GO WIRELINE LLC

RCBL
GAMMA RAY / CCL

Company	HIGHPOINT RESOURCES
Well	ANSCHUTZ COFFELT 5-61-35-1724B
Field	WATTENBURG
County	WELD
State	CO

Company HIGHPOINT RESOURCES
Well ANSCHUTZ COFFELT 5-61-35-1724B
Field WATTENBURG
County WELD State CO

Location: API # : 05-123-49131
SWNW
1605' FNL & 320' FWL
SEC 35 TWP 5N RGE 61W

Other Services
NONE

Permanent Datum GROUND LEVEL Elevation 4491'
Log Measured From KB 16.5'
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4508'
D.F. --
G.L. 4491'

Date	07-20-2019
Run Number	ONE
Depth Driller	15,908'
Depth Logger	NA
Bottom Logged Interval	5950'
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	0630
Time Logger on Bottom	0700
Equipment Number	216
Location	GREELEY, CO
Recorded By	S. STUMP
Witnessed By	ANDREW PEETOOM

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	978'
Prot. String	7"	23#	SURFACE	6171'
Production String				
Liner	4.5"	11.6#	SURFACE	15901'

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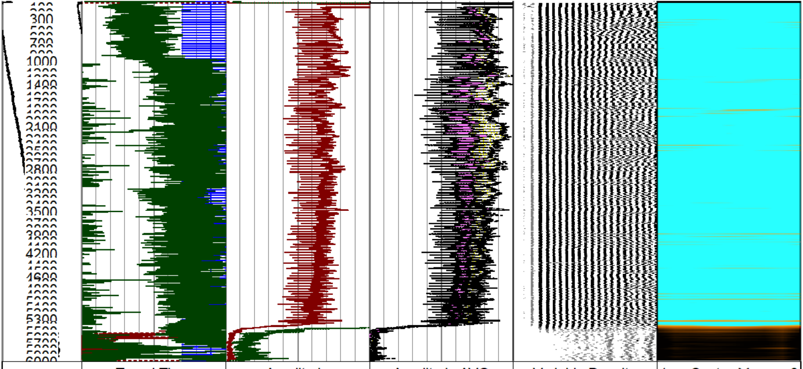
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Comments

INFORMATION PROVIDED BY COMPANY REPRESENTATIVE

Database File	90118.db
Dataset Pathname	1INCH
Presentation Format	rbl
Dataset Creation	Sat Jul 20 08:17:24 2019
Charted by	Depth in Feet scaled 1:20000

LTEN	Travel Time	Amplitude	Amplitude AVG	Variable Density	Sector Map
(lb)	370 (usec) 270	0 (mV) 100	0 150	200 (usec) 1200	1 8
0 1000	Casing Collar Locator	Amplified Amplitude	Amplitude MAX		
	-9 1.05	0 (mV) 20	0 150		
	Gamma Ray		0 Amplitude MIN150		
	0 (GAPI) 100				



LTEN	Travel Time	Amplitude	Amplitude AVG	Variable Density	Sector Map
(lb)	370 (usec) 270	0 (mV) 100	0 150	200 (usec) 1200	1 8
0 1000	Casing Collar Locator	Amplified Amplitude	Amplitude MAX		
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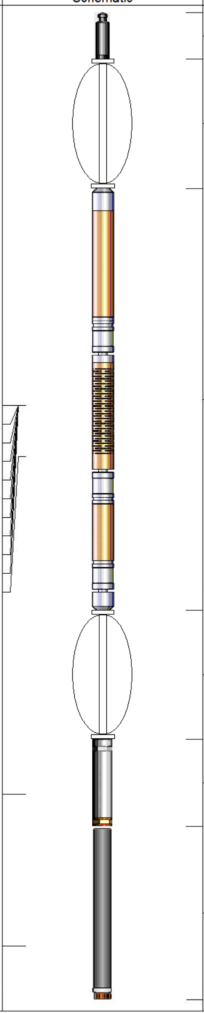
	0 (GAPI) 100				



Sensor	Offset (ft)	Description	Length (ft)	O.D. (in)	Weight (lb)
		CHD-STNDRD Standard Cable Head	1.00	1.44	1.00
		CENT-tekco	2.73	2.75	50.00
WVFS8 WVFS7 WVFS6 WVFS5 WVFS4 WVFS3 WVFS2 WVFS1 WVFCAL WVF3FT WVF5FT	12.56 12.56 12.56 12.56 12.56 12.56 12.56 12.56 12.56 12.56 11.48	RBT-Probe (DD1) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
		CENT-tekco	2.73	2.75	50.00
CCL	4.33	CCL-tecko (D2) 3.125 logging ccl	1.83	3.13	20.00
GR	1.13	GR-probe 2.75 (DA1)	3.67	2.75	100.00

Dataset: 90118.db: field/well/run1/MAIN
Total length: 20.88 ft
Total weight: 311.00 lb
O.D.: 3.13 in

Calibration Report

Database File 90118.db
Dataset Pathname MAIN
Dataset Creation Sat Jul 20 08:08:15 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:	1257.583	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.002	0.647	1.500	81.196	123.721	1.204
CAL	0.007	1.000				
5'	0.006	0.604	1.500	81.196	133.444	0.637
SUM						
S1	0.004	0.944	0.000	100.000	106.386	-0.419
S2	-0.013	0.906	0.000	100.000	108.908	1.366
S3	-0.005	0.877	0.000	100.000	113.391	0.525
S4	0.000	0.898	0.000	100.000	111.347	-0.018
S5	-0.001	0.870	0.000	100.000	114.858	0.063
S6	-0.007	0.895	0.000	100.000	110.969	0.727
S7	-0.006	0.882	0.000	100.000	112.729	0.629
S8	0.017	0.946	0.000	100.000	107.602	-1.827

Internal Reference Calibration, performed (Not Performed):

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.007	1.000	1.000	0.000

Air Zero Calibration, performed Fri Jul 19 07:02:28 2019:

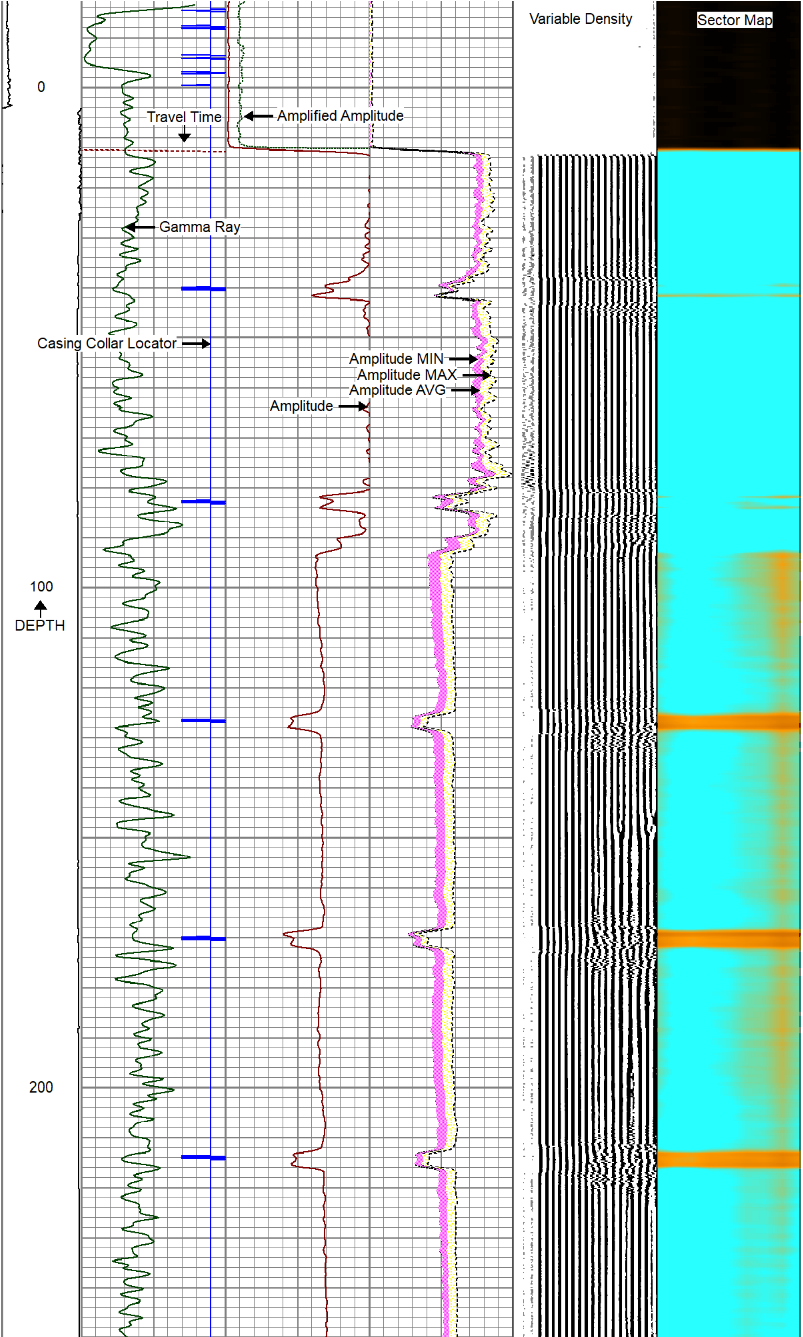
	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

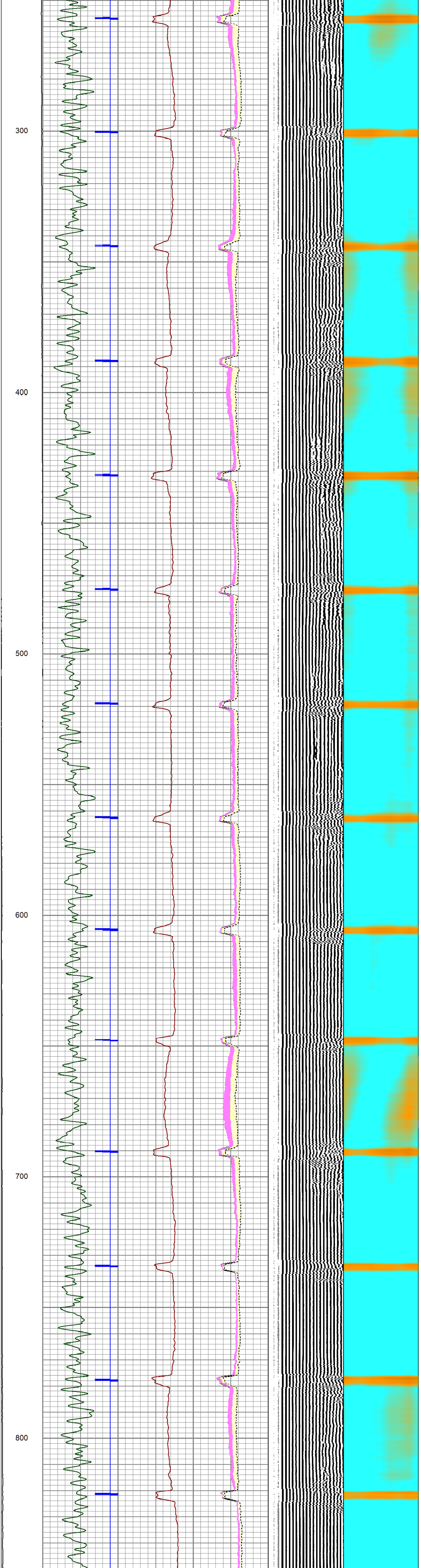
GO WIRELINE LLC

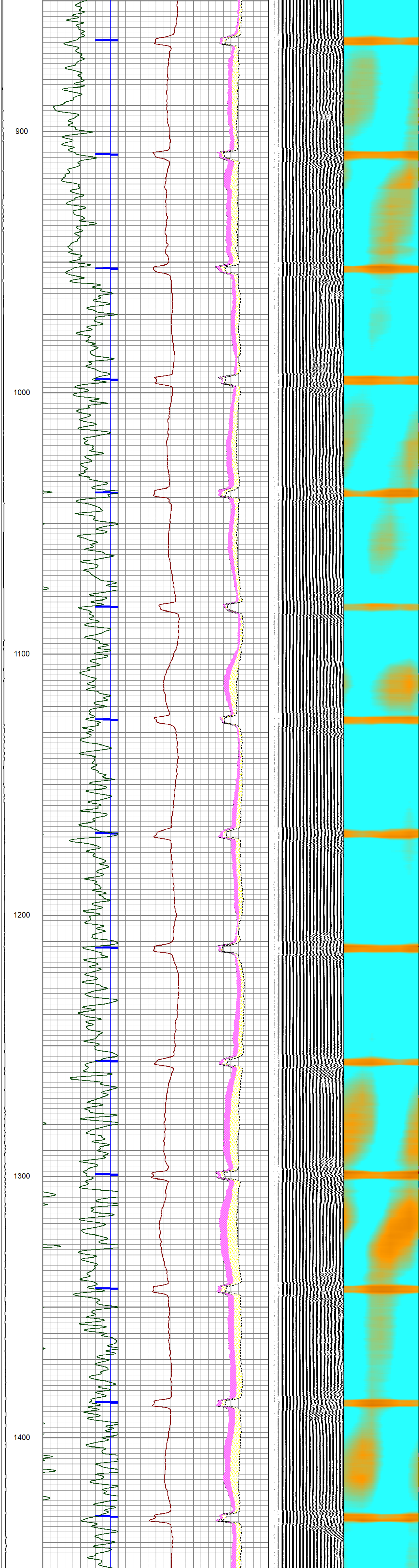
MAIN PASS 0 PSI

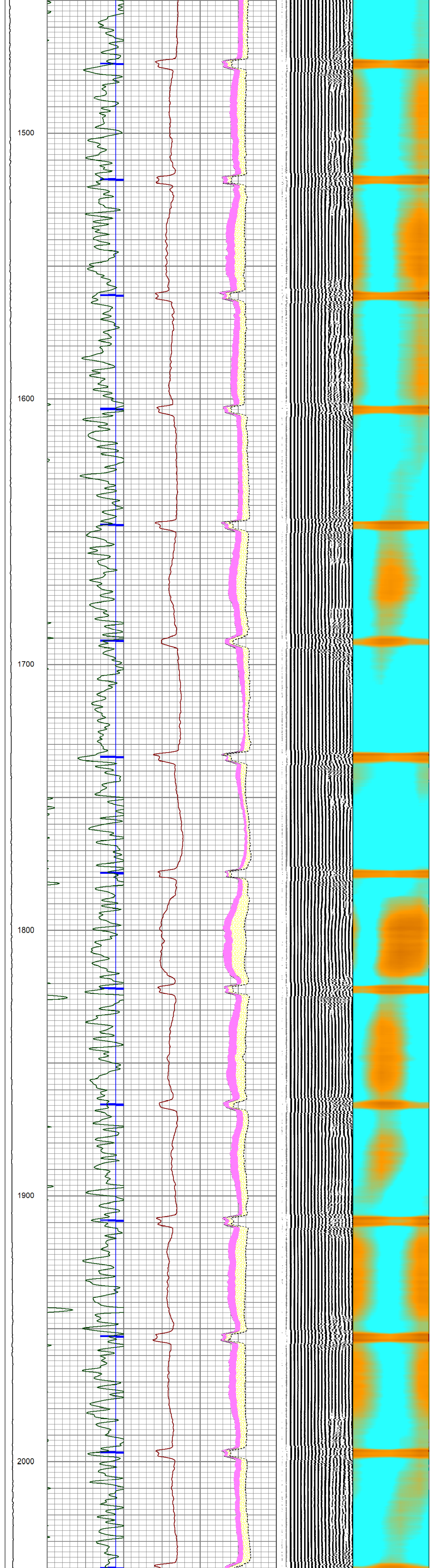
Database File 90118.db
Dataset Pathname MAIN
Presentation Format rbl
Dataset Creation Sat Jul 20 08:08:15 2019
Charted by Depth in Feet scaled 1:240

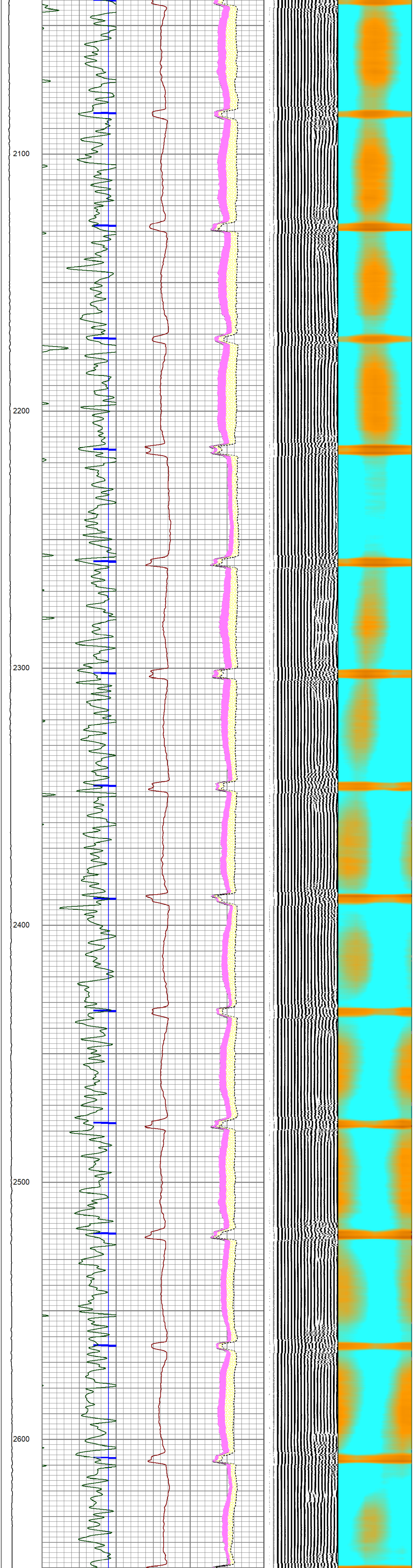
LTEN	Travel Time	Amplitude	Amplitude AVG	Variable Density	Sector Map
(lb) 0 1000	370 (usec) 270	0 (mV) 100	0 150	200 (usec) 1200	1 8
	Casing Collar Locator -9 1.05	Amplified Amplitude 0 (mV) 20	Amplitude MAX 0 150		
	Gamma Ray 0 (GAPI) 100		0 Amplitude MIN 150		

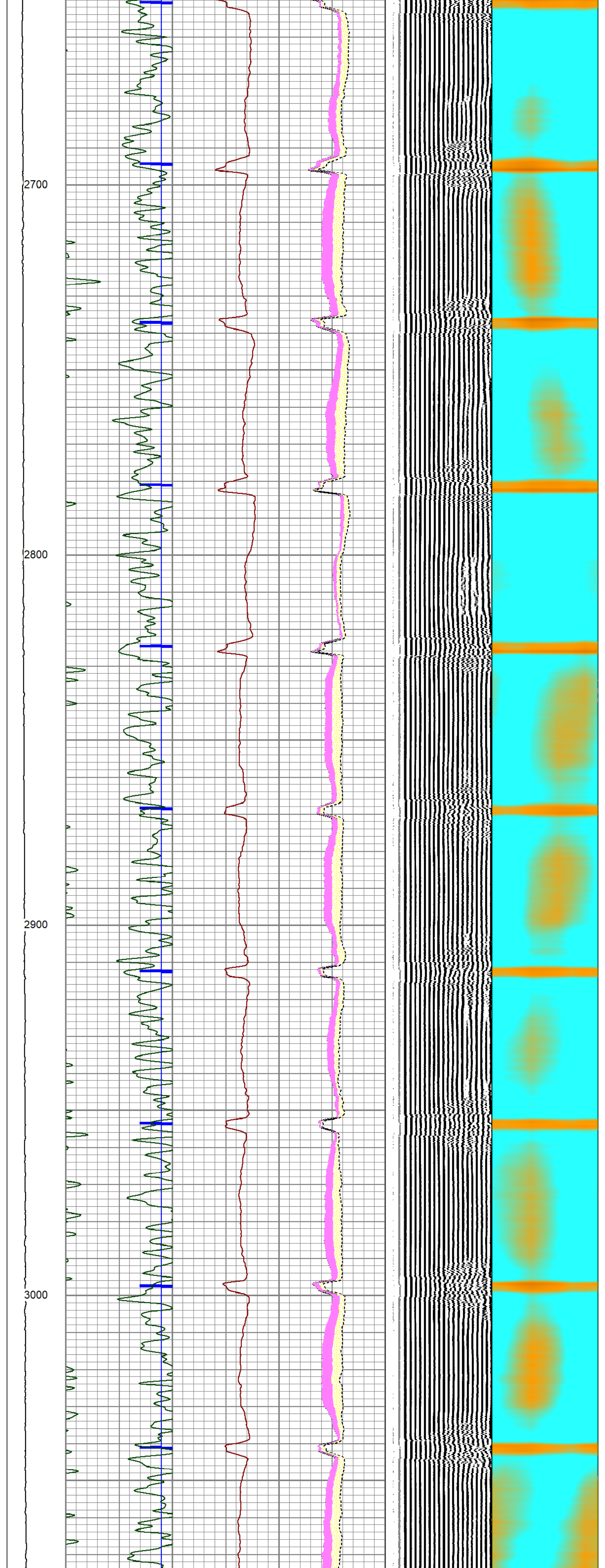


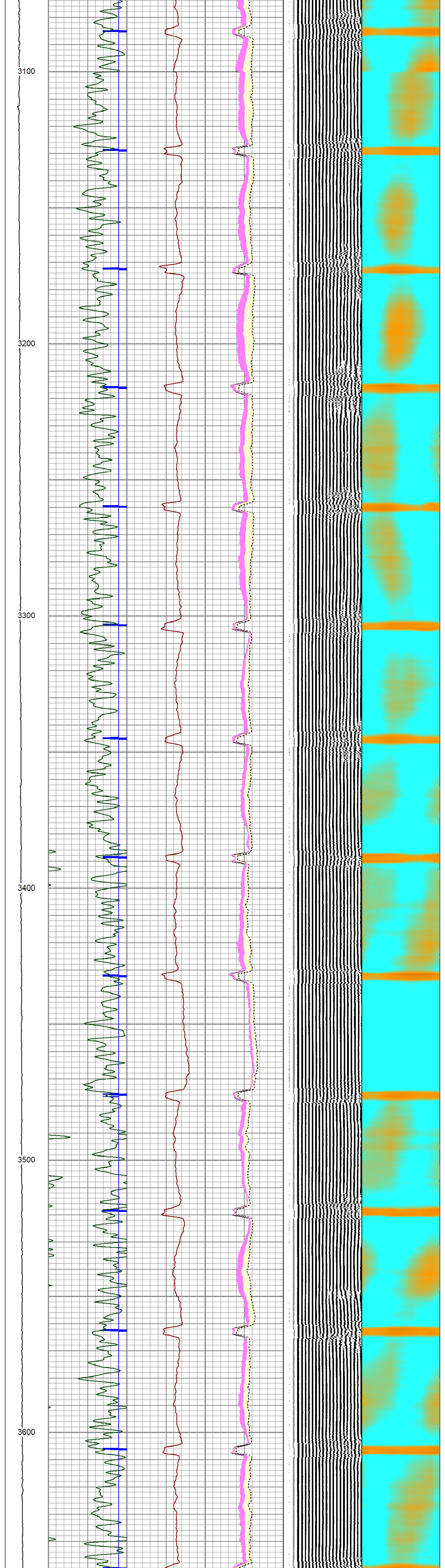


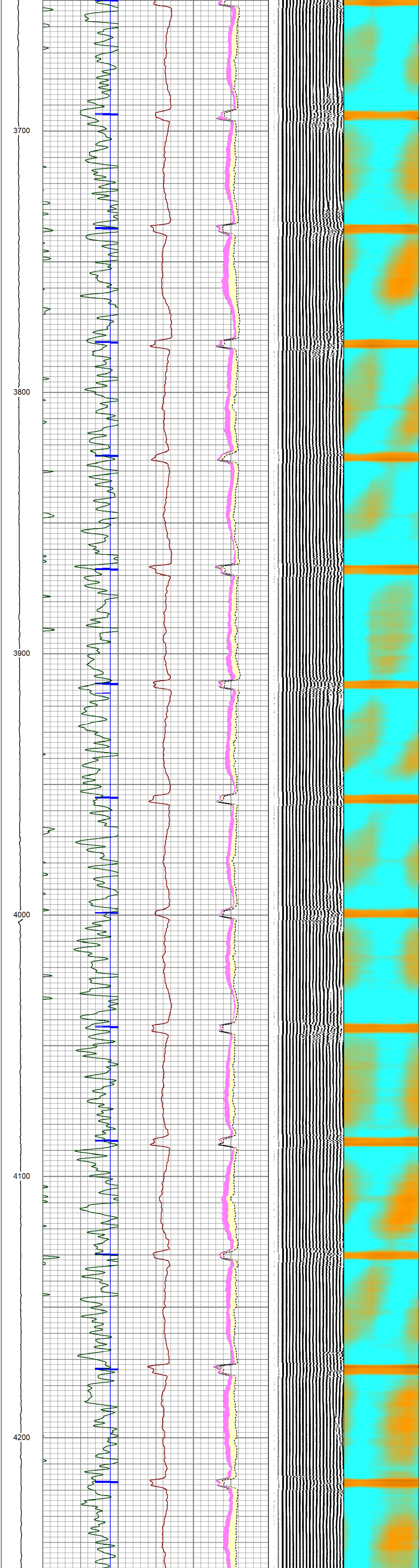


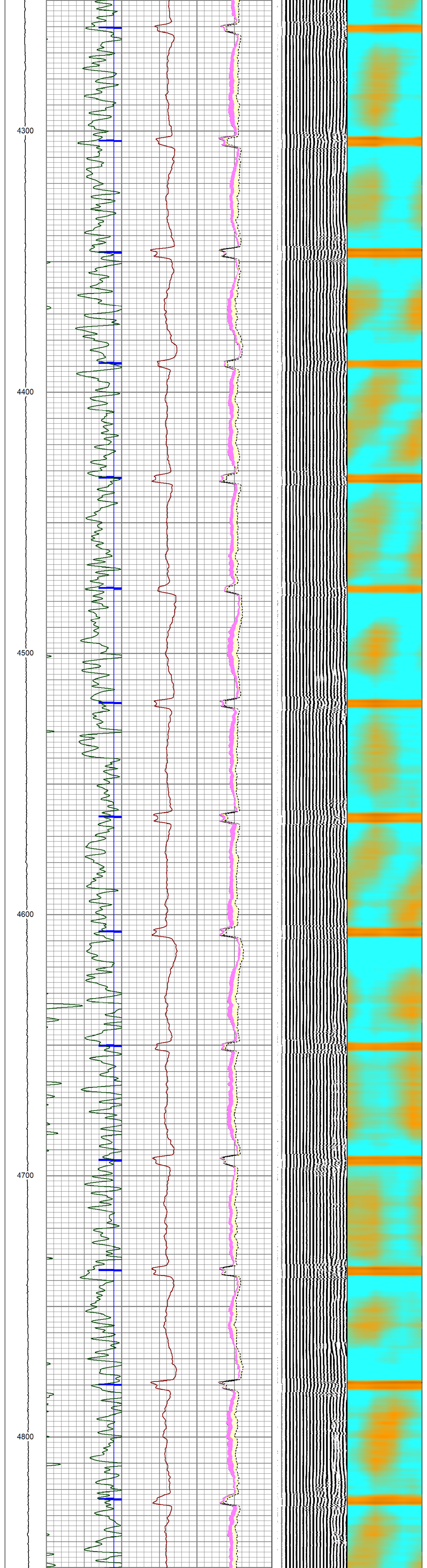


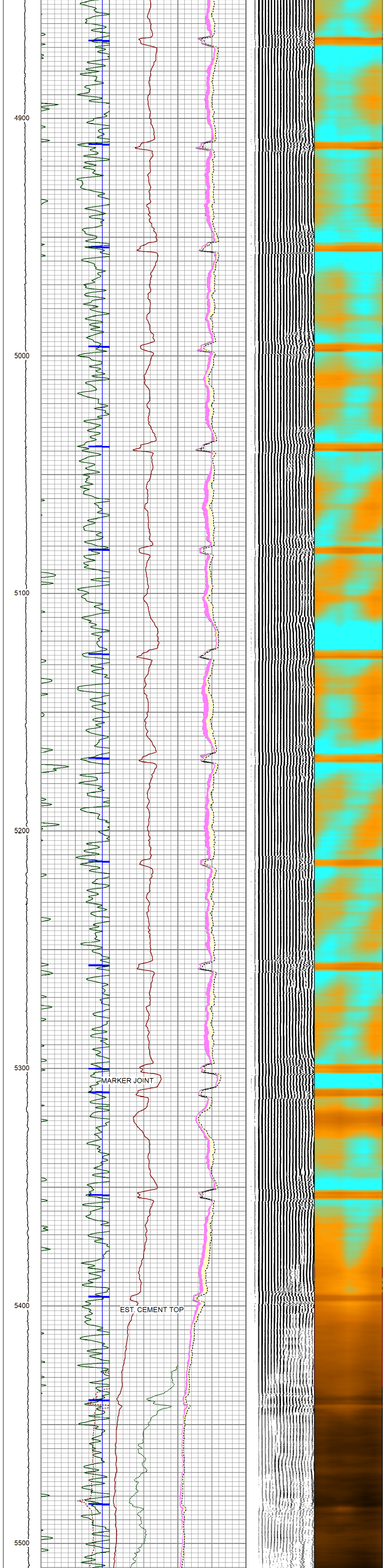


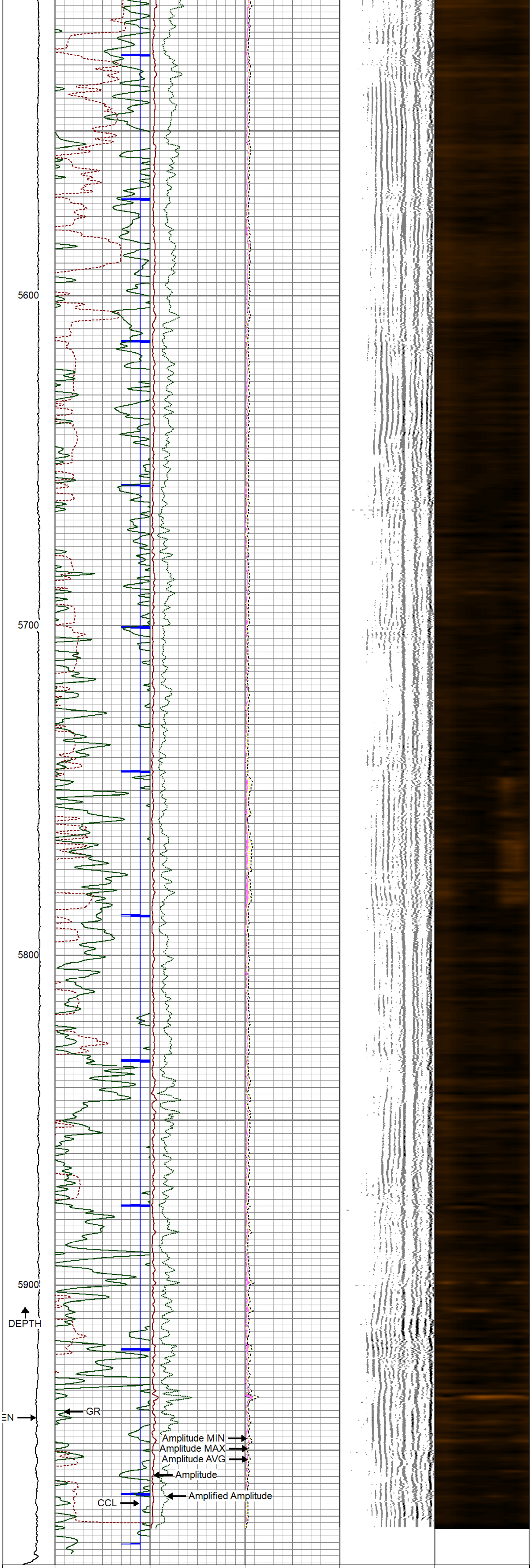












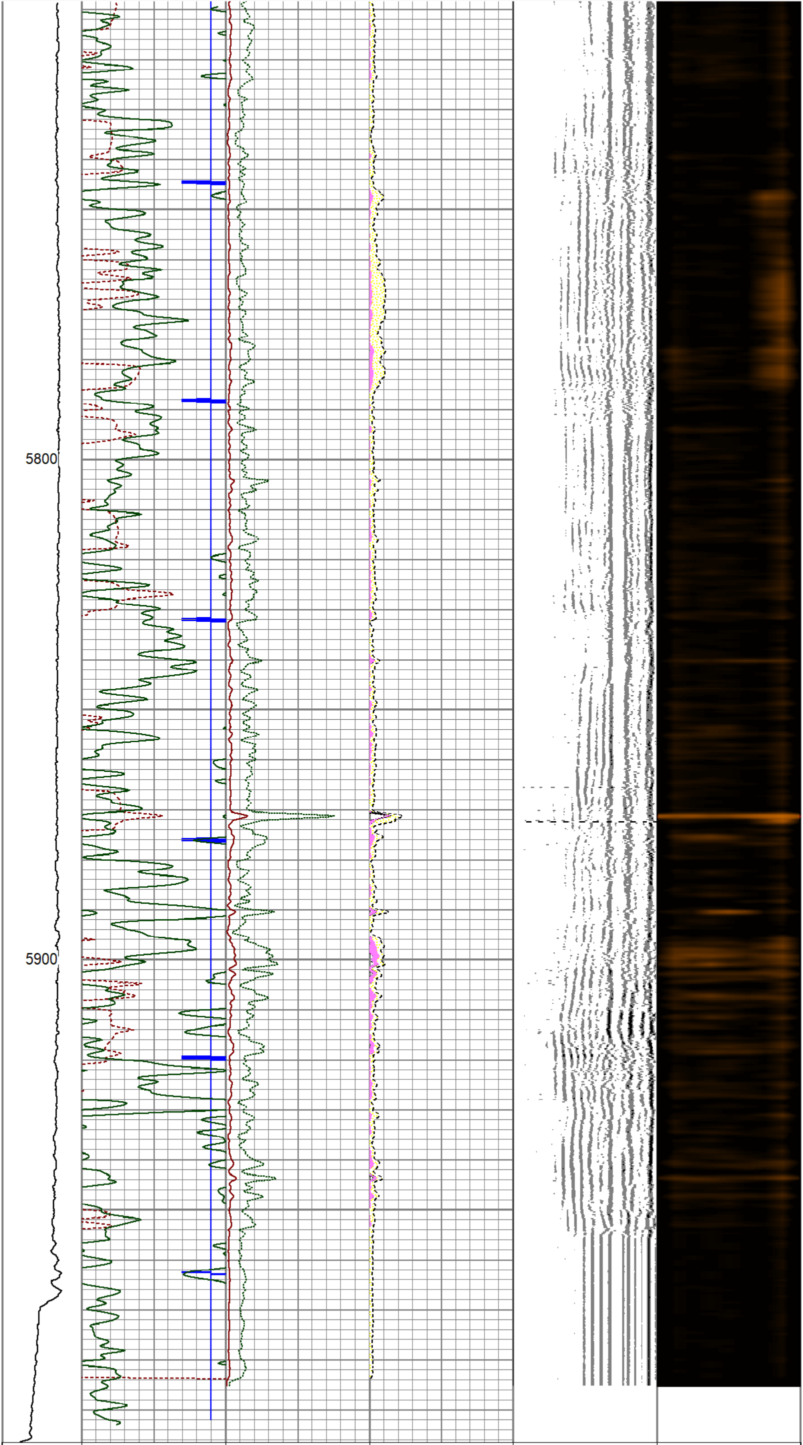
LTEN (lb) 0 1000	Travel Time 370 (usec) 270	Amplitude 0 (mV) 100	Amplitude AVG 0 150	Variable Density 200 (usec) 1200	1 Sector Map 8
	Casing Collar Locator -9 1.05	Amplified Amplitude 0 (mV) 20	Amplitude MAX 0 150		
	Gamma Ray 0 (GAPI) 100		0 Amplitude MIN150		

MAIN PASS 0 PSI

REPEAT PASS 0 PSI

Database File	90118.db
Dataset Pathname	pass4
Presentation Format	rbl
Dataset Creation	Sat Jul 20 06:59:42 2019
Charted by	Depth in Feet scaled 1:240

LTEN (lb) 0 1000	Travel Time 370 (usec) 270 Casing Collar Locator -9 1.05 Gamma Ray 0 (GAPI) 100	Amplitude 0 (mV) 100 Amplified Amplitude 0 (mV) 20	Amplitude AVG 0 150 Amplitude MAX 0 150 0 Amplitude MIN150	Variable Density 200 (usec) 1200	1 Sector Map 8



LTEN (lb) 0 1000	Travel Time 370 (usec) 270 Casing Collar Locator -9 1.05 Gamma Ray 0 (GAPI) 100	Amplitude 0 (mV) 100 Amplified Amplitude 0 (mV) 20	Amplitude AVG 0 150 Amplitude MAX 0 150 0 Amplitude MIN150	Variable Density 200 (usec) 1200	1 Sector Map 8

REPEAT PASS 0 PSI