

OTHER SERVICES1	OTHER SERVICES2
OS1: CMR	OS1:
OS2: BHC	OS2:
OS3: MDT	OS3:
OS4:	OS4:
OS5:	OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
This is the first run in hole	
Toolstring run as per tool sketch	
Matrix: Limestone (2.71 g/cc)	

DSLCT-B
ECH-KH
SLS-W

USN
UHN
USF UHF
LSF LHF
LHN
LSN
DSLCT Aux.

24.2
23.4
23.2
20.4
20.2
19.4
16.0

HAIT-H
AHIS-BA 216
AHRM-A

Induction
Temperatu
Power Sup
SP SENSOR
DF
HTEN HMAS HV
Accelerom
Mud Resis
Tension

7.9
0.1
0.0

TOOL ZERO

16.0
1.0 IN
Standoff
1.0 IN
Standoff

MAXIMUM STRING DIAMETER 6.60 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

Schlumberger

MAIN TRIPLE COMBO 5" = 100'

MAXIS Field Log

Company: Omimex Petroleum Inc

Well: Vega 4-29-1-4

Input DLIS Files

DEFAULT	Splice_AIT_SONIC_032CUP	FN:1	PRODUCER	05-Aug-2013 19:39	6816.0 FT	99.5 FT
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Output DLIS Files

DEFAULT	AIT_SONIC_TLD_MCFL_033PUP	FN:31	PRODUCER	05-Aug-2013 19:41	6816.0 FT	100.0 FT
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OP System Version: 19C2-270

HAIT-H	19C2-270	DSLCT-FTB	19C2-270
HILTH-FTB	19C2-270	CMRT-B	19C2-270
DTC-H	19C2-270		

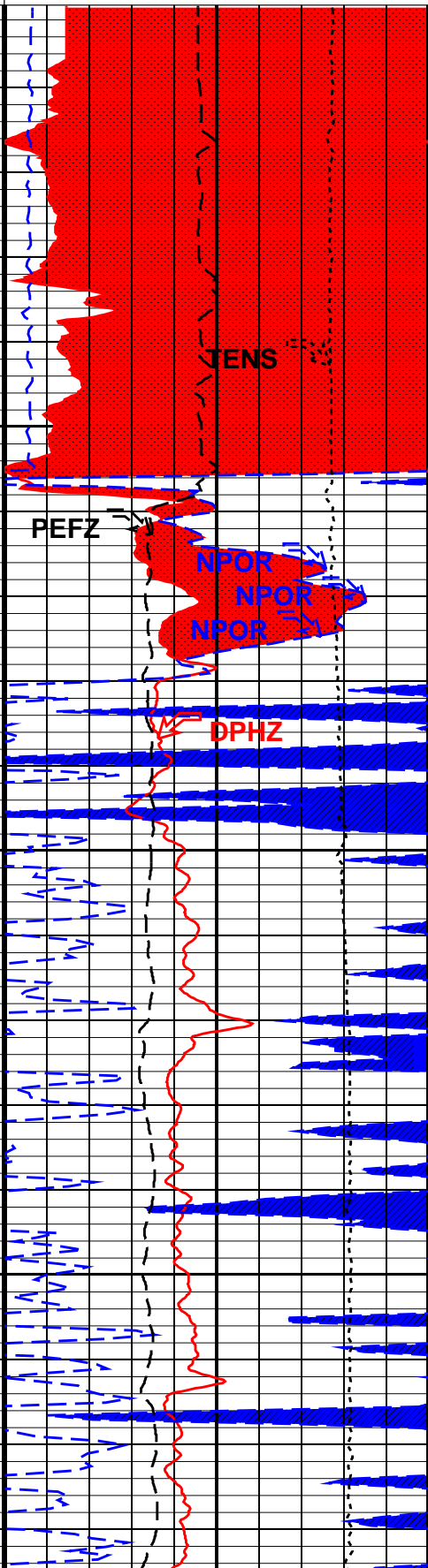
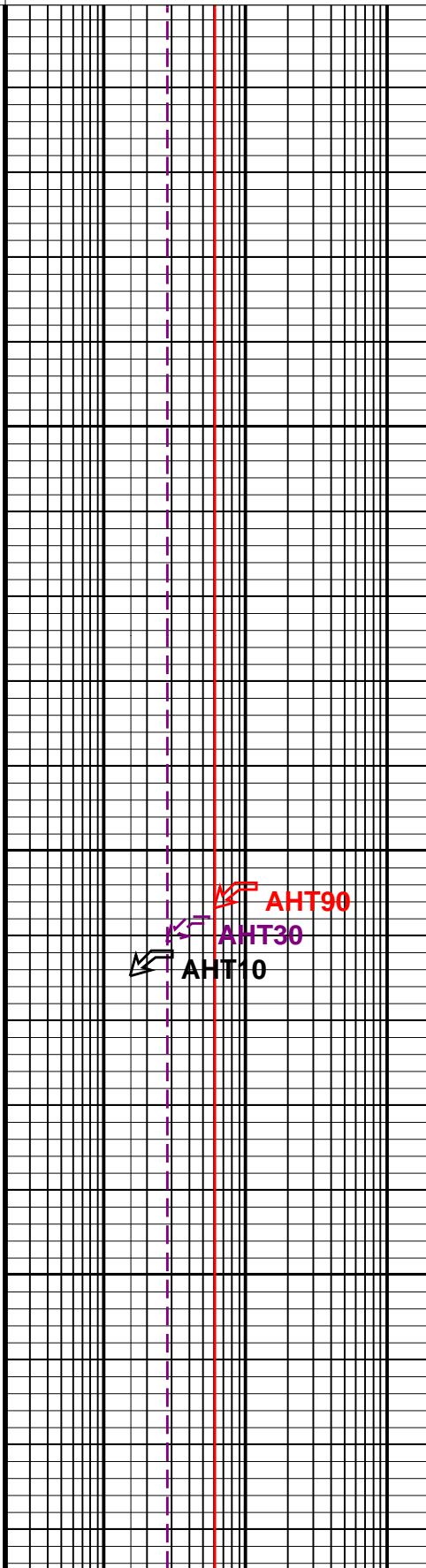
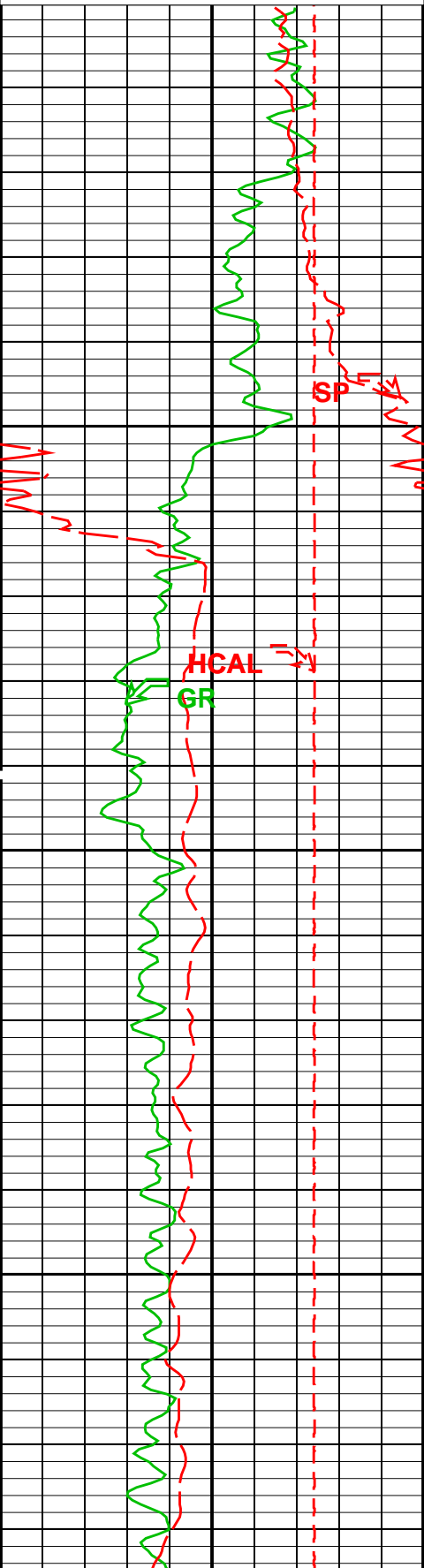
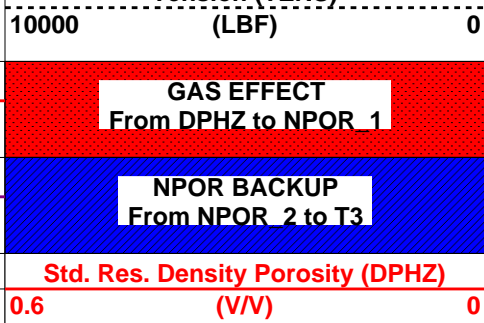
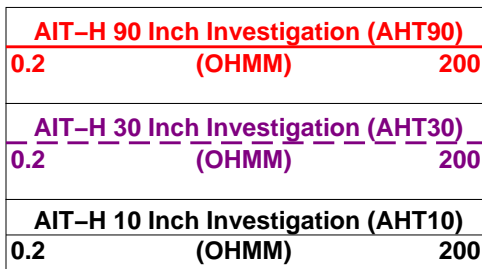
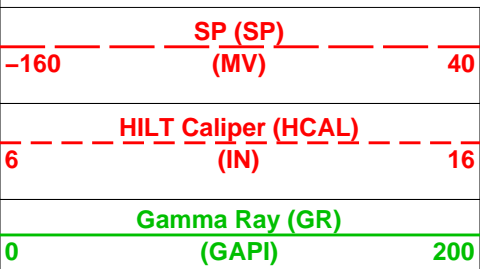
PIP SUMMARY

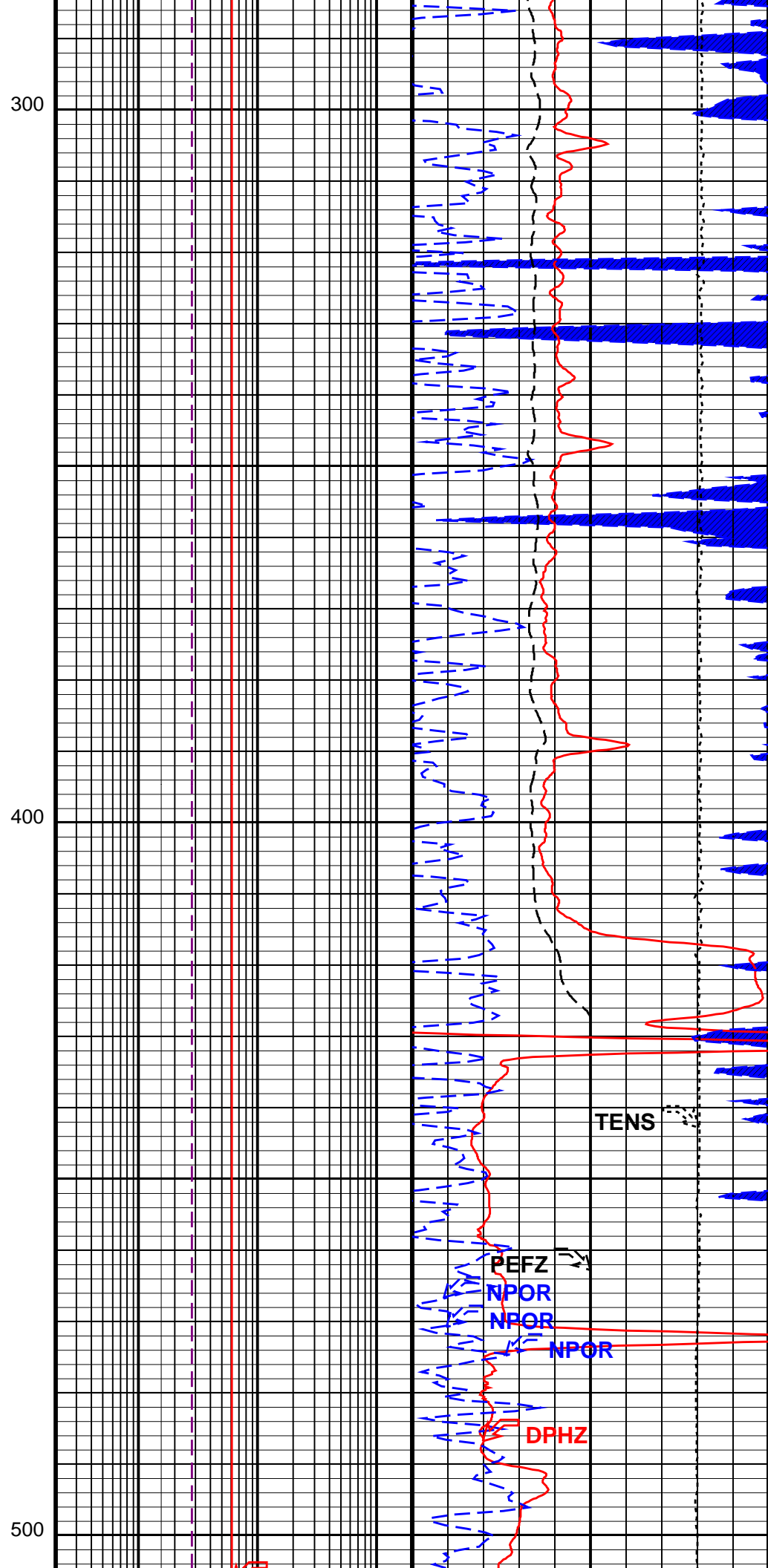
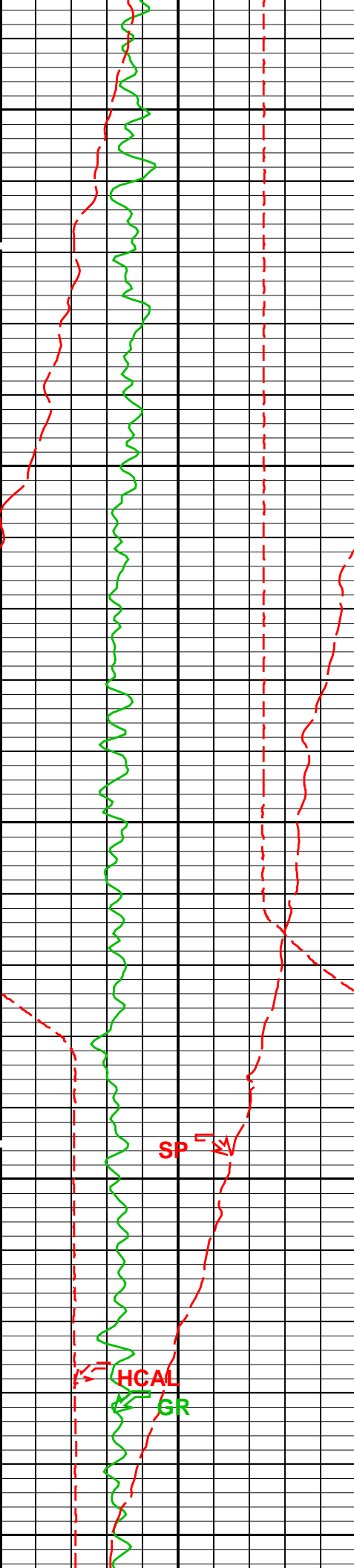
Time Mark Every 60 S

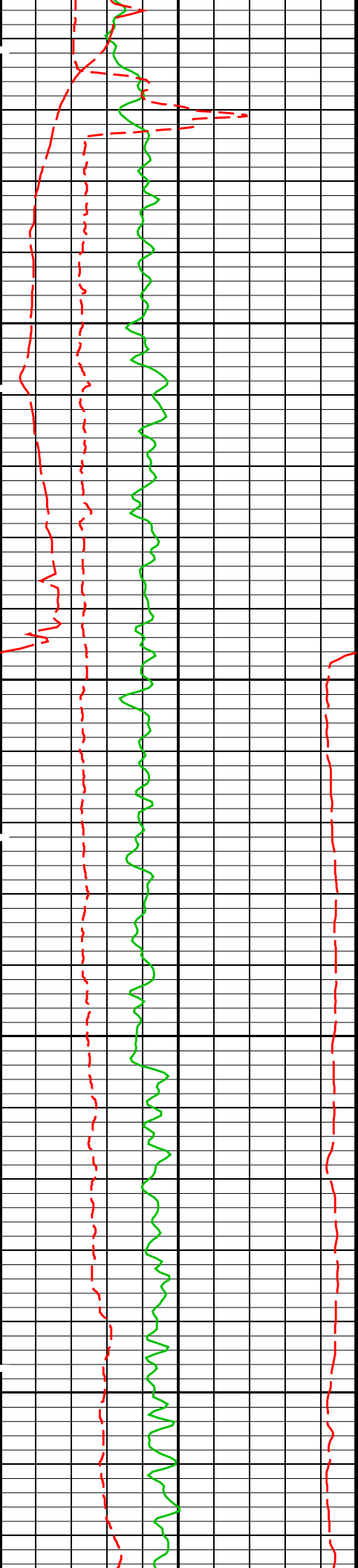
Std. Res. Formation Pe (PEFZ)
0 - - - - - 10

Alpha Processed Neutron Porosity (NPOR) (V/V)
0.6 - - - - - 0

Tension (TENS)



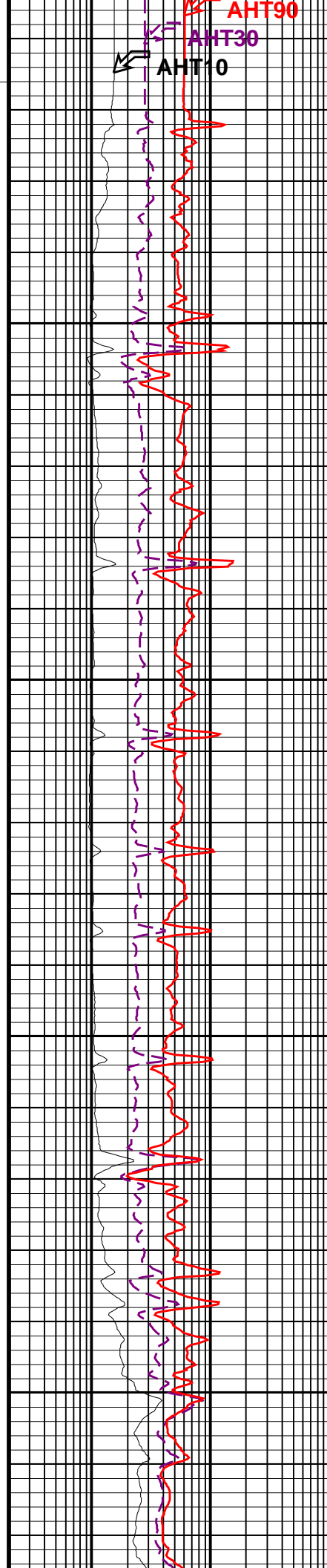




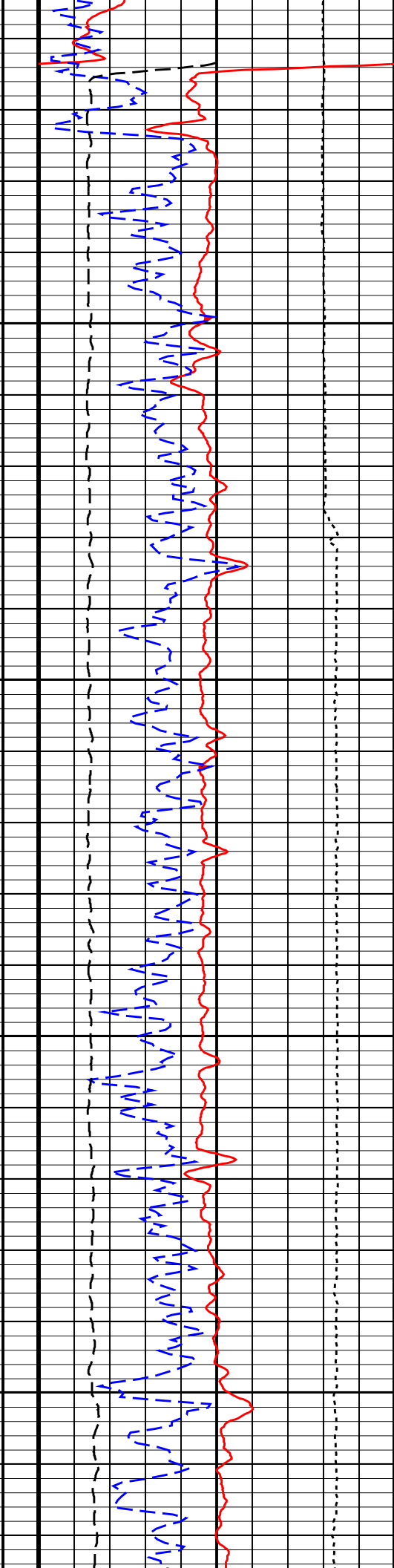
516.0 FT
CSG

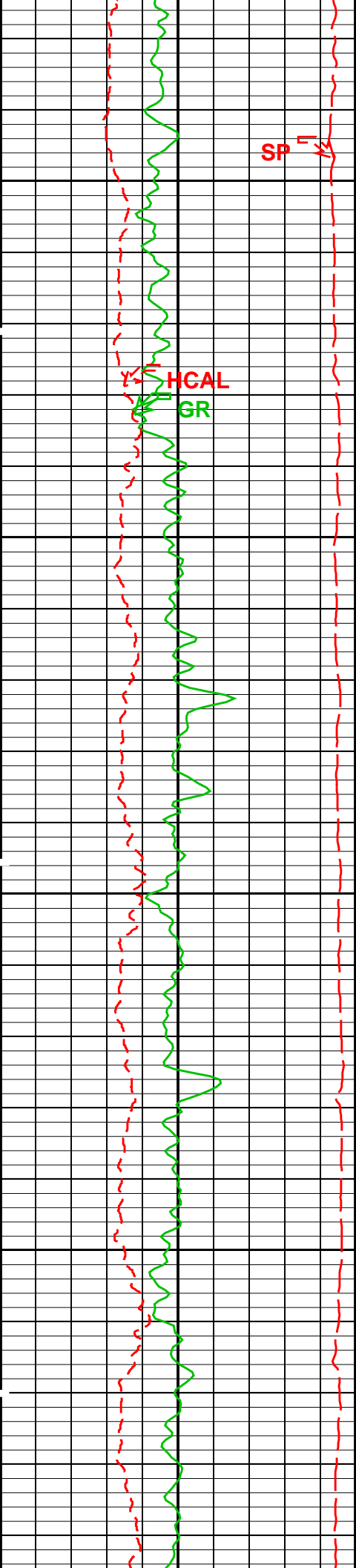
600

700



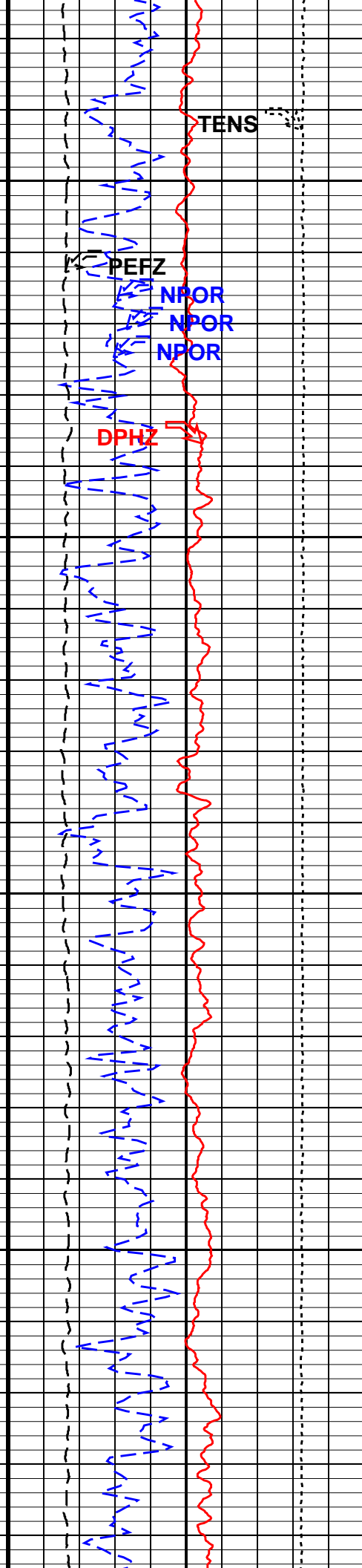
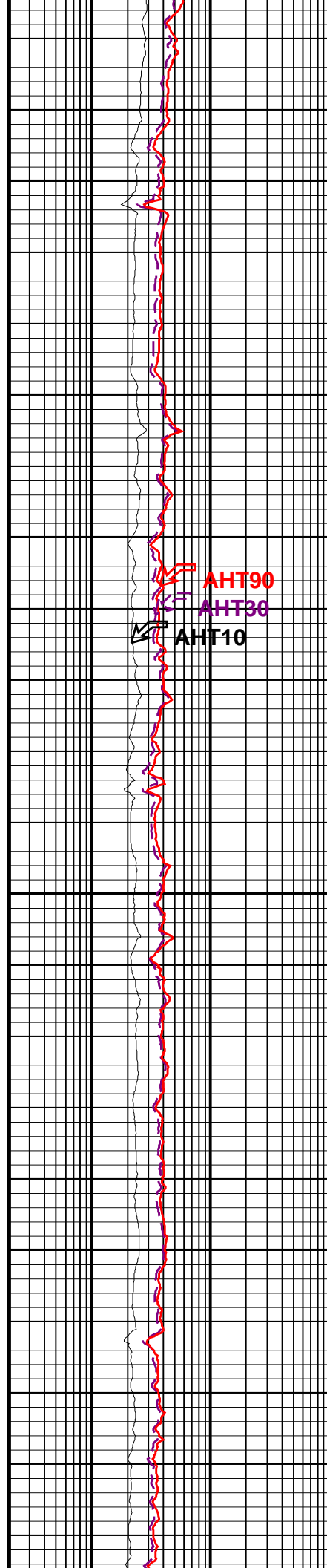
AHT90
AHT30
AHT10

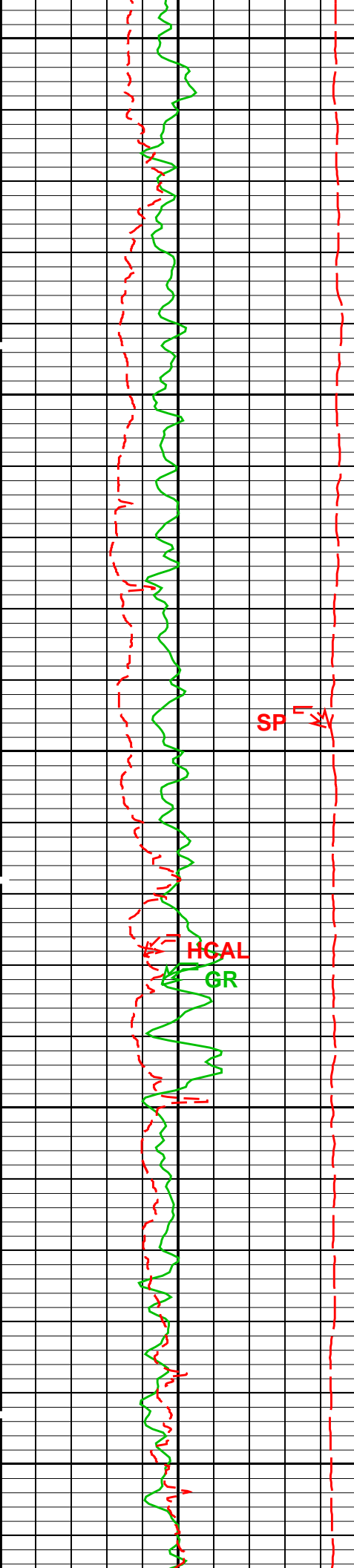




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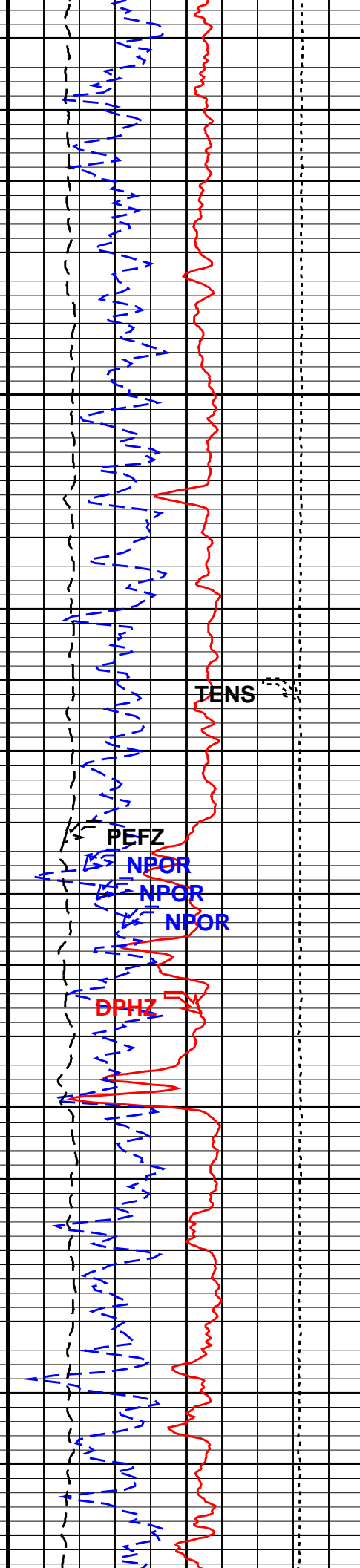
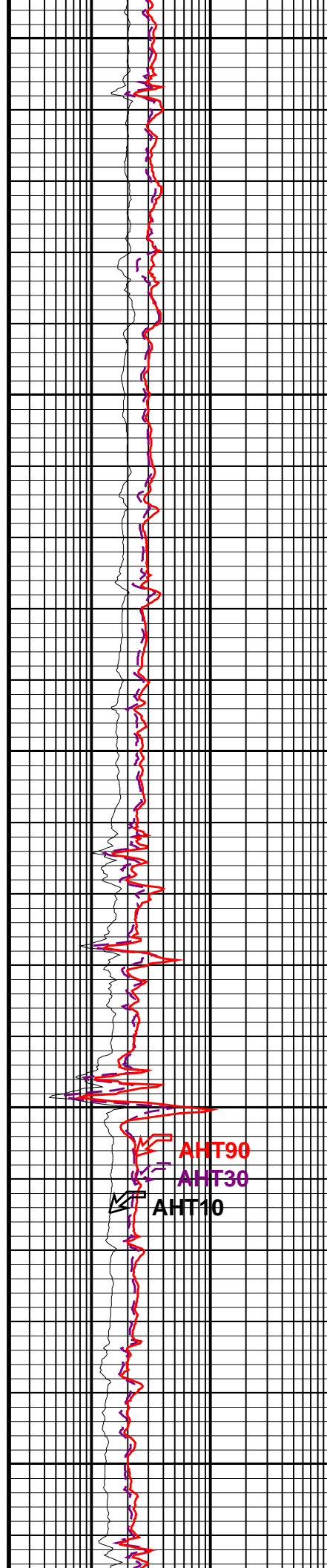
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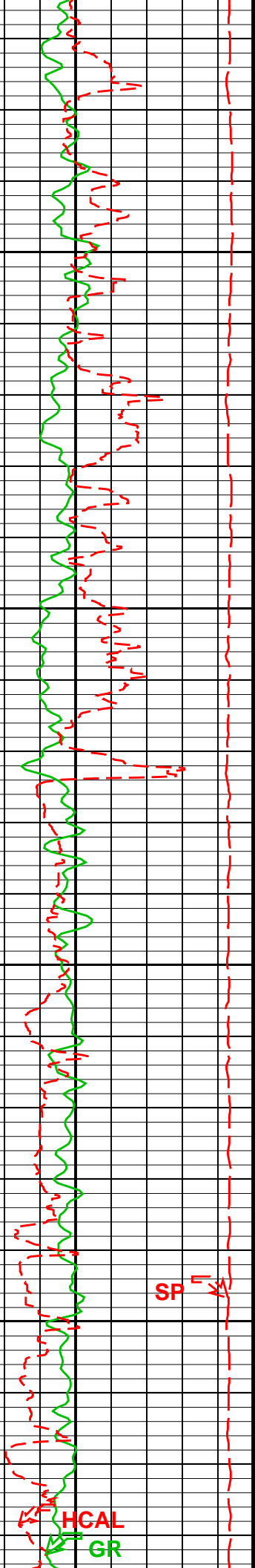




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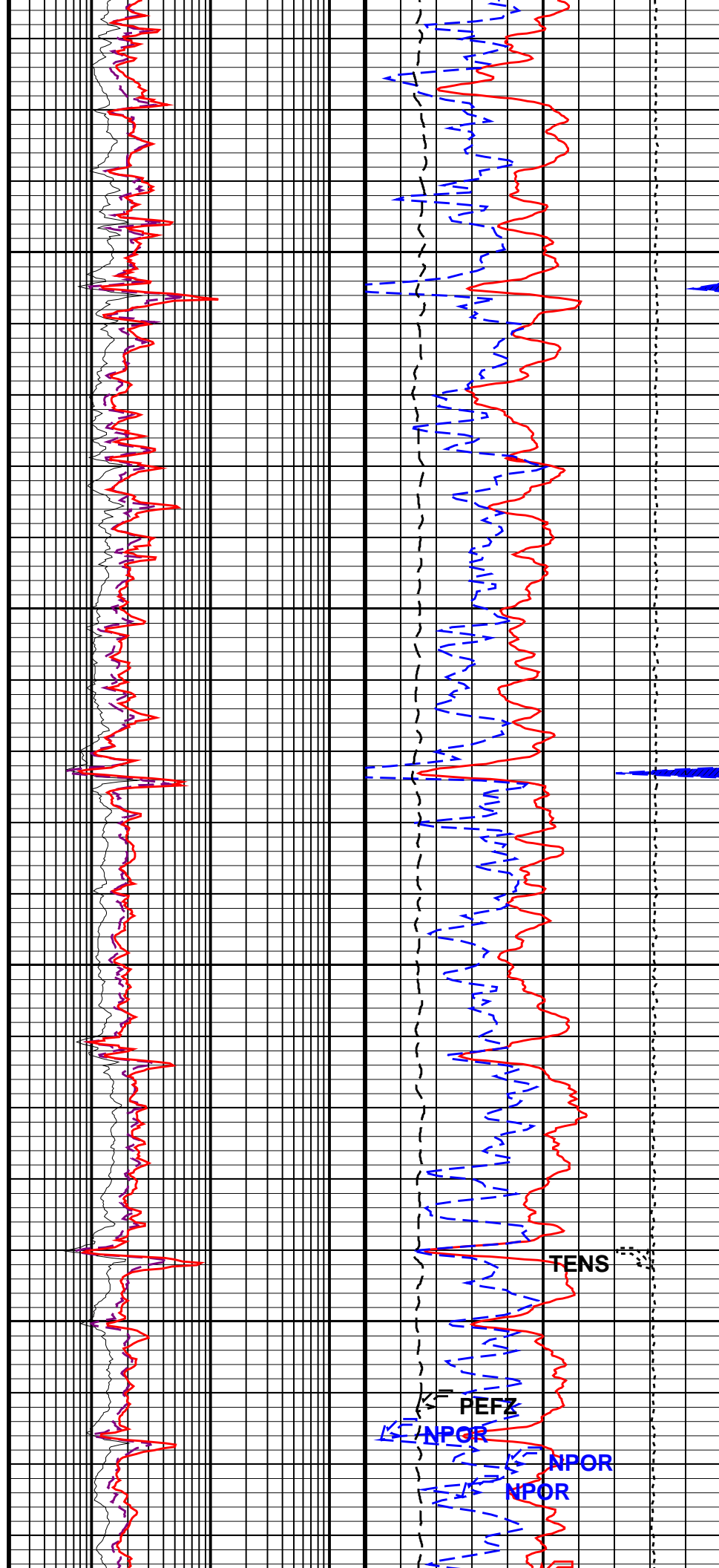
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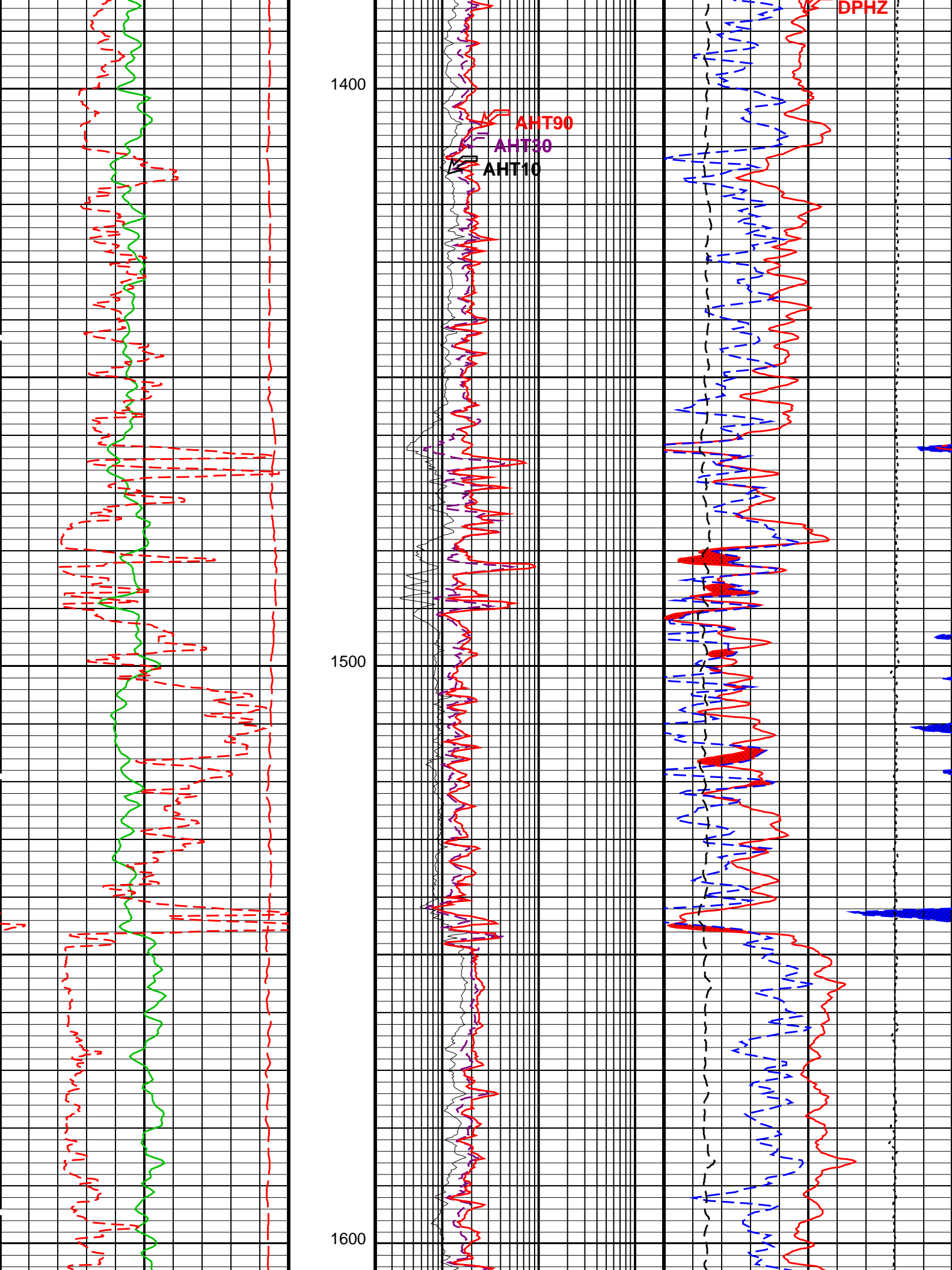


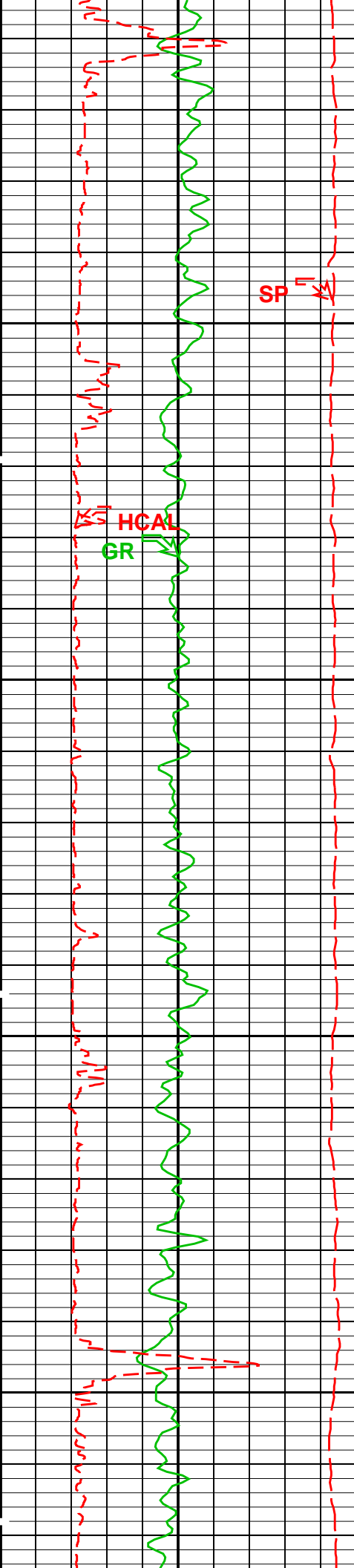


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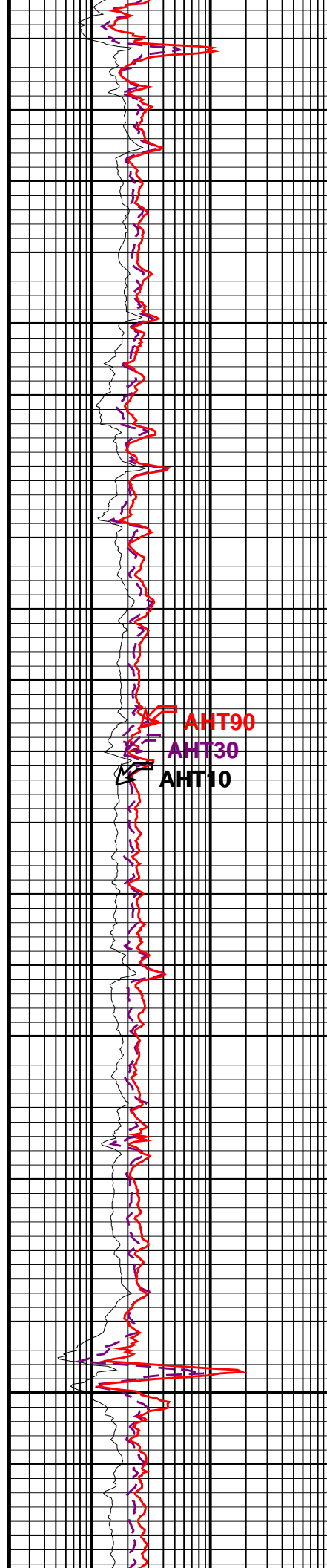
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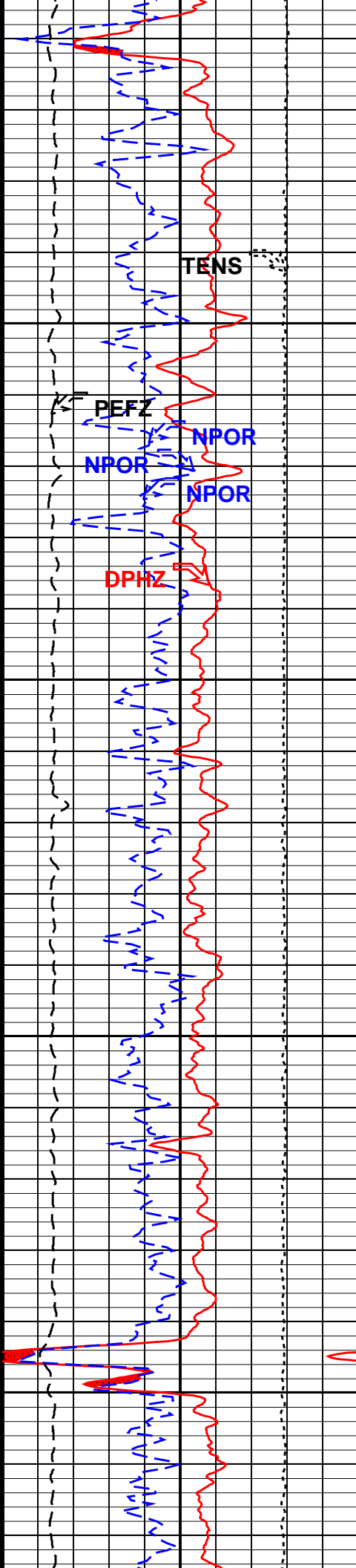


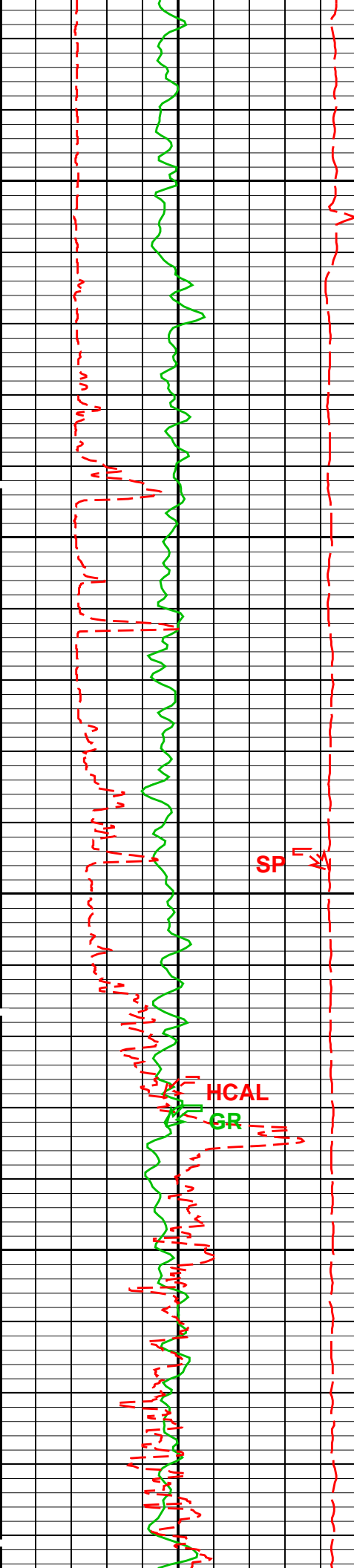


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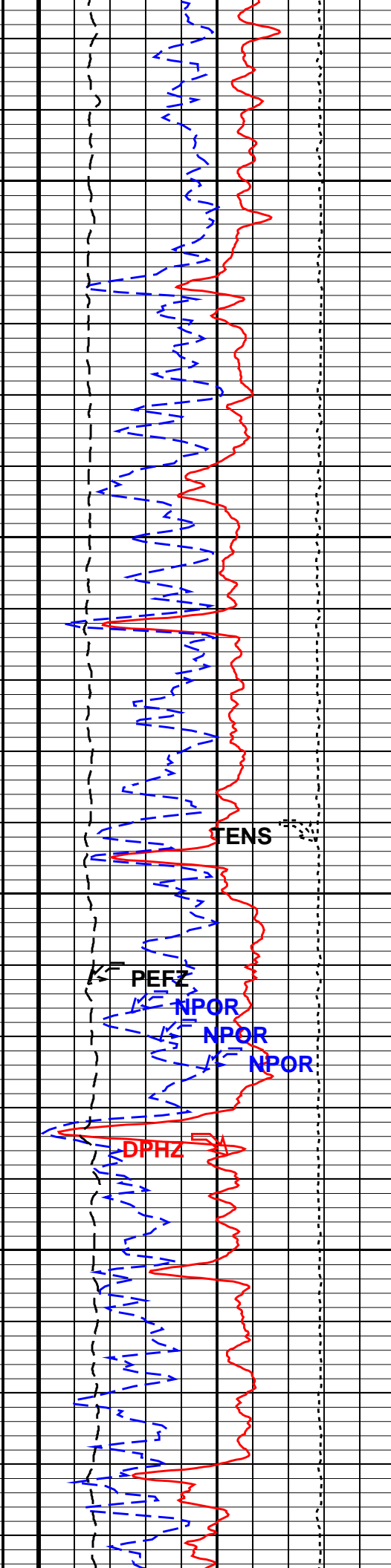
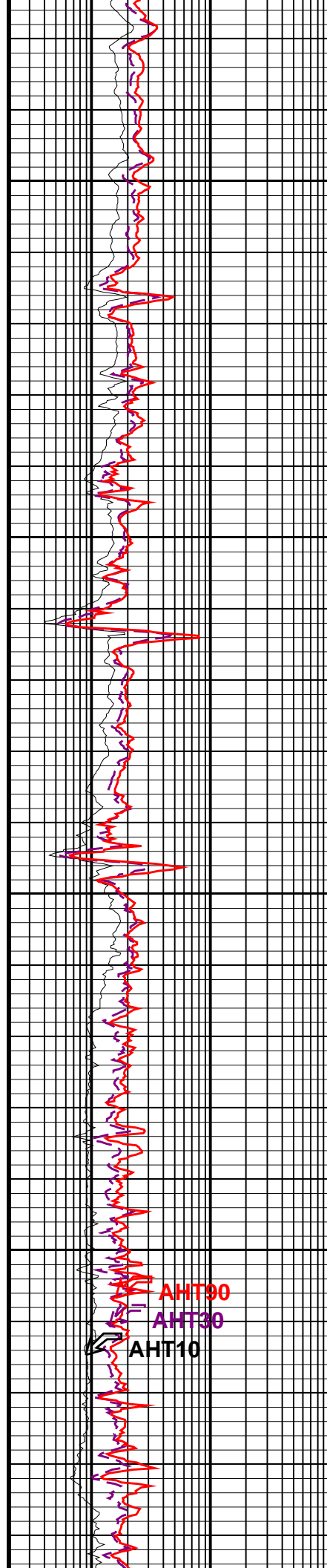
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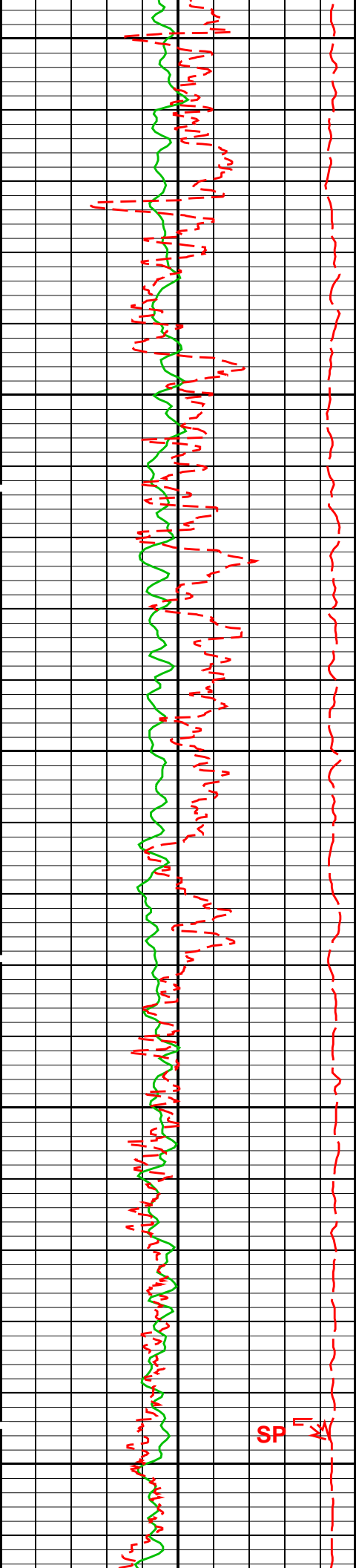




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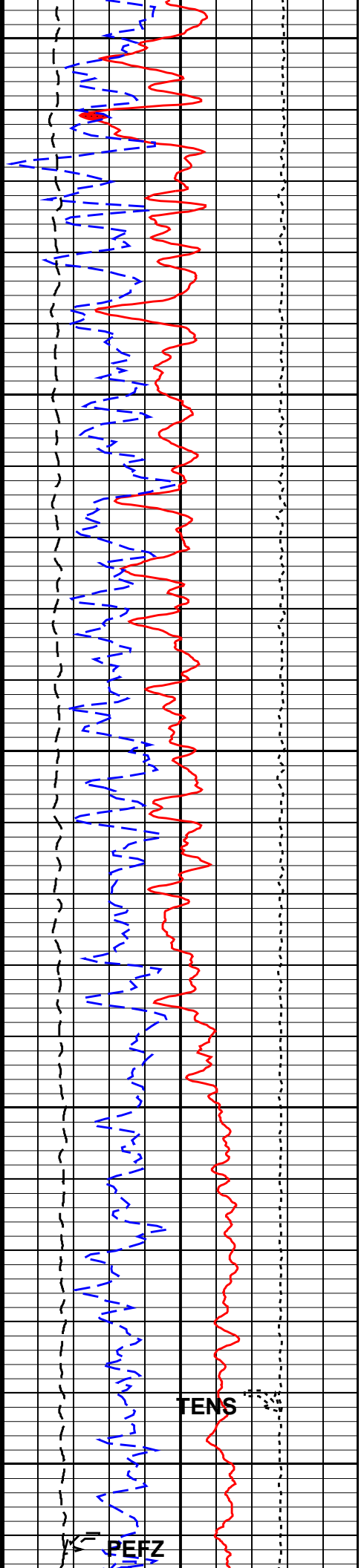
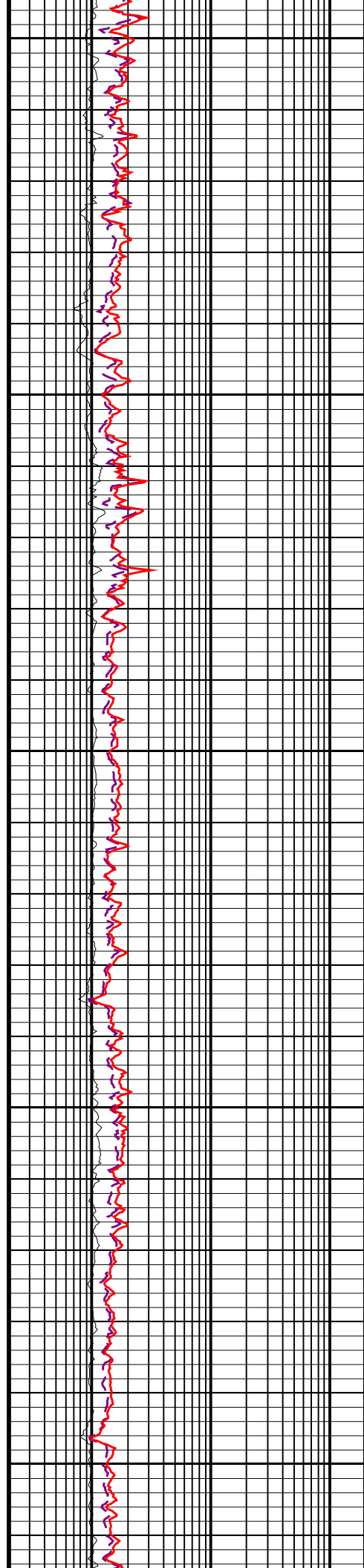
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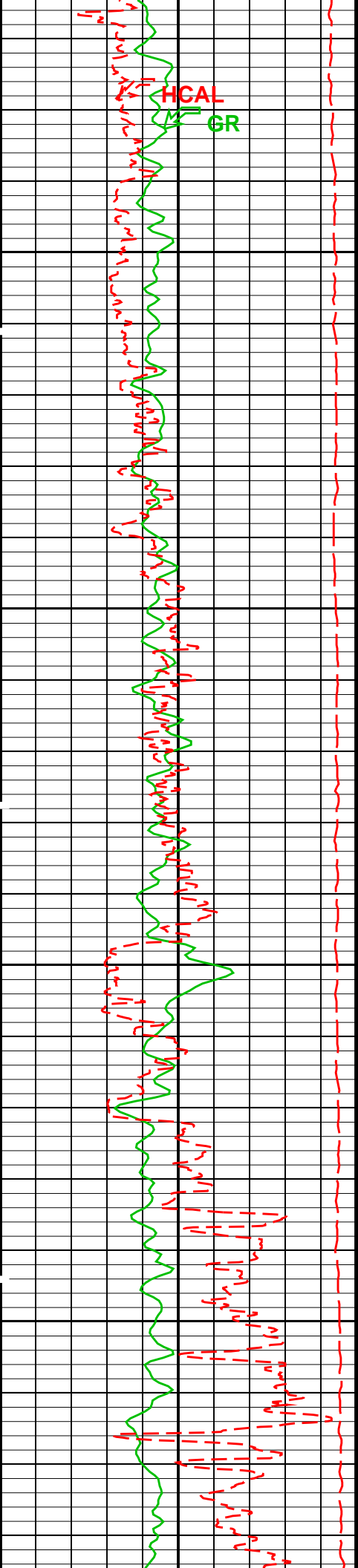




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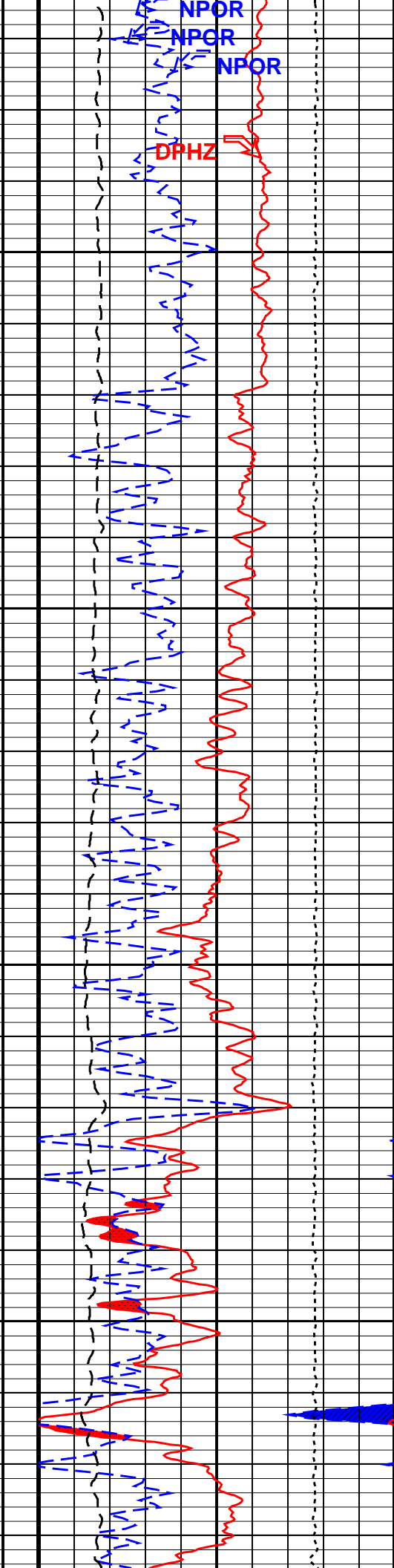
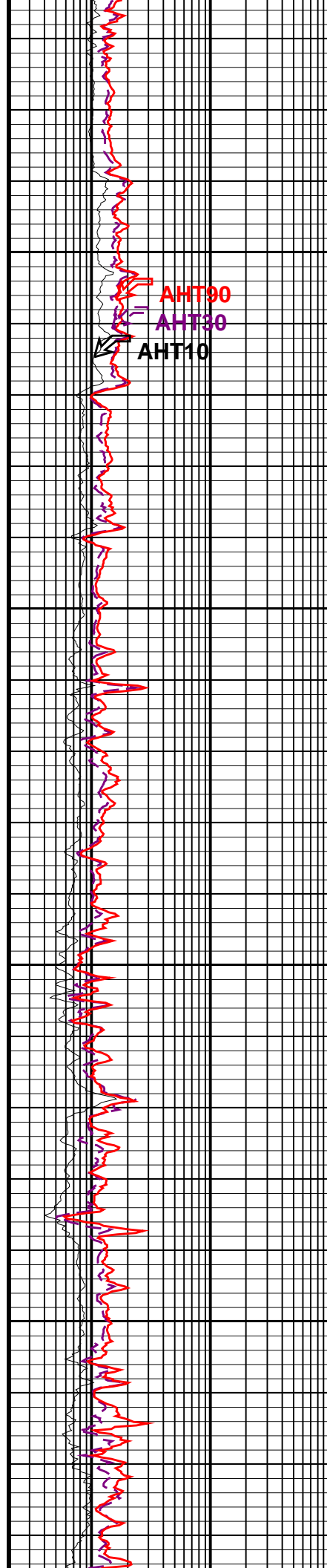
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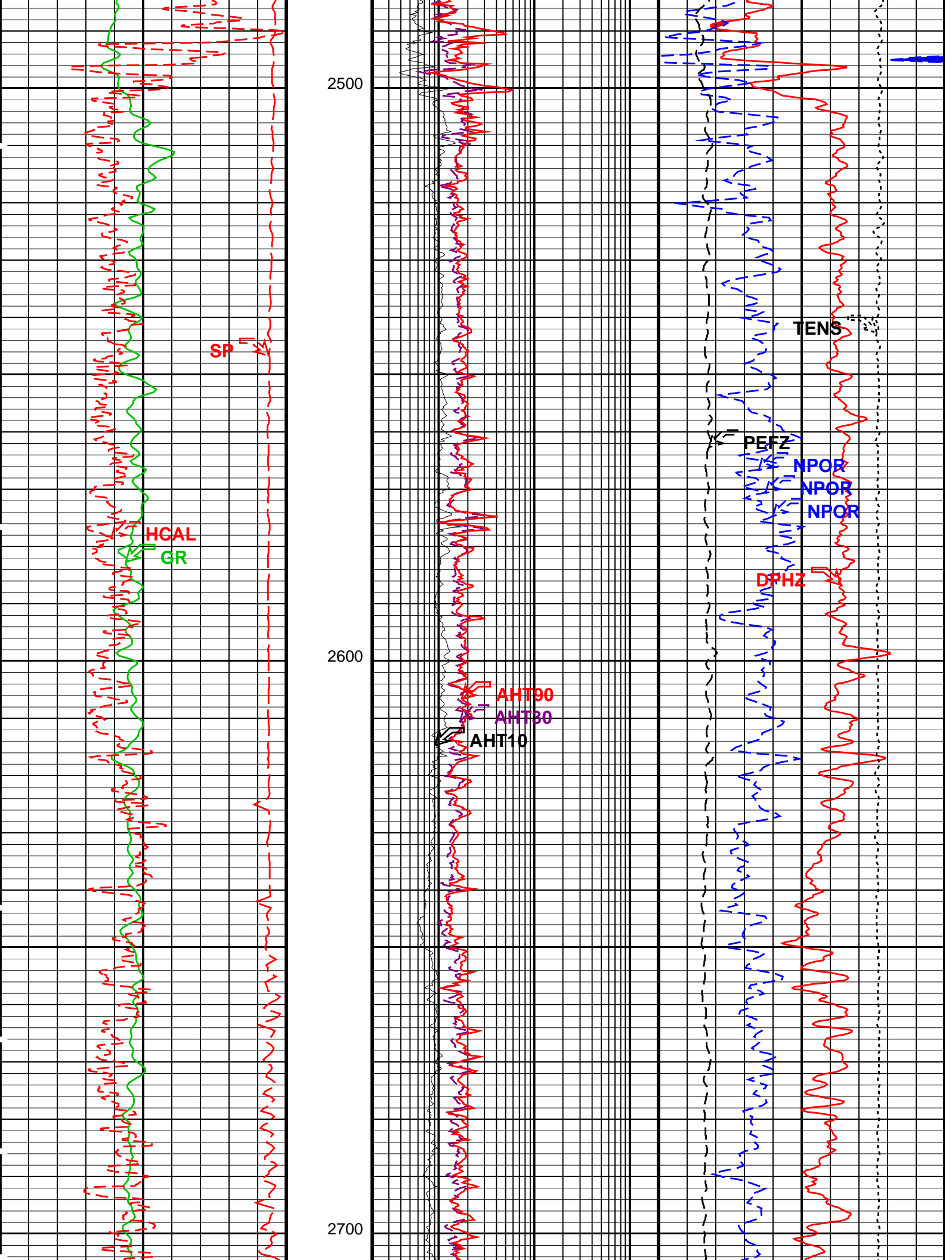


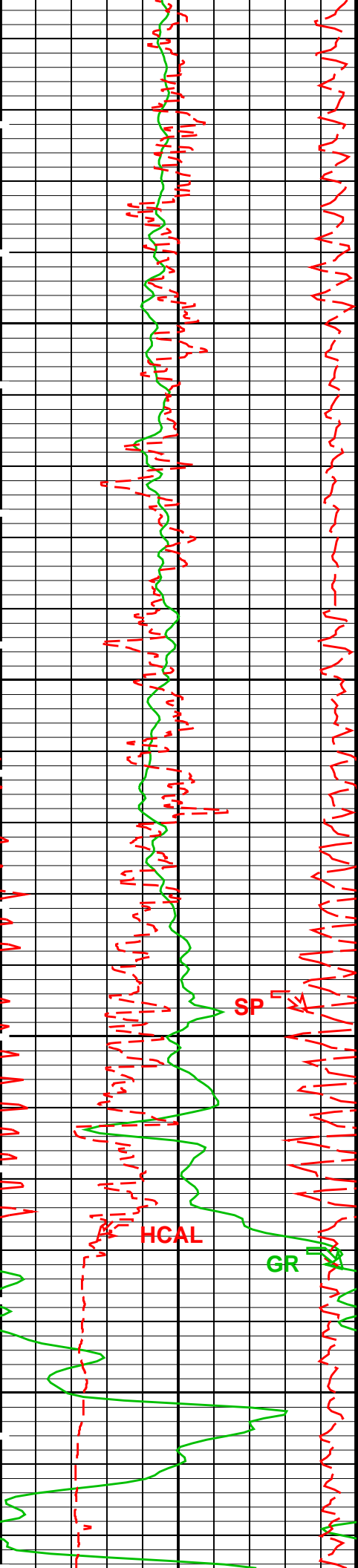


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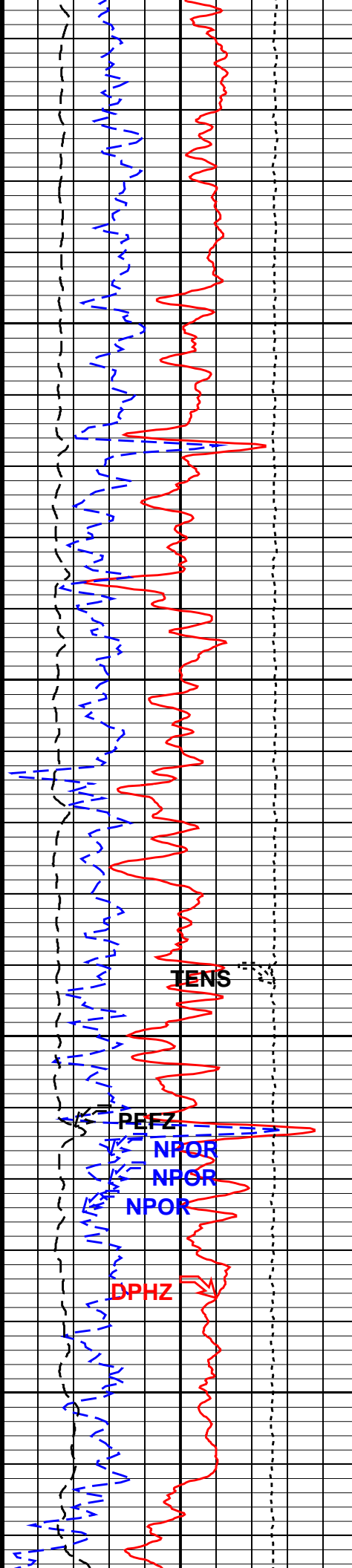
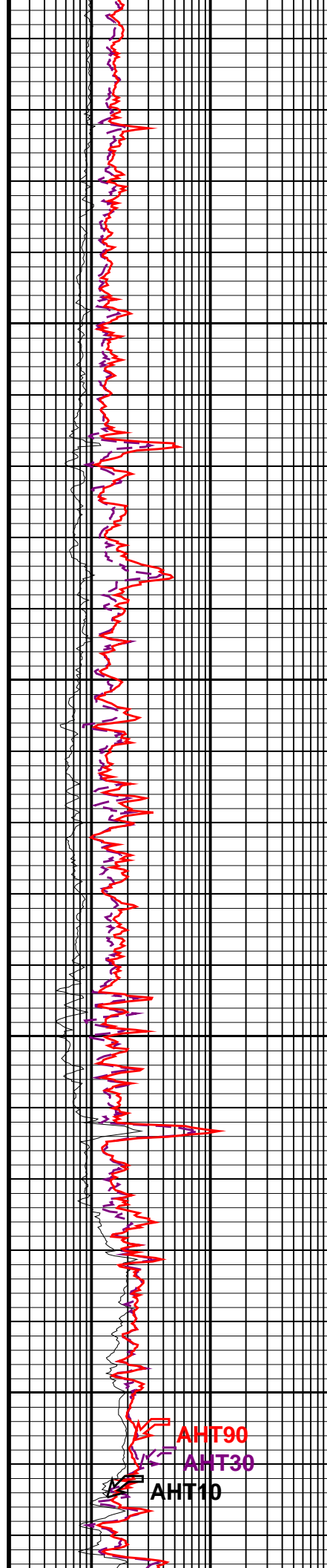


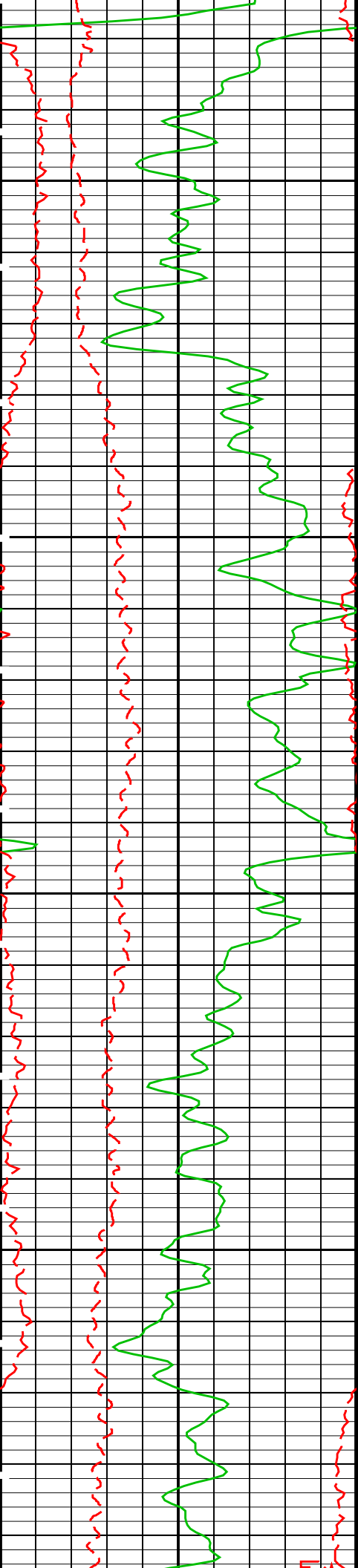




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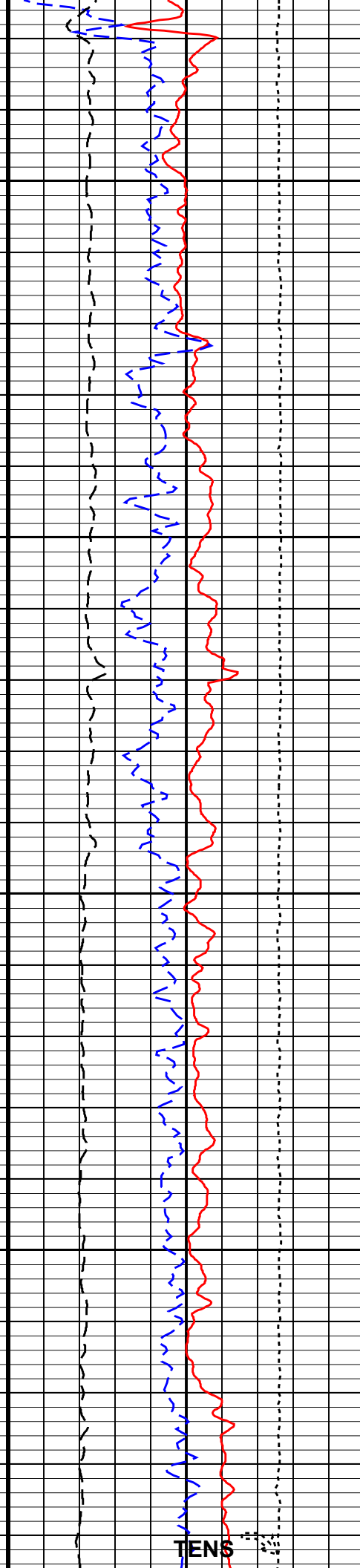
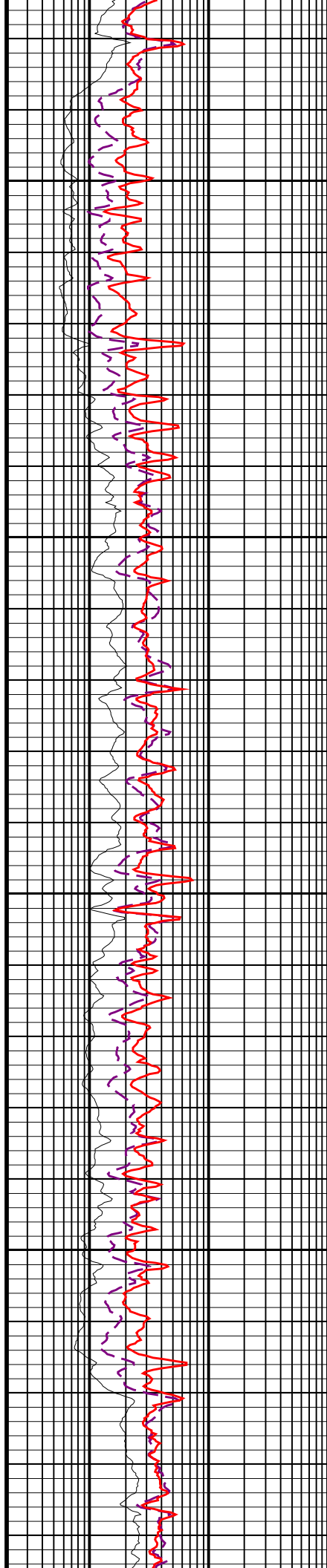
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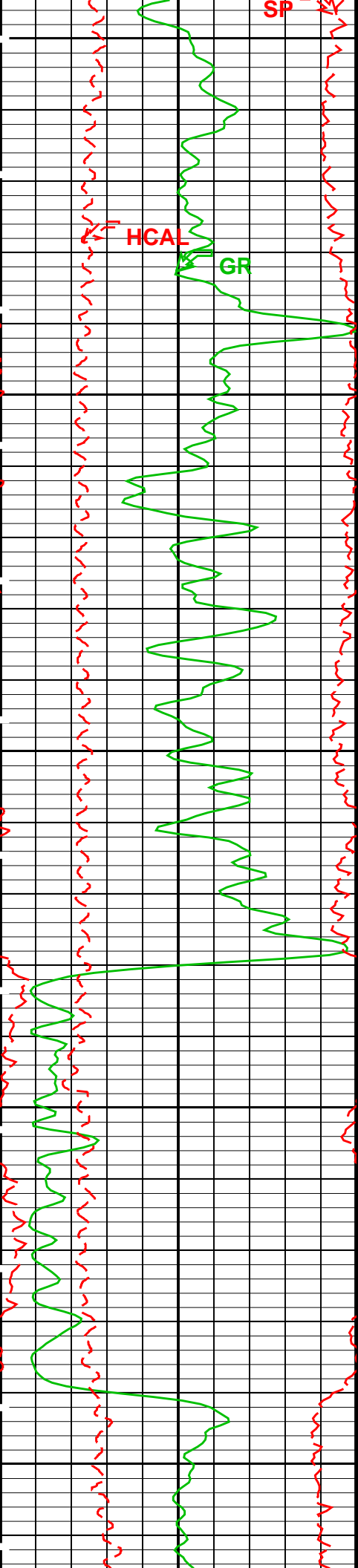


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3100

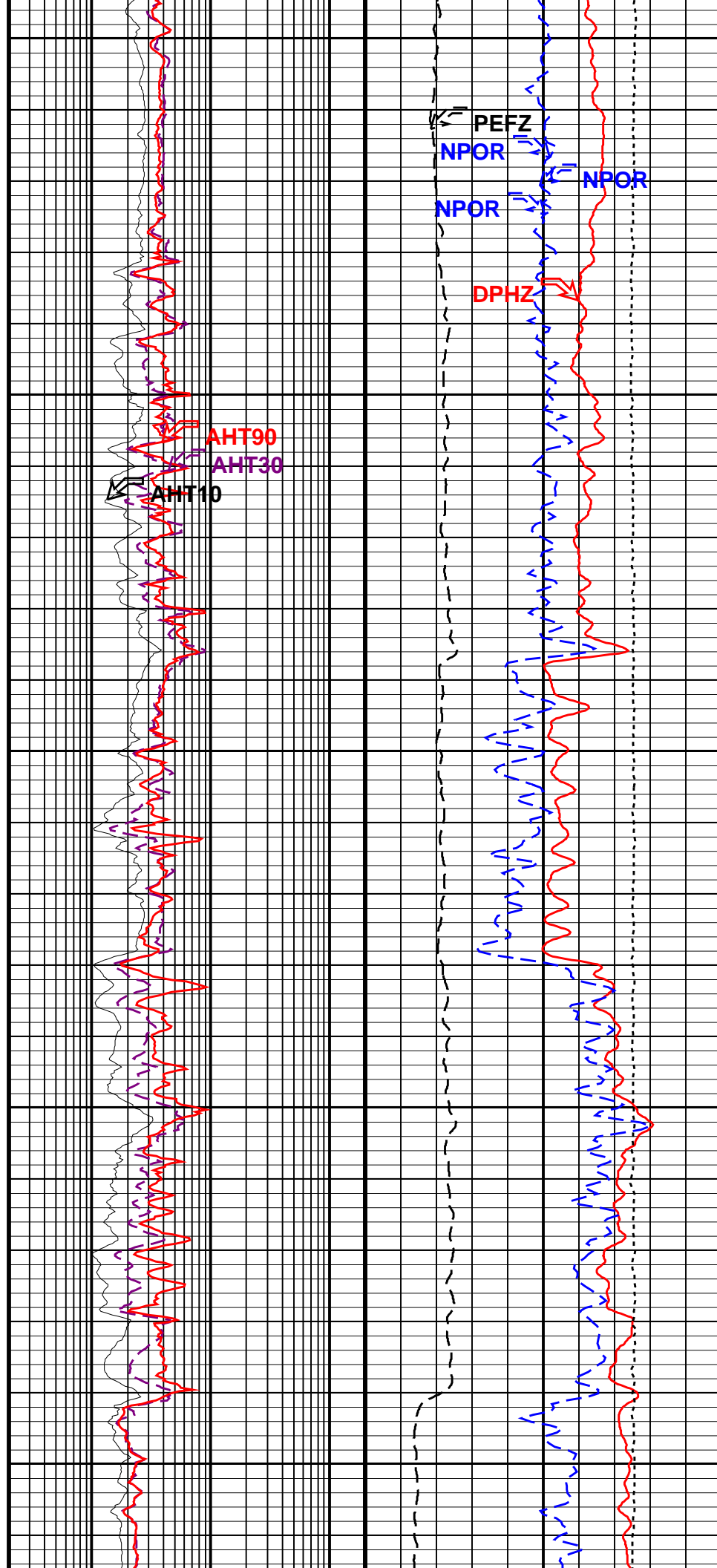


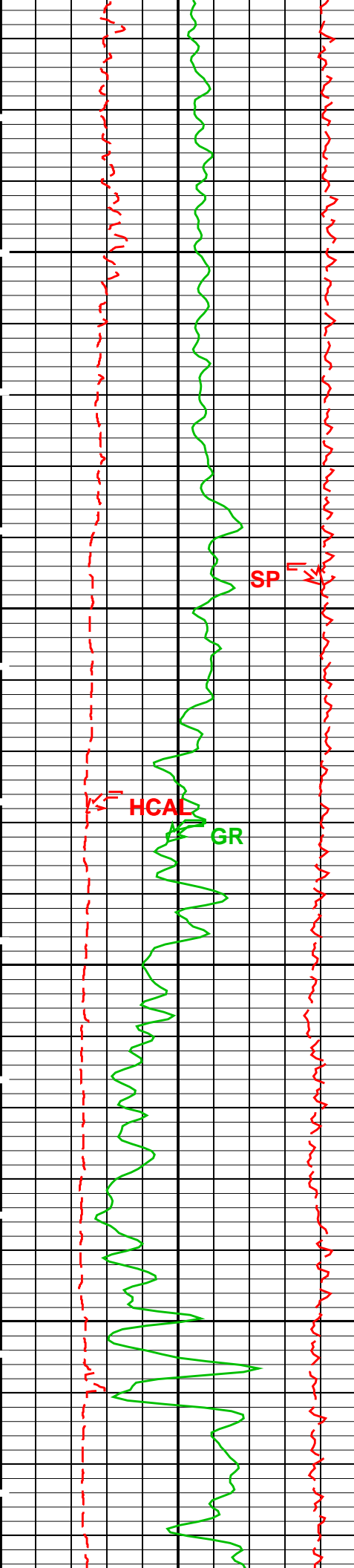
TENS



3200

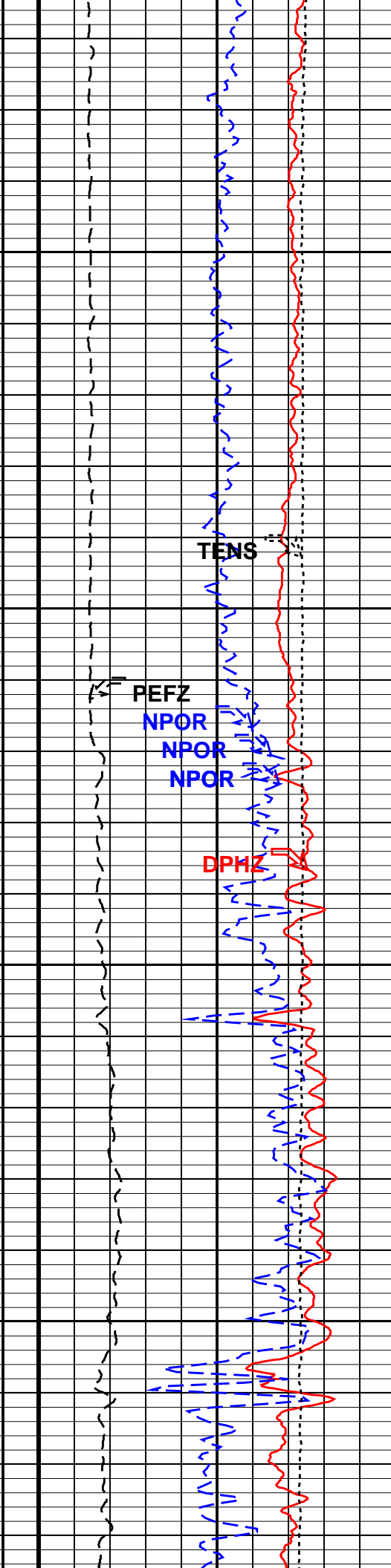
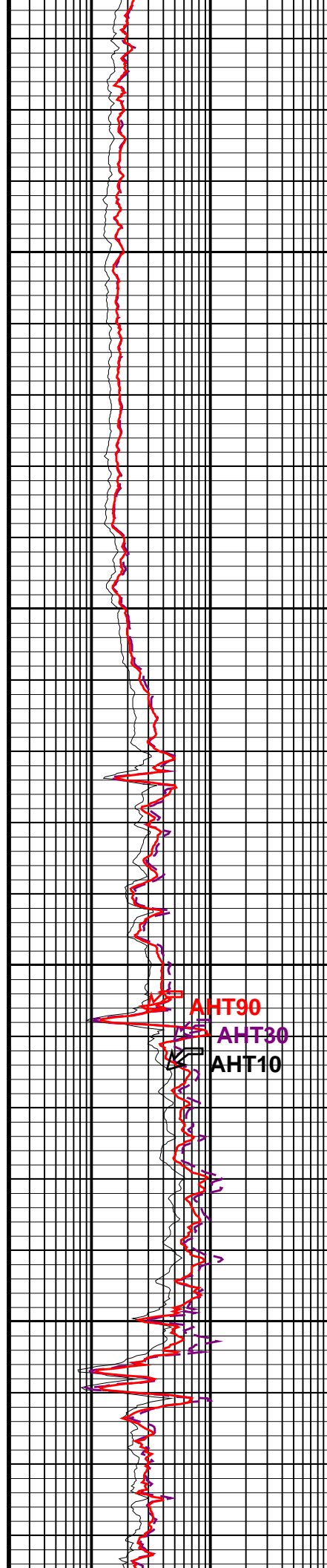
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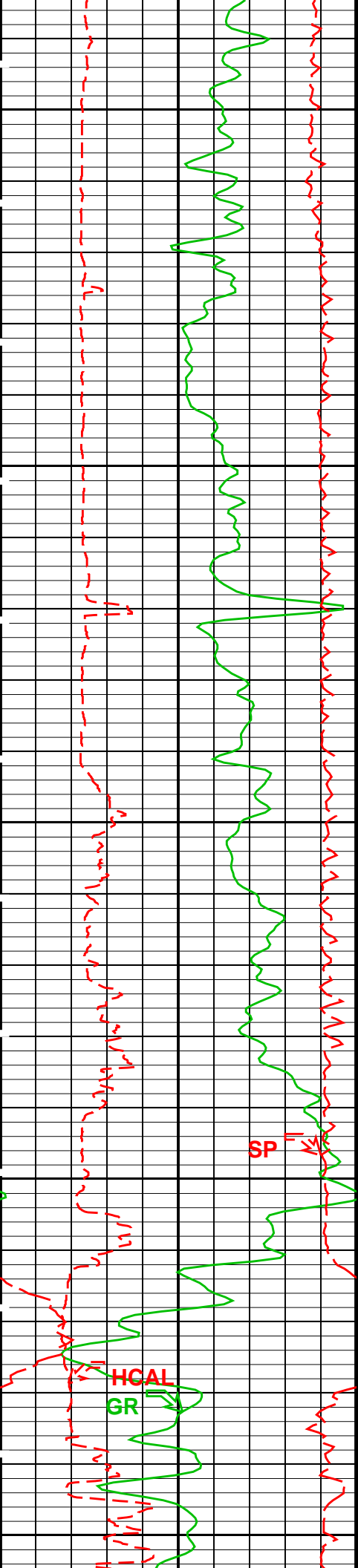




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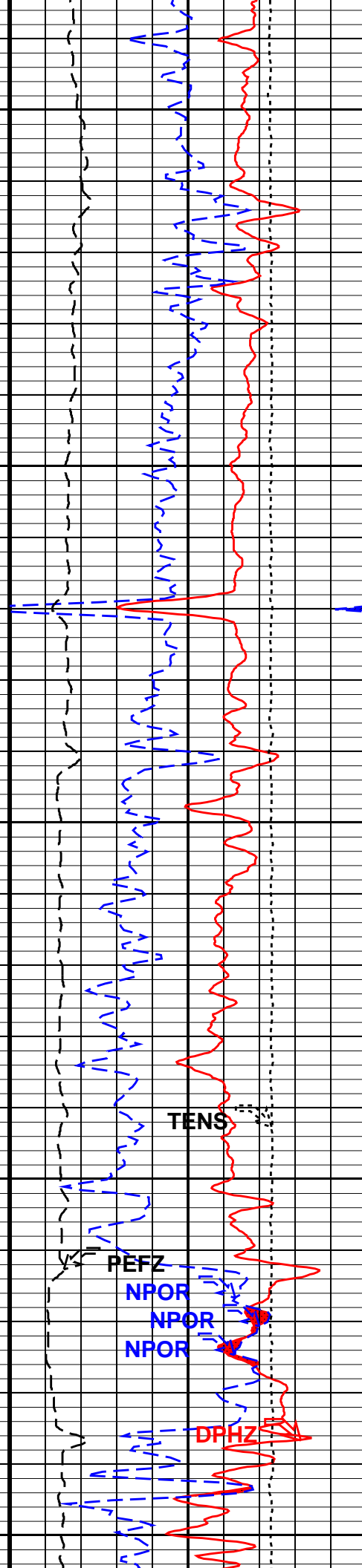
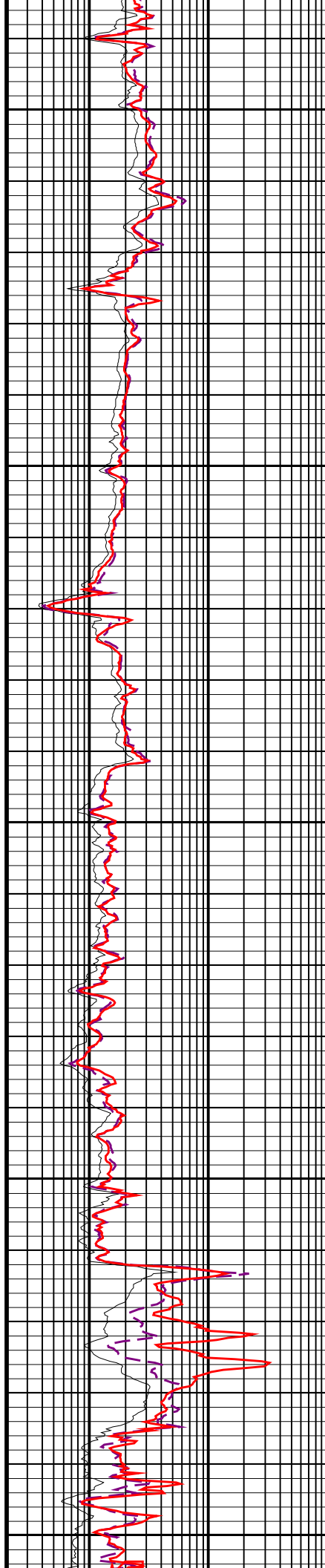


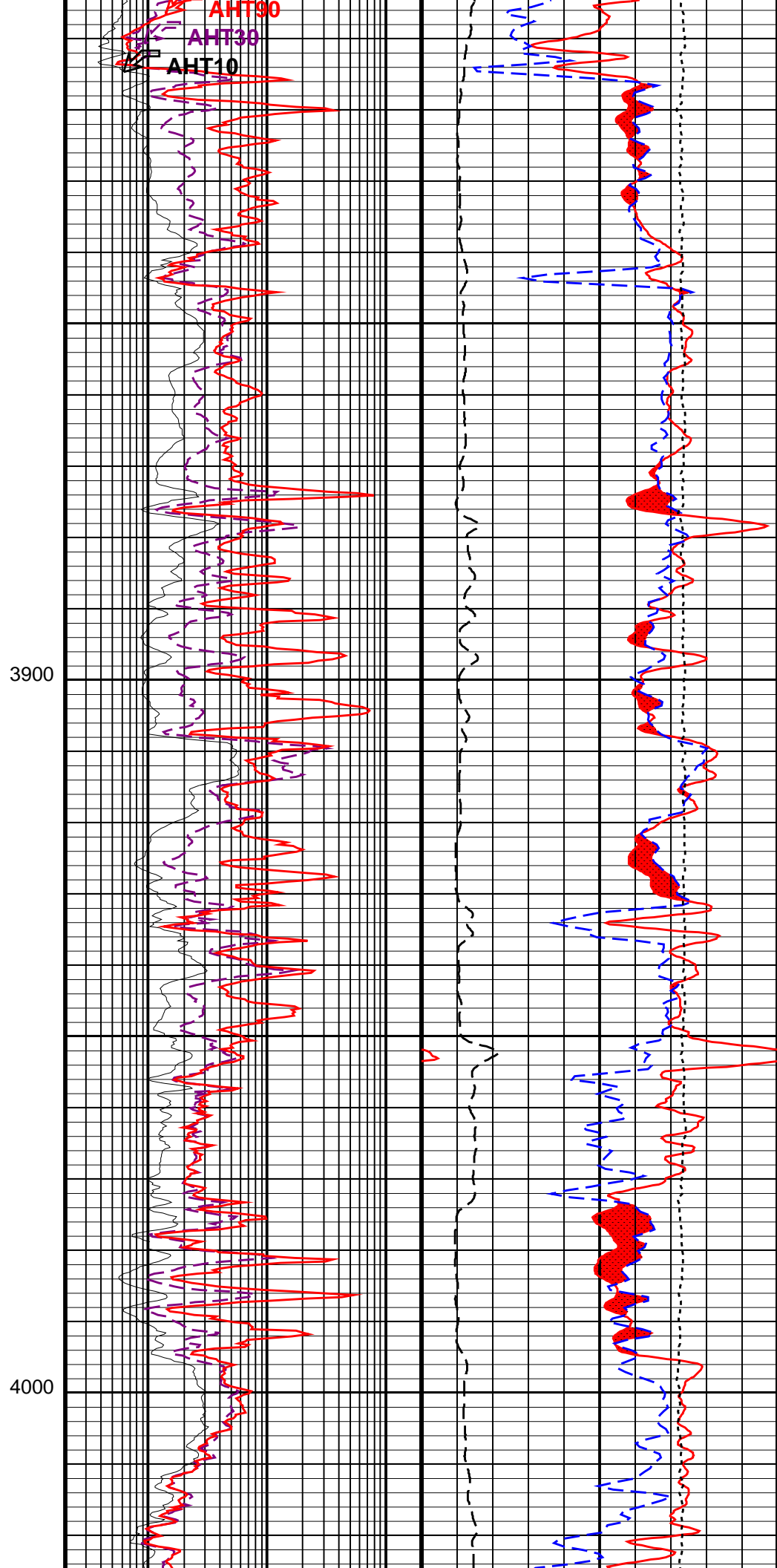
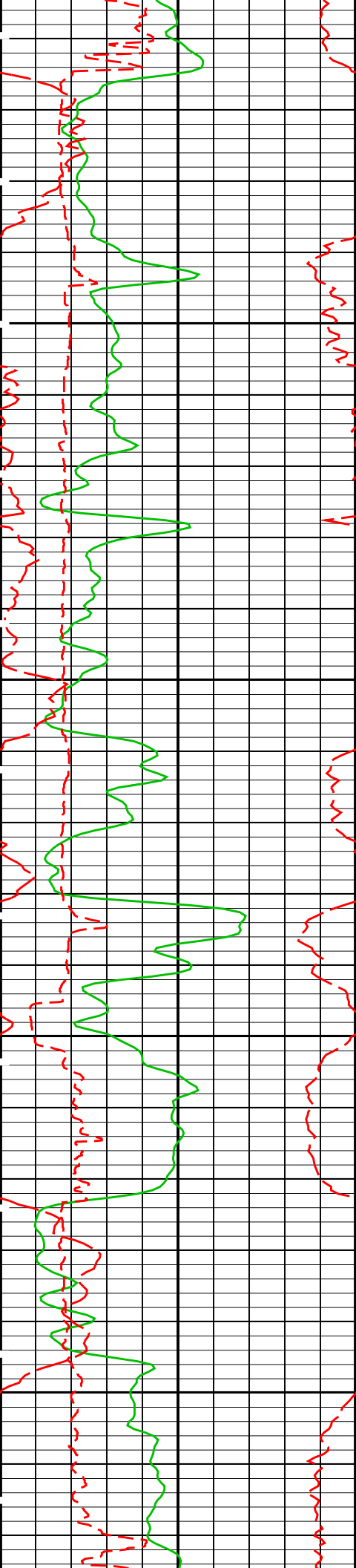


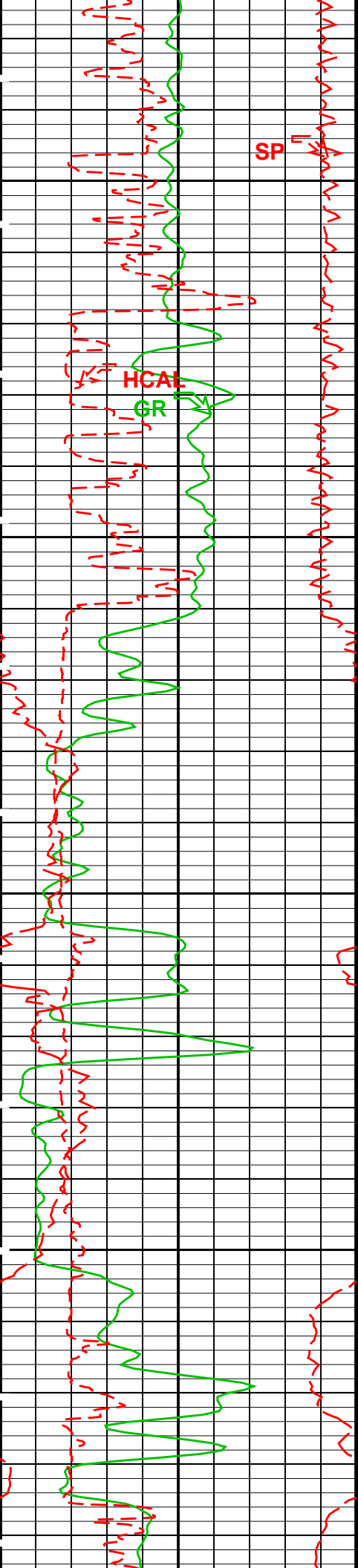
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3700

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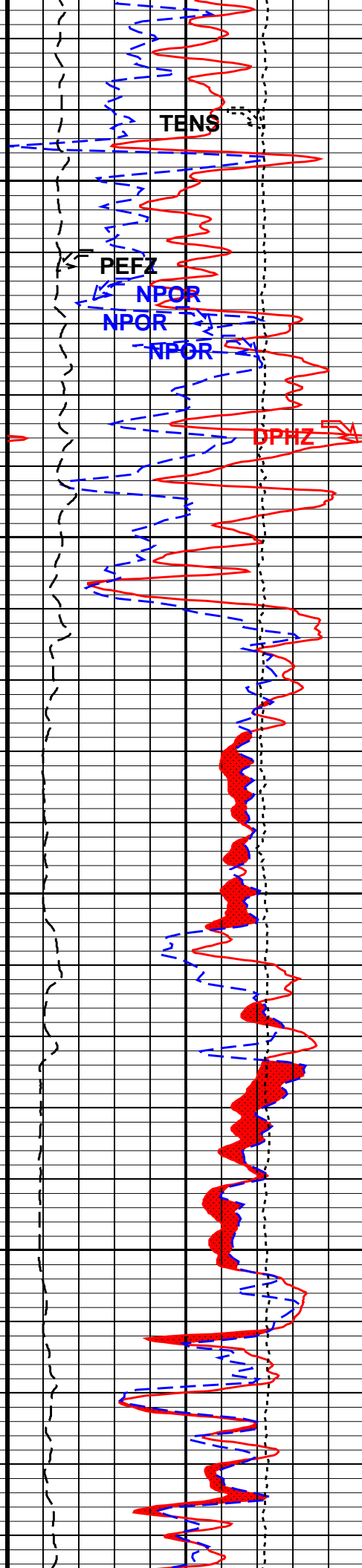
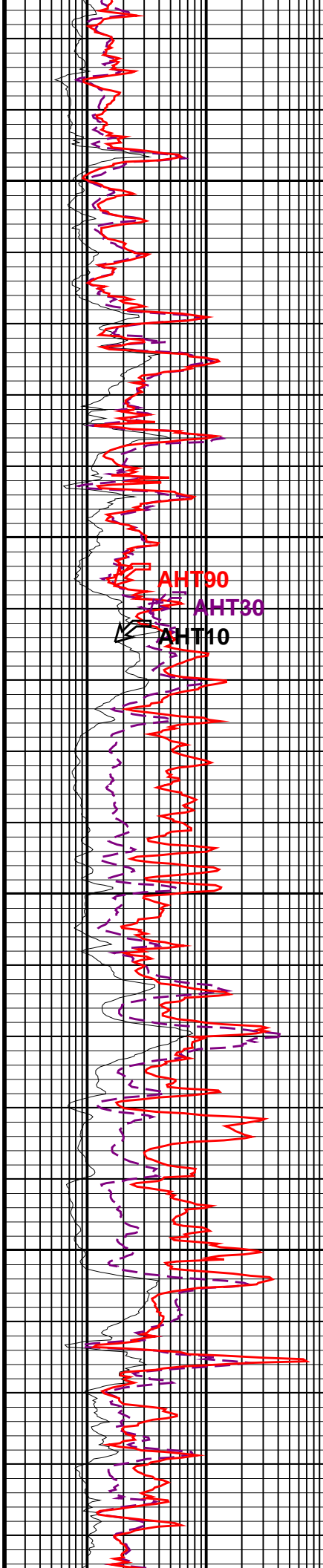


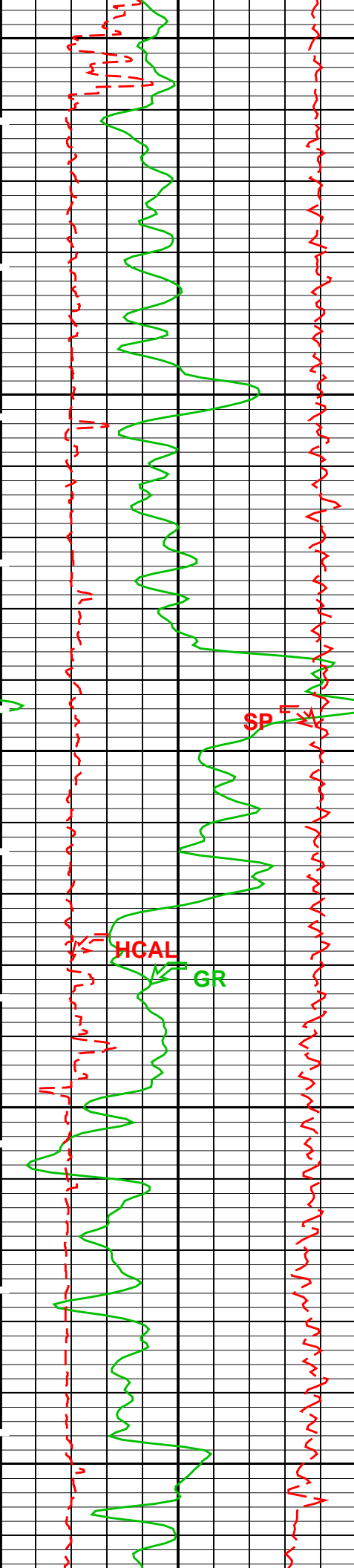




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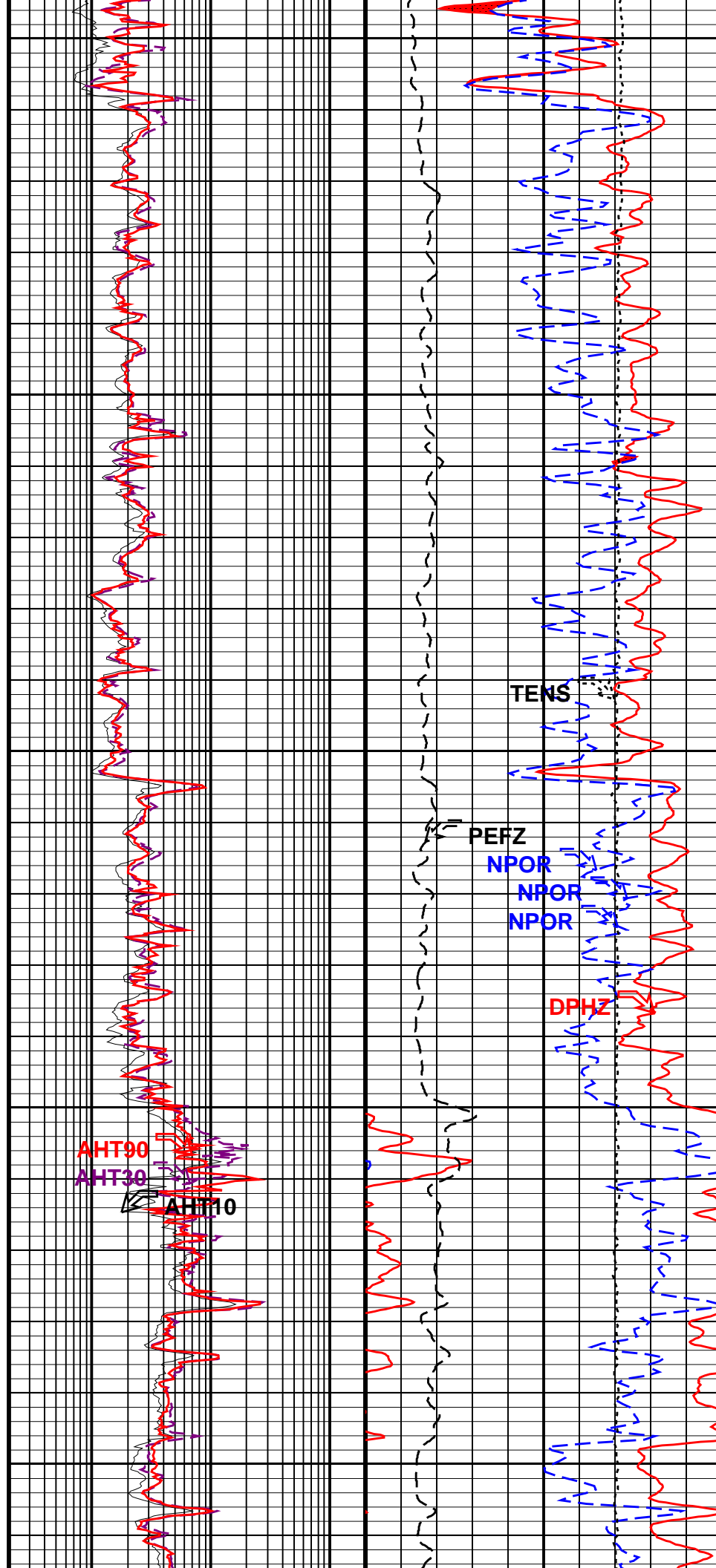
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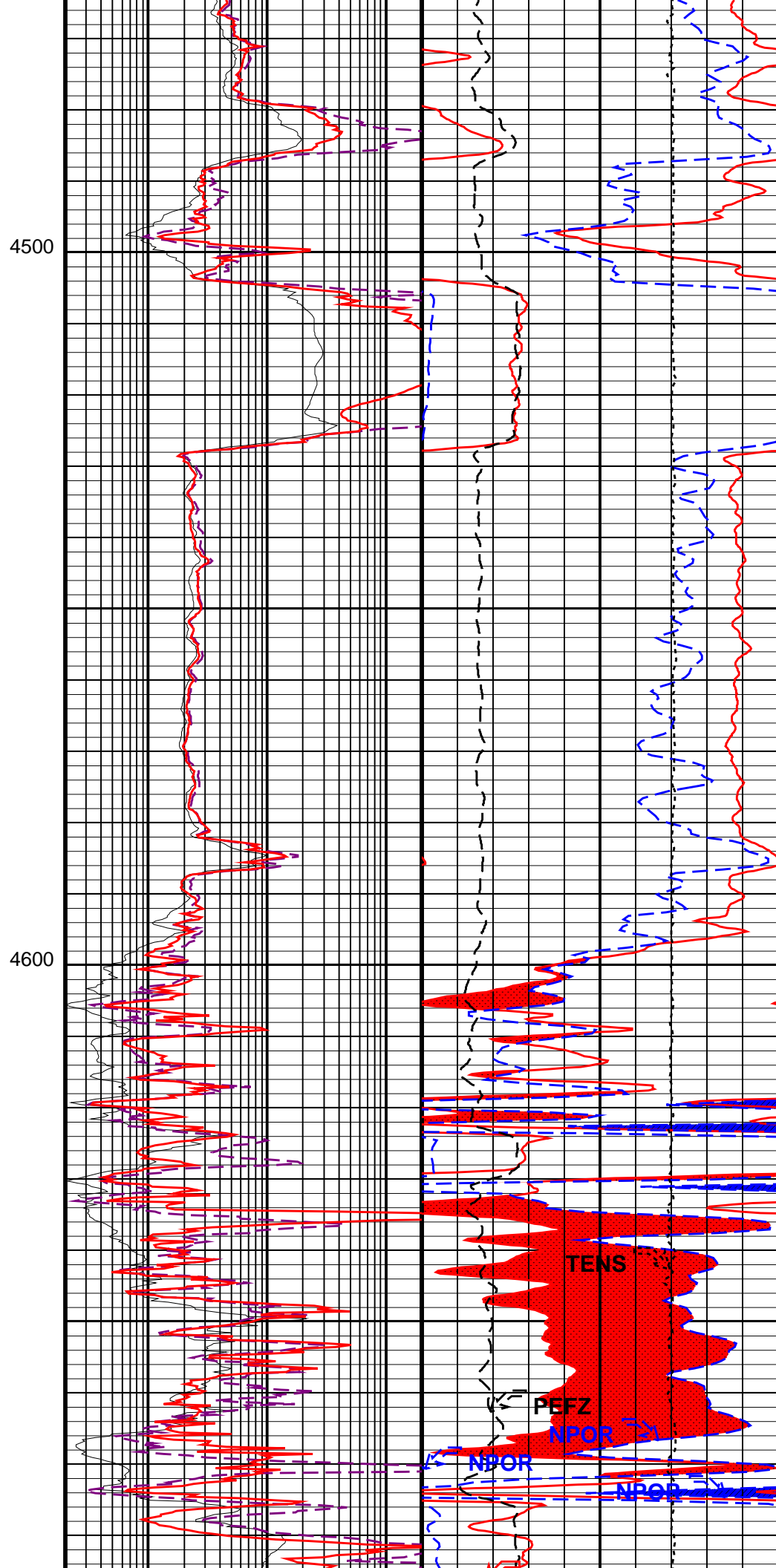
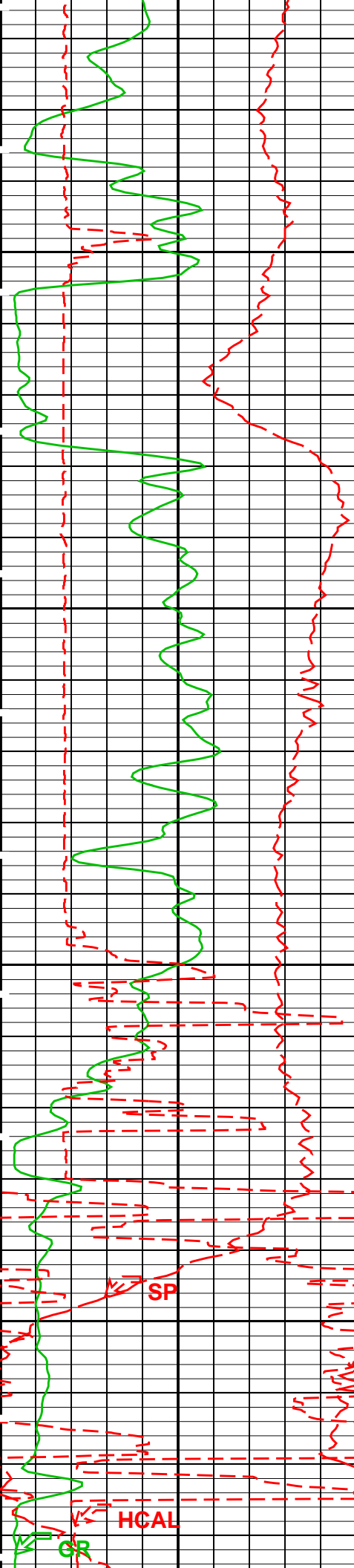


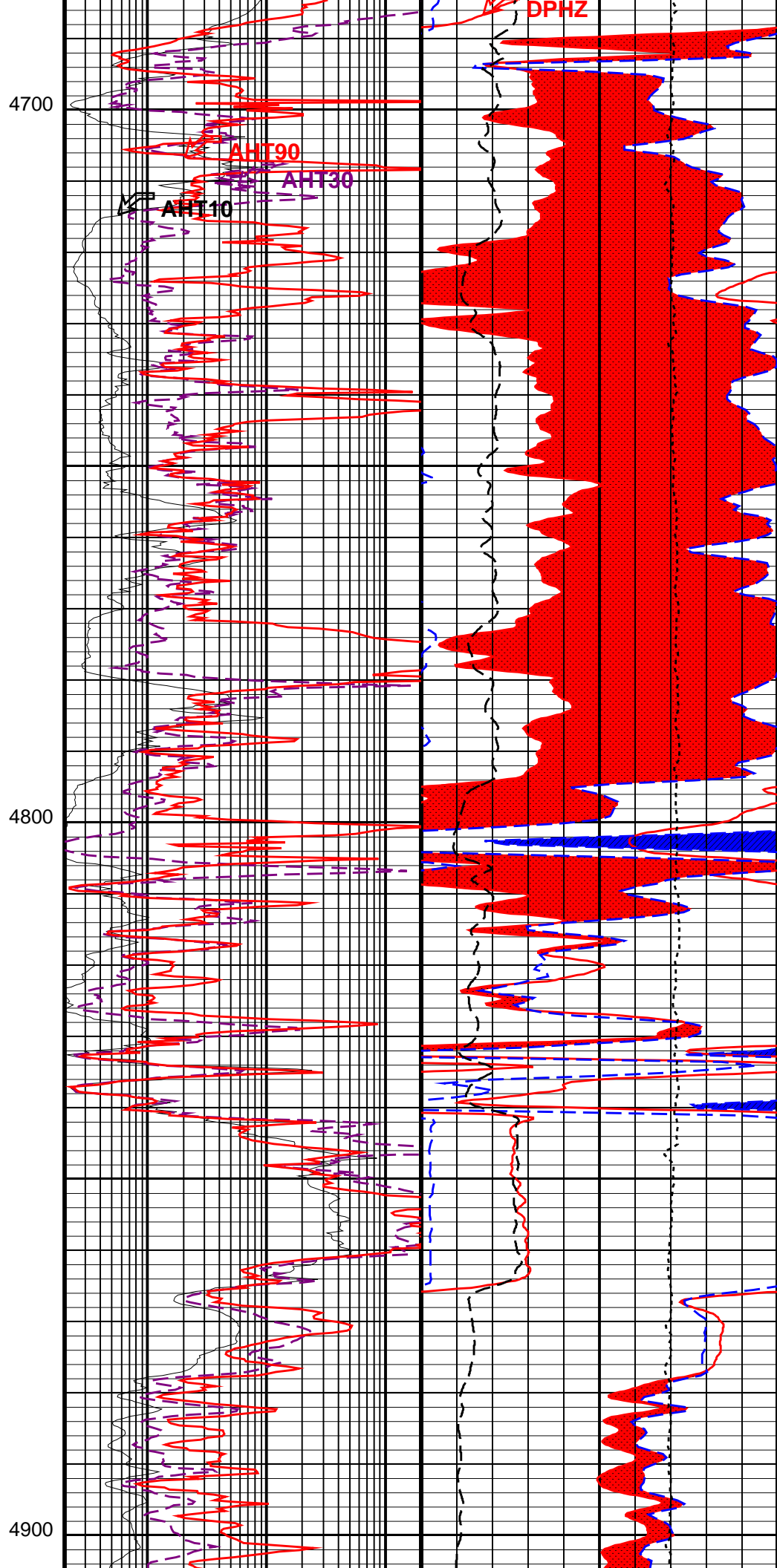
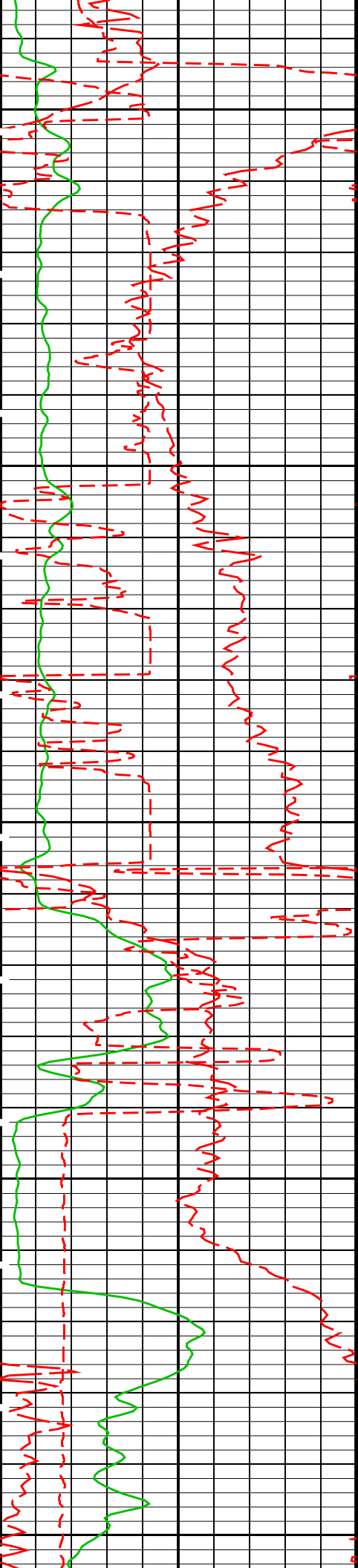


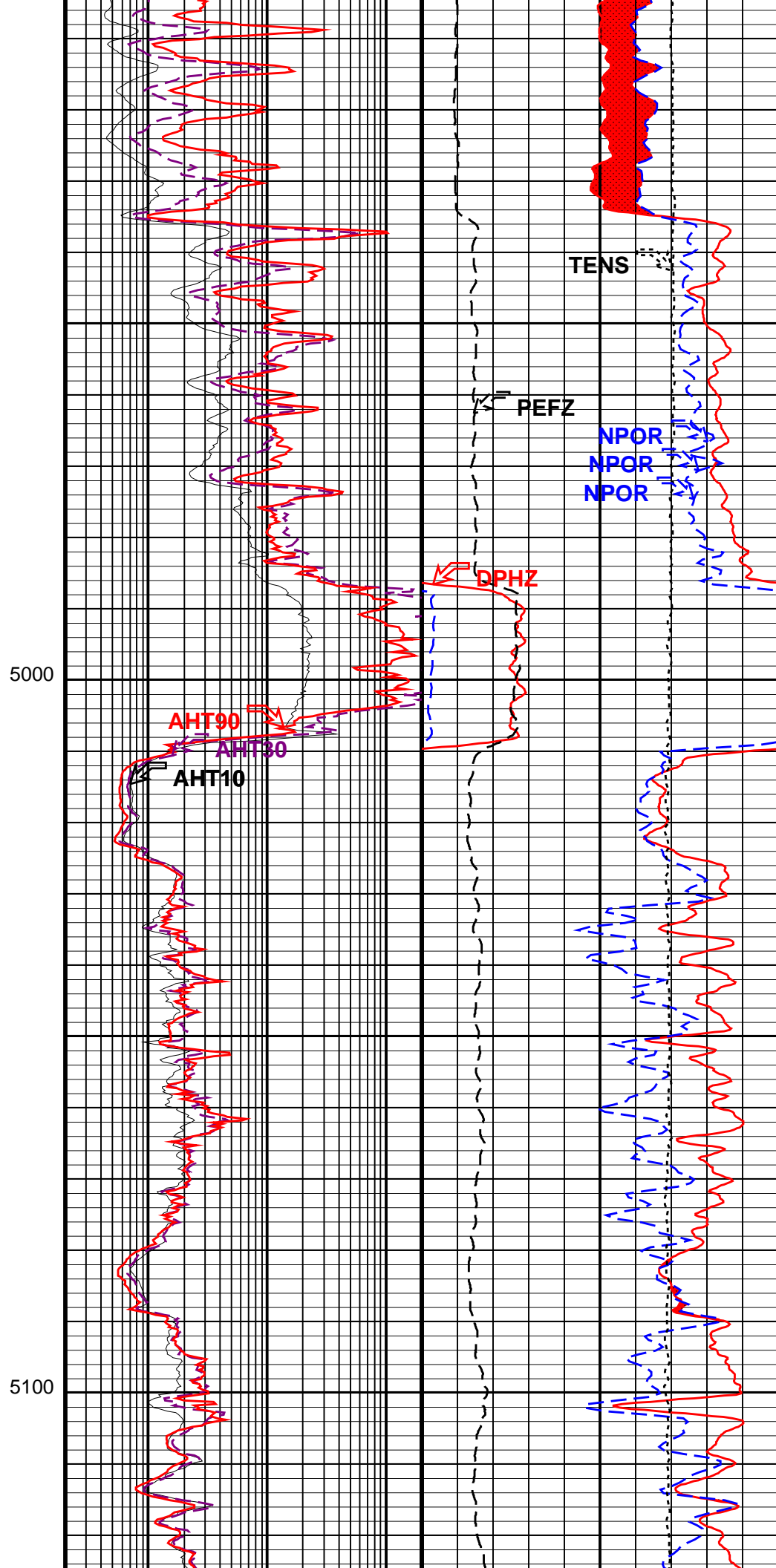
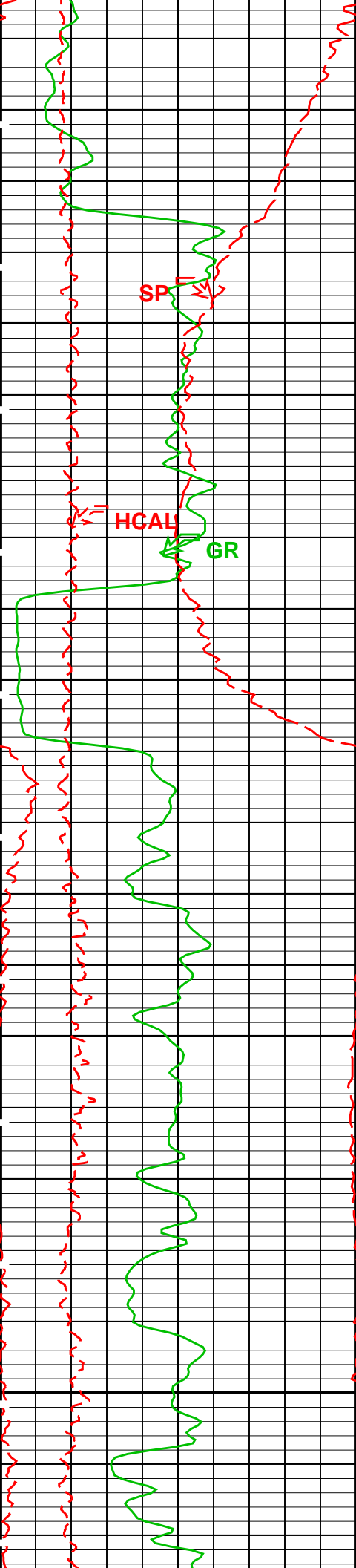
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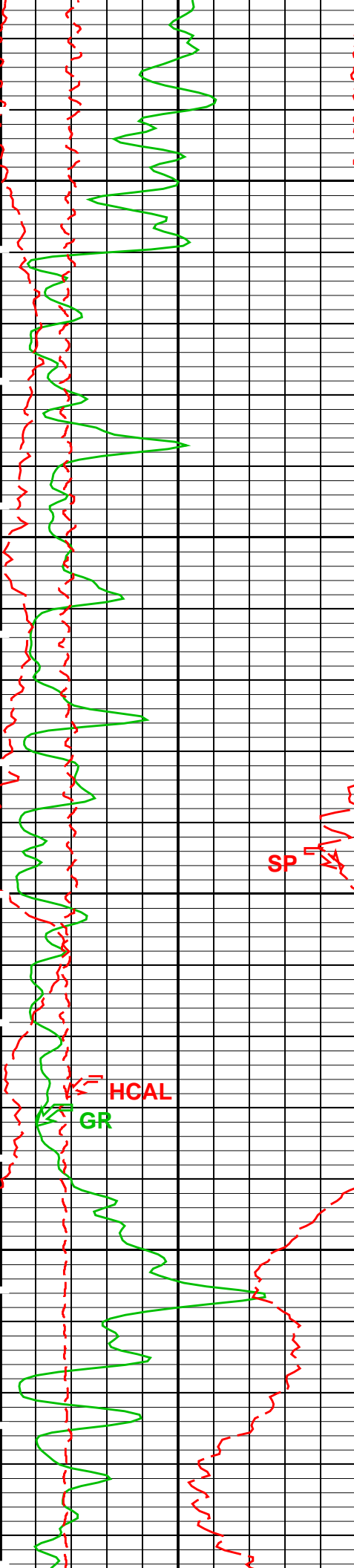
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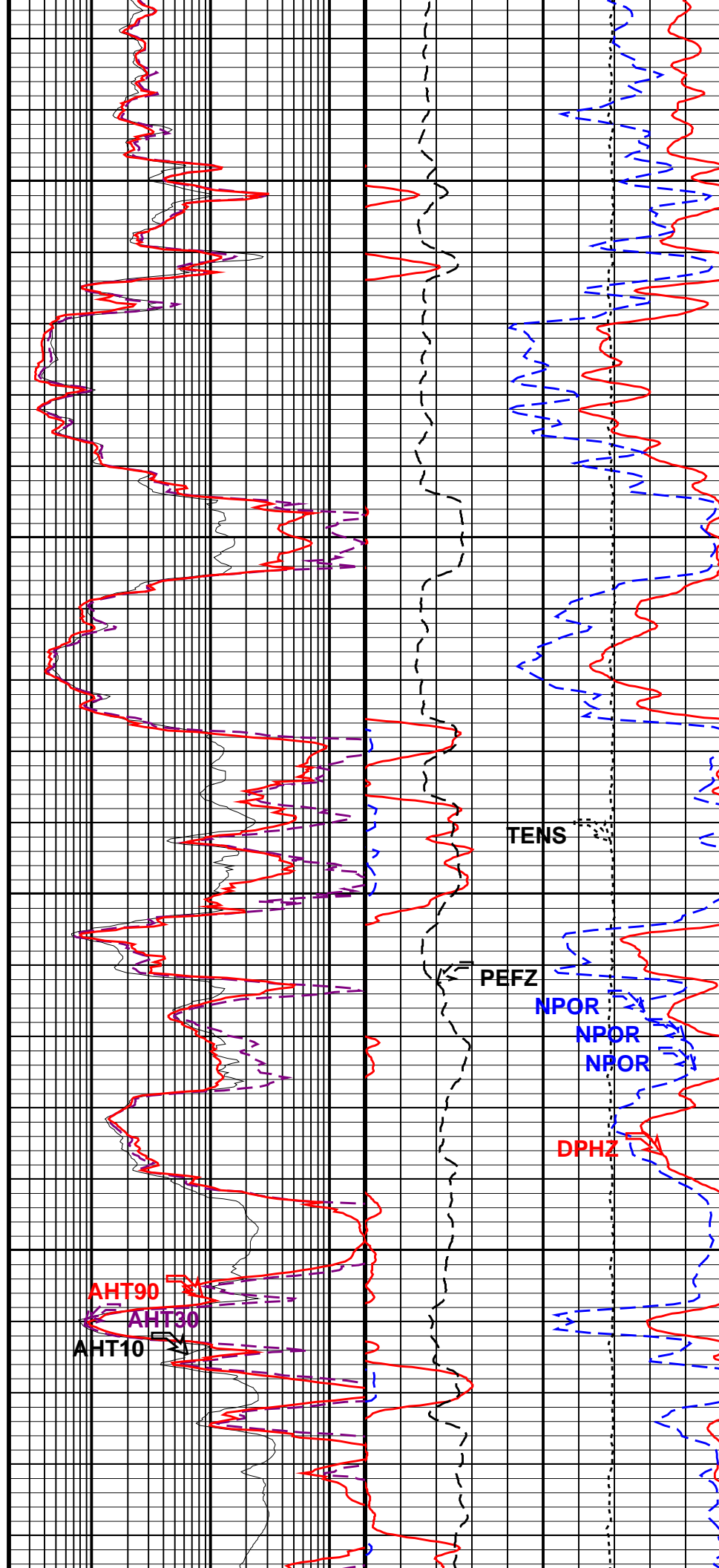


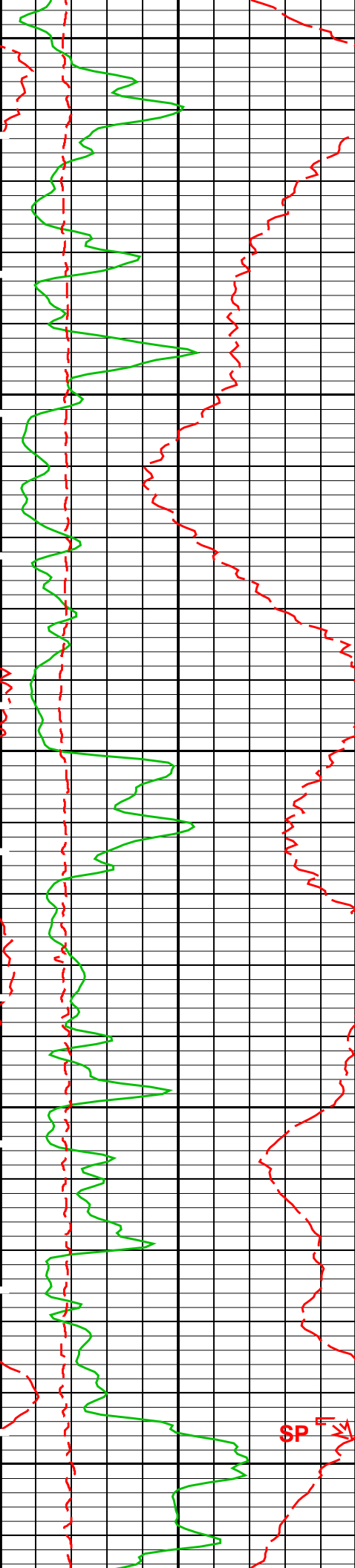




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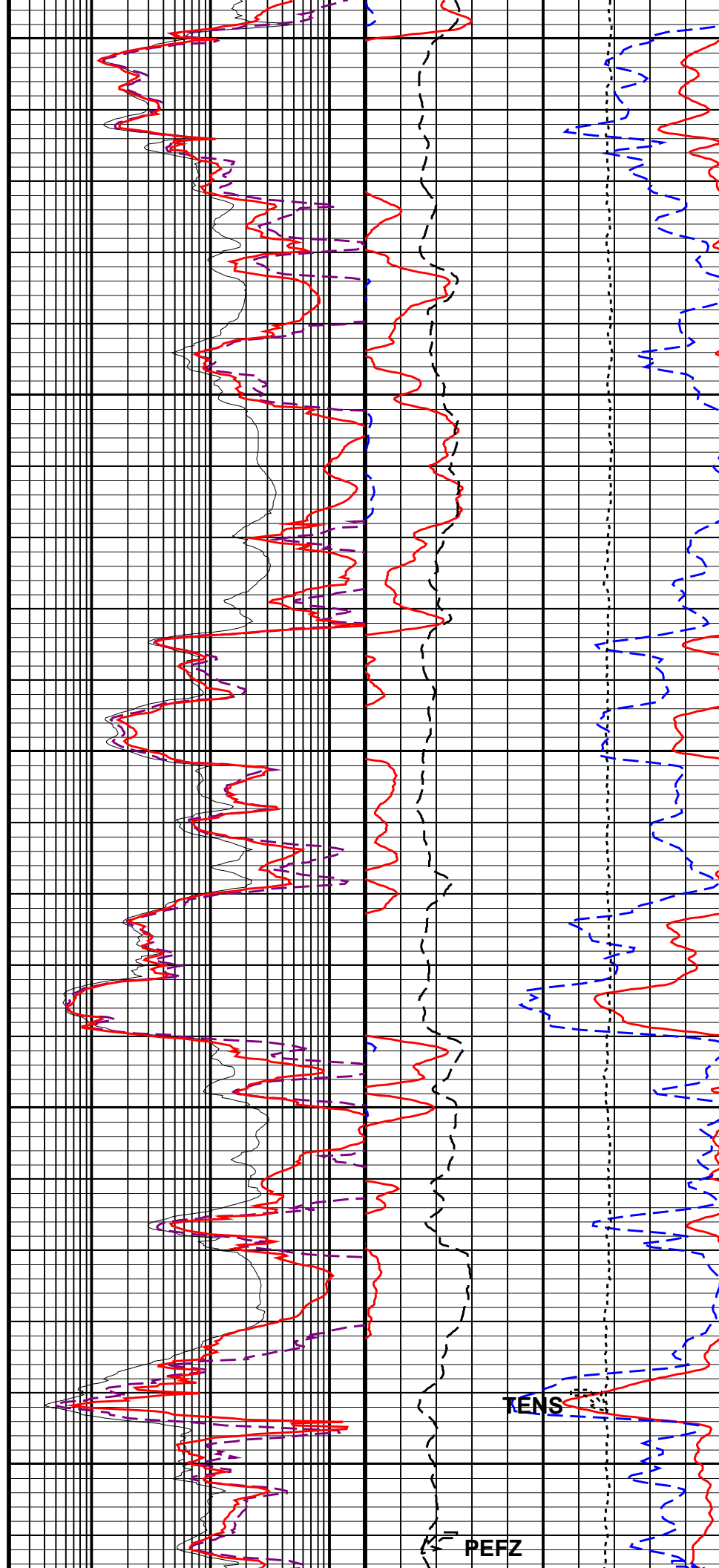
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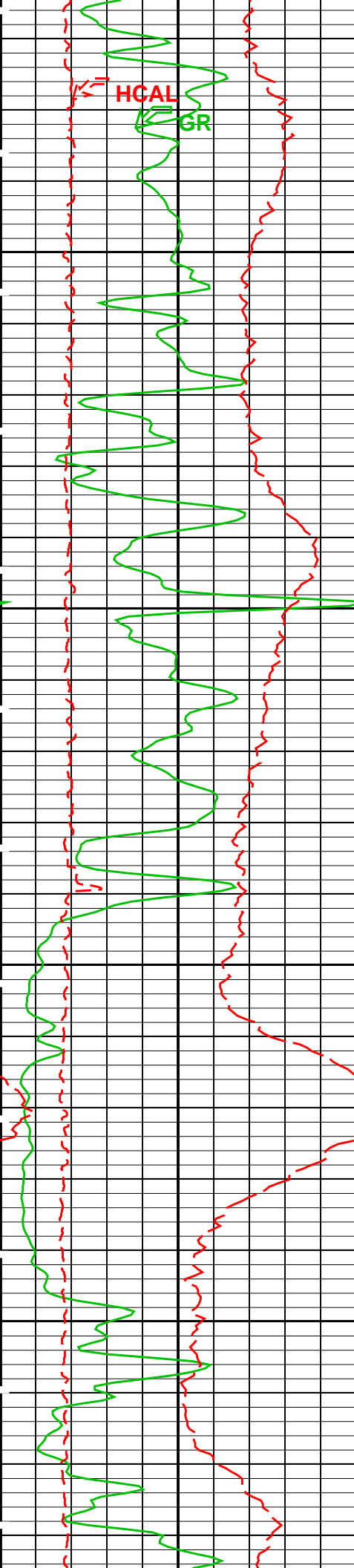




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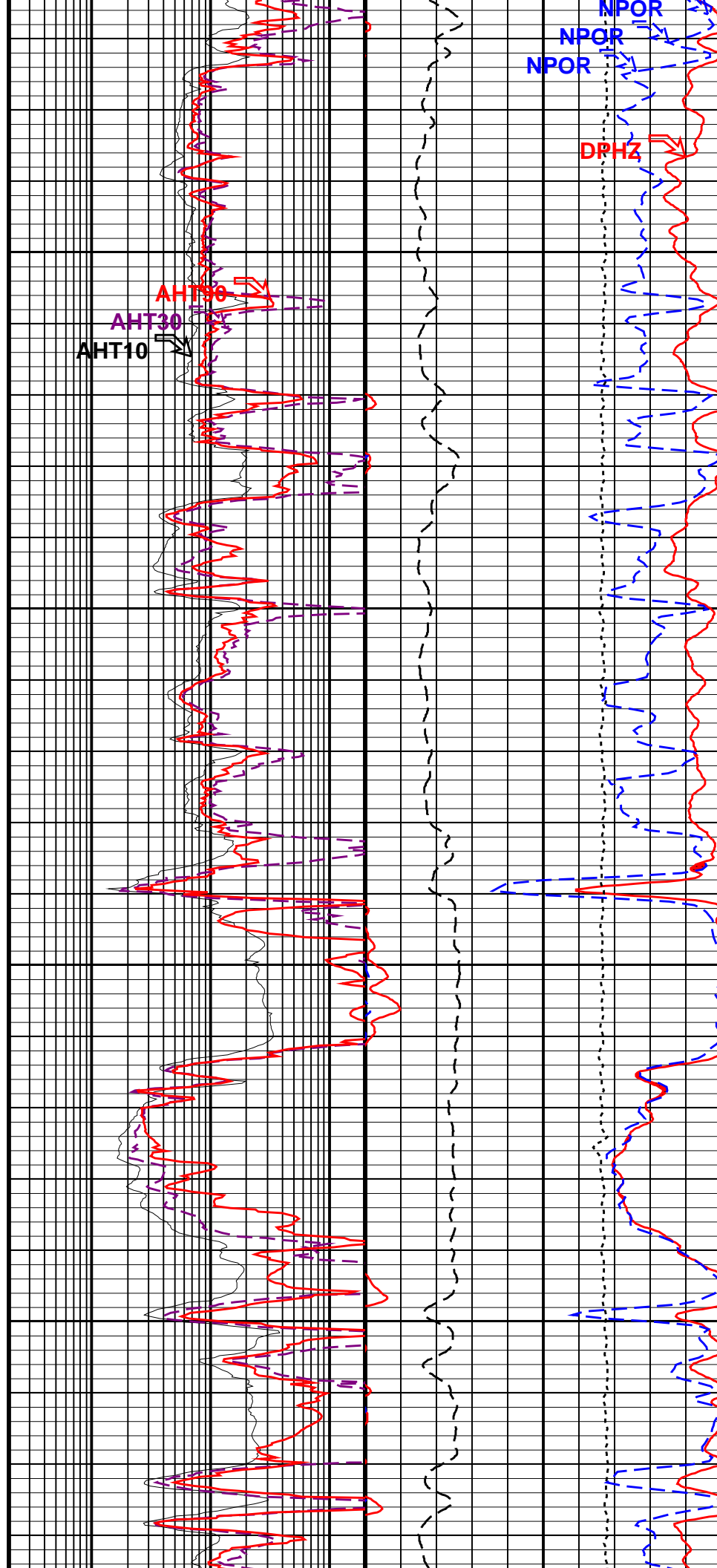
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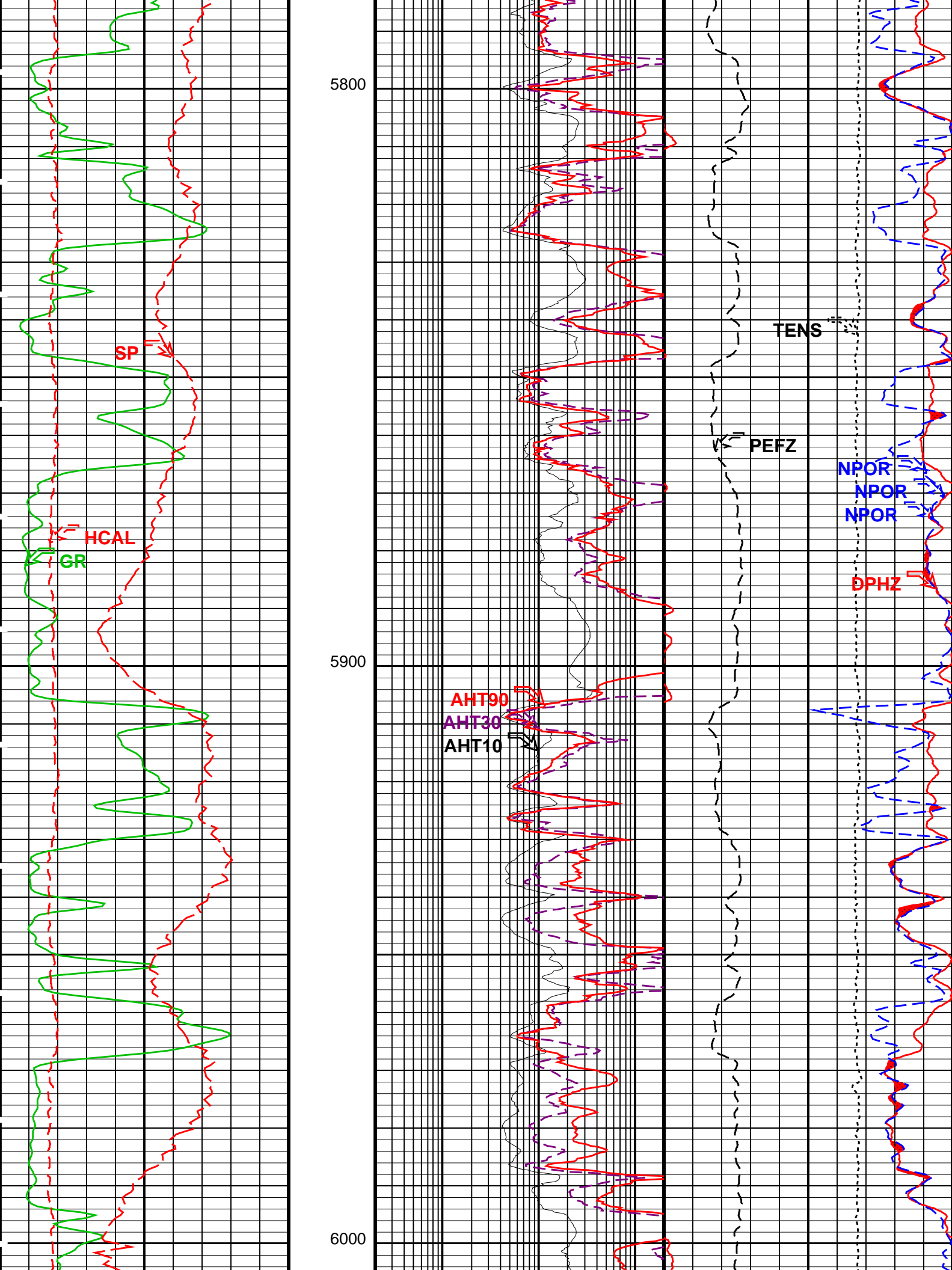


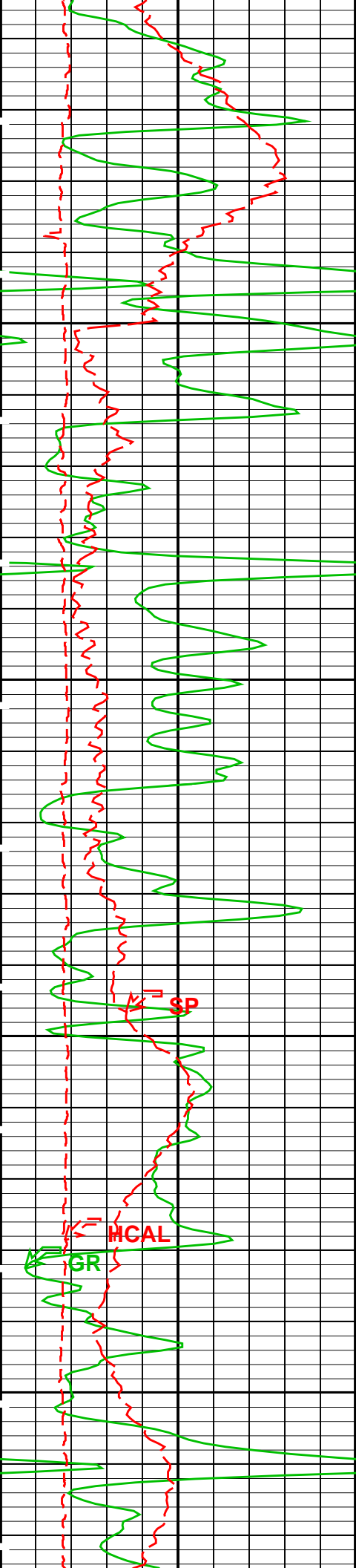


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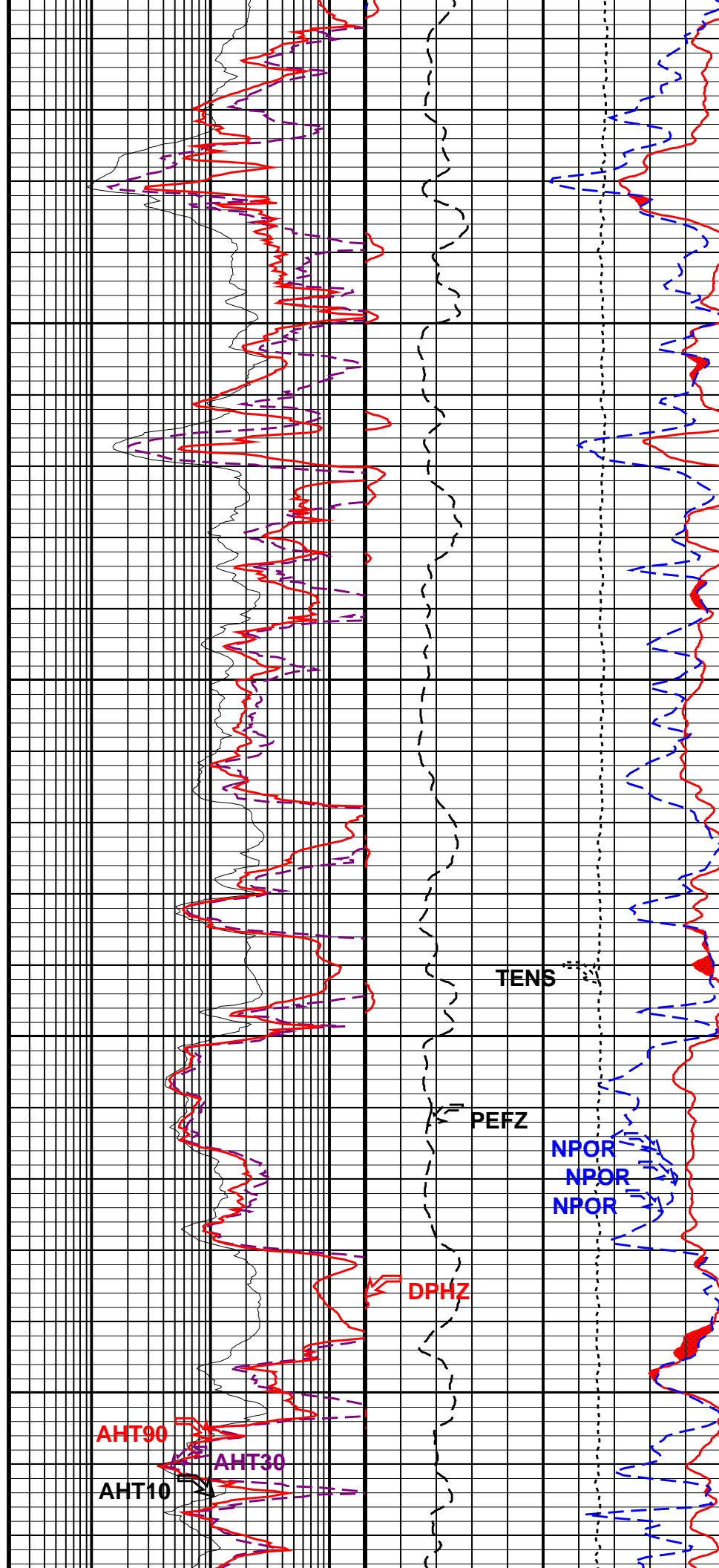


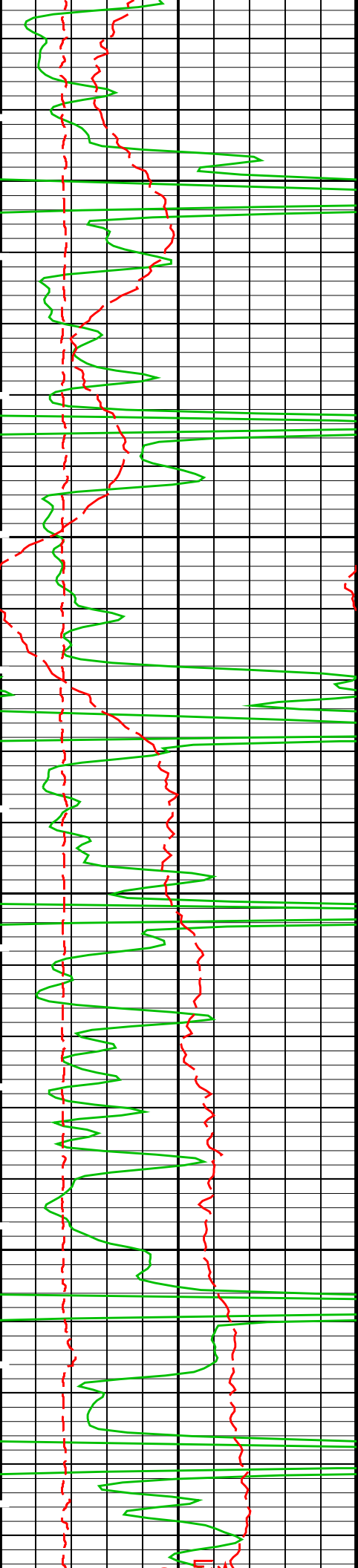




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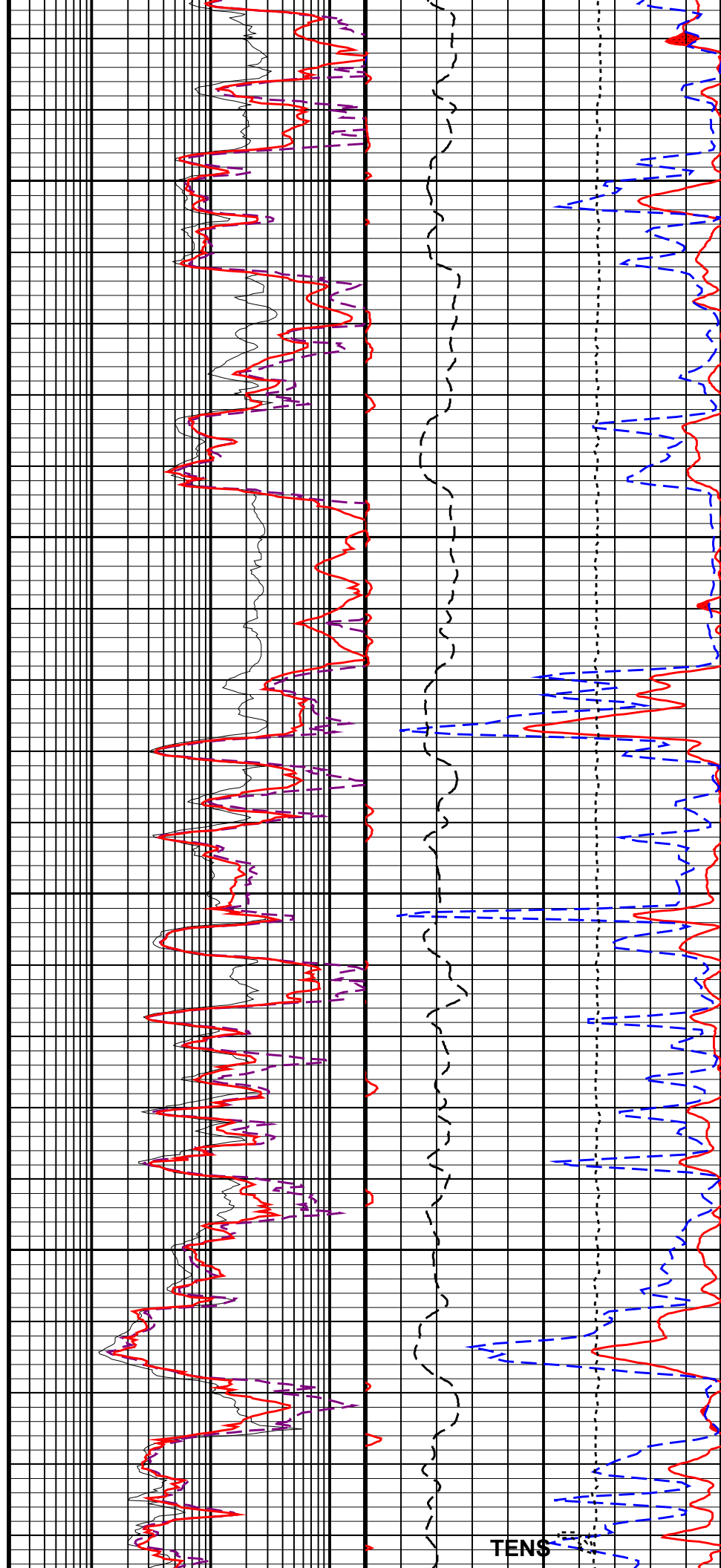
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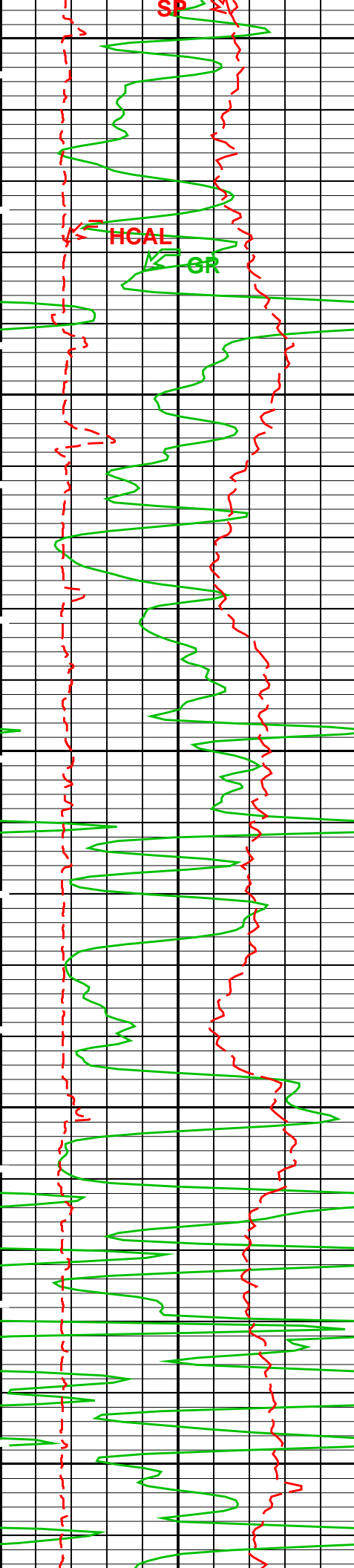


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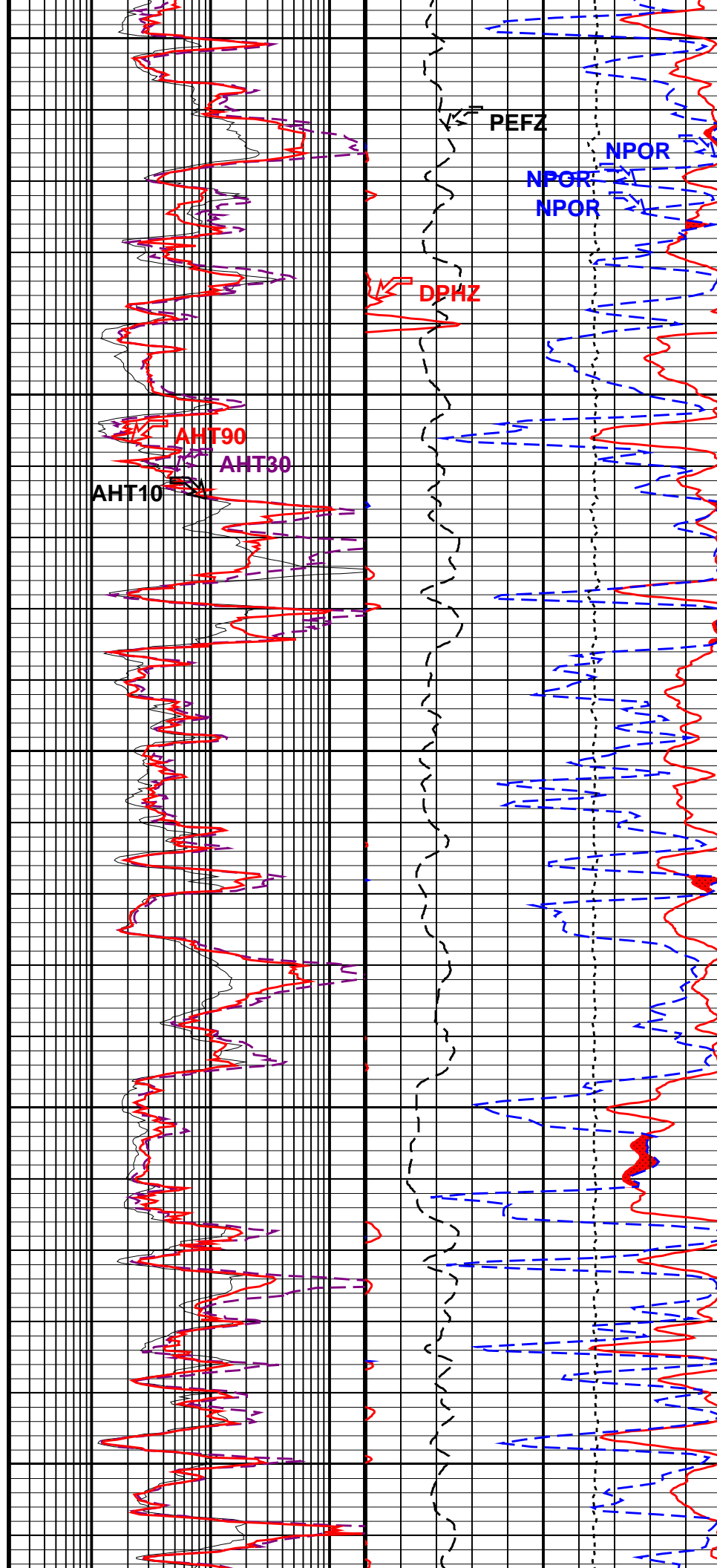


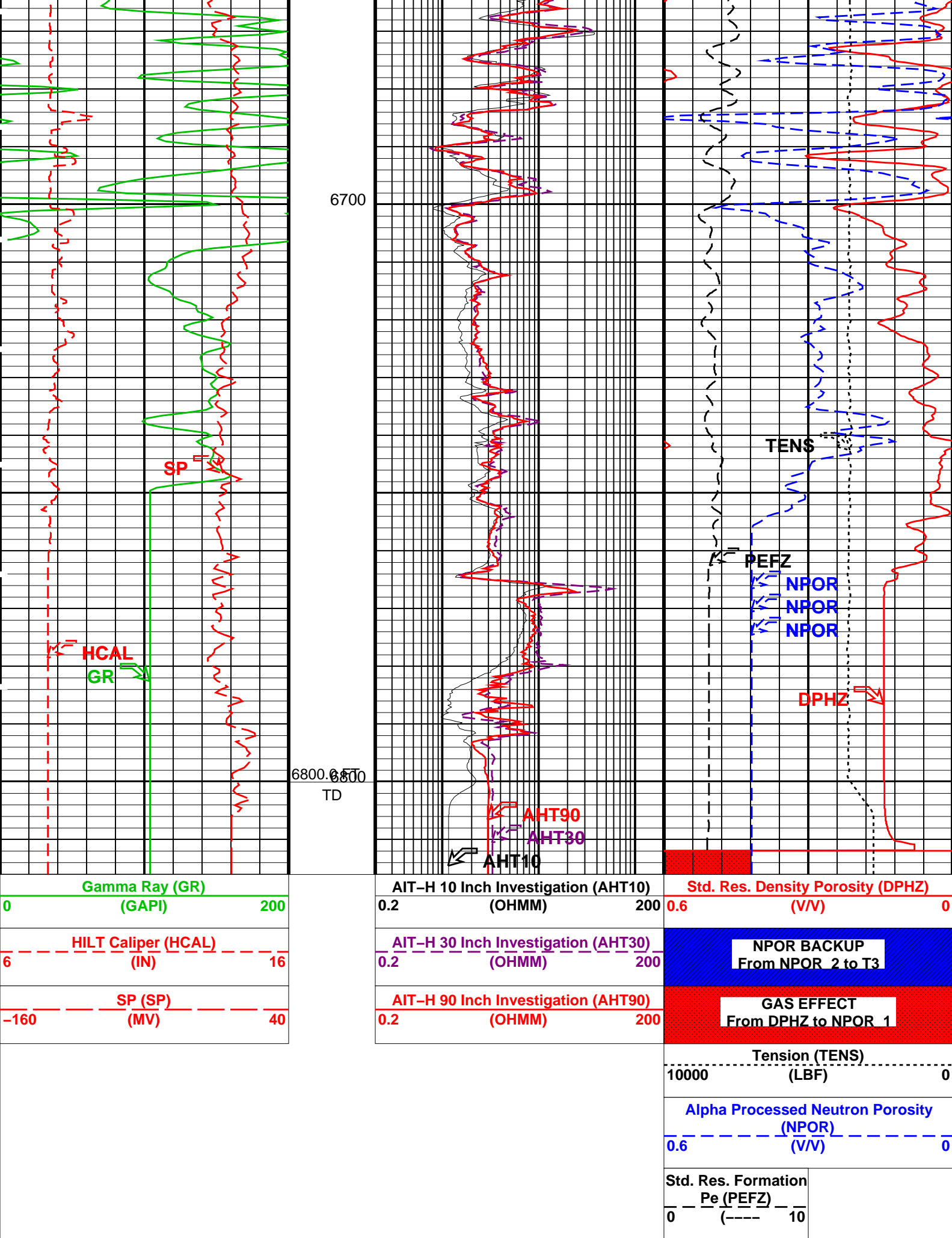
TENS



6500

6600





Parameters

DLIS Name	Description	Value	
HAIT-H: Array Induction Tool - H			
AHBHM	Array Induction Borehole Correction Mode	2_ComputeStandoff	
AHBHV	Array Induction Borehole Correction Code Version Number	900	
AHBLM	Array Induction Basic Logs Mode	6_One_Two_and_Four	
AHBLV	Array Induction Basic Logs Code Version Number	223	
AHCDE	Array Induction Casing Detection Enable	Yes	
AHCEN	Array Induction Tool Centering Flag (in Borehole)	Eccentered	
AHFRSV	Array Induction Response Set Version for Four ft Resolution	41.70.24.20	
AHMRF	Array Induction Mud Resistivity Factor	1	
AHORSV	Array Induction Response Set Version for One ft Resolution	41.70.24.20	
AHRFV	Array Induction Radial Profiling Code Version Number	701	
AHRPV	Array Induction Radial Parametrization Code Version Number	232	
AHSTA	Array Induction Tool Standoff	1	IN
AHTRSV	Array Induction Response Set Version for Two ft Resolution	41.70.24.20	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	185	DEGF
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
SPNV	SP Next Value	0	MV
HILTH-FTB: High resolution Integrated Logging Tool-DTS			
BHFL	Borehole Fluid Type	WATER	
BHFL_TLD	HILT Nuclear Mud Base	WATER	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	185	DEGF
BSCO	Borehole Salinity Correction Option	NO	
CCCO	Casing & Cement Thickness Correction Option	NO	
DHC	Density Hole Correction	BS	
FD	Fluid Density	1	G/C3
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
FSAL	Formation Salinity	-50000	PPM
FSCO	Formation Salinity Correction Option	NO	
GCLF	Germany Coal-like Formation Option	NO	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
HSCO	Hole Size Correction Option	YES	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MCCO	Mud Cake Correction Option	NO	
MCOR	Mud Correction	NATU	
MDEN	Matrix Density	2.71	G/C3
MWCO	Mud Weight Correction Option	NO	
NAAC	HRDD APS Activation Correction	OFF	
NMT	HILT Nuclear Mud Type	NOBARITE	
NPRM	HRDD Processing Mode	StdRes	
NSAR	HRDD Depth Sampling Rate	1	IN
PTCO	Pressure/Temperature Correction Option	NO	
SDAT	Standoff Data Source	SOCN	
SHT	Surface Hole Temperature	68	DEGF
SOCN	Standoff Distance	0.125	IN
SOCO	Standoff Correction Option	YES	
CMRT-B: Combinable Magnetic Resonance Tool - B			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	185	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
FEQL: Formation Evaluation Quick Look			
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
HOLEV: Integrated Hole/Cement Volume			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	185	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG

GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
PERT: Preliminary Evaluation – Real Time			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	185	DEGF
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
STI: Stuck Tool Indicator			
TDL	Total Depth – Logger	6800.00	FT
System and Miscellaneous			
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	-50000.00	PPM
CSIZ	Current Casing Size	8.625	IN
DO	Depth Offset for Playback	0.0	FT
FLEV	Fluid Level	200.00	FT
MST	Mud Sample Temperature	95.00	DEGF
PP	Playback Processing	RECOMPUTE	
RMFS	Resistivity of Mud Filtrate Sample	0.0830	OHMM
TD	Total Depth	6800	FT

Format: COMBO Vertical Scale: 5" per 100' Graphics File Created: 05-Aug-2013 19:41

OP System Version: 19C2-270

HAIT-H	19C2-270	DSLT-FTB	19C2-270
HILTH-FTB	19C2-270	CMRT-B	19C2-270
DTC-H	19C2-270		

Input DLIS Files

DEFAULT	Splice_AIT_SONIC_032CUP	FN:1	PRODUCER	05-Aug-2013 19:39	6816.0 FT	99.5 FT
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Output DLIS Files

DEFAULT	AIT_SONIC_TLD_MCFL_033PUP	FN:31	PRODUCER	05-Aug-2013 19:41		
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Schlumberger

REPEAT ANALYSIS

MAXIS Field Log

Company: Omimex Petroleum Inc Well: Vega 4-29-1-4

Input DLIS Files

DEFAULT	AIT_SONIC_TLD_MCFL_014PUP	FN:13	PRODUCER	05-Aug-2013 10:06	6816.0 FT	6508.0 FT
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Output DLIS Files

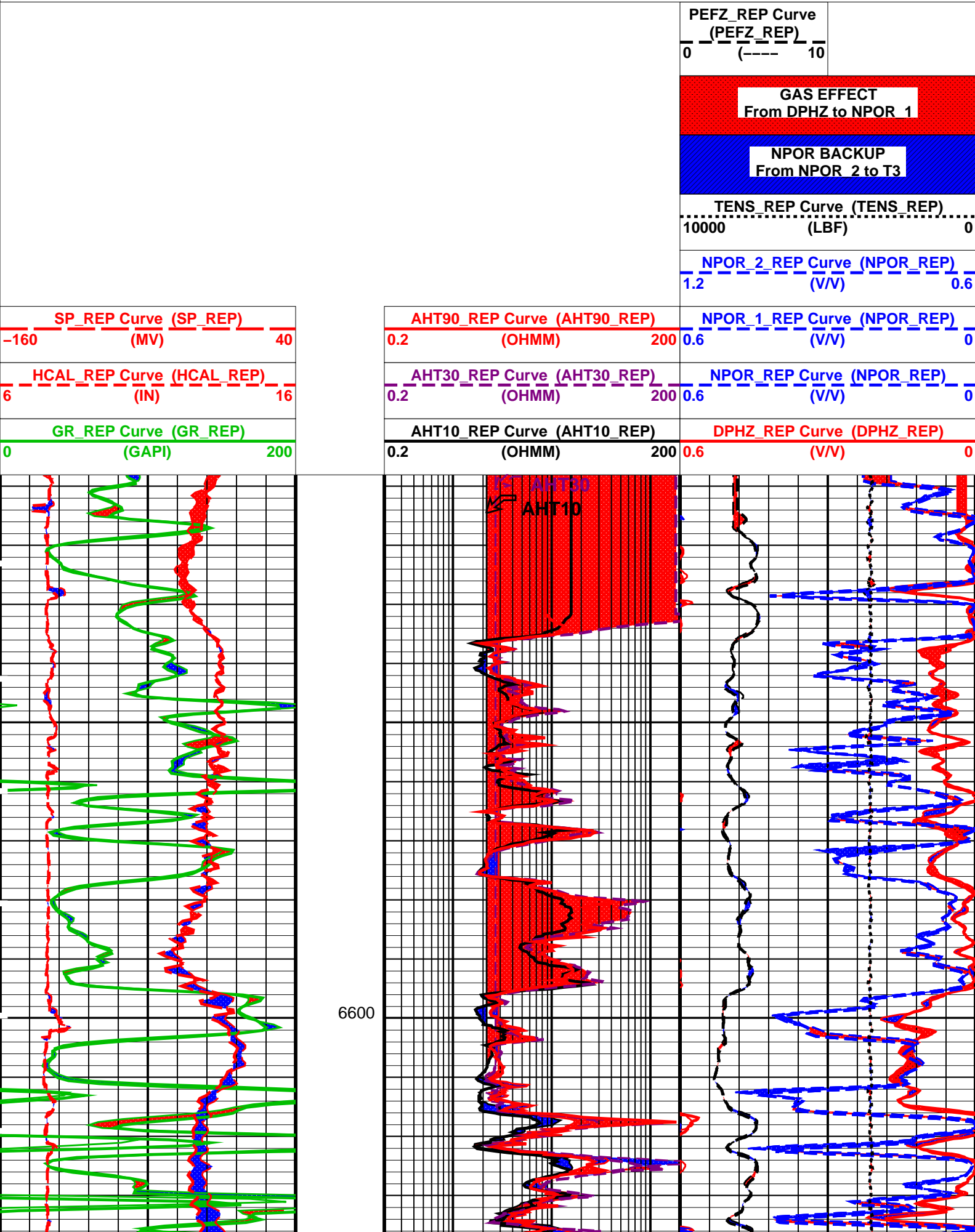
DEFAULT	AIT_SONIC_TLD_MCFL_015LUP	FN:14	PRODUCER	05-Aug-2013 10:10		
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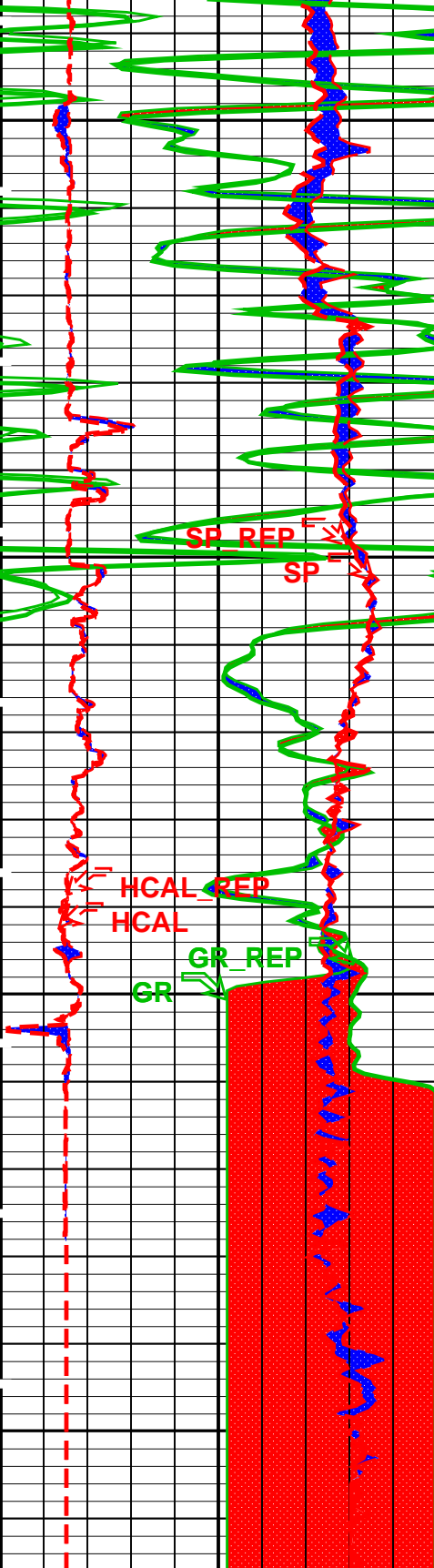
OP System Version: 19C2-270

HAIT-H	19C2-270	DSLT-FTB	19C2-270
HILTH-FTB	19C2-270	CMRT-B	19C2-270

PIP SUMMARY

Time Mark Every 60 S

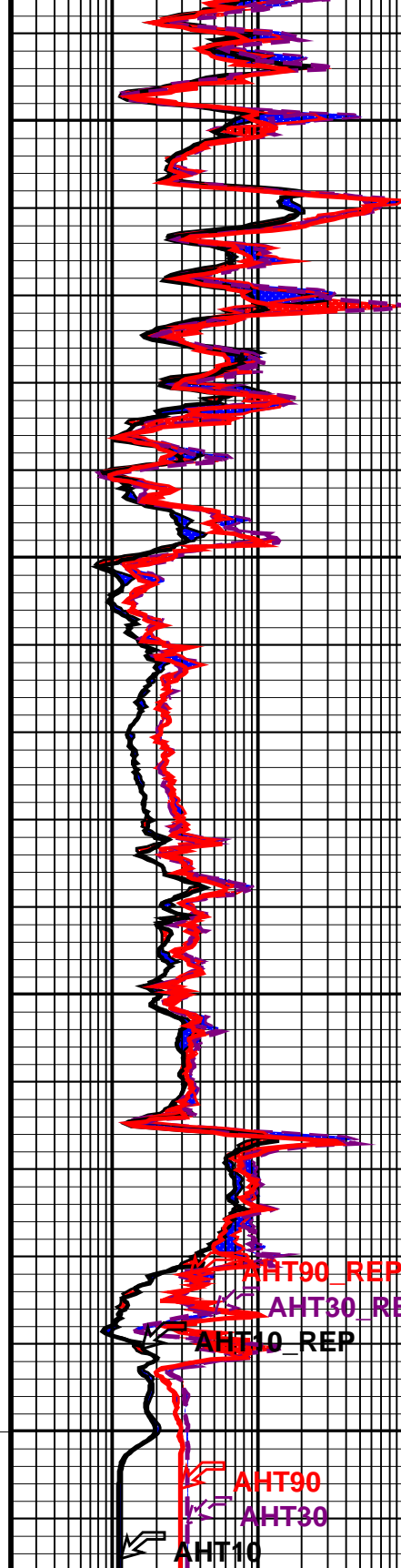




GR_REP Curve (GR_REP)
(GAPI) 0 200

HCAL_REP Curve (HCAL_REP)
(IN) 6 16

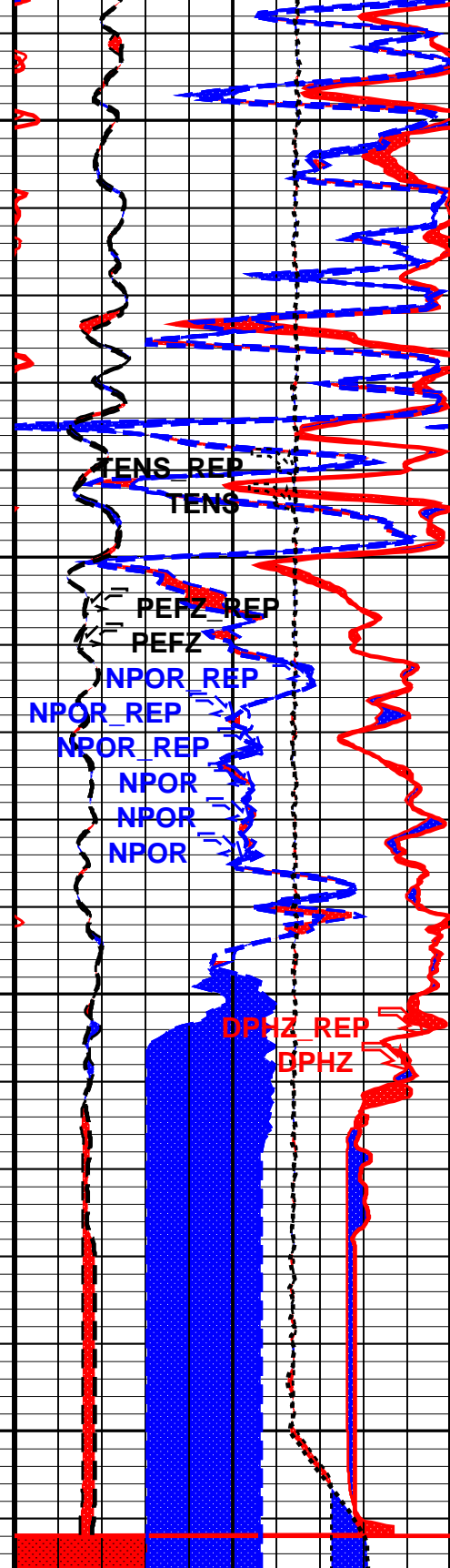
SP_REP Curve (SP_REP)
(MV) -160 40



AHT10_REP Curve (AHT10_REP)
(OHMM) 0.2 200

AHT30_REP Curve (AHT30_REP)
(OHMM) 0.2 200

AHT90_REP Curve (AHT90_REP)
(OHMM) 0.2 200



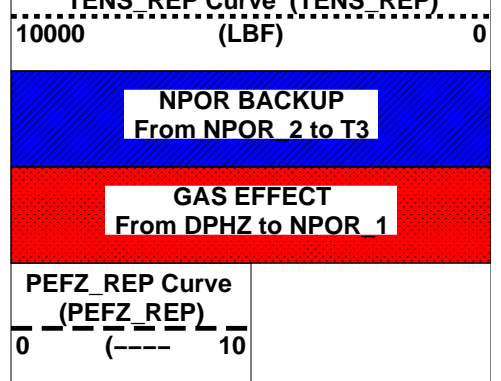
DPHZ_REP Curve (DPHZ_REP)
(V/V) 0.6 0

NPOR_REP Curve (NPOR_REP)
(V/V) 0.6 0

NPOR_1_REP Curve (NPOR_REP)
(V/V) 0.6 0

NPOR_2_REP Curve (NPOR_REP)
(V/V) 1.2 0.6

TENS_REP Curve (TENS_REP)



PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
HAIT-H: Array Induction Tool - H		
AHBHM	Array Induction Borehole Correction Mode	2_ComputeStandoff
AHBHV	Array Induction Borehole Correction Code Version Number	900
AHBLM	Array Induction Basic Logs Mode	6_One_Two_and_Four
AHBLV	Array Induction Basic Logs Code Version Number	223
AHCDE	Array Induction Casing Detection Enable	Yes
AHCEN	Array Induction Tool Centering Flag (in Borehole)	Eccentered
AHFRSV	Array Induction Response Set Version for Four ft Resolution	41.70.24.20
AHMRF	Array Induction Mud Resistivity Factor	1
AHORSV	Array Induction Response Set Version for One ft Resolution	41.70.24.20
AHRFV	Array Induction Radial Profiling Code Version Number	701
AHRPV	Array Induction Radial Parametrization Code Version Number	232
AHSTA	Array Induction Tool Standoff	1 IN
AHTRSV	Array Induction Response Set Version for Two ft Resolution	41.70.24.20
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	185 DEGF
FEXP	Form Factor Exponent	2
FNUM	Form Factor Numerator	1
GCSE	Generalized Caliper Selection	HCAL
GDEV	Average Angular Deviation of Borehole from Normal	0 DEG
GGRD	Geothermal Gradient	0.01 DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST
GTSE	Generalized Temperature Selection	HSTS_HTEM
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE
SHT	Surface Hole Temperature	68 DEGF
SPNV	SP Next Value	0 MV
HILTH-FTB: High resolution Integrated Logging Tool-DTS		
BHFL	Borehole Fluid Type	WATER
BHFL_TLD	HILT Nuclear Mud Base	WATER
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	185 DEGF
BSCO	Borehole Salinity Correction Option	NO
CCCO	Casing & Cement Thickness Correction Option	NO
DHC	Density Hole Correction	BS
FD	Fluid Density	1 G/C3
FEXP	Form Factor Exponent	2
FNUM	Form Factor Numerator	1
FSAL	Formation Salinity	-50000 PPM
FSCO	Formation Salinity Correction Option	NO
GCLF	Germany Coal-like Formation Option	NO
GCSE	Generalized Caliper Selection	HCAL
GDEV	Average Angular Deviation of Borehole from Normal	0 DEG
GGRD	Geothermal Gradient	0.01 DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST
GTSE	Generalized Temperature Selection	HSTS_HTEM
HSCO	Hole Size Correction Option	YES
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE
MCCO	Mud Cake Correction Option	NO
MCOR	Mud Correction	NATU
MDEN	Matrix Density	2.71 G/C3
MWCO	Mud Weight Correction Option	NO
NAAC	HRDD APS Activation Correction	OFF
NMT	HILT Nuclear Mud Type	NOBARITE
NPRM	HRDD Processing Mode	StdRes
NSAR	HRDD Depth Sampling Rate	1 IN
PTCO	Pressure/Temperature Correction Option	NO
SDAT	Standoff Data Source	SOCN
SHT	Surface Hole Temperature	68 DEGF
SOCN	Standoff Distance	0.125 IN
SOCO	Standoff Correction Option	YES

CMRT-B: Combinable Magnetic Resonance Tool - B

BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	185	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
FEQL: Formation Evaluation Quick Look			
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
HOLEV: Integrated Hole/Cement Volume			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	185	DEGF
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
PERT: Preliminary Evaluation – Real Time			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	185	DEGF
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
GRSE	Generalized Mud Resistivity Selection	AITH_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
SHT	Surface Hole Temperature	68	DEGF
STI: Stuck Tool Indicator			
TDL	Total Depth – Logger	6800.00	FT
System and Miscellaneous			
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	–50000.00	PPM
DFD	Drilling Fluid Density	9.70	LB/G
DORL	Depth Offset for Repeat Analysis	0.0	FT
FLEV	Fluid Level	200.00	FT
MST	Mud Sample Temperature	95.00	DEGF
RMFS	Resistivity of Mud Filtrate Sample	0.0830	OHMM
TD	Total Depth	6800	FT

Format: COMBO_REP Vertical Scale: 5" per 100' Graphics File Created: 05–Aug–2013 10:10

OP System Version: 19C2–270

HAIT–H	19C2–270	DSLT–FTB	19C2–270
HILTH–FTB	19C2–270	CMRT–B	19C2–270
DTC–H	19C2–270		

Input DLIS Files

DEFAULT	AIT_SONIC_TLD_MCFL_014PUP	FN:13	PRODUCER	05–Aug–2013 10:06	6816.0 FT	6508.0 FT
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Output DLIS Files

DEFAULT	AIT_SONIC_TLD_MCFL_015LUP	FN:14	PRODUCER	05–Aug–2013 10:10
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Company: **Omimex Petroleum Inc**

Schlumberger

Well: **Vega 4–29–1–49**

Field: **Wildcat**

County: **Washington**

State: **Colorado**

Platform Express
Triple Combo

