

DISCLAIMER

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OTHER SERVICES1
 OS1: FMS/HNGS
 OS2: MSS/Caliper/HNGS
 OS3:
 OS4:
 OS5:

OTHER SERVICES2
 OS1:
 OS2:
 OS3:
 OS4:
 OS5:

REMARKS: RUN NUMBER 1

REMARKS: RUN NUMBER 2

HNGS Master Calibration out of date. Calibration source required onboard before a new calibration can be made. All HNGS data can be reprocessed with the new calibration once this calibration is made after the expedition.

320T transit testing expedition tested the new Active Heave Compensator for wire line. Data recorded does not reflect the 5 m difference in AHC retracted to compensation position. All recorded depths do not reflect the -5m that was experienced below drill pipe.

AHC was activated below drill pipe only.

Uplug has LCAL closed from 3279m to 3335m as winch experienced pulling problems.

Main Uplug does not show the sea floor through drill pipe.

RUN 1
 SERVICE ORDER #:
 PROGRAM VERSION: 17C0-154
 FLUID LEVEL:

RUN 2
 SERVICE ORDER #:
 PROGRAM VERSION:
 FLUID LEVEL:

LOGGED INTERVAL	START	STOP

LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

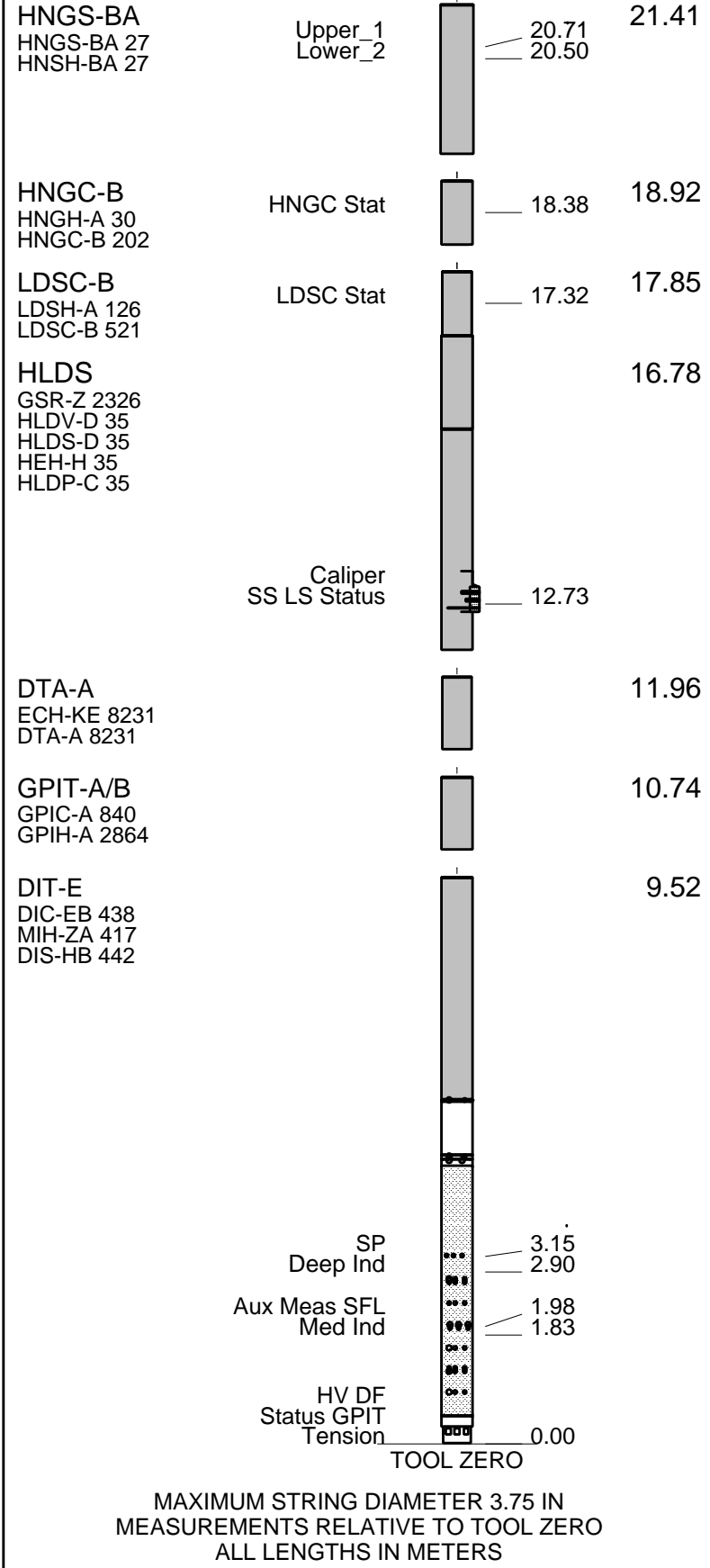
RUN 1
 SURFACE EQUIPMENT
 GSR-U 1154
 WITM (DTS)-A

RUN 2

DOWNHOLE EQUIPMENT
 LEH-QT 23.22
 LEH-QT 1726
 DTC-H 22.05
 ECH-KC 1777 22.33
 DTCH0-A 8798 21.41



CTEM
 TelStatus
 ToolStatu



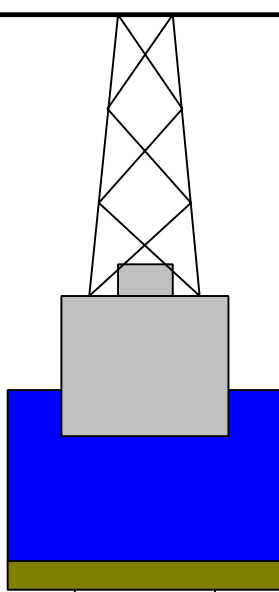
Production String	(in)	(M)	Well Schematic	(M)	(in)	Casing String
	OD	ID		MD	MD	

Kelly Bushing Elevation
Derrick Floor Elevation

11.0
11.0

Mean Sea Level

0.0



0.0 5.000

Casing String



2816 9.875

2912 5.0

Borehole Segment

Casing Shoe

3370

Input DLIS Files

DEFAULT	PI_LDL_NGS_055LUP	FN:80	PRODUCER	17-Feb-2009 23:02	3367.3 M	2749.6 M
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Output DLIS Files

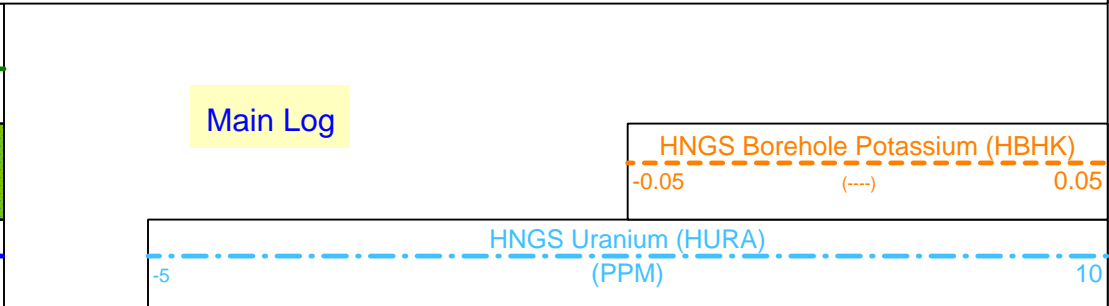
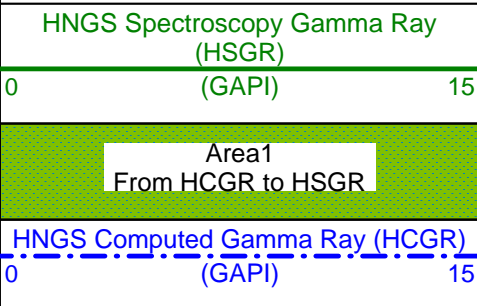
DEFAULT	PI_LDL_NGS_092PUP	FN:148	PRODUCER	03-Mar-2009 16:42	3367.3 M	2749.6 M
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OP System Version: 17C0-154

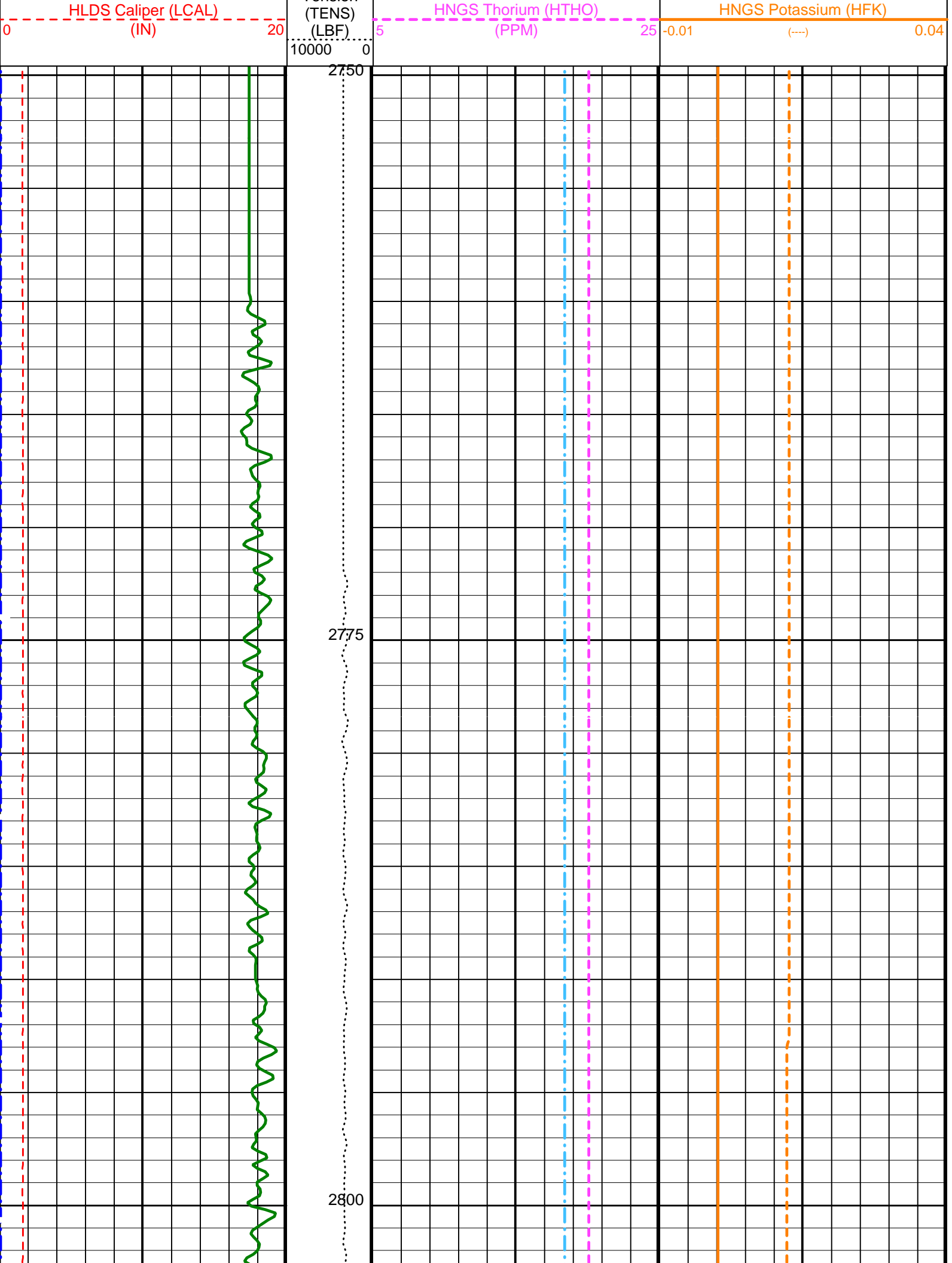
DIT-E	17C0-154	GPIT-A/B	SRPC-3762-Q1_2009_OP17
DTA-A	17C0-154	HLDS	17C0-154
LDSC-B	17C0-154	HNGC-B	17C0-154
HNGS-BA	17C0-154	DTC-H	17C0-154

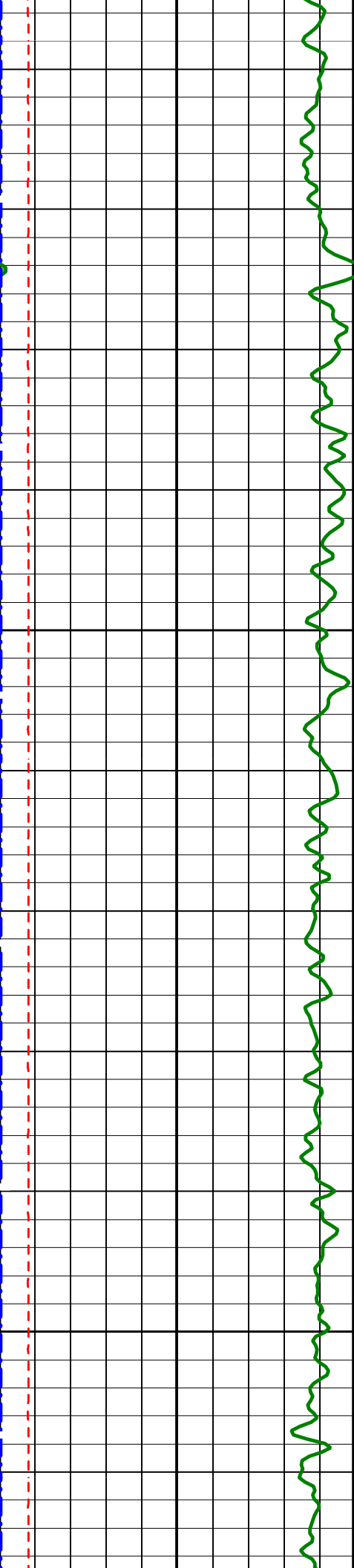
PIP SUMMARY

Time Mark Every 60 S



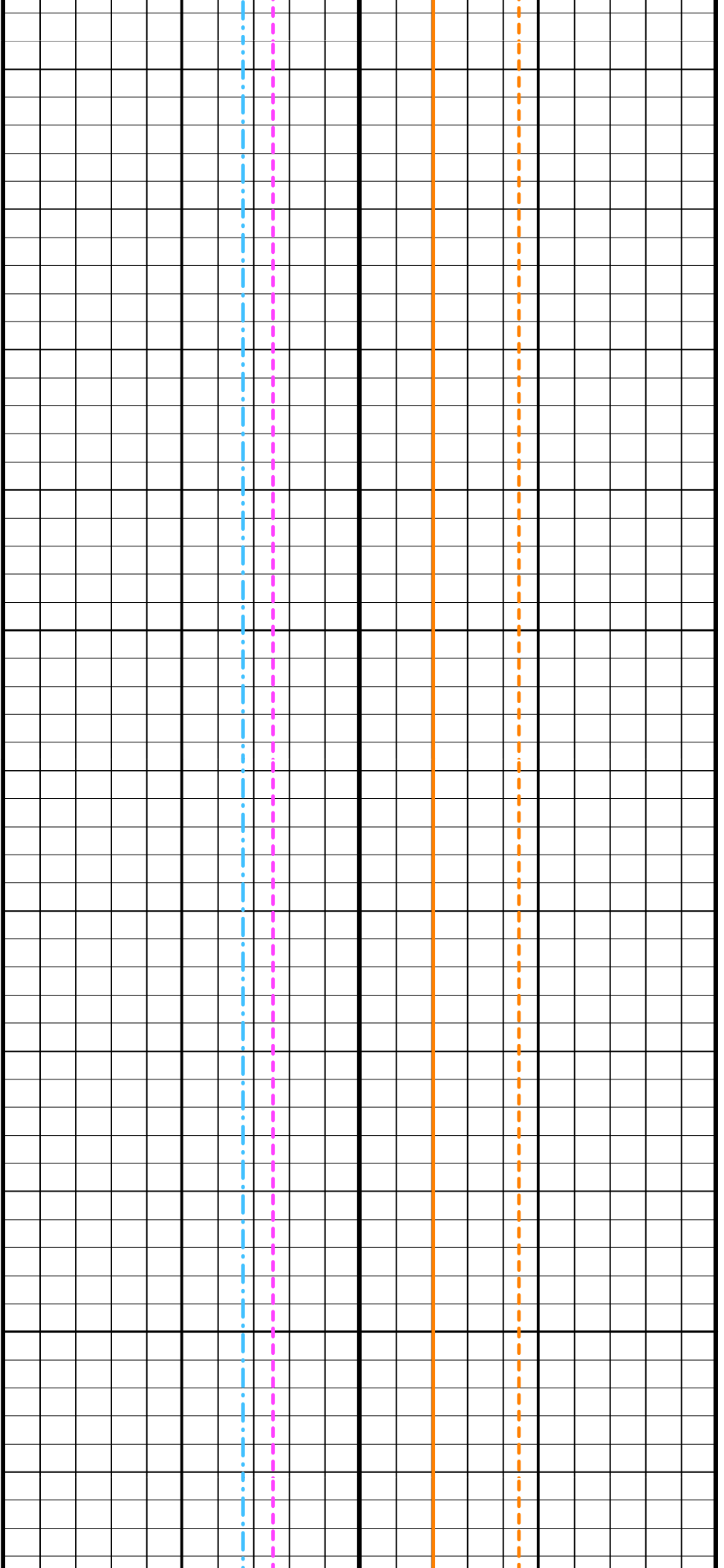
Tension

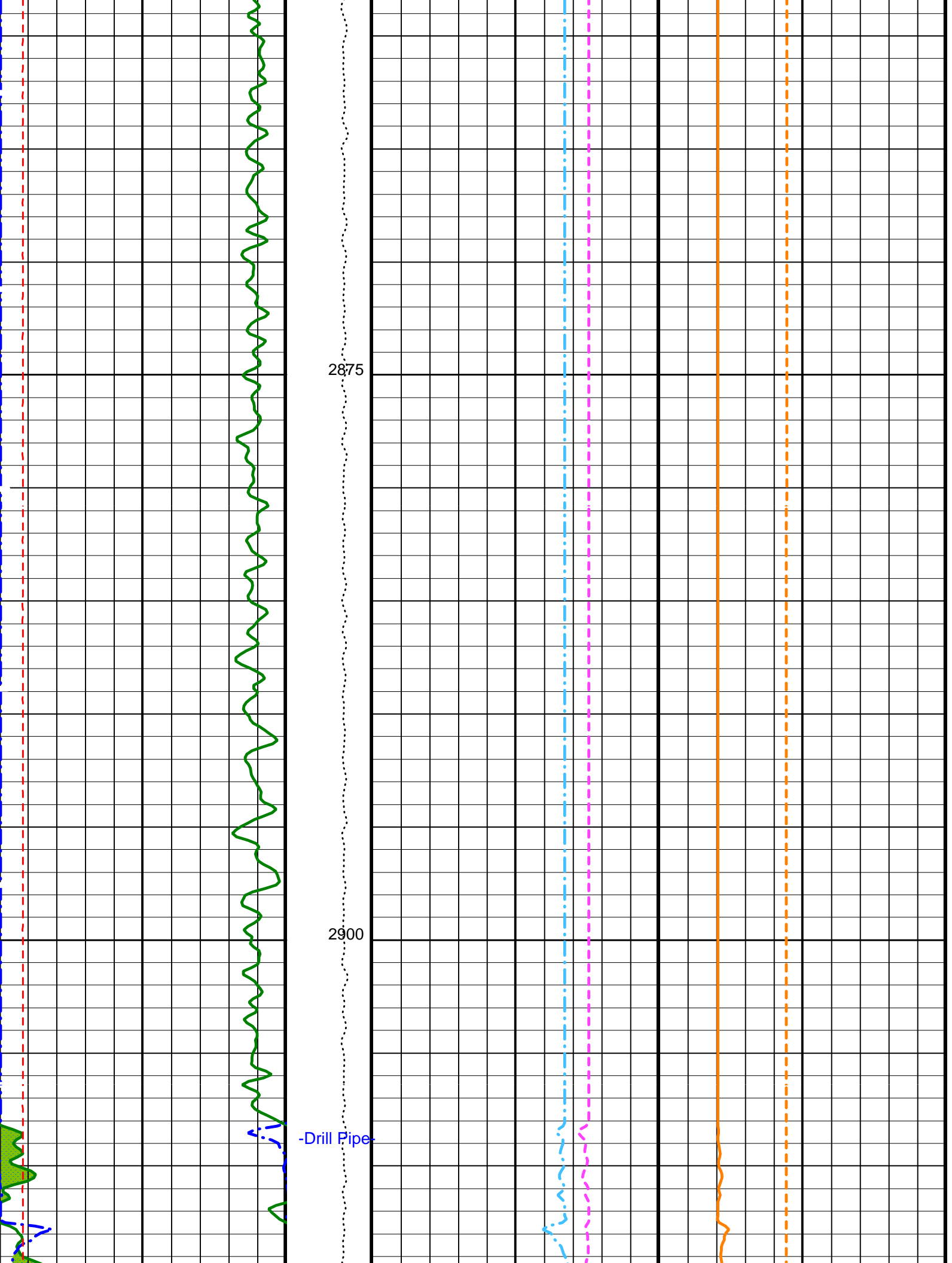


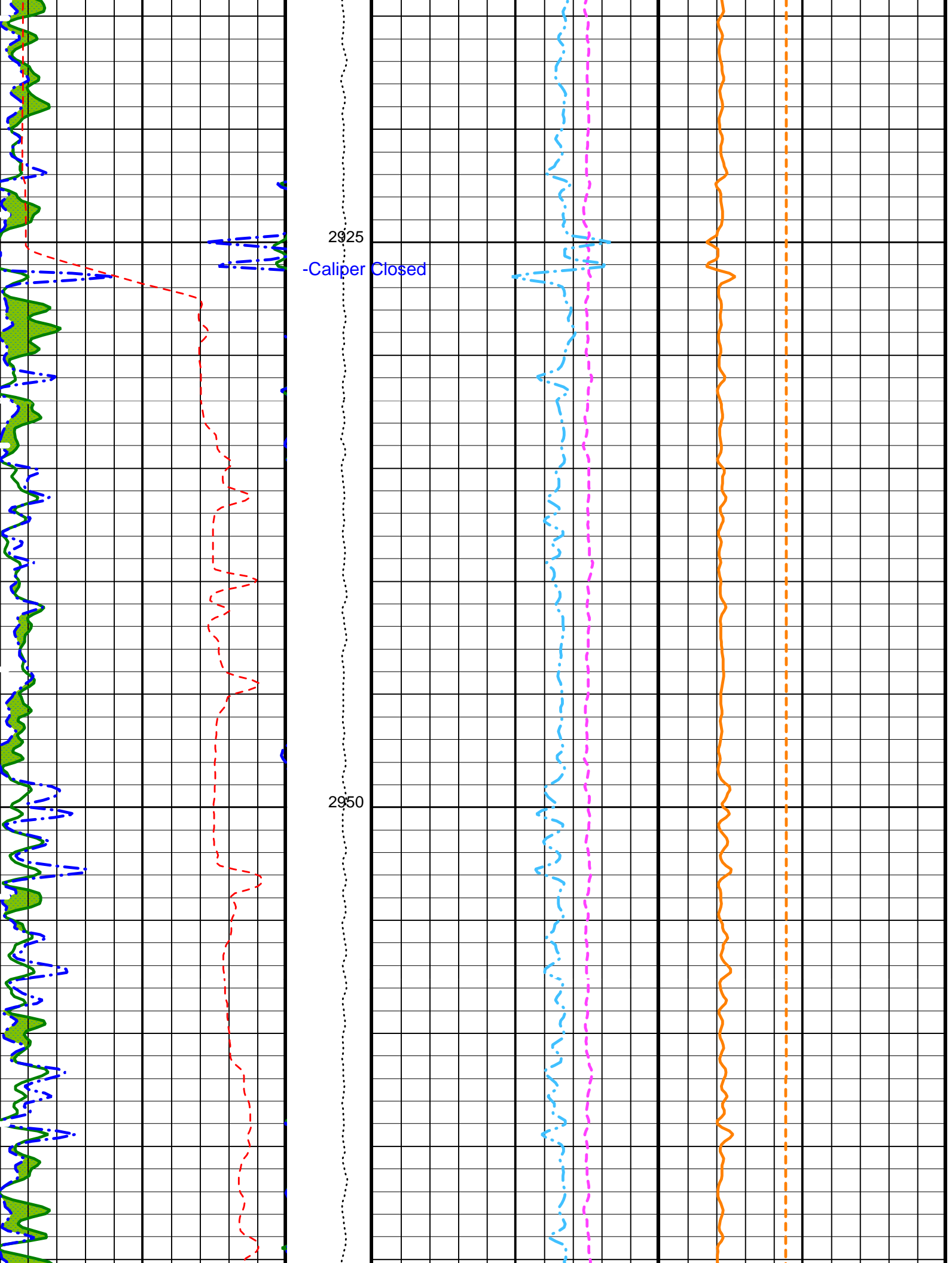


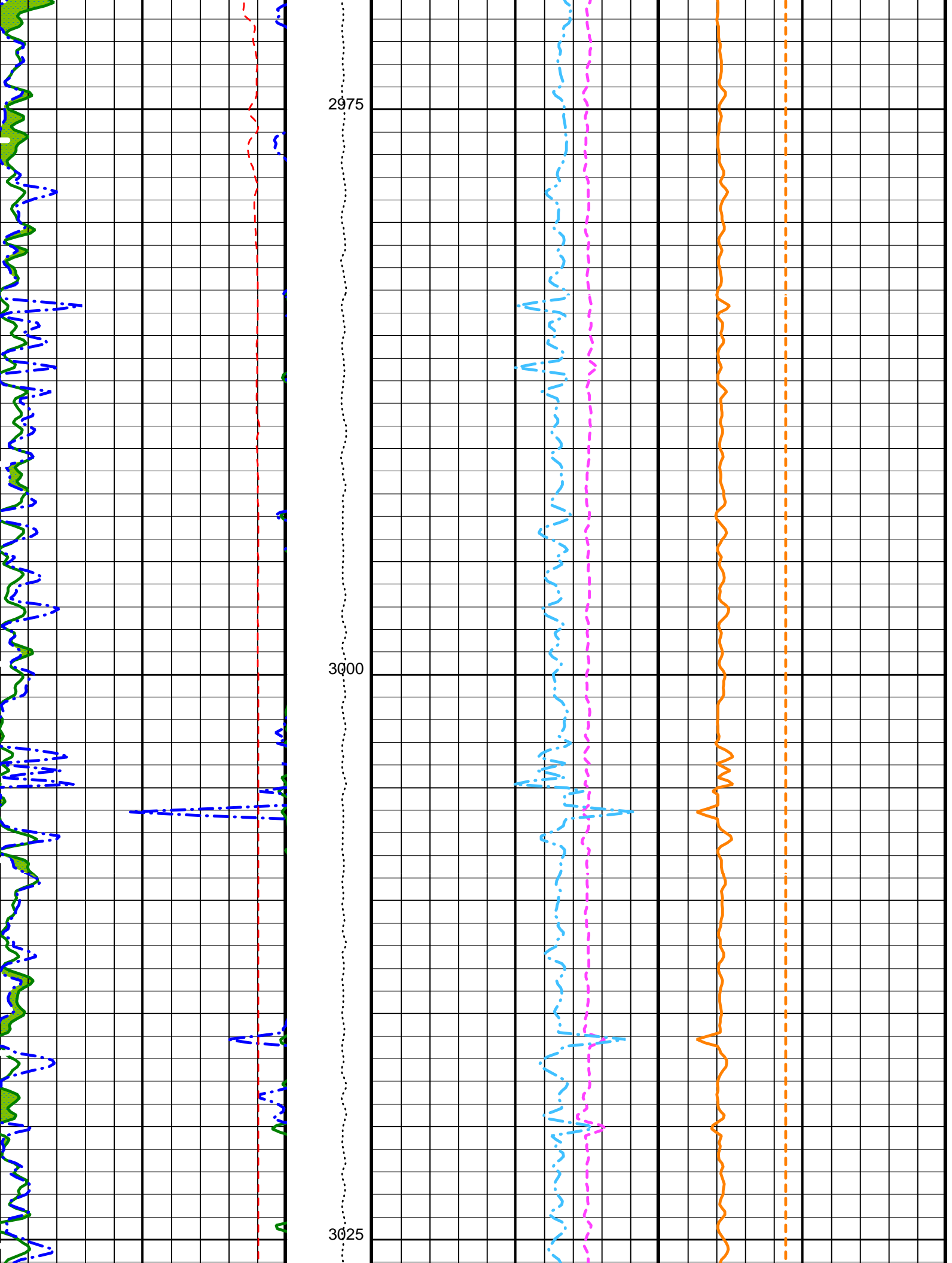
2825

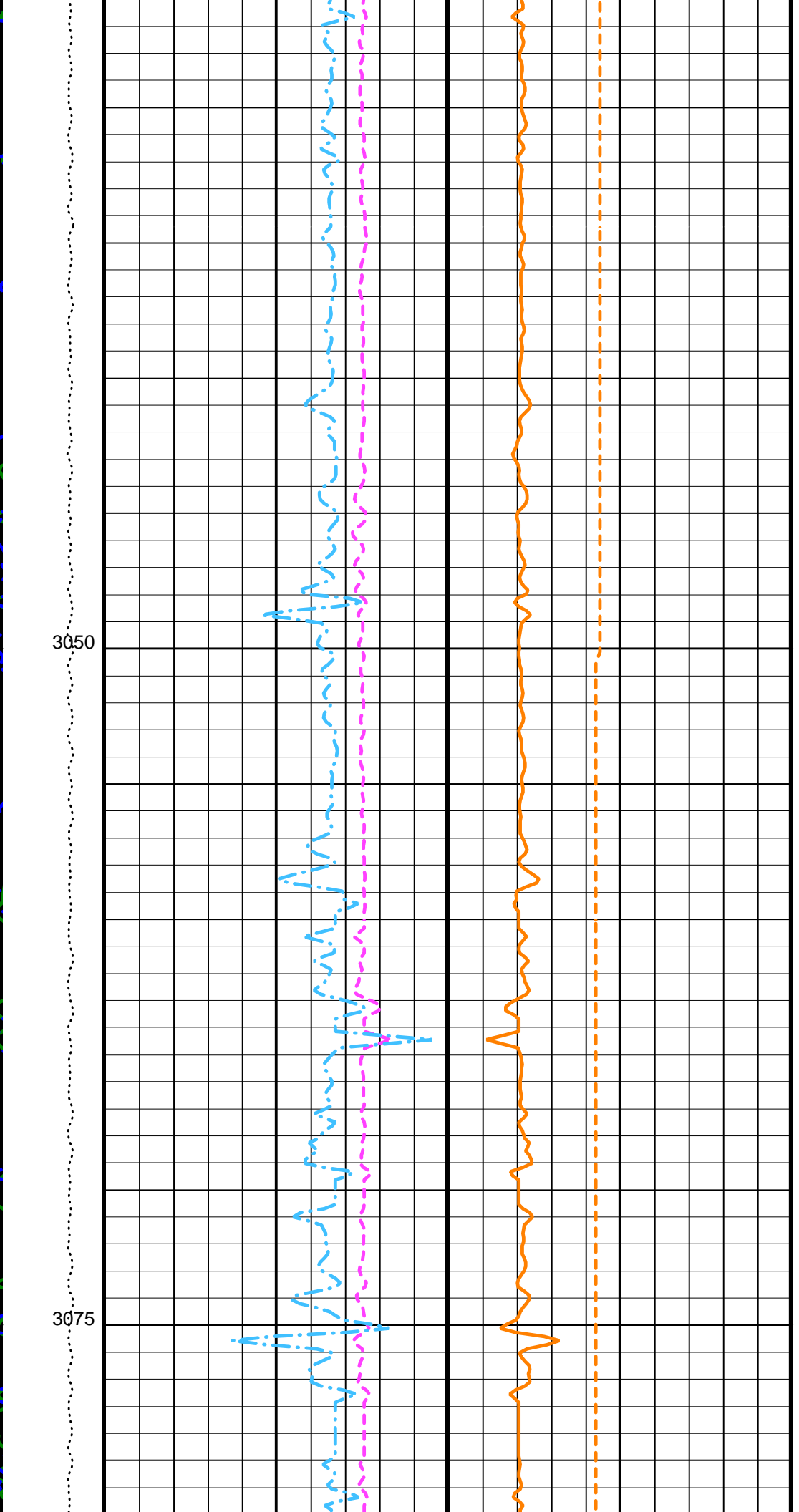
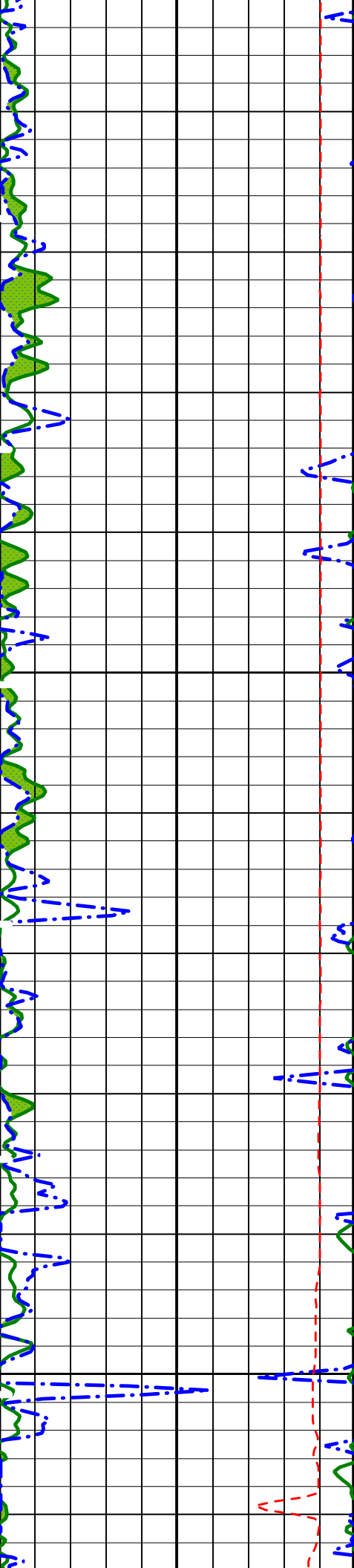
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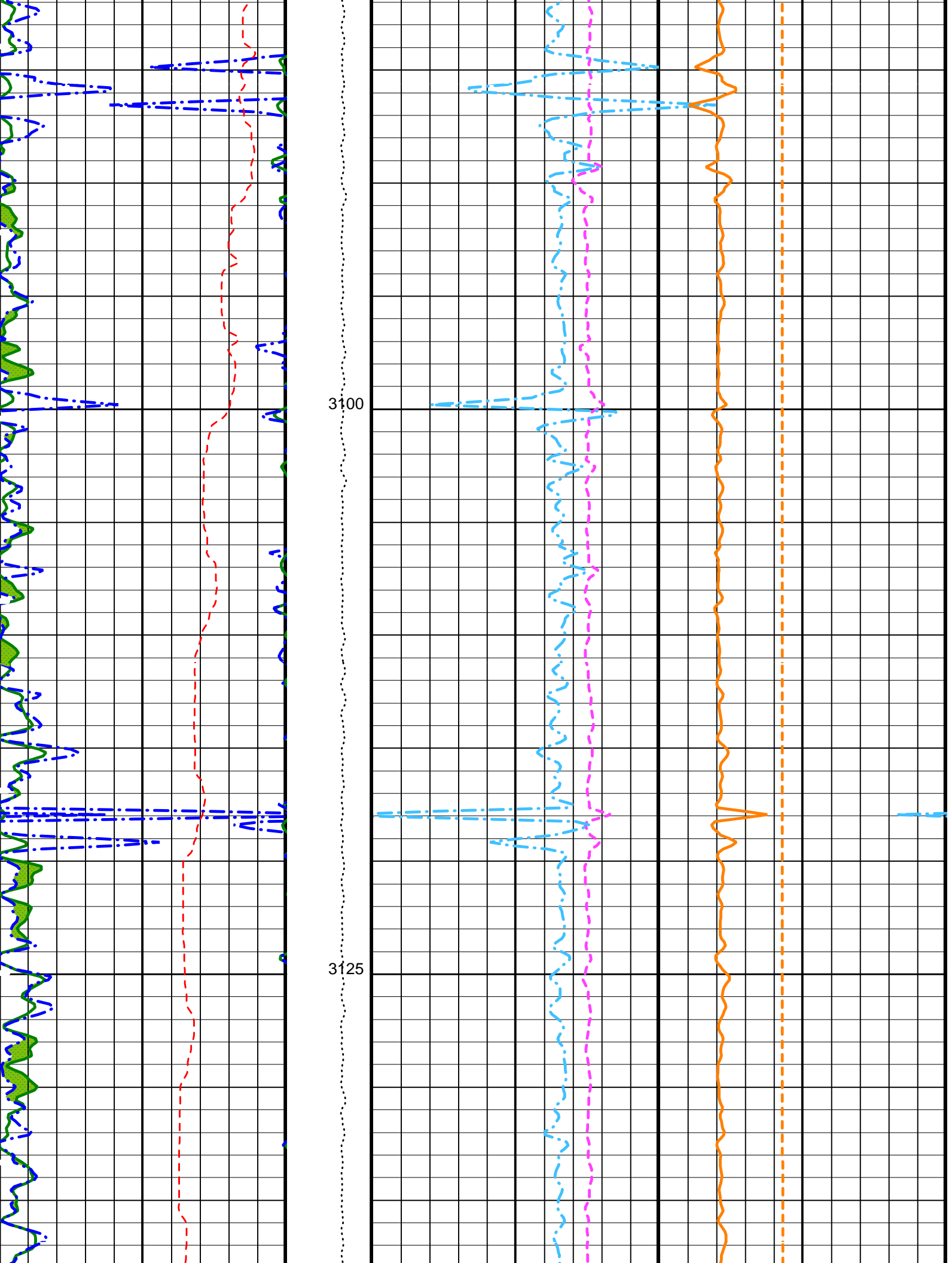


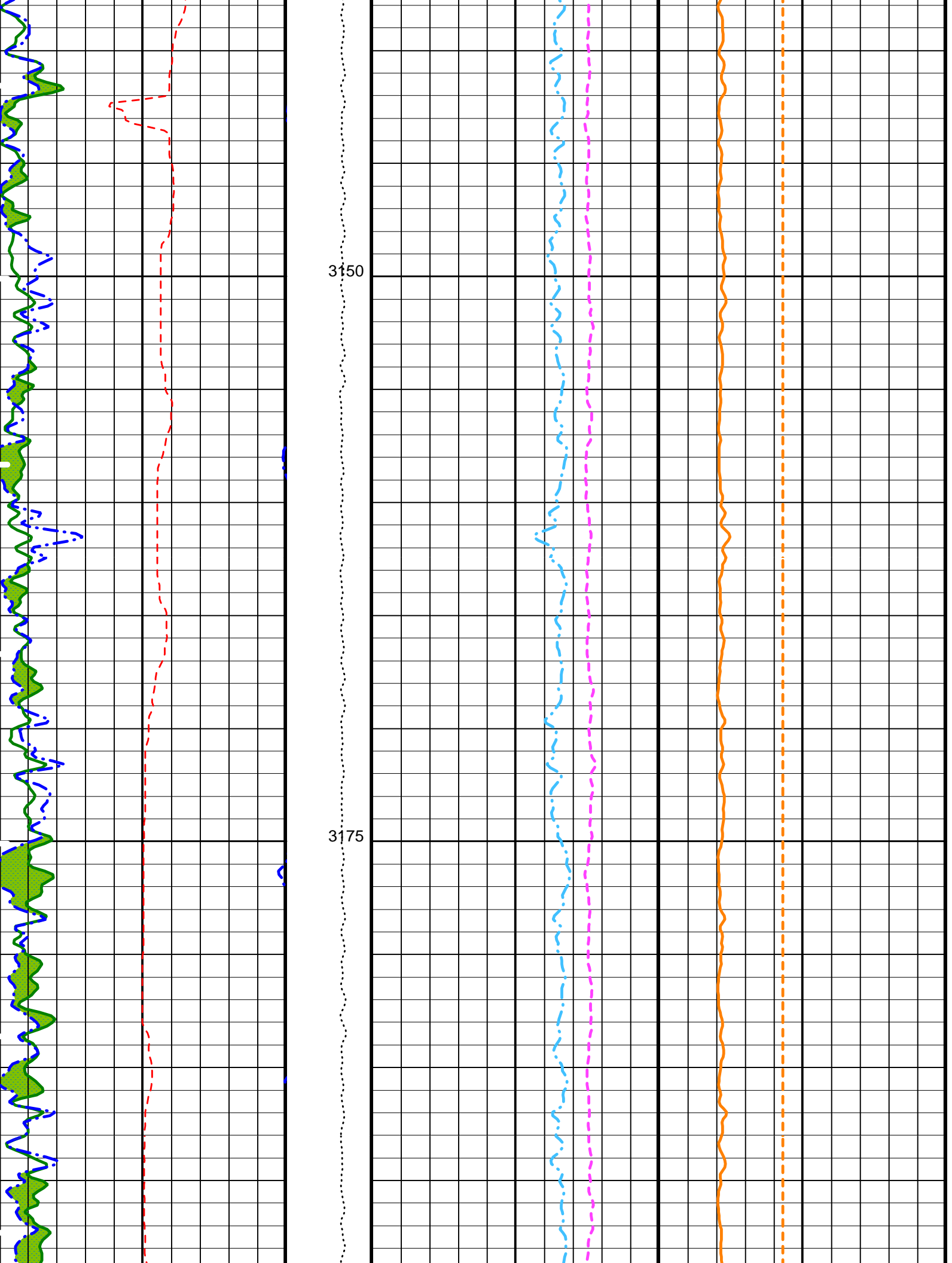


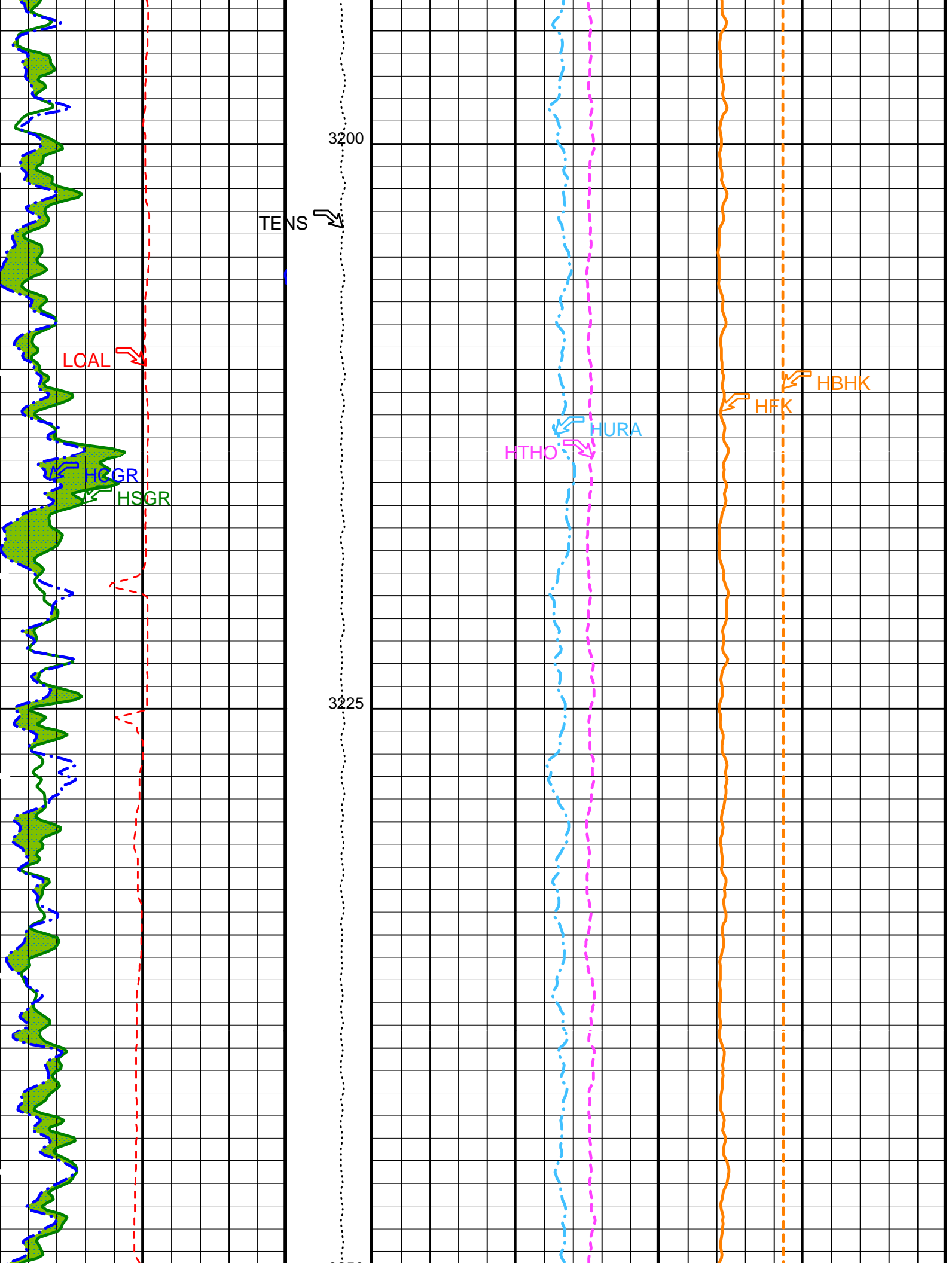


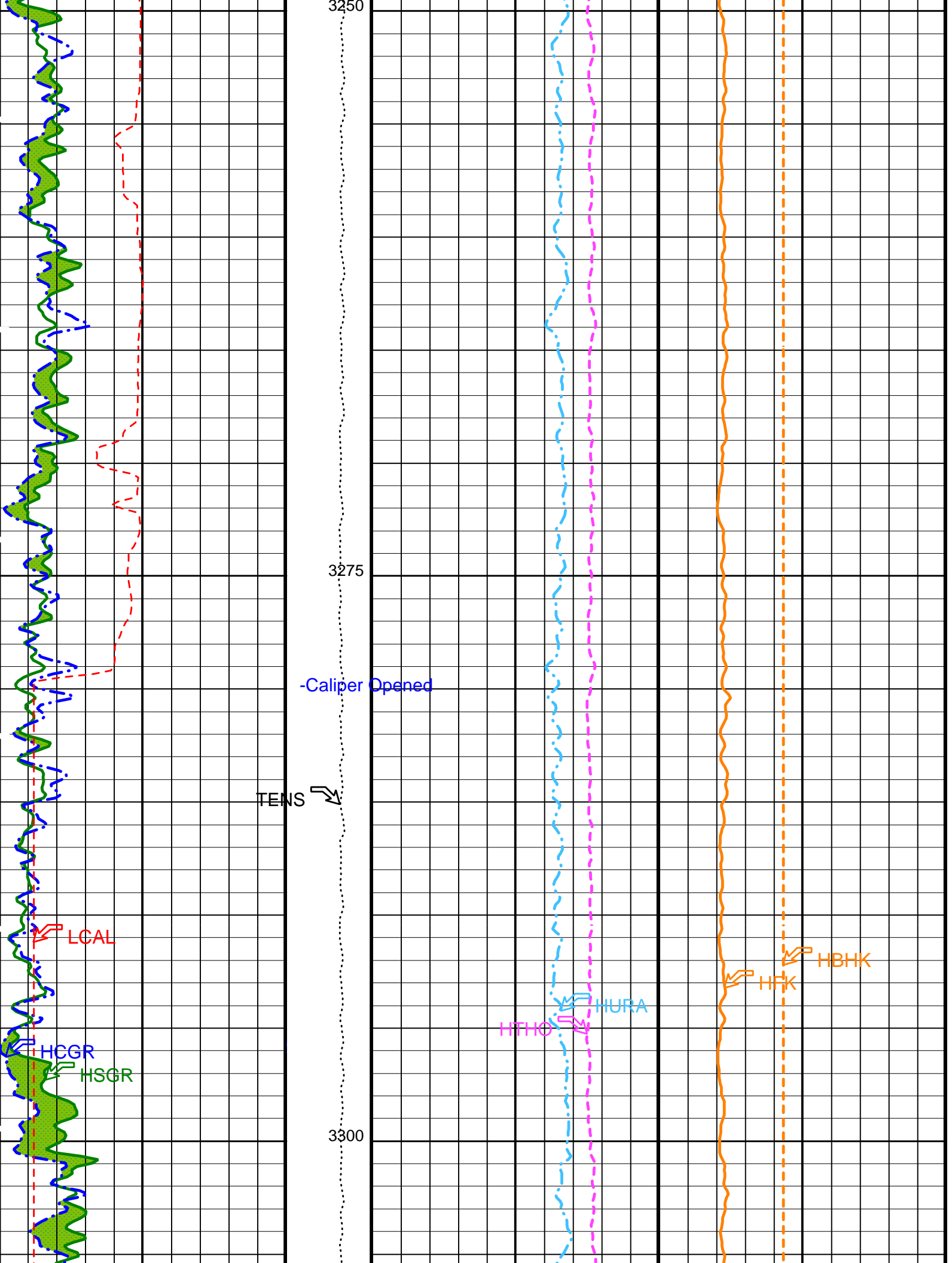


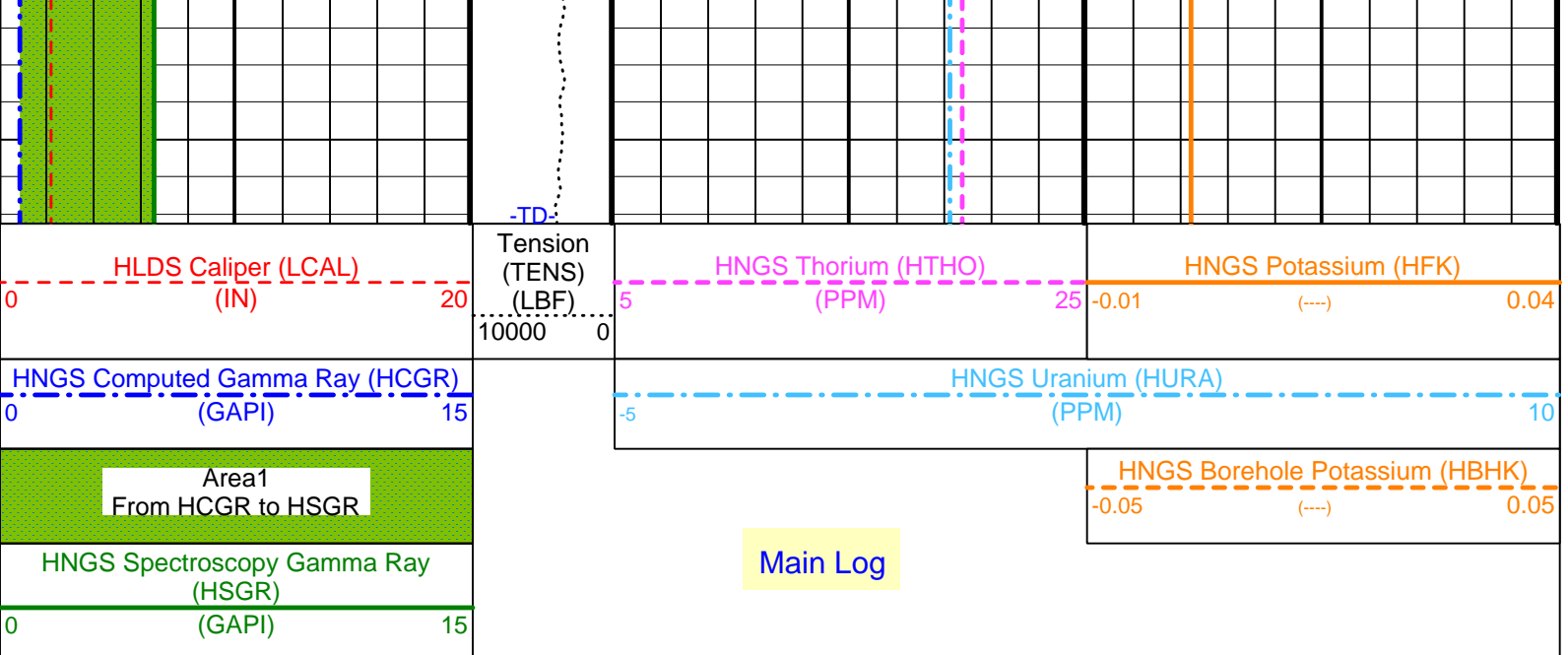












PIP SUMMARY

▶ Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DIT-E	Dual Induction - E	
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	-0.00661925
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	-999.25 CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	-999.25 CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES
TPOS	Tool Position	ECCE
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	-9.99842
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	4.55362
System and Miscellaneous		
BS	Bit Size	9.875 IN
DFD	Drilling Fluid Density	1.10 G/C3
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	OFF

Format: HNGSYields

Vertical Scale: 1:200

Graphics File Created: 03-Mar-2009 16:42

OP System Version: 17C0-154

DIT-E	17C0-154	GPIT-A/B	SRPC-3762-Q1_2009_OP17
DTA-A	17C0-154	HLDS	17C0-154
LDSC-B	17C0-154	HNGC-B	17C0-154
HNGS-BA	17C0-154	DTC-H	17C0-154

Input DLIS Files

DEFAULT	PI_LDL_NGS_055LUP	FN:80	PRODUCER	17-Feb-2009 23:02	3367.3 M	2749.6 M
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Output DLIS Files

DEFAULT

PI_LDL_NGS_092PUP

FN:148

PRODUCER

03-Mar-2009 16:42

MAIN PASS

MAXIS Field Log

Input DLIS Files

DEFAULT

Flip_PI_LDL_NGS_088LUP

PRODUCER

03-Mar-2009 16:08

3330.1 M

2754.6 M

Output DLIS Files

DEFAULT

PI_LDL_NGS_089PUP

FN:145

PRODUCER

03-Mar-2009 16:17

3330.1 M

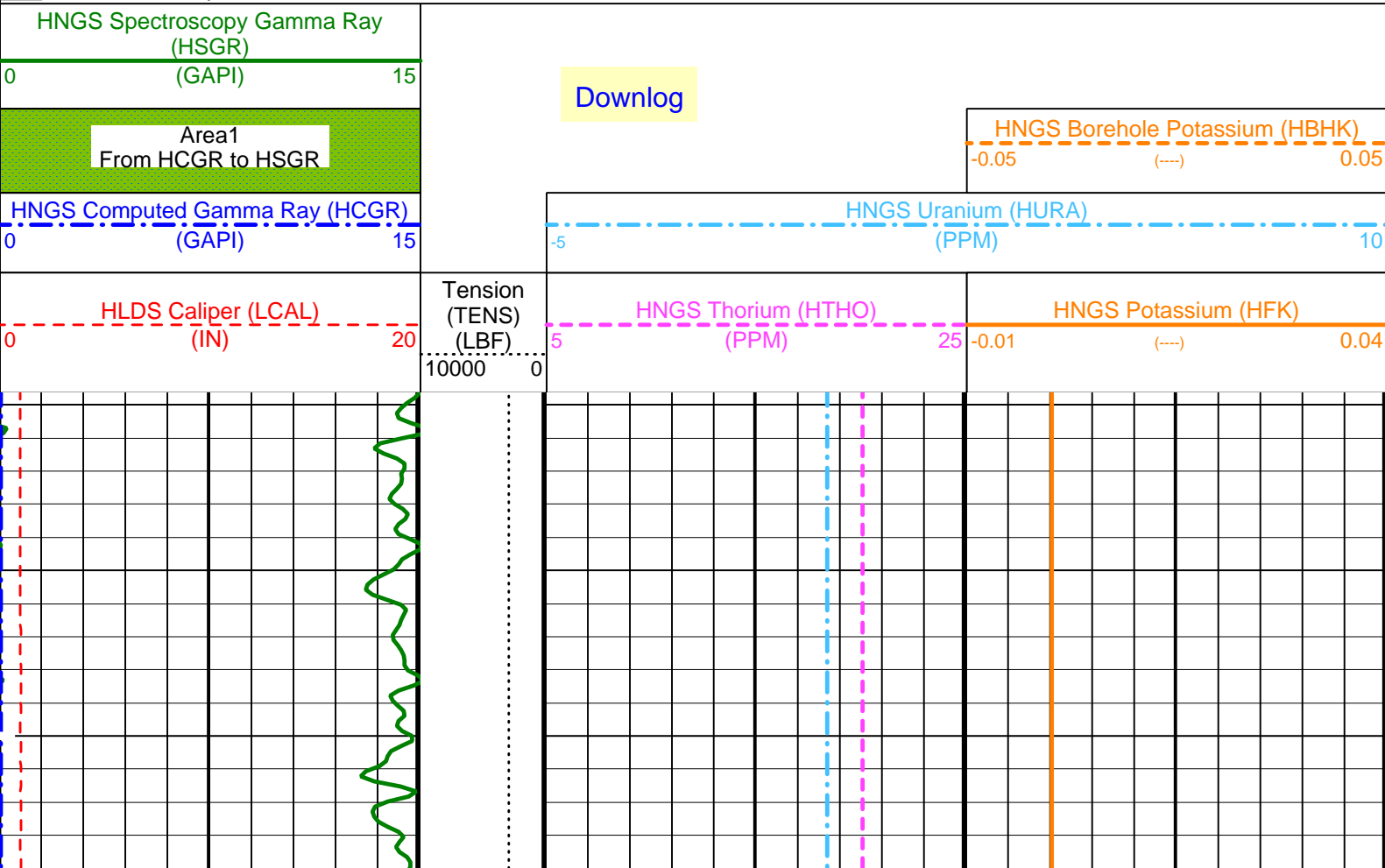
2754.6 M

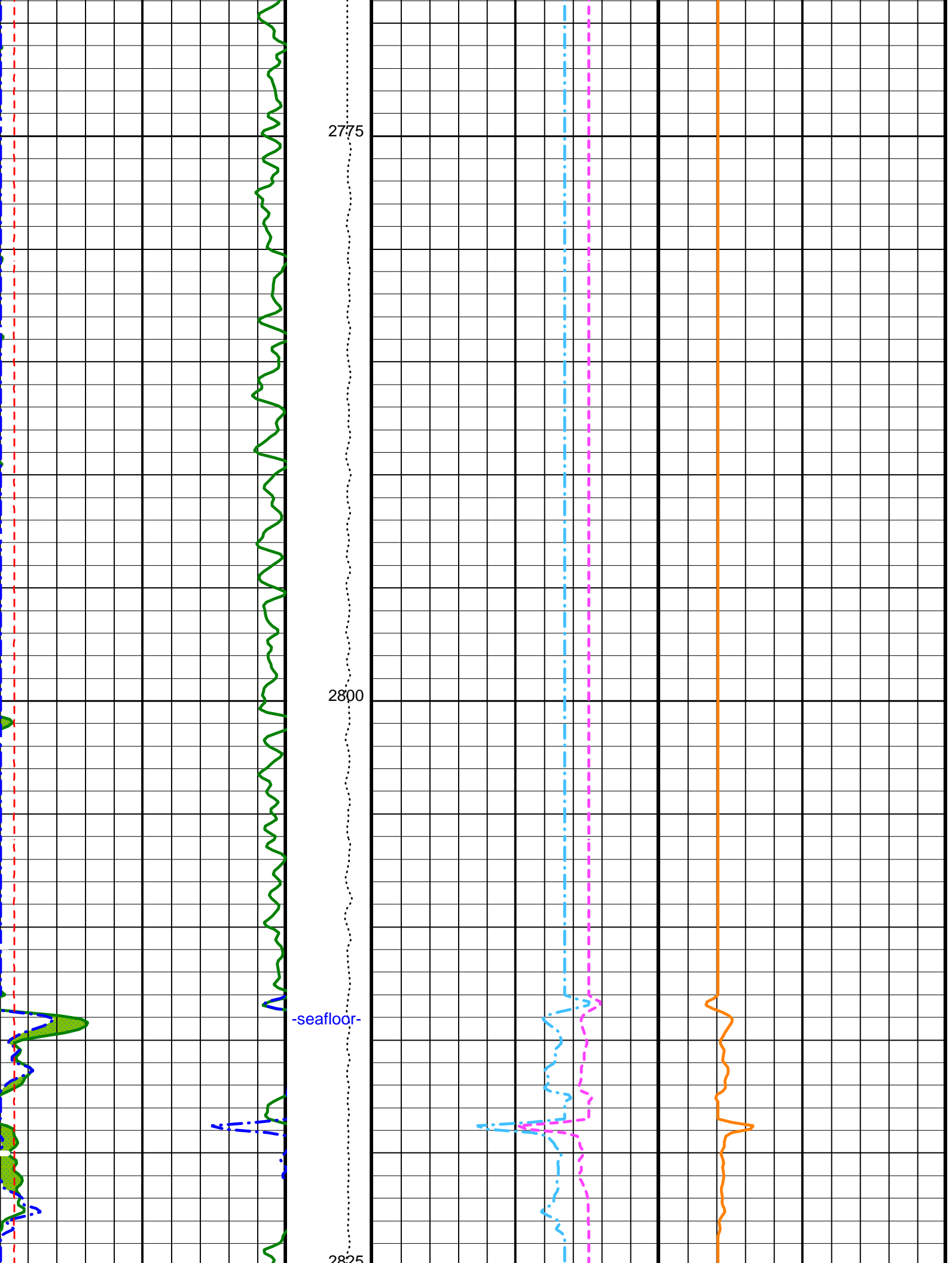
OP System Version: 17C0-154

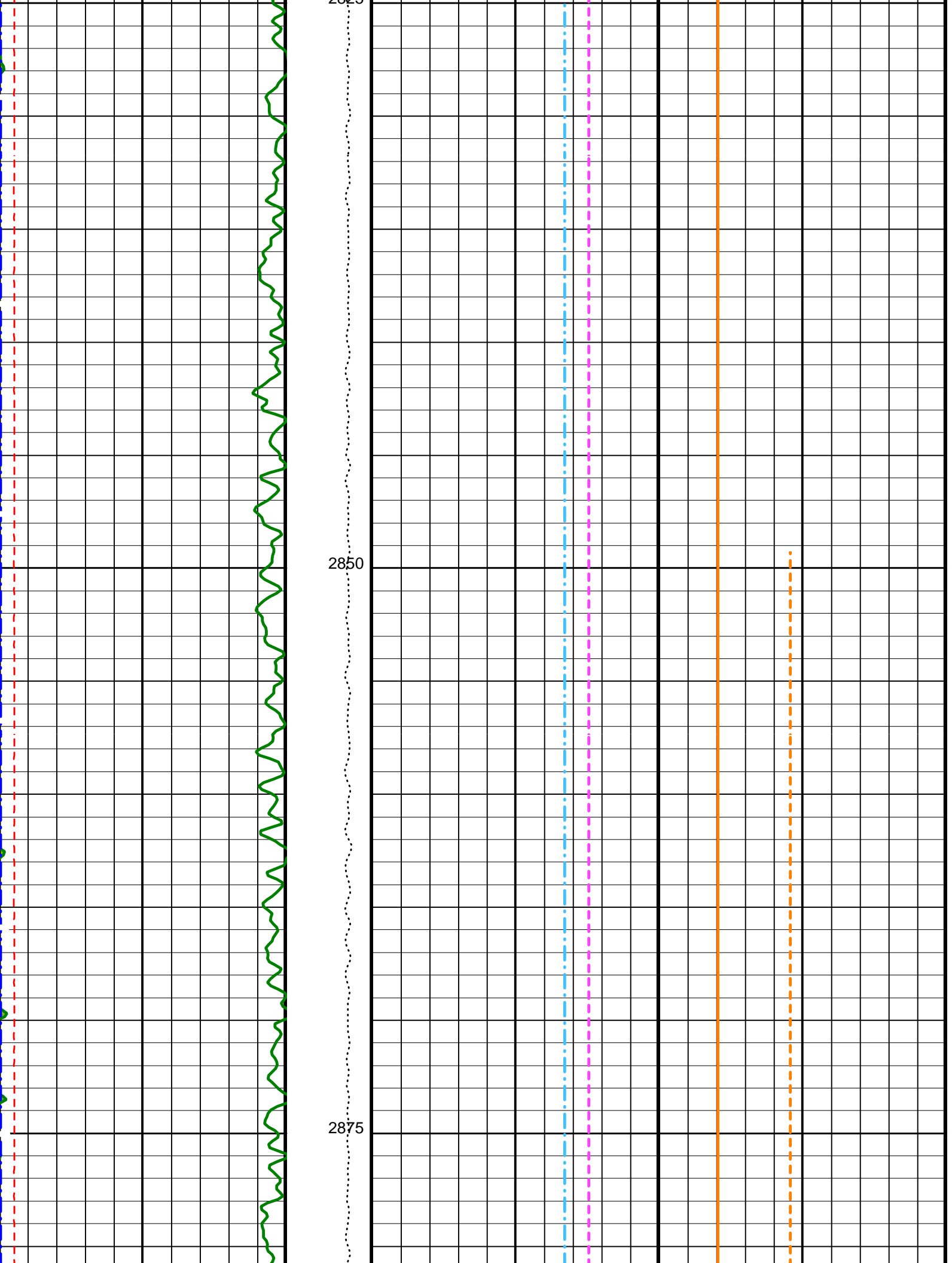
DIT-E	17C0-154	GPIT-A/B	SRPC-3762-Q1_2009_OP17
DTA-A	17C0-154	HLDS	17C0-154
LDSC-B	17C0-154	HNGC-B	17C0-154
HNGS-BA	17C0-154	DTC-H	17C0-154

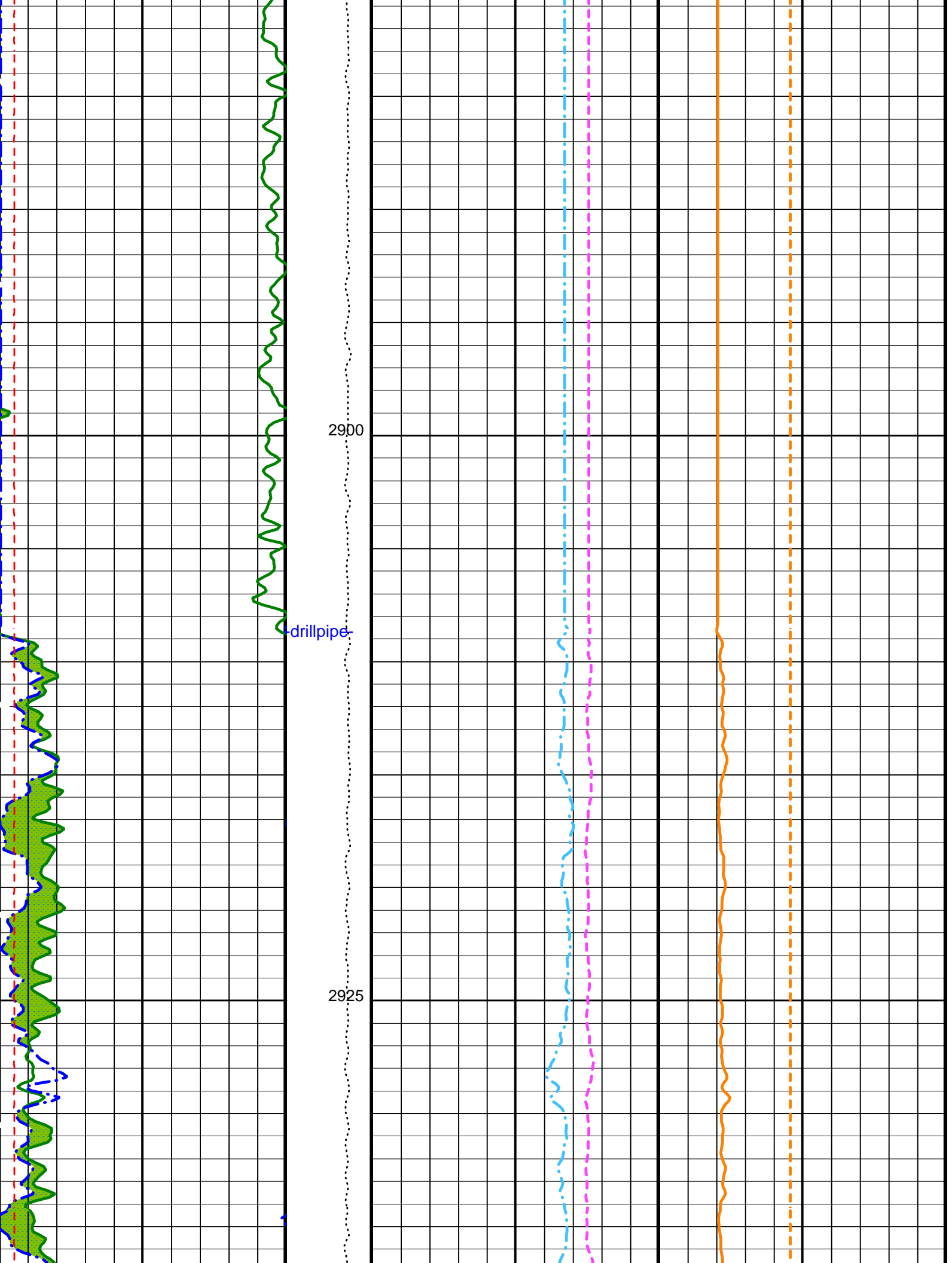
PIP SUMMARY

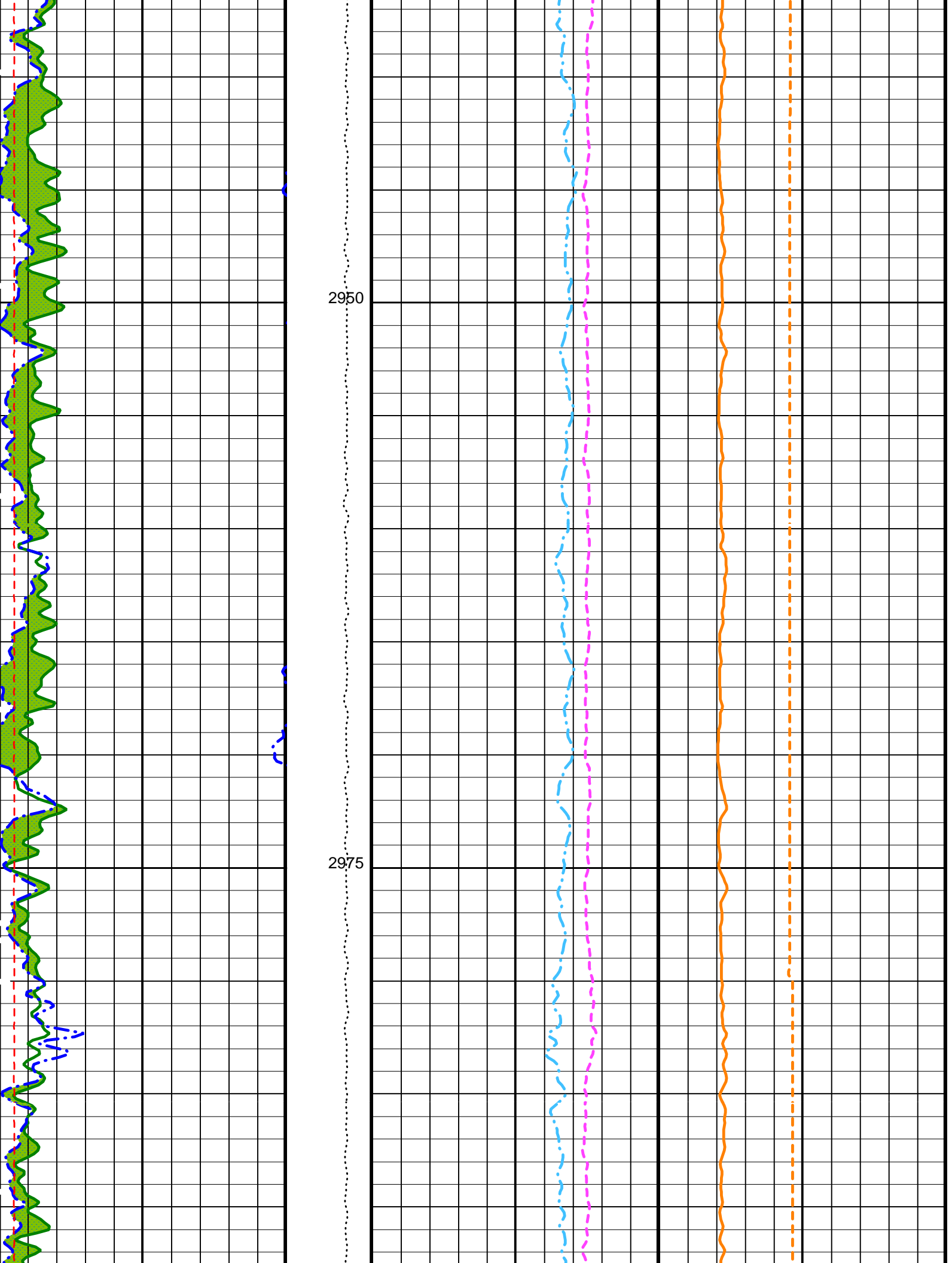
Time Mark Every 60 S

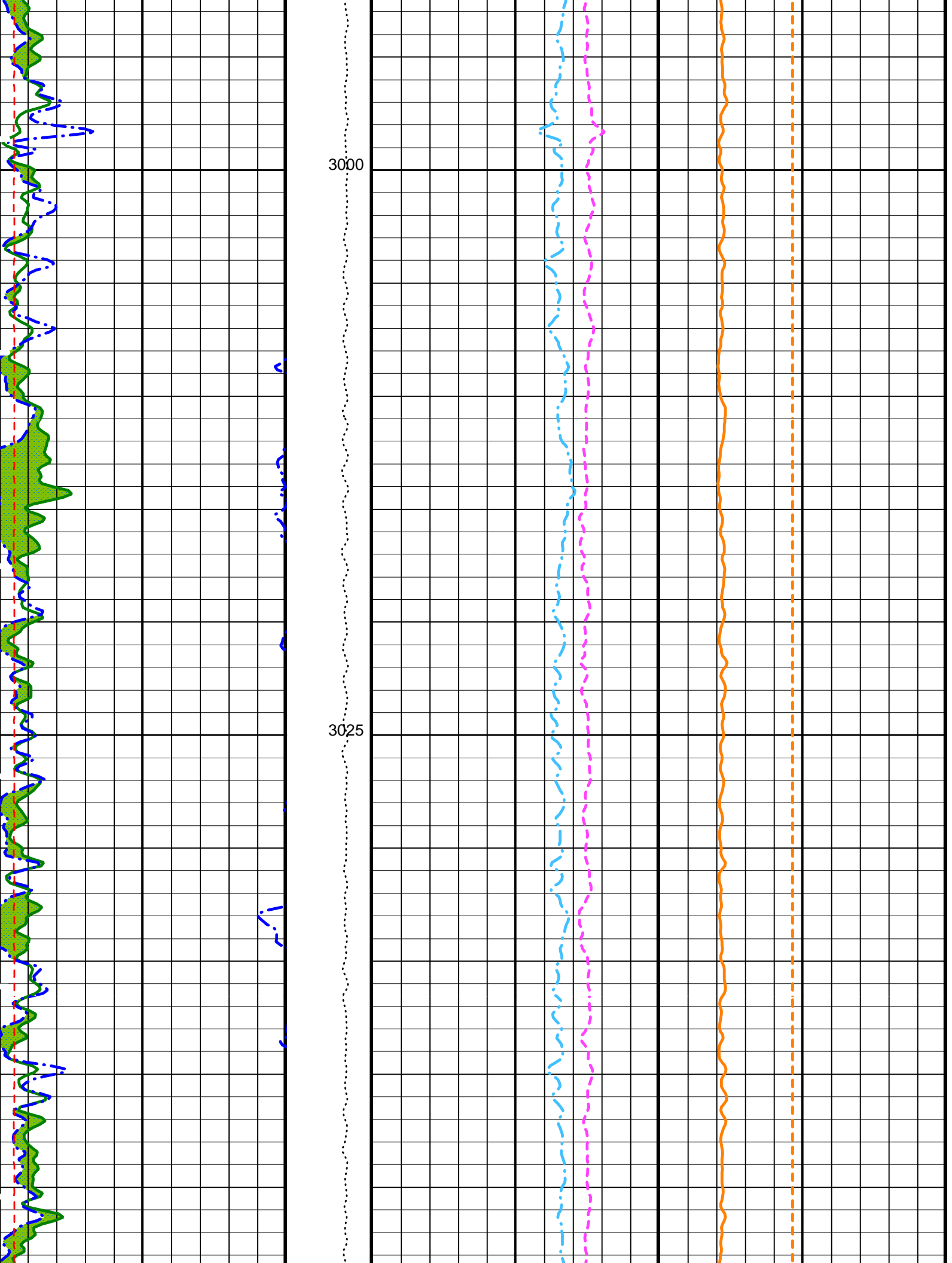


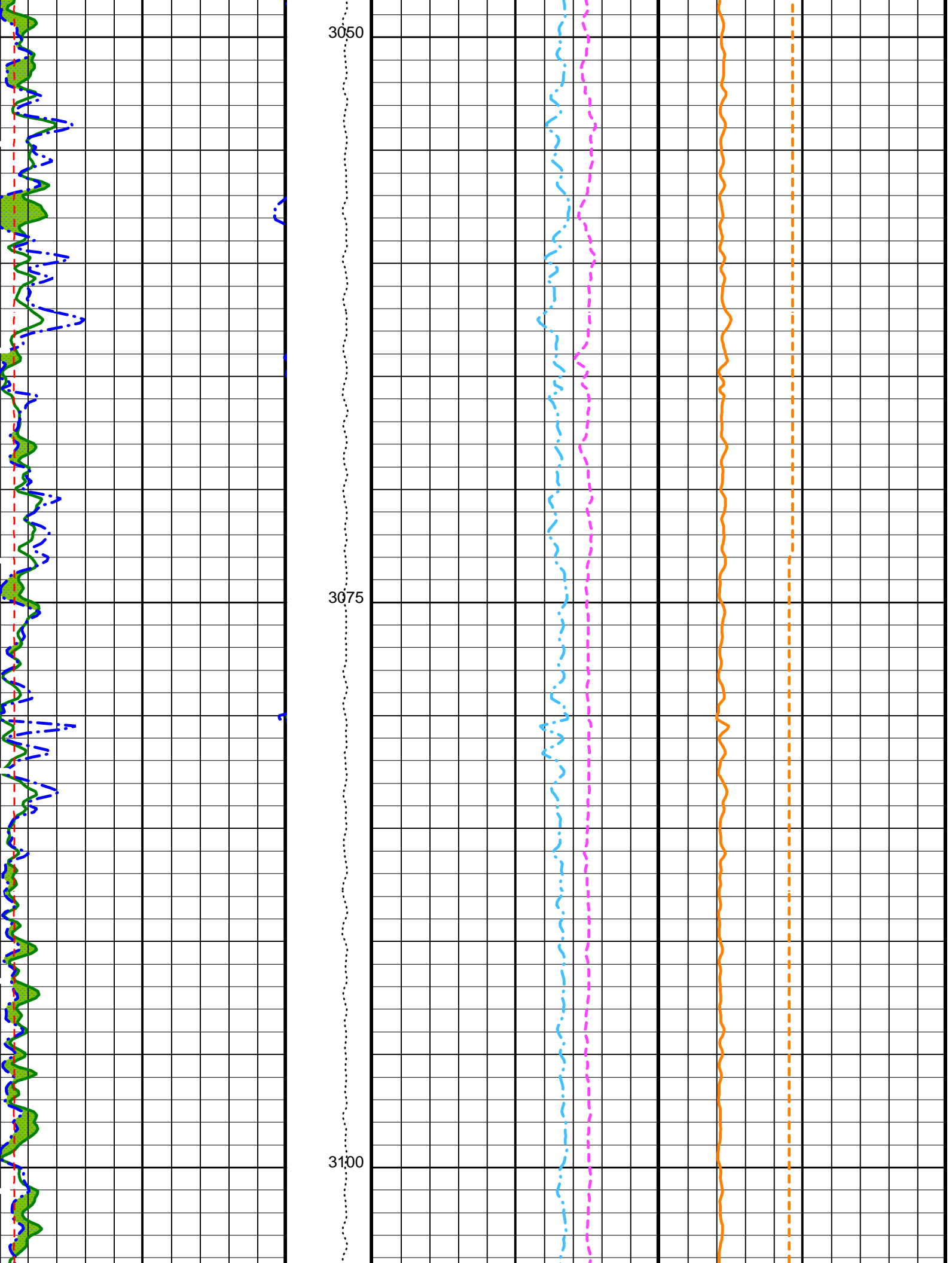


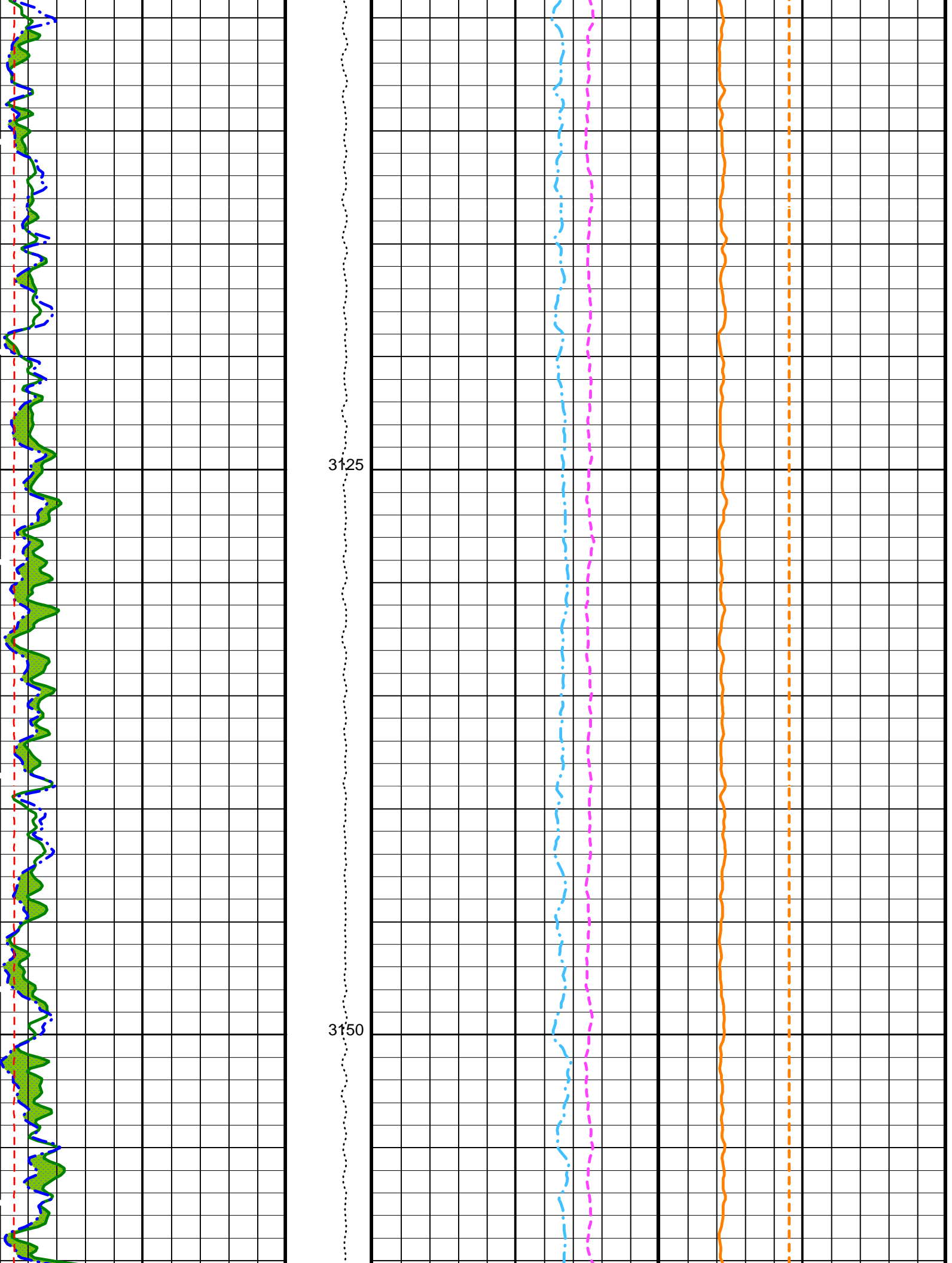


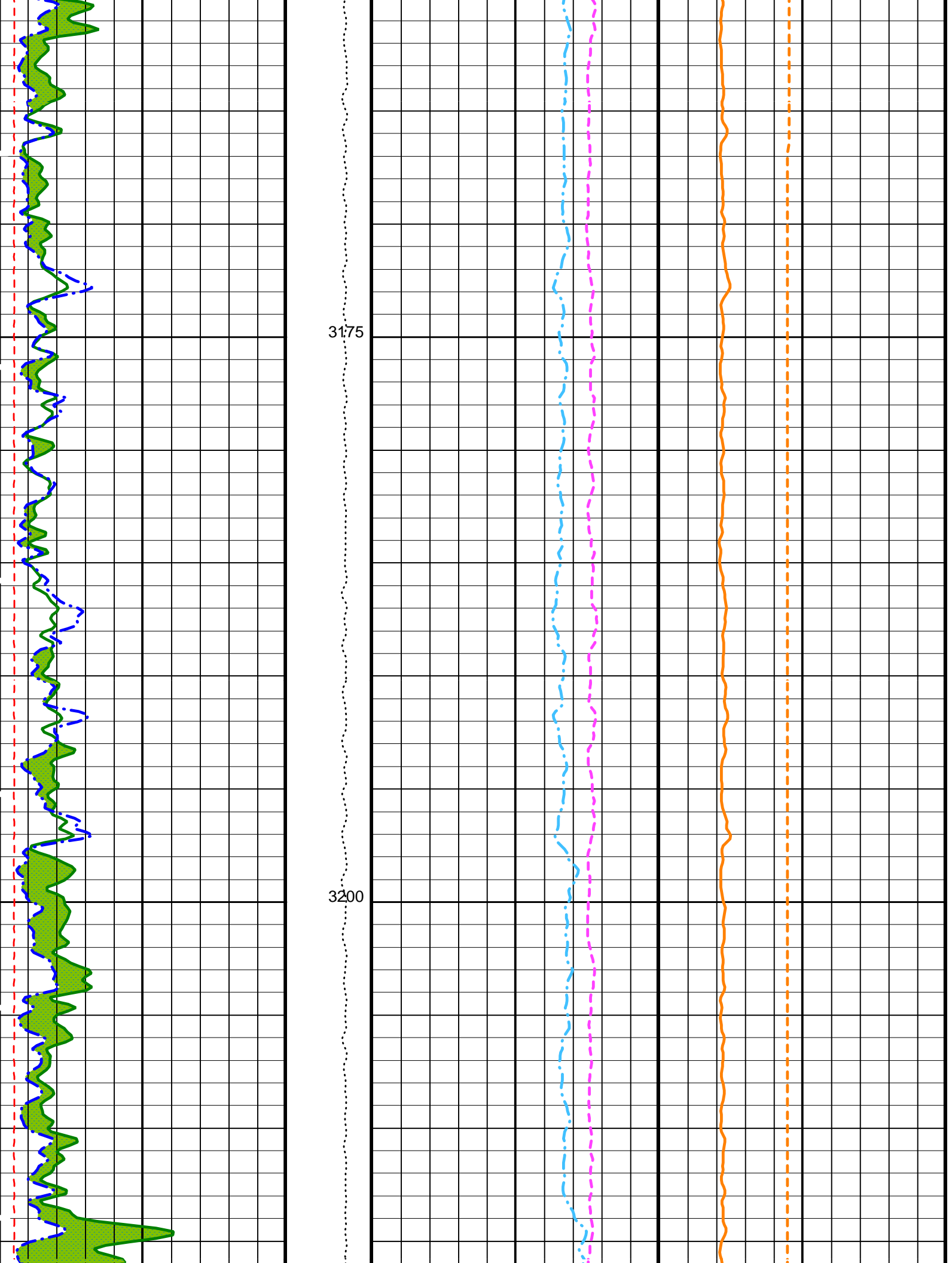


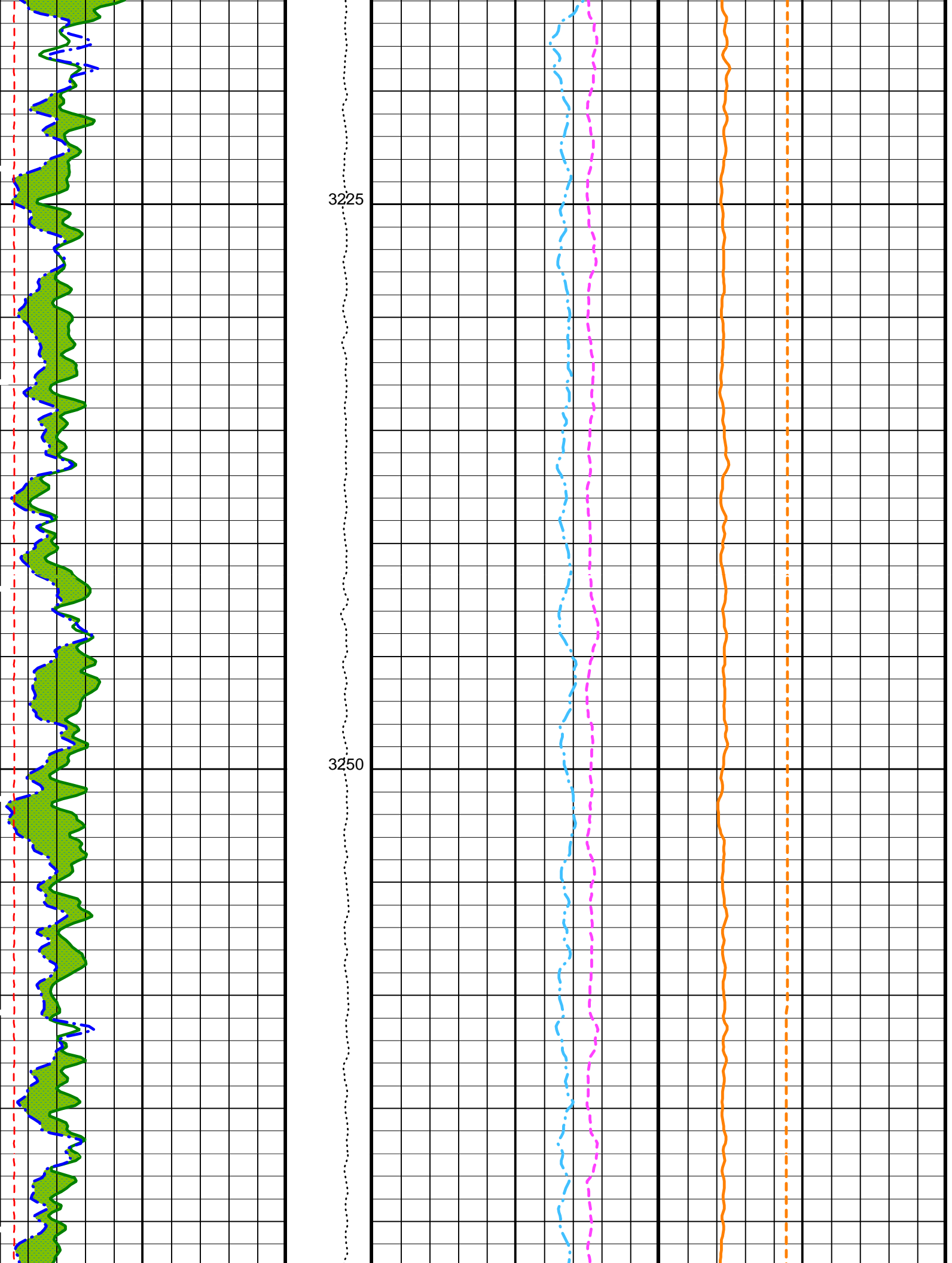


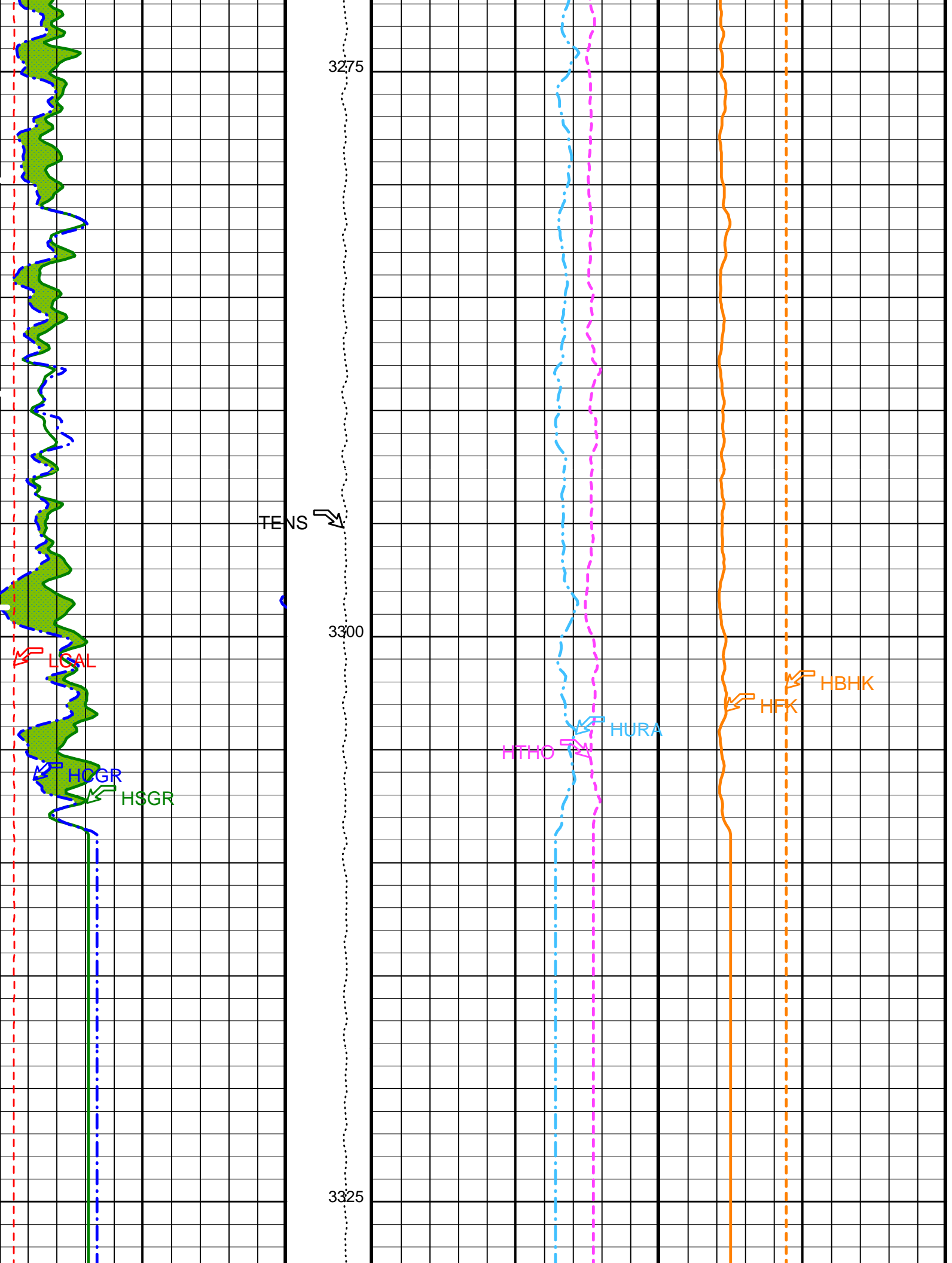


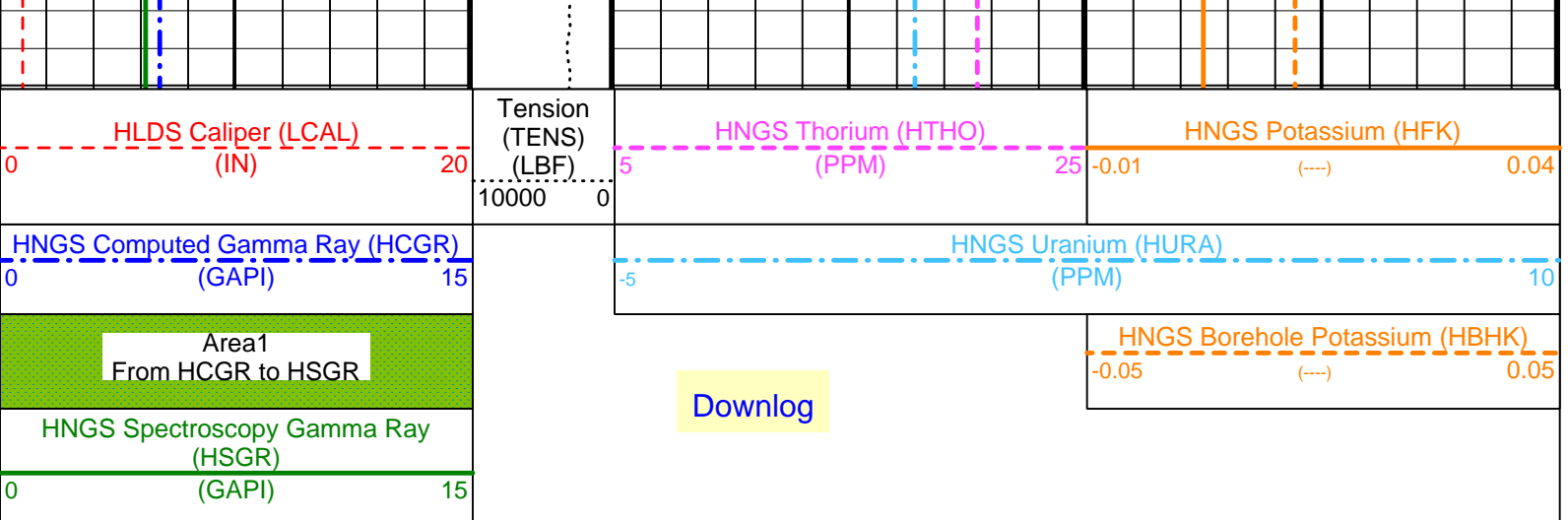












PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	DIT-E: Dual Induction - E	
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	-0.00661925
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	-999.25 CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	-999.25 CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES
TPOS	Tool Position	ECCE
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	-9.99842
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	4.55362
	System and Miscellaneous	
BS	Bit Size	9.875 IN
DFD	Drilling Fluid Density	1.10 G/C3
DO	Depth Offset for Playback	0.0 M
PP	Playback Processing	OFF

Format: HNGSYields

Vertical Scale: 1:200

Graphics File Created: 03-Mar-2009 16:17

OP System Version: 17C0-154

DIT-E	17C0-154	GPIT-A/B	SRPC-3762-Q1_2009_OP17
DTA-A	17C0-154	HLDS	17C0-154
LDSC-B	17C0-154	HNGC-B	17C0-154
HNGS-BA	17C0-154	DTC-H	17C0-154

Input DLIS Files

DEFAULT	Flip_PI_LDL_NGS_088LUP	PRODUCER	03-Mar-2009 16:08	3330.1 M	2754.6 M
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Output DLIS Files

DEFAULT	PI_LDL_NGS_089PUP	FN:145	PRODUCER	03-Mar-2009 16:17
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Input DLIS Files

DEFAULT PI_LDL_NGS_053LUP FN:74 PRODUCER 17-Feb-2009 22:09 3367.3 M 3251.3 M

Output DLIS Files

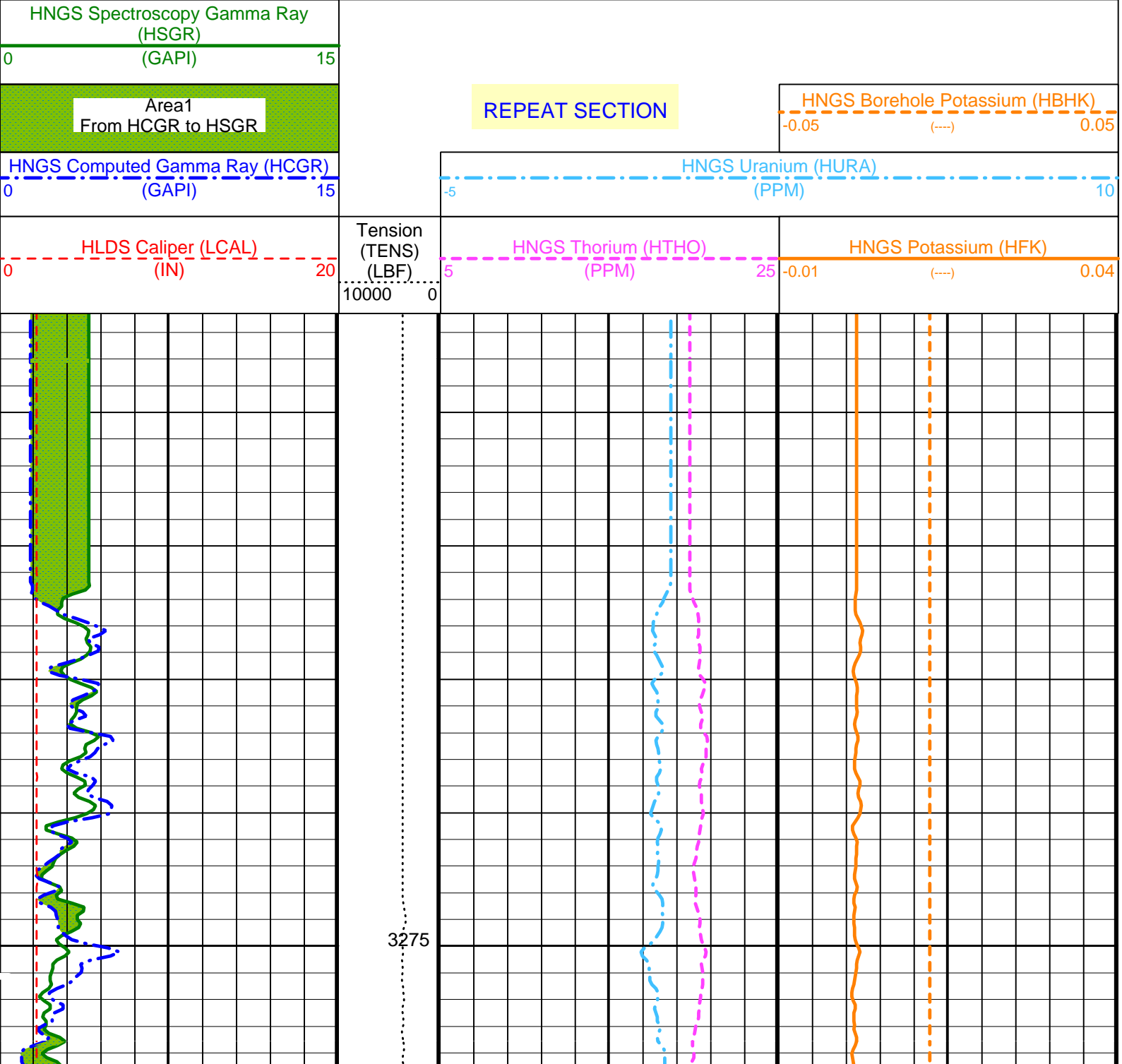
DEFAULT PI_LDL_NGS_091PUP FN:147 PRODUCER 03-Mar-2009 16:25 3367.3 M 3251.3 M

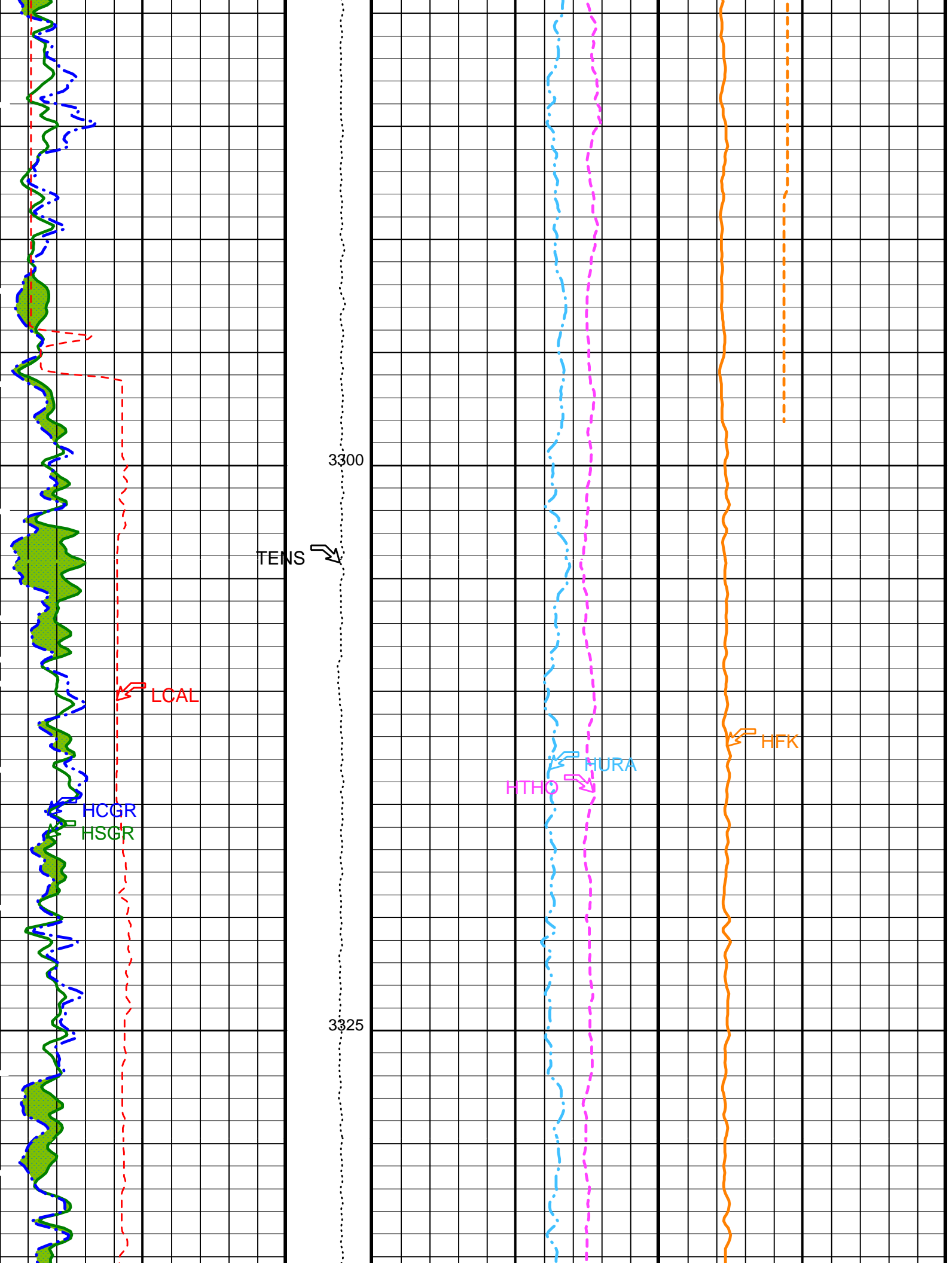
OP System Version: 17C0-154

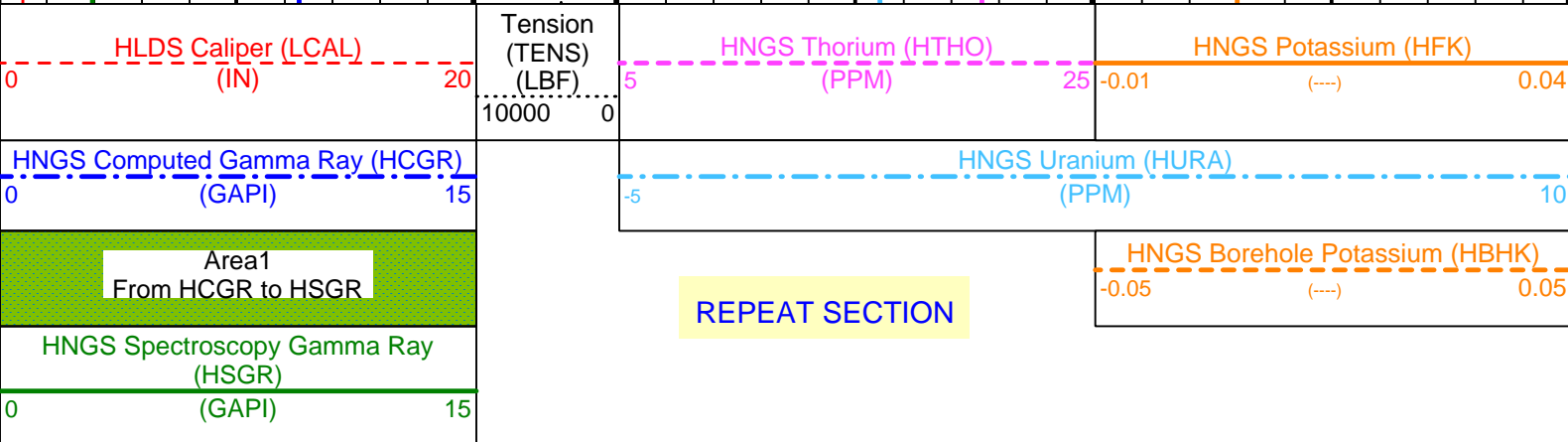
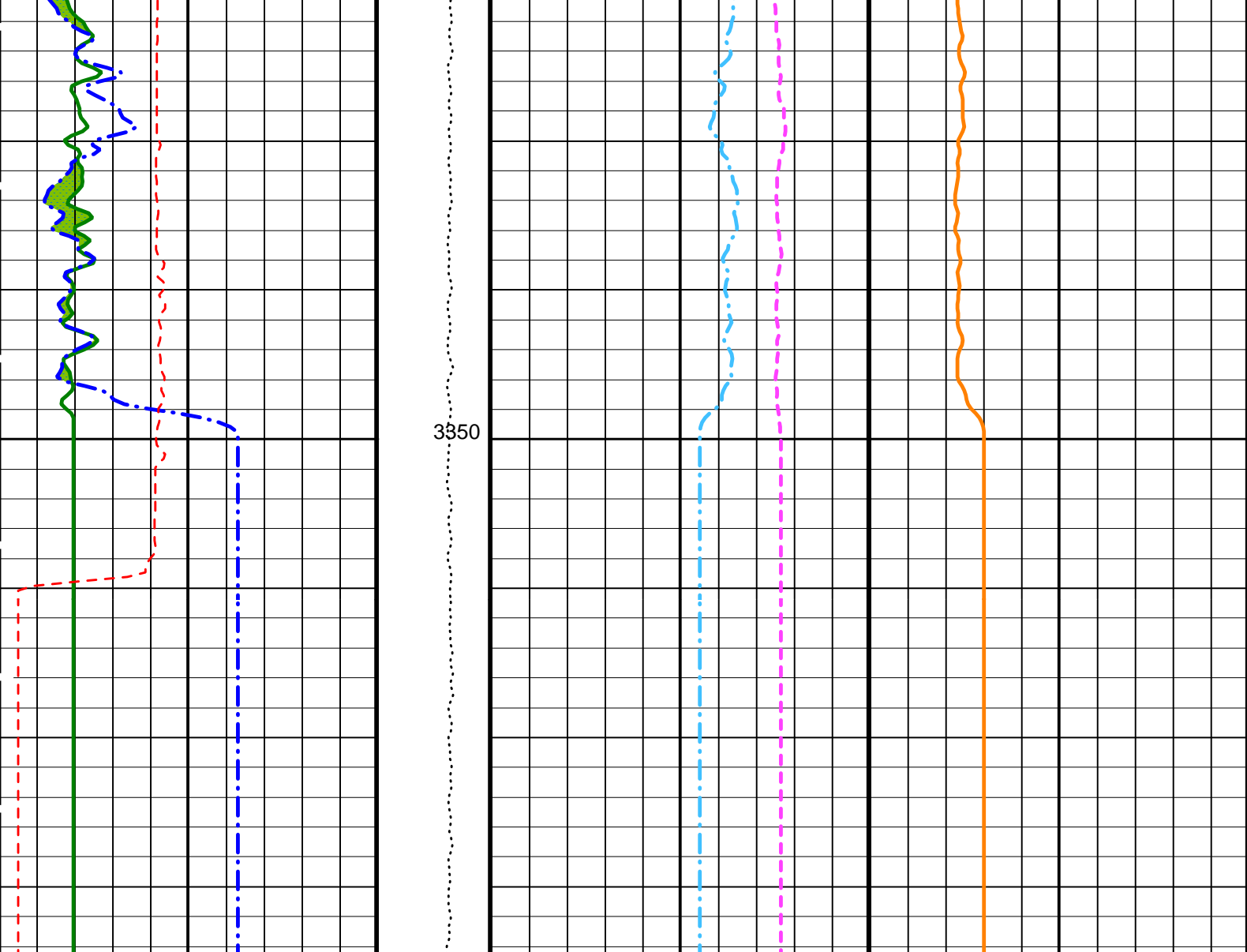
DIT-E	17C0-154	GPIT-A/B	SRPC-3762-Q1_2009_OP17
DTA-A	17C0-154	HLDS	17C0-154
LDSC-B	17C0-154	HNGC-B	17C0-154
HNGS-BA	17C0-154	DTC-H	17C0-154

PIP SUMMARY

Time Mark Every 60 S







PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	DIT-E: Dual Induction - E	
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

CSW2	Cutter 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	-0.00661925	
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	-999.25	CPS
S2BI	HNGS Detector 2 Calibration Bismuth Count Rate	-999.25	CPS
SGRC	HNGS Standard Gamma-Ray Correction Flag	YES	
TPOS	Tool Position	ECCE	
VBA1	HNGS Detector 1 Variable Barite Factor Running Average	-9.99842	
VBA2	HNGS Detector 2 Variable Barite Factor Running Average	4.55362	
System and Miscellaneous			
BS	Bit Size	9.875	IN
DFD	Drilling Fluid Density	1.10	G/C3
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	OFF	

Format: HNGSYields Vertical Scale: 1:200 Graphics File Created: 03-Mar-2009 16:25

OP System Version: 17C0-154

DIT-E	17C0-154	GPIT-A/B	SRPC-3762-Q1_2009_OP17
DTA-A	17C0-154	HLDS	17C0-154
LDSC-B	17C0-154	HNGC-B	17C0-154
HNGS-BA	17C0-154	DTC-H	17C0-154

Input DLIS Files

DEFAULT	PI_LDL_NGS_053LUP	FN:74	PRODUCER	17-Feb-2009 22:09	3367.3 M	3251.3 M
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Output DLIS Files

DEFAULT	PI_LDL_NGS_091PUP	FN:147	PRODUCER	03-Mar-2009 16:25		
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Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
General Purpose Inclinator Wellsite Calibration - CROUZET ACCELEROMETER							
Before: 12-Feb-2009 10:09 PROM HAS BEEN READ CORRECTLY							
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 Inclinator Wellsite Calibration - CROUZET MAGNETOMETER							
Before: 12-Feb-2009 10:09 PROM HAS BEEN READ CORRECTLY							
TEMPERATURE REFERENCE :	N/A	N/A	23	N/A	N/A	N/A	DEGC
YEAR OF CALIBRATION :	N/A	N/A	3	N/A	N/A	N/A	
MONTH OF CALIBRATION :	N/A	N/A	9	N/A	N/A	N/A	
SERIAL NUMBER :	N/A	N/A	507	N/A	N/A	N/A	
Hostile Litho-Density Sonde Wellsite Calibration - Background Measurement							
Master: Calibration out of date 8-Aug-2008 7:49 Before: 11-Feb-2009 22:41 After: Calibration not done							
SS Cs Resolution Bkg	9.000	8.543	8.544	N/A	N/A	1.800	%
LS Cs Resolution Bkg	9.000	8.493	8.582	N/A	N/A	1.800	%
LSW1 Background	100.0	77.28	76.13	N/A	N/A	0.03000	CPS
LSW2 Background	100.0	70.65	70.13	N/A	N/A	0.03000	CPS
LSW3 Background	200.0	158.8	155.6	N/A	N/A	0.03000	CPS
LSW4 Background	250.0	195.3	189.8	N/A	N/A	0.03000	CPS
LSW5 Background	600.0	439.3	431.0	N/A	N/A	0.03000	CPS
SSW1 Background	100.0	76.13	74.68	N/A	N/A	0.03000	CPS
SSW2 Background	200.0	132.2	129.8	N/A	N/A	0.03000	CPS
SSW3 Background	500.0	350.5	343.8	N/A	N/A	0.03000	CPS
SSW4 Background	270.0	187.4	185.7	N/A	N/A	0.03000	CPS
SSW5 Background	200.0	133.8	132.5	N/A	N/A	0.03000	CPS

Hostile Litho-Density Sonde Wellsite Calibration - Aluminum Measurement

Master: Calibration out of date 8-Aug-2008 8:58								
LSW1 Aluminum	600.0	518.1	N/A	N/A	N/A	N/A	N/A	CPS
LSW2 Aluminum	900.0	773.9	N/A	N/A	N/A	N/A	N/A	CPS
LSW3 Aluminum	1100	946.7	N/A	N/A	N/A	N/A	N/A	CPS
LSW4 Aluminum	580.0	473.3	N/A	N/A	N/A	N/A	N/A	CPS
LSW5 Aluminum	570.0	438.3	N/A	N/A	N/A	N/A	N/A	CPS
SSW1 Aluminum	2800	2297	N/A	N/A	N/A	N/A	N/A	CPS
SSW2 Aluminum	8000	6567	N/A	N/A	N/A	N/A	N/A	CPS
SSW3 Aluminum	11600	9498	N/A	N/A	N/A	N/A	N/A	CPS
SSW4 Aluminum	5000	3998	N/A	N/A	N/A	N/A	N/A	CPS
SSW5 Aluminum	660.0	538.6	N/A	N/A	N/A	N/A	N/A	CPS

Hostile Litho-Density Sonde Wellsite Calibration - Lithology Measurement

Master: Calibration out of date 8-Aug-2008 8:46								
LSW1 Iron	400.0	381.7	N/A	N/A	N/A	N/A	N/A	CPS
LSW2 Iron	730.0	666.8	N/A	N/A	N/A	N/A	N/A	CPS
LSW3 Iron	1000	893.1	N/A	N/A	N/A	N/A	N/A	CPS
LSW4 Iron	520.0	465.3	N/A	N/A	N/A	N/A	N/A	CPS
LSW5 Iron	470.0	431.1	N/A	N/A	N/A	N/A	N/A	CPS
SSW1 Iron	2100	1780	N/A	N/A	N/A	N/A	N/A	CPS
SSW2 Iron	6800	5718	N/A	N/A	N/A	N/A	N/A	CPS
SSW3 Iron	10800	9016	N/A	N/A	N/A	N/A	N/A	CPS
SSW4 Iron	4600	3838	N/A	N/A	N/A	N/A	N/A	CPS
SSW5 Iron	580.0	512.8	N/A	N/A	N/A	N/A	N/A	CPS

Hostile Litho-Density Sonde Wellsite Calibration - Caliper Calibration

Before: 11-Feb-2009 22:03								
HLDS Caliper Small Ring	8.000	N/A	10.66	N/A	N/A	N/A	N/A	IN
HLDS Caliper Large Ring	12.00	N/A	14.66	N/A	N/A	N/A	N/A	IN

Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 1 Check

Master: Calibration out of date 29-Apr-2008 15:27 Before: 11-Feb-2009 22:36								
Na 511 Peak Loc	40.00	40.61	39.69	N/A	N/A	1.000		
Na 511 Peak Res	15.50	16.89	17.41	N/A	N/A	2.000	%	
High Voltage	1150	1170	1192	N/A	N/A	N/A	V	
Na 1785 Peak Loc	142.6	145.3	142.3	N/A	N/A	7.000		
Na 1785 Peak Res	8.500	9.978	9.812	N/A	N/A	2.000	%	
Temperature	15.50	27.24	36.04	N/A	N/A	N/A	DEGC	
Na Count Rate	45.00	47.84	38.46	N/A	N/A	8.000	CPS	

Hostile Natural Gamma Ray Sonde Wellsite Calibration - Detector 2 Check

Master: Calibration out of date 29-Apr-2008 15:27 Before: 11-Feb-2009 22:36								
Na 511 Peak Loc	40.00	40.68	39.73	N/A	N/A	1.000		
Na 511 Peak Res	15.50	14.89	15.70	N/A	N/A	2.000	%	
High Voltage	1150	1247	1272	N/A	N/A	N/A	V	
Na 1785 Peak Loc	142.6	144.4	141.4	N/A	N/A	7.000		
Na 1785 Peak Res	8.500	8.329	8.903	N/A	N/A	2.000	%	
Temperature	15.50	26.21	35.43	N/A	N/A	N/A	DEGC	
Na Count Rate	45.00	48.61	39.02	N/A	N/A	8.000	CPS	

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

Master: Calibration out of date 29-Apr-2008 15:27 Before: 11-Feb-2009 22:36								
Coincidence Count Rate Ratio	1.000	0.9831	0.9864	N/A	N/A	0.05000		

Hostile Natural Gamma Ray Sonde Master Calibration - Detector 1 Calibration

Master: Calibration out of date 29-Apr-2008 15:22								
Na 511 Peak Set Point	40.00	42.00	--	--	--	--		
Th Peak Loc	209.6	209.6	--	--	--	--		
Th Peak Res	7.000	7.774	--	--	--	--	%	
Background Count Rate	142.5	82.62	--	--	--	--	CPS	
Gain Ratio	1.000	0.9819	--	--	--	--		

Hostile Natural Gamma Ray Sonde Master Calibration - Detector 2 Calibration

Master: Calibration out of date 29-Apr-2008 15:22								
Na 511 Peak Set Point	40.00	42.00	--	--	--	--		
Th Peak Loc	209.6	208.4	--	--	--	--		
Th Peak Res	7.000	7.245	--	--	--	--	%	
Background Count Rate	142.5	83.78	--	--	--	--	CPS	
Gain Ratio	1.000	0.9747	--	--	--	--		

Dual Induction - E / Equipment Identification

Primary Equipment:		
Dual Induction Sonde	DIS - HB	442
Dual Induction Cartridge	DIC - EB	438

Auxiliary Equipment:		
Mass Isolated Housing	MIH - ZA	417

General Purpose Inclinator / Equipment Identification

Primary Equipment:			
GPIT Cartridge - A	GPIC - A		840
Auxiliary Equipment:			
GPIT Housing	GPIH - A		2864

Hostile Litho-Density Sonde / Equipment Identification

Primary Equipment:			
Hostile Litho Density Sonde	HLDS - D		35
Hostile Litho Density High Voltage	HLDV - D		35
Gamma Source Radioactive	GSR - Z		2326
Auxiliary Equipment:			
Hostile Litho Density Pad	HLDP - C		35
Hostile Litho Density High Voltage Housi	HEH - H		35

Litho-Density Spectroscopy Cartridge - B / Equipment Identification

Primary Equipment:			
LDSC Cartridge	LDSC - B		521
Auxiliary Equipment:			
LDSC Housing	LDSH - A		126

Hostile Natural Gamma Ray Cartridge - B / Equipment Identification

Primary Equipment:			
HNGC Cartridge	HNGC - B		202
Auxiliary Equipment:			
HNGC Housing	HNGH - A		30

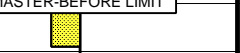
Hostile Natural Gamma Ray Sonde / Equipment Identification


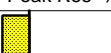

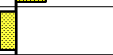
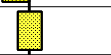
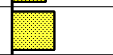






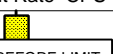
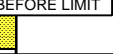
Primary Equipment:			
HNGS Sonde	HNGS - BA		27
Auxiliary Equipment:			
HNGS Sonde Housing	HNSH - BA		27
Gamma Source Radioactive	GSR - U		1154

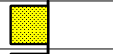
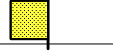
Hostile Natural Gamma Ray Sonde Wellsite Calibration



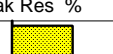
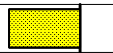

Detector 1 Check


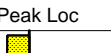
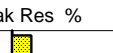


Phase	Na 511 Peak Loc	Value	Phase	Na 511 Peak Res %	Value	Phase	High Voltage V	Value
Master		40.61	Master		16.89	Master		1170
Before		39.69	Before		17.41	Before		1192
	37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum)			12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum)			900.0 (Minimum) 1150 (Nominal) 1600 (Maximum)	
Phase	Na 1785 Peak Loc	Value	Phase	Na 1785 Peak Res %	Value	Phase	Temperature DEGC	Value
Master		145.3	Master		9.978	Master		27.24
Before		142.3	Before		9.812	Before		36.04
	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		47.84						

Before		38.46
	10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum)	
Master: Calibration out of date 29-Apr-2008 15:27 Before: 11-Feb-2009 22:36		

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			40.68	Master			14.89	Master			1247
Before			39.73	Before			15.70	Before			1272
	37.50 (Minimum)	40.00 (Nominal)	43.50 (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			144.4	Master			8.329	Master			26.21
Before			141.4	Before			8.903	Before			35.43
	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			48.61								
Before			39.02								
	10.00 (Minimum)	45.00 (Nominal)	100.0 (Maximum)								
Master: Calibration out of date 29-Apr-2008 15:27 Before: 11-Feb-2009 22:36											

Hostile Natural Gamma Ray Sonde Wellsite Calibration			
Ratio Of Detector 1 To Detector 2			
Phase	Coincidence Count Rate Ratio	Value	
Master		0.9831	
Before		0.9864	
	0.9500 (Minimum)	1.000 (Nominal)	1.050 (Maximum)
Master: Calibration out of date 29-Apr-2008 15:27 Before: 11-Feb-2009 22:36			

Hostile Natural Gamma Ray Sonde Master Calibration											
Detector 1 Calibration											
Phase	Na 511 Peak Set Point		Value	Phase	Th Peak Loc		Value	Phase	Th Peak Res %		Value
Master			42.00	Master			209.6	Master			7.774
	38.00 (Minimum)	40.00 (Nominal)	43.00 (Maximum)		201.0 (Minimum)	209.6 (Nominal)	218.3 (Maximum)		5.000 (Minimum)	7.000 (Nominal)	9.000 (Maximum)
Phase	Background Count Rate CPS		Value	Phase	Gain Ratio		Value				
Master			82.62	Master			0.9819				
	10.00 (Minimum)	142.5 (Nominal)	265.0 (Maximum)		0.9400 (Minimum)	1.000 (Nominal)	1.060 (Maximum)				
Master: Calibration out of date 29-Apr-2008 15:22											

Hostile Natural Gamma Ray Sonde Master Calibration											
Detector 2 Calibration											
Phase	Na 511 Peak Set Point		Value	Phase	Th Peak Loc		Value	Phase	Th Peak Res %		Value
Master			42.00	Master			208.4	Master			7.245
	38.00 (Minimum)	40.00 (Nominal)	43.00 (Maximum)		201.0 (Minimum)	209.6 (Nominal)	218.3 (Maximum)		5.000 (Minimum)	7.000 (Nominal)	9.000 (Maximum)
Phase	Background Count Rate CPS		Value	Phase	Gain Ratio		Value				
Master			83.78	Master			0.9747				
	10.00 (Minimum)	142.5 (Nominal)	265.0 (Maximum)		0.9400 (Minimum)	1.000 (Nominal)	1.060 (Maximum)				
Master: Calibration out of date 29-Apr-2008 15:22											

DTS Telemetry Tool / Equipment Identification

Primary Equipment:

DTC-H Auxiliary Cartridge

DTC-H A

8798

DTC-H E

DTC-H A

8798

DTC-H Telemetry Cartridge

DTC-H - A

8798

Auxiliary Equipment:

DTCH Telemetry Cartridge Housing

ECH - KC

1777

Company: Lamont Doherty

Schlumberger

Well: Expedition 320T Site U1330A

Field: Ontog-Java Plateau(Equatorial NWPacific)

Rig: JOIDES Resolution

Ocean: Pacific

Natural Gamma
Spectroscopy