

Company: Noble Energy Inc

Well: NCLP AA06-62-1AHNC

Field: Wattenberg

County: Weld

State: Colorado

Platform Express

Array Induction

with Linear Correlation

County: Weld

Field: Wattenberg

Location: SWSW Sec.4, T6N, R63W

Well: NCLP AA06-62-1AHNC

Company: Noble Energy Inc

Location: SWSW Sec.4, T6N, R63W  
SHL: 713' FSL x 100' FWL

Elev.: K.B. 4733.00 ft  
G.L. 4709.00 ft  
D.F. 4732.00 ft

Permanent Datum: \_\_\_\_\_

Ground Level \_\_\_\_\_

Elev.: 4709.00 f

Log Measured From: \_\_\_\_\_

Kelly Bushing \_\_\_\_\_

24.00 ft

above Perm.Datum

Drilling Measured From: \_\_\_\_\_

Kelly Bushing \_\_\_\_\_

API Serial No. \_\_\_\_\_

Section: 4

Township: 6N

Range: 63W

Logging Date 04-Jul-2014

Run Number	Run 1		
Depth Driller	6086.00 ft		
Schlumberger Depth	6092.00 ft		
Bottom Log Interval	6092.00 ft		
Top Log Interval	848.00 ft		
Casing Driller Size @ Depth	9.625 in @ 844.00 ft		
Casing Schlumberger	848 ft		
Bit Size	8.75 in		
Type Fluid In Hole	LSND WBM		
Density	9.8 lbm/gal	45 s	
Fluid Loss	6.4 cm3	9.6	
Source of Sample	Flowline		
RM @ Meas Temp	0.65 ohm.m @ 86.5 degF		
RMF @ Meas Temp	0.49 ohm.m @ 86.5 degF		
RMC @ Meas Temp	0.81 ohm.m @ 86.5 degF		
Source RMF	RMC Calculated		
RM @ BHT	0.34 @ 171 0.26 @ 171		
Max Recorded Temperatures	171 degF		
Circulation Stopped	04-Jul-2014 07:00:00		
Logger on Bottom	Time		
Unit Number	Location: 2135	Ft. Morgan, CO	
Recorded By	Aleksei Bekhterev		
Witnessed By	Charles Collier		

Disclaimer

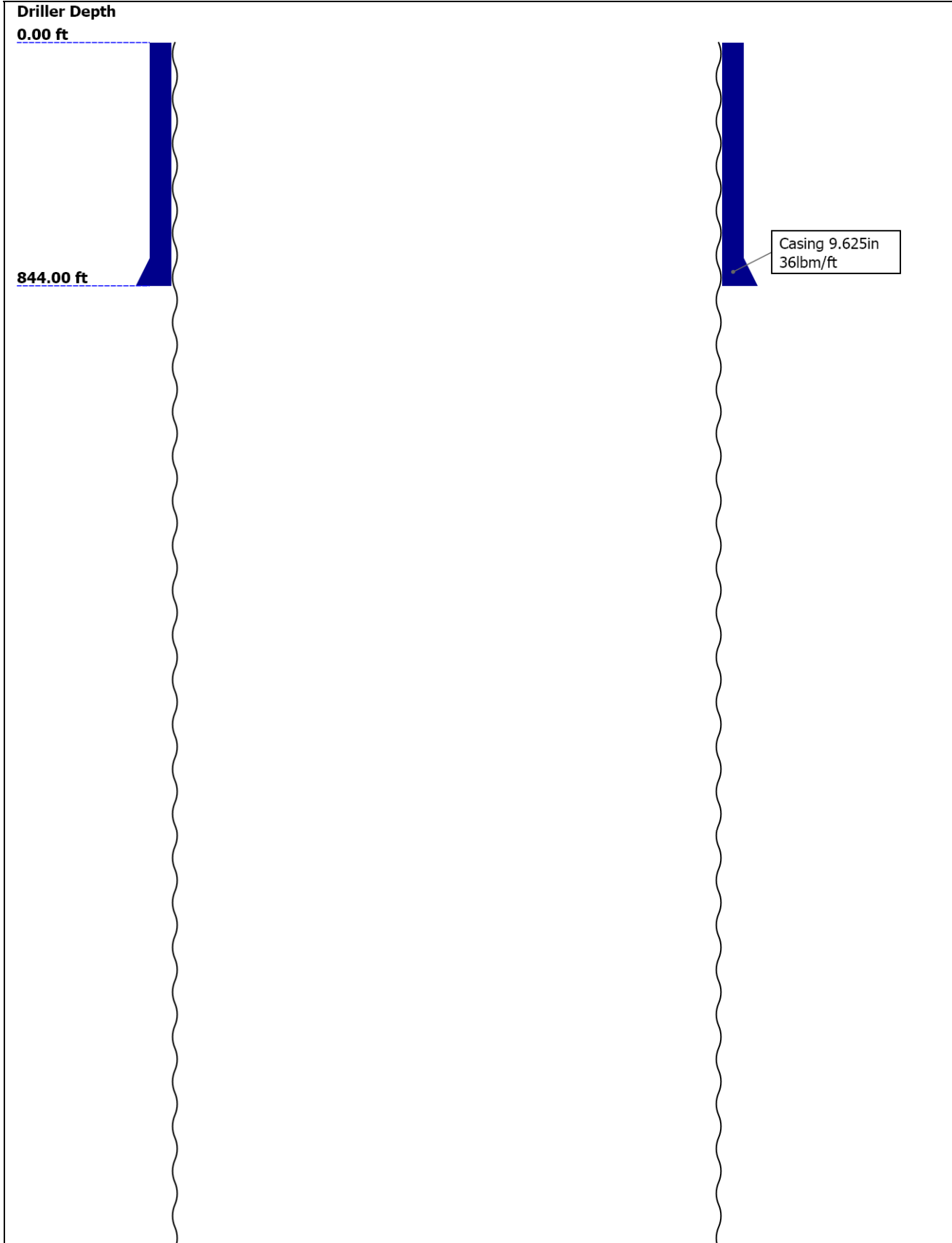
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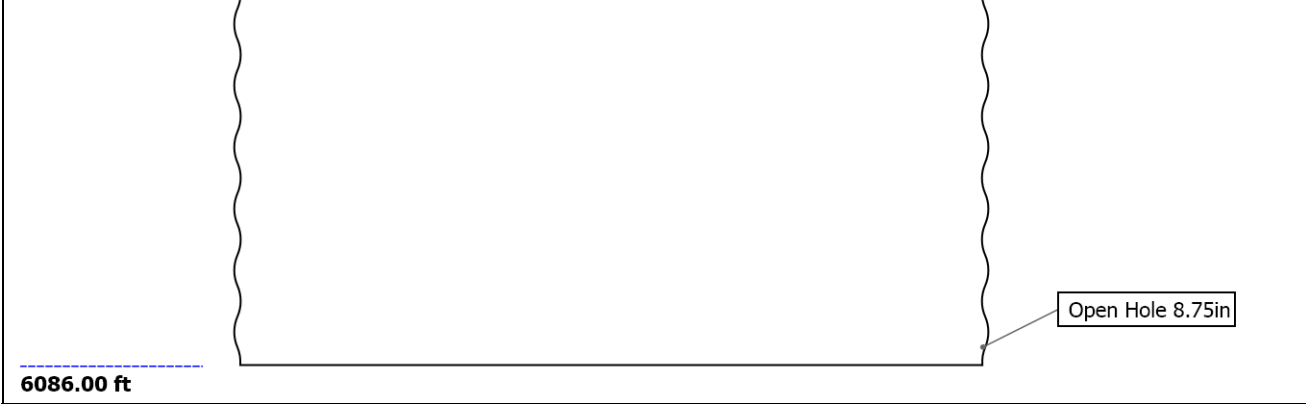
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Well Sketch





Borehole Size/Casing/Tubing Record

Bit						
Bit Size ( in )	8.75					
Top Driller ( ft )	0					
Top Logger ( ft )	0					
Bottom Driller ( ft )	6086					
Bottom Logger ( ft )	6092					
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 )	844					
Bottom Logger ( ft )	848					

Operational Run Summary

Parameter ( unit )	Run 1					
Date Log Started	04-Jul-2014					
Time Log Started	10:28:26					
Date Log Finished	04-Jul-2014					
Time Log Finished	12:22:43					
Top Log Interval ( ft )	848.00					
Bottom Log Interval ( ft )	6092.00					
Total Depth ( ft )	6092.00					
Max Hole Deviation ( deg )	10.05					
Azimuth of Max Deviation ( deg )	218.81					
Bit Size ( in )	8.750					
Logging Unit Number	2135					
Logging Unit Location	Ft. Morgan, CO					
Recorded By	Aleksei Bekhterev					
Witnessed By	Charles Collver					

Service Order Number		CY37-00022					
Borehole Fluids							
Parameter( unit )	Run 1						
Fluid Type	Water						
Fluid Name	LSND WBM						
Max Recorded Temperatures ( degF )	171						
Source of Sample	Flowline						
Salinity ( ppm )	2300						
Density ( lbm/gal )	9.8						
Funnel Viscosity ( s )	45						
Fluid Loss ( cm3 )	6.4						
PH	9.6						
Date/Time Circulation Stopped	04-Jul-2014 07:00:00						
Date Logger on Bottom	NaN						
Time Logger on Bottom	NaN						
Source RMF	Calculated						
RMC	Calculated						
RM @ Meas Temp ( ohm.m@degF )	0.65 @ 86.5						
RMF @ Meas Temp ( ohm.m@degF )	0.49 @ 86.5						
RMC @ Meas Temp ( ohm.m@degF )	0.81 @ 86.5						
RM @ BHT ( ohm.m@degF )	0.34 @ 171						
RMF @ BHT ( ohm.m@degF )	0.26 @ 171						
RMC @ BHT ( ohm.m@degF )	0.43 @ 171						
Total Solid ( % )							
High Gravity Solids ( % )							
Remarks and Equipment Summary							
Run 1: Toolstring				Run 1: Remarks			
Equip name	Length	MP name	Offset	This is subsequent trip in the well			
LEH-QT	51.93			Toolstring ran as per toolsketch			
LEH-QT				ILE-F used as a weight bar without bow-spring			
DTC-H:8906	49.02			Survey data provided by client			
ECH-KC:9984		CTEM	48.12	Rig: H&P 322			
DTC-H:8906		HV	0.00	Crew: Jeff Schossow, Derrick Hunter, Aleksei Bekhterev			
		ToolStatus	46.02				
		TelStatus	46.02				
ILE-F	46.02						
Adaptor_Head	38.02						



Depth Summary

	Run 1		
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Depth Measuring Device

Type	IDW-B		
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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 Rig		

Run 1:Depth Control Parameters

Depth Control Remarks

Log Sequence	First Log In the Well	All Schlumbereger depth policies followed
Rig Up Length At Surface		IDW used as primary depth device
Rig Up Length At Bottom		Z-chart used as secondary depth reference
Rig Up Length Correction		
Stretch Correction		
Tool Zero Check At Surface		

Survey Record

Survey Calculation

Method :	Minimum Radius of Curvature	DLS Method :	Lubinski
North Reference :	True North	Total Correction Formula :	Magnetic Dec

Rig Location

Latitude :	40.510480 degrees	Longitude :	-104.45086 degrees
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Tie In Point

Measured Depth:	0.00 ft	Inclination:	0.00 deg	Azimuth:	0.00 deg
True Vertical Depth:	0.00 ft	North Displacement:	0.00 ft	East Displacement:	0.00 ft

Survey Quality Index

9 : Manual	28 : Tie-In Point
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Survey Correction Index

0 : No correction
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Survey Description Index

0 : Not Flagged Survey
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Seq	MD (ft)	Incl (deg)	Azim (deg)	Course (ft)	TVD (ft)	V Sec (ft)	N/ -S (ft)	E/ -W (ft)	Closure (ft)	at Azim (deg)	DLS deg/100ft	Tool Type	QI	CI	DI
1	0.00	0.00	0.00	- - - -	0.00	0.00	0.00	0.00	0.00	90.00	0.00	TIP	28	0	0
2	300.00	0.20	61.67	300.00	300.00	0.25	0.25	0.46	0.52	61.67	0.07	Other	9	0	0
3	600.00	0.30	77.27	300.00	600.00	0.67	0.67	1.69	1.80	68.35	0.04	Other	9	0	0
4	841.00	0.40	312.57	241.00	840.99	1.38	1.38	1.68	2.17	50.70	0.26	Other	9	0	0
5	917.00	0.26	275.03	76.00	916.99	1.57	1.57	1.32	2.07	39.93	0.33	Other	9	0	0
6	1103.00	0.59	257.57	186.00	1102.99	1.40	1.40	-0.04	1.41	358.41	0.19	Other	9	0	0
7	1196.00	0.56	246.10	93.00	1195.98	1.12	1.12	-0.92	1.44	320.44	0.13	Other	9	0	0
8	1289.00	0.59	254.70	93.00	1288.98	0.81	0.81	-1.80	1.97	294.13	0.10	Other	9	0	0
9	1382.00	0.73	259.01	93.00	1381.97	0.57	0.57	-2.84	2.89	281.27	0.16	Other	9	0	0
10	1475.00	0.57	257.43	93.00	1474.97	0.35	0.35	-3.88	3.90	275.20	0.17	Other	9	0	0
11	1569.00	0.46	240.27	94.00	1568.96	0.06	0.06	-4.66	4.66	270.79	0.20	Other	9	0	0
12	1664.00	0.34	260.74	95.00	1663.96	-0.17	-0.17	-5.27	5.28	268.15	0.19	Other	9	0	0
13	1759.00	0.58	263.42	95.00	1758.96	-0.27	-0.27	-6.03	6.04	267.43	0.25	Other	9	0	0

Run 1				
2" Induction				
Integration Summary				
Output Channel(s)	Output Description	Input Parameter	Output Value	Unit
ICV	Integrated Cement Volume	GCSE_UP_PASS, FCD	777.33	ft3

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Acquisition System						Version			
MaxWell						4.0.9163.3000			
Application Patch						Patch-SP-10767_18214-4.0.9163.3001			
						Patch-Hotfix_Task_Tree_GDI_SP2-20806-4.0.9434.3002			
Computation		Description						Version	
Borehole		Borehole Ensemble provides common Borehole Parameters and Channels						4.0.9433.3000	
Tool Elements		Description				Software Version		Firmware Version	
AMIS		Array Induction Sonde - M				4.0.9427.3000		1	
SGC-TB		Scintillation Gamma Cartridge				4.0.9360.3000			

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
Run 1	Main[3]:Up	Up	64.12 ft	6095.03 ft	04-Jul-2014 11:18:09 AM	04-Jul-2014 12:20:48 PM	ON	-3.42 ft	Yes

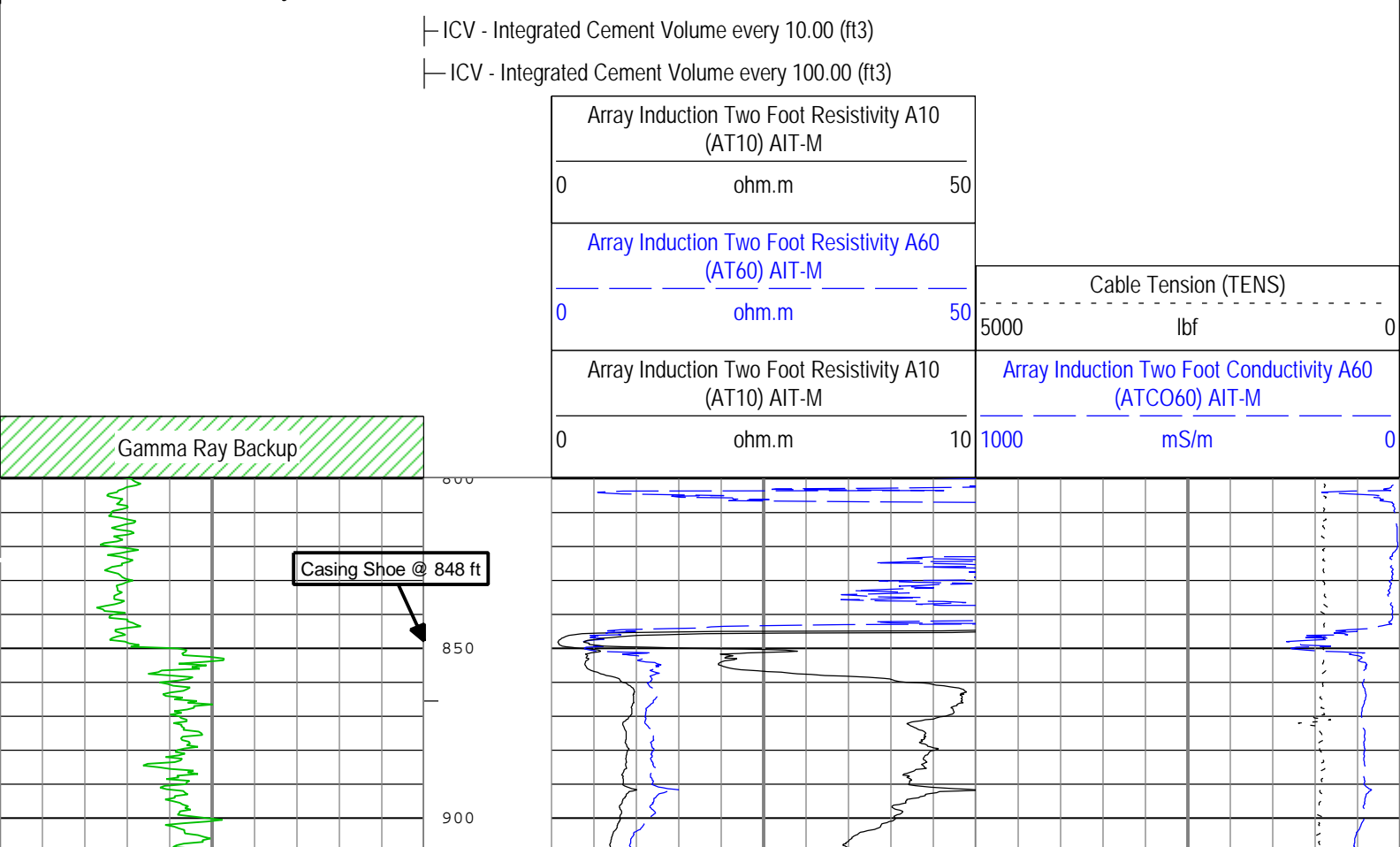
All depths are referenced to toolstring zero

Log	Company:Noble Energy Inc	Well:NCLP AA06-62-1AHNC
	Run 1: Main[3]:Up:S011	

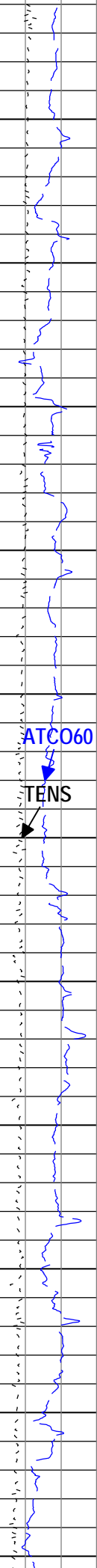
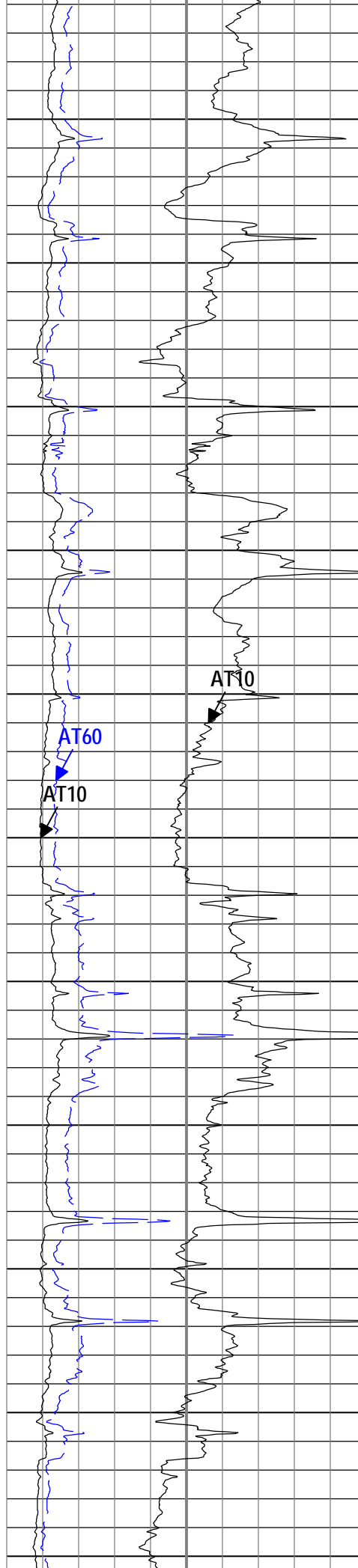
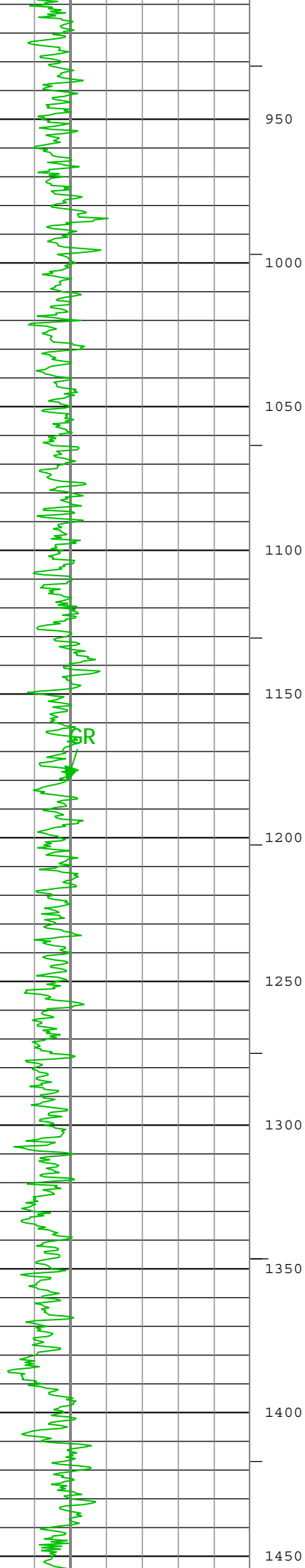
Description: AIT Basic Log Two    Format: Log ( Import of Kerr McGee 2in Induction )    Index Scale: 2 in per 100 ft    Index Unit: ft    Index Type: Measured  
Depth    Creation Date: 04-Jul-2014 13:13:37

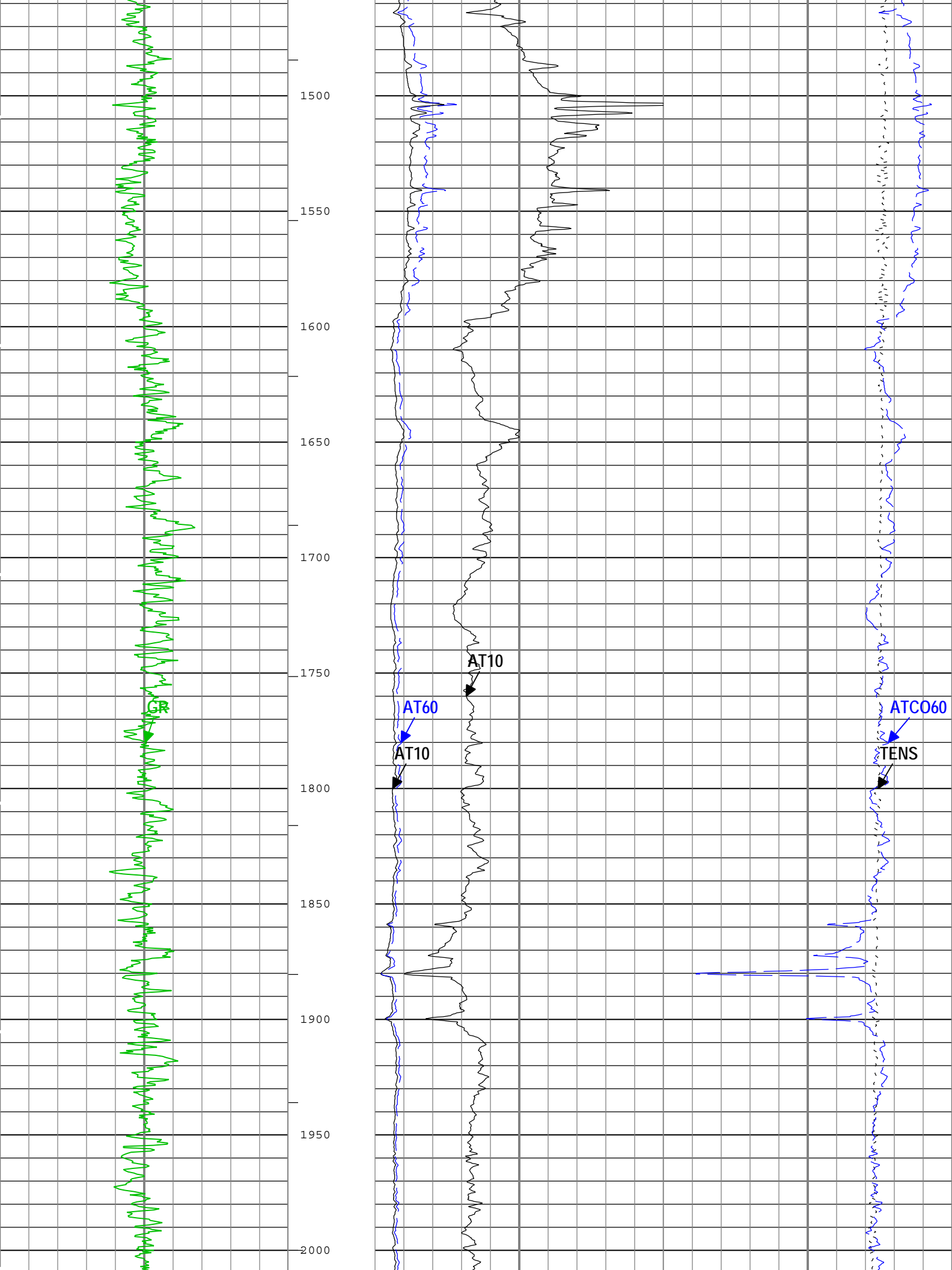
Channel	Source	Sampling
AT10	AIT-M:AMIS:AMIS	3in
AT60	AIT-M:AMIS:AMIS	3in
ATCO60	AIT-M:AMIS:AMIS	3in
GR	SGT-N:SGT-N:SGC-TB	6in
ICV	Borehole	6in
TENS	WLWorkflow	6in
TIME_1900	WLWorkflow	0.1in

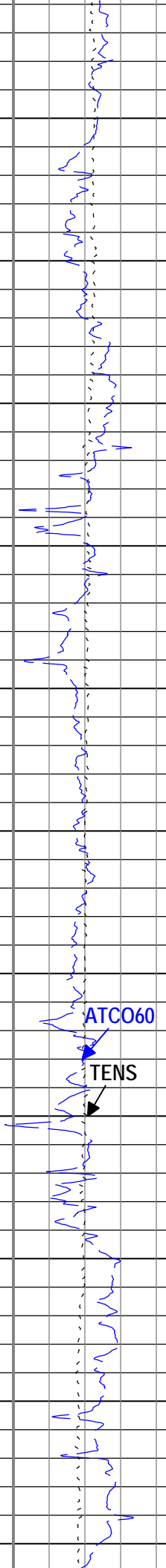
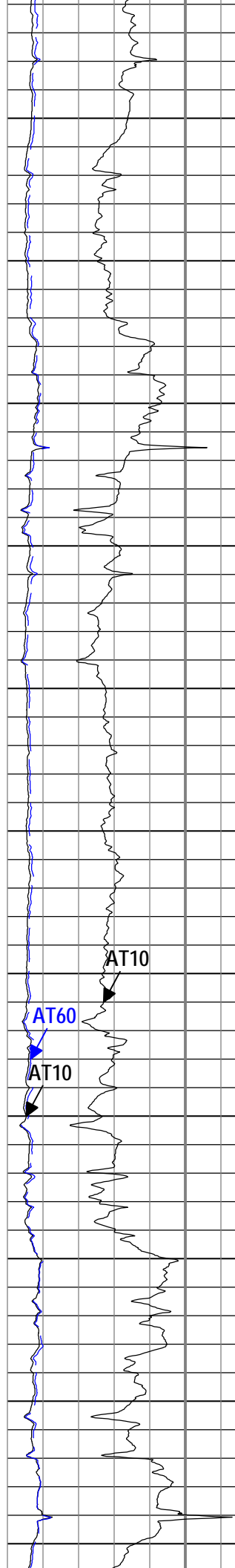
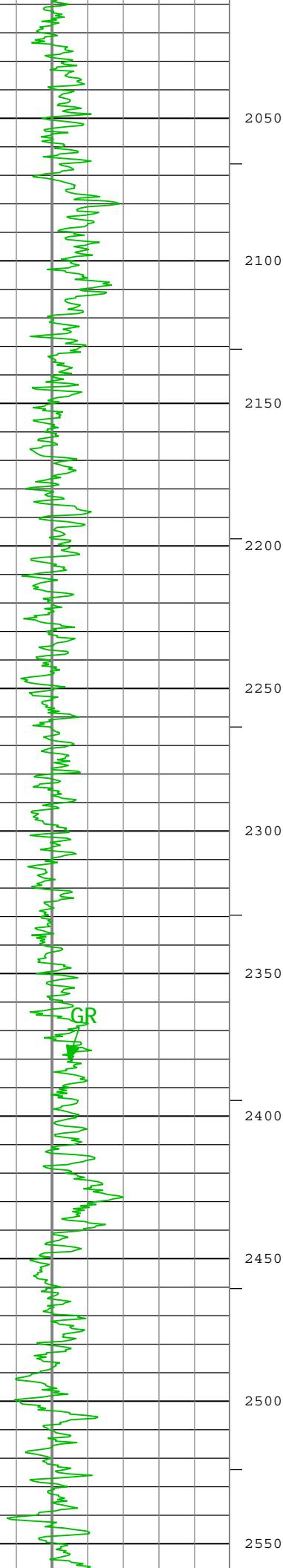
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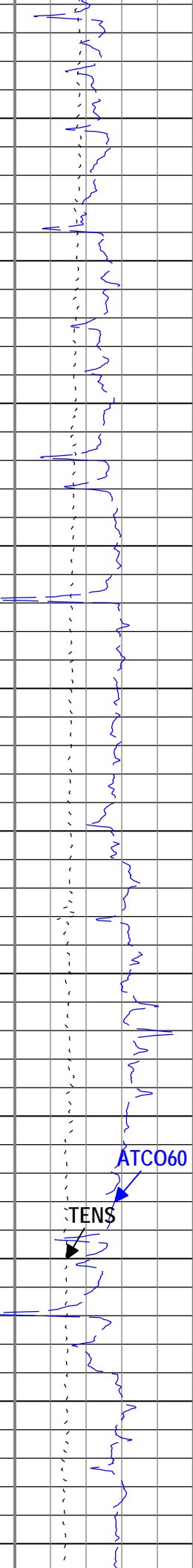
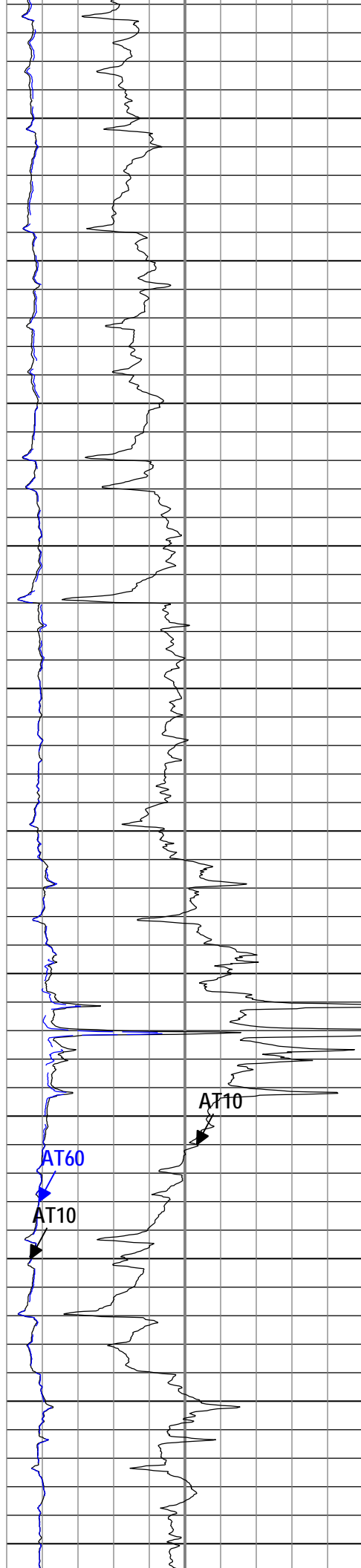
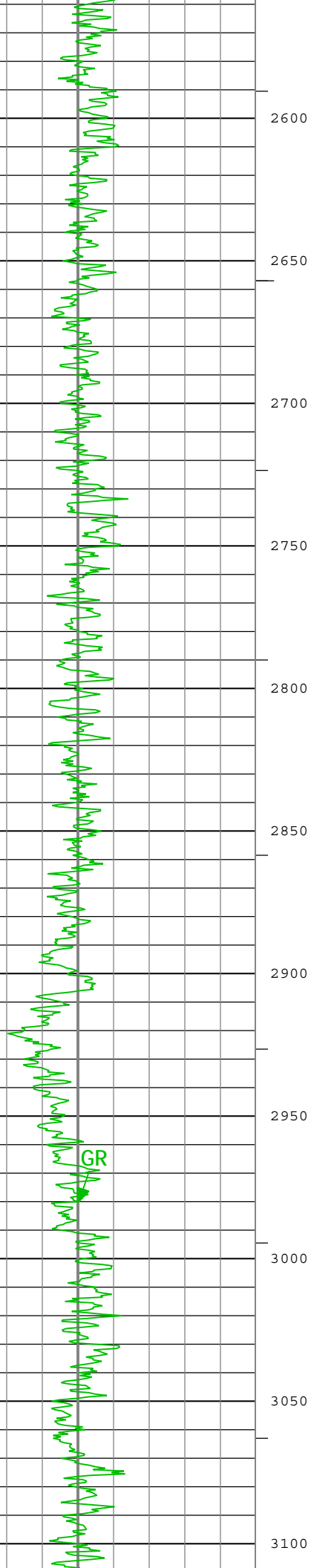


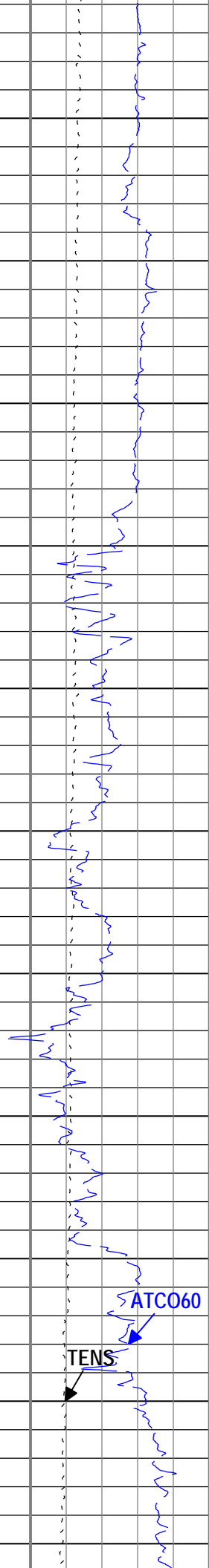
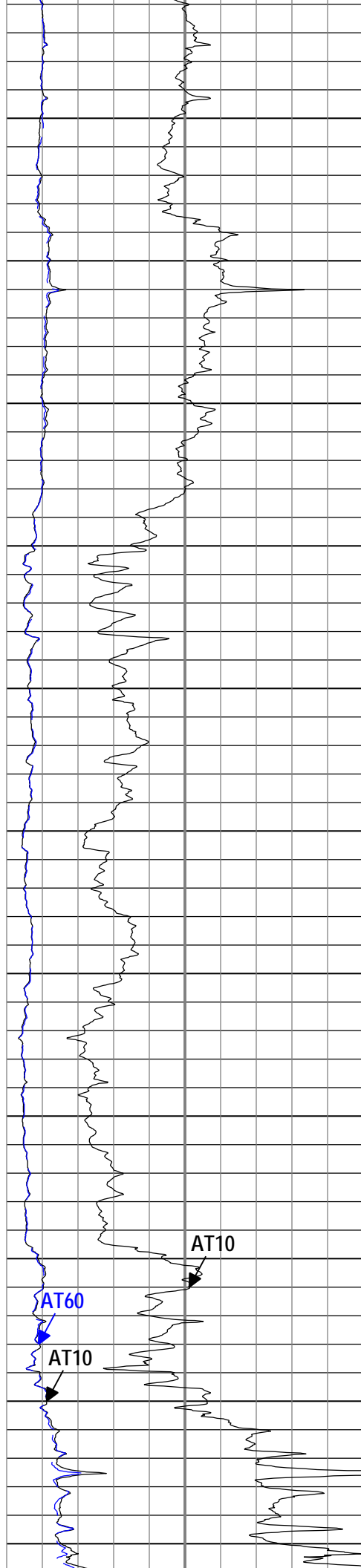
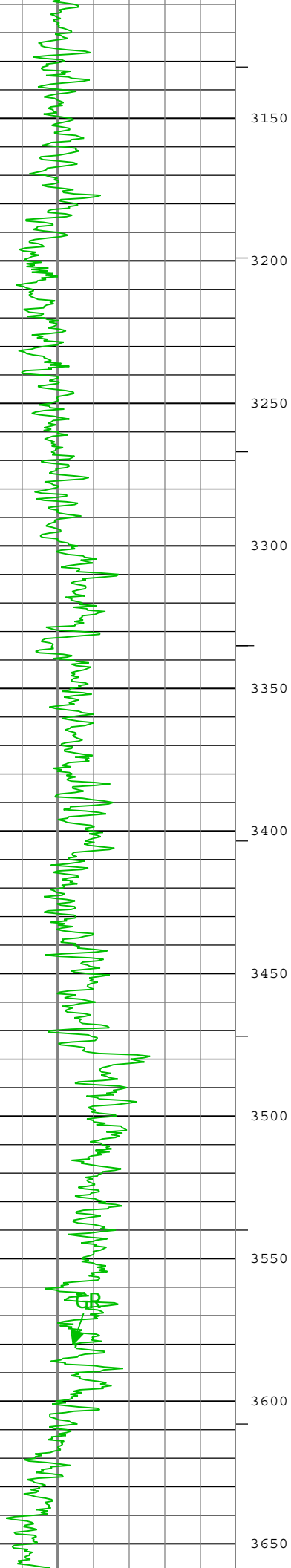


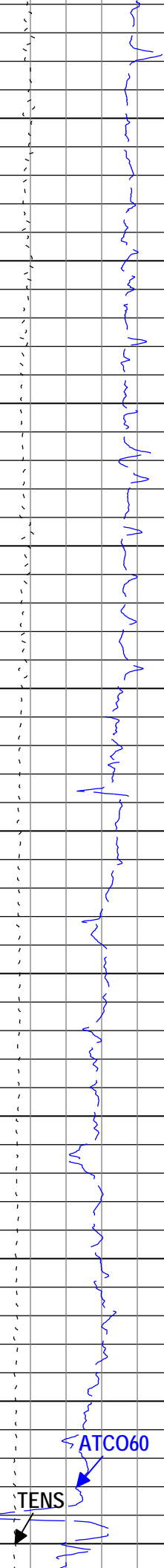
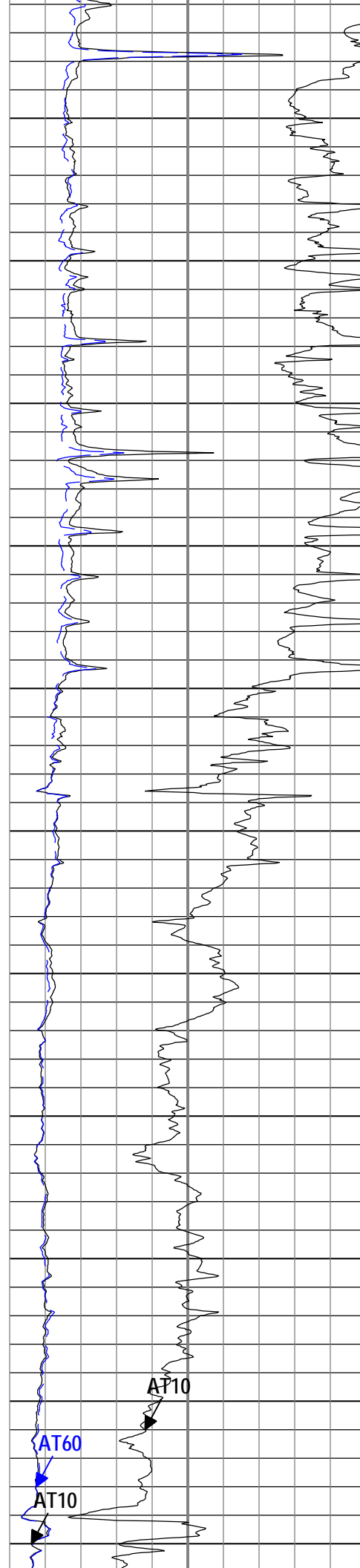
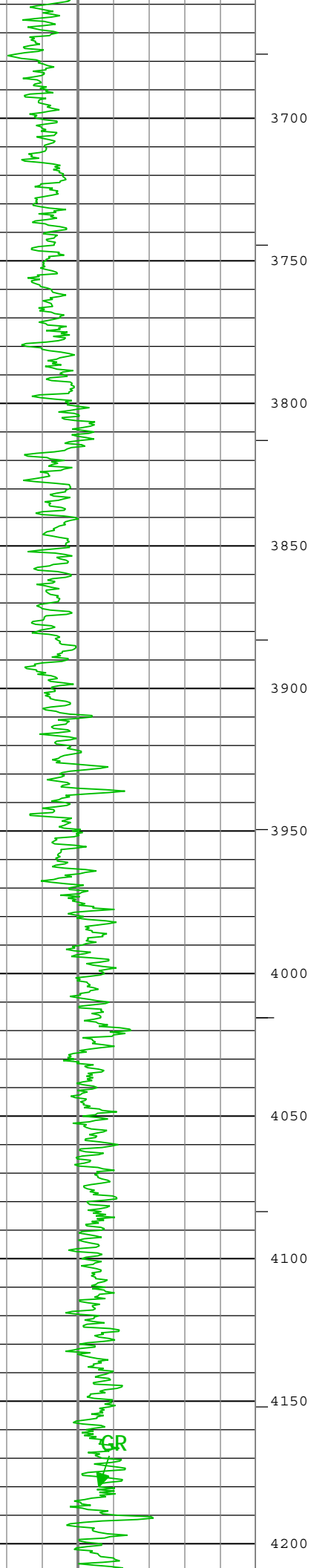


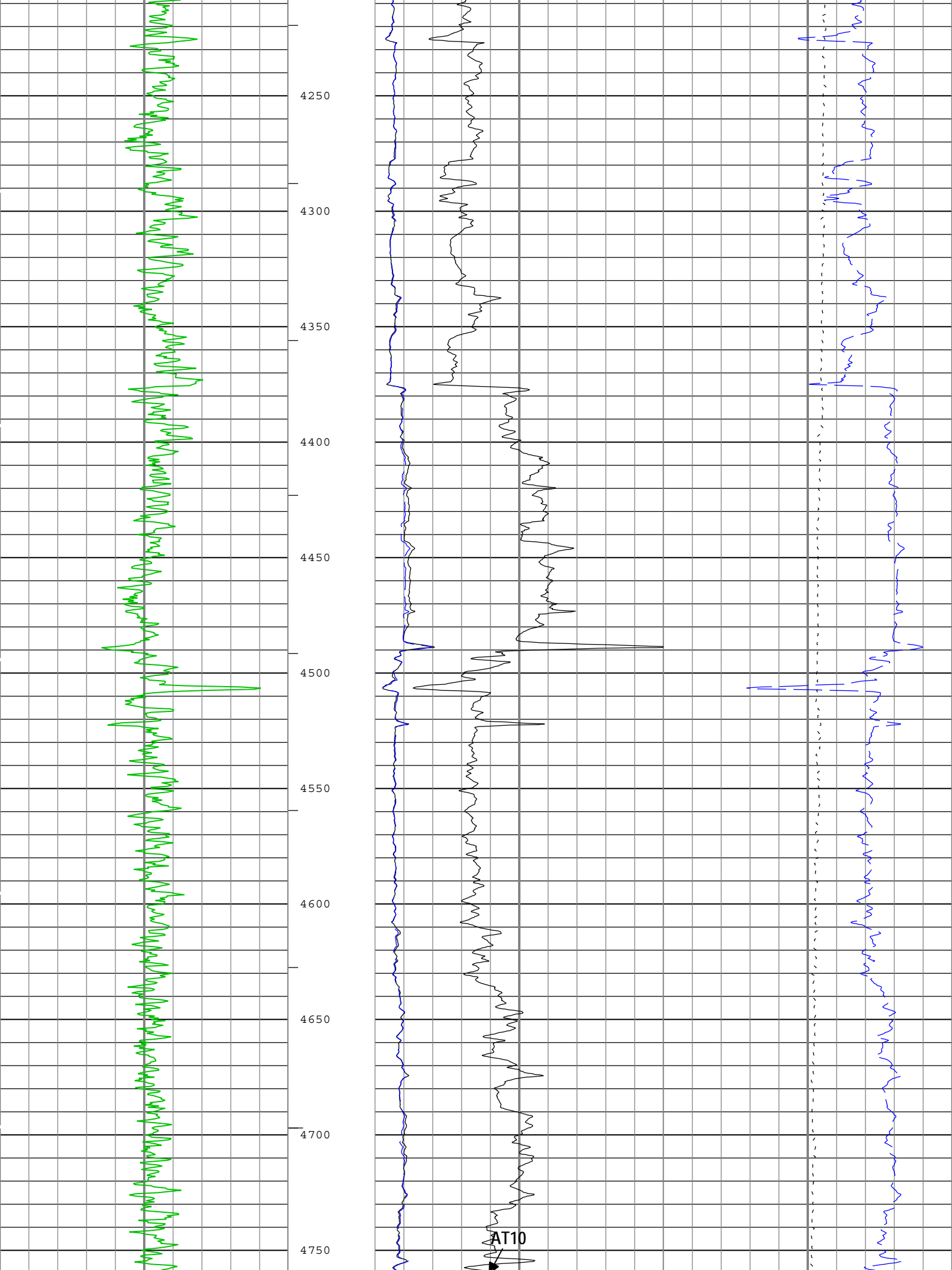


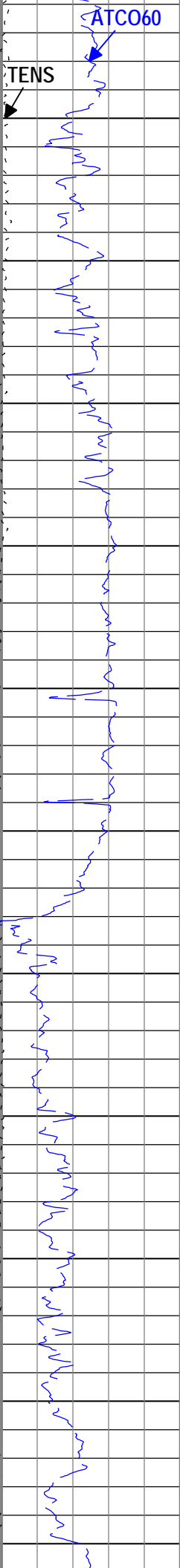
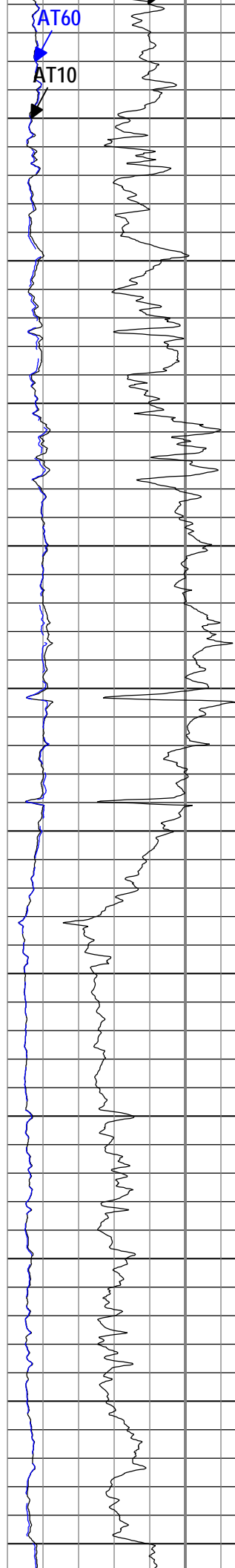
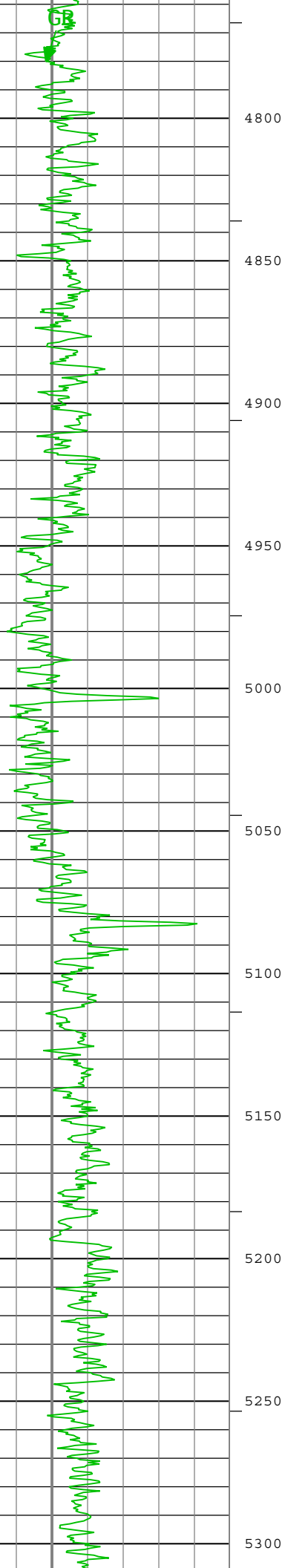










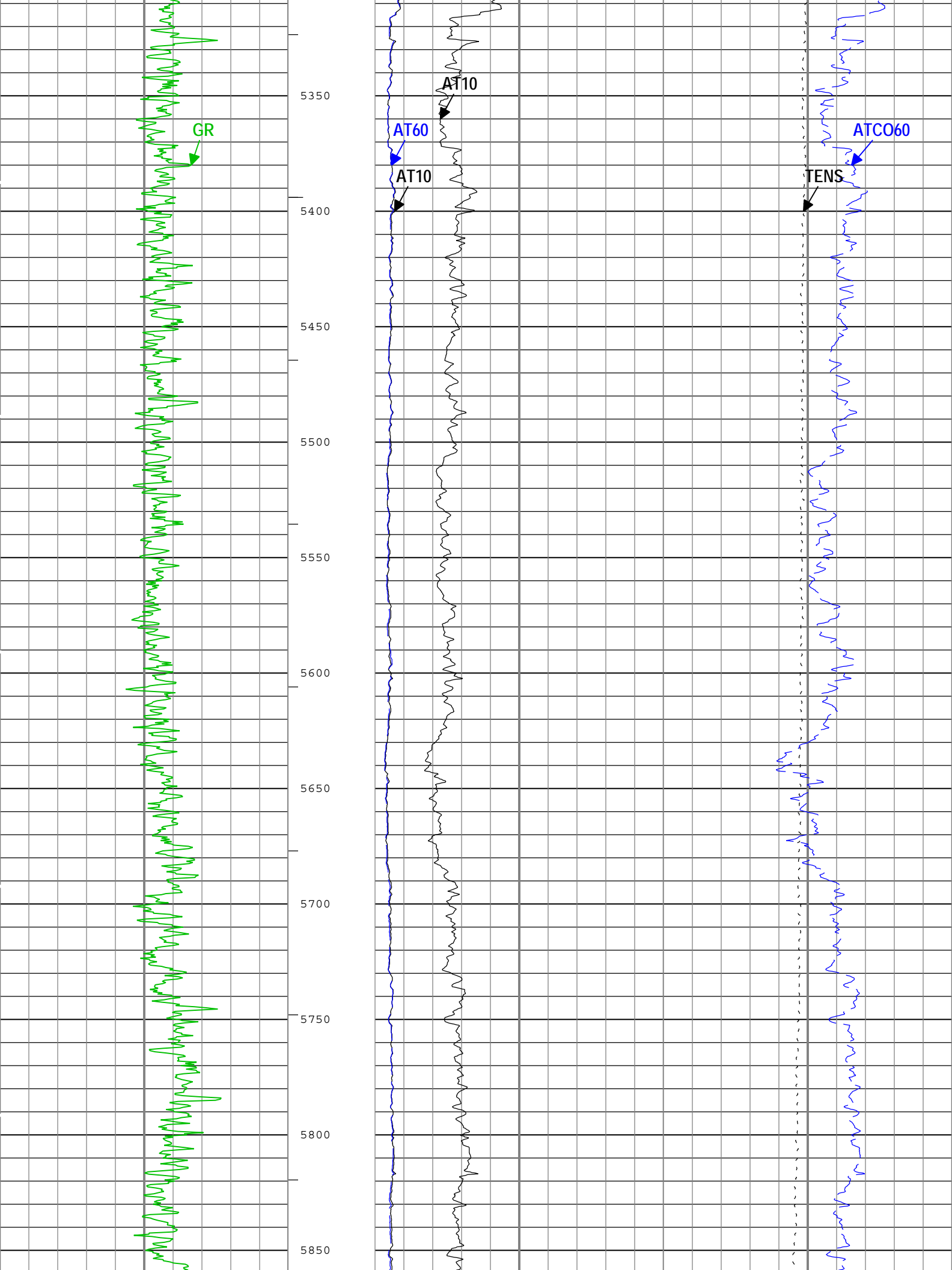


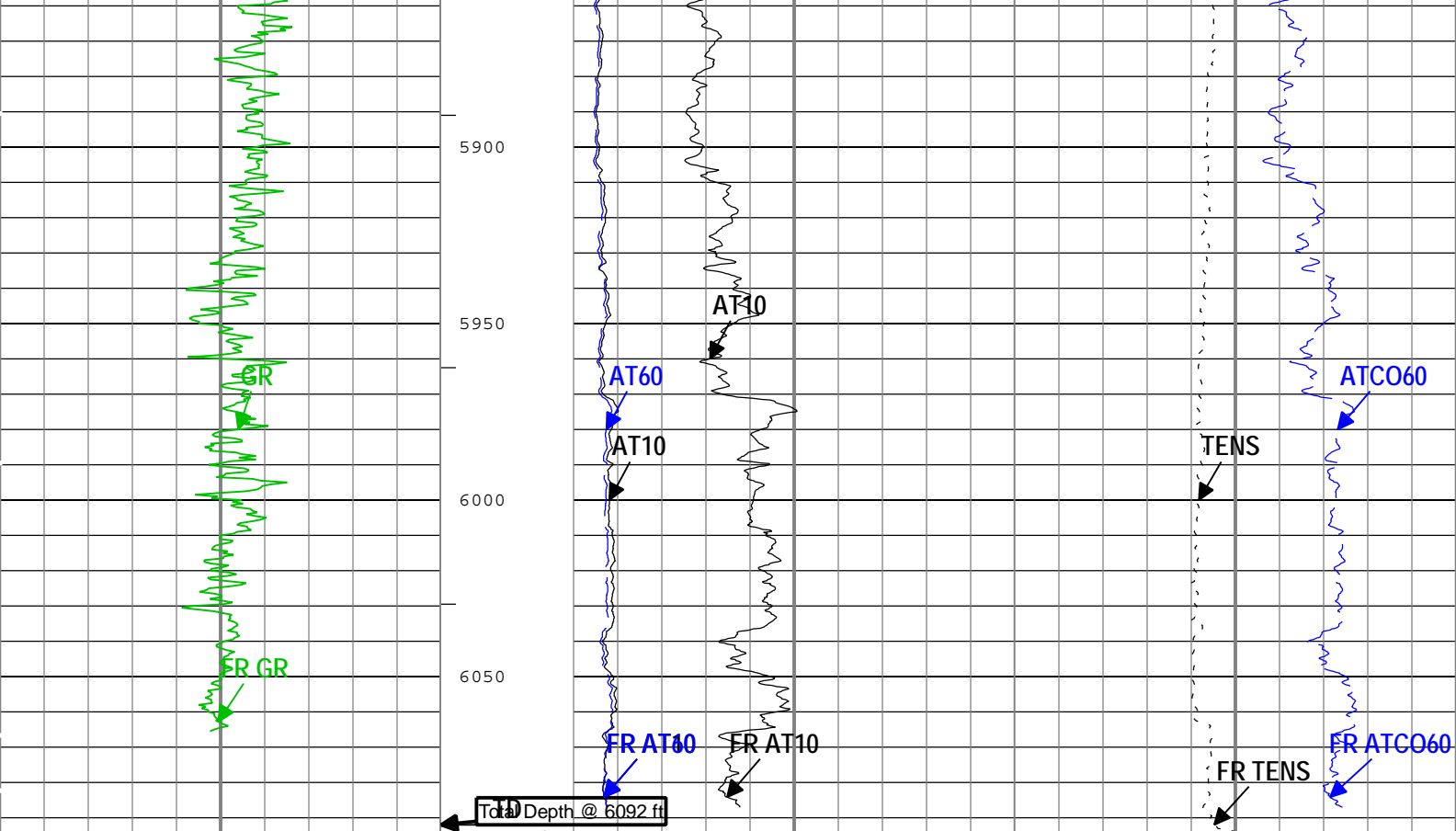
AT60  
AT10

TENS

ATCO60







Gamma Ray Backup	Array Induction Two Foot Resistivity A10 (AT10) AIT-M		Cable Tension (TENS)	
	0	ohm.m	5000	lbf
	Array Induction Two Foot Resistivity A60 (AT60) AIT-M		Array Induction Two Foot Conductivity A60 (ATCO60) AIT-M	
	0	ohm.m	1000	mS/m
Array Induction Two Foot Resistivity A10 (AT10) AIT-M		0	ohm.m	10

ICV - Integrated Cement Volume every 100.00 (ft3)

ICV - Integrated Cement Volume every 10.00 (ft3)

TIME\_1900 - Time Marked every 60.00 (s)

Description: AIT Basic Log Two Format: Log ( Import of Kerr McGee 2in Induction ) Index Scale: 2 in per 100 ft Index Unit: ft Index Type: Measured  
Depth Creation Date: 04-Jul-2014 13:13:37

## Channel Processing Parameters

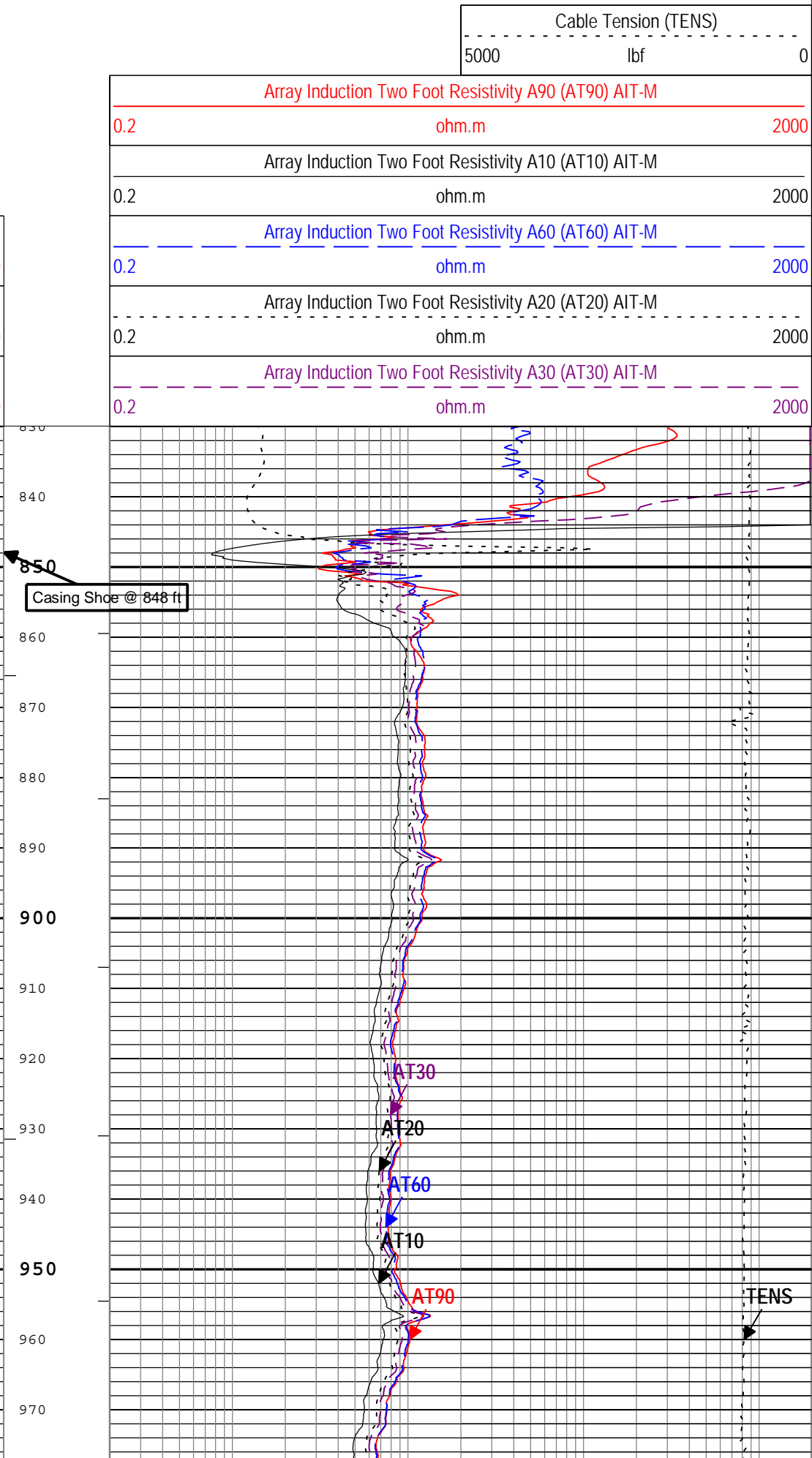
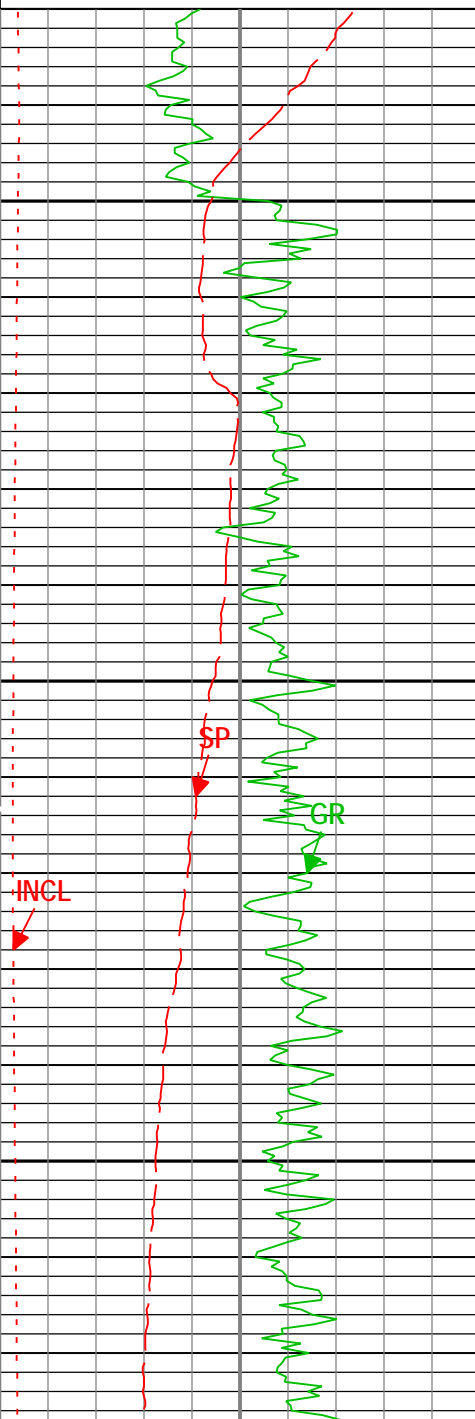
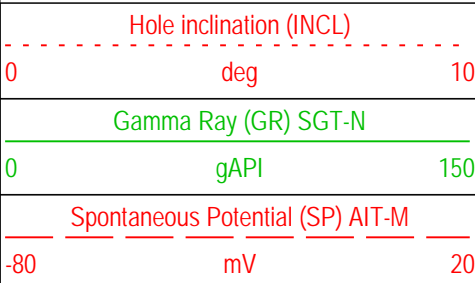
Parameter	Description	Tool	Value	Unit
ABHM	Array Induction Borehole Correction Mode	AIT-M	Compute Standoff	
ACDE	Array Induction Casing Detection Enable	AIT-M	No	
BARI	Barite Mud Presence Flag	Borehole	No	
BHS	Borehole Status (Open or Cased Hole)	Borehole	Open	
BS	Bit Size	WLSESSION	8.75	in
CBLO	Casing Bottom (Logger)	WLSESSION	848	ft
CDEN	Cement Density	SGT-N	2	g/cm3
CSODDRL	Casing Outer Diameter - Zoned along driller depths	WLSESSION	9.625	in
DFD	Drilling Fluid Density	Borehole	9.8	lbm/gal
FCD	Future Casing (Outer) Diameter	WLSESSION	7	in
GCSE_DOWN_PASS	Generalized Caliper Selection for WL Log Down Passes	Borehole	BS	

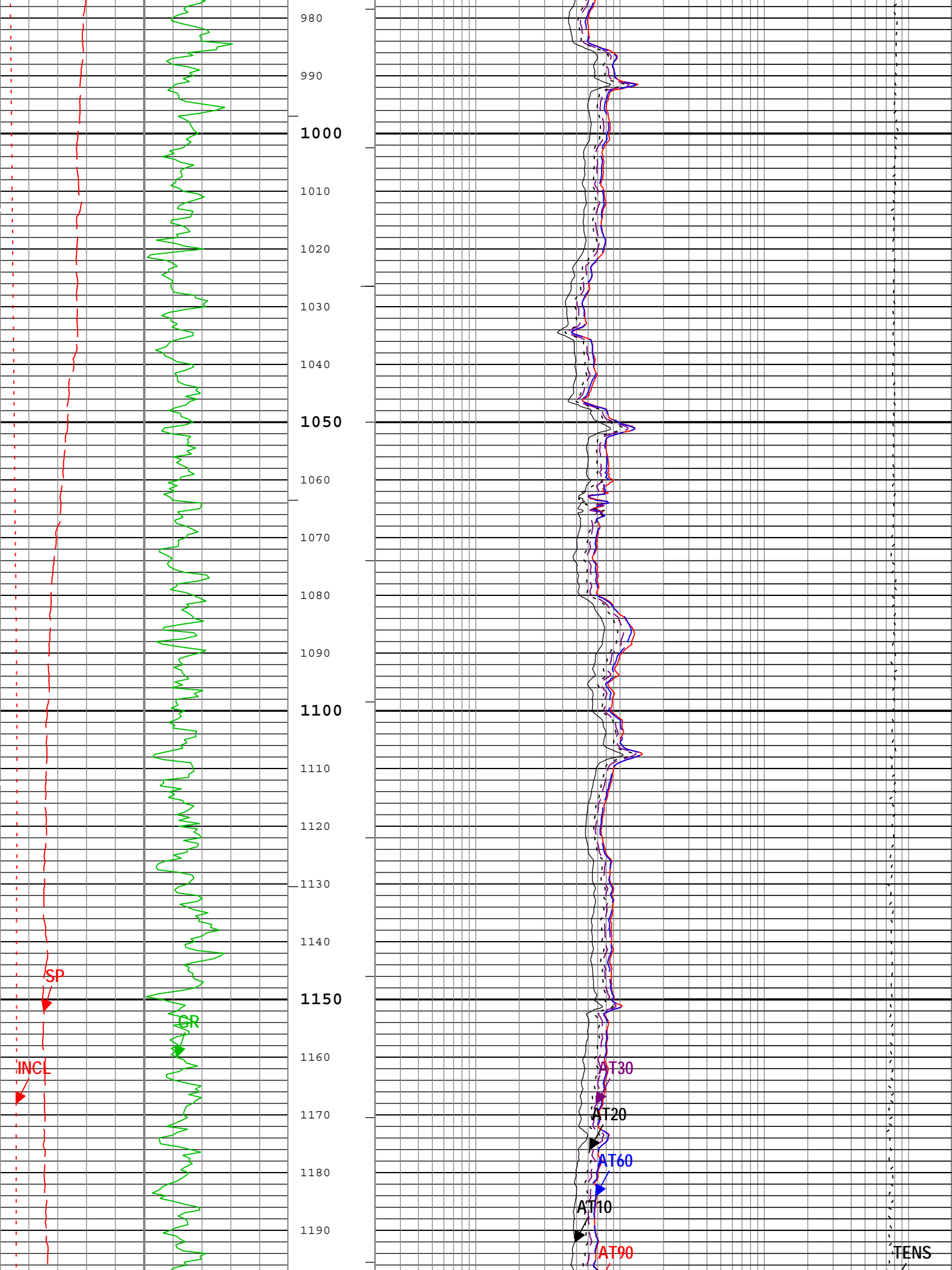


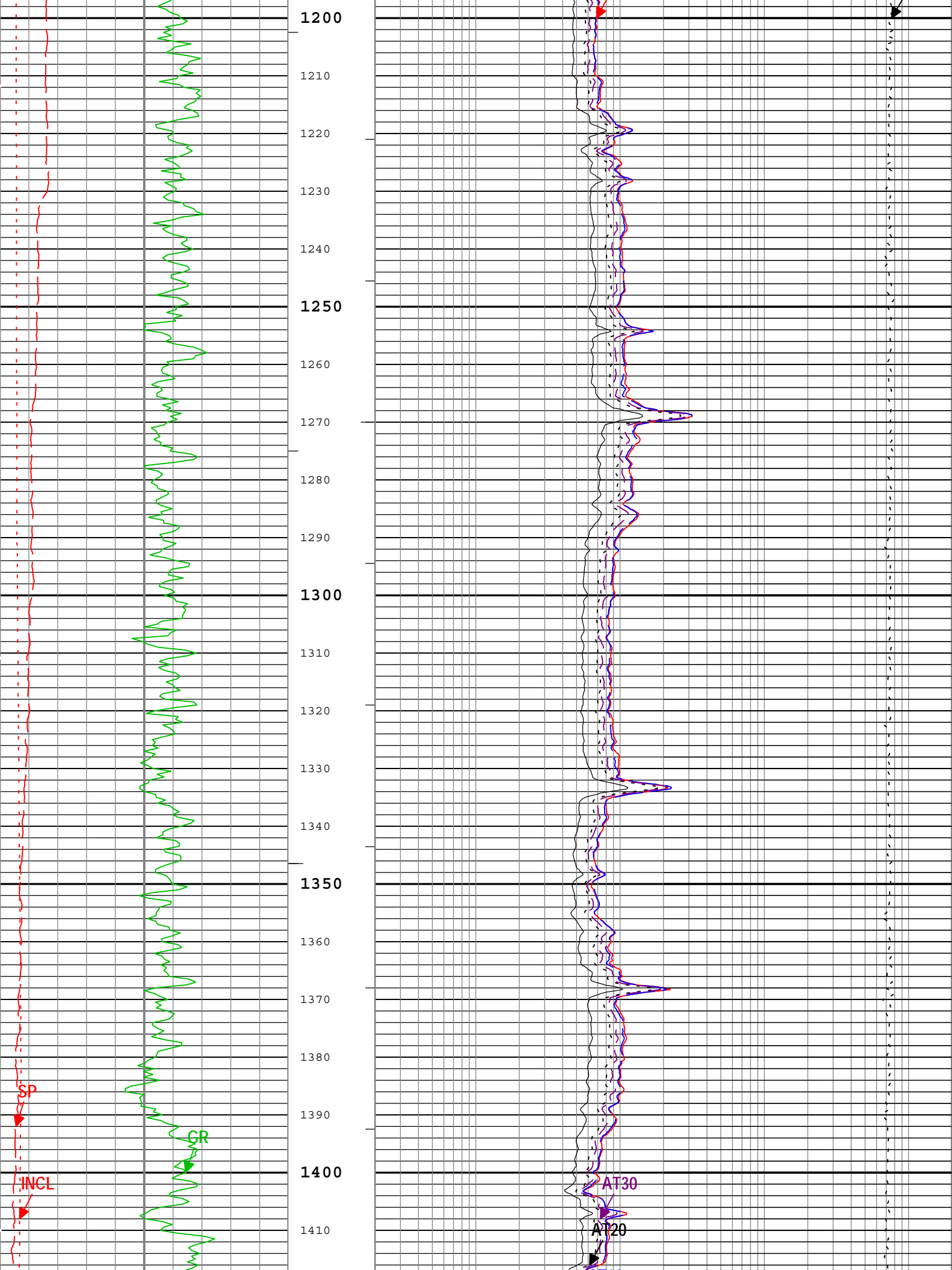
TIME\_1900 - Time Marked every 60.00 (s)

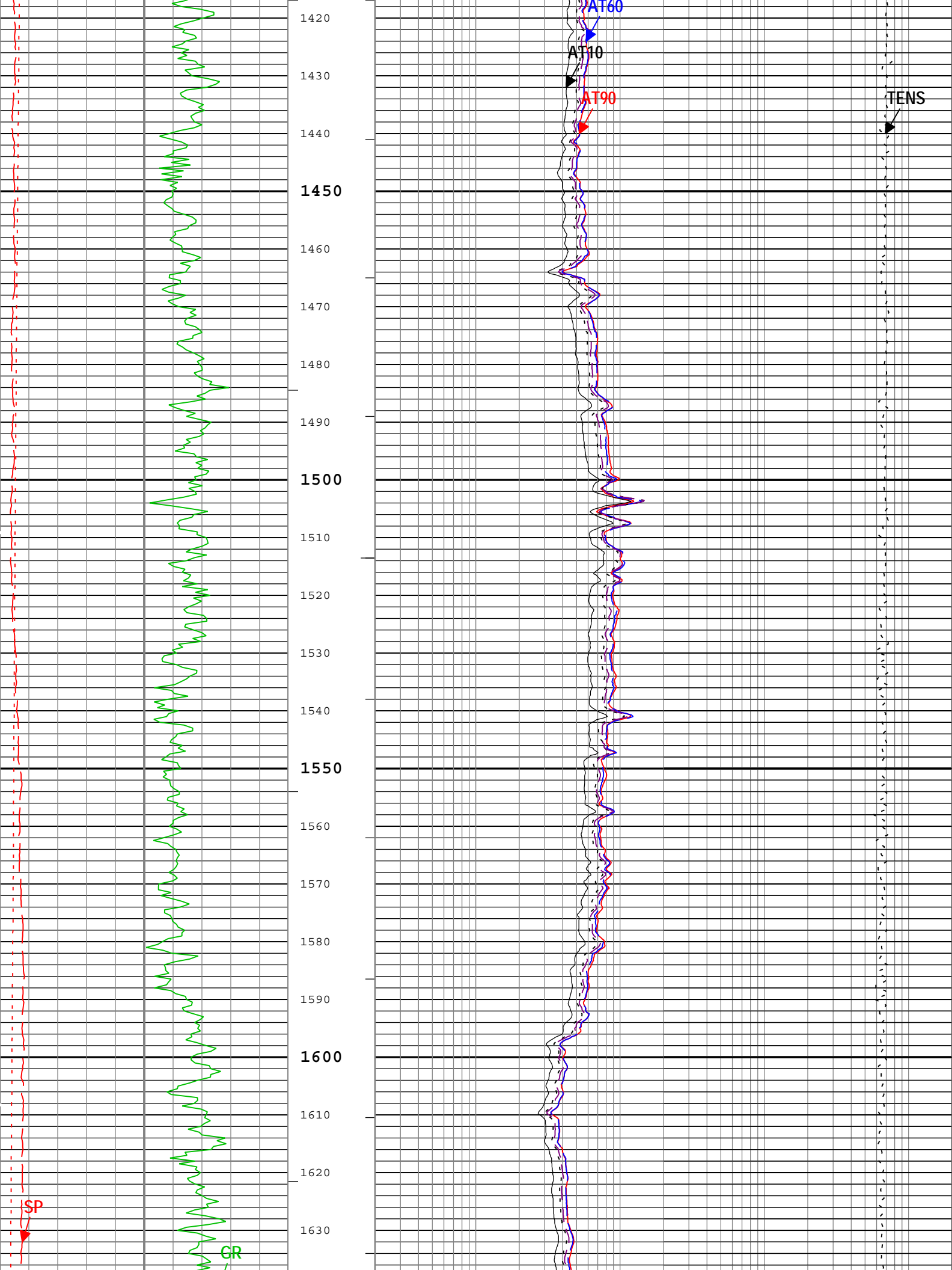
ICV - Integrated Cement Volume every 10.00 (ft3)

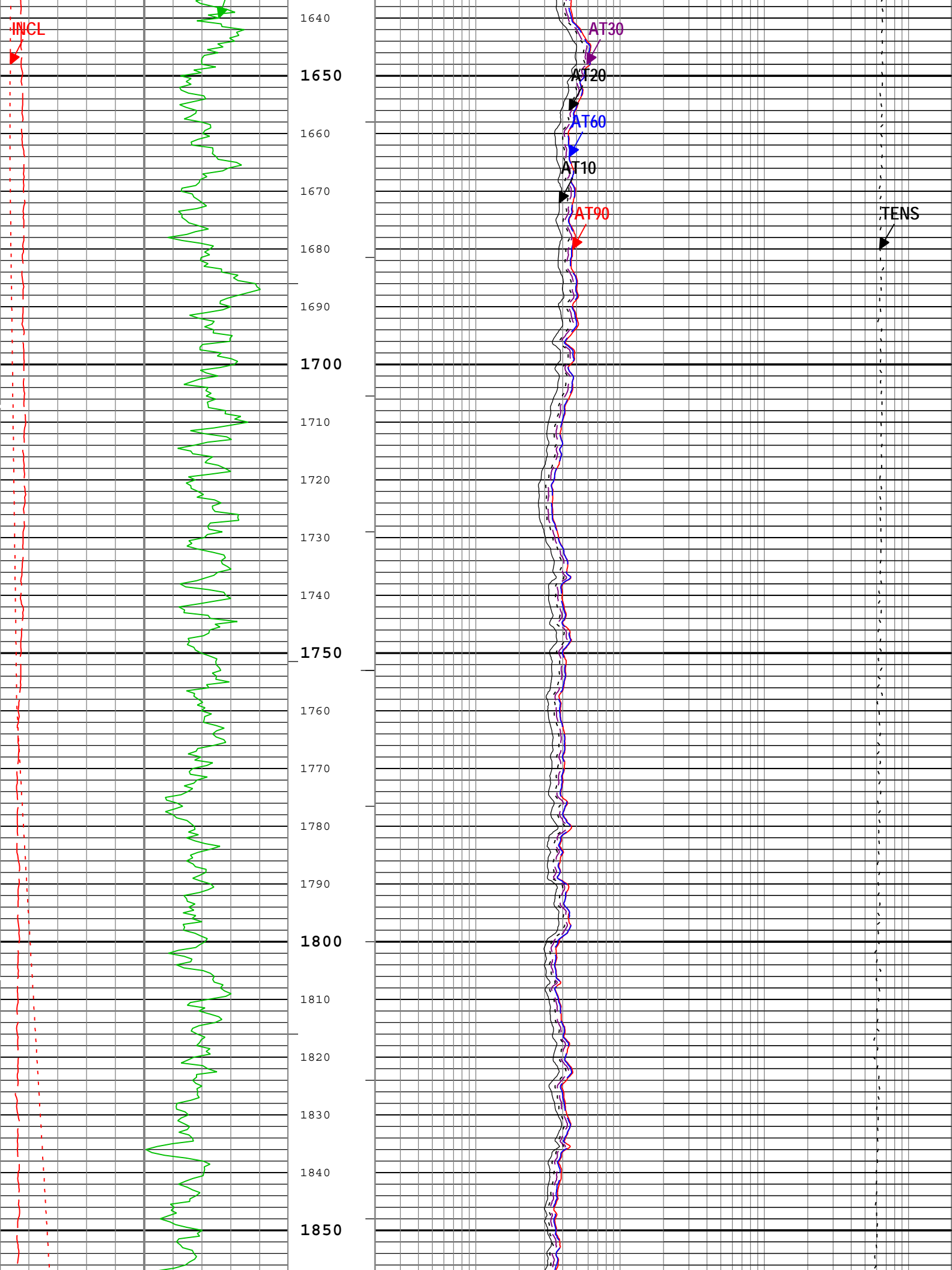
ICV - Integrated Cement Volume every 100.00 (ft3)



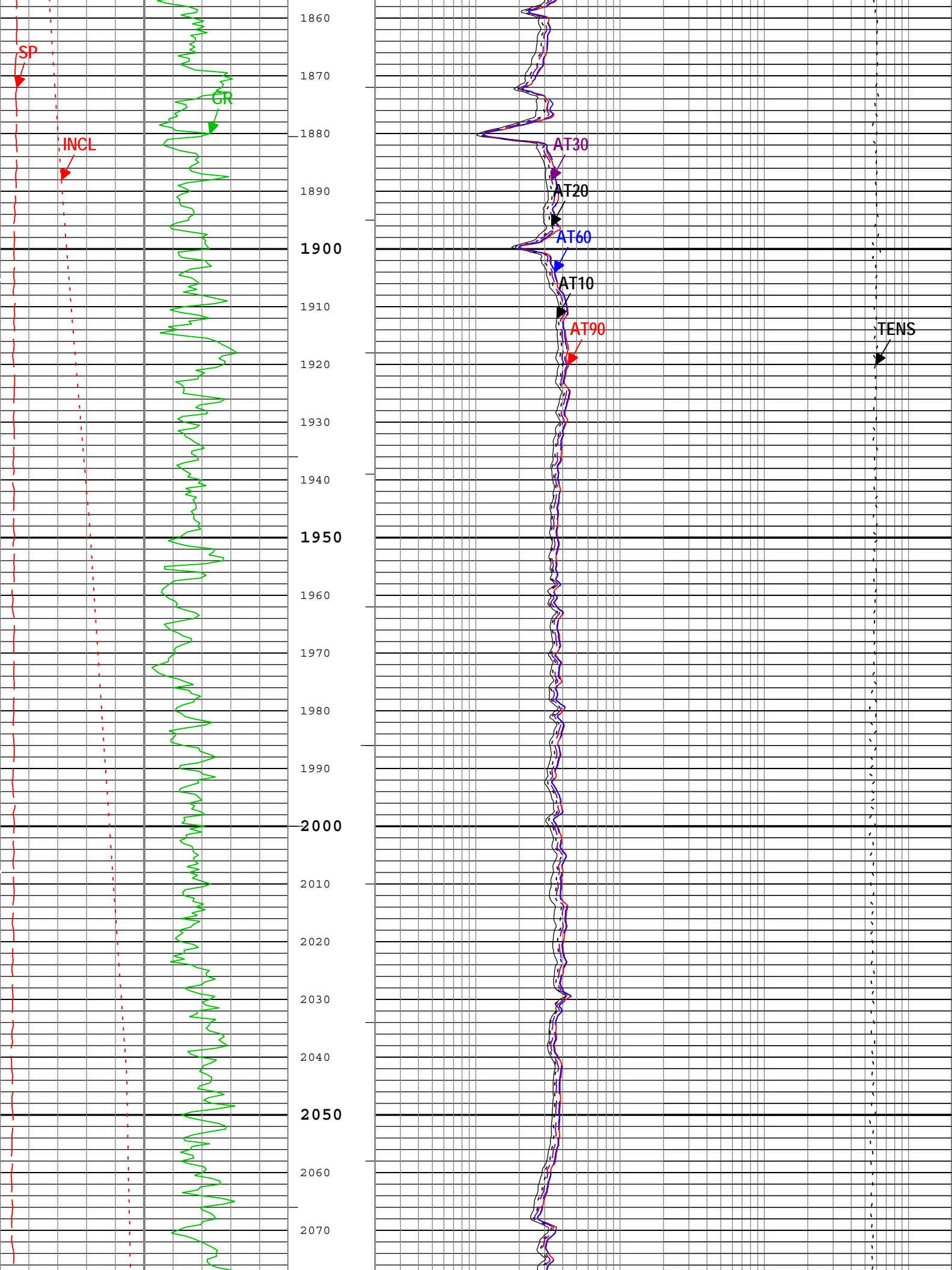


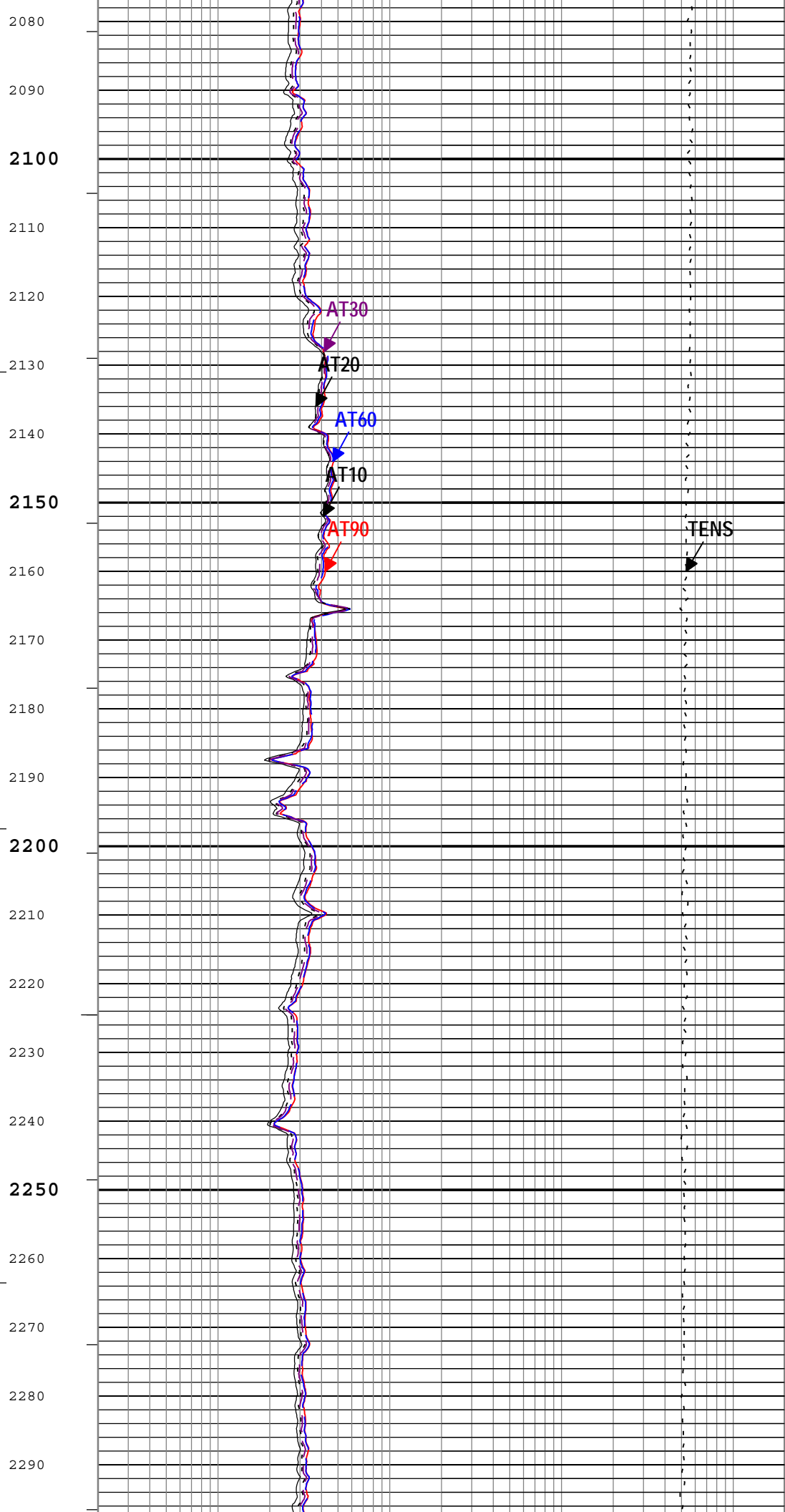
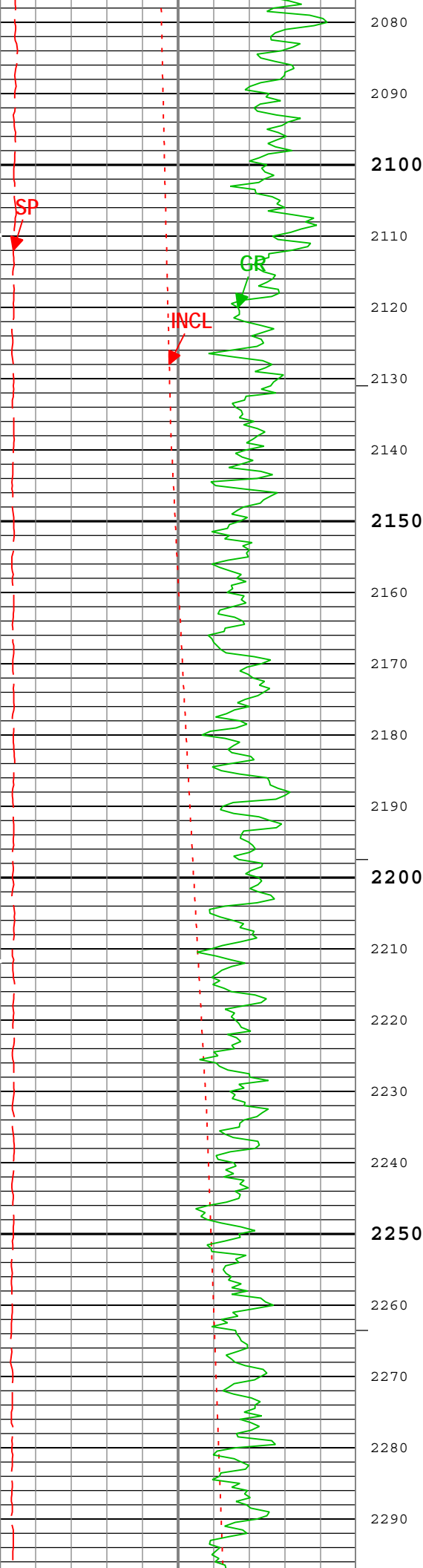


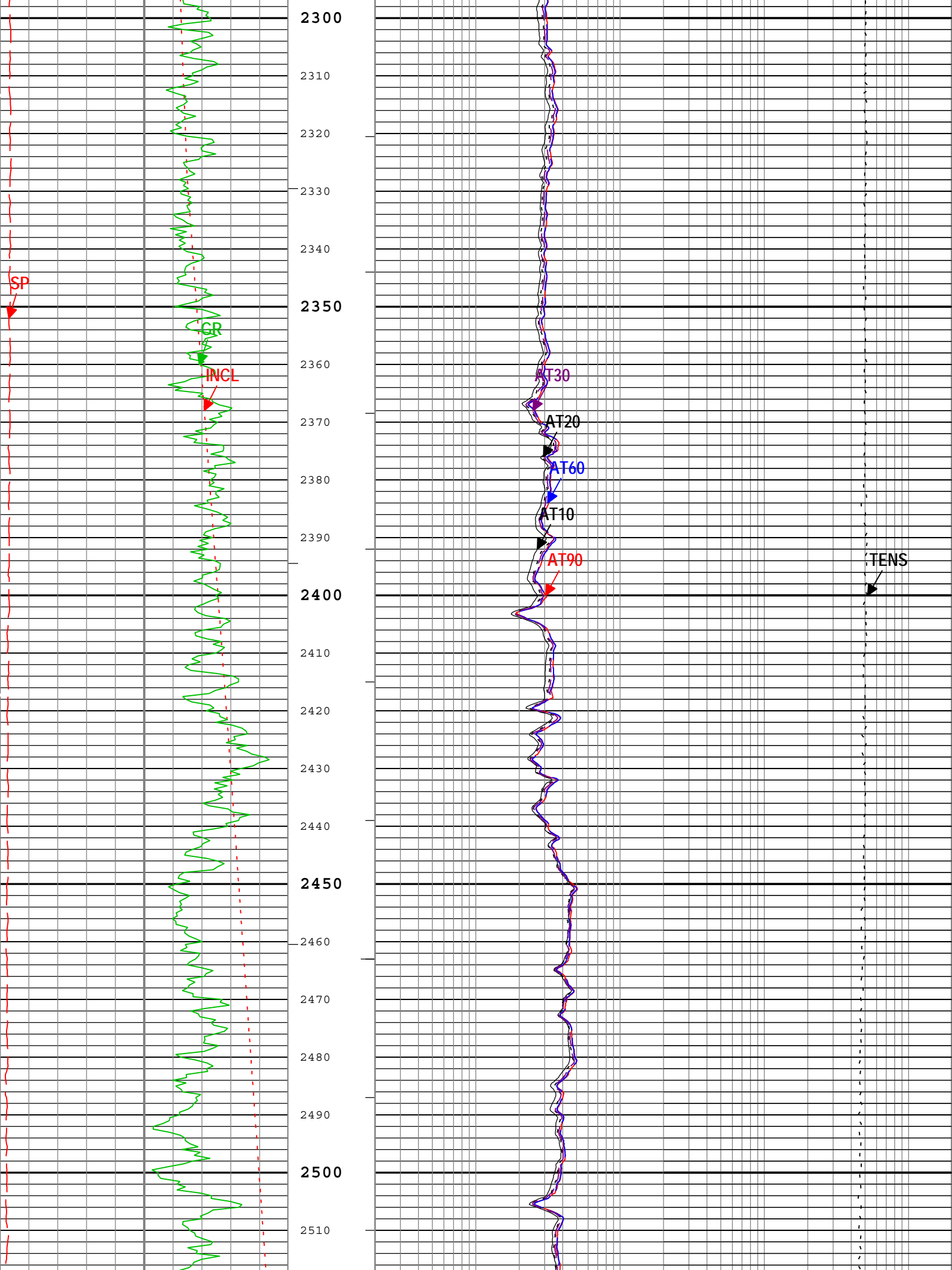


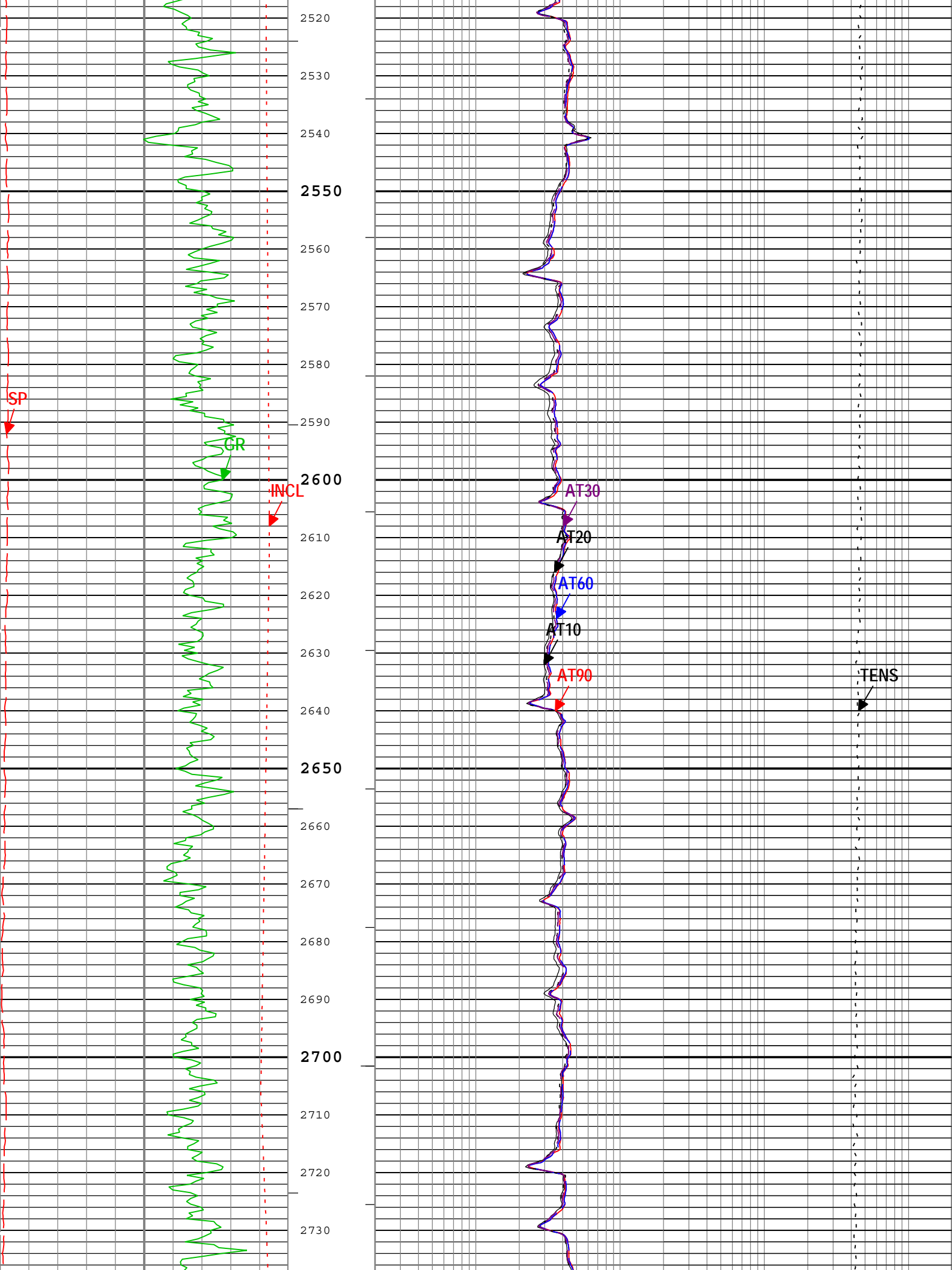


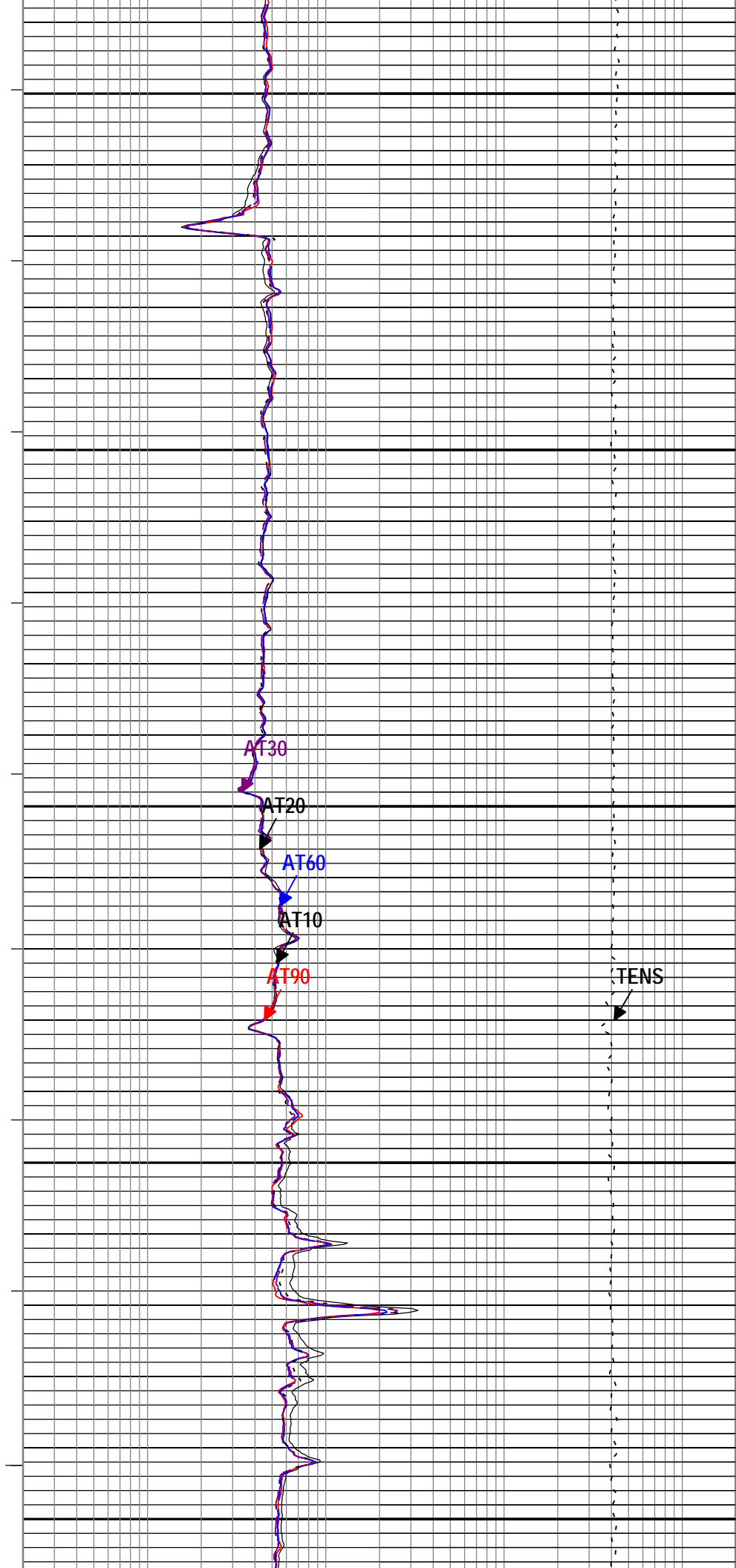
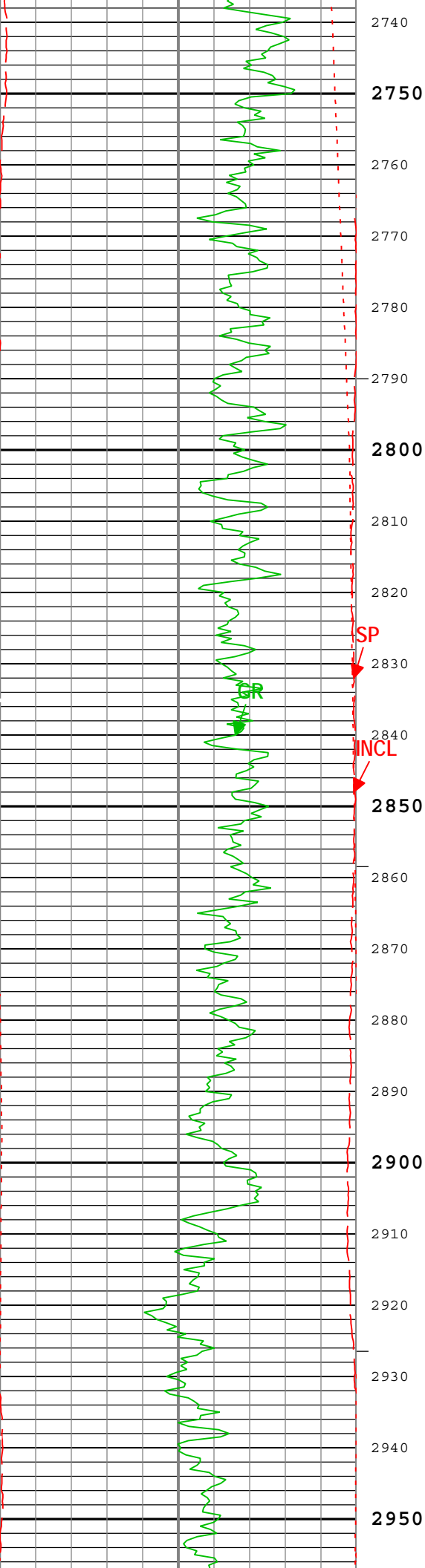


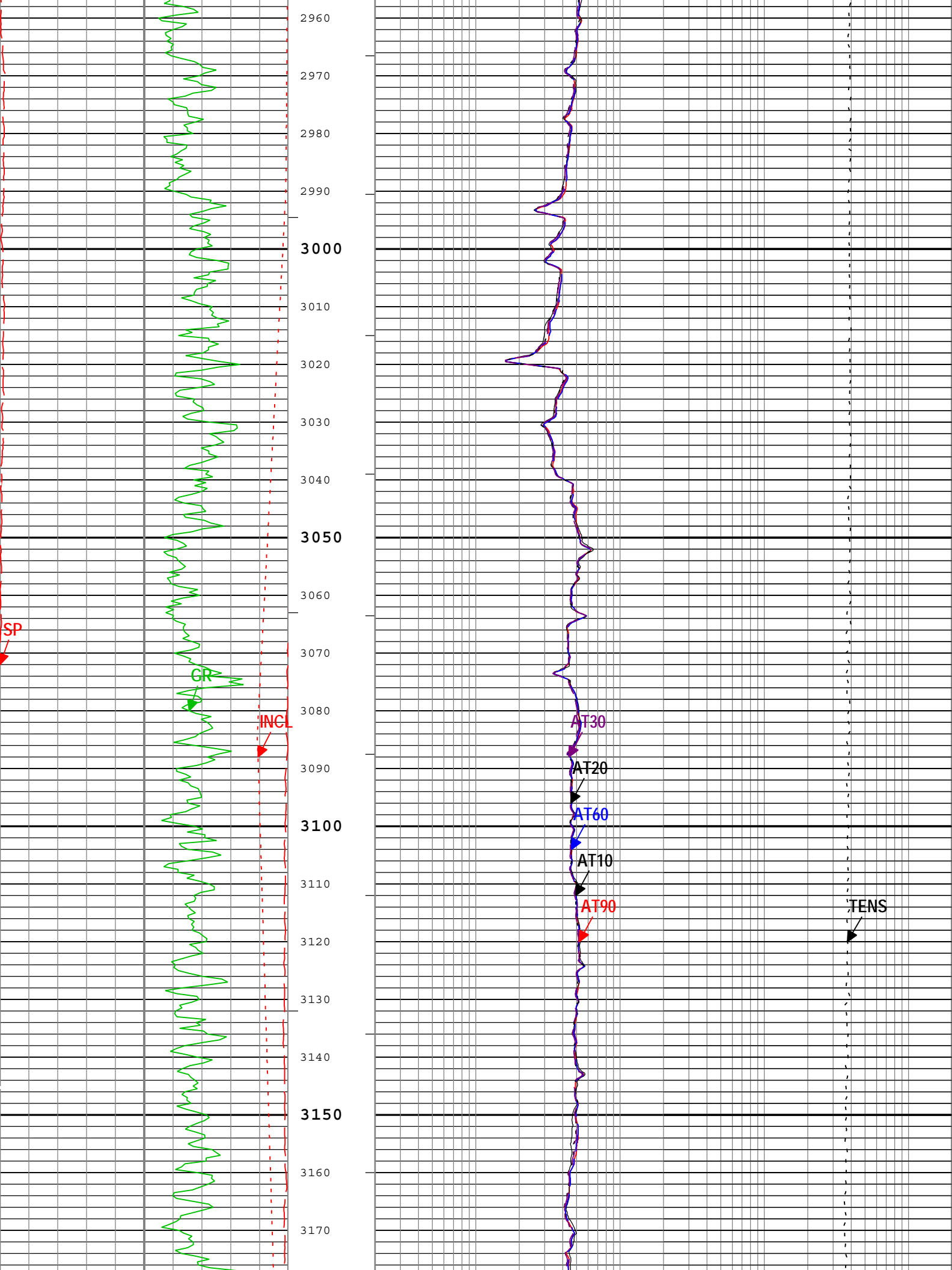


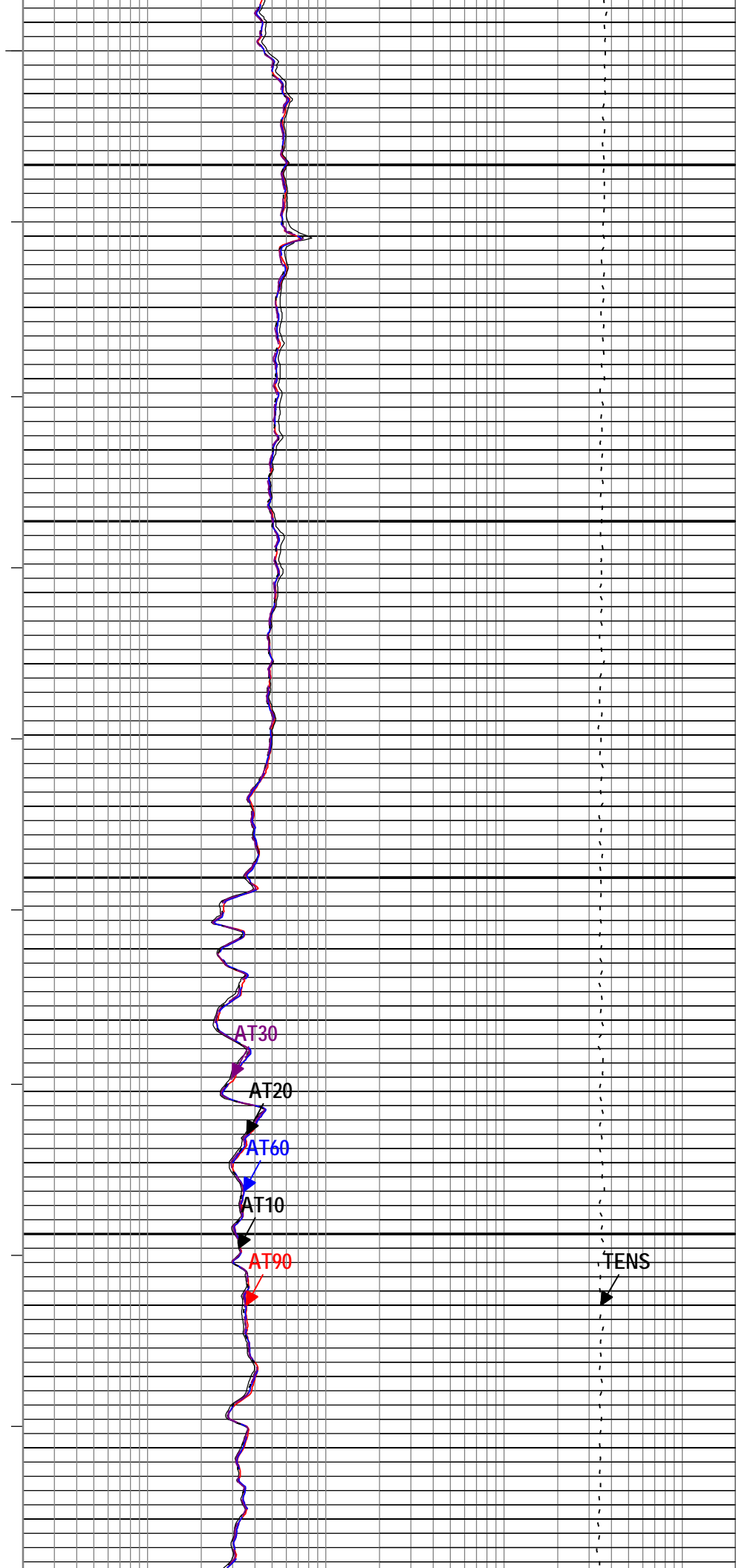
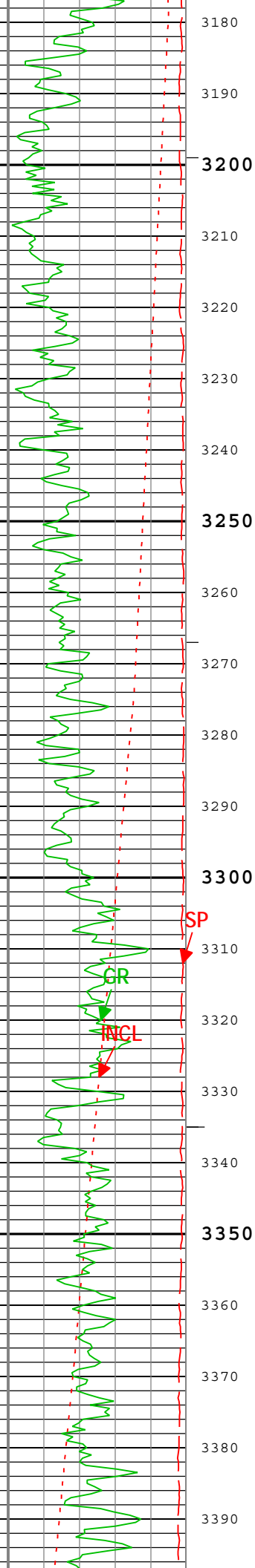


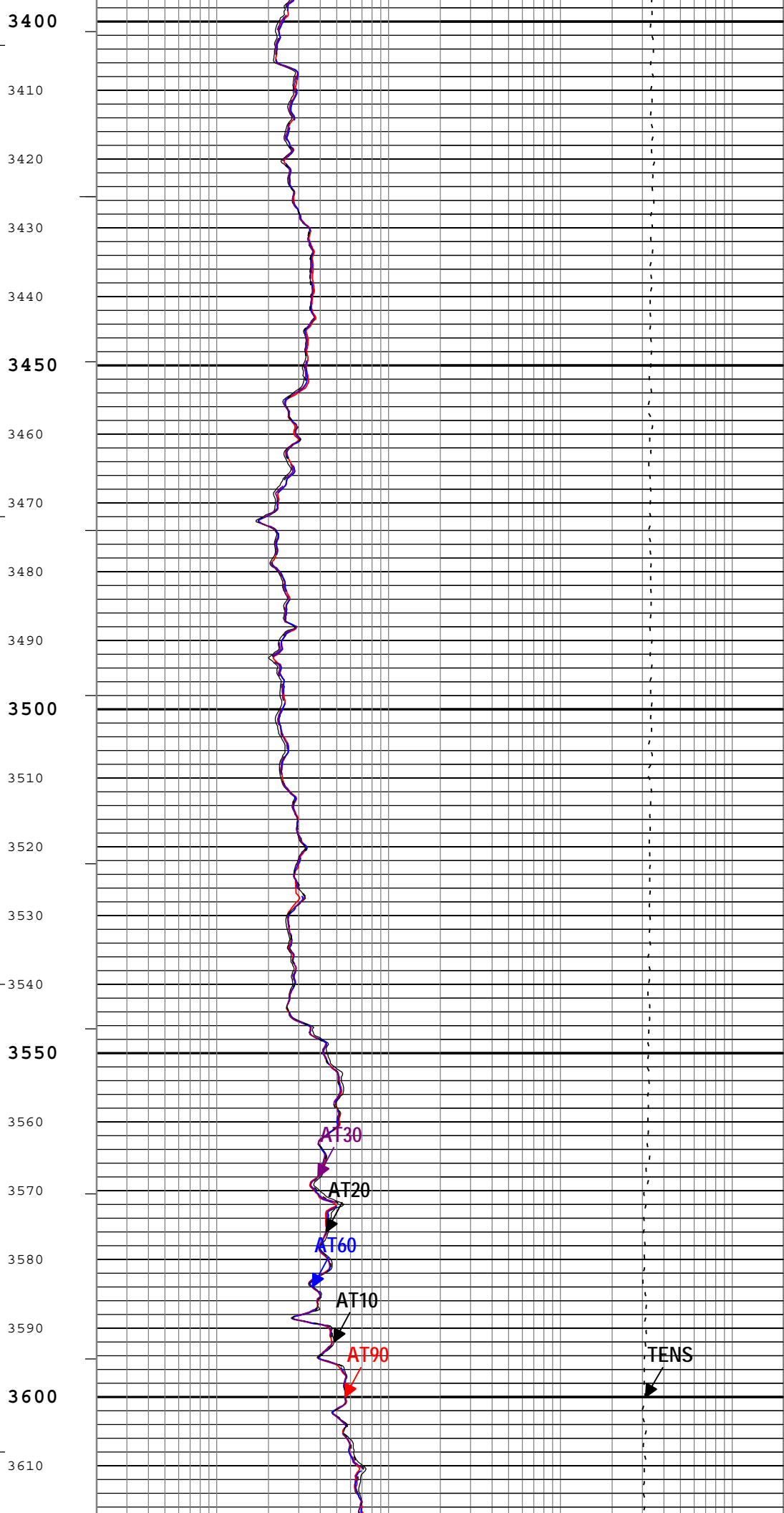
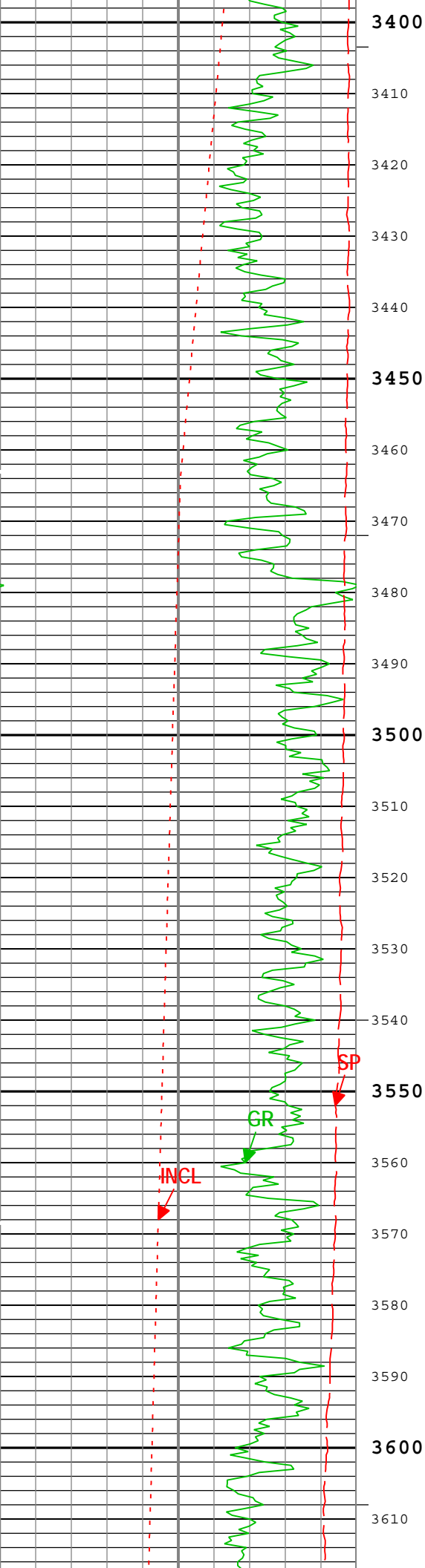




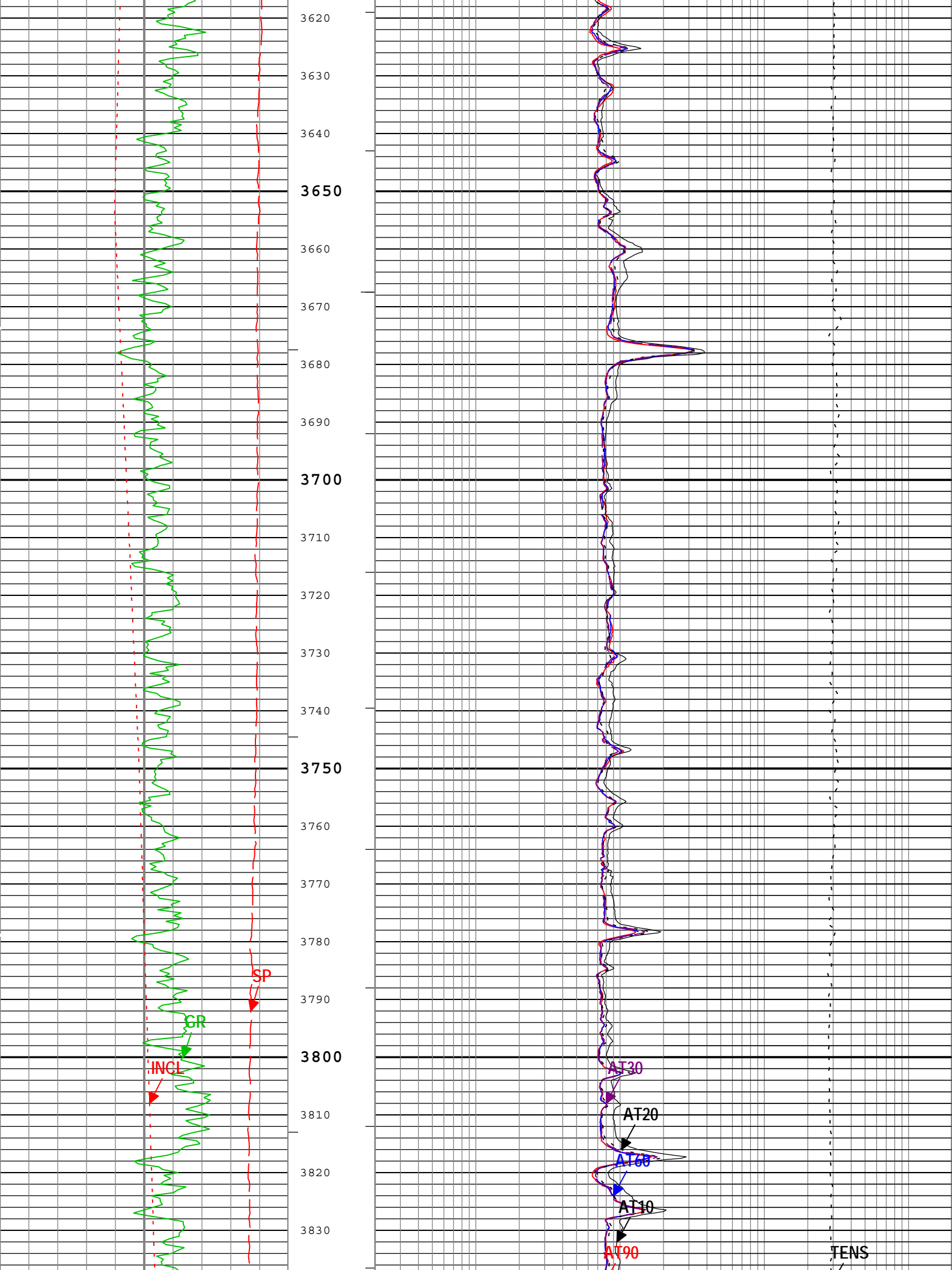


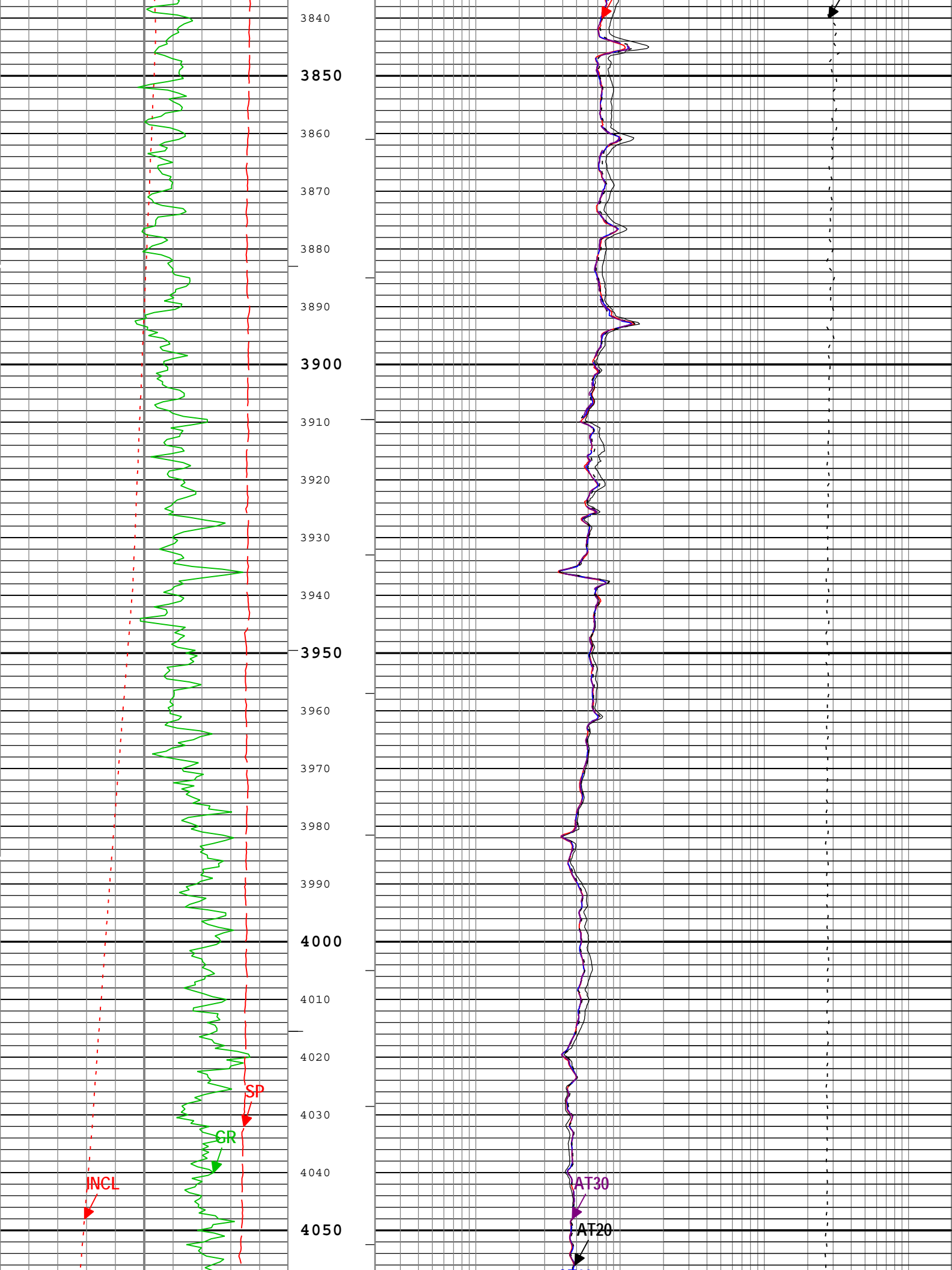


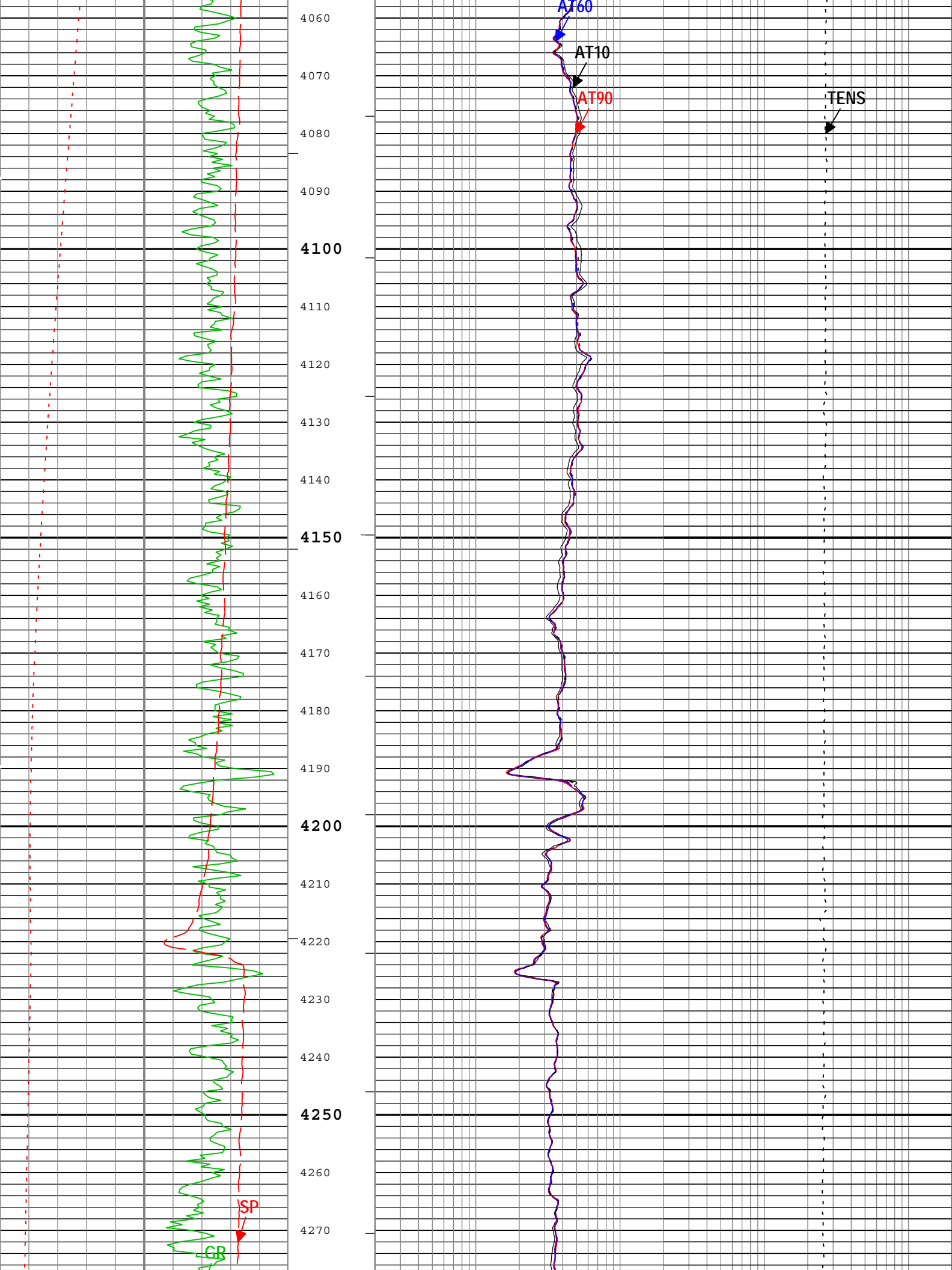


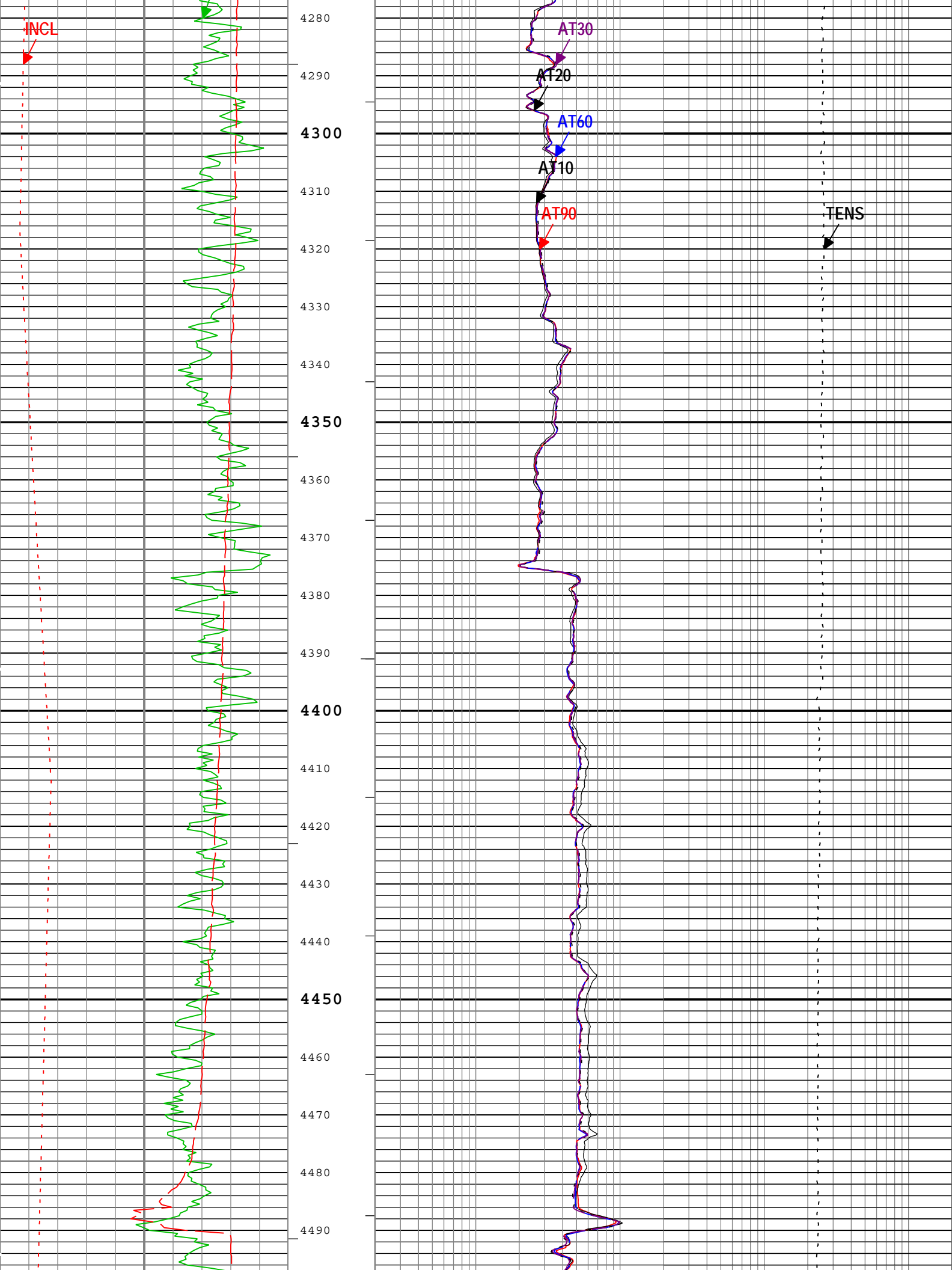


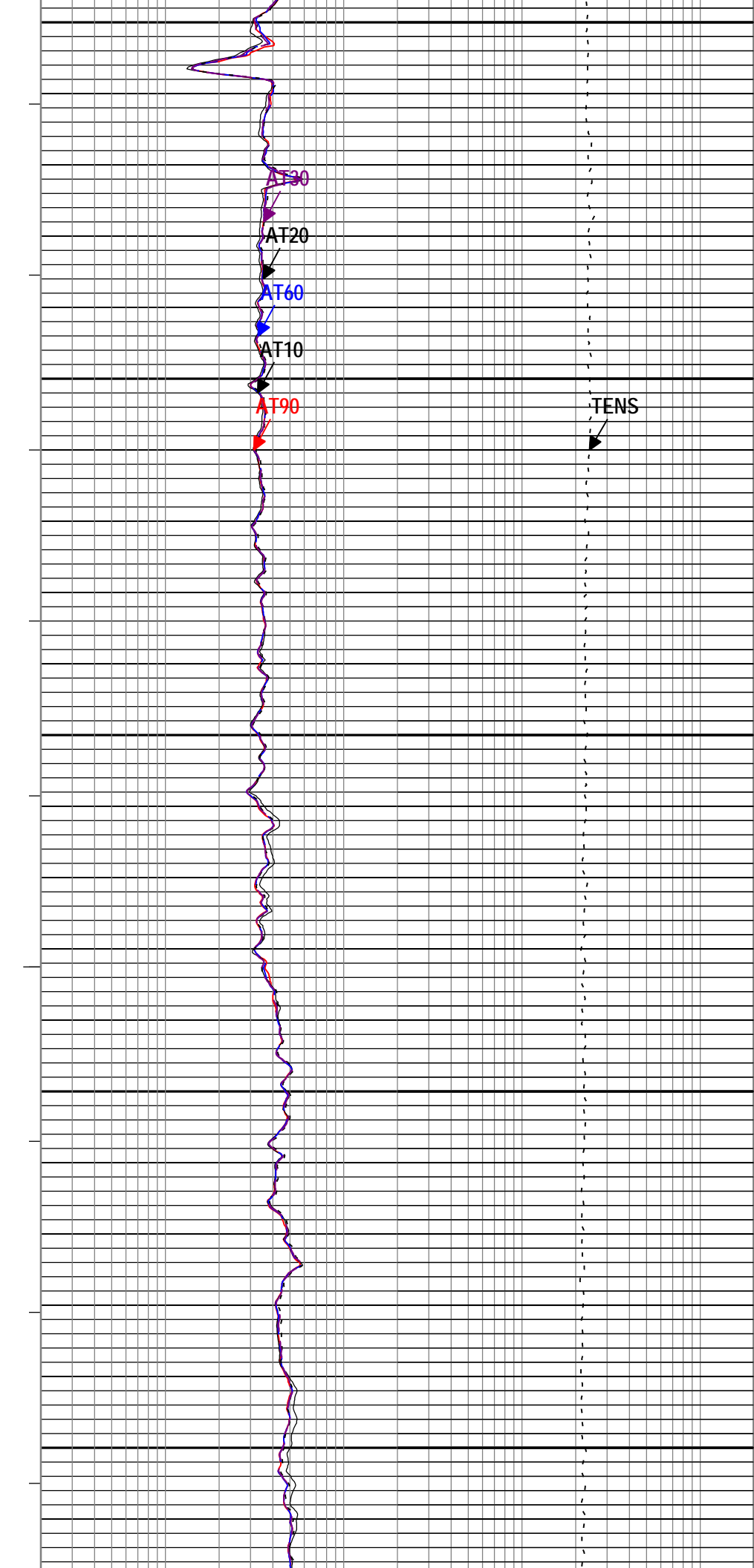
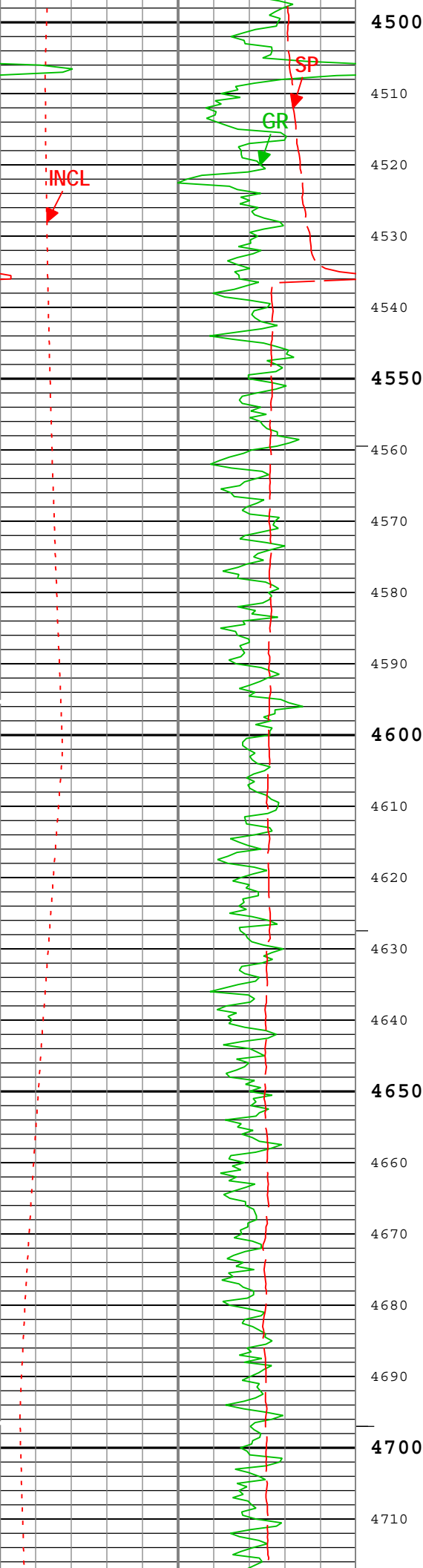


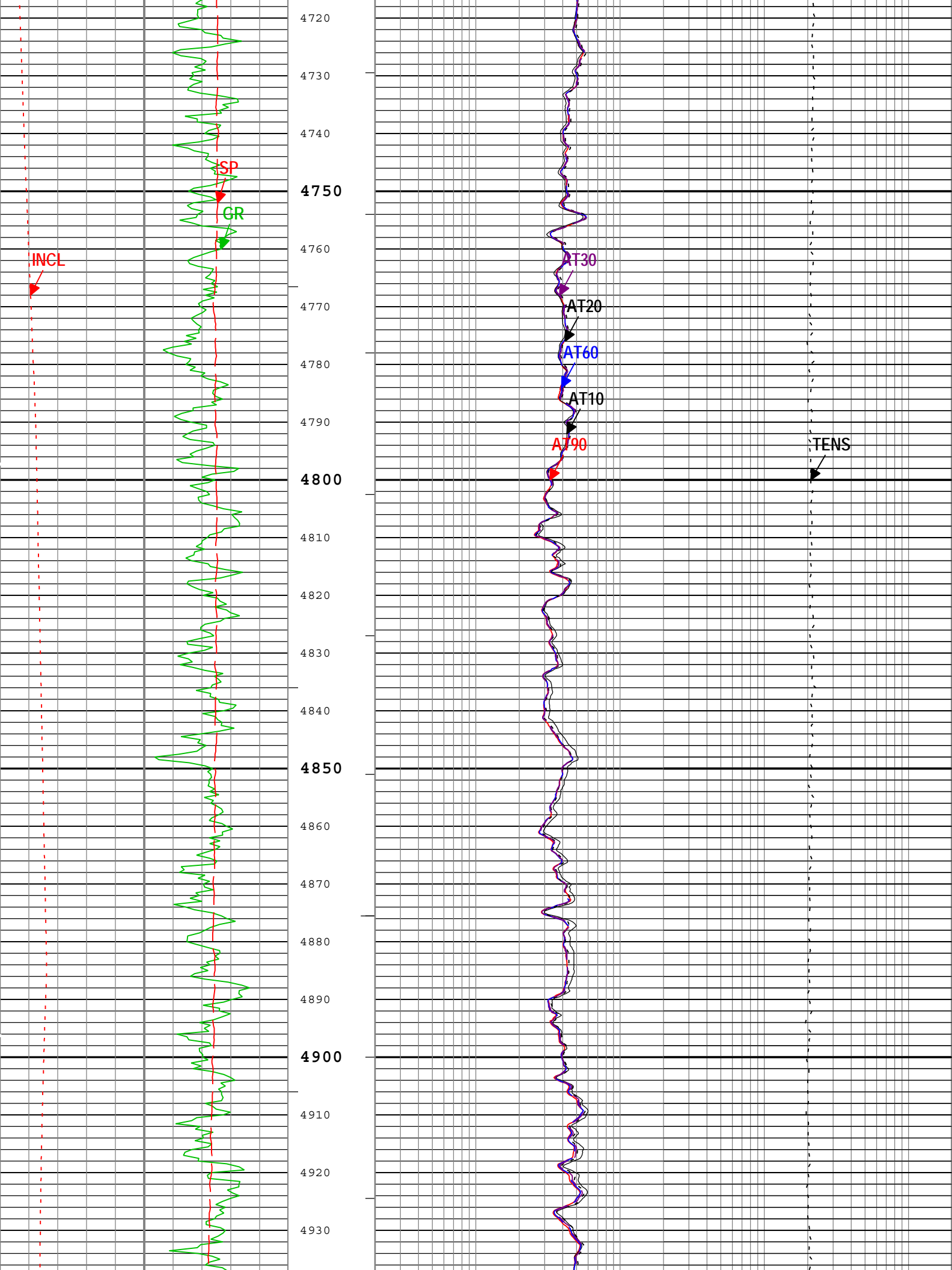


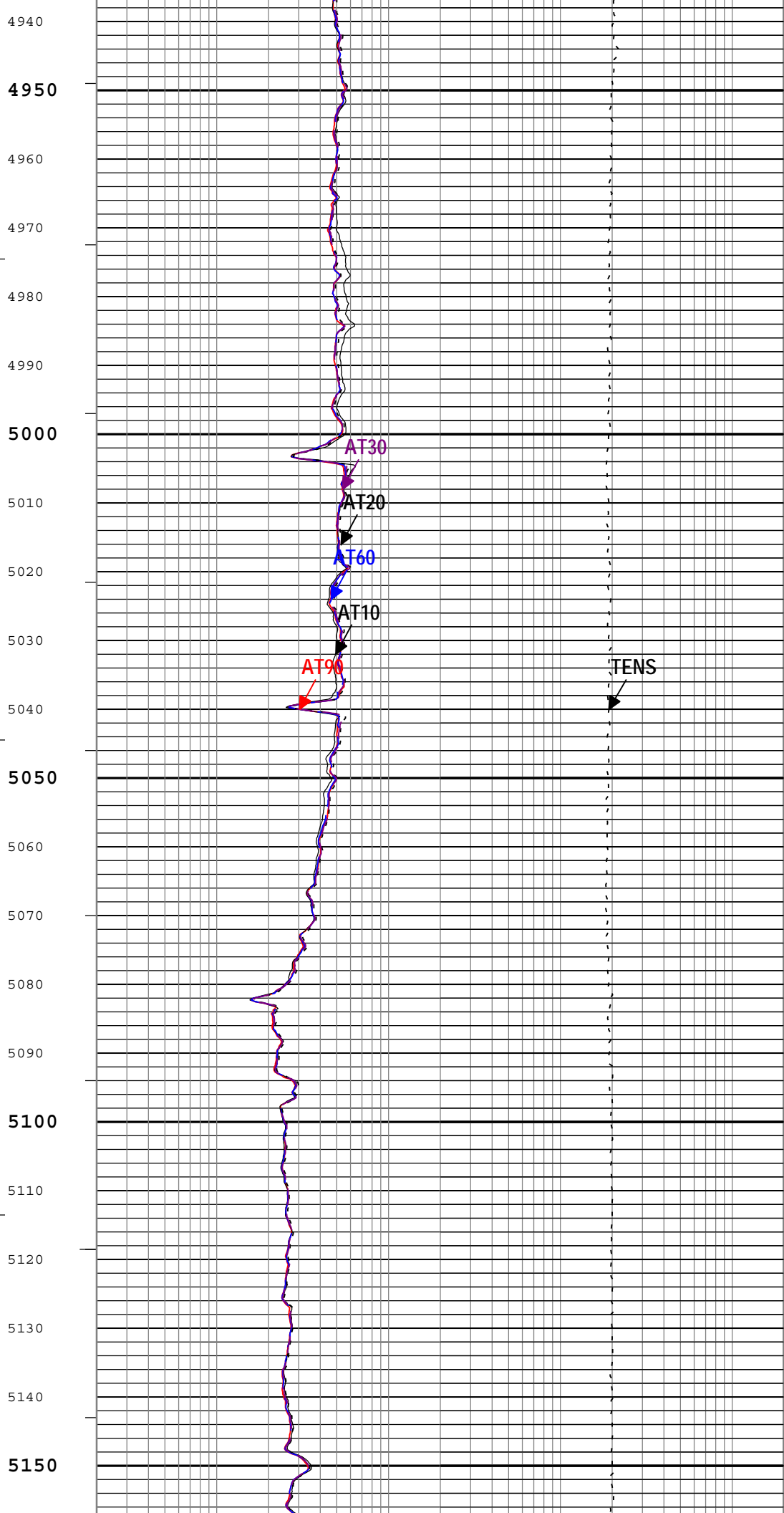
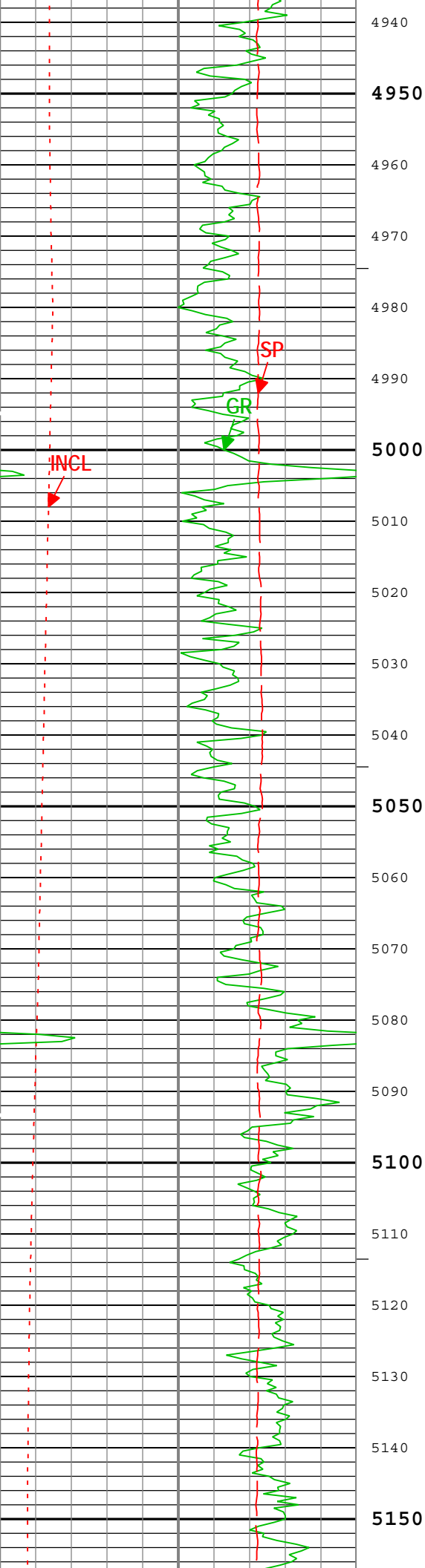


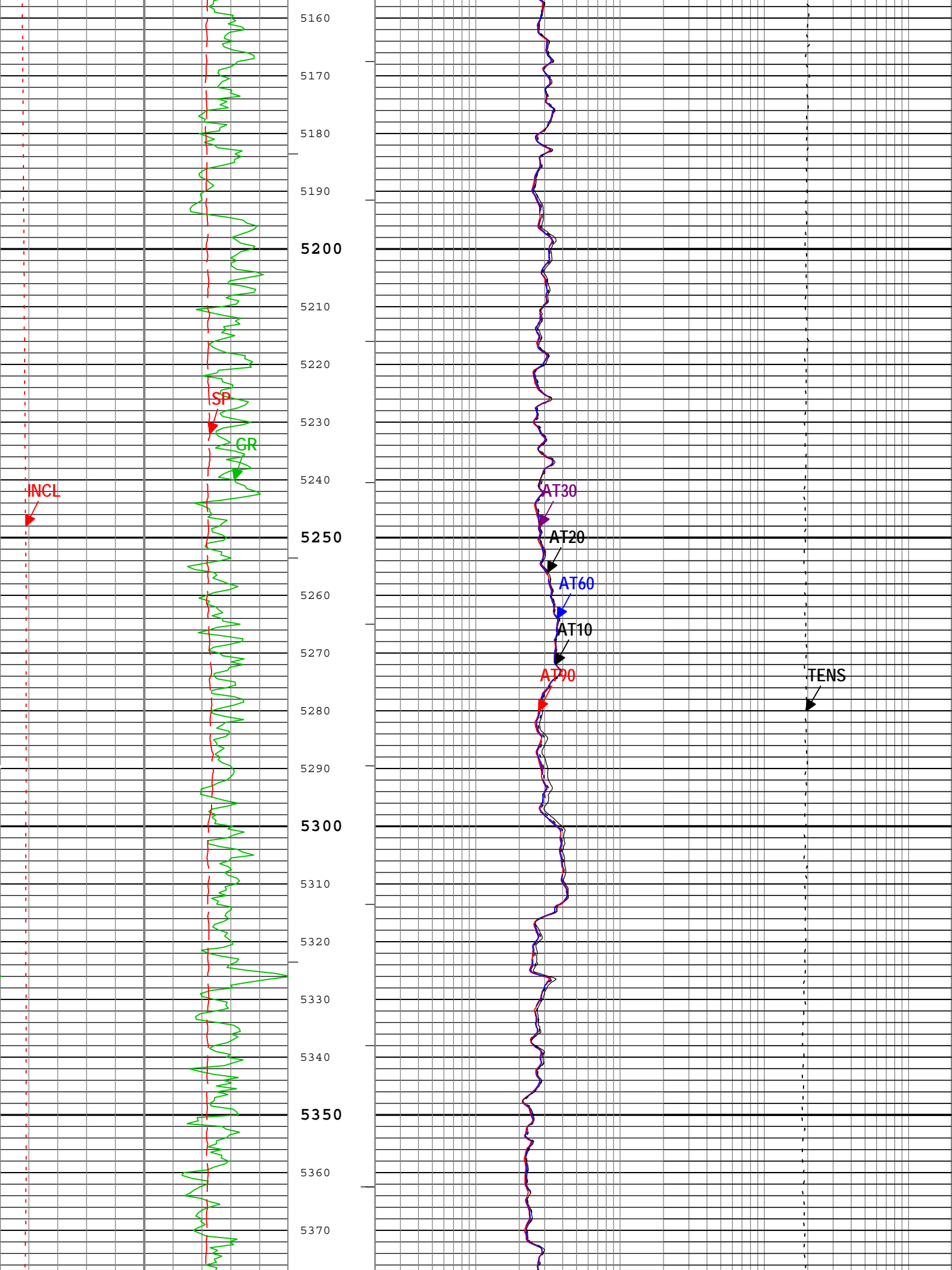




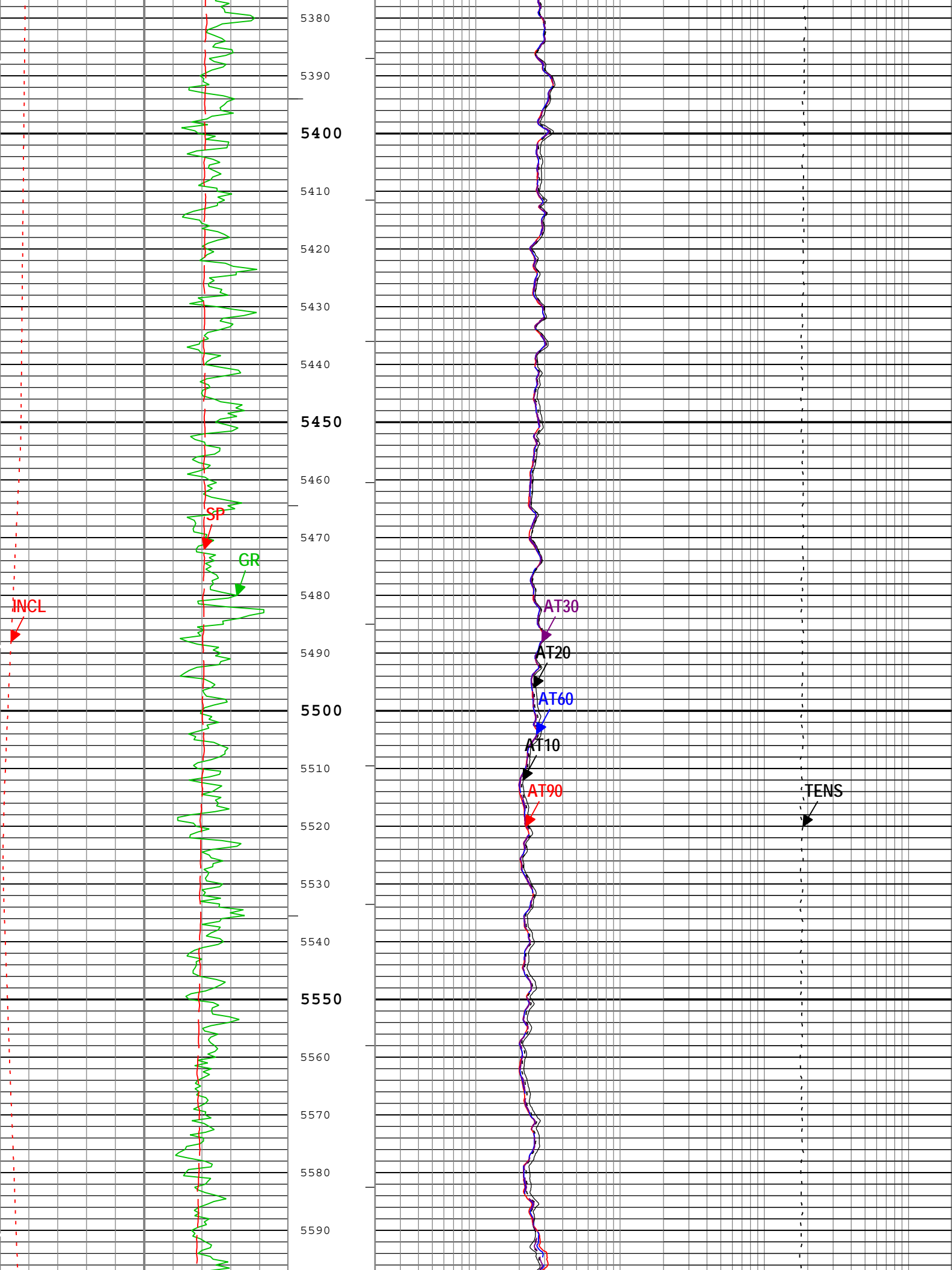


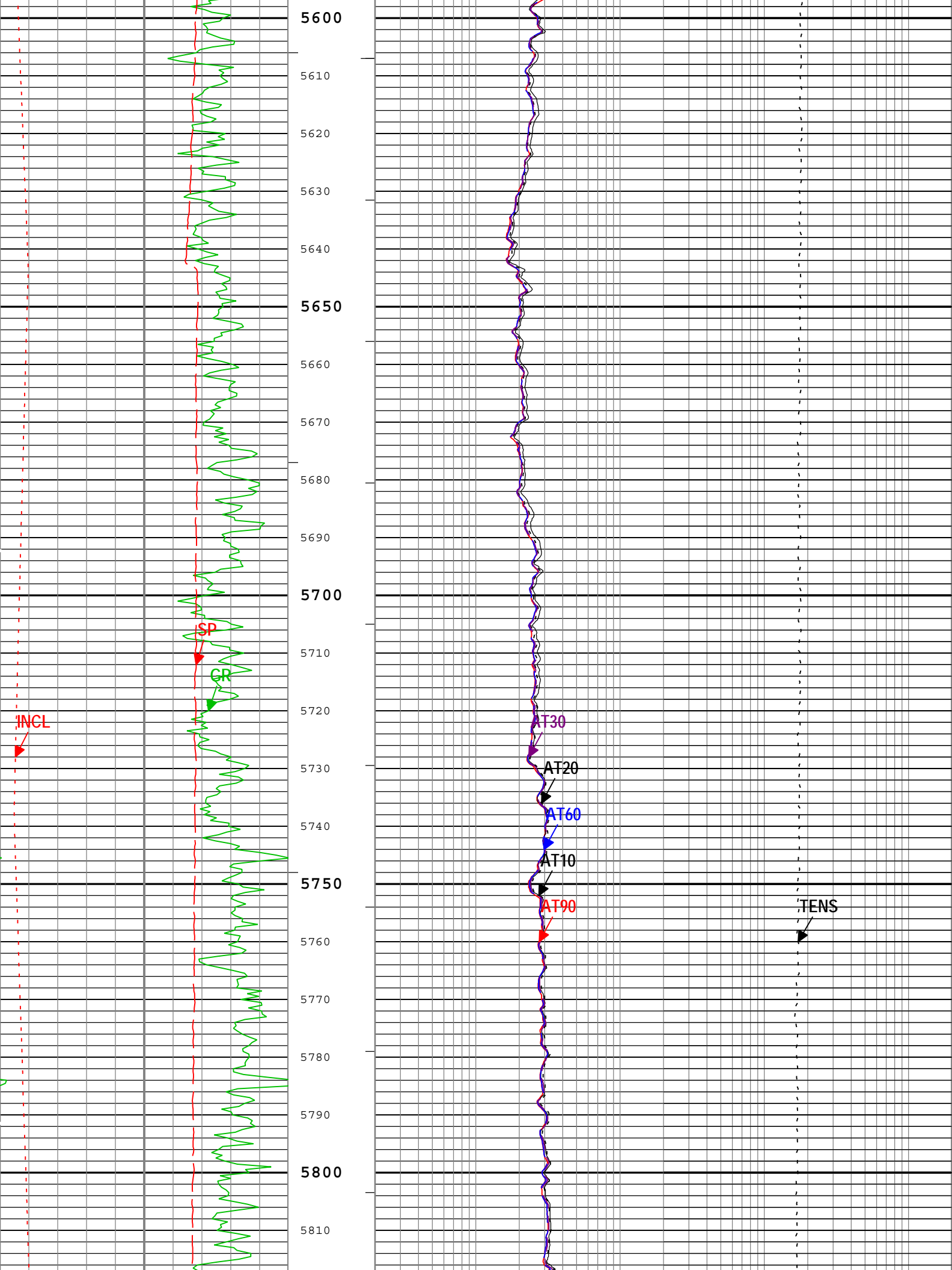


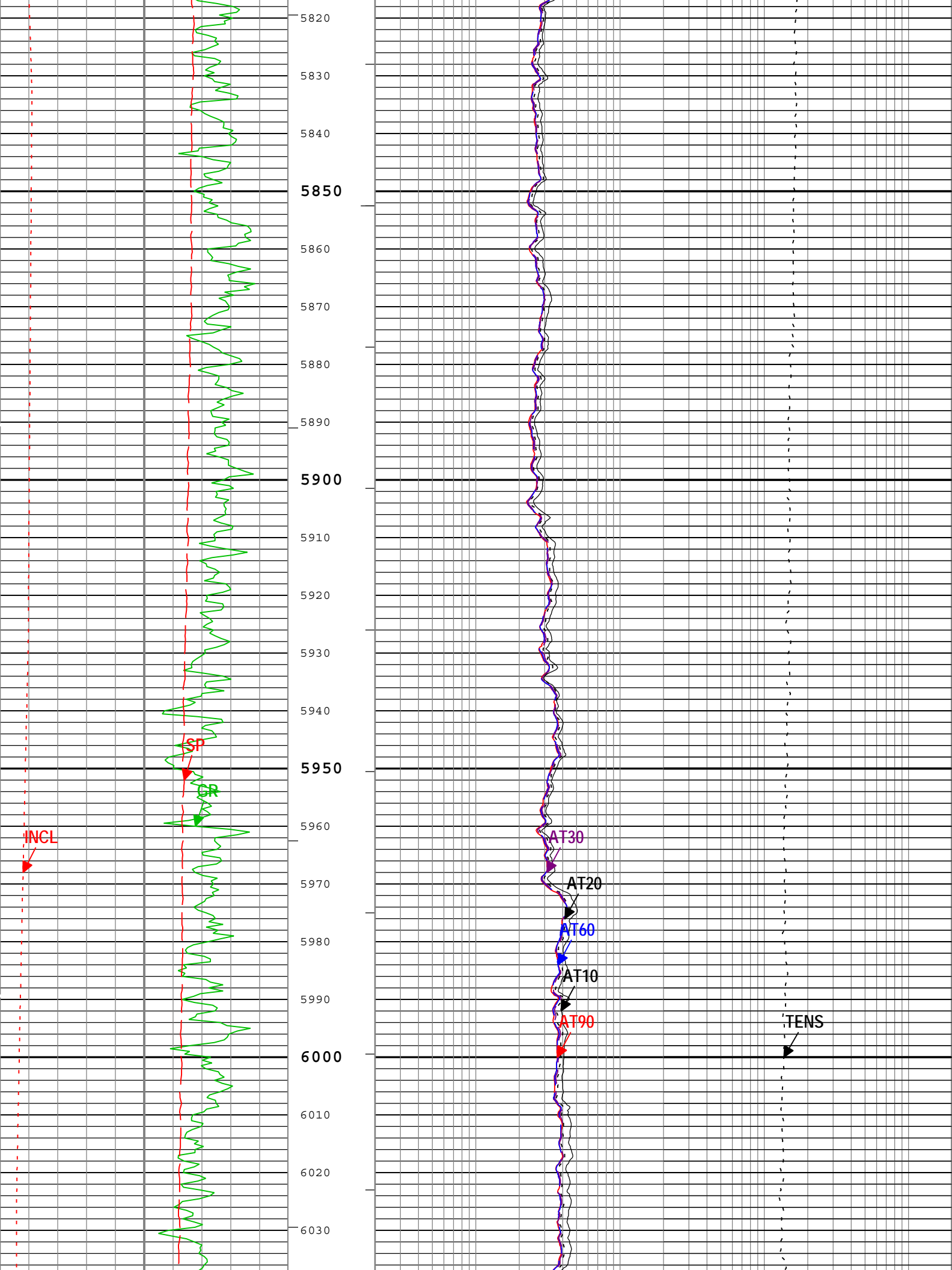


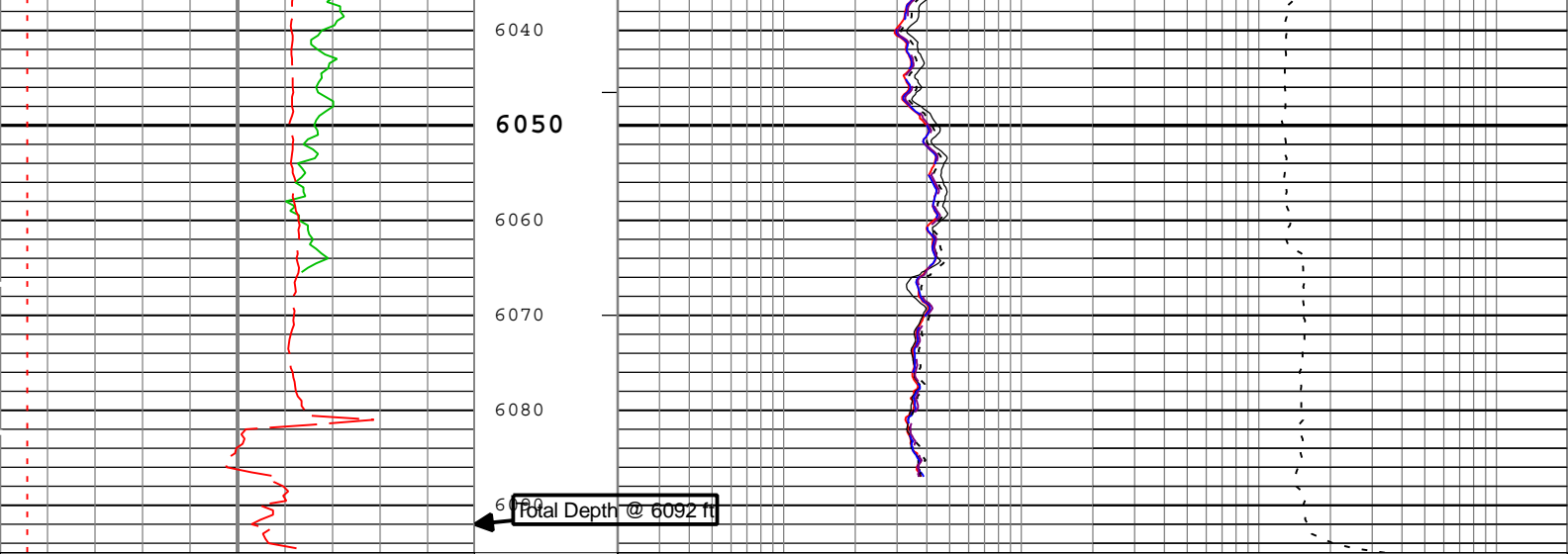












Hole inclination (INCL)		
0	deg	10
Gamma Ray (GR) SGT-N		
0	gAPI	150
Spontaneous Potential (SP) AIT-M		
-80	mV	20

Array Induction Two Foot Resistivity A90 (AT90) AIT-M		
0.2	ohm.m	2000
Array Induction Two Foot Resistivity A10 (AT10) AIT-M		
0.2	ohm.m	2000
Array Induction Two Foot Resistivity A60 (AT60) AIT-M		
0.2	ohm.m	2000
Array Induction Two Foot Resistivity A20 (AT20) AIT-M		
0.2	ohm.m	2000
Array Induction Two Foot Resistivity A30 (AT30) AIT-M		
0.2	ohm.m	2000

Cable Tension (TENS)		
5000	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 Upper )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth    Creation Date: 04-Jul-2014 13:13:38

Channel Processing Parameters				
Parameter	Description	Tool	Value	Unit
ABHM	Array Induction Borehole Correction Mode	AIT-M	Compute Standoff	
ACDE	Array Induction Casing Detection Enable	AIT-M	No	
BARI	Barite Mud Presence Flag	Borehole	No	
BHS	Borehole Status (Open or Cased Hole)	Borehole	Open	
BS	Bit Size	WLSESSION	8.75	in
CBLO	Casing Bottom (Logger)	WLSESSION	848	ft
CDEN	Cement Density	SGT-N	2	g/cm3
CSODDRL	Casing Outer Diameter - Zoned along driller depths	WLSESSION	9.625	in
DC_MODE	Depth Correction Mode	DepthCorrection	Real-time	
DFD	Drilling Fluid Density	Borehole	9.8	lbm/gal
ETIP	Elevation of the TIP above MSL	WLSESSION	4733	ft
FCD	Future Casing (Outer) Diameter	WLSESSION	7	in
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	UD1	

GCSE_UP_PASS	Generalized Caliper Selection for V/L Log Up Passes	Borehole	ADT	
GRSE	Generalized Mud Resistivity Selection, from Measured or Computed Mud Resistivity	Borehole	AMF	
SPDR	SP Drift Per Foot	AIT-M	0	mV/ft
TPOS	Tool Position: Centered or Eccentered	SGT-N	Centered	

Tool Control Parameters

Parameter	Description	Tool	Value	Unit
MAX_LOG_SPEED	Toolstring Maximum Logging Speed	WLSESSION	3600	ft/h

Run 1

Pass Summary

Run Name	Pass Objective	Direction	Top	Bottom	Start	Stop	DSC Mode	Depth Shift	Include Parallel Data
Run 1	Repeat[2]:Up	Up	5440.26 ft	6099.99 ft	04-Jul-2014 11:04:06 AM	04-Jul-2014 11:12:27 AM	ON	7.96 ft	Yes
Run 1	Main[3]:Up	Up	64.12 ft	6095.03 ft	04-Jul-2014 11:18:09 AM	04-Jul-2014 12:20:48 PM	ON	-3.42 ft	Yes

All depths are referenced to toolstring zero

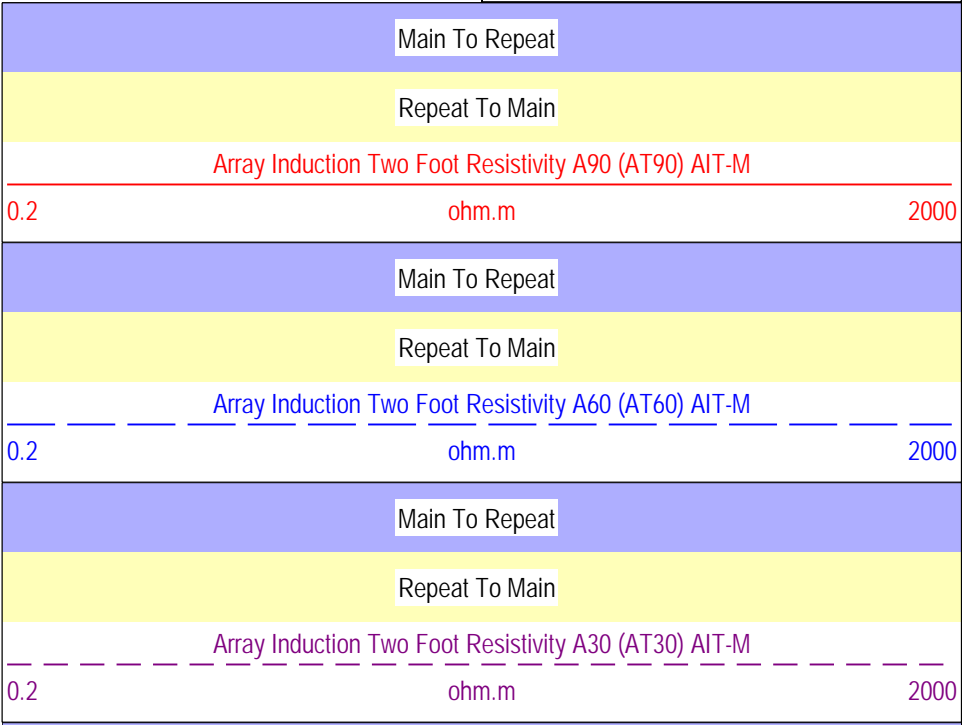
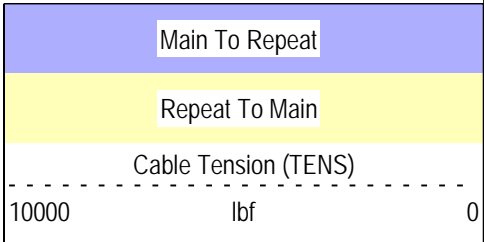
Log

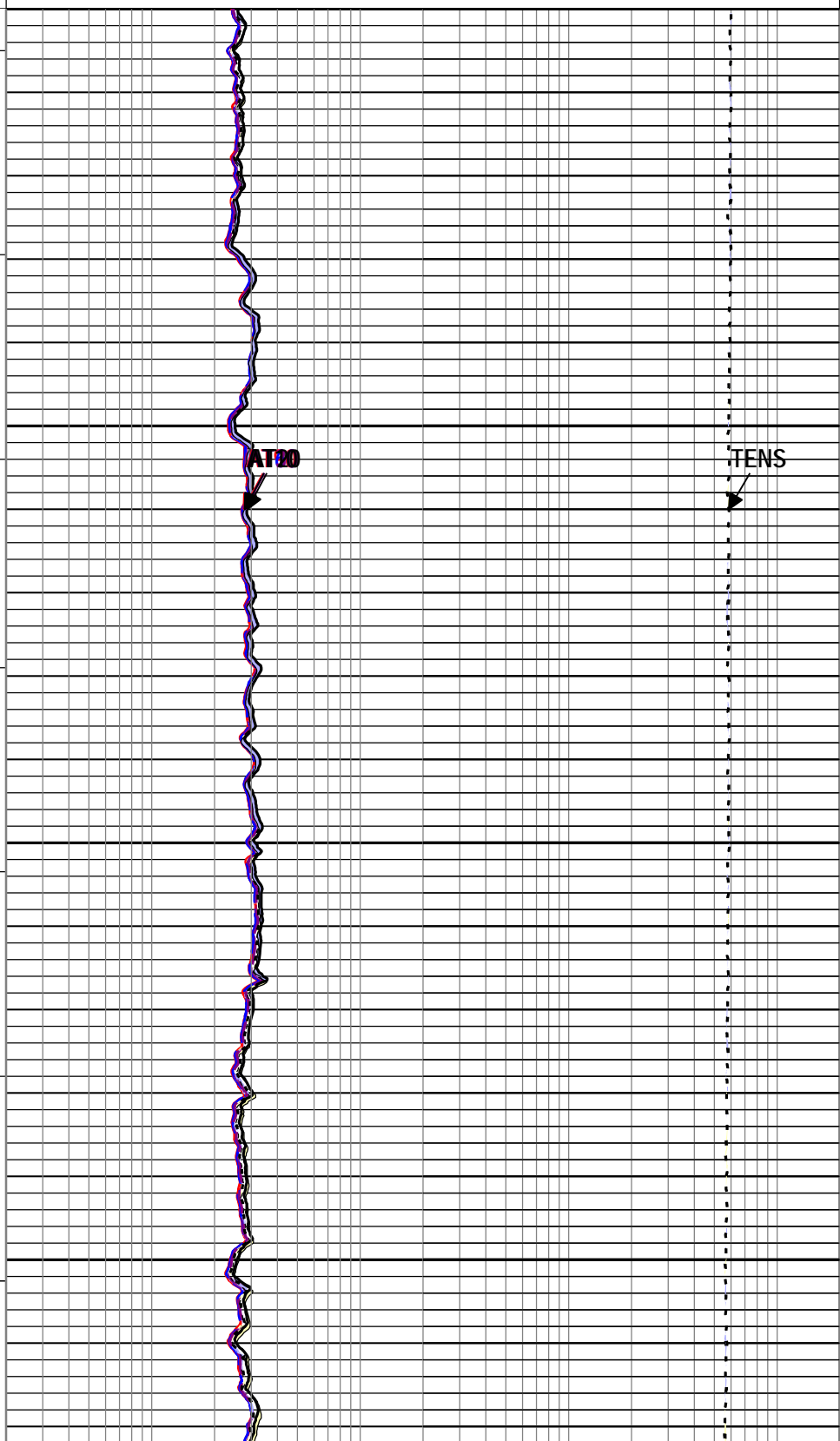
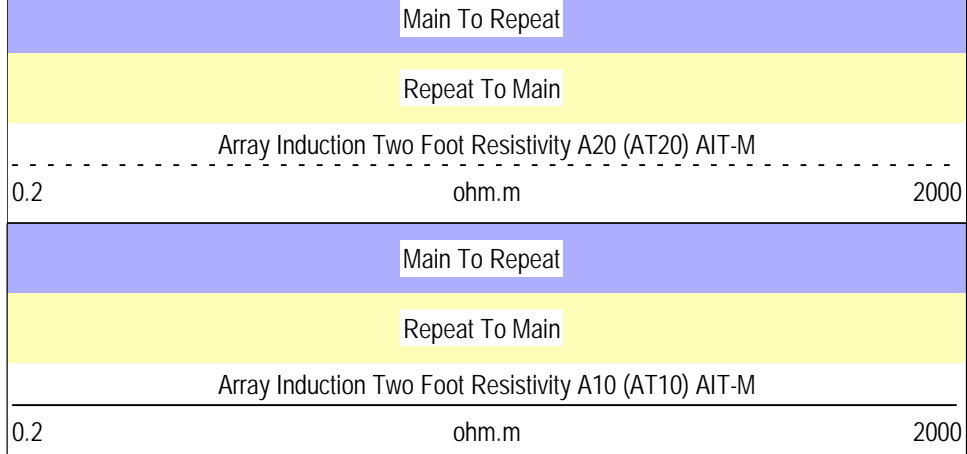
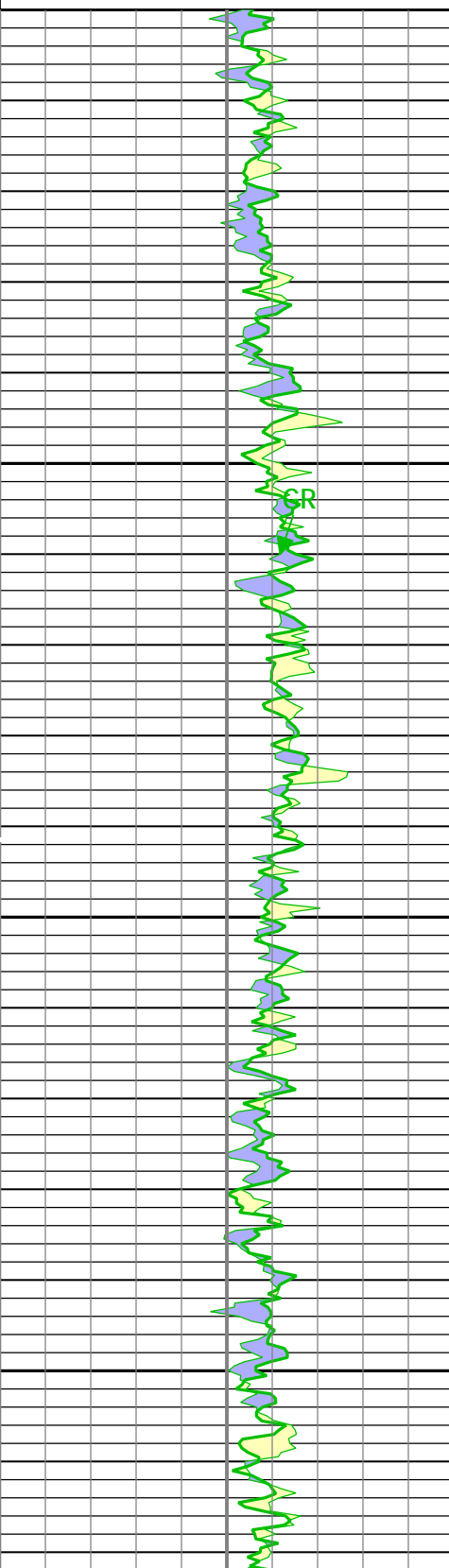
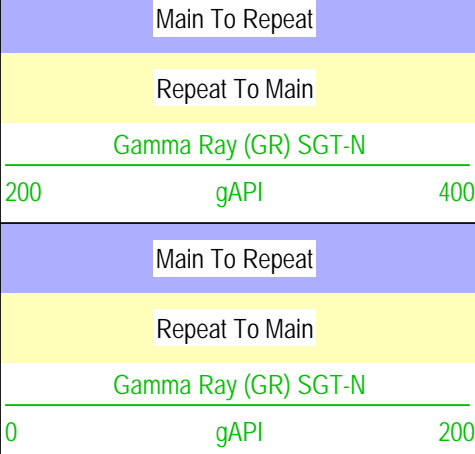
Company:Noble Energy Inc      Well:NCLP AA06-62-1AHNC  
Run 1: Main[3]:Up:S011

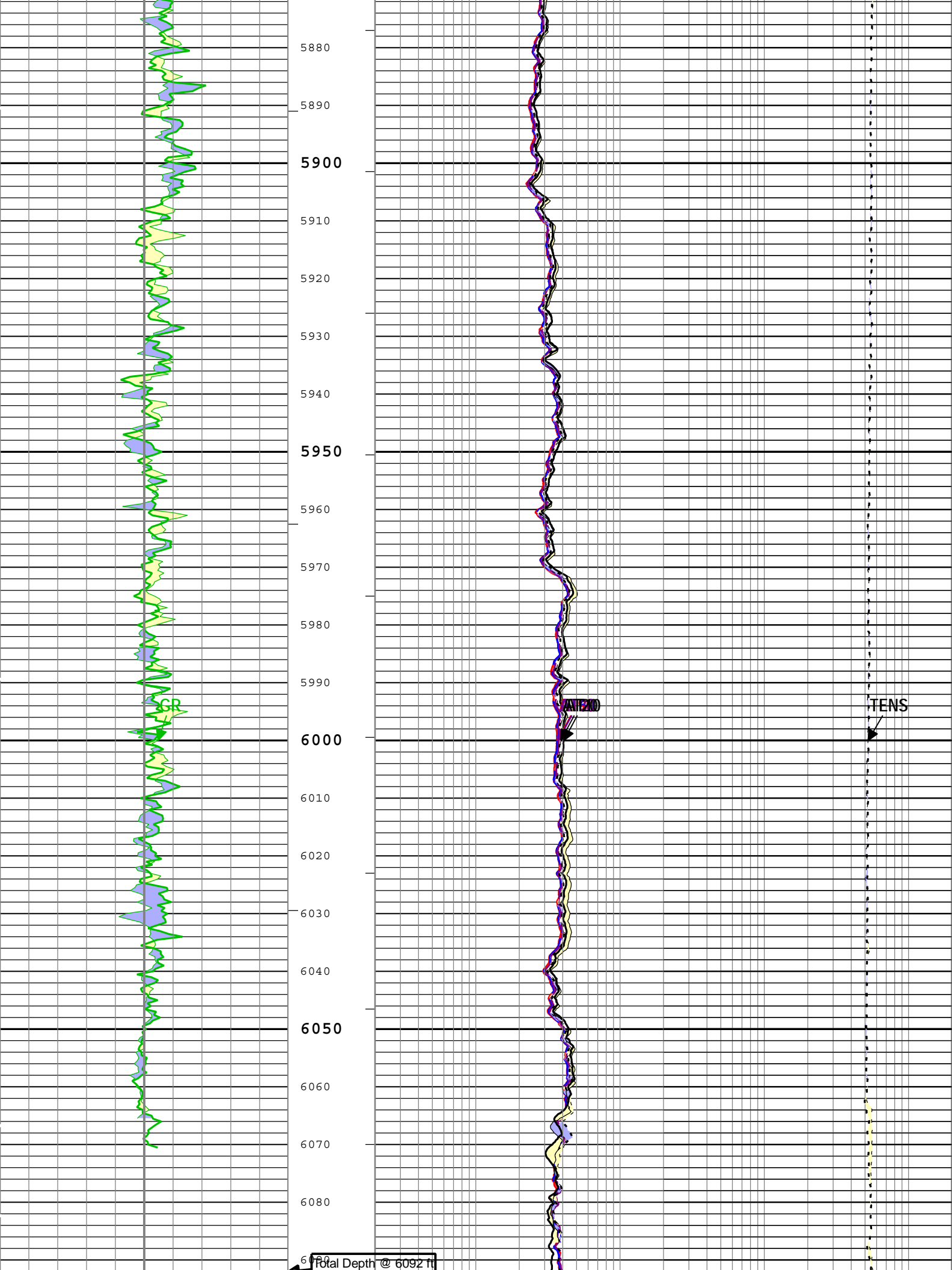
Description: AIT Basic Log Two    Format: Log ( KM 5in Induction Upper RA )    Index Scale: 5 in per 100 ft    Index Unit: ft    Index Type: Measured Depth  
Creation Date: 04-Jul-2014 13:13:40

TIME\_1900 - Time Marked every 60.00 (s)

- IHV - Integrated Hole Volume every 10.00 (ft3)
- IHV - Integrated Hole Volume every 100.00 (ft3)
- ICV - Integrated Cement Volume every 10.00 (ft3)
- ICV - Integrated Cement Volume every 100.00 (ft3)







Calibration Report			
AIT-M (Array Induction Tool - M) Calibration - Run 1			
Primary Equipment :			
File code for AIT-MA Sonde Tool Element	AMIS	208	
Auxiliary Equipment :			
AITM Rm/SP Bottom Nose	AMRM	208	
AIT-Sonde Calibration - Tooling Code			



# AIT Sonde Calibration - Test Loop Gain

Master (EEPROM):		11:17:21 06-Jun-2014					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Test Loop Gain - 0		Master	1.000	0.950	1.014	1.050	
Test Loop Phase - 0	deg	Master	0	-3.000	0.552	3.000	
Test Loop Gain - 1		Master	1.000	0.950	1.016	1.050	
Test Loop Phase - 1	deg	Master	0	-3.000	0.570	3.000	
Test Loop Gain - 2		Master	1.000	0.950	1.014	1.050	
Test Loop Phase - 2	deg	Master	0	-3.000	0.112	3.000	
Test Loop Gain - 3		Master	1.000	0.950	1.018	1.050	
Test Loop Phase - 3	deg	Master	0	-3.000	0.147	3.000	
Test Loop Gain - 4		Master	1.000	0.950	0.997	1.050	
Test Loop Phase - 4	deg	Master	0	-3.000	0.104	3.000	
Test Loop Gain - 5		Master	1.000	0.950	0.990	1.050	
Test Loop Phase - 5	deg	Master	0	-3.000	-0.192	3.000	
Test Loop Gain - 6		Master	1.000	0.950	0.996	1.050	
Test Loop Phase - 6	deg	Master	0	-3.000	0.106	3.000	
Test Loop Gain - 7		Master	1.000	0.950	1.006	1.050	
Test Loop Phase - 7	deg	Master	0	-3.000	-0.176	3.000	

# AIT Sonde Calibration - Sonde Error Correction

Master (EEPROM):		11:17:21 06-Jun-2014					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Sonde Error Correction Real - 0	mS/m	Master	-----	-231.000	-60.321	119.000	
Sonde Error Correction Quad - 0		Master	-----	-2250.000	-152.099	2250.000	
Sonde Error Correction Real - 1	mS/m	Master	-----	114.000	157.631	204.000	
Sonde Error Correction Quad - 1		Master	-----	-625.000	-188.161	625.000	
Sonde Error Correction Real - 2	mS/m	Master	-----	66.000	120.726	156.000	
Sonde Error Correction Quad - 2		Master	-----	-350.000	-120.538	350.000	
Sonde Error Correction Real - 3	mS/m	Master	-----	39.000	53.704	89.000	
Sonde Error Correction Quad - 3		Master	-----	-250.000	-29.010	250.000	
Sonde Error Correction Real - 4	mS/m	Master	-----	15.000	27.120	35.000	
Sonde Error Correction Quad - 4		Master	-----	-63.000	-3.589	63.000	
Sonde Error Correction Real - 5	mS/m	Master	-----	4.000	12.843	24.000	
Sonde Error Correction Quad - 5		Master	-----	-50.000	-11.841	50.000	
Sonde Error Correction Real - 6	mS/m	Master	-----	5.000	10.355	15.000	
Sonde Error Correction Quad - 6		Master	-----	-30.000	7.536	30.000	
Sonde Error Correction Real - 7	mS/m	Master	-----	-5.000	-2.018	5.000	
Sonde Error Correction Quad - 7		Master	-----	-30.000	1.586	30.000	

# AIT Mud Calibration - Mud Calibration Gain

Master (EEPROM):		11:17:21 06-Jun-2014					
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Coarse Gain		Master	1.000	0.800	0.801	1.200	
Fine Gain		Master	1.000	0.800	0.802	1.200	

# AIT Electronics Check - Thru Calibration Check

Master (EEPROM):		11:17:21 06-Jun-2014		Before (Measured):		10:32:05 04-Jul-2014	
Measurement	Unit	Phase	Nominal	Low Limit	Actual	High Limit	
Thru Cal Mag - 0	V	Master	-----	0.366	0.564	0.854	
		Before	-----	0.366	0.564	0.854	
		Before-Master	-----	-----	0.000	-----	
Thru Cal Phase - 0	deg	Master	-----	137.000	-177.633	-103.000	
		Before	-----	137.000	-177.751	-103.000	
		Before-Master	-----	-----	-0.118	-----	
Thru Cal Mag - 1	V	Master	-----	0.762	1.156	1.778	
		Before	-----	0.762	1.156	1.778	
		Before-Master	-----	-----	0.000	-----	
Thru Cal Phase - 1	deg	Master	-----	136.000	-176.509	-104.000	
		Before	-----	136.000	-176.631	-104.000	
		Before-Master	-----	-----	-0.122	-----	
Thru Cal Mag - 2	V	Master	-----	0.372	0.613	0.868	
		Before	-----	0.372	0.613	0.868	
		Before-Master	-----	-----	0.000	-----	
Thru Cal Phase - 2	deg	Master	-----	132.000	-170.937	-108.000	
		Before	-----	132.000	-171.081	-108.000	
		Before-Master	-----	-----	-0.144	-----	

Company:	Noble Energy Inc	<b>Schlumberger</b>
Well:	NCLP AA06-62-1AHNC	
Field:	Wattenberg	
County:	Weld	
State:	Colorado	
Platform Express		
Array Induction		
with Linear Correlation		