GO WIRELINE LLC

RCBL
GAMMA RAY / CCL

Company HIGHPOINT RESOURCES
Well FOX CREEK 33-0362D
Field HEREFORD
County WELD
State CO

Company	HIGHPOINT RESOURCES
Well	FOX CREEK 33-0362D
Field	HEREFORD
County	WELD
State	CO

Location: API # : 05-123-48706 -01

NWNW
409' FNL & 1,173' FWL
SEC 33 TWP 12N RGE 63W

Other Services
NONE

Permanent Datum	GROUND LEVEL	Elevation	5469.6'
Log Measured From	KB 16.5'		
Drilling Measured From	KELLY BUSHING		

Elevation
K.B. 5486.1'
D.F. --
G.L. 5469.6'

Date	11-21-2019		
Run Number	ONE		
Depth Driller	18,064.2'		
Depth Logger	NA		
Bottom Logged Interval	8130'		
Top Log Interval	SURFACE		
Open Hole Size	6.125"		
Type Fluid	H2O		
Density / Viscosity	8.3 / H2O		
Max. Recorded Temp.	NR		
Estimated Cement Top	SEE LOG		
Time Well Ready	1300		
Time Logger on Bottom	1330		
Equipment Number	216		
Location	GREELEY, CO		
Recorded By	S. KERBY		
Witnessed By	RAY LYNCH		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9.625"	36#	SURFACE	1637.5'
Prot. String	7"	23#	SURFACE	8173.9'
Production String				
Liner	4.5"	13.5#	SURFACE	
Liner	4.5"	11.6#		18,064.2'

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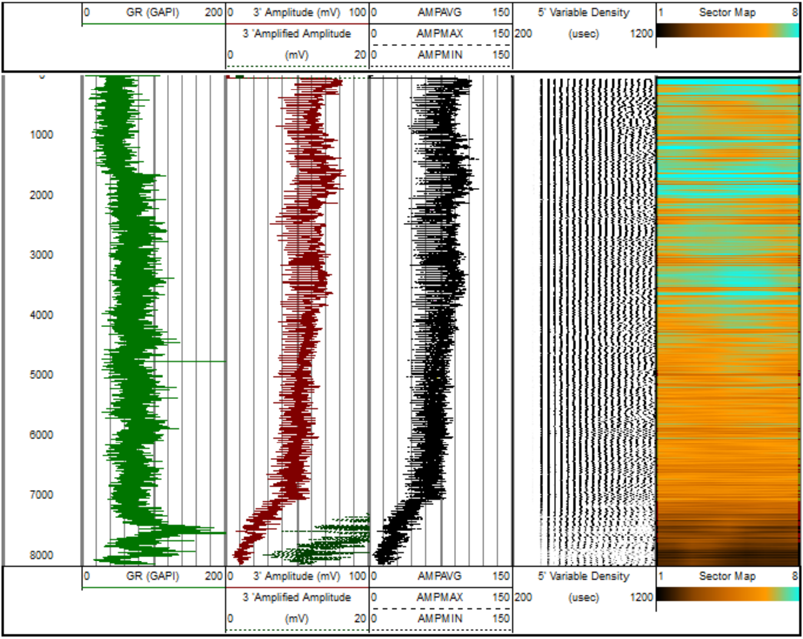
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

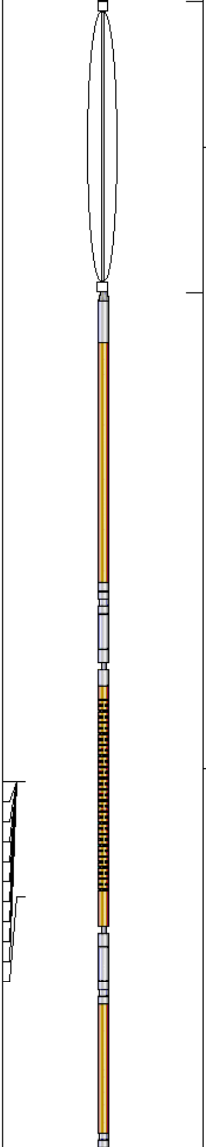
Comments

INFORMATION PROVIDED BY COMPANY
REPRESENTATIVE

Database File	90613.db
Dataset Pathname	INCH
Presentation Format	rbl1in18 (1)
Dataset Creation	Thu Nov 21 15:34:55 2019
Charted by	Depth in Feet scaled 1:20000

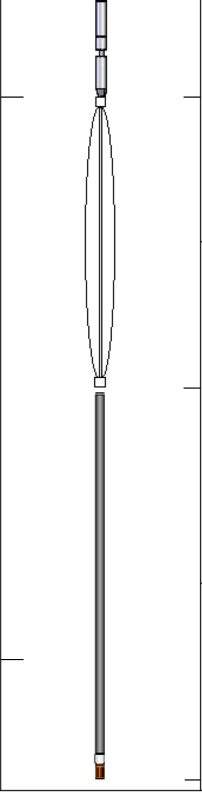


Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
			CHD-STNDRD Standard Cable Head	1.00	1.44	1.00
CCL	18.71		CCL-tecko (3.125tekco) 3.125 logging ccl	1.83	3.13	20.00



	CENT-tekco	2.73	2.75	50.00
	RBT-Probe (DD1) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00

WVFS8	10.73
WVFS7	10.73
WVFS6	10.73
WVFS5	10.73
WVFS4	10.73
WVFS3	10.73
WVFS2	10.73
WVFS1	10.73
WVFCAL	10.73
WVF3FT	10.73
WVF5FT	9.65



HEADVOLT	6.40				
		CENT-tekco	2.73	2.75	50.00
		GR-probe 2.75 (DA1)	3.67	2.75	100.00
GR	1.13				

Dataset:	90613.db: field/well/run1/pass8
Total length:	20.88 ft
Total weight:	311.00 lb
O.D.:	3.13 in

Calibration Report

Database File	90613.db
Dataset Pathname	pass8
Dataset Creation	Thu Nov 21 14:06:47 2019

Gamma Ray Calibration Report

Serial Number:	DA1	
Tool Model:	probe 2.75	
Performed:	Tue Dec 15 12:23:42 2015	
Calibrator Value:	200.0	GAPI
Background Reading:	39.6	cps
Calibrator Reading:	259.2	cps
Sensitivity:	0.9108	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	DD1	
Tool Model:	Probe	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	3317.321	ft

Master Calibration, performed Wed Nov 20 07:50:31 2019:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.010	0.770	1.500	81.196	104.911	0.463
CAL	0.013	1.036				
5'	0.009	0.664	1.500	81.196	121.657	0.406
SUM						
S1	0.011	0.741	0.000	100.000	136.953	-1.531
S2	0.011	0.741	0.000	100.000	136.964	-1.455
S3	0.010	0.743	0.000	100.000	136.472	-1.364
S4	0.010	0.742	0.000	100.000	136.572	-1.344
S5	0.010	0.740	0.000	100.000	136.921	-1.340
S6	0.010	0.740	0.000	100.000	136.987	-1.405
S7	0.011	0.741	0.000	100.000	136.923	-1.488
S8	0.012	0.742	0.000	100.000	136.914	-1.593

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.013	1.036	1.000	0.000

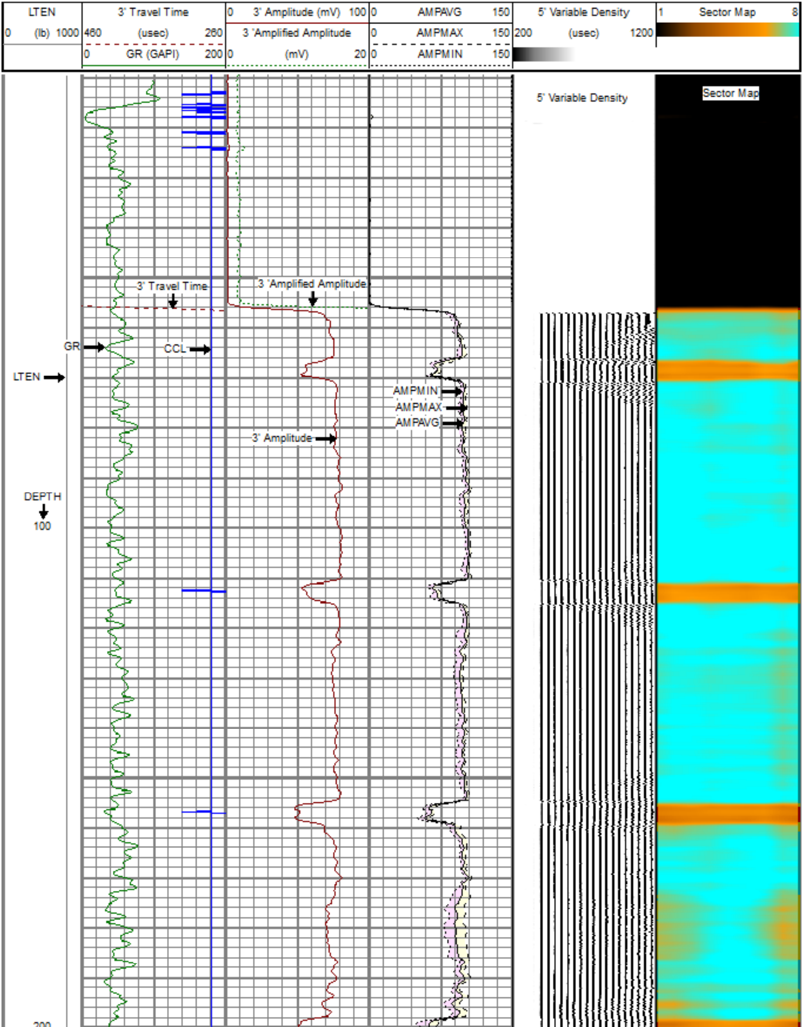
Air Zero Calibration, performed Thu Nov 21 11:23:45 2019:

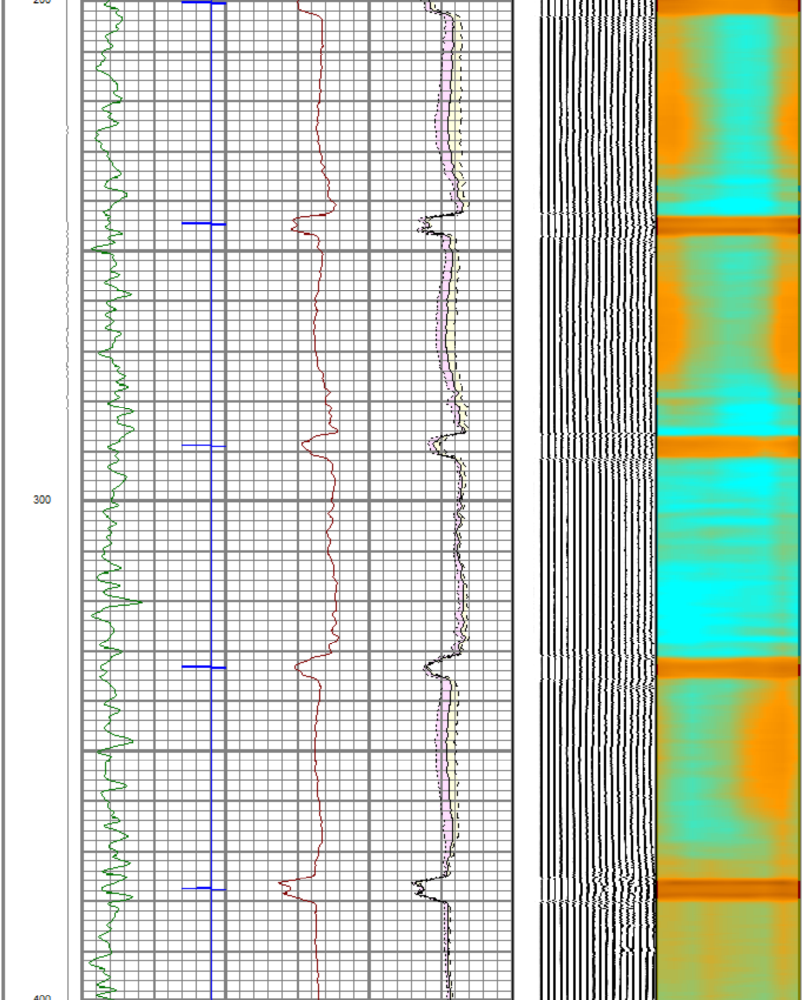
	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.001	0.000	0.008
5'	0.018	0.000	-0.009
SUM			
S1	0.015	0.000	-0.004
S2	0.009	0.000	0.002
S3	0.002	0.000	0.008
S4	0.009	0.000	0.001
S5	0.001	0.000	0.009
S6	0.009	0.000	0.001
S7	0.001	0.000	0.010
S8	0.010	0.000	0.001

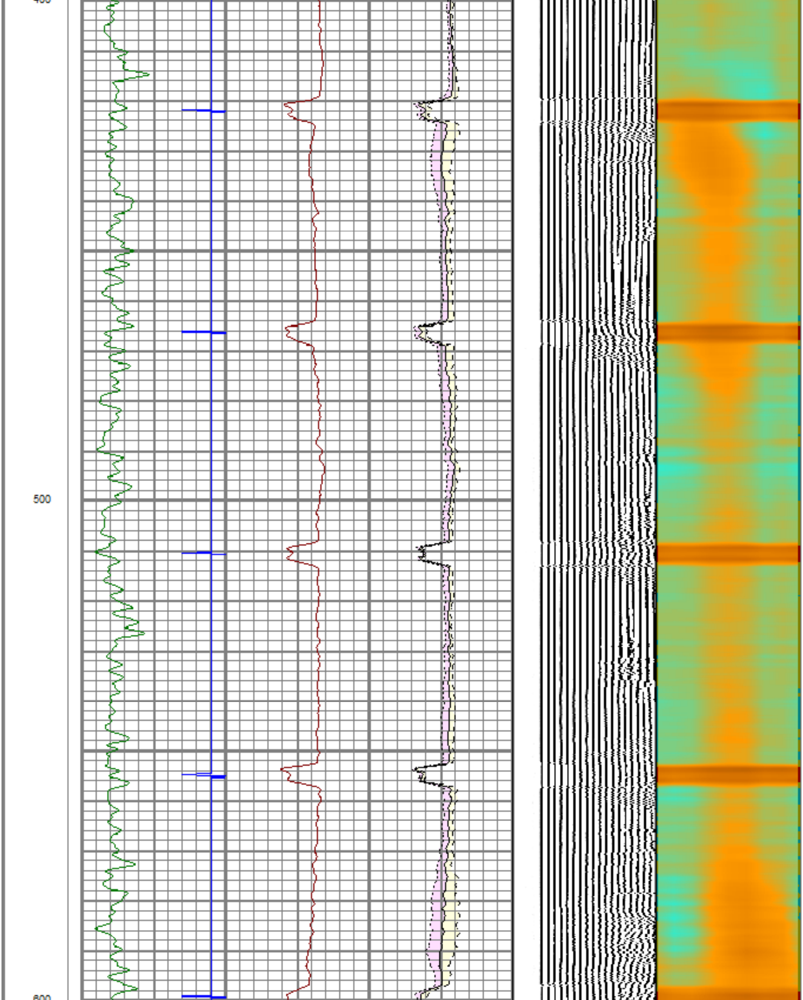
GO WIRELINE LLC

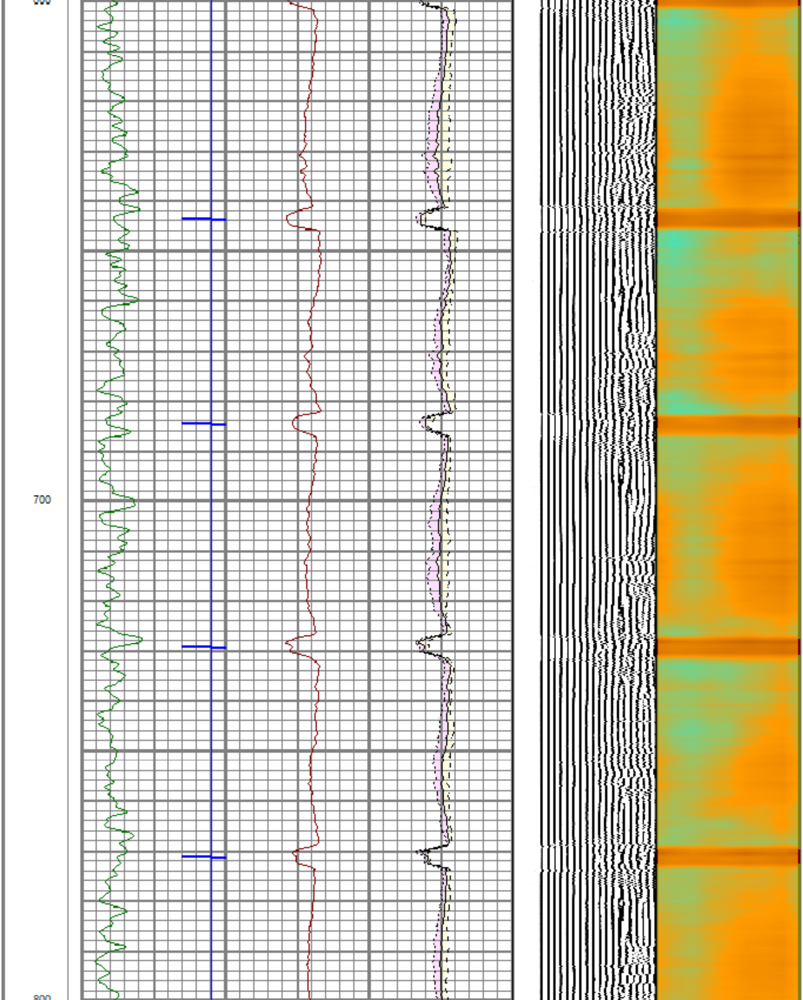
MAIN PASS 0 PSI

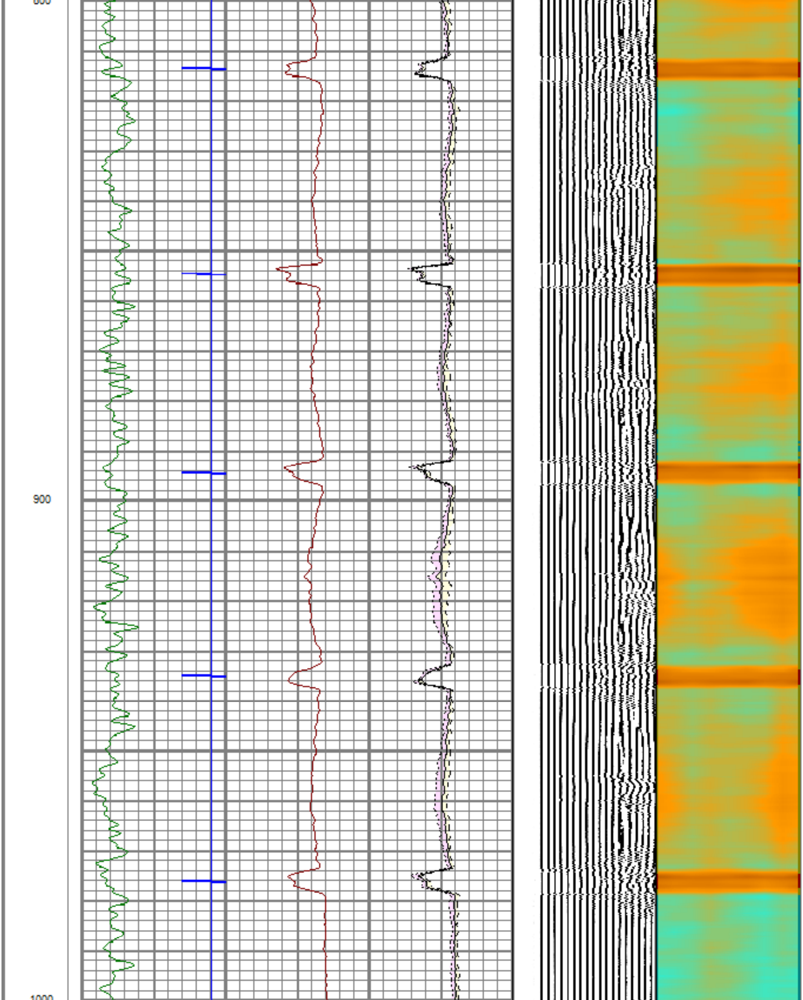
Database File	90613.db
Dataset Pathname	pass8
Presentation Format	rbl18
Dataset Creation	Thu Nov 21 14:06:47 2019
Charted by	Depth in Feet scaled 1:240

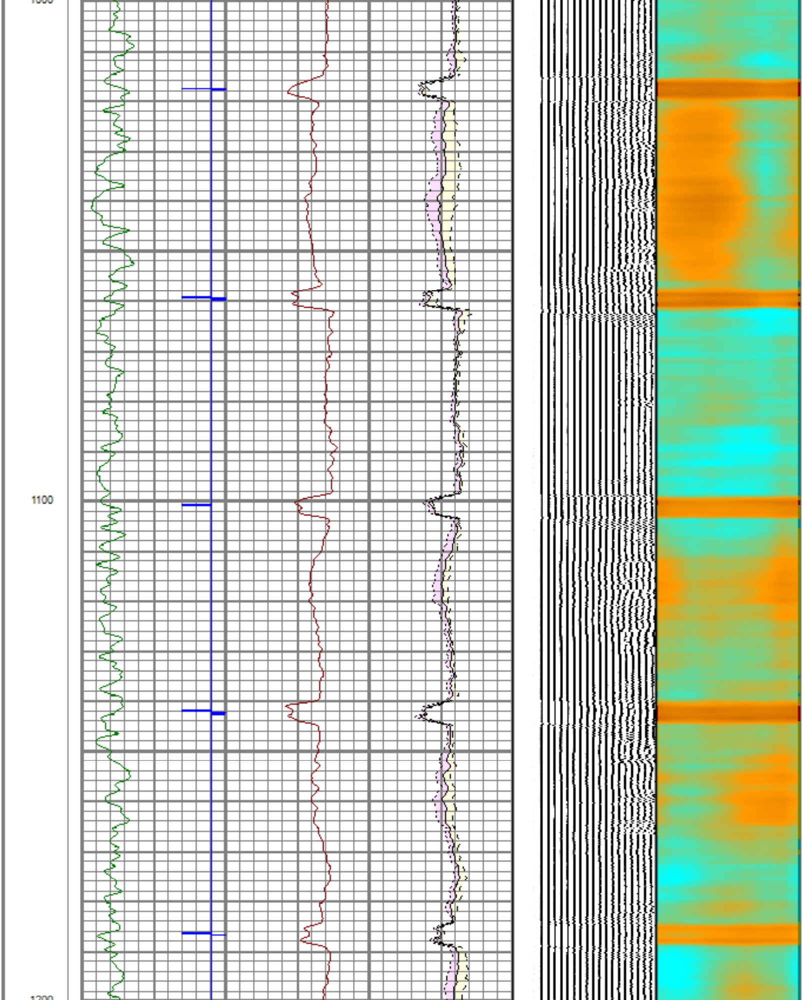


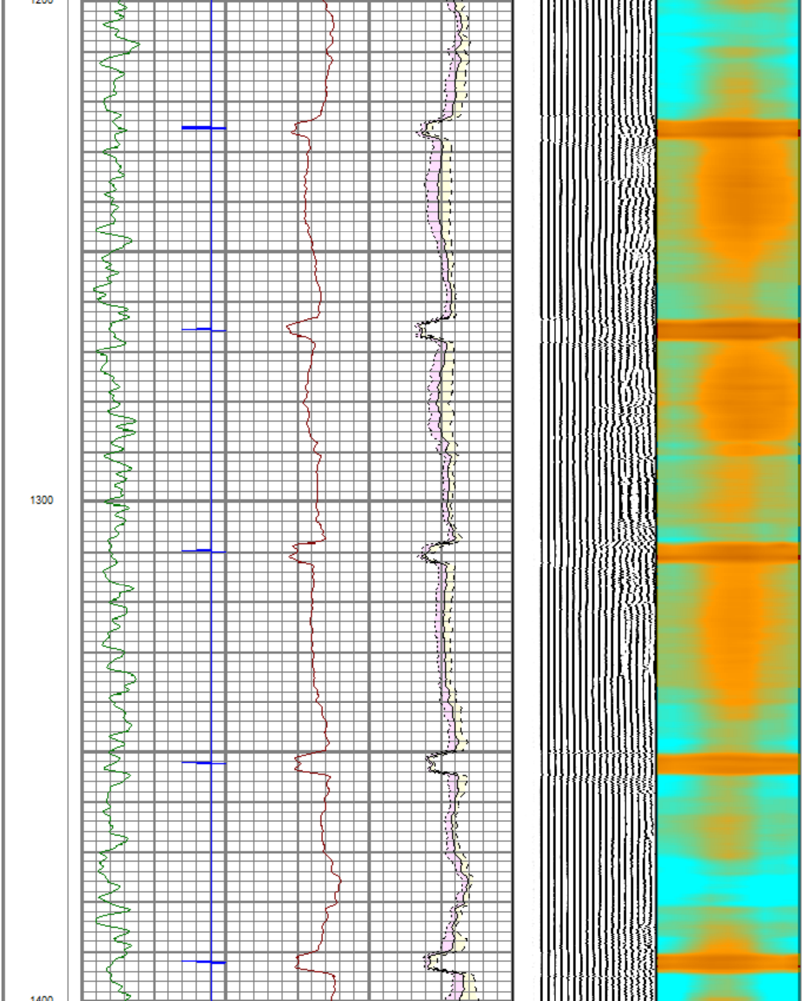


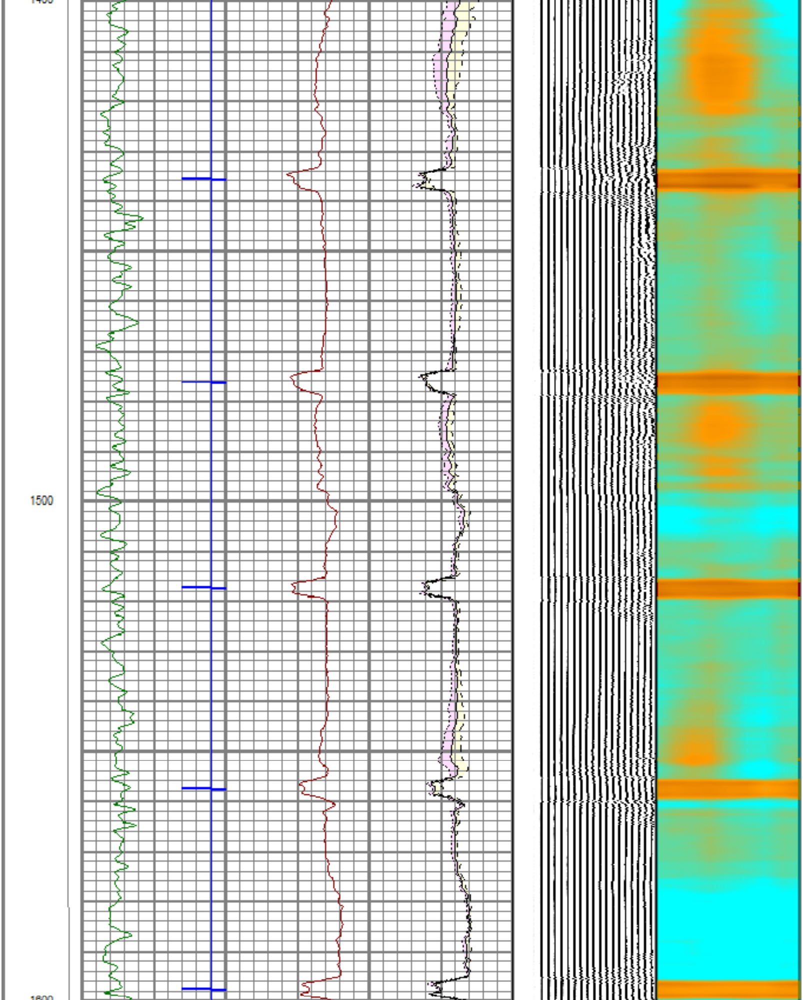


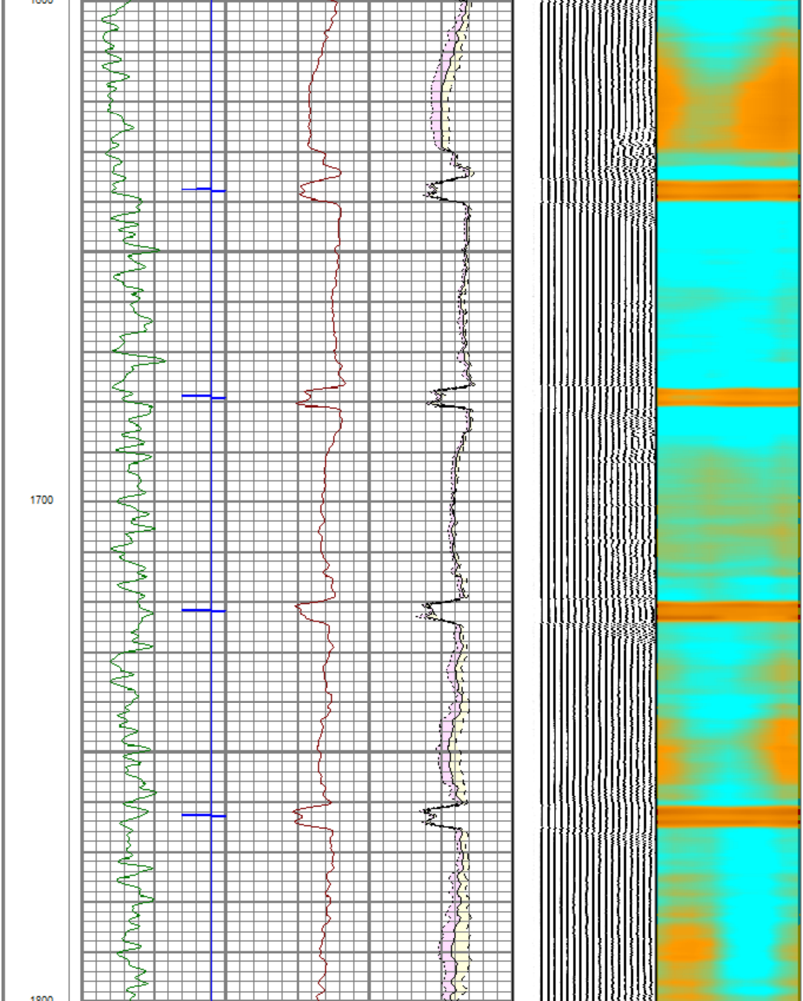


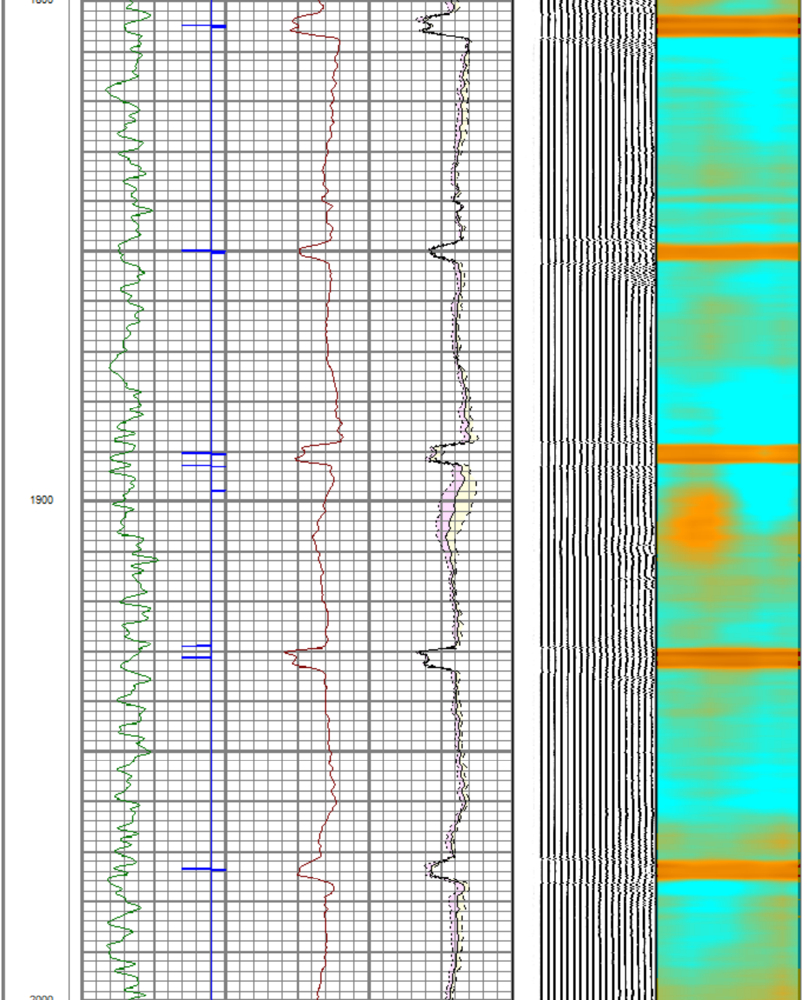


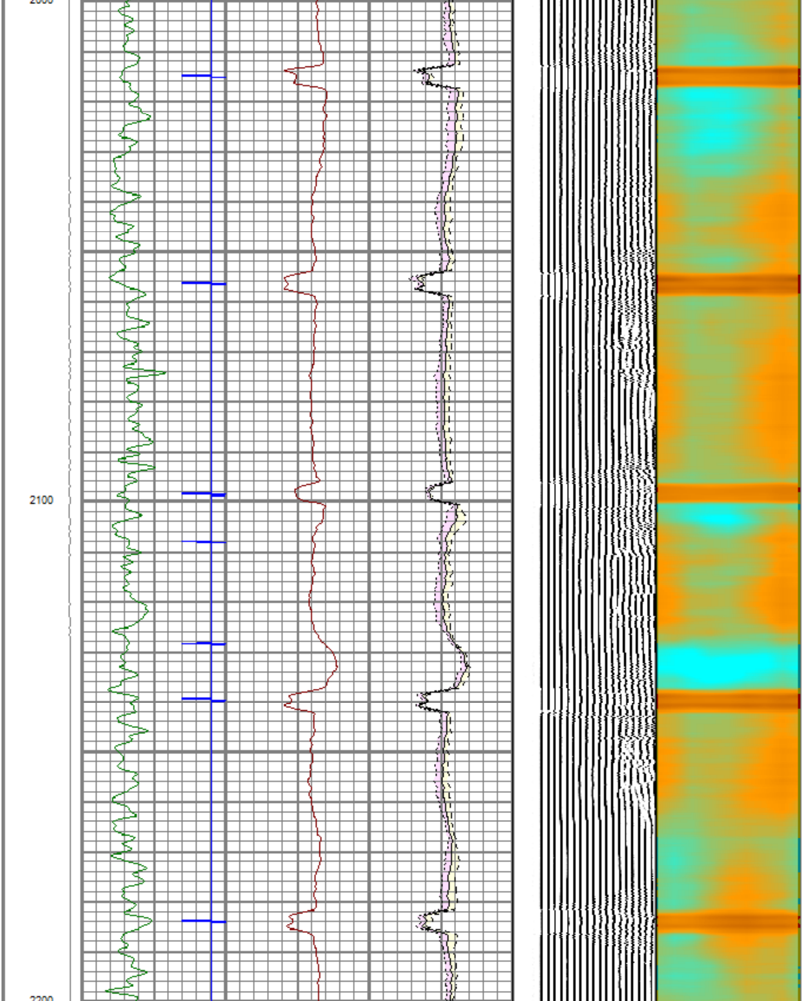


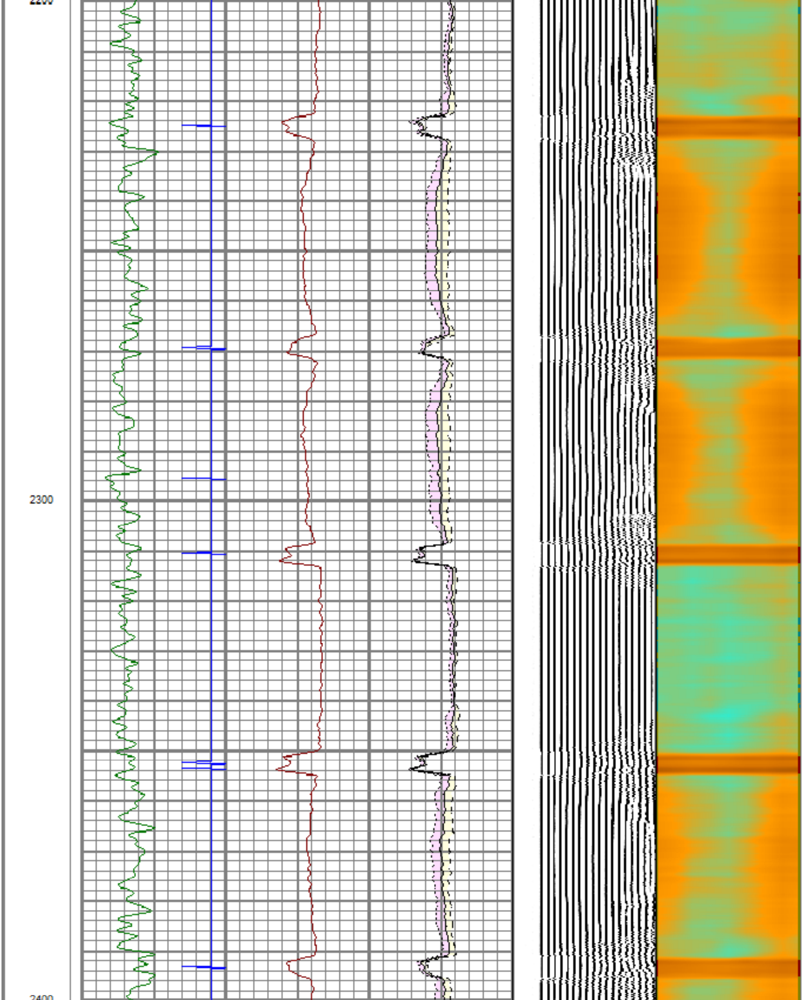


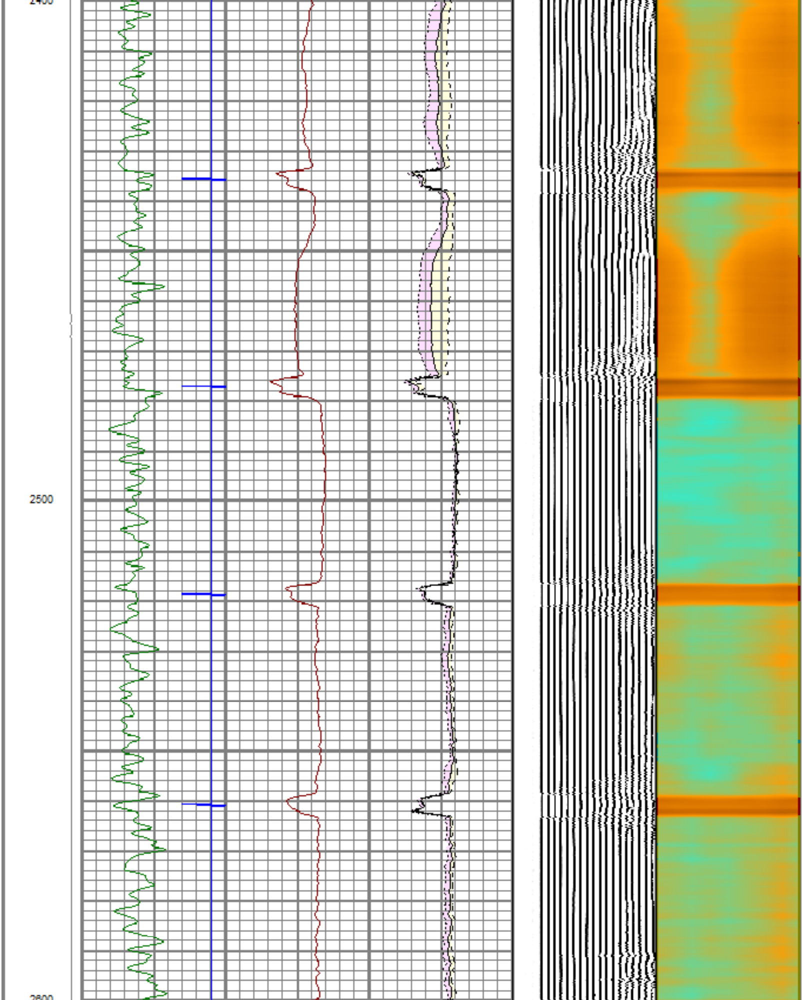


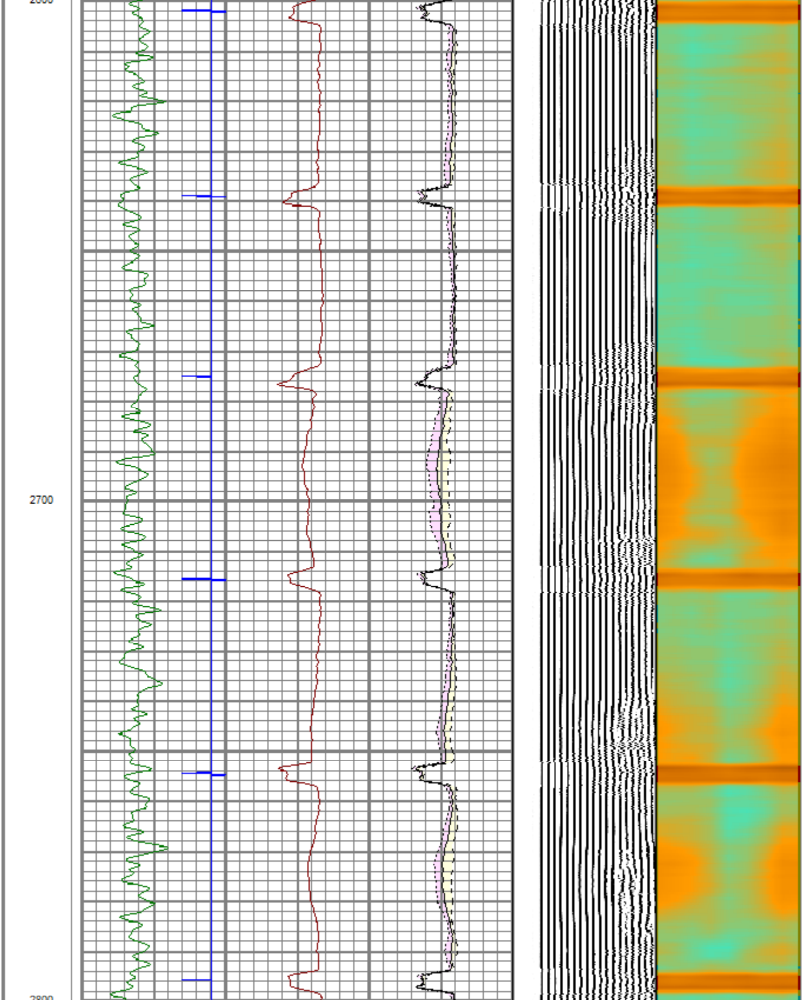


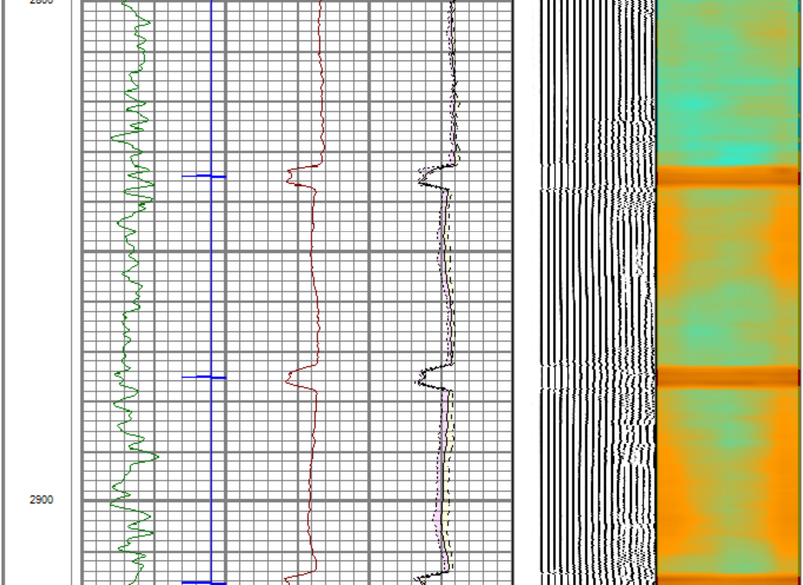


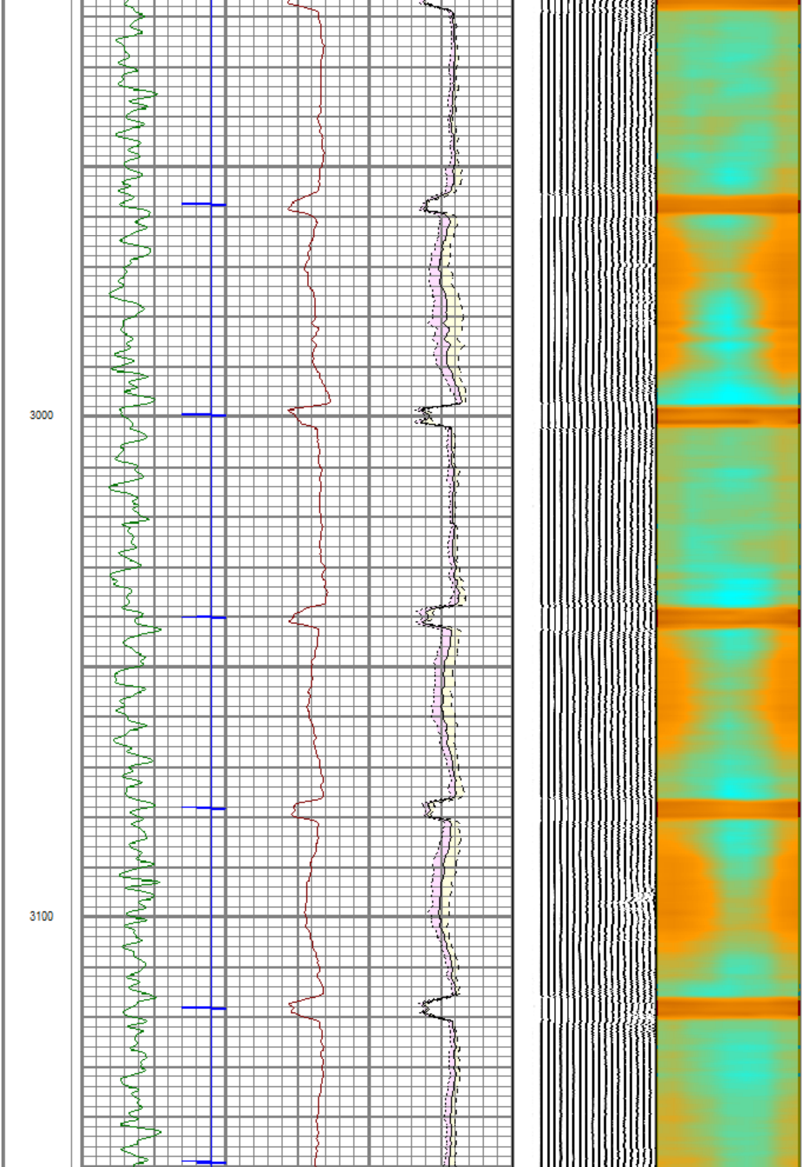












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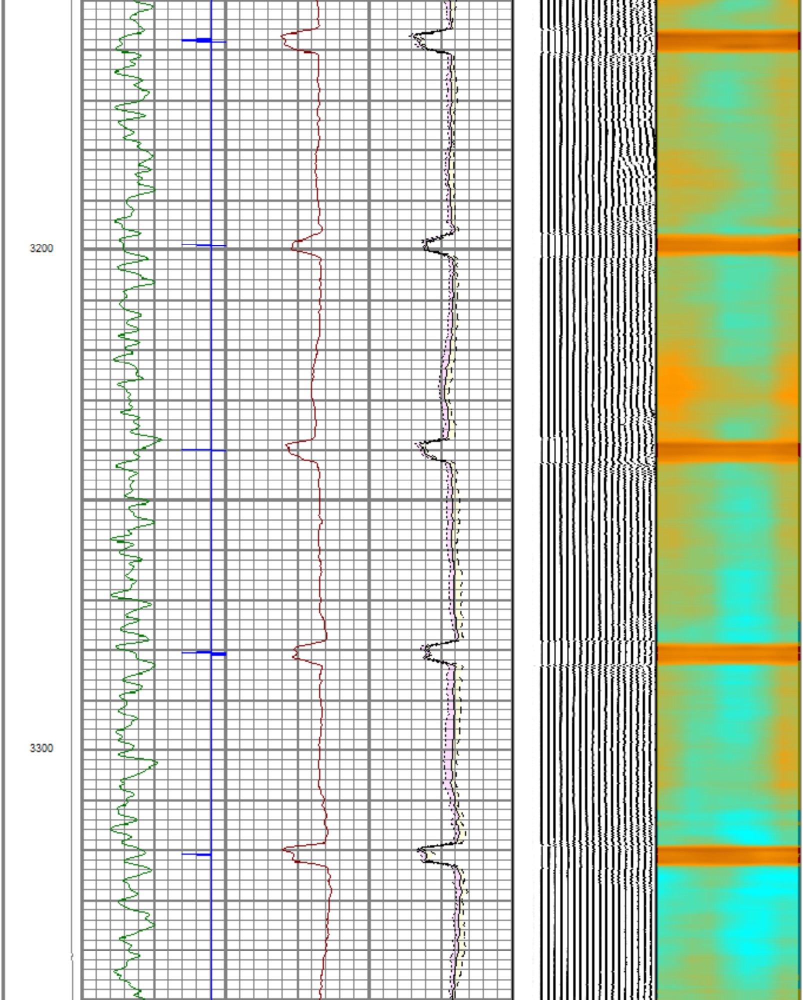
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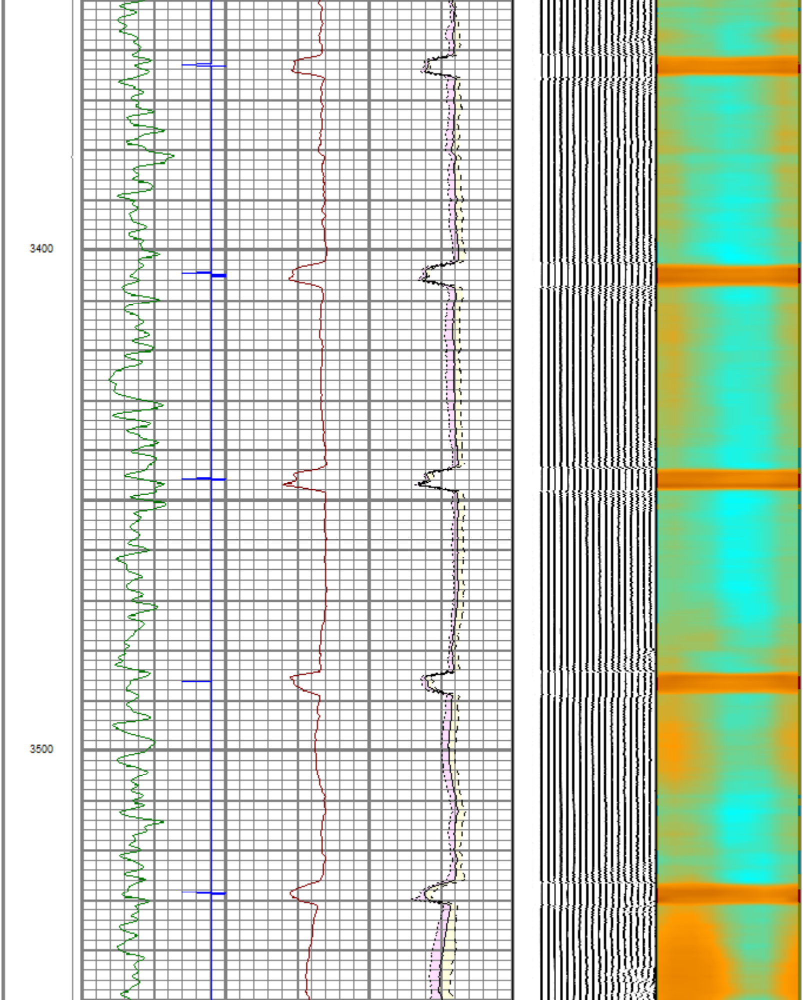
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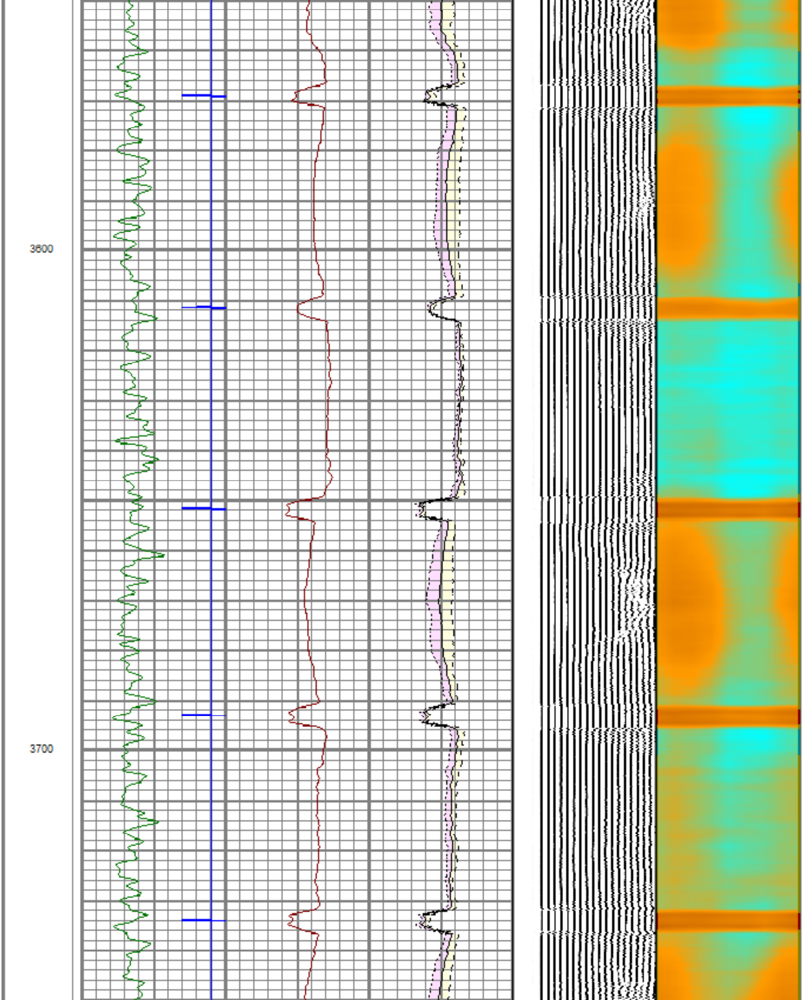
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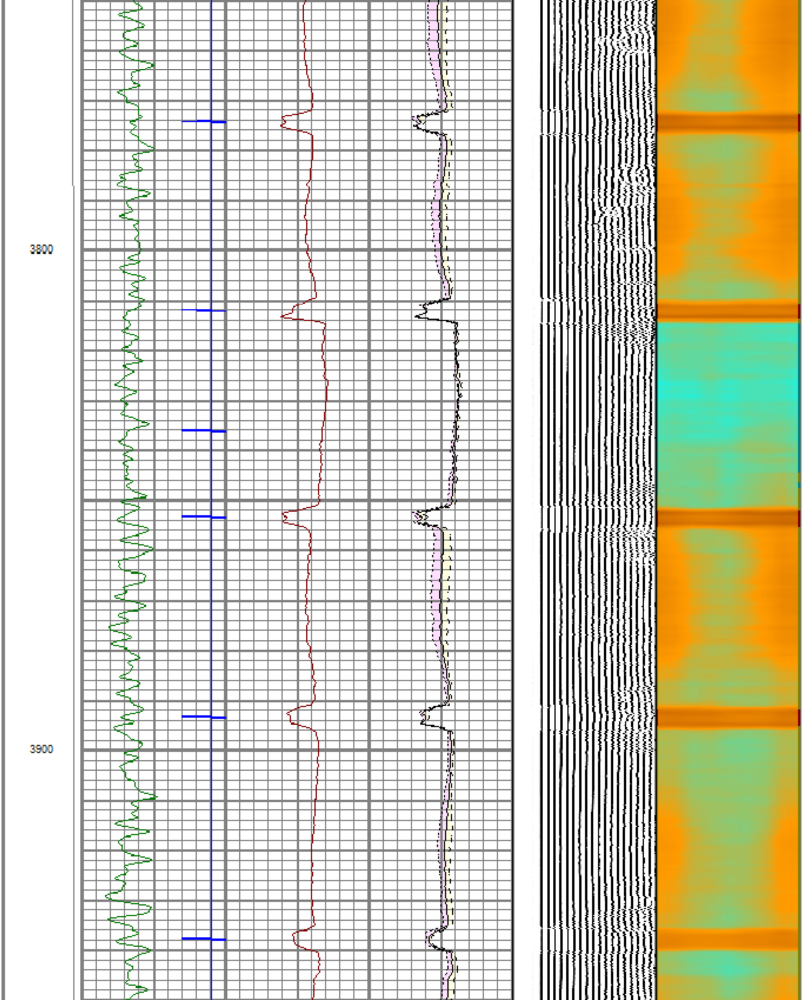
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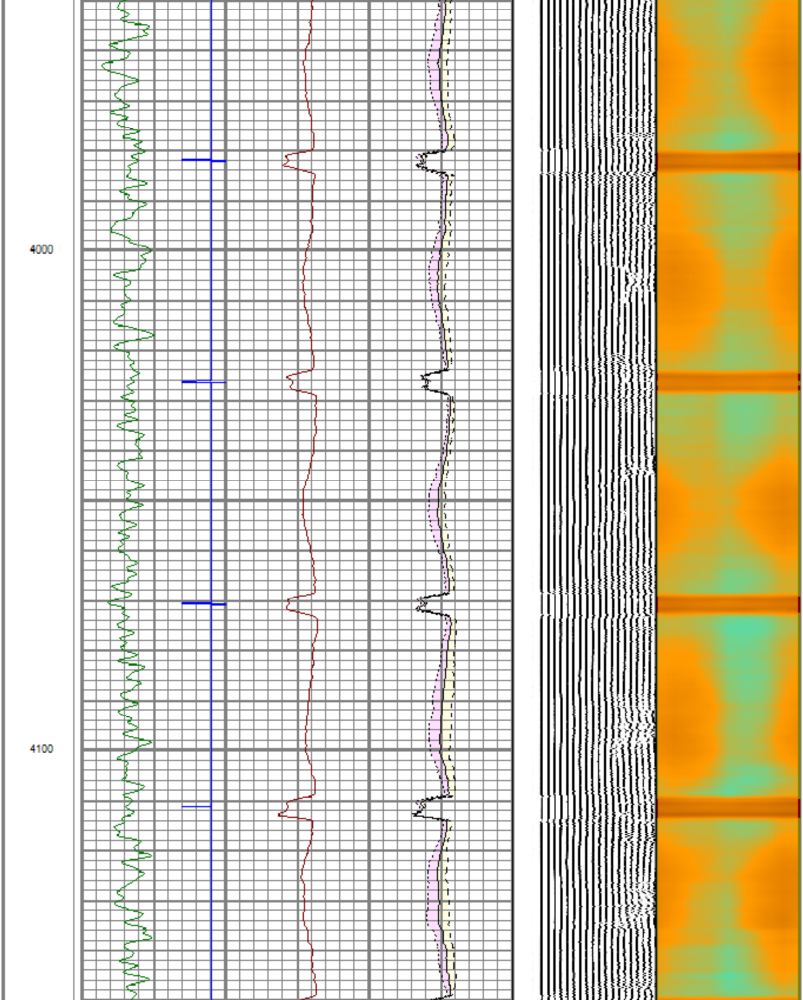
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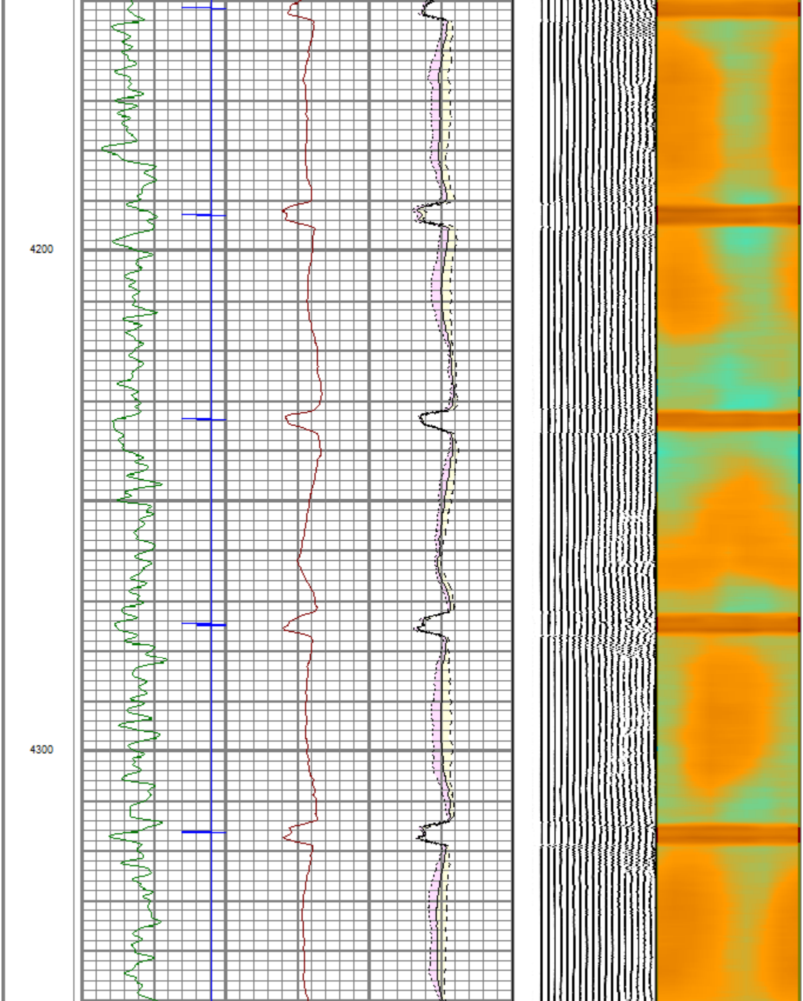
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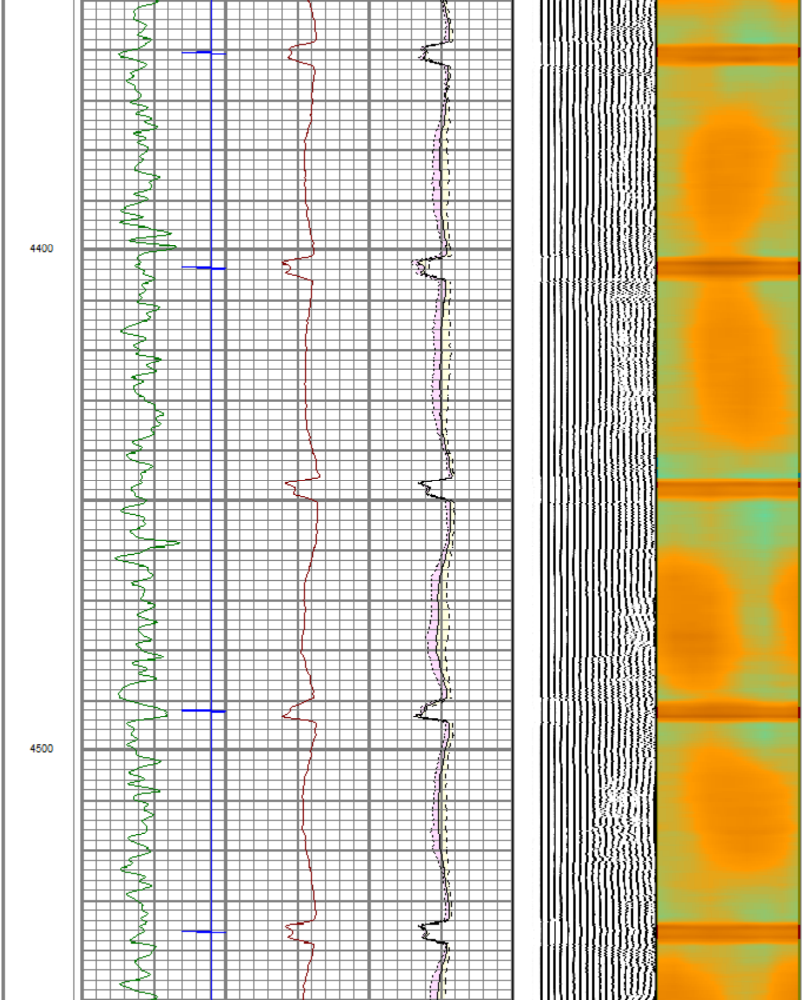
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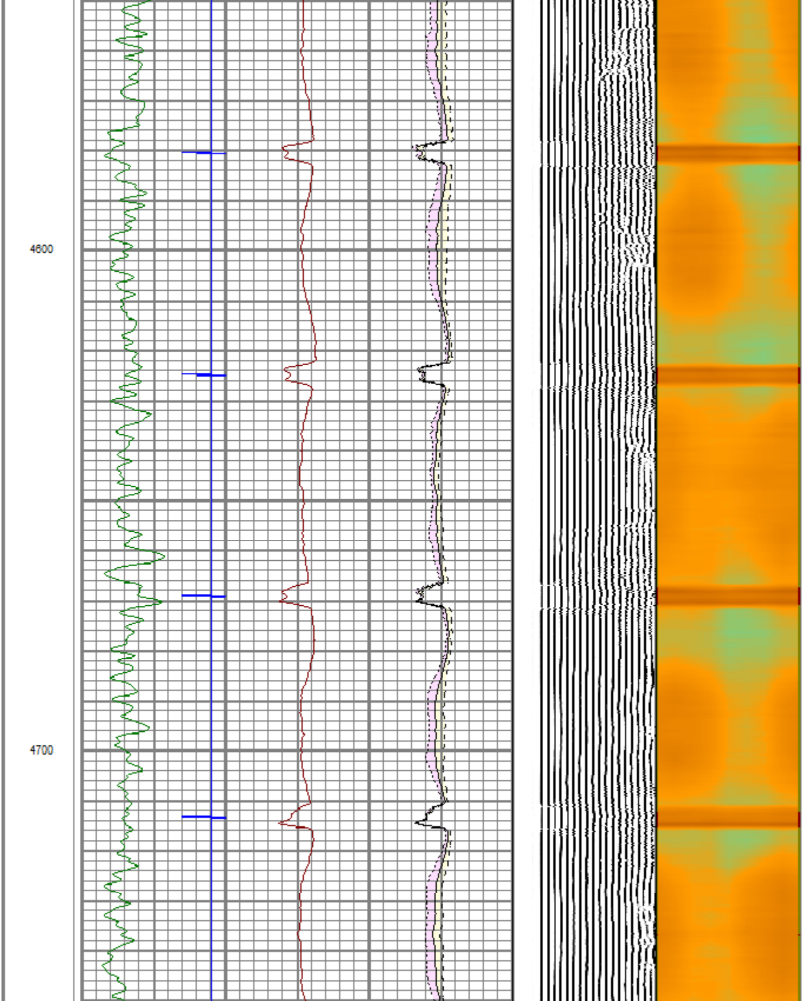
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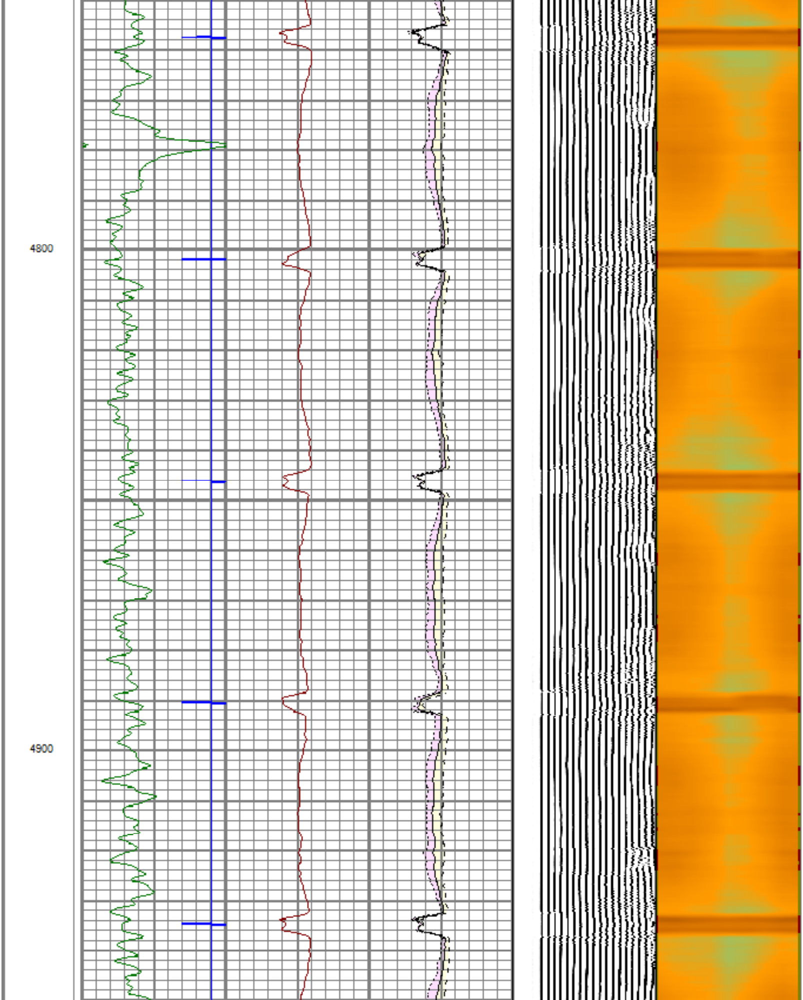
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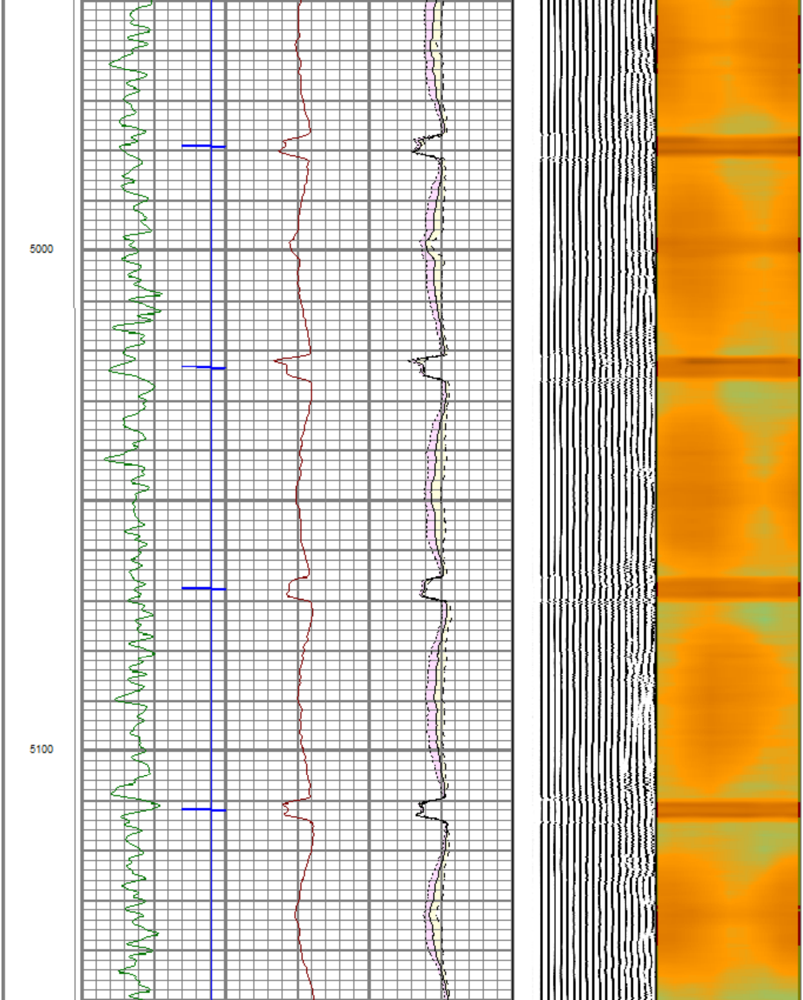
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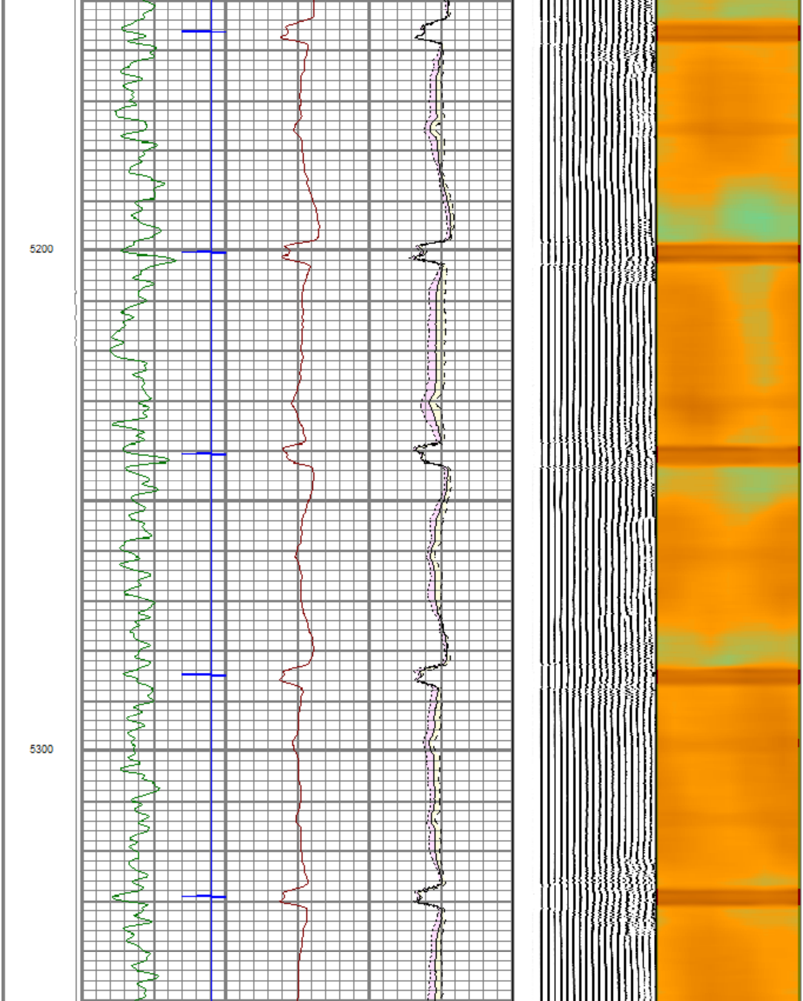
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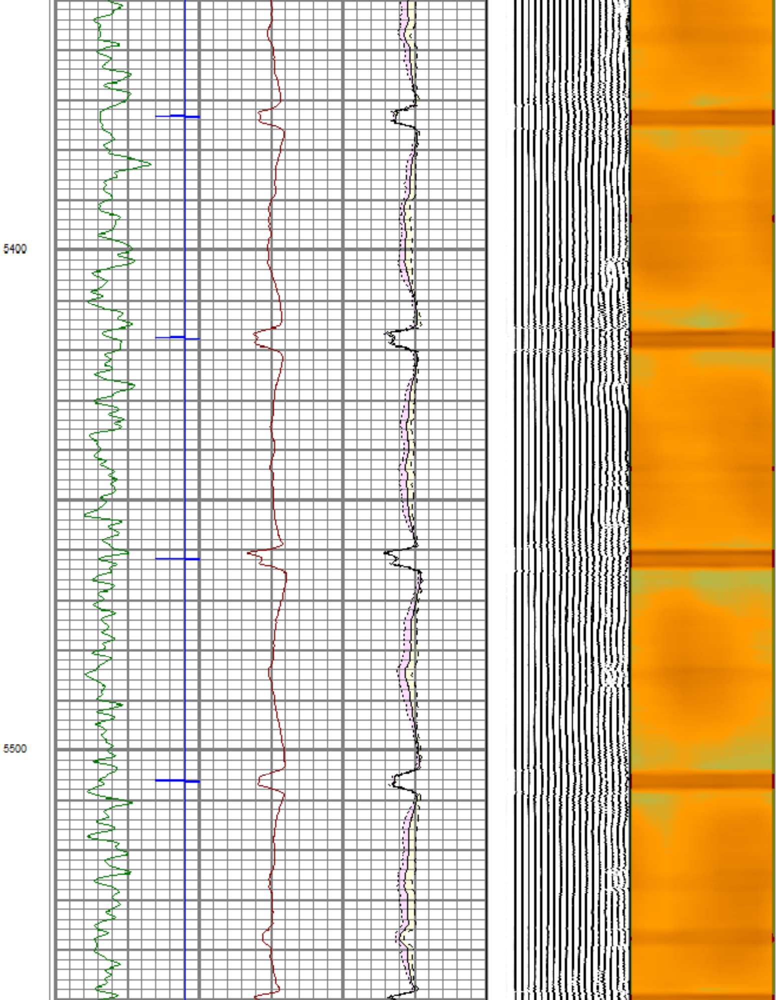
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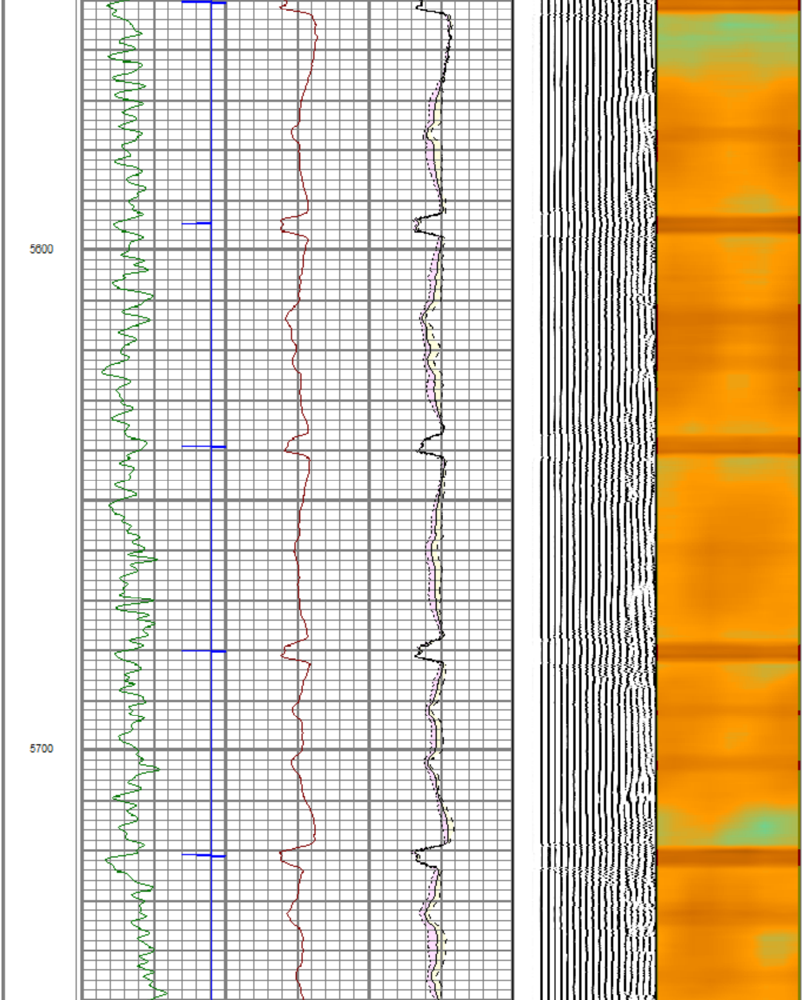
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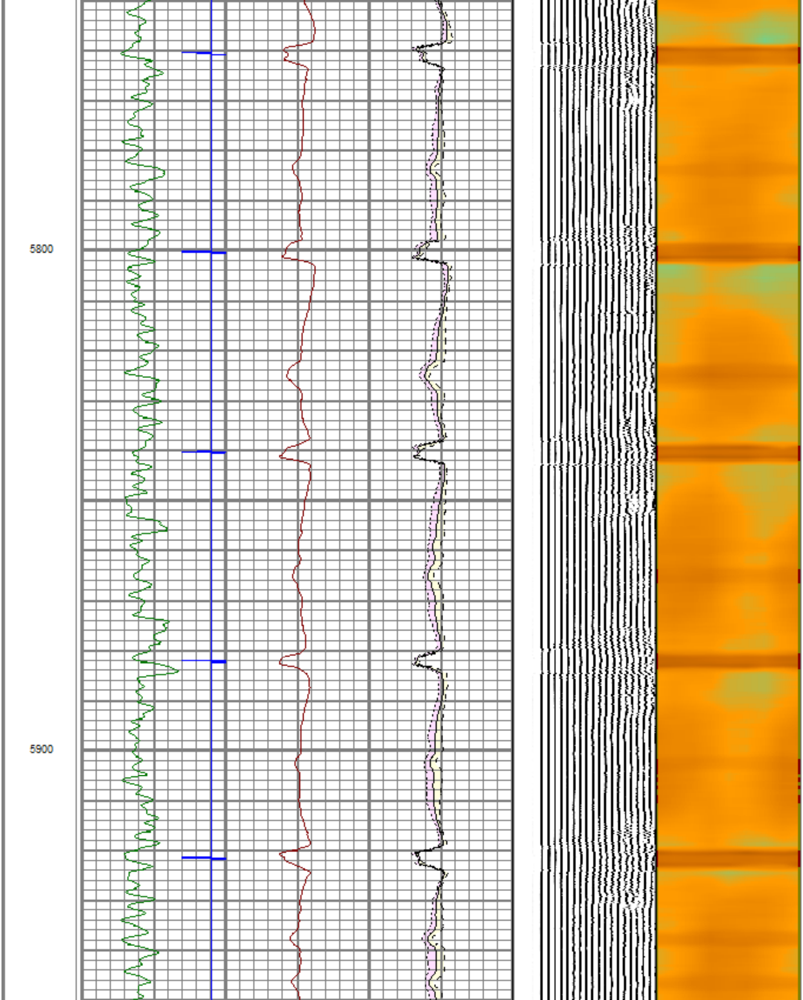
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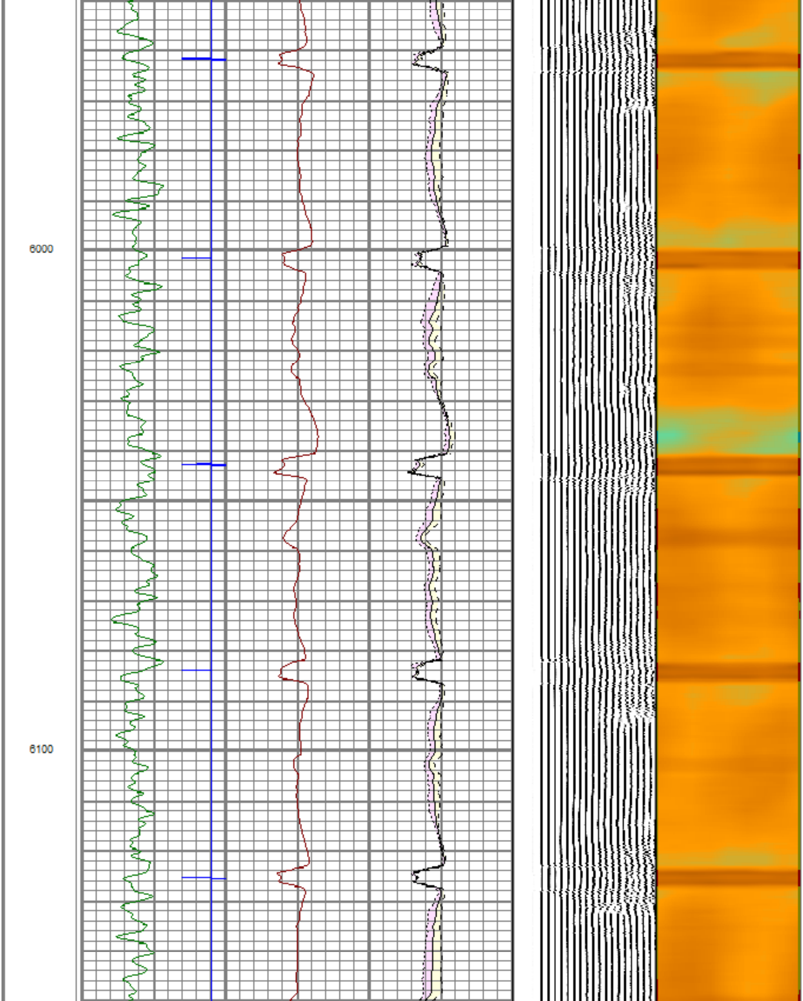
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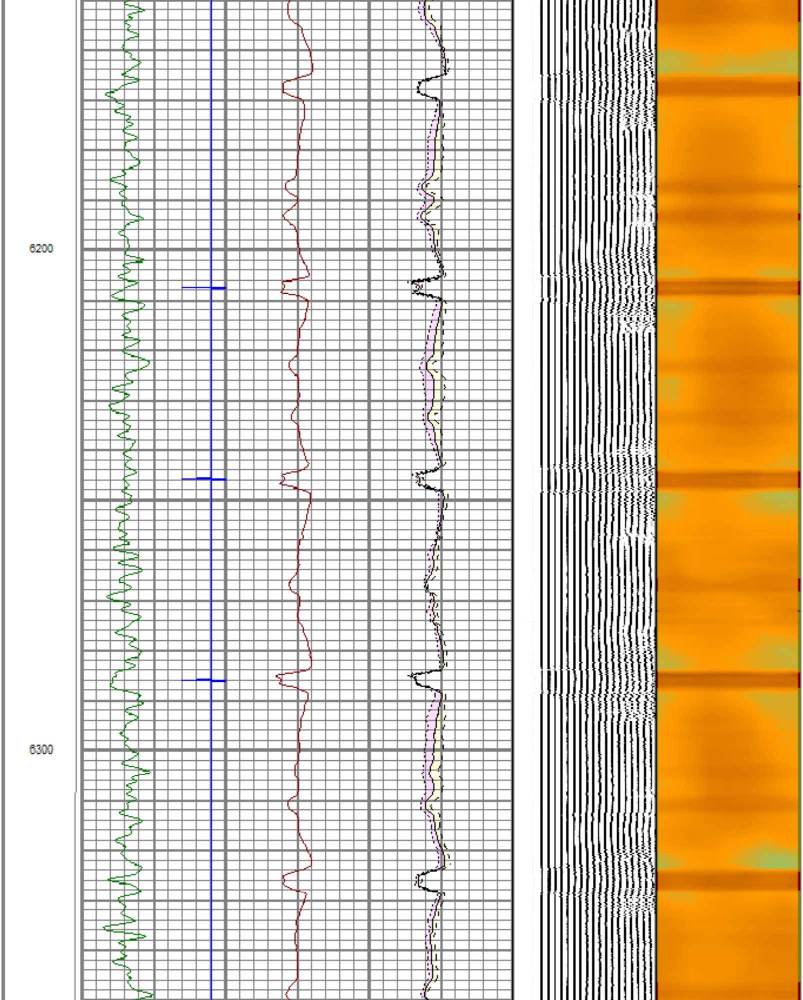
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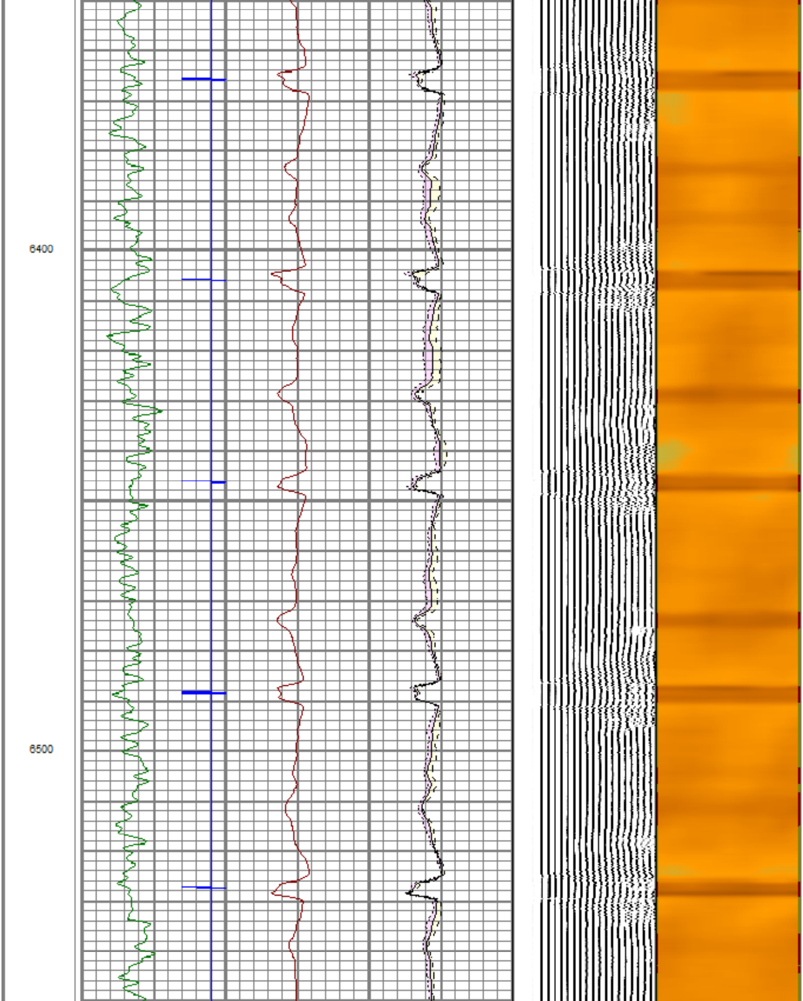
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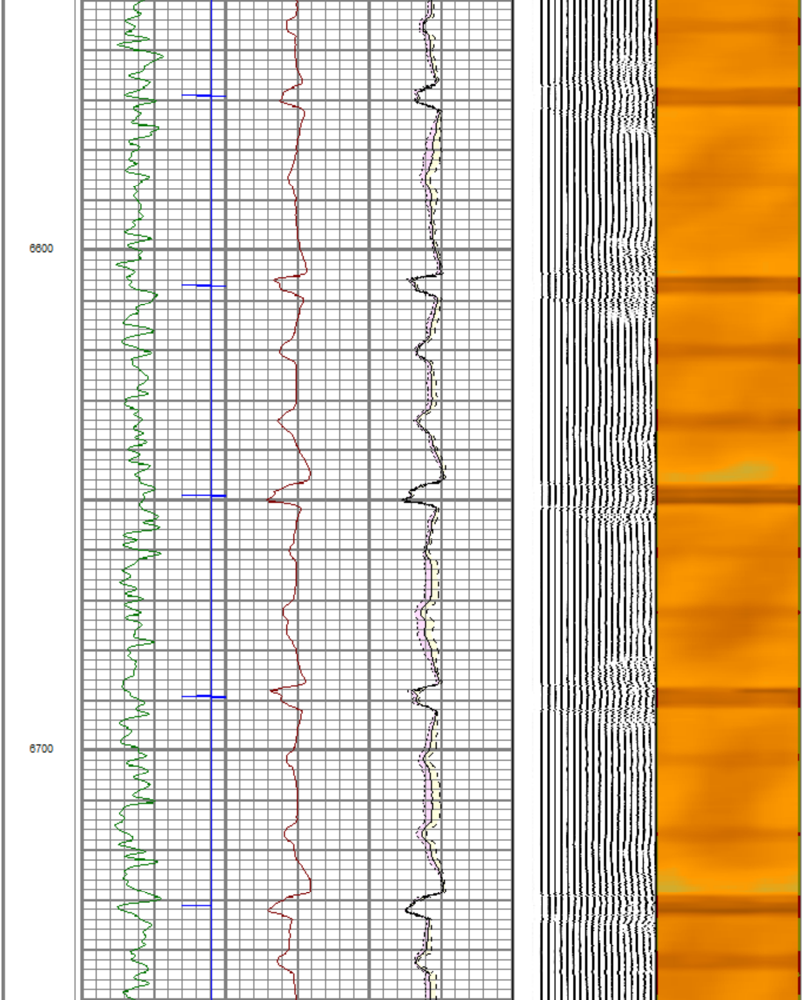
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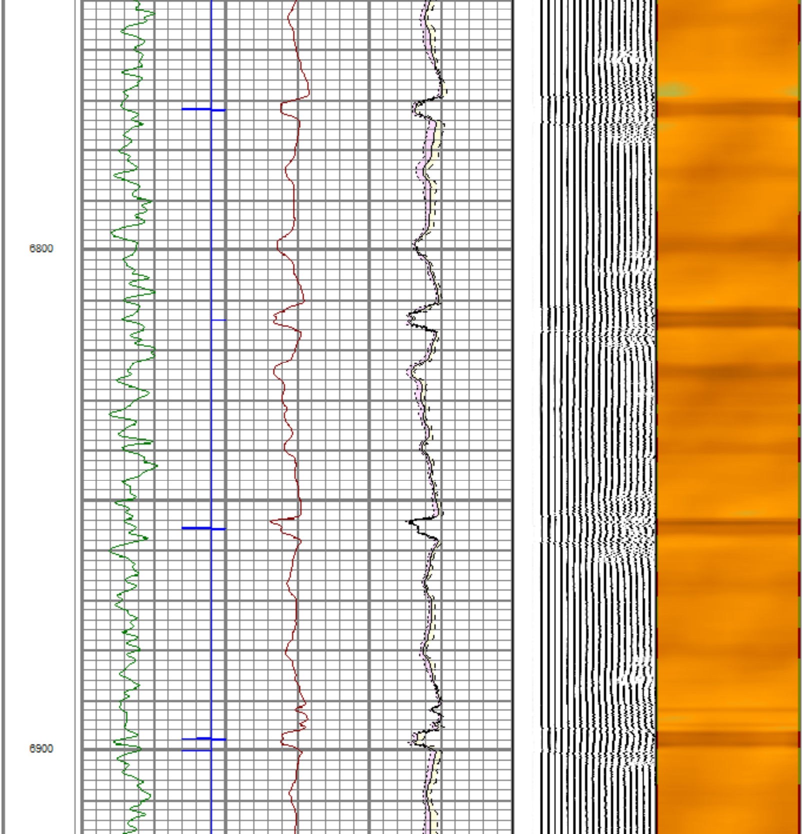
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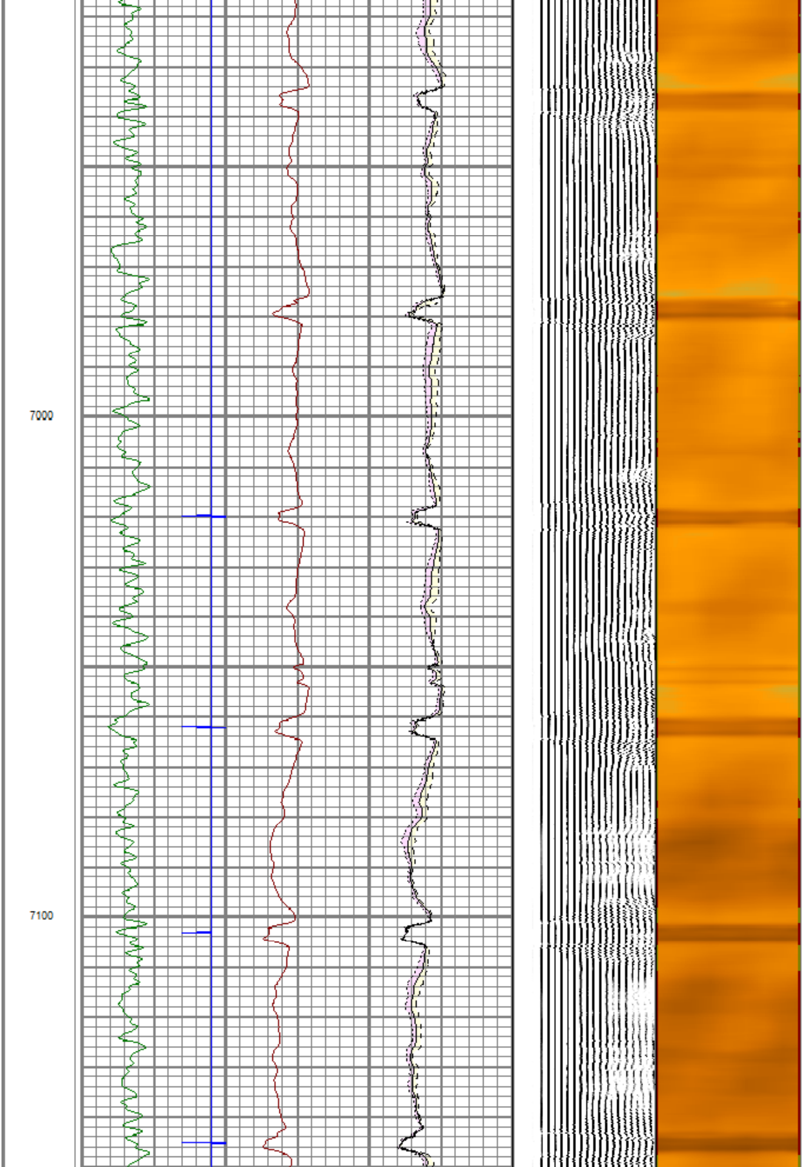
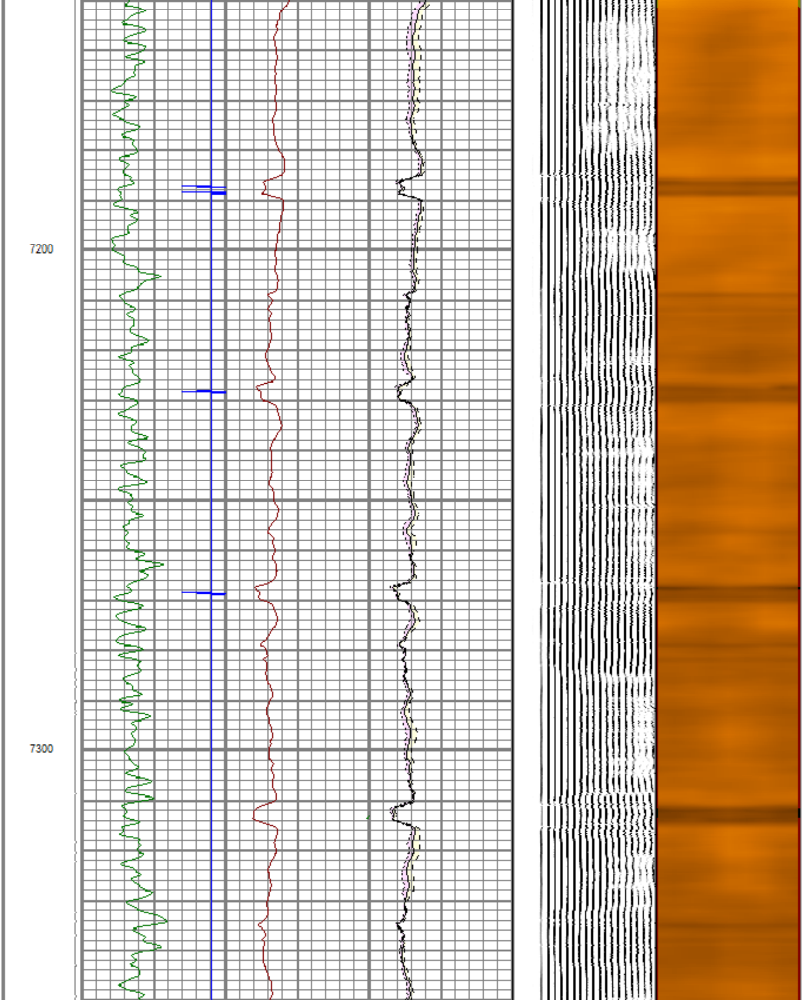
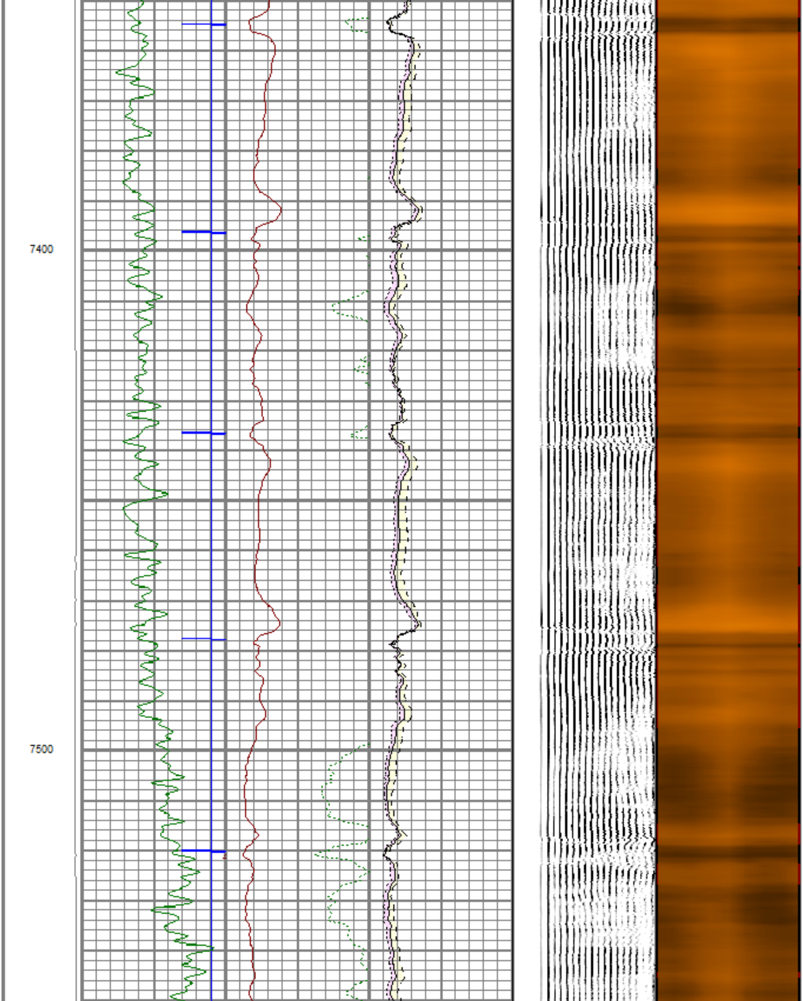
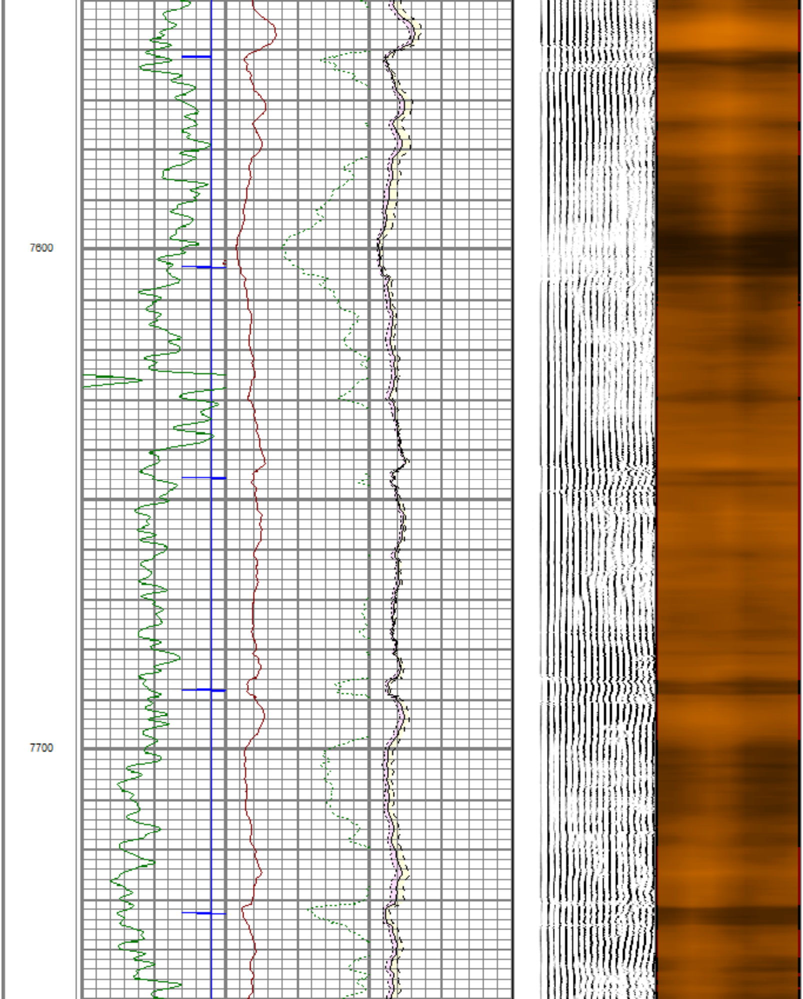
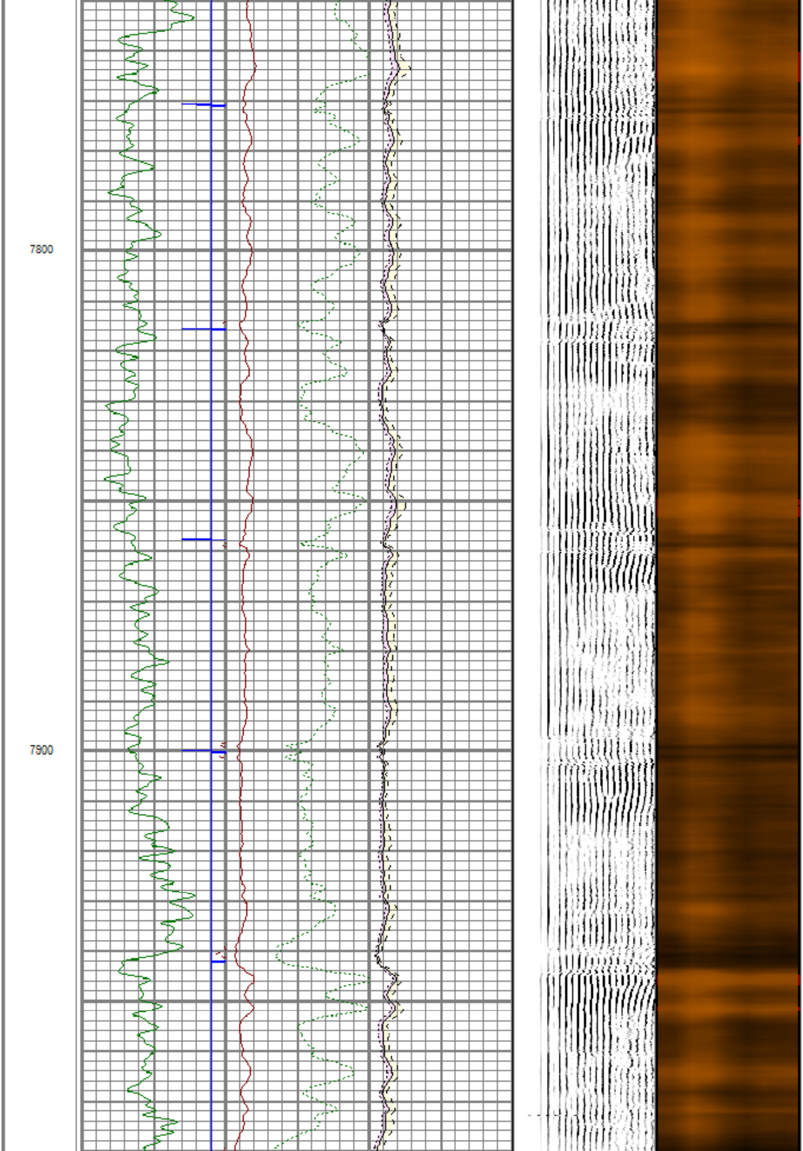
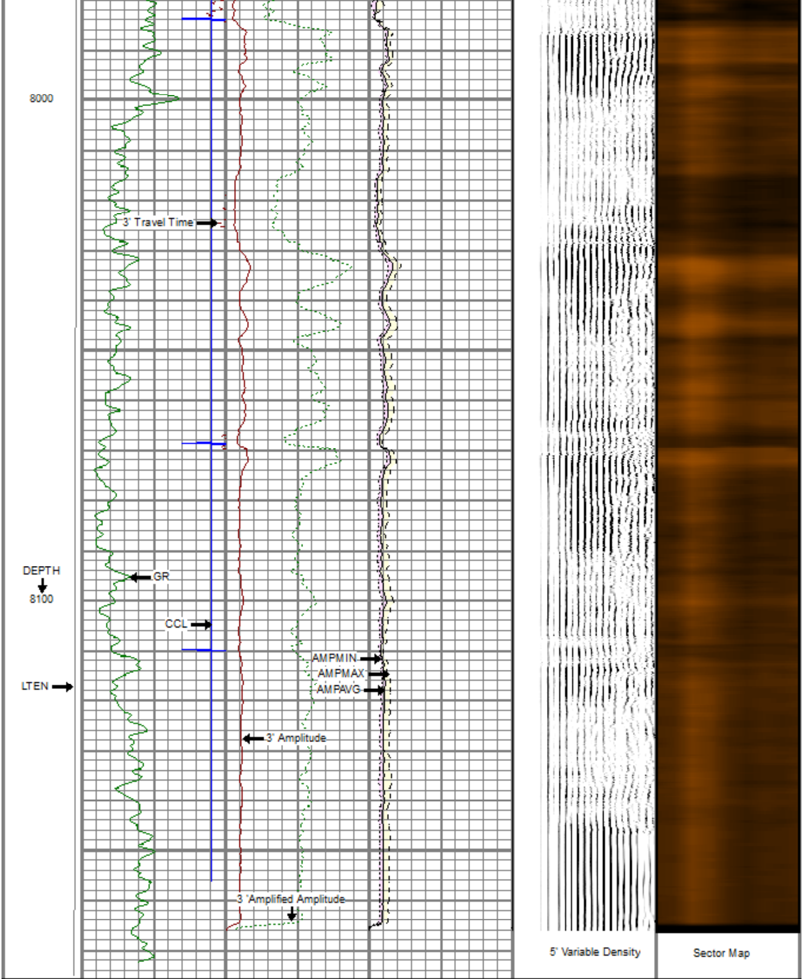












LTEN	3' Travel Time	0 3' Amplitude (mV) 100	0 AMPAVG 150	5' Variable Density	1 Sector Map 8
0 (lb) 1000	460 (usec) 260	3 'Amplified Amplitude	0 AMPMAX 150	200 (usec) 1200	
	0 GR (GAPI) 200	0 (mV) 20	0 AMPMIN 150		

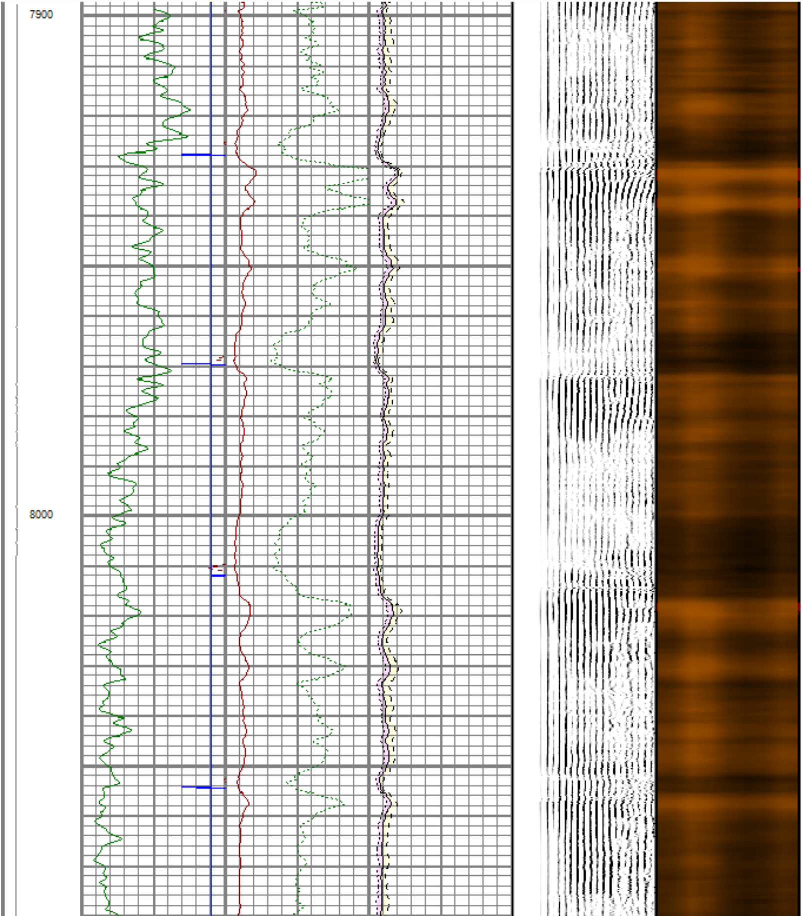
GO WIRELINE LLC

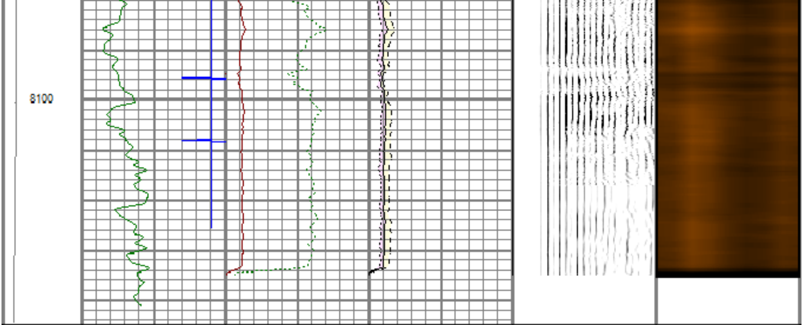
MAIN PASS 0 PSI

REPEAT PASS 0 PSI

Database File	90613.db
Dataset Pathname	pass2
Presentation Format	rbl18
Dataset Creation	Thu Nov 21 13:46:17 2019
Charted by	Depth in Feet scaled 1:240

LTEN	3' Travel Time	0 3' Amplitude (mV) 100	0 AMPAVG 150	5' Variable Density	1 Sector Map 8
0 (lb) 1000	460 (usec) 260	3 'Amplified Amplitude	0 AMPMAX 150	200 (usec) 1200	
	0 GR (GAPI) 200	0 (mV) 20	0 AMPMIN 150		





LTEN	3' Travel Time	0 3' Amplitude (mV) 100	0 AMPAVG 150	5' Variable Density	1 Sector Map 8
0 (lb) 1000	460 (usec) 260	3 'Amplified Amplitude	0 AMPMAX 150	200 (usec) 1200	
	0 GR (GAPI) 200	0 (mV) 20	0 AMPMIN 150		

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REPEAT PASS 0 PSI