



**RADIAL BOND GAMMA RAY
TEMP-CCL**

Company/ANTERO RESOURCES

Well HONEY 1H
Field TOMS FORK
County DODDRIDGE
State WV
Country USA

Country USA

Location: API 47017054200000

Other Services

SEC	TWP	RGE	Elevation	1081'	Elevation	K.B. 1102'
Perimeter Depth	Log Measure from	C.L.	K.B. 25'	Elevation	1081'	K.B. 1102'
Drilling Measure from			K.B. 25'			D.F. 1125'
						C.L. 1081'

Company/ANTERO RESOURCES
Well HONEY 1H
Field TOMS FORK
County DODDRIDGE
State WV

Core	10-25-14	ONE		
Run Number				
Depth Drive				
Depth Logger	1026'			
Bottom Logger Interval	1048'			
Top Log Interval	SURFACE			
Open Top See				
Top Strat	WATER			
Chemical Material				
Well Record Term	W3			
Stratigraphic Column Top	250'			
True Well Depth	1425'			
True Logger on Bottom	1375'			
Equipment Number	2542			
Location	DODDRIDGE WV.			
Recorded by	BLUTCHER			
Reviewed by	JERRY WILSON			

Run Number	Service Factors		Using Factors				
	BS	From	To	See	Weight	From	To
Using Factors	See		Weight		Top		Bottom
Surface Straps							
Pick Straps							
Production Straps	15'		20005'		SURFACE		1000'
Line							

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: honey fh.cb
 Dataset Pathname: part2
 Dataset Creation: Wed Oct 22 13:04:20 2014 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number: 275
 Tool Model: Probe
 Performed: Thu May 09 12:03:43 2013

Calibrator Value: 1.0 GAPI
 Background Reading: 0.0 cpi
 Calibrator Reading: 1.0 cpi

Sensitivity: 1.0000 GAPI/cpi

Segmented Cement Bond Log Calibration Report

Serial Number: FV1404-143_8.5INCH
 Tool Model: Probe275T

Calibration Casing Diameter: 8.500 in
 Calibration Depth: 1095.100 ft

Master Calibration, performed Wed Oct 22 13:25:08 2014:

Raw fvt

Calibrated fmv1

Results

	Zero	Cal	Zero	Cal	Gain	Offset
3	0.009	0.998	1.000	71.921	71.990	0.862
CAL	0.012	0.010				
5	0.017	1.013	1.000	71.921	71.308	-0.213
SUM						
S1	0.009	1.059	0.000	100.000	92.919	-0.794
S2	0.013	1.070	0.000	100.000	94.941	-1.203
S3	0.013	0.348	0.000	100.000	429.948	-5.494
S4	0.013	1.043	0.000	100.000	97.012	-1.222
S5	0.013	1.100	0.000	100.000	91.971	-1.174
S6	0.012	1.172	0.000	100.000	96.120	-1.042
S7	0.013	1.229	0.000	100.000	92.238	-1.070
S8	0.012	1.198	0.000	100.000	94.387	-1.029

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

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.012	0.010	1.000	0.000

Air Zero Calibration, performed Fri Aug 15 12:11:41 2014:

	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Gain	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: honey_1h.cb
 Database Pathname: gas33
 Presentation Format: acb02
 Database Creation: Wed Oct 22 15:04:20 2014 by Log 1.0 #1
 Charted by: Depth in Feet scaled 1.240

0	CCL	2
0	GR (GAPI)	200
200	GR (GAPI)	400

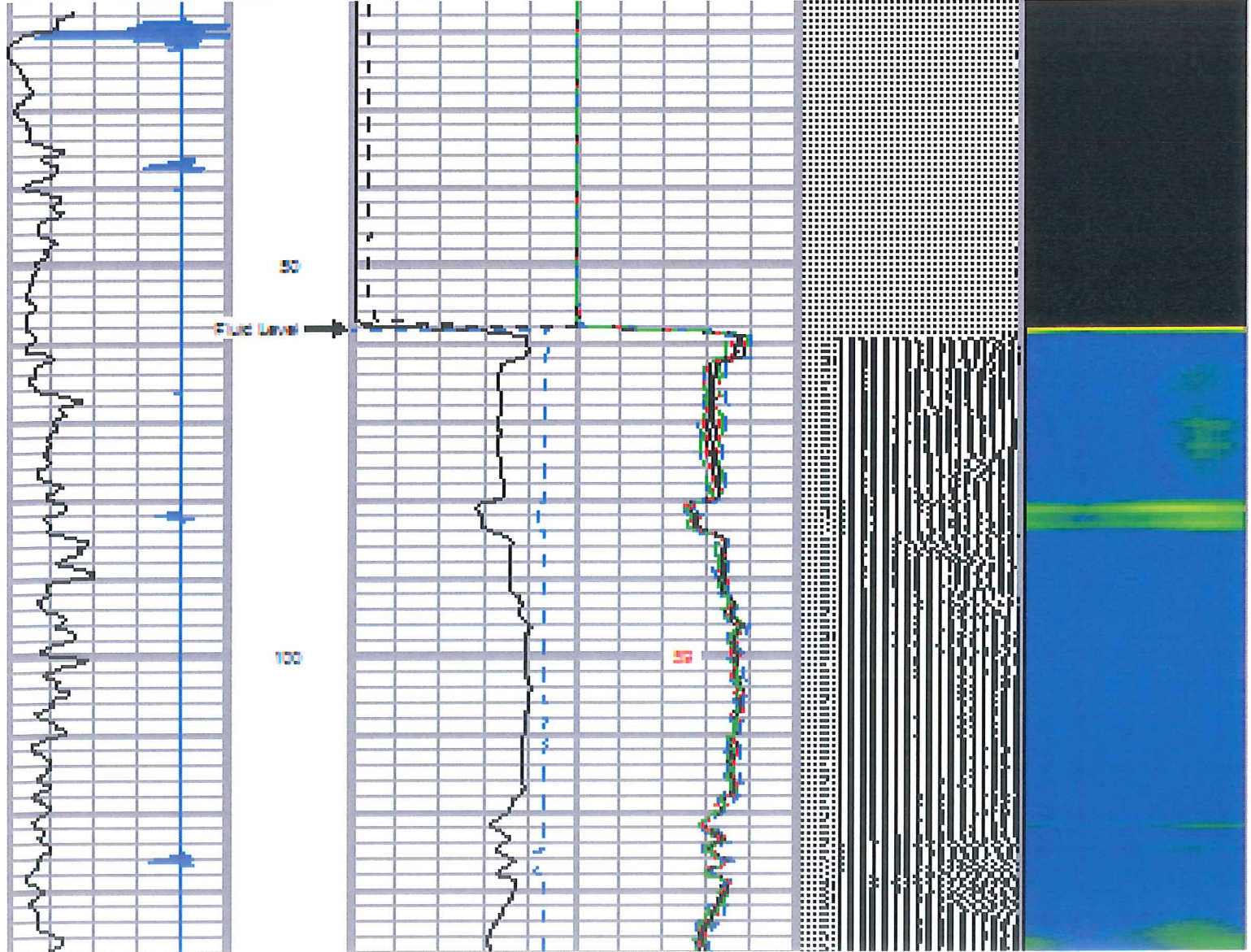
0	AMP (mV)	100
0	AMPc3 (mV)	20
250	TT (Lsec)	250

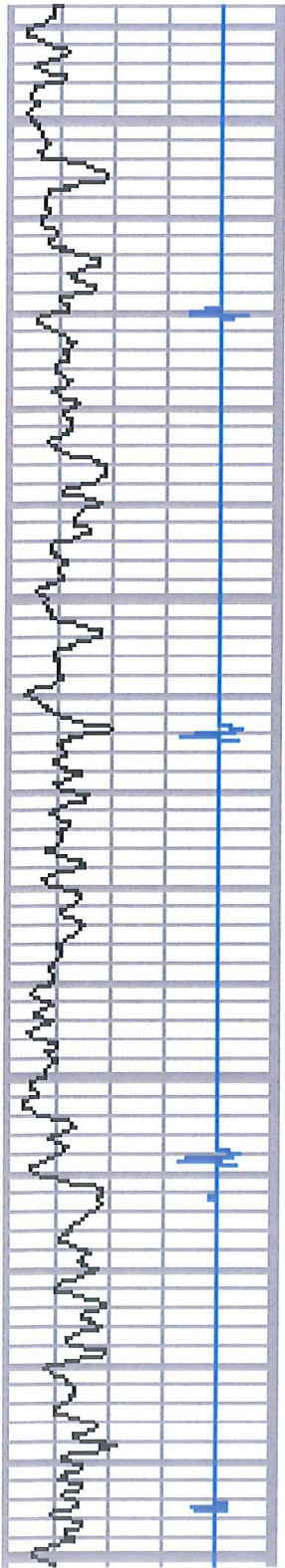
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0	AMPS3	150
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0	AMPS6	150
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0	AMPS8	150

TEMP
(degF)

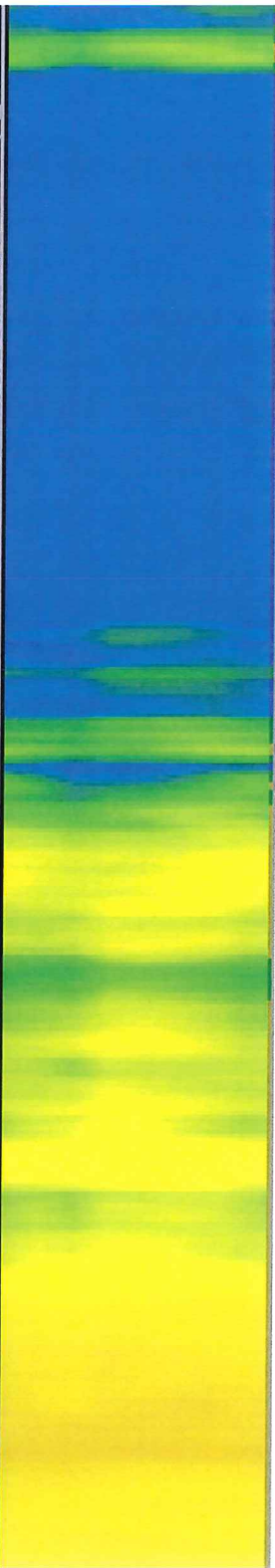
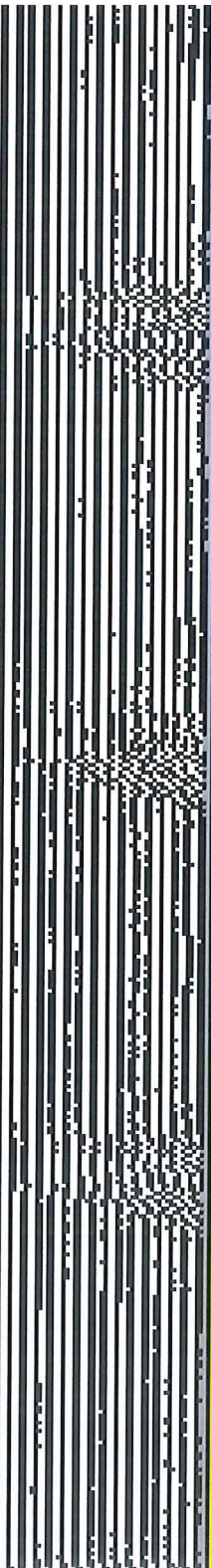
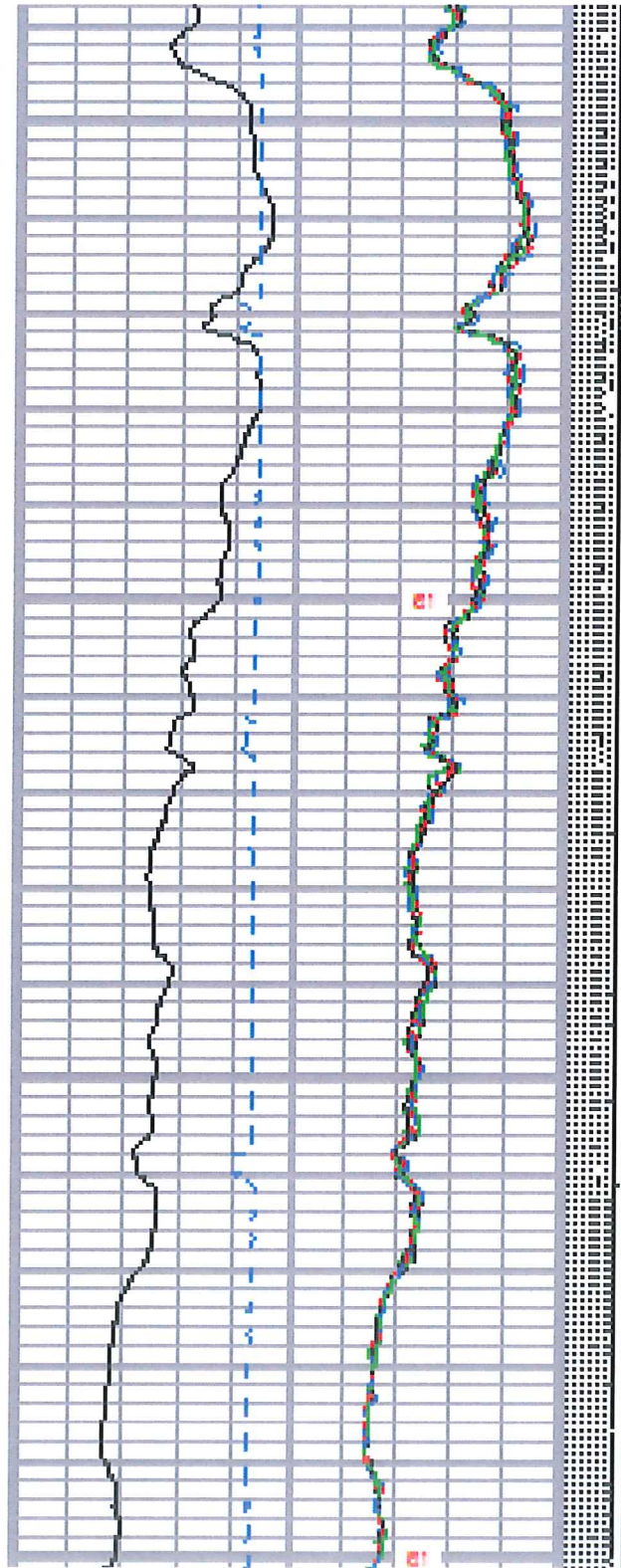
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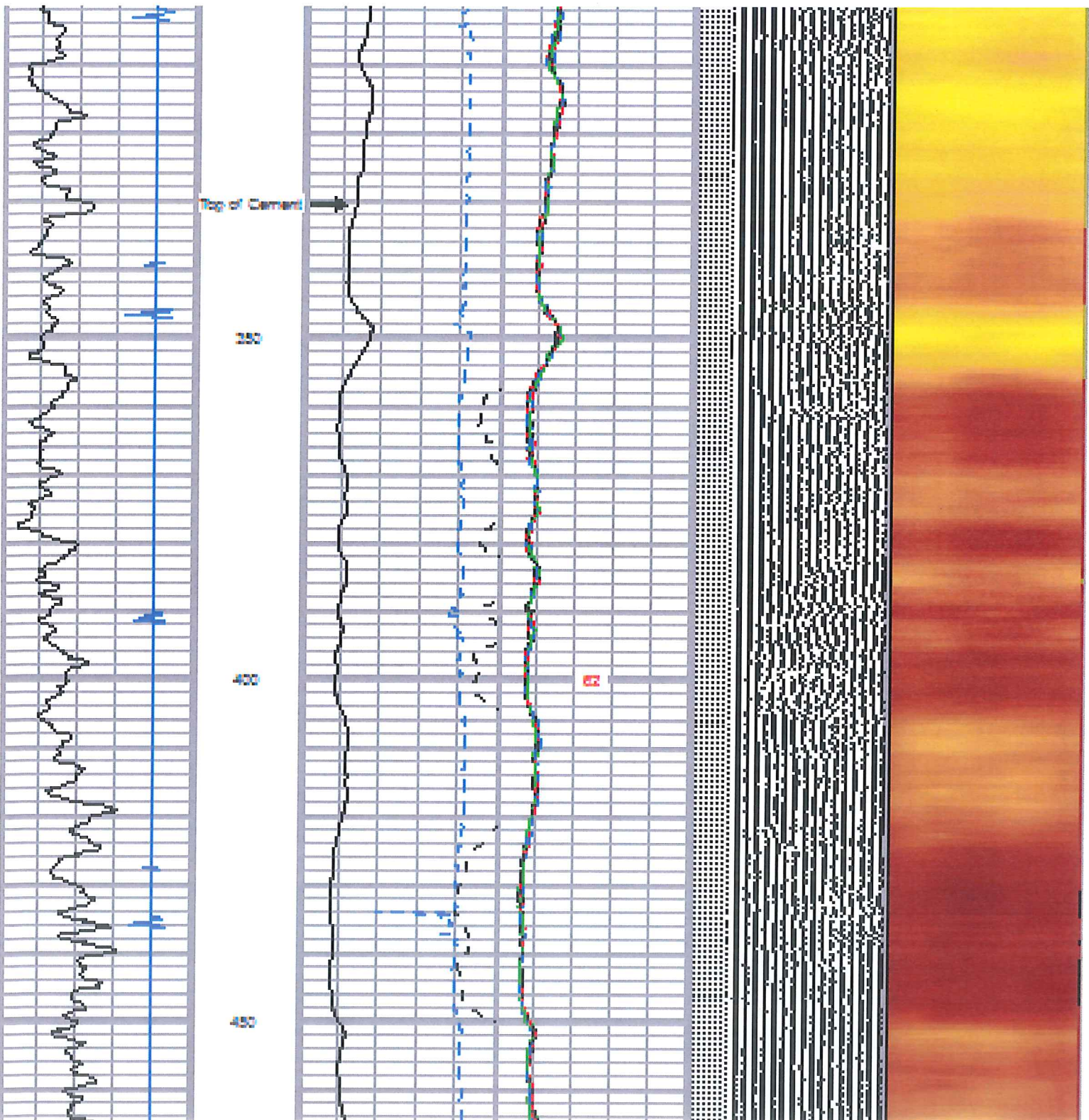
1 Cement Map 5
2 65

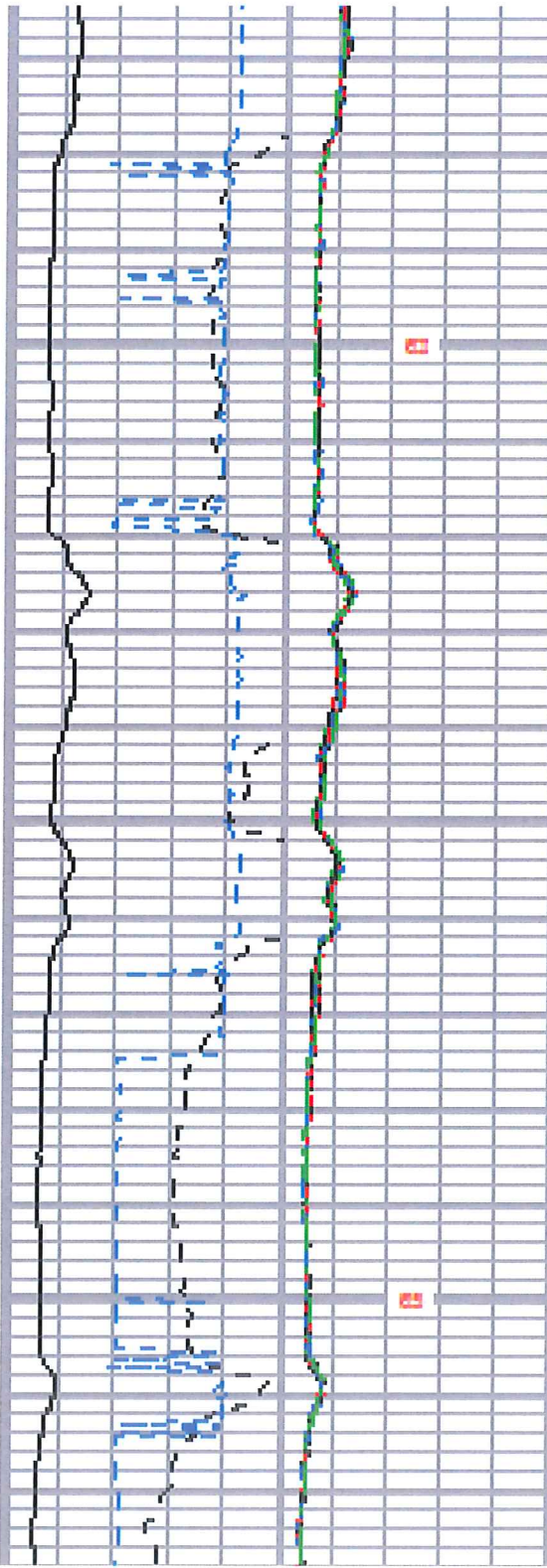
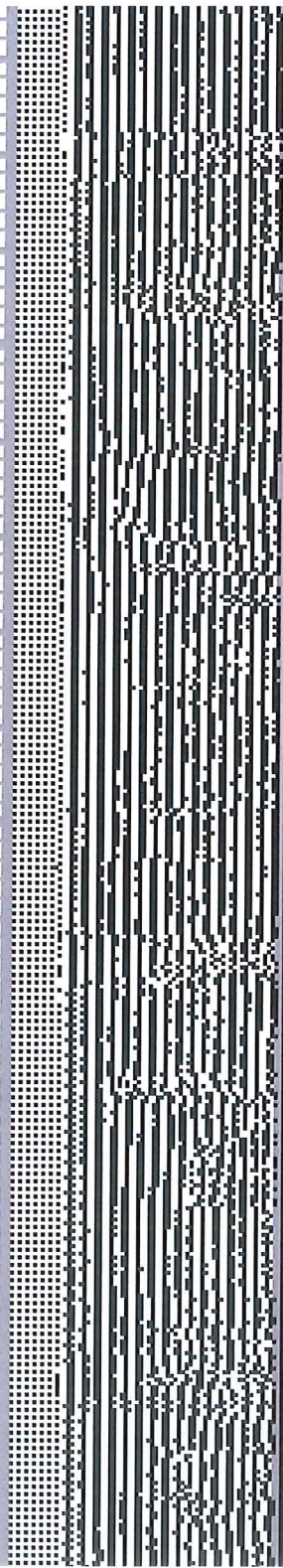
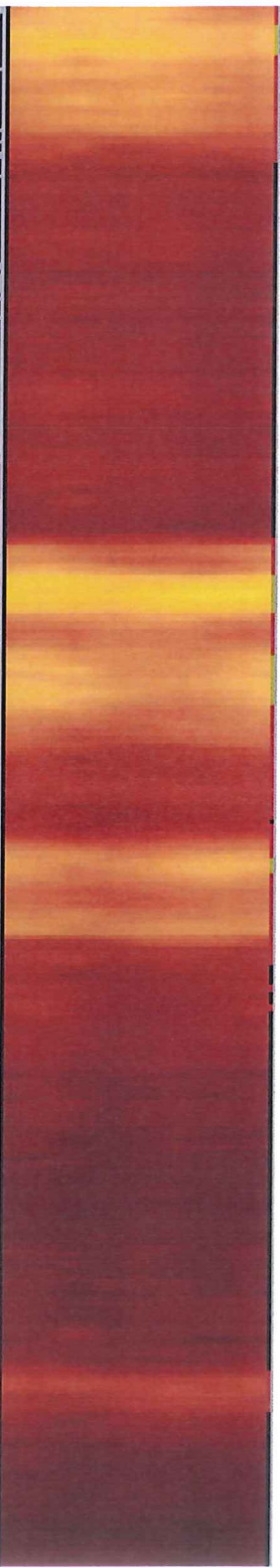




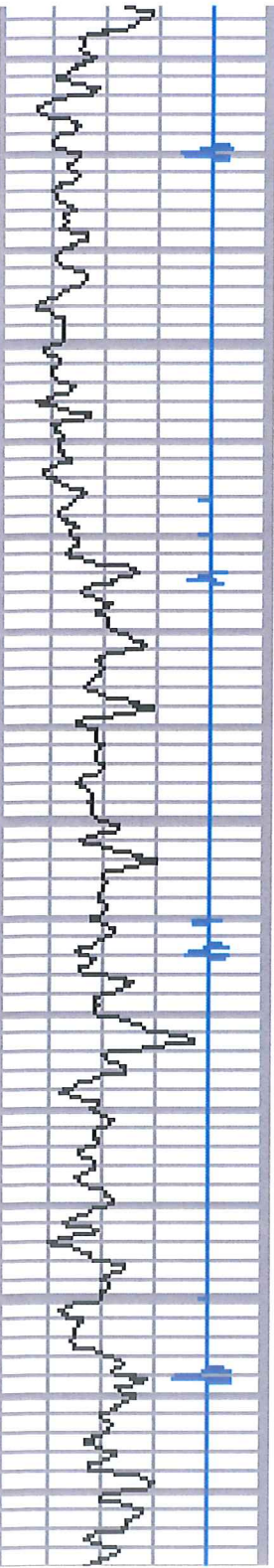
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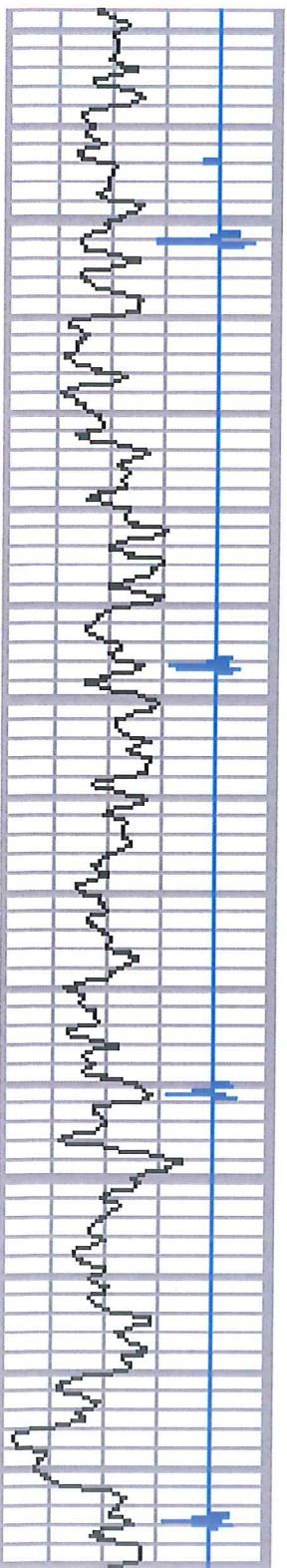






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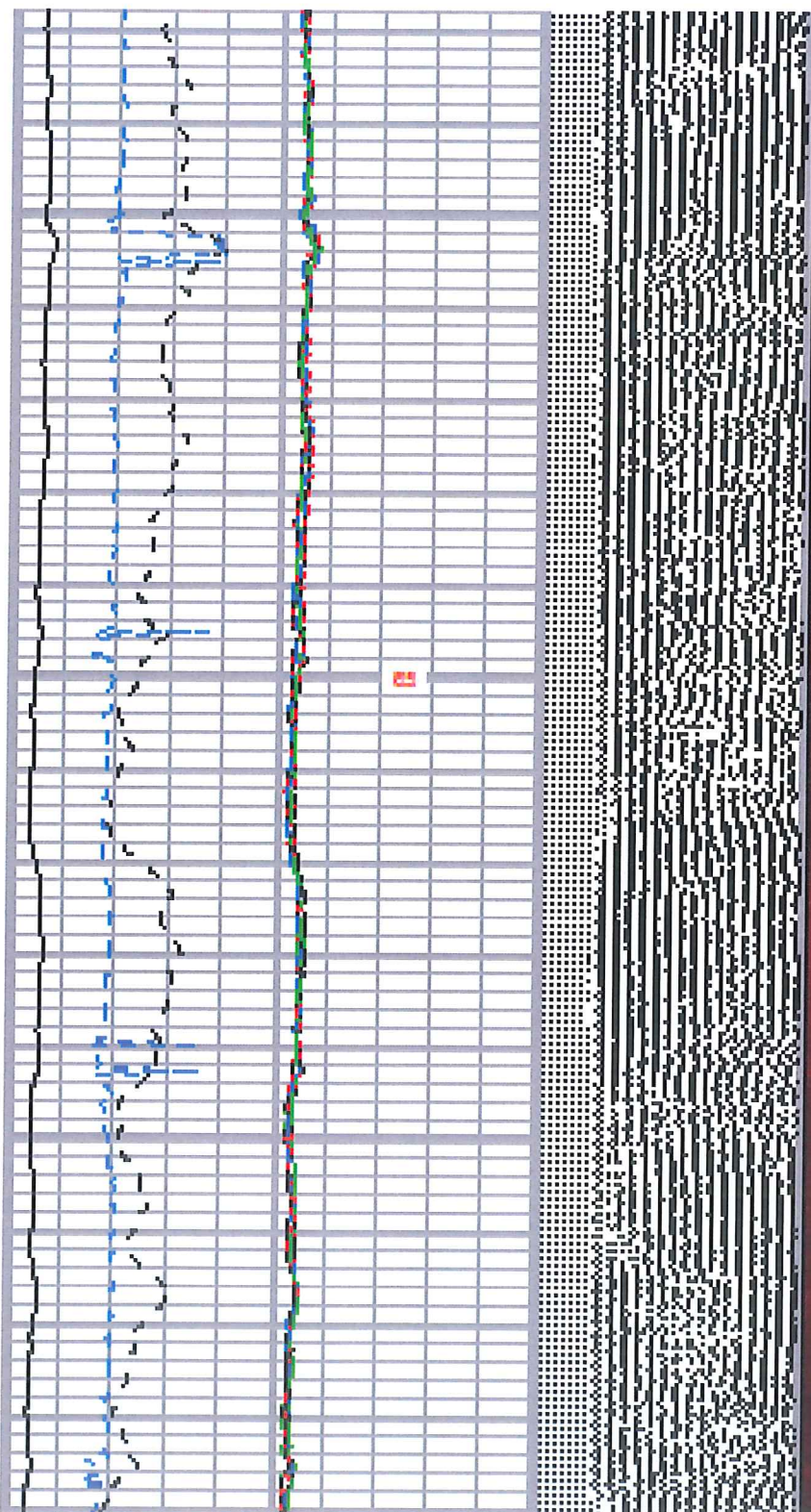


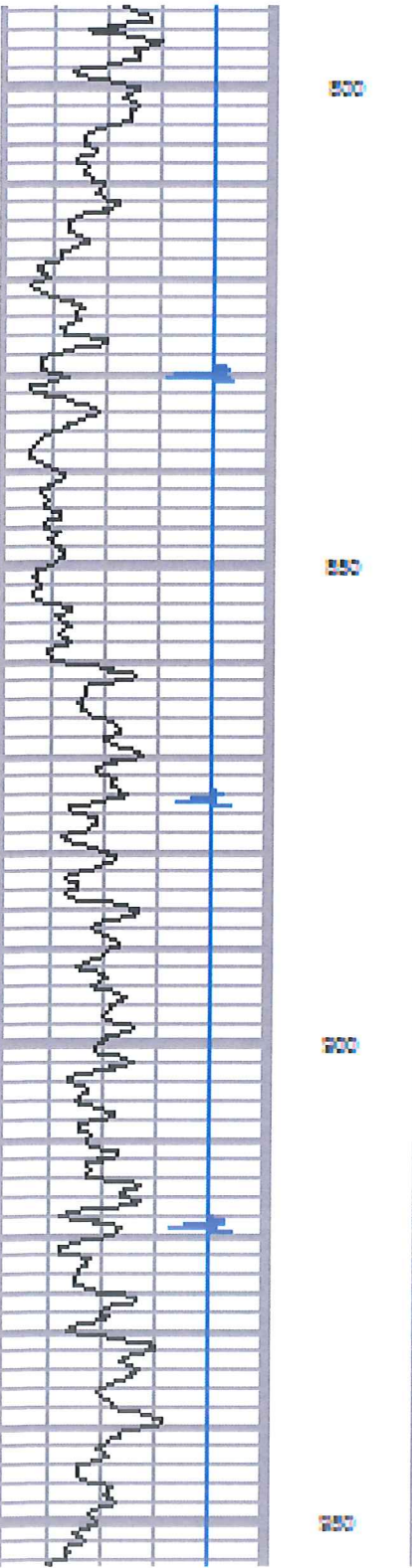
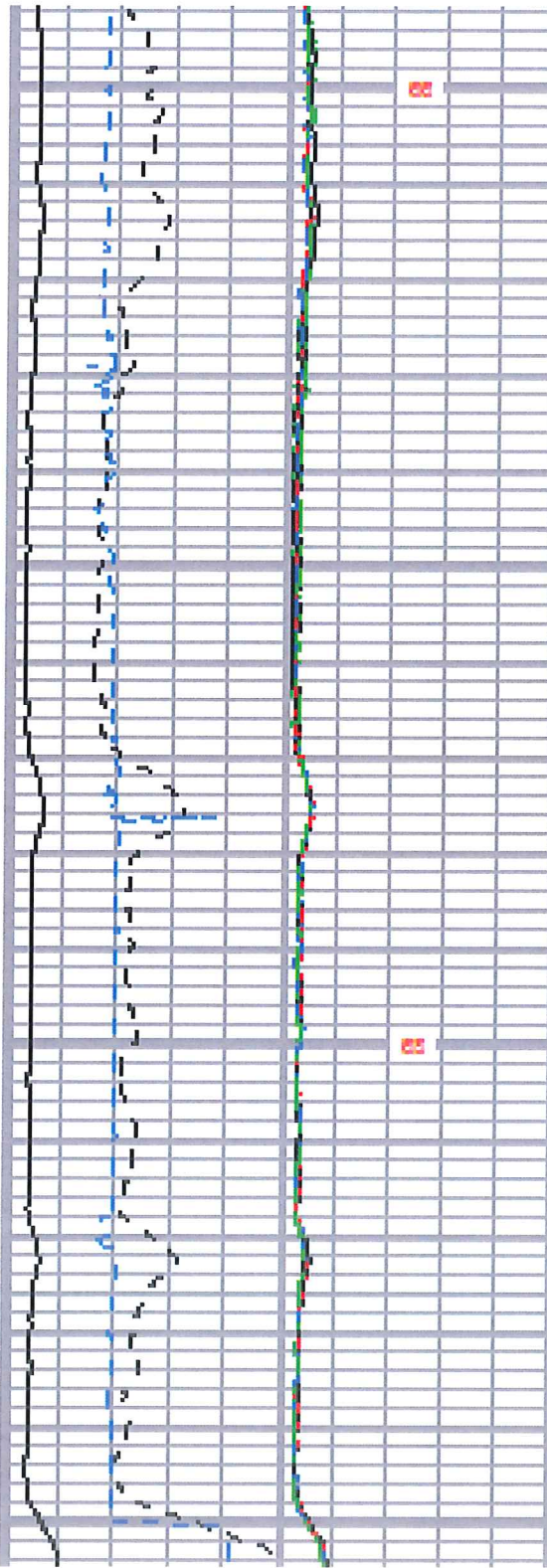
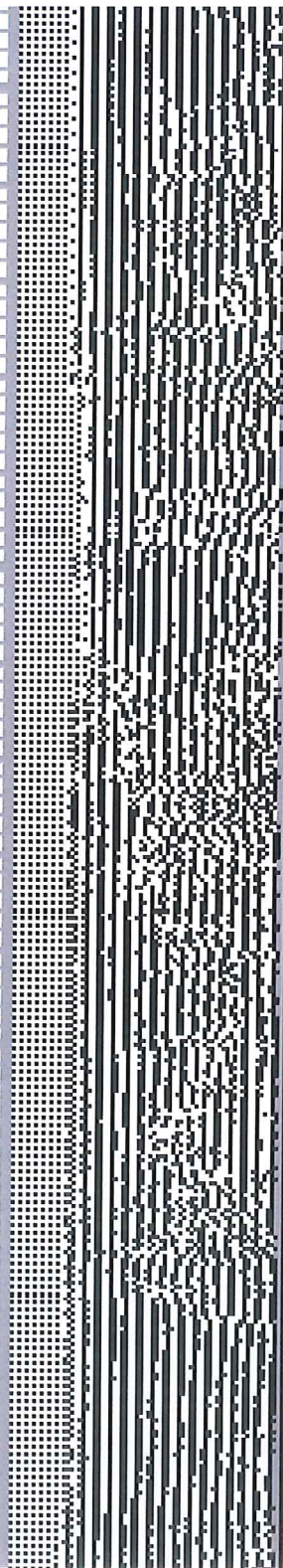
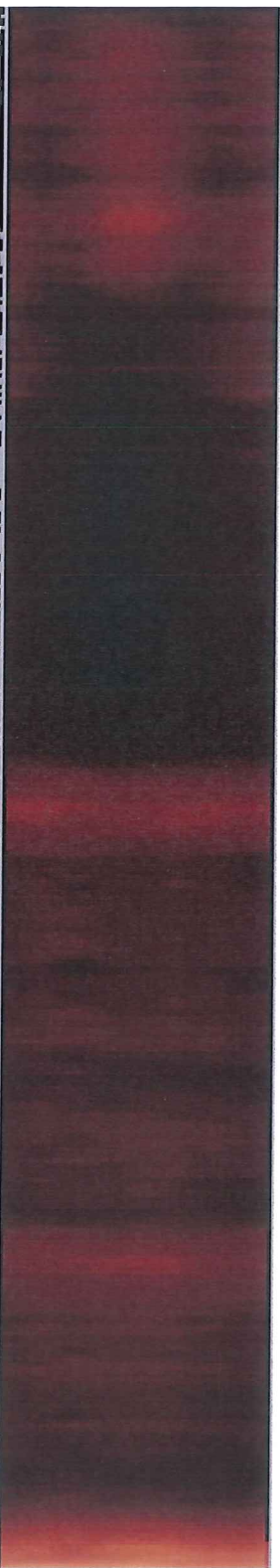


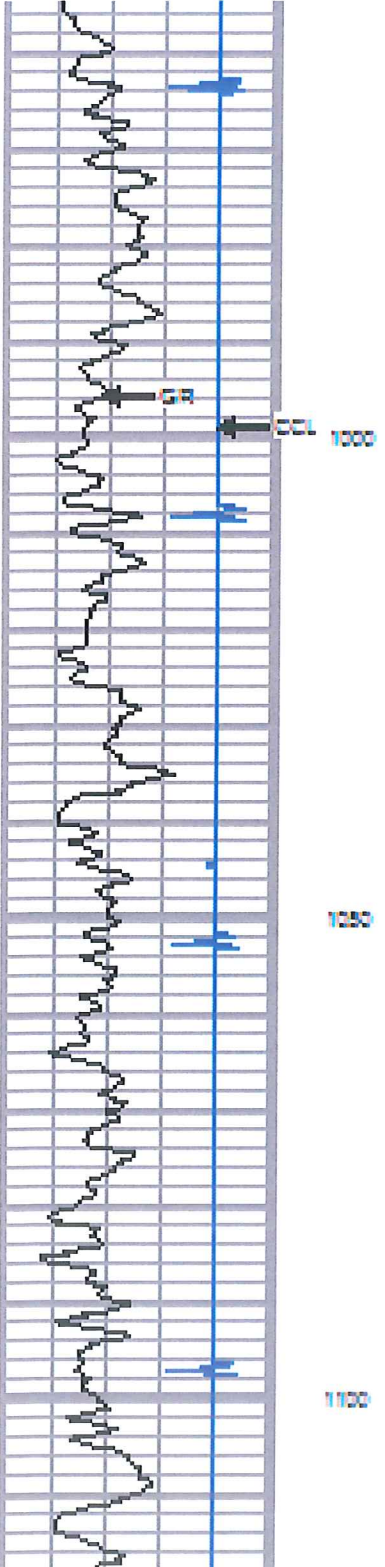
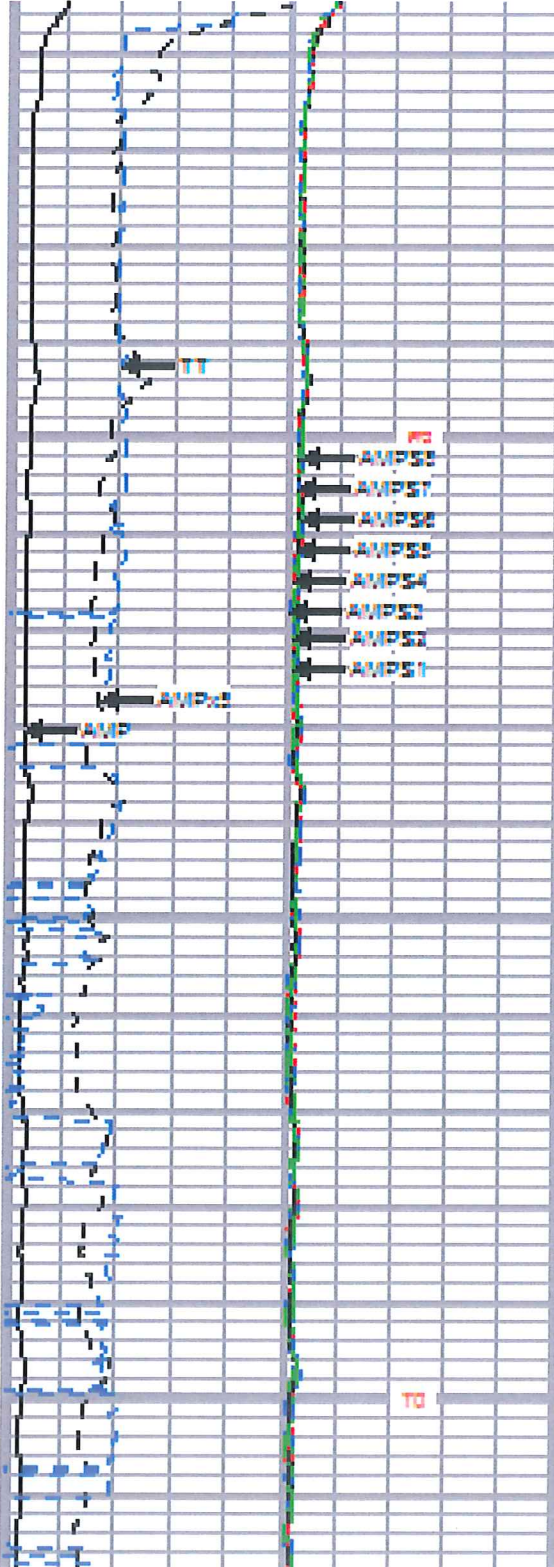
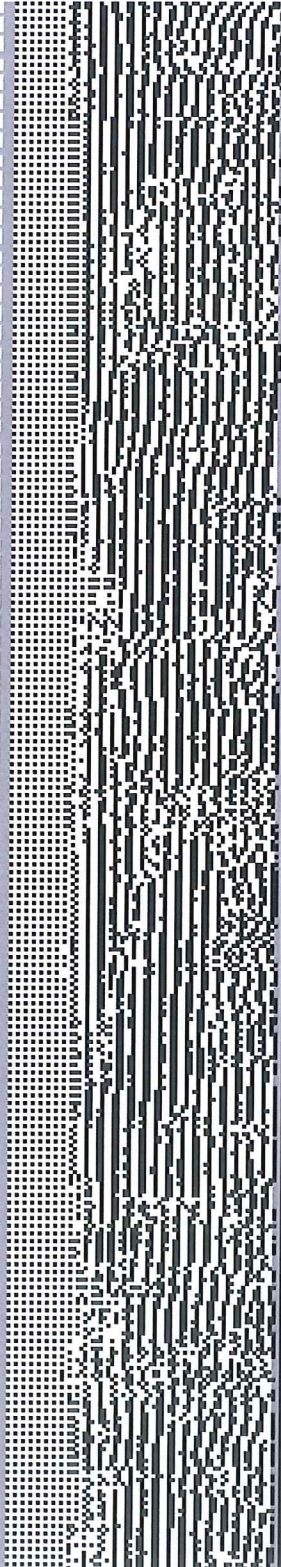
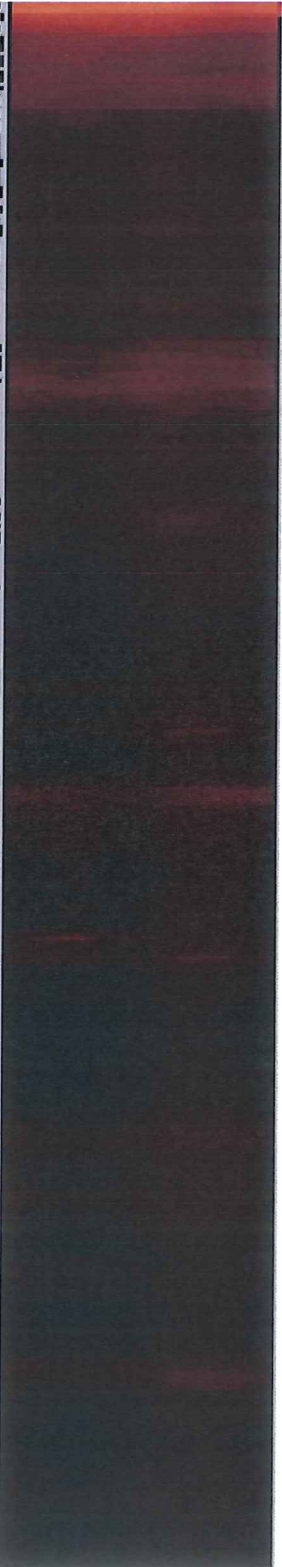
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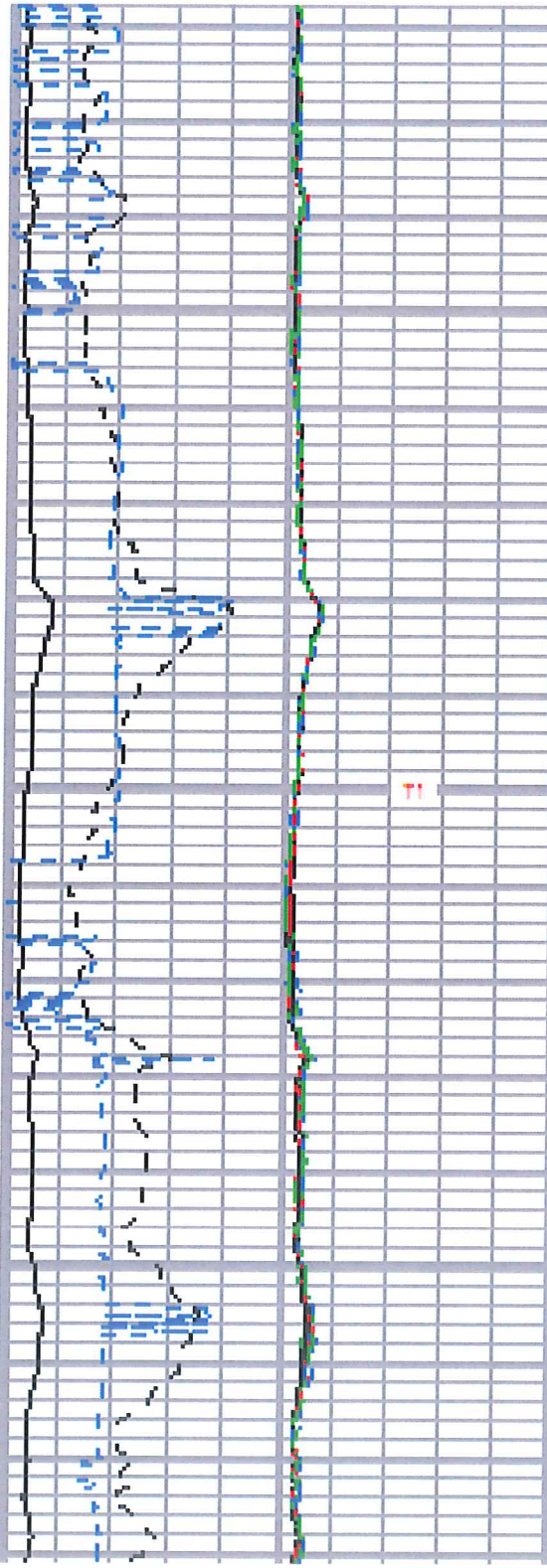
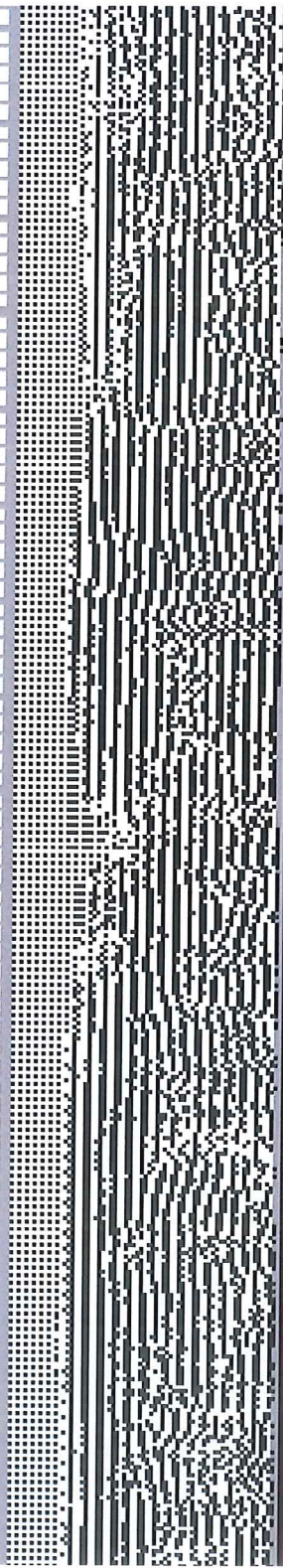
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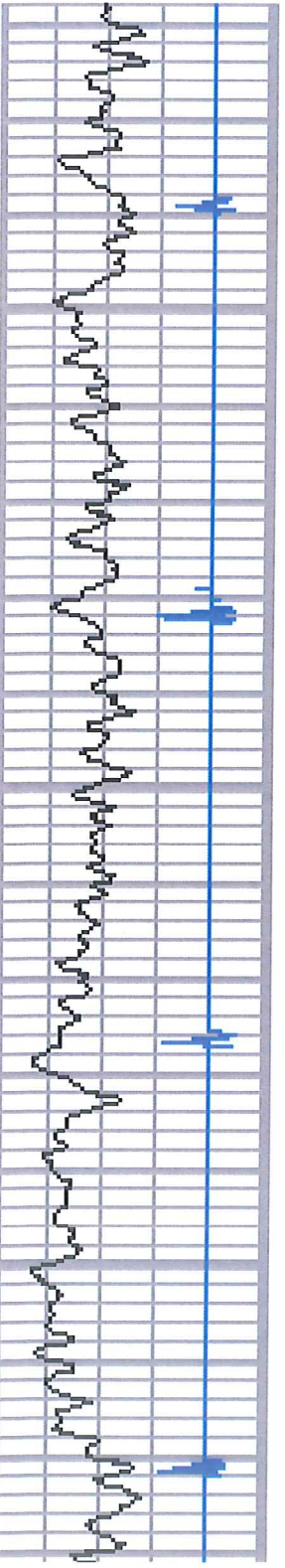


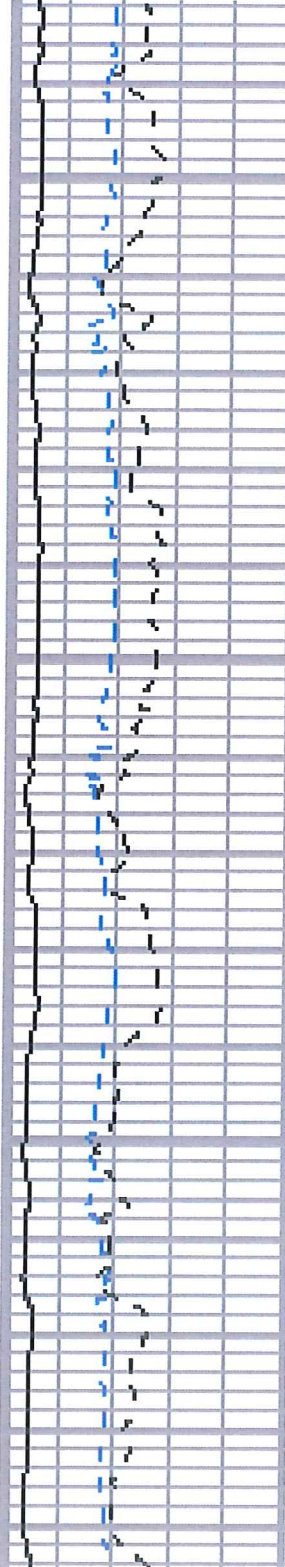
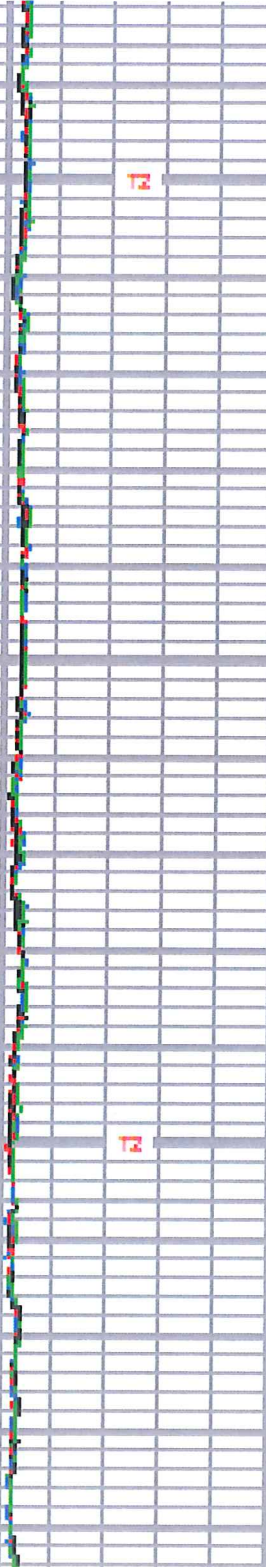
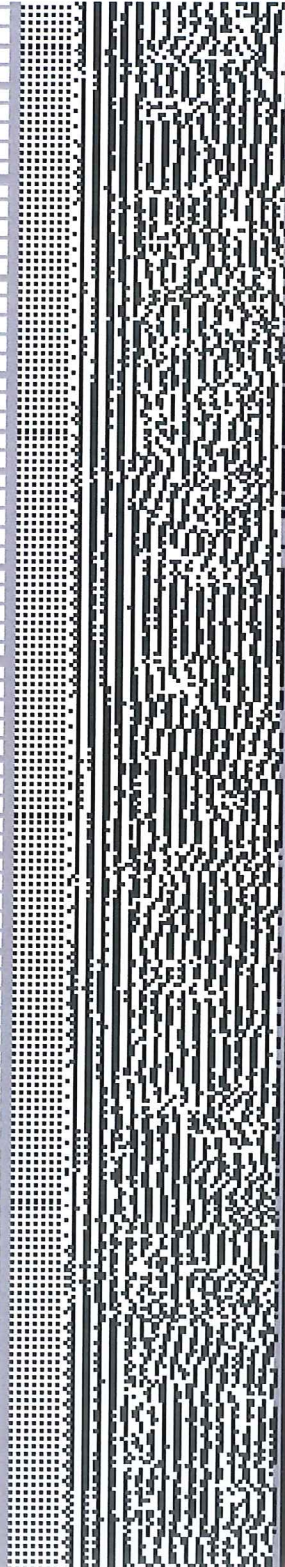




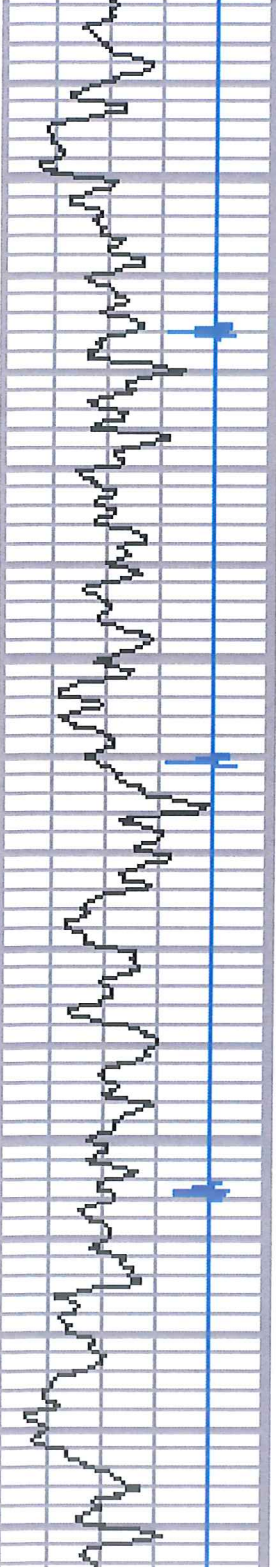


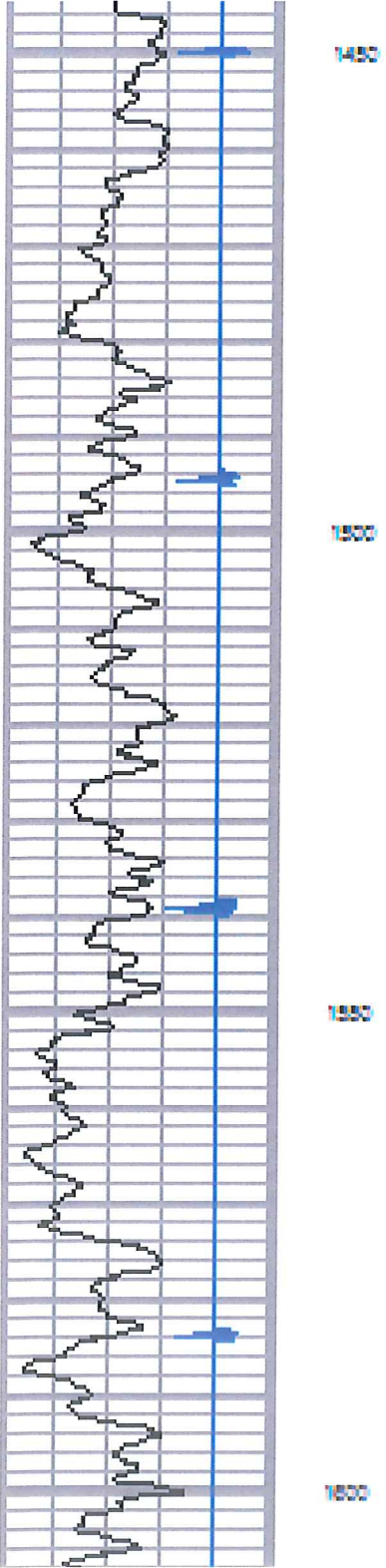
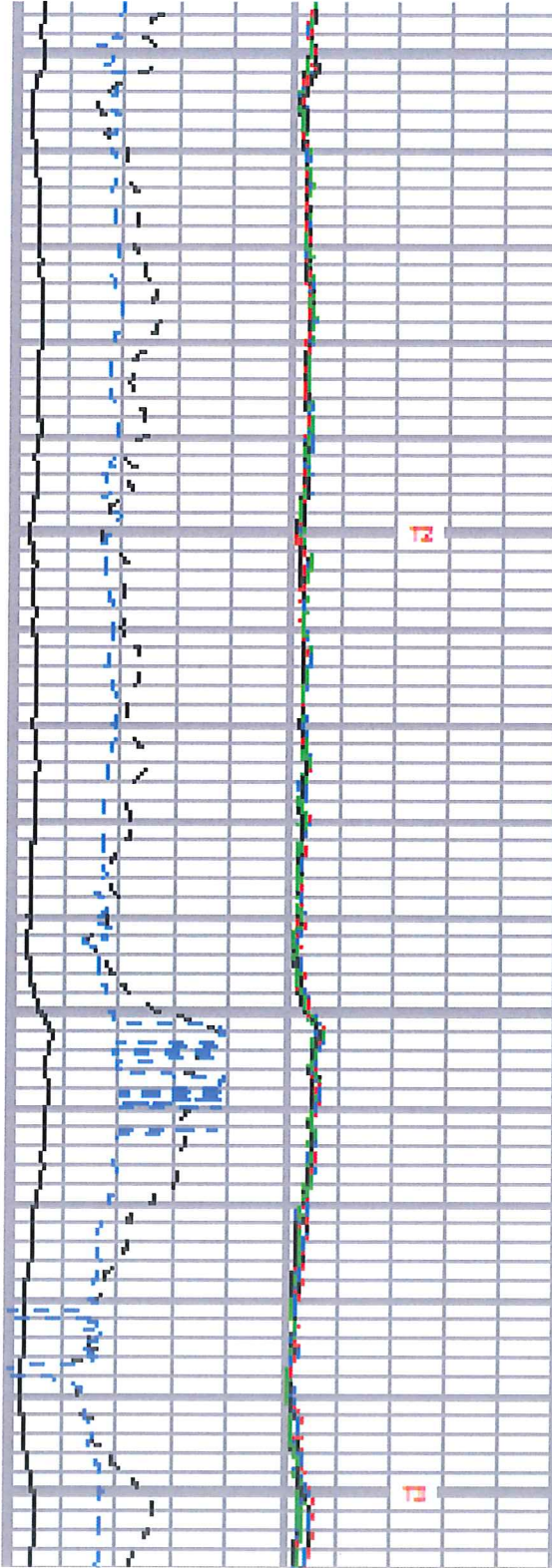
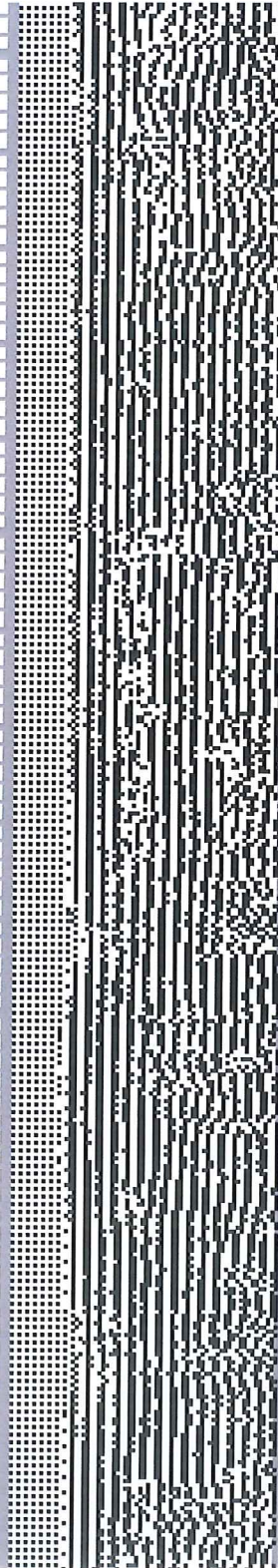
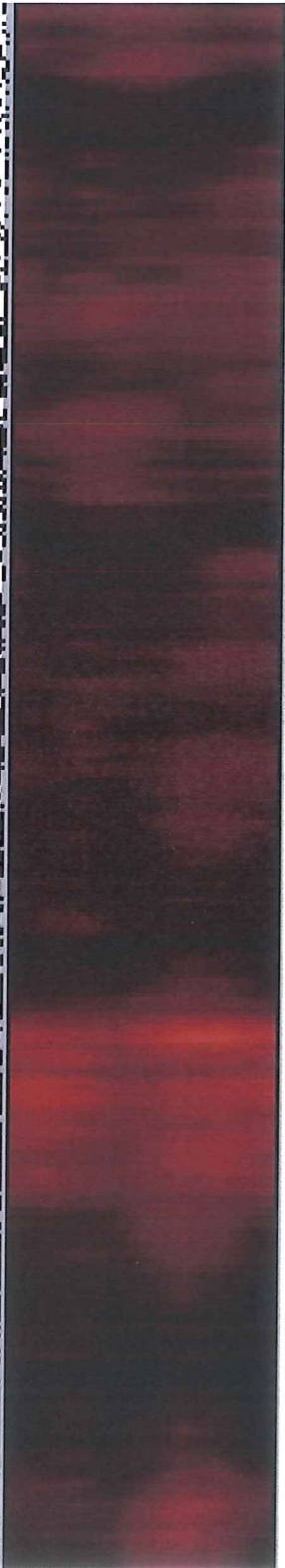
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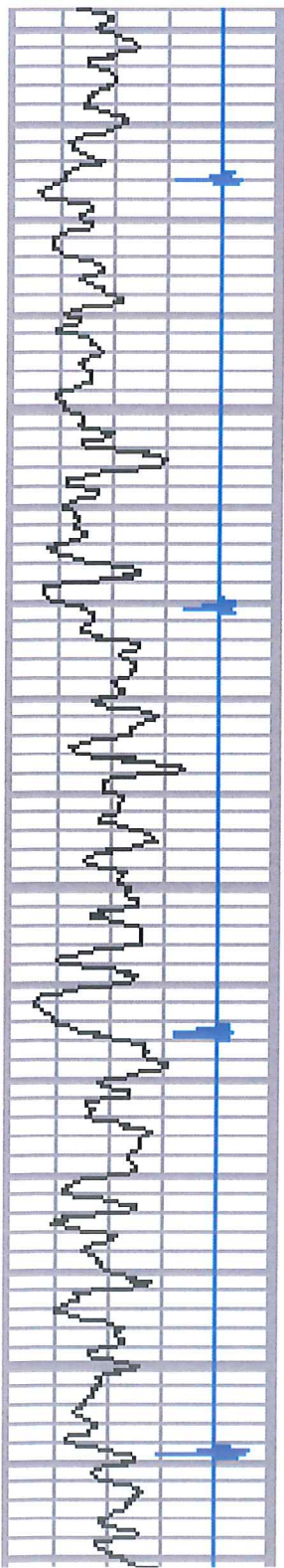




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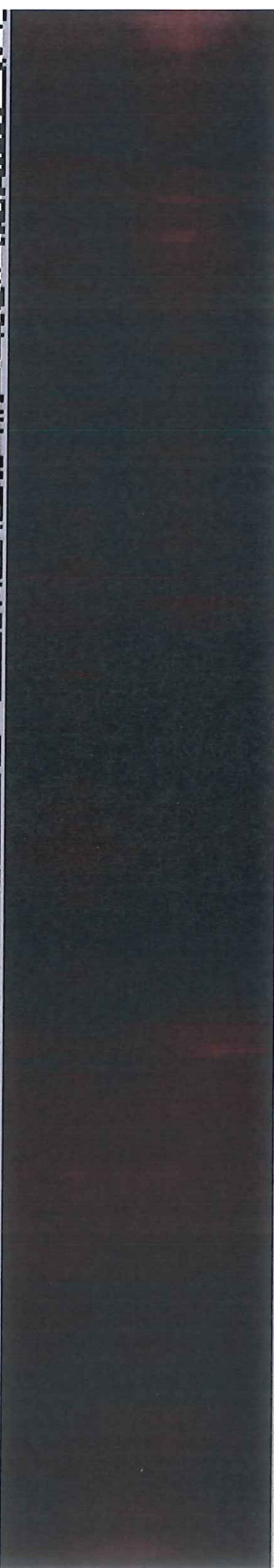
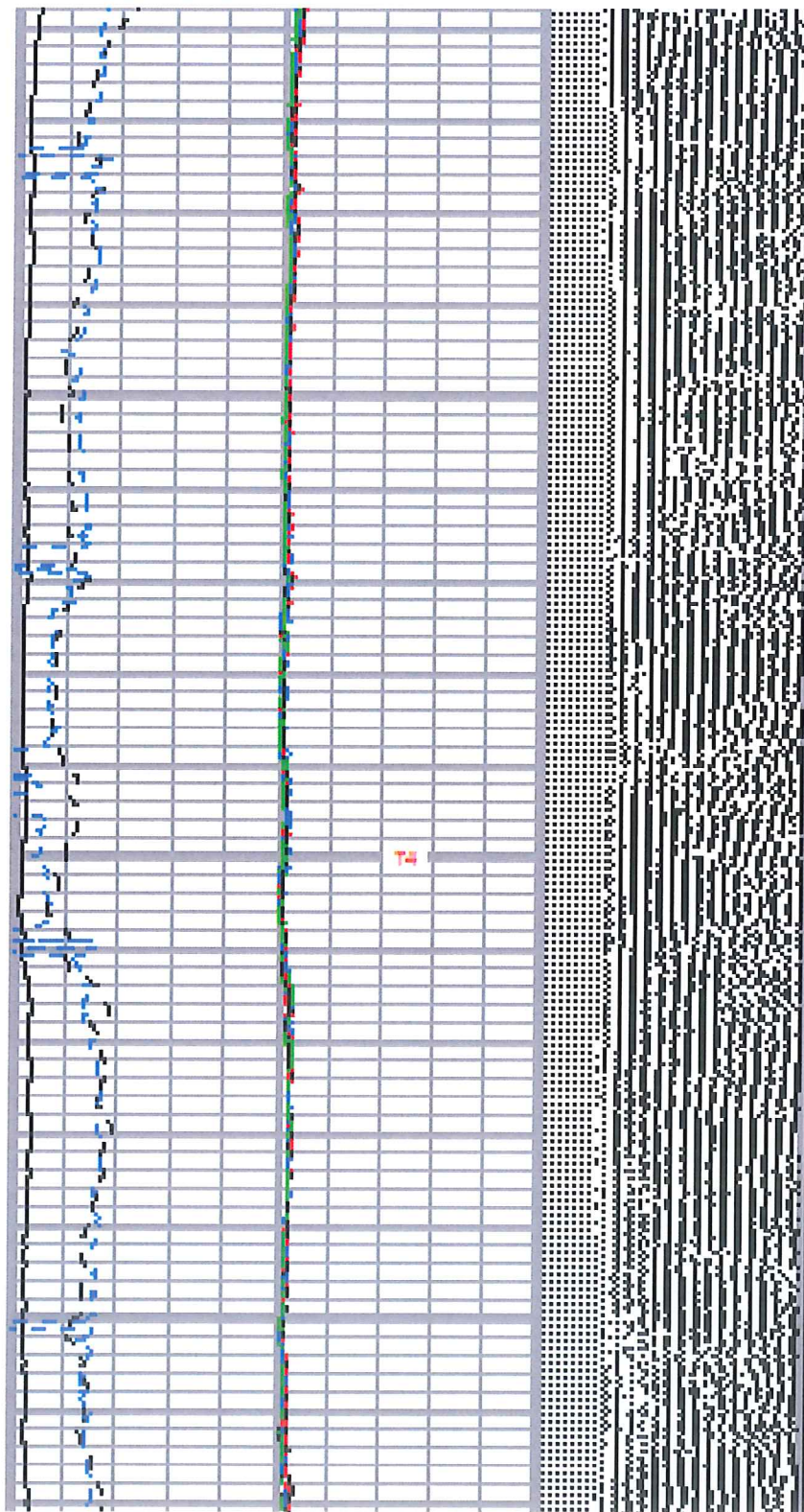


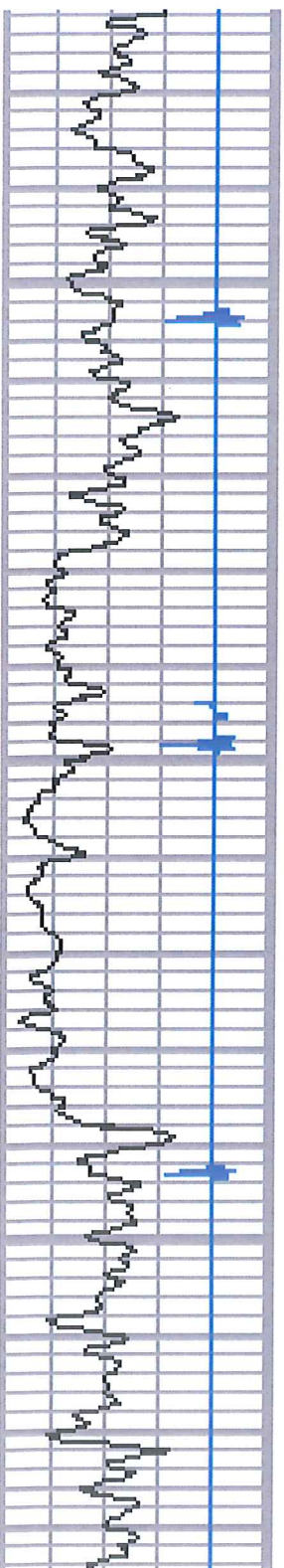


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173

173

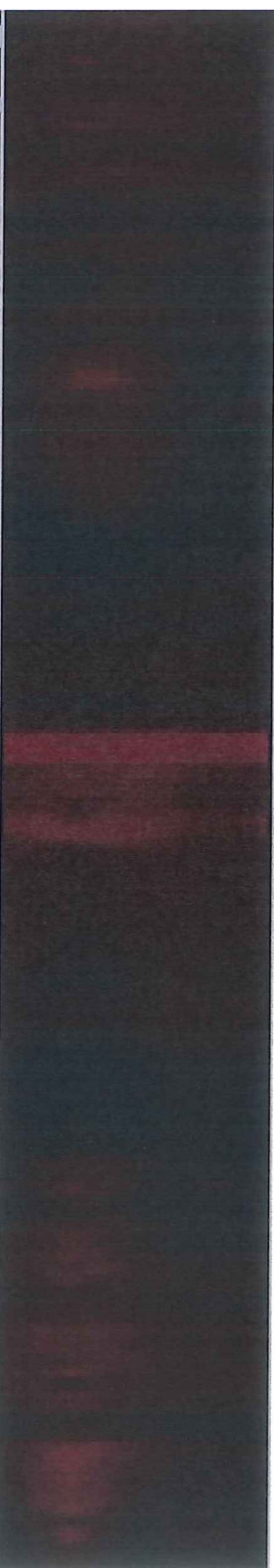
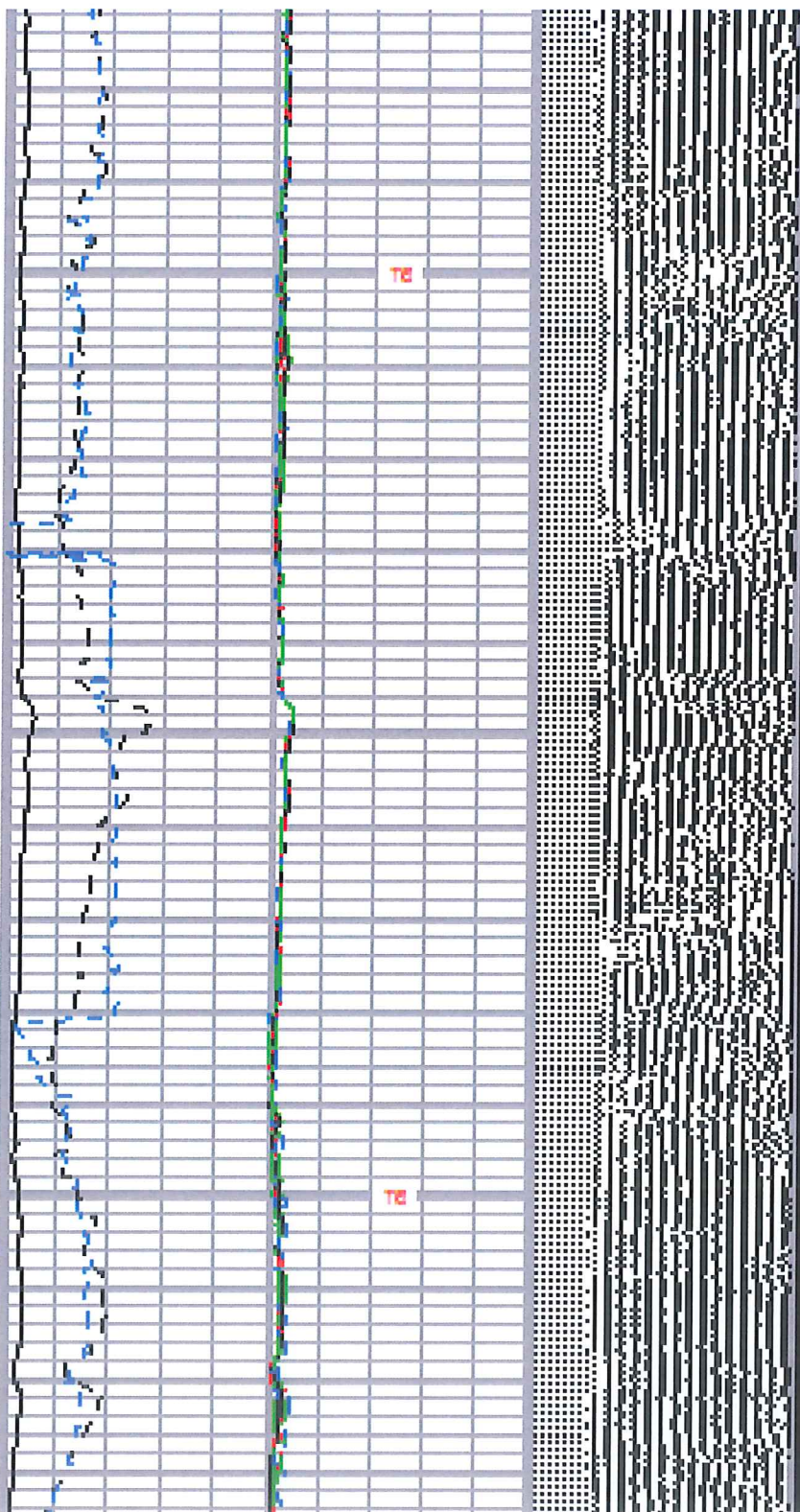


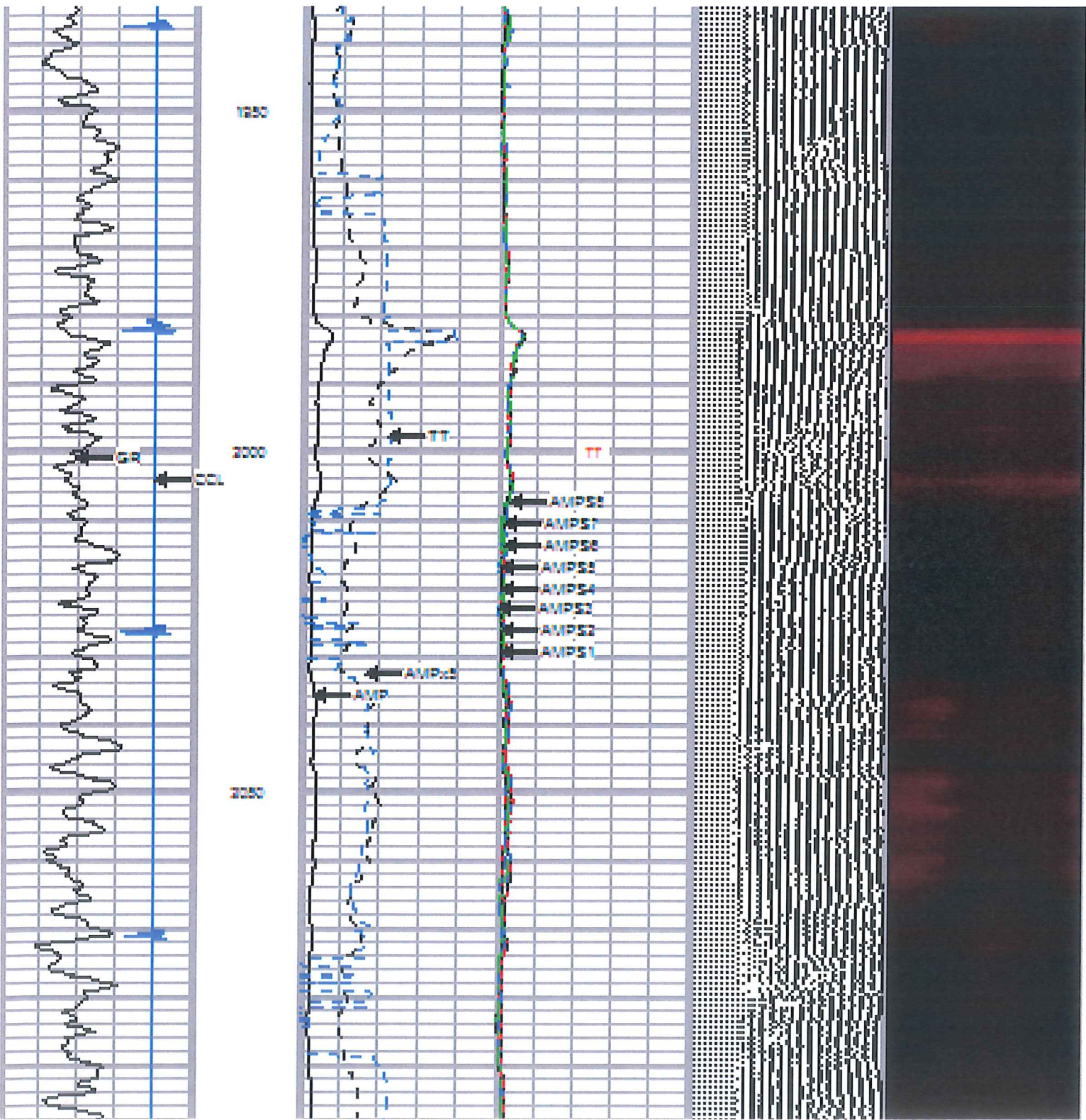


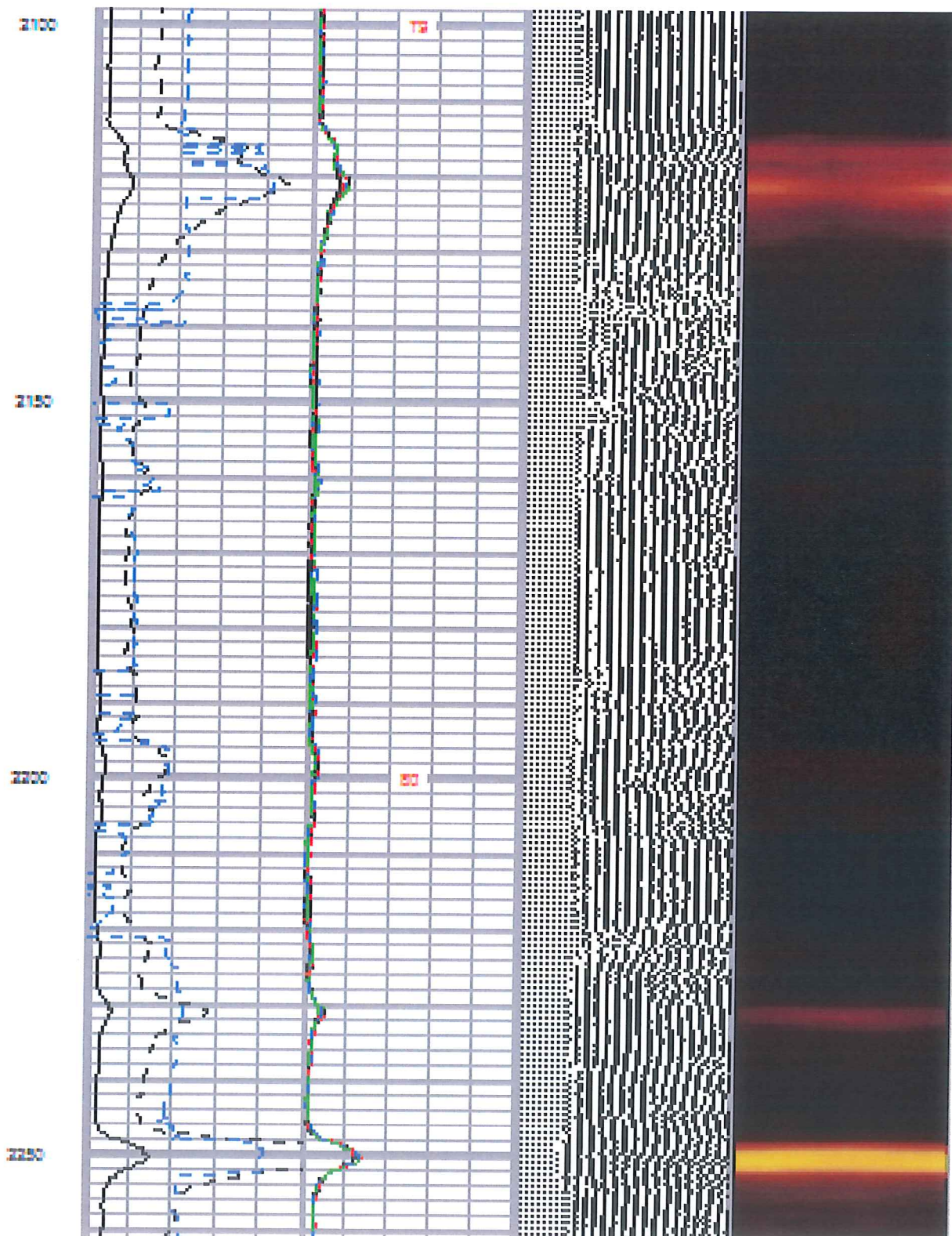
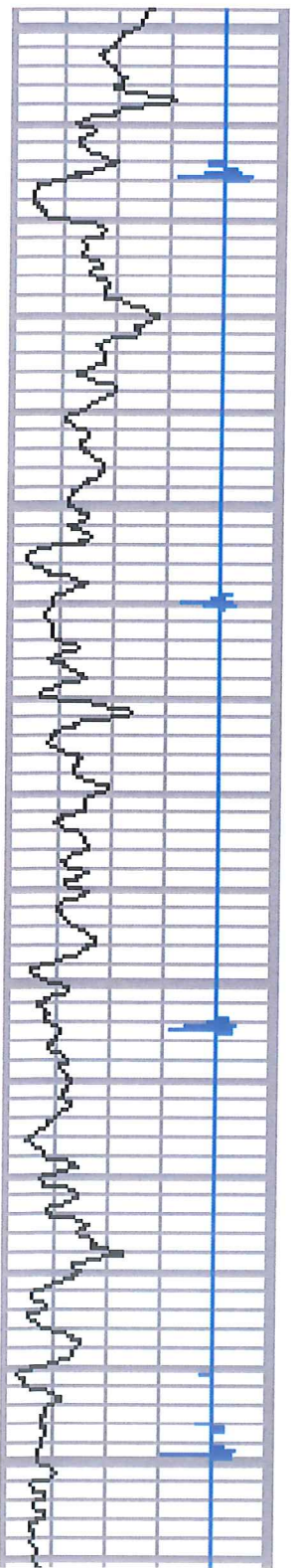
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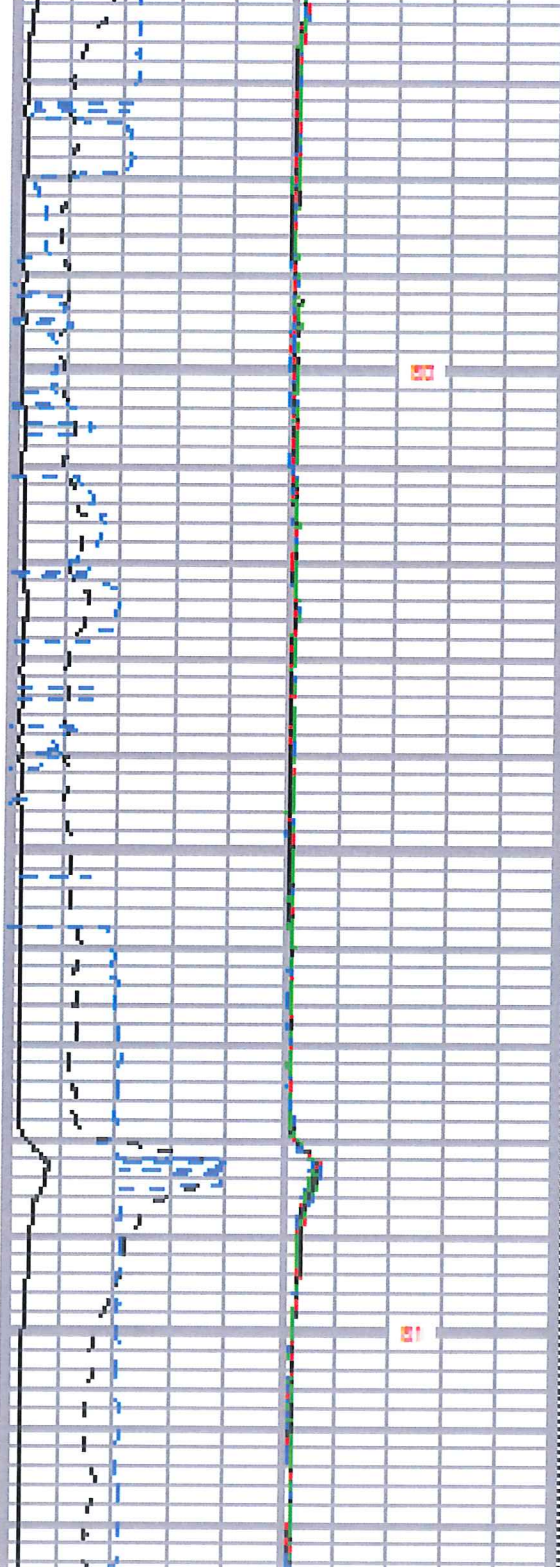
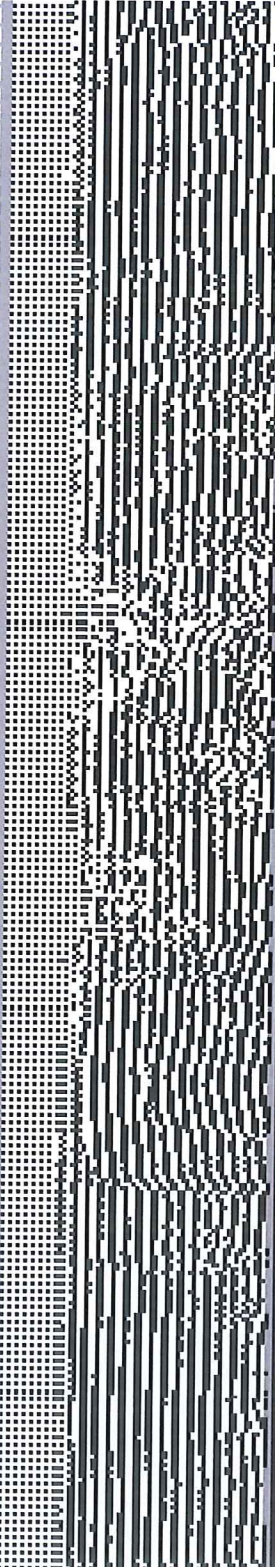
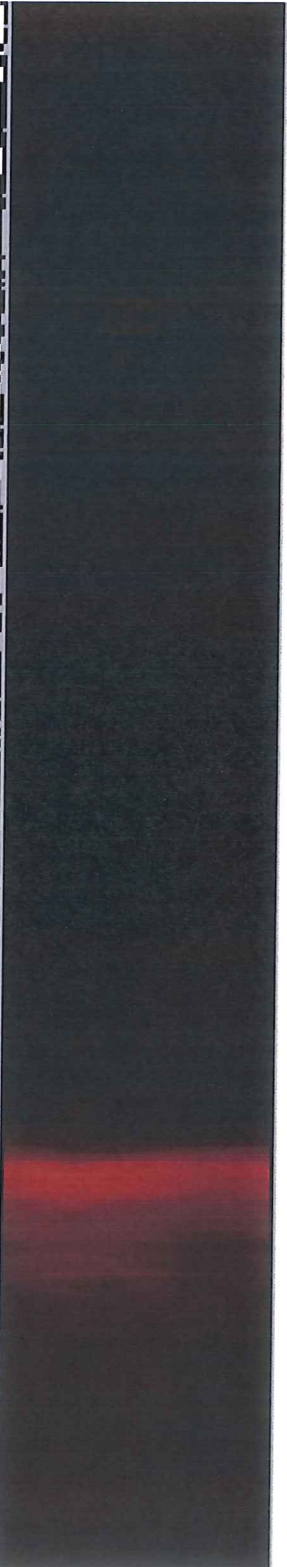
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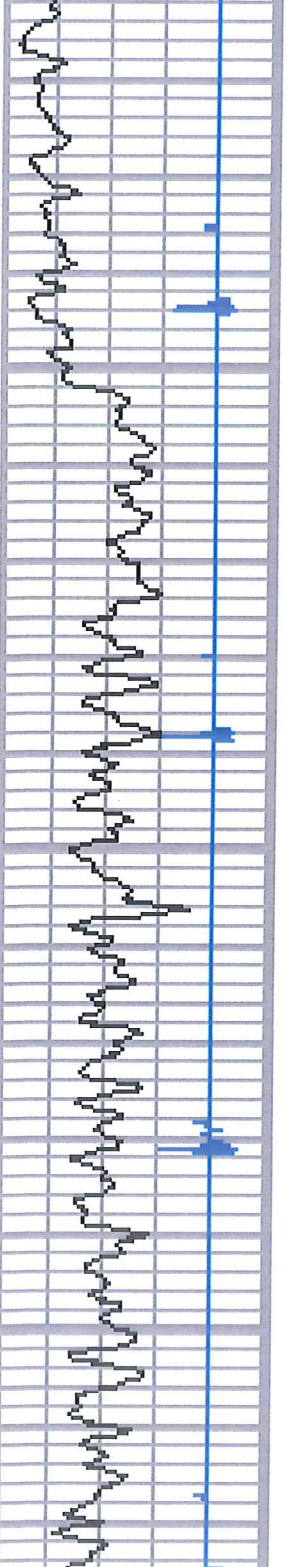


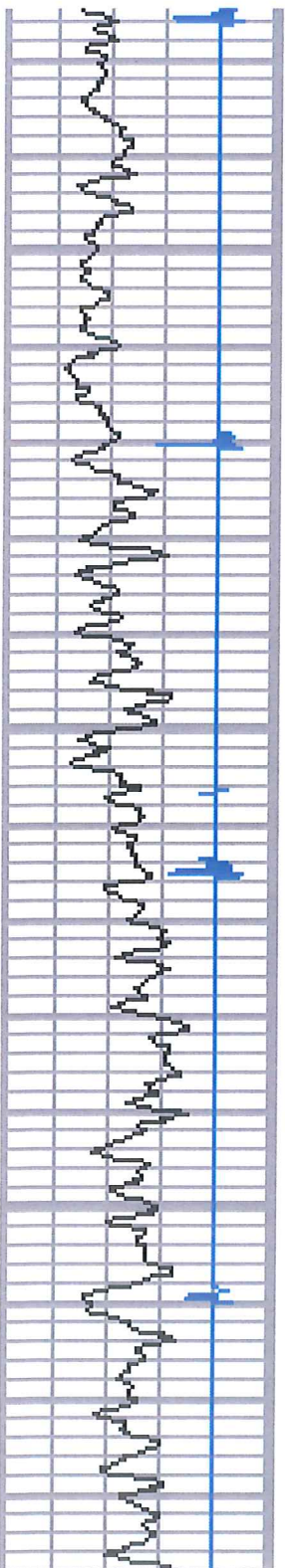


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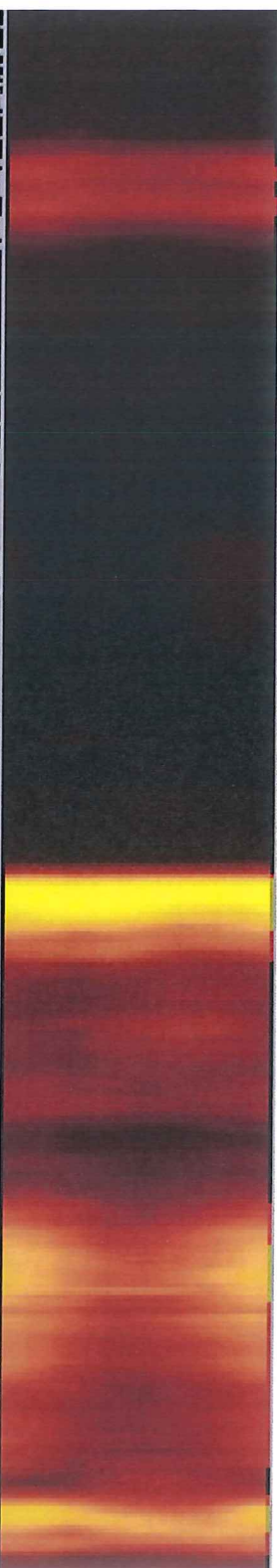
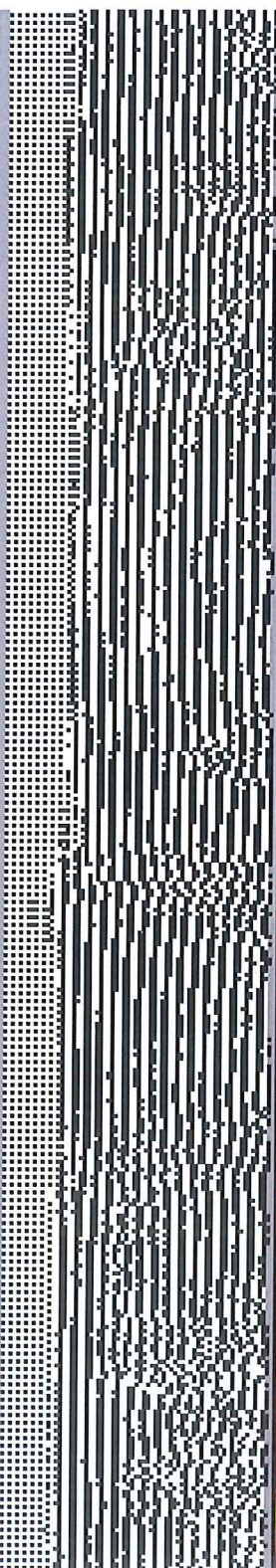
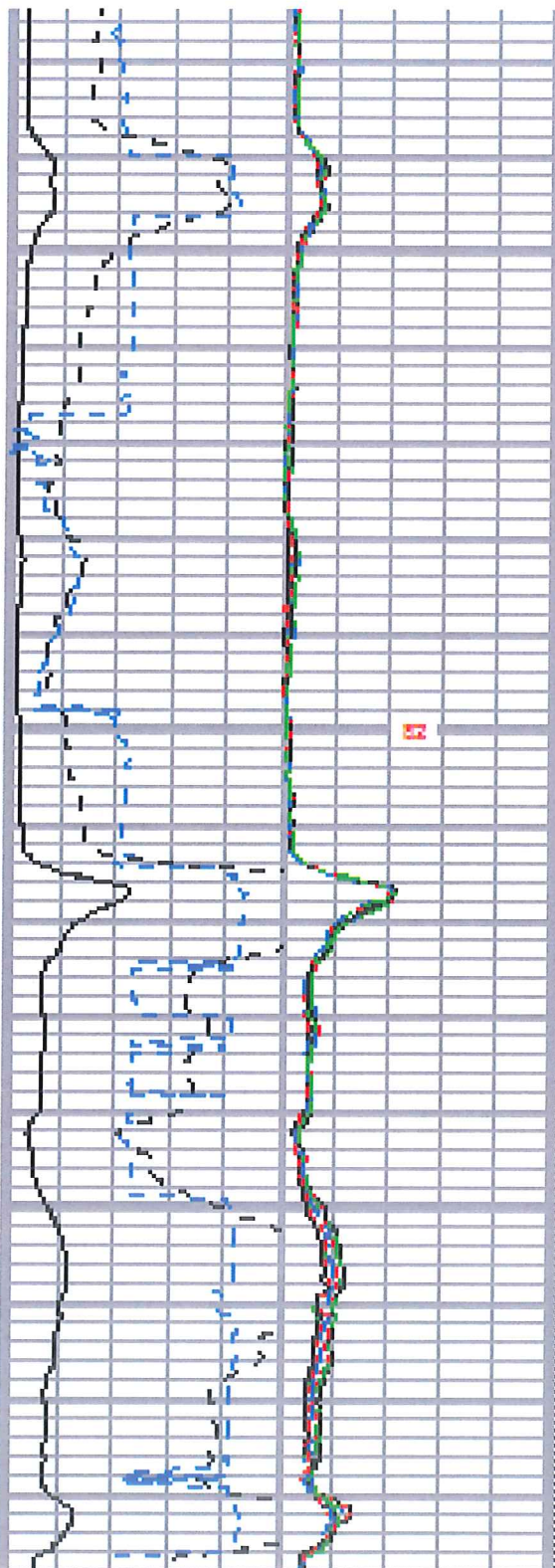
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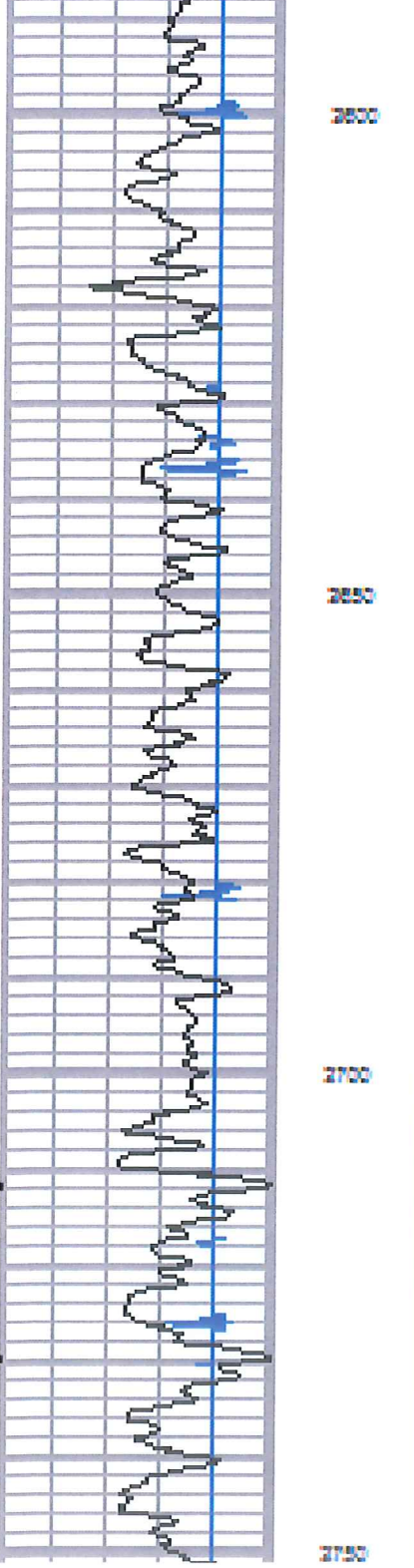
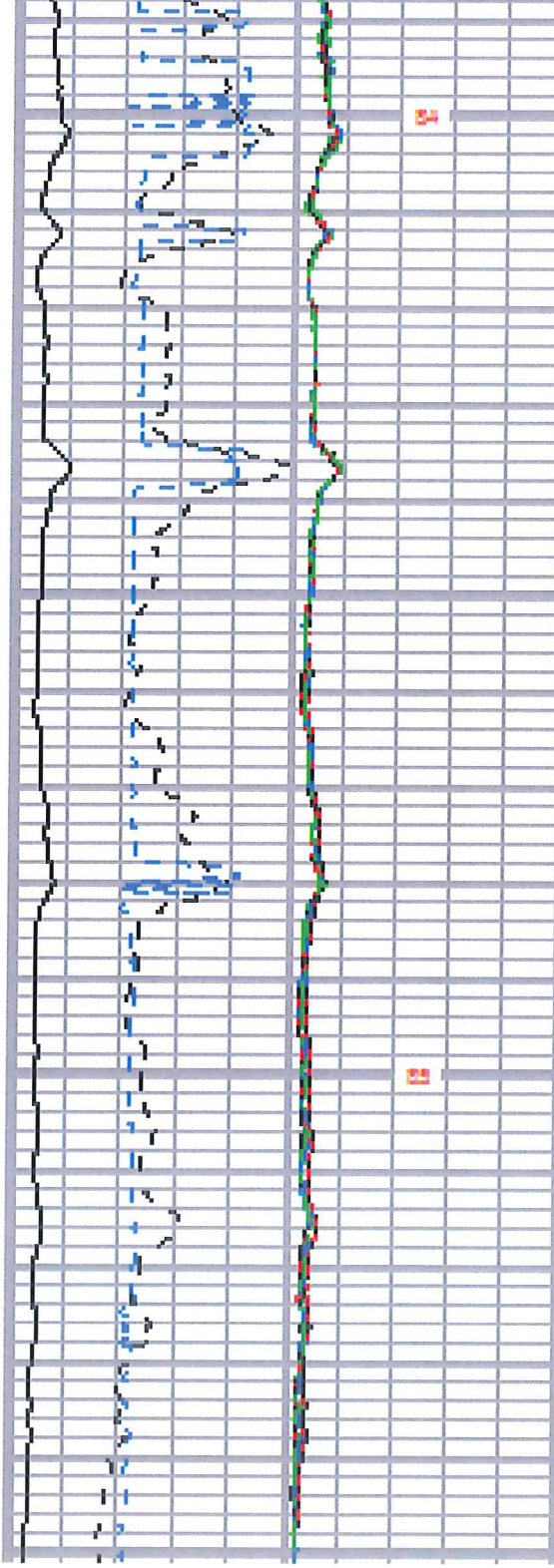
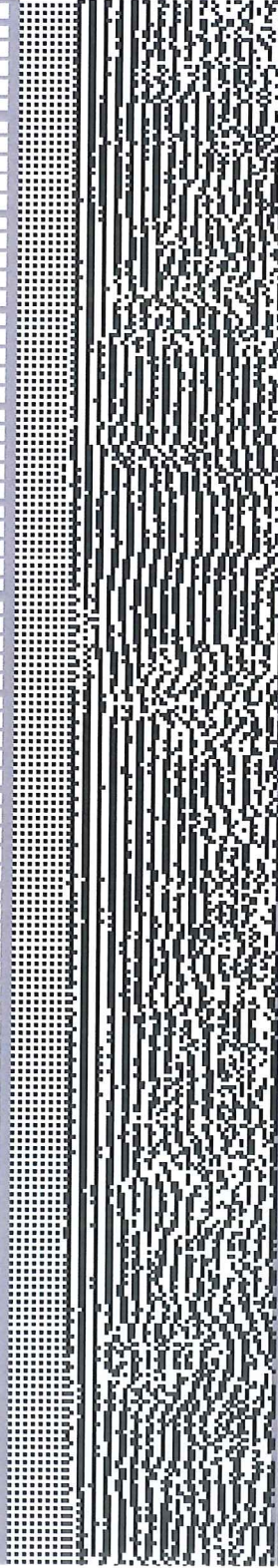
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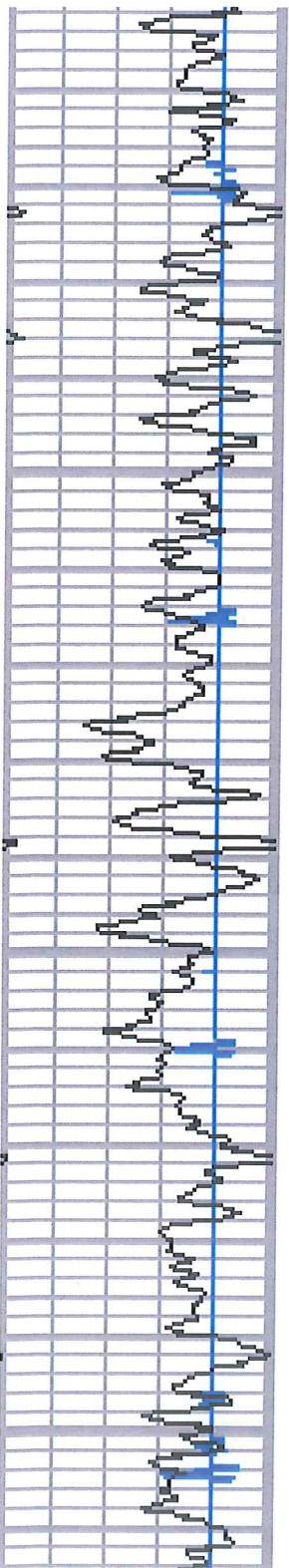




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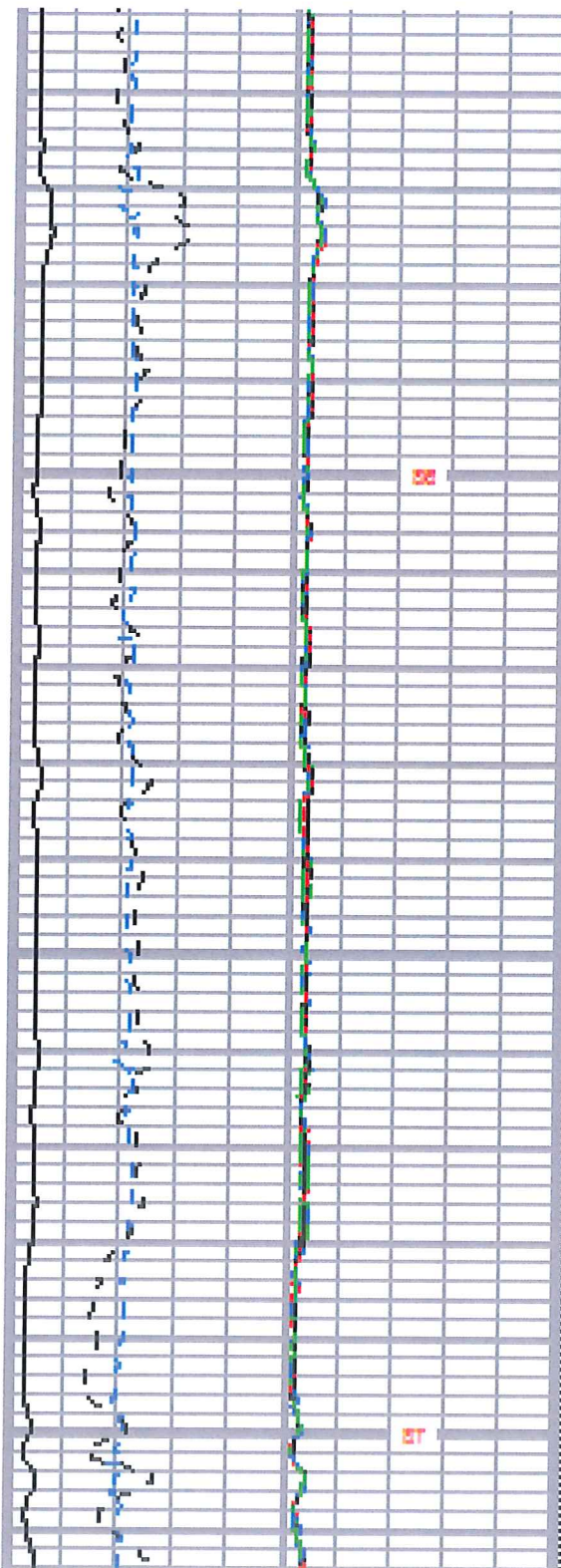




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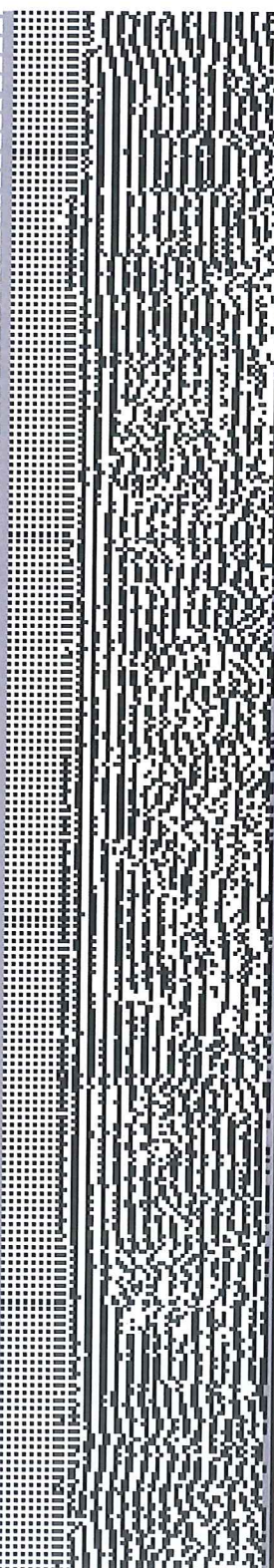
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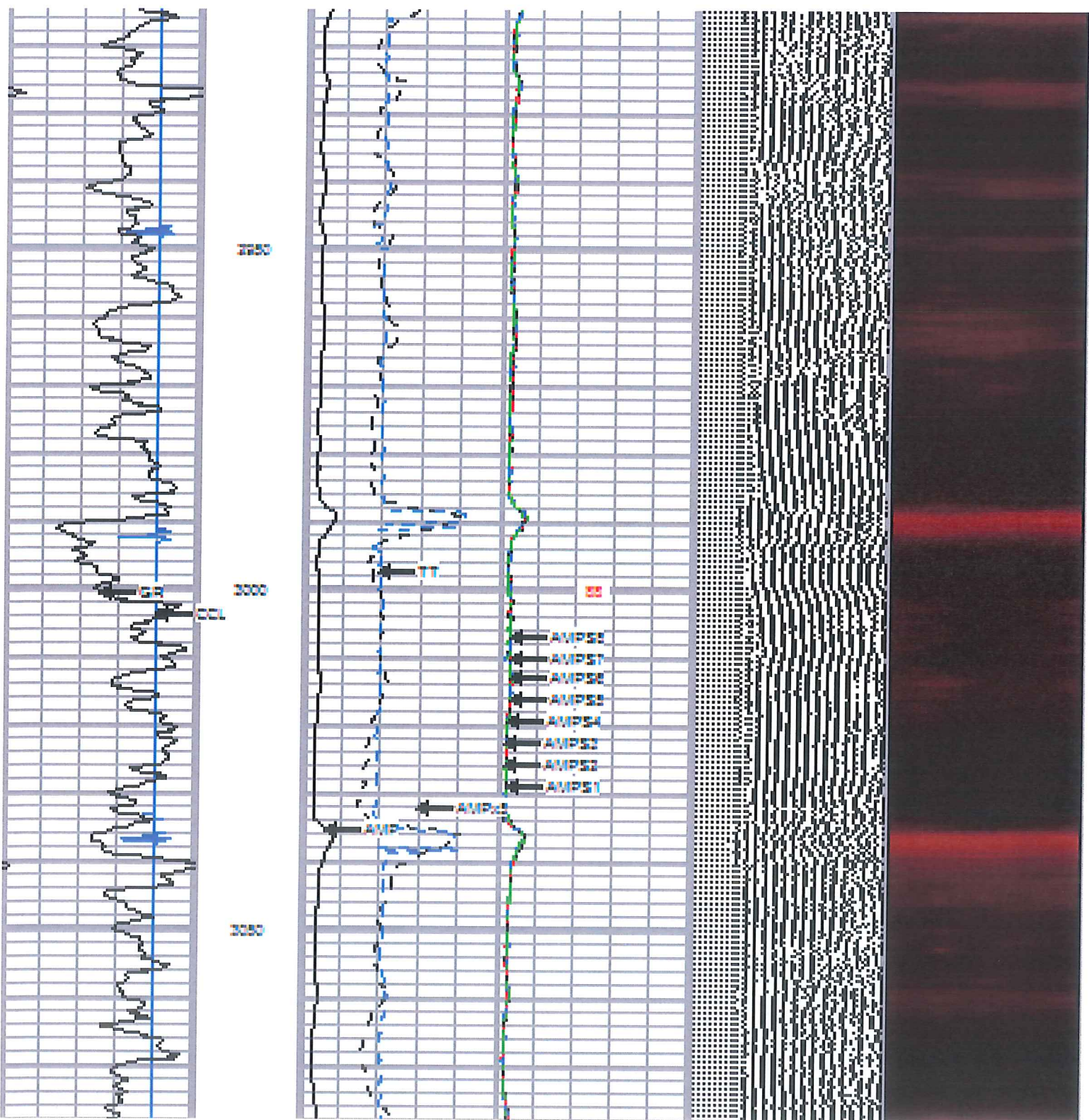
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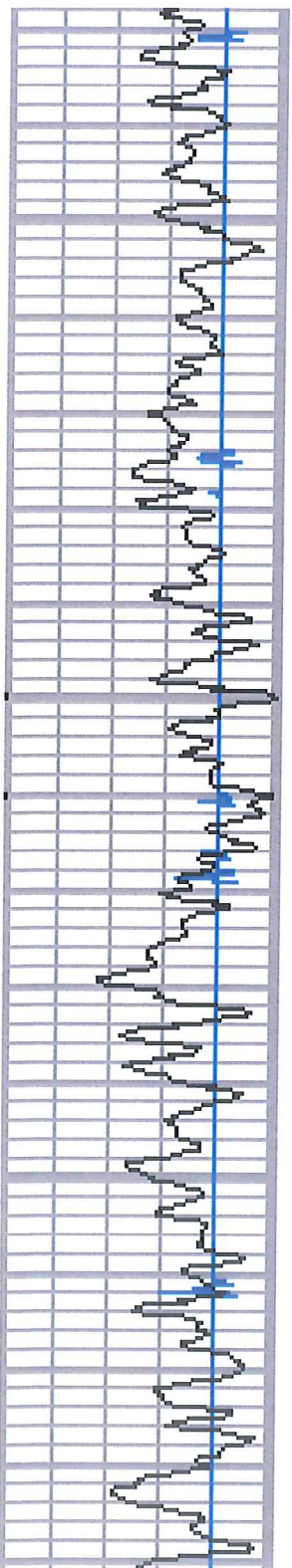


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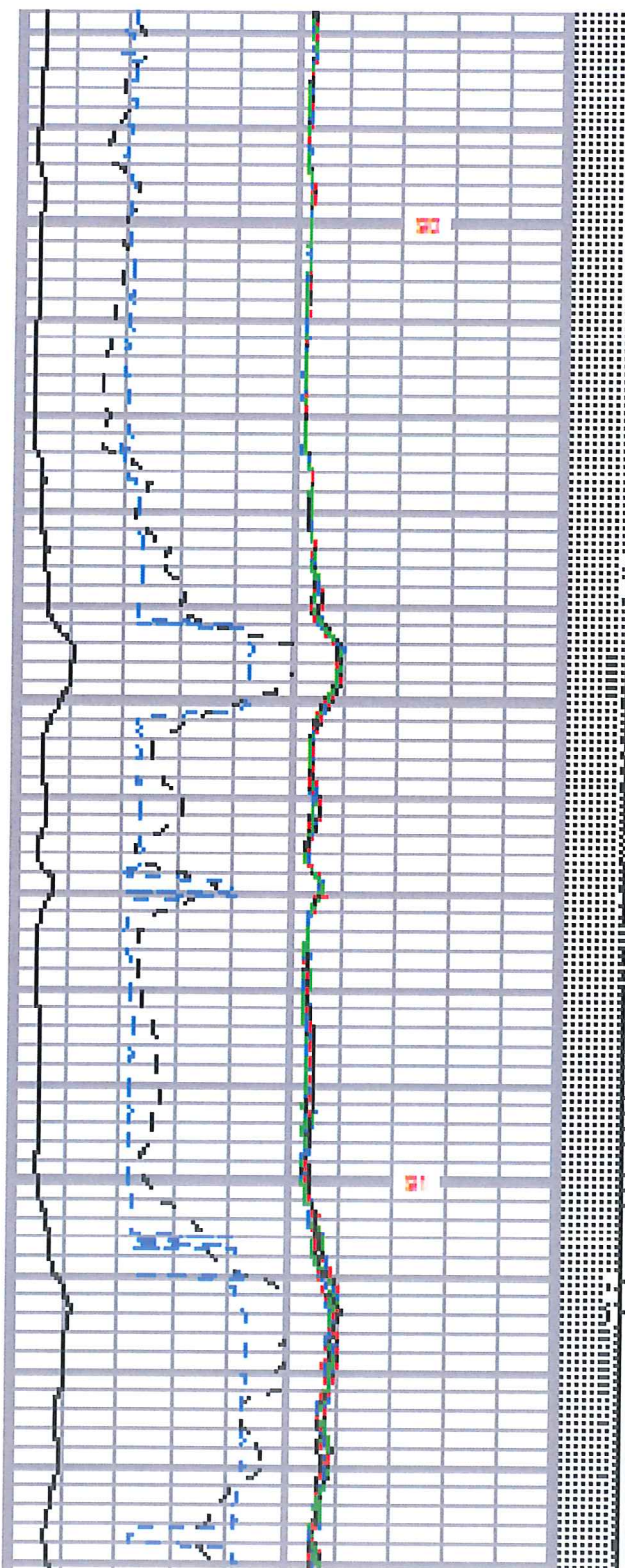




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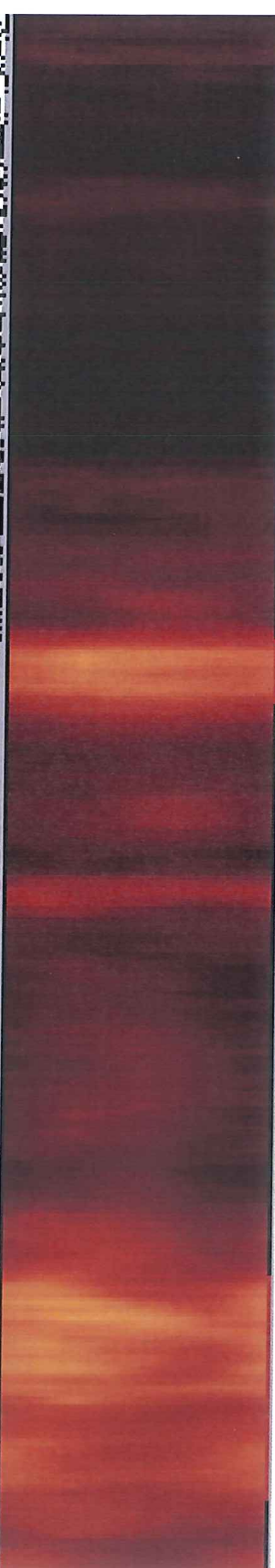
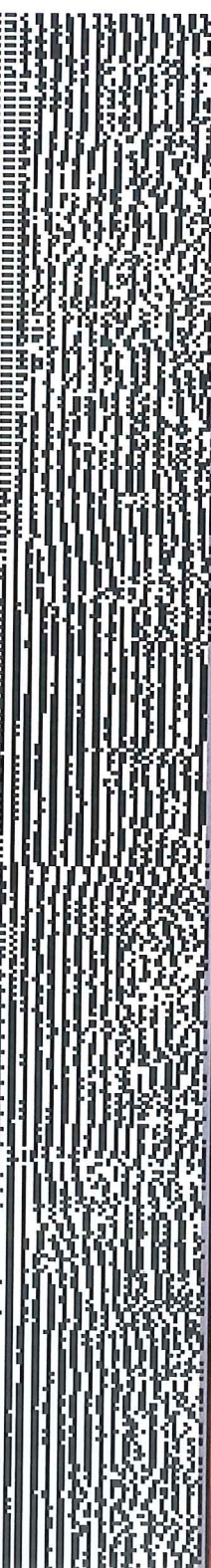
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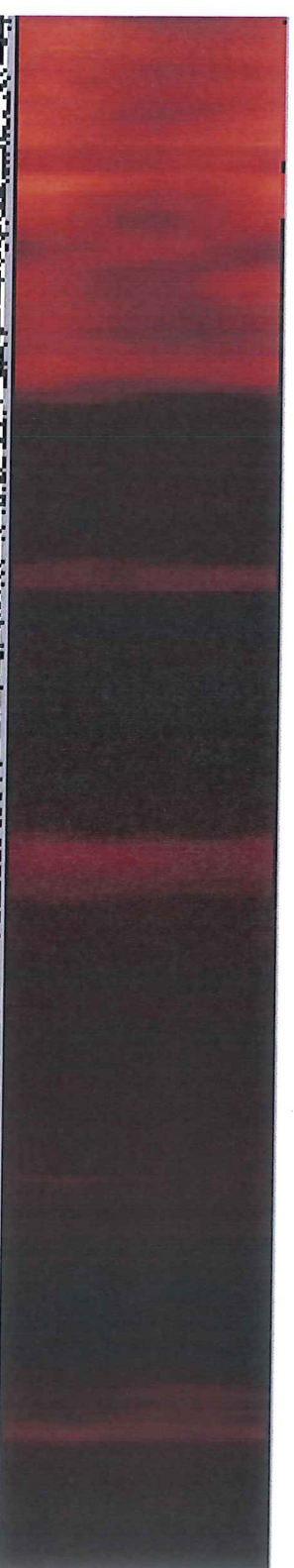
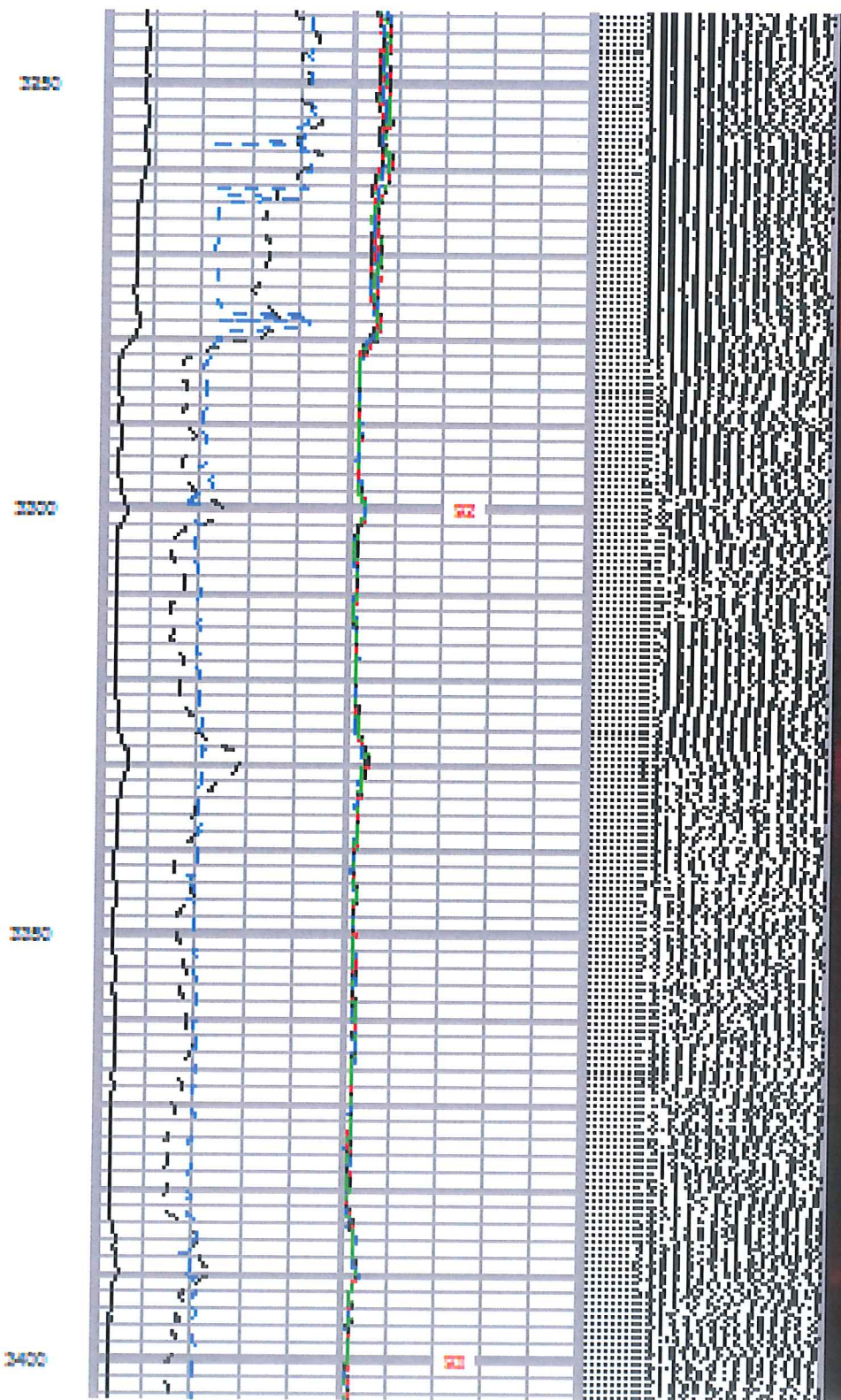
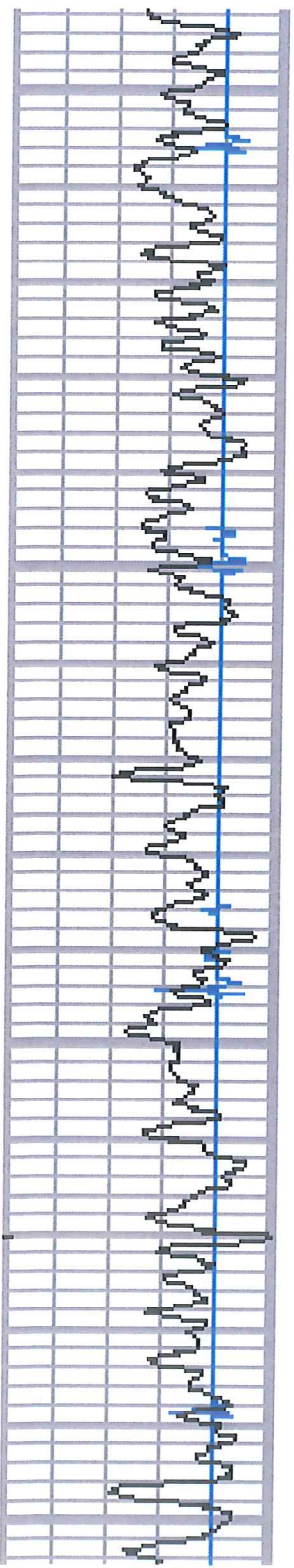
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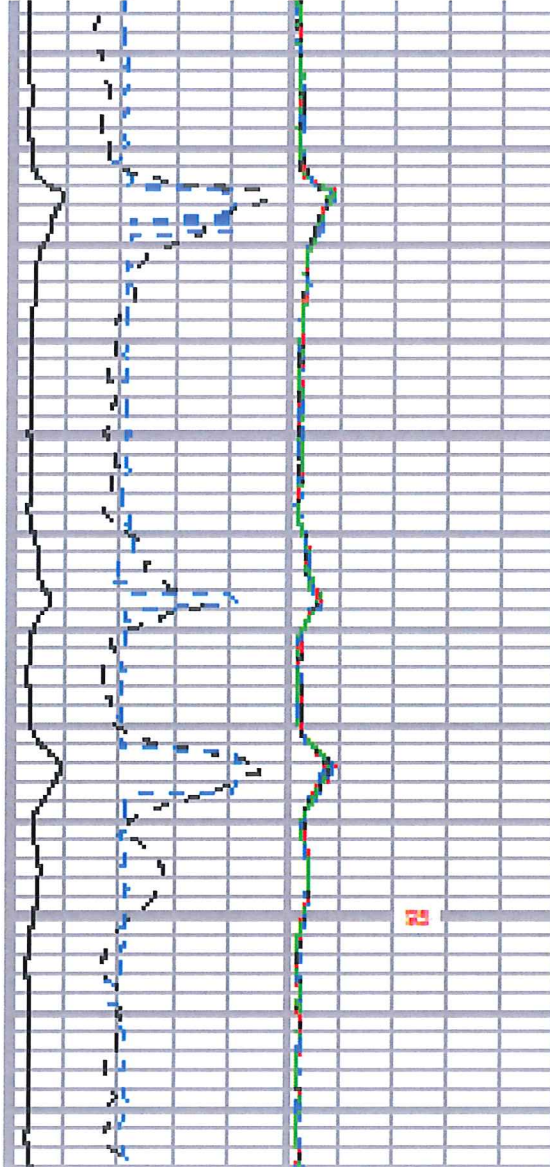
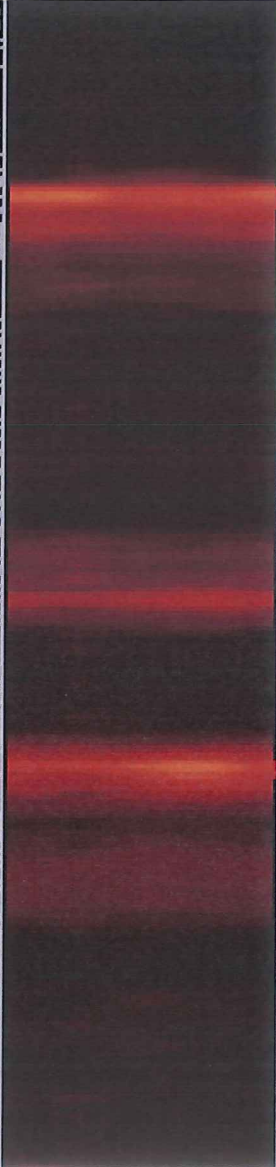


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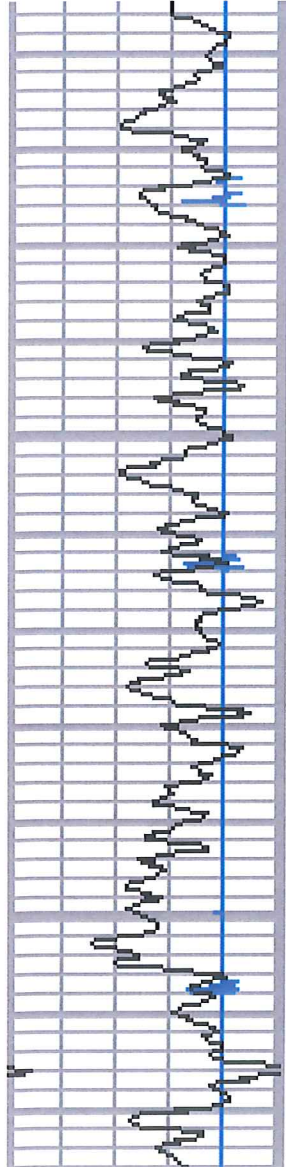


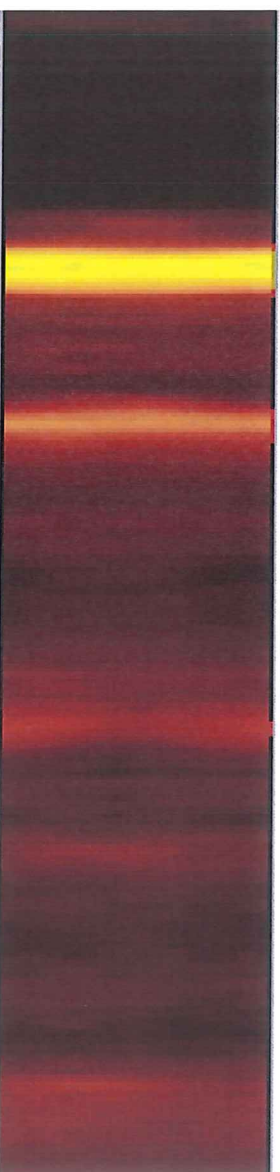
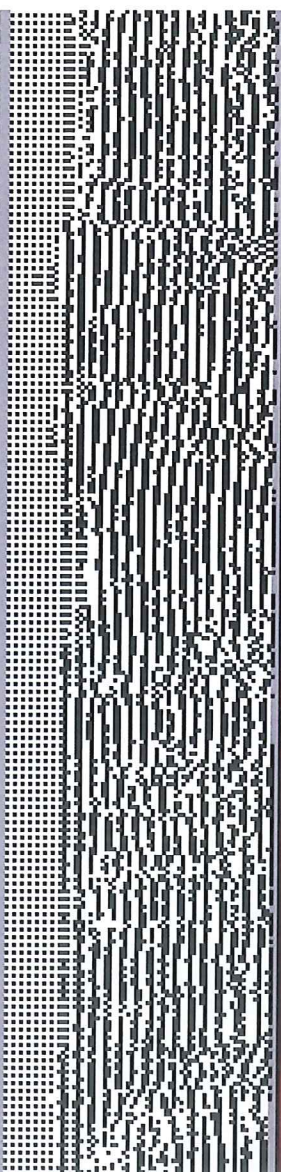
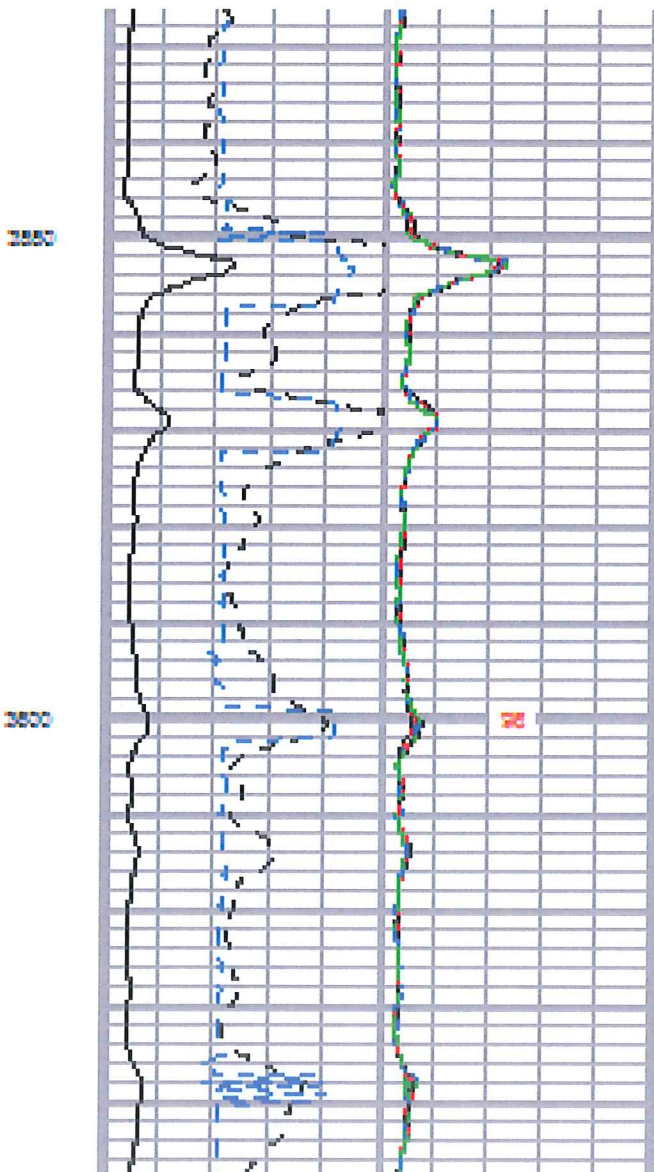
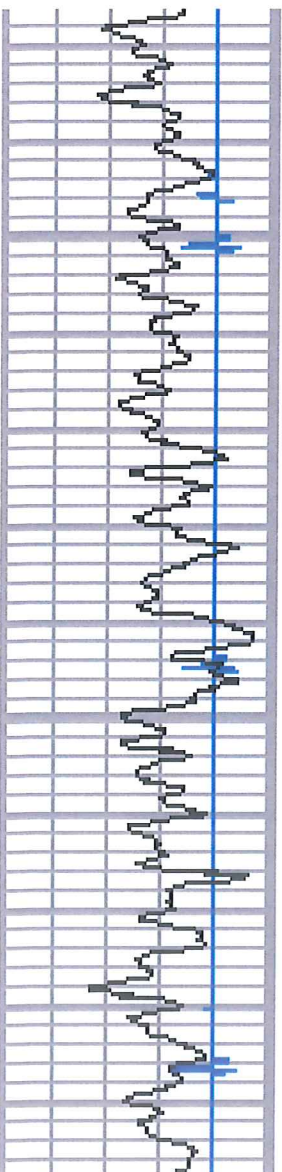


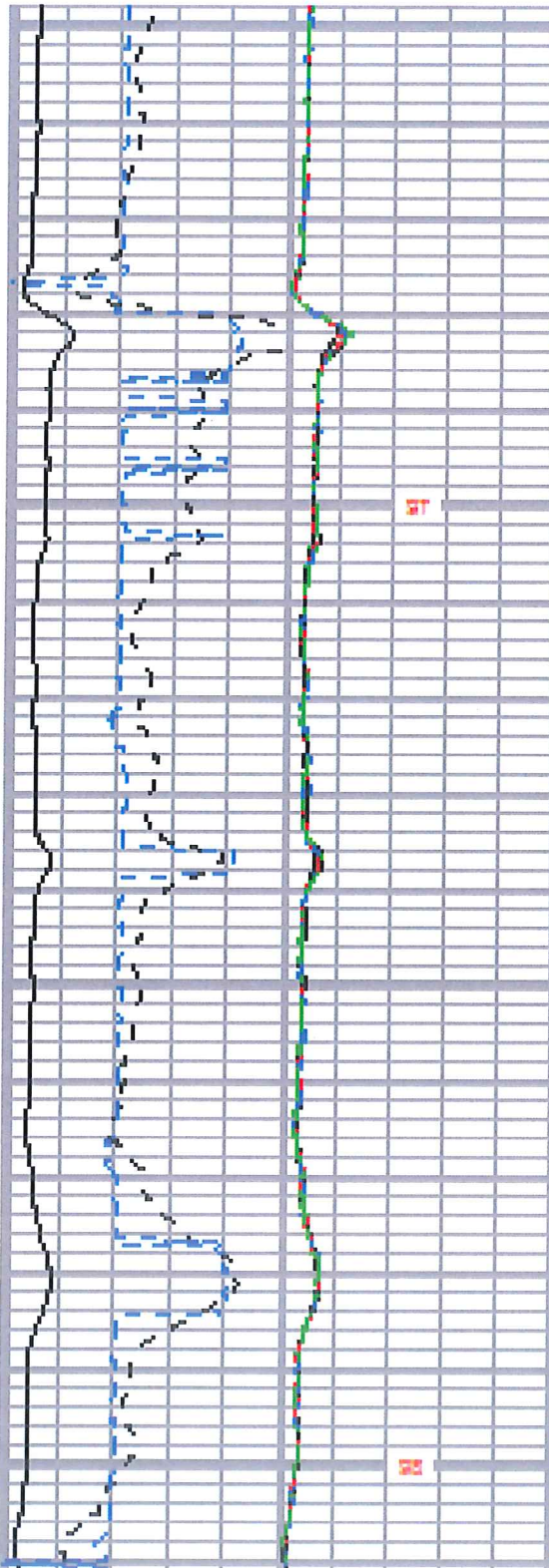


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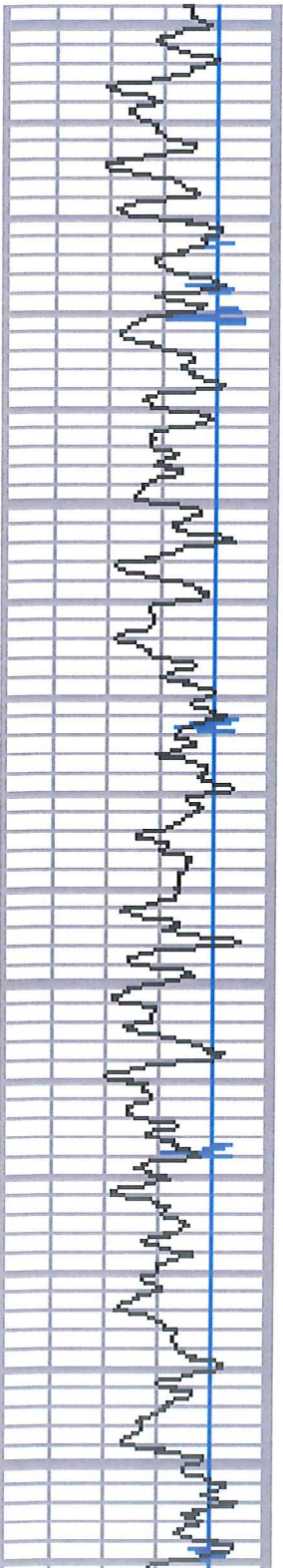
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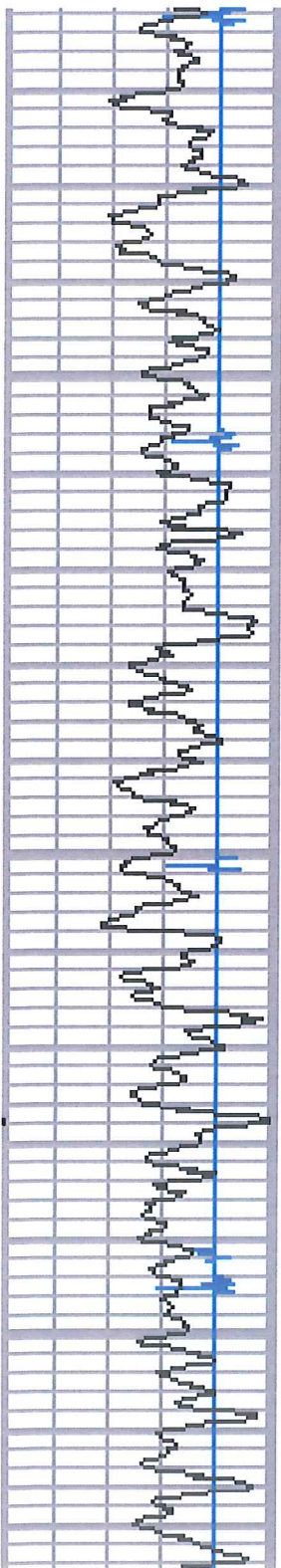






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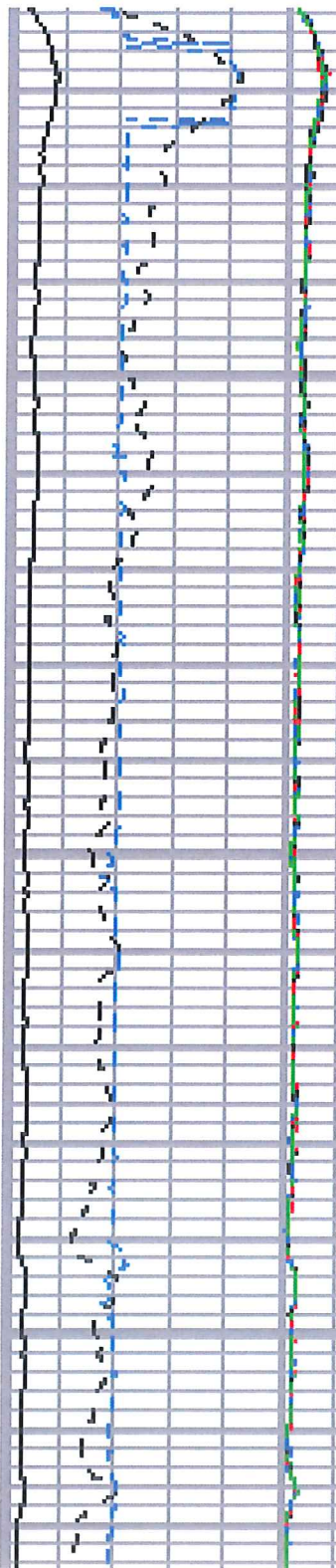




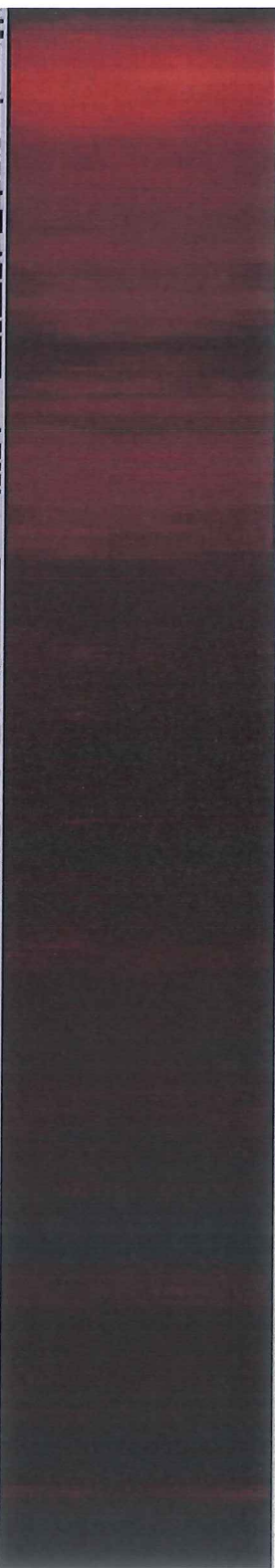
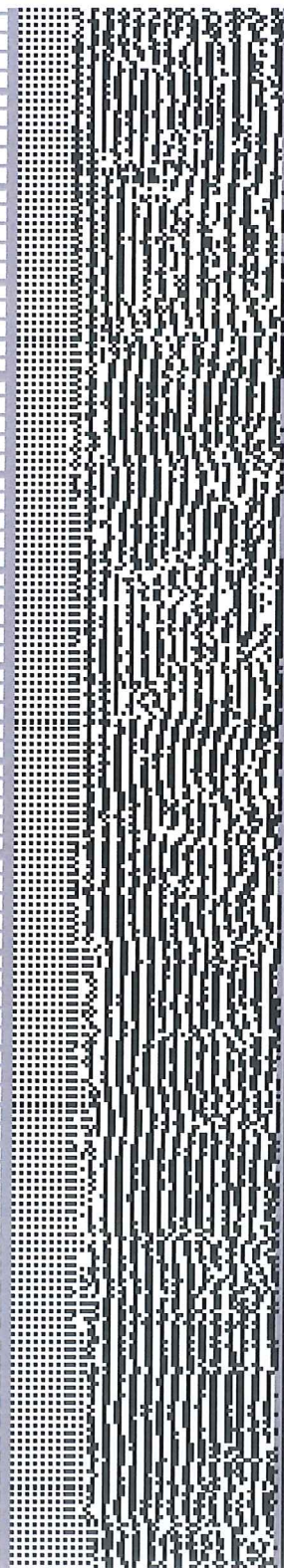
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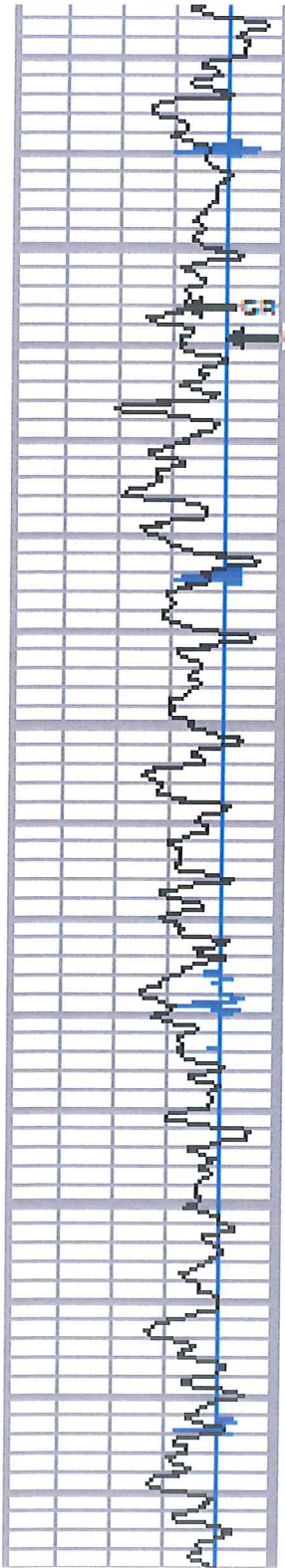
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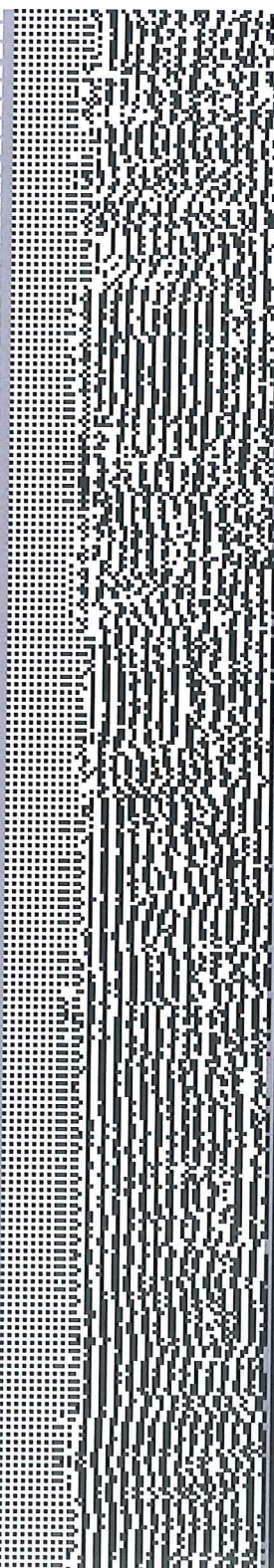
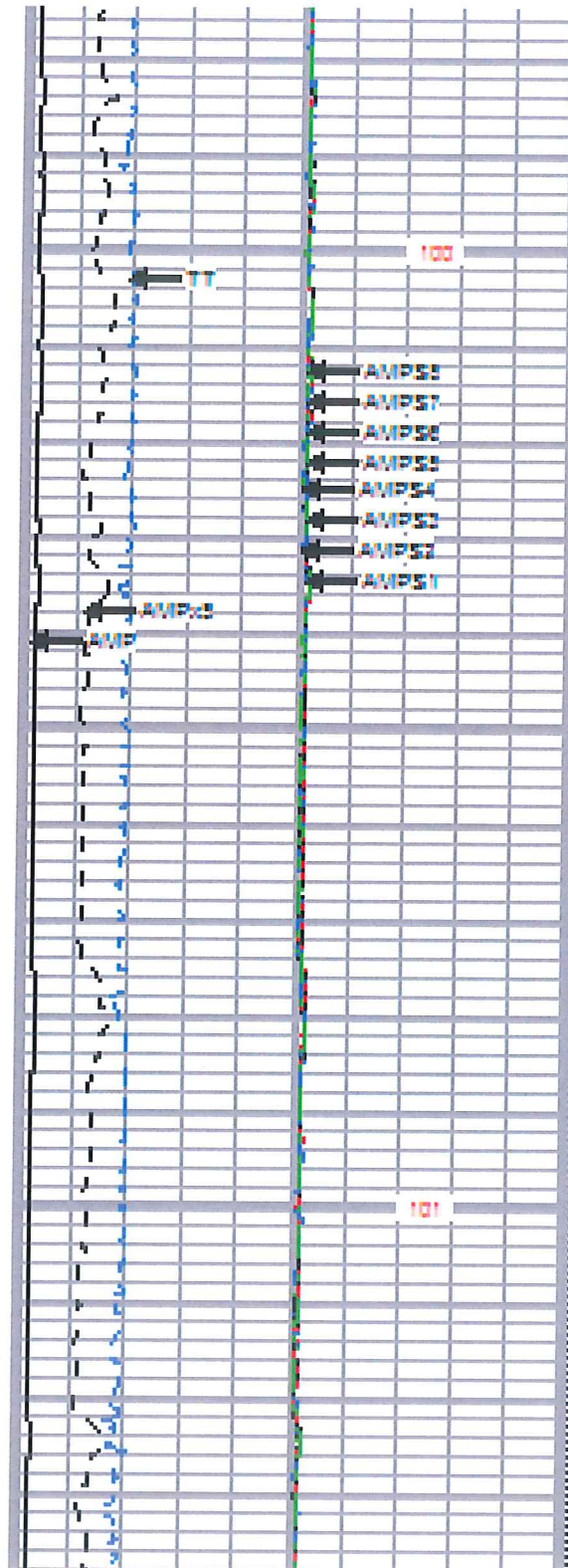


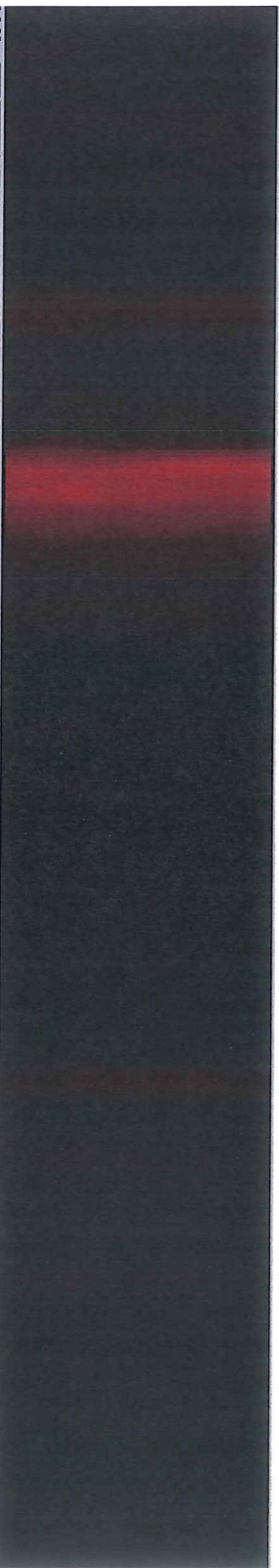
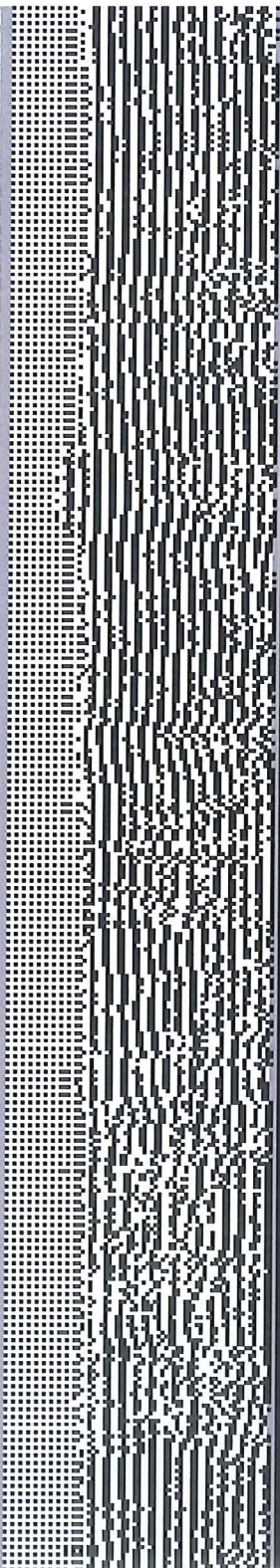
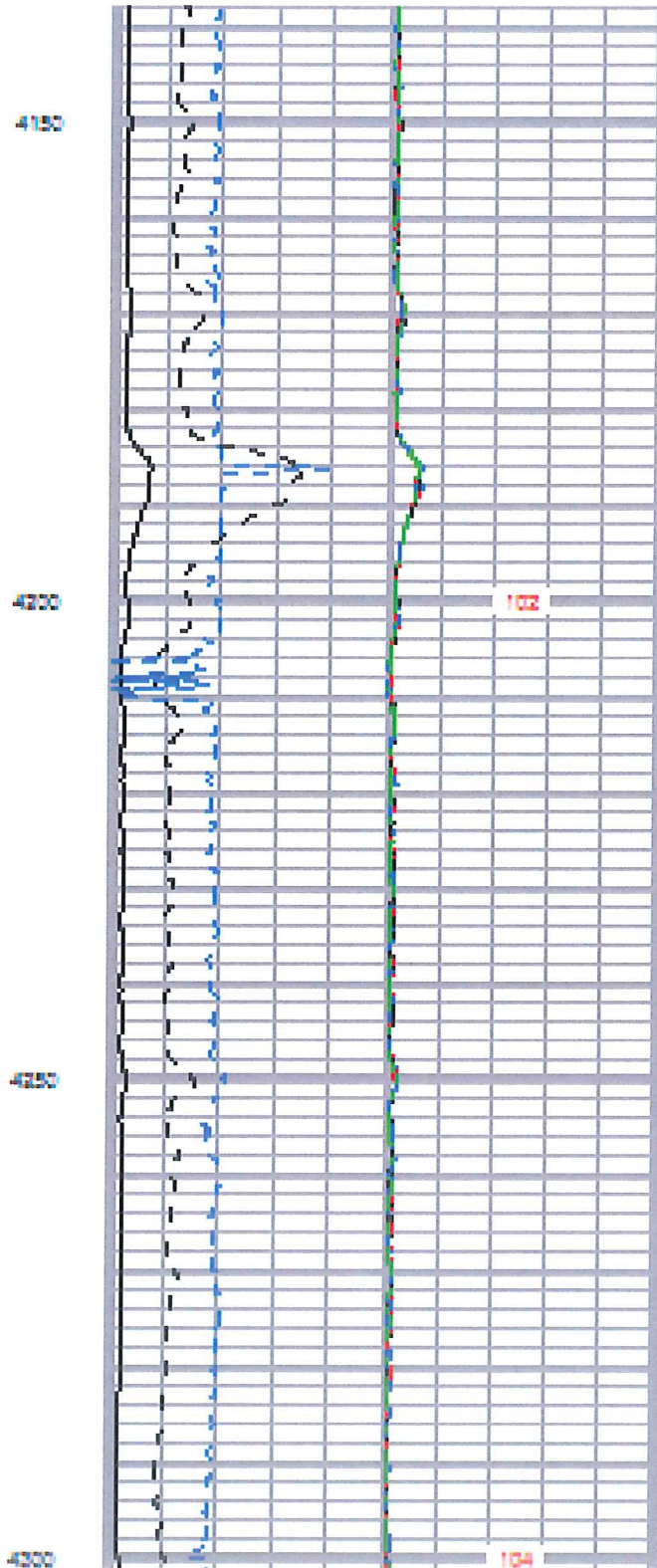
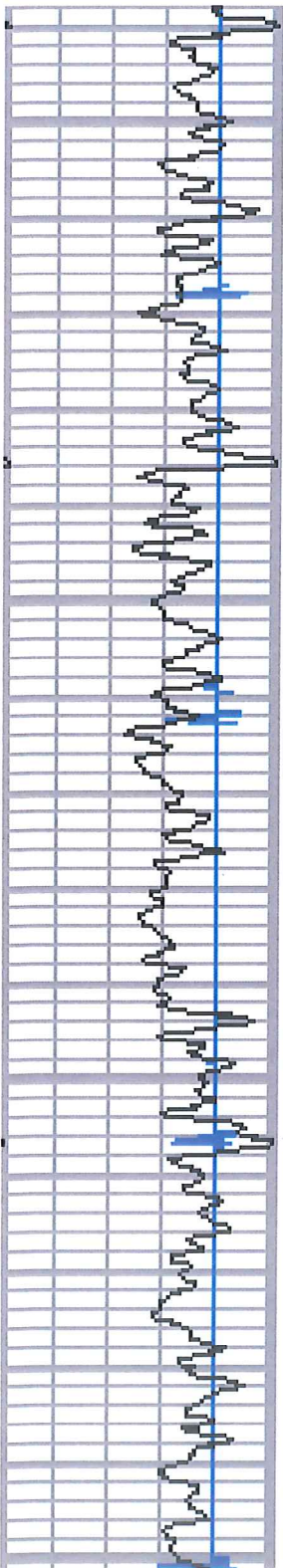
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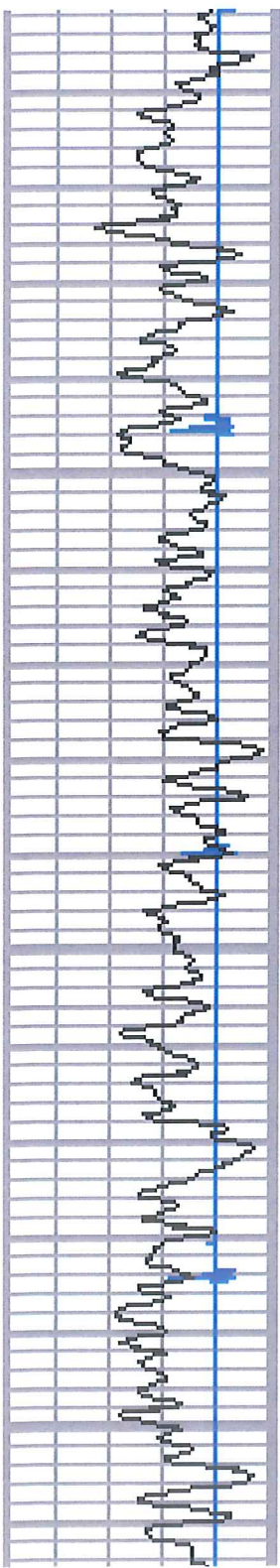




4000
4100
4200



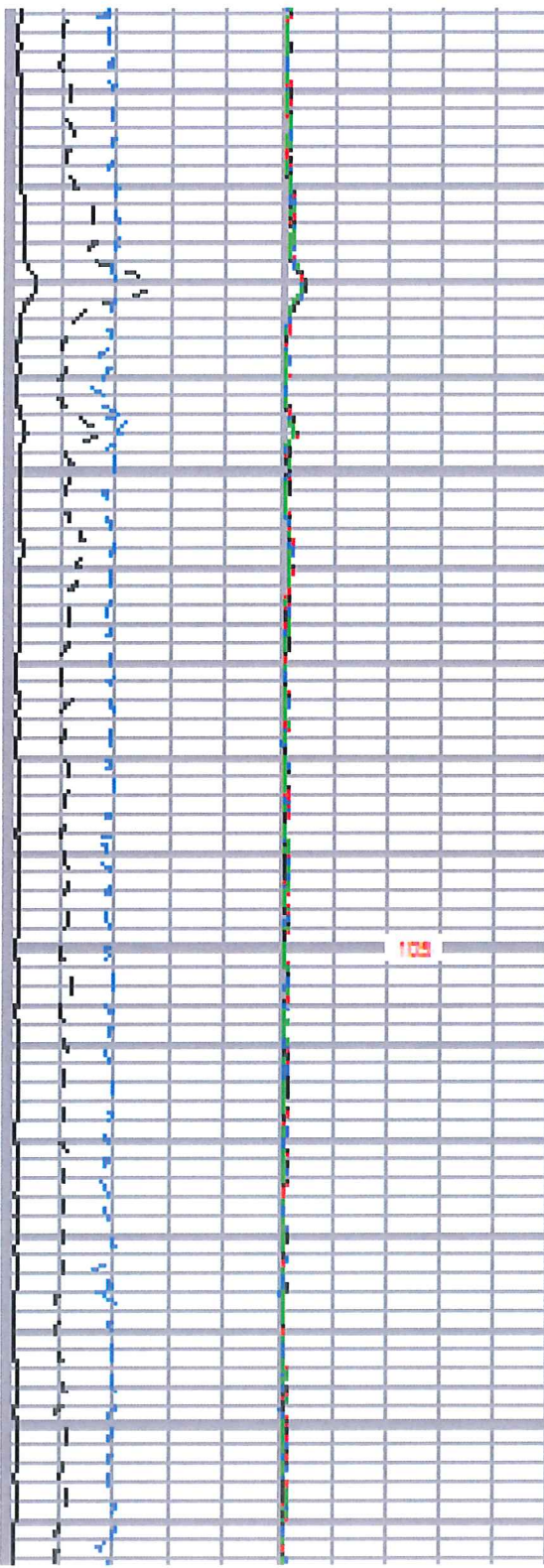




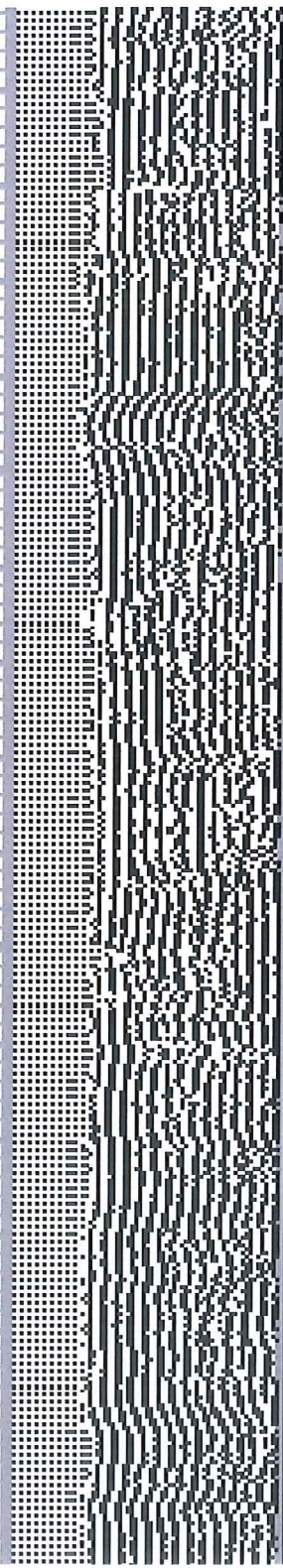
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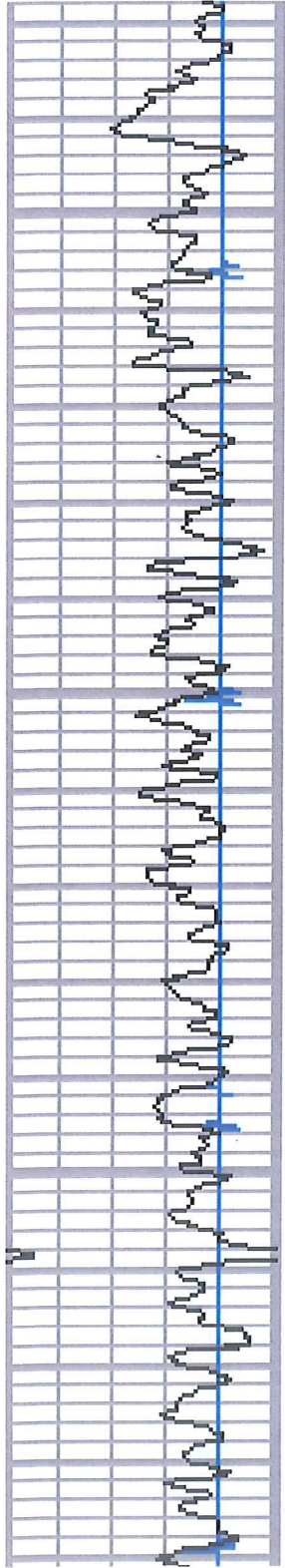
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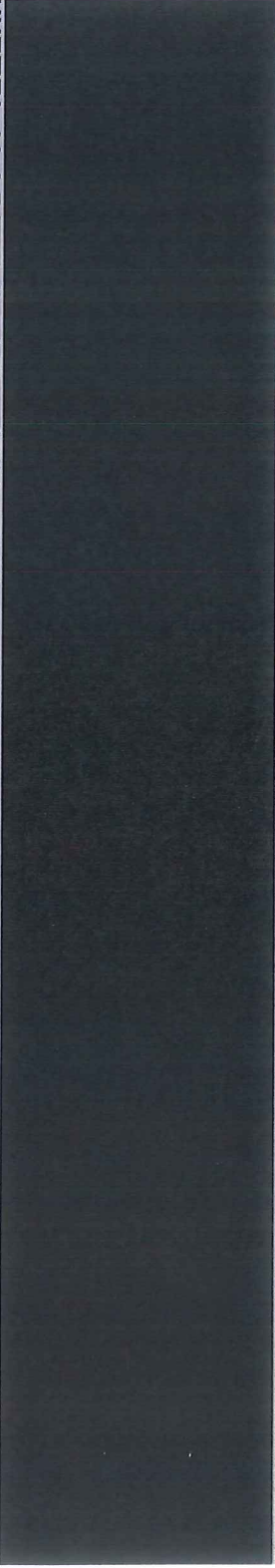
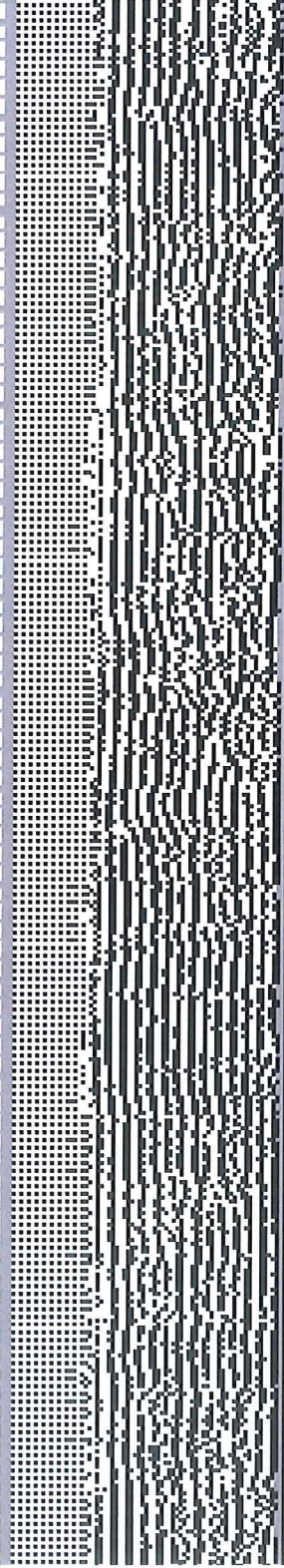
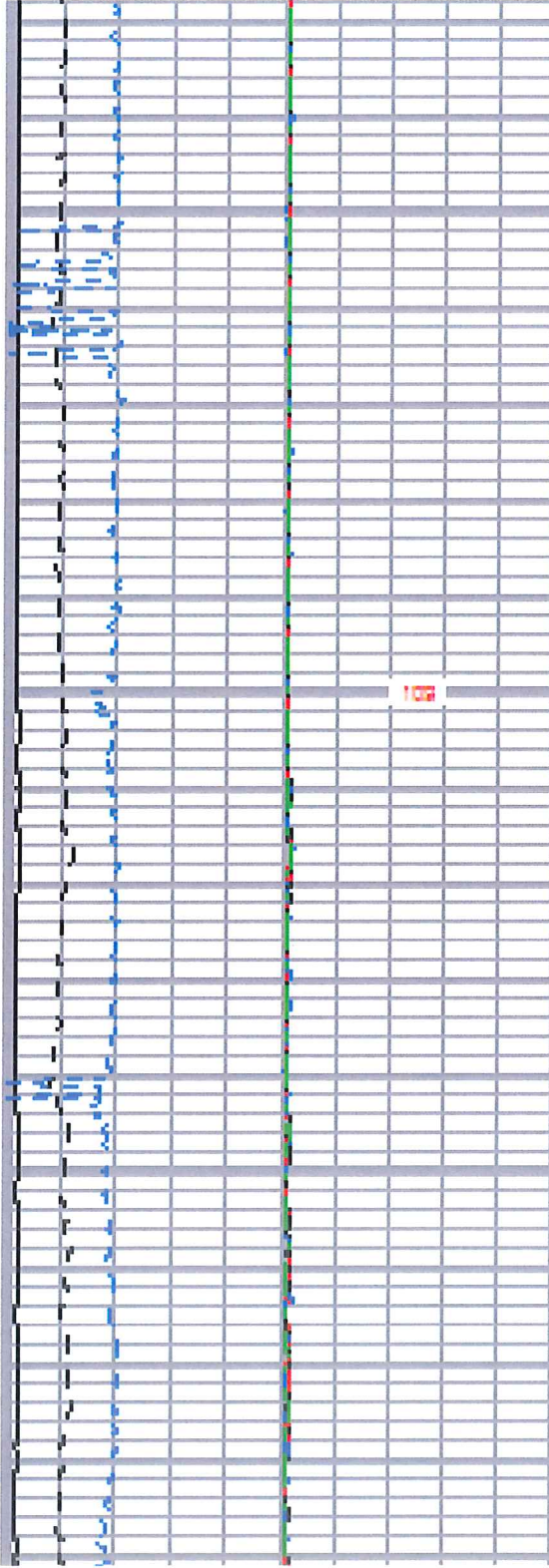


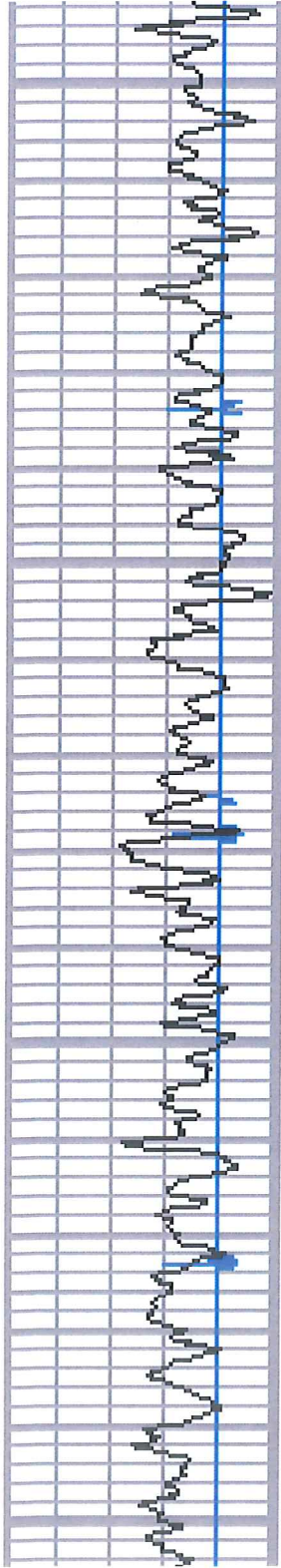
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ECG 12-lead



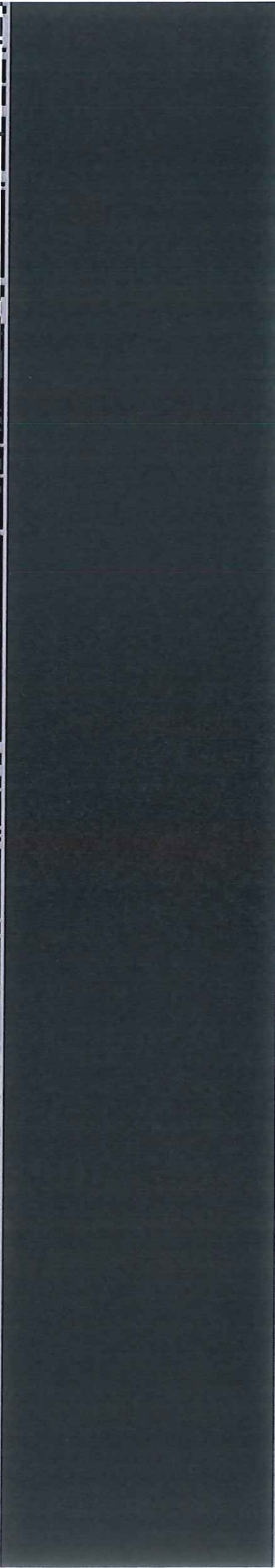
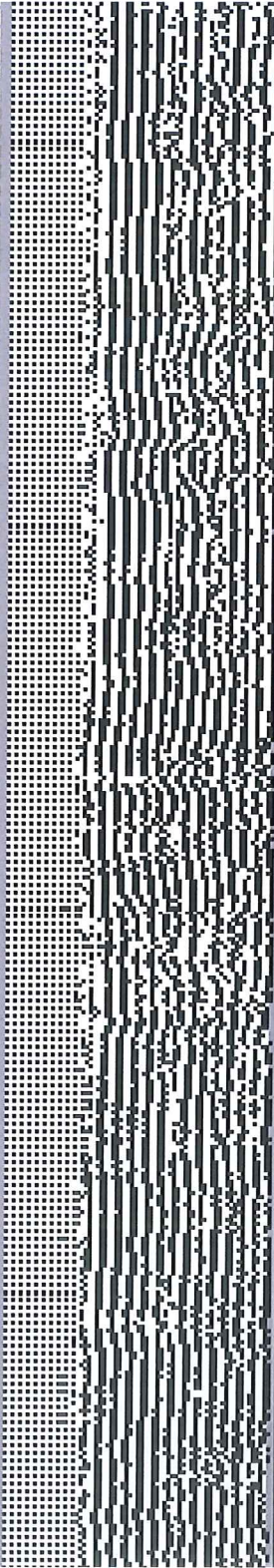
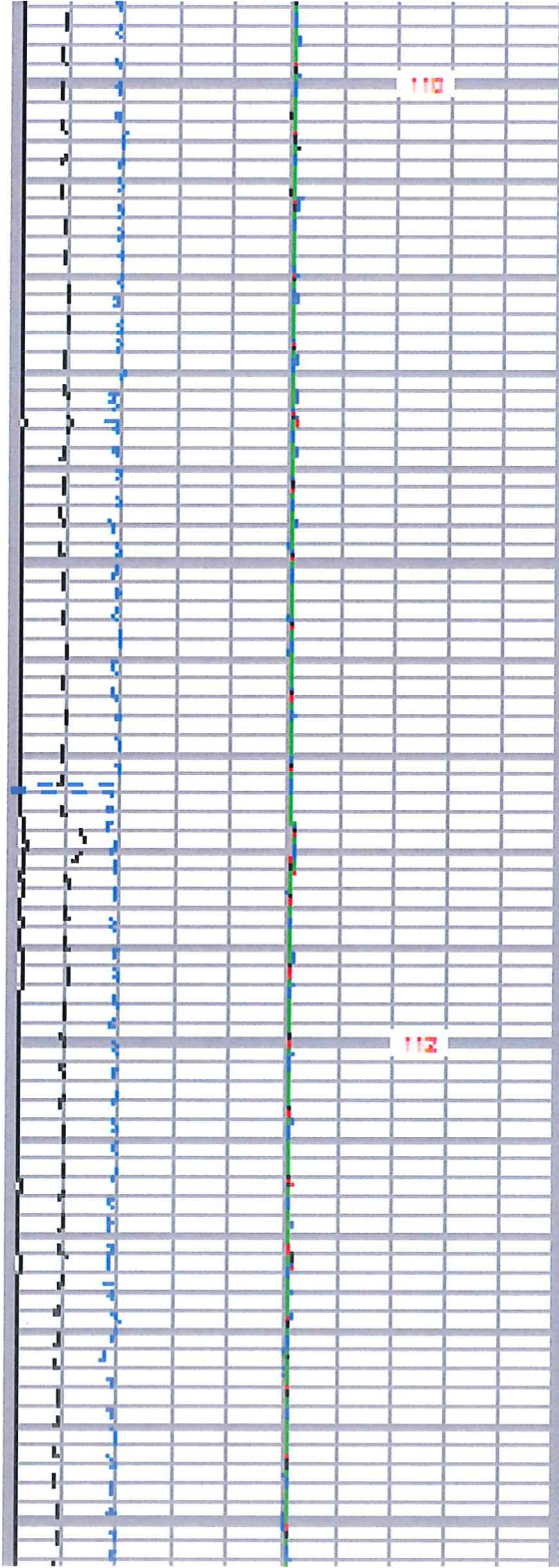


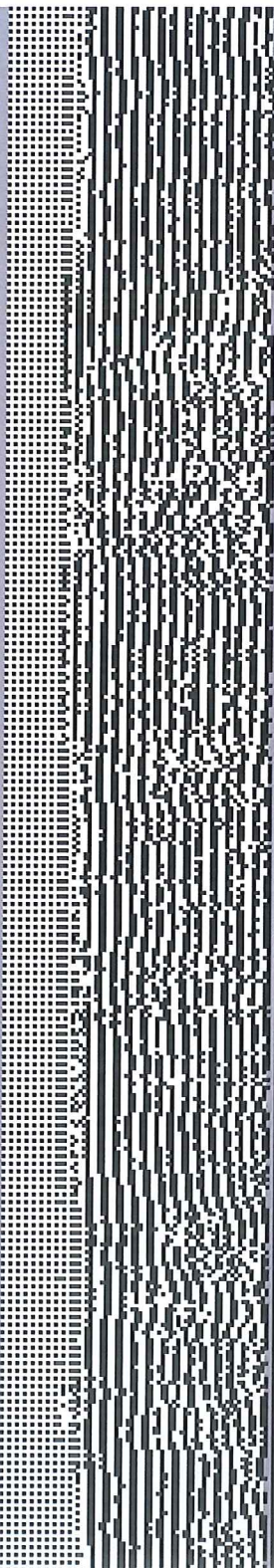
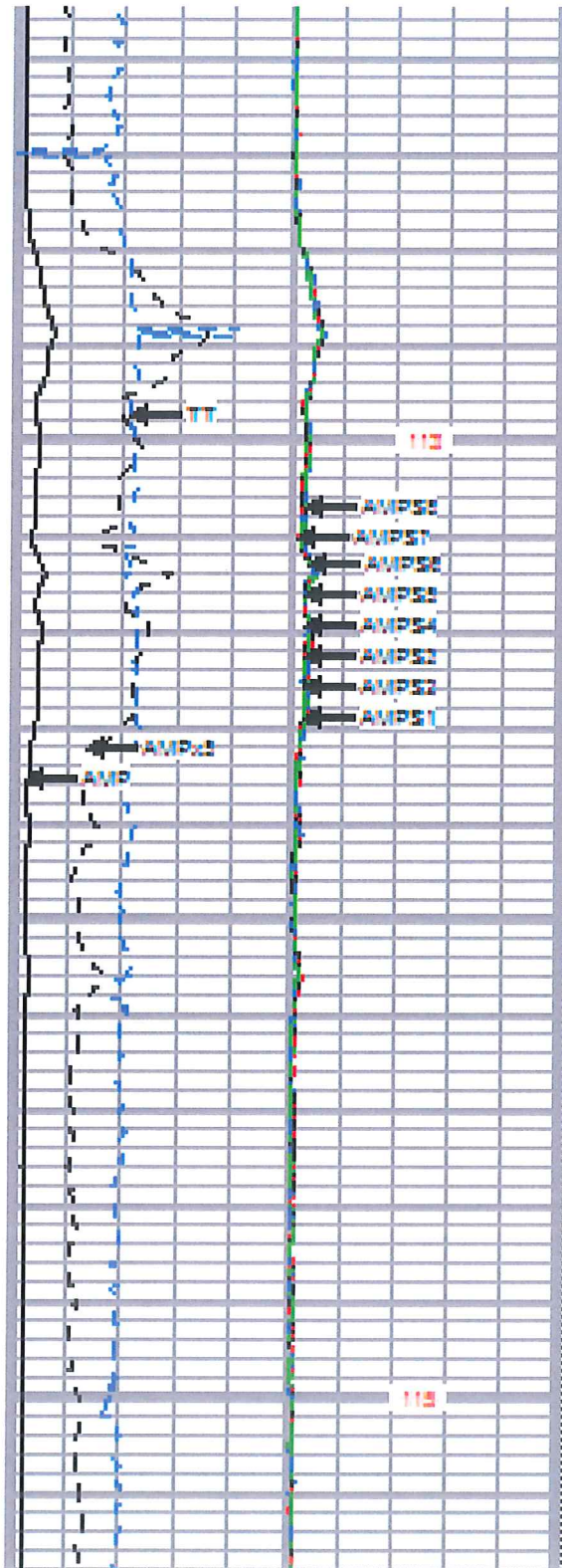
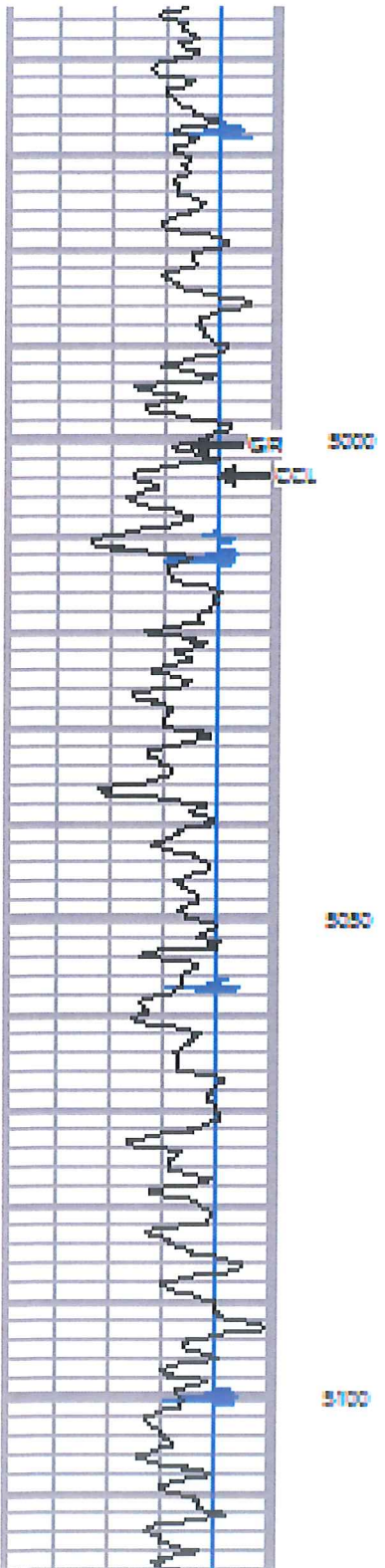
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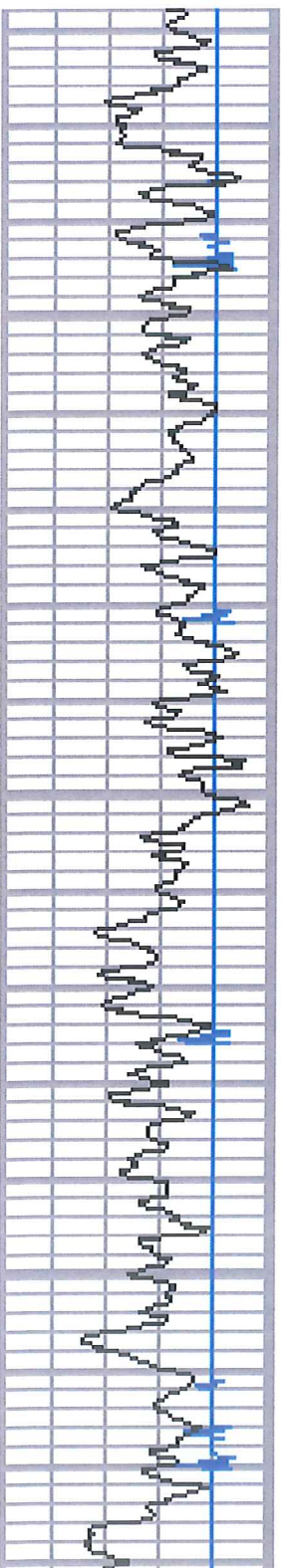
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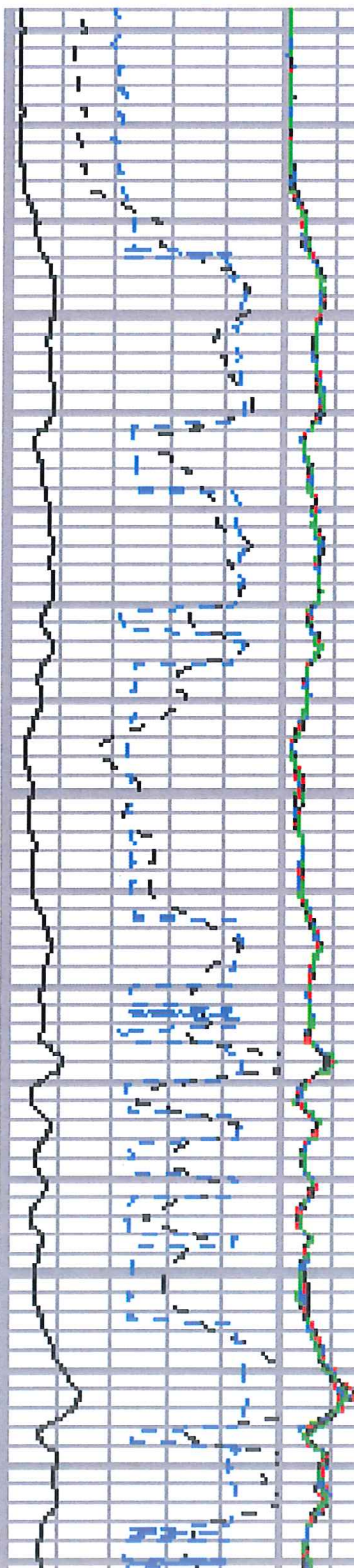
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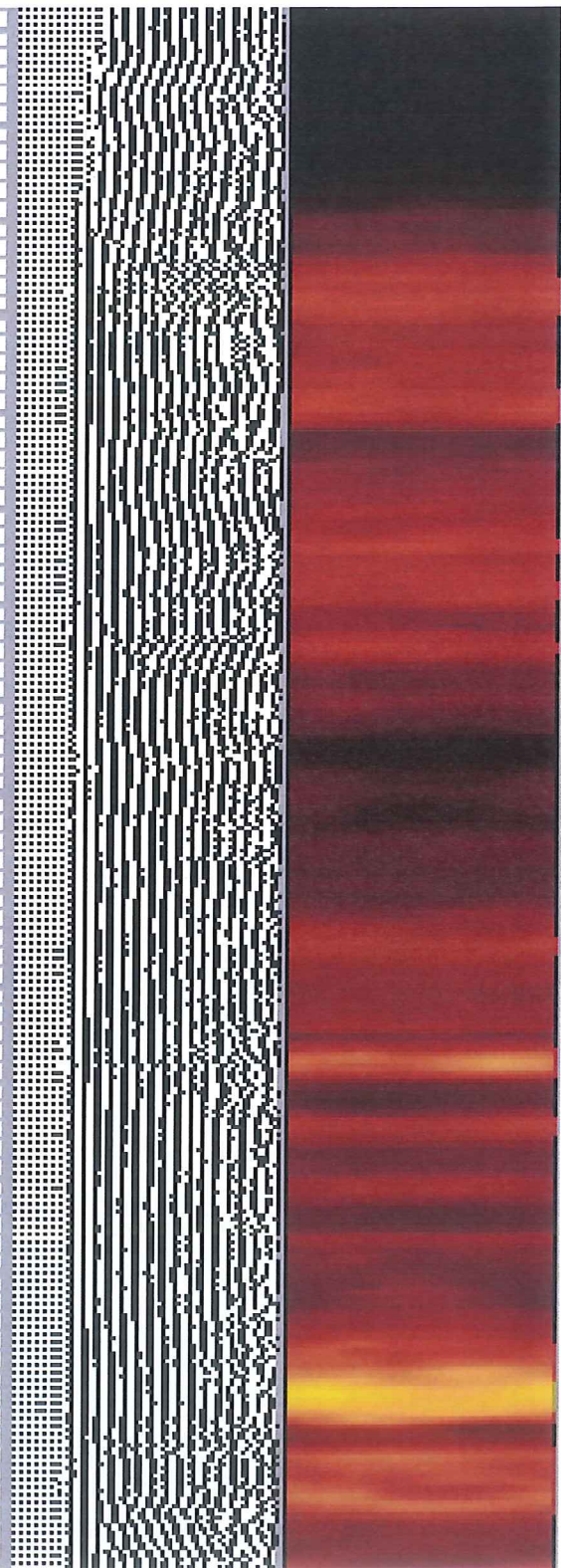


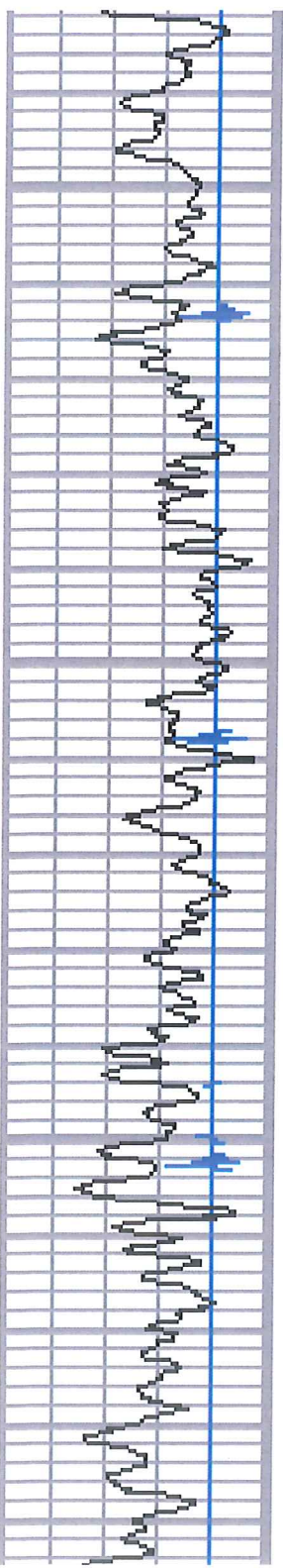


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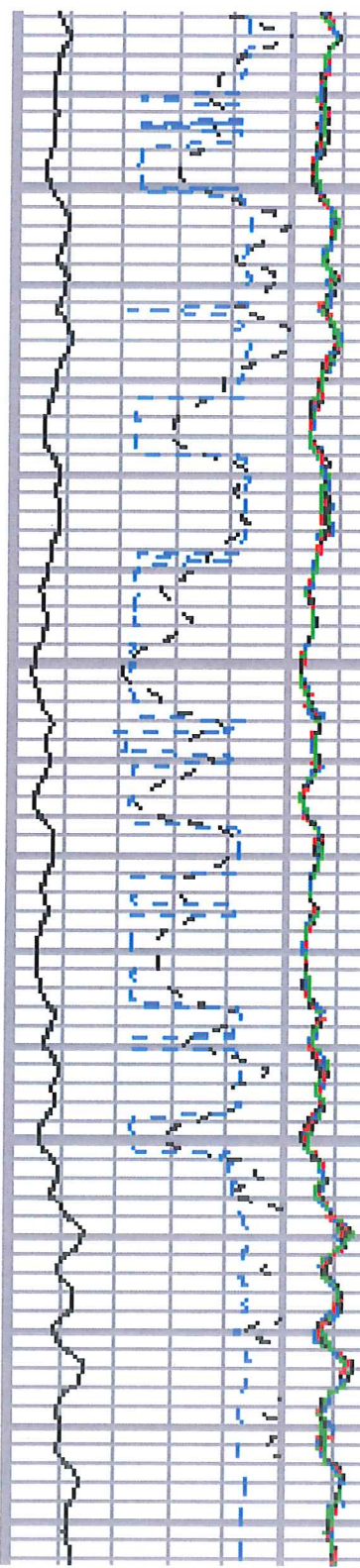


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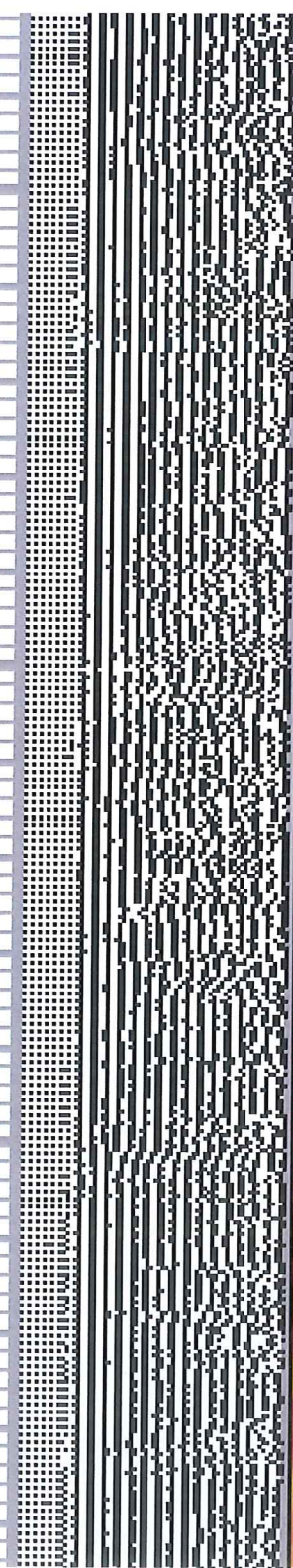


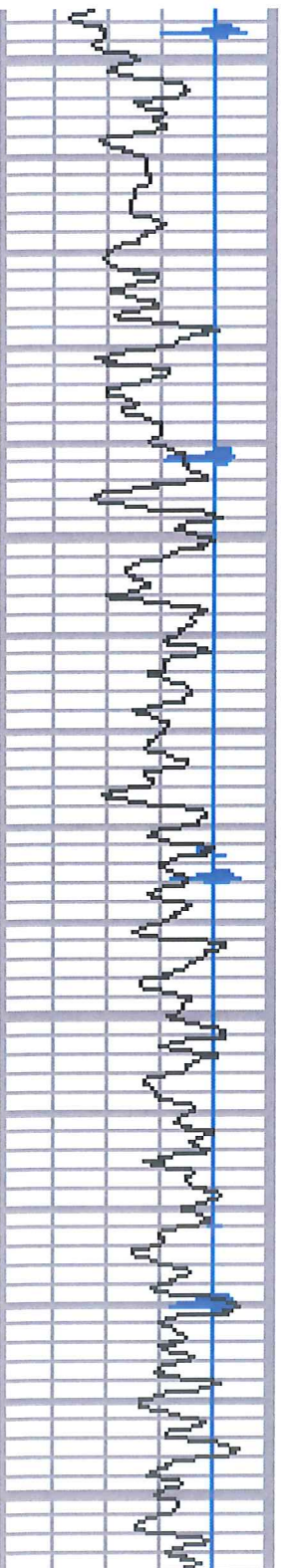


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117 116



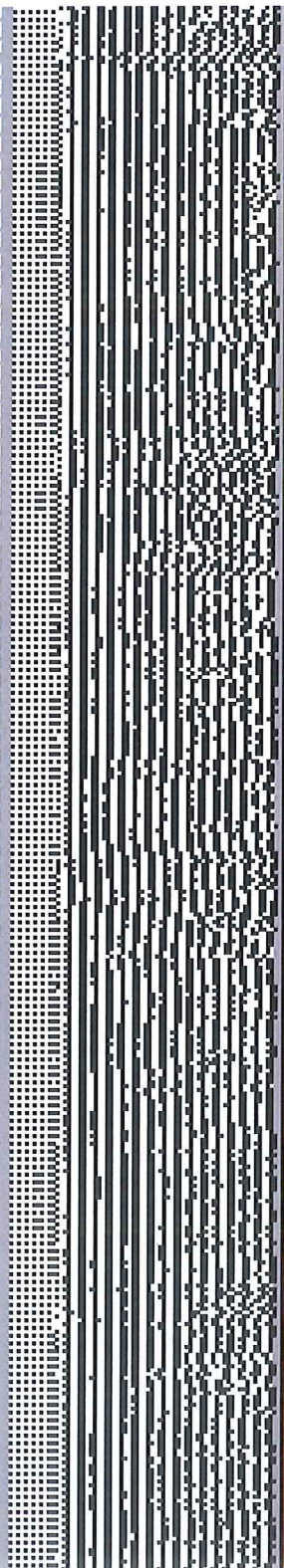
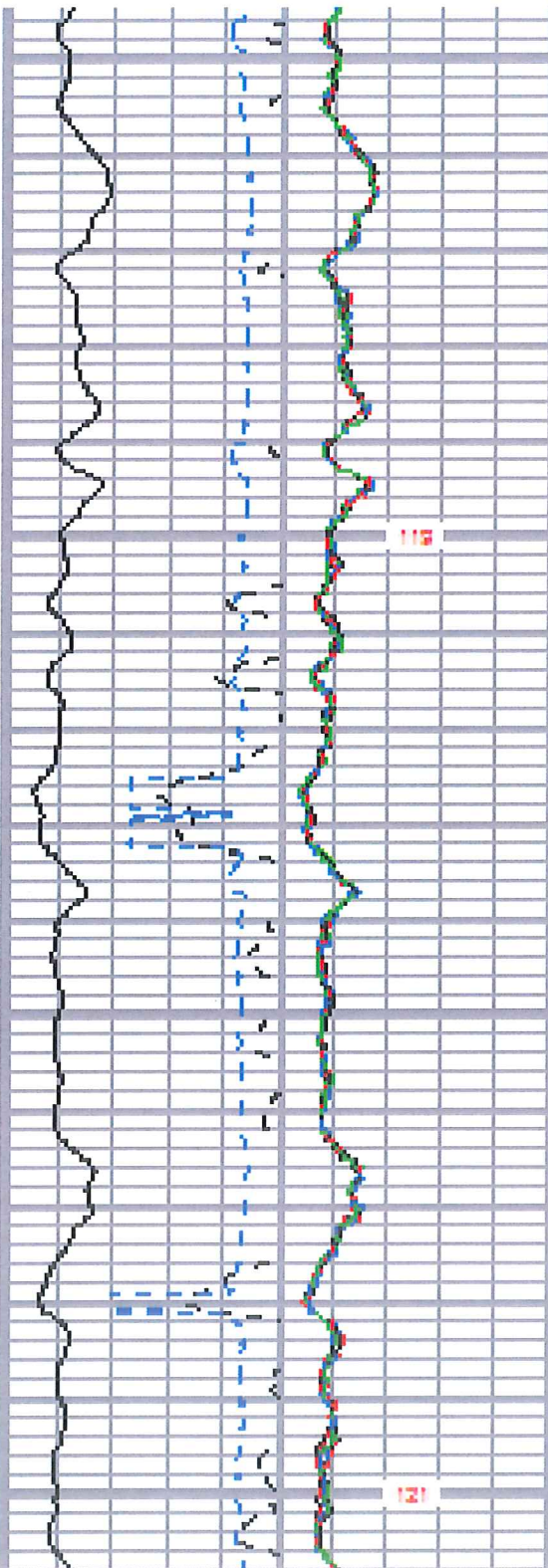


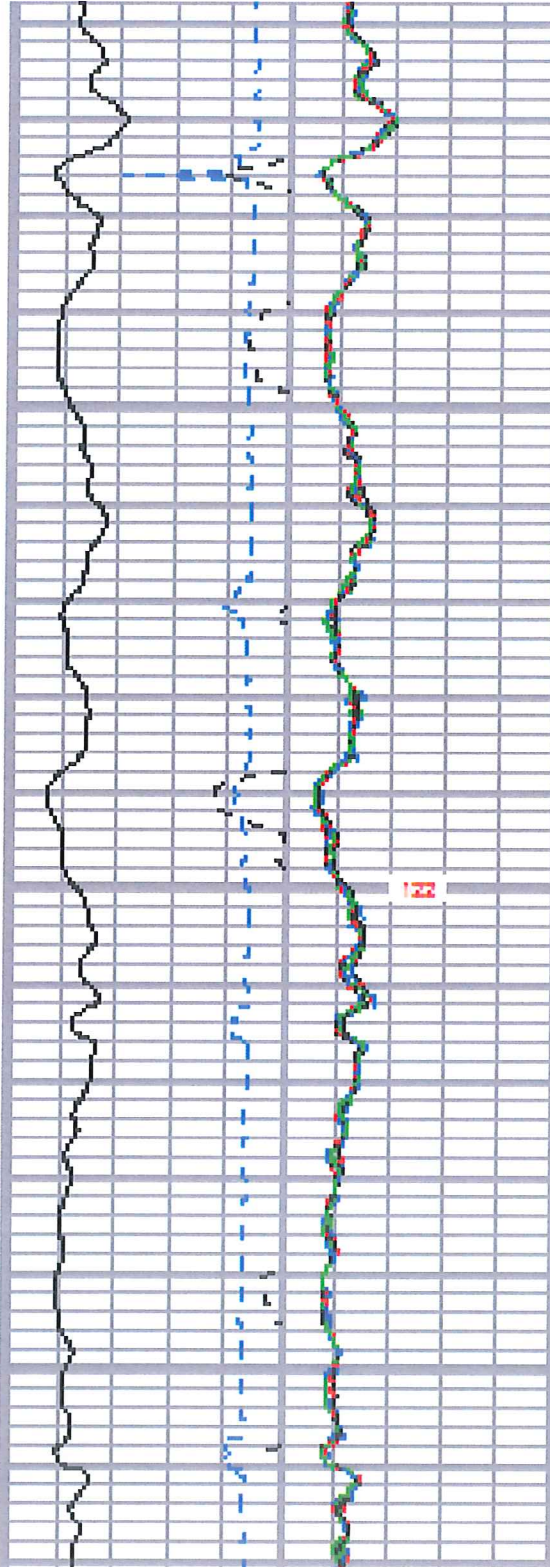
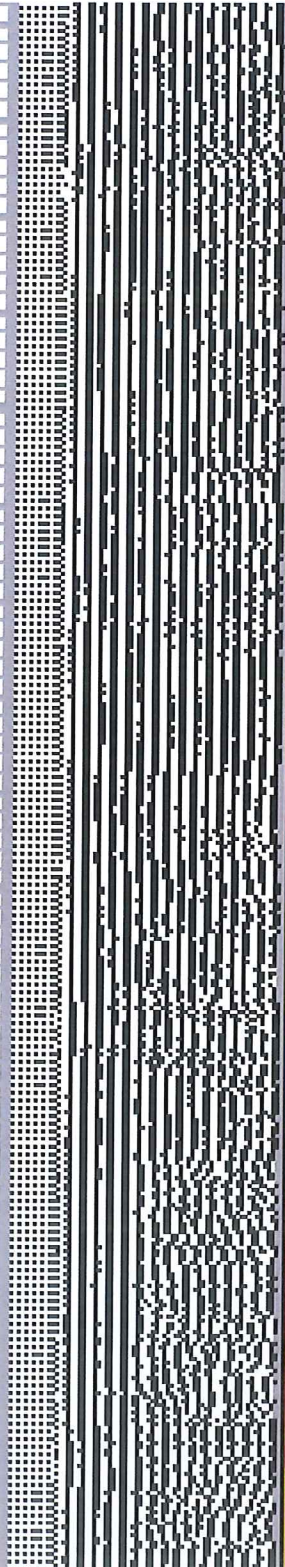
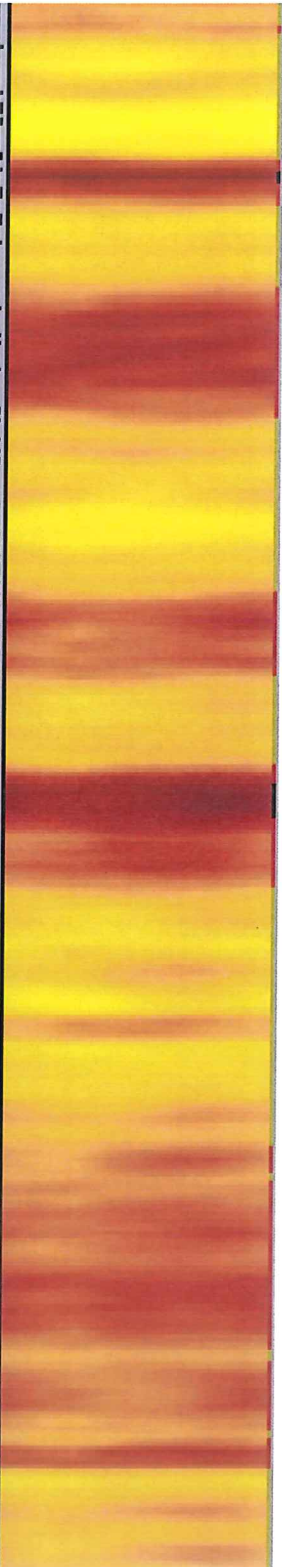
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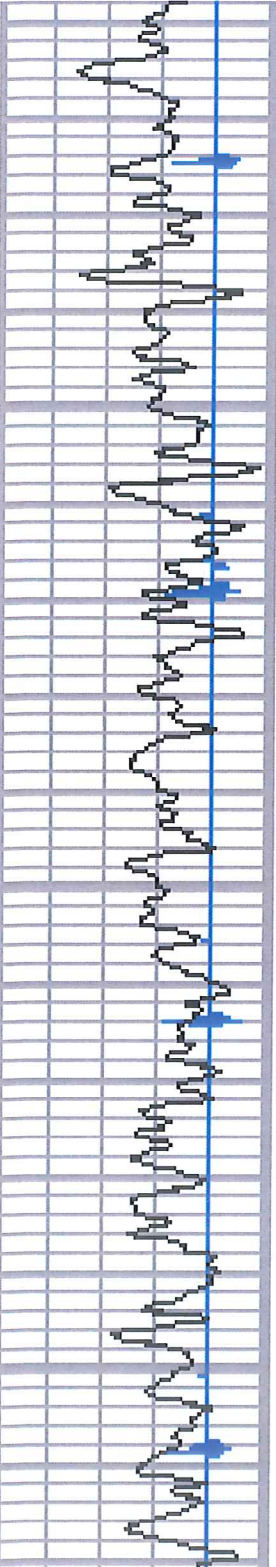
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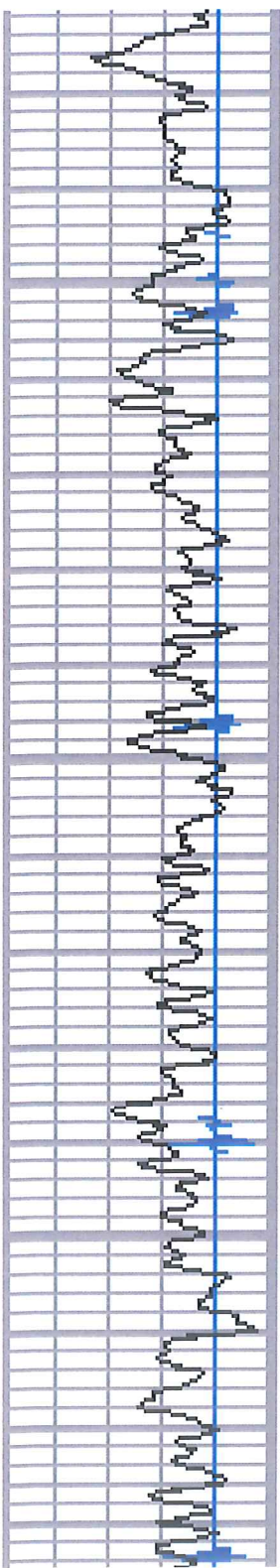
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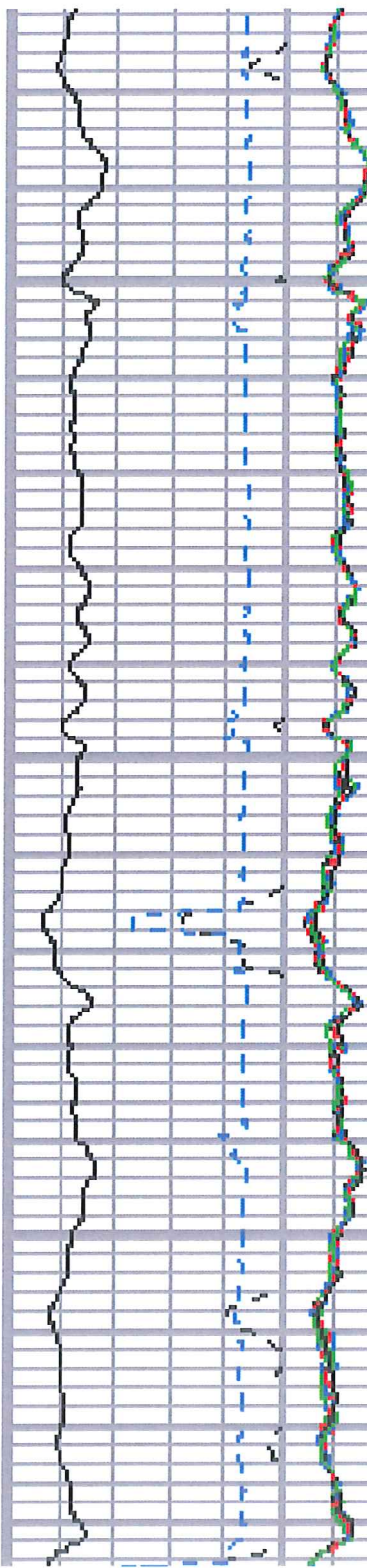




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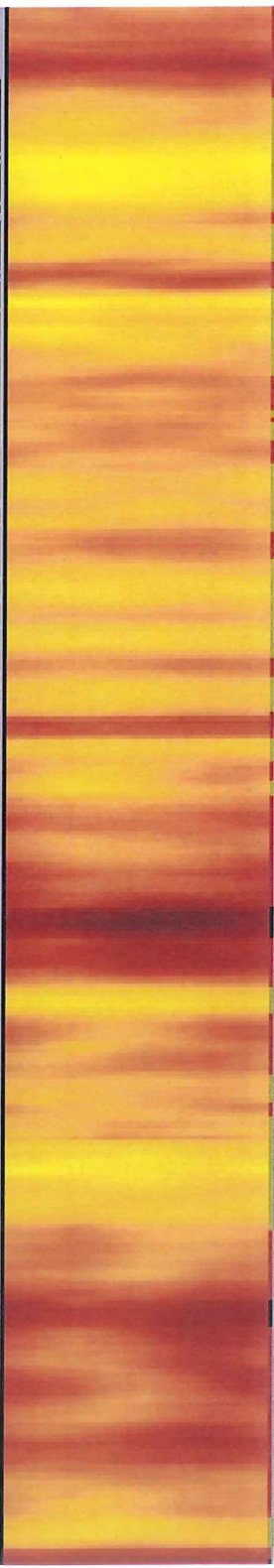
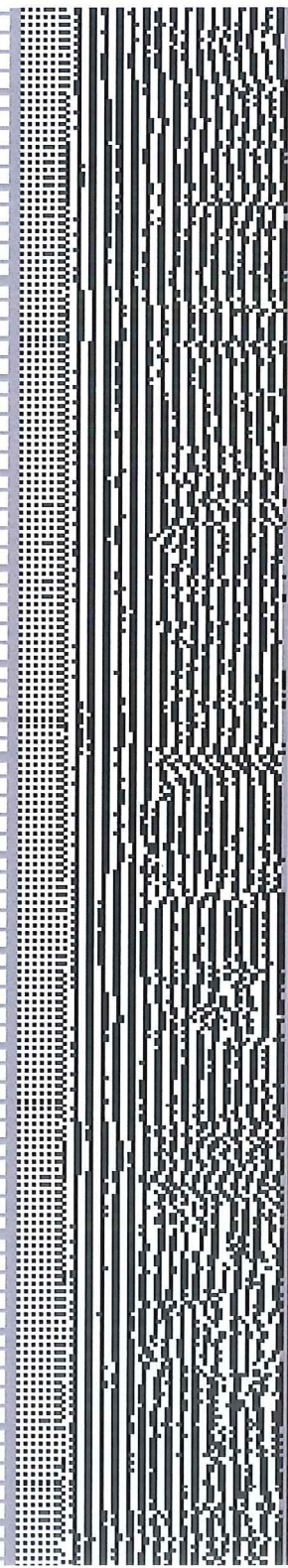
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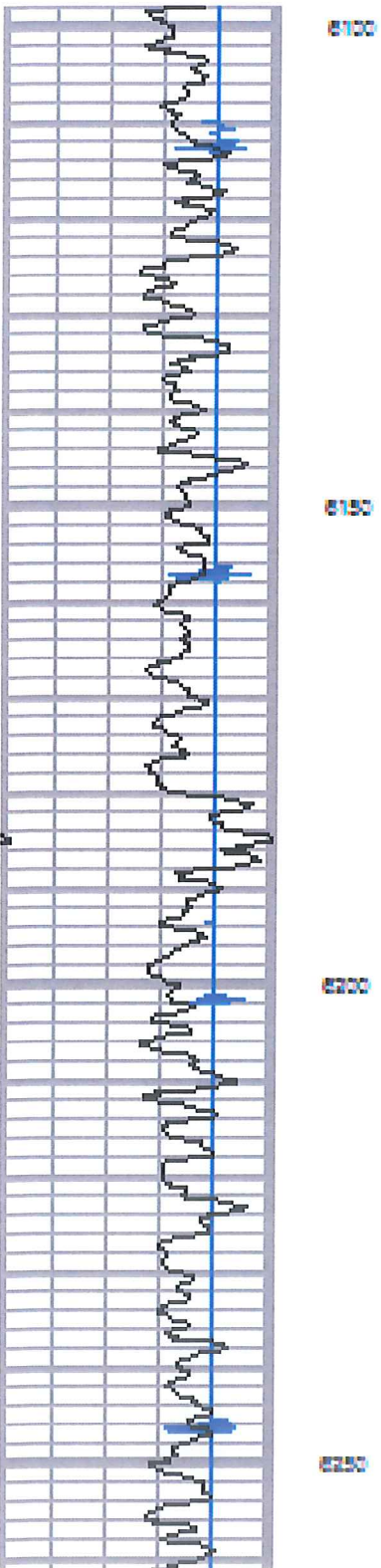
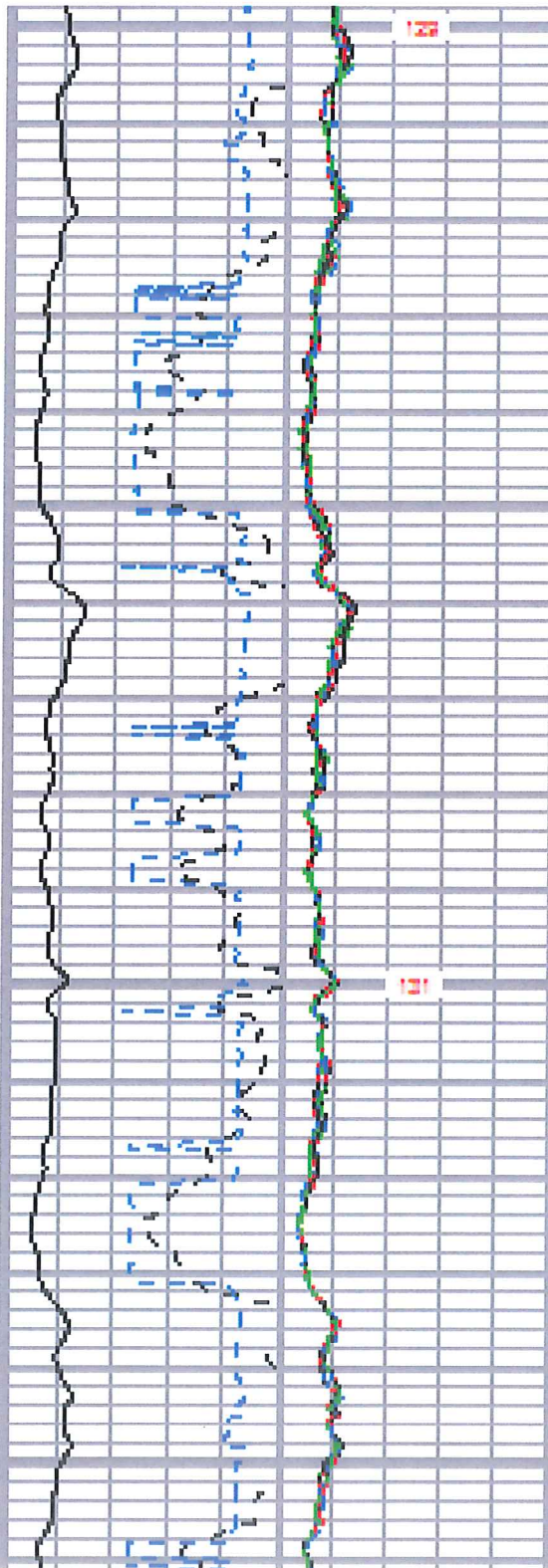
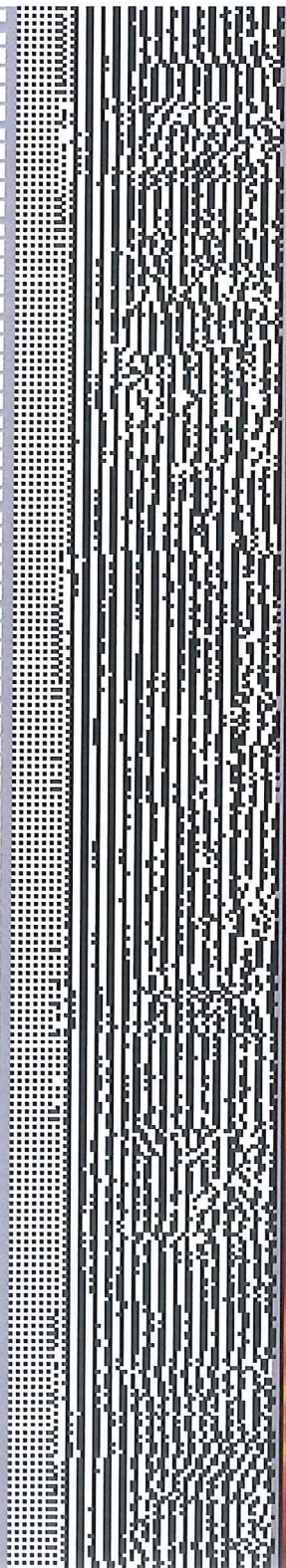
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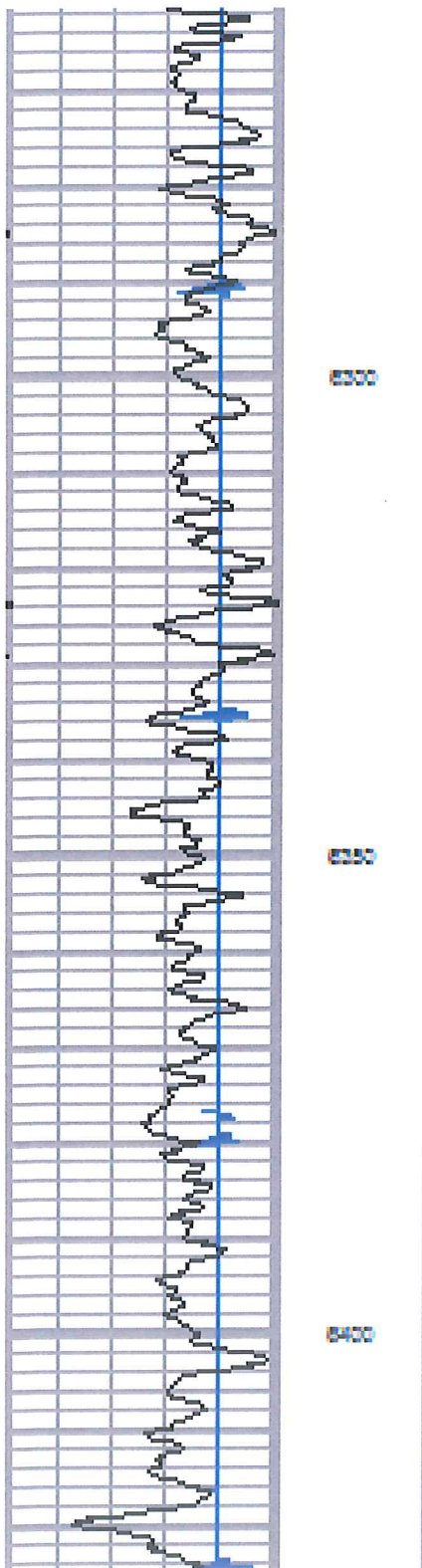
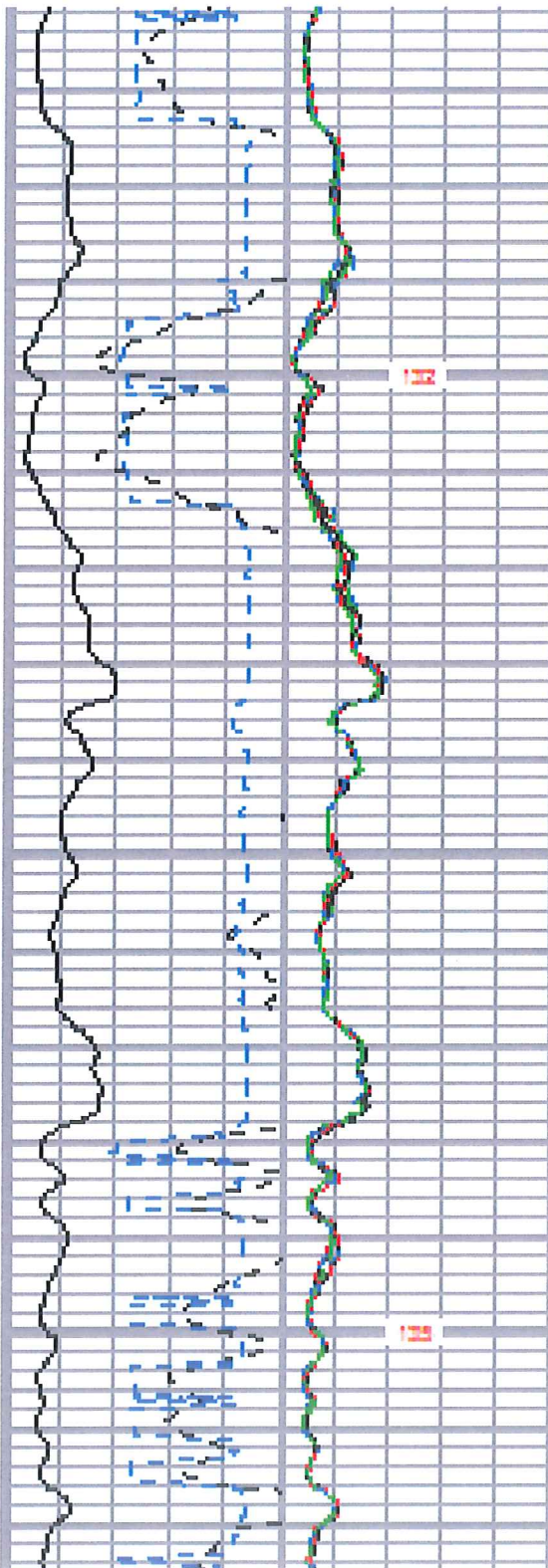
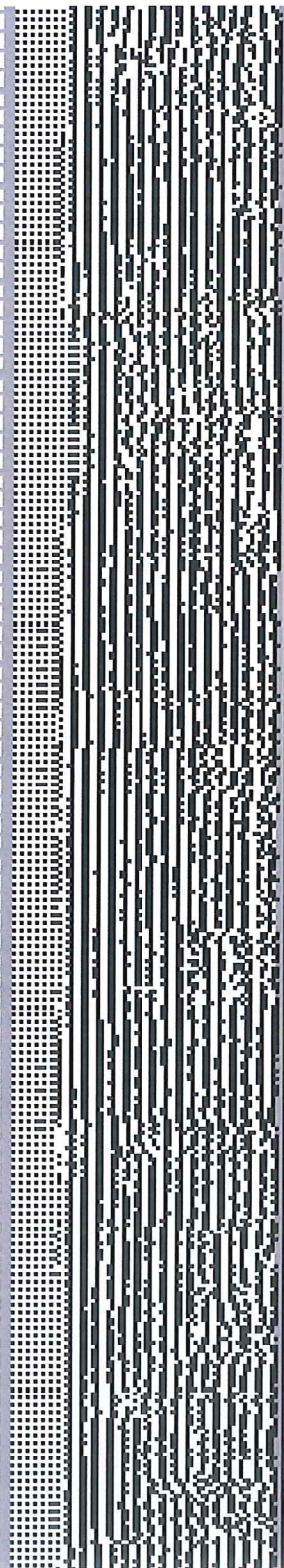


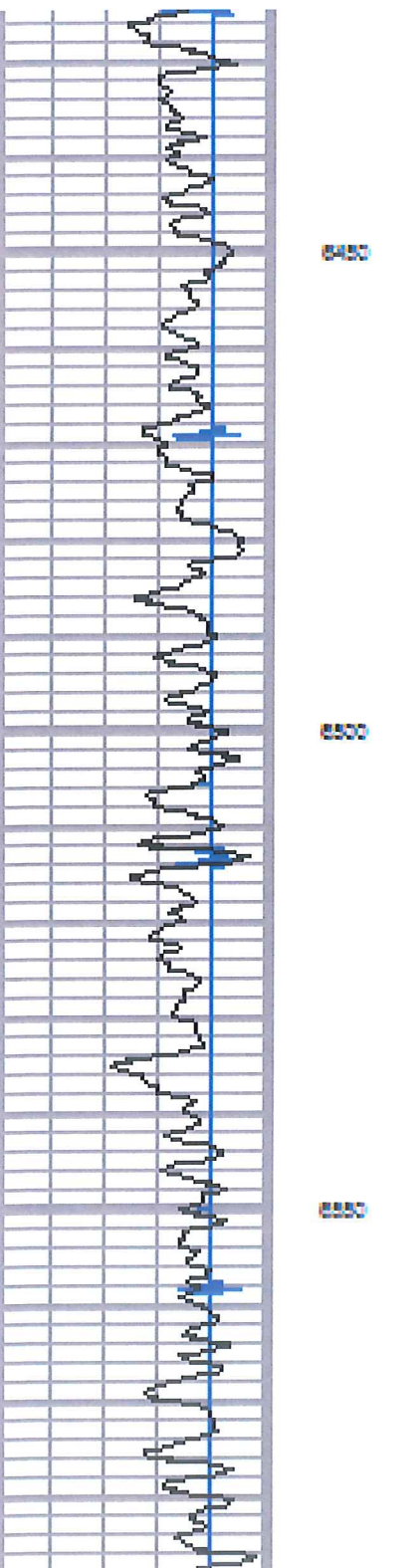
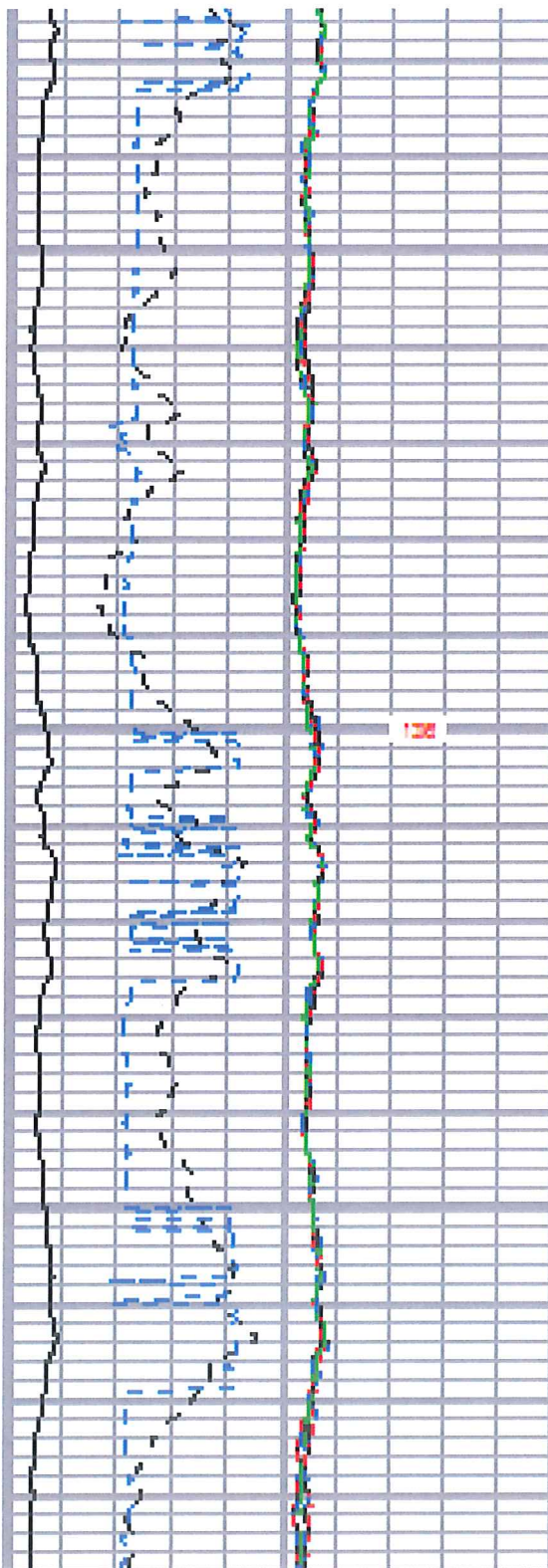
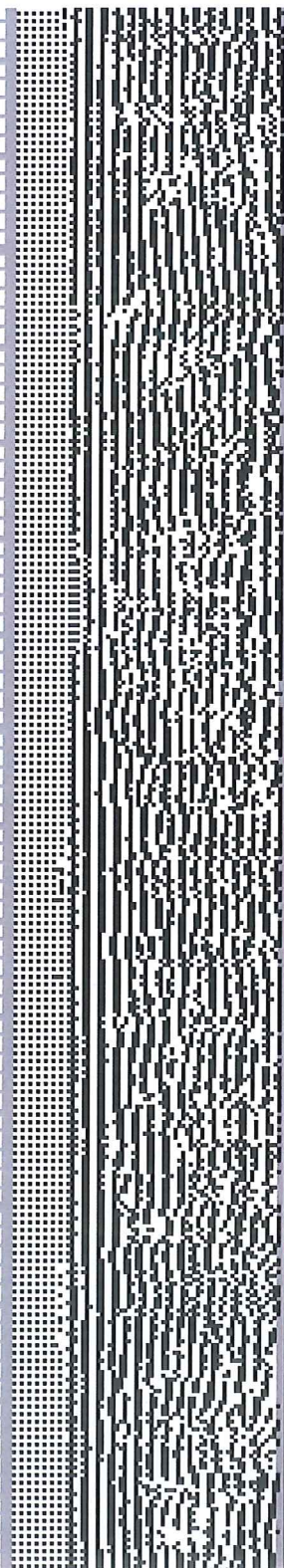
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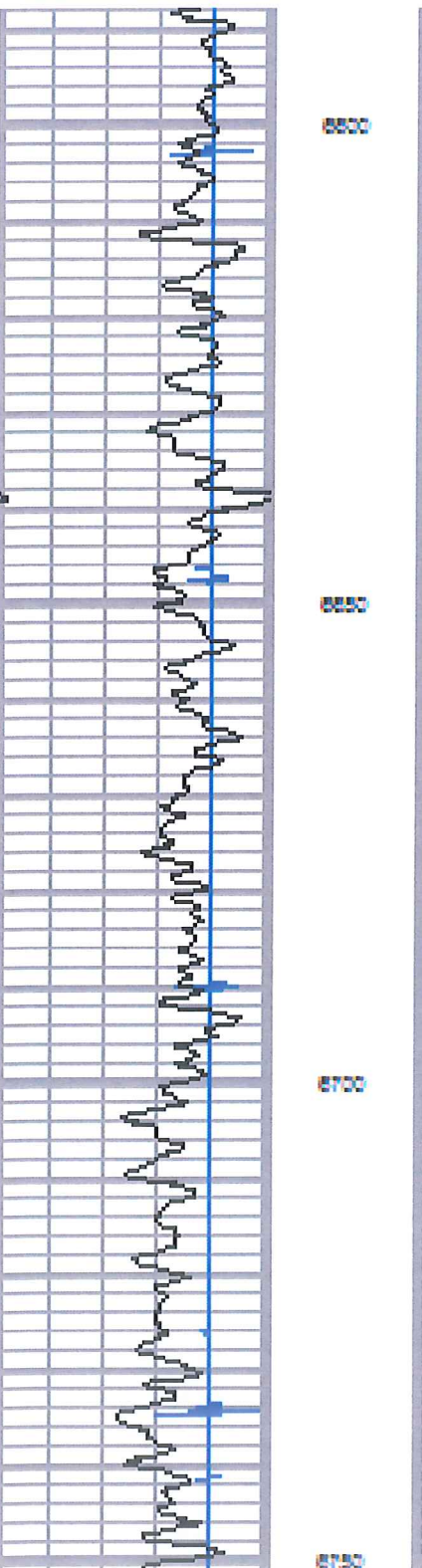
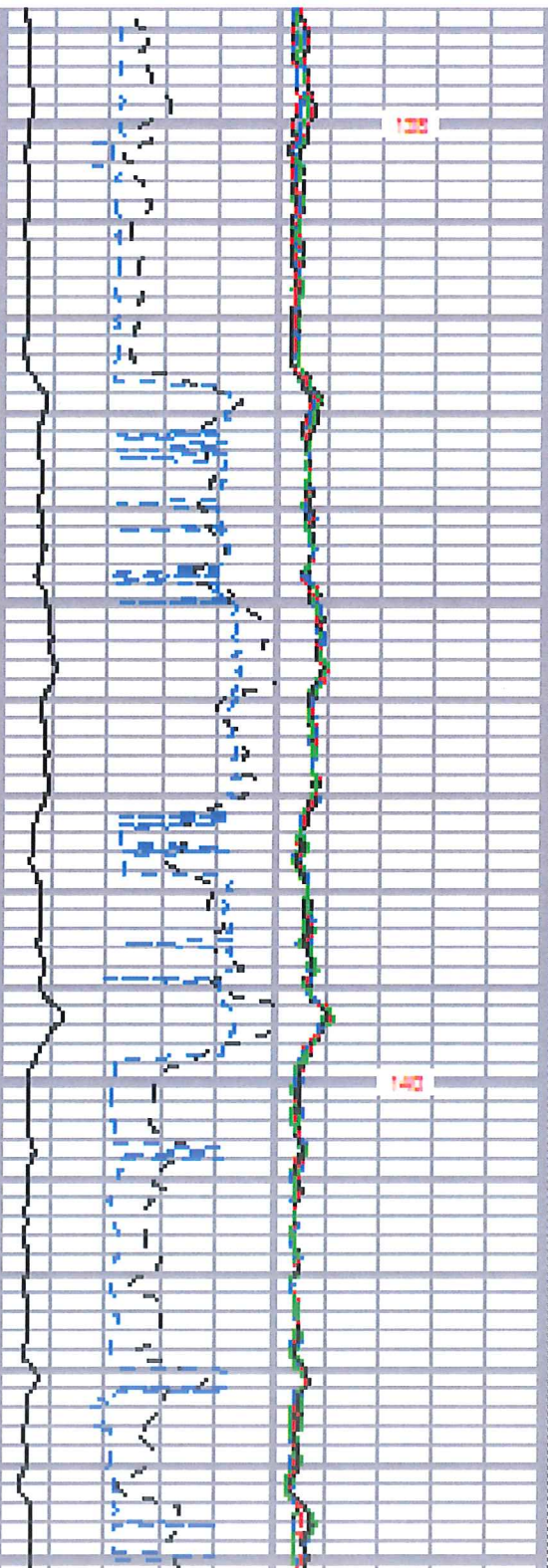
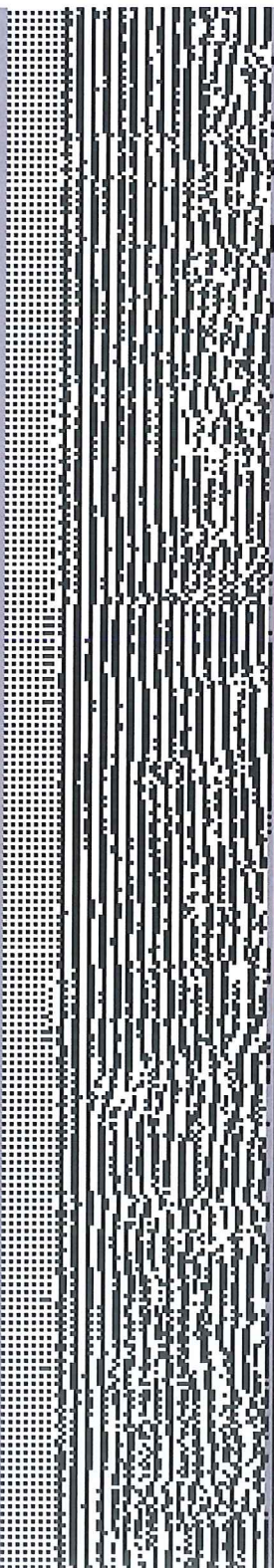
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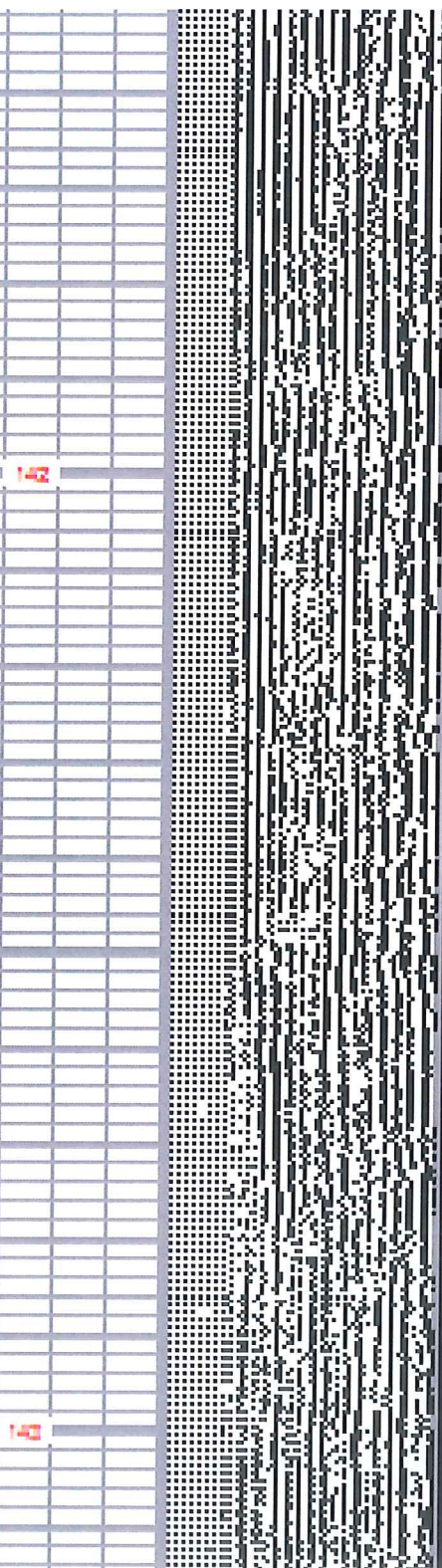
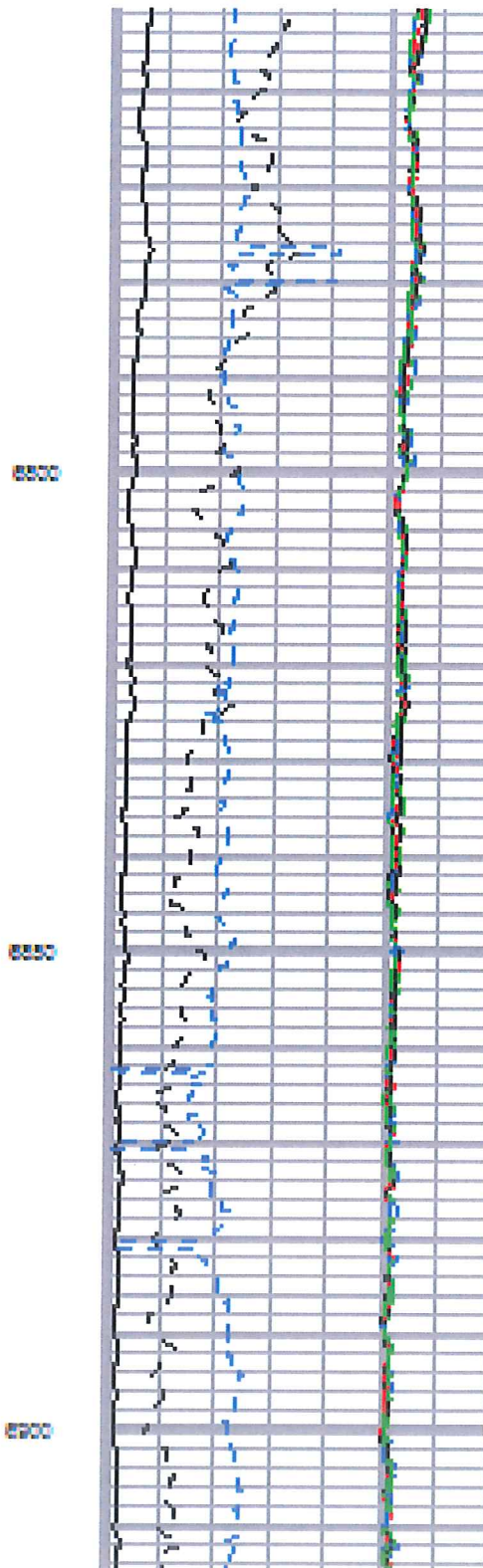
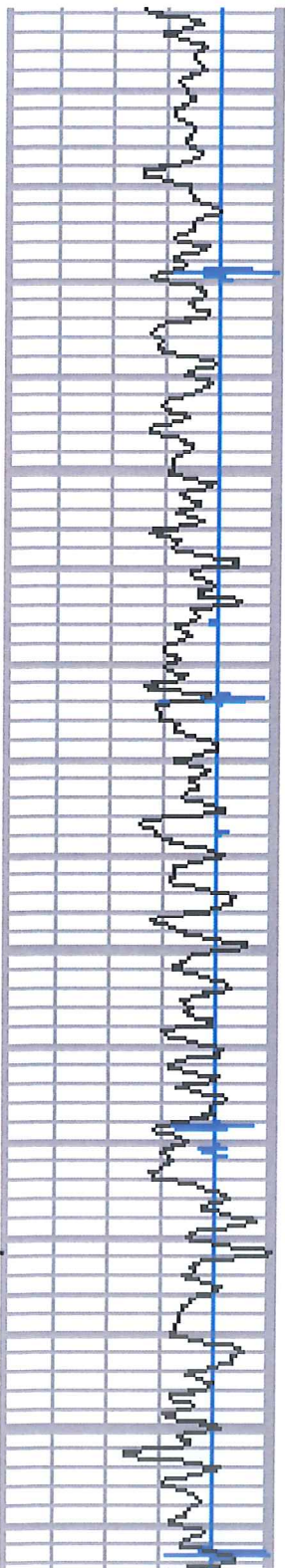


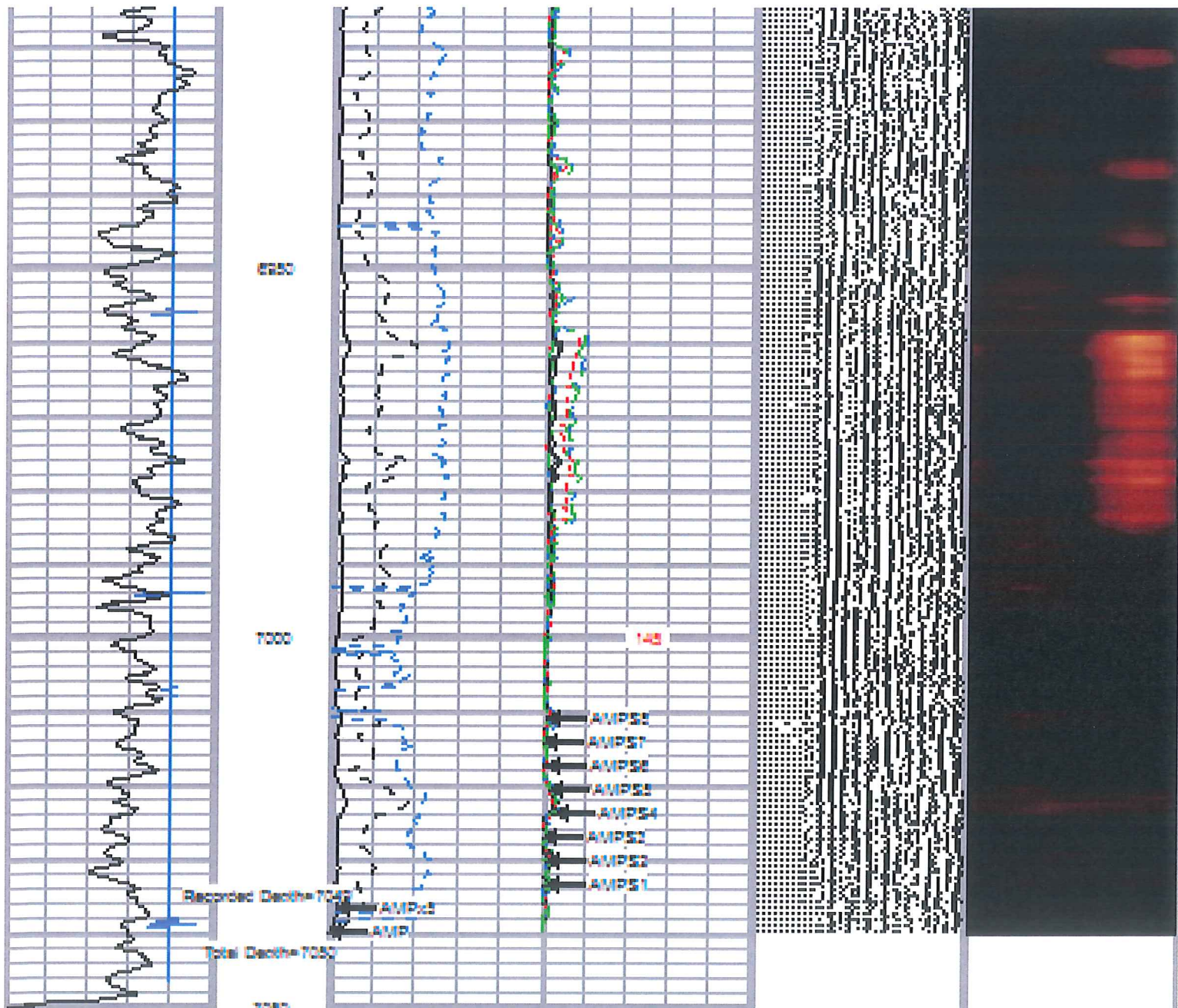












0	DDL	2	0	AMP (mV)	100	0	AMPS1	150	200	VOL	1200	1	Cement Map	0
0	GR (GAPI)	200	0	AMPz5 (mV)	20	0	AMPS2	150				2		65
300	GR (GAPI)	400	350	TT (usec)	250	0	AMPS3	150						
						0	AMPS4	150						
						0	AMPS5	150						
						0	AMPS6	150						
						0	AMPS7	150						
						0	AMPS8	150						
						0	AMPS9	150						
						0	AMPS10	150						
						0	AMPS11	150						
						0	AMPS12	150						
						0	AMPS13	150						
						0	AMPS14	150						
						0	AMPS15	150						
						0	AMPS16	150						
						0	AMPS17	150						
						0	AMPS18	150						
						0	AMPS19	150						
						0	AMPS20	150						
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						0	AMPS22	150						
						0	AMPS23	150						
						0	AMPS24	150						
						0	AMPS25	150						
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						0	AMPS29	150						
						0	AMPS30	150						

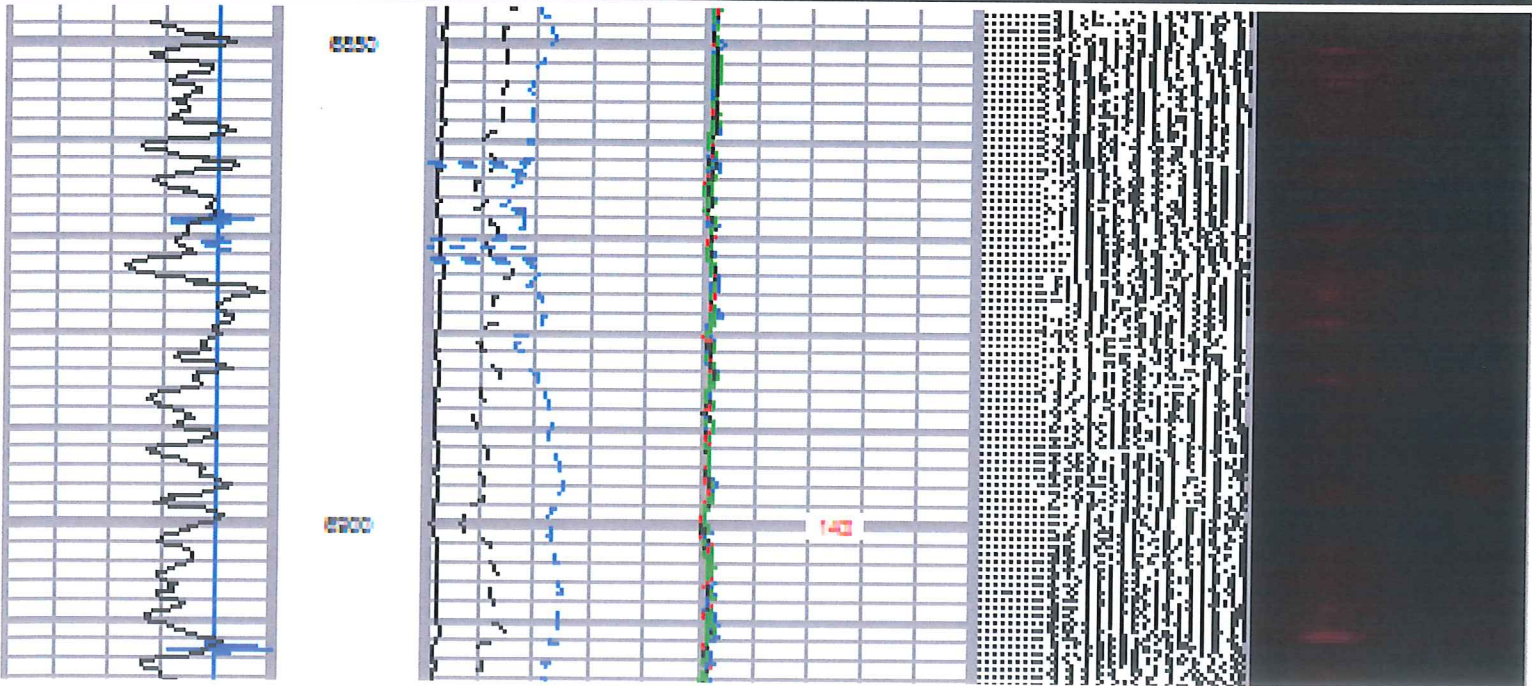
TEMP (degF)

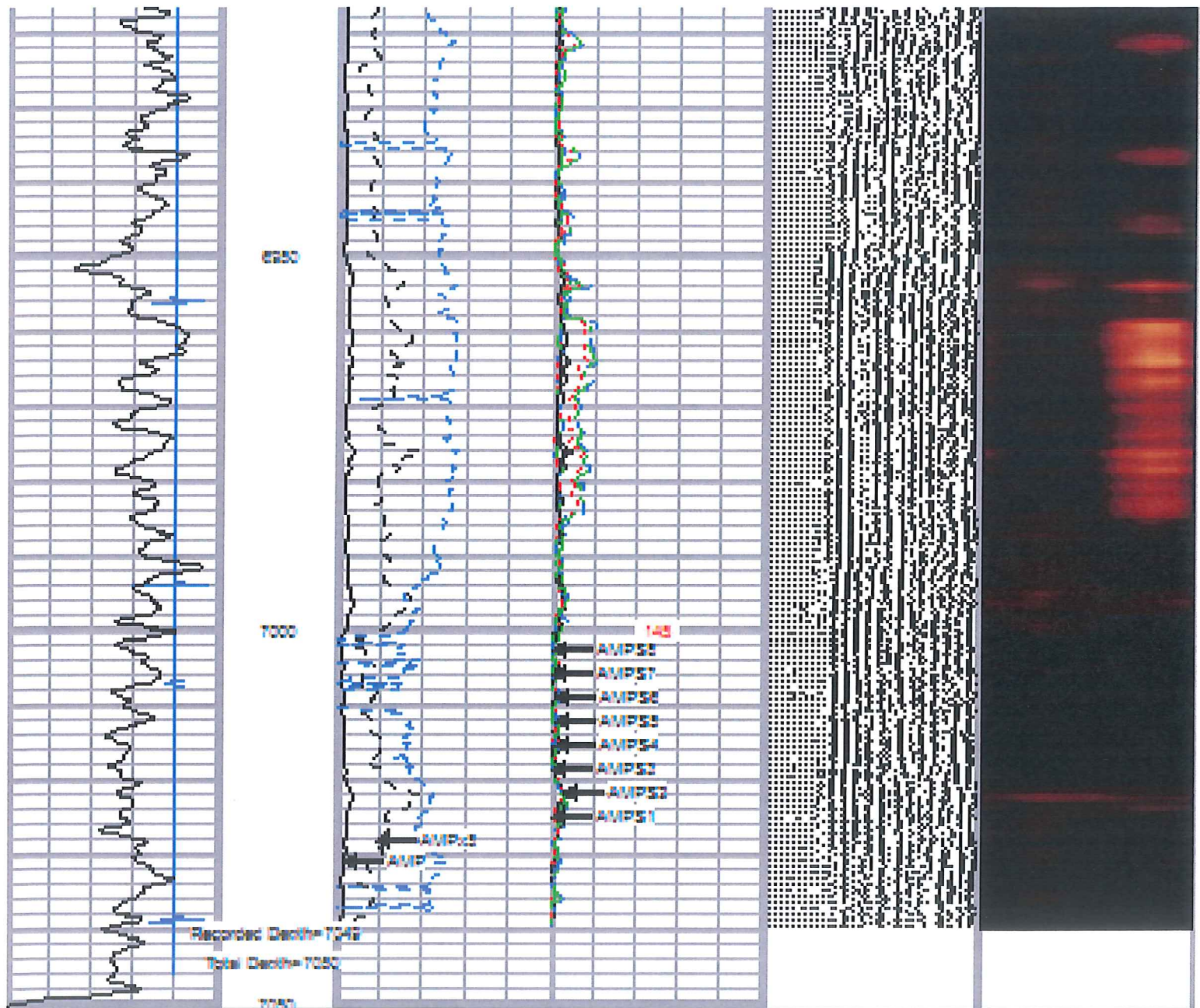


REPEAT SECTION

Database File: honey 1h.cb
 Dataset Pathname: gas2
 Presentation Format: acb02
 Dataset Creation: Wed Oct 22 14:55:08 2014 by Log 7.0 B1
 Created by: Depth in Feet scaled 1:240

0	COL	2	0	AMP (mV)	100	0	AMPS1	150	200	VOL	1200	1	Cement Map	5
0	GR (GAPI)	200	0	AMPx5 (mV)	20	0	AMPS2	150				2		50
200	GR (GAPI)	400	250	TT (usec)	250	0	AMPS3	150						
						0	AMPS4	150						
						0	AMPS5	150						
						0	AMPS6	150						
						0	AMPS7	150						
						0	AMPS8	150						
							TEMP							
							(degF)							





0	CCL	2
0	GR (GAPI)	200
200	GR (GAPI)	400

0	AMP (mV)	100
0	AMPx5 (mV)	20
250	TT (µsec)	250

0	AMPs1	150
0	AMPs2	150
0	AMPs3	150
0	AMPs4	150
0	AMPs5	150
0	AMPs6	150
0	AMPs7	150
0	AMPs8	150

200	VOL	1200
-----	-----	------

1	Cement Map	5
2		65



TEMP
(degF)

Sensor	Depth (ft)	Schematic	Description	Len (ft)	OD (in)	WT (lb)	
HeadVol	15.75		PT-2275	2.55	2.75	24.00	
Temp	13.51						
WVF2FT	11.55			RBT-Probe275T (FW1404-143_3.5INCH) Probe 2.75" Radial with Integral Temperature Sub	9.39	2.75	100.00
WVF51	11.55						
WVF52	11.55						
WVF53	11.55						
WVF54	11.55						
WVF55	11.55						
WVF56	11.55						
WVF57	11.55						

