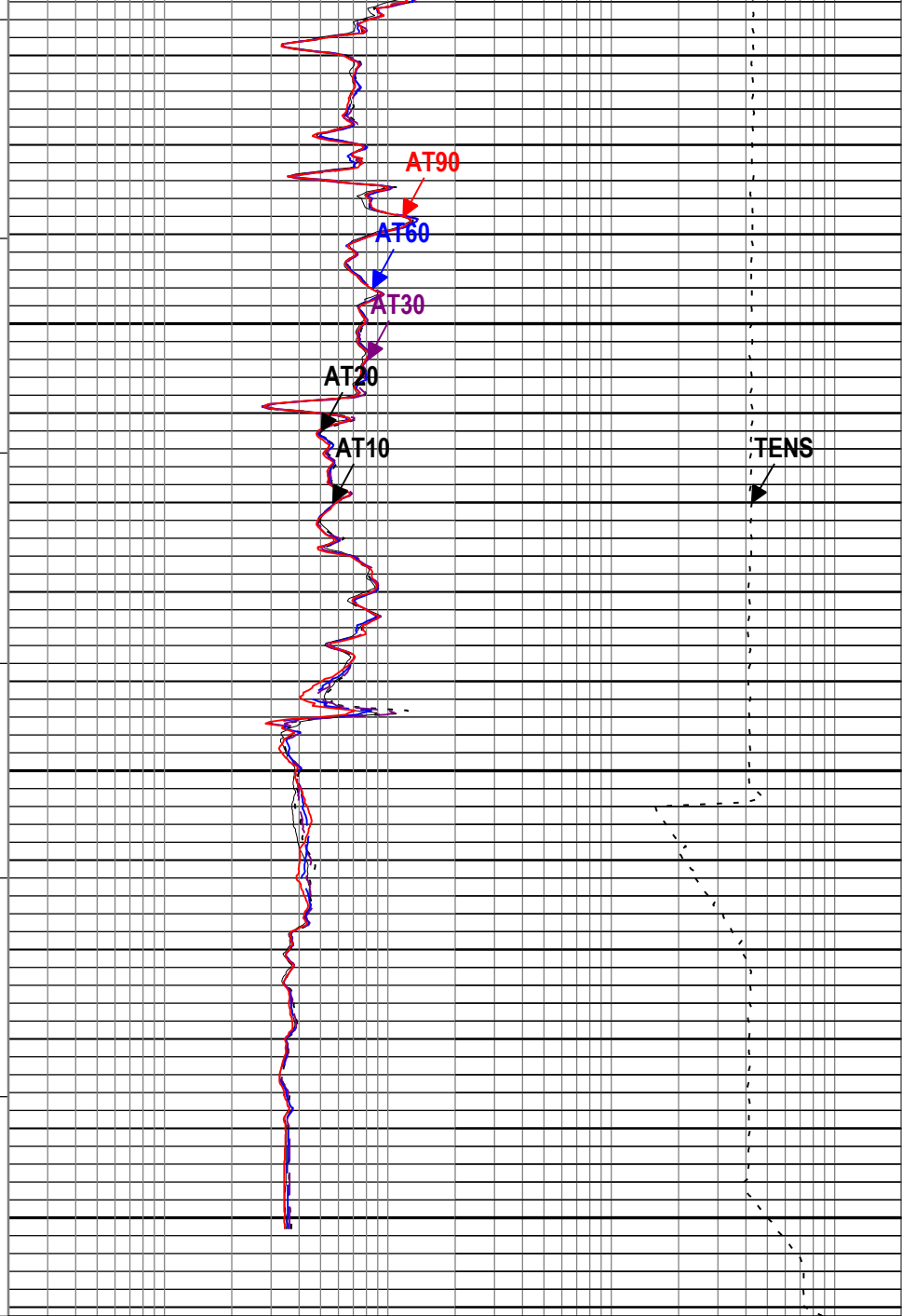
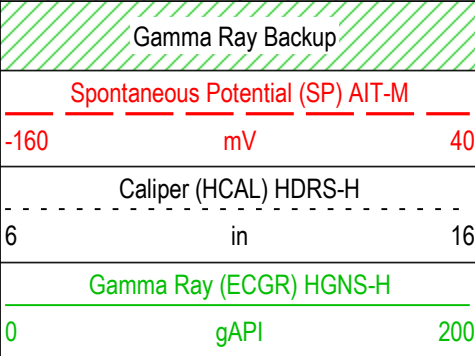
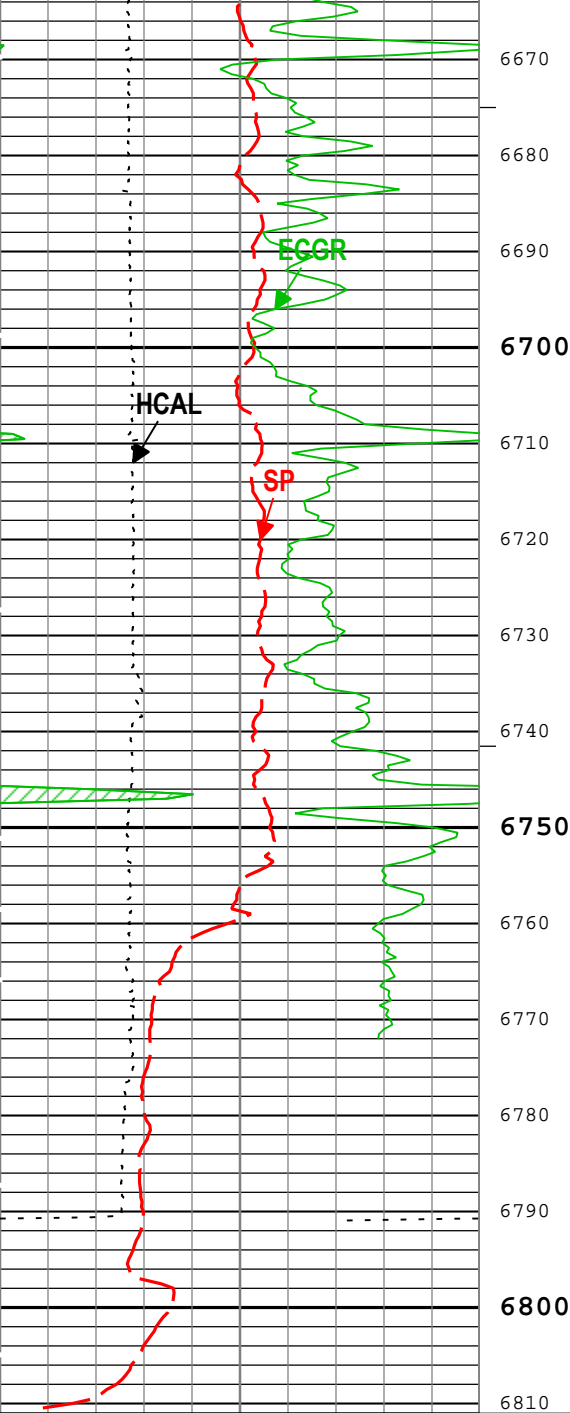












TIME\_1900 - Time Marked every 60.00 (s)

ICV - Integrated Cement Volume every 100.00 (ft3)

ICV - Integrated Cement Volume every 10.00 (ft3)

—IHV - Integrated Hole Volume every 10.00 (ft3)

Channel Processing Parameters	
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Parameter	Description	Tool	Value	Unit
ABHM	Array Induction Borehole Correction Mode	AIT-M	Compute Standoff	
ASTA	Array Induction Tool Standoff	AIT-M	1.425	in
ISSBAR	Barite Mud Presence Flag	Borehole	No	
BHS	Borehole Status (Open or Cased Hole)	Borehole	Open	
BHT	Bottom Hole Temperature	Borehole	216	degF
BS	Bit Size	WLSESSION	Depth Zoned	in
CALI_SHIFT	CALI Supplementary Offset	HDRS-H	-0.8	in
CBLO	Casing Bottom (Logger)	WLSESSION	1465	ft
CDEN	Cement Density	HGNS-H	2	g/cm3
CSODDRL	Casing Outer Diameter - Zoned along driller depths	WLSESSION	9.625	in
DFD	Drilling Fluid Density	Borehole	9.7	lbm/gal
DFT	Drilling Fluid Type	Borehole	Water	
FCD	Future Casing (Outer) Diameter	WLSESSION	7	in
GCSE_DOWN_PASS	Generalized Caliper Selection for WL Log Down Passes	Borehole	BS(RT)	
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	REMS(RT)	
GTSE	Generalized Temperature Selection, from Measured or Computed Temperature	Borehole	CTEM	
MST	Mud Sample Temperature	Borehole	75.3	degF
RMS	Resistivity of Mud Sample	Borehole	2.24	ohm.m
SOCO	Standoff Correction Option	HGNS-H	Yes	
SPDR	SP Drift Per Foot	AIT-M	0	mV/ft

Parameter	Value	Start ( ft )	Stop ( ft )
BS	13.5	1331	1465
BS	8.75	1465	6800

Tool Control Parameters	
-------------------------	--

Parameter	Description	Tool	Value	Unit
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	1800	ft/h

## 5" Induction

Acquisition System	Version
Maxwell 2016 SP2	6.2.68624.3100

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
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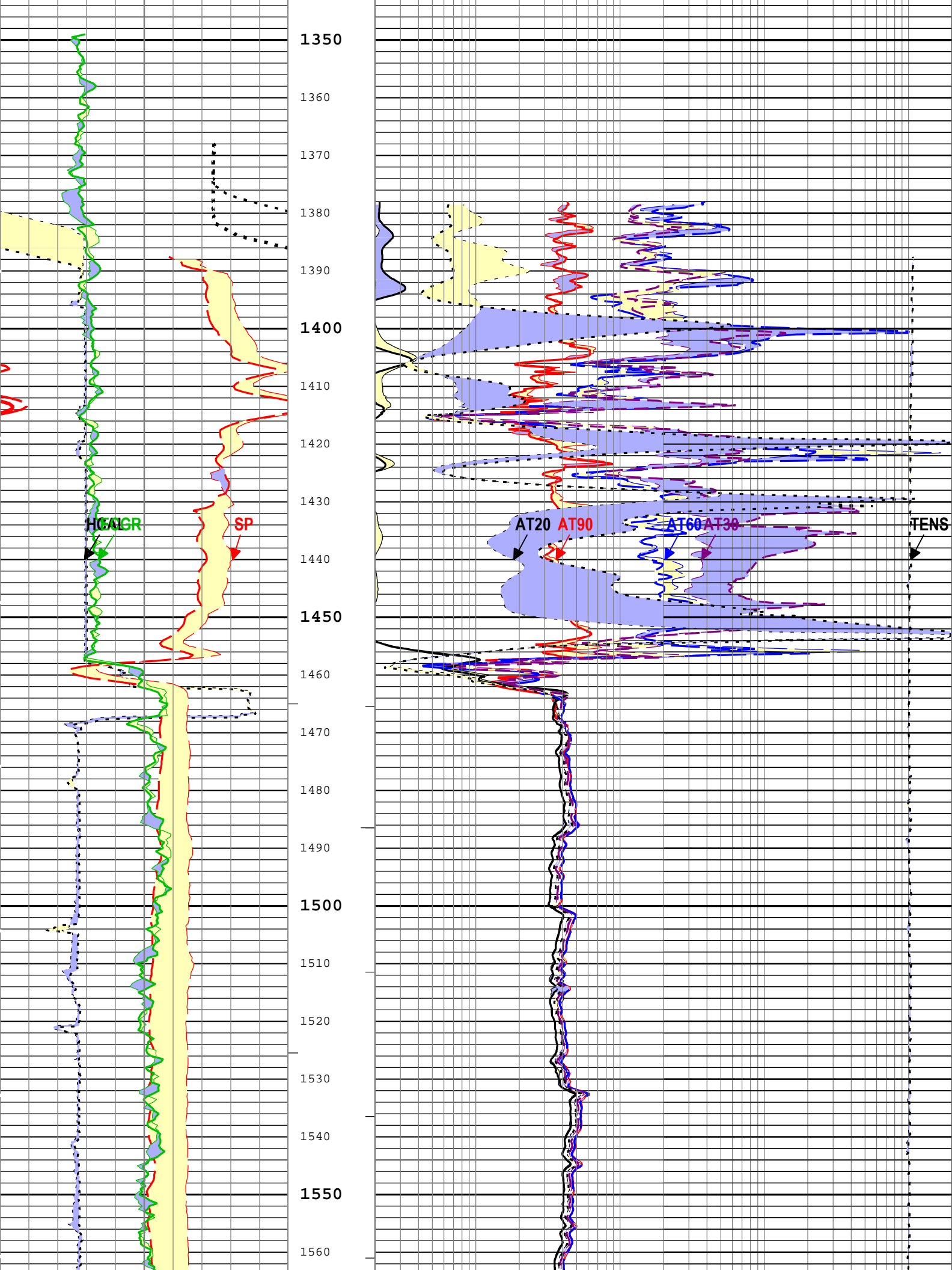
One	Log[4]:Up	Up	1387.81 ft	6810.88 ft	28-Sep-2016 5:33:25 PM	28-Sep-2016 9:39:06 PM	ON	4.00 ft	Yes
One	Log[5]:Up	Up	1387.33 ft	1776.64 ft	28-Sep-2016 9:43:34 PM	28-Sep-2016 9:57:15 PM	ON	4.10 ft	Yes

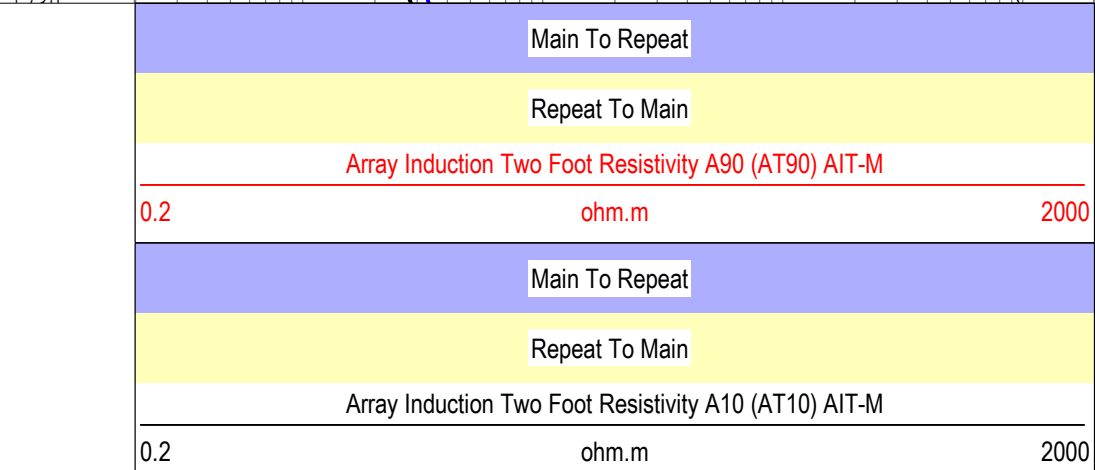
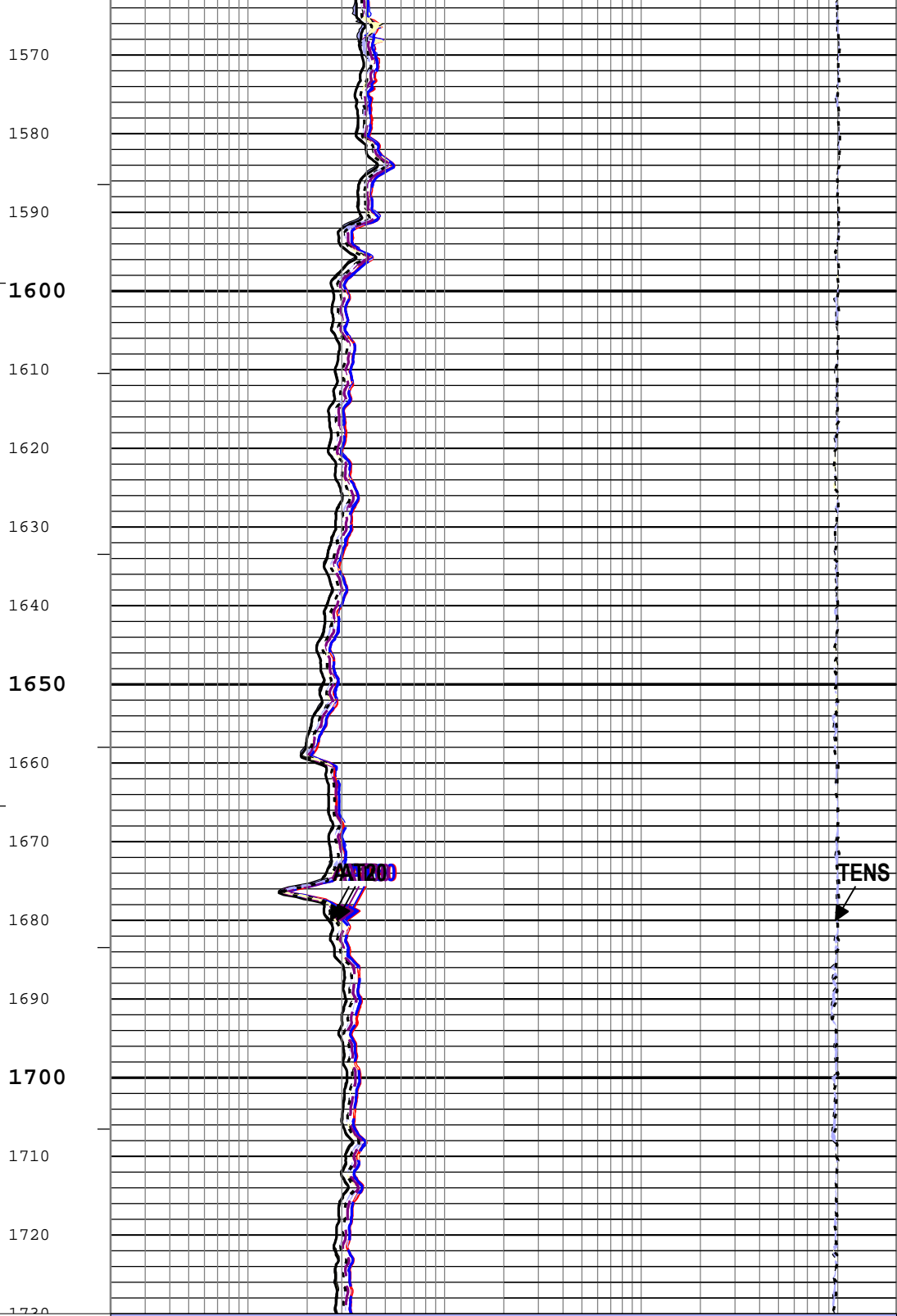
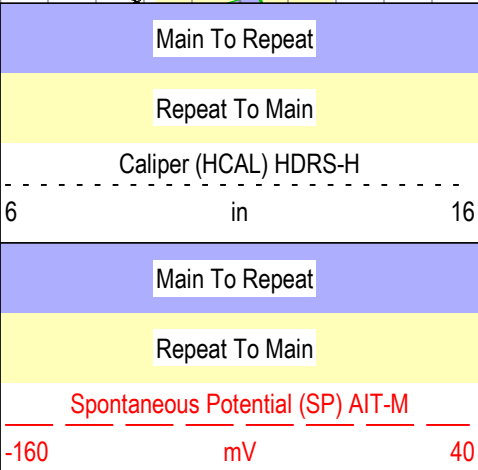
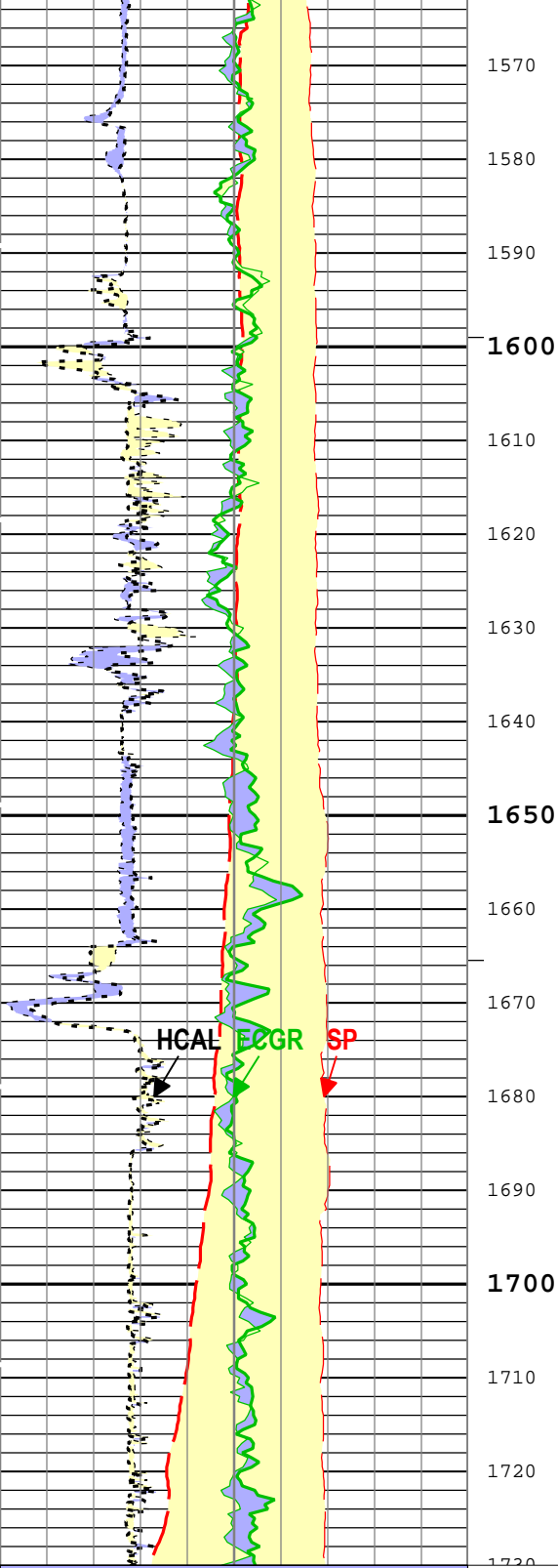
All depths are referenced to toolstring zero

Log	Company:Bonanza Creek	Well:State Seventy Holes J-18
		One: Log[4]:Up:S003

Description: AIT Basic Log Two    Format: Log ( KM 5in Induction RA )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 28-Sep-2016 22:53:23

[illegible]





Main To Repeat		
Repeat To Main		
Gamma Ray (ECGR) HGNS-H		
200	gAPI	400
Main To Repeat		
Repeat To Main		
Gamma Ray (ECGR) HGNS-H		
0	gAPI	200

Main To Repeat		
Repeat To Main		
Array Induction Two Foot Resistivity A60 (AT60) AIT-M		
0.2	ohm.m	2000
Main To Repeat		
Repeat To Main		
Array Induction Two Foot Resistivity A30 (AT30) AIT-M		
0.2	ohm.m	2000
Main To Repeat		
Repeat To Main		
Array Induction Two Foot Resistivity A20 (AT20) AIT-M		
0.2	ohm.m	2000

Main To Repeat		
Repeat To Main		
Cable Tension (TENS)		
10000	lbf	0

└─ ICV - Integrated Cement Volume every 100.00 (ft3)

└─ ICV - Integrated Cement Volume every 10.00 (ft3)

TIME\_1900 - Time Marked every 60.00 (s)

└─ IHV - Integrated Hole Volume every 100.00 (ft3)

└─ IHV - Integrated Hole Volume every 10.00 (ft3)

Description: AIT Basic Log Two    Format: Log ( KM 5in Induction RA )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 28-Sep-2016 22:53:23

Channel Processing Parameters				
One: Parameters				
Parameter	Description	Tool	Value	Unit
ABHM	Array Induction Borehole Correction Mode	AIT-M	Compute Standoff	
ASTA	Array Induction Tool Standoff	AIT-M	1.425	in
ISSBAR	Barite Mud Presence Flag	Borehole	No	
BHS	Borehole Status (Open or Cased Hole)	Borehole	Open	
BHT	Bottom Hole Temperature	Borehole	216	degF
BS	Bit Size	WLSESSION	Depth Zoned	in
CALI_SHIFT	CALI Supplementary Offset	HDRS-H	-0.8	in
CBLO	Casing Bottom (Logger)	WLSESSION	1465	ft
CDEN	Cement Density	HGNS-H	2	g/cm3
CSODDRL	Casing Outer Diameter - Zoned along driller depths	WLSESSION	9.625	in
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DFT	Drilling Fluid Type	Borehole	Water	
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GCSE_DOWN_PASS	Generalized Caliper Selection for WL Log Down Passes	Borehole	BS(RT)	
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	REMS(RT)	
GTSE	Generalized Temperature Selection, from Measured or	Borehole	CTEM	

	Computed Temperature			
MST	Mud Sample Temperature	Borehole	75.3	degF
RMS	Resistivity of Mud Sample	Borehole	2.24	ohm.m
SOCO	Standoff Correction Option	HGNS-H	Yes	
SPDR	SP Drift Per Foot	AIT-M	0	mV/ft

Depth Zone Parameters			
Parameter	Value	Start ( ft )	Stop ( ft )
BS	13.5	1331	1465
BS	8.75	1465	1730
All depth are actual.			

Tool Control Parameters				
One: Parameters				
Parameter	Description	Tool	Value	Unit
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	1800	ft/h

Calibration Report				
AIT-M (Array Induction Tool - M) Calibration - Run One				
Primary Equipment :				
File code for AIT-MA Sonde Tool Element		AMIS	1305	

AIT Sonde Calibration - Test Loop Gain							
Master (EEPROM):		19:45:52 30-Aug-2016					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Test Loop Gain - 0		Master	1.000	0.950	1.019	1.050	
Test Loop Phase - 0	deg	Master	0	-3.000	0.457	3.000	
Test Loop Gain - 1		Master	1.000	0.950	1.018	1.050	
Test Loop Phase - 1	deg	Master	0	-3.000	0.485	3.000	
Test Loop Gain - 2		Master	1.000	0.950	1.017	1.050	
Test Loop Phase - 2	deg	Master	0	-3.000	-1.158	3.000	
Test Loop Gain - 3		Master	1.000	0.950	1.014	1.050	
Test Loop Phase - 3	deg	Master	0	-3.000	-0.716	3.000	
Test Loop Gain - 4		Master	1.000	0.950	0.999	1.050	
Test Loop Phase - 4	deg	Master	0	-3.000	-0.186	3.000	
Test Loop Gain - 5		Master	1.000	0.950	0.997	1.050	
Test Loop Phase - 5	deg	Master	0	-3.000	-0.244	3.000	
Test Loop Gain - 6		Master	1.000	0.950	1.007	1.050	
Test Loop Phase - 6	deg	Master	0	-3.000	0.209	3.000	
Test Loop Gain - 7		Master	1.000	0.950	1.031	1.050	
Test Loop Phase - 7	deg	Master	0	-3.000	0.072	3.000	

AIT Sonde Calibration - Sonde Error Correction							
Master (EEPROM):		19:45:52 30-Aug-2016					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Sonde Error Correction Real - 0	mS/m	Master	-----	-231.000	-82.274	119.000	
Sonde Error Correction Quad - 0		Master	-----	-2250.000	-11.750	2250.000	
Sonde Error Correction Real - 1	mS/m	Master	-----	114.000	189.132	204.000	
Sonde Error Correction Quad - 1		Master	-----	-625.000	-99.398	625.000	
Sonde Error Correction Real - 2	mS/m	Master	-----	66.000	91.987	156.000	
Sonde Error Correction Quad - 2		Master	-----	-350.000	-163.766	350.000	
Sonde Error Correction Real - 3	mS/m	Master	-----	39.000	56.787	89.000	
Sonde Error Correction Quad - 3		Master	-----	-250.000	10.774	250.000	
Sonde Error Correction Real - 4	mS/m	Master	-----	15.000	27.318	35.000	
Sonde Error Correction Quad - 4		Master	-----	-63.000	-9.964	63.000	
Sonde Error Correction Real - 5	mS/m	Master	-----	4.000	11.520	24.000	
Sonde Error Correction Quad - 5		Master	-----	-50.000	21.600	50.000	
Sonde Error Correction Real - 6	mS/m	Master	-----	5.000	10.623	15.000	
Sonde Error Correction Quad - 6		Master	-----	-30.000	-5.057	30.000	

Sonde Error Correction Real - 7	mS/m	Master	-----	-5.000	-1.679	5.000	<div><div></div><div></div><div></div><div></div><div></div></div>
Sonde Error Correction Quad - 7		Master	-----	-30.000	3.884	30.000	<div><div></div><div></div><div></div><div></div><div></div></div>
AIT Mud Calibration - Mud Calibration Gain							
Master (EEPROM):	19:45:52 30-Aug-2016						
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	<div><div></div><div></div><div></div><div></div><div></div></div>
Coarse Gain		Master	1.000	0.800	1.152	1.200	<div><div></div><div></div><div></div><div></div><div></div></div>
Fine Gain		Master	1.000	0.800	1.147	1.200	<div><div></div><div></div><div></div><div></div><div></div></div>
AIT Electronics Check - Thru Calibration Check							
Master (EEPROM):	19:45:52 30-Aug-2016			Before (Measured):	06:27:16 28-Sep-2016		
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Mag - 0	V	Master	-----	0.366	0.608	0.854	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	0.366	0.608	0.854	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Phase - 0	deg	Master	-----	137.000	-172.932	-103.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	137.000	-172.261	-103.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.671	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Mag - 1	V	Master	-----	0.762	1.246	1.778	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	0.762	1.246	1.778	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Phase - 1	deg	Master	-----	136.000	-173.870	-104.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	136.000	-173.199	-104.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.671	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Mag - 2	V	Master	-----	0.372	0.617	0.868	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	0.372	0.617	0.868	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Phase - 2	deg	Master	-----	132.000	-177.254	-108.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	132.000	-176.582	-108.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.672	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Mag - 3	V	Master	-----	0.420	0.699	0.980	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	0.420	0.699	0.980	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Phase - 3	deg	Master	-----	131.000	-177.987	-109.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	131.000	-177.315	-109.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.672	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Mag - 4	V	Master	-----	0.804	1.309	1.876	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	0.804	1.309	1.876	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Phase - 4	deg	Master	-----	125.000	176.206	-115.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	125.000	176.886	-115.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.680	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Mag - 5	V	Master	-----	1.176	1.906	2.744	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	1.176	1.906	2.744	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Phase - 5	deg	Master	-----	122.000	174.647	-118.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	122.000	175.331	-118.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.684	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Mag - 6	V	Master	-----	1.176	1.904	2.744	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	1.176	1.904	2.744	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Phase - 6	deg	Master	-----	121.000	174.679	-119.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	121.000	175.363	-119.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.684	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Mag - 7	V	Master	-----	0.846	1.375	1.974	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	0.846	1.375	1.974	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
Thru Cal Phase - 7	deg	Master	-----	115.000	173.699	-125.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before	-----	115.000	174.424	-125.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.725	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
SPA Zero	mV	Master		-50.000	-0.126	50.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before		-50.000	-0.126	50.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>
SPA Plus	mV	Master		941.000	1004.288	1040.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before		941.000	1003.700	1040.000	<div><div></div><div></div><div></div><div></div><div></div></div>
		Before-Master	-----	-----	0.000	-----	<div><div></div><div></div><div></div><div></div><div></div></div>

		Before Before-Master	-----	941.000 -----	1003.706 -0.582	1040.000 -----	<div><div></div><div></div><div></div><div></div></div>
Temperature Zero	V	Master Before Before-Master		-0.050 -0.050 -----	0.000 0.000 0.000	0.050 0.050 -----	<div><div></div><div></div><div></div><div></div></div>
Temperature Plus	V	Master Before Before-Master		0.870 0.870 -----	0.930 0.930 0.000	0.960 0.960 -----	<div><div></div><div></div><div></div><div></div></div>

Company:

Bonanza Creek

Well:

State Seventy Holes J-18

Field:

Wattenberg

County:

Weld

State:

Colorado

Schlumberger

Platform Express  
Array Induction  
with Linear Correlation