



DUAL INDUCTION LOG

Company	EAGLE CREEK CORP.	Company	EAGLE CREEK CORP.
Well	HOSS UNIT #1-2	Well	HOSS UNIT #1-2
Field	WESLEY SOUTHWEST	Field	WESLEY SOUTHWEST
County	NESS	County	NESS
State	KANSAS	State	KANSAS
Location:	API # : 15-135-26092-0000 1672' FSL & 150' FEL	Other Services CDL/CNL MEL	
Permanent Datum	SEC 02 TWP 20S RGE 25W	Elevation	
Log Measured From	GROUND LEVEL Elevation 2361	K.B. 2366	
Drilling Measured From	KELLY BUSHING 5' A.G.L. KELLY BUSHING	D.F. 2364	
		G.L. 2361	
Date	03/15/20		
Run Number	ONE		
Depth Driller	4428		
Depth Logger	4425		
Bottom Logged Interval	4423		
Top Log Interval	00		
Casing Driller	8 5/8" @ 601		
Casing Logger	601		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2/44		
pH / Fluid Loss	9.5/9.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.65 @ 62F		
Rmf @ Meas. Temp	.49 @ 62F		
Rmc @ Meas. Temp	.78 @ 62F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.33 @ 120F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	120F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	BOB O'DELL		

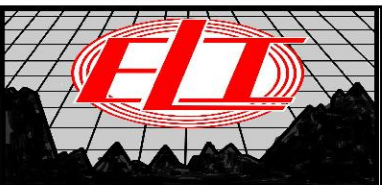
<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395

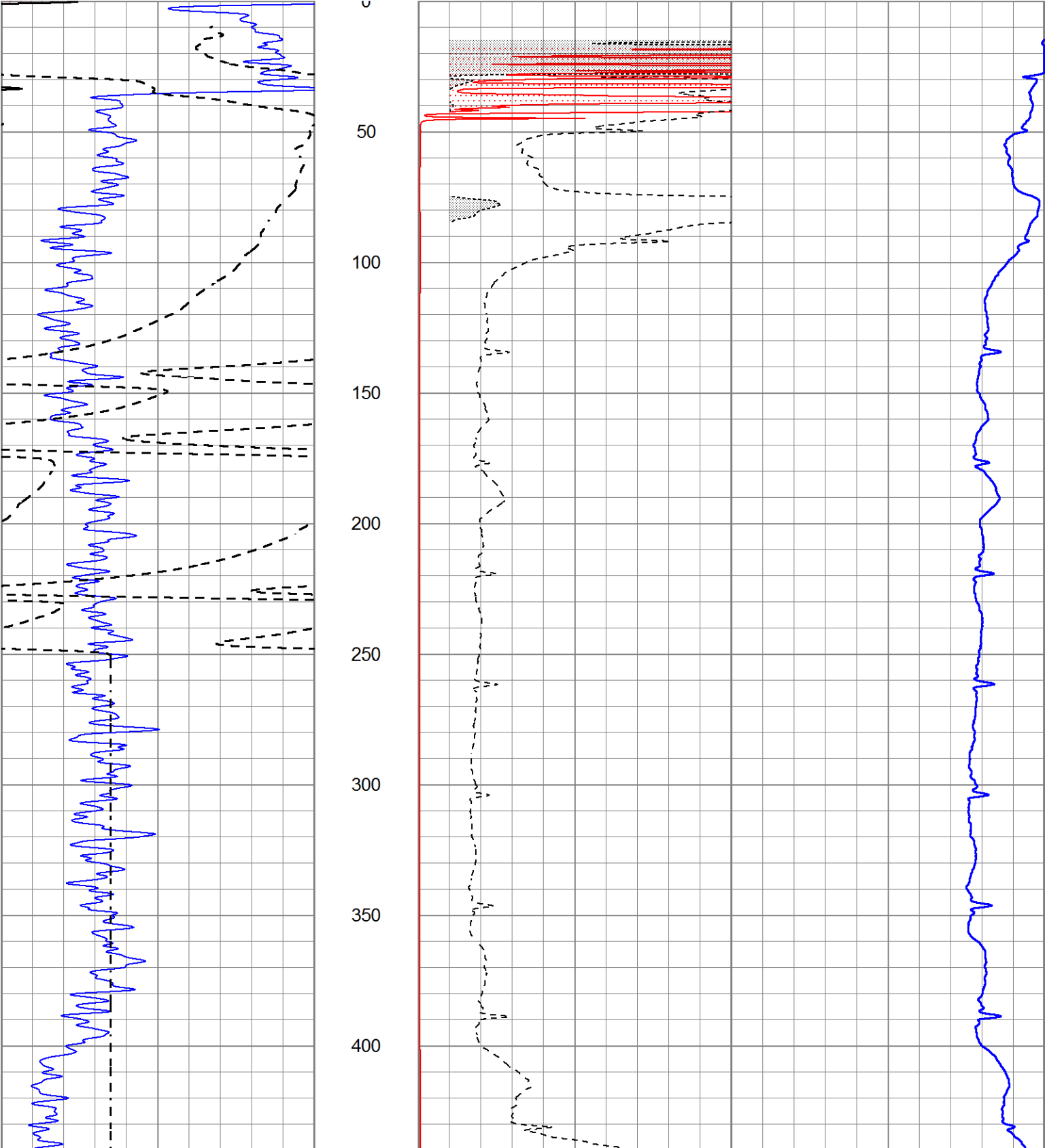
DIRECTIONS: NESS FOUR WAY STOP SOUTH 7 MILES TO 60 RD.
7W,1S,1W,N INTO.

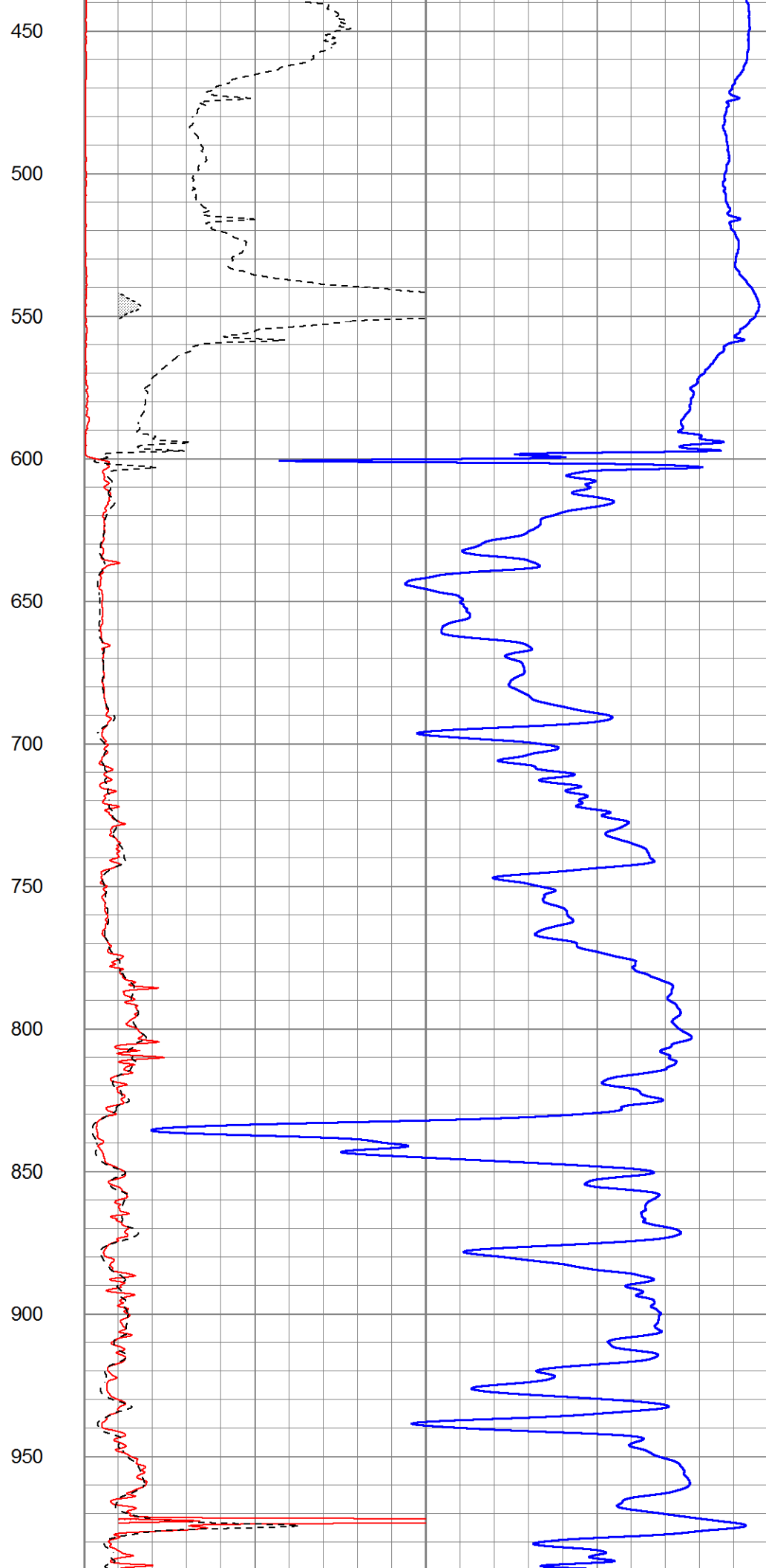
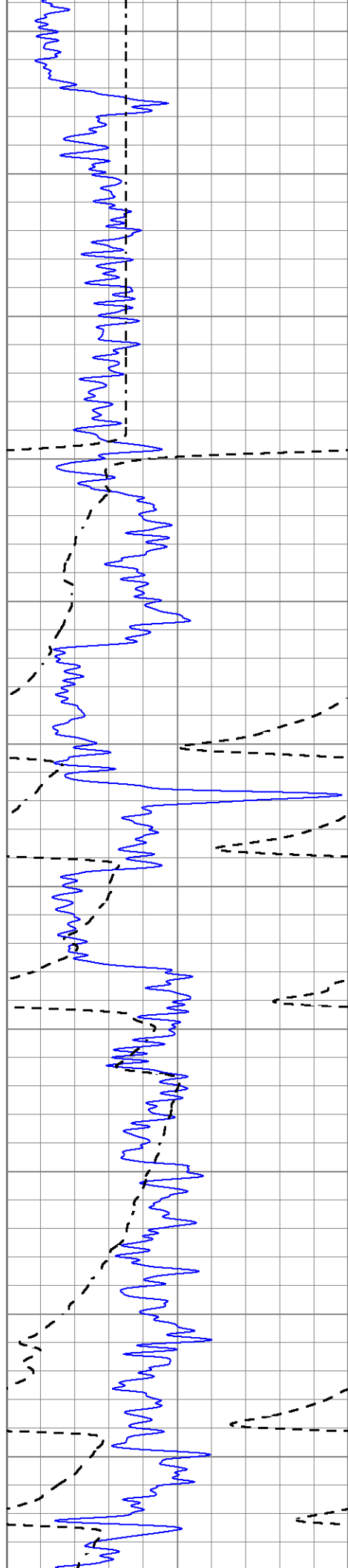


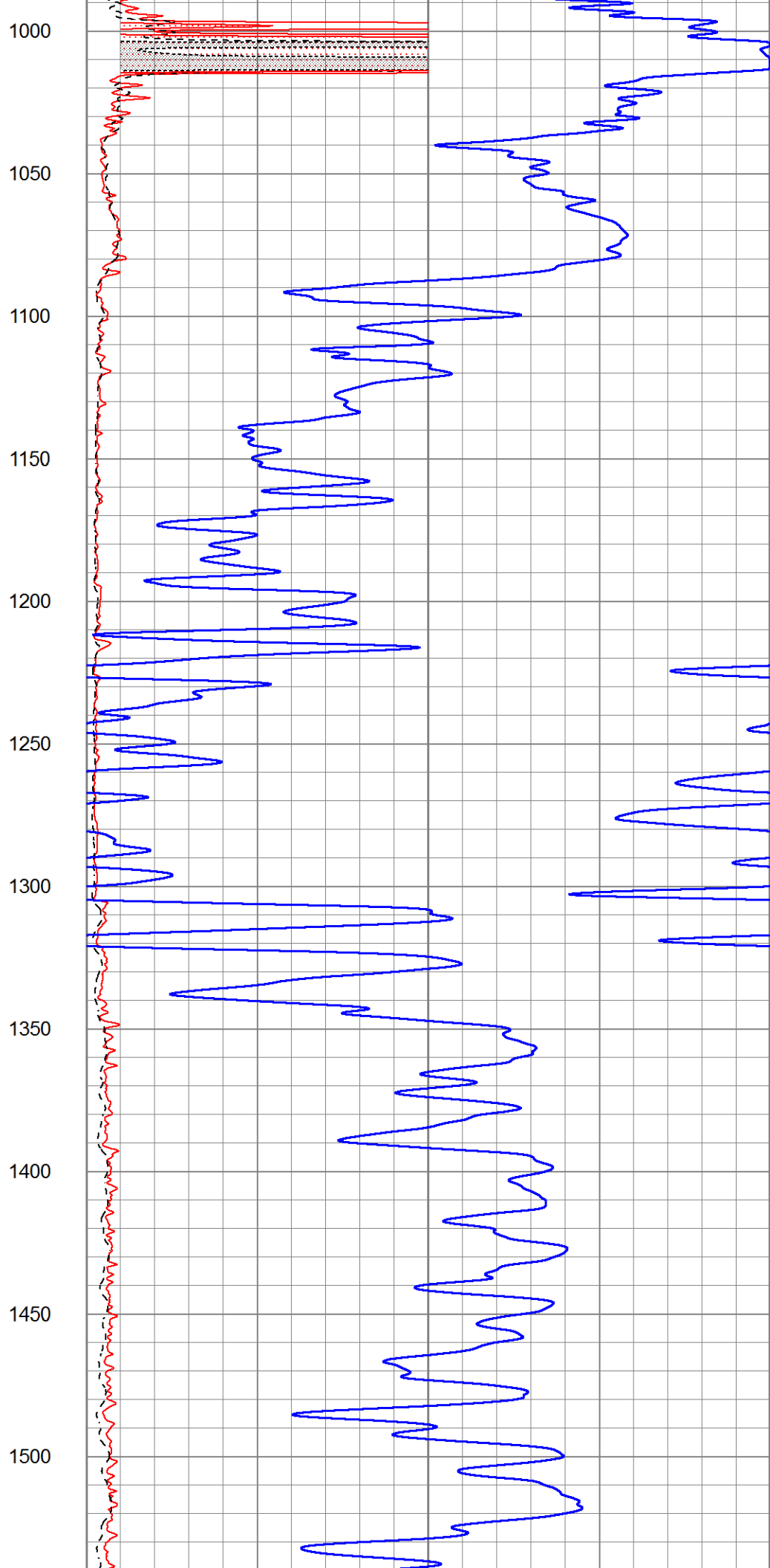
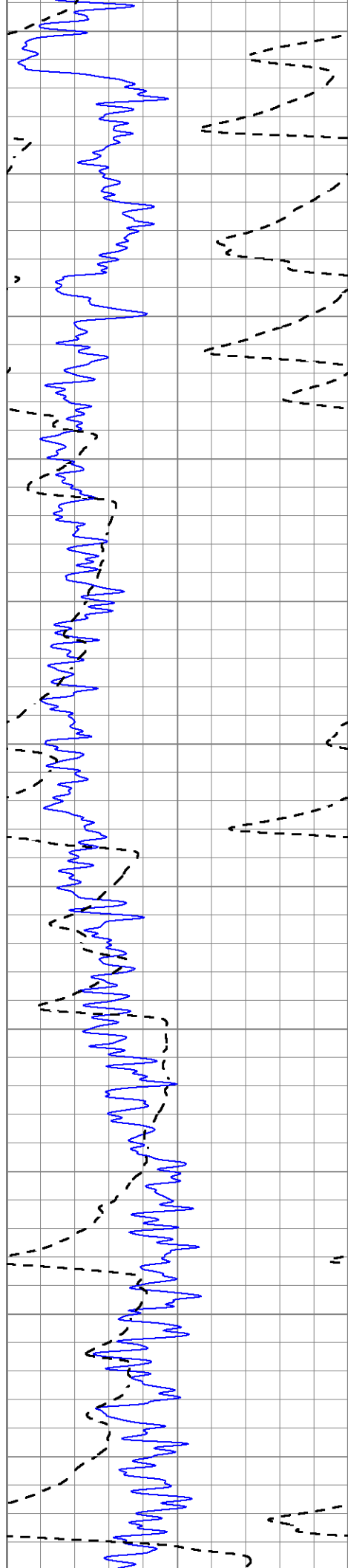
MAIN PASS

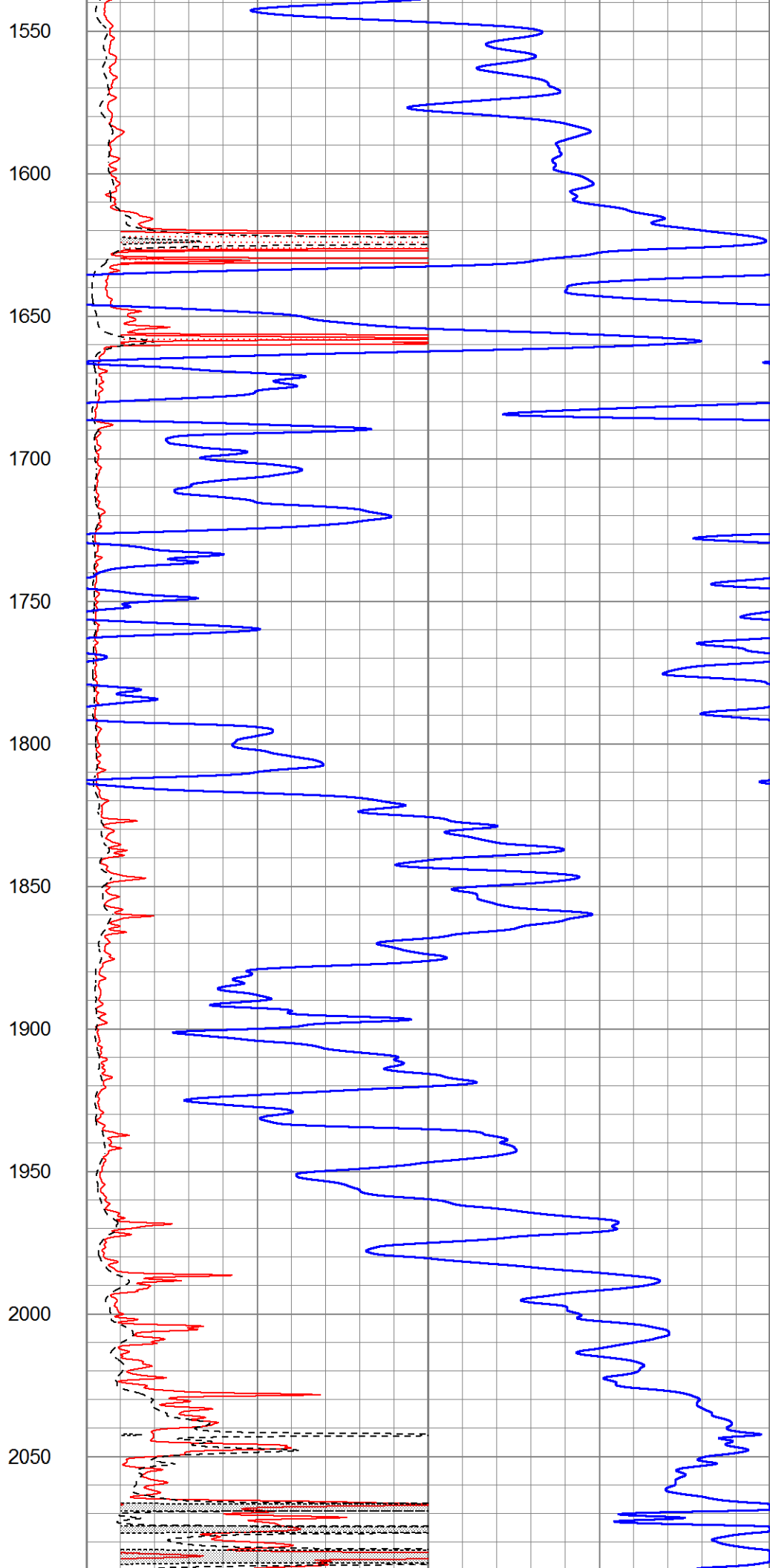
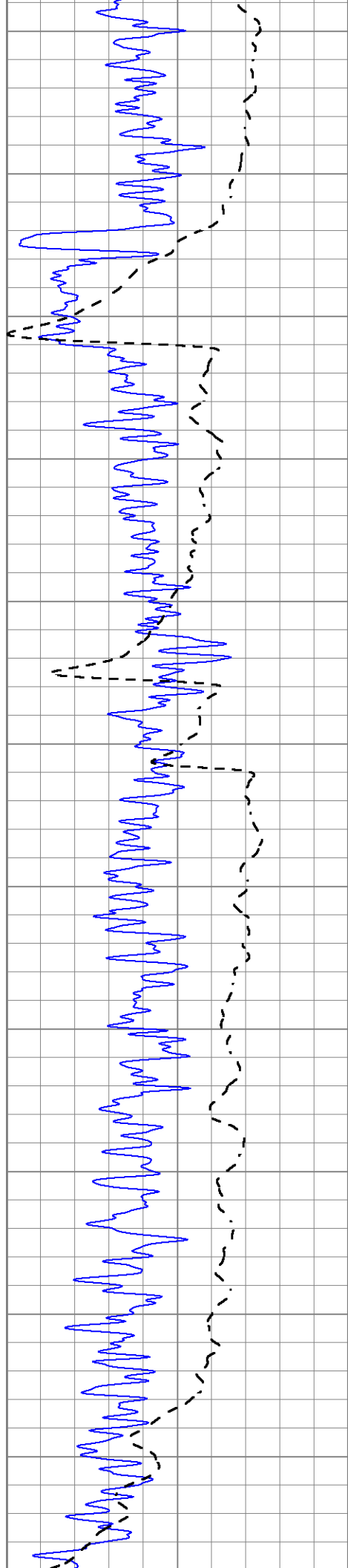
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Dataset Pathname	pass3.1
Presentation Format	_dil2
Dataset Creation	Sun Mar 15 19:11:08 2020
Charted by	Depth in Feet scaled 1:600

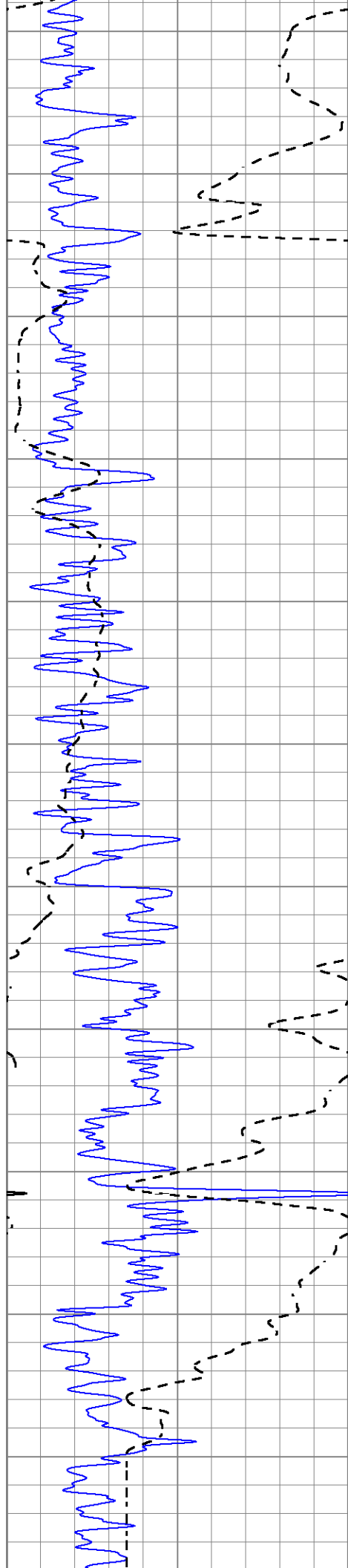
0	Gamma Ray (GAPI)	150	1000	CILD (mmho/m)	0
-100	SP (mV)	100	0	RLL3 (Ohm-m)	50
-----			0	RILD (Ohm-m)	50
			50	RILD X10 (Ohm-m)	500
			50	RLL3 X10 (Ohm-m)	500



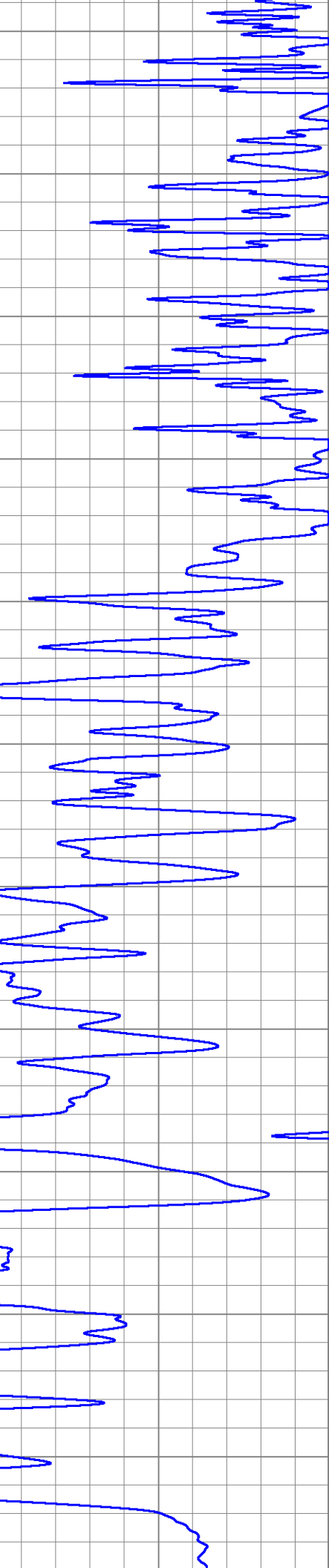
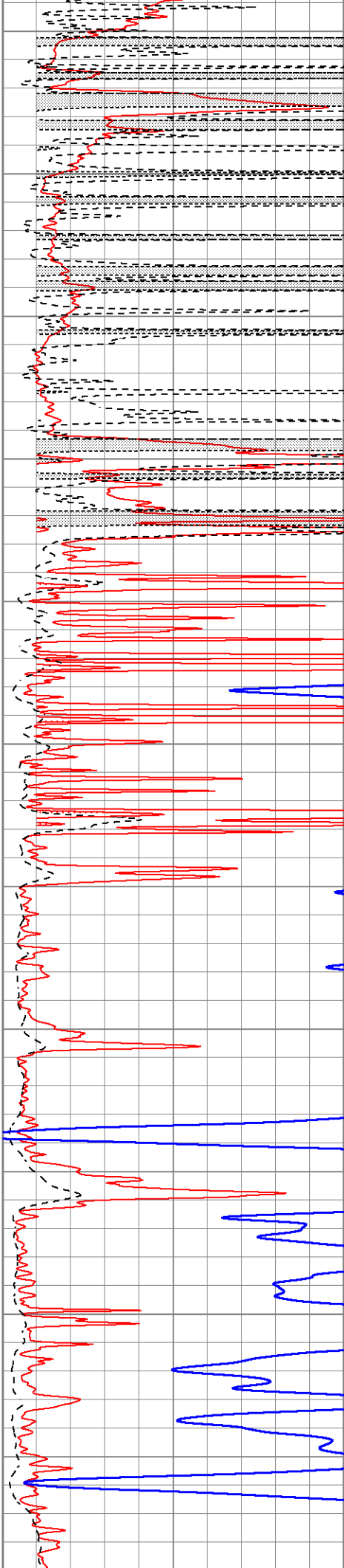


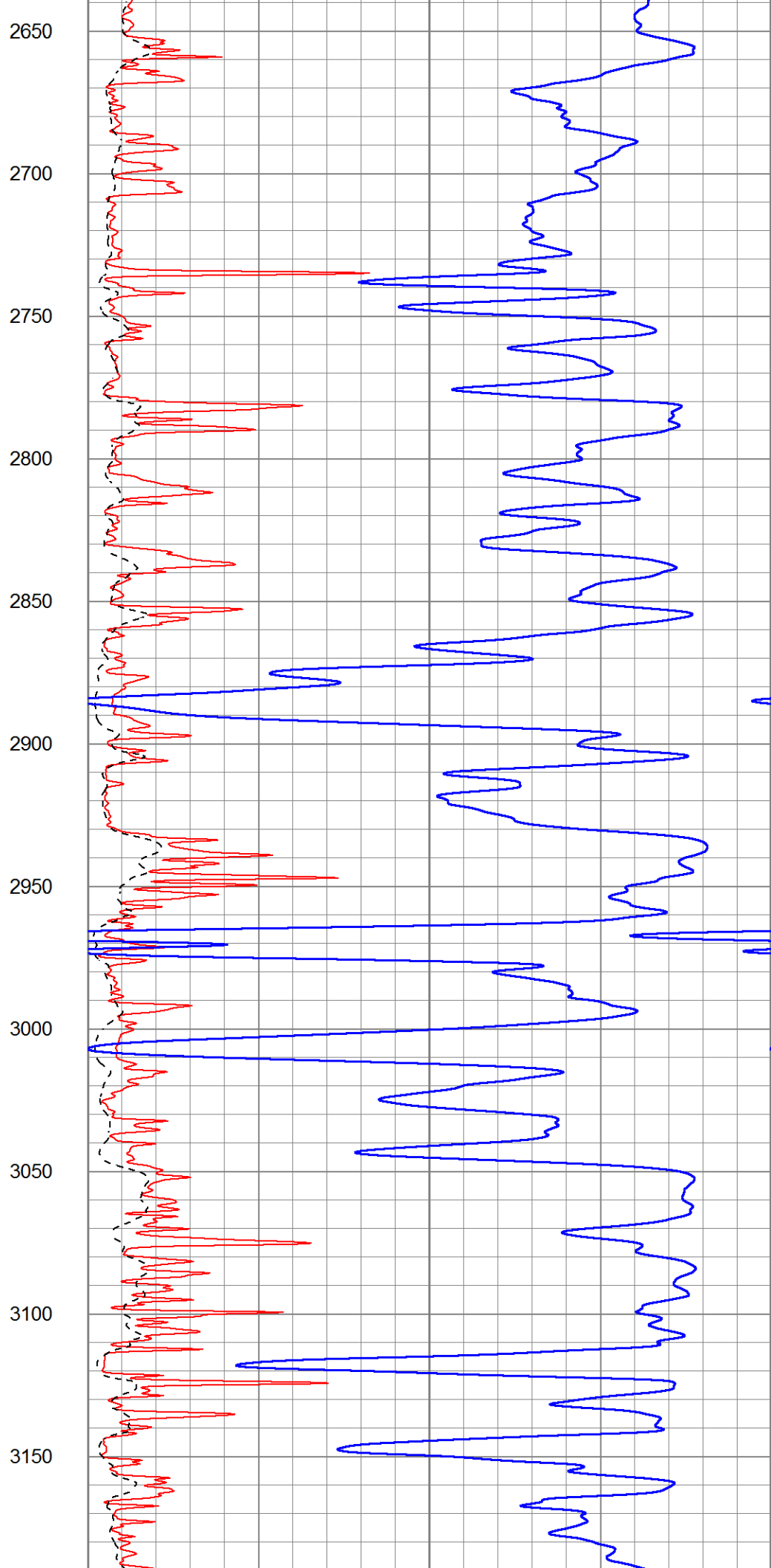
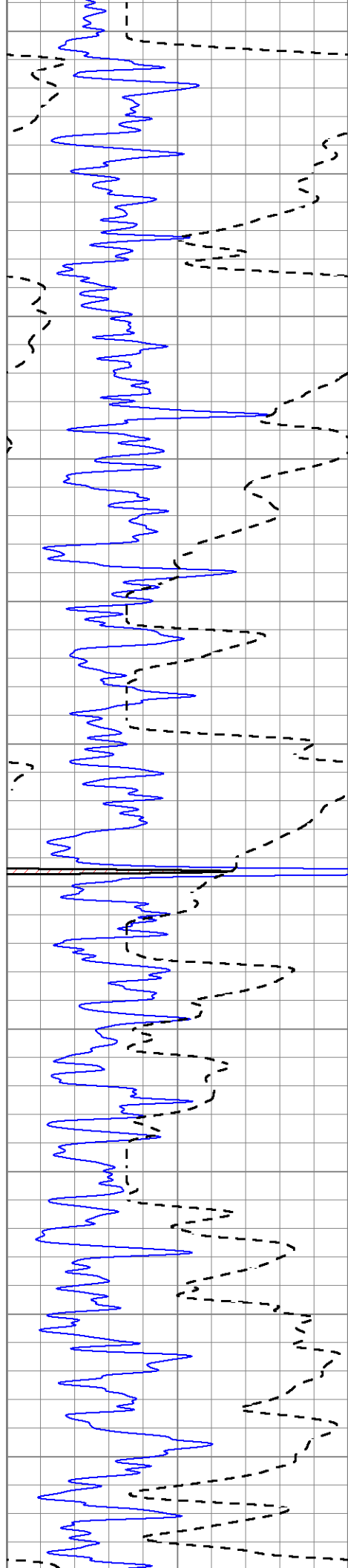


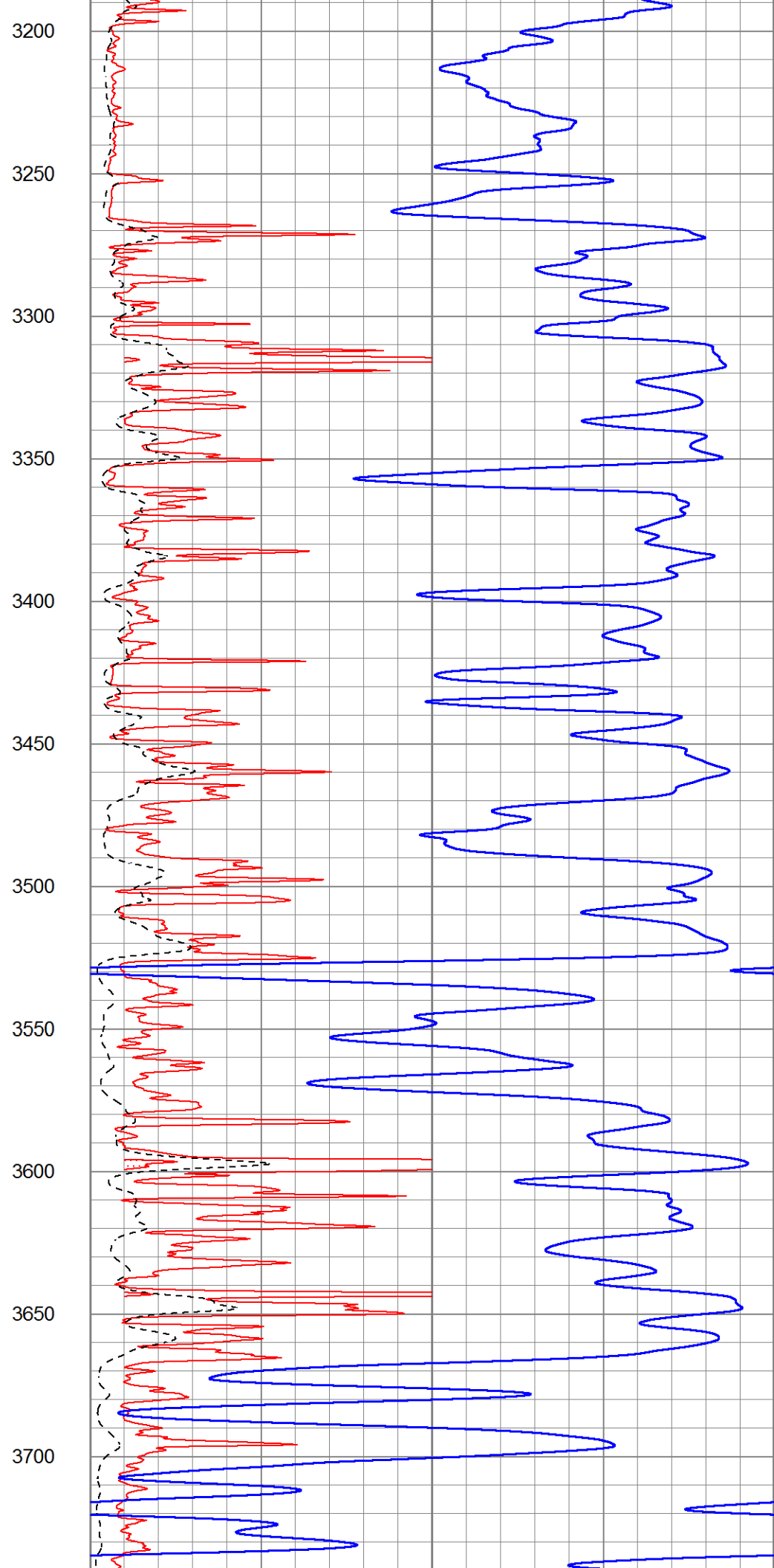
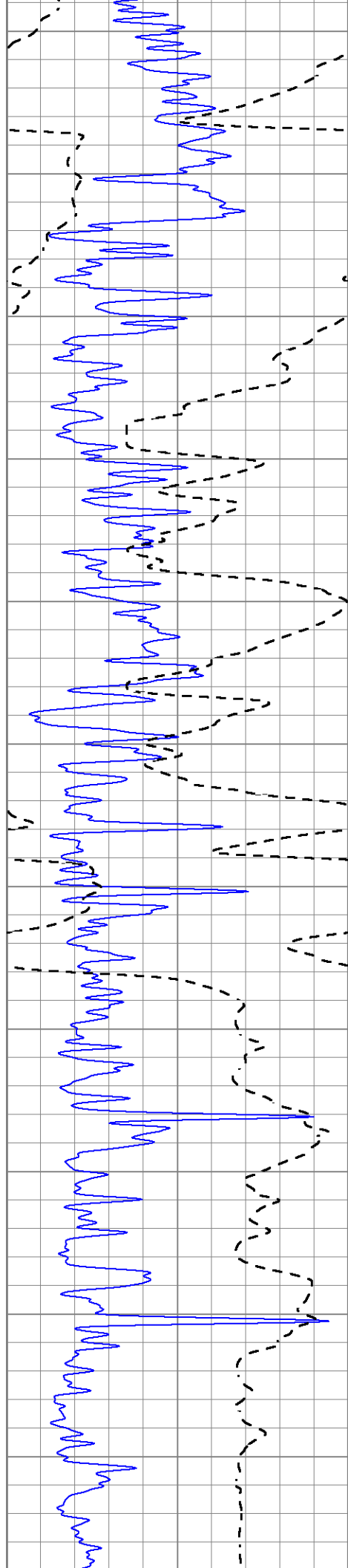


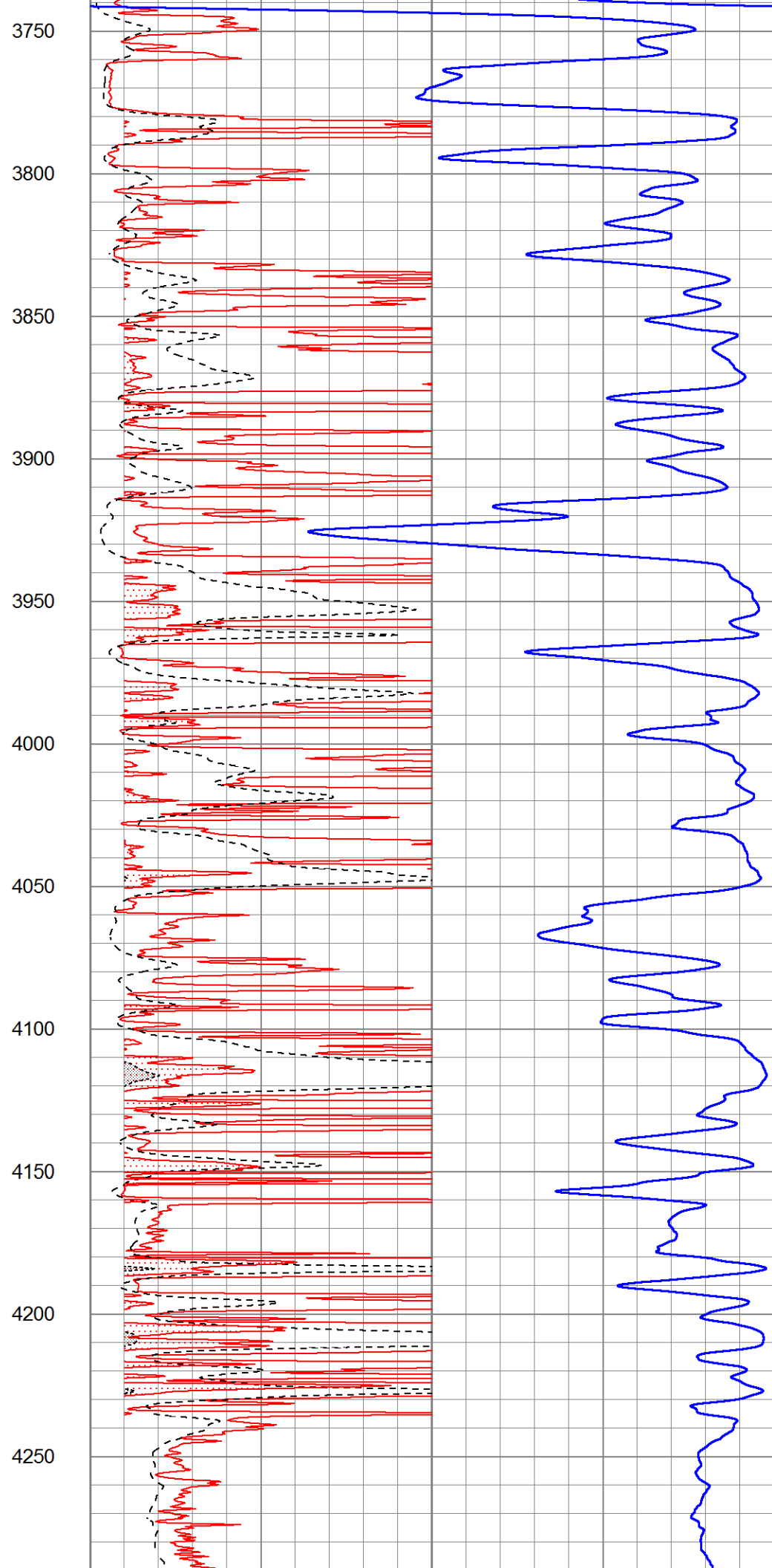
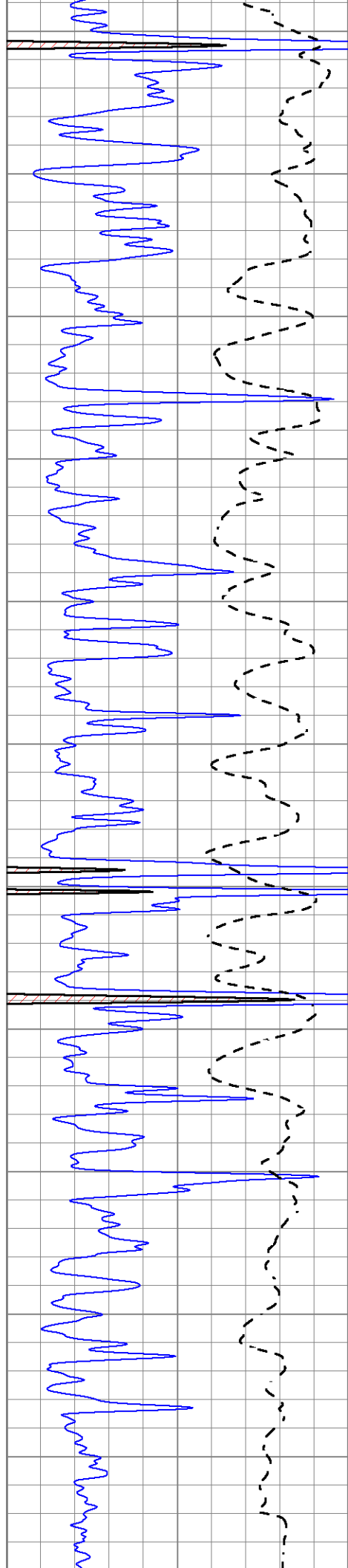


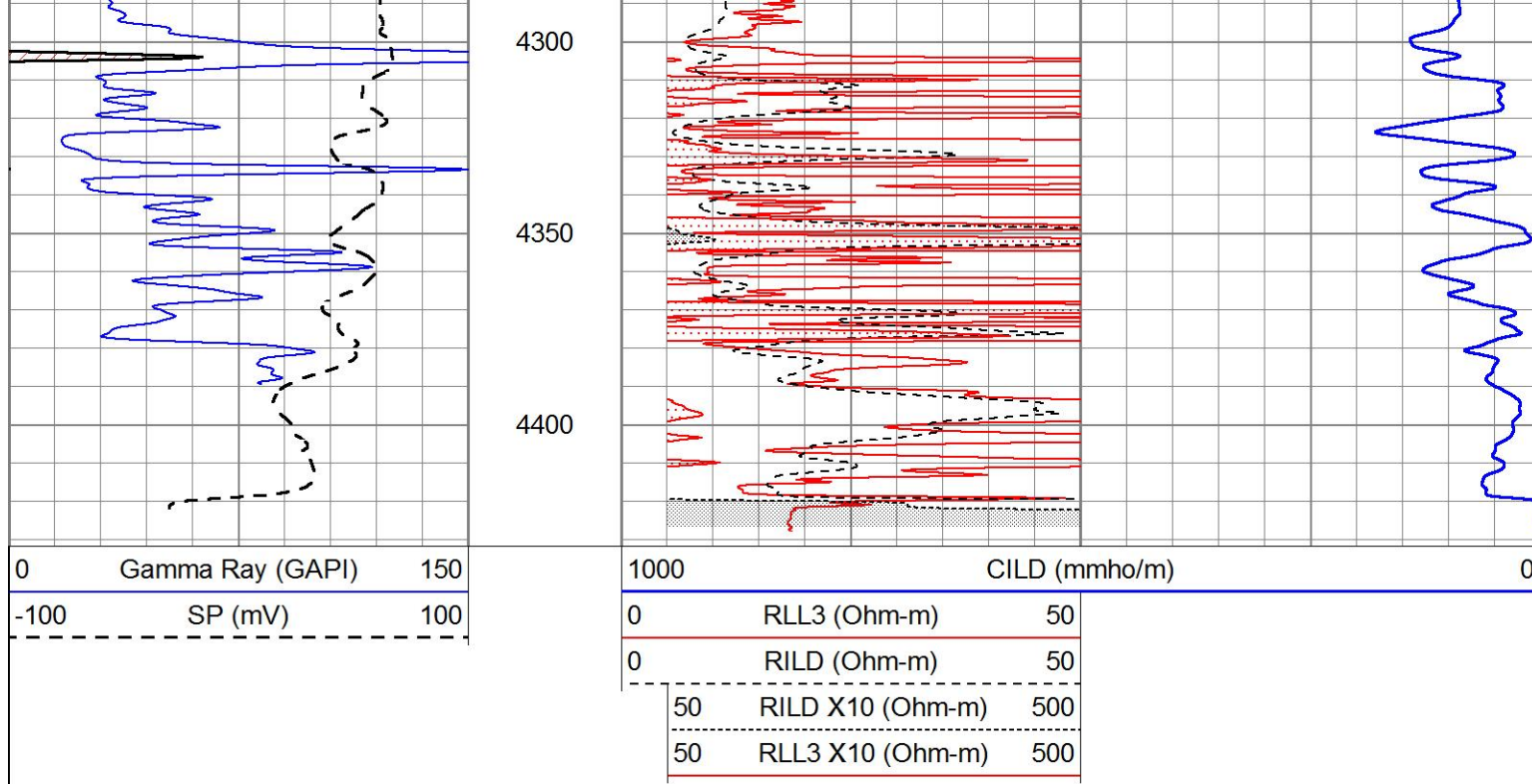
2100
2150
2200
2250
2300
2350
2400
2450
2500
2550
2600





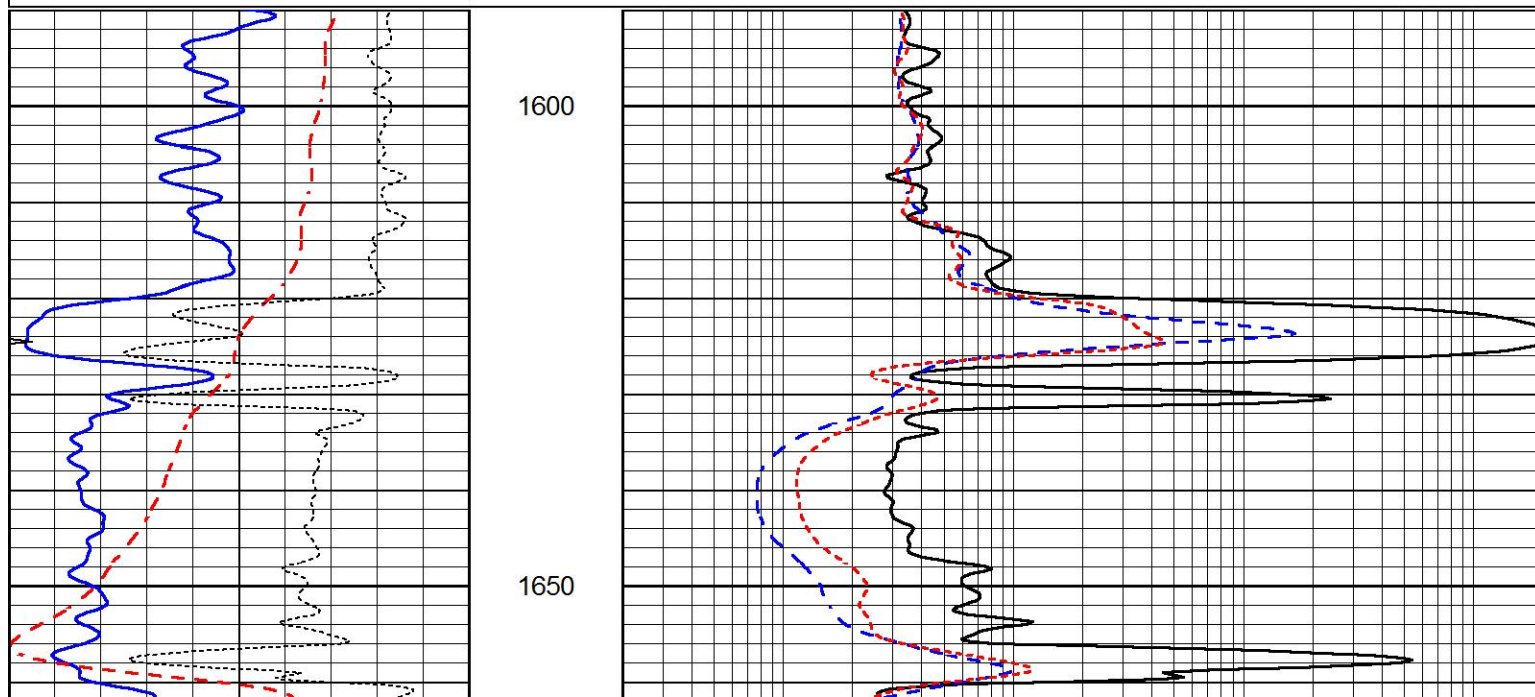
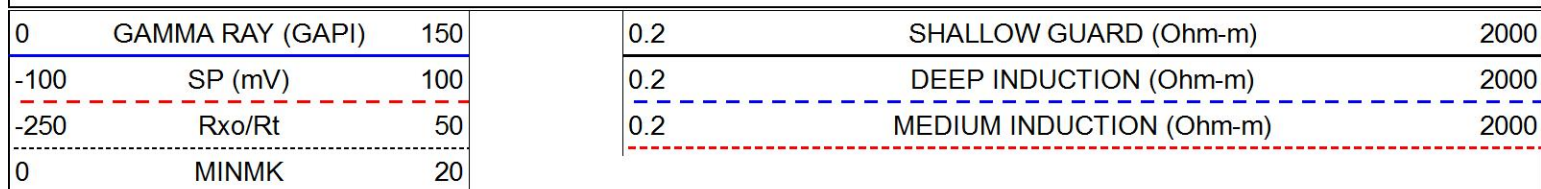


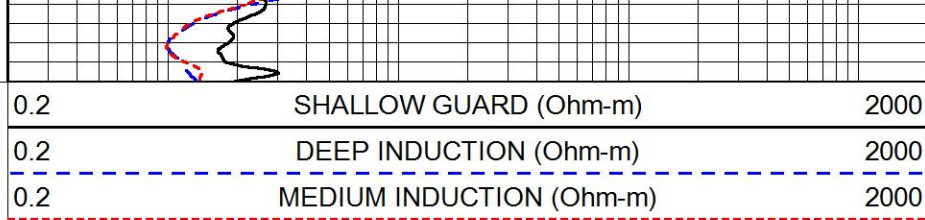
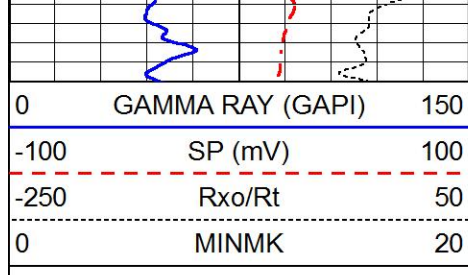




MAIN PASS

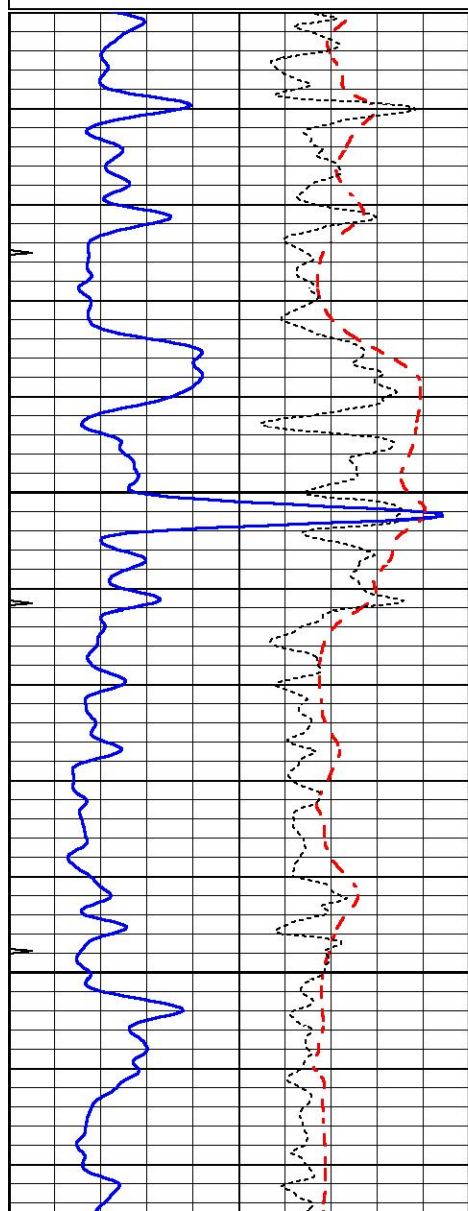
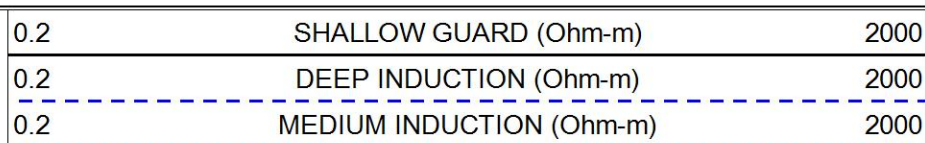
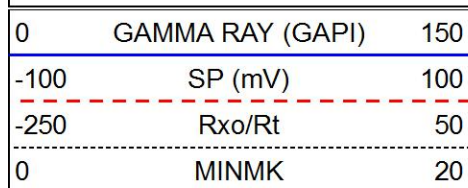
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 Dataset Pathname pass3.1
 Presentation Format _dil
 Dataset Creation Sun Mar 15 19:11:08 2020
 Charted by Depth in Feet scaled 1:240





MAIN PASS

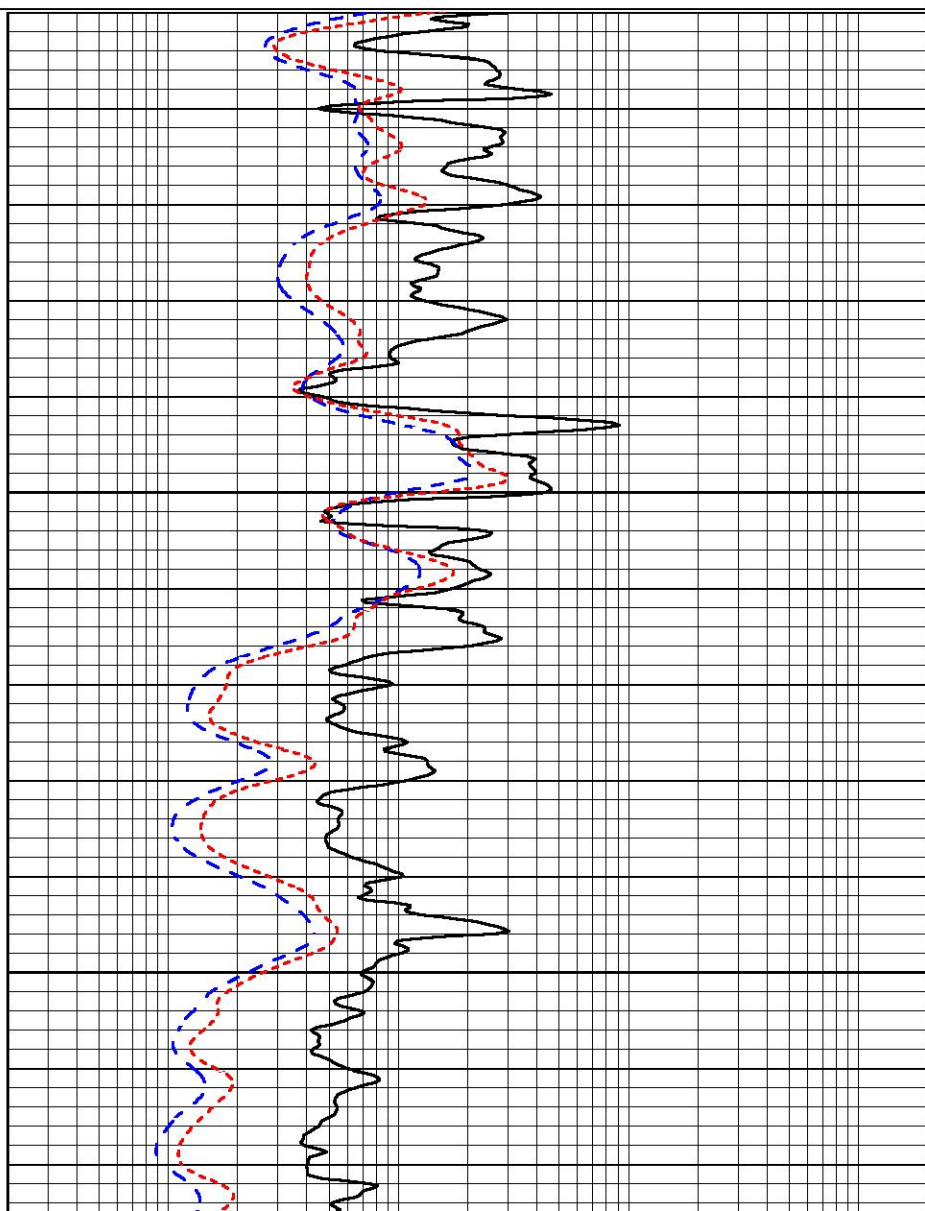
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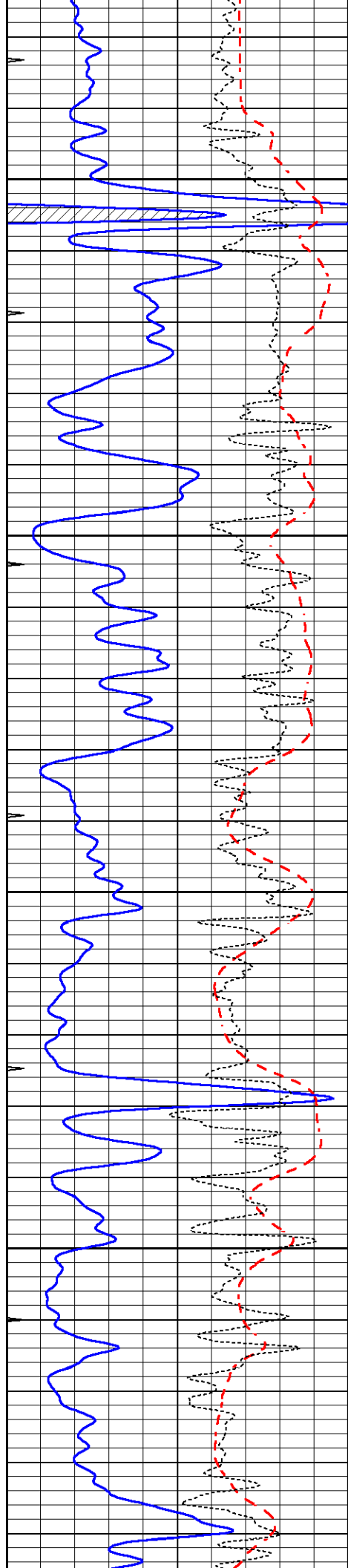


3500

3650

3700



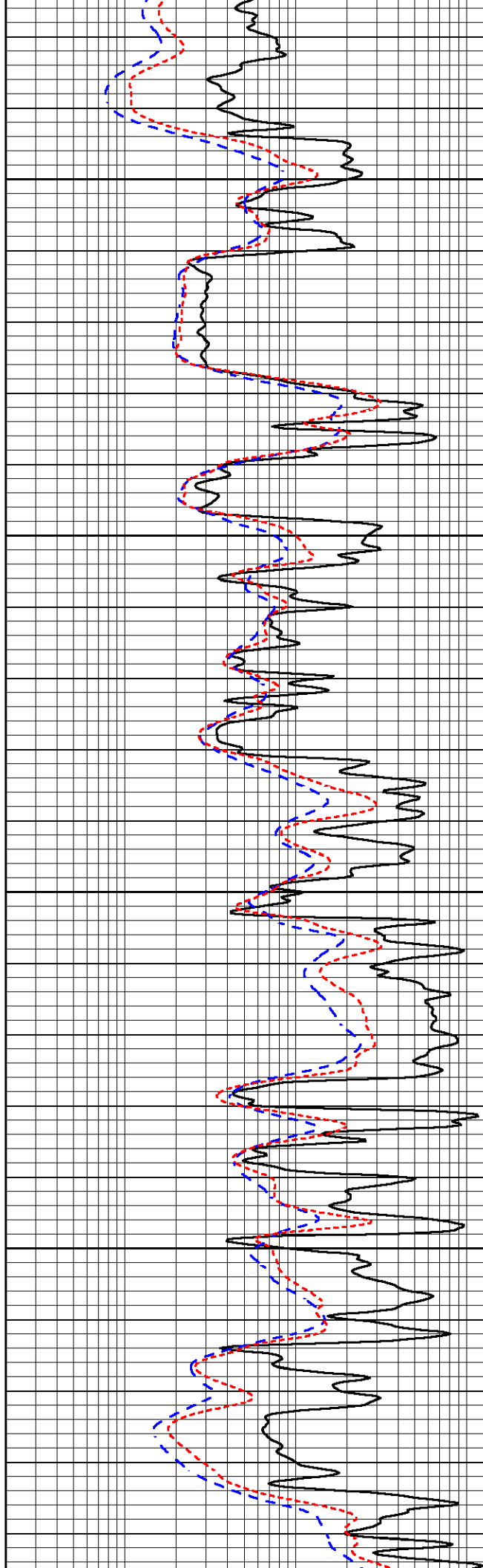


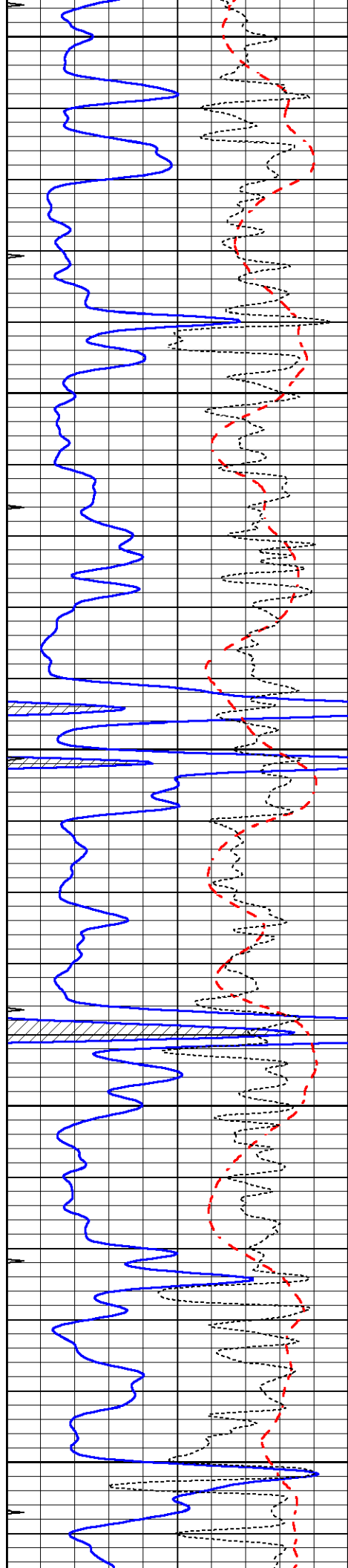
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3800

3850

3900





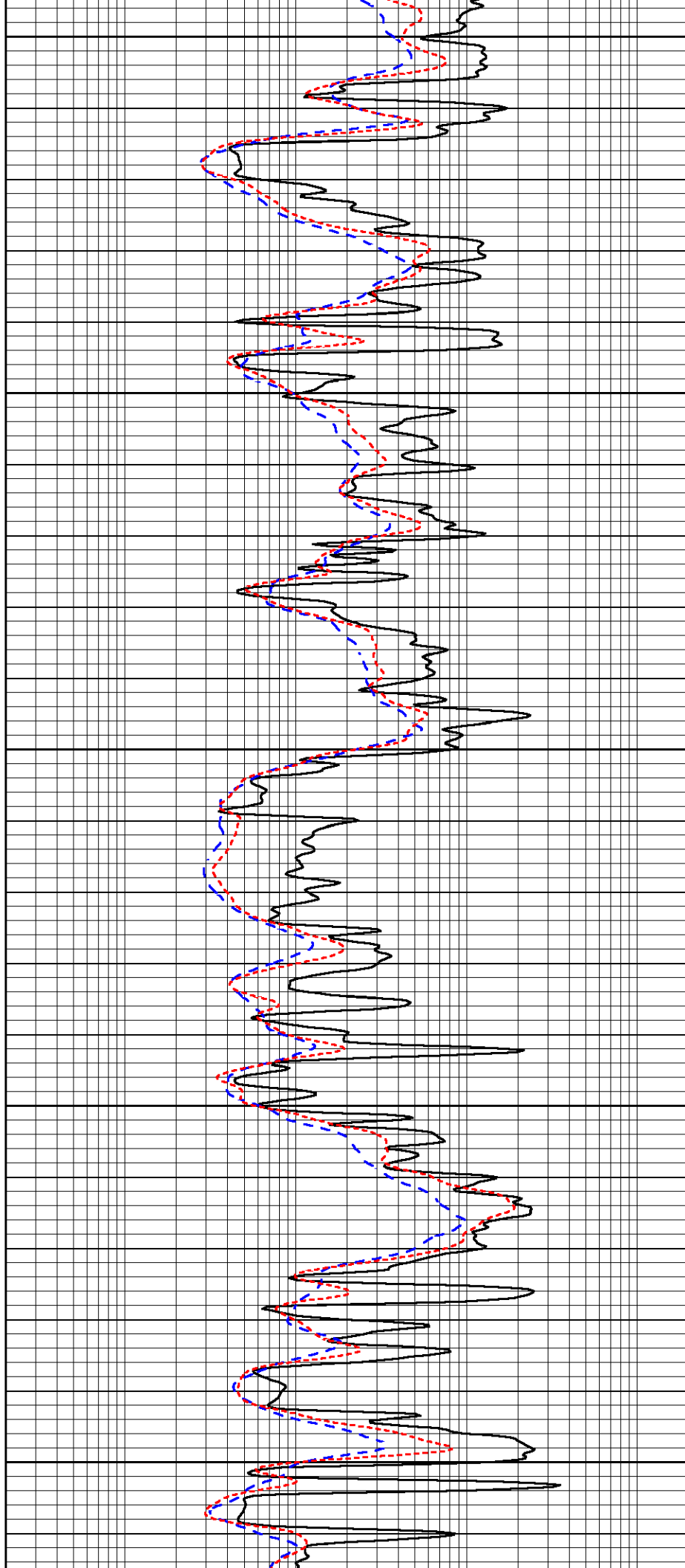
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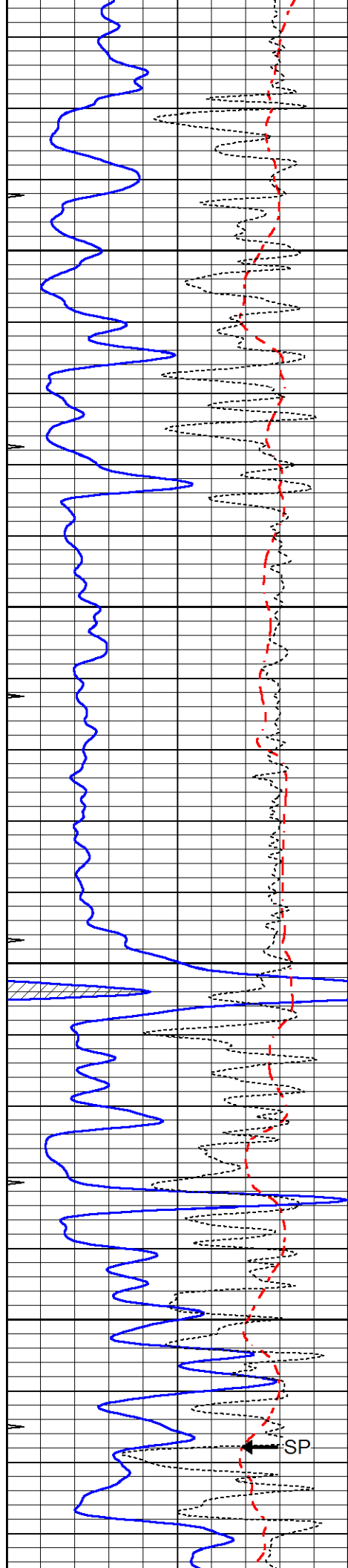
4000

4050

4100

4150





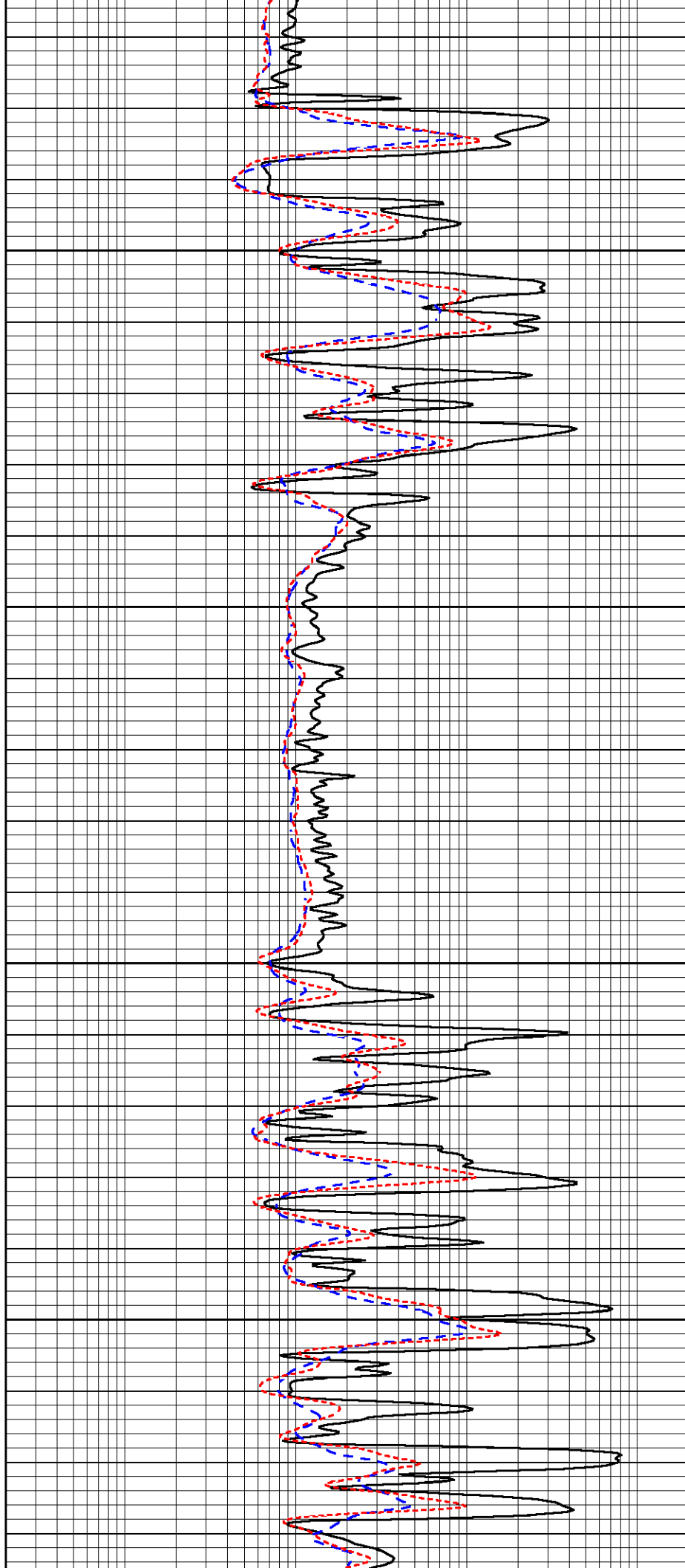
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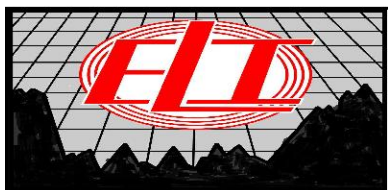
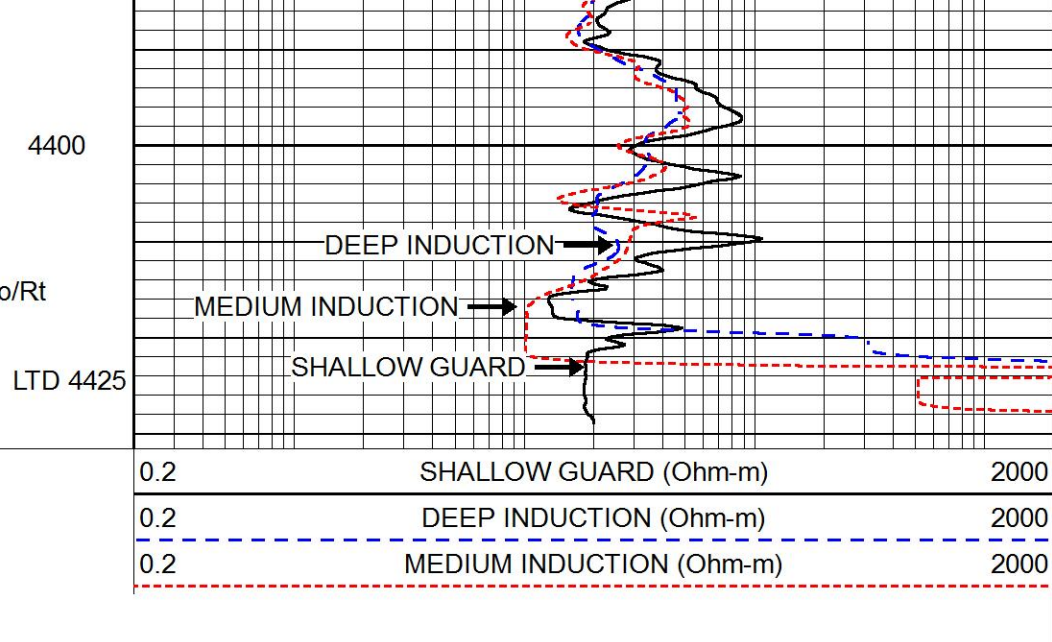
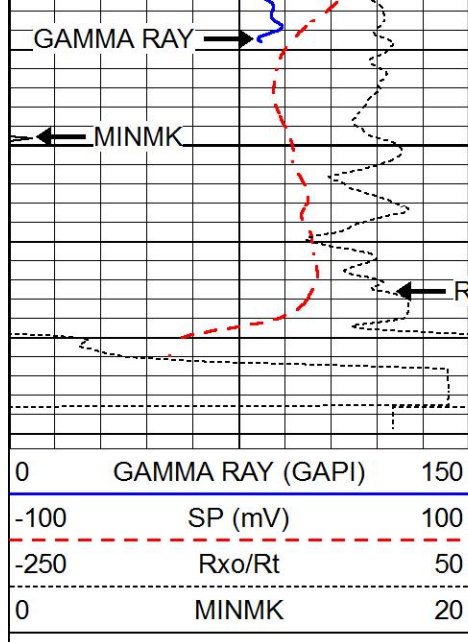
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4300

4350

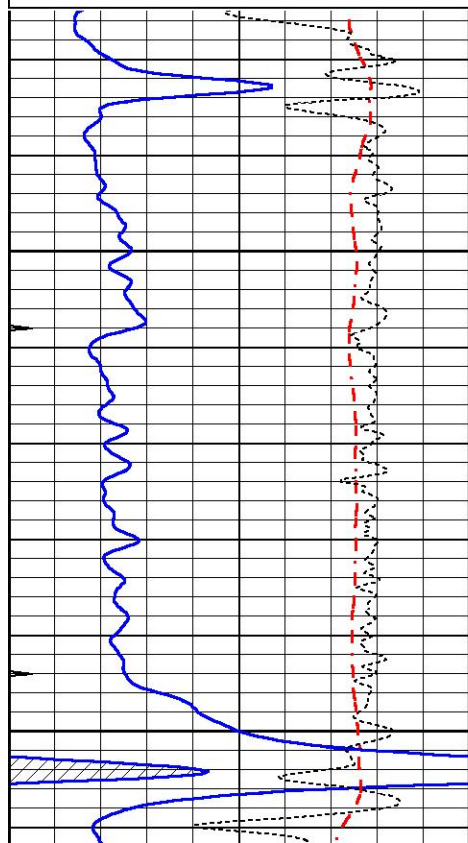
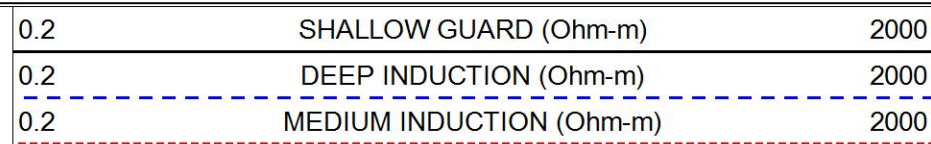
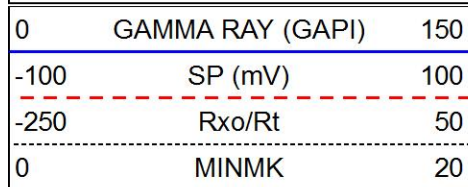
SP





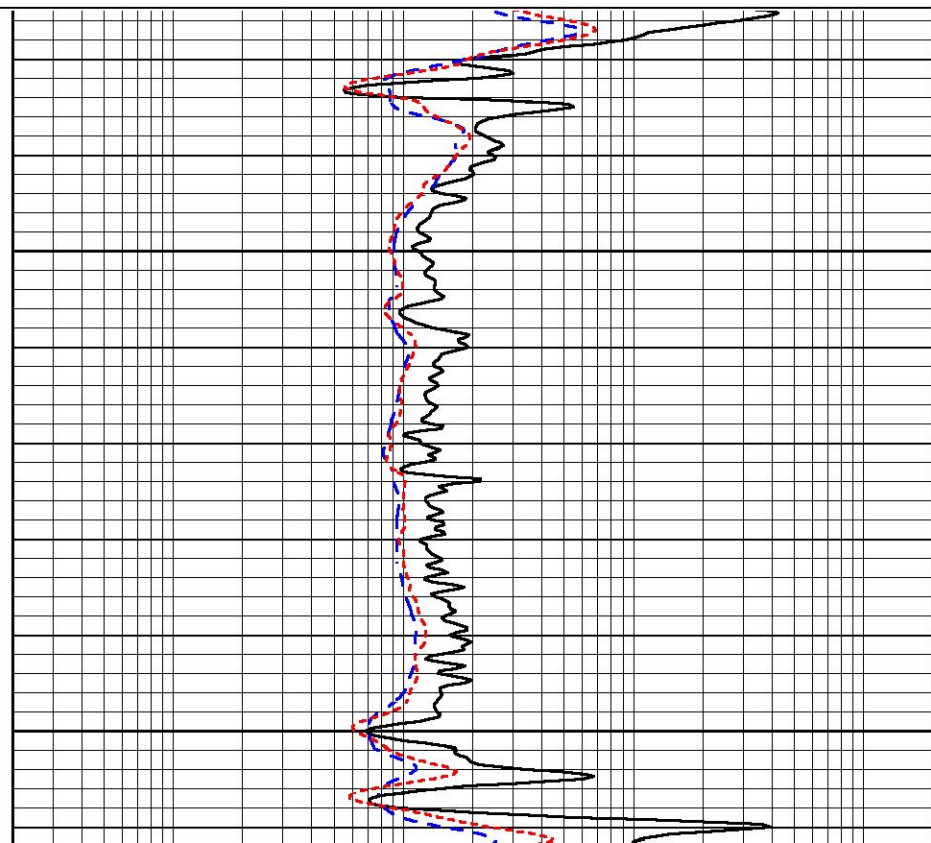
REPEAT SECTION

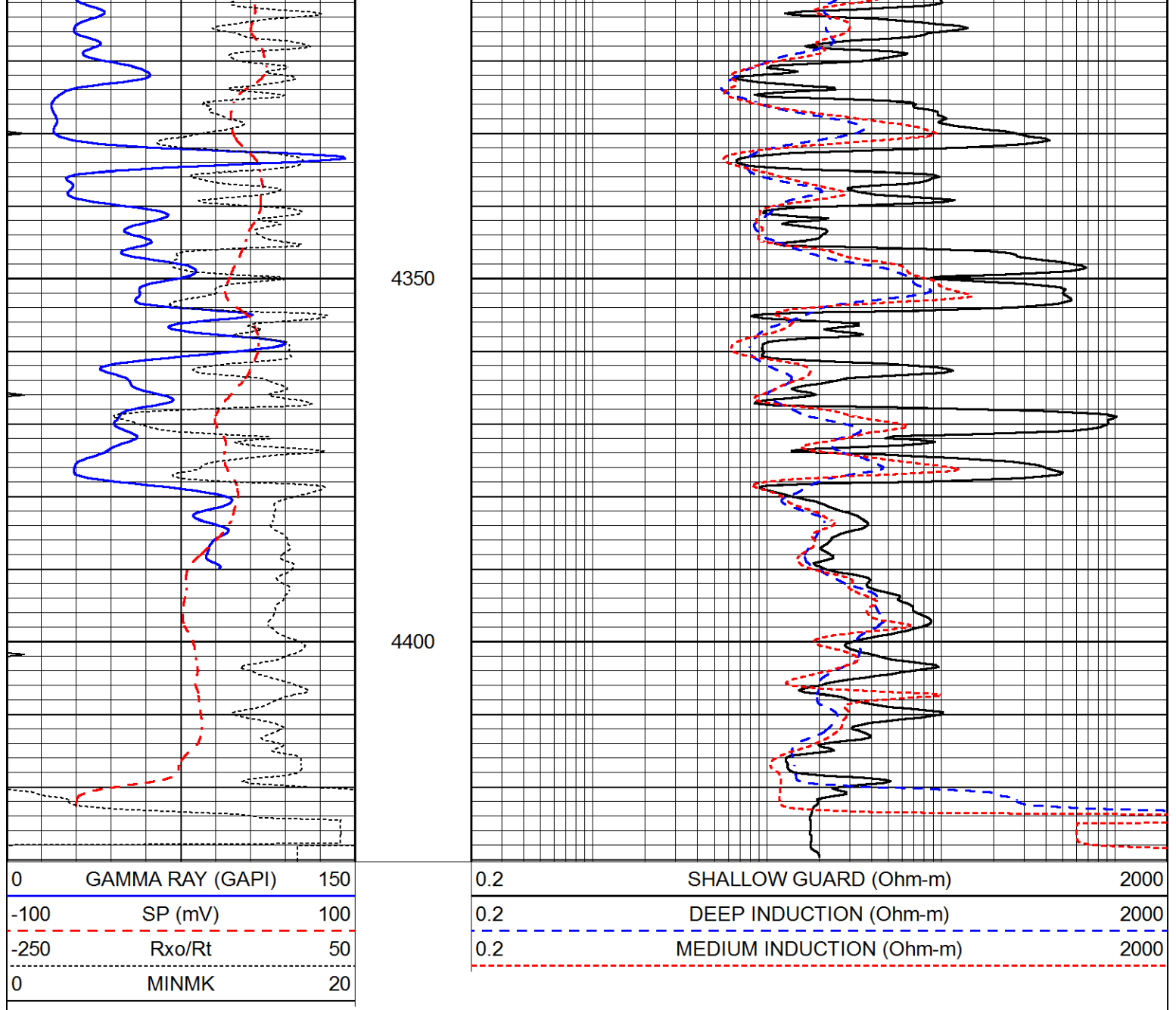
Database File 4684pe.db
 Dataset Pathname pass2.1
 Presentation Format _dil
 Dataset Creation Sun Mar 15 18:39:04 2020
 Charted by Depth in Feet scaled 1:240



4250

4300





Calibration Report								
Database File	4684pe.db							
Dataset Pathname	pass2.1							
Dataset Creation	Sun Mar 15 18:39:04 2020							
Dual Induction Calibration Report								
Serial-Model:			PROBE8-DILG					
Surface Cal Performed:			Mon Sep 10 14:28:35 2018					
Downhole Cal Performed:			Mon Sep 10 14:28:38 2018					
After Survey Verification Performed:			Mon Sep 10 14:28:40 2018					
Surface Calibration								
		Readings		References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	620.000	0.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	590.000	-12.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619

Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739
Downhole Calibration								
	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	mmho-m		
After Survey Verification								
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		
Litho Density Calibration Report								
Serial: 001N Model: PRB								
Master Calibration								
Performed Tue Mar 10 15:59:29 2020								
	Background	Magnesium		Aluminum		Aluminum+Fe		
Window 1	1609.4	7366.1		2835.8		2614.7		cps
Window 2	1500.8	6397.3		2544.6		2378.3		cps
Window 3	1220.6	3557.1		1714.0		1653.8		cps
Window 4	366.1	362.7		367.3		362.1		cps
Long Space	0.0	4896.5		1043.8		877.5		cps
Short Space	2.9	1687.6		1103.1		923.7		cps
Rho		1.7100		2.5900		0.0000		g/cc
Pe		2.0000		2.7500		5.7900		
Rib Angle	: 44.6	Rib Slope	: 0.987	Density/Spine Ratio			: 0.549	
Spine Angle	: 74.6	Spine Slope	: 3.635	Spine Intercept			: -18.5	
Before Survey Verification								
Performed Wed Dec 31 18:00:00 1969								
Window 1	0.0	0.0		0.0		0.0		cps
Window 2	0.0	0.0		0.0		0.0		cps
Window 3	0.0	0.0		0.0		0.0		cps
Window 4	0.0	0.0		0.0		0.0		cps
Long Space	0.0	0.0		0.0		0.0		cps
Short Space	0.0	0.0		0.0		0.0		cps
Measured Rho		0.0000		0.0000		0.0000		g/cc
Measured Correction		0.0000		0.0000		0.0000		g/cc
Measured Pe				0.0000		0.0000		
After Survey Verification								
Performed Wed Dec 31 18:00:00 1969								
Window 1	0.0	0.0		0.0		0.0		cps
Window 2	0.0	0.0		0.0		0.0		cps
Window 3	0.0	0.0		0.0		0.0		cps
Window 4	0.0	0.0		0.0		0.0		cps
Long Space	0.0	0.0		0.0		0.0		cps
Short Space	0.0	0.0		0.0		0.0		cps

Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho	0.0000	0.0000	0.0000	0.0000	g/cc
Measured Correction	0.0000		0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	
Compensated Neutron Calibration Report					
Serial Number:		6I			
Tool Model:		G			
CALIBRATION					
Detector		Readings		Target	
				Normalization	
Short Space		1.00	cps	1.00	cps
Long Space		1.00	cps	1.00	cps
PRE-SURVEY VERIFICATION					
Detector		Readings		Measured	
				Target	
1)	Short Space	cps			
	Long Space	cps		pu	pu
2)	Short Space	cps			
	Long Space	cps		pu	
3)	Short Space	cps			
	Long Space	cps		pu	
POST-SURVEY VERIFICATION					
Detector		Readings		Measured	
				Target	
1)	Short Space	cps			
	Long Space	cps		pu	pu
2)	Short Space	cps			
	Long Space	cps		pu	pu
3)	Short Space	cps			
	Long Space	cps		pu	pu
Gamma Ray Calibration Report					
Serial Number:		GR6			
Tool Model:		OPEN			
Performed:		Wed Jul 03 12:57:34 2019			
Calibrator Value:		150.0		GAPI	
Background Reading:		0.0		cps	
Calibrator Reading:		276.0		cps	
Sensitivity:		0.5700		GAPI/cps	