



AFFIDAVIT OF PUBLICATION - 9418

STATE OF KANSAS, COUNTY OF RENO, SS:

Lorraine Yazzie

of lawful age, being first duly sworn, depose and saith, he/she is Legal Representative of

The Hutchinson News

a daily newspaper printed and published in the city of Hutchinson, Reno County, Kansas, and not a trade, religious, or fraternal publication, and which newspaper has been entered as second-class mail matter in the United States post office, Hutchinson, Kansas, and which newspaper has been continuously and uninterruptedly published daily for more than fifty weeks a year and has been so published for more than fifty years prior to the first publication of the notice hereinafter mentioned, and that a notice, of which a true copy is hereto attached, was published in the regular and entire Thursday issue of said HUTCHINSON NEWS for 1 day the first being made on the 19th day of August A.D., 2010 and the last on the 19th day of August A.D., 2010.

Affiant further says that he/she has personal knowledge of the statements above set forth, and that they are true.

*Lorraine Yazzie*

Subscribed and sworn to before me this 20th day of August A.D., 2010.

*Lisa Ediger*  
Notary Public

My Commission Expires 01/28/13

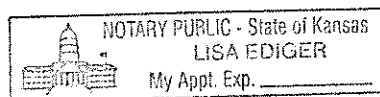
Printer's Fees, \$32.10

**Legal Notice**

**Notice of Application to Flare Gas:**

New Gulf Operating, LLC will be making application to the KCC to flare gas while testing the Beverly #1 Gas Well. The Beverly #1 is located in Reno County at SE-NE-NW of Section 12, Township 24 South, Range 10 East, Lying 4,290ft from the South line of the section and 2,970ft from the East line of the section. The test will be conducted for 30 days upon approval of the Kansas Corporation Commission per KCC Rule 82-3-135a. If you have any questions please call Wink Kopczynski with New Gulf Operating, LLC at (918)728-3020.

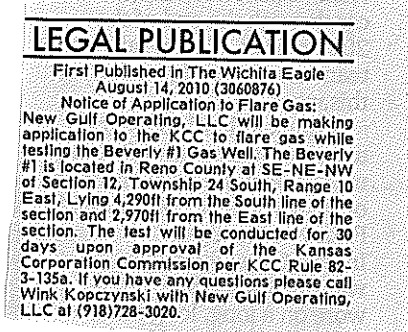
9418



**AFFIDAVIT**

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for \_1\_ issues, that the first publication of said notice was



made as aforesaid on the 14th of

August A.D. 2010, with

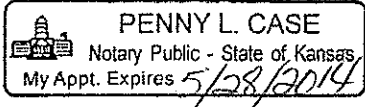
subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

*Mark Fletchall*

Subscribed and sworn to before me this

16th day of August, 2010



*Penny L Case*
Notary Public Sedgwick County, Kansas

Printer's Fee : \$48.40



**NEW GULF OPERATING, LLC**

August 30, 2010

Kansas Corporation Commission  
Oil & Gas Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

RE: Request to flare gas  
Beverly #1 Well, API No. 15-155-21310-0000

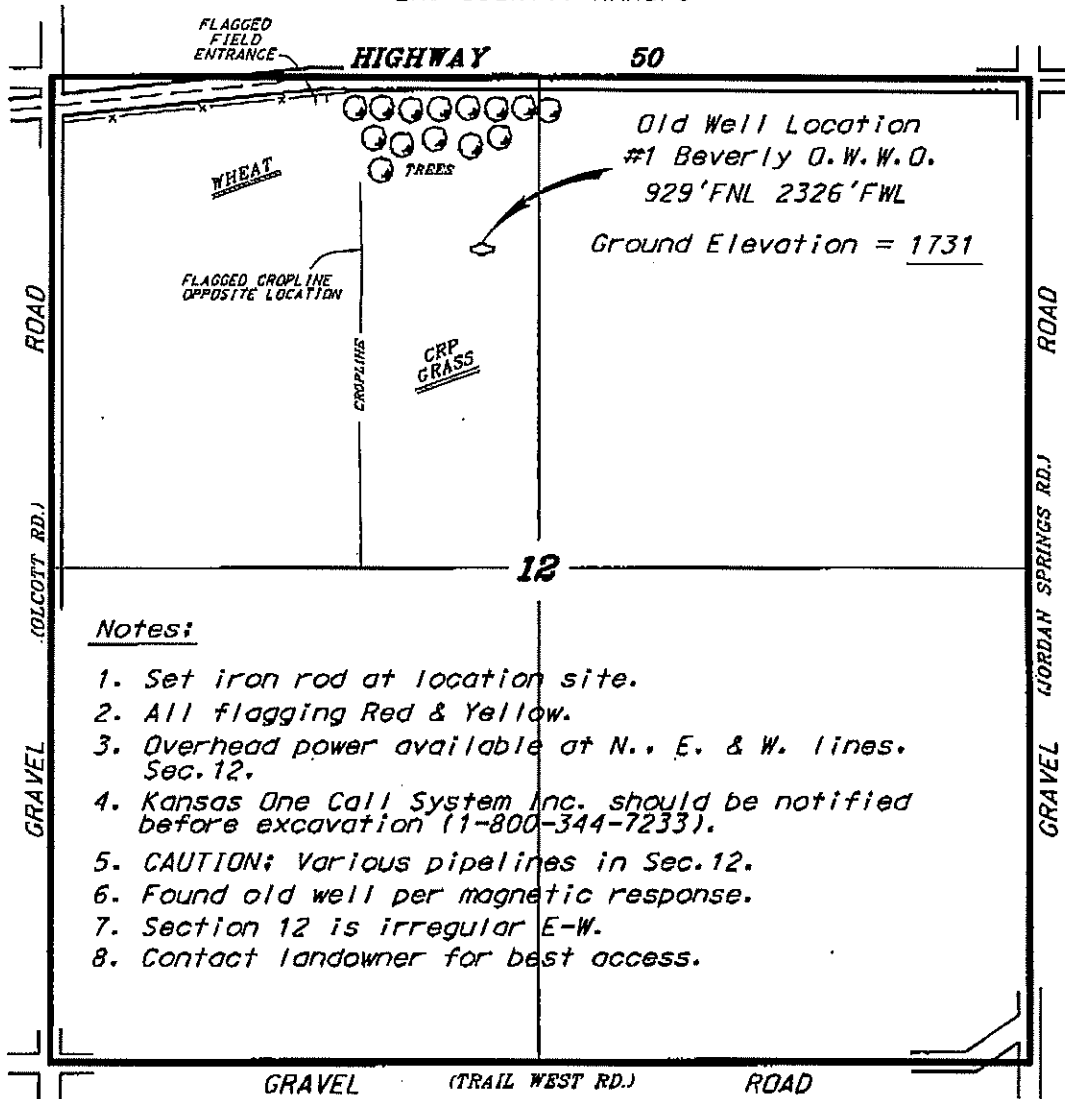
Dear Sir or Madam:

New Gulf Operating, LLC is requesting permission to flare the Beverly #1 for 30 days due to a 26% nitrogen ratio in gas from our frac which prevents us from going to sale (per Stan with West Wichita Gas Gathering). The flared gas will be metered for measurement and in the event the nitrogen does not burn off we will install a aiming unit which may cause a temporary shut-in.

Sincerely,

Laurie R. Grimmett  
Office Administrator

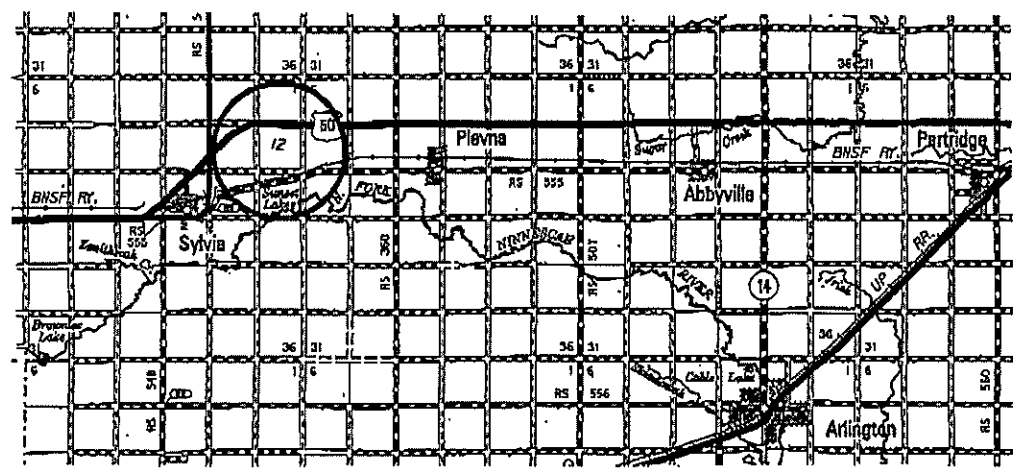
NEW GULF OPERATING, LLC  
BEVERLY LEASE  
NW.1/4, SECTION 12, T24S, R10W  
REND COUNTY, KANSAS



\*Ingress and egress to location as shown on this plot is per usage only and may not be legally opened for public use. Contact landowner, tenant and county road department for access.

Notes:

1. Set iron rod at location site.
2. All flagging Red & Yellow.
3. Overhead power available at N., E. & W. lines. Sec.12.
4. Kansas One Call System Inc. should be notified before excavation (1-800-344-7233).
5. CAUTION: Various pipelines in Sec.12.
6. Found old well per magnetic response.
7. Section 12 is irregular E-W.
8. Contact landowner for best access.



\* Controlling data is based upon the best maps and photographs available to us and upon a regular section of land containing 640 acres.  
 † Approximate section lines were determined using the normal standard of care of oilfield surveyors practicing in the state of Kansas. The section corners, which establish the precise section lines, were not necessarily located, and the exact location of the wellbore location in the section is not guaranteed. Therefore, the operator securing this service and accepting this plot and all other parties relying thereon agree to hold Central Kansas Oilfield Services, Inc., its officers and employees harmless from all losses, costs and expenses and sole and entire liability released from any liability from incidental or consequential damages.  
 • Elevations derived from National Geodetic Vertical Datum.

Date February 17, 2010



**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

6/29/10

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 34152 **KCC**  
Name: New Gulf Energy, LLC  
Address 1: 6100 S. Yale, Suite 2010  
Address 2: \_\_\_\_\_  
City: Tulsa State: OK Zip: 74136 + \_\_\_\_\_  
Contact Person: Wink Kopczynski  
Phone: (918) 728-3020  
CONTRACTOR: License # 5929 **RECEIVED**  
Name: Duke Drilling Co., Inc **KANSAS CORPORATION COMMISSION**  
Wellsite Geologist: Joe Baker

Purchaser: **CONSERVATION DIVISION WICHITA, KS**  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:  
Operator: Vess Oil Company  
Well Name: Miller #1-12  
Original Comp. Date: 1/26/1994 Original Total Depth: 3820  
 Deepening  Re-perf.  Conv. to Enhr.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
03-02-10 03-10-10  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15- 155-21310-009001  
Spot Description: \_\_\_\_\_  
SE NE NW Sec. 12 Twp. 24 S. R. 10  East  West  
4290 Feet from  North /  South Line of Section  
2970 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Reno  
Lease Name: Beverly Well #: 1  
Field Name: N/A  
Producing Formation: Mississippi  
Elevation: Ground: 1729 Kelly Bushing: 1737  
Total Depth: 4201 Plug Back Total Depth: 4010  
Amount of Surface Pipe Set and Cemented at: 247 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 3700 ppm Fluid volume: 1120 bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: Reno Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Lauri [Signature]  
Title: Office Administrator Date: 6-29-10  
Subscribed and sworn to before me this 29th day of June, 2010  
Notary Public: Terril Collette  
Date Commission Expires: Nov. 21, 2012

**TERRI L. COLLETTE**  
Notary Public, State of Oklahoma  
Commission # 08011835  
My Commission Expires November 21, 2012

**KCC Office Use ONLY**  
 Letter of Confidentiality Received 6-29-10  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution







## DEPTH SUMMARY LISTING

Date Created: 10-MAR-2010 9:36:06

### Depth System Equipment

Depth Measuring Device	Tension Device	Logging Cable
Type: IDW-B Serial Number: 5938 Calibration Date: 1-FEB-2010 Calibrator Serial Number: 33 Calibration Cable Type: 7-46A XS Wheel Correction 1: -6 Wheel Correction 2: -6	Type: CMTD-B/A Serial Number: 2773 Calibration Date: 25-FEB-2010 Calibrator Serial Number: 1018 Number of Calibration Points: 10 Calibration RMS: 12 Calibration Peak Error: 22	Type: 7-46A XS Serial Number: 707020 Length: 24800 FT Conveyance Method: Wireline Rig Type: LAND

### Depth Control Parameters

Log Sequence: First Log In the Well
Rig Up Length At Surface: 225.60 FT
Rig Up Length At Bottom: 224.90 FT
Rig Up Length Correction: 0.70 FT
Stretch Correction:
Tool Zero Check At Surface: 0.80 FT

### Depth Control Remarks

1. ALL SCHLUMBERGER DEPTH CONTROL POLICIES AND PROCEDURES ARE FOLLOWED
2. IDW USED AS PRIMARY DEPTH CONTROL DEVICE
3. Z-CHART USED AS SECONDARY DEPTH CONTROL DEVICE
4. DOWLONG USED AS ON-DEPTH CORRELATION LOG FROM TD TO 1000F'
- 5.
- 6.

#### DISCLAIMER

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

OTHER SERVICES1	OTHER SERVICES2
OS1: ARRAY INDUCTION	OS1:
OS2: GAMMA RAY - SP	OS2:
OS3: HOLE & CEMENT VOLUME	OS3:
OS4: COMPENSATED NEUTRON	OS4:
OS5: LITHOLOGY DENSITY	OS5:

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Tool string ran eccentered as per tool sketch	
Logging intervals & presentations follow from wellsite geologist	
High resolution data logged from TD to 3600ft during main pass	
Density, porosity data logged using a limestone matrix (MDEN=2.71g/cc)	
Bottom hole temperature obtained from HGNS temperature sensor (Tmax=105degF)	
Future casing diameter = 5.5"	
Repeatability within tolerance for all measurements	

Your team for today: Jonathan, Steven, Khalid, Mike  
 Thank you for choosing Schlumberger of Elk City  
 580-225-4300

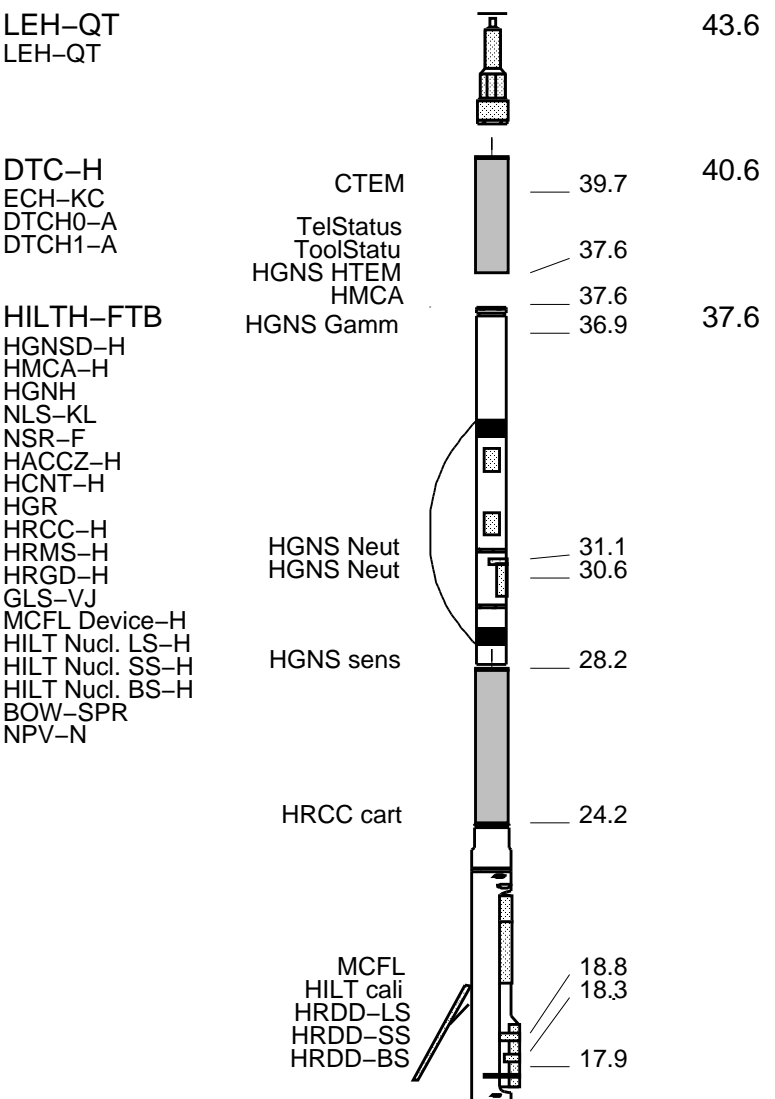
RUN 1			RUN 2		
SERVICE ORDER #:	B5DH-00028		SERVICE ORDER #:		
PROGRAM VERSION:	17C0-154		PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

## EQUIPMENT DESCRIPTION

RUN 1 RUN 2

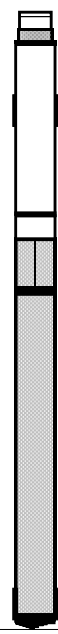
**SURFACE EQUIPMENT**  
 WITM (DTS)-A  
 GSR-U/Y  
 NCT-B  
 CNB-AB  
 NCS-VB

**DOWNHOLE EQUIPMENT**



**WITM (DTS)-A**

AIT-M  
AMIS-A  
AMRM-A



16.0

0.5 IN  
Standoff

Induction  
Temperatu  
Power Sup

7.9

SP SENSOR  
DF  
HTEN HMAS HV  
Accelerom  
Mud Resis  
Tension

0.1

TOOL ZERO

0.0

0.5 IN  
Standoff

MAXIMUM STRING DIAMETER 4.88 IN  
MEASUREMENTS RELATIVE TO TOOL ZERO  
ALL LENGTHS IN FEET

Client: NEW GULF OPERATING LLC  
Well: BEVERLY #1  
Field: VINCENT  
State: KANSAS  
Country: USA

Rig Name: DUKE RIG #2  
Reference Datum: GROUND LEVEL  
Elevation: 1729.0 ft

Drawing Date: 3/10/2010  
API #: 15-155-21310-00-01

Production String	(in)		(ft)	Well Schematic	(ft)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
					0.0	8.625		Casing String, 24.0 lbm/ft
					247.0	8.625		Casing Shoe
					247.0	7.875		Borehole Segment

4201.0 7.875

Borehole Segment Bottom

**ALL DEPTHS ARE PER DRILLER'S DEPTHS**

**Schlumberger**

**Main Pass 5" = 100'**

MAXIS Field Log

**Output DLIS Files**

DEFAULT	AIT_TLD_MCFL_CNL_013LUP	FN:24	PRODUCER	10-Mar-2010 11:31	4209.0 FT	133.5 FT
RTB	AIT_TLD_MCFL_CNL_013LUP	FN:25	PRODUCER	10-Mar-2010 11:32	4209.0 FT	133.5 FT
CUSTOMER	AIT_TLD_MCFL_CNL_013LUC	FN:26	CUSTOMER	10-Mar-2010 11:31	4209.0 FT	133.5 FT

**Integrated Hole/Cement Volume Summary**

Hole Volume = 2466.26 F3

Cement Volume = 1815.00 F3 (assuming 5.50 IN casing O.D.)

Computed from 4198.0 FT to 251.0 FT using data channel(s) HCAL

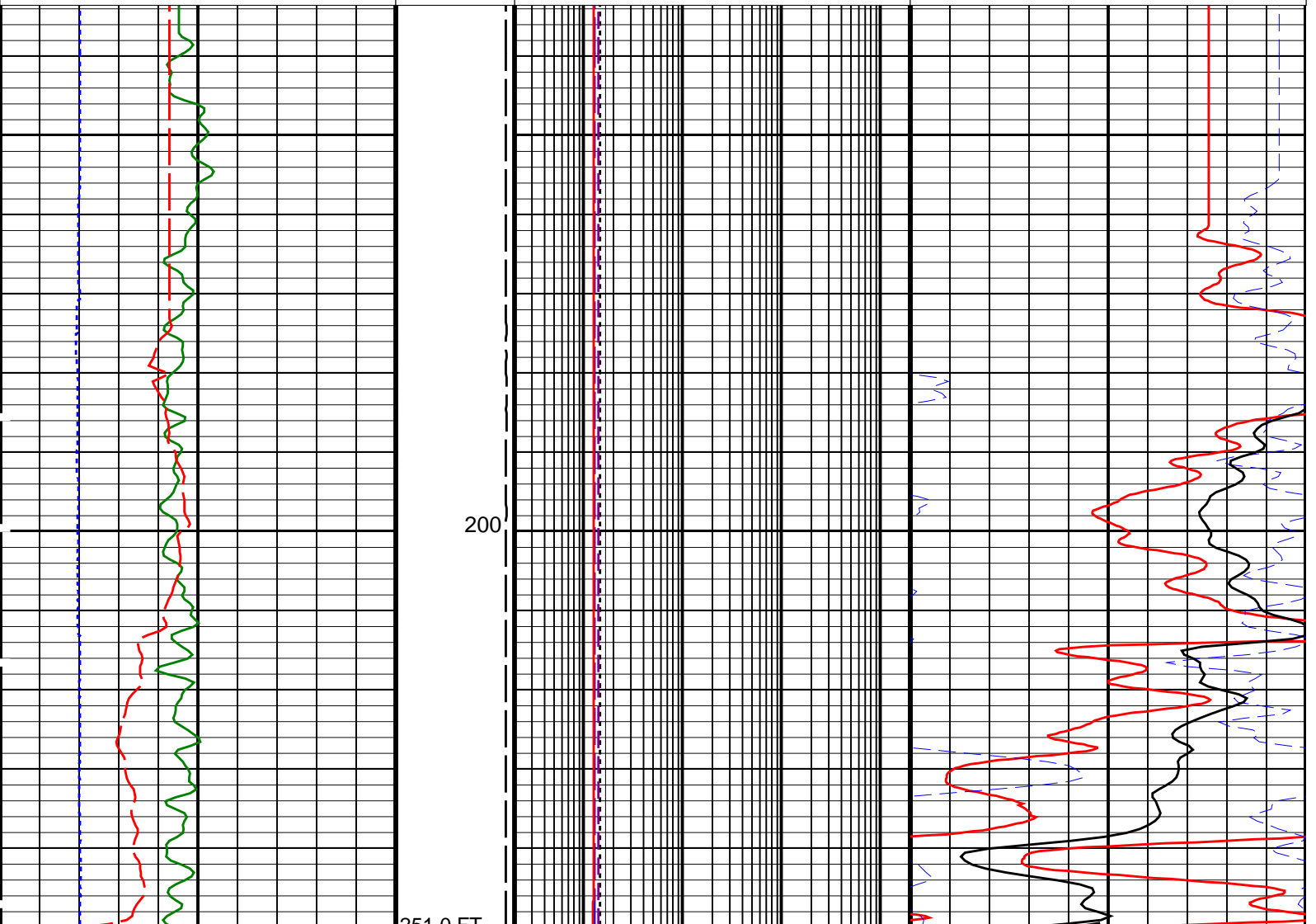
**OP System Version: 17C0-154**

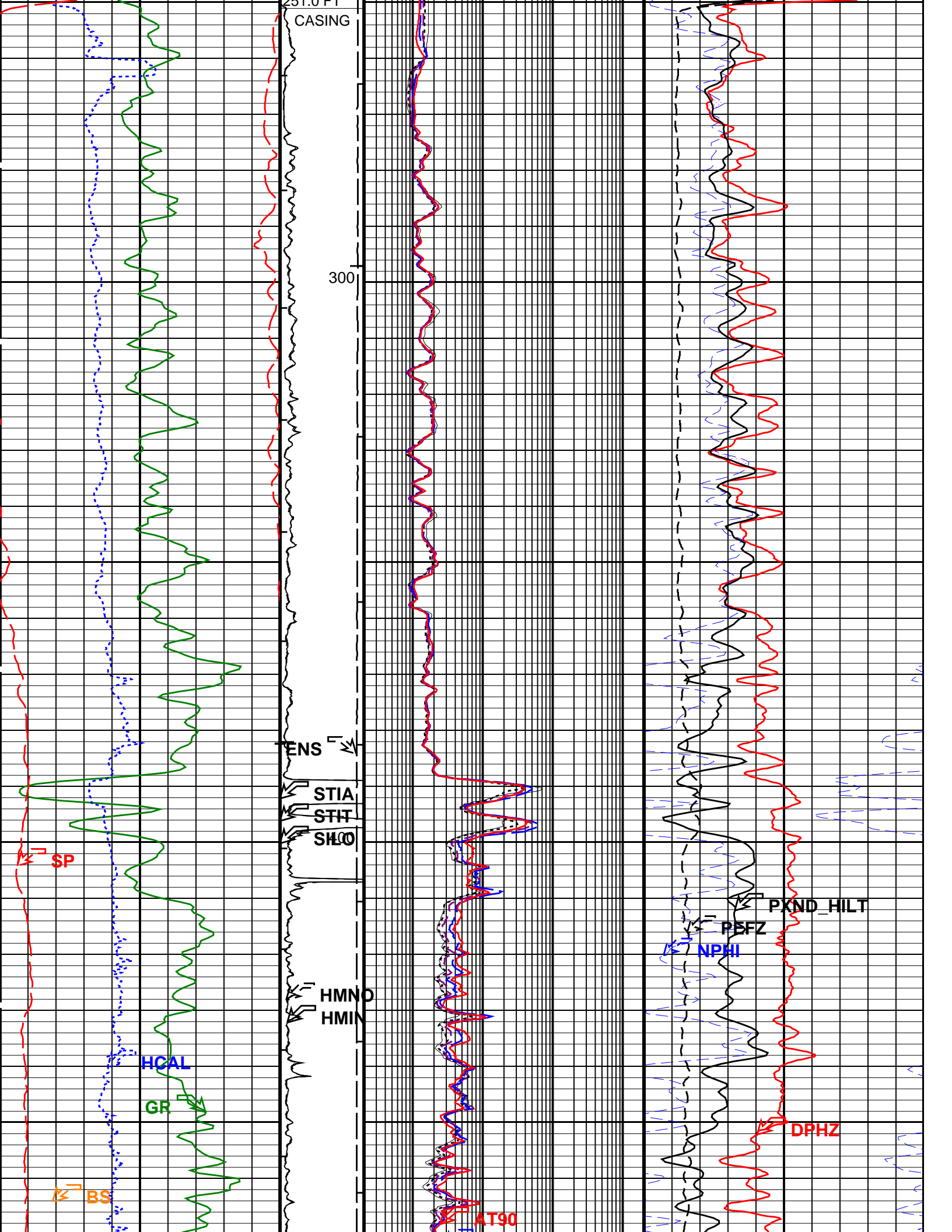
PIP SUMMARY

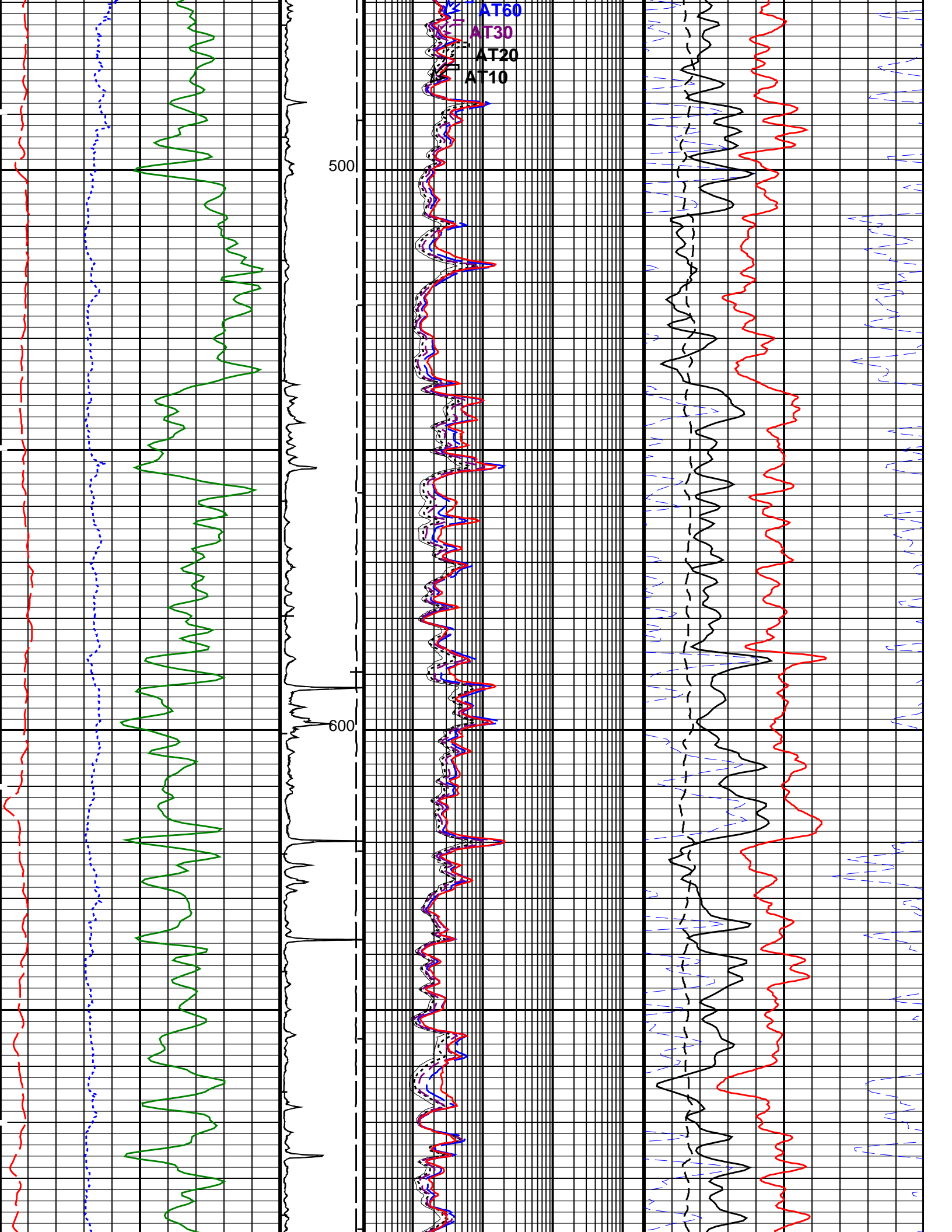
- ┌ Integrated Hole Volume Minor Pip Every 10 F3
- ┌ Integrated Hole Volume Major Pip Every 100 F3
  - └ Integrated Cement Volume Minor Pip Every 10 F3
  - └ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

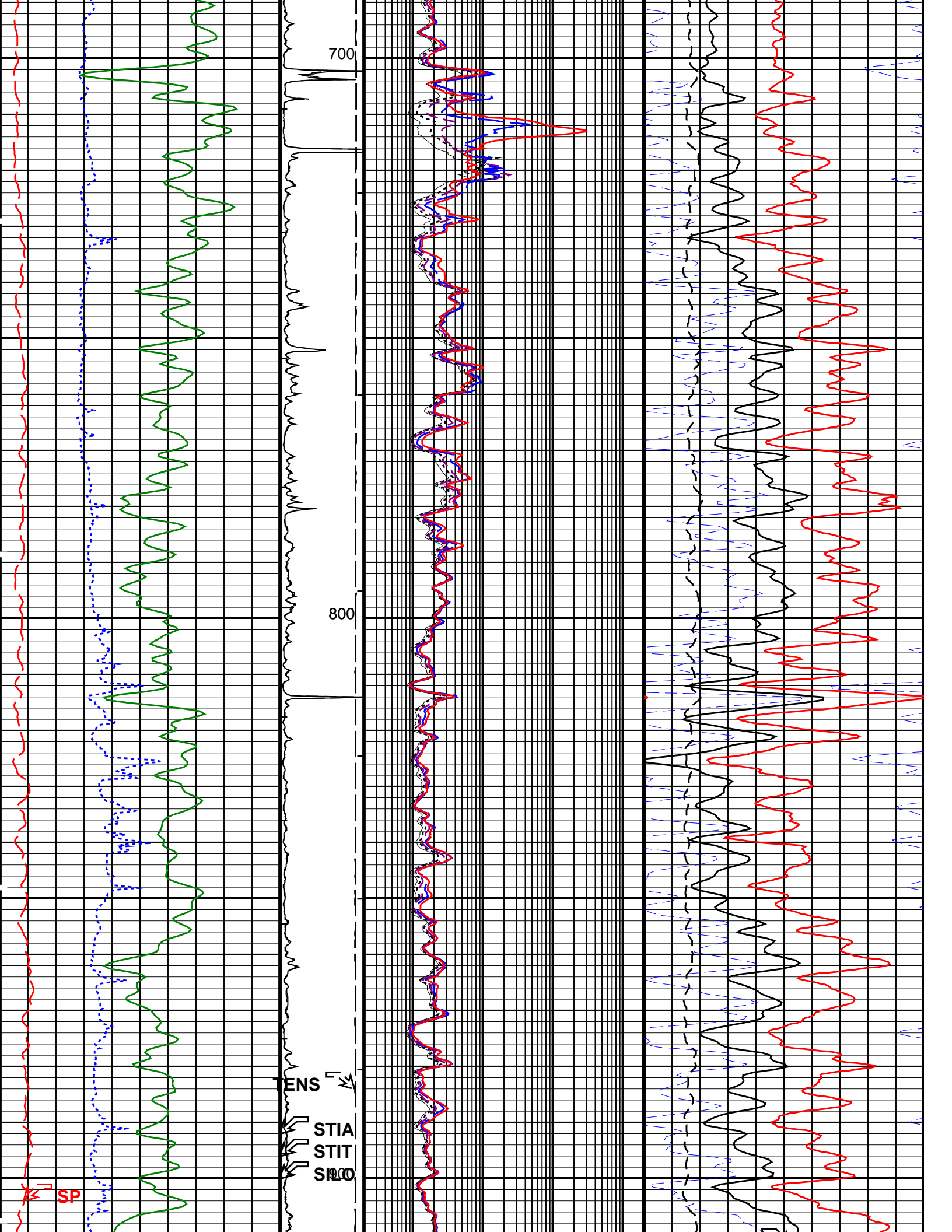
Area From HCAL to BS		AIT 90 Inch Investigation (AT90) 0.2 (OHMM) 2000	Crossover From DPHZ to NPHI	
GR_BackUp From T1 to GR_1	Computed Micro Normal (HMNO) (OHMM) 0 20	AIT 60 Inch Investigation (AT60) 0.2 (OHMM) 2000	Hilt Porosity CrossPlot (PXND_HILT) 0.4 (V/V) 0	
SP (SP) (MV) -160 40	Computed Micro Inverse (HMIN) (OHMM) 0 20	AIT 30 Inch Investigation (AT30) 0.2 (OHMM) 2000	Std. Res. Formation Pe (PEFZ) 0 (----) 10	
Caliper (HCAL) (IN) 6 16	Perm. From HMIN to HMNO	AIT 20 Inch Investigation (AT20) 0.2 (OHMM) 2000	Neutron Porosity (NPHI) 0.4 (V/V) 0	
Gamma Ray (GR) (GAPI) 0 150	Tension (TENS) (LBF) 10000 0	AIT 10 Inch Investigation (AT10) 0.2 (OHMM) 2000	Std. Res. Density Porosity (DPHZ) 0.4 (V/V) 0	

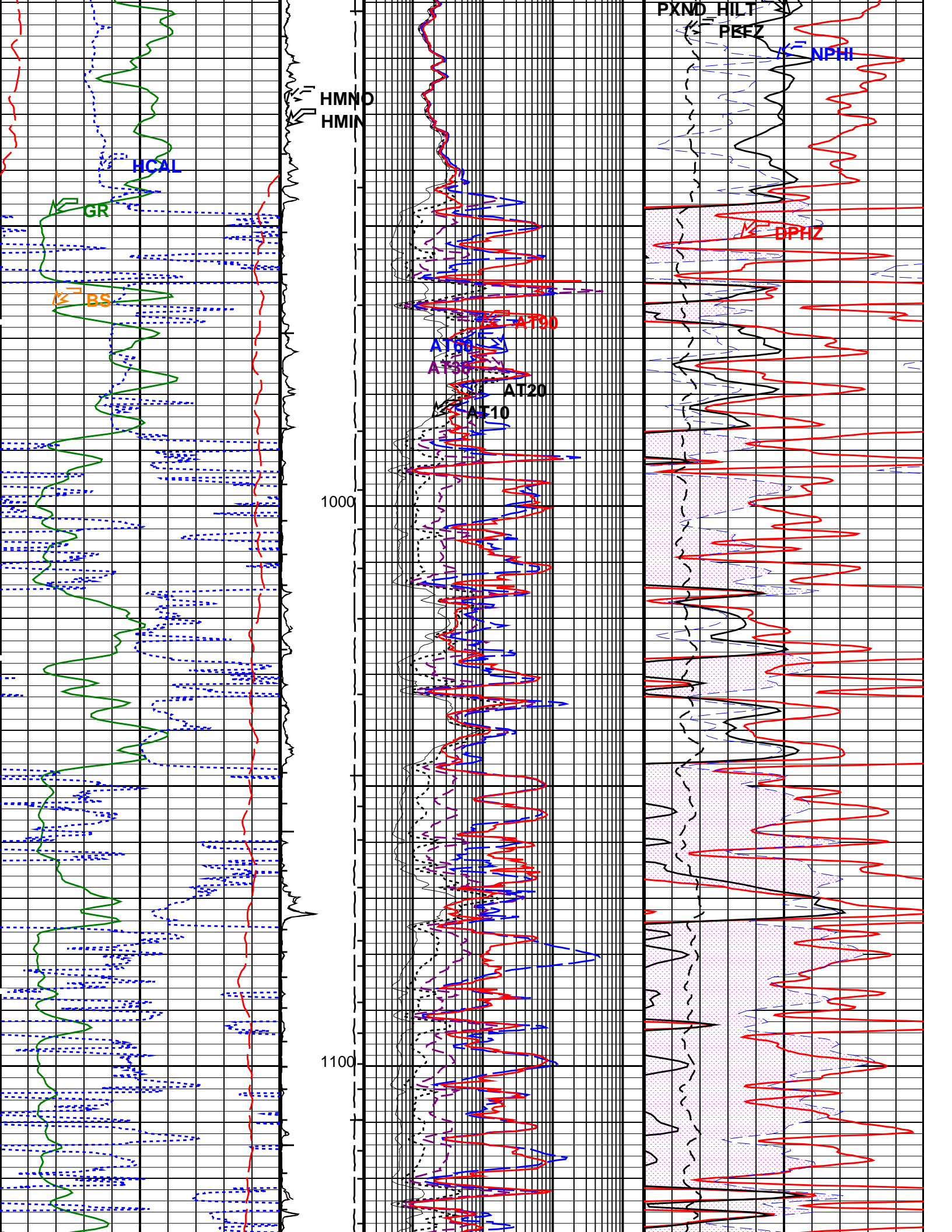


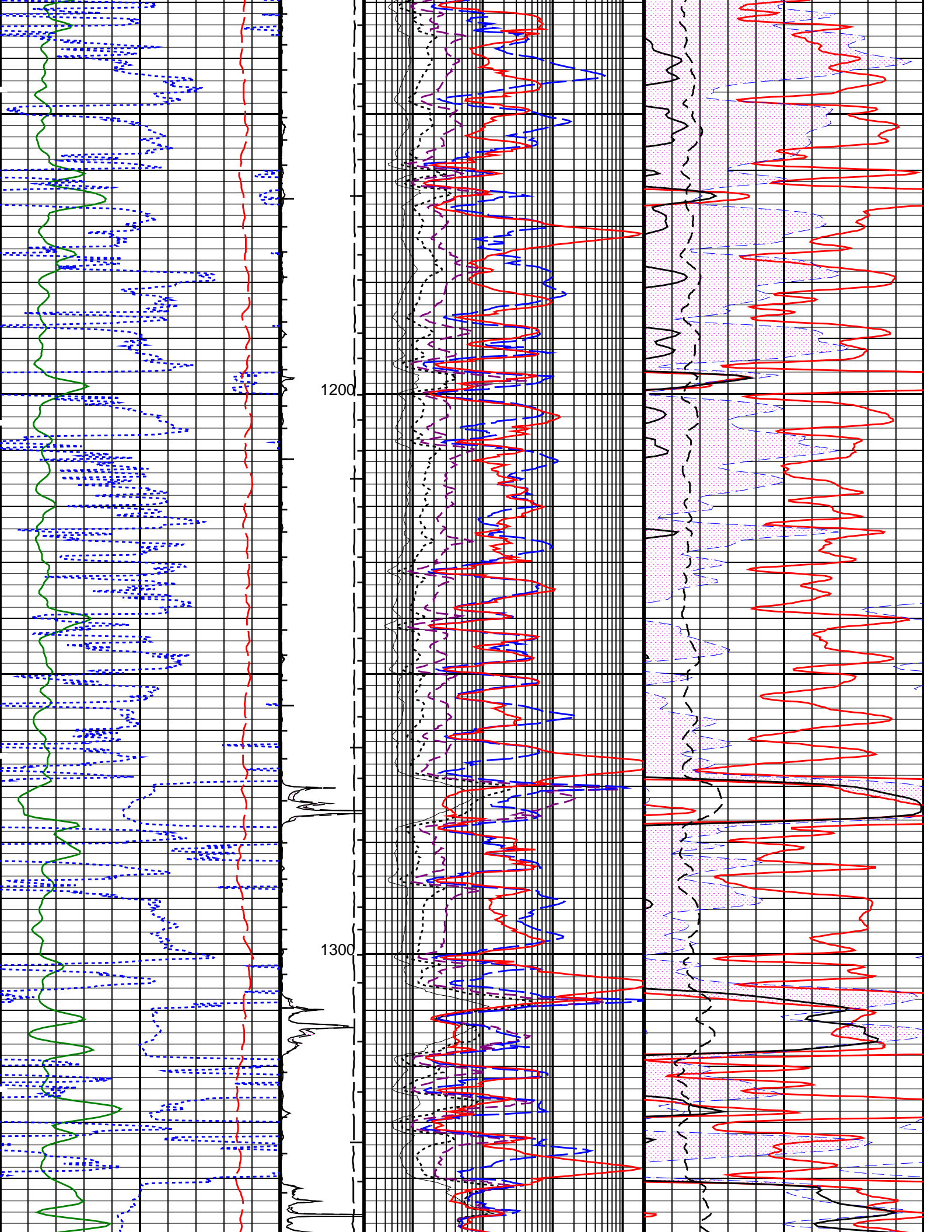


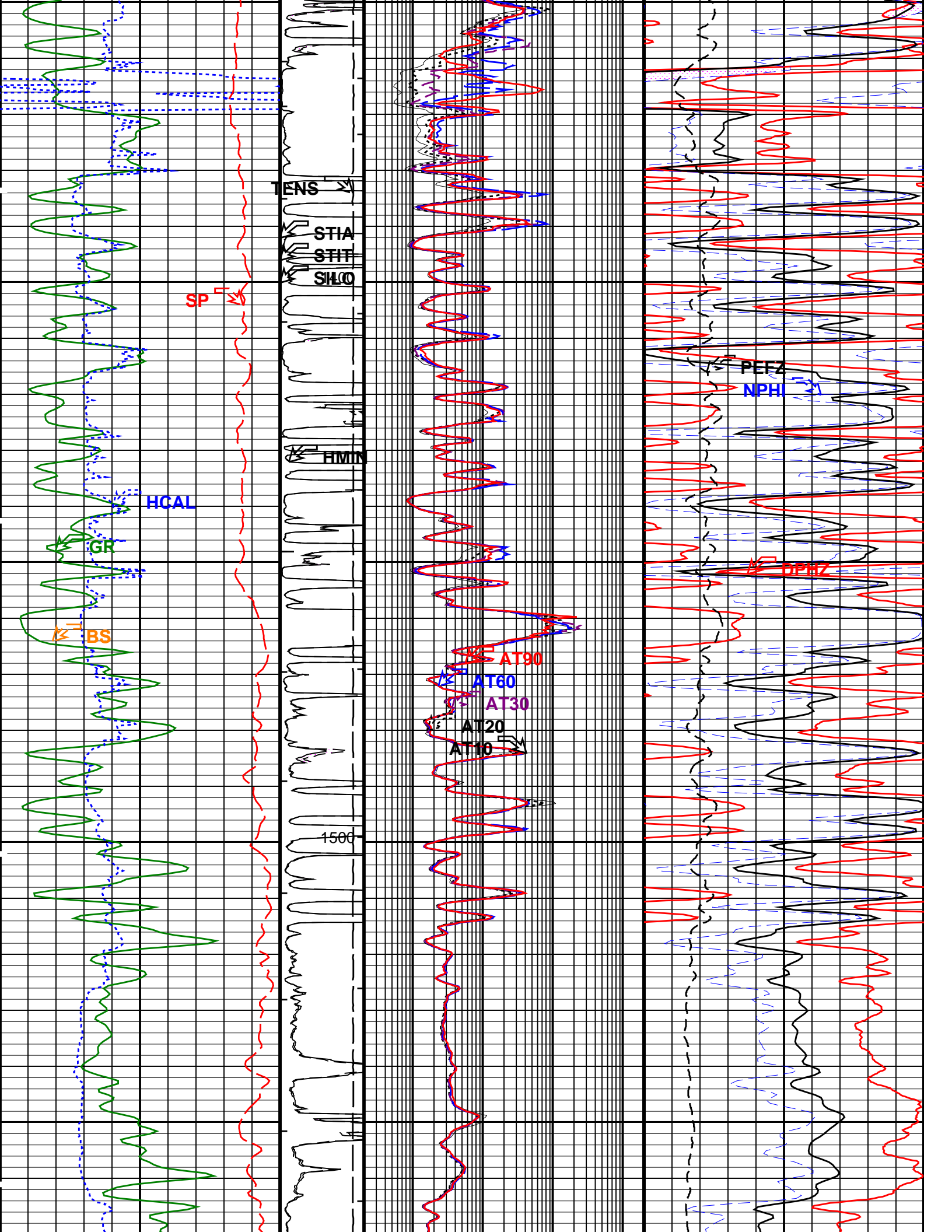


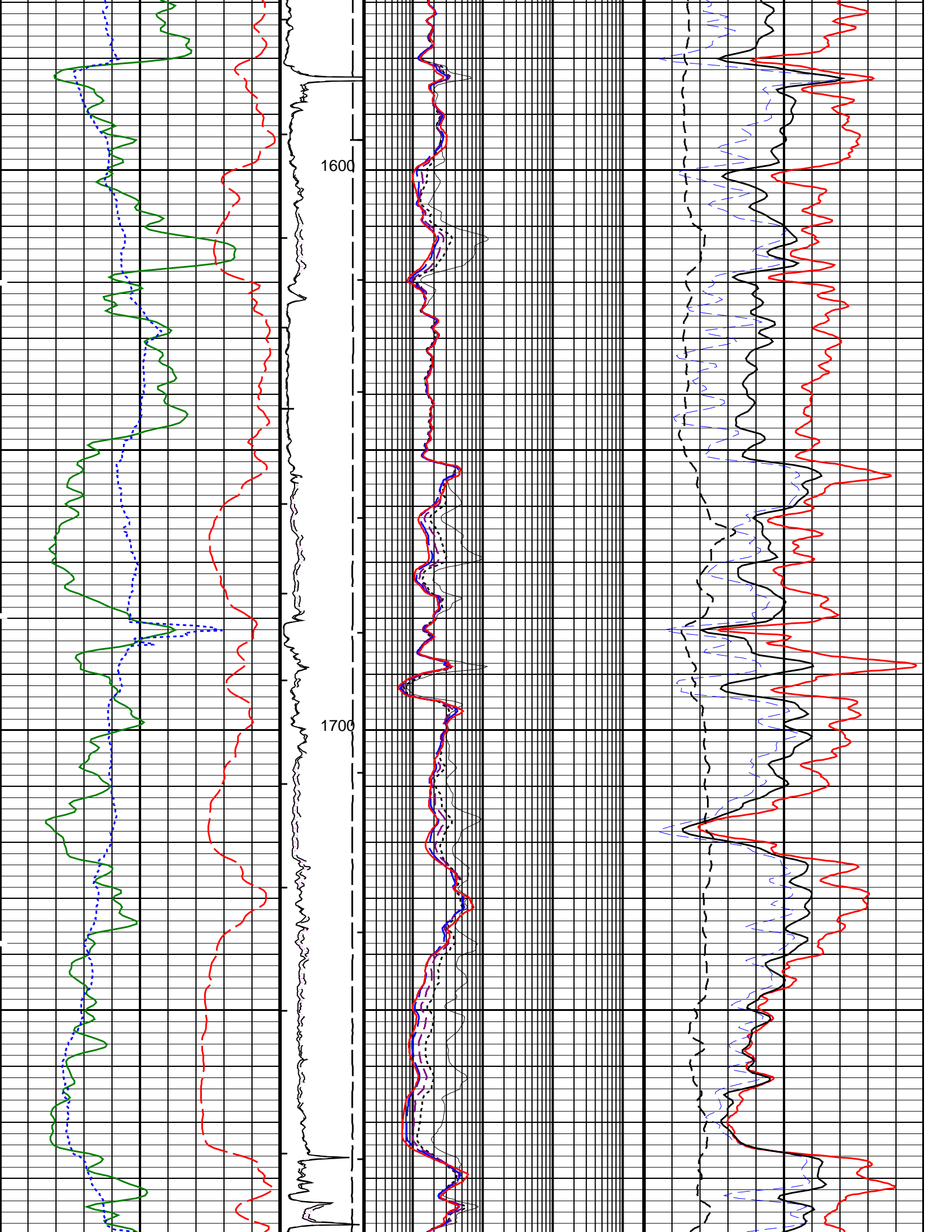


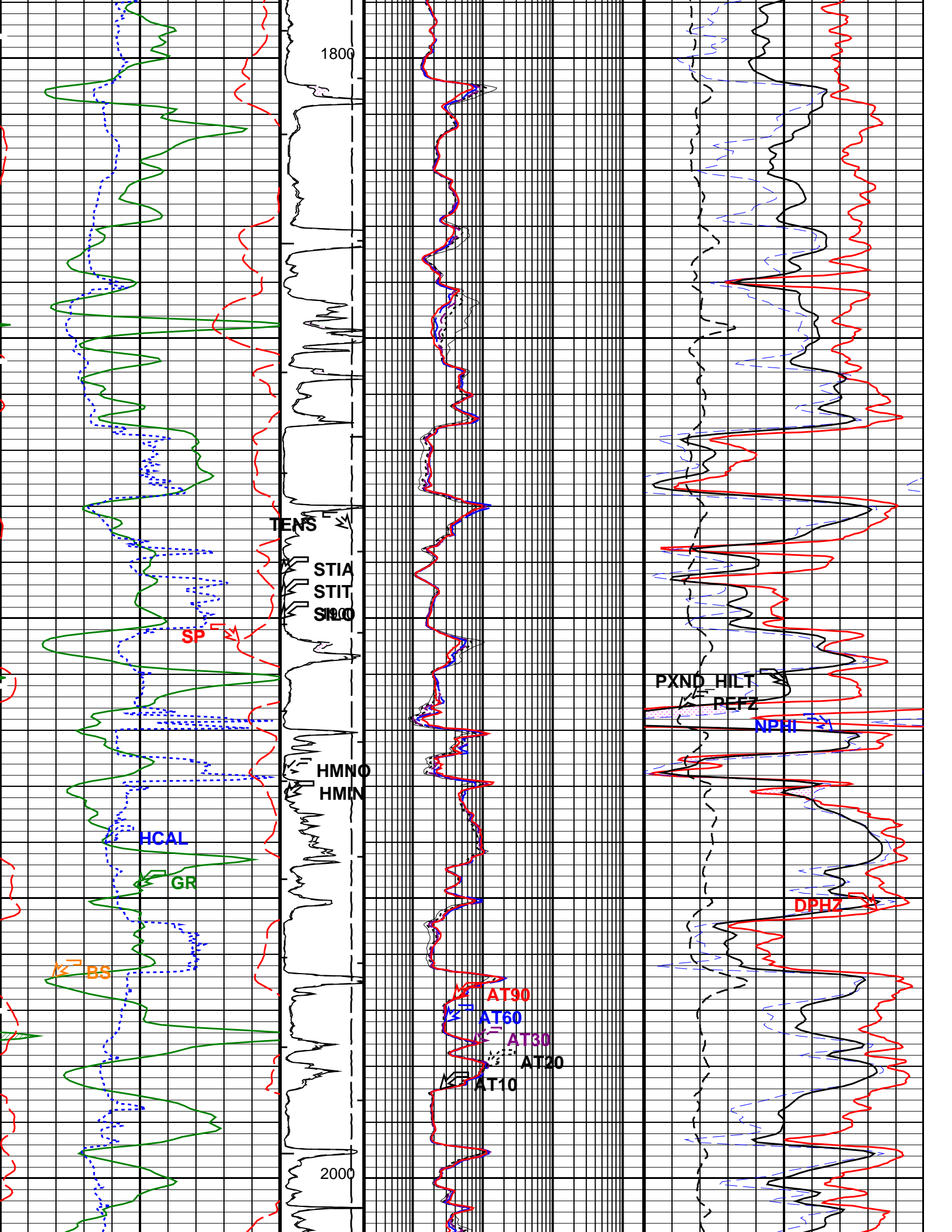


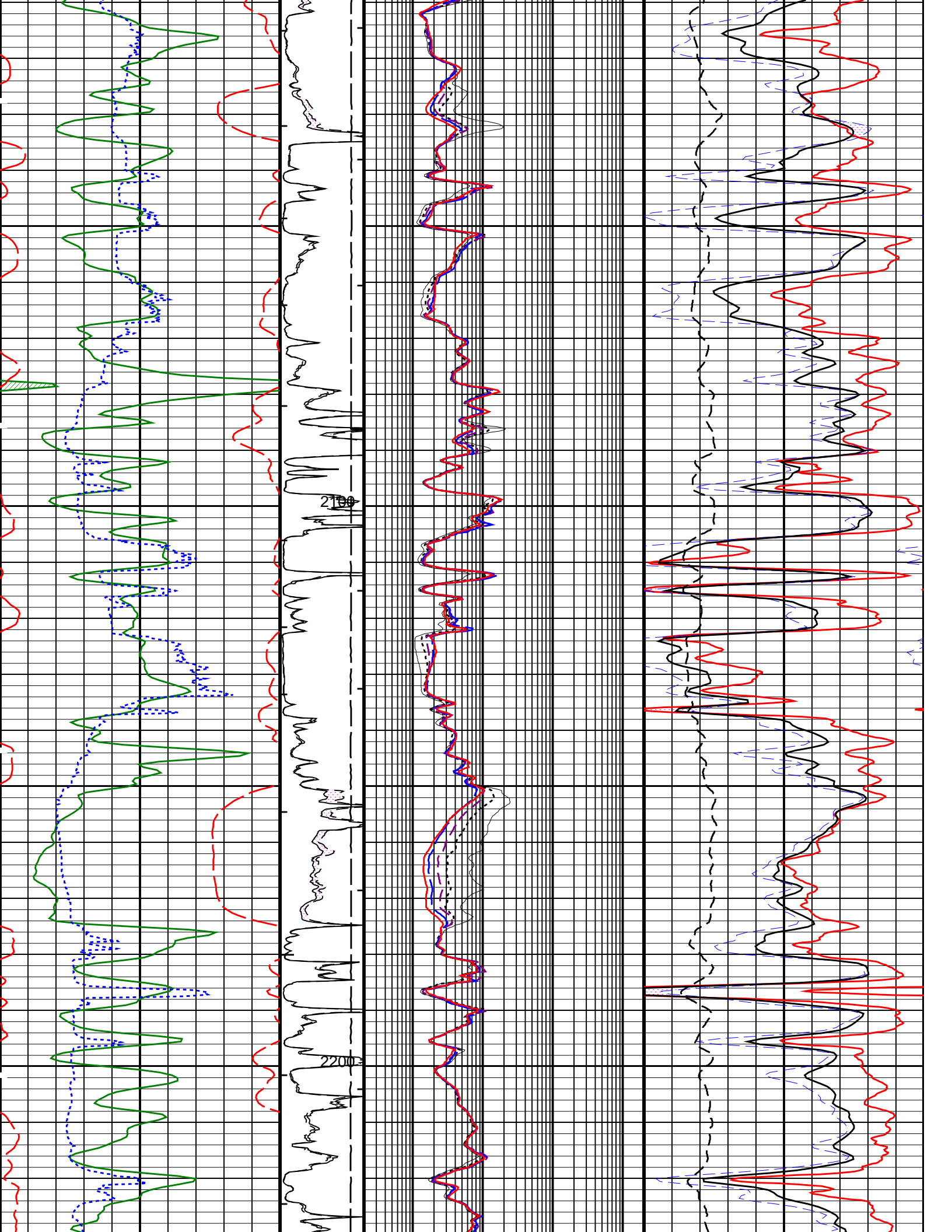


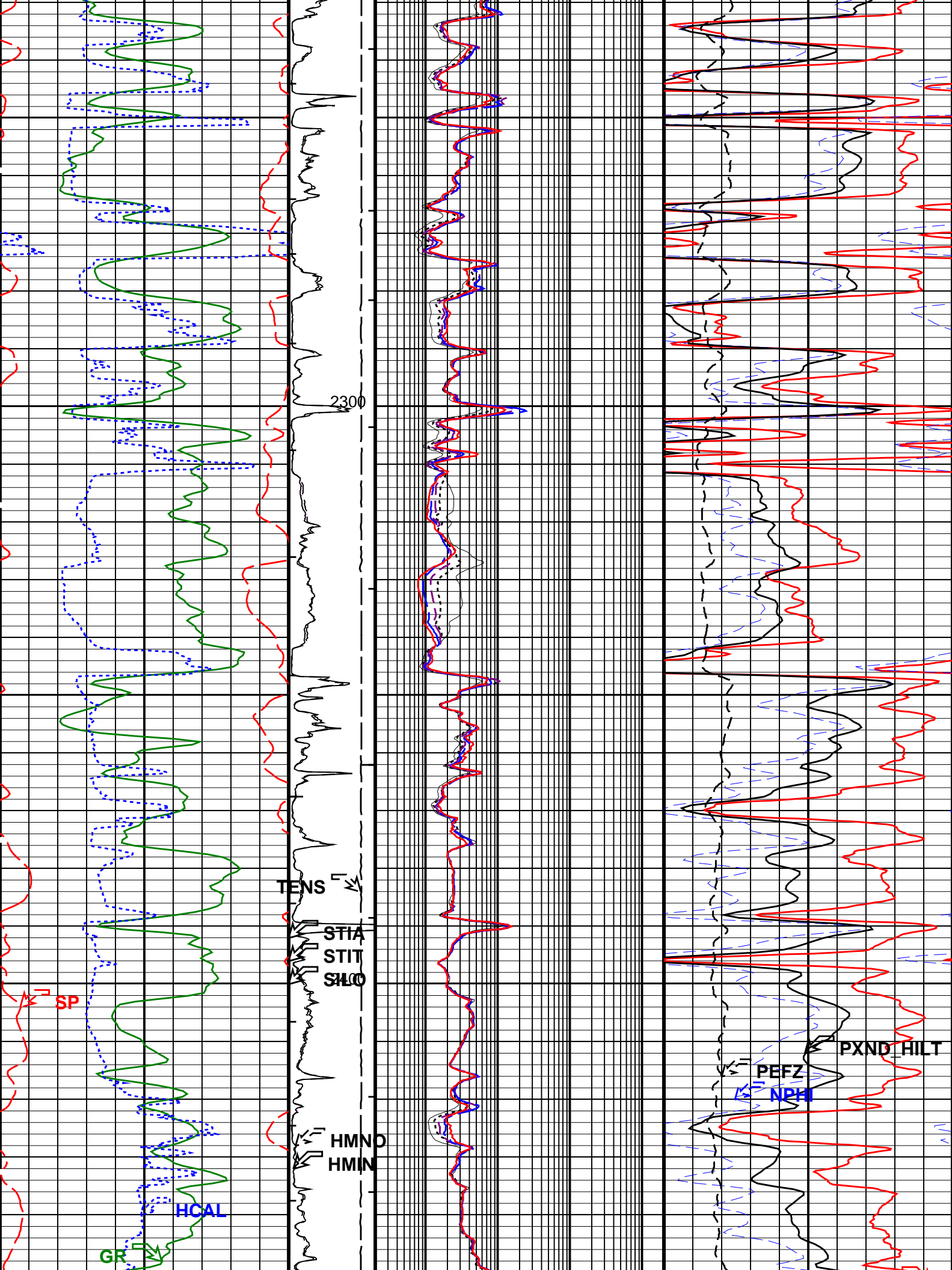




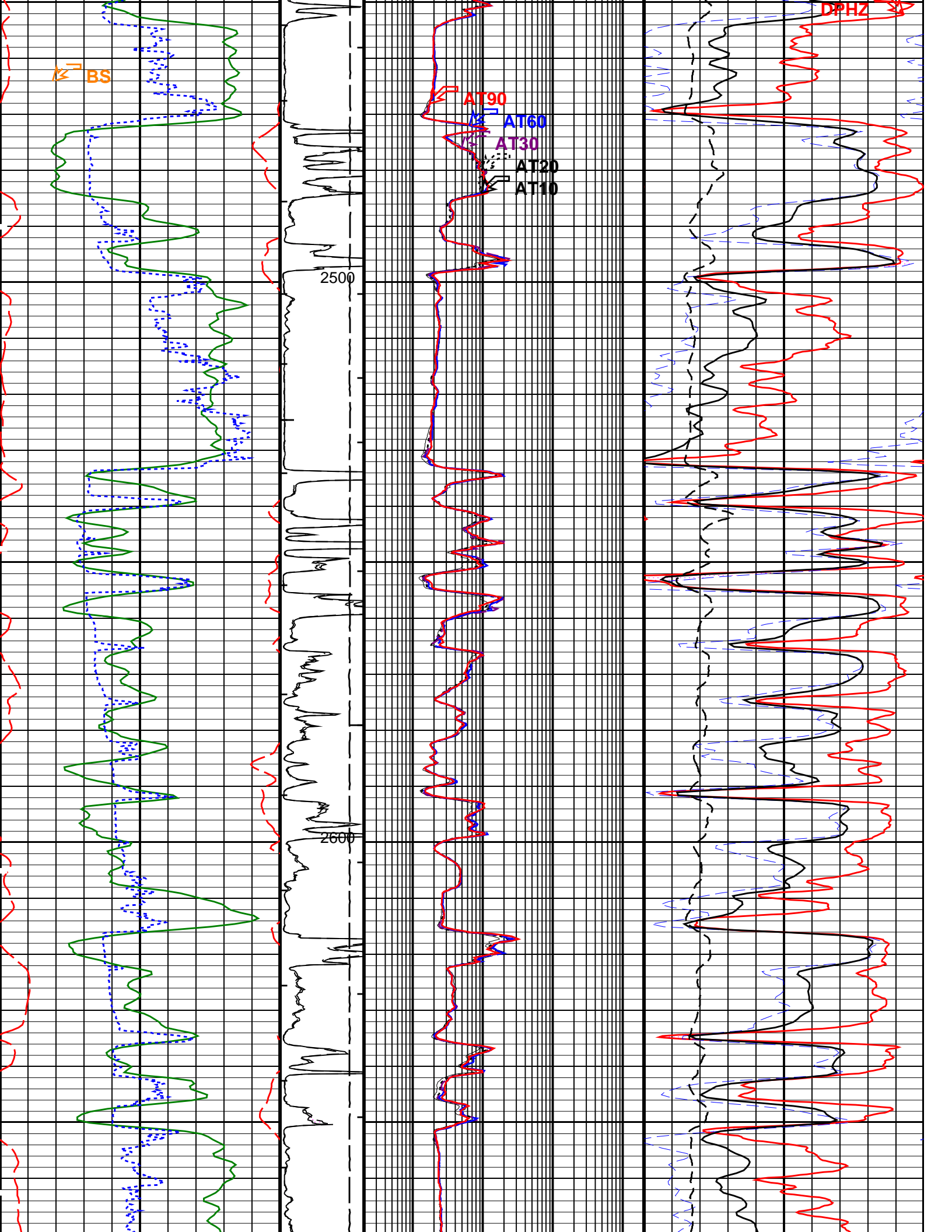


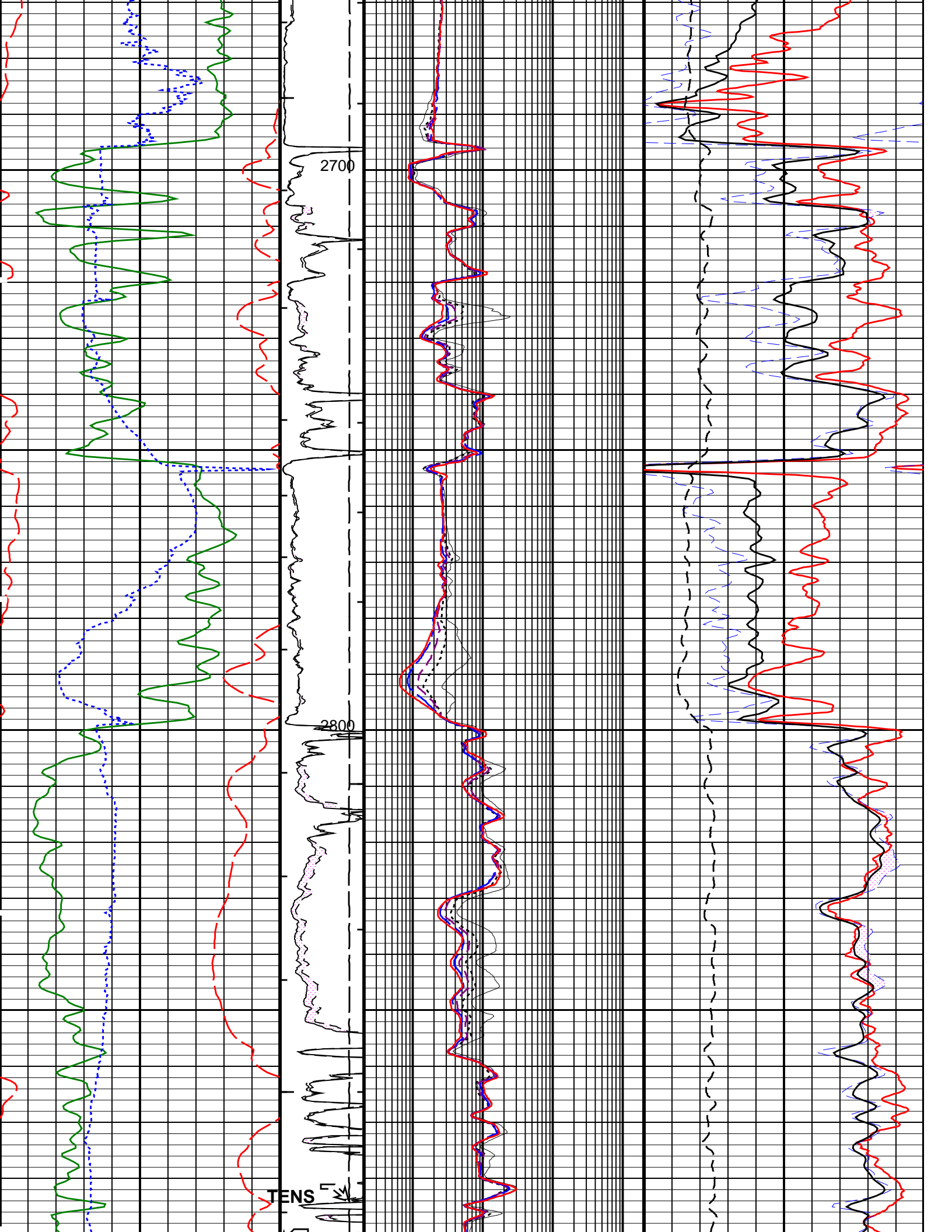


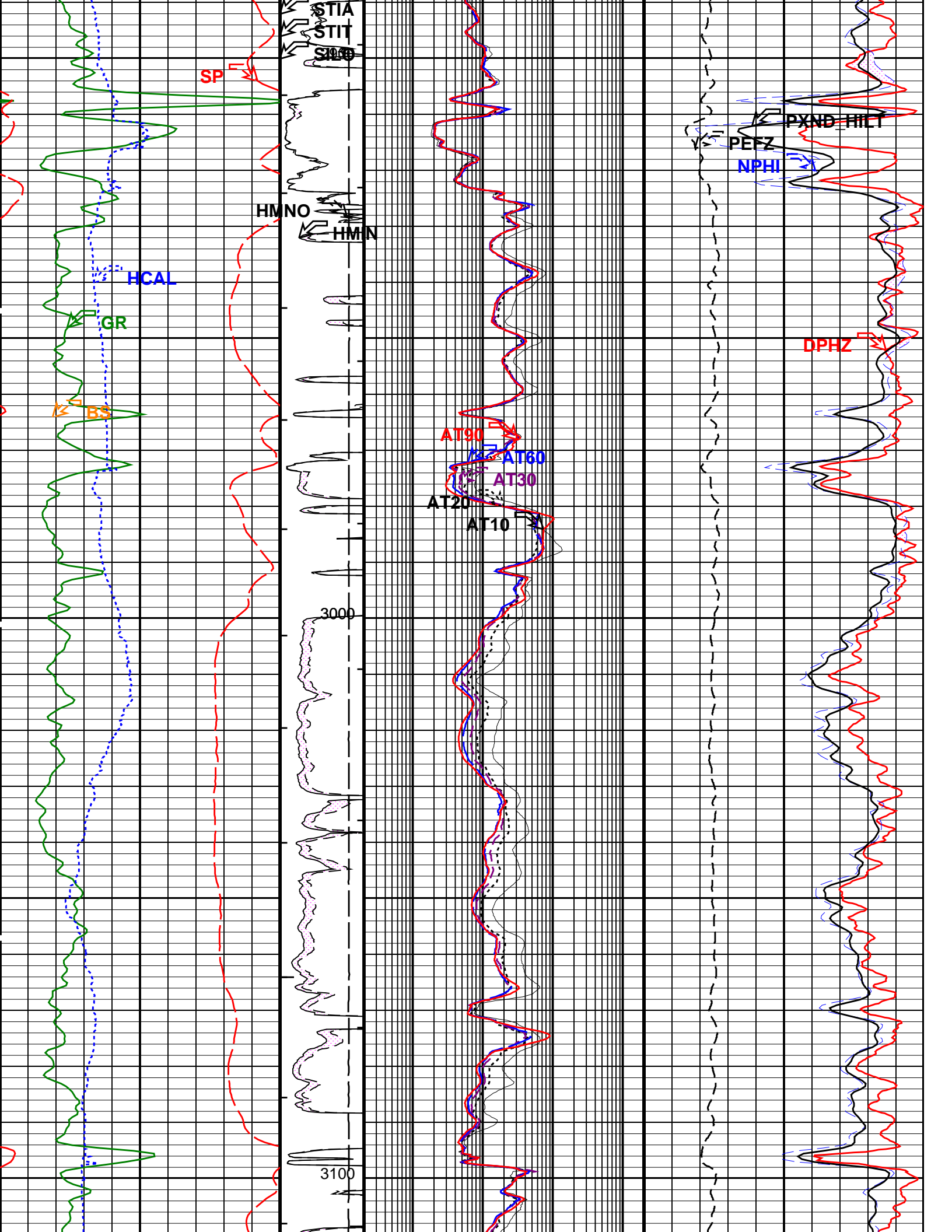


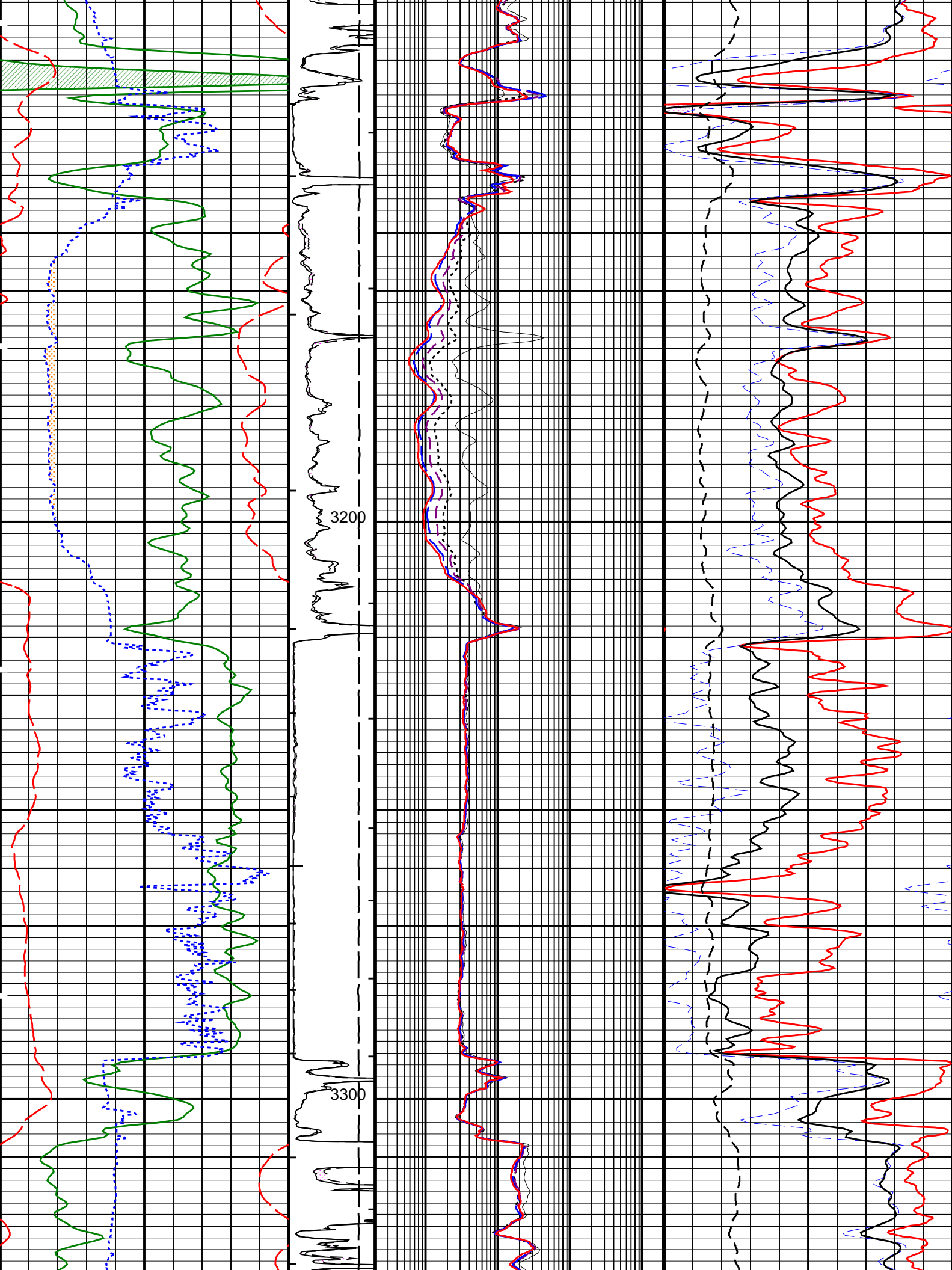


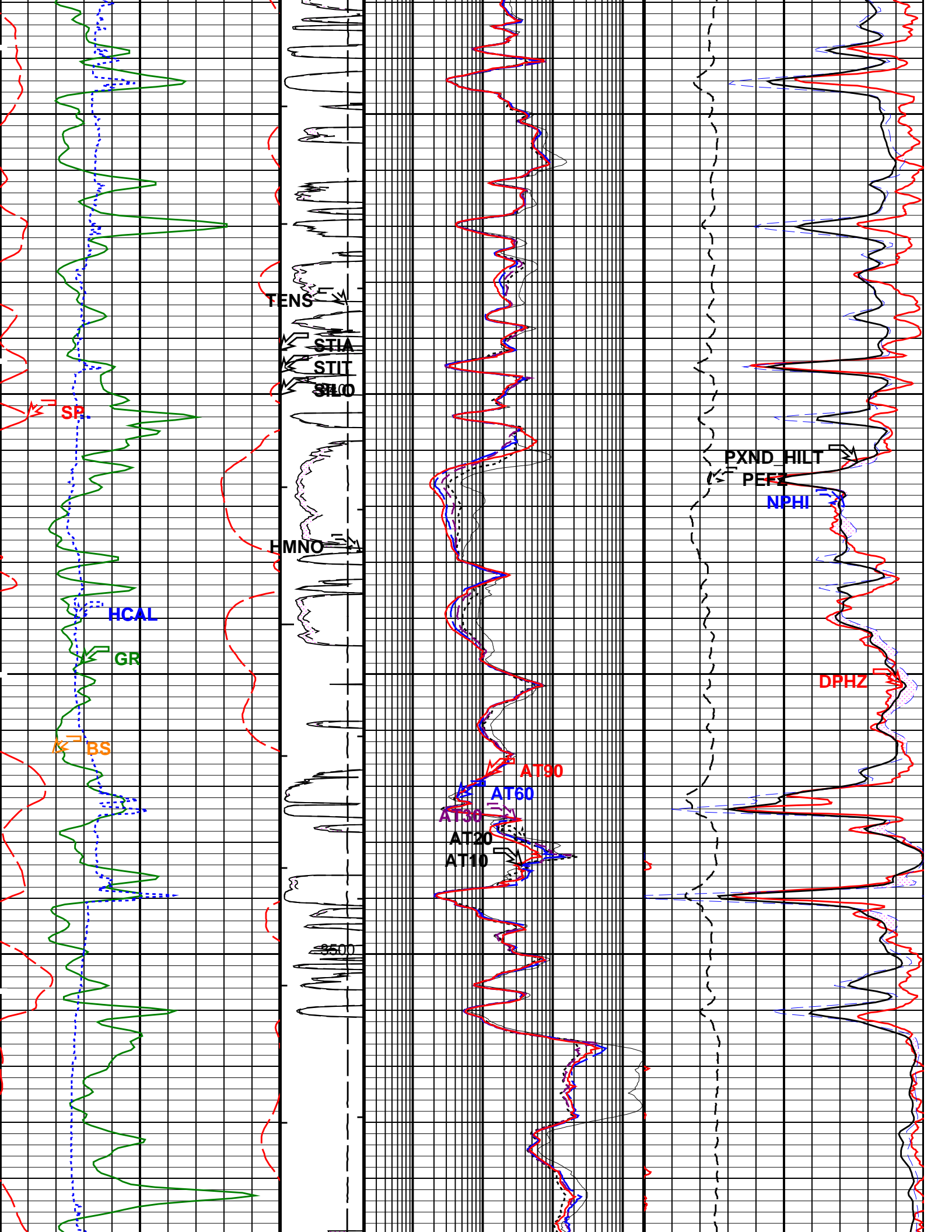


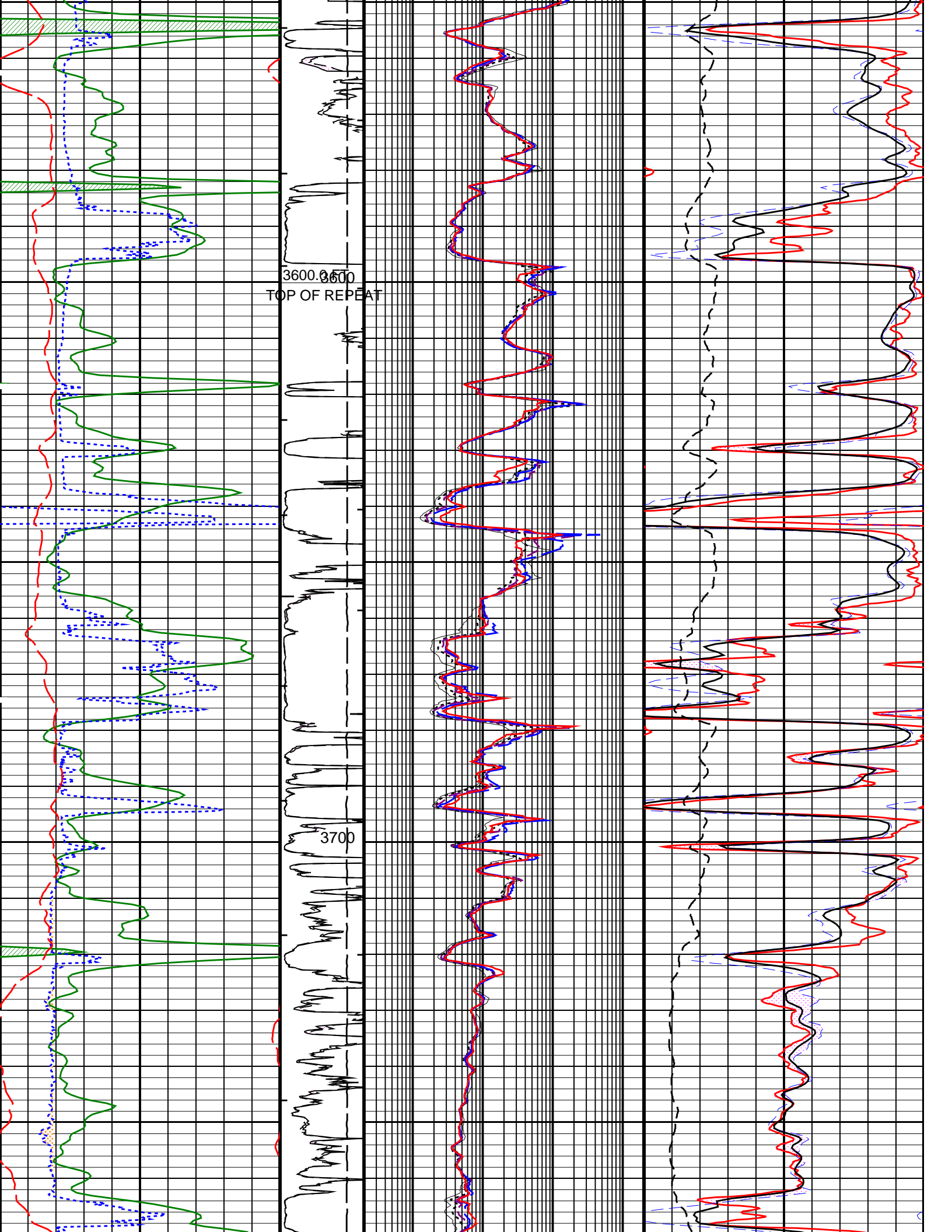


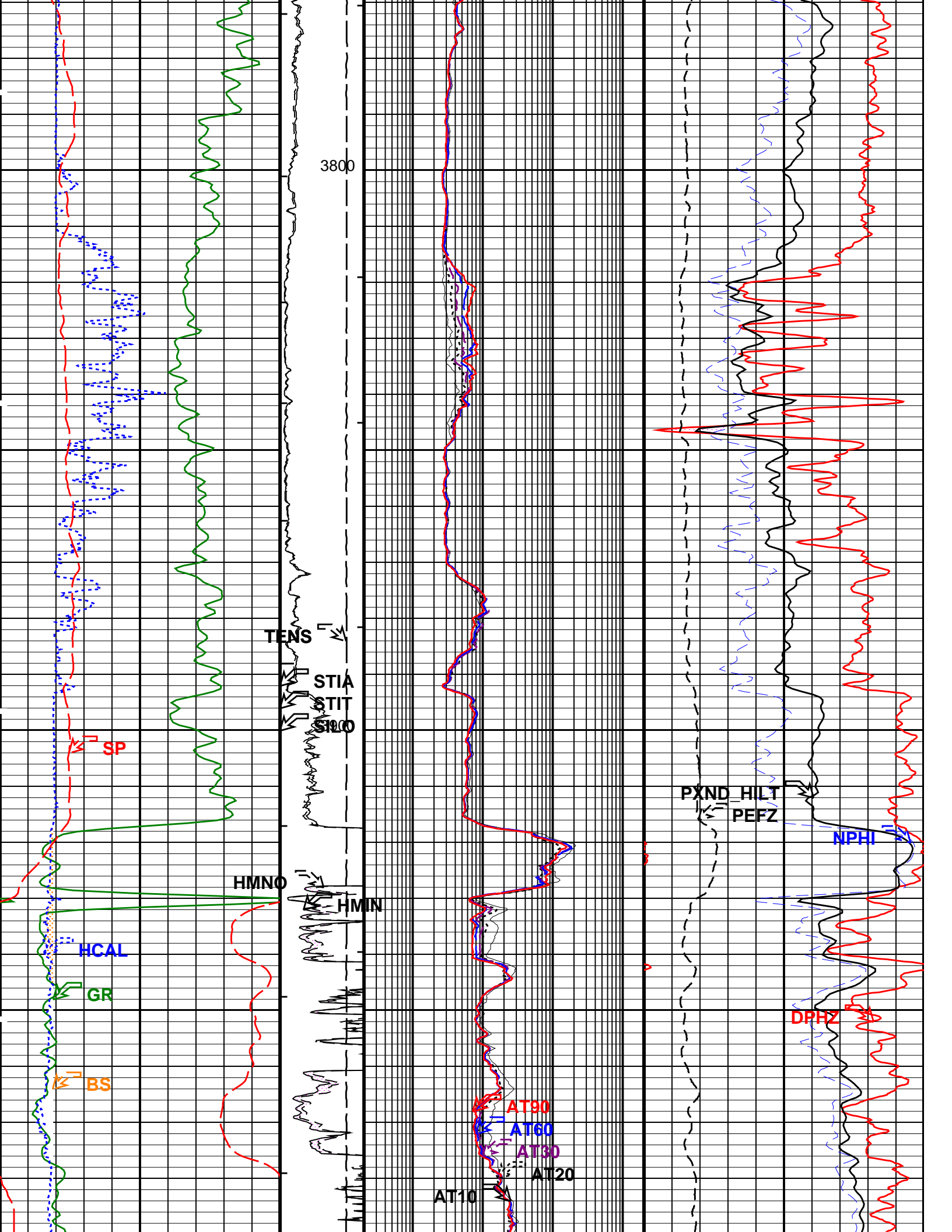
















0	Gamma Ray (GR) (GAPI)	150	Tension (TENS) (LBF)	AIT 10 Inch Investigation (AT10) (OHMM)	2000	Std. Res. Density Porosity (DPHZ) (V/V)	0.4	0
6	Caliper (HCAL) (IN)	16	Perm. From HMIN to HMNO	AIT 20 Inch Investigation (AT20) (OHMM)	2000	Neutron Porosity (NPHI) (V/V)	0.4	0
-160	SP (SP) (MV)	40	Computed Micro Inverse (HMIN) (OHMM)	AIT 30 Inch Investigation (AT30) (OHMM)	2000	Std. Res. Formation Pe (PEFZ) (----)	0	10
	GR_BackUp From T1 to GR_1		Computed Micro Normal (HMNO) (OHMM)	AIT 60 Inch Investigation (AT60) (OHMM)	2000	Hilt Porosity CrossPlot (PXND_HILT) (V/V)	0.4	0
	Area From HCAL to BS			AIT 90 Inch Investigation (AT90) (OHMM)	2000	Crossover From DPHZ to NPHI		

**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	Yes
ACEN	Array Induction Tool Centering Flag (in Borehole)	Eccentered
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	0.6 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)	100 DEGF
FEXP	Form Factor Exponent	2
FNUM	Form Factor Numerator	1
GCSE	Generalized Caliper Selection	HCAL
GDEV	Average Angular Deviation of Borehole from Normal	2.57 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	LIMESTONE
SHT	Surface Hole Temperature	35 DEGF
SPNV	SP Next Value	0 MV
HILTH-FTB: High resolution Integrated Logging Tool-DTS		
BHFL_TLD	HILT Nuclear Mud Base	WATER
BHS	Borehole Status	OPEN
BHT	Bottom Hole Temperature (used in calculations)	100 DEGF
DHC	Density Hole Correction	BS
FD	Fluid Density	1 G/C3
FEXP	Form Factor Exponent	2
FNUM	Form Factor Numerator	1
GCSE	Generalized Caliper Selection	NO

GCLF	Germany Coal-like Formation Option	NO	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	2.57	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	LIMESTONE	
MDEN	Matrix Density	2.71	G/C3
MPOF	MCFL Processing Operation Mode	ON	
NAAC	HRDD APS Activation Correction	OFF	
NMT	HILT Nuclear Mud Type	NOBARITE	
NPRM	HRDD Processing Mode	HiRes	
NSAR	HRDD Depth Sampling Rate	1	IN
SHT	Surface Hole Temperature	35	DEGF
<b>RWA: Apparent Water Resistivity</b>			
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
<b>FEQL: Formation Evaluation Quick Look</b>			
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
<b>HOLEV: Integrated Hole/Cement Volume</b>			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGF
FCD	Future Casing (Outer) Diameter	5.5	IN
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	2.57	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	LIMESTONE	
SHT	Surface Hole Temperature	35	DEGF
<b>PERT: Preliminary Evaluation - Real Time</b>			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGF
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	2.57	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	LIMESTONE	
SHT	Surface Hole Temperature	35	DEGF
<b>STI: Stuck Tool Indicator</b>			
LBFR	Trigger for MAXIS First Reading Label	TDL	
STKT	STI Stuck Threshold	2.5	FT
TDD	Total Depth - Driller	4201.00	FT
TDL	Total Depth - Logger	4198.00	FT
<b>System and Miscellaneous</b>			
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	25000.00	PPM
DFD	Drilling Fluid Density	9.10	LB/G
DORL	Depth Offset for Repeat Analysis	0.0	FT
FLEV	Fluid Level	-50000.00	FT
MST	Mud Sample Temperature	30.00	DEGF
TD	Total Depth	4198	FT

Format: COMBINED Vertical Scale: 5" per 100' Graphics File Created: 10-Mar-2010 11:31

## OP System Version: 17C0-154

AIT-M	17C0-154	HILTH-FTB	17C0-154
DTC-H	17C0-154		

## Output DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_013LUP	FN:24	PRODUCER	10-Mar-2010 11:31
RTB	AIT_TLD_MCFL_CNL_013LUP	FN:25	PRODUCER	10-Mar-2010 11:32
CUSTOMER	AIT_TLD_MCFL_CNL_013LUC	FN:26	CUSTOMER	10-Mar-2010 11:31

**Schlumberger**

Repeat Section 5" = 100'

### Input DLIS Files

DEFAULT AIT\_TLD\_MCFL\_CNL\_011LUP FN:18 PRODUCER 10-Mar-2010 10:59 4212.0 FT 3444.5 FT

### Output DLIS Files

DEFAULT AIT\_TLD\_MCFL\_CNL\_012PUP FN:21 PRODUCER 10-Mar-2010 11:29 4213.5 FT 3405.5 FT  
 RTB AIT\_TLD\_MCFL\_CNL\_012PUP FN:22 PRODUCER 10-Mar-2010 11:29 4213.5 FT 3405.5 FT  
 CUSTOMER AIT\_TLD\_MCFL\_CNL\_012PUC FN:23 CUSTOMER 10-Mar-2010 11:29 4213.5 FT 3405.5 FT

### Integrated Hole/Cement Volume Summary

Hole Volume = 287.82 F3  
 Cement Volume = 163.68 F3 (assuming 5.50 IN casing O.D.)  
 Computed from 4198.0 FT to 3446.0 FT using data channel(s) HCAL

### OP System Version: 17C0-154

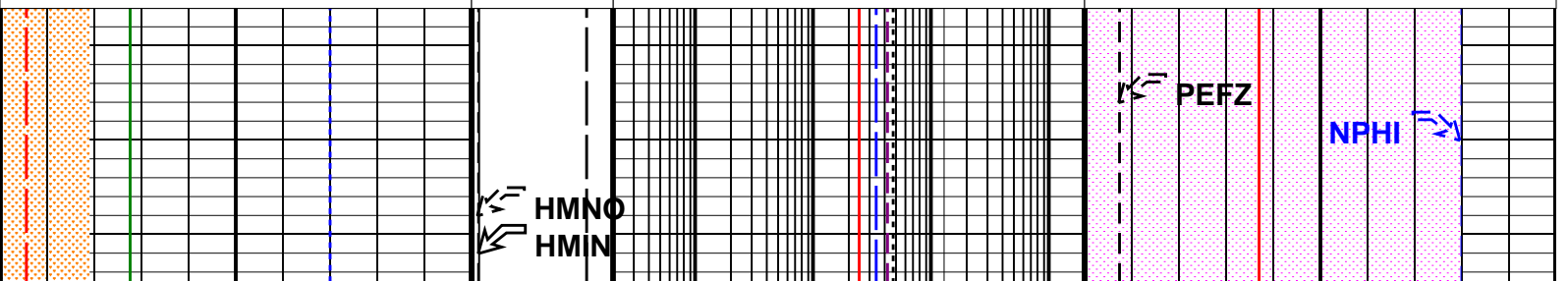
AIT-M 17C0-154 HILTH-FTB 17C0-154  
 DTC-H 17C0-154

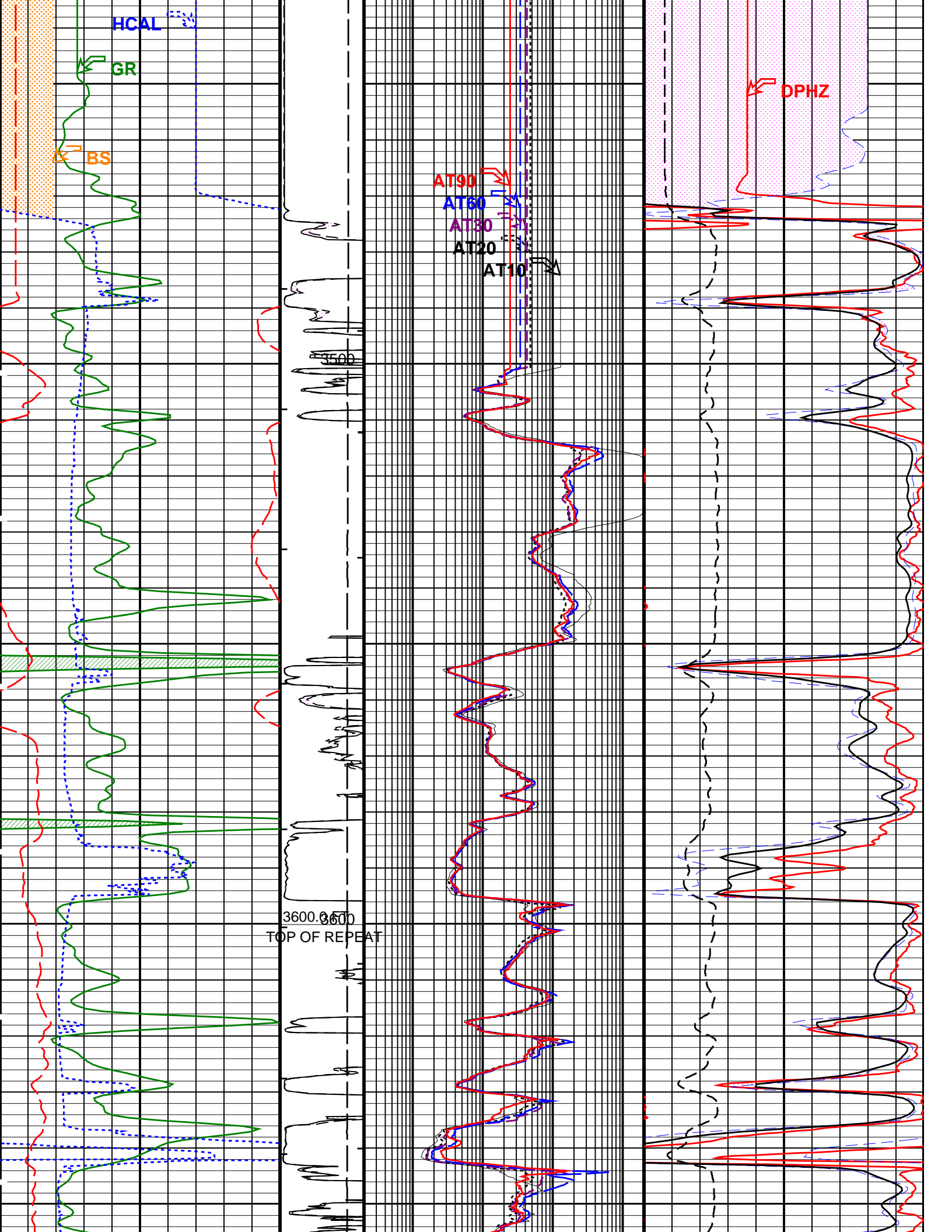
#### PIP SUMMARY

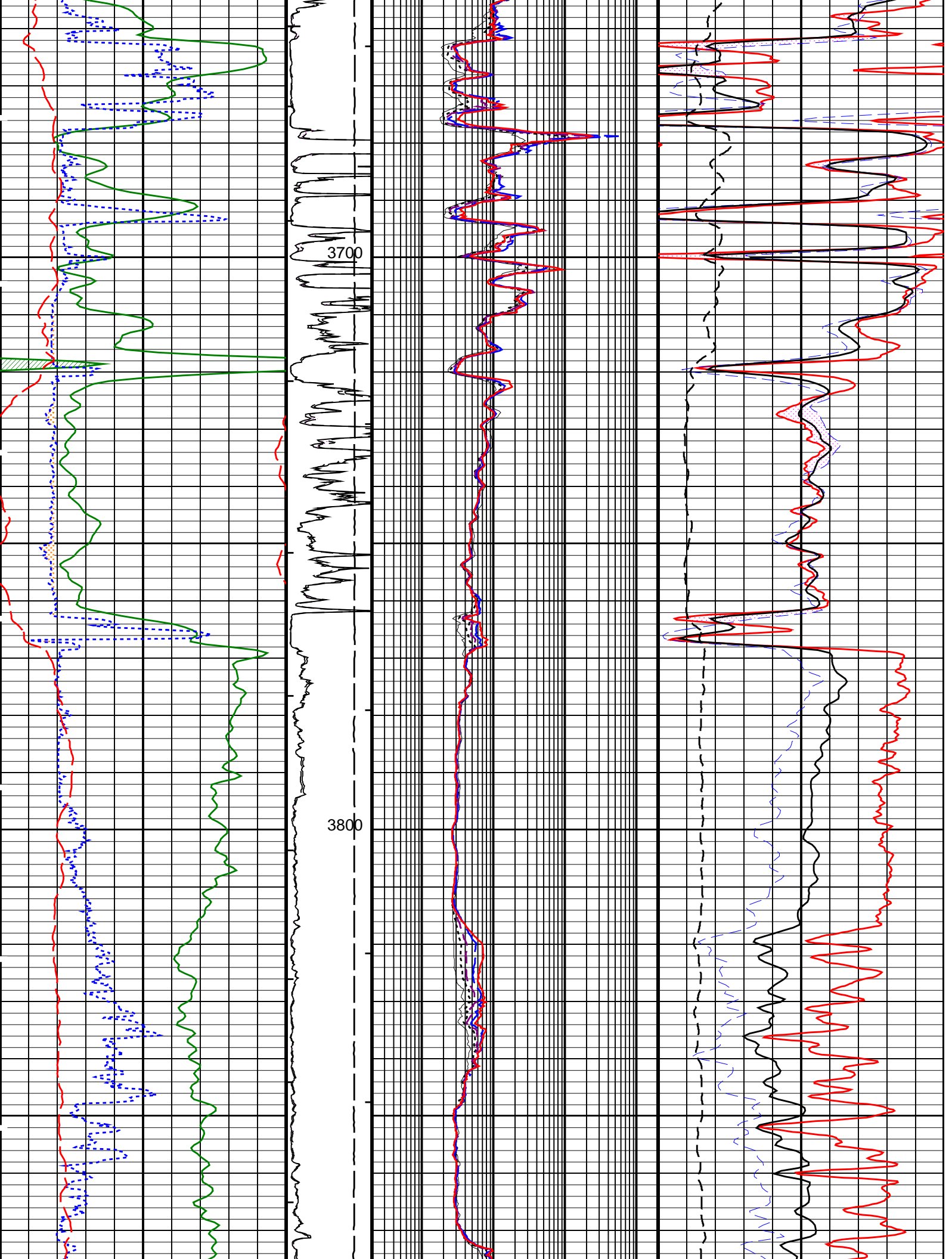
- └ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
  - └ Integrated Cement Volume Minor Pip Every 10 F3
  - └ Integrated Cement Volume Major Pip Every 100 F3

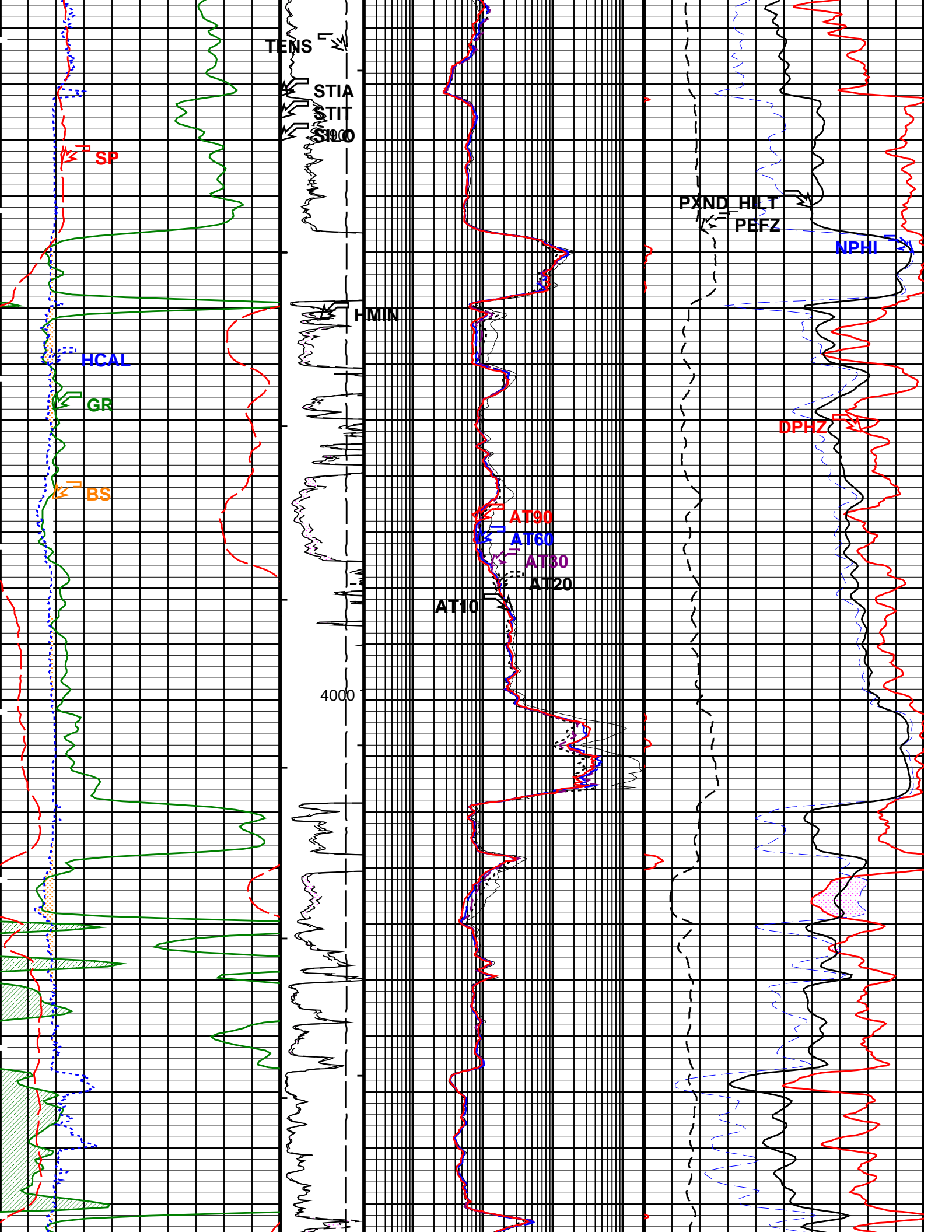
Time Mark Every 60 S

Area From HCAL to BS		AIT 90 Inch Investigation (AT90) 0.2 (OHMM) 2000	Crossover From DPHZ to NPHI
GR_BackUp From T1 to GR_1	Computed Micro Normal (HMNO) (OHMM) 0 20	AIT 60 Inch Investigation (AT60) 0.2 (OHMM) 2000	Hilt Porosity CrossPlot (PXND_HILT) 0.4 (V/V) 0
SP (SP) (MV) -160 40	Computed Micro Inverse (HMIN) (OHMM) 0 20	AIT 30 Inch Investigation (AT30) 0.2 (OHMM) 2000	Std. Res. Formation Pe (PEFZ) 0 (----) 10
Caliper (HCAL) (IN) 6 16	Perm. From HMIN to HMNO	AIT 20 Inch Investigation (AT20) 0.2 (OHMM) 2000	Neutron Porosity (NPHI) (V/V) 0.4 0
Gamma Ray (GR) (GAPI) 0 150	Tension (TENS) (LBF) 10000 0	AIT 10 Inch Investigation (AT10) 0.2 (OHMM) 2000	Std. Res. Density Porosity (DPHZ) (V/V) 0.4 0











## Parameters

DLIS Name	Description	Value	
<b>AIT-M: Array Induction Tool - M</b>			
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	Yes	
ACEN	Array Induction Tool Centering Flag (in Borehole)	Eccentered	
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	0.6	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)	100	DEGF
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	2.57	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	LIMESTONE	
SHT	Surface Hole Temperature	35	DEGF
SPNV	SP Next Value	0	MV
<b>HILTH-FTB: High resolution Integrated Logging Tool-DTS</b>			
BHFL_TLD	HILT Nuclear Mud Base	WATER	
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGF
DHC	Density Hole Correction	BS	
FD	Fluid Density	1	G/C3
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
GCLF	Germany Coal-like Formation Option	NO	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	2.57	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	LIMESTONE	
MDEN	Matrix Density	2.71	G/C3
MPOF	MCFL Processing Operation Mode	ON	
NAAC	HRDD APS Activation Correction	OFF	
NMT	HILT Nuclear Mud Type	NOBARITE	
NPRM	HRDD Processing Mode	HiRes	
NSAR	HRDD Depth Sampling Rate	1	IN
SHT	Surface Hole Temperature	35	DEGF
<b>RWA: Apparent Water Resistivity</b>			
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
<b>FEQL: Formation Evaluation Quick Look</b>			
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
<b>HOLEV: Integrated Hole/Cement Volume</b>			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGF
FCD	Future Casing (Outer) Diameter	5.5	IN
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	2.57	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	LIMESTONE	
SHT	Surface Hole Temperature	35	DEGF
<b>PERT: Preliminary Evaluation - Real Time</b>			
BHS	Borehole Status	OPEN	
BHT	Bottom Hole Temperature (used in calculations)	100	DEGF
FEXP	Form Factor Exponent	2	
FNUM	Form Factor Numerator	1	
GCSE	Generalized Caliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	2.57	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	LIMESTONE	
SHT	Surface Hole Temperature	35	DEGF
<b>STI: Stuck Tool Indicator</b>			
LBFR	Trigger for MAXIS First Reading Label	TDL	
STKT	STI Stuck Threshold	2.5	FT
TDD	Total Depth – Driller	4201.00	FT
TDL	Total Depth – Logger	4198.00	FT
<b>System and Miscellaneous</b>			
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	25000.00	PPM
DFD	Drilling Fluid Density	9.10	LB/G
DO	Depth Offset for Playback	1.0	FT
FLEV	Fluid Level	-50000.00	FT
MST	Mud Sample Temperature	30.00	DEGF
PP	Playback Processing	NORMAL	
TD	Total Depth	4198	FT

Format: COMBINED    Vertical Scale: 5" per 100'    Graphics File Created: 10-Mar-2010 11:29

### OP System Version: 17C0-154

AIT-M	17C0-154	HILTH-FTB	17C0-154
DTC-H	17C0-154		

#### Input DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_011LUP	FN:18	PRODUCER	10-Mar-2010 10:59	4212.0 FT	3444.5 FT
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#### Output DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_012PUP	FN:21	PRODUCER	10-Mar-2010 11:29	
RTB	AIT_TLD_MCFL_CNL_012PUP	FN:22	PRODUCER	10-Mar-2010 11:29	
CUSTOMER	AIT_TLD_MCFL_CNL_012PUC	FN:23	CUSTOMER	10-Mar-2010 11:29	

**Company: NEW GULF OPERATING LLC**



**Well: BEVERLY #1**  
**Field: VINCENT**  
**County: RENO**  
**State: KANSAS**

TRIPLE COMBO LOG

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 34192  
 Name: NEW GULF OPERATING, LLC.  
 Address 1: 6310 E. 102 ST.  
 Address 2: \_\_\_\_\_  
 City: TULSA State: OK Zip: 74137 + \_\_\_\_\_  
 Contact Person: WINK KOPCZYNSKI  
 Phone: ( 918 ) 728-3020  
 CONTRACTOR: License # 5929  
 Name: DUKE DRILLING CO. INC.  
 Wellsite Geologist: JOE BAKER  
 Purchaser: WEST WICHITA  
 Designate Type of Completion:  
 \_\_\_\_\_ New Well  Re-Entry \_\_\_\_\_ Workover  
 \_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW  
 Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
 \_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd.  
 \_\_\_\_\_ Dry \_\_\_\_\_ Other \_\_\_\_\_  
 (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:  
 Operator: VESS OIL COMPANY  
 Well Name: MILLER #1-12  
 Original Comp. Date: 1/26/94 Original Total Depth: 3820  
 Deepening  Re-perf. \_\_\_\_\_ Conv. to Enhr. \_\_\_\_\_ Conv. to SWD  
 \_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 \_\_\_\_\_ Commingled Docket No.: \_\_\_\_\_  
 \_\_\_\_\_ Dual Completion Docket No.: \_\_\_\_\_  
 \_\_\_\_\_ Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  

<u>3-2-10</u>	<u>3-10-10</u>	<u>3-23-10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 155-21310-0000  
 Spot Description: \_\_\_\_\_  
 \_\_\_\_\_\_SE\_NW\_NW Sec. 12 Twp. 24 S. R. 10  East  West  
4290 Feet from  North /  South Line of Section  
2970 Feet from  East /  West Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
 County: Reno  
 Lease Name: BEVERLY Well #: 1  
 Field Name: N/A  
 Producing Formation: Mississippi  
 Elevation: Ground: 1729 Kelly Bushing: 1737  
 Total Depth: 4201 Plug Back Total Depth: 4010  
 Amount of Surface Pipe Set and Cemented at: 247 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set: \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from: \_\_\_\_\_  
 feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content: 3700 ppm Fluid volume: 1120 bbls  
 Dewatering method used: \_\_\_\_\_  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
 Title: Office Administrator Date: 9-2-10  
 Subscribed and sworn to before me this 2nd day of September  
2010.  
 Notary Public: [Signature]  
 Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

\_\_\_\_\_ Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 \_\_\_\_\_ Wireline Log Received  
 \_\_\_\_\_ Geologist Report Received  
 \_\_\_\_\_ UIC Distribution

STATE OF KANSAS - CORPORATION COMMISSION

FORM CG-1

MULTIPOINT BACK PRESSURE TEST

TYPE TEST:  Initial  Annual  Special TEST DATE: 7/14/10

COMPANY: New Gulf Energy, LLC LEASE: Beverly WELL NO.: 1

COUNTY: Reno LOCATION: SENE SECTION: 12 TWP: 24S RNG: 10W ACRES:

FIELD: Reservoir: Miss. PIPELINE CONNECTION: None

COMPLETION DATE: 3/10 PLUG BACK TOTAL DEPTH: CIBP 3900 PACKER SET AT: none

CASING SIZE: 5.5 WT. ID. SET AT: 4131 PERF. TO: 3726 3739

TUBING SIZE: 2.375 WT. ID. SET AT: 4032 PERF. TO:

TYPE COMPLETION (Describe): single TYPE FLUID PRODUCTION: Oil & SW

PRODUCING THRU: tubing REBERVOIR TEMPERATURE F: BAR PRESS - P<sub>a</sub>: 14.4 Psia

GAS GRAVITY - G<sub>g</sub>: .751 % CARBON DIOXIDE: .0233 % NITROGEN: 26.5565 API GRAVITY OF LIQUID:

VERTICAL DEPTH (H): TYPE METER CONN.: none (METER RUN) (PROVER) SIZE: 2"

REMARKS: Tested to atmosphere

OBSERVED DATA

DURATION OF SHUT-IN: 72 HR.

RATE No.	ORIFICE SIZE in.	(METER) (PROVER) PRESSURE psig	DIFP. (h <sub>w</sub> ) (h <sub>d</sub> )	FLOWING TEMP. t	WELL-HEAD TEMP. t	CASING WELLHEAD PRESS.		TUBING WELLHEAD PRESS.		DUR-ATION HOURS	LIQUID PROD. Bbls.
						psig	(P <sub>w</sub> )(P <sub>t</sub> )(P <sub>c</sub> ) psia	psig	(P <sub>w</sub> )(P <sub>t</sub> )(P <sub>c</sub> ) psia		
SHUT IN						1132	1146.4	1132	1146.4	72	
1	.375	98	--	90		1083	1097.4	1083	1097.4	.75	0
2	"	159	--	96		1046	1060.4	1046	1060.4	.75	0
3	"	216	--	96		1000	1014.4	836	850.4	.75	trace
4	"	255	--	87		933	947.4	716	730.4	.75	.5
5											

RATE OF FLOW CALCULATIONS

RATE NO.	COEFFICIENT (F <sub>d</sub> )(F <sub>p</sub> ) Mcfd	(METER) (PROVER) PRESSURE psia	EXTENSION $\sqrt{P_m z h_w}$	GRAVITY FACTOR F <sub>g</sub>	FLOWING TEMP. F <sub>t</sub>	DEVIATION FACTOR F <sub>pv</sub>	RATE OF FLOW Q Mcfd	GOR	G <sub>m</sub>
1	2.439	112.4	--	1.155	.9723	--	308		
2	"	173.4	--	"	.9671	--	472		
3	"	230.4	--	"	.9671	--	628		
4	"	269.4	--	"	.9750	--	740		
5									

PRESSURE CALCULATIONS

RATE NO.	P <sub>t</sub> psia	P <sub>c</sub> psia	P <sub>w</sub> psia	(P <sub>c</sub> ) <sup>2</sup> THOUSANDS	(P <sub>w</sub> ) <sup>2</sup> THOUSANDS	PLOTING POINTS		100 $\left[ \frac{P_w - P_a}{P_c - P_a} \right]$
						(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> THOUSANDS	Q Mcfd	
1	1097.4	1146.4	1097.4	1314.2	1204.3	109.9	308	95.7
2	1060.4	"	1060.4	"	1124.4	189.8	472	92.4
3	850.4	"	1014.4	"	1029.0	285.2	628	88.4
4	730.4	"	947.4	"	897.5	416.7	740	82.6
5								

INDICATED WELLHEAD OPEN FLOW 1,900 Mcfd @ 14.65 psia "n" = .741

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Executed this the 26th day of July, 2010.

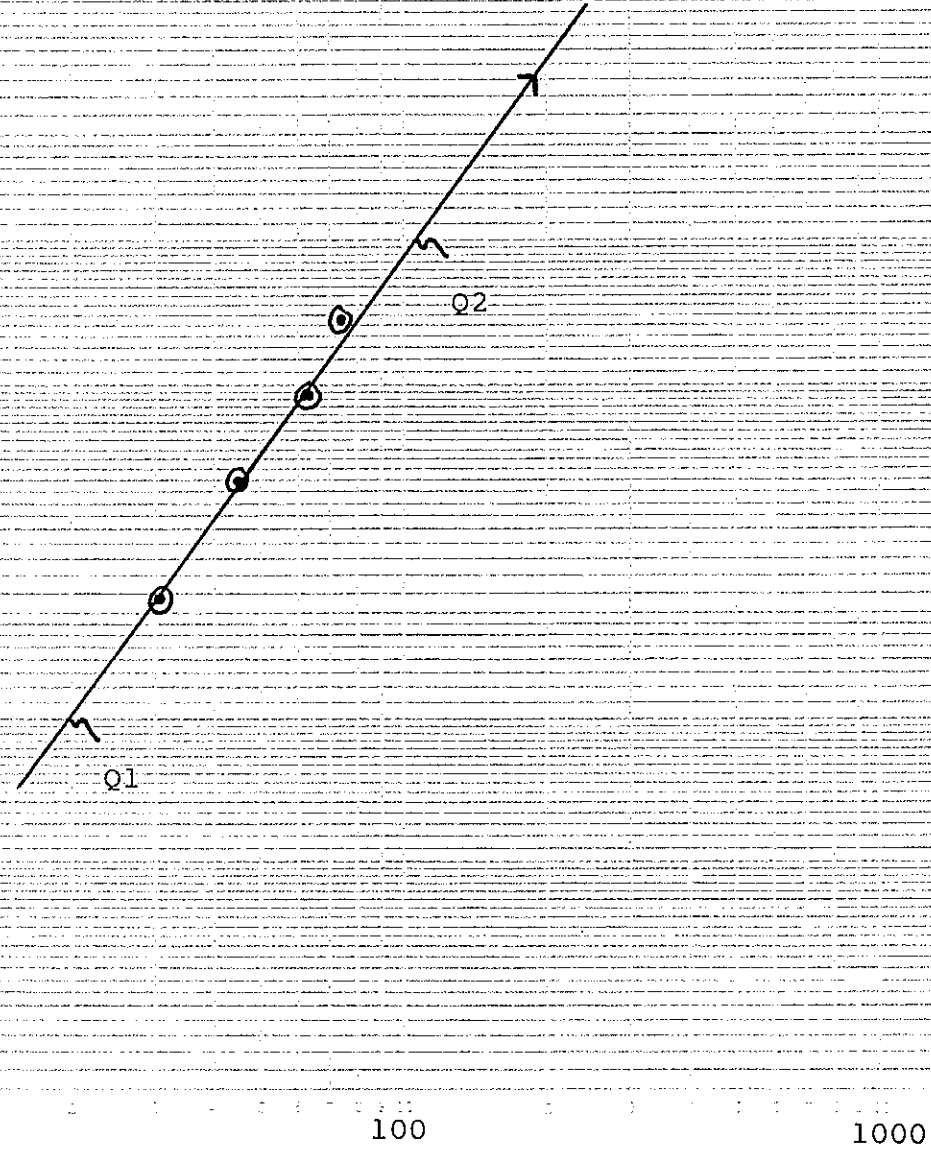
Witness (if any)  
For Commission

*[Signature]*  
For Company  
GCM, LLC  
Checked by

NewGulf Energy, LLC  
Beverly #1  
SENE Sec.12-24S-10W  
Reno County  
Tested 7/14/10

Pc2  
1000

100



Q2 - 1075 - Log: 3.031  
Q1 - 195 - Log: 2.290  
"n" = .741

# MEASUREMENT SOLUTIONS INC.

6705 East 81st Street Suite 155 Tulsa, OK 74133  
Telephone 918-493-2700 Fax 918-493-2704

Page 1

7/23/2010

## GAS ANALYSIS REPORT

<b>METER NUMBER :</b>	891007	<b>SAMPLE TYPE :</b>	SPOT
<b>METER NAME :</b>	BEVERLY #1	<b>SAMPLE DATE :</b>	07/14/2010
<b>METER ID :</b>	NEW GULF	<b>SAMPLE PRES / TEMP :</b>	115 / 84
<b>PRODUCER :</b>		<b>SAMPLED BY :</b>	G. MAIER
<b>COMPANY</b>	NEW GULF OPERATING	<b>EFFECTIVE DATE :</b>	07/01/2010

<u>COMPONENT</u>		<u>PERCENT</u>	<u>BTU VALUES @ 14.65</u>		<u>BTU VALUES @ 14.73</u>	
Helium	He	0.7245	REAL DRY	874.12	REAL DRY	878.89
Oxygen	O2	0.0000	REAL WET	858.82	REAL WET	863.51
Hydrogen Sulfide	H2S	0.0000				
Carbon Dioxide	CO2	0.0233				
Nitrogen	N2	26.5565				
Methane	C1	62.3389	<u>GPM VALUES @ 14.65</u>		<u>GPM VALUES @ 14.73</u>	
Ethane	C2	5.1169	C2	1.3603	C2	1.3677
Propane	C3	3.0404	C3	0.8326	C3	0.8371
I-Butane	iC4	0.4657	iC4	0.1515	iC4	0.1523
N-Butane	nC4	1.0549	nC4	0.3308	nC4	0.3326
I-Pentane	iC5	0.2326	iC5	0.0847	iC5	0.0851
N-Pentane	nC5	0.2963	nC5	0.1067	nC5	0.1073
Hexane Plus	C6+	0.1500	C6+	0.0651	C6+	0.0654
TOTALS		100.0000		2.9317		2.9475

### SPECIFIC GRAVITY

REAL DRY 0.7530  
REAL WET 0.7507

### COMPRESSIBILITY FACTOR

Z FACTOR DRY 0.9980  
Z FACTOR WET 0.9980

### GALLONS PER THOUSAND

#### GPM TOTALS @ 14.65

C2 + GPM 2.9317  
C3 + PGM 1.5714  
C4 + GPM 0.7388  
C5 + GPM 0.2565

#### GPM TOTALS @ 14.73

C2 + GPM 2.9475  
C3 + PGM 1.5798  
C4 + GPM 0.7427  
C5 + GPM 0.2578

### COMMENTS :