



RADIAL BOND GAMMA RAY-CCL TEMP

Company ANTERO RESOURCES
Well AMANDA 1 H
Field WEST UNION
County DODDRIDGE
State WV. Country USA.

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Well AMANDA 1 H
Field WEST UNION
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Location: API #: 47017064310000

Other Services

SEC	TWP	RGE	Elevation
			989'
			K.B. 1014'
			D.F. 1013'
			G.L. 989'

Permanent Datum G.L.
Log Measured From K.B.25'
Drilling Measured From K.B.25'

Date	10-6-14							
Run Number	ONE							
Depth Driller								
Depth Logger	6600'							
Bottom Logged Interval	6599'							
Top Log Interval	SURFACE							
Open Hole Size								
Type Fluid	WATER							
Density / Viscosity								
Max. Recorded Temp.	134							
Estimated Cement Top	SURFACE							
Time Well Ready	11:05							
Time Logger on Bottom	11:35							
Equipment Number	5982							
Location	CLARKSBURG WV.							
Recorded By	E.BUTCHER							
Witnessed By	R.COOK							
Borehole Record		Tubing Record						
Run Number	Bit	From	To	Size	Weight	From	To	
Casing Record	Size		Wdth/Ft		Top		Bottom	
Surface String								
Prot. String								
Production String	5.5"		20LBS.		0"		12,869.8"	
Liner								

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 STRC OILFIELD TECHNOLOGIES
LOG MEASURED FROM K.B.25'

Calibration Report

Database File: amanda 1h.db
Dataset Pathname: pass4
Dataset Creation: Mon Oct 06 23:35:24 2014 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number: 275
Tool Model: Probe
Performed: Wed Aug 27 17:14:40 2014

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: FW1404-143_5.5INCH
Tool Model: Probe275T

Calibration Casing Diameter: 5.500 in
Calibration Depth: 2787.000 ft

Master Calibration, performed Sat Sep 27 03:51:07 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.013	0.974	1.000	71.921	73.795	0.046
CAL	0.011	0.010				
5'	0.012	0.927	1.000	71.921	77.469	0.099
SUM						
S1	0.016	1.074	0.000	100.000	94.518	-1.556
S2	0.010	1.067	0.000	100.000	94.644	-0.980
S3	0.010	0.246	0.000	100.000	423.534	-4.100
S4	0.010	1.021	0.000	100.000	98.977	-1.028
S5	0.009	1.079	0.000	100.000	93.485	-0.839
S6	0.009	1.148	0.000	100.000	87.753	-0.762
S7	0.008	1.193	0.000	100.000	84.445	-0.709
S8	0.010	1.174	0.000	100.000	85.926	-0.892

Internal Reference Calibration, performed Fri Aug 15 18:12:35 2014:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.011	0.010	1.000	0.000

Air Zero Calibration, performed Wed Aug 27 17:44:29 2014:

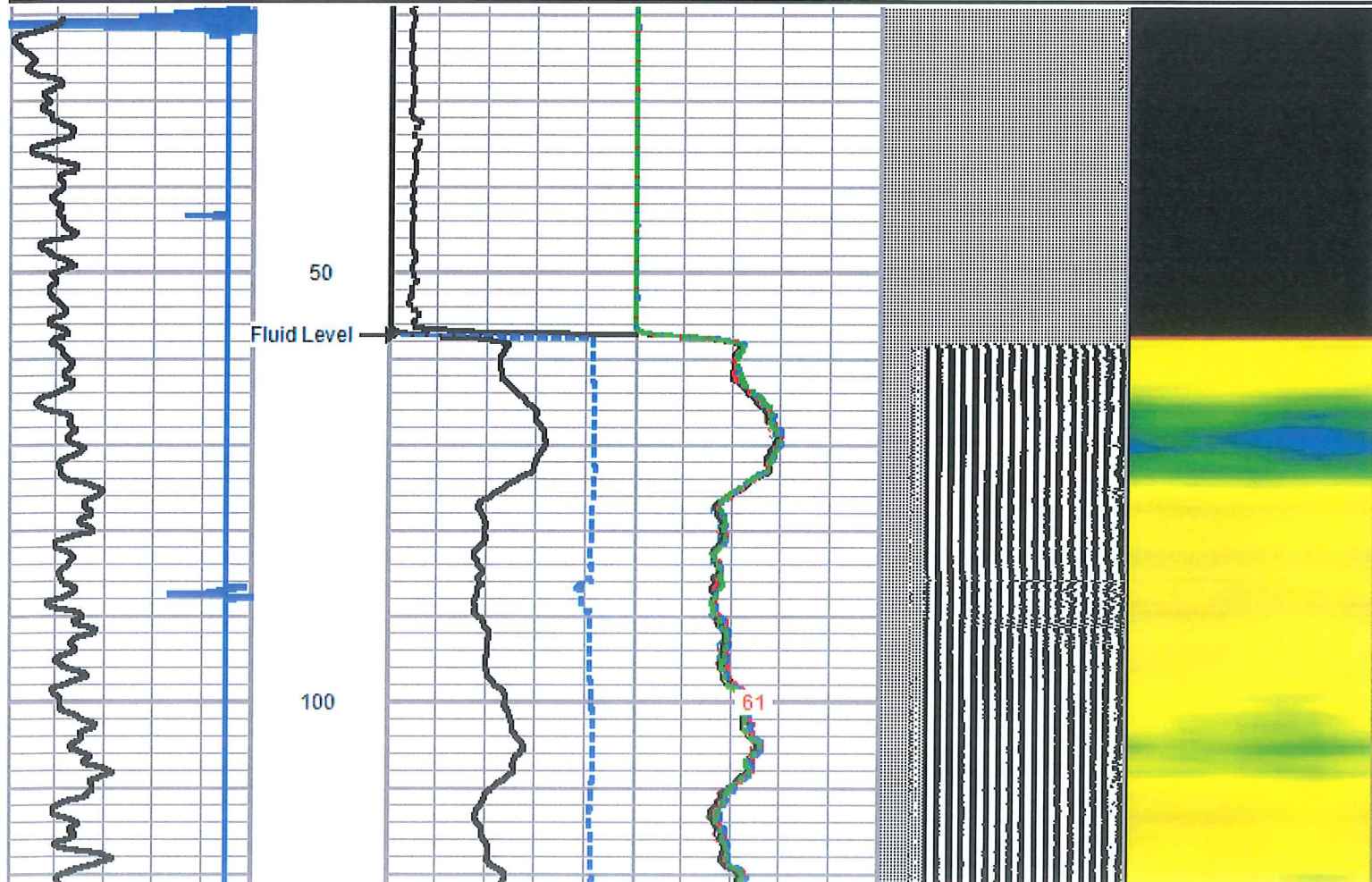
	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	
3'	0.000		0.000		0.000	
5'	0.000		0.000		0.000	
SUM						
S1	0.000		0.000		0.000	
S2	0.000		0.000		0.000	
S3	0.000		0.000		0.000	
S4	0.000		0.000		0.000	
S5	0.000		0.000		0.000	
S6	0.000		0.000		0.000	
S7	0.000		0.000		0.000	
S8	0.000		0.000		0.000	

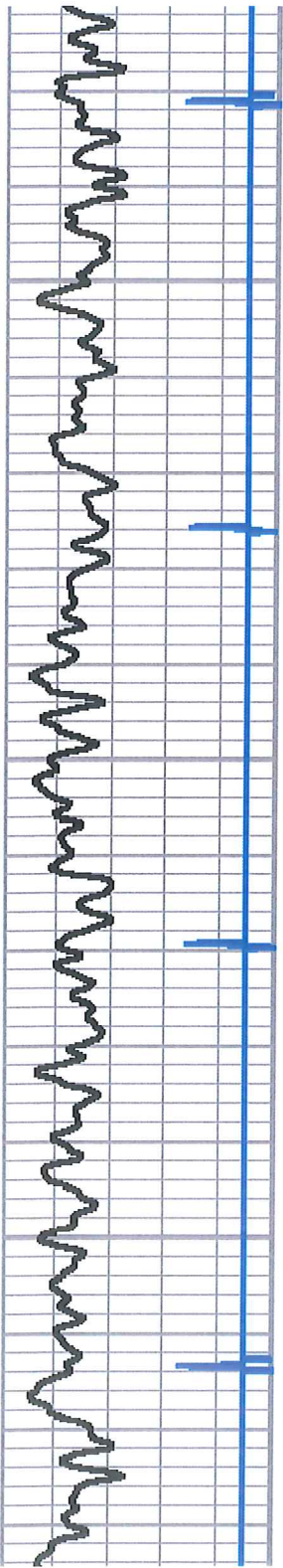


MAIN LOG

Database File: amanda 1h.db
 Dataset Pathname: pass4
 Presentation Format: scbl02
 Dataset Creation: Mon Oct 06 23:35:24 2014 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

-9	CCL	1	0	AMP (mV)	100	0	AMPS1	150	200	VDL	1200	1	Cement Map	8
0	GR (GAPI)	200	0	AMPx10 (mV)	10	0	AMPS2	150				3		95
200	GR (GAPI)	400	350	TT (usec)	250	0	AMPS3	150						
						0	AMPS4	150						
						0	AMPS5	150						
						0	AMPS6	150						
						0	AMPS7	150						
						0	AMPS8	150						
							TEMP							
							(degF)							

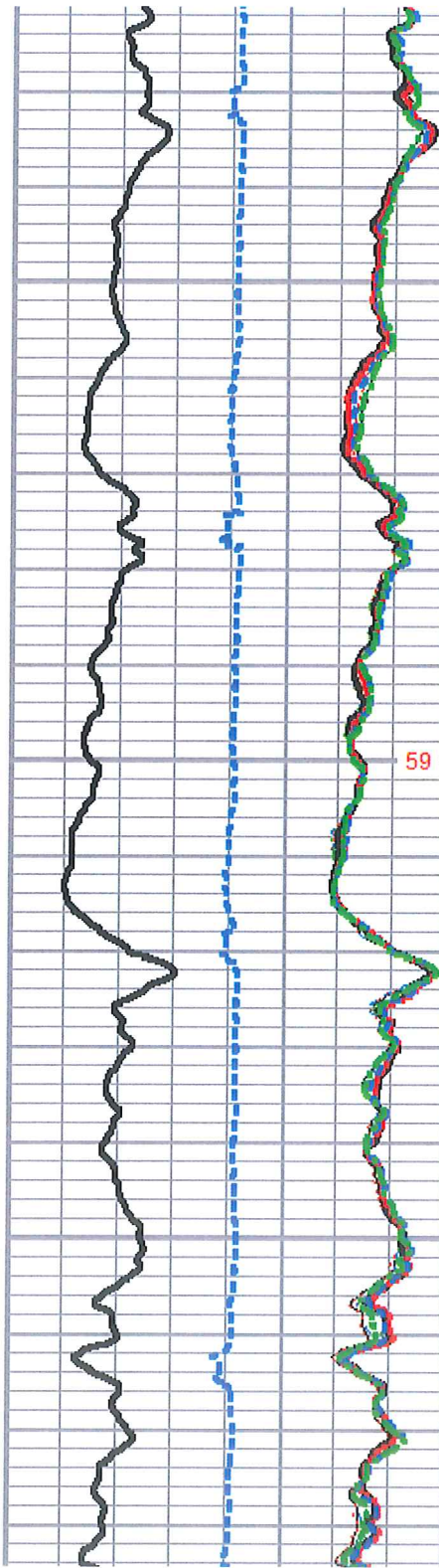




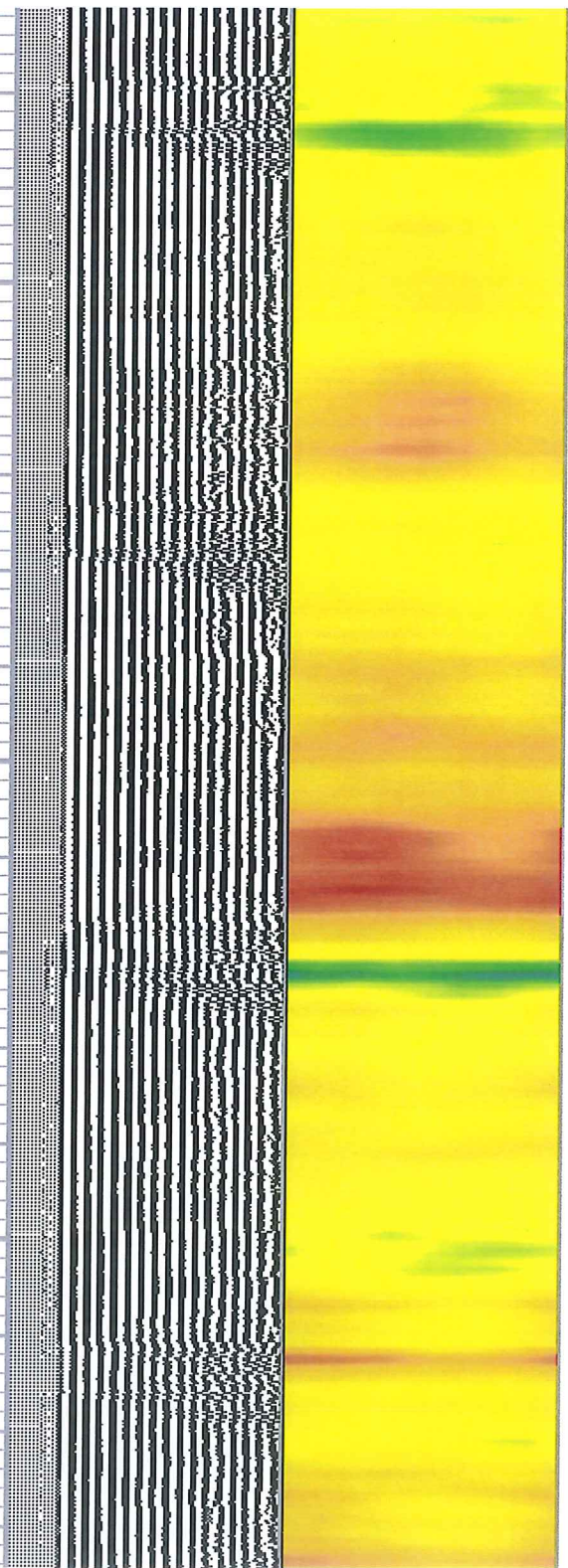
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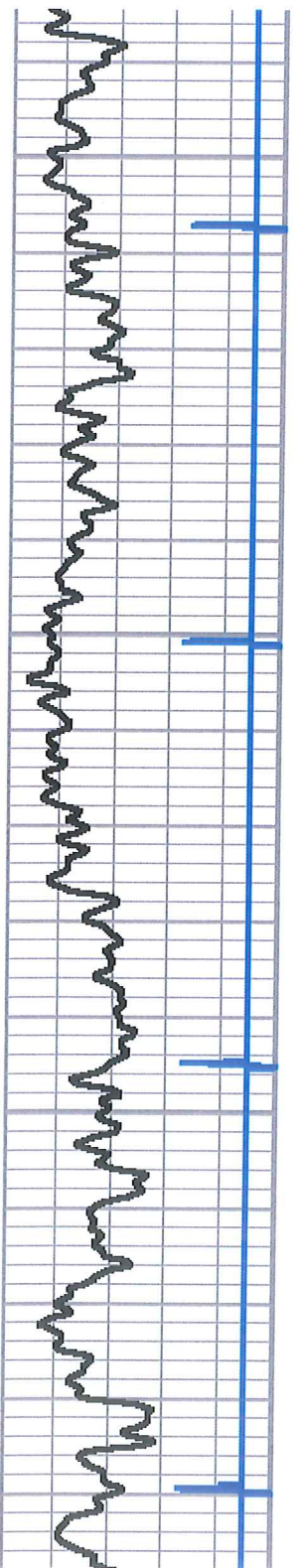
200

250



59

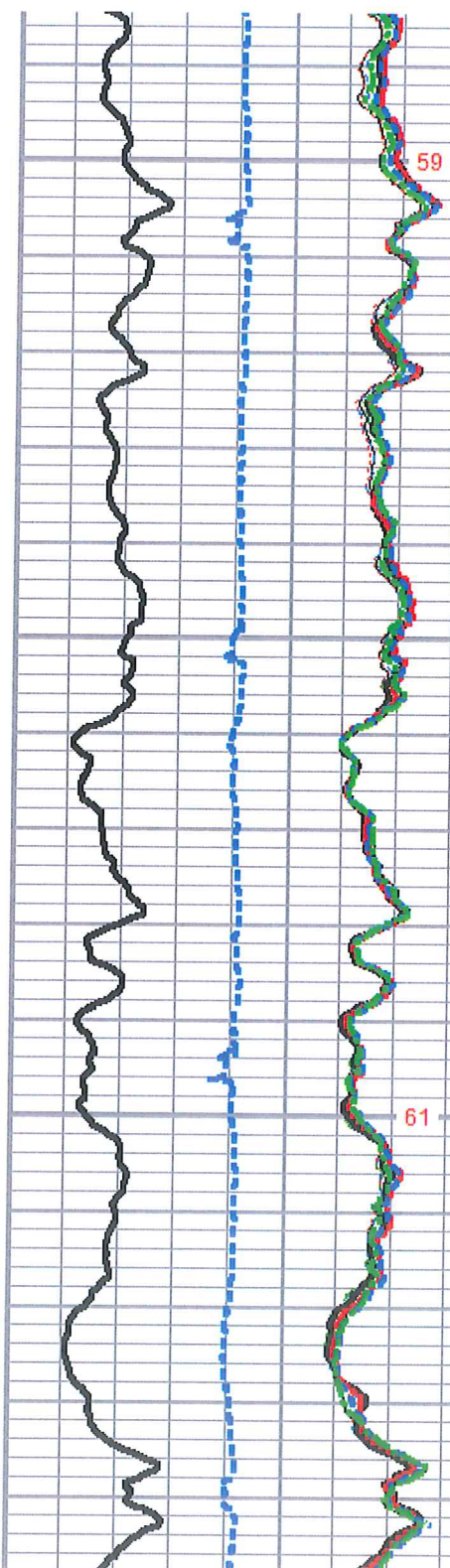




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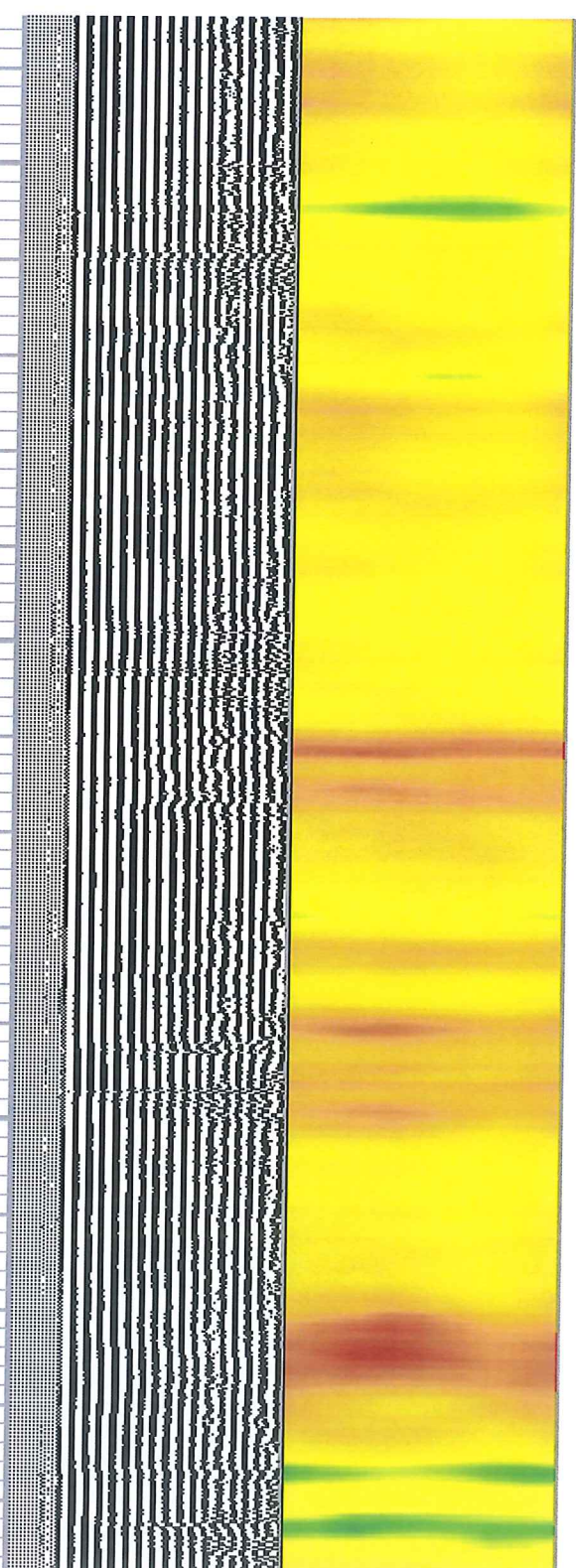
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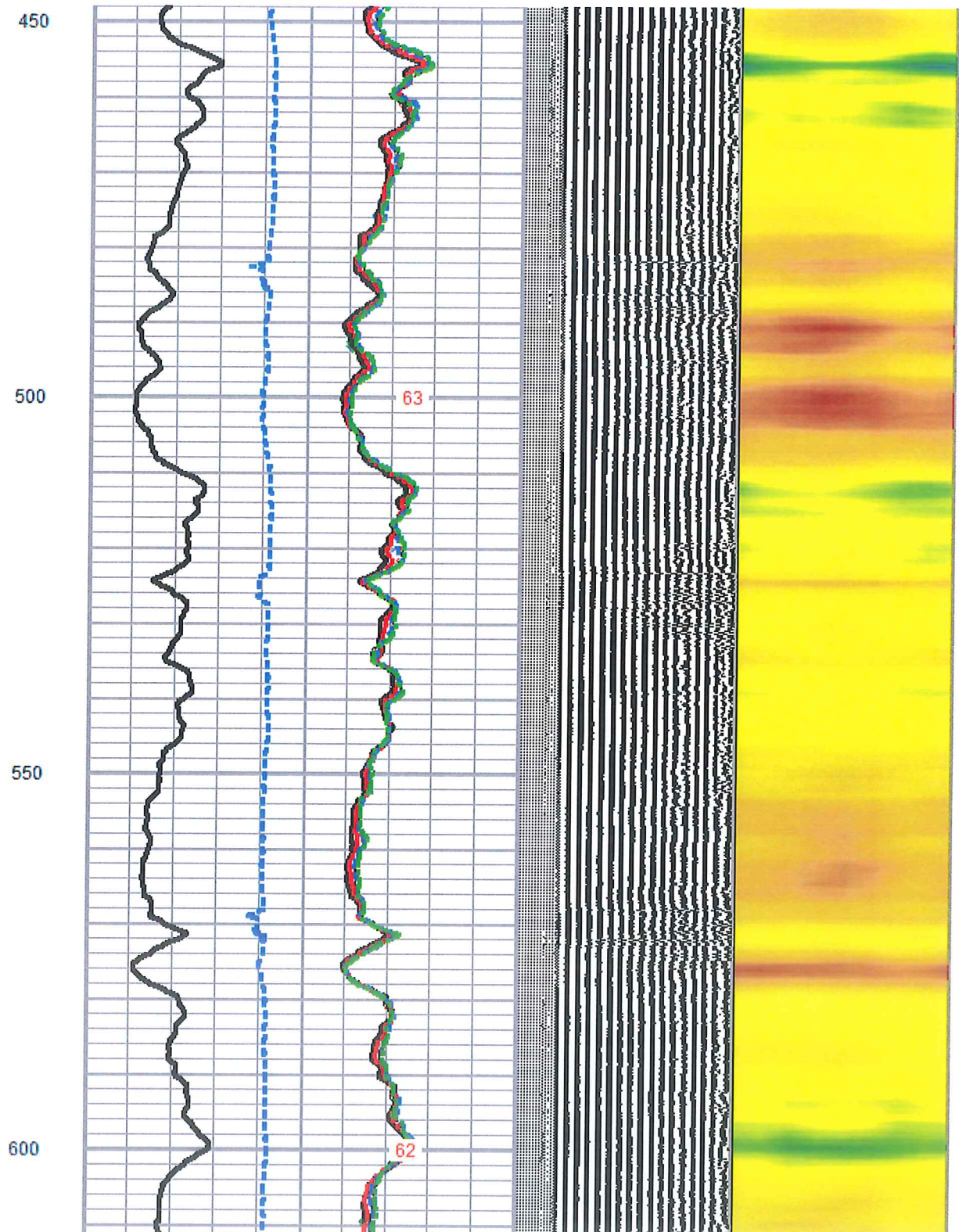
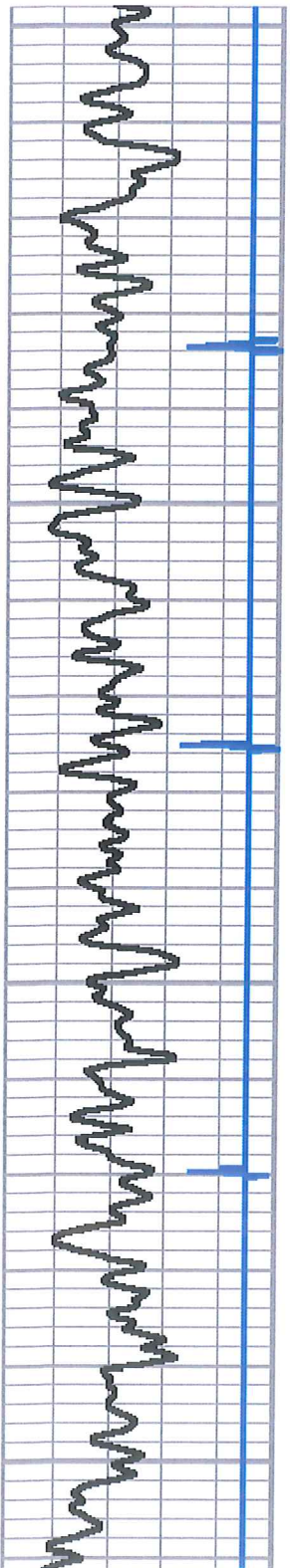
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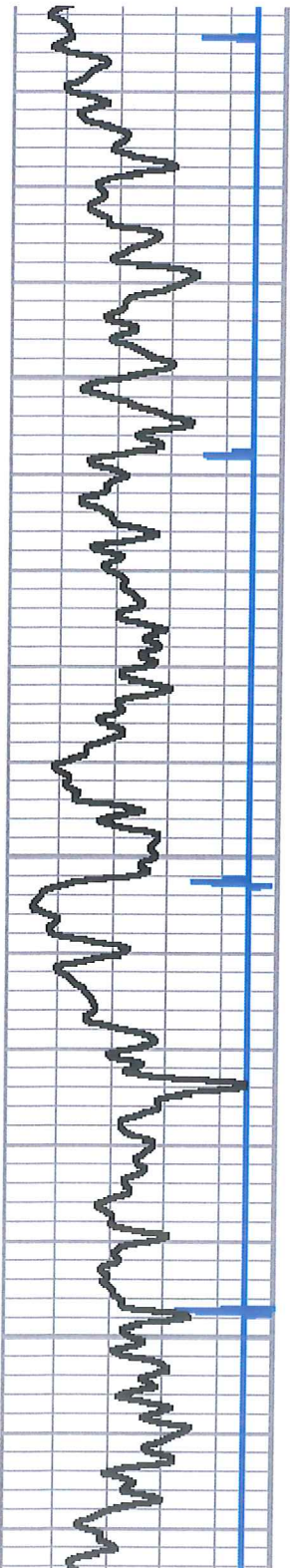


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61



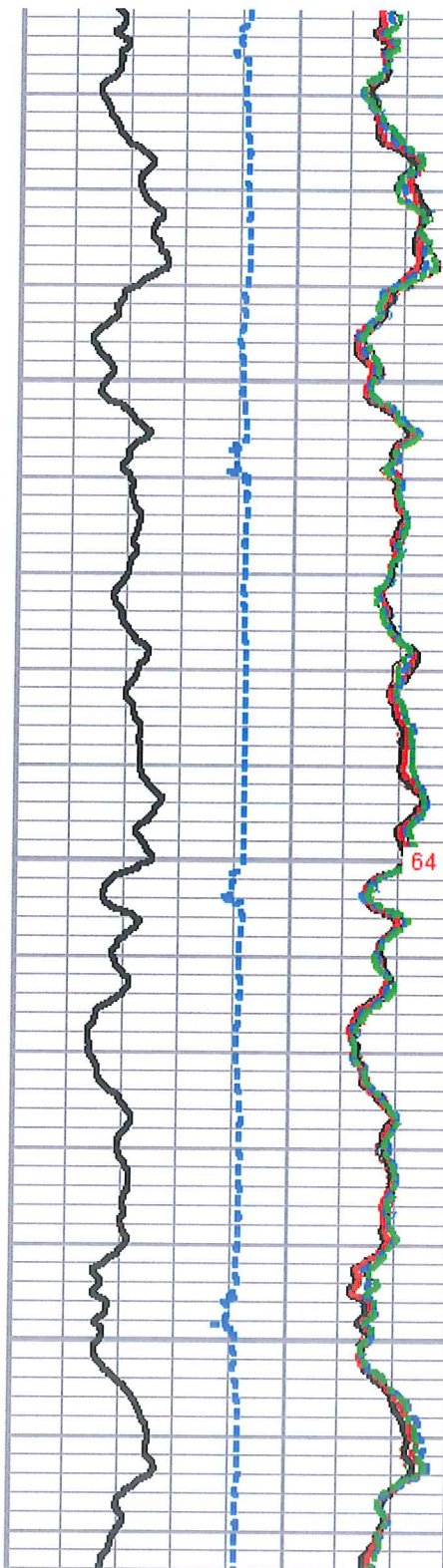




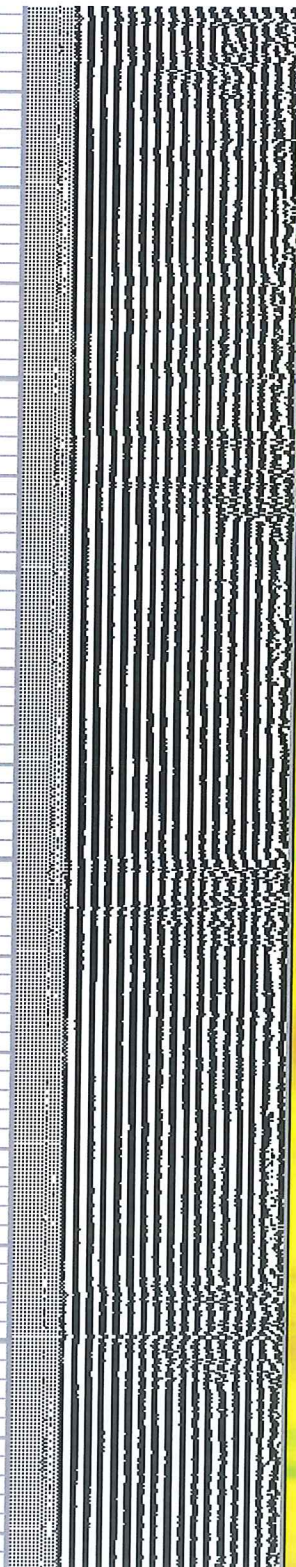
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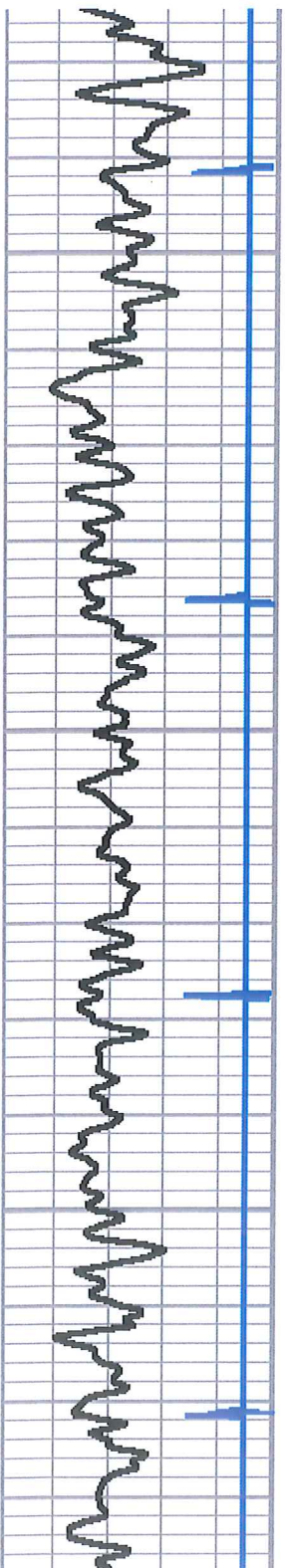
700

750



64

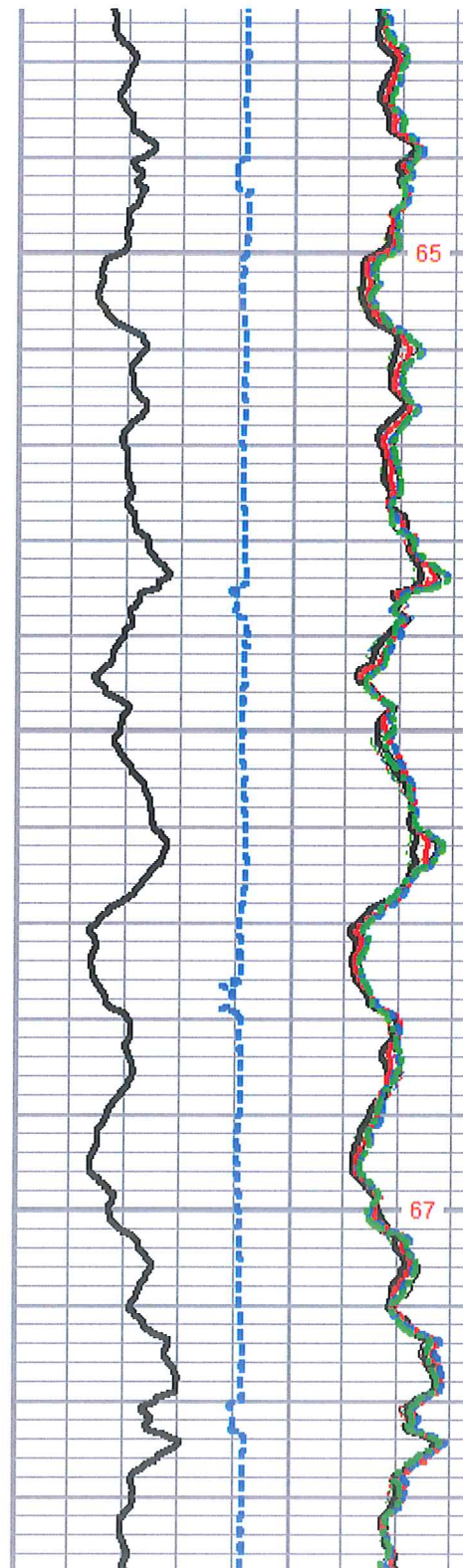




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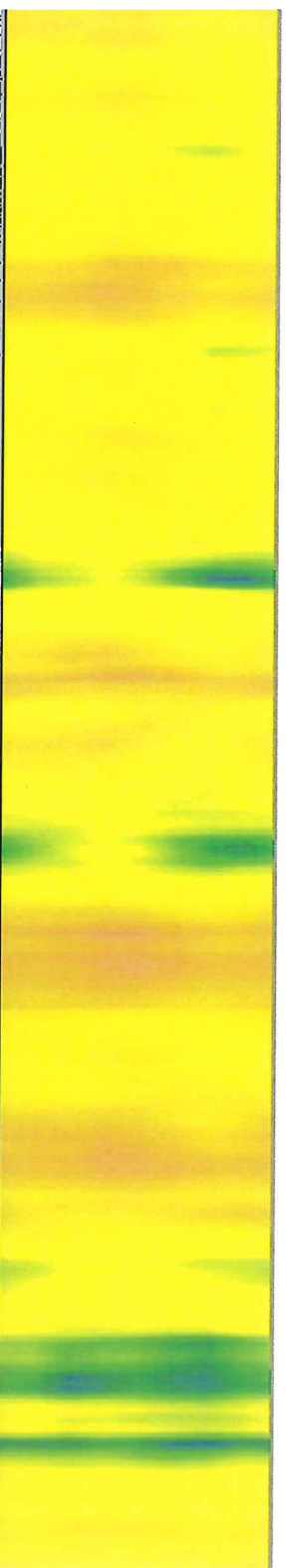
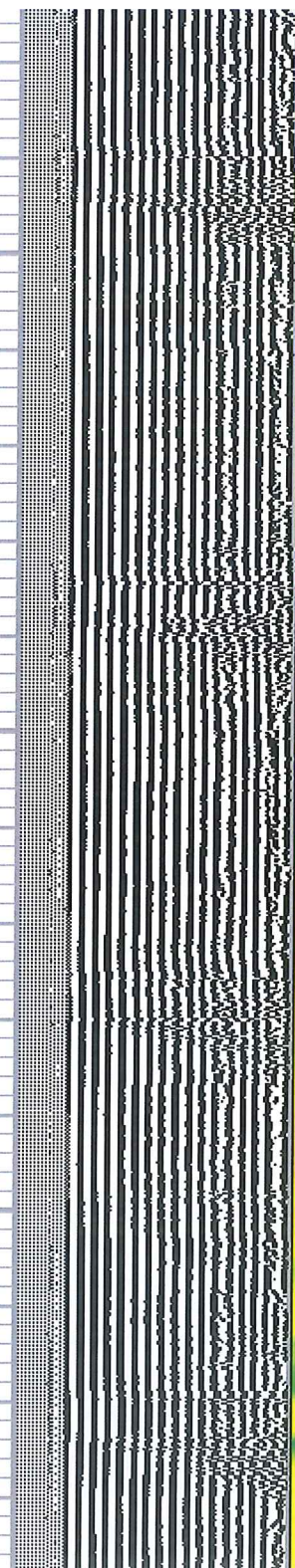
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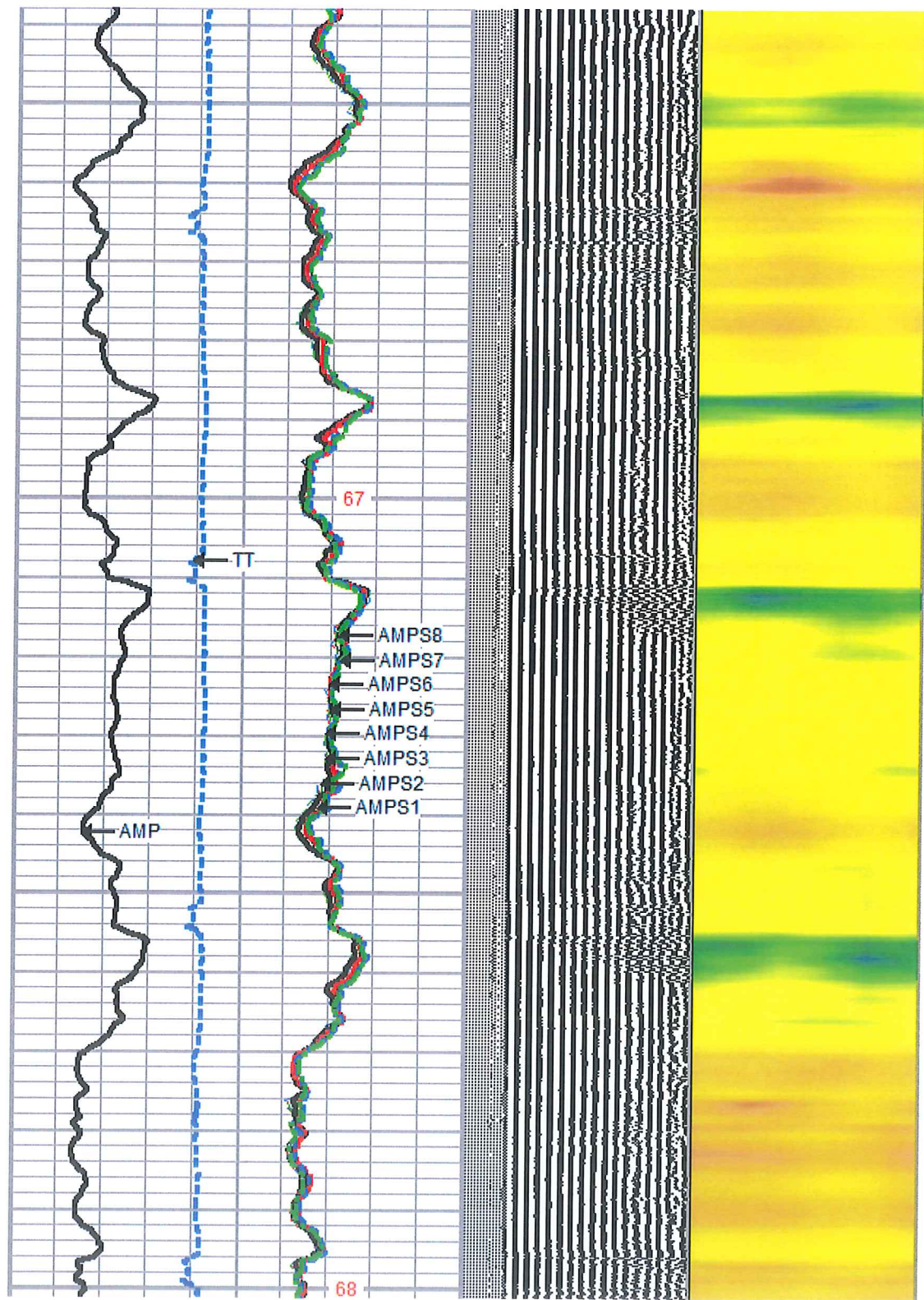
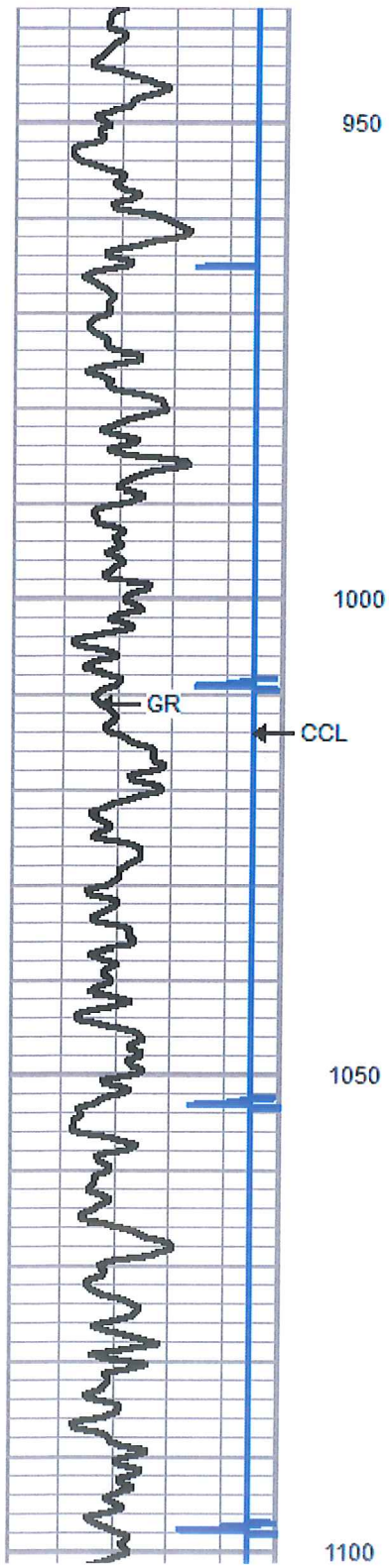
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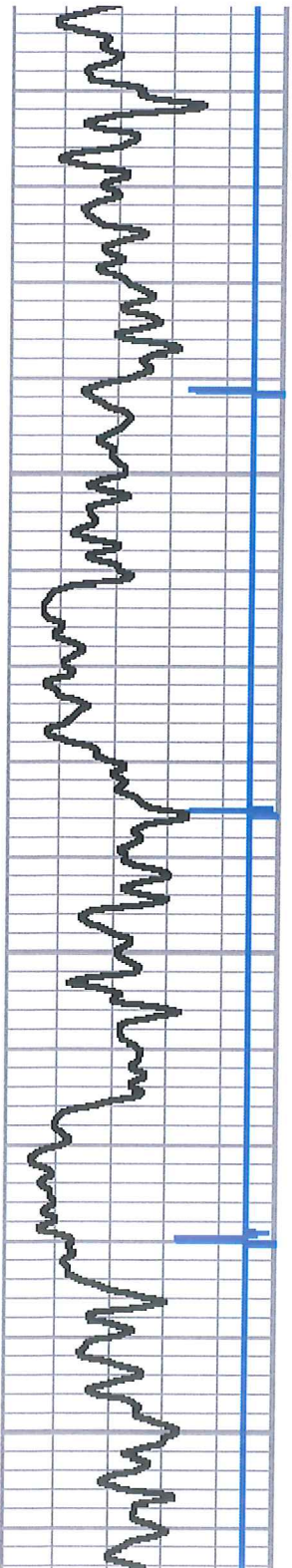


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67



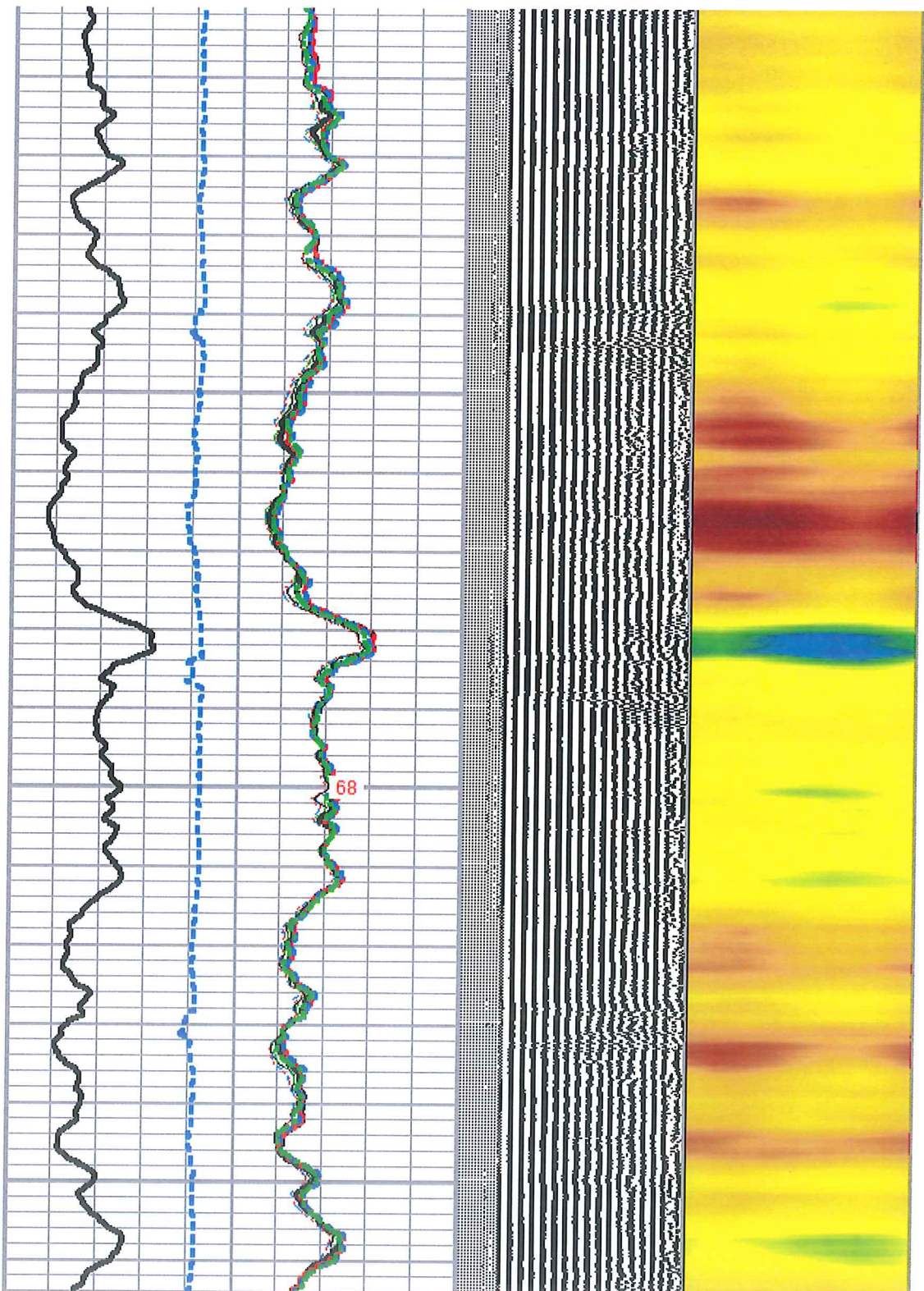


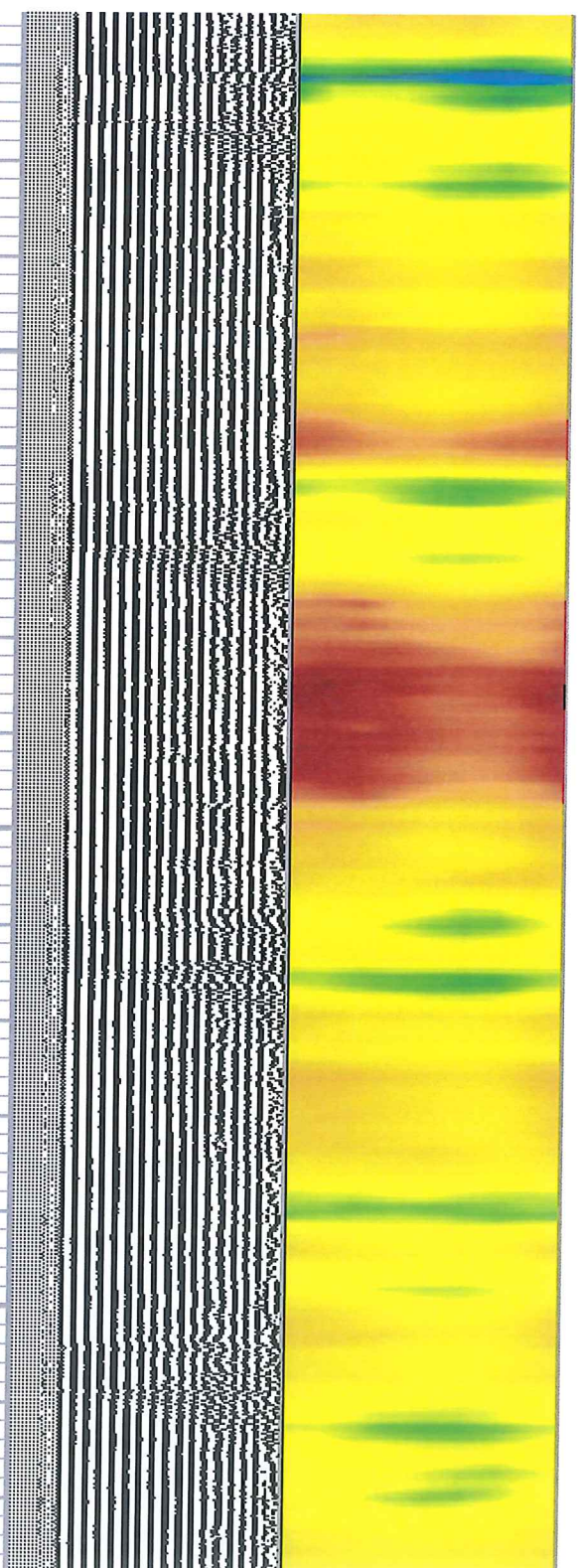
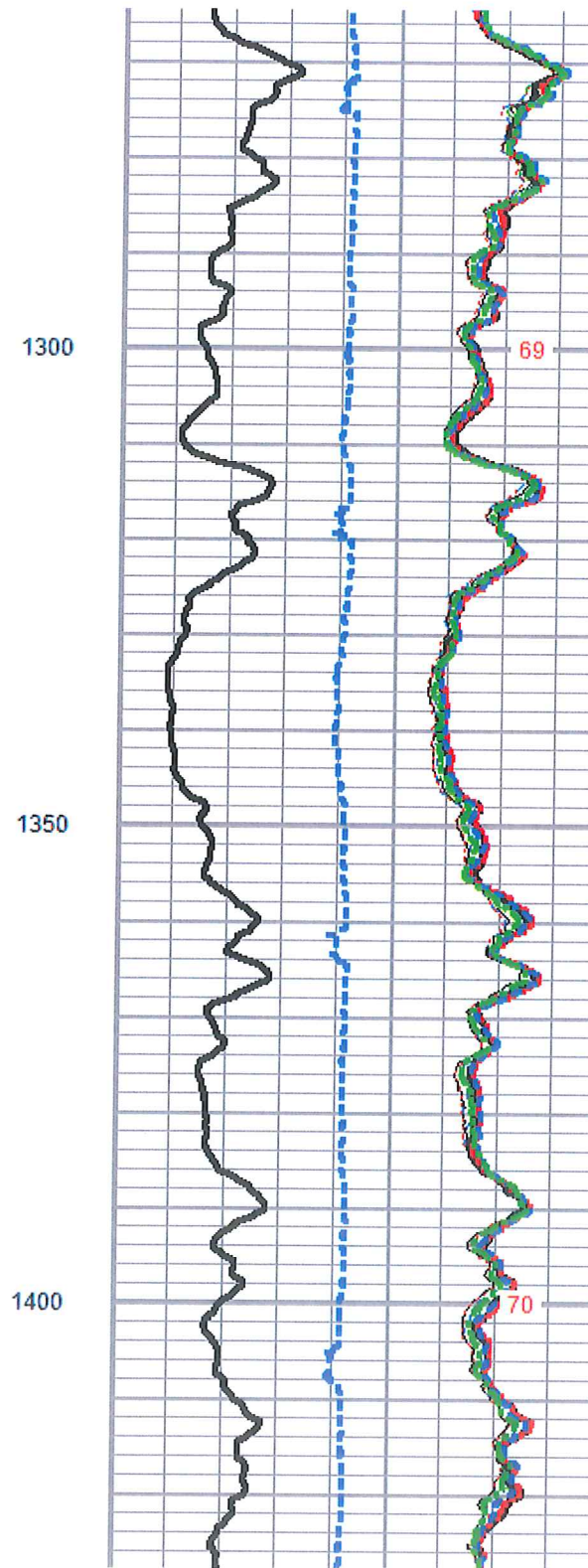
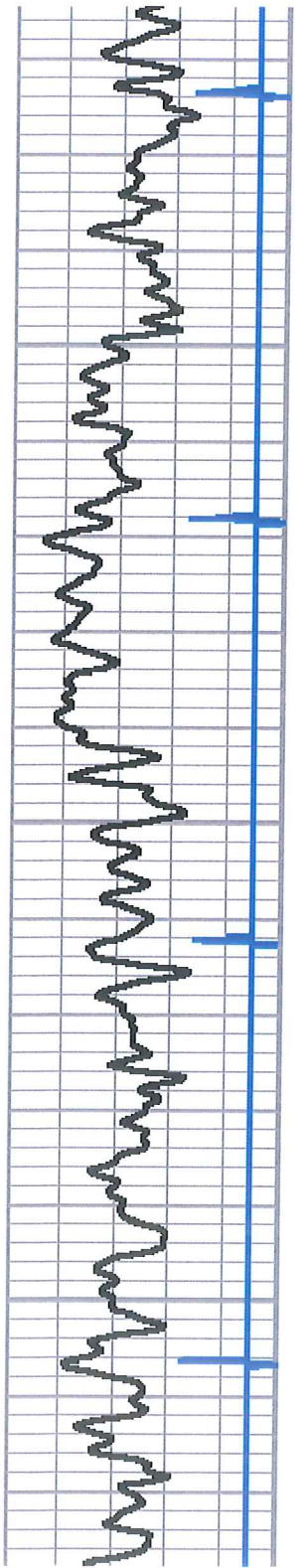


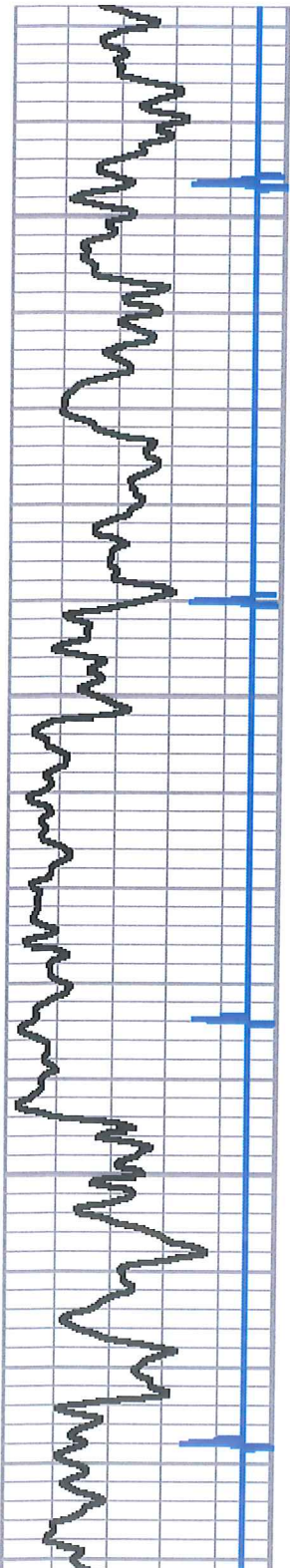
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1250



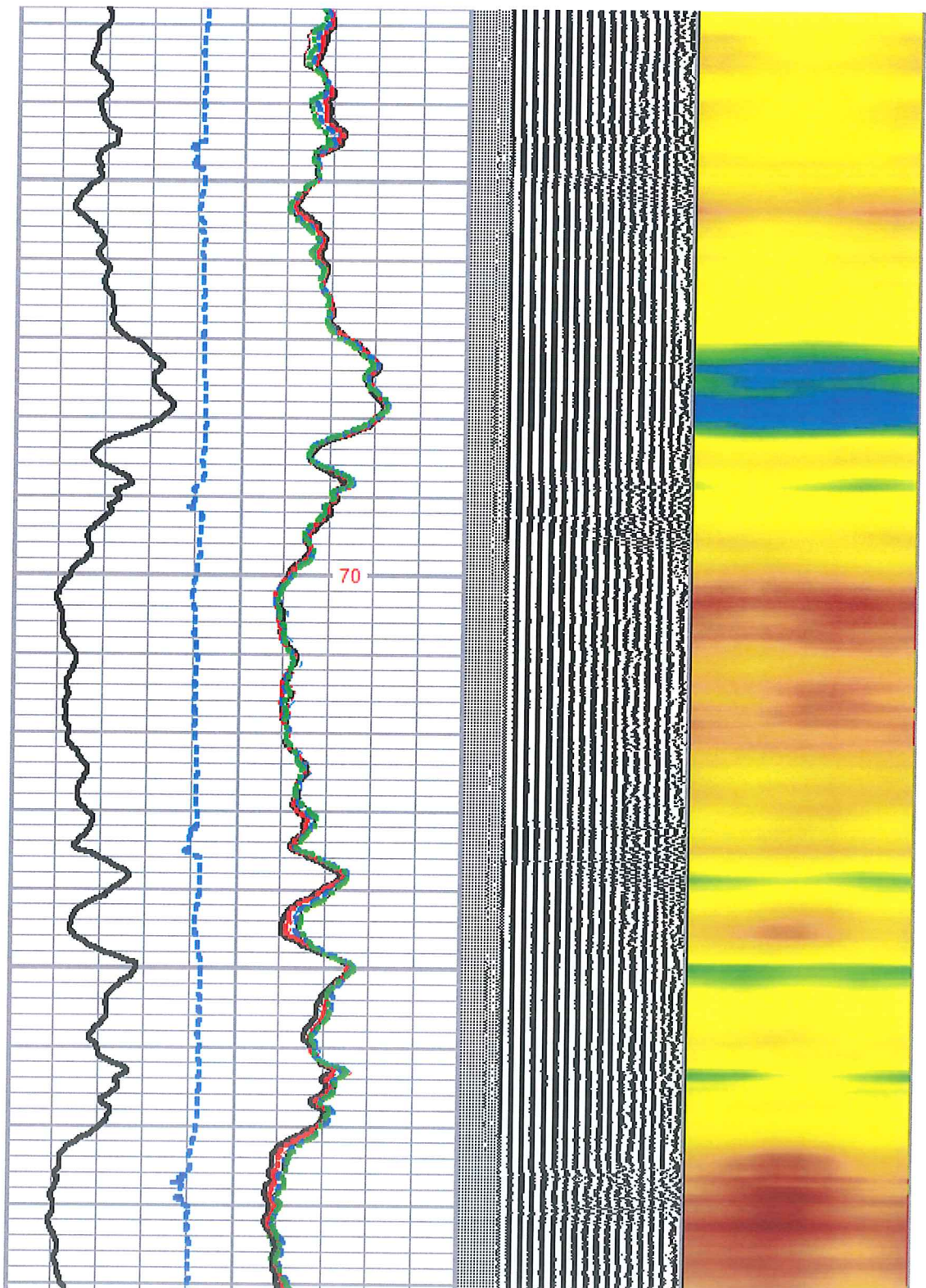




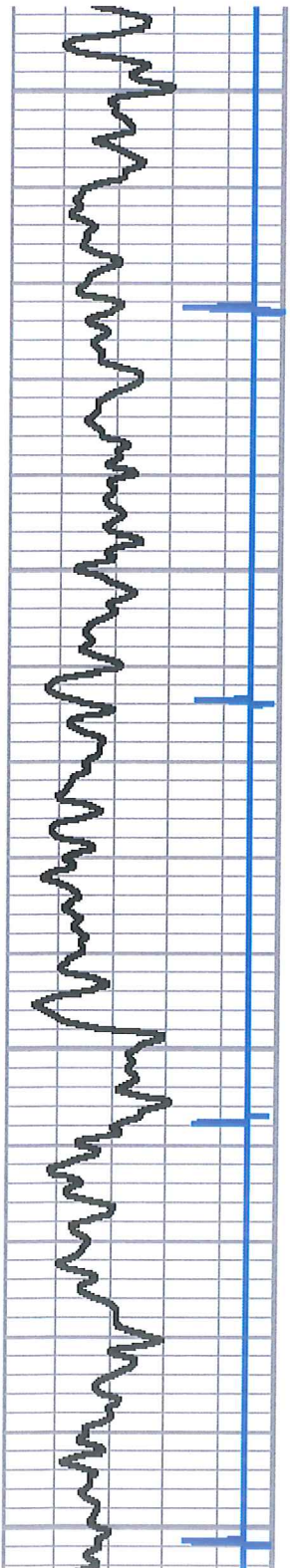
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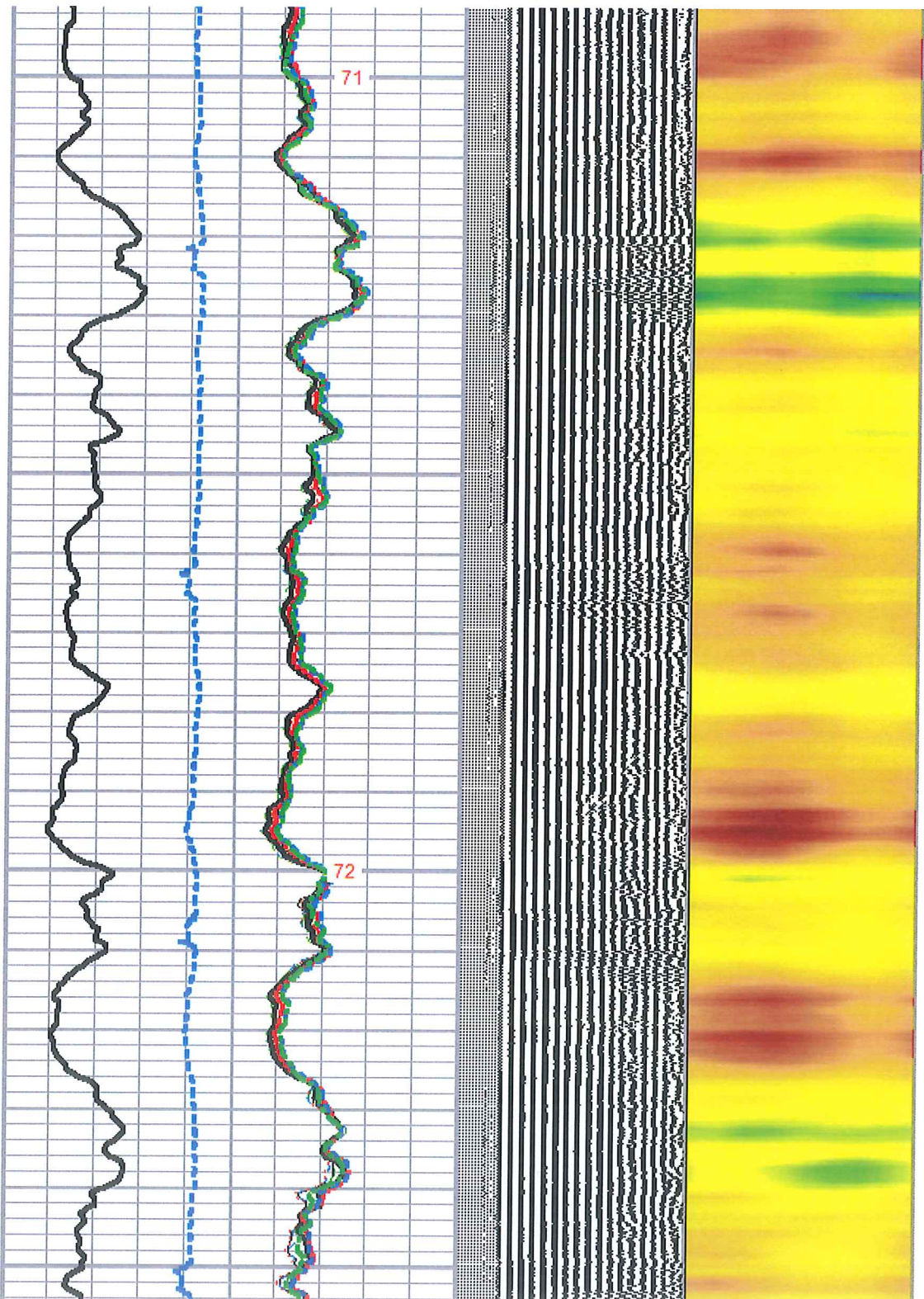
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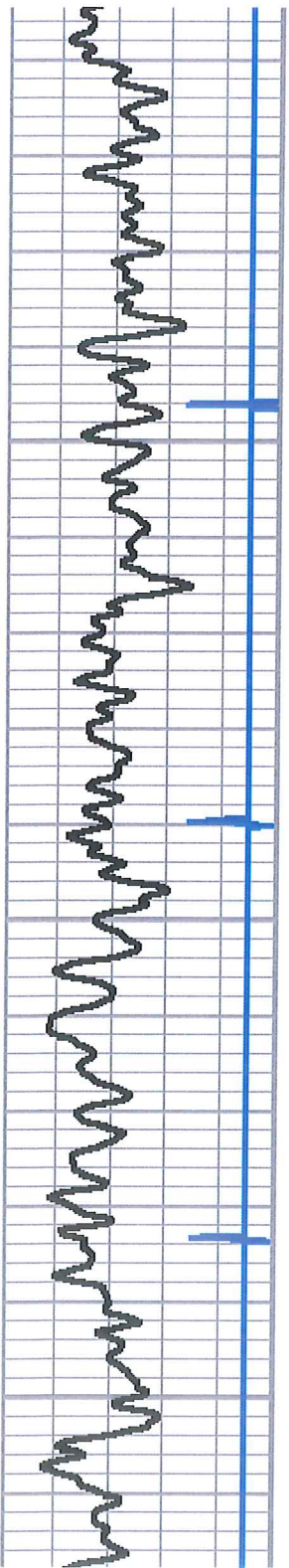


70



1600
1650
1700
1750

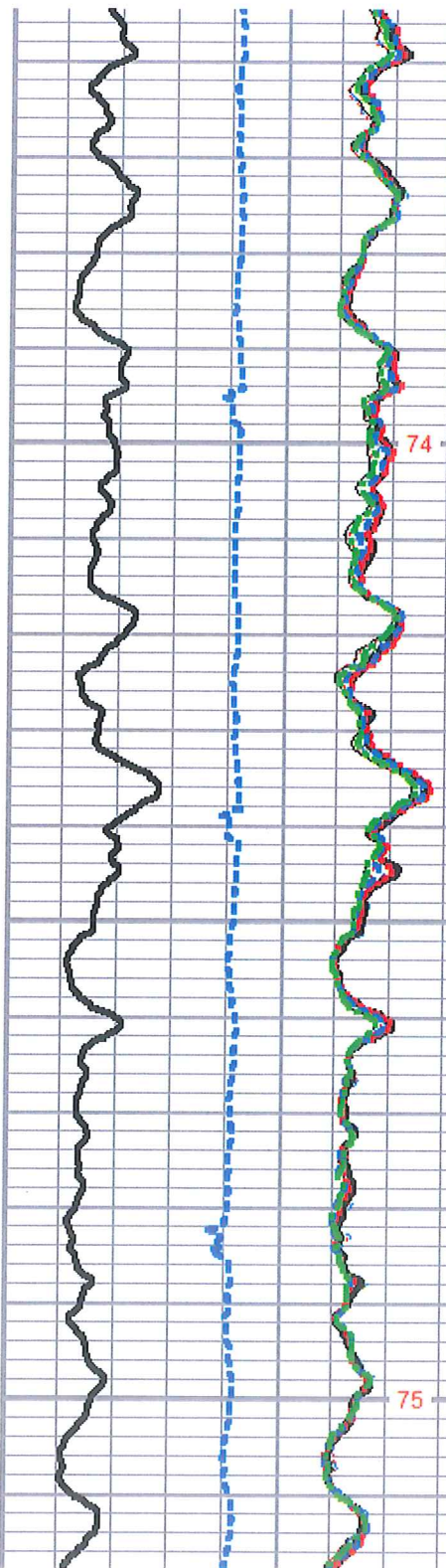




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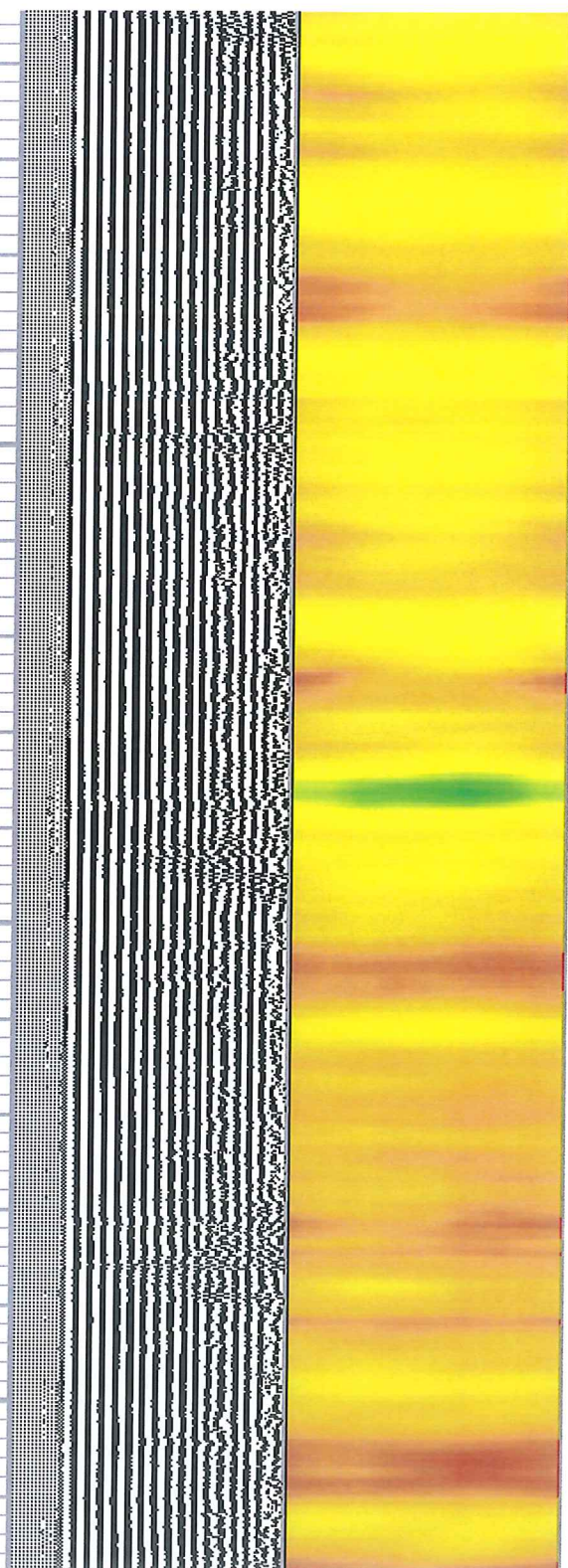
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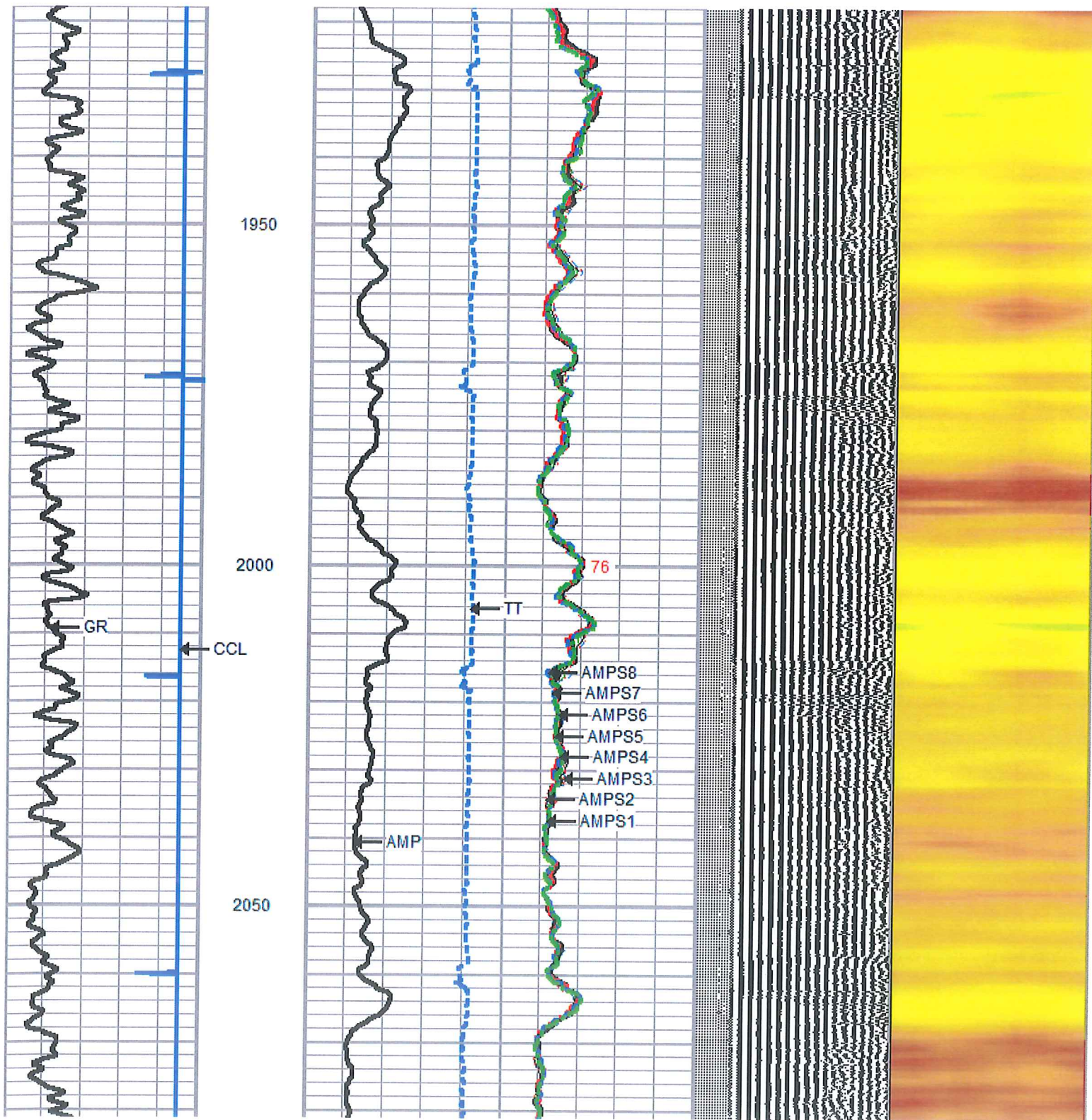
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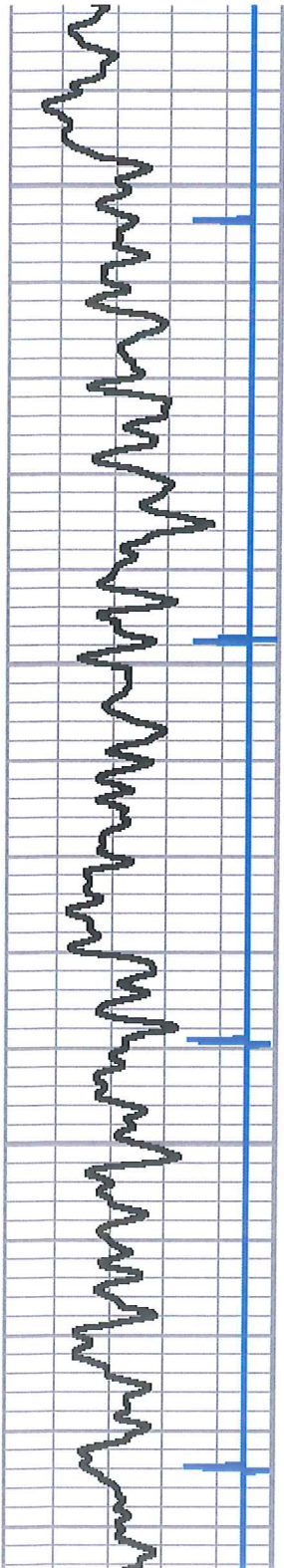


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75



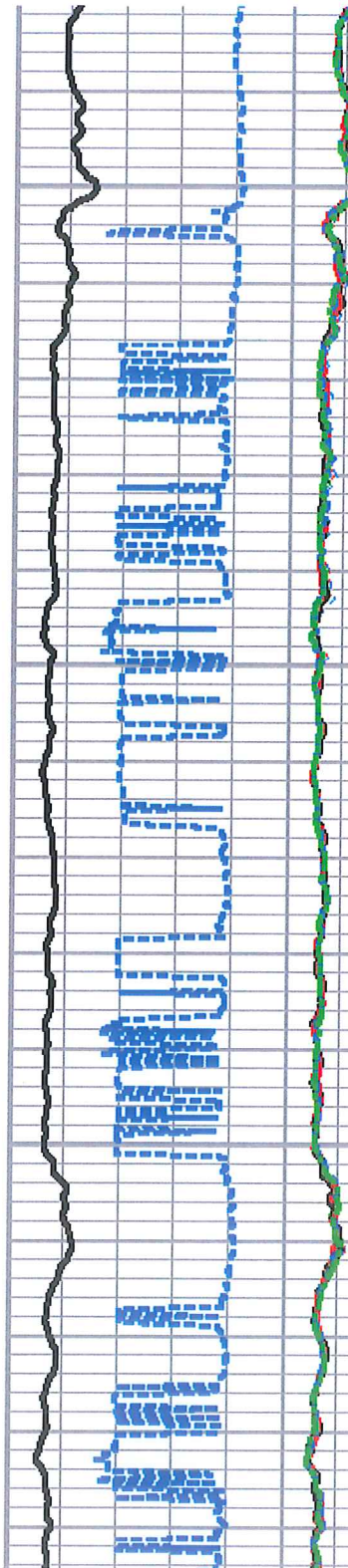




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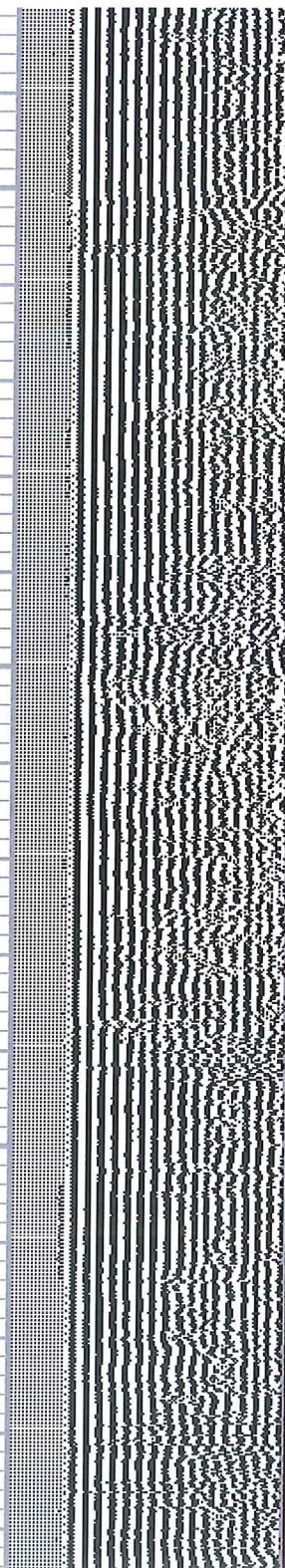
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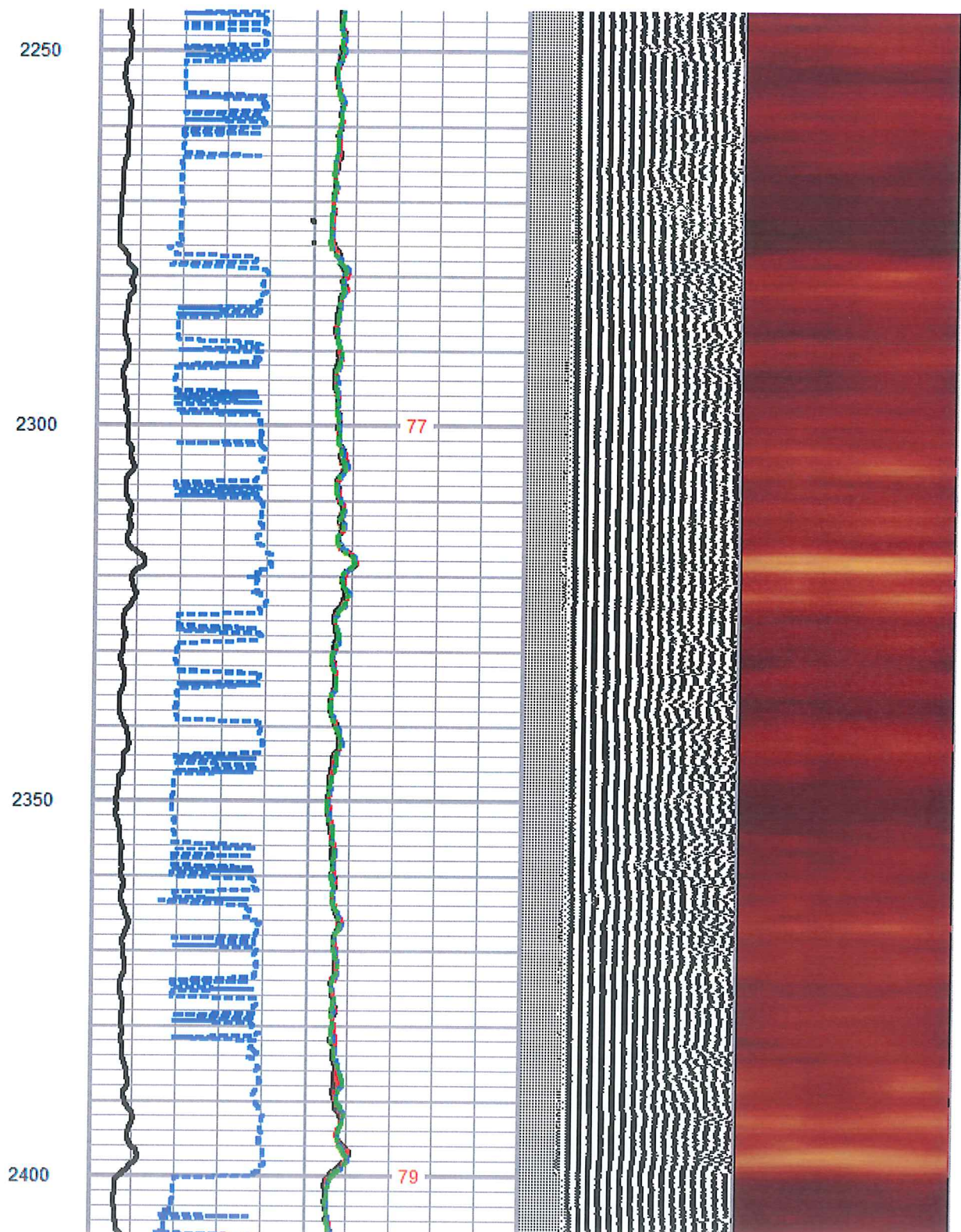
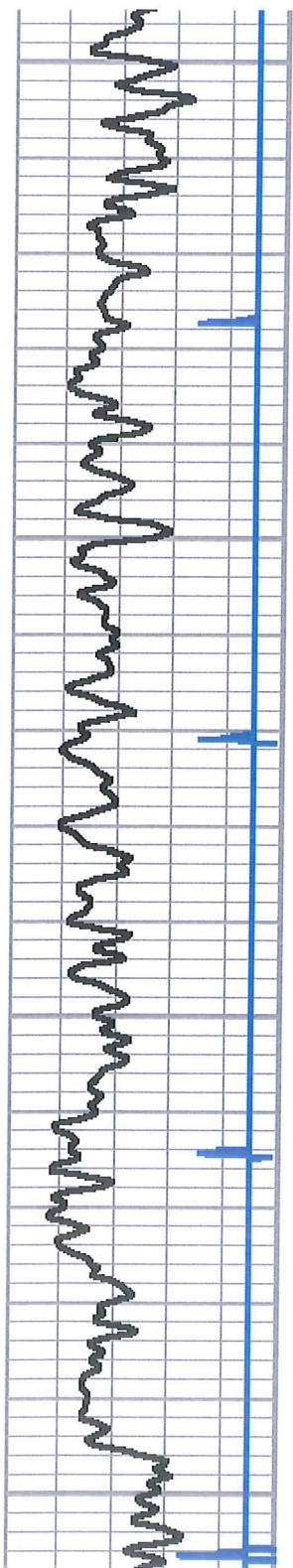
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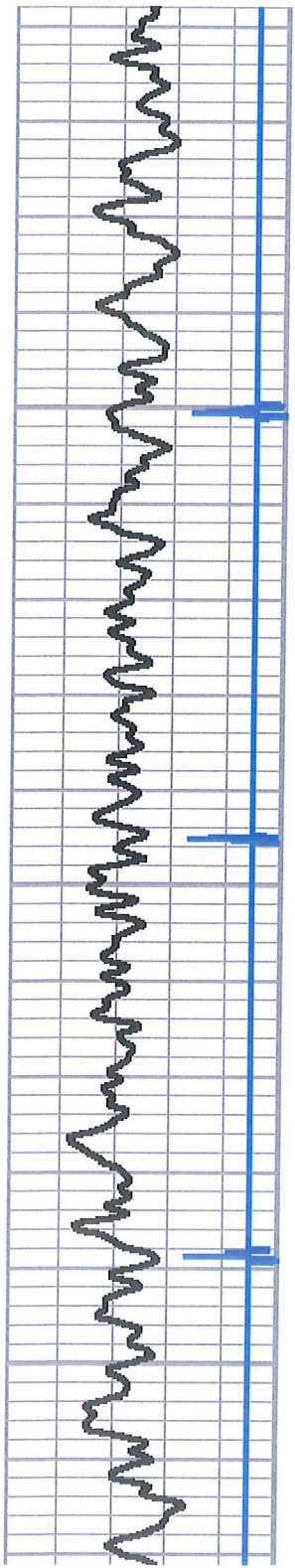


76

77



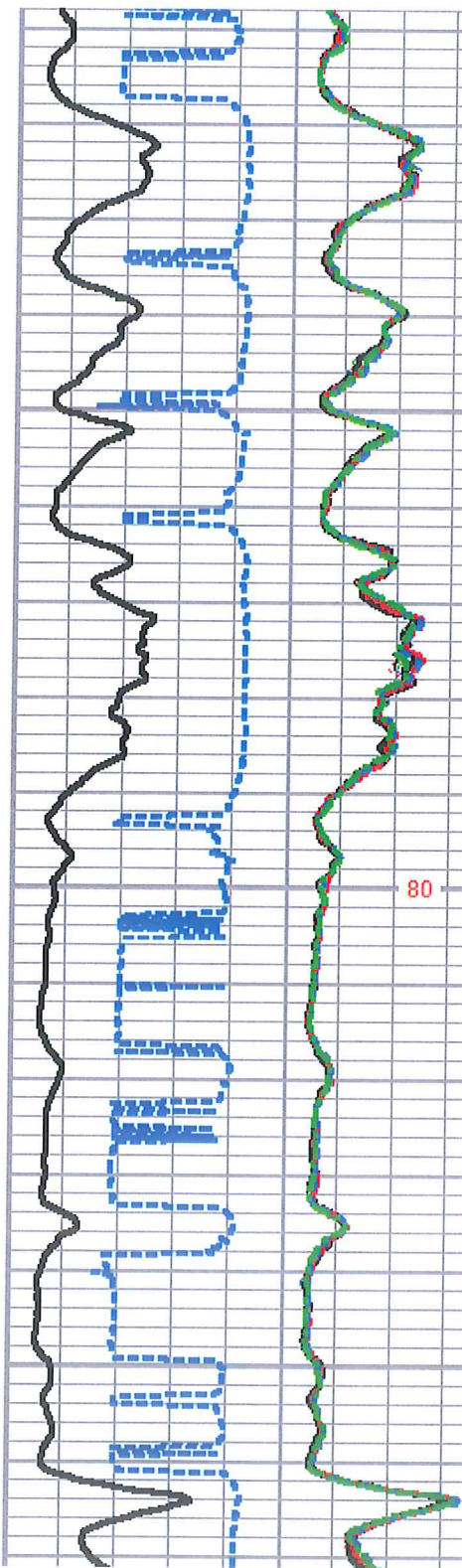




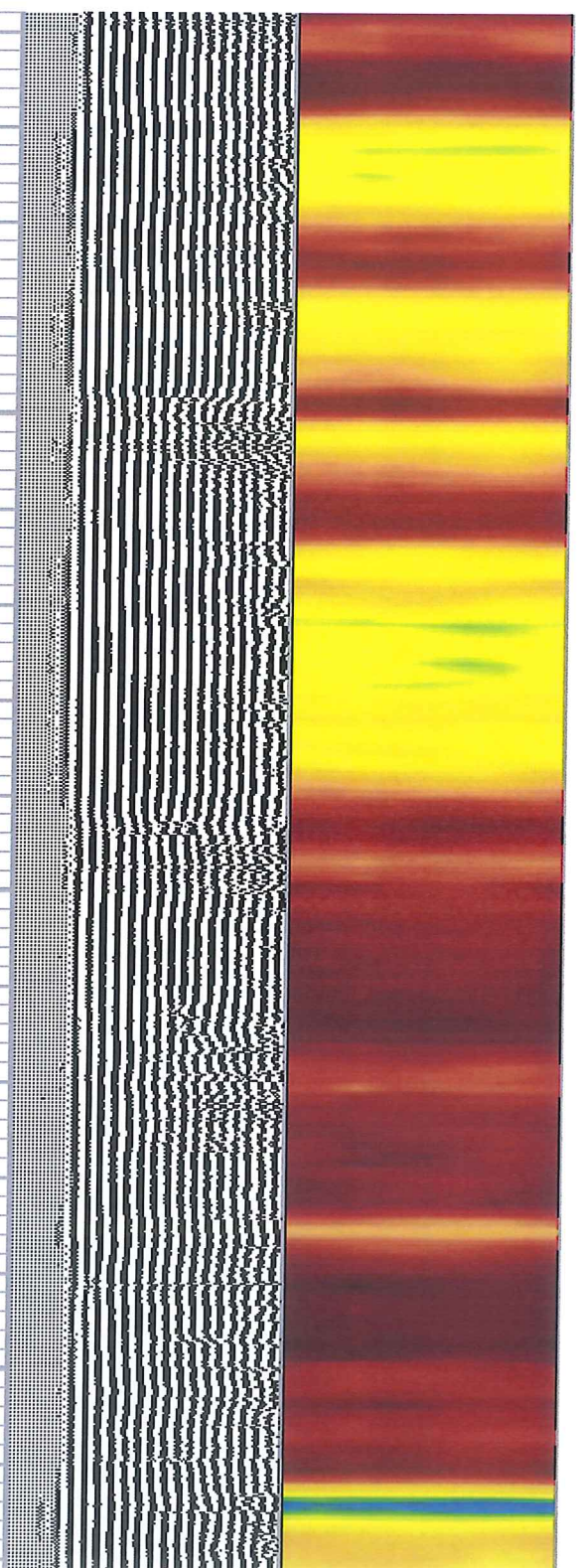
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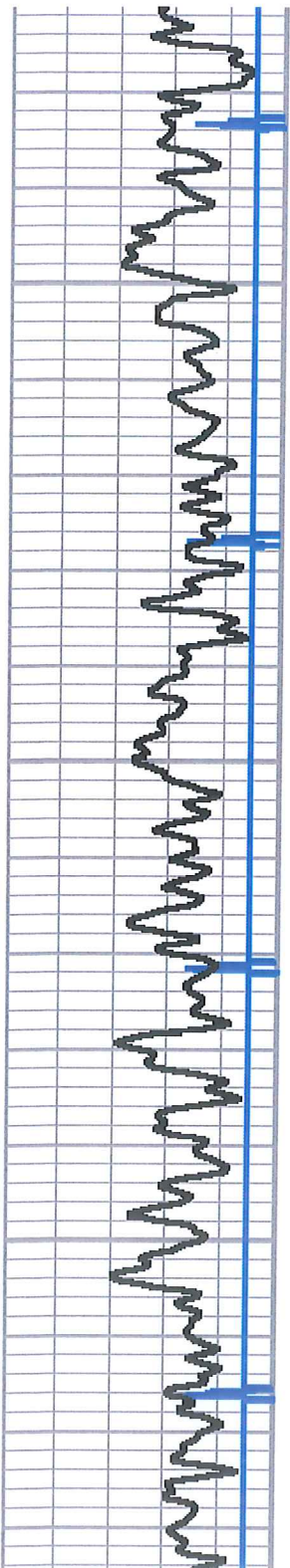
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2550

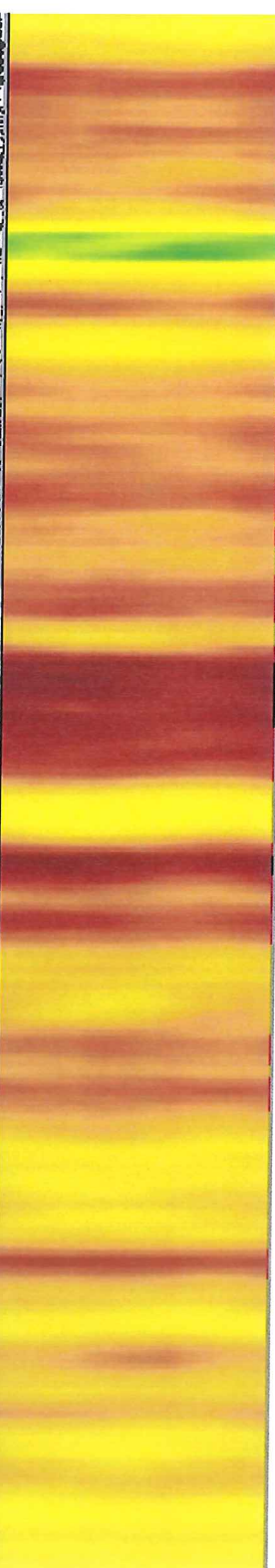
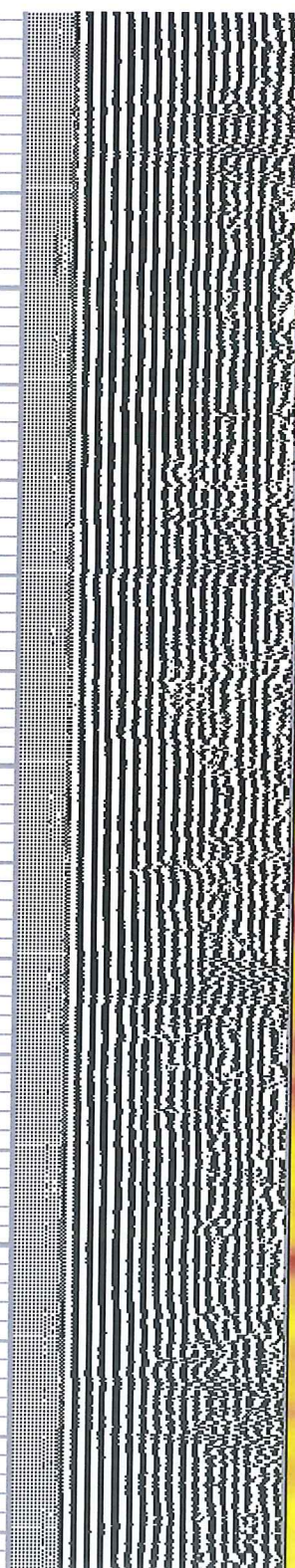
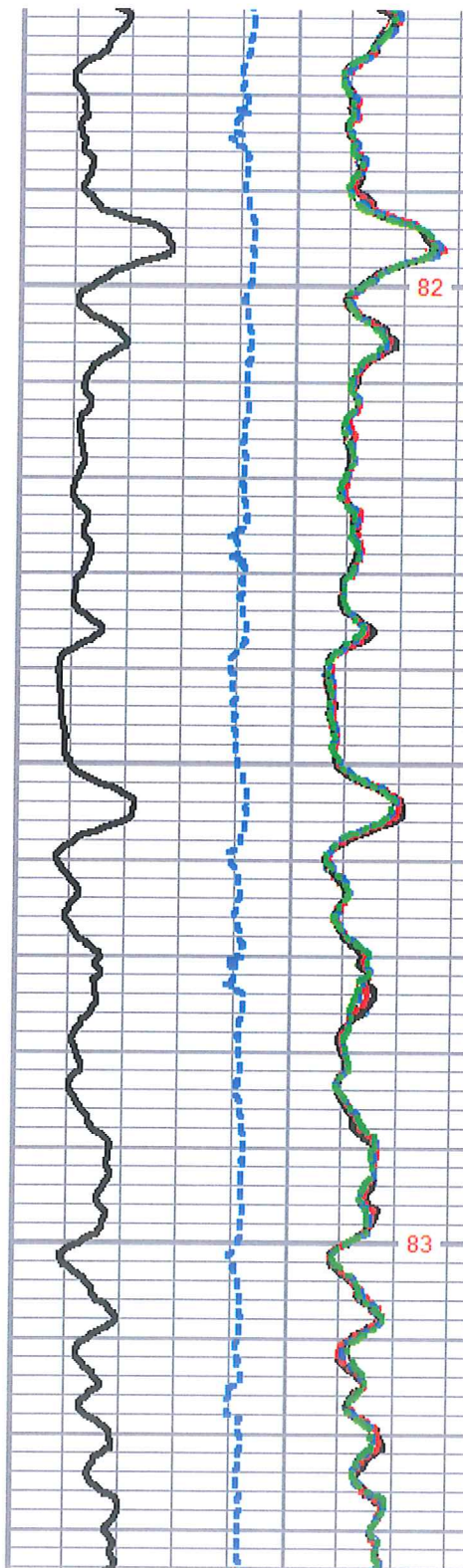


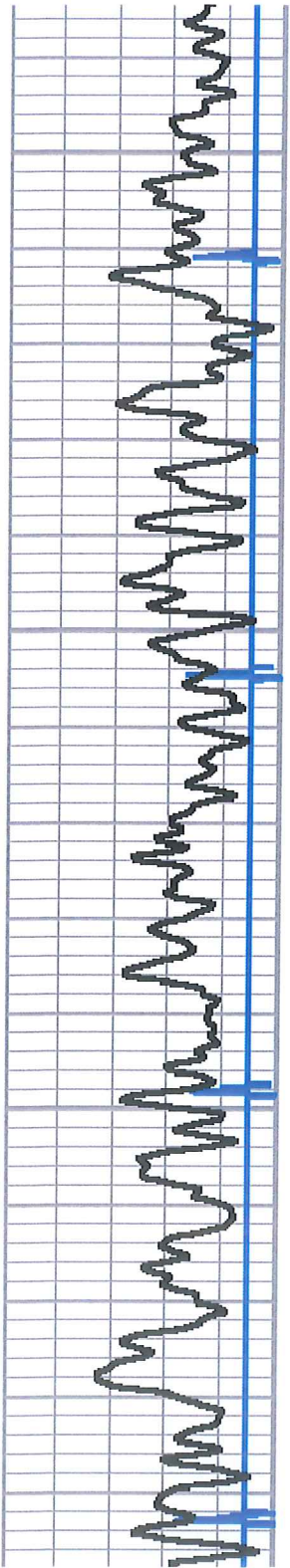
80





2600
2650
2700

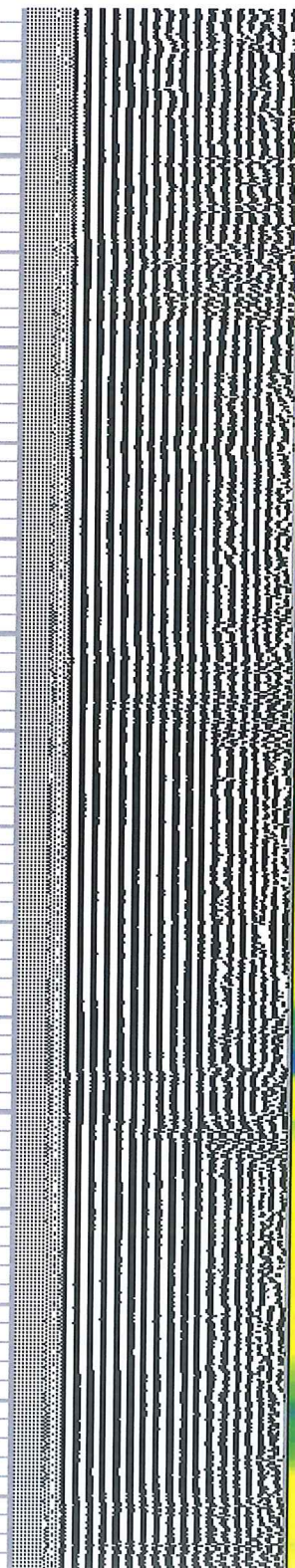
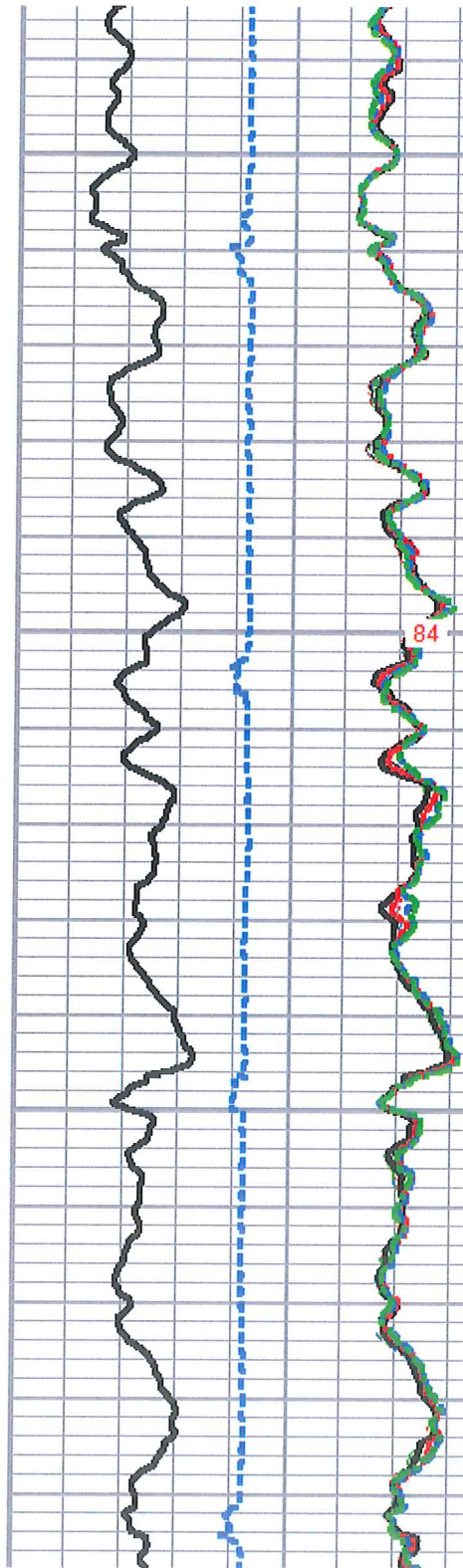


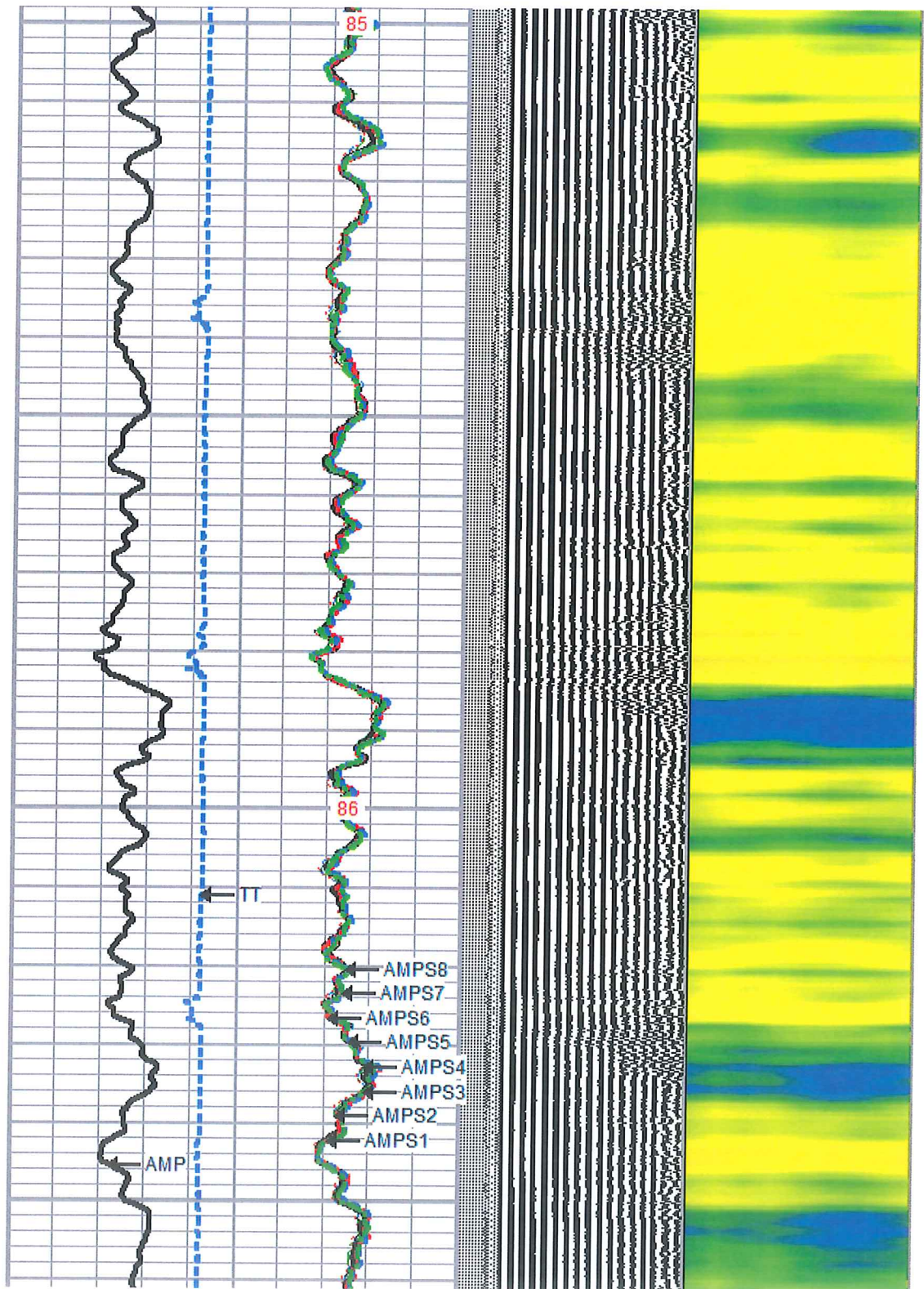
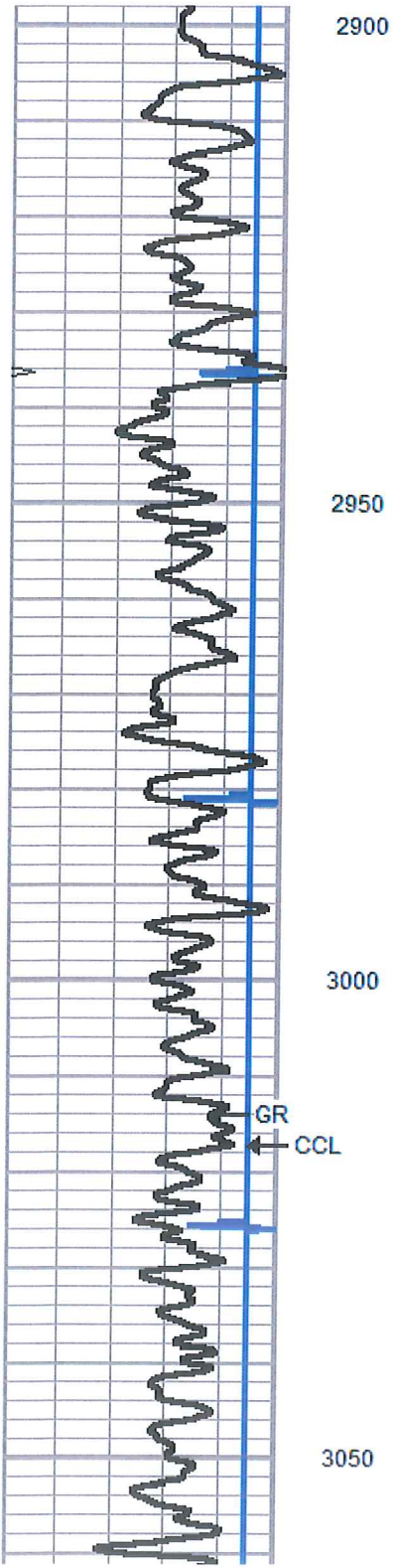


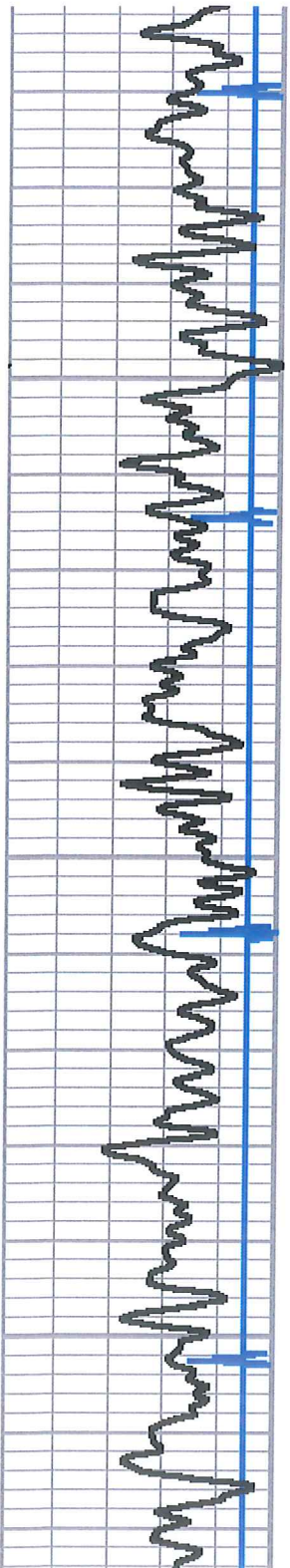
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2850



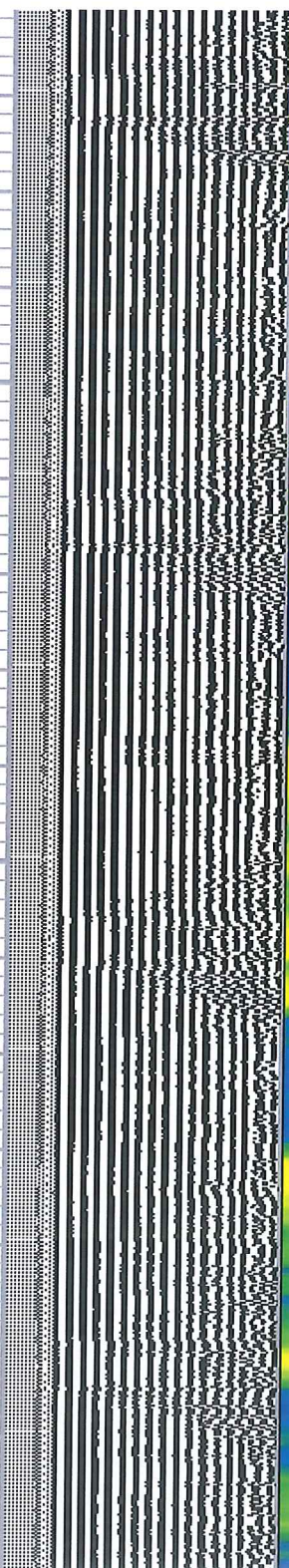
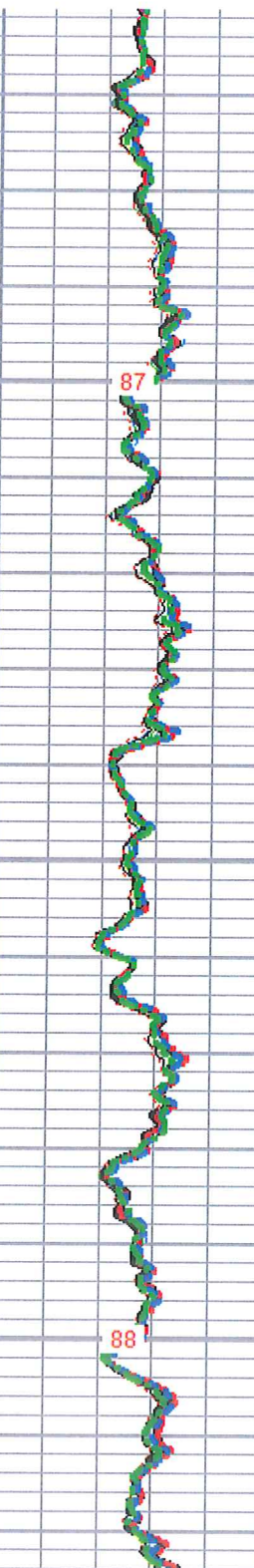
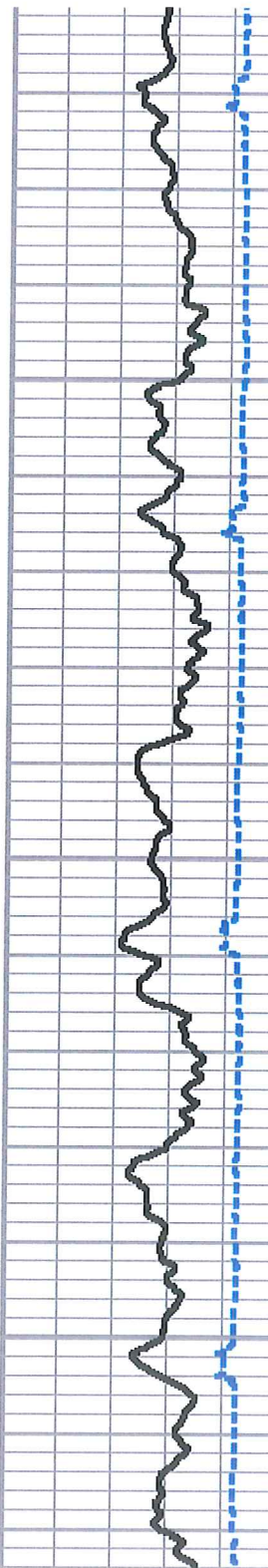


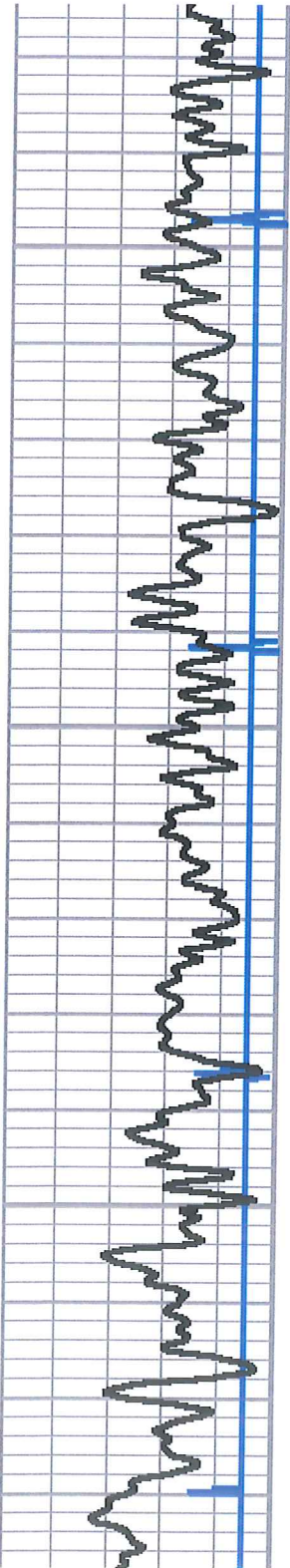


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3150

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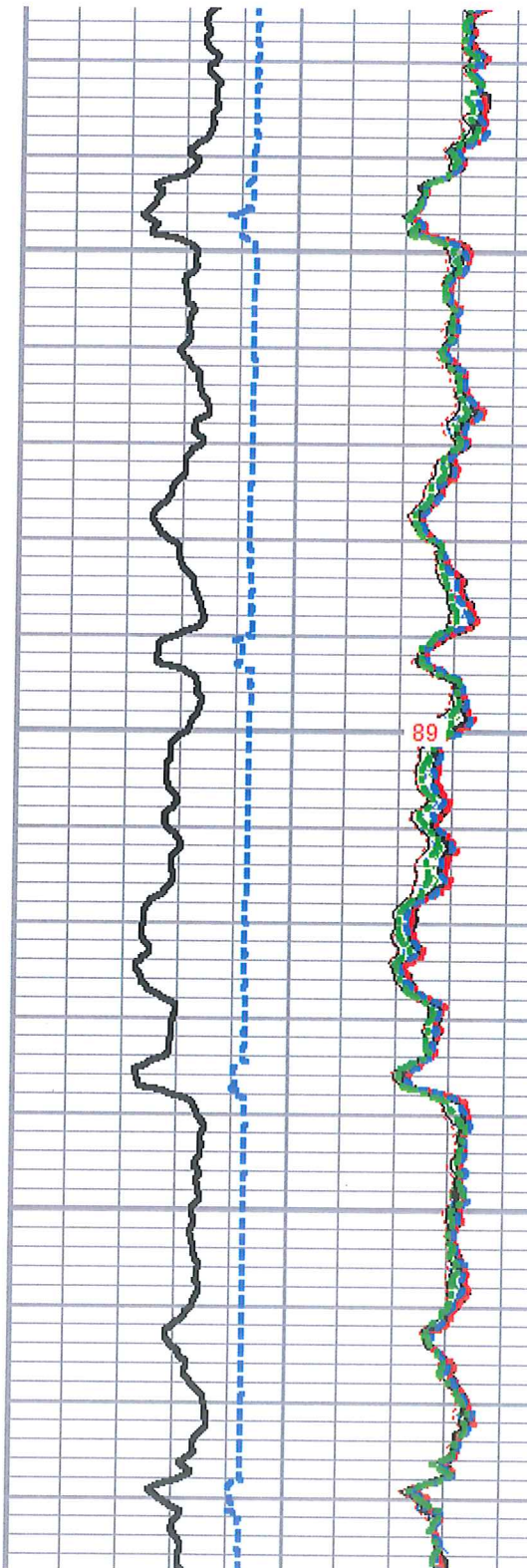




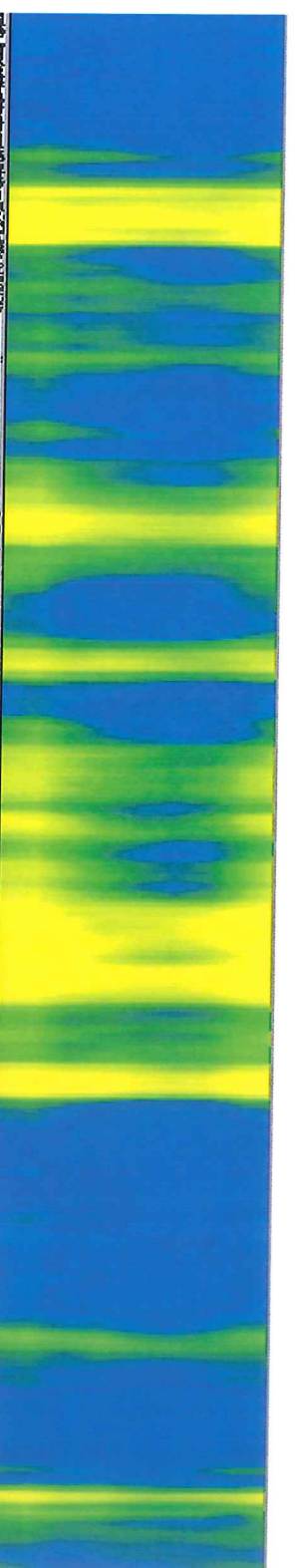
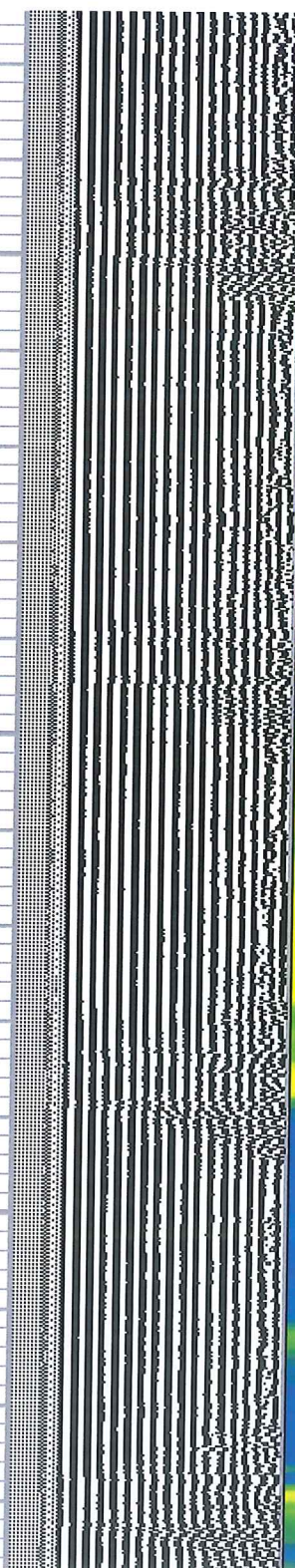
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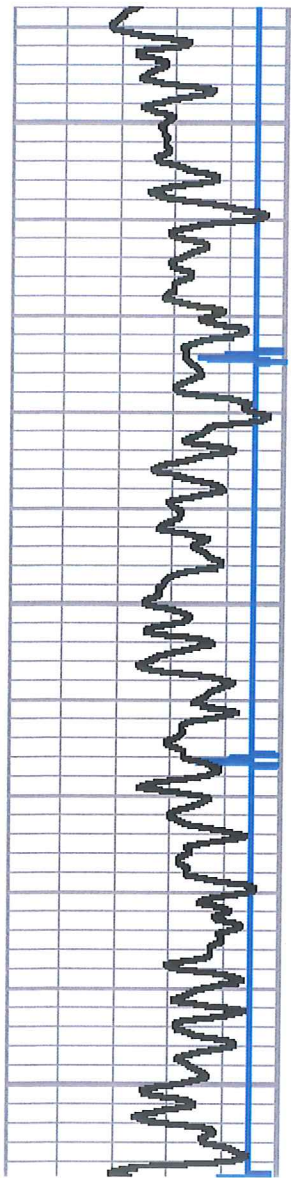
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3350



89

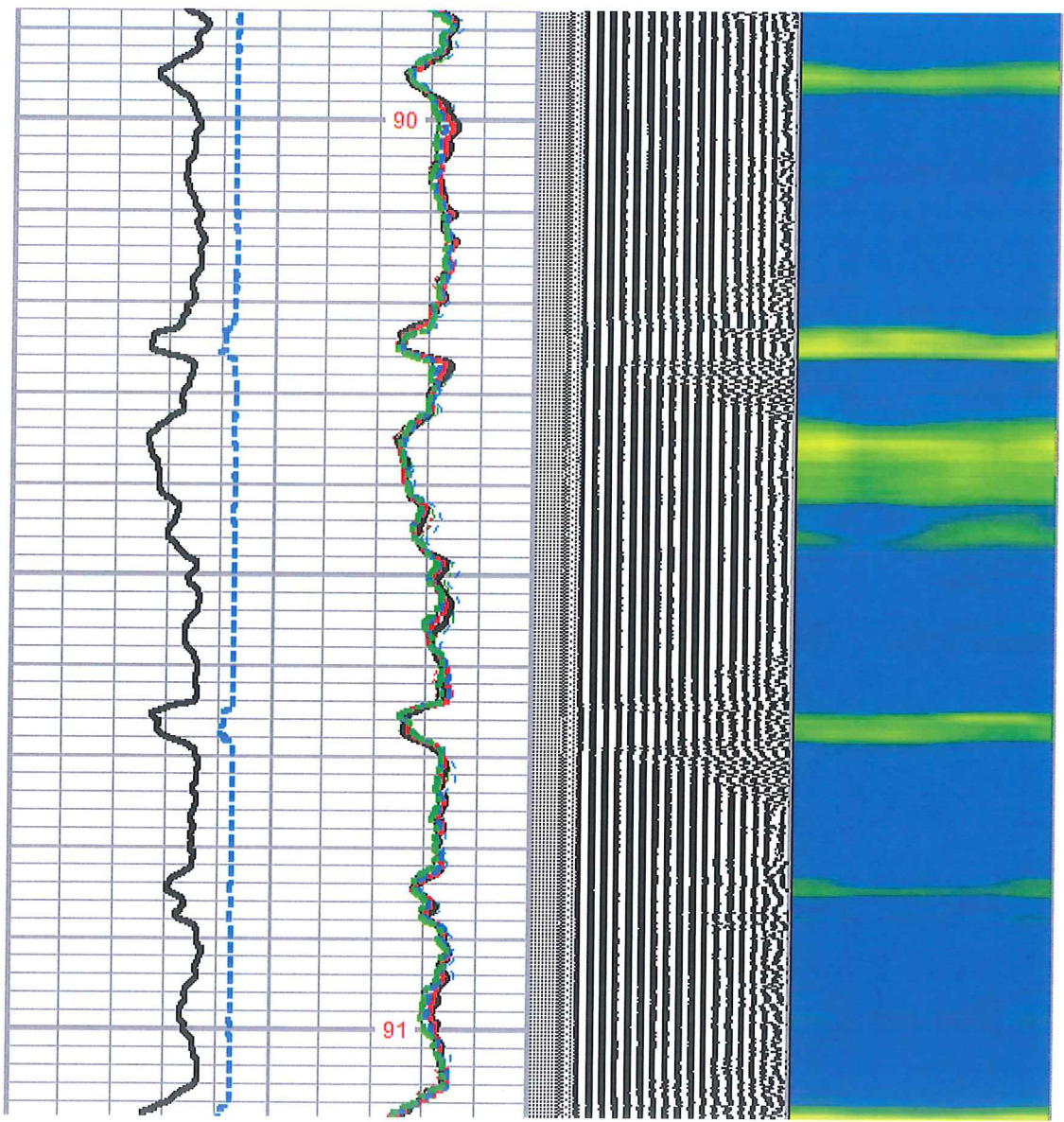


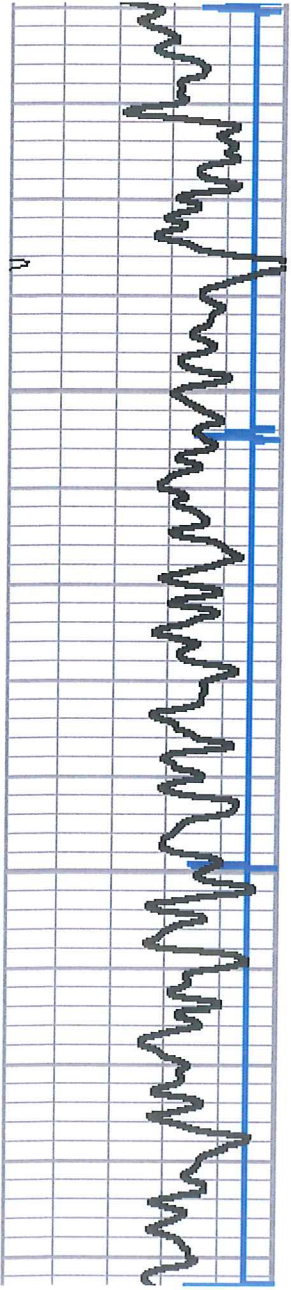


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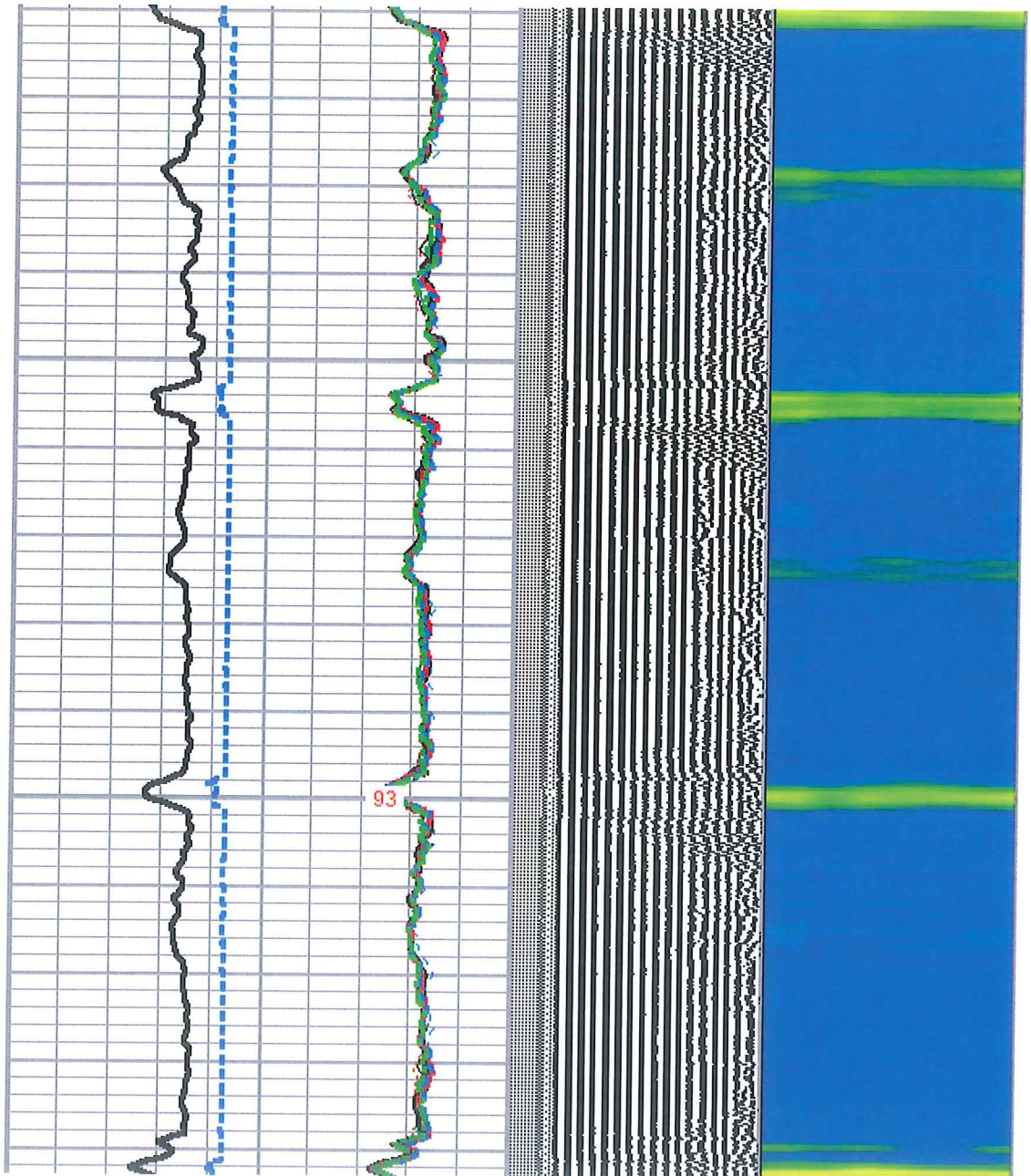
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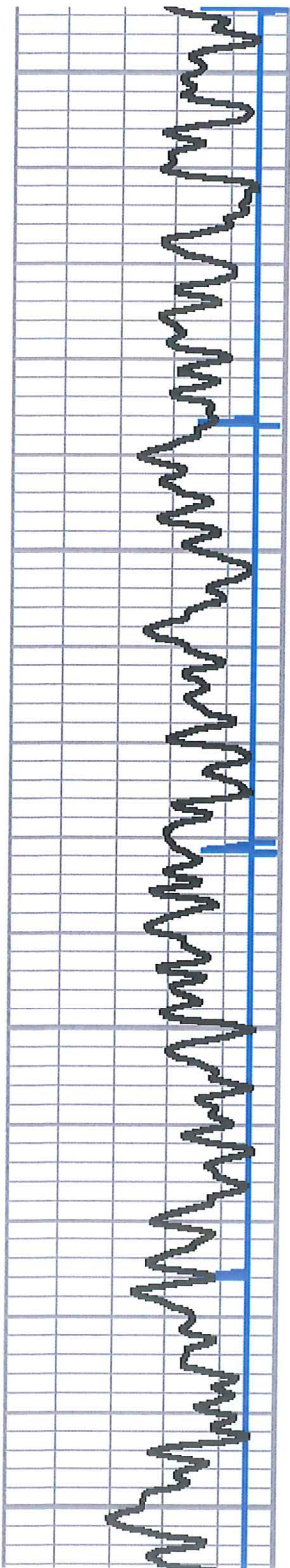


3550

3600



93

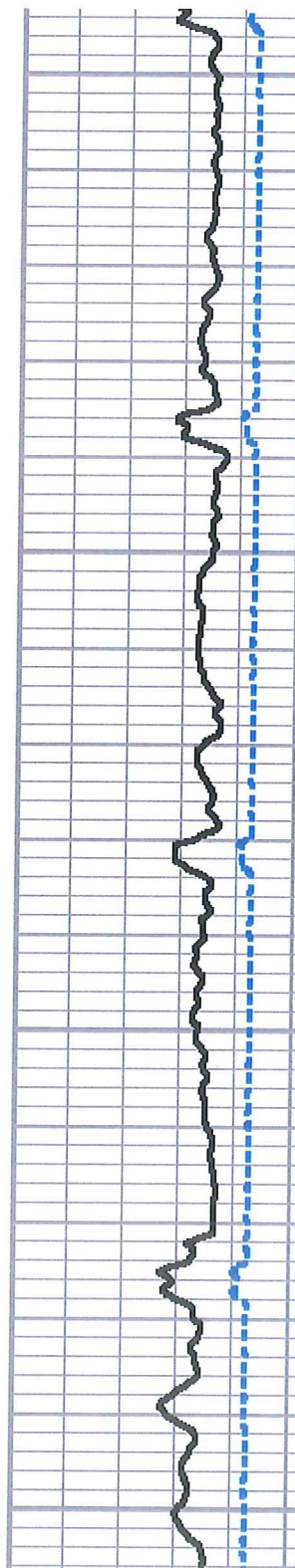


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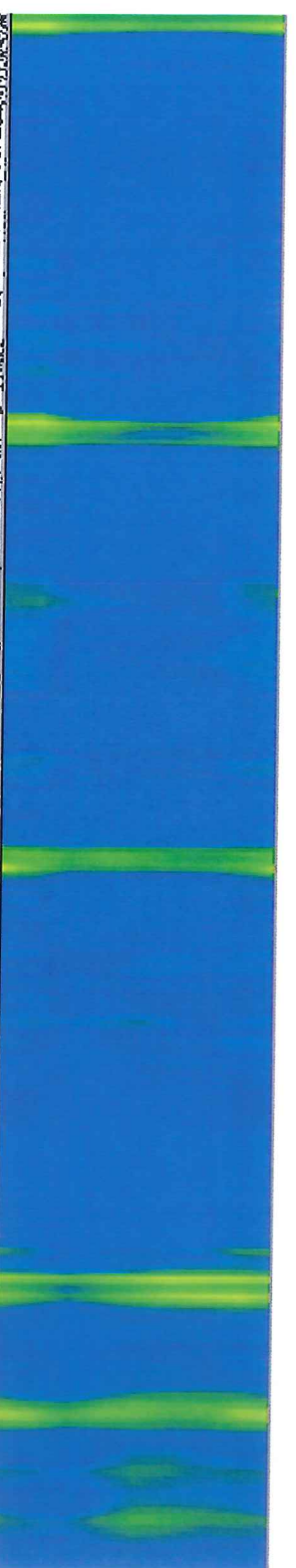
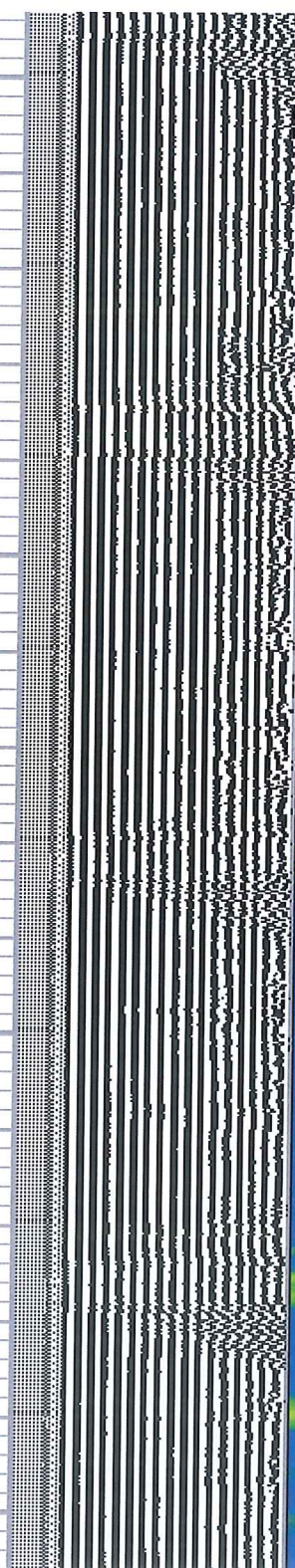
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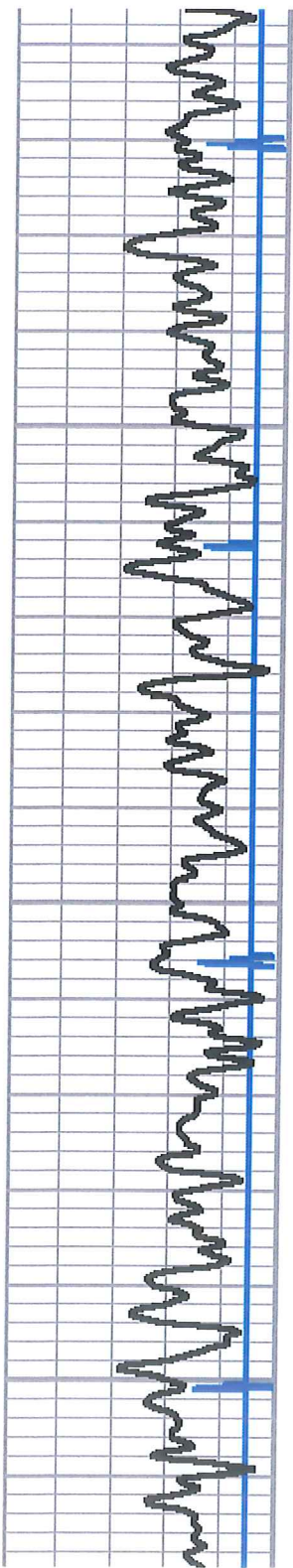
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94

95

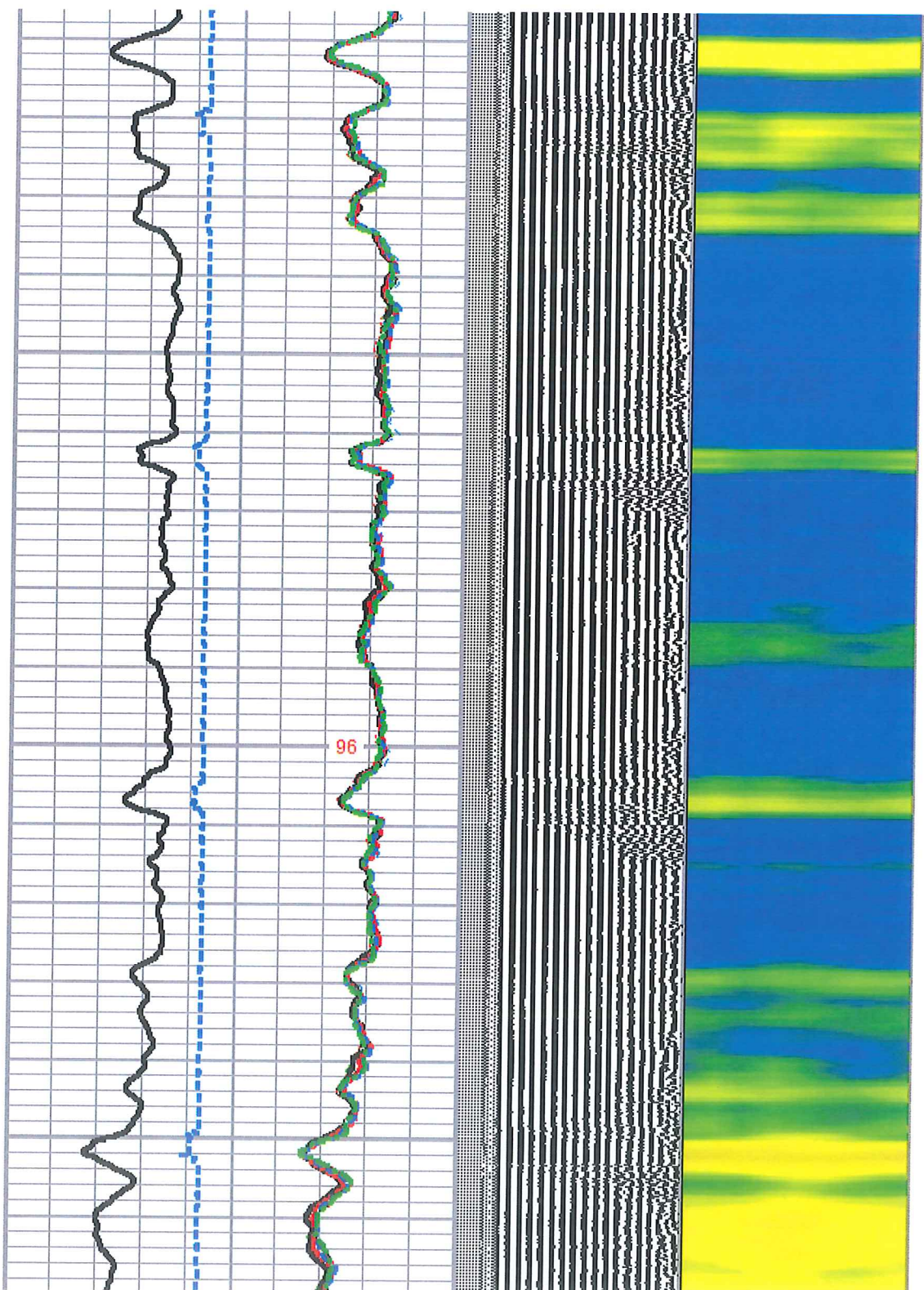


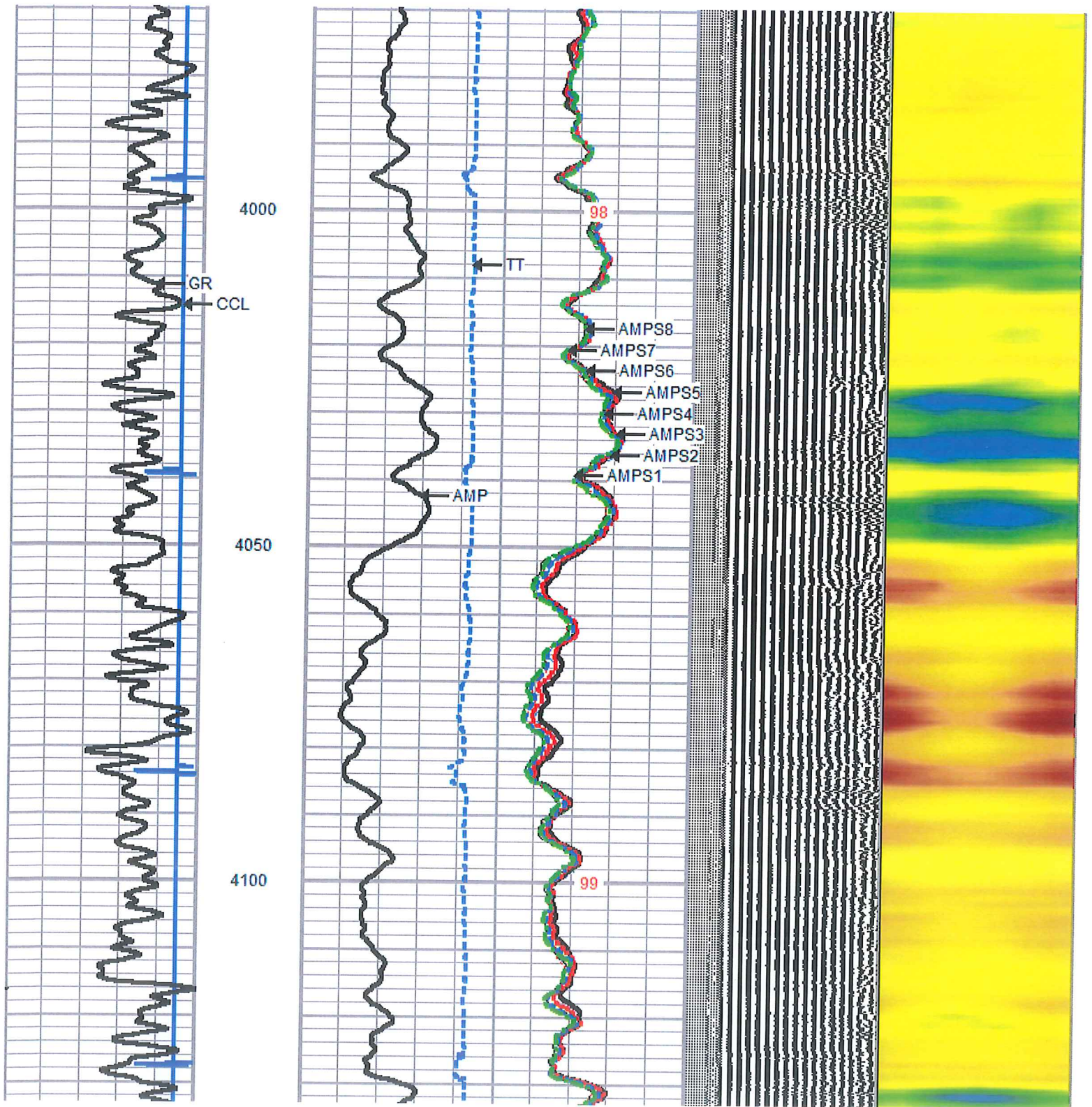


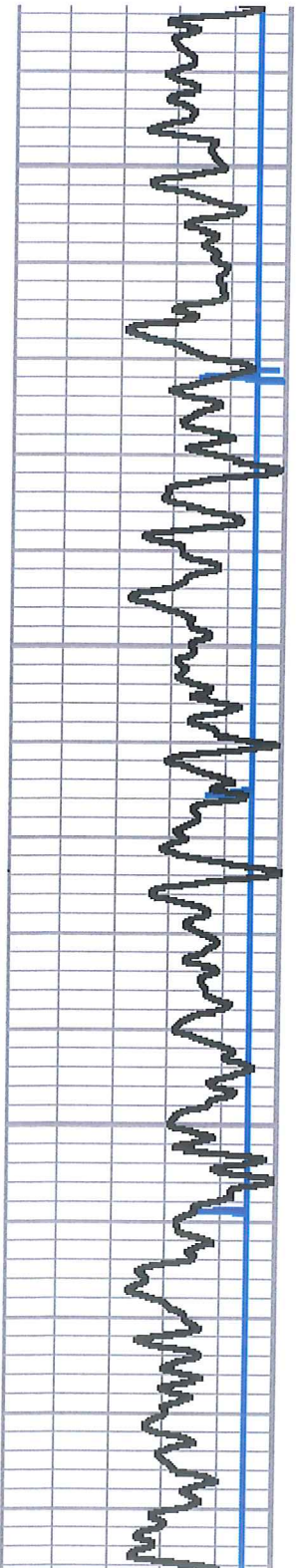
3850

3900

3950



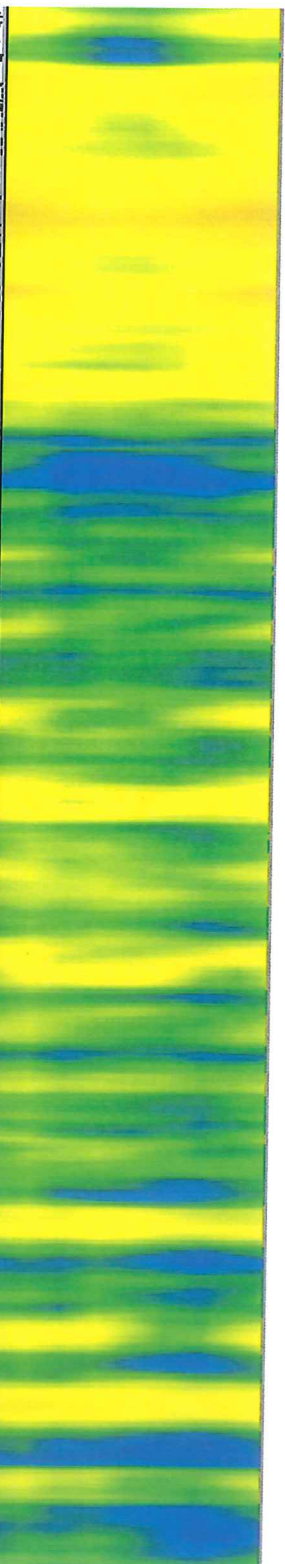
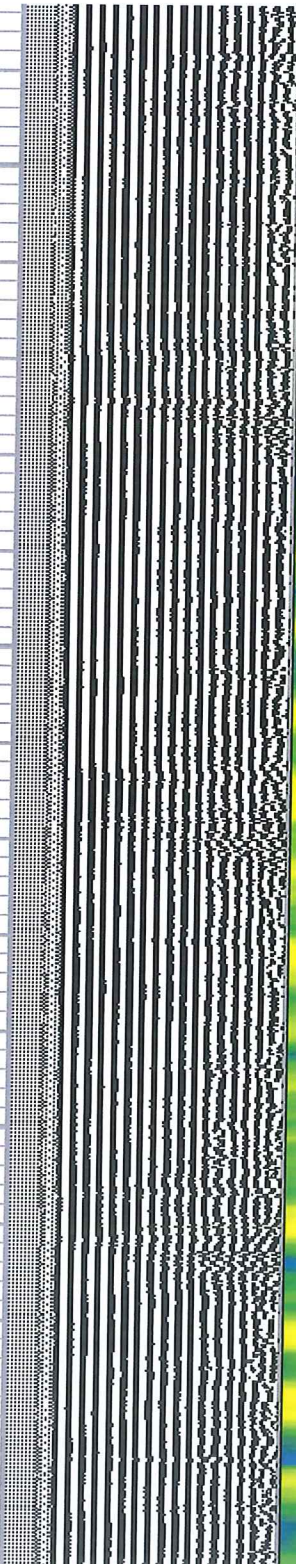
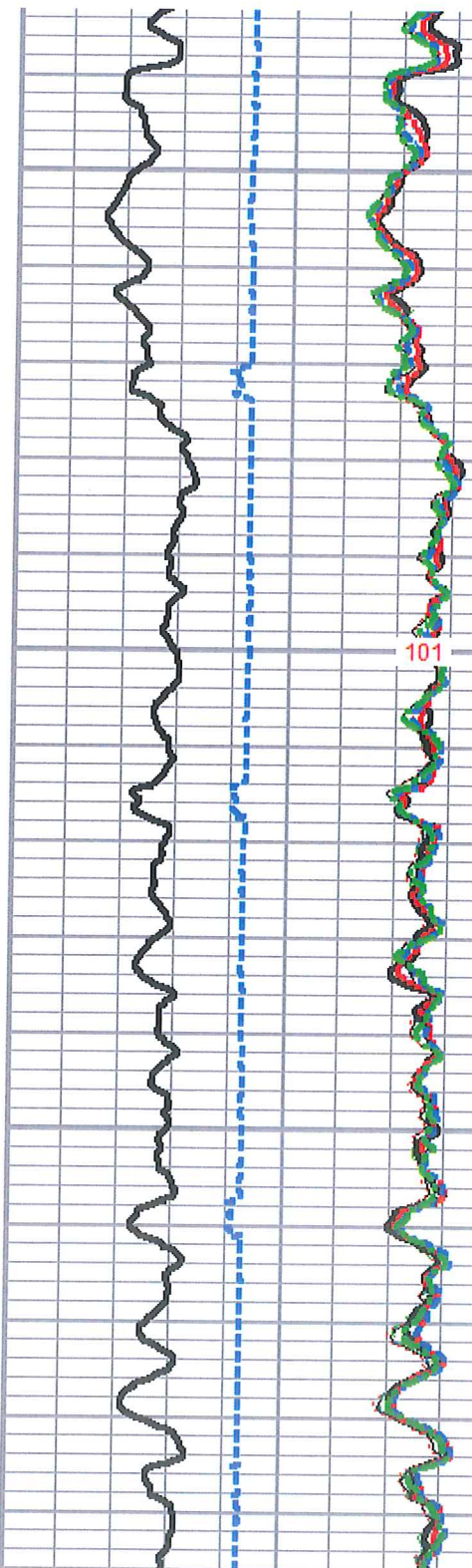


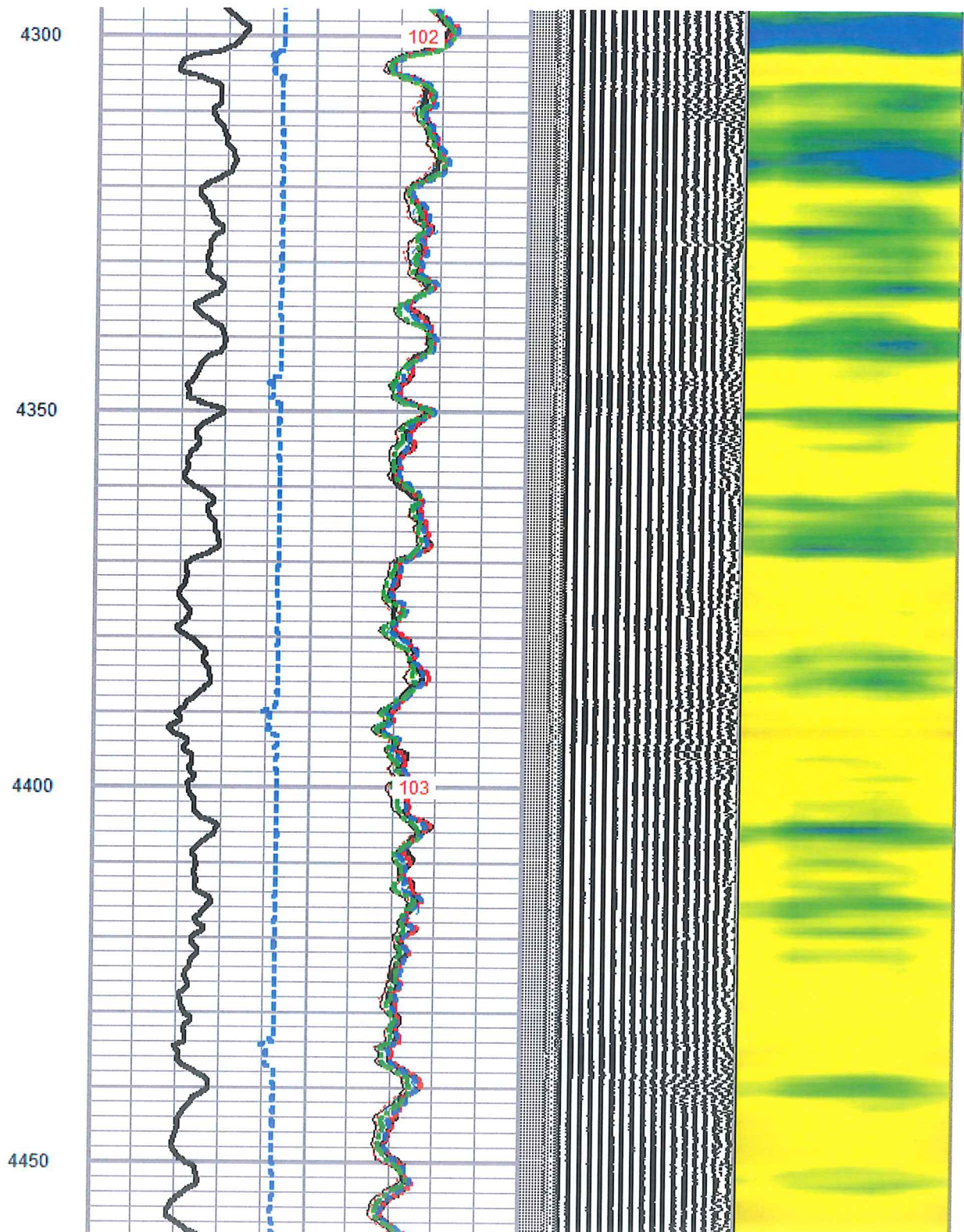
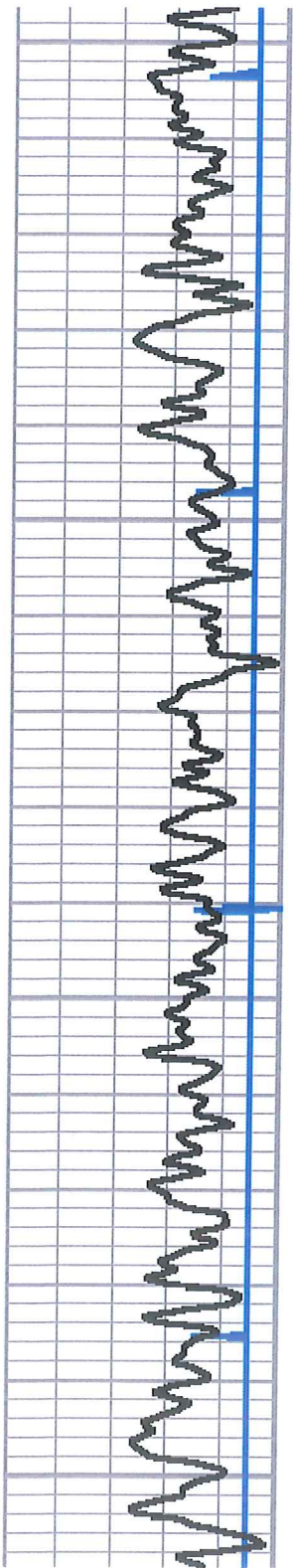


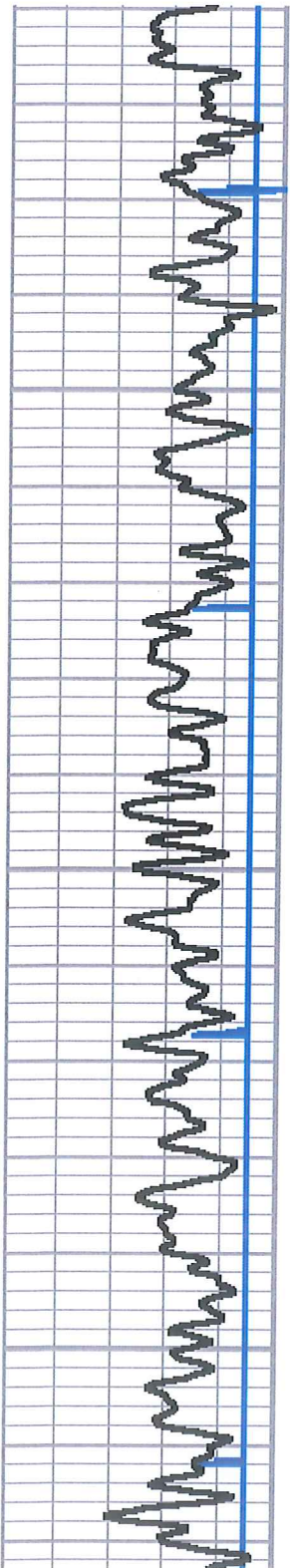
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4200

4250



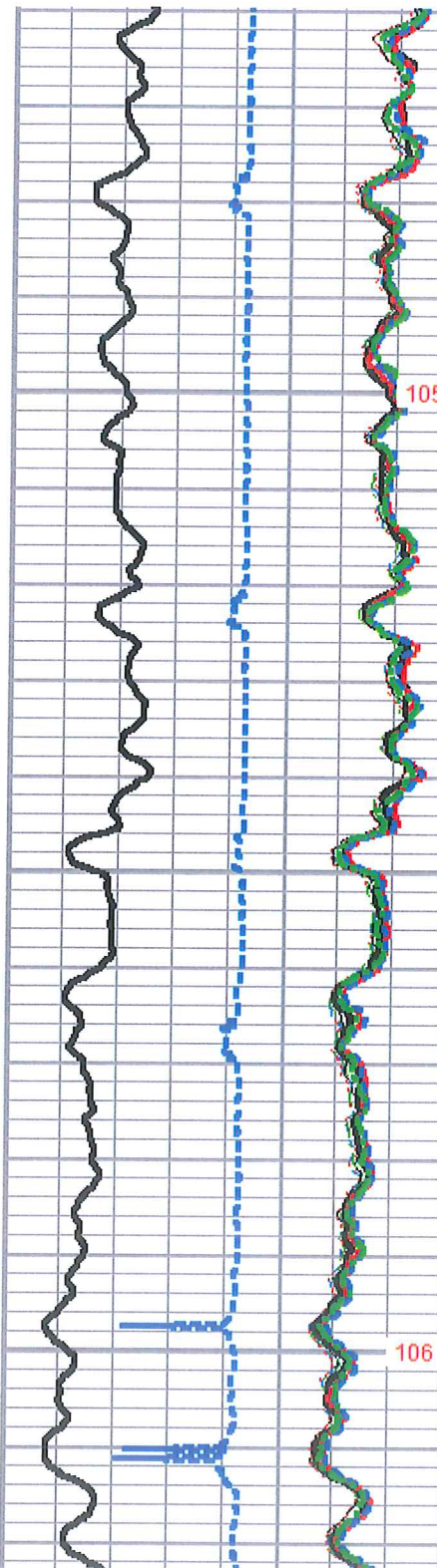




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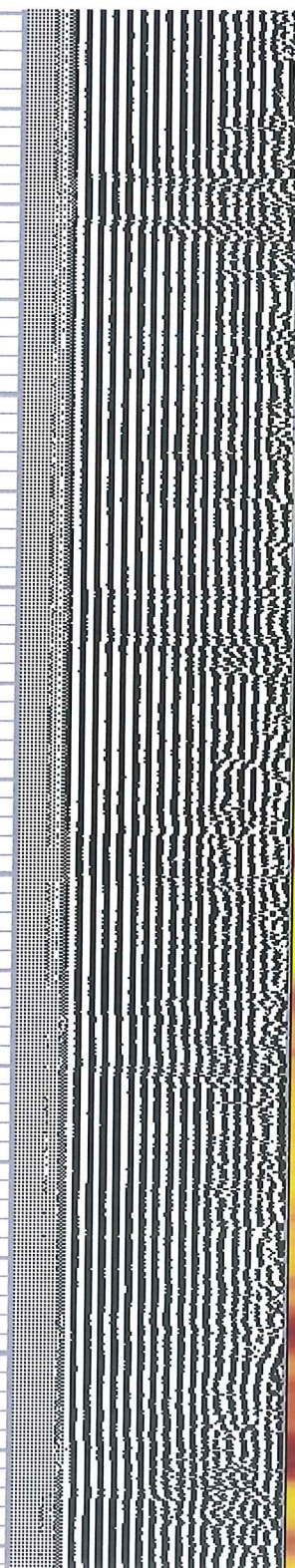
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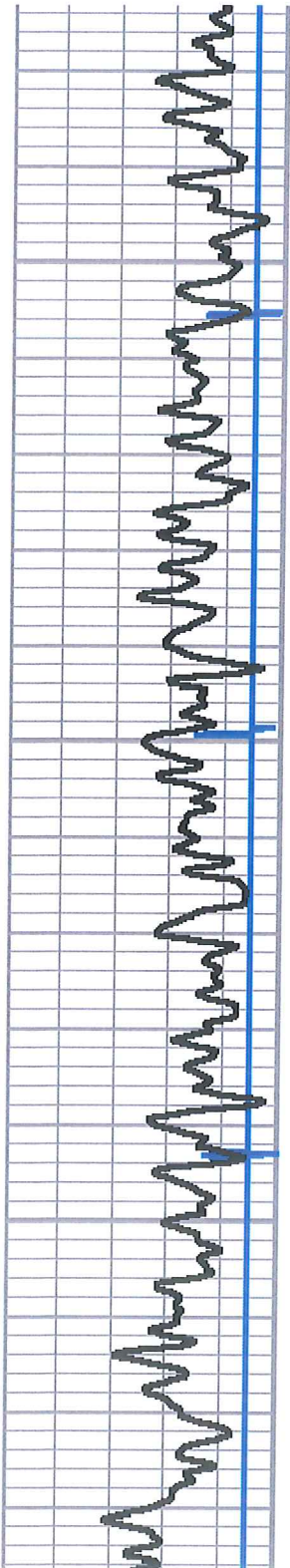
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105

106

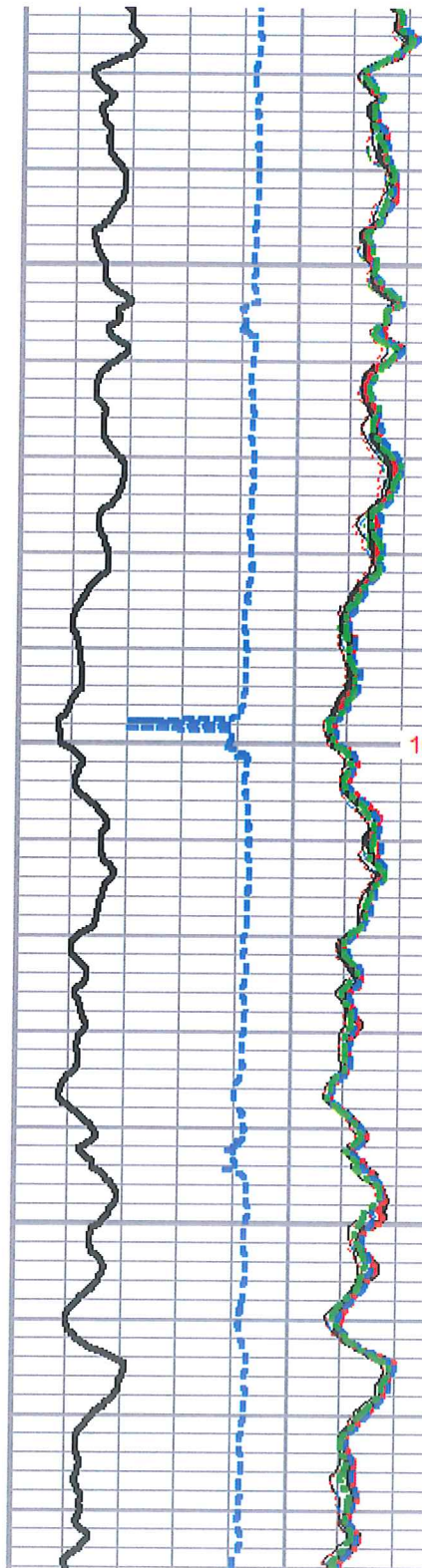




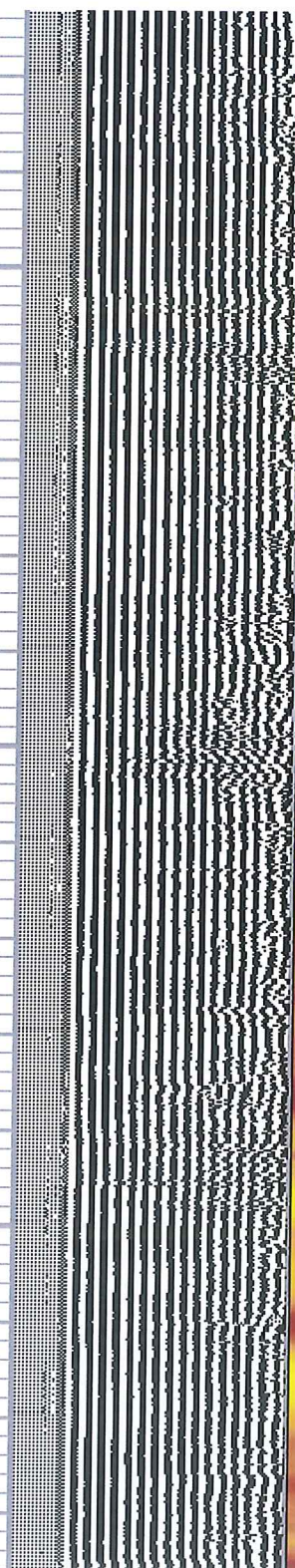
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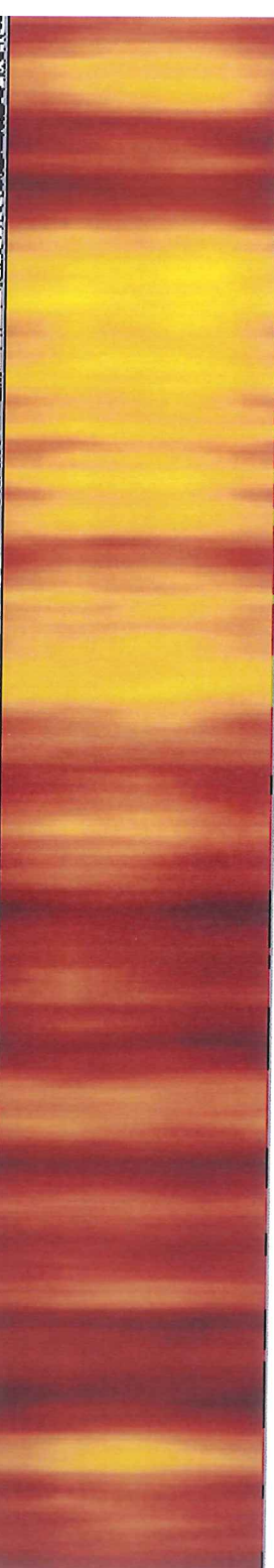
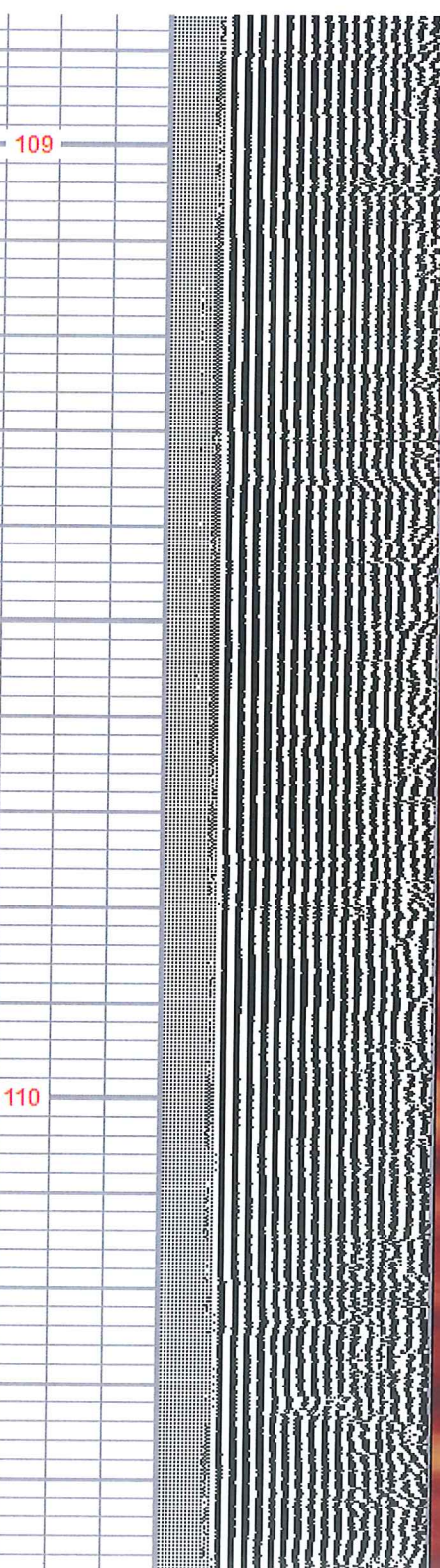
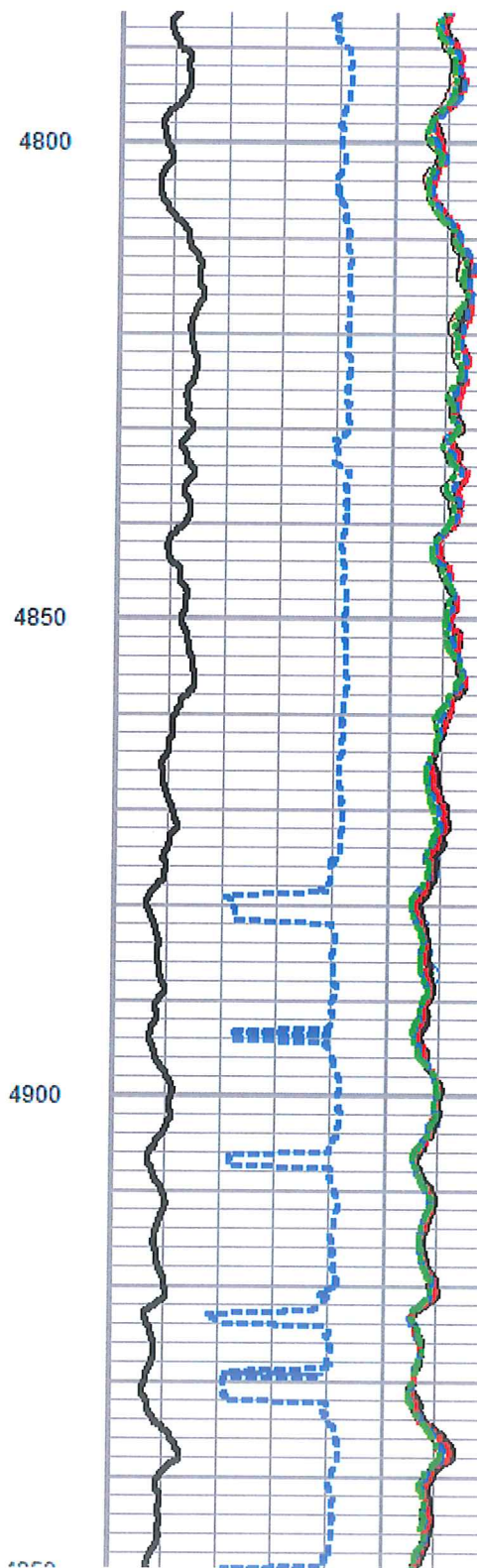
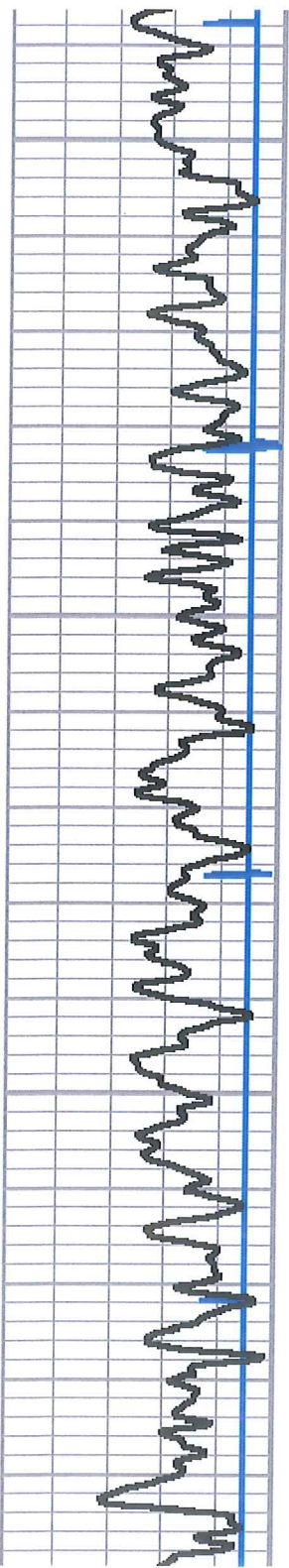
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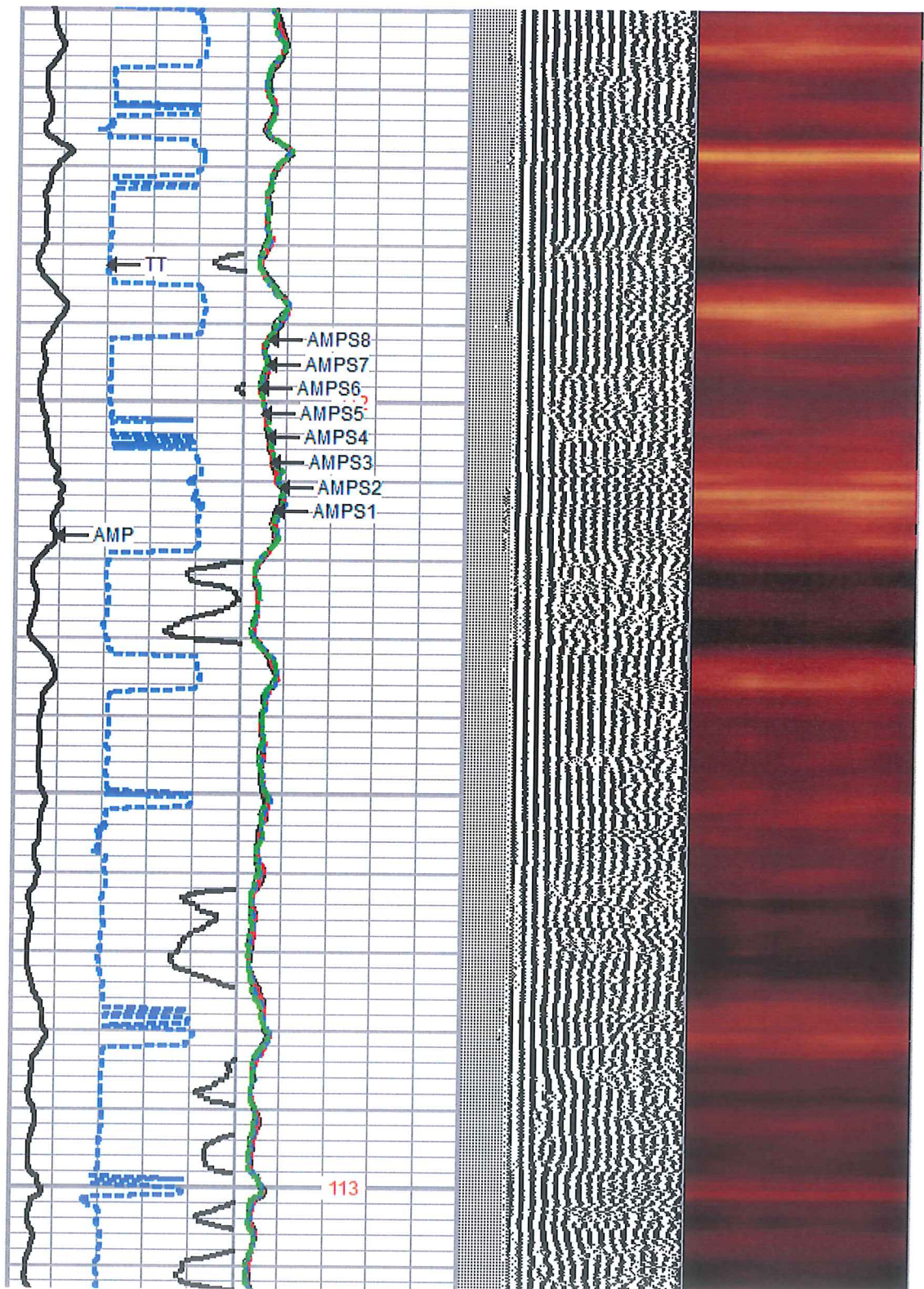
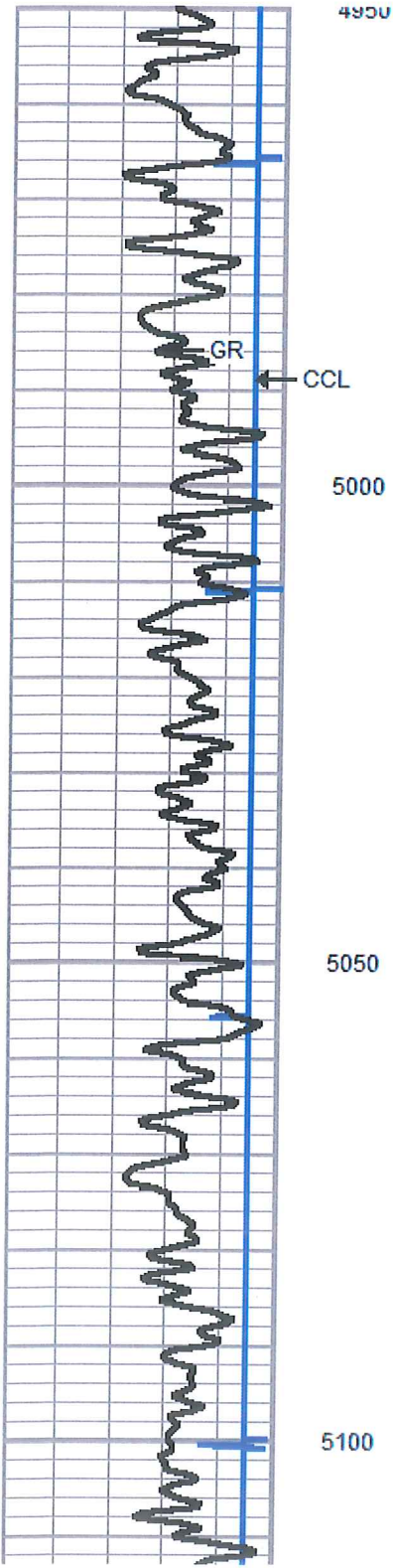
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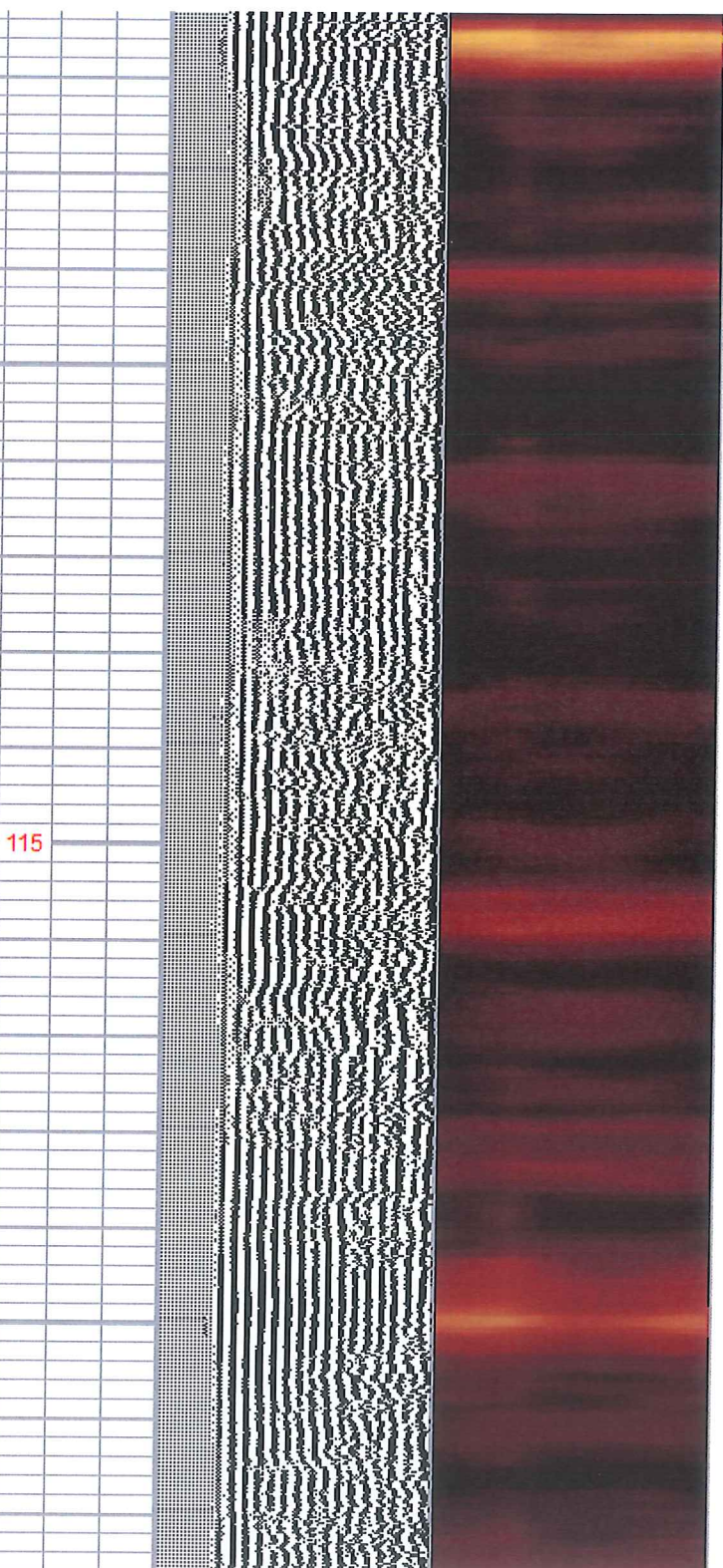
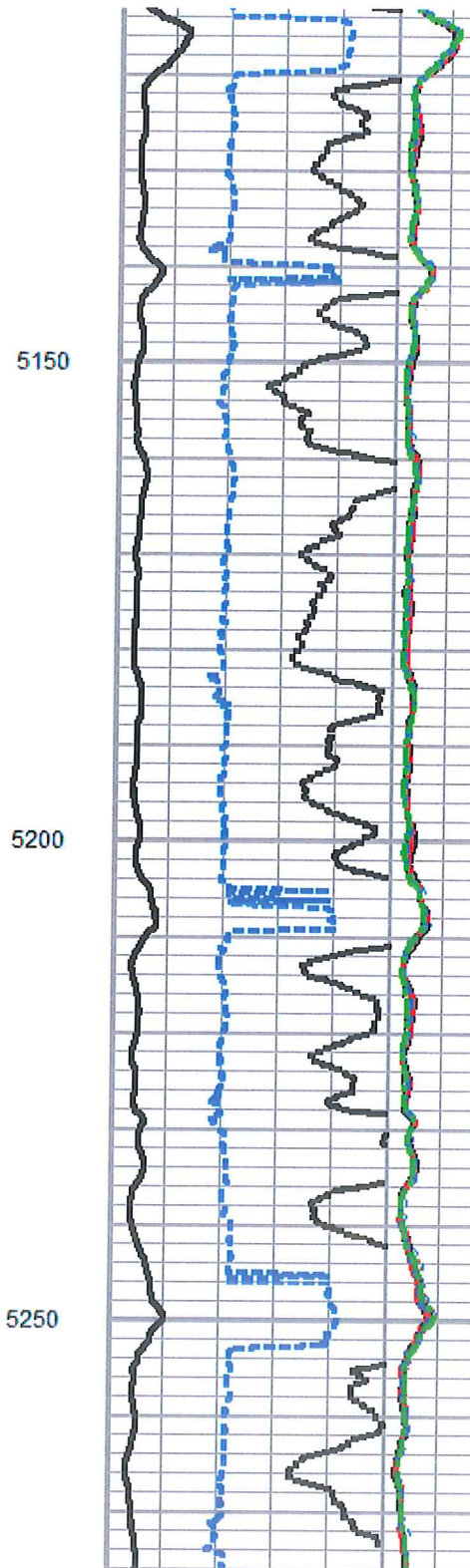
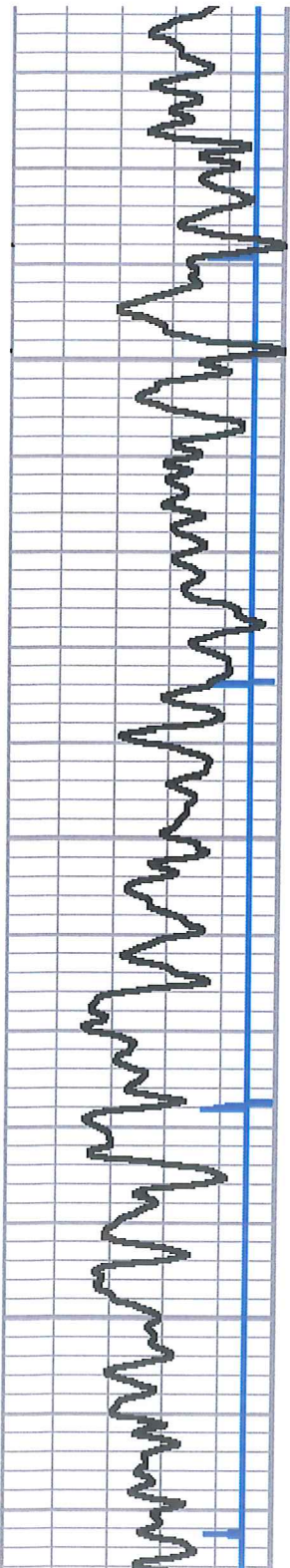


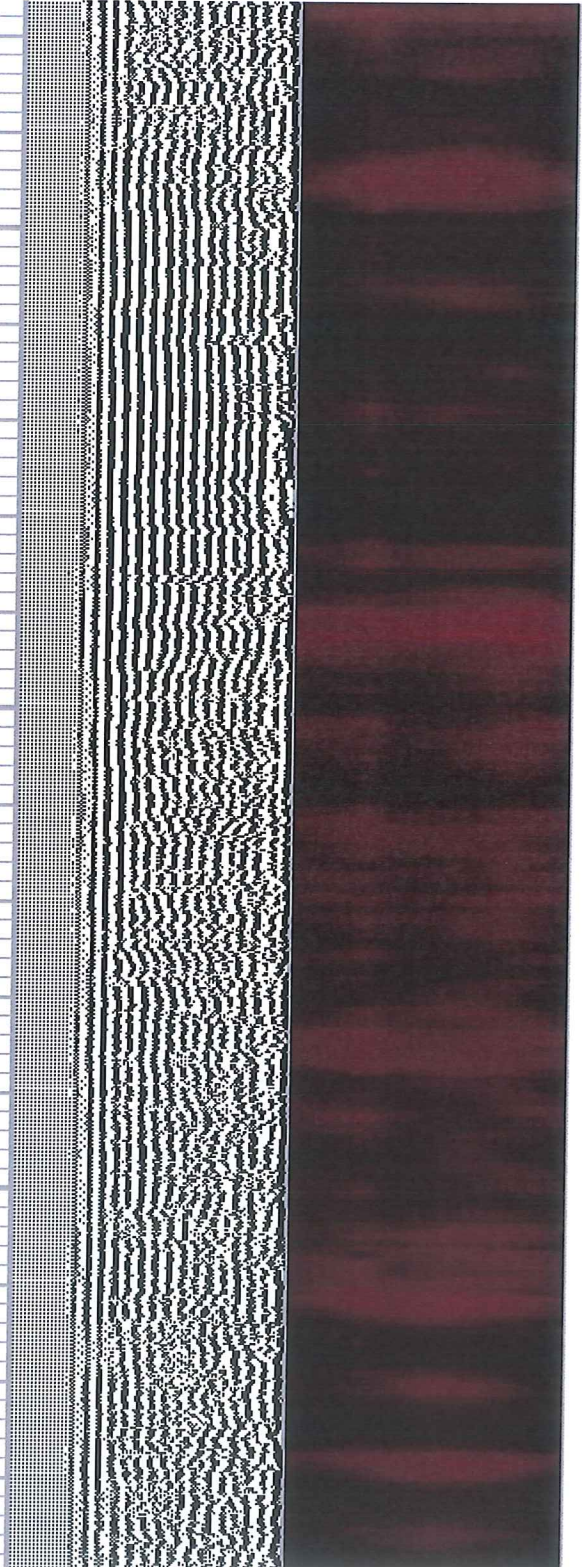
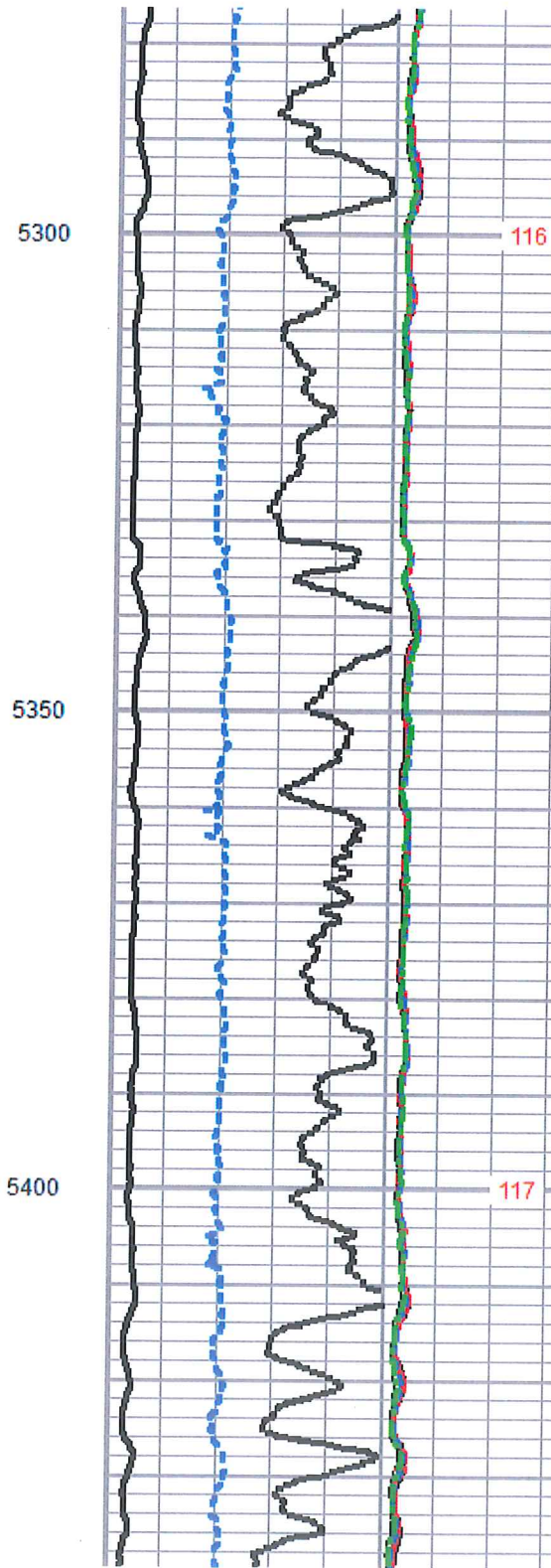
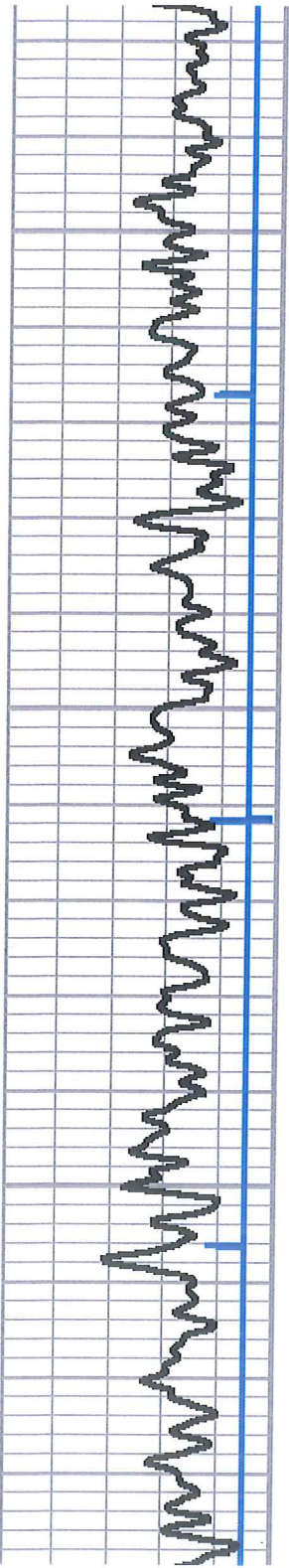
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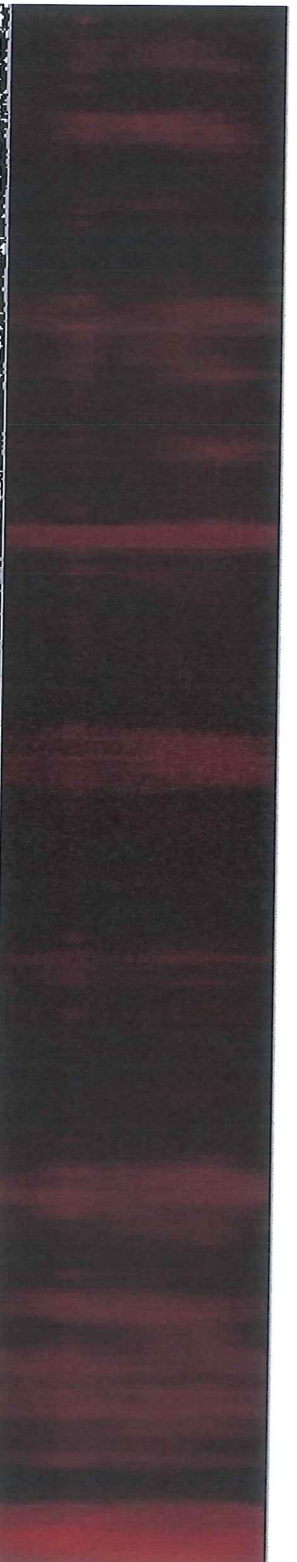
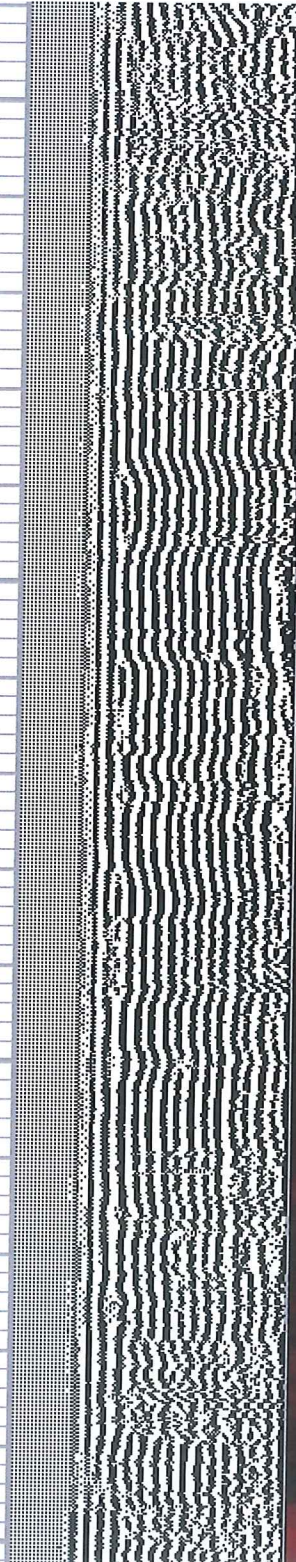
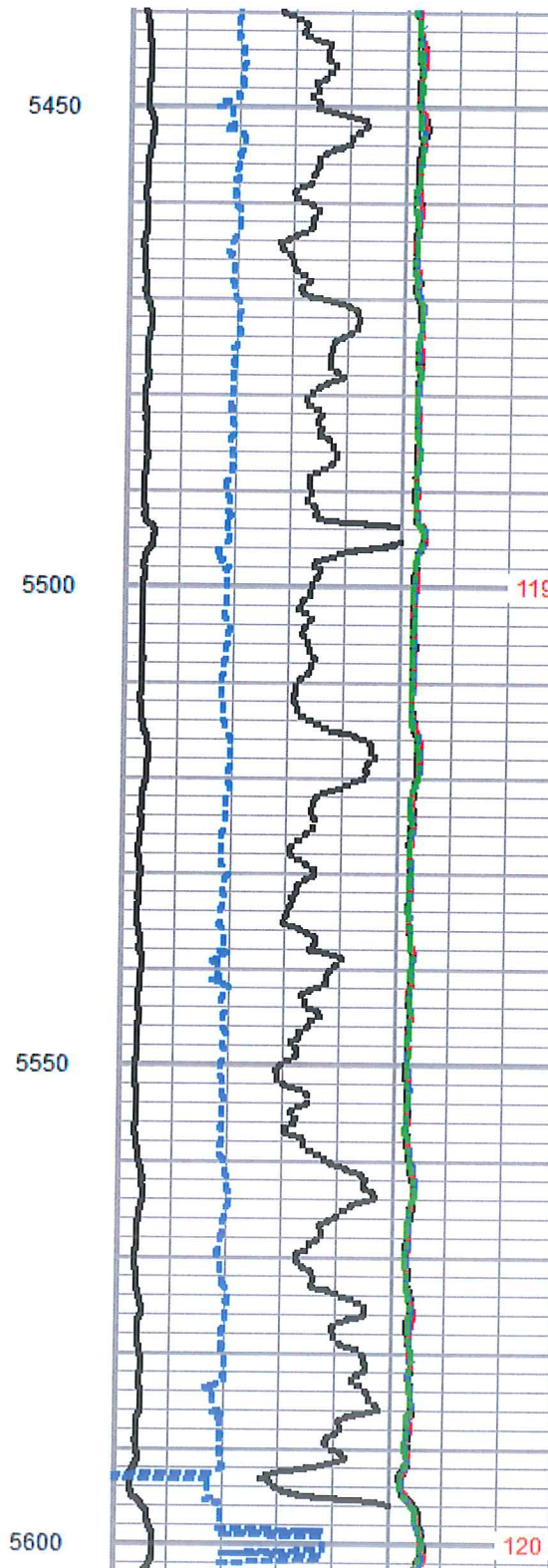
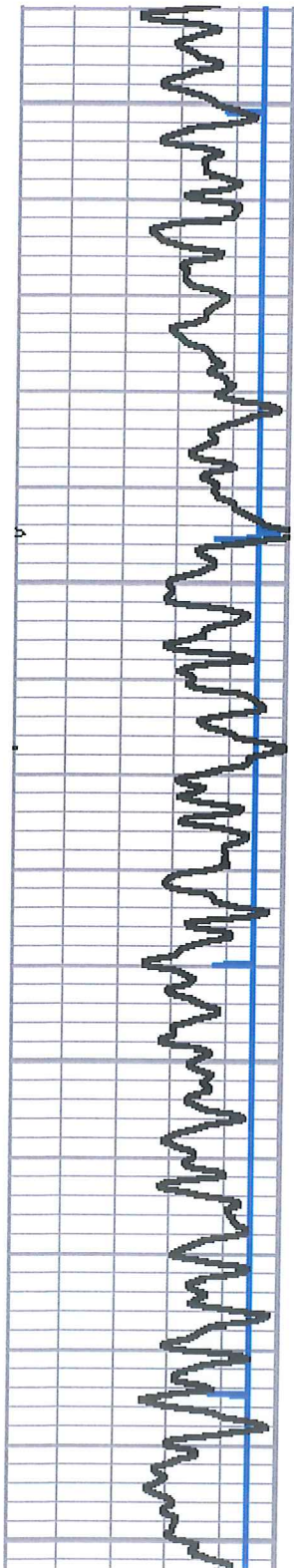


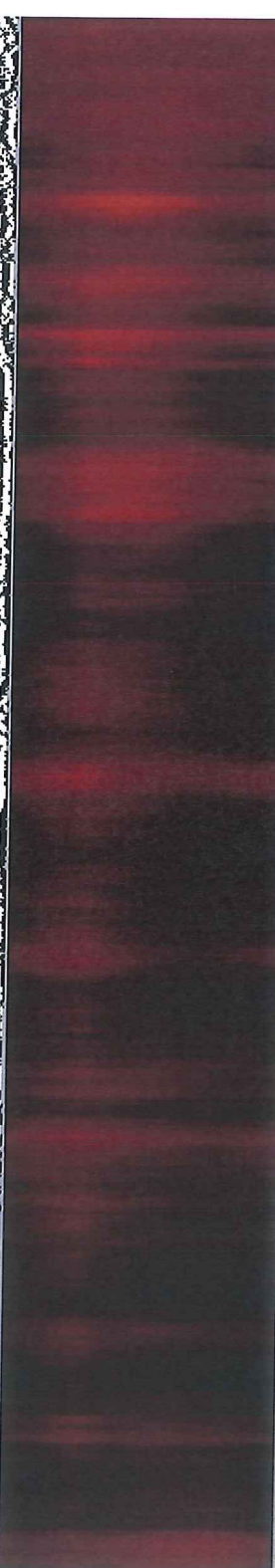
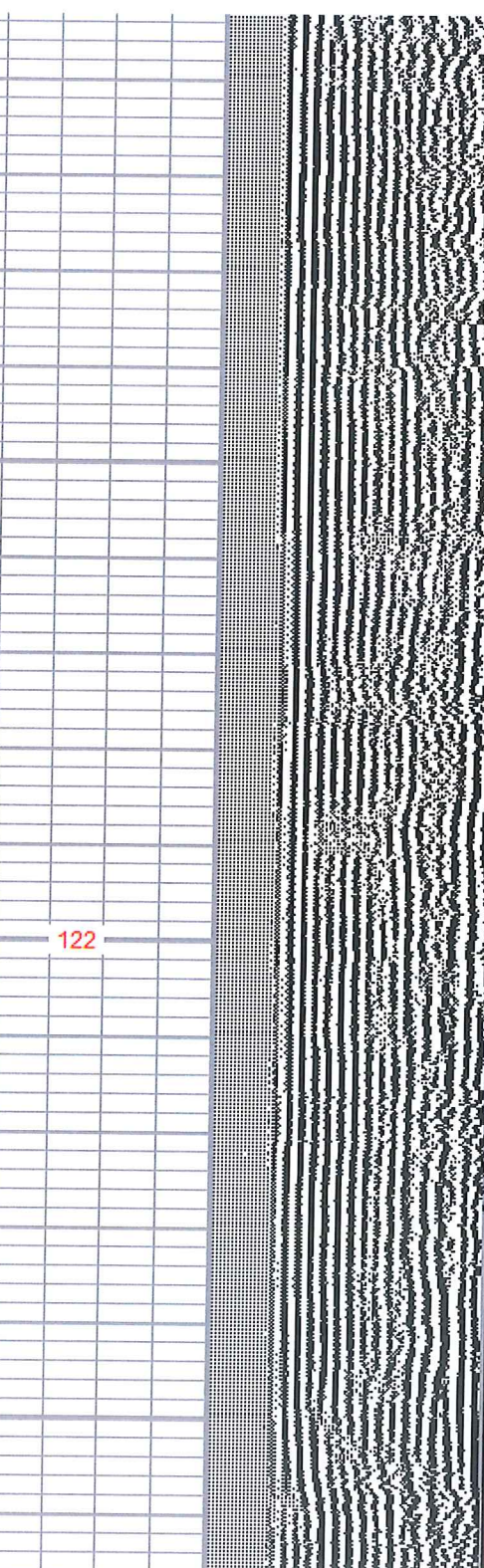
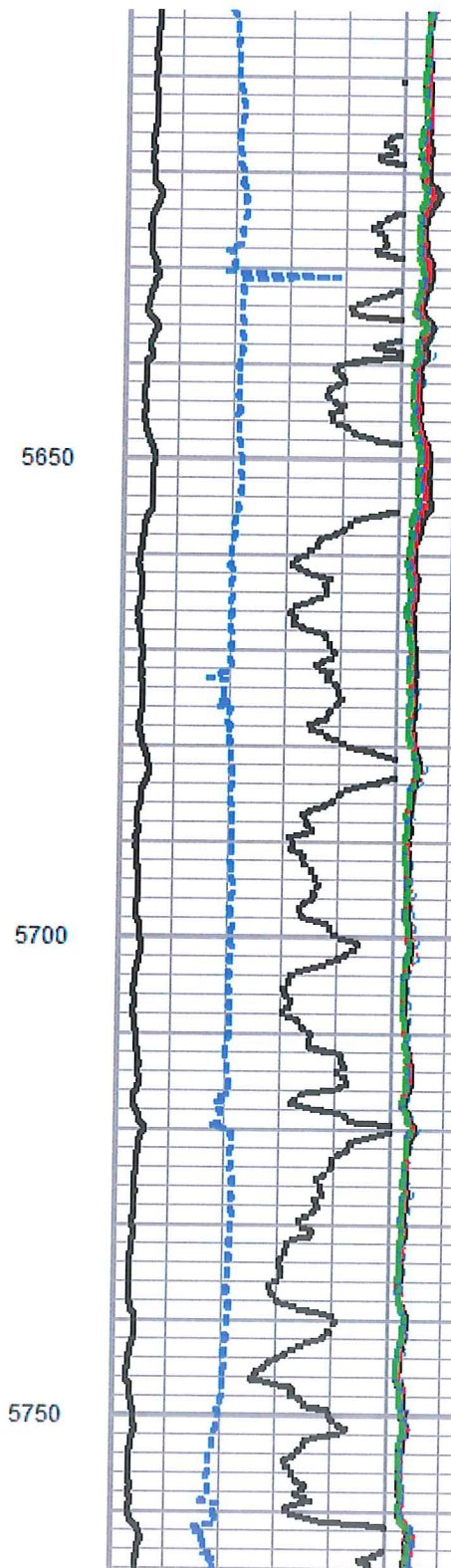
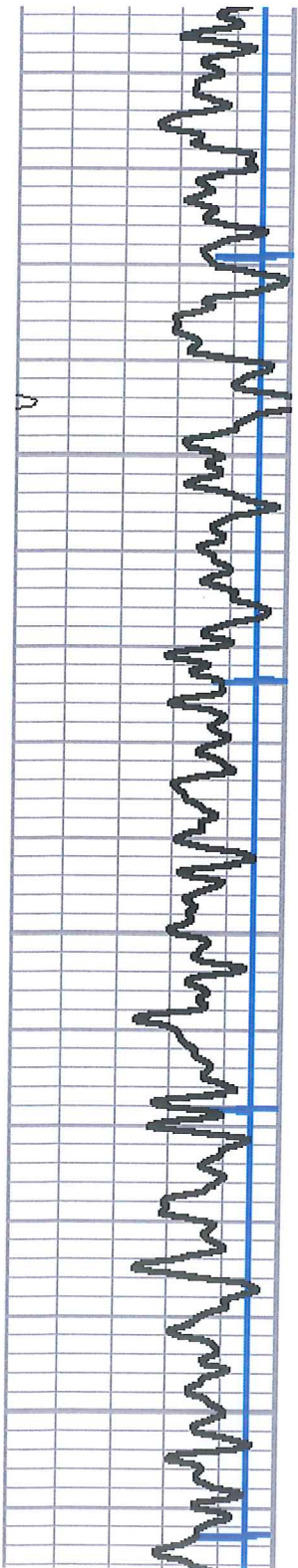


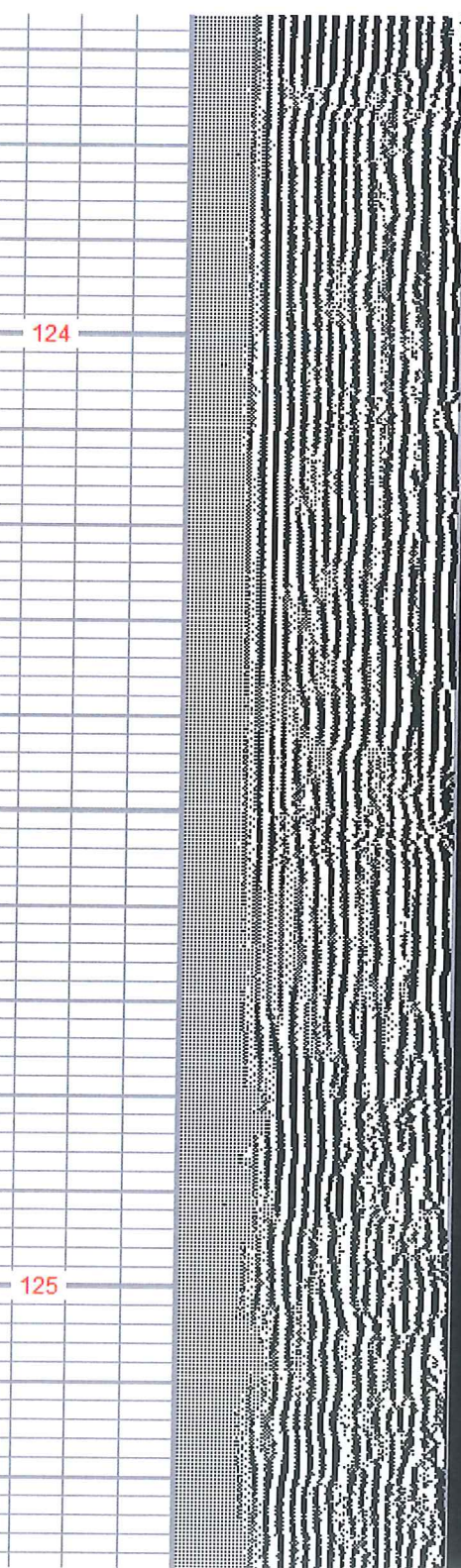
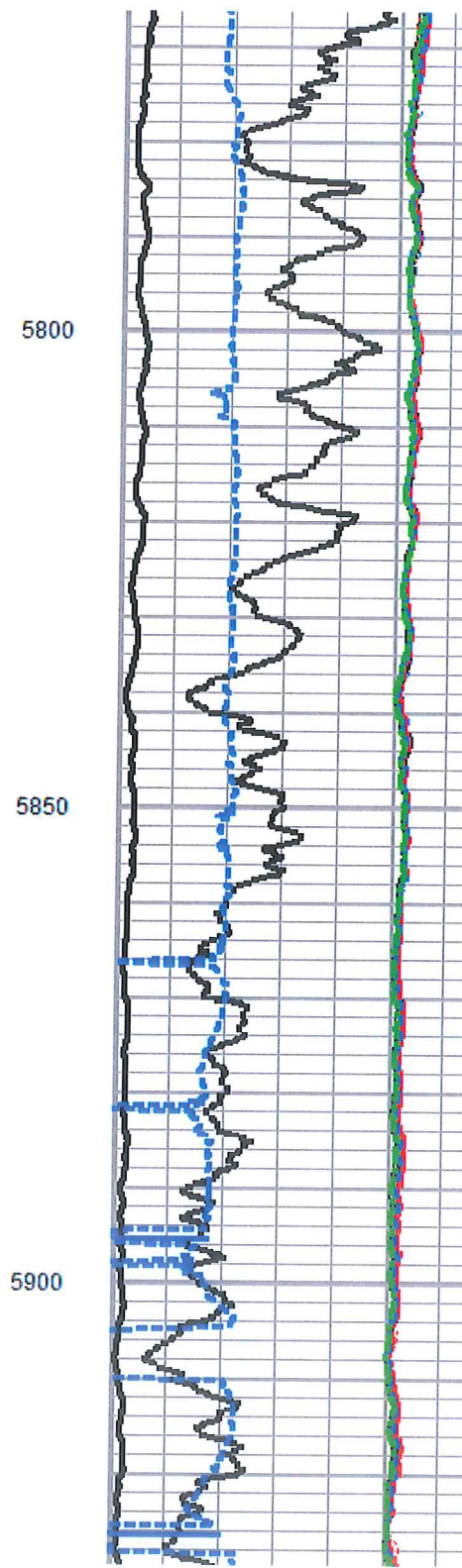
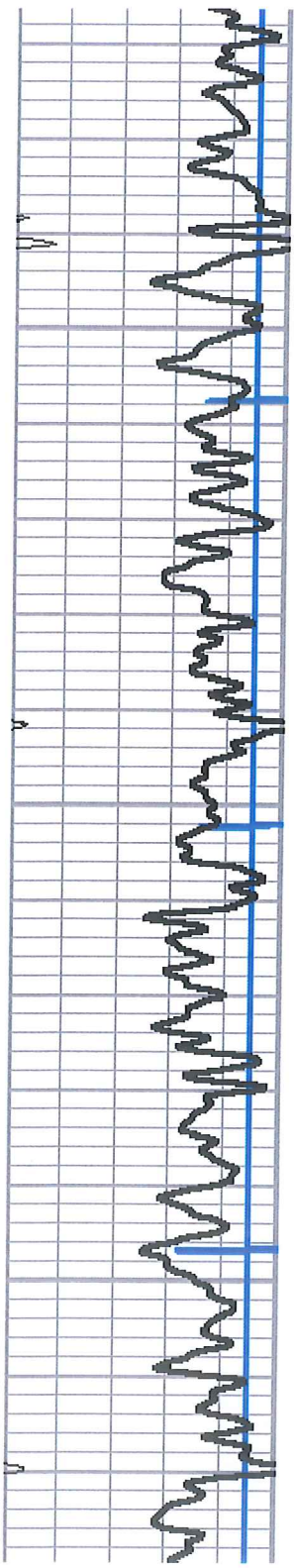












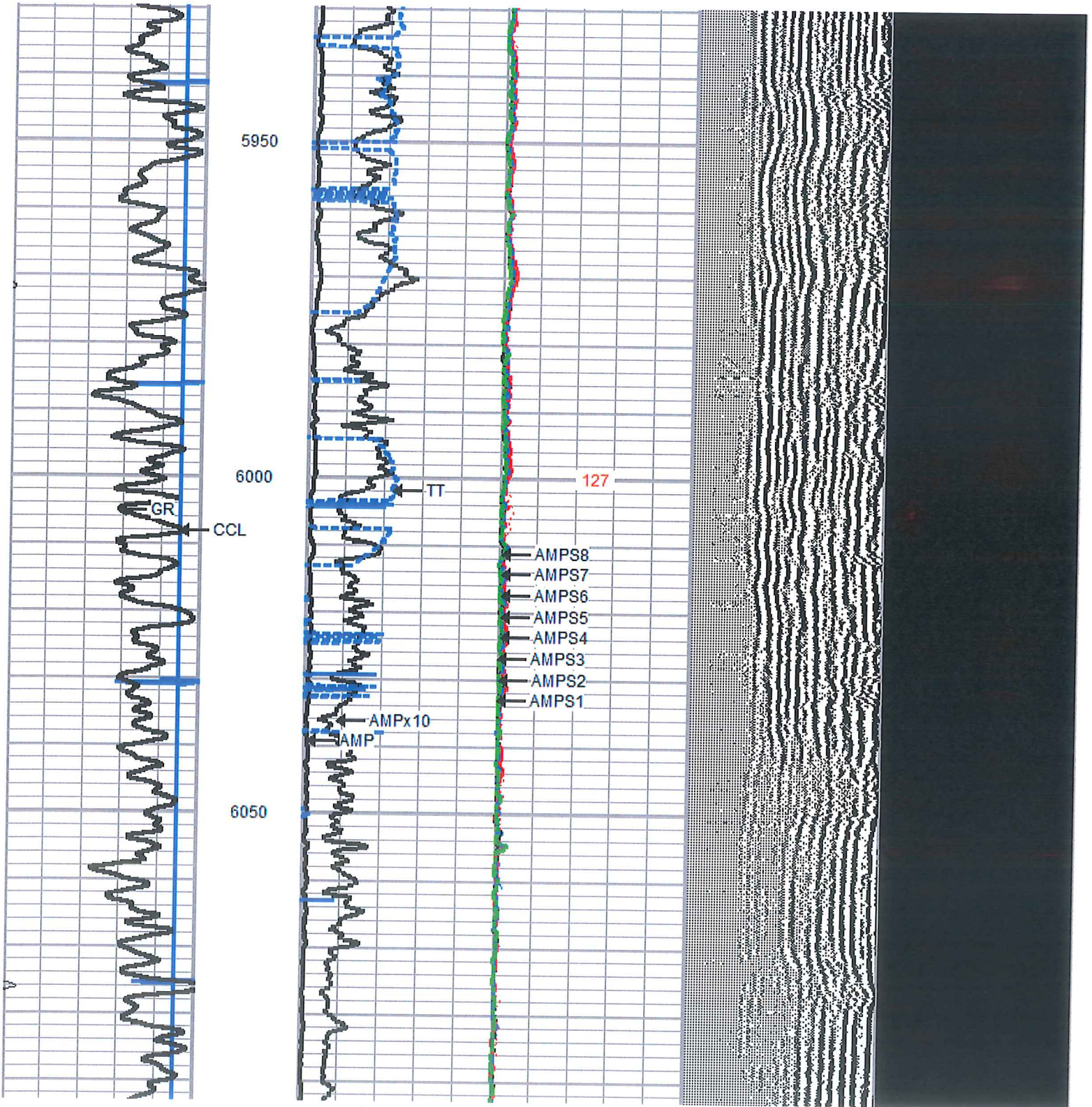
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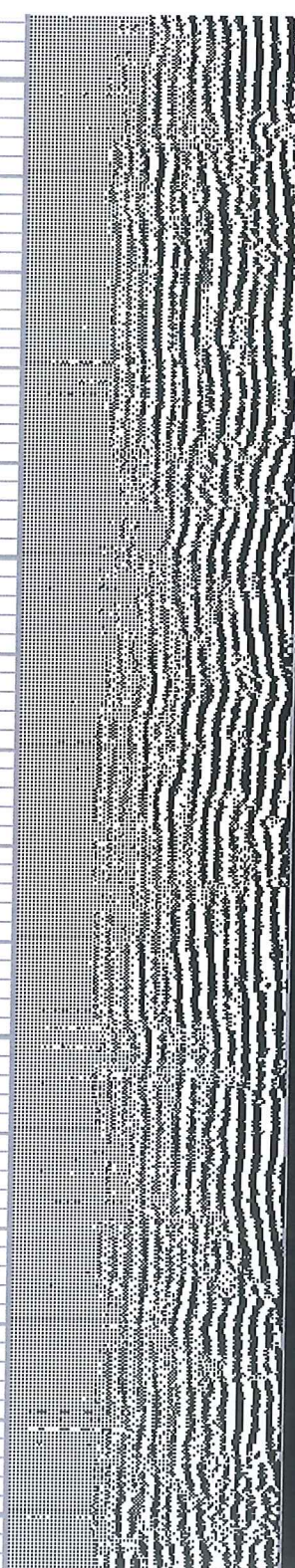
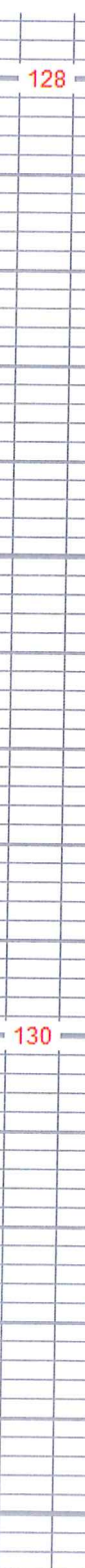
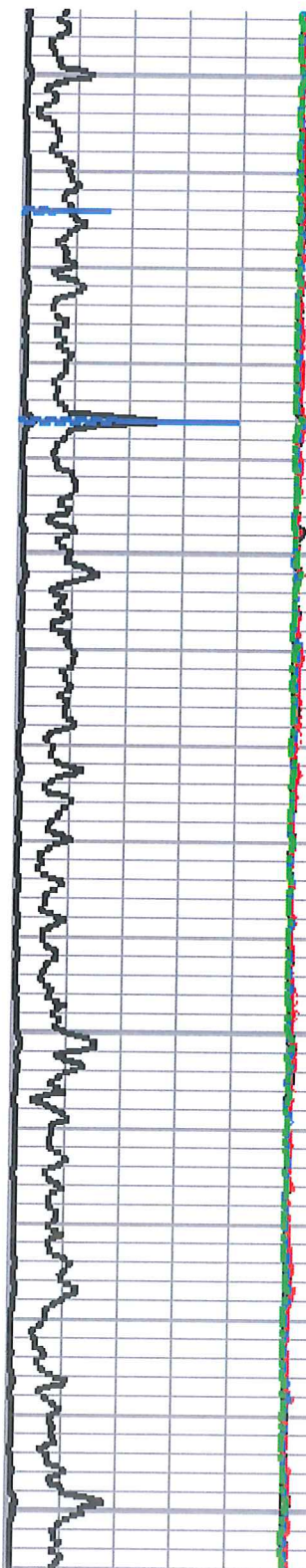
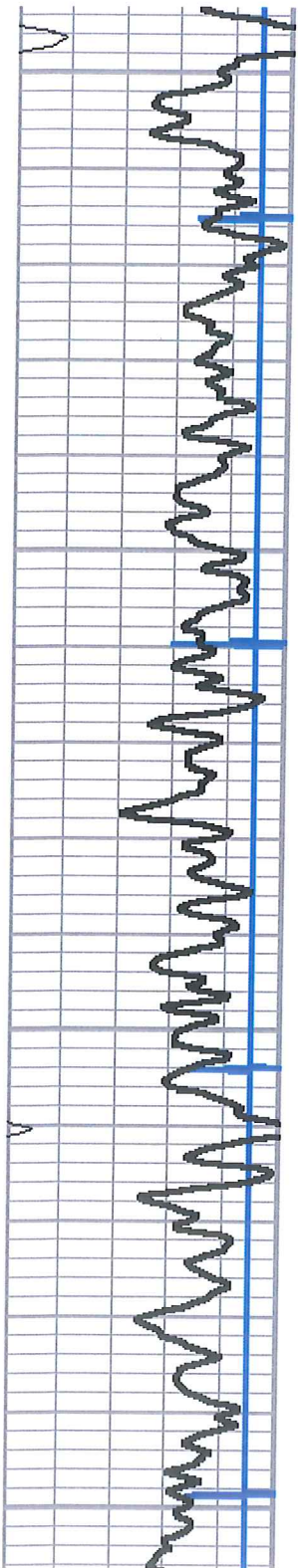
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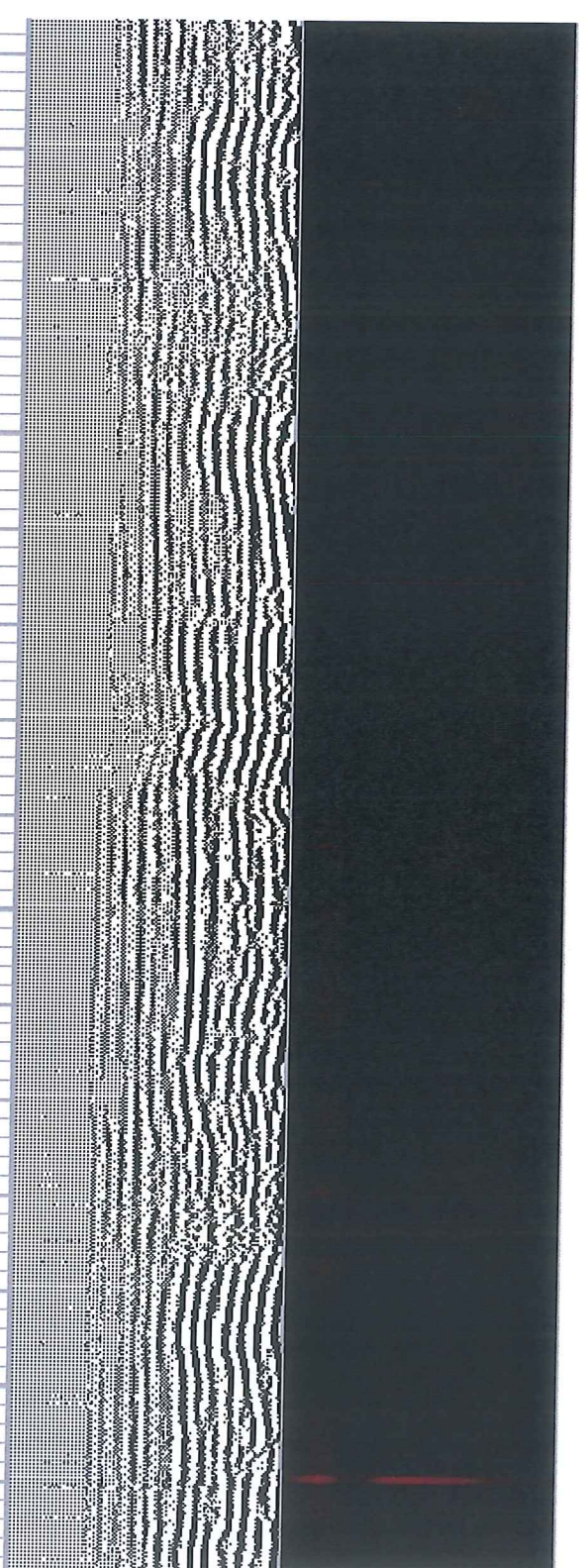
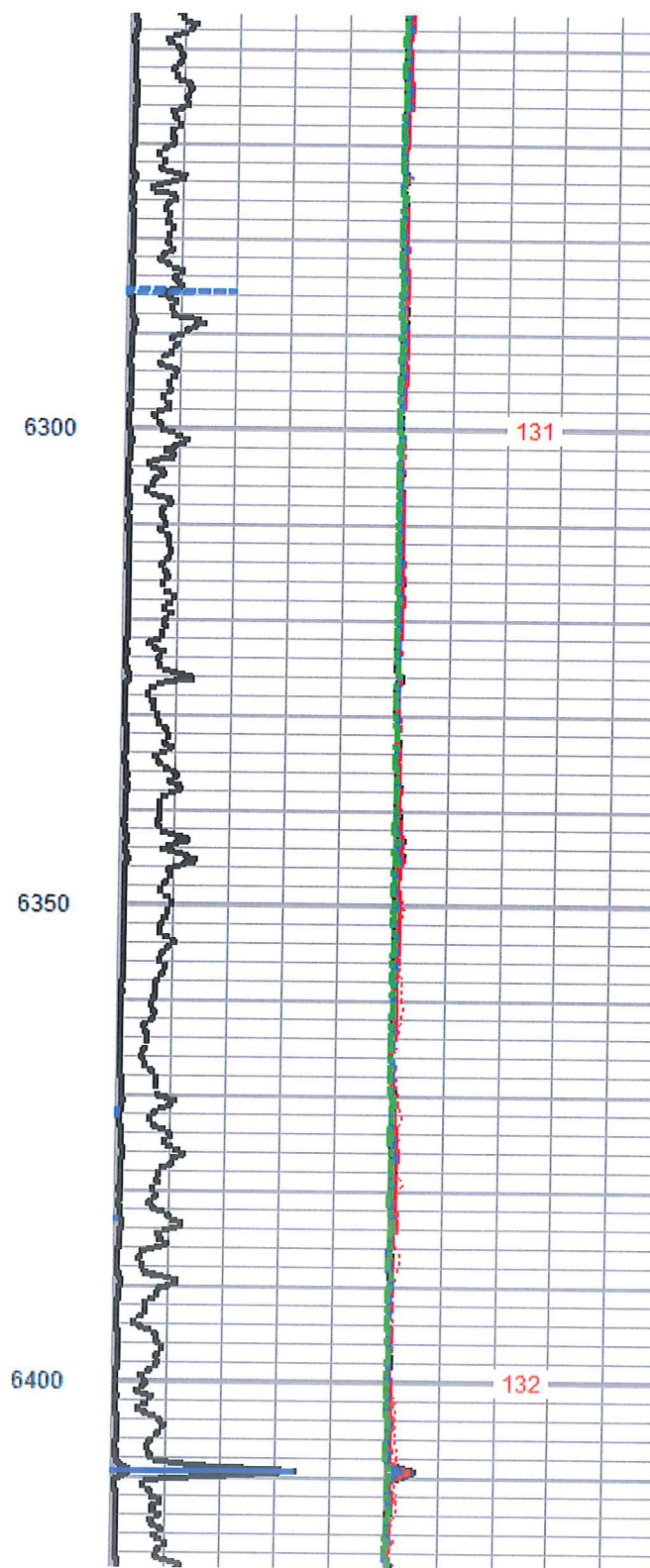
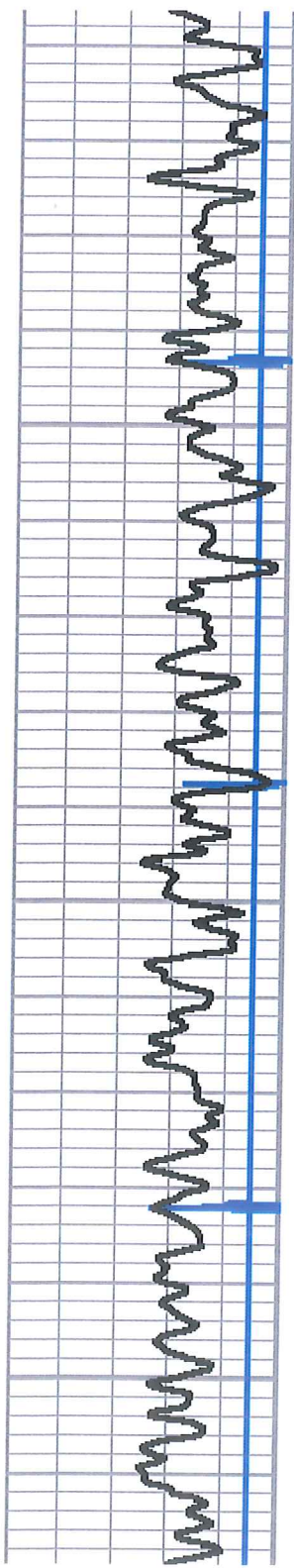
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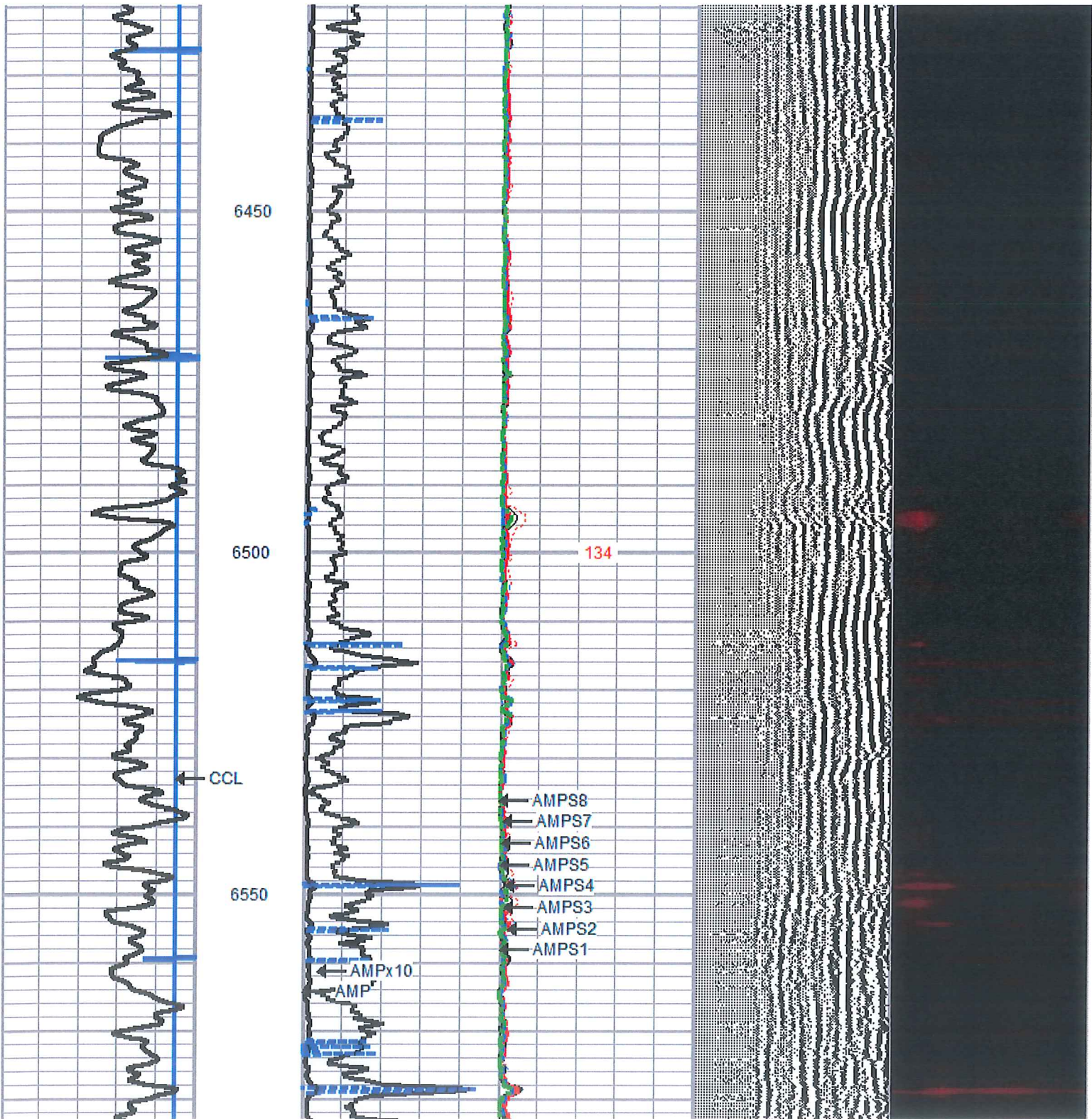
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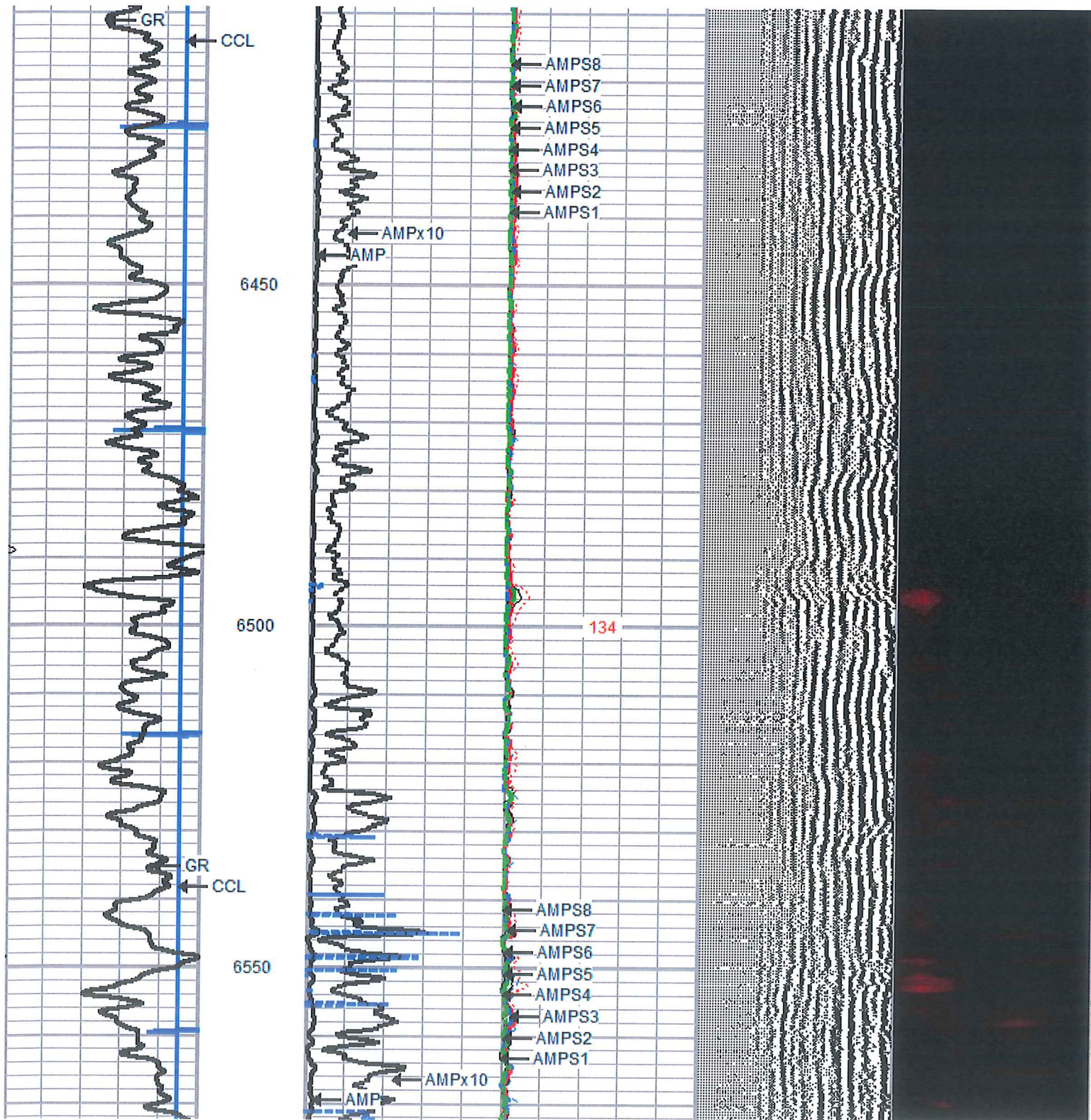
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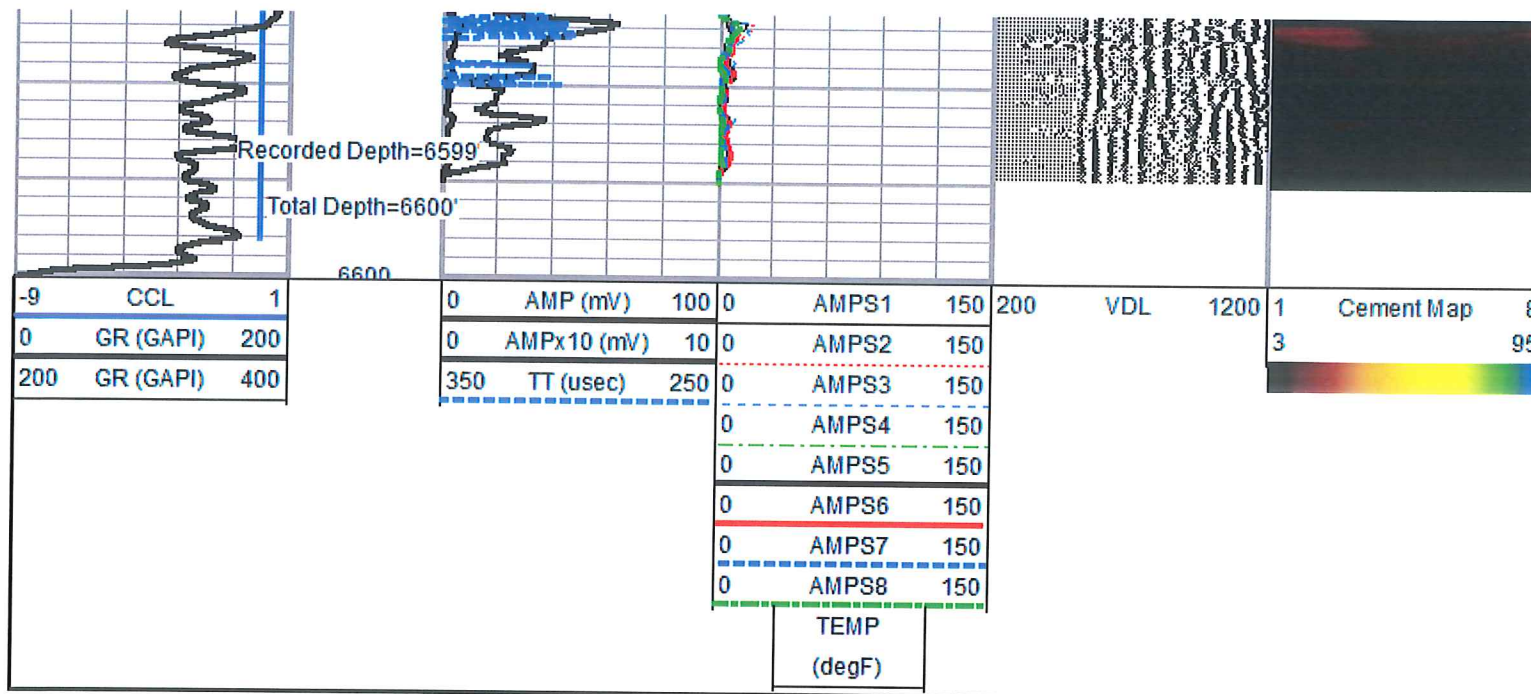




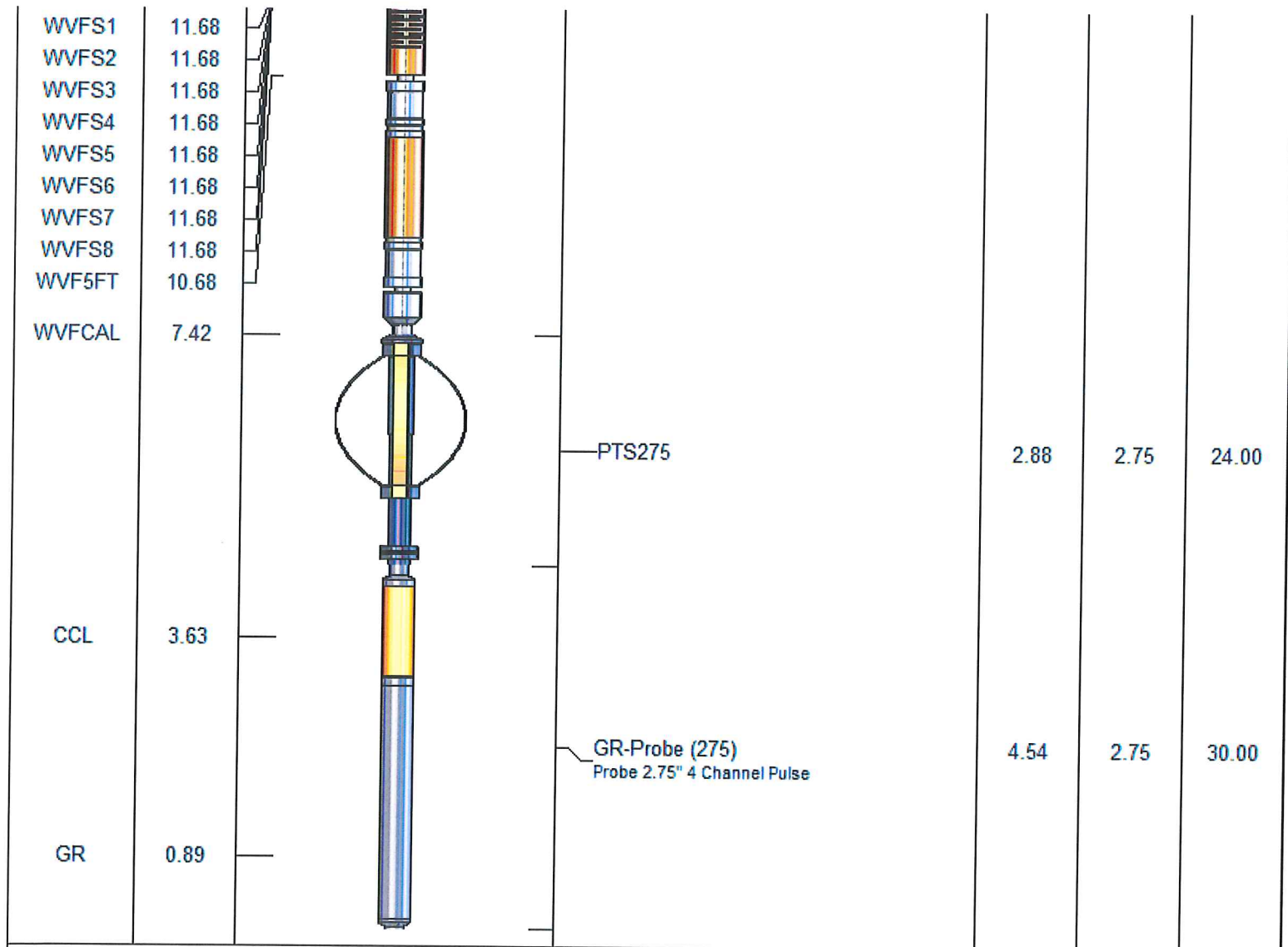








Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
HeadVolt	16.76		PTS275	2.88	2.75	24.00
Temp	13.91					
WVF3FT	11.68		RBT-Probe275T (FW1404-143_5.5INCH) Probe 2.75" Radial with Integral Temperature Sub	9.39	2.75	100.00



Dataset: amanda 1h.db: field/well/run1/pass4
 Total Length: 19.70 ft
 Total Weight: 178.00 lb
 O.D.: 2.75 in