

Company: **DEJOUR ENERGY CORPORATION**
Well: **FEDERAL 36-24A**
Field: **WILDCAT**
County: **RIO BLANCO** State: **COLORADO**

[illegible]

Logging Date					
Run Number					
Depth Driller					
Schlumberger Depth					
Bottom Log Interval					
Top Log Interval					
Casing Driller Size @ Depth		@			
Casing Schlumberger					
Bit Size					
Type Fluid In Hole					
Density	Viscosity				
Fluid Loss	PH				
Source Of Sample					
RM @ Measured Temperature		@			
RMF @ Measured Temperature		@			
RMC @ Measured Temperature		@			
Source RMF	RMC				
RM @ MRT	RMF @ MRT	@		@	
Maximum Recorded Temperatures					
Circulation Stopped	Time				
Logger On Bottom	Time				
Unit Number	Location				
Recorded By					
Witnessed By					

OTHER SERVICES1	OTHER SERVICES2
OS1: MSIP-FMI	OS1:
OS2:	OS2:
OS3:	OS3:
OS4:	OS4:
OS5:	OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Tool run as per tool sketch	
2 standoff 1"	
Density corrected for hole size	
Neutron corrected for hole size and standoff	
Sandstone matrix selected 2.65 g/cc	
Logging speed less than 3600ft/hr	

Data invalid in tight spots and washouts

Bridged at 2775 ft. Wipe trip was required

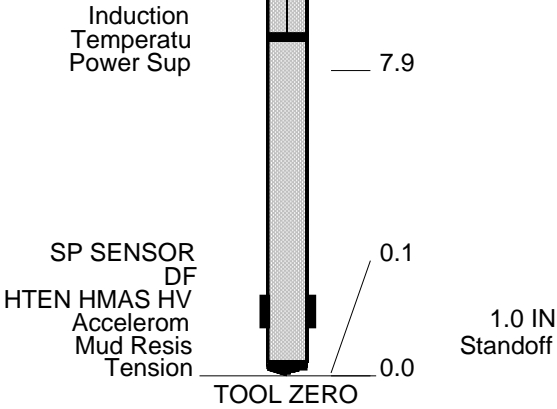
Max temp recorded 102 F

RUN 1			RUN 2		
SERVICE ORDER #:		BPLG-00005	SERVICE ORDER #:		
PROGRAM VERSION:		18C0-147	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT			
GSR-U/Y NCT-B CNB-AB NCS-VB WITM (DTS)-A			
DOWNHOLE EQUIPMENT			
LEH-QT LEH-QT			43.6
DTC-H ECH-KC DTCH0-A 9236 DTCH1-A	CTEM		39.7 40.6
	TelStatus ToolStatu HGNS HTEM HMCA		37.6
HILTH-FTB HGNSD-H 3785 HMCA-H HGNH NLS-KL NSR-F 2649 HACCZ-H 4269 HCNT-H HGR HRCC-H 3869 HRMS-H 3841 HRGD-H 3912 GLS-VJ 5415 MCFL Device-H HILT Nucl. LS-H 28706 HILT Nucl. SS-H 27692 HILT Nucl. BS-H 42767 BOW-SPR NPV-N	HGNS Gamm		37.6 37.6 36.9
	HGNS Neut HGNS Neut		31.1 30.6
	HGNS sens		28.2
	HRCC cart		24.2
	MCFL HILT cali HRDD-LS HRDD-SS HRDD-BS		18.8 18,3 17.9

AIT-M
AMIS-A 2562
AMRM-A



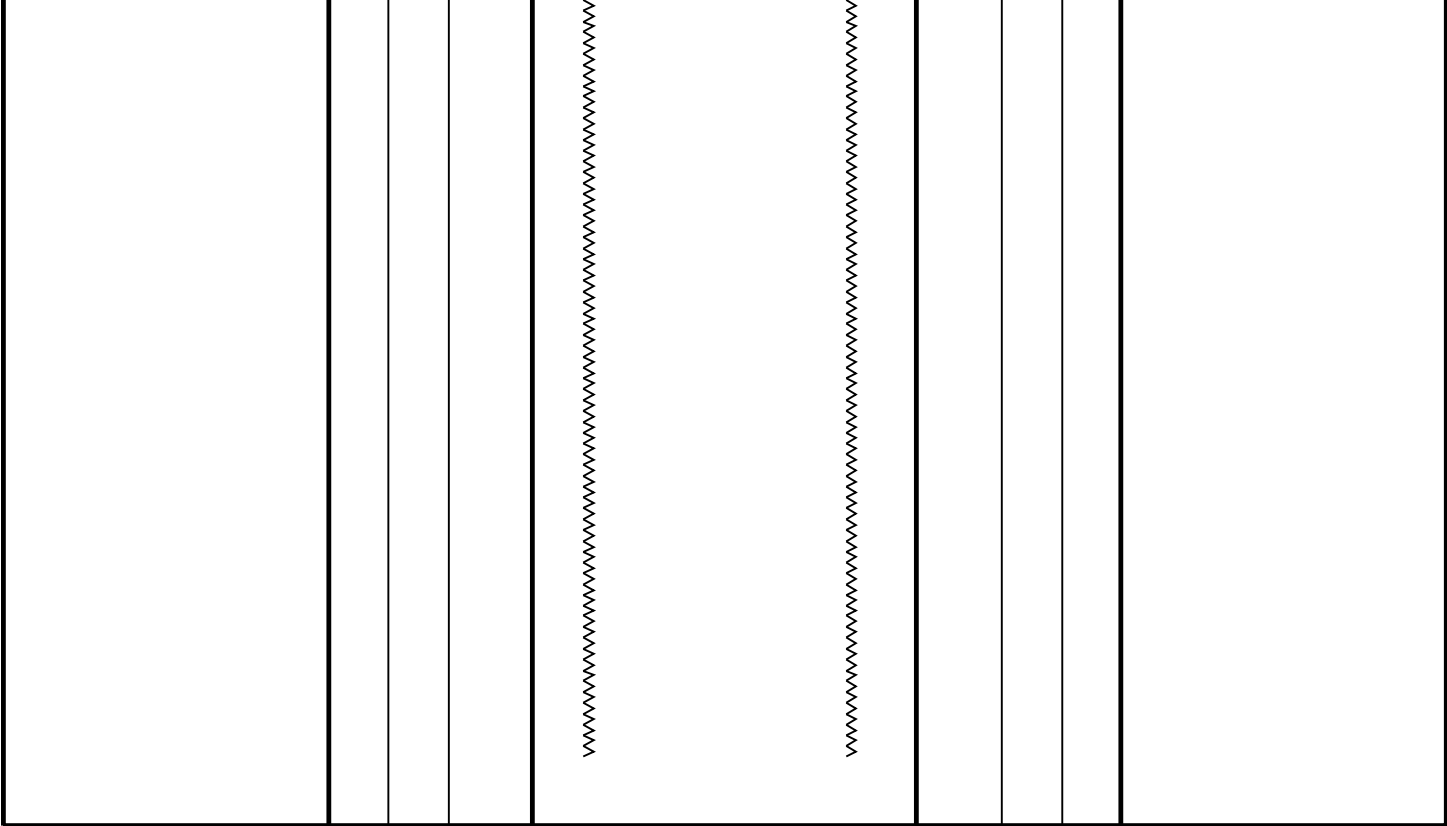
MAXIMUM STRING DIAMETER 5.88 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

Client: DEJOUR ENERGY
Well: FEDERAL 36-24A
Field: WILDCAT
State: COLORADO
Country: USA

Drawing Date: 6/17/2011
API #: 05-103-11810-00

Rig Name: Rig 1
Reference Datum: GROUND LEVEL
Elevation: 5487.0 ft

Production String	(in)		(ft)	Well Schematic	(ft)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
					0.0	8.625		Casing Segment
					522.0	8.625		Casing Shoe



ALL DEPTHS ARE DRILLER'S DEPTHS



MAIN PASS

MAXIS Field Log

Company: DEJOUR ENERGY CORPORATION Well: FEDERAL 36-24A

Input DLIS Files

DEFAULT AIT_TLD_MCFL_CNL_019LUP FN:33 PRODUCER 17-Jun-2011 12:53 3865.5 FT 13.5 FT

Output DLIS Files

DEFAULT AIT_TLD_MCFL_CNL_202PUP FN:42 PRODUCER 17-Jun-2011 14:50 3867.0 FT 98.0 FT

Integrated Hole/Cement Volume Summary

Hole Volume = 1284.86 F3
Cement Volume = 1284.86 F3 (assuming 0.00 IN casing O.D.)
Computed from 3865.0 FT to 98.5 FT using data channel(s) HCAL

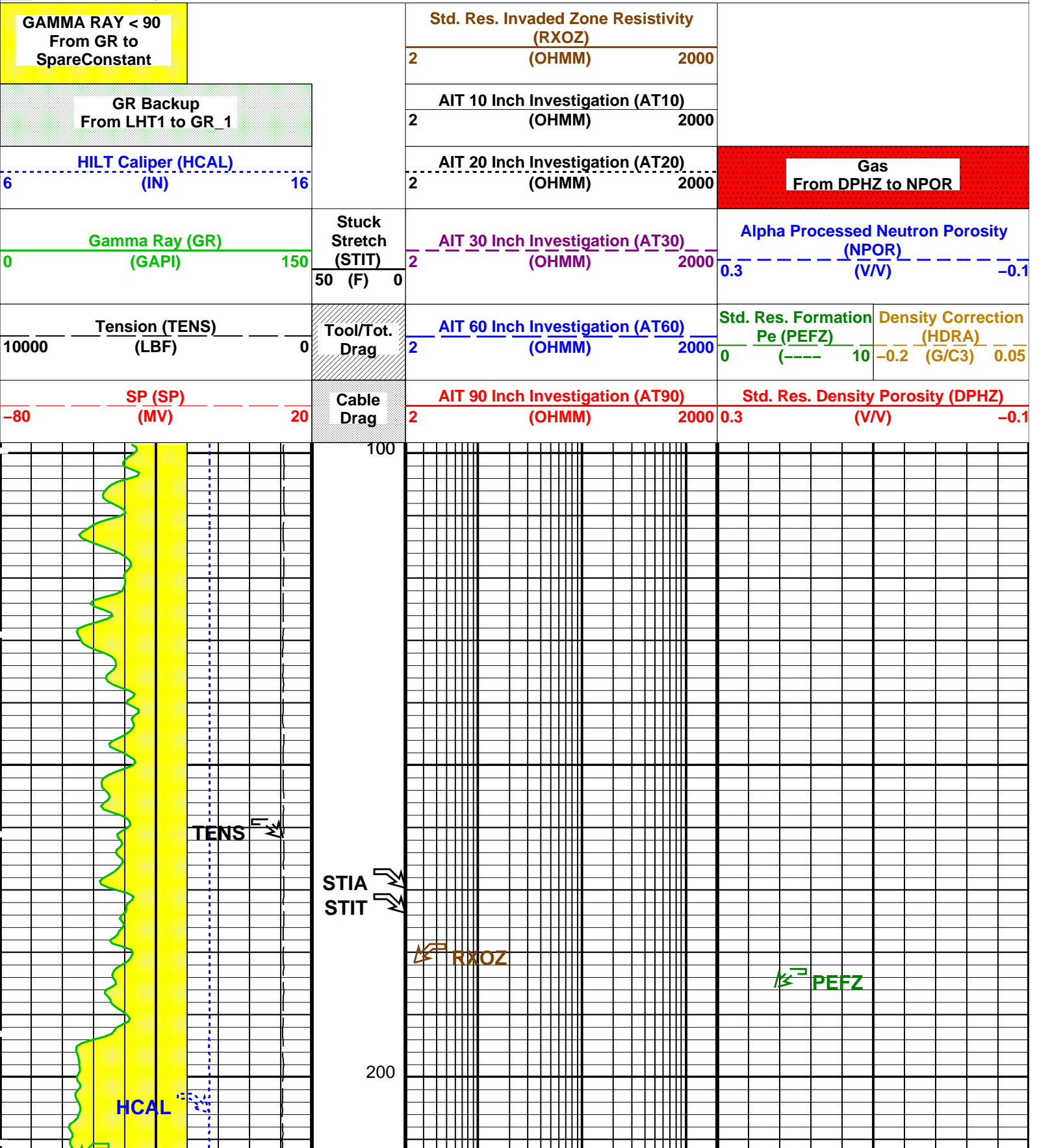
OP System Version: 18C0-147

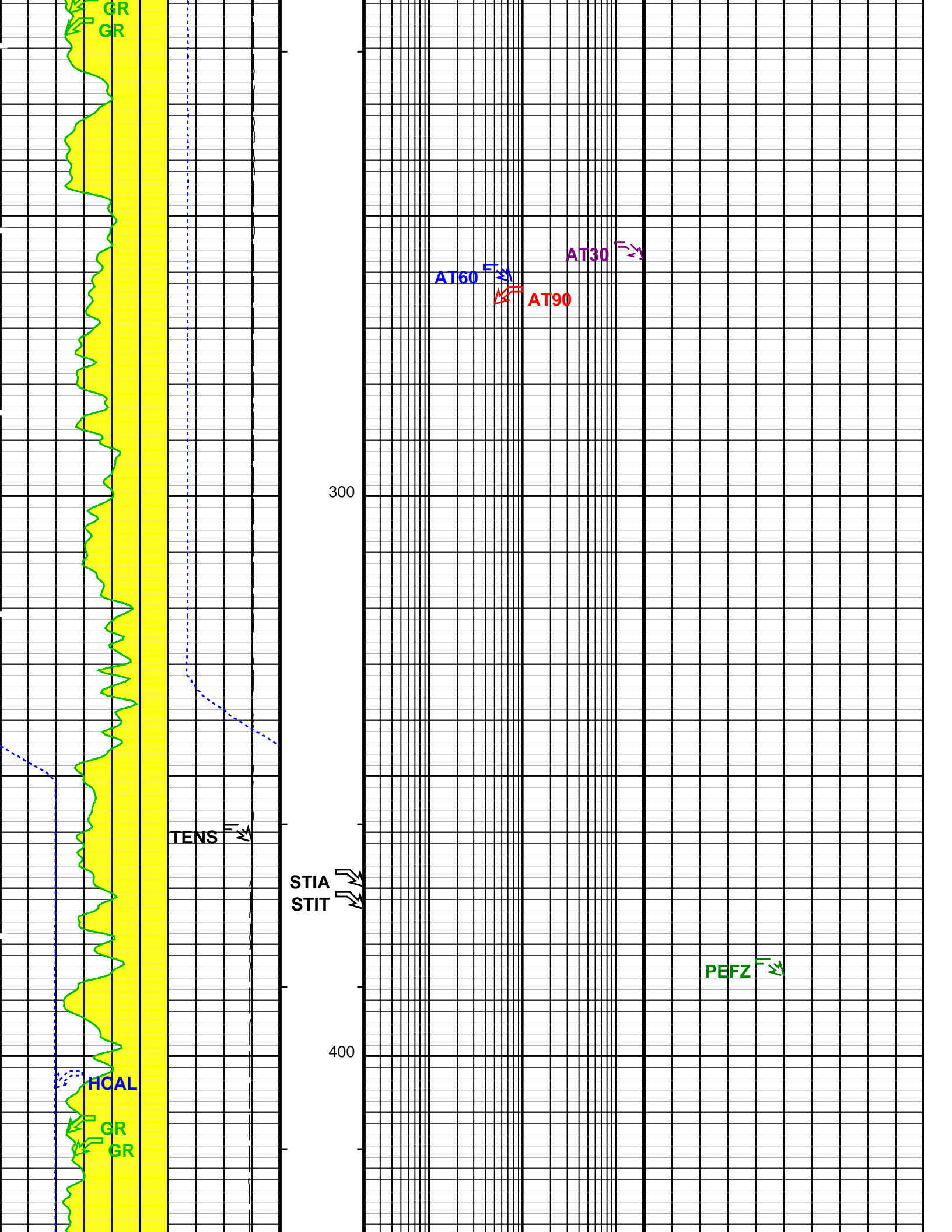
AIT-M	18C0-147	HILTH-FTB	18C0-147
DTC-H	18C0-147		

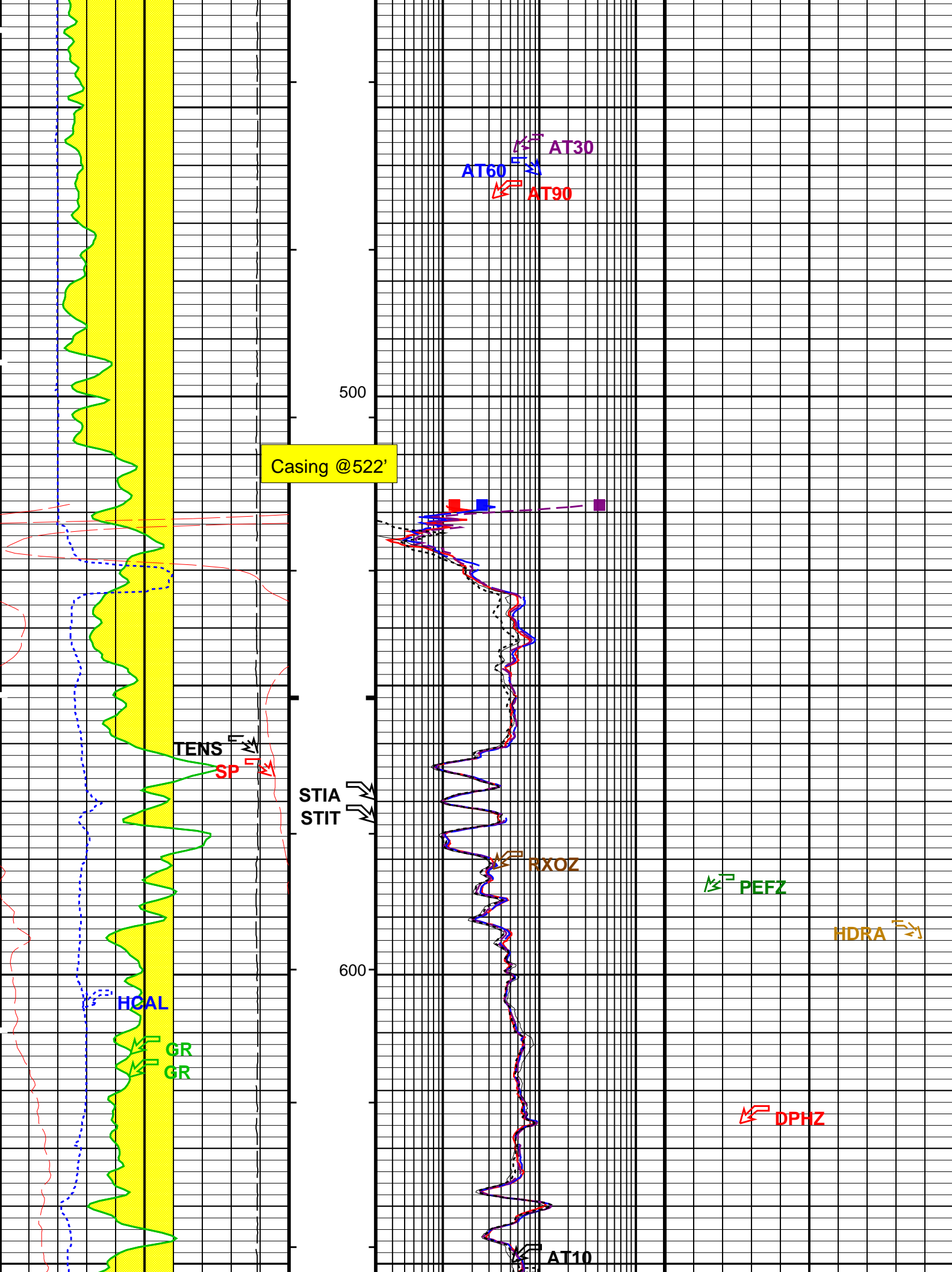
PIP SUMMARY

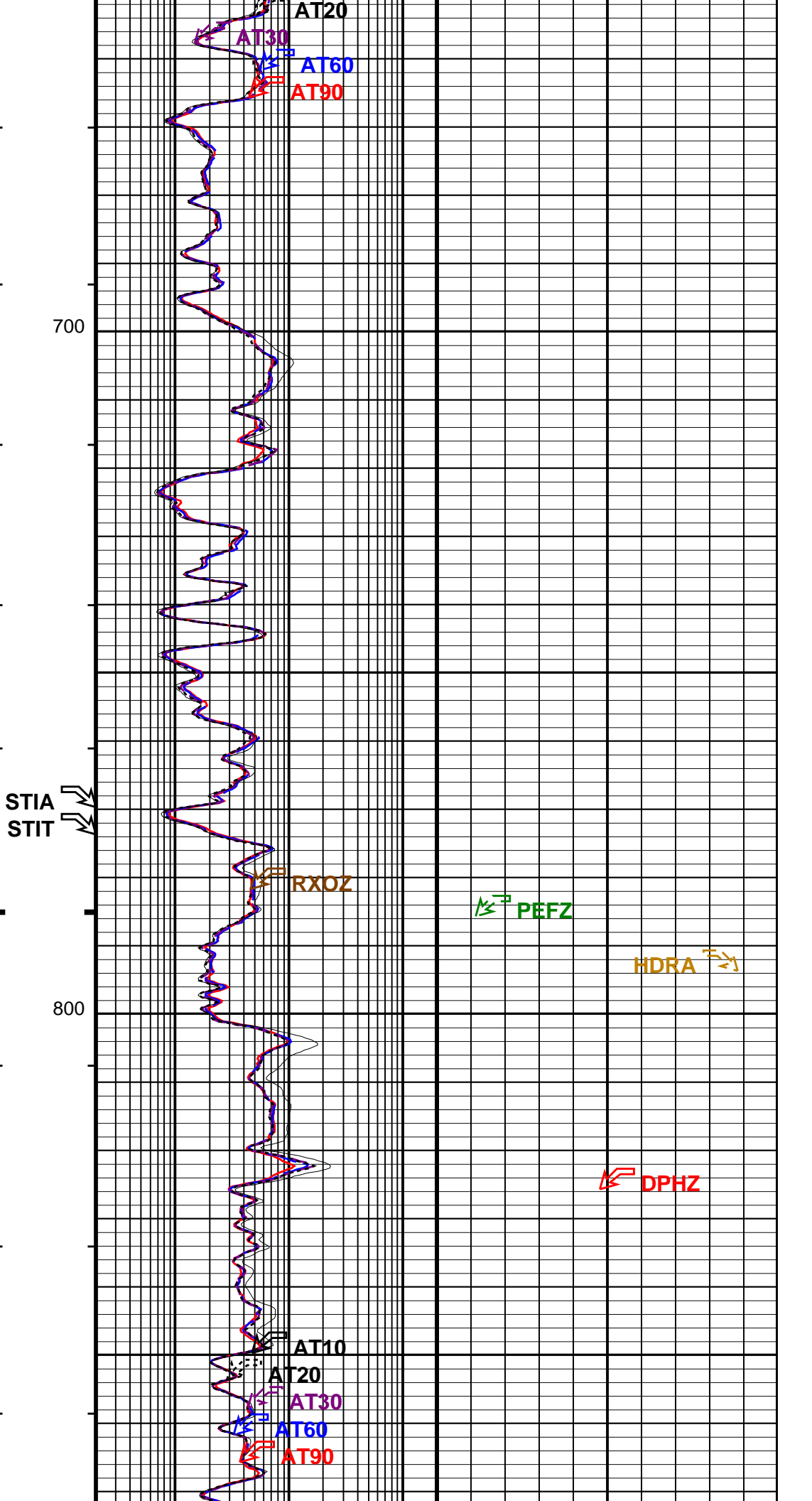
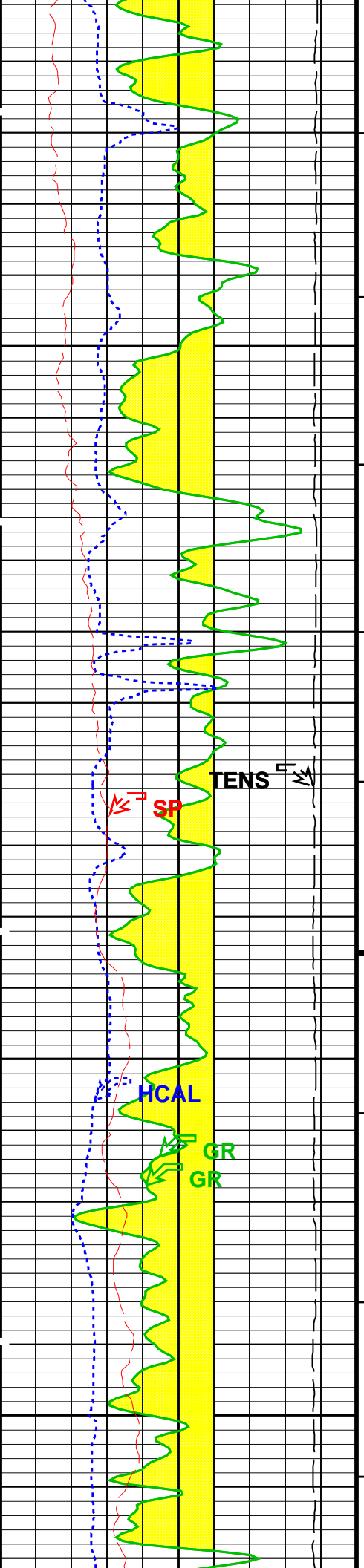
- Integrated Hole Volume Minor Pip Every 10 F3
- Integrated Hole Volume Major Pip Every 100 F3
 - Integrated Cement Volume Minor Pip Every 10 F3
 - Integrated Cement Volume Major Pip Every 100 F3

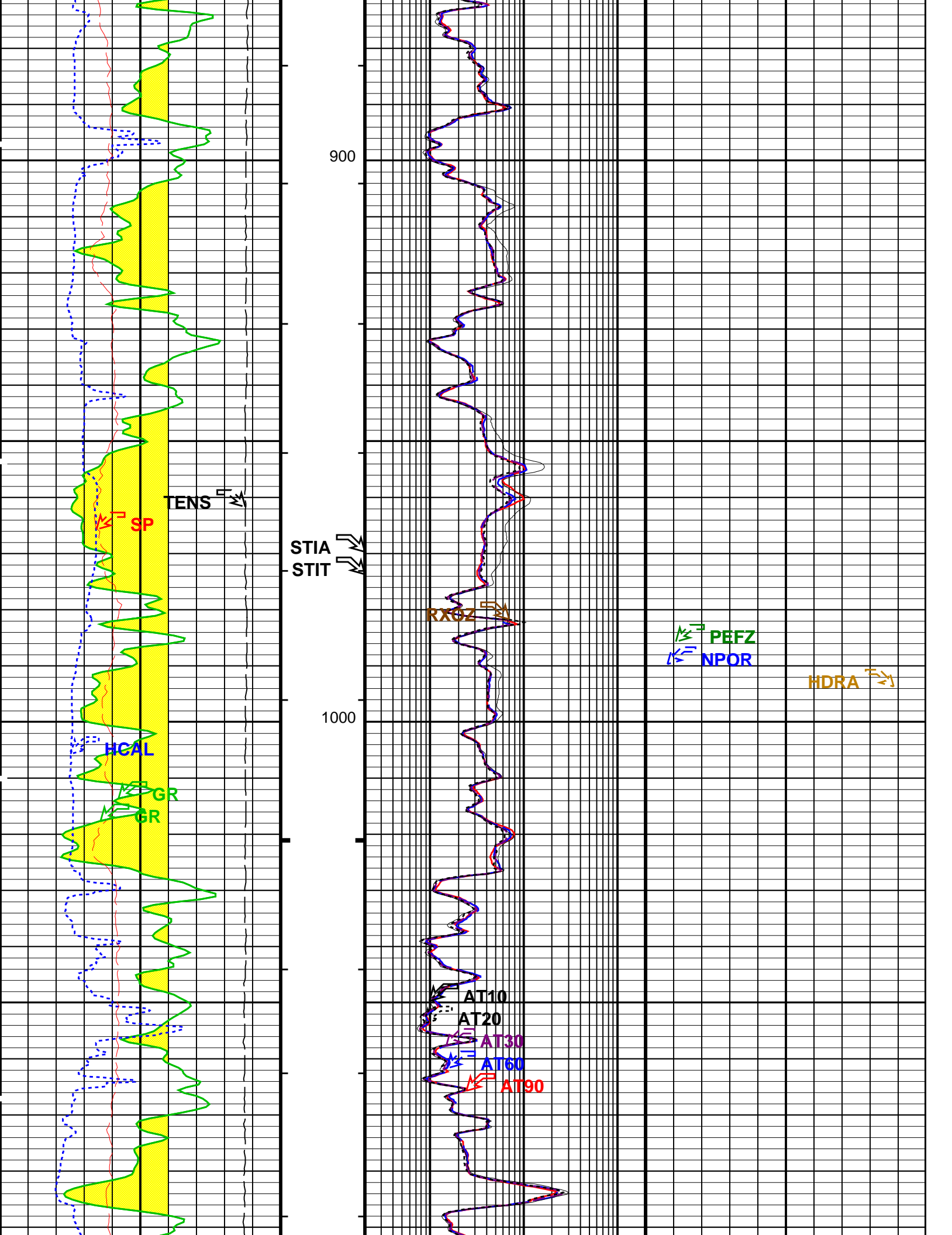
Time Mark Every 60 S

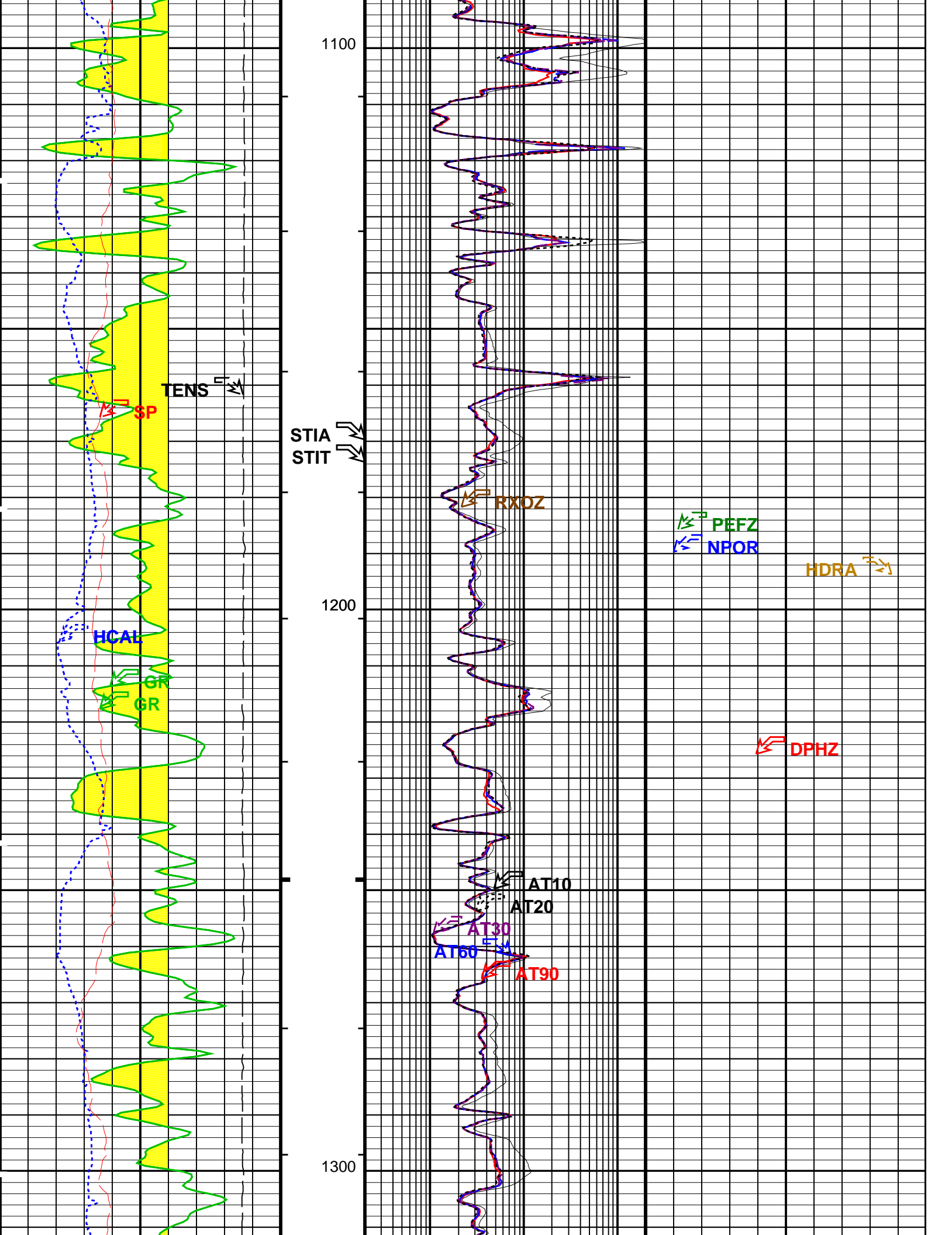


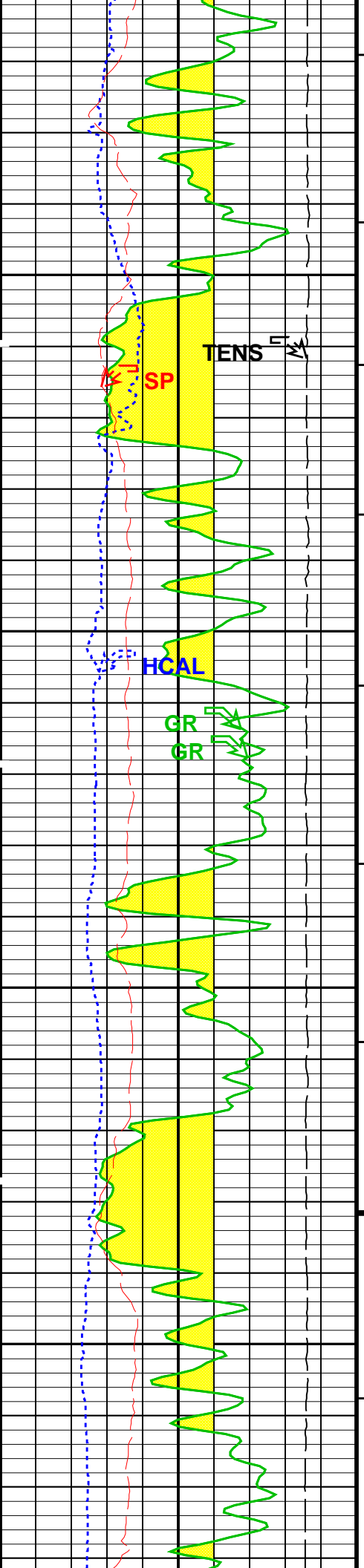








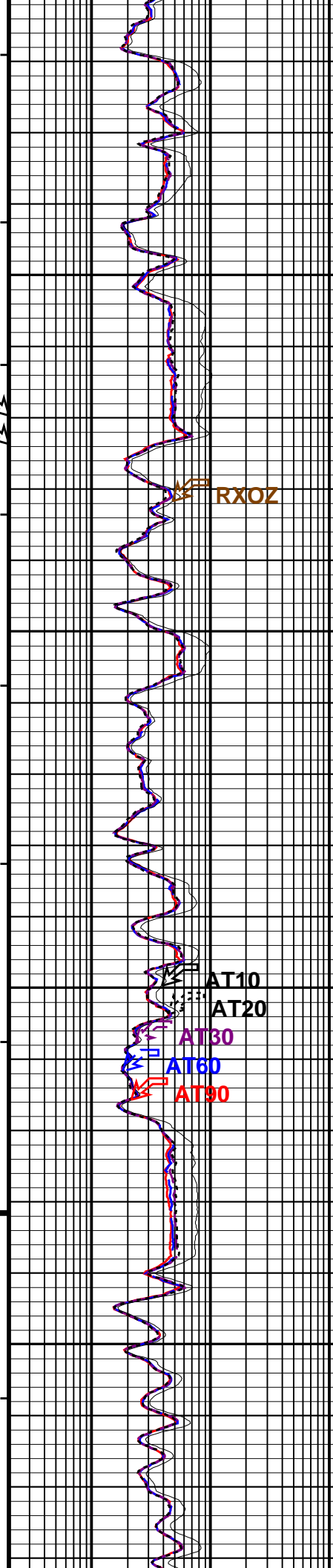


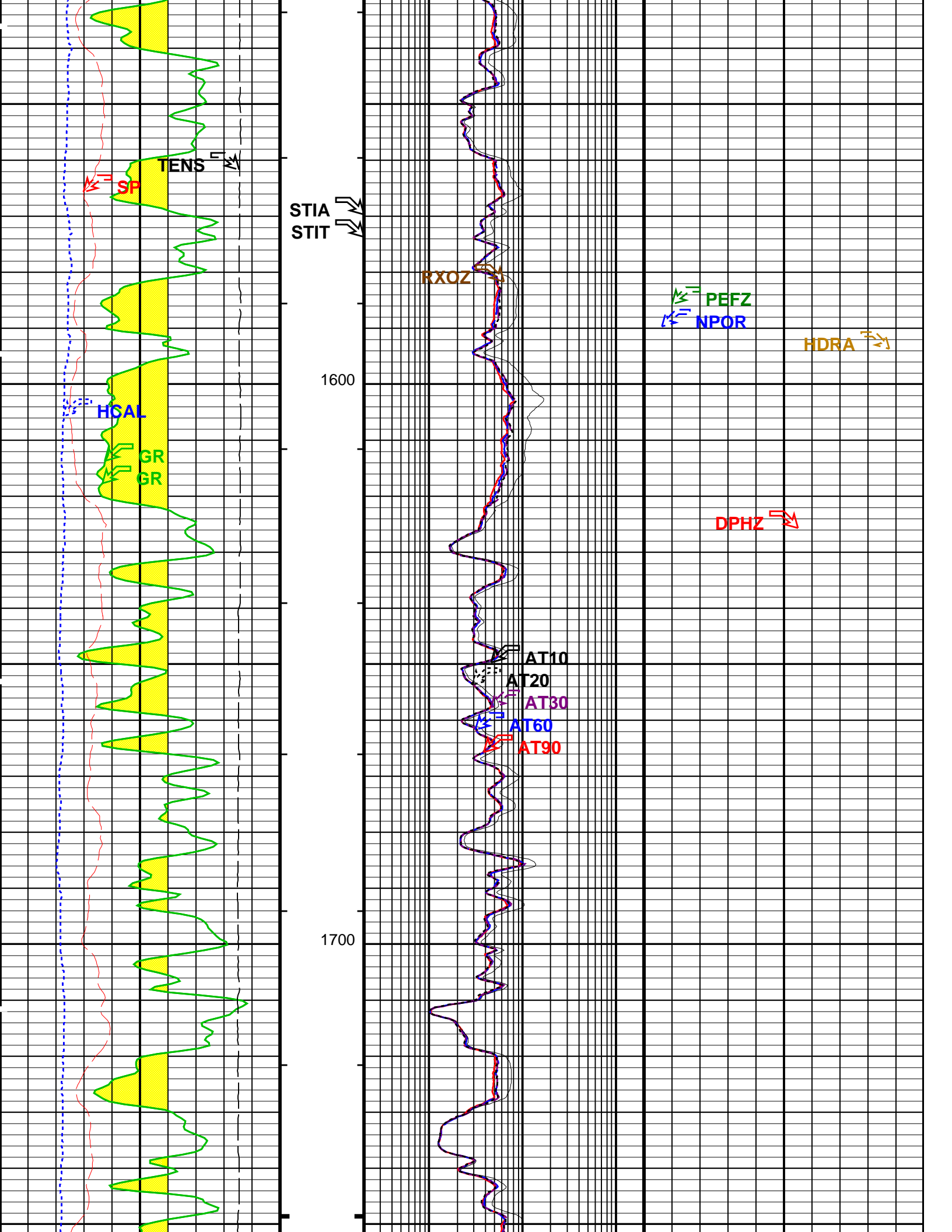


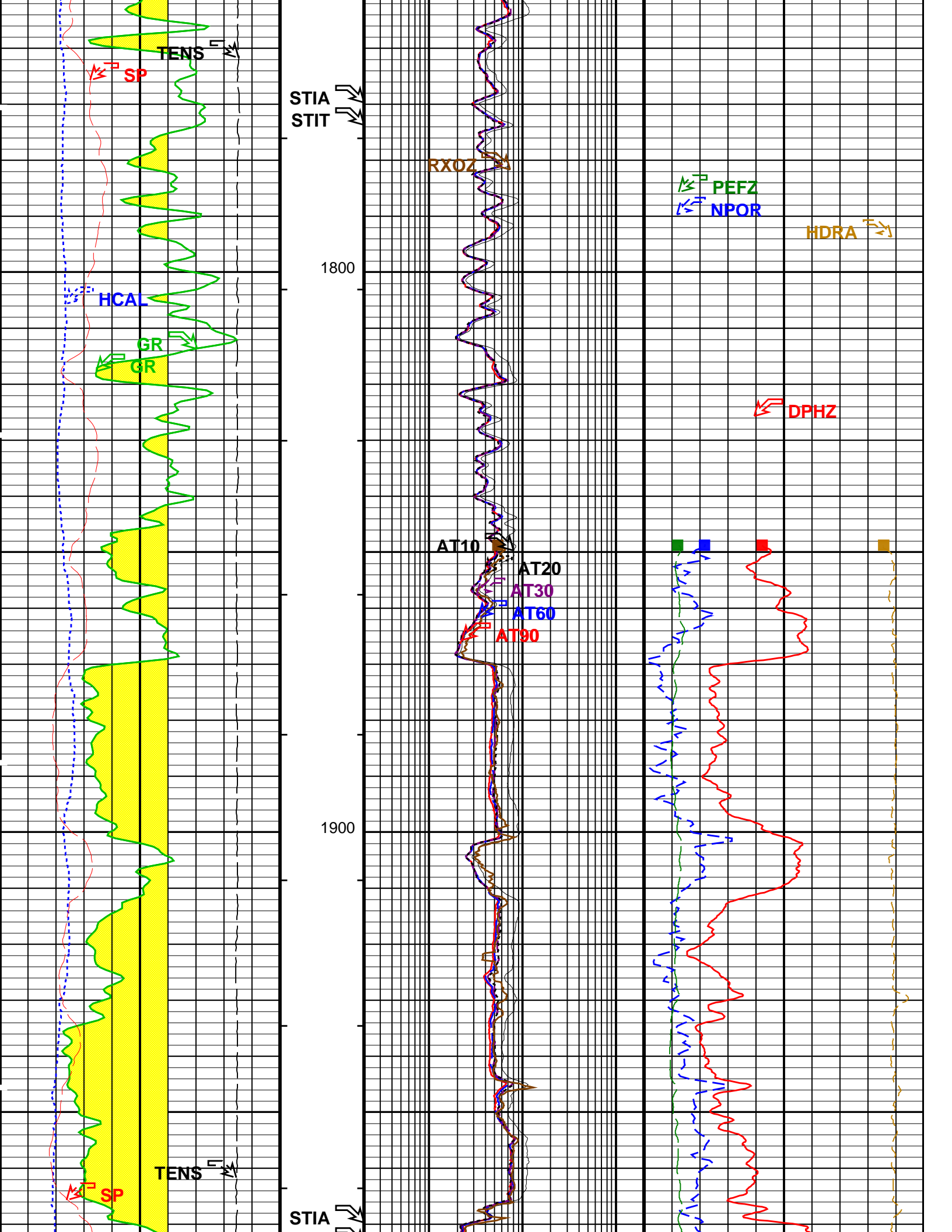
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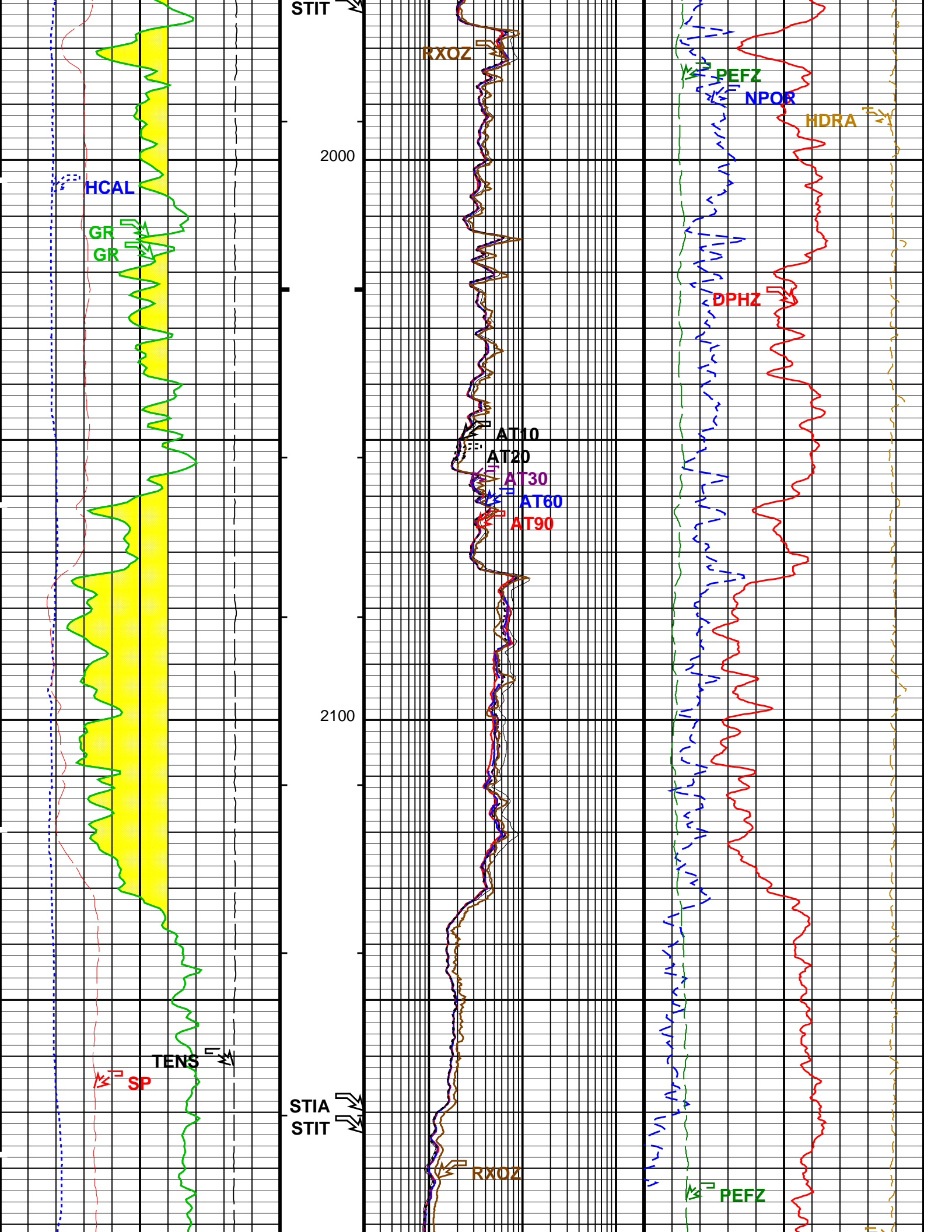
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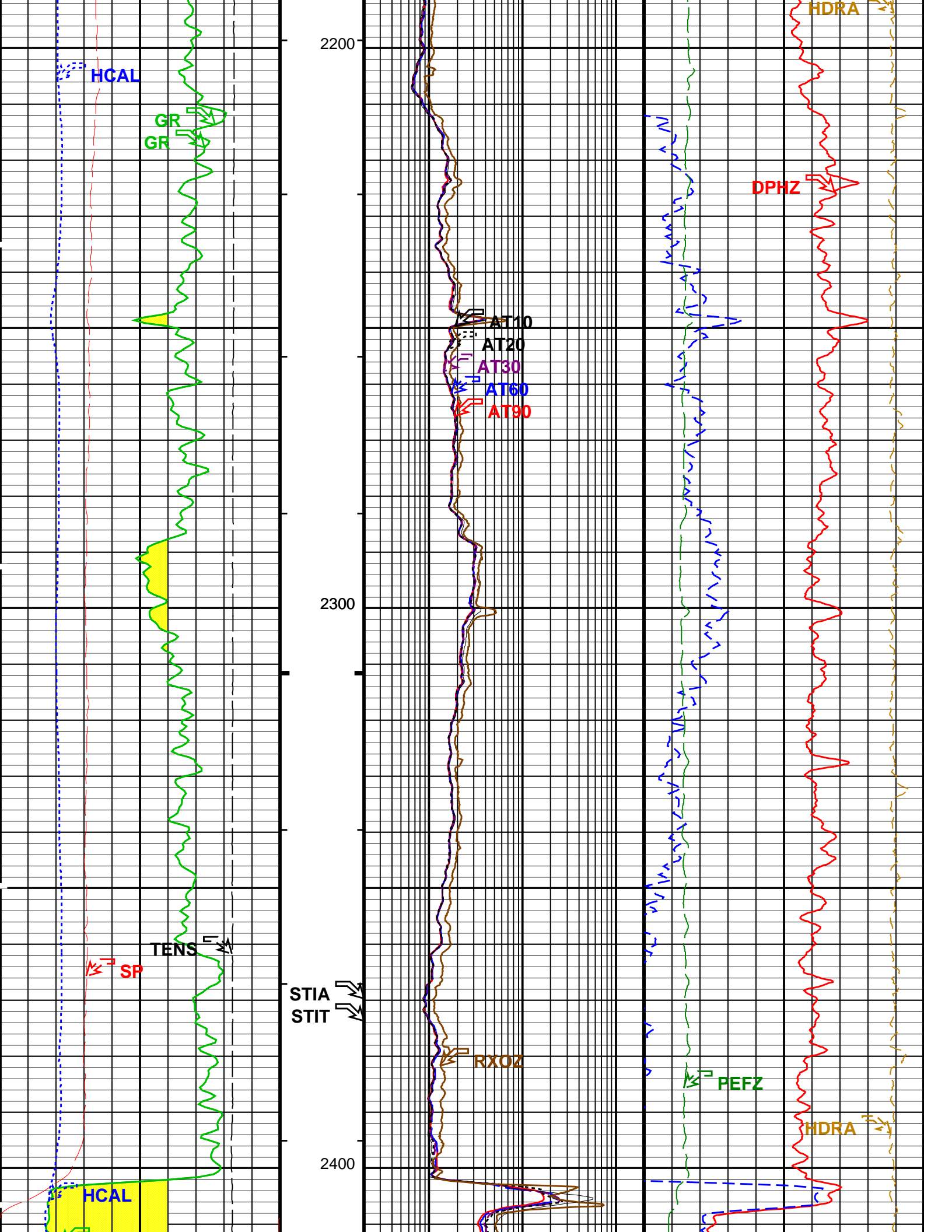
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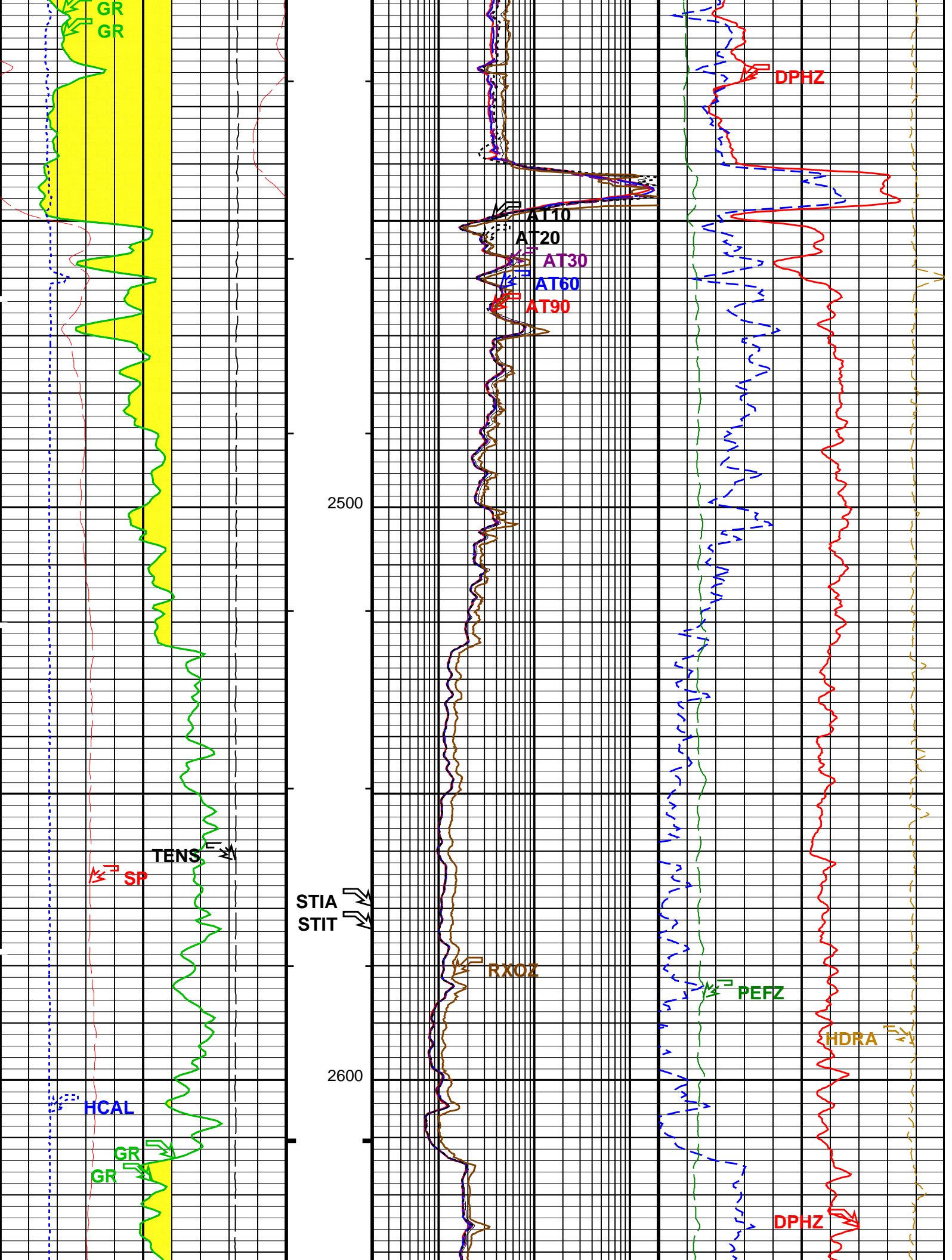


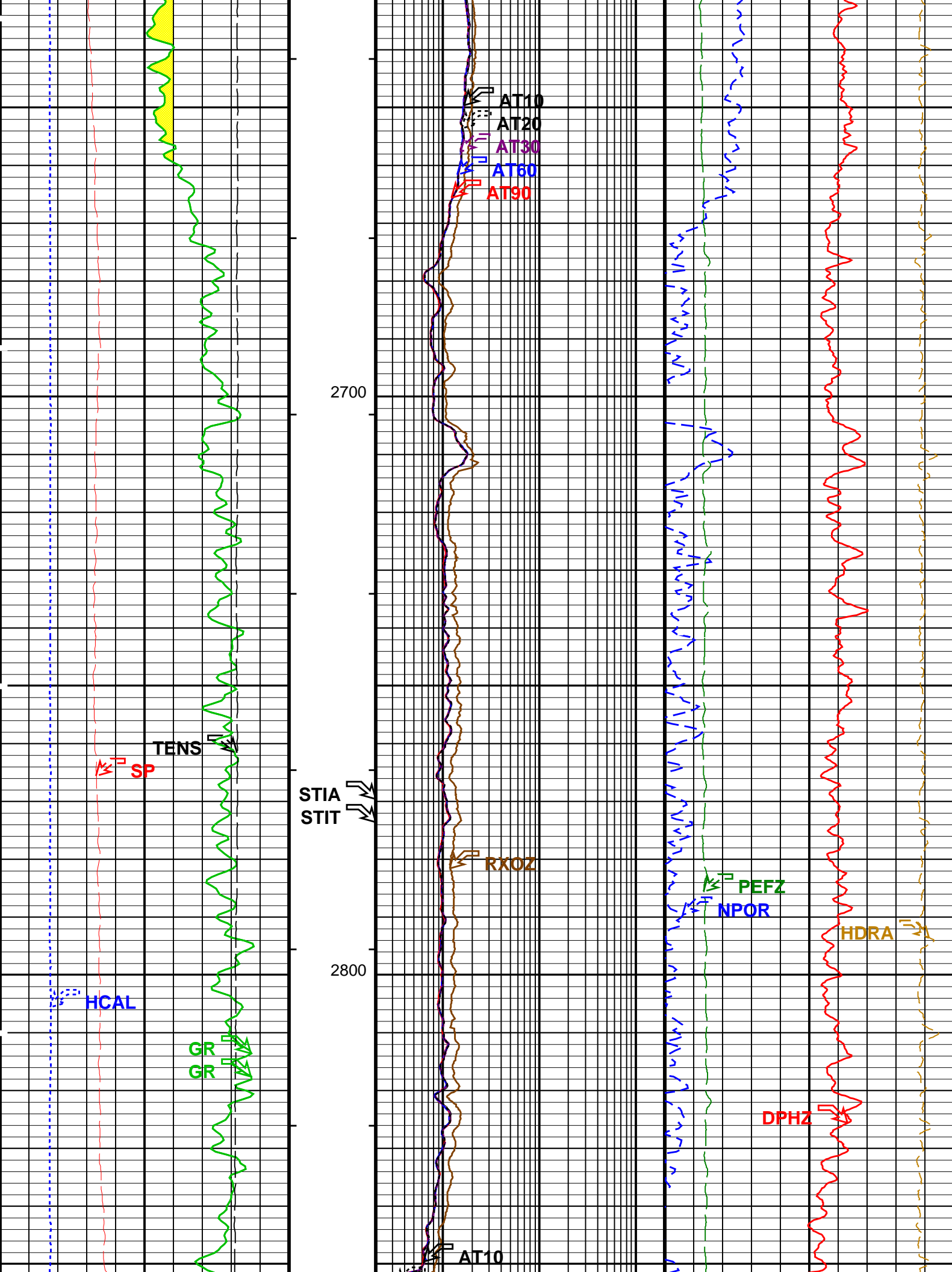


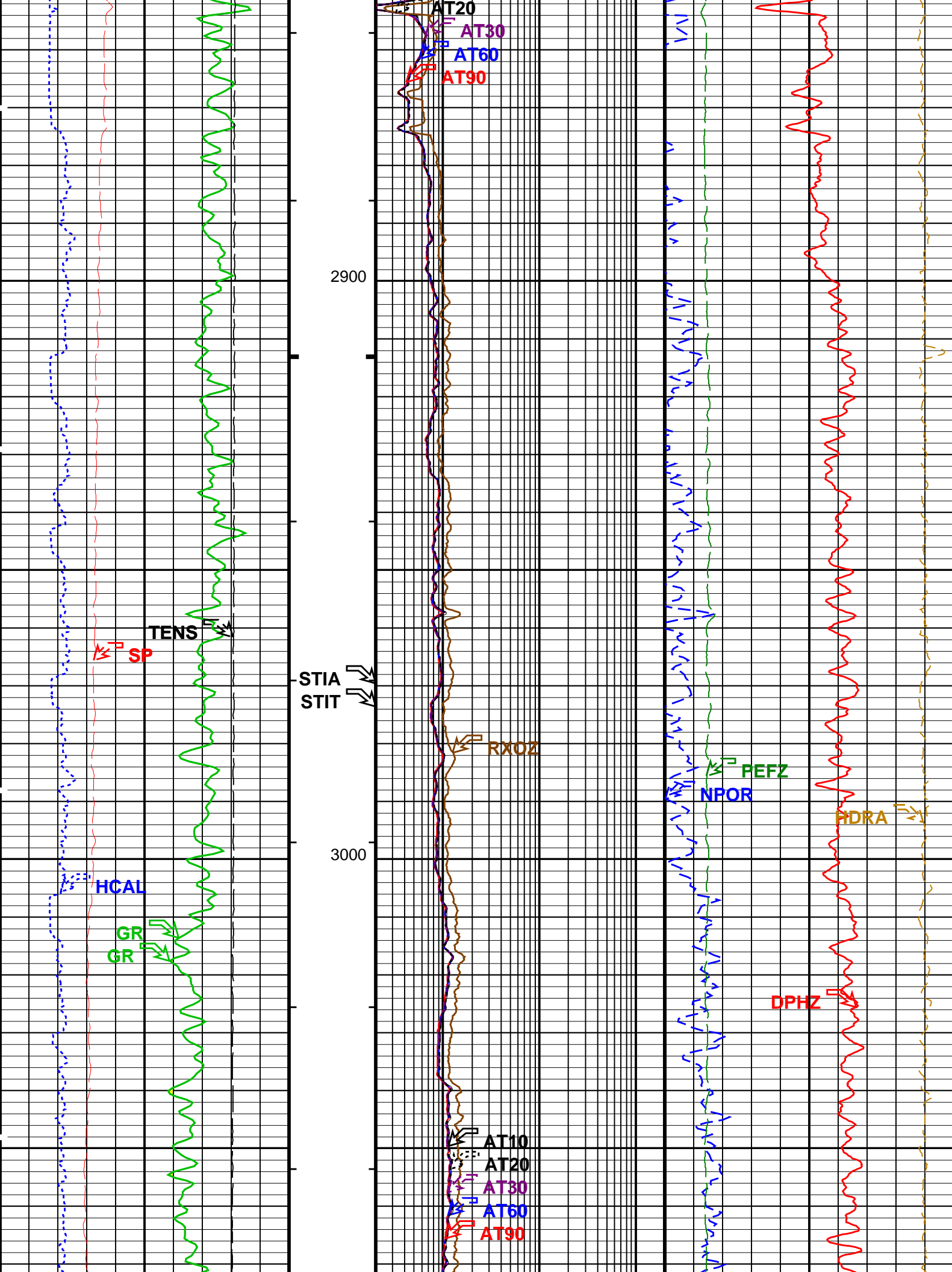


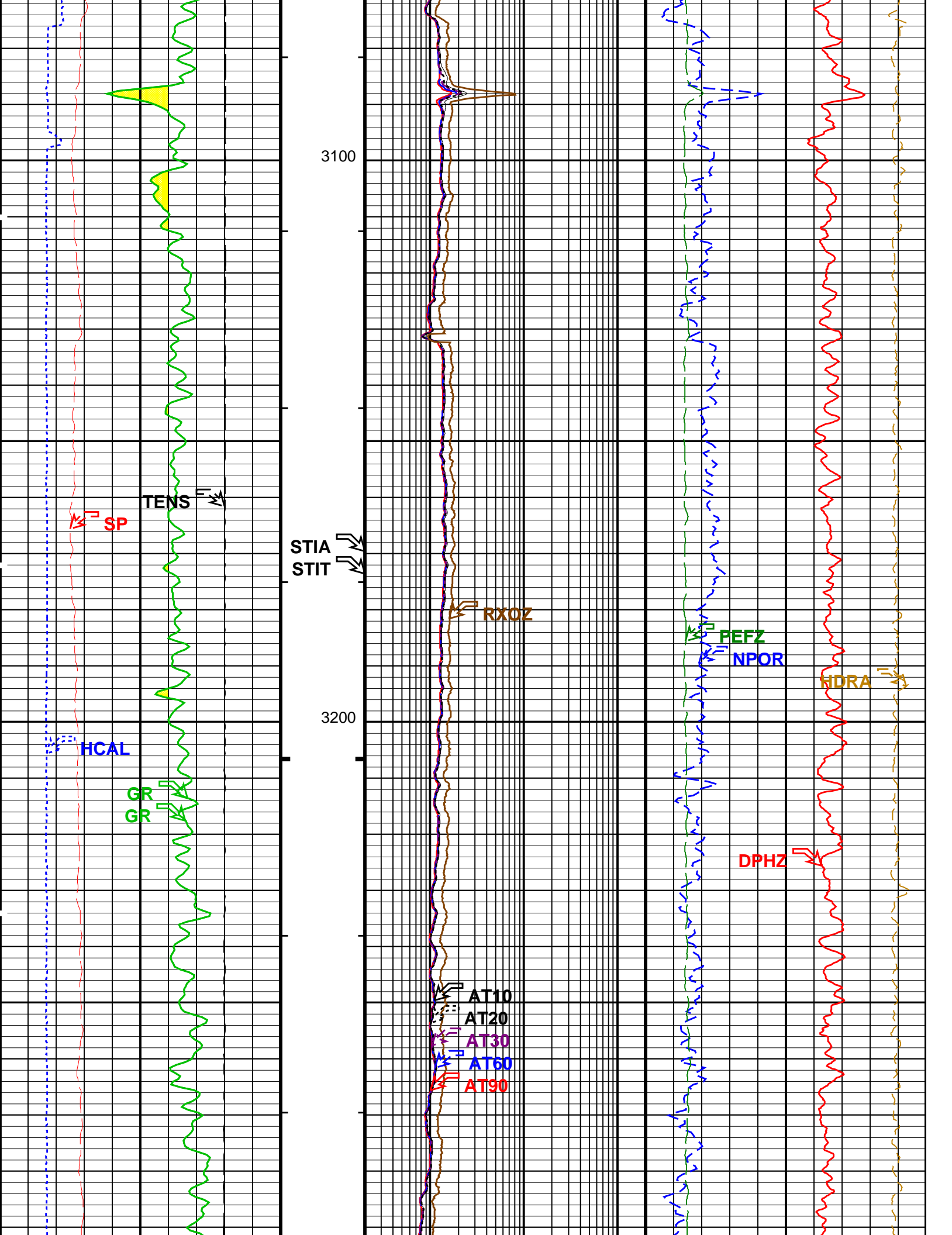


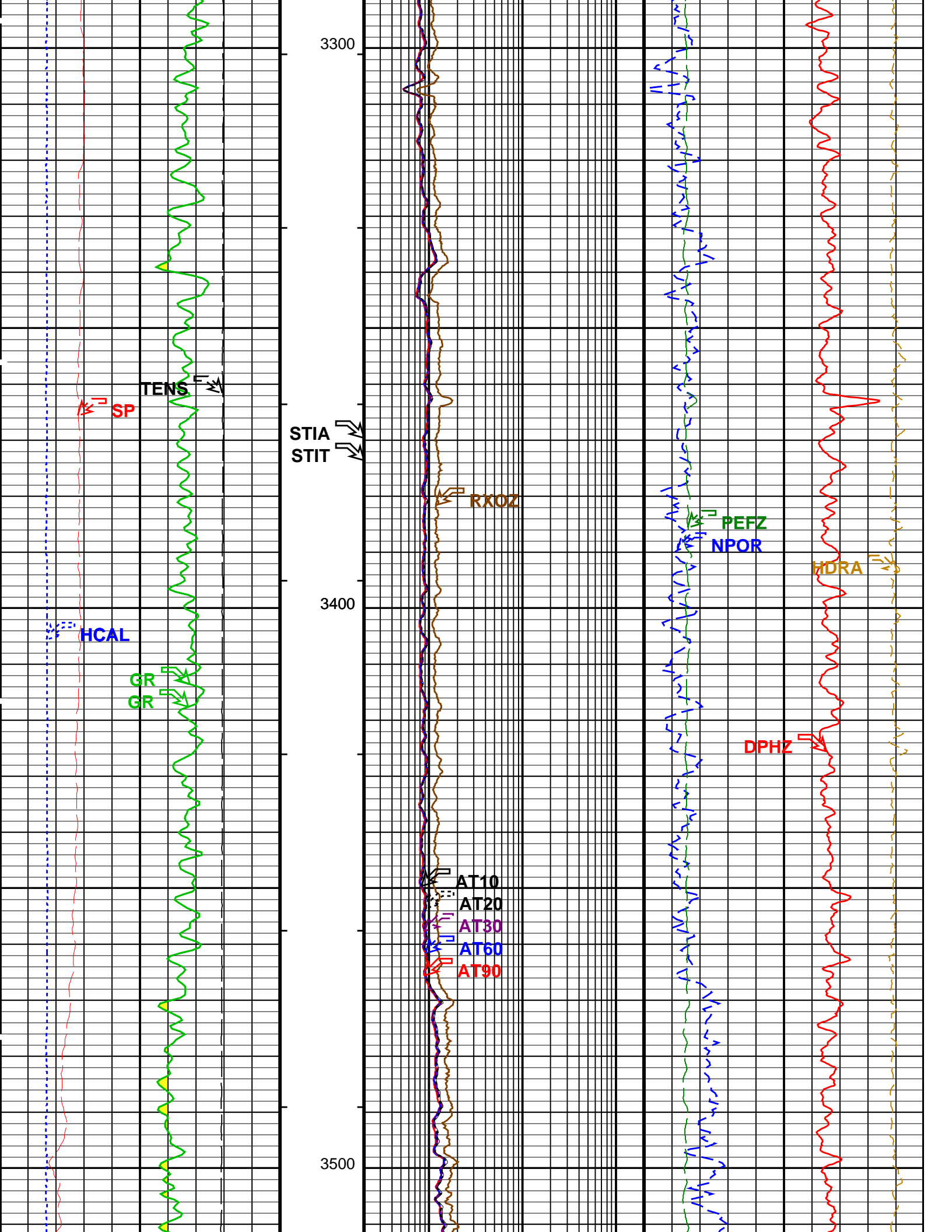


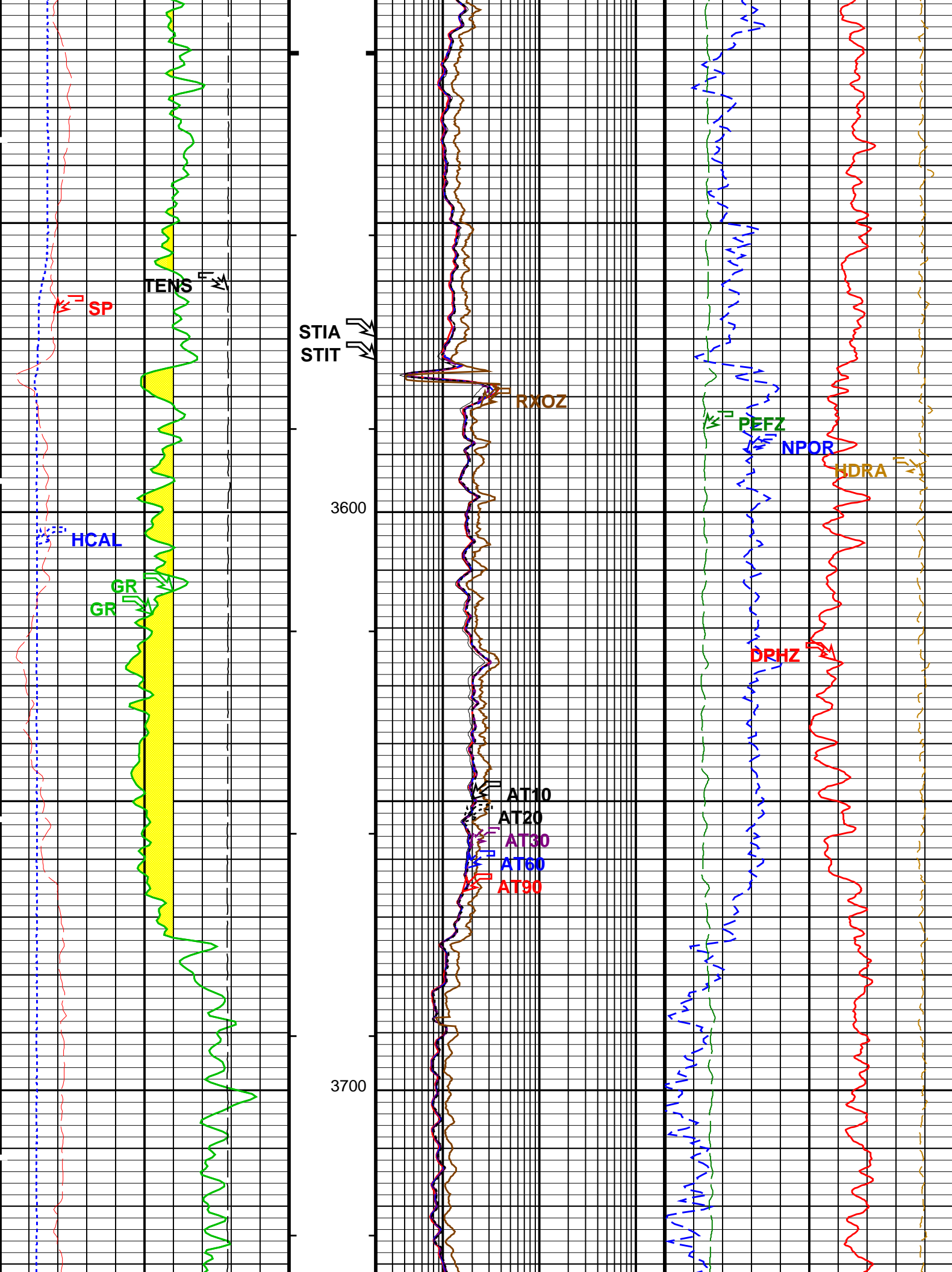


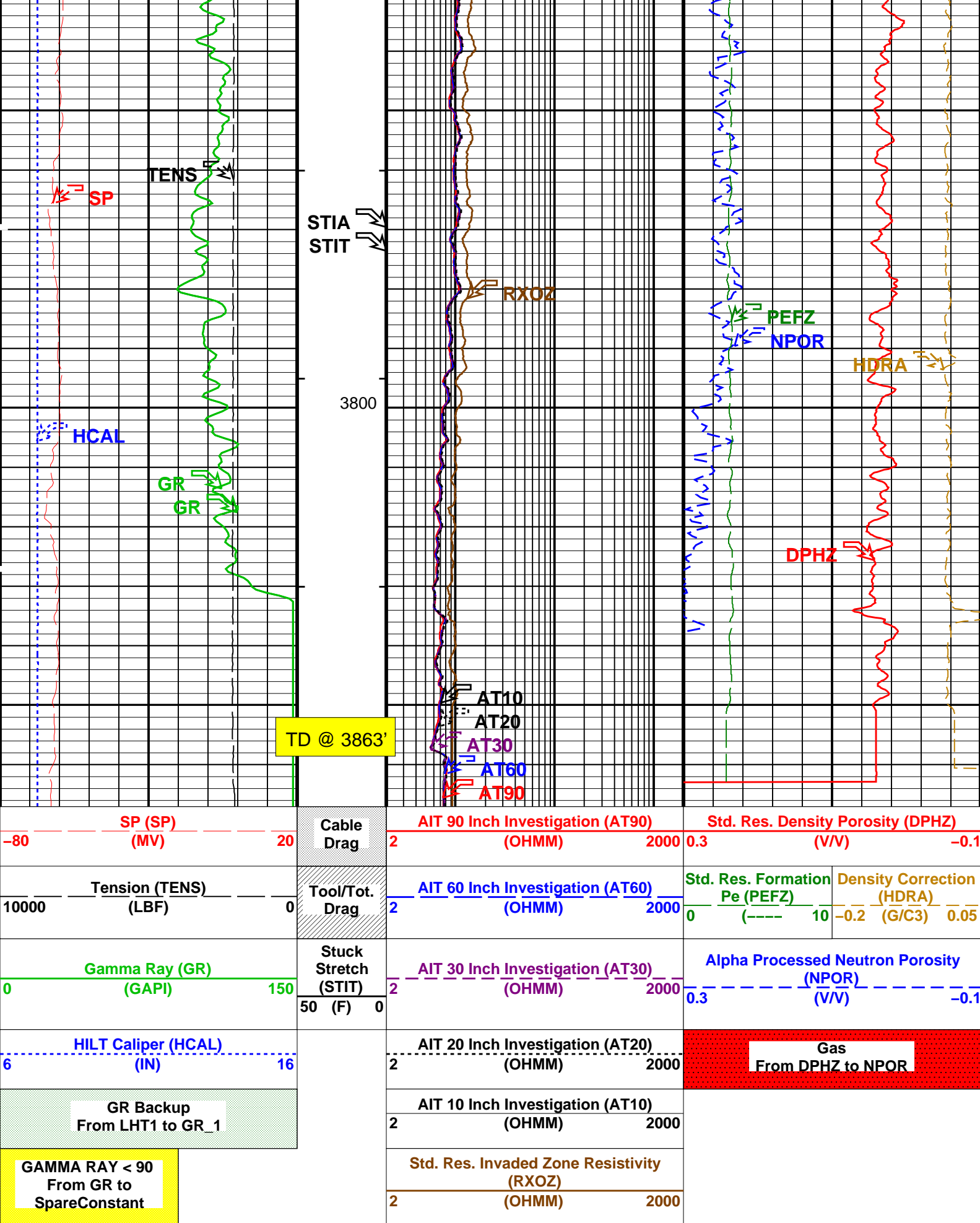












PIP SUMMARY

- └ Integrated Hole Volume Minor Pip Every 10 F3
- ┐ Integrated Hole Volume Major Pip Every 100 F3
- └ Integrated Cement Volume Minor Pip Every 10 F3

Parameters		
DLIS Name	Description	Value
AIT-M: Array Induction Tool – M		
ABHM	Array Induction Borehole Correction Mode	2_ComputeStandoff
ABHV	Array Induction Borehole Correction Code Version Number	900
ABLM	Array Induction Basic Logs Mode	6_One_Two_and_Four
ABLV	Array Induction Basic Logs Code Version Number	223
ACDE	Array Induction Casing Detection Enable	No
ACEN	Array Induction Tool Centering Flag (in Borehole)	Centered
ACSED	Array Induction Casing Shoe Estimated Depth	-50000
AETP	Array Induction Enable Sonde Error Temp&Pres Corr	Yes
AFRSV	Array Induction Response Set Version for Four ft Resolution	41.70.24.20
AIGS	Array Induction Select Akima Interpolation Gating	On
AMRF	Array Induction Mud Resistivity Factor	1
AORSV	Array Induction Response Set Version for One ft Resolution	41.70.24.20
ARFV	Array Induction Radial Profiling Code Version Number	701
ARPV	Array Induction Radial Parametrization Code Version Number	232
ASTA	Array Induction Tool Standoff	1
ATRSV	Array Induction Response Set Version for Two ft Resolution	41.70.24.20
ATSE	Array Induction Temperature Selection(Sonde Error Correction)	Internal
AULV	Array Induction User Level Control	Normal
AZRSV	Array Induction Response Set Version for Z Resolution	00.10.25.00
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	212
FEXP	Form Factor Exponent	2
FNUM	Form Factor Numerator	1
GCSE	Generalized Caliper Selection	HCAL
GDEV	Average Angular Deviation of Borehole from Normal	0
GGRD	Geothermal Gradient	0.01
GRSE	Generalized Mud Resistivity Selection	AITM_RESIST
GTSE	Generalized Temperature Selection	HSTS_HTEM
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE
SHT	Surface Hole Temperature	68
SPNV	SP Next Value	0
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)	212
BSCO	Borehole Salinity Correction Option	NO
CCCO	Casing & Cement Thickness Correction Option	NO
DHC	Density Hole Correction	BS
FD	Fluid Density	1
FEXP	Form Factor Exponent	2
FNUM	Form Factor Numerator	1
FSAL	Formation Salinity	-50000
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
GGRD	Geothermal Gradient	0.01
GRSE	Generalized Mud Resistivity Selection	AITM_RESIST
GTSE	Generalized Temperature Selection	HSTS_HTEM
HSCO	Hole Size Correction Option	YES
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE
MCCO	Mud Cake Correction Option	NO
MCOR	Mud Correction	NATU
MDEN	Matrix Density	2.65
MPOF	MCFL Processing Operation Mode	ON
MWCO	Mud Weight Correction Option	NO
NAAC	HRDD APS Activation Correction	OFF
NMT	HILT Nuclear Mud Type	NOBARITE
NPRM	HRDD Processing Mode	HiRes
NSAR	HRDD Depth Sampling Rate	1
PTCO	Pressure/Temperature Correction Option	NO
SDAT	Standoff Data Source	SOCN
SHT	Surface Hole Temperature	68
SOCN	Standoff Distance	0.125
SOCO	Standoff Correction Option	NO
HOLEV: Integrated Hole/Cement Volume		
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	212
FCD	Future Casing (Outer) Diameter	0
GCSE	Generalized Caliper Selection	HCAL
GDEV	Average Angular Deviation of Borehole from Normal	0
GGRD	Geothermal Gradient	0.01
GRSE	Generalized Mud Resistivity Selection	AITM_RESIST
GTSE	Generalized Temperature Selection	HSTS_HTEM
HVCS	Integrated Hole Volume Caliper Selection	AUTOMATIC

IVCS	Integrated Hole Volume Caliper Selection	AUTOMATIC	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
SHT	Surface Hole Temperature	68	DEGF
STI: Stuck Tool Indicator			
LBFR	Trigger for MAXIS First Reading Label	STI	
STKT	STI Stuck Threshold	2.5	FT
TDD	Total Depth – Driller	3865.00	FT
TDL	Total Depth – Logger	3863.00	FT
System and Miscellaneous			
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	600.00	PPM
CSIZ	Current Casing Size	8.625	IN
CWEI	Casing Weight	24.00	LB/F
DFD	Drilling Fluid Density	9.20	LB/G
DO	Depth Offset for Playback	2.0	FT
FLEV	Fluid Level	-50000.00	FT
MST	Mud Sample Temperature	77.70	DEGF
PP	Playback Processing	NORMAL	
RMFS	Resistivity of Mud Filtrate Sample	4.0100	OHMM
TD	Total Depth	3865	FT

Format: TCOMBO_AIT Vertical Scale: 5" per 100' Graphics File Created: 17-Jun-2011 14:50

OP System Version: 18C0-147

AIT-M	18C0-147	HILTH-FTB	18C0-147
DTC-H	18C0-147		

Input DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_019LUP	FN:33	PRODUCER	17-Jun-2011 12:53	3865.5 FT	13.5 FT
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Output DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_202PUP	FN:42	PRODUCER	17-Jun-2011 14:50
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Schlumberger

REPEAT ANALYSIS

MAXIS Field Log

Company: DEJOUR ENERGY CORPORATION Well: FEDERAL 36-24A

Input DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_019LUP	FN:33	PRODUCER	17-Jun-2011 12:53	3865.5 FT	13.5 FT
DEFAULT	AIT_TLD_MCFL_CNL_103PUP	FN:39	PRODUCER	17-Jun-2011 14:36	3802.0 FT	3498.0 FT

Output DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_201PUP	FN:40	PRODUCER	17-Jun-2011 14:39
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OP System Version: 18C0-147

AIT-M	18C0-147	HILTH-FTB	18C0-147
DTC-H	18C0-147		

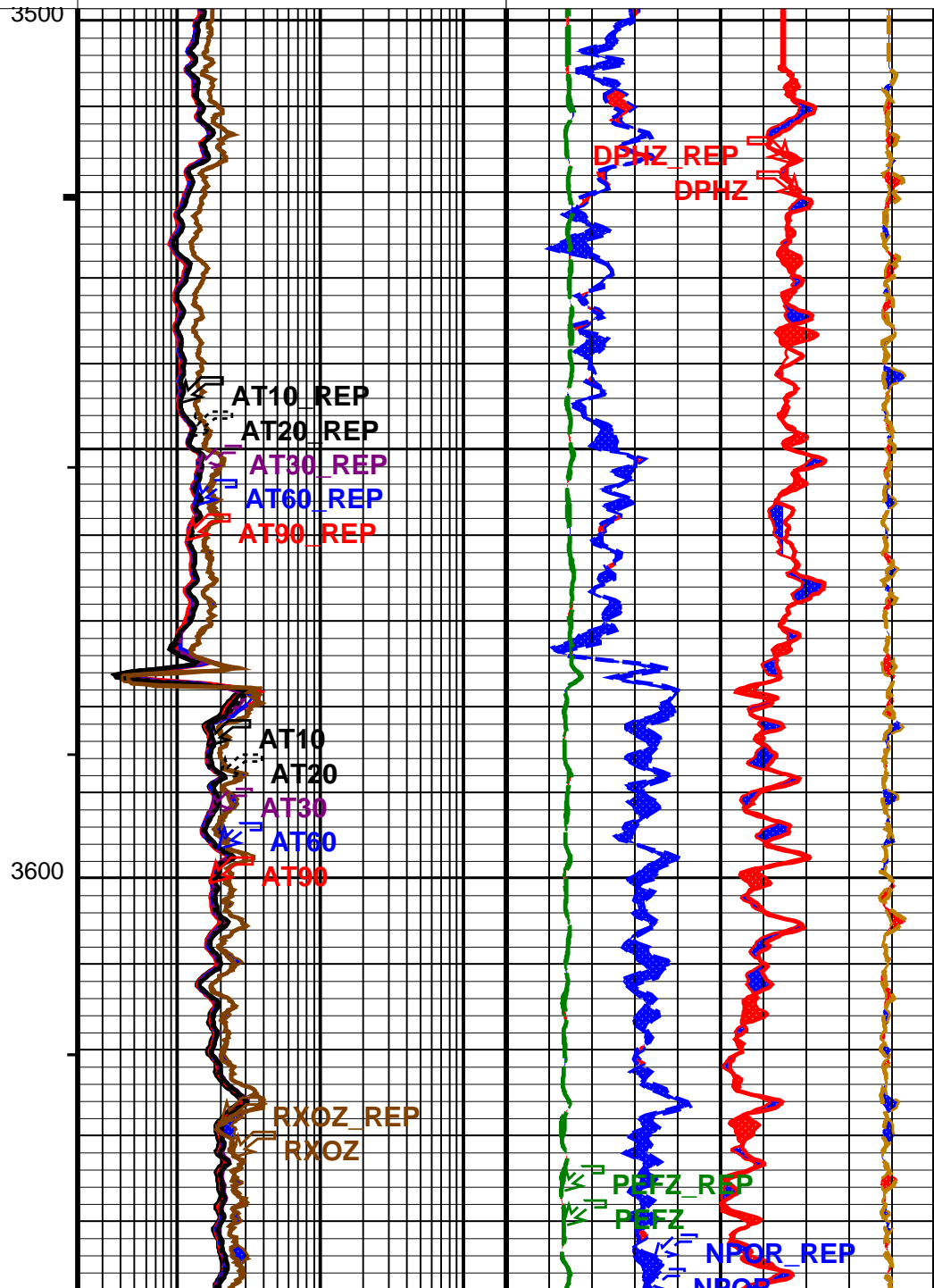
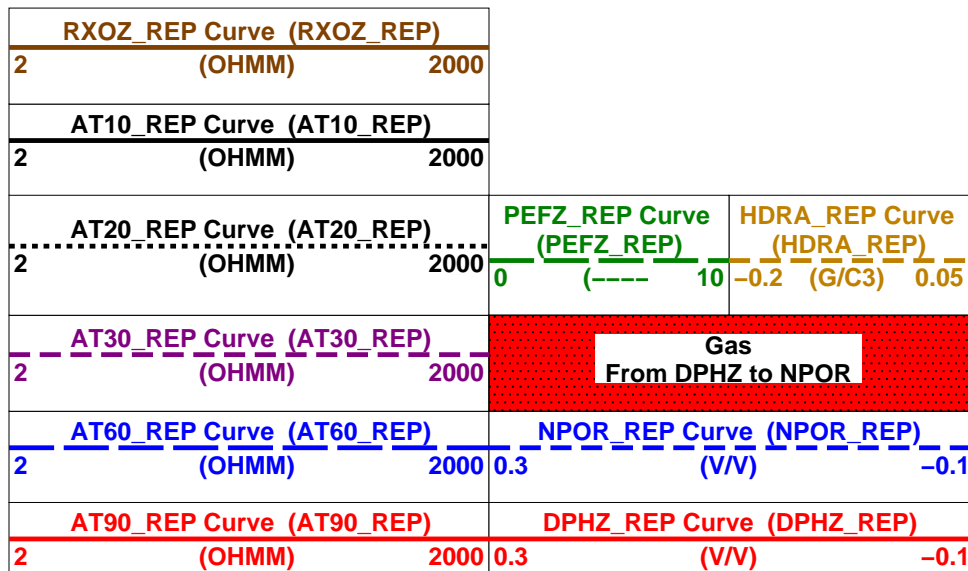
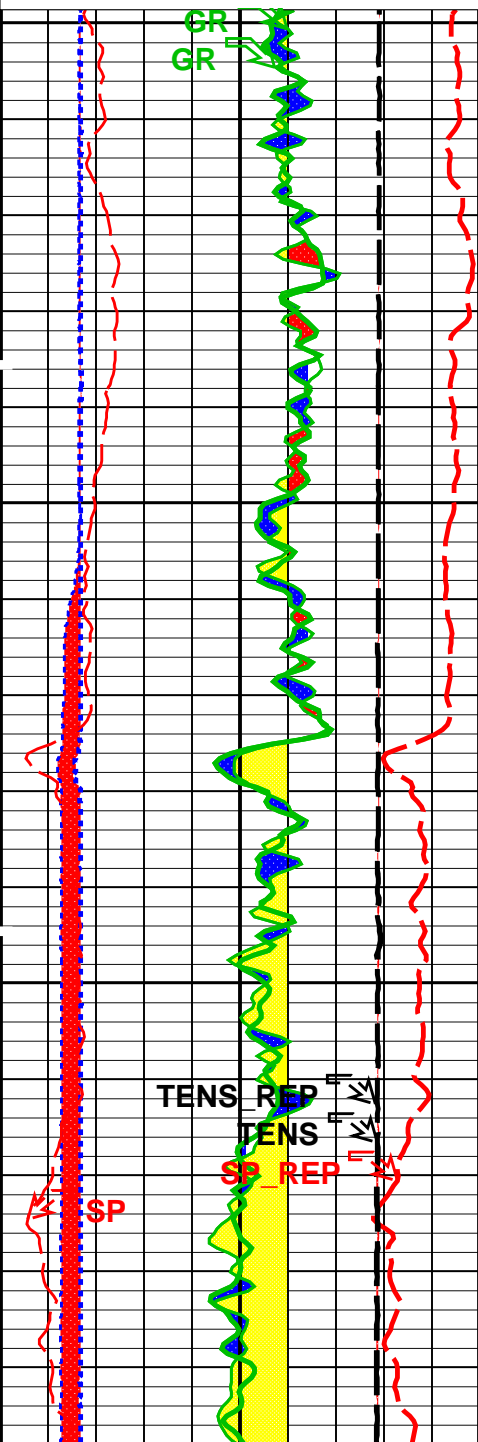
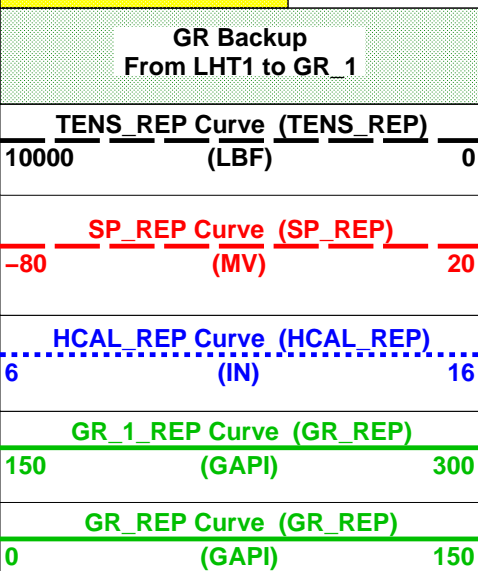
PIP SUMMARY

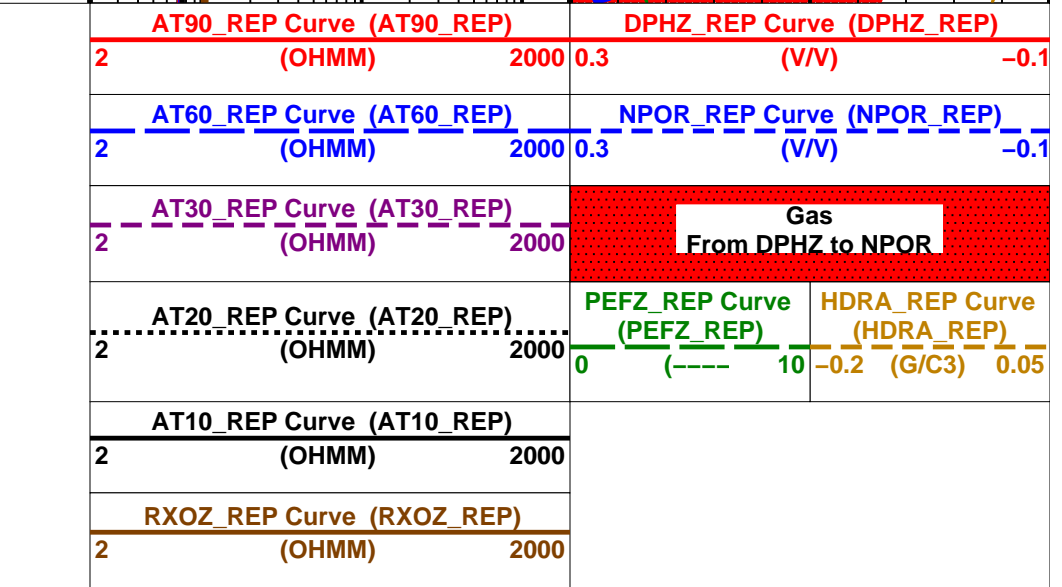
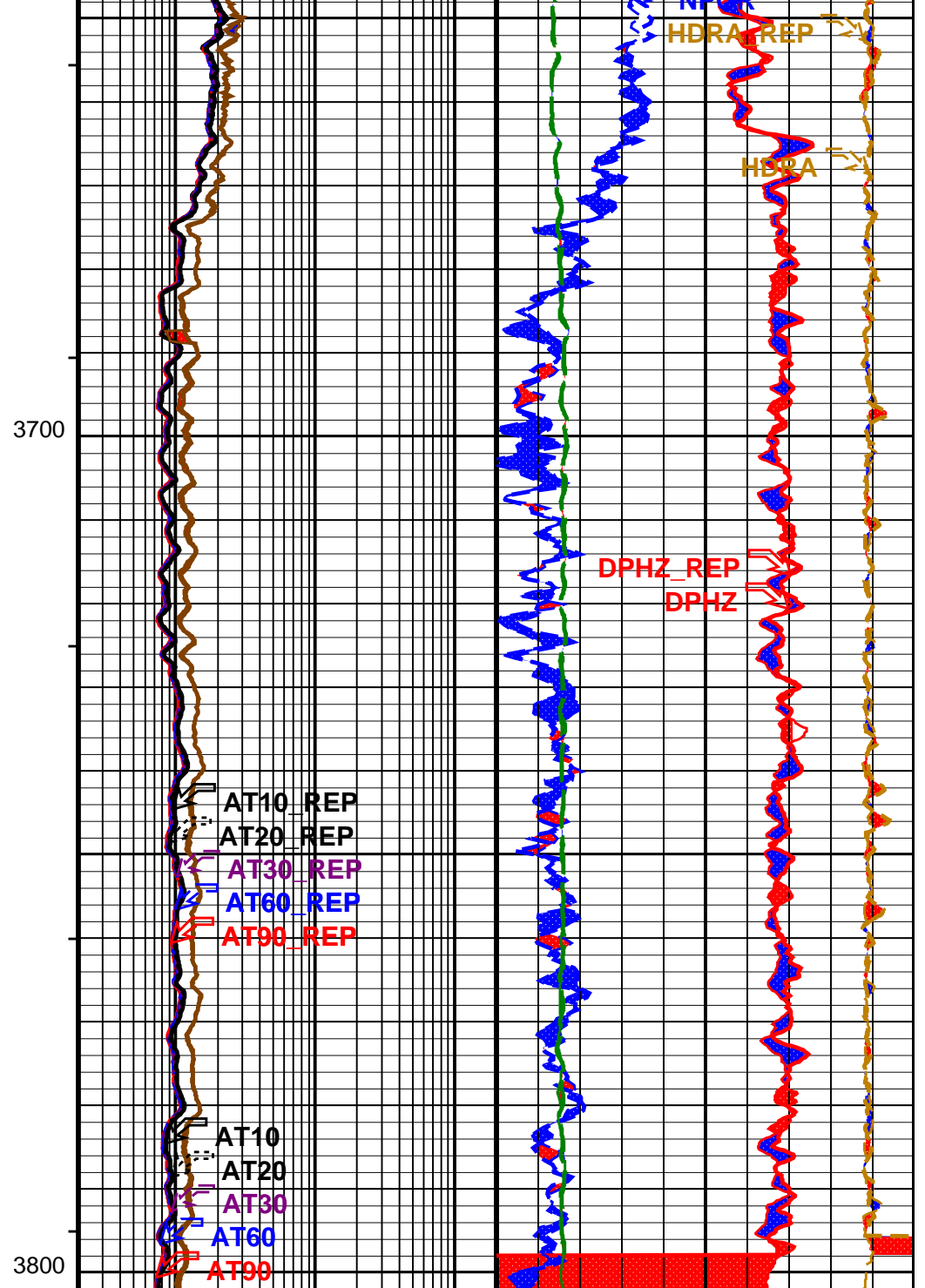
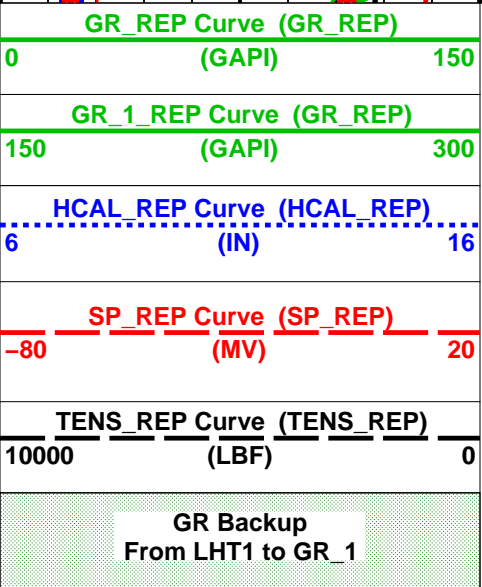
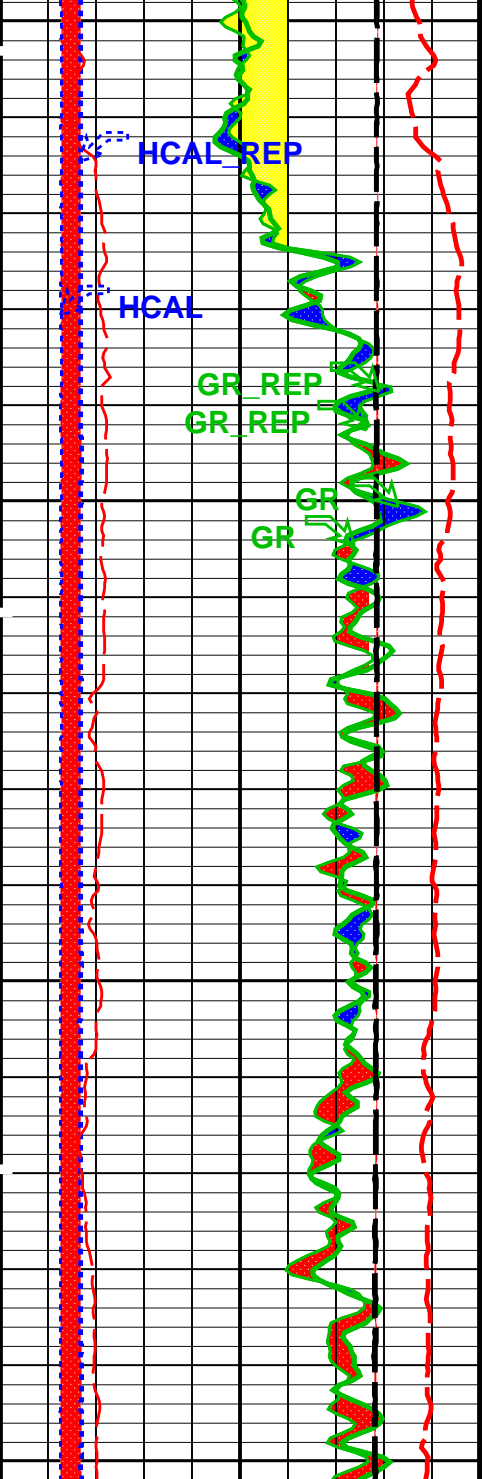
- └ Integrated Hole Volume Minor Pip Every 10 F3
- ─ Integrated Hole Volume Major Pip Every 100 F3
 - └ Integrated Cement Volume Minor Pip Every 10 F3
 - ─ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

GAMMA RAY < 90

GAMMA_RAT < 90
From GR to
SpareConstant





GAMMA RAY < 90

PIP SUMMARY

- └ Integrated Hole Volume Minor Pip Every 10 F3
- ─ Integrated Hole Volume Major Pip Every 100 F3
 - └ Integrated Cement Volume Minor Pip Every 10 F3
 - ─ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
AIT-M: Array Induction Tool - M			
ABHM	Array Induction Borehole Correction Mode	2_ComputeStandoff	
ABHV	Array Induction Borehole Correction Code Version Number	900	
ABLM	Array Induction Basic Logs Mode	6_One_Two_and_Four	
ABLV	Array Induction Basic Logs Code Version Number	223	
ACDE	Array Induction Casing Detection Enable	No	
ACEN	Array Induction Tool Centering Flag (in Borehole)	Centered	
ACSED	Array Induction Casing Shoe Estimated Depth	-50000	FT
AETP	Array Induction Enable Sonde Error Temp&Pres Corr	Yes	
AFRSV	Array Induction Response Set Version for Four ft Resolution	41.70.24.20	
AIGS	Array Induction Select Akima Interpolation Gating	On	
AMRF	Array Induction Mud Resistivity Factor	1	
AORSV	Array Induction Response Set Version for One ft Resolution	41.70.24.20	
ARFV	Array Induction Radial Profiling Code Version Number	701	
ARPV	Array Induction Radial Parametrization Code Version Number	232	
ASTA	Array Induction Tool Standoff	1	IN
ATRSV	Array Induction Response Set Version for Two ft Resolution	41.70.24.20	
ATSE	Array Induction Temperature Selection(Sonde Error Correction)	Internal	
AULV	Array Induction User Level Control	Normal	
AZRSV	Array Induction Response Set Version for Z Resolution	00.10.25.00	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	212	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	AITM_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
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)	212	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	AITM_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
HSCO	Hole Size Correction Option	YES	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
MCCO	Mud Cake Correction Option	NO	
MCOR	Mud Correction	NATU	
MDEN	Matrix Density	2.65	G/C3
MPOF	MCFL Processing Operation Mode	ON	
MWCO	Mud Weight Correction Option	NO	
NAAC	HRDD APS Activation Correction	OFF	
NMT	HILT Nuclear Mud Type	NOBARITE	
NPRM	HRDD Processing Mode	HiRes	
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	NO	
HOLEV: Integrated Hole/Cement Volume			

BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	212	DEGF
FCD	Future Casing (Outer) Diameter	0	IN
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	AITM_RESIST	
GTSE	Generalized Temperature Selection	HSTS_HTEM	
HVCS	Integrated Hole Volume Caliper Selection	AUTOMATIC	
MATR	Rock Matrix for Neutron Porosity Corrections	SANDSTONE	
SHT	Surface Hole Temperature	68	DEGF
STI: Stuck Tool Indicator			
TDL	Total Depth – Logger	3863.00	FT
System and Miscellaneous			
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	600.00	PPM
CSIZ	Current Casing Size	8.625	IN
CWEI	Casing Weight	24.00	LB/F
DFD	Drilling Fluid Density	9.20	LB/G
DO	Depth Offset for Playback	2.0	FT
DORL	Depth Offset for Repeat Analysis	0.0	FT
FLEV	Fluid Level	-50000.00	FT
MST	Mud Sample Temperature	77.70	DEGF
PP	Playback Processing	NORMAL	
RMFS	Resistivity of Mud Filtrate Sample	4.0100	OHMM
TD	Total Depth	3865	FT

Format: TCOMBO_AIT_REP

Vertical Scale: 5" per 100'

Graphics File Created: 17-Jun-2011 14:40

OP System Version: 18C0-147						
AIT-M	18C0-147		HILTH-FTB	18C0-147		
DTC-H	18C0-147					
Input DLIS Files						
DEFAULT	AIT_TLD_MCFL_CNL_019LUP	FN:33	PRODUCER	17-Jun-2011 12:53	3865.5 FT	13.5 FT
DEFAULT	AIT_TLD_MCFL_CNL_103PUP	FN:39	PRODUCER	17-Jun-2011 14:36	3802.0 FT	3498.0 FT
Output DLIS Files						
DEFAULT	AIT_TLD_MCFL_CNL_201PUP	FN:40	PRODUCER	17-Jun-2011 14:39		



CALIBRATIONS

MAXIS Field Log

Calibration and Check Summary							
Measurement	Nominal	Master	Before	After	Change	Limit	Units
Array Induction Tool – M Wellsite Calibration – Electronics Calibration Check – Thru Cal Mag. & Phase							
Master: 23-Mar-2011 14:31 Before: 16-Jun-2011 19:16							
Thru Cal Magnitude – 0	0	0.6186	0.6189	N/A	N/A	N/A	V
Thru Cal Magnitude – 1	0	1.268	1.269	N/A	N/A	N/A	V
Thru Cal Magnitude – 2	0	0.6288	0.6290	N/A	N/A	N/A	V
Thru Cal Magnitude – 3	0	0.7111	0.7114	N/A	N/A	N/A	V
Thru Cal Magnitude – 4	0	1.337	1.338	N/A	N/A	N/A	V
Thru Cal Magnitude – 5	0	1.951	1.952	N/A	N/A	N/A	V
Thru Cal Magnitude – 6	0	1.947	1.948	N/A	N/A	N/A	V
Thru Cal Magnitude – 7	0	1.428	1.429	N/A	N/A	N/A	V
Thru Cal Phase – 0	0	176.3	176.4	N/A	N/A	N/A	DEG
Thru Cal Phase – 1	0	175.3	175.3	N/A	N/A	N/A	DEG
Thru Cal Phase – 2	0	171.8	171.8	N/A	N/A	N/A	DEG

Thru Cal Phase – 2	0	171.8	171.8	N/A	N/A	N/A	DEG
Thru Cal Phase – 3	0	171.0	171.1	N/A	N/A	N/A	DEG
Thru Cal Phase – 4	0	164.9	165.0	N/A	N/A	N/A	DEG
Thru Cal Phase – 5	0	163.3	163.3	N/A	N/A	N/A	DEG
Thru Cal Phase – 6	0	163.3	163.4	N/A	N/A	N/A	DEG
Thru Cal Phase – 7	0	162.4	162.5	N/A	N/A	N/A	DEG

Array Induction Tool – M Wellsite Calibration – Electronics Calibration Check – Auxiliary

Master: 23–Mar–2011 14:31 Before: 16–Jun–2011 19:16

Array Induction SPA Plus	991.0	991.3	991.2	N/A	N/A	N/A	MV
Array Induction SPA Zero	0	0.3849	0.3664	N/A	N/A	N/A	MV
Array Induction Temperature PI	0.9170	0.9181	0.9180	N/A	N/A	N/A	V
Array Induction Temperature Ze	0	0.0003880	0.0003750	N/A	N/A	N/A	V

Array Induction Tool – M Wellsite Calibration – Test Loop Gain Correction

Master: 23–Mar–2011 14:31

Test Loop Gain Correctio – 0	0	1.016	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio – 1	0	1.015	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio – 2	0	1.020	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio – 3	0	1.012	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio – 4	0	0.9957	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio – 5	0	0.9892	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio – 6	0	1.002	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio – 7	0	1.014	N/A	N/A	N/A	N/A	V
Test Loop Gain Correctio – 0	0	–0.9925	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio – 1	0	0.3154	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio – 2	0	0.1139	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio – 3	0	0.06053	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio – 4	0	0.02994	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio – 5	0	–0.01163	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio – 6	0	0.2593	N/A	N/A	N/A	N/A	DEG
Test Loop Gain Correctio – 7	0	–0.1299	N/A	N/A	N/A	N/A	DEG

Array Induction Tool – M Wellsite Calibration – Sonde Error Correction

Master: 23–Mar–2011 14:31

R Sonde Error Correction – 0	0	–125.1	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction – 1	0	161.1	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction – 2	0	103.4	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction – 3	0	60.12	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction – 4	0	24.27	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction – 5	0	13.07	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction – 6	0	8.950	N/A	N/A	N/A	N/A	MM/M
R Sonde Error Correction – 7	0	–1.693	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction – 0	0	299.2	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction – 1	0	–140.0	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction – 2	0	–159.0	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction – 3	0	–9.725	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction – 4	0	–14.54	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction – 5	0	15.10	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction – 6	0	7.872	N/A	N/A	N/A	N/A	MM/M
X Sonde Error Correction – 7	0	5.676	N/A	N/A	N/A	N/A	MM/M

Array Induction Tool – M Wellsite Calibration – Mud Gain Correction

Master: 23–Mar–2011 14:31

Coarse – Mag, Real, Imag – 0	0	1.085	N/A	N/A	N/A	N/A
Coarse – Mag, Real, Imag – 1	0	1.085	N/A	N/A	N/A	N/A
Coarse – Mag, Real, Imag – 2	0	1.085	N/A	N/A	N/A	N/A
Fine – Mag, Real, Imag – 0	0	1.085	N/A	N/A	N/A	N/A
Fine – Mag, Real, Imag – 1	0	1.085	N/A	N/A	N/A	N/A
Fine – Mag, Real, Imag – 2	0	1.085	N/A	N/A	N/A	N/A

High resolution Integrated Logging Tool–DTS Wellsite Calibration – Stab Measurement Summary

Before: 16–Jun–2011 22:17

BS Window Ratio	0.7459	N/A	0.7432	N/A	N/A	N/A
BS Window Sum	24990	N/A	24880	N/A	N/A	N/A
SS Window Ratio	0.4785	N/A	0.4797	N/A	N/A	N/A
SS Window Sum	11840	N/A	11810	N/A	N/A	N/A
LS Window Ratio	0.3037	N/A	0.3068	N/A	N/A	N/A
LS Window Sum	1285	N/A	1281	N/A	N/A	N/A

High resolution Integrated Logging Tool–DTS Wellsite Calibration – Photo–multiplier High Voltages Calibrations

Before: 16–Jun–2011 22:17

BS PM High Voltage (Command)	1830	N/A	1825	N/A	N/A	N/A
SS PM High Voltage (Command)	1861	N/A	1848	N/A	N/A	N/A
LS PM High Voltage (Command)	1590	N/A	1588	N/A	N/A	N/A

High resolution Integrated Logging Tool–DTS Wellsite Calibration – Crystal Quality Resolutions Calibration

Before: 16–Jun–2011 22:17

BS Crystal Resolution	10.80	N/A	11.00	N/A	N/A	N/A
SS Crystal Resolution	9.863	N/A	9.812	N/A	N/A	N/A
LS Crystal Resolution	8.842	N/A	8.896	N/A	N/A	N/A

High resolution Integrated Logging Tool–DTS Wellsite Calibration – MCFL Calibration

Before: 16–Jun–2011 19:20

Raw B0 Resistivity	3875	N/A	3876	N/A	N/A	N/A	OHMM
Raw B1 Resistivity	3830	N/A	3807	N/A	N/A	N/A	OHMM
Raw B2 Resistivity	3830	N/A	3821	N/A	N/A	N/A	OHMM

High resolution Integrated Logging Tool–DTS Wellsite Calibration – HILT Caliper Calibration

Before: 16–Jun–2011 22:16

HILT Caliper Zero Measurement	8.000	N/A	9.165	N/A	N/A	N/A	IN
HILT Caliper Plus Measurement	12.00	N/A	13.30	N/A	N/A	N/A	IN

High resolution Integrated Logging Tool–DTS Wellsite Calibration – Detector Calibration

Before: 16–Jun–2011 22:15

Gamma Ray Background	30.00	N/A	37.12	N/A	N/A	N/A	GAPI
Gamma Ray (Jig – Bkgd)	165.0	N/A	198.4	N/A	N/A	15.00	GAPI

High resolution Integrated Logging Tool–DTS Wellsite Calibration – Zero Measurement

Master: 18–Apr–2011 16:10 Before: 16–Jun–2011 22:16

CNTC Background	27.87	27.87	27.18	N/A	N/A	4.181	CPS
CFTC Background	26.66	26.66	26.75	N/A	N/A	3.999	CPS

High resolution Integrated Logging Tool–DTS Wellsite Calibration – Ratio Measurement

Master: 18–Apr–2011 16:10

Thermal Near Corr. (Tank)	5800	5192	N/A	N/A	N/A	N/A	CPS
Thermal Far Corr. (Tank)	2400	2151	N/A	N/A	N/A	N/A	CPS
CNTC/CFTC (Tank)	2.159	2.414	N/A	N/A	N/A	N/A	

High resolution Integrated Logging Tool–DTS Wellsite Calibration – Accelerometer Calibration

Before: 17–Jun–2011 0:43

Z–Axis Acceleration	32.19	N/A	32.09	N/A	N/A	N/A	F/S2
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High resolution Integrated Logging Tool–DTS Master Calibration – Inversion results

Master: 10–Jun–2011 13:14

Rho Aluminum	2.596	2.602	--	--	--	--	G/C3
Rho Magnesium	1.686	1.690	--	--	--	--	G/C3
Pe Aluminum	2.570	2.523	--	--	--	--	
Pe Magnesium	2.650	2.628	--	--	--	--	

High resolution Integrated Logging Tool–DTS Master Calibration – Deviation Summary

Master: 10–Jun–2011 13:14

BS Average Deviation	0	0.1912	--	--	--	--	%
BS Max Deviation	0	0.4126	--	--	--	--	%
SS Average Deviation	0	0.2923	--	--	--	--	%
SS Max Deviation	0	0.8272	--	--	--	--	%
LS Average Deviation	0	0.7108	--	--	--	--	%
LS Max Deviation	0	2.586	--	--	--	--	%

The GLS–VJ source activity is acceptable.







The HGNS Neutron Master Calibration was done with the following parameters :

NCT–B Water Temperature 55.9 DEG.
Thermal Housing Size 3.378 IN.
NSR–F serial number 2649









Array Induction Tool – M / Equipment Identification

Primary Equipment:
Rm/SP Bottom Nose AMRM – A
Array Induction Sonde AMIS – A 2562

Auxiliary Equipment:

Array Induction Tool – M Wellsite Calibration							
Electronics Calibration Check – Thru Cal Mag. & Phase							
Idx	Phase	Value	Thru Cal Magnitude V	Nominal	Value	Thru Cal Phase DEG	Nominal
0	Master	0.6186		0.6100	176.3		197.0
	Before	0.6189			176.4		
1	Master	1.268		1.270	175.3		196.0

2	Before	1.269		0.6200	175.3		192.0
	Master	0.6288			171.8		
3	Before	0.6290		0.7000	171.8		191.0
	Master	0.7111			171.0		
4	Before	0.7114		1.340	171.1		185.0
	Master	1.337			164.9		
5	Before	1.338		1.960	165.0		182.0
	Master	1.951			163.3		
6	Before	1.952		1.960	163.3		181.0
	Master	1.947			163.4		
7	Before	1.948		1.410	162.4		175.0
	Master	1.428			162.5		
		60.00 % (Minimum)	(Nominal)	140.0 % (Maximum)	Nom -60.00 (Minimum)	(Nominal)	Nom + 60.00 (Maximum)
Master: 23-Mar-2011 14:31				Before: 16-Jun-2011 19:16			

Array Induction Tool – M Wellsite Calibration											
Electronics Calibration Check – Auxiliary											
Phase	Array Induction SPA Plus MV		Value	Phase	Array Induction SPA Zero MV		Value				
Master			991.3	Master			0.3849				
Before			991.2	Before			0.3664				
941.0 (Minimum)			991.0 (Nominal)	1040 (Maximum)			-50.00 (Minimum)		0 (Nominal)	50.00 (Maximum)	
Phase	Array Induction Temperature Plus V		Value	Phase	Array Induction Temperature Zero V		Value				
Master			0.9181	Master			0.0003880				
Before			0.9180	Before			0.0003750				
0.8710 (Minimum)			0.9170 (Nominal)	0.9630 (Maximum)			-0.05000 (Minimum)		0 (Nominal)	0.05000 (Maximum)	
Master: 23-Mar-2011 14:31						Before: 16-Jun-2011 19:16					







Array Induction Tool – M Wellsite Calibration					
Test Loop Gain Correction					
Idx	Value	Test Loop Gain Correction Magnitude V	Value	Test Loop Gain Correction Phase DEG	
0	1.016		-0.9925		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)	
1	1.015		0.3154		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)	
2	1.020		0.1139		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)	
3	1.012		0.06053		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)	
4	0.9957		0.02994		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)	
5	0.9892		-0.01163		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)	
6	1.002		0.2593		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)	
7	1.014		-0.1299		
		0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)	
Master: 23-Mar-2011 14:31					

Array Induction Tool – M Wellsite Calibration							
Sonde Error Correction							
Idx	Value	R Sonde Error Correction MM/M			Value	X Sonde Error Correction MM/M	
0	-125.1				299.2		
		-231.0 (Minimum)	-56.00 (Nominal)	119.0 (Maximum)		-2250 (Minimum)	0 (Nominal) 2250 (Maximum)
1	161.1				-140.0		
		114.0 (Minimum)	159.0 (Nominal)	204.0 (Maximum)		-625.0 (Minimum)	0 (Nominal) 625.0 (Maximum)
2	103.4				-159.0		
		66.00 (Minimum)	111.0 (Nominal)	156.0 (Maximum)		-350.0 (Minimum)	0 (Nominal) 350.0 (Maximum)
3	60.12				-9.725		
		39.00 (Minimum)	64.00 (Nominal)	89.30 (Maximum)		-250.0 (Minimum)	0 (Nominal) 250.0 (Maximum)
4	24.27				-14.54		
		15.00 (Minimum)	25.00 (Nominal)	35.00 (Maximum)		-63.00 (Minimum)	0 (Nominal) 63.00 (Maximum)
5	13.07				15.10		
		4.000 (Minimum)	14.00 (Nominal)	24.00 (Maximum)		-50.00 (Minimum)	0 (Nominal) 50.00 (Maximum)
6	8.950				7.872		
		5.000 (Minimum)	10.00 (Nominal)	15.00 (Maximum)		-30.00 (Minimum)	0 (Nominal) 30.00 (Maximum)
7	-1.693				5.676		
		-5.000 (Minimum)	0 (Nominal)	5.000 (Maximum)		-30.00 (Minimum)	0 (Nominal) 30.00 (Maximum)
Master: 23–Mar–2011 14:31							

Array Induction Tool – M Wellsite Calibration							
Mud Gain Correction							
Idx	Value	Coarse – Mag, Real, Imag			Value	Fine – Mag, Real, Imag	
0	1.085				1.085		
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal) 1.200 (Maximum)
1	1.085				1.085		
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal) 1.200 (Maximum)
2	1.085				1.085		
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal) 1.200 (Maximum)
Master: 23–Mar–2011 14:31							

Array Induction Tool – M Master Calibration							
Electronics Calibration Check – Thru Cal Mag. & Phase							
Idx	Phase	Value	Thru Cal Magnitude V	Nominal	Value	Thru Cal Phase DEG	Nominal
0	Master	0.6186		0.6100	176.3		197.0
1	Master	1.268		1.270	175.3		196.0
2	Master	0.6288		0.6200	171.8		192.0
3	Master	0.7111		0.7000	171.0		191.0
4	Master	1.337		1.340	164.9		185.0
5	Master	1.951		1.960	163.3		182.0
6	Master	1.947		1.960	163.3		181.0
7	Master	1.428		1.410	162.4		175.0
		60.00 % (Minimum)	(Nominal)	140.0 % (Maximum)	Nom -60.00 (Minimum)	(Nominal)	Nom + 60.00 (Maximum)
Master: 23–Mar–2011 14:31							







Array Induction Tool – M Master Calibration					
Electronics Calibration Check – Auxiliary					
Phase	Array Induction SPA Plus MV	Value	Phase	Array Induction SPA Zero MV	Value

Array Induction Tool – M Master Calibration							
Mud Gain Correction							
Idx	Value	Coarse – Mag, Real, Imag			Value	Fine – Mag, Real, Imag	
0	1.085				1.085		
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal) 1.200 (Maximum)
1	1.085				1.085		
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal) 1.200 (Maximum)
2	1.085				1.085		
		0.8000 (Minimum)	1.000 (Nominal)	1.200 (Maximum)		0.8000 (Minimum)	1.000 (Nominal) 1.200 (Maximum)





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

High resolution Integrated Logging Tool–DTS / Equipment Identification			
Primary Equipment:			
HILT high-Resolution Mechanical Sonde	HRMS – H	3841	
HILT Rxo Gamma-ray Device	HRGD – H	3912	
HILT Micro Cylindrically Focused Log Dev	MCFL – H		
GR Logging Source	GLS – VJ	5415	
HILT High Res. Control Cartridge	HRCC – H	3869	
HILT Gamma-Ray Neutron Sonde–DTS	HRNS – H	3785	
HGNS Gamma-Ray Device	HGR –		
HGNS Neutron Detector with Alpha Source	HCNT – H		
Auxiliary Equipment:			
Neutron Calibration Tank	NCT – B		
Gamma Source Radioactive	GSR – U/Y		
HGNS Housing	HGNH –		

High resolution Integrated Logging Tool–DTS Wellsite Calibration									
Stab Measurement Summary									
Phase	BS Window Ratio			Value	Phase	SS Window Ratio			Value
Before				0.7432	Before				0.4797
	0.7086 (Minimum)	0.7459 (Nominal)	0.7832 (Maximum)			0.4546 (Minimum)	0.4785 (Nominal)	0.5025 (Maximum)	
Phase	BS Window Sum CPS			Value	Phase	SS Window Sum CPS			Value
Before				24880	Before				11810
	23740 (Minimum)	24990 (Nominal)	26240 (Maximum)			11250 (Minimum)	11840 (Nominal)	12440 (Maximum)	
Phase	LS Window Ratio			Value	Phase	LS Window Sum CPS			Value
Before				0.3068	Before				1281
	0.2885 (Minimum)	0.3037 (Nominal)	0.3188 (Maximum)			1221 (Minimum)	1285 (Nominal)	1349 (Maximum)	





Before: 16-Jun-2011 22:17

High resolution Integrated Logging Tool–DTS Wellsite Calibration									
Photo-multiplier High Voltages Calibrations									
Phase	BS PM High Voltage (Command) V			Value	Phase	SS PM High Voltage (Command) V			Value
Before				1825	Before				1848
	1730 (Minimum)	1830 (Nominal)	1930 (Maximum)			1761 (Minimum)	1861 (Nominal)	1961 (Maximum)	
Phase	LS PM High Voltage (Command) V			Value	Phase	LS PM High Voltage (Command) V			Value
Before				1588	Before				1588
	1490 (Minimum)	1590 (Nominal)	1690 (Maximum)			1490 (Minimum)	1590 (Nominal)	1690 (Maximum)	



Before: 16-Jun-2011 22:17

High resolution Integrated Logging Tool–DTS Wellsite Calibration									
Crystal Quality Resolutions Calibration									
Phase	BS Crystal Resolution %			Value	Phase	SS Crystal Resolution %			Value
Before				11.00	Before				9.812
	9.795 (Minimum)	10.80 (Nominal)	11.80 (Maximum)			8.863 (Minimum)	9.863 (Nominal)	10.86 (Maximum)	
Phase	LS Crystal Resolution %			Value	Phase	LS Crystal Resolution %			Value
Before				8.896	Before				8.896
	7.842 (Minimum)	8.842 (Nominal)	9.842 (Maximum)			7.842 (Minimum)	8.842 (Nominal)	9.842 (Maximum)	


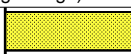
Before: 16-Jun-2011 22:17

High resolution Integrated Logging Tool–DTS Wellsite Calibration									
MCFL Calibration									
Phase	Raw B0 Resistivity OHMM			Value	Phase	Raw B1 Resistivity OHMM			Value
Before				3876	Before				3807
	3565 (Minimum)	3875 (Nominal)	4185 (Maximum)			3524 (Minimum)	3830 (Nominal)	4136 (Maximum)	
Phase	Raw B2 Resistivity OHMM			Value	Phase	Raw B2 Resistivity OHMM			Value
Before				3821	Before				3821
	3524 (Minimum)	3830 (Nominal)	4136 (Maximum)			3524 (Minimum)	3830 (Nominal)	4136 (Maximum)	





Before: 16-Jun-2011 19:20

High resolution Integrated Logging Tool-DTS Wellsite Calibration							
HILT Caliper Calibration							
Phase	HILT Caliper Zero Measurement IN		Value	Phase	HILT Caliper Plus Measurement IN		Value
Before			9.165	Before			13.30
	6.000 (Minimum)	8.000 (Nominal)	10.00 (Maximum)		9.000 (Minimum)	12.00 (Nominal)	15.00 (Maximum)
Before: 16-Jun-2011 22:16							

Before: 16-Jun-2011 22:16




High resolution Integrated Logging Tool-DTS Wellsite Calibration							
Detector Calibration							
Phase	Gamma Ray Background GAPI		Value	Phase	Gamma Ray (Jig – Bkgd) GAPI		Value
Before			37.12	Before			198.4
	0 (Minimum)	30.00 (Nominal)	120.0 (Maximum)		157.1 (Minimum)	165.0 (Nominal)	206.3 (Maximum)
Before: 16-Jun-2011 22:15							

Before: 16-Jun-2011 22:15


High resolution Integrated Logging Tool-DTS Wellsite Calibration							
Zero Measurement							
Phase	CNTC Background CPS		Value	Phase	CFTC Background CPS		Value
Master			27.87	Master			26.66
Before			27.18	Before			26.75
5.000 (Minimum)			27.87 (Nominal)	40.00 (Maximum)			
Master: 18-Apr-2011 16:10				Before: 16-Jun-2011 22:16			

Master: 18-Apr-2011 16:10





Before: 16-Jun-2011 22:16

High resolution Integrated Logging Tool-DTS Wellsite Calibration									
Ratio Measurement									
Phase	Thermal Near Corr. (Tank) CPS	Value	Phase	Thermal Far Corr. (Tank) CPS	Value	Phase	CNTC/CFTC (Tank)	Value	
Master		5192	Master		2151	Master		2.414	
	4700 (Minimum)	5800 (Nominal)	6900 (Maximum)	1900 (Minimum)	2400 (Nominal)	2900 (Maximum)	2.120 (Minimum)	2.159 (Nominal)	2.540 (Maximum)







Master: 18-Apr-2011 16:10

High resolution Integrated Logging Tool-DTS		
Wellsite Calibration		
Accelerometer Calibration		
Phase	Z-Axis Acceleration F/S2	Value
Before		32.09
	31.53 (Minimum)	32.19 (Nominal)
		32.84 (Maximum)
Before: 17-Jun-2011 0:43		

Before: 17-Jun-2011 0:43



High resolution Integrated Logging Tool-DTS Master Calibration							
Inversion results							
Phase	Rho Aluminum G/C3		Value	Phase	Rho Magnesium G/C3		Value
Master			2.602	Master			1.690
	2.586 (Minimum)	2.596 (Nominal)	2.606 (Maximum)		1.676 (Minimum)	1.686 (Nominal)	1.696 (Maximum)
Phase	Pe Aluminum		Value	Phase	Pe Magnesium		Value
Master			2.523	Master			2.628
	2.470 (Minimum)	2.570 (Nominal)	2.670 (Maximum)		2.550 (Minimum)	2.650 (Nominal)	2.750 (Maximum)
Master: 10-Jun-2011 13:14							

Master: 10-Jun-2011 13:14




High resolution Integrated Logging Tool-DTS Master Calibration									
Deviation Summary									
Phase	BS Average Deviation %	Value	Phase	SS Average Deviation %	Value	Phase	LS Average Deviation %	Value	
Master		0.1912	Master		0.2923	Master		0.7108	
	-0.6000 (Minimum)	0 (Nominal)	0.6000 (Maximum)	-1.000 (Minimum)	0 (Nominal)	1.000 (Maximum)	-1.500 (Minimum)	0 (Nominal)	1.500 (Maximum)
Phase	BS Max Deviation %	Value	Phase	SS Max Deviation %	Value	Phase	LS Max Deviation %	Value	
Master		0.4126	Master		0.8272	Master		2.586	

-1.600 (Minimum)	0 (Nominal)	1.600 (Maximum)	-2.500 (Minimum)	0 (Nominal)	2.500 (Maximum)	-3.500 (Minimum)	0 (Nominal)	3.500 (Maximum)
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Master: 10-Jun-2011 13:14

High resolution Integrated Logging Tool-DTS Master Calibration							
Zero Measurement							
Phase	CNTC Background CPS		Value	Phase	CFTC Background CPS		Value
Master			27.87	Master			26.66
	5.000 (Minimum)	27.87 (Nominal)	40.00 (Maximum)		5.000 (Minimum)	26.66 (Nominal)	40.00 (Maximum)
Master: 18-Apr-2011 16:10							

Master: 18-Apr-2011 16:10

High resolution Integrated Logging Tool-DTS Master Calibration											
Tank Measurement											
Phase	Thermal Near Corr. (Tank) CPS		Value	Phase	Thermal Far Corr. (Tank) CPS		Value	Phase	CNTC/CFTC (Tank)		Value
Master			5192	Master			2151	Master			2.414
	4700 (Minimum)	5800 (Nominal)	6900 (Maximum)		1900 (Minimum)	2400 (Nominal)	2900 (Maximum)		2.120 (Minimum)	2.159 (Nominal)	2.540 (Maximum)
Master: 18-Apr-2011 16:10											

Master: 18-Apr-2011 16:10

DTS Telemetry Tool / Equipment Identification

Primary Equipment:

DTC-H Auxiliary Cartridge
DTC-H Telemetry Cartridge

DTCH - A
DTCH - A

9236

Auxiliary Equipment:

DTCH Telemetry Cartridge Housing

ECH - KC

Company: **DEJOUR ENERGY CORPORATION**

Schlumberger

Well: **FEDERAL 36-24A**

Field: **WILDCAT**

County: **RIO BLANCO**

State: **COLORADO**

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GAMMA RAY