



**DISCLAIMER**

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
OTHER SERVICES1 OS1: WSTA OS2: OS3: OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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REMARKS: RUN NUMBER 1 Hole drilled with LWD. All depths in Meters Below Rig Floor (MBRF). Hole flushed with Sepiolite Sea Floor Driller- 1066 MBRF. Sea Floor Logger- 1064 MBRF. Total Depth Driller- 1678 MBRF. Total Depth Logger- 1574 MBRF. Casing Bottom Driller- 1115 MBRF. Casing Bottom Logger- 1111 MBRF. Could not reach Total Depth. Down Log and Two up passes.	REMARKS: RUN NUMBER 2
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RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		12C0-301	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

**EQUIPMENT DESCRIPTION**

RUN 1		RUN 2	
<b>SURFACE EQUIPMENT</b>			
GSR-U 166 WITM (DTS)-A			

<b>DOWNHOLE EQUIPMENT</b>			
LEH-QT			27.76
LEH-QT			
DTC-H	CTEM		26.59
ECH-KC	TelStatus		26.87
	ToolStatu		25.95
HNGS-BA	Upper_1		25.25
HNGS-BA 104	Lower_2		25.04
			25.95

HNGS-BA 194  
HNSH-BA 205

Lower\_Z

25.04

HNGC-B  
HNGH-A 115  
HNGC-B 300  
AH-MCD  
AH-MCD

HNGC Stat

22.92

23.45

22.39

DSST-B  
SPAC-B 8128  
ECH-SD 8128  
SMDR-BD 8076  
SSIJ-BA 8127  
SMDX-AA 8148

20.26

PWF

4.72

AH-MCD  
AH-MCD

4.72

DTA-A  
ECH-KE  
DTA-A 8231

2.44

GPIT-A/B  
GPIC-A 840  
GPIH-A

HV DF  
Tension GPIT

0.00

1.22

TOOL ZERO

MAXIMUM STRING DIAMETER 4.50 IN  
MEASUREMENTS RELATIVE TO TOOL ZERO  
ALL LENGTHS IN METERS

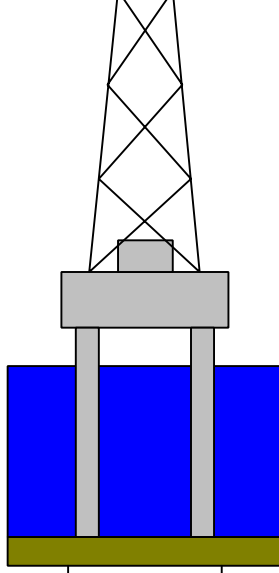
Production String	(in)	(m)	Well Schematic	(m)	(in)	Casing String
	OD	ID		MD	MD	

Kelly Bushing Elevation

10.6

Mean Sea Level

0.0



0.0 5.500

Casing String



1064.6 9.875  
1115.6 5.500

Borehole Segment  
Casing Shoe

1678.0 9.875

Borehole Segment Bottom

**Schlumberger**

SECOND PASS

MAXIS Field Log

Output DLIS Files

DEFAULT      DSI\_NGS\_017LUP      FN:17    PRODUCER    20-Jun-2005 01:43    1575.1 M    1057.4 M

OP System Version: 12C0-301  
MCM

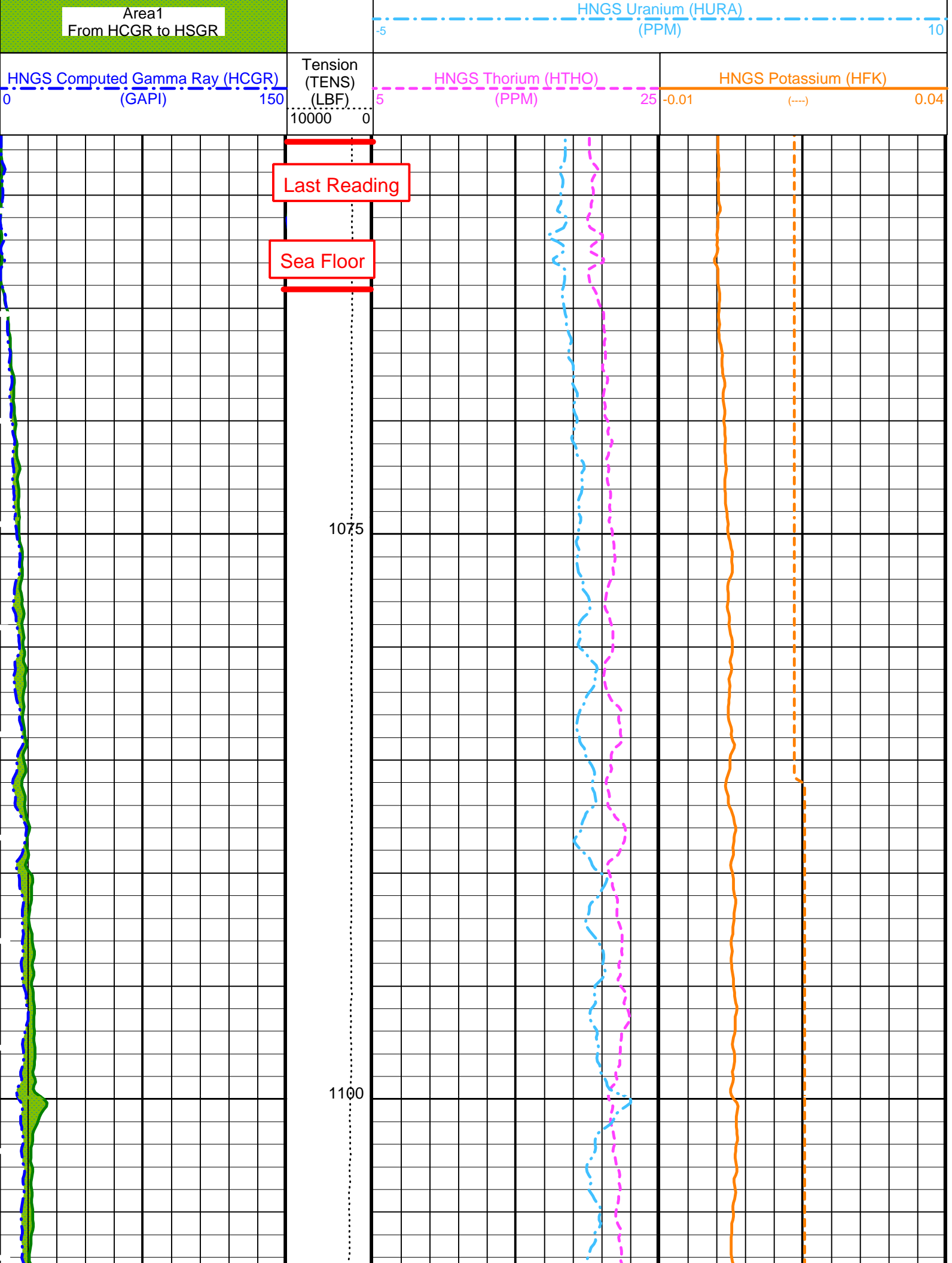
GPIT-A/B	12C0-301	DTA-A	12C0-301
DSST-B	12C0-301	HNGC-B	12C0-301
HNGS-BA	12C0-301	DTC-H	12C0-301

PIP SUMMARY

▶ Time Mark Every 60 S

HNGS Spectroscopy Gamma Ray (HSGR)		
0	(GAPI)	150

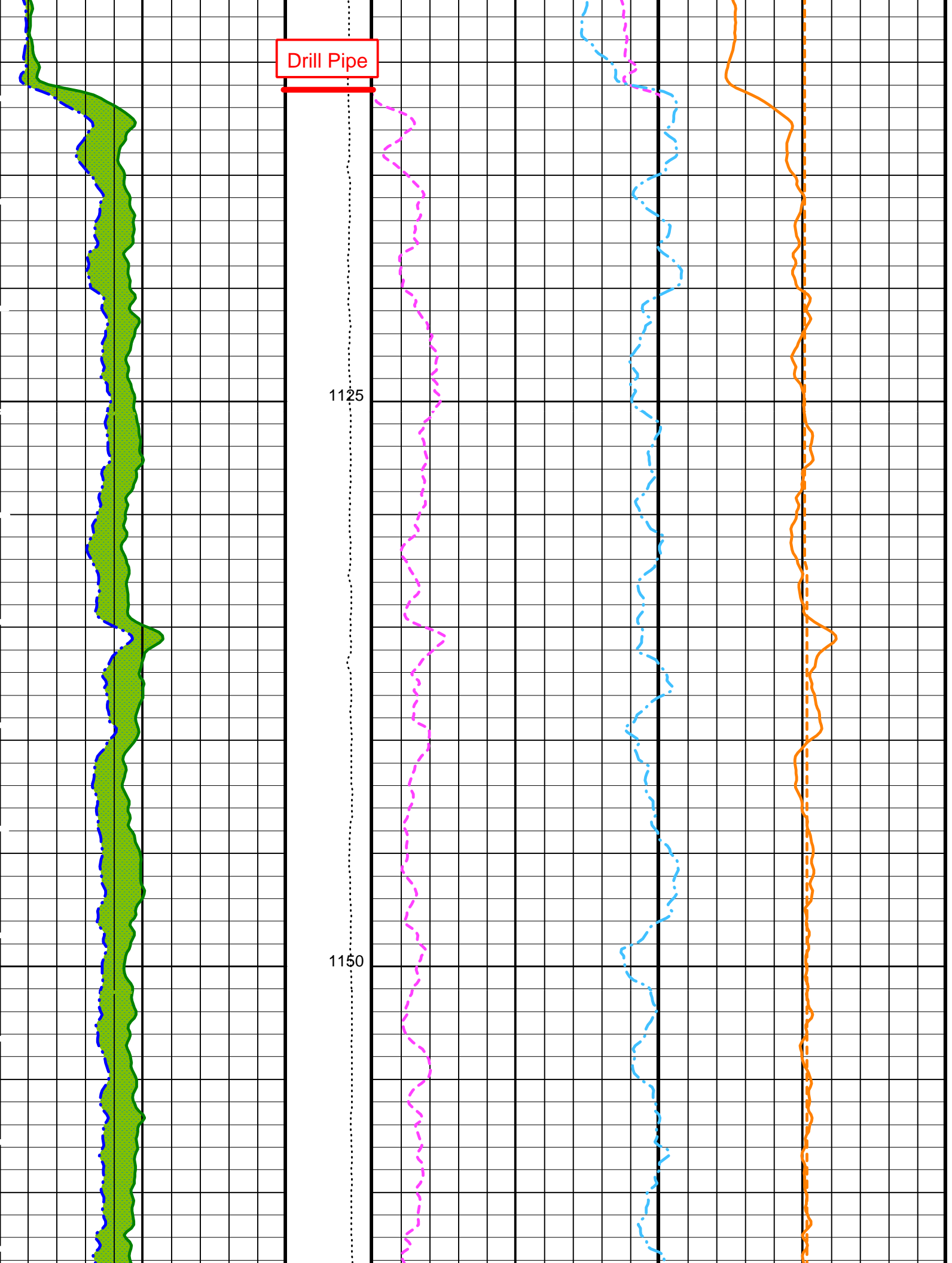
HNGS Borehole Potassium (HBHK)		
-0.05	(----	0.05

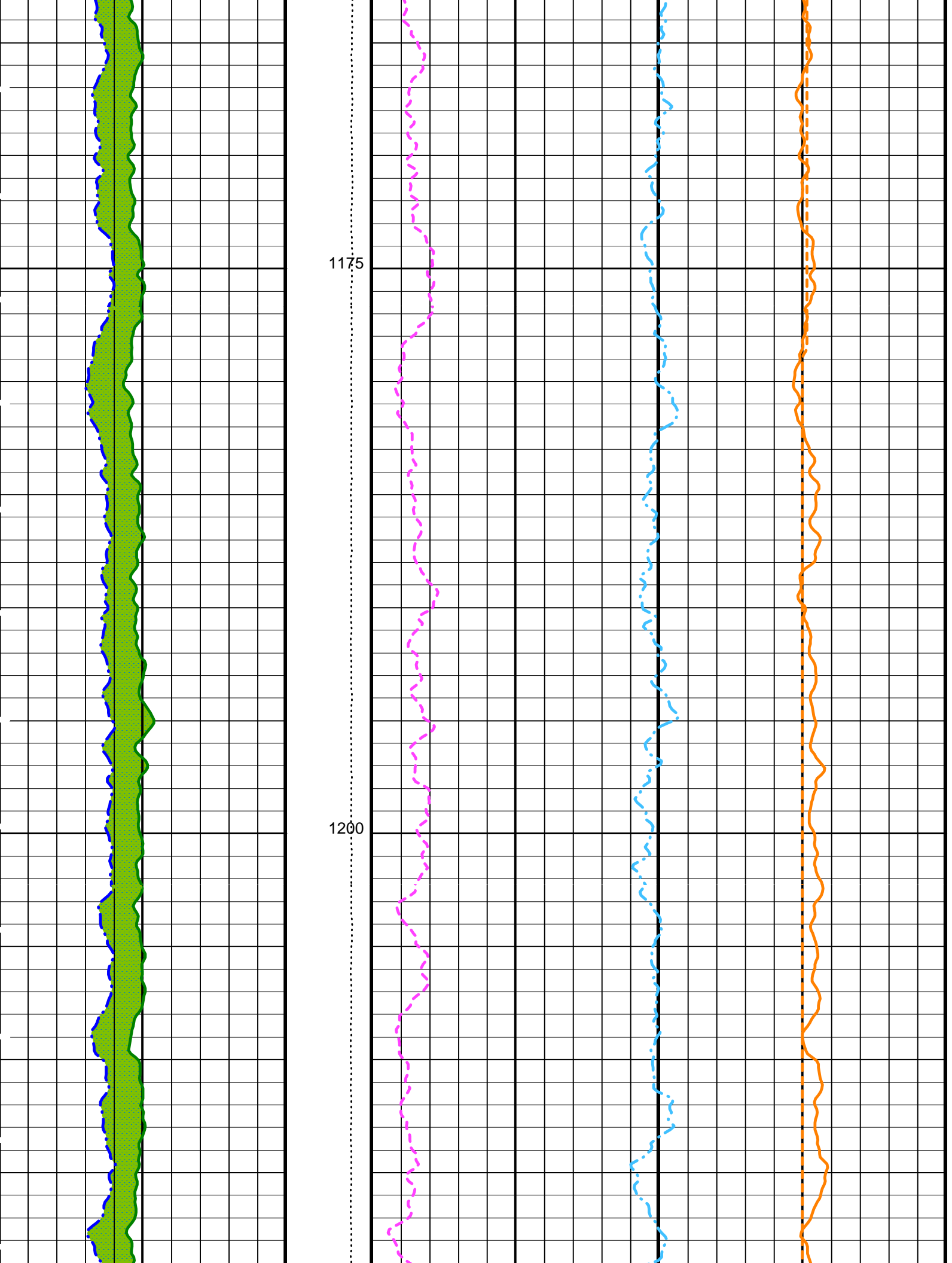


Drill Pipe

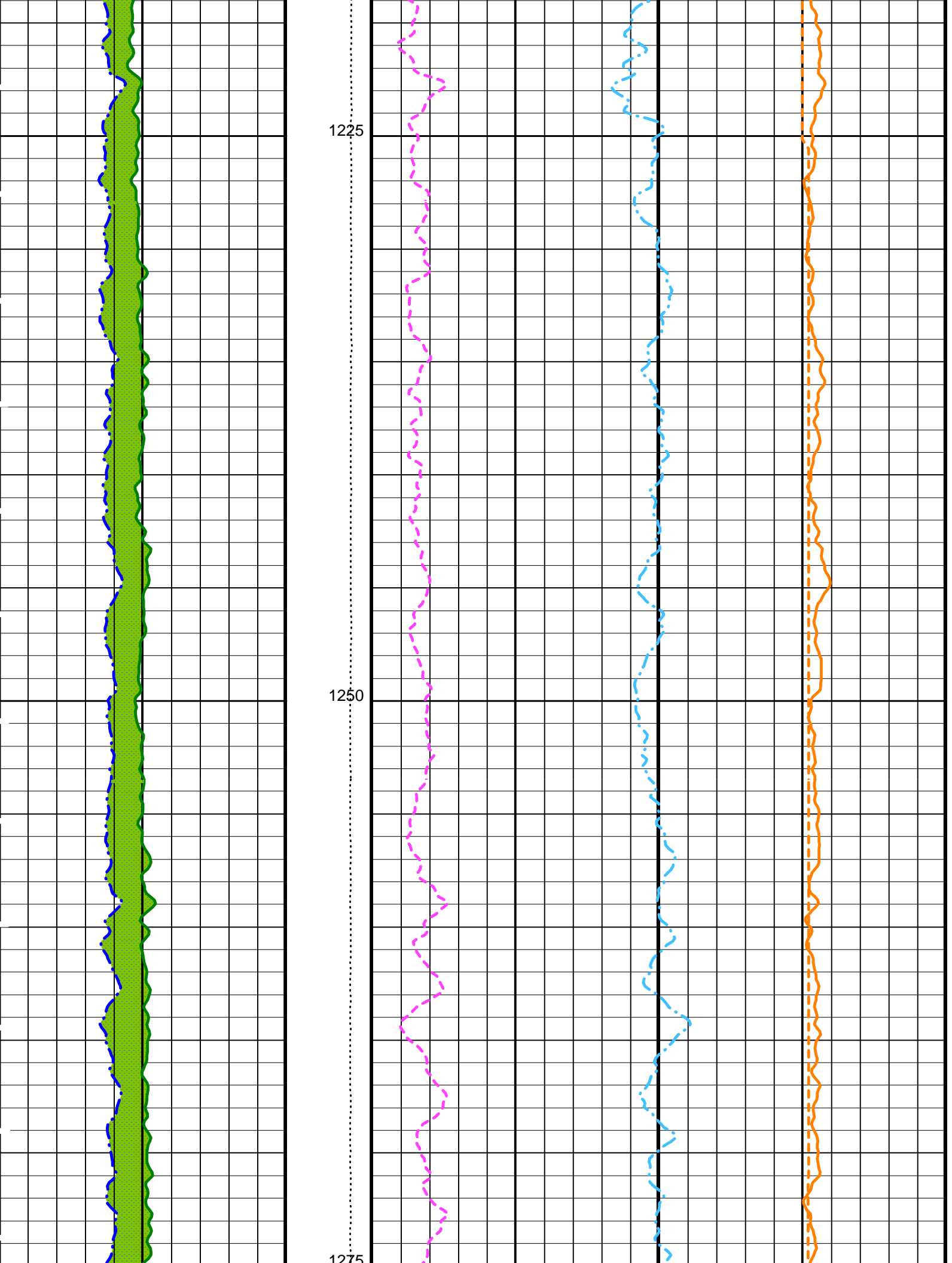
1125

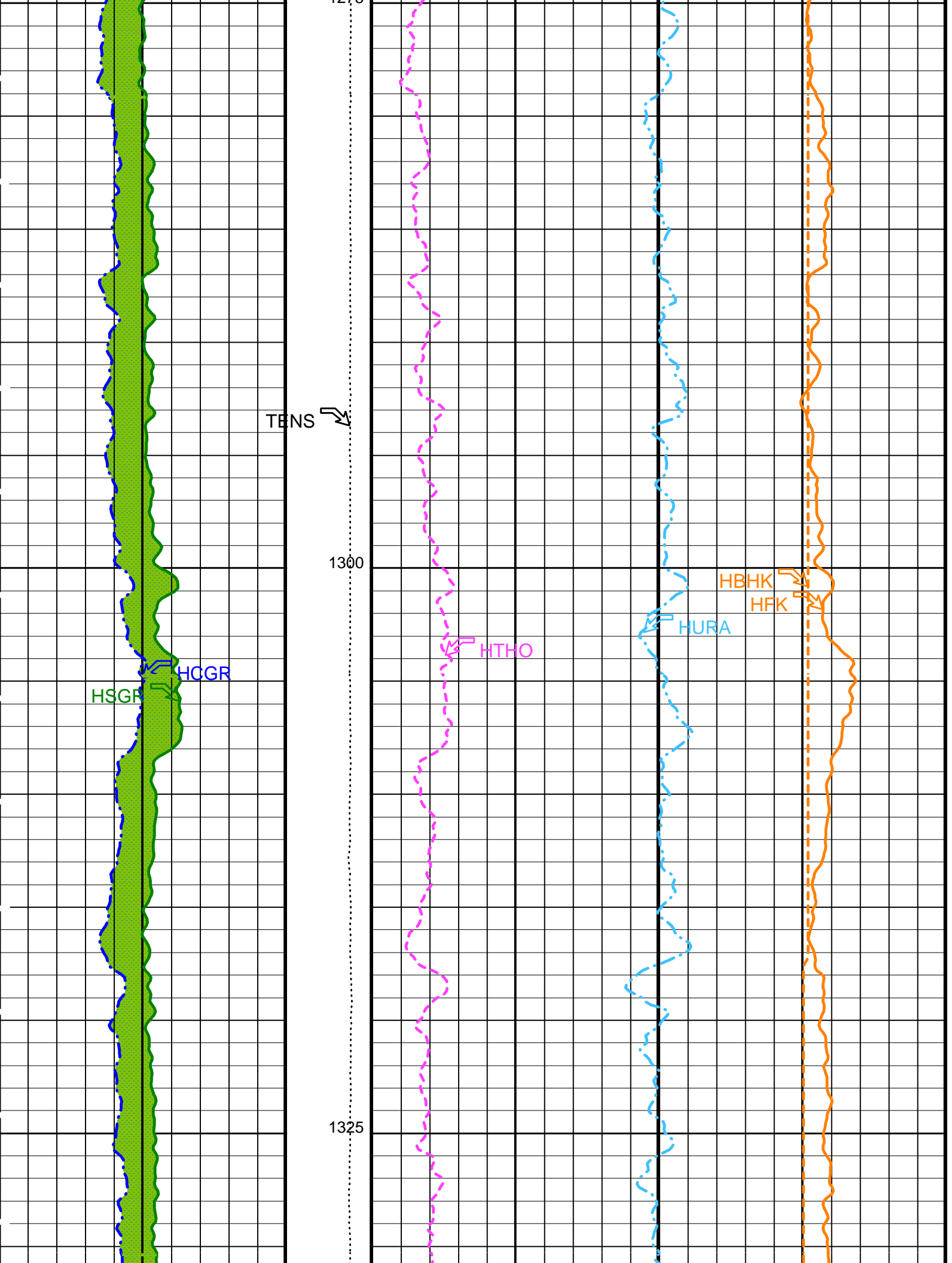
1150

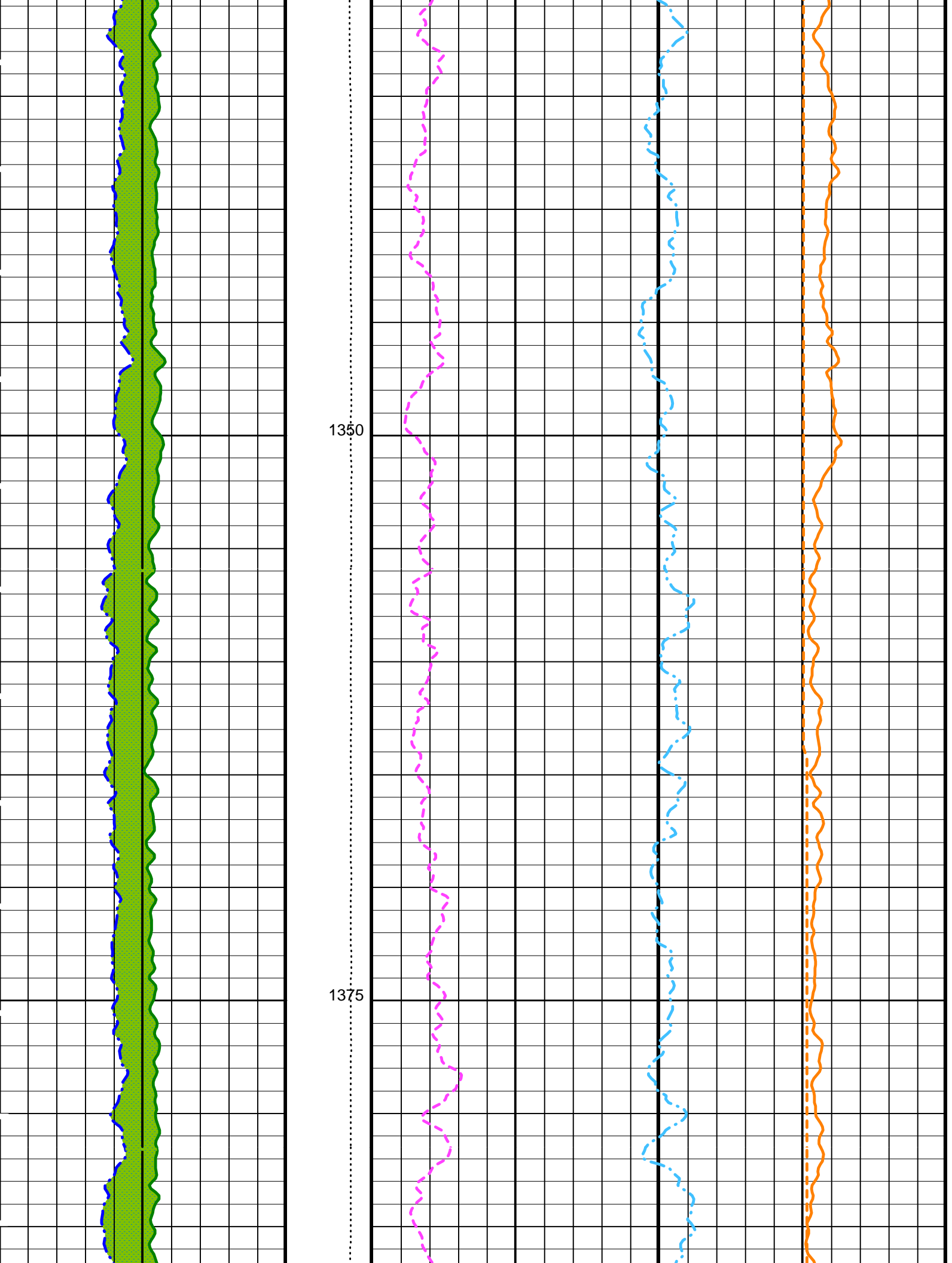


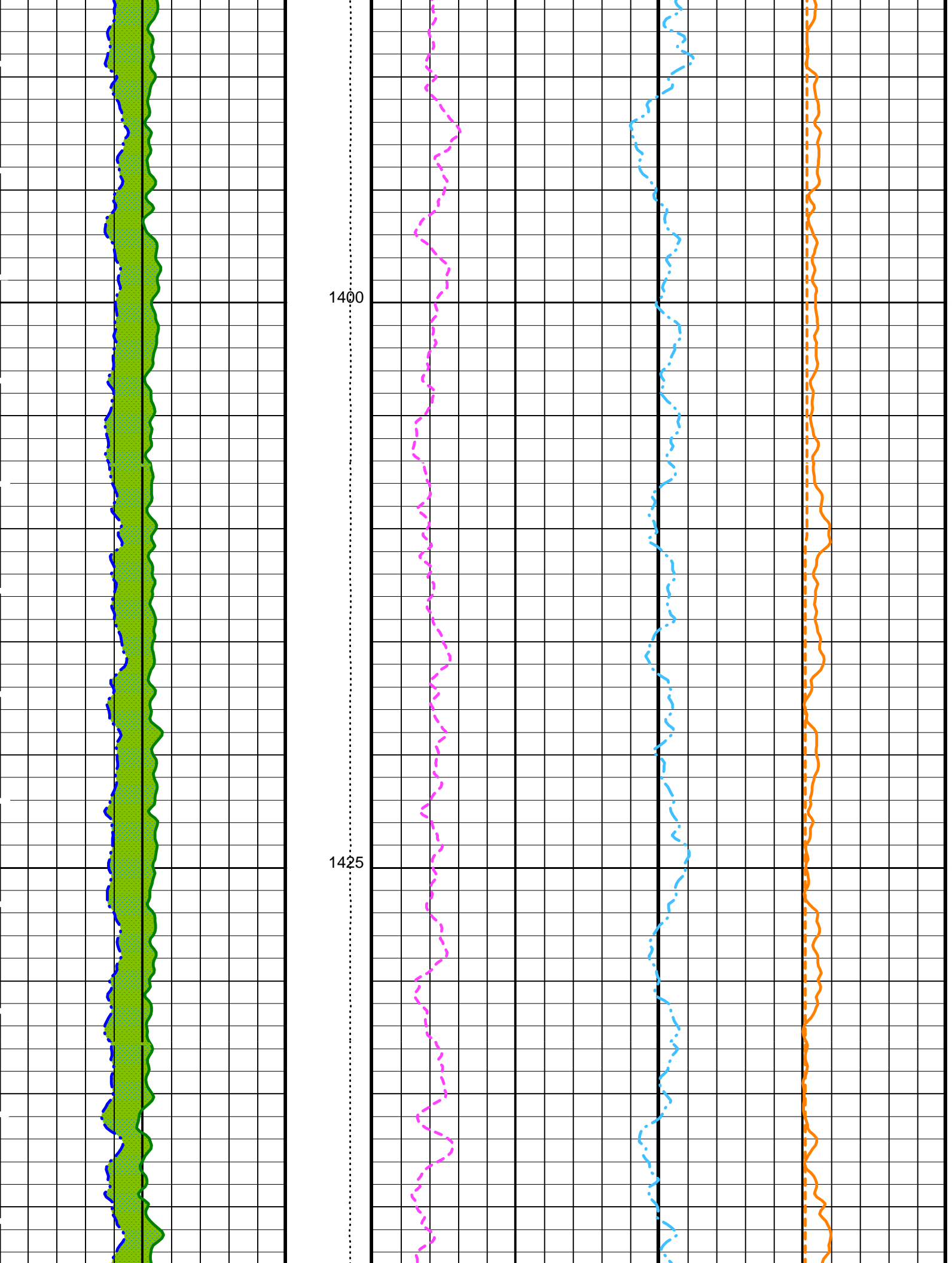


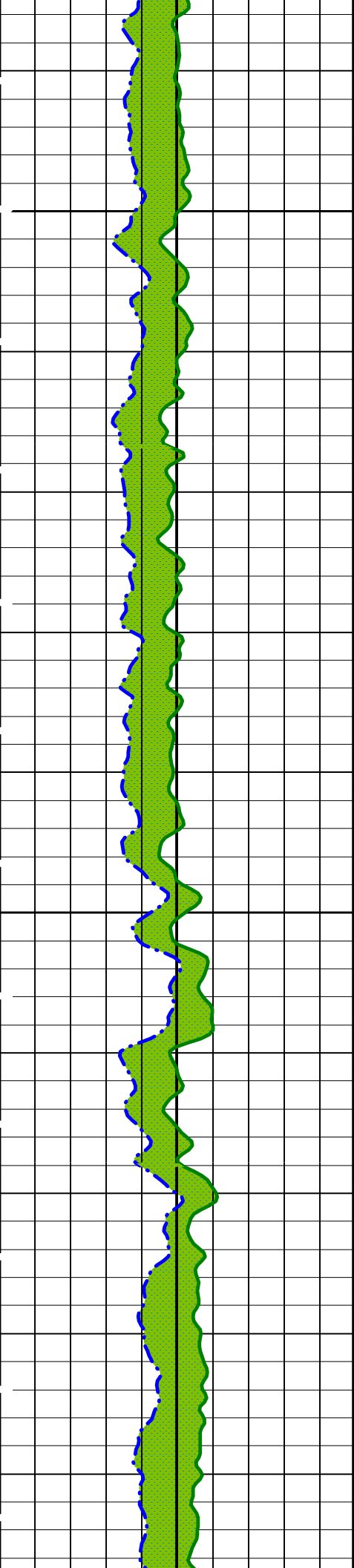






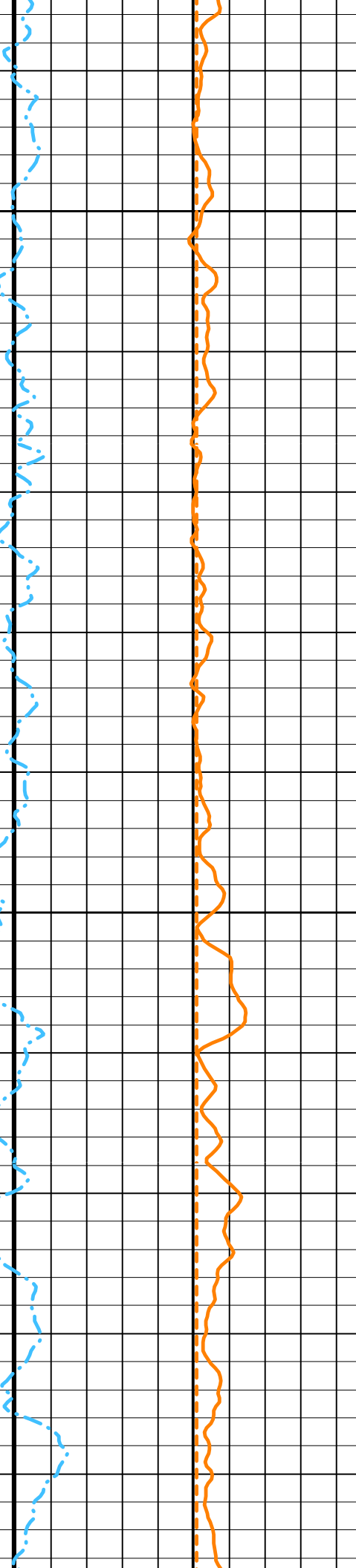
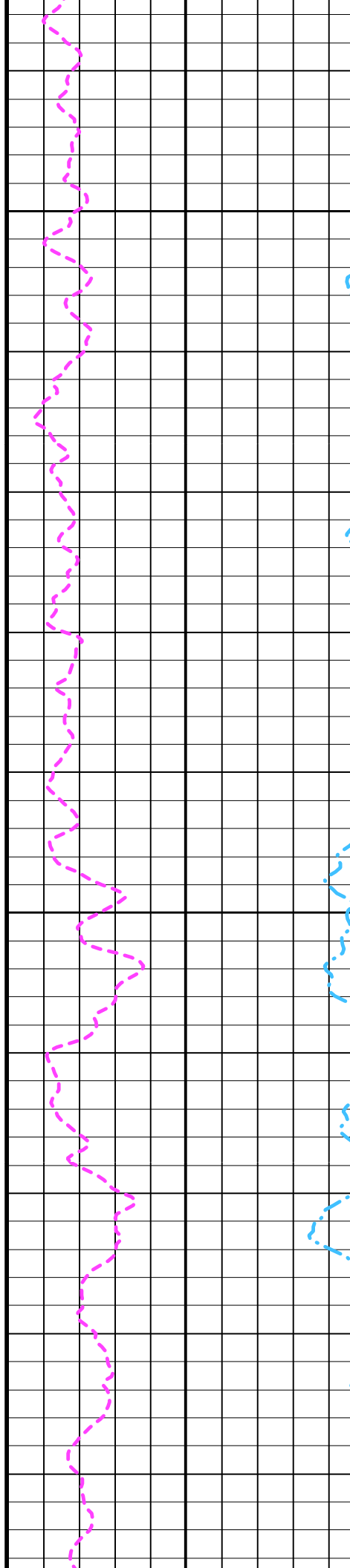
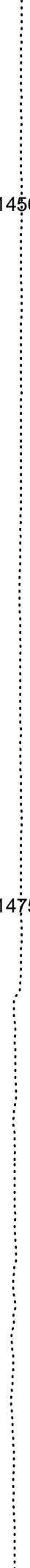


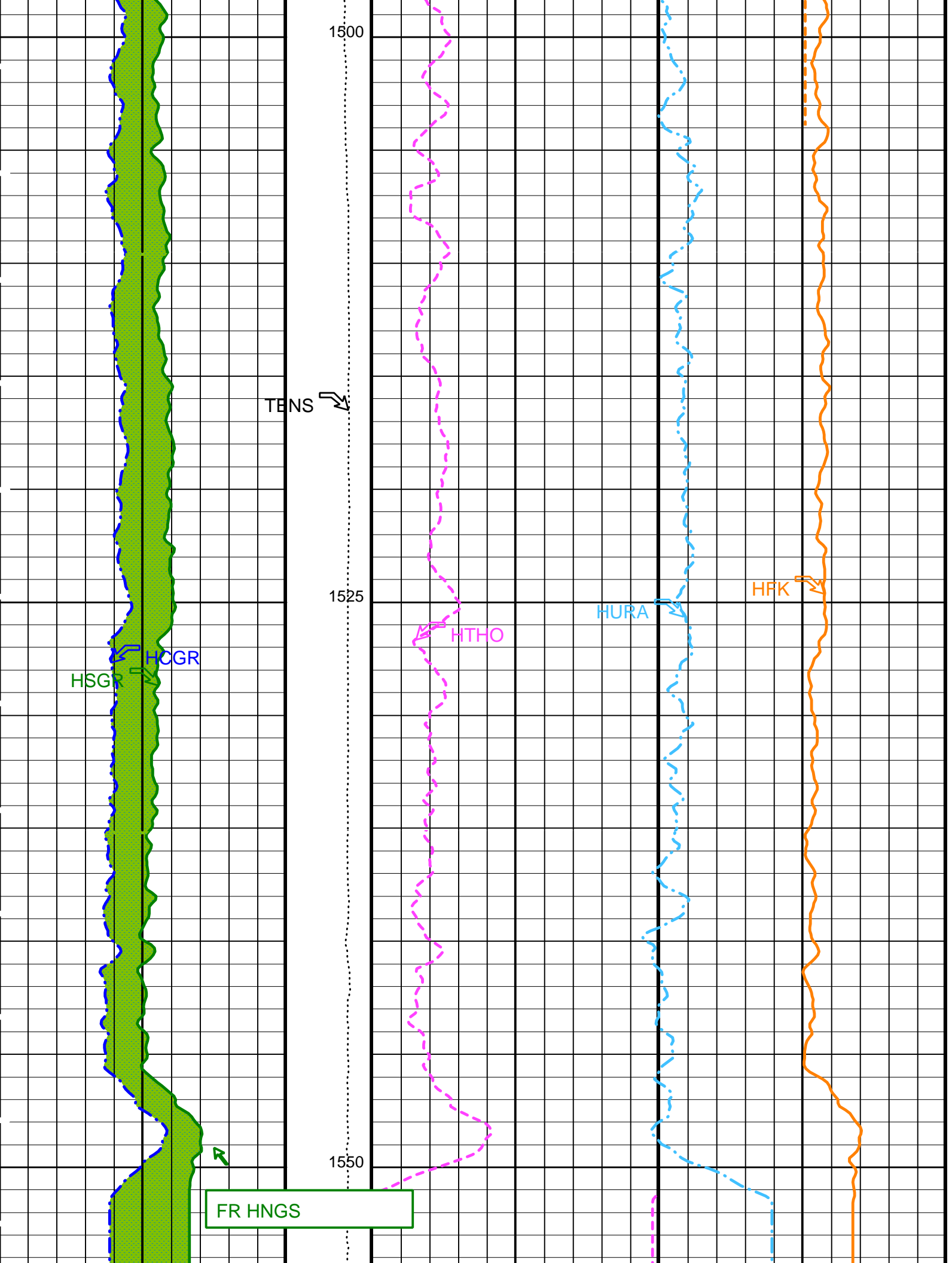




1450

1475





1500

TENS ↘

1525

HSGR ↘

HCGR ↘

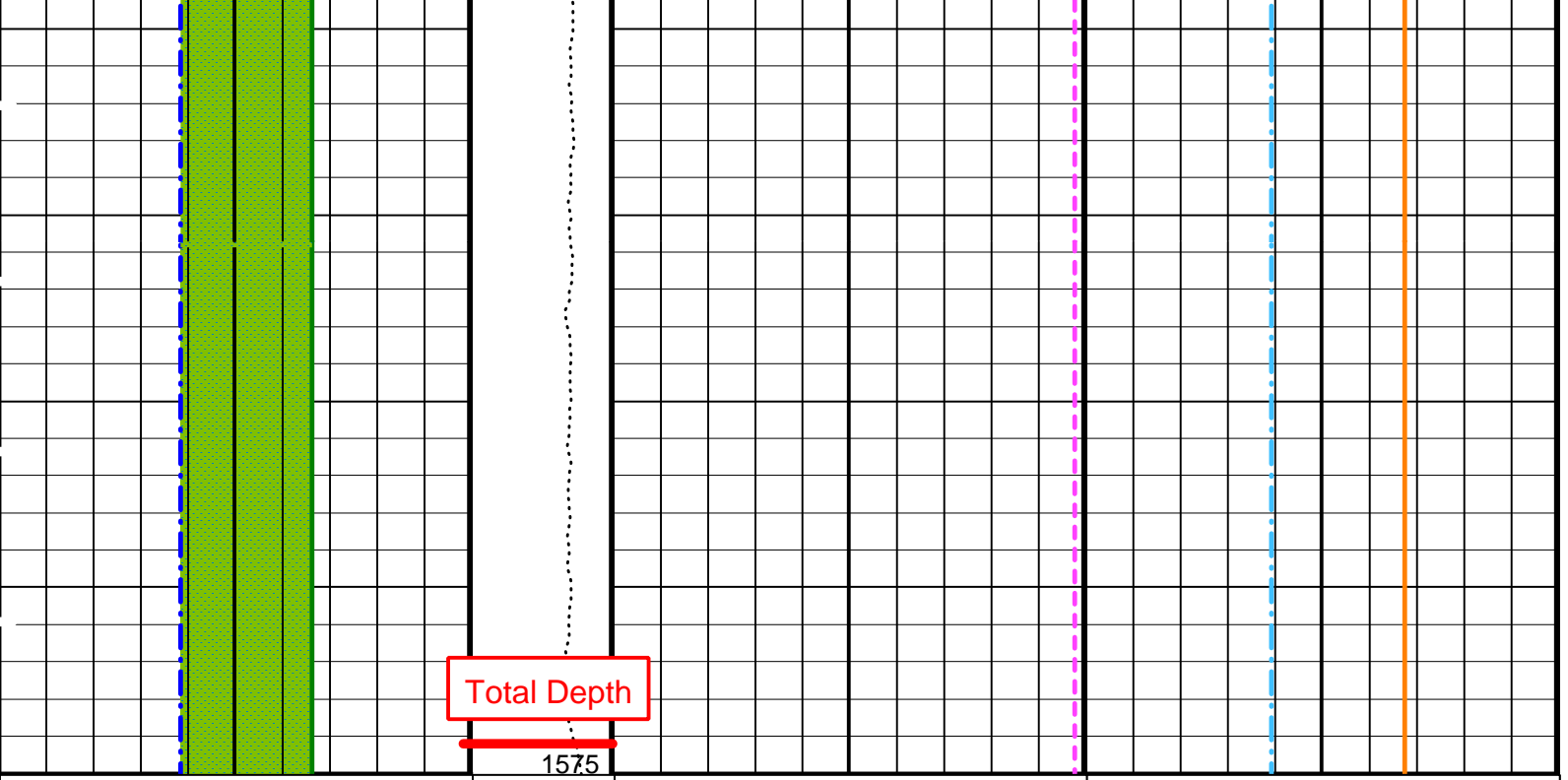
HTHO ↘

HURA ↘

HFK ↘

1550

FR HNGS ↘



Total Depth

1575

<p>HNGS Computed Gamma Ray (HCGR) (GAPI)</p> <p>0 150</p>	<p>Tension (TENS) (LBF)</p> <p>10000 0</p>	<p>HNGS Thorium (HTHO) (PPM)</p> <p>5 25</p>	<p>HNGS Potassium (HFK) (---)</p> <p>-0.01 0.04</p>
<p>Area1 From HCGR to HSGR</p>		<p>HNGS Uranium (HURA) (PPM)</p> <p>-5 10</p>	
<p>HNGS Spectroscopy Gamma Ray (HSGR) (GAPI)</p> <p>0 150</p>			<p>HNGS Borehole Potassium (HBHK) (---)</p> <p>-0.05 0.05</p>

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
DSST-B: Dipole Shear Imager - B			
BHS	Borehole Status	OPEN	
GCSE	Generalized Caliper Selection	BS	
HNGS-BA: Hostile Natural Gamma Ray Sonde			
BAR1	HNGS Detector 1 Barite Constant	1	
BAR2	HNGS Detector 2 Barite Constant	1	
BHK	HNGS Borehole Potassium Correction Concentration	0	
BHS	Borehole Status	OPEN	
CSD1	Inner Casing Outer Diameter	0	IN
CSD2	Outer Casing Outer Diameter	0	IN
CSW1	Inner Casing Weight	0	LB/F
CSW2	Outer Casing Weight	0	LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE	
GCSE	Generalized Caliper Selection	BS	
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW	
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW	
HABK	HNGS Borehole Potassium Running Average	0.0010148	
HALF	HNGS Alpha Filter Length	60	IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE	
HMWM	Mud Weighting Material	NATU	
HNPE	HNGS Processing Enable	YES	
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.985262	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.989153	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.20	G/C3

# OP System Version: 12C0-301

MCM

GPIT-A/B	12C0-301	DTA-A	12C0-301
DSST-B	12C0-301	HNGC-B	12C0-301
HNGS-BA	12C0-301	DTC-H	12C0-301

## Output DLIS Files

DEFAULT      DSI\_NGS\_017LUP      FN:17    PRODUCER    20-Jun-2005 01:43



# FIRST PASS

## MAXIS Field Log

## Output DLIS Files

DEFAULT      DSI\_NGS\_016LUP      FN:16    PRODUCER    19-Jun-2005 23:37    1572.8 M    1150.0 M

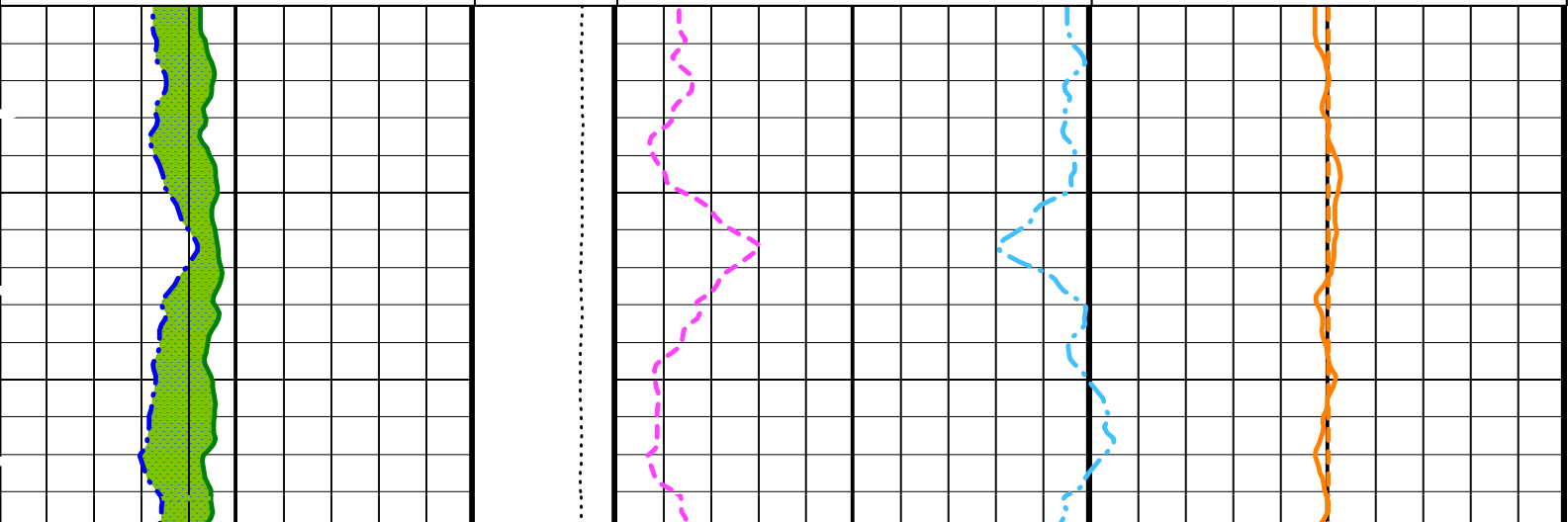
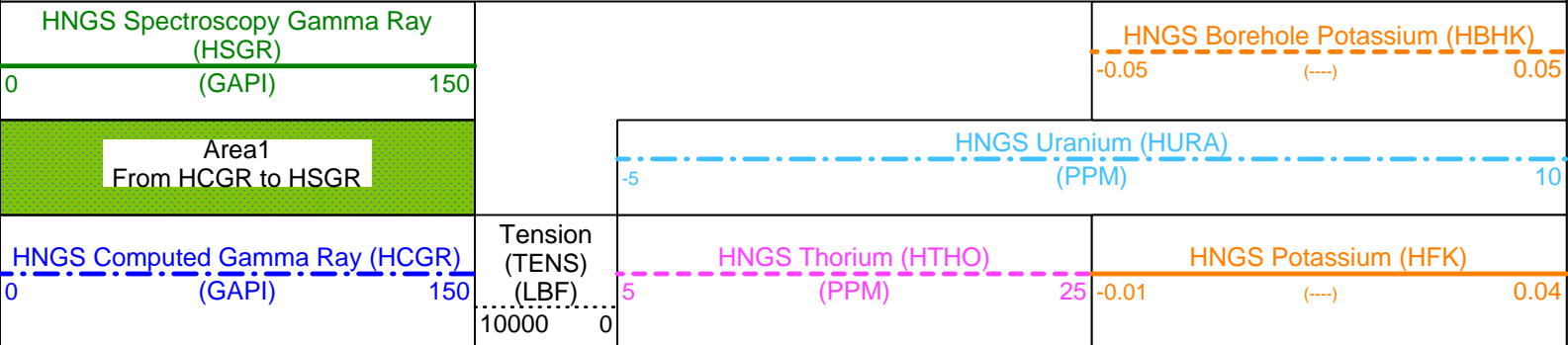
# OP System Version: 12C0-301

MCM

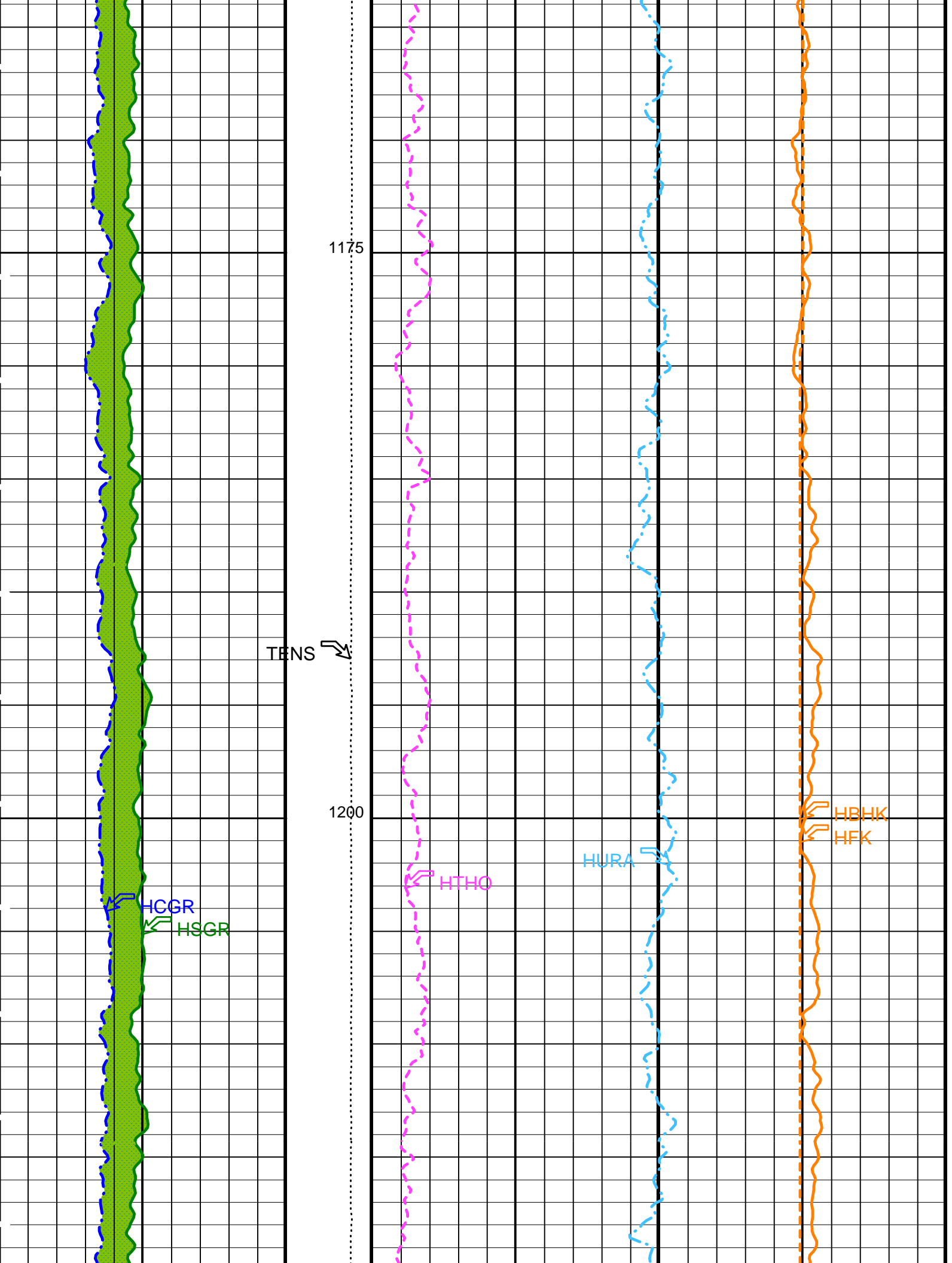
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DSST-B	12C0-301	HNGC-B	12C0-301
HNGS-BA	12C0-301	DTC-H	12C0-301

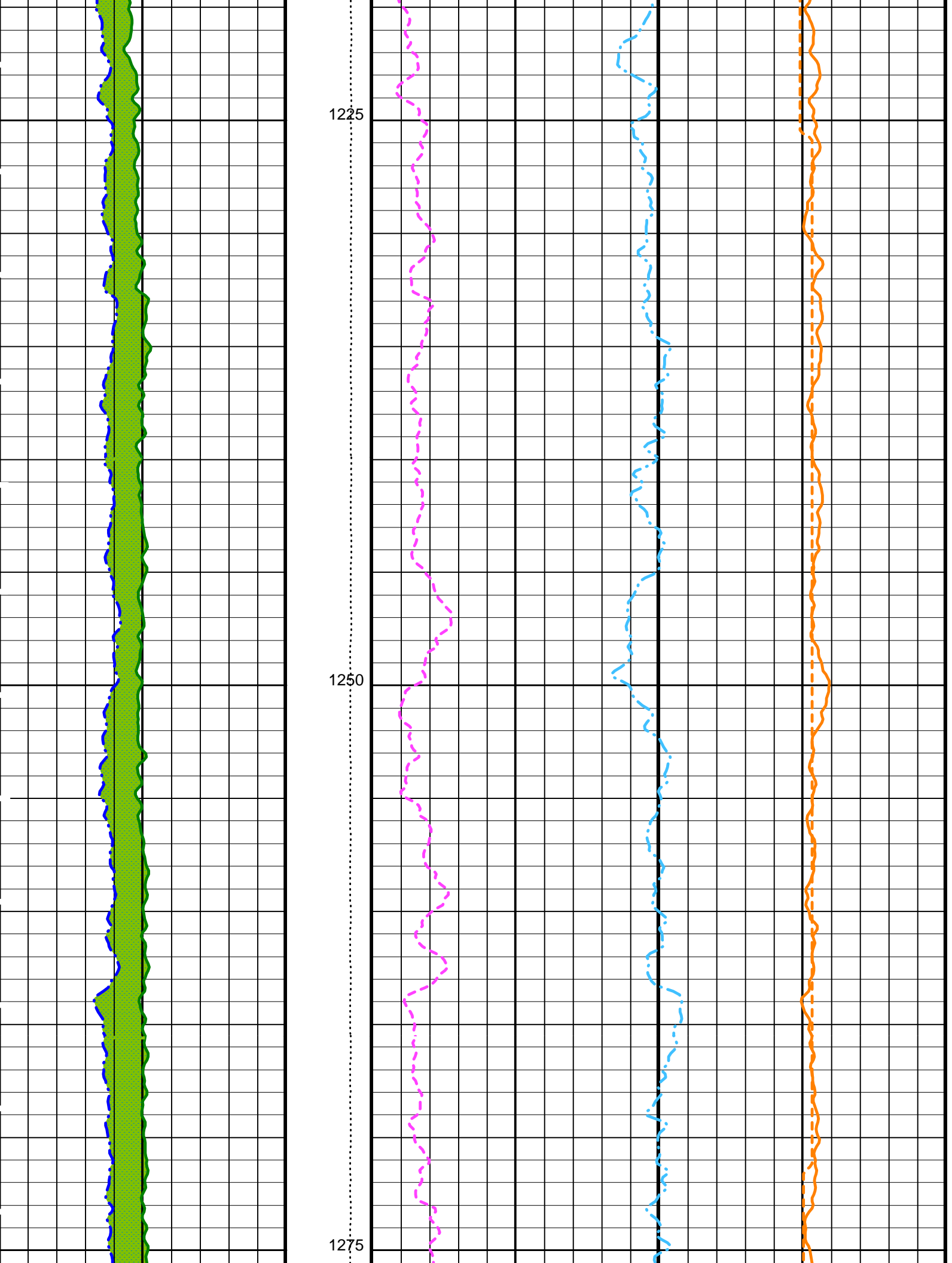
## PIP SUMMARY

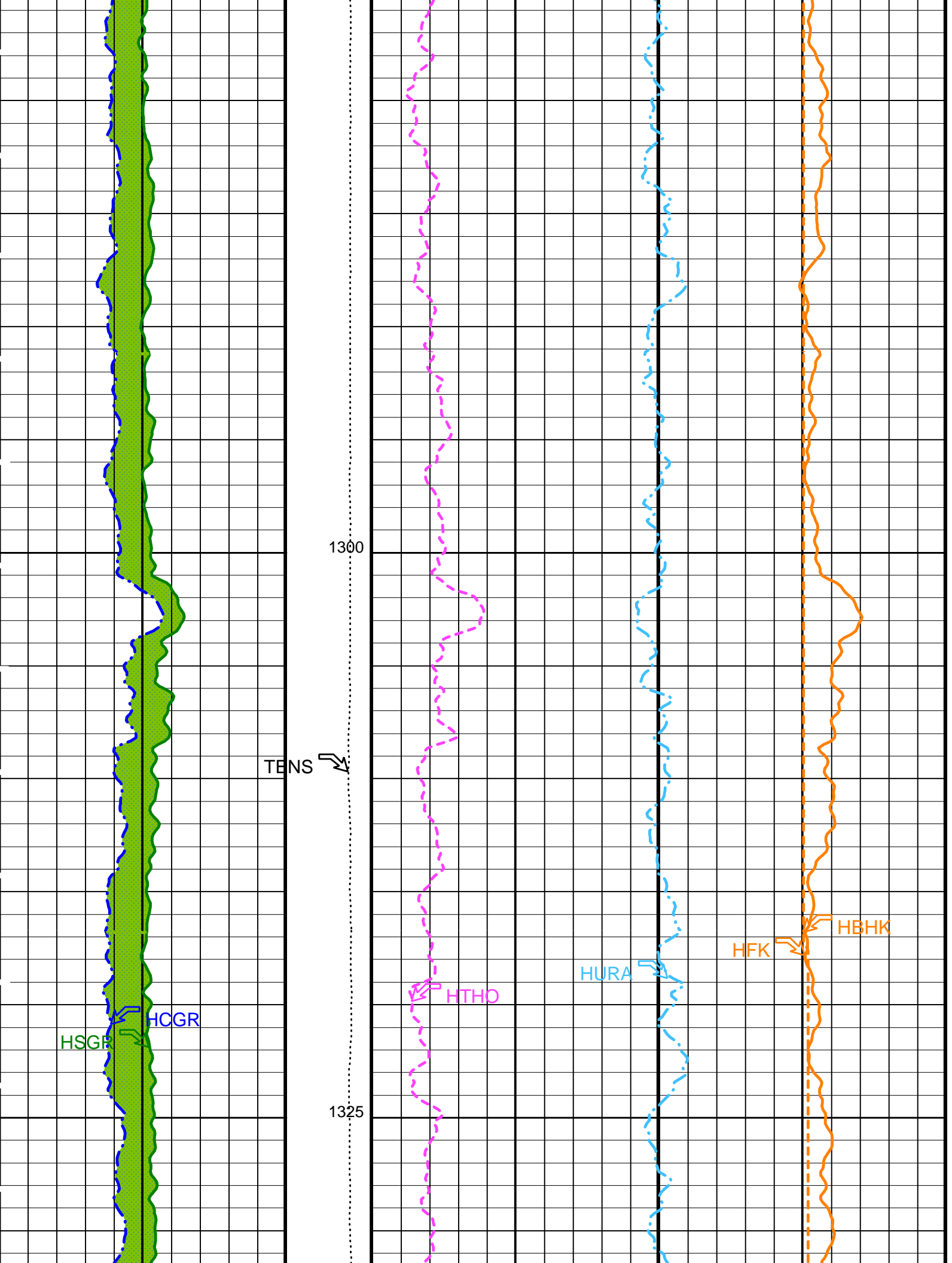
Time Mark Every 60 S

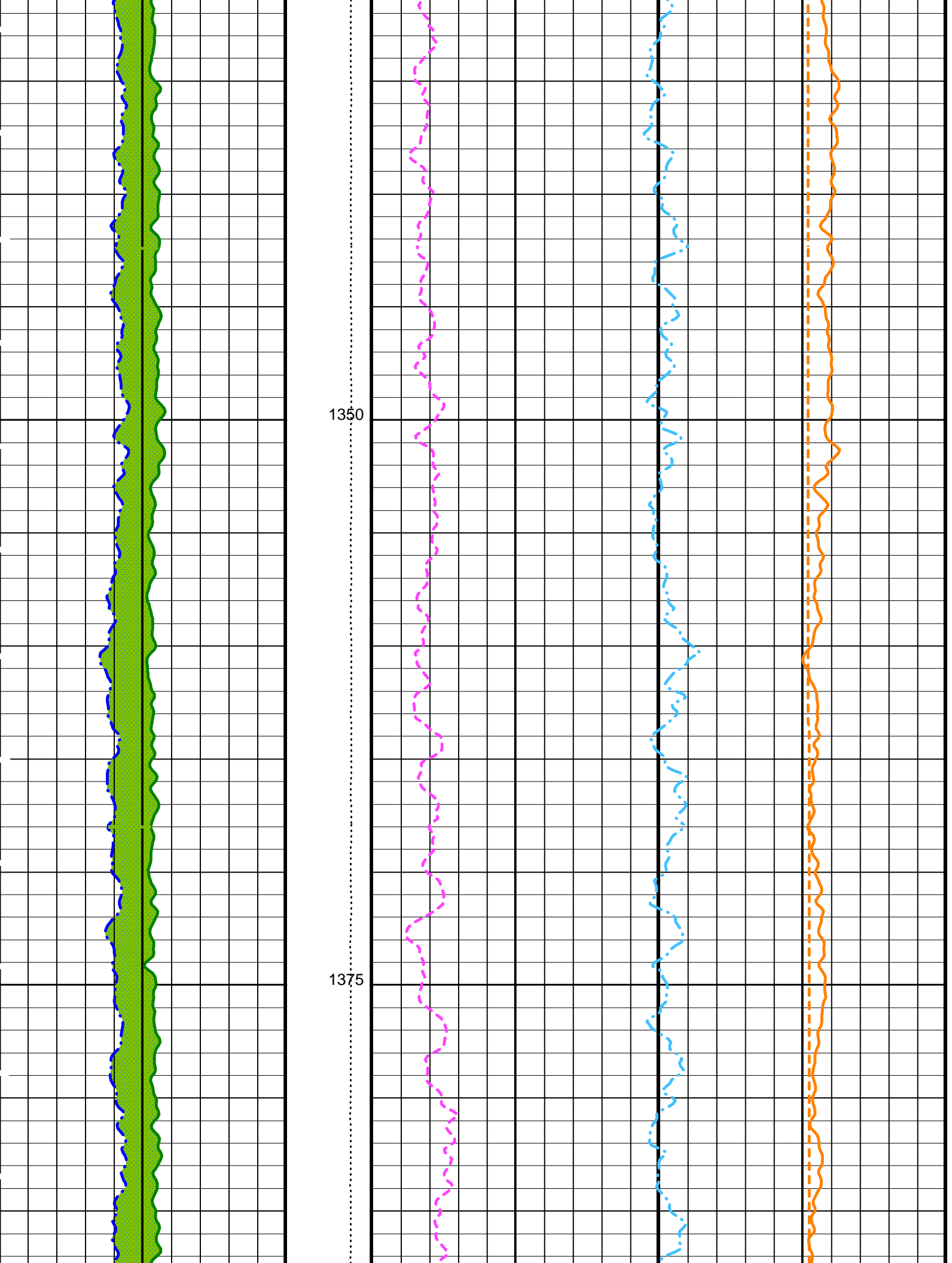


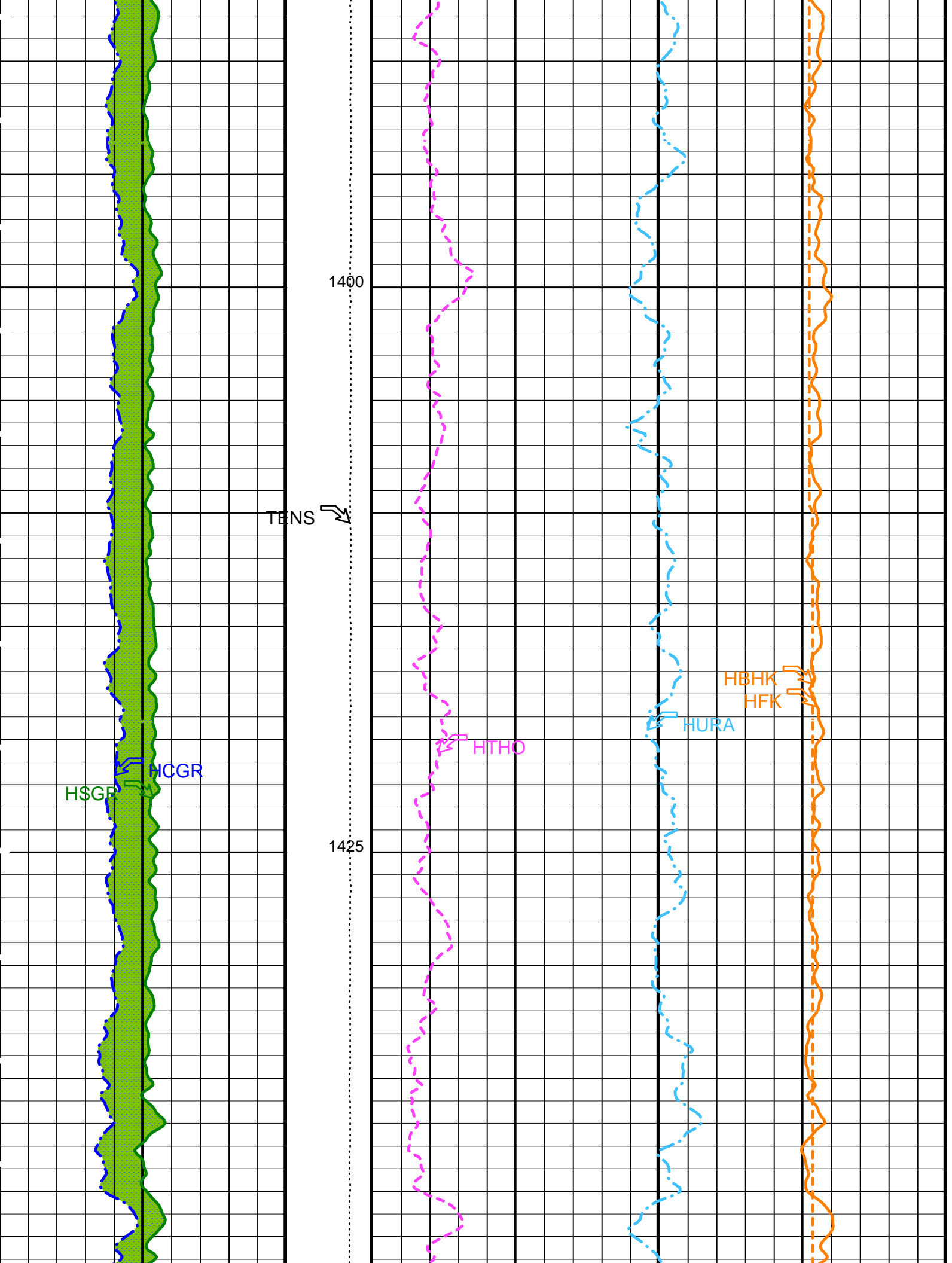


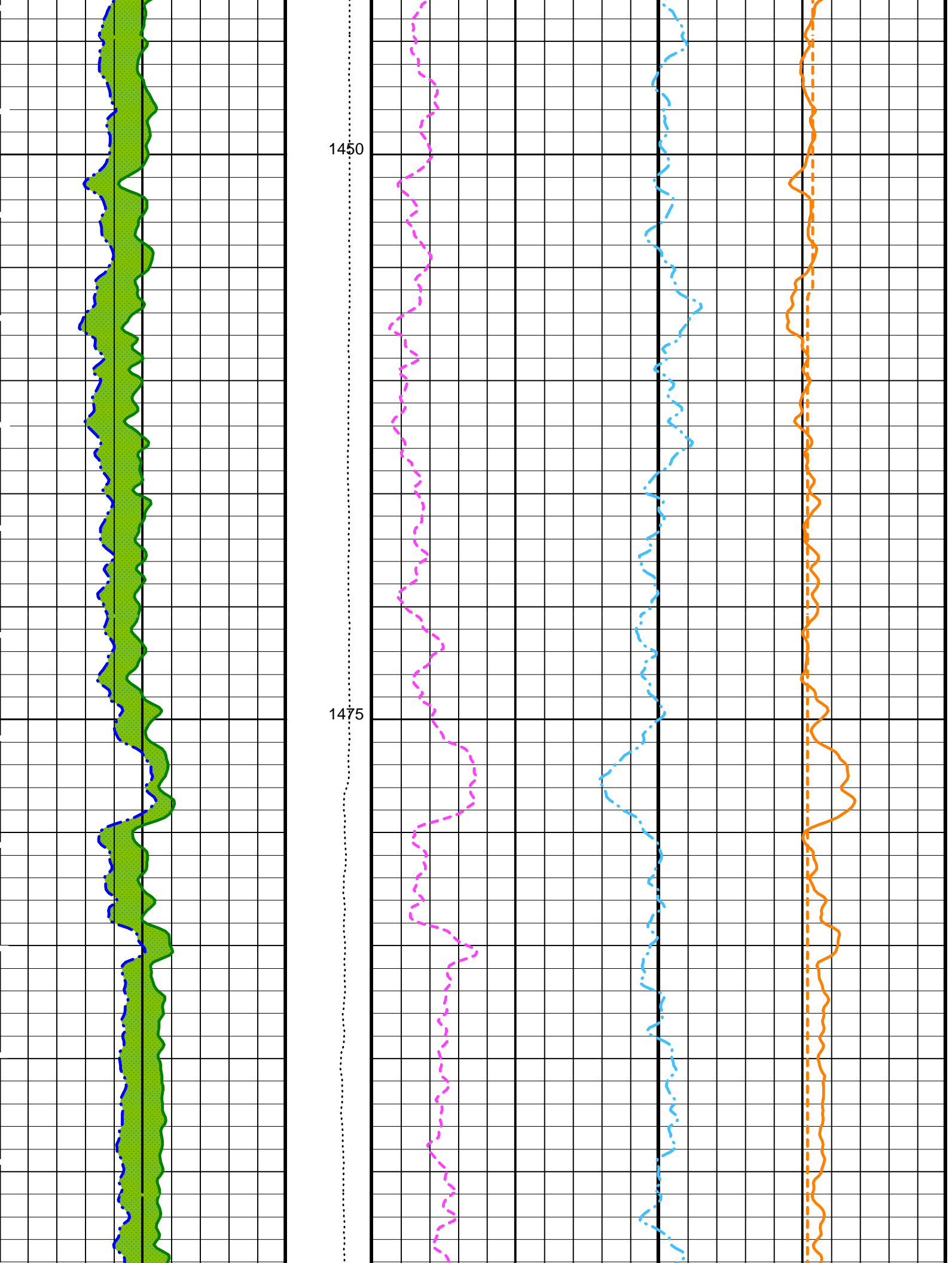


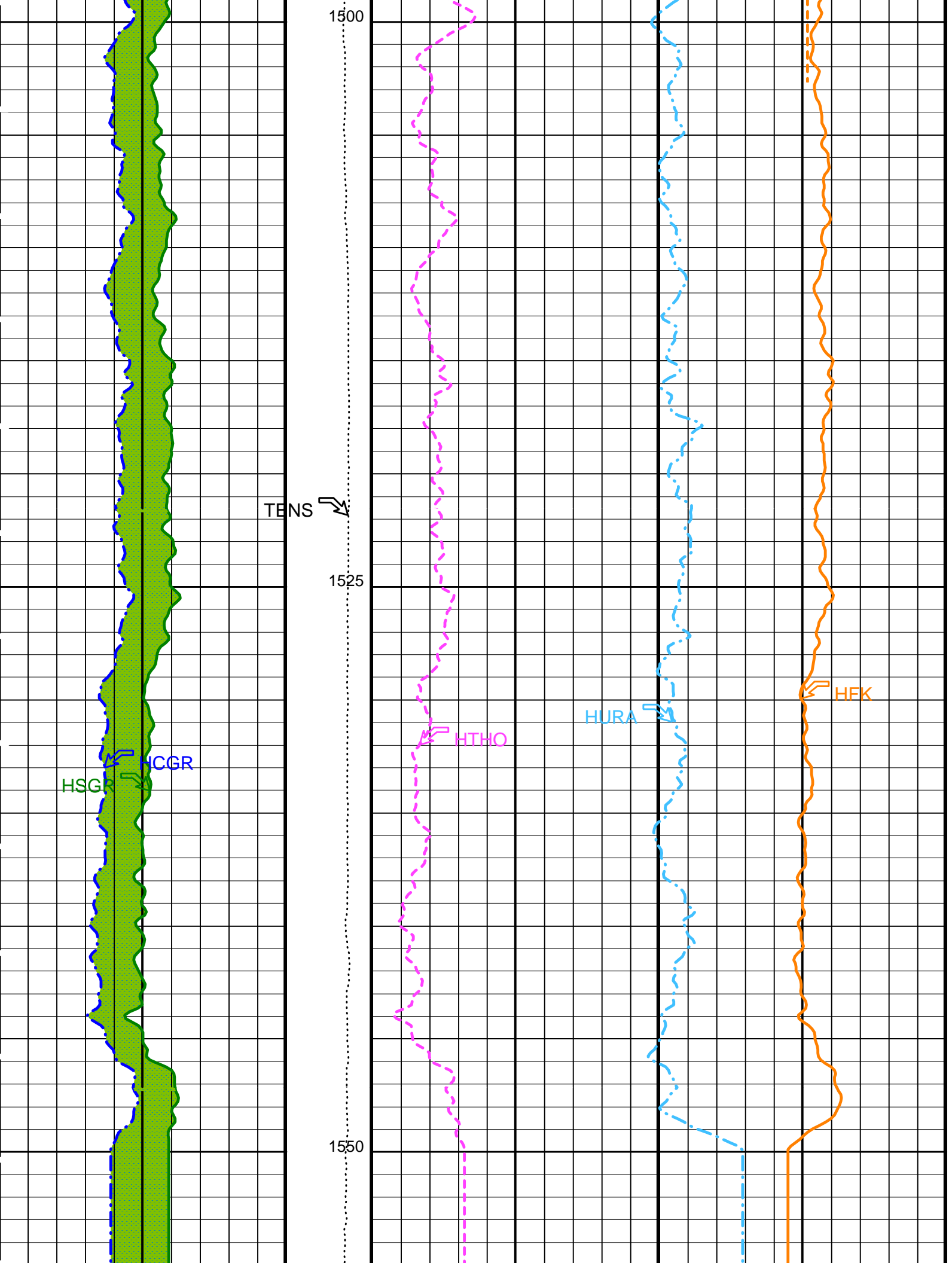


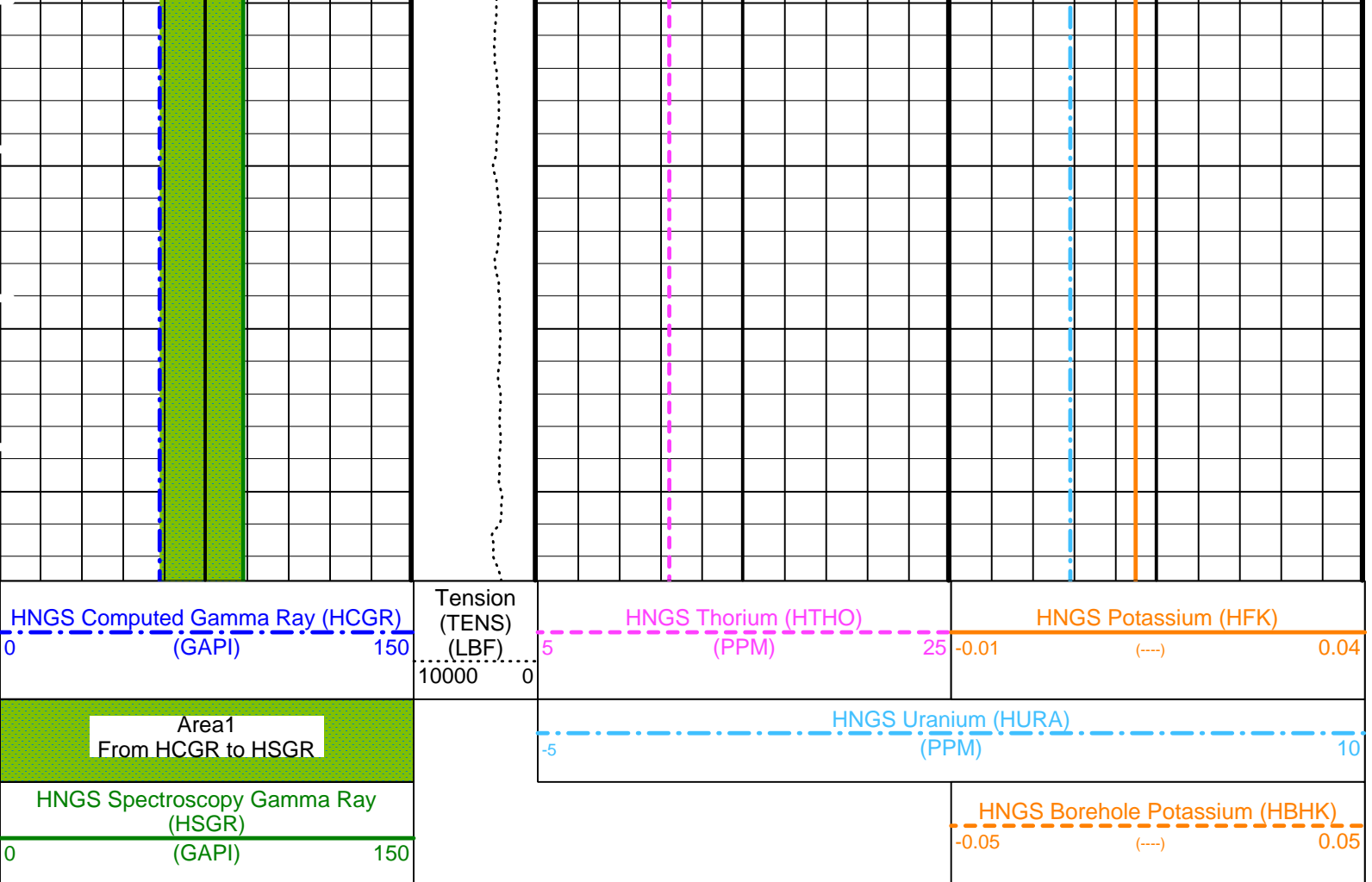












PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
BHS	DSST-B: Dipole Shear Imager - B	
GCSE	Borehole Status	OPEN
	Generalized Caliper Selection	BS
	HNGS-BA: Hostile Natural Gamma Ray Sonde	
BAR1	HNGS Detector 1 Barite Constant	1
BAR2	HNGS Detector 2 Barite Constant	1
BHK	HNGS Borehole Potassium Correction Concentration	0
BHS	Borehole Status	OPEN
CSD1	Inner Casing Outer Diameter	0 IN
CSD2	Outer Casing Outer Diameter	0 IN
CSW1	Inner Casing Weight	0 LB/F
CSW2	Outer Casing Weight	0 LB/F
DBCC	HNGS Barite Constant Correction Flag	NONE
GCSE	Generalized Caliper Selection	BS
H1P	HNGS Detector 1 Allow/Disallow In Processing	ALLOW
H2P	HNGS Detector 2 Allow/Disallow In Processing	ALLOW
HABK	HNGS Borehole Potassium Running Average	-0.00135614
HALF	HNGS Alpha Filter Length	60 IN
HCRB	HNGS Apply Borehole Potassium Correction	NONE
HMWM	Mud Weighting Material	NATU
HNPE	HNGS Processing Enable	YES
S1BI	HNGS Detector 1 Calibration Bismuth Count Rate	1.3 CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	1.3 CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES
TPOS	Tool Position	ECCE
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	0.947381
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	0.957877
	System and Miscellaneous	
BS	Bit Size	9.875 IN
DFD	Drilling Fluid Density	1.20 G/C3

Format: HNGSYields

Vertical Scale: 1:200

Graphics File Created: 19-Jun-2005 23:37



GPIT-A/B	12C0-301	DTA-A	12C0-301
DSST-B	12C0-301	HNGC-B	12C0-301
HNGS-BA	12C0-301	DTC-H	12C0-301

## Output DLIS Files

DEFAULT DSI\_NGS\_016LUP FN:16 PRODUCER 19-Jun-2005 23:37



## CALIBRATIONS

### MAXIS Field Log

#### Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
General Purpose Inclinerometer Wellsite Calibration - CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY							
Before: 10-Jun-2005 4:16							
TEMPERATURE REFERENCE :	N/A	N/A	20	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	99	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	743	N/A	N/A	N/A	
General Purpose Inclinerometer Wellsite Calibration - CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY							
Before: 10-Jun-2005 4:16							
TEMPERATURE REFERENCE :	N/A	N/A	25	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	91	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	5	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	98	N/A	N/A	N/A	
Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 1 Check							
Master: 14-Jun-2005 13:56 Before: 14-Jun-2005 14:04							
Na 511 Peak Loc	40.00	39.60	39.58	N/A	N/A	1.000	
Na 511 Peak Res	15.50	16.49	16.77	N/A	N/A	2.000	%
High Voltage	1150	1136	1136	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	142.6	142.3	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	9.087	8.483	N/A	N/A	2.000	%
Temperature	15.50	39.08	39.07	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	49.00	49.53	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 2 Check							
Master: 14-Jun-2005 13:56 Before: 14-Jun-2005 14:04							
Na 511 Peak Loc	40.00	39.57	39.52	N/A	N/A	1.000	
Na 511 Peak Res	15.50	16.58	16.69	N/A	N/A	2.000	%
High Voltage	1150	1213	1213	N/A	N/A	N/A	V
Na 1785 Peak Loc	142.6	142.2	142.1	N/A	N/A	7.000	
Na 1785 Peak Res	8.500	9.188	8.924	N/A	N/A	2.000	%
Temperature	15.50	37.80	37.86	N/A	N/A	N/A	DEGC
Na Count Rate	45.00	48.39	49.20	N/A	N/A	8.000	CPS
Hostile Natural Gamma Ray Sonde Wellsite Calibration - Ratio Of Detector 1 To Detector 2							
Master: 14-Jun-2005 13:56 Before: 14-Jun-2005 14:04							
Coincidence Count Rate Ratio	1.000	1.014	1.009	N/A	N/A	0.05000	

#### General Purpose Inclinerometer / Equipment Identification

Primary Equipment:  
GPIT Cartridge - A

GPIC - A

840

Hostile Natural Gamma Ray Cartridge - B / Equipment Identification

Primary Equipment: HNGC Cartridge	HNGC - B	300
Auxiliary Equipment: HNGC Housing	HNGH - A	115

Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment: HNGS Sonde	HNGS - BA	194
Auxiliary Equipment: HNGS Sonde Housing Gamma Source Radioactive	HNSH - BA GSR - U	205 166

Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 1 Check



Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		39.60	Master		16.49	Master		1136
Before		39.58	Before		16.77	Before		1136
	37.50 (Minimum) 40.00 (Nominal) 42.50 (Maximum)			12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)			900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)	
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		142.6	Master		9.087	Master		39.08
Before		142.3	Before		8.483	Before		39.07
	135.0 (Minimum) 142.6 (Nominal) 150.3 (Maximum)			7.000 (Minimum) 8.500 (Nominal) 11.00 (Maximum)			-28.89 (Minimum) 15.50 (Nominal) 60.00 (Maximum)	
Phase	Na Count Rate CPS	Value						
Master		49.00						
Before		49.53						
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)							
Master: 14-Jun-2005 13:56			Before: 14-Jun-2005 14:04					

Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 2 Check

Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		39.57	Master		16.58	Master		1213
Before		39.52	Before		16.69	Before		1213
	37.50 (Minimum) 40.00 (Nominal) 42.50 (Maximum)			12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)			900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)	
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		142.2	Master		9.188	Master		37.80
Before		142.1	Before		8.924	Before		37.86
	135.0 (Minimum) 142.6 (Nominal) 150.3 (Maximum)			7.000 (Minimum) 8.500 (Nominal) 11.00 (Maximum)			-28.89 (Minimum) 15.50 (Nominal) 60.00 (Maximum)	
Phase	Na Count Rate CPS	Value						
Master		48.39						
Before		49.20						
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)							
Master: 14-Jun-2005 13:56			Before: 14-Jun-2005 14:04					

Hostile Natural Gamma Ray Sonde Wellsite Calibration
Ratio Of Detector 1 To Detector 2

Phase	Coincidence Count Rate Ratio	Value
Master		1.014
Before		1.009
	0.9500 (Minimum)      1.000 (Nominal)      1.050 (Maximum)	
Master: 14-Jun-2005 13:56		
Before: 14-Jun-2005 14:04		

Company: Lamont Doherty

**Schlumberger**

Well: IODP EXP 308 Site U1324A

Field: URSA Basin

Country: USA

Ocean: Gulf Of Mexico

DSI-GR