gyrodata

CEMENT BOND LOG

Company	Conoco Phillips
Well	Florida 3-65 27-26 #3AH
Field	Wildcat
County	Adams
State	CO

Company **Conoco Phillips**

Well **Florida 3-65 27-26 #3AH**

Field **Wildcat**

County **Adams** **State** **CO**

API # : 05-001-10129

Location: 2483' FSL & 613' FWL
Lat: 39.759045
Long: -104.657385

SEC: TWP: RGE:

Other Services

Elevation
K.B. 5590'
D.F. -----
G.L. 5565'

Permanent Datum: Ground Level Elevation: 5565'
Log Measured From: Kelly Bushing , 25 ft. above Permanent Datum.
Drilling Measured From: Kelly Bushing

Date	13 Jul 2018	
Run Number	One	
Plug Back T.D. Driller	-----	
Plug Back T.D. Logger	-----	
Bottom Logged Interval	7880'	
Top Log Interval	Surface	
Type Fluid	-----	
Density / Viscosity	-----	
Max. Recorded Temp.	234°F	
Time Logger on Bottom	09:00	
Equipment Number	GD 164	
Location	Casper, WY	
Recorded By	J. Baker	
Witnessed By	Charlie	

Casing Record				Tubing Record			
Size	Weight	From	To	Size	Weight	From	To
9 5/8"	36#	Surface	-----				
5 1/2"	20#	Surface	-----				

<<< 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.

Ticket # : RM0718PCBW711
Your Crew Today: A. Maxwell, M. Velasquez
Log Correlated to: Surface

Cement Data

Date Cemented	-----
Primary / Squeeze	Primary
Type / Weight	-----
Main Pass Press.	500 psi
Repeat Pass Press.	0 psi

Bond Index

Index %	Est Top Depth
20 % Bond	1967'
40 % Bond	2114'
60 % Bond	3592'
80 % Bond	-----
100 % Bond	-----

Comments

Estimated Cement top at 1,967'
(20% Bond)

Marker Joint at 6,931'

Thank you for using Gyrodata

Eric Regnier: Rocky Mountain Wireline Manager EricR@Gyrodata.com

Log Variables

Databasec:\programdata\warrior\data\2018_07_12_conoco_florida_3_65_27_26_3ah_cbl\2018_07_
Dataset field/well/run1/MAINPASS/_vars_

Top - Bottom

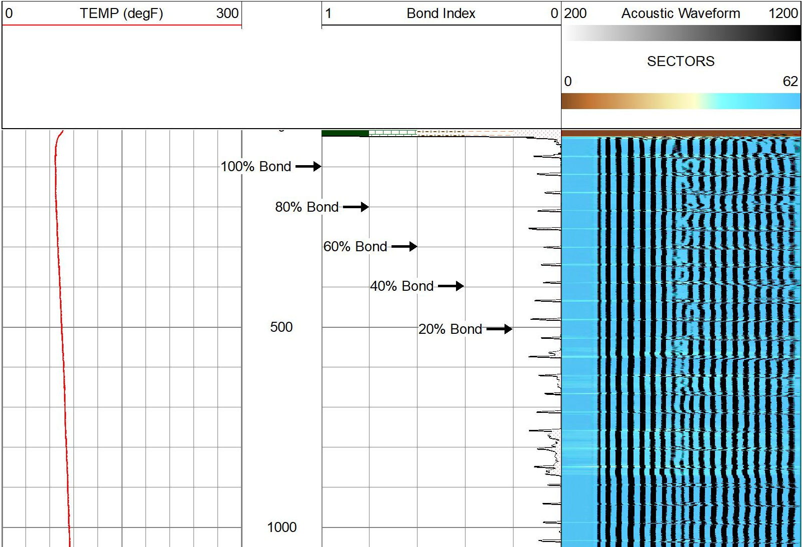
BHTEMP_Src	BOREID	BOTTEMP	CASEOD	CASETHCK	CASEWGHT	MAXAMPL	MaxAPIID
	in	degF	in	in	lb/ft	mV	in
TEMP	8.5	234	5.5	0.361	20	71.9	4.923

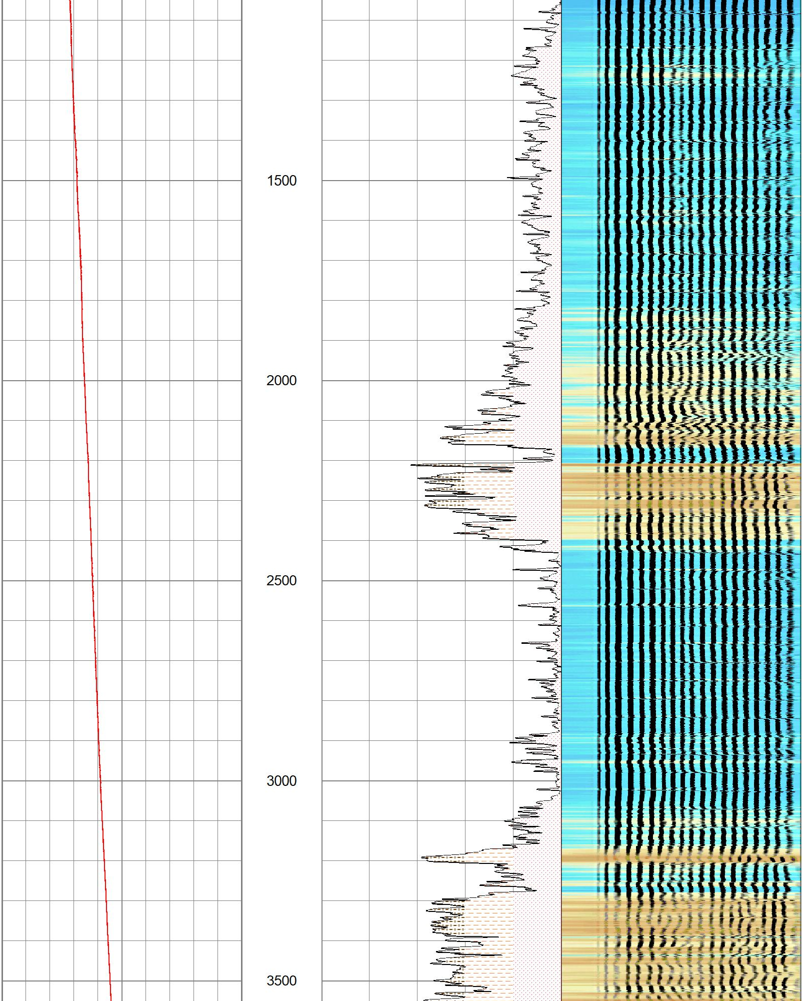
MINAMPL	MinAPIID	MINATTN	PPT	TDEPTH
mV	in	db/ft	usec	ft
1.9	4.751	0	237	0

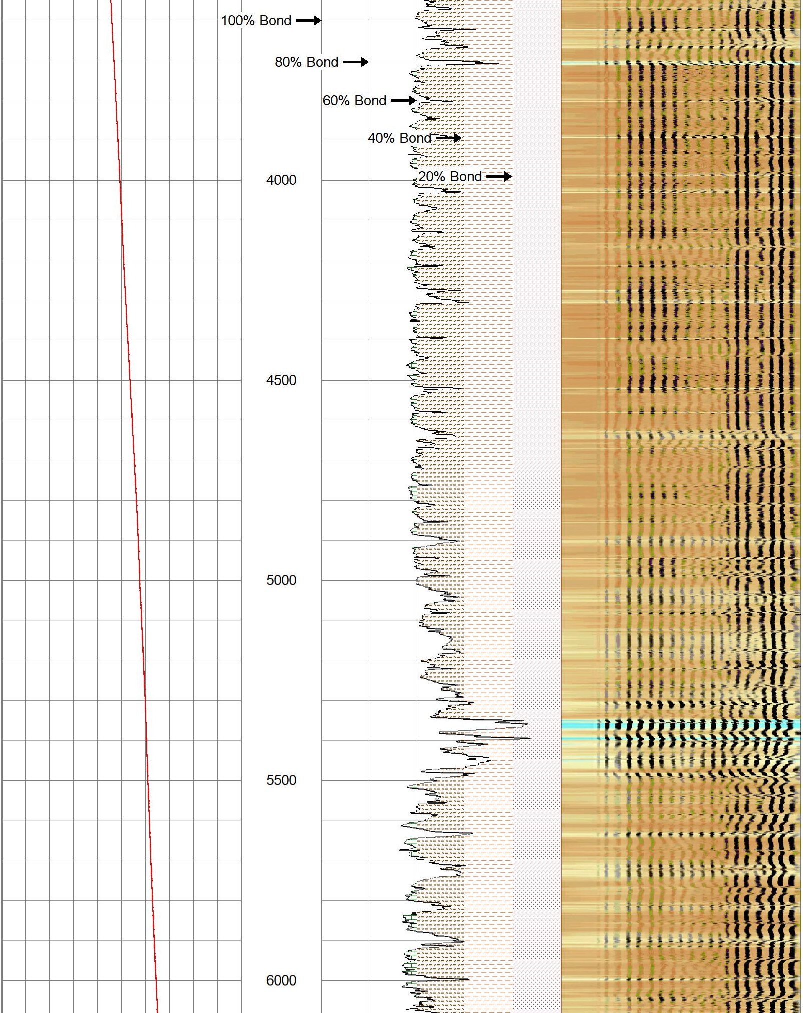
gyrodata

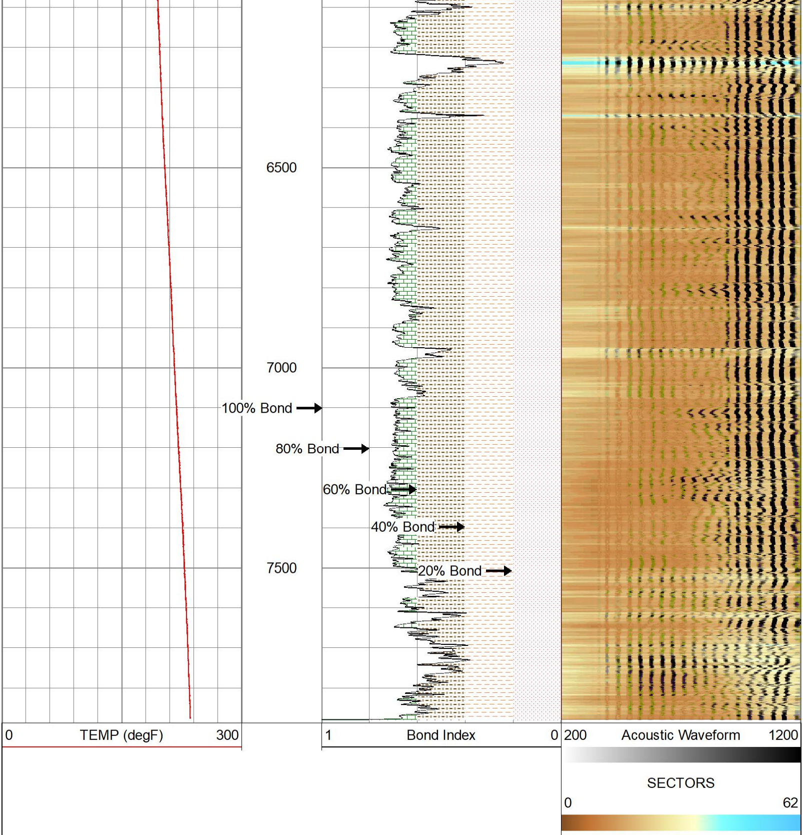
BOND INDEX

Database File	2018_07_12_conoco_florida_3_65_27_26_3ah_cbl\2018_07_12_conoco_florida_3_65_27_26_3ah_cbl.db
Dataset Pathname	BOND
Presentation Format	bndindx_msg-sec
Dataset Creation	Fri Jul 13 12:44:37 2018
Charted by	Depth in Feet scaled 1:3000









gyrodata

BOND INDEX

gyrodata

MAIN PASS - Ran with 500 PSI

5 in / 100 ft

Database File	2018_07_12_conoco_florida_3_65_27_26_3ah_cbl\2018_07_12_conoco_florida_3_65_27_26_3ah_cbl.db
Dataset Pathname	MAINPASS
Presentation Format	rcbl_8s
Dataset Creation	Fri Jul 13 12:36:55 2018
Charted by	Depth in Feet scaled 1:240

CCL
Gamma
0 (GAPI) 200
300(Line Tens (lb) 0
Predicted TT
TT
+[10 usec]-

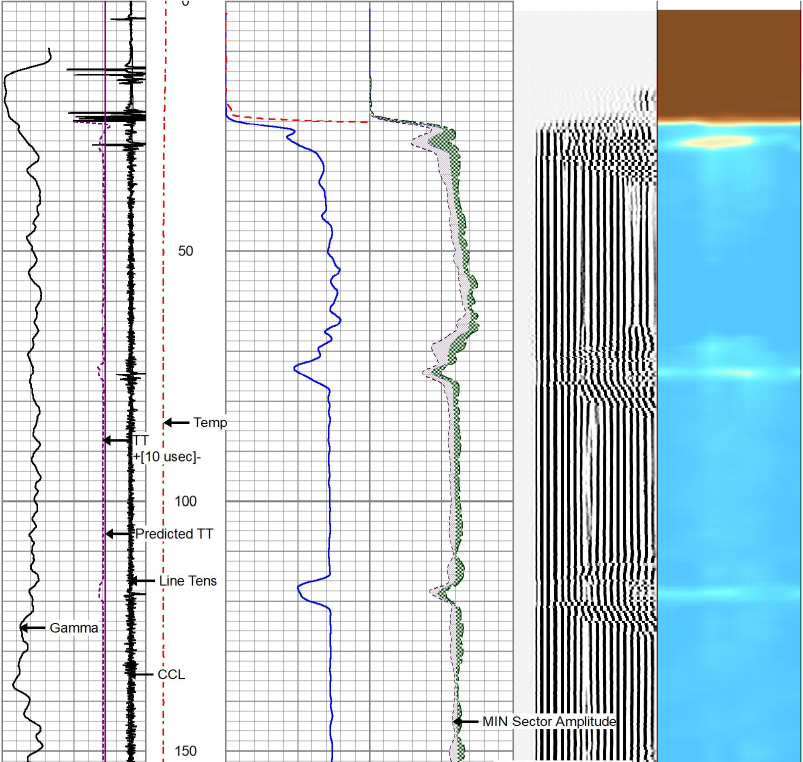
Temp
(degF)
0 300

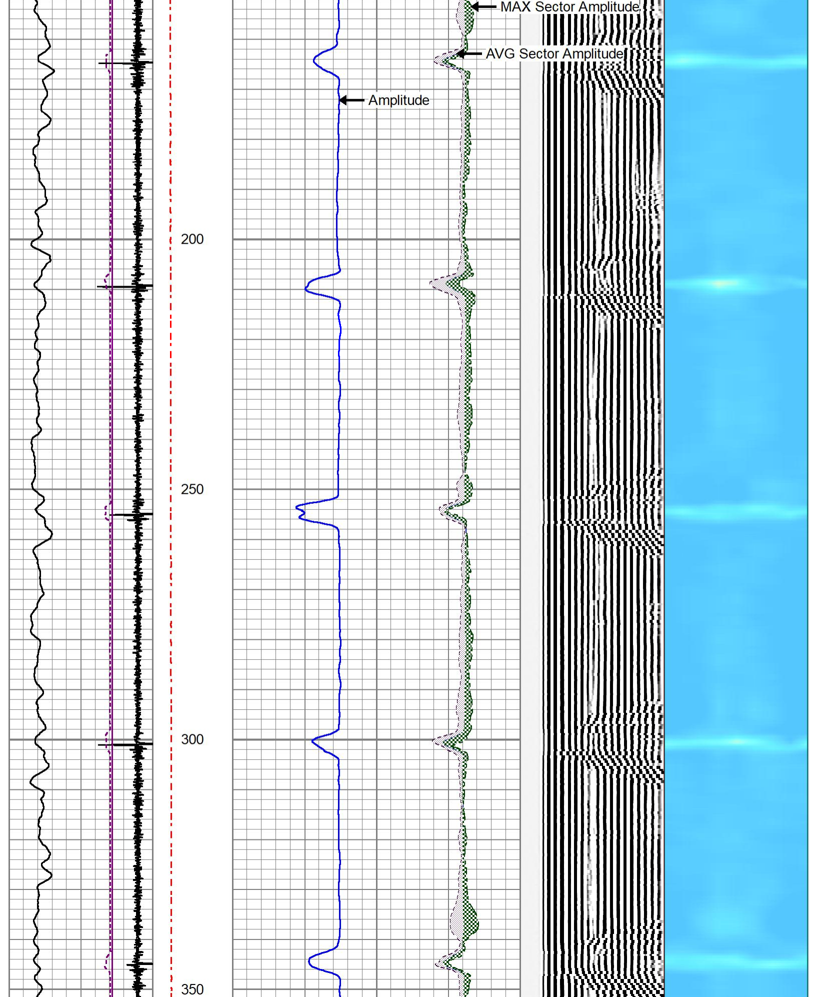
0 Amplitude (mV)100
Amplitude x10
0 (mV) 10

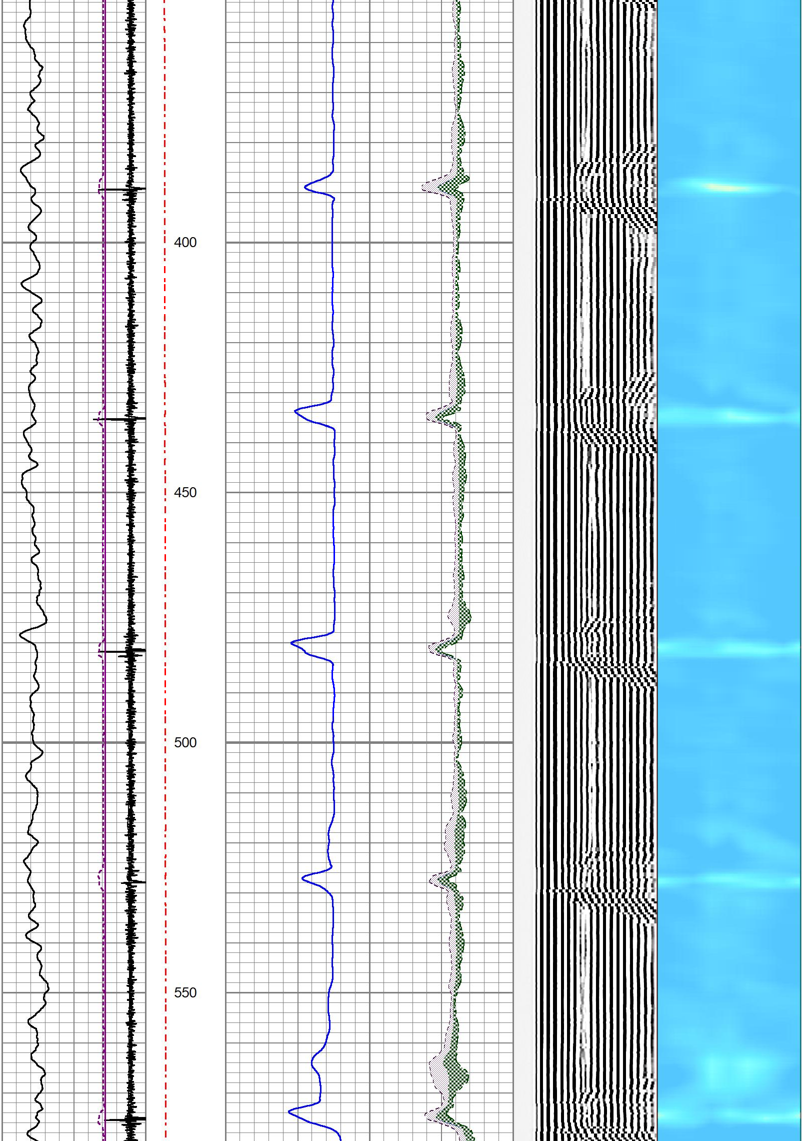
AVG Sector Amplitude
0 100
MAX Sector Amplitude
0 100
MIN Sector Amplitude
0 100

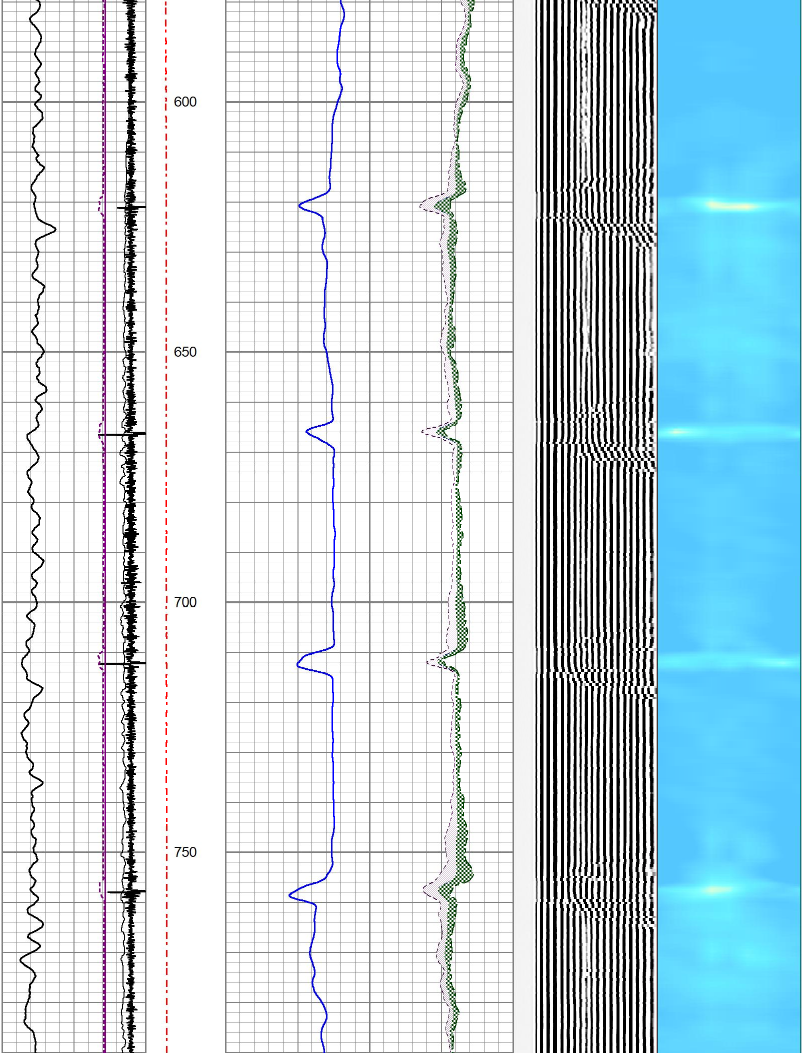
Acoustic Waveform
200 1200

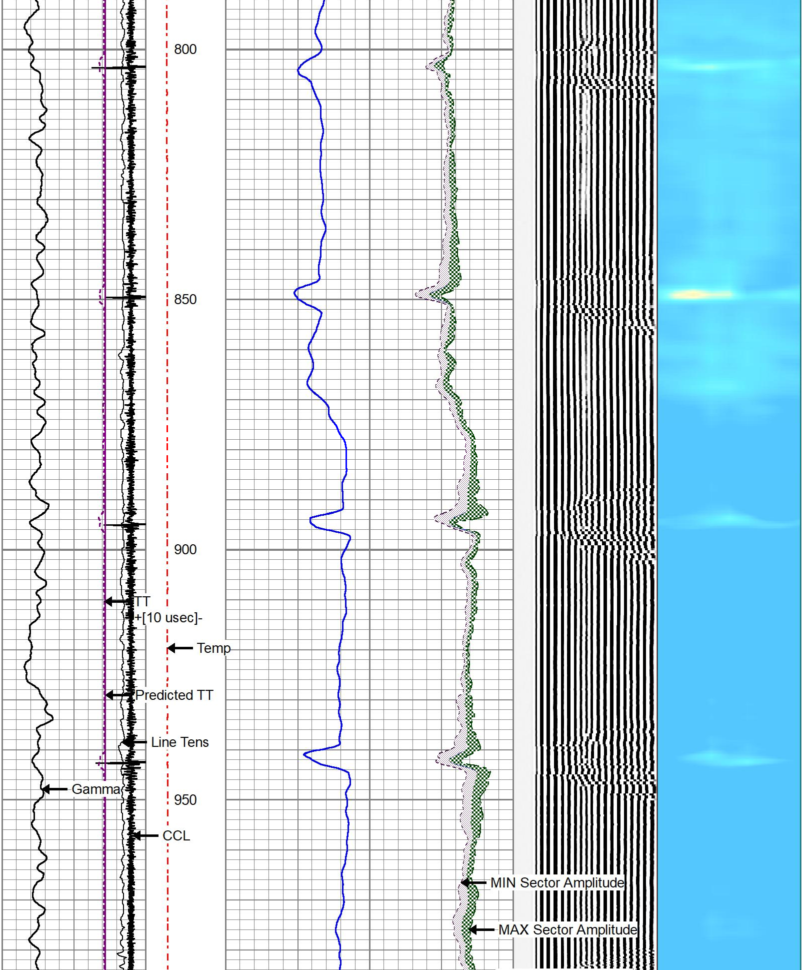
SECTORS
0 62

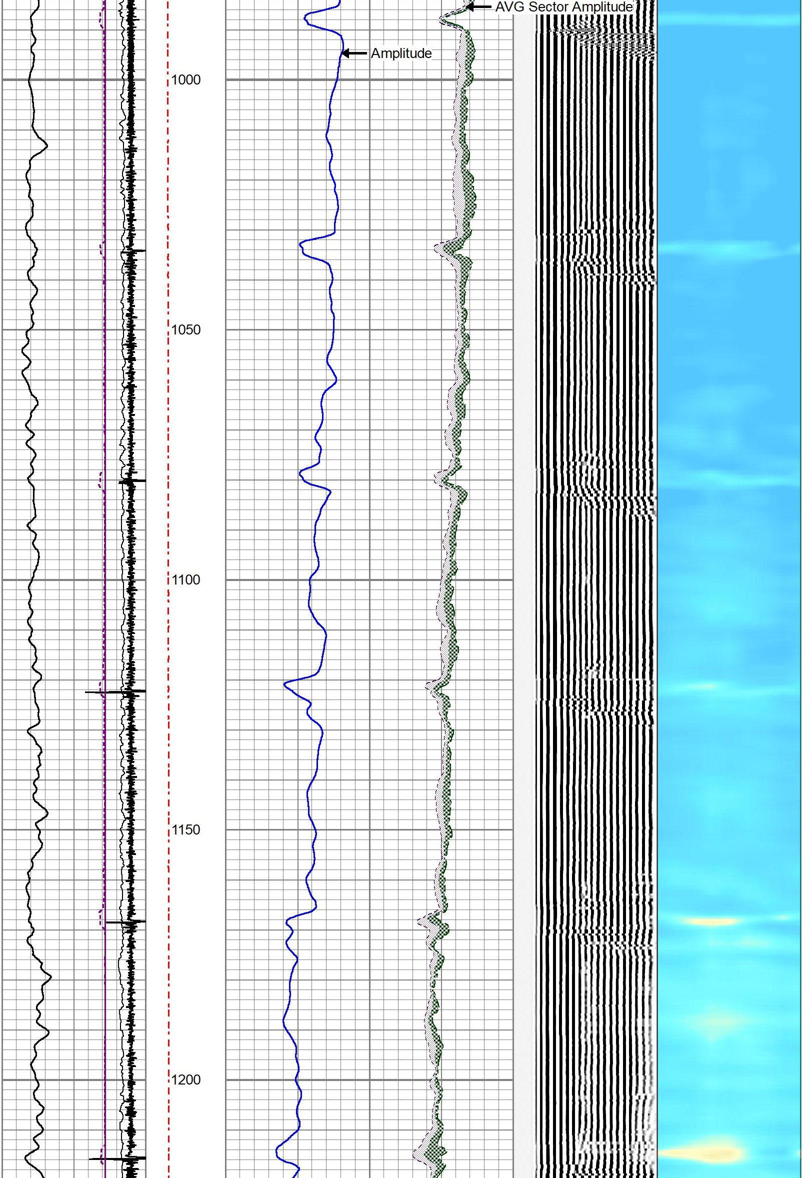


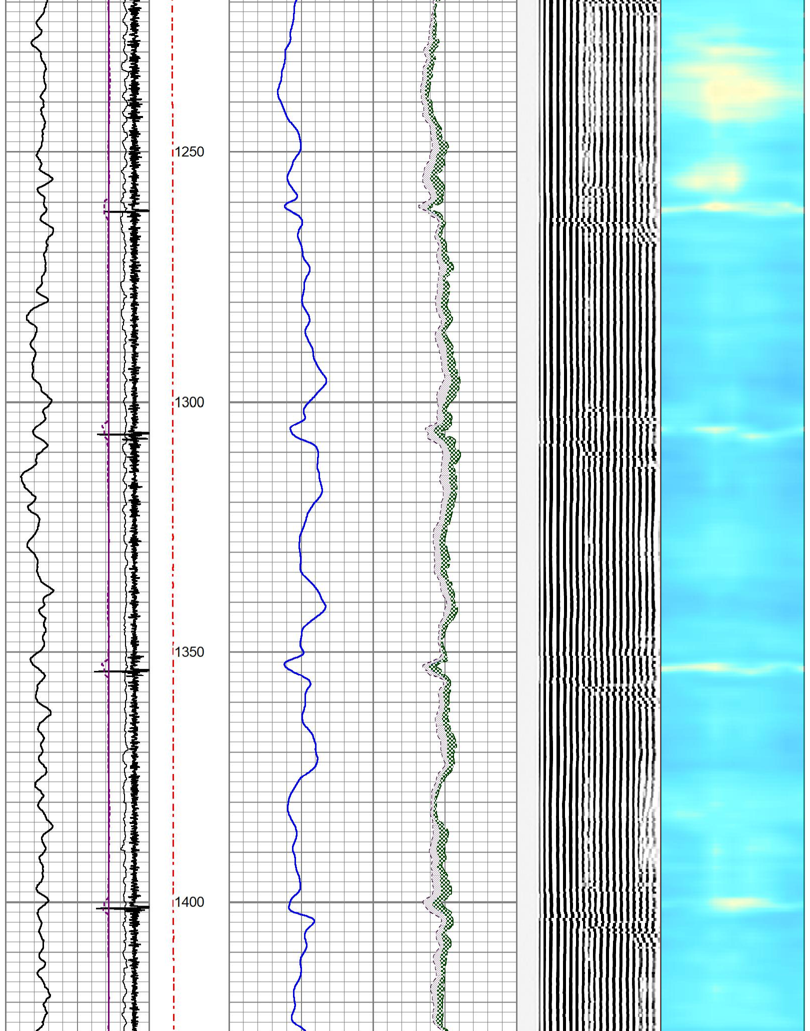


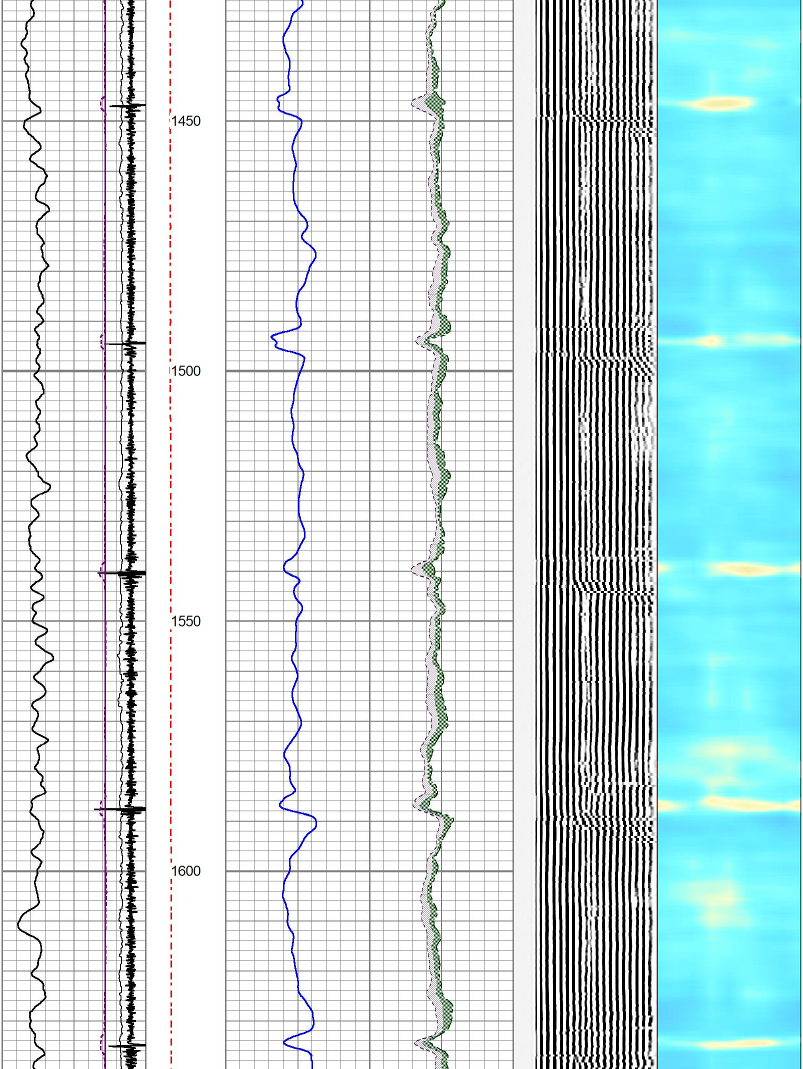


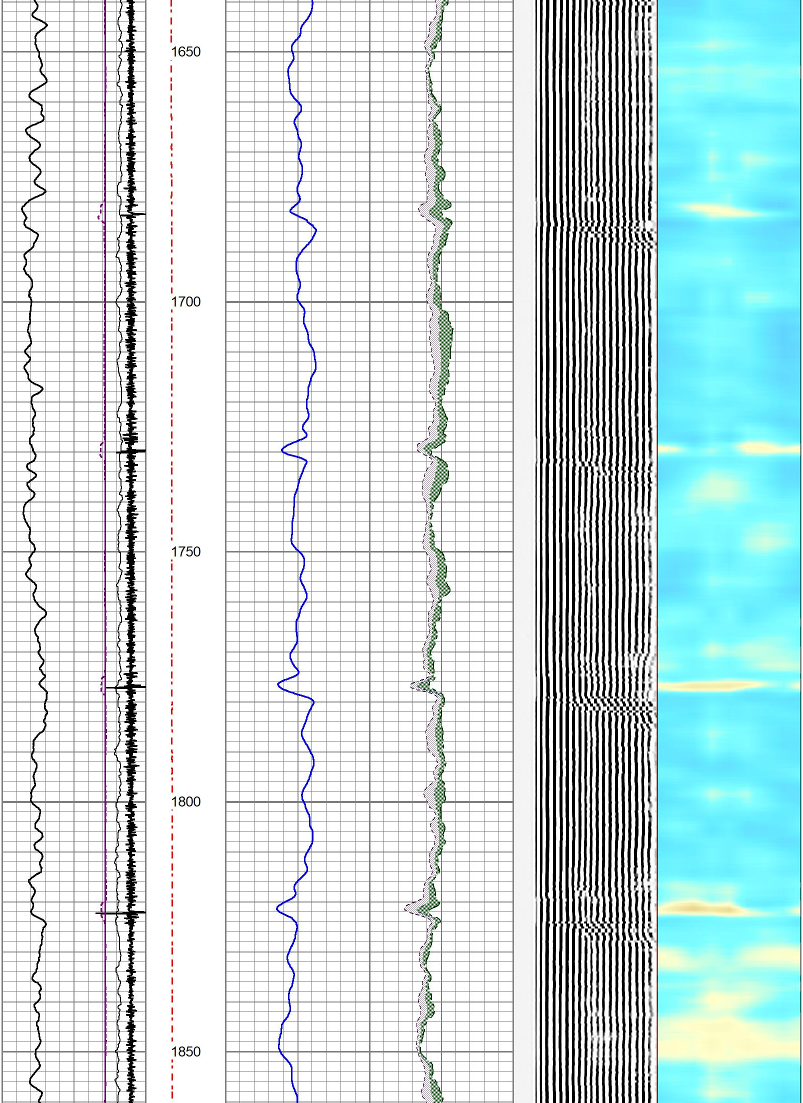


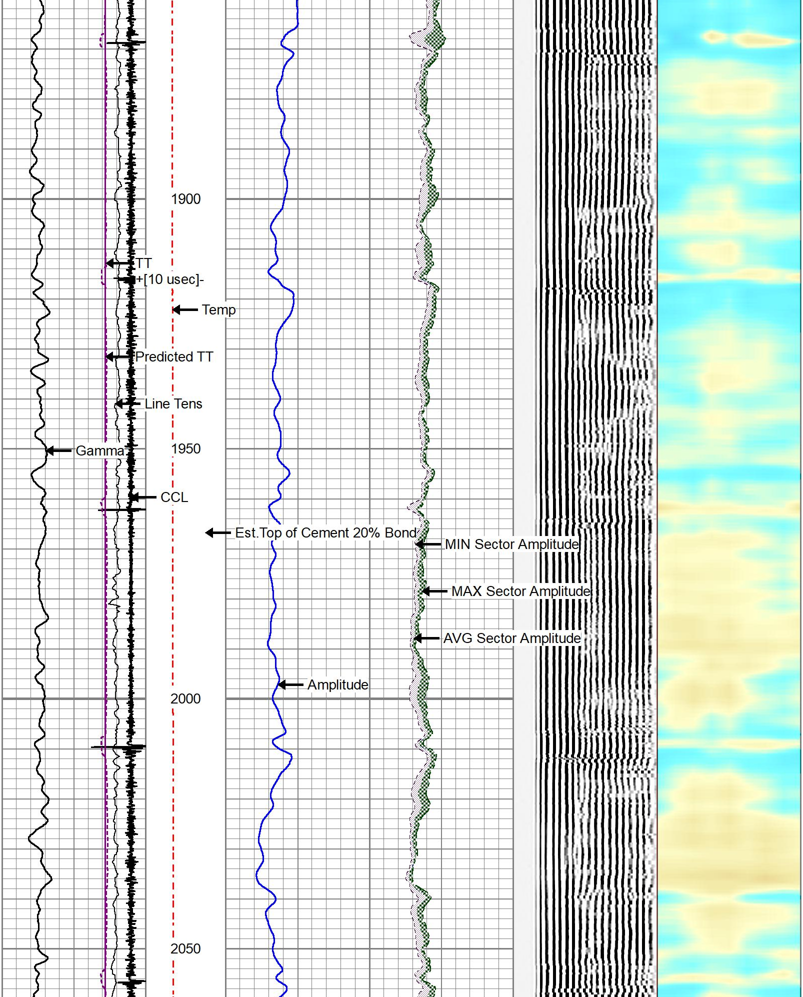


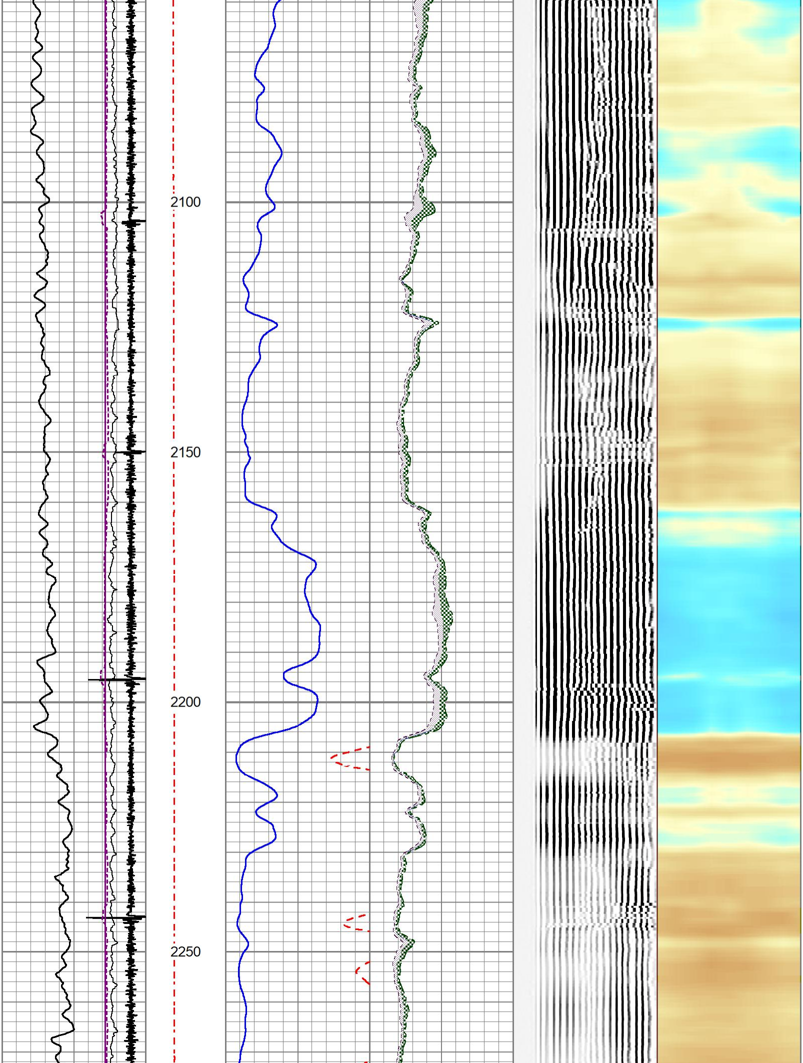


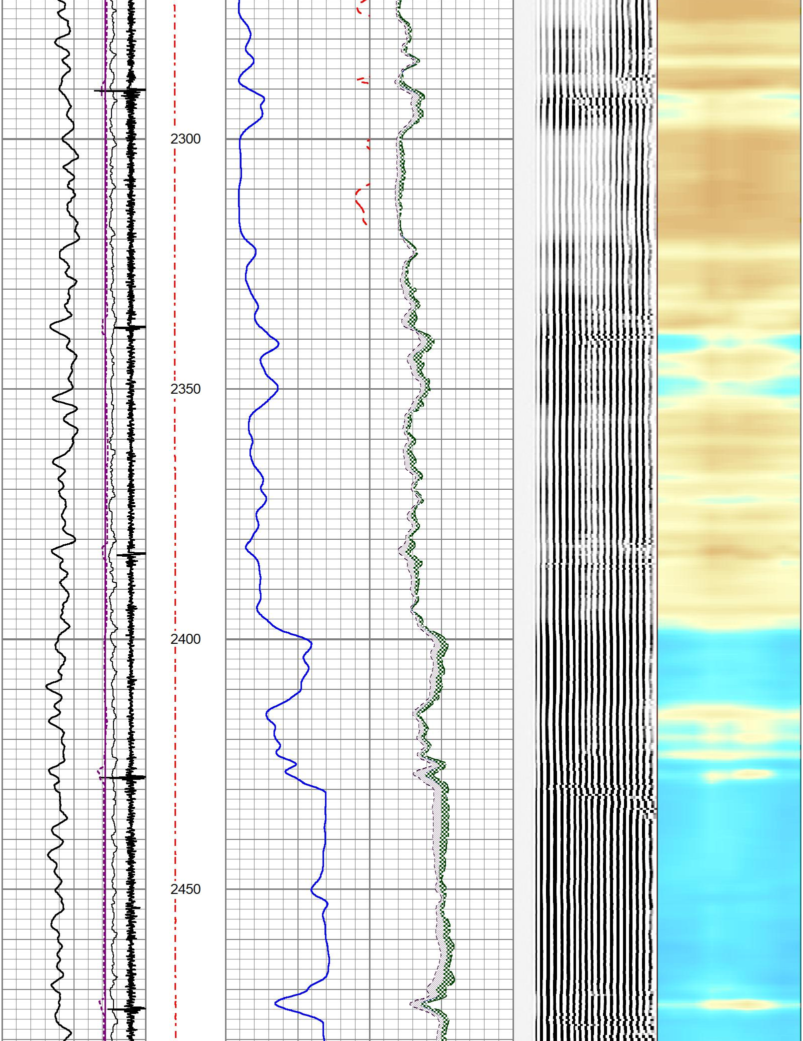


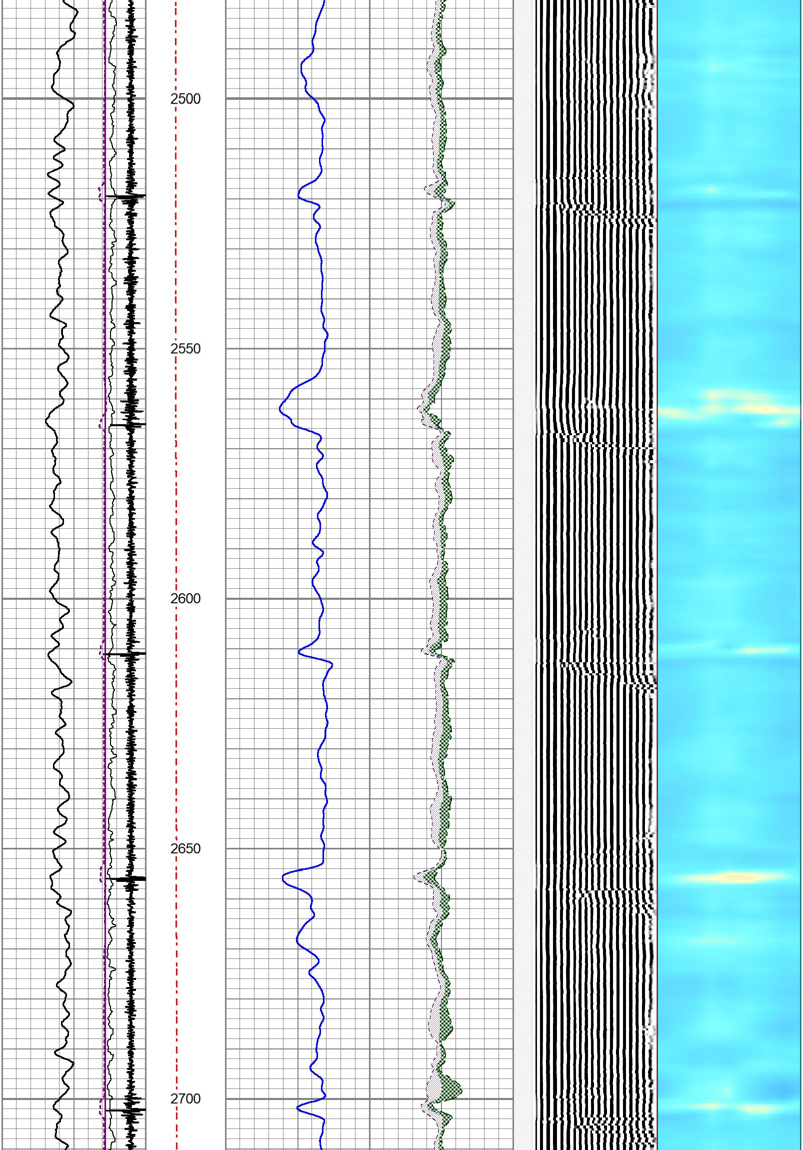


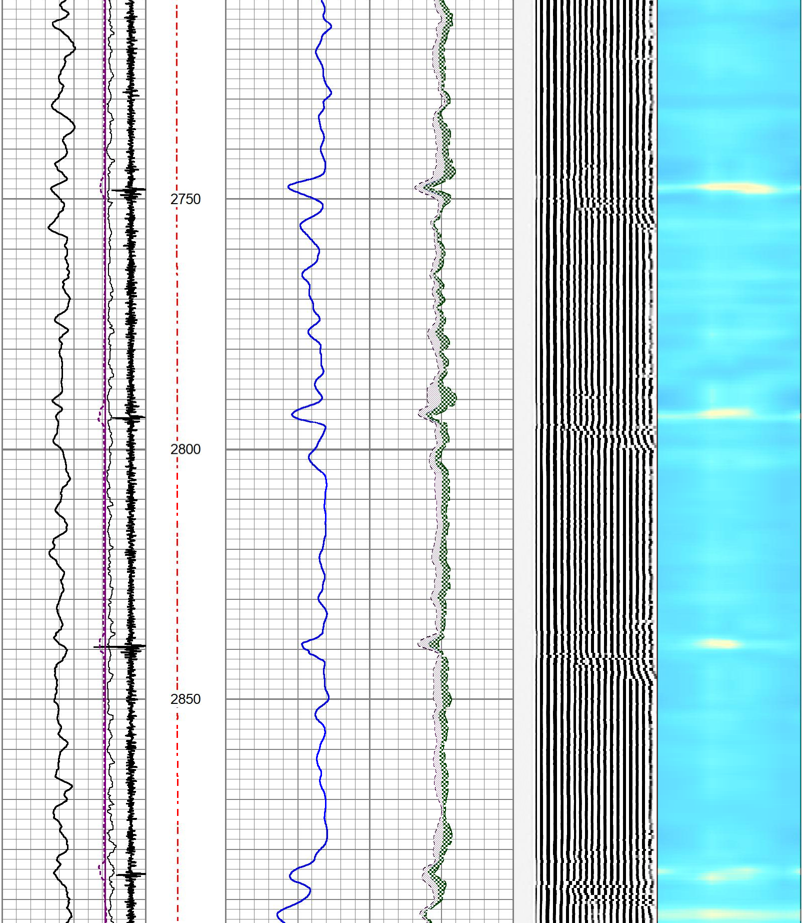


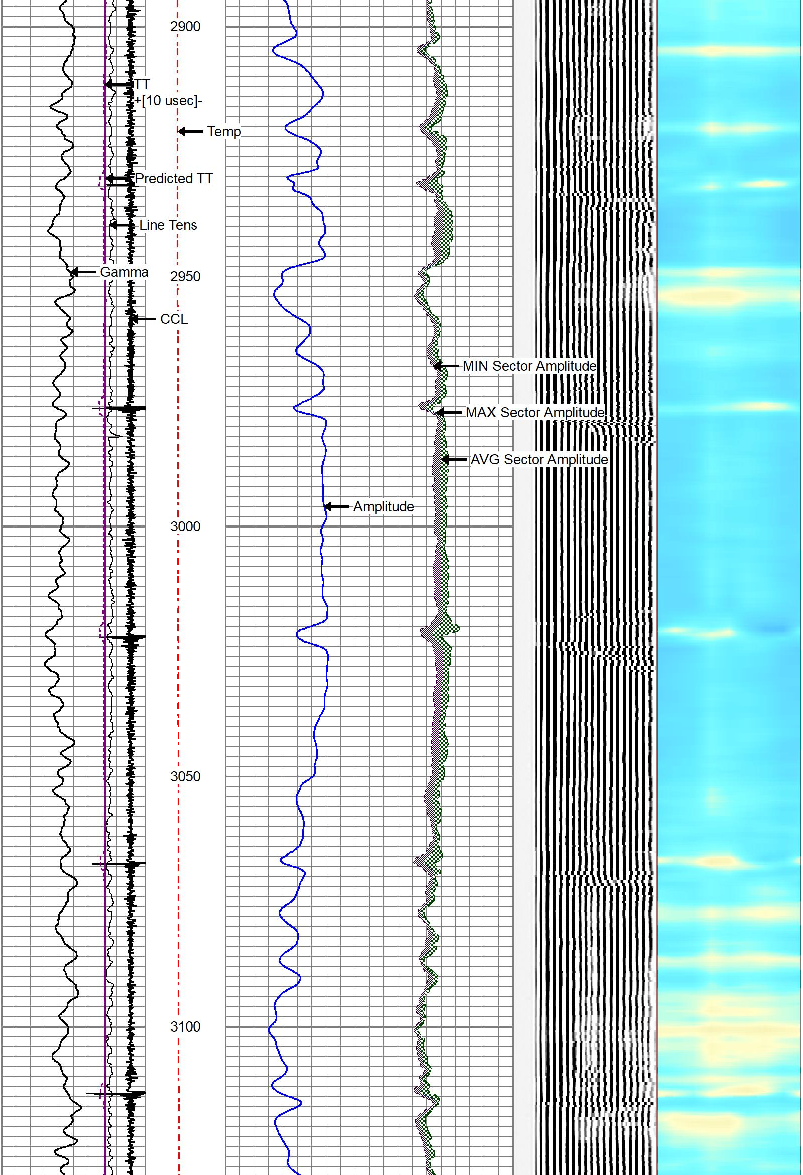


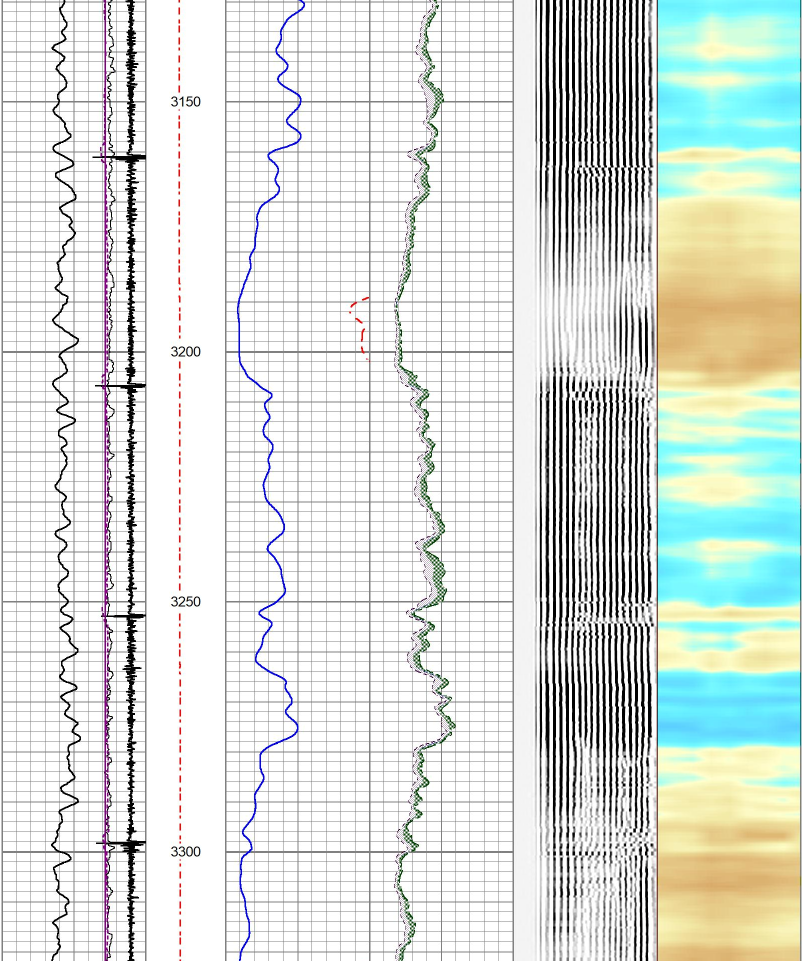


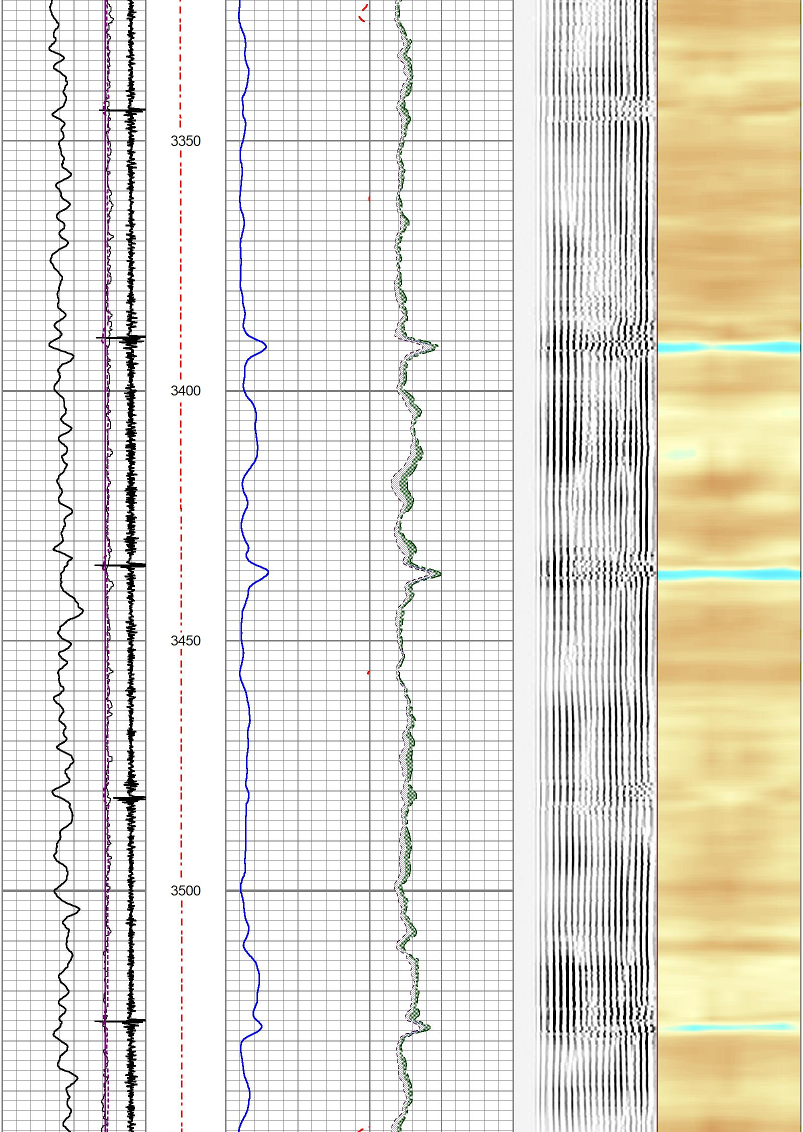


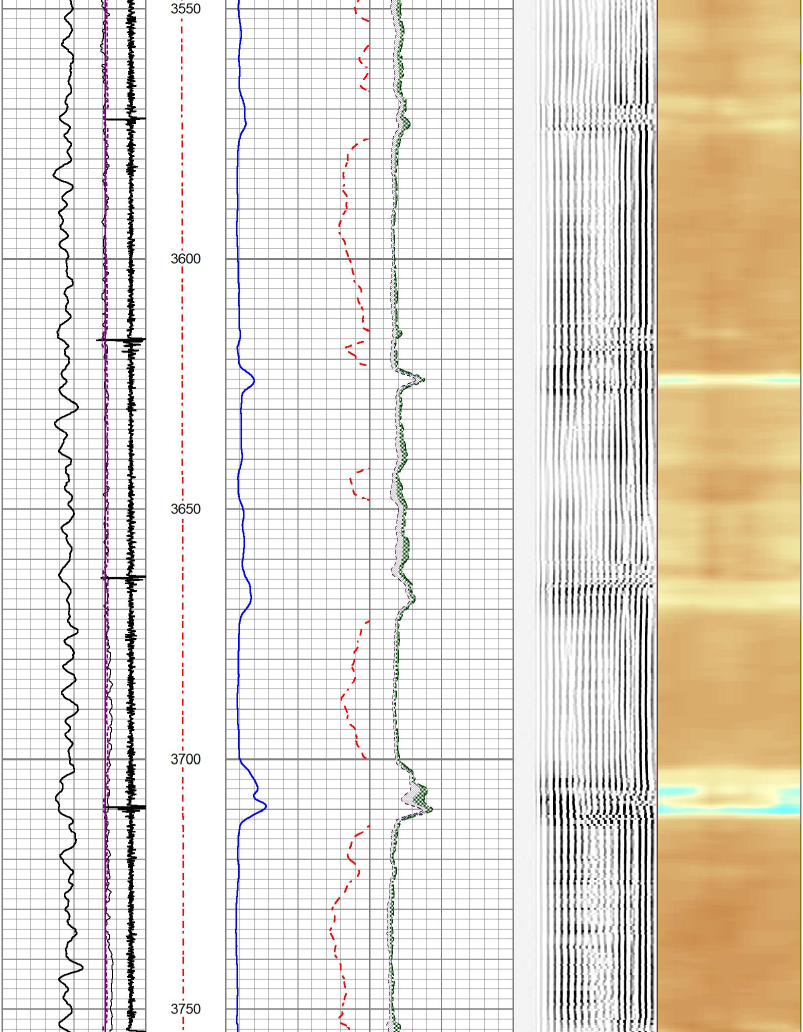





2900
TT
+[10 usec]-
Temp
Predicted TT
Line Tens
Gamma
2950
CCL
MIN Sector Amplitude
MAX Sector Amplitude
AVG Sector Amplitude
Amplitude
3000
3050
3100


3150
3200
3250
3300


3350
3400
3450
3500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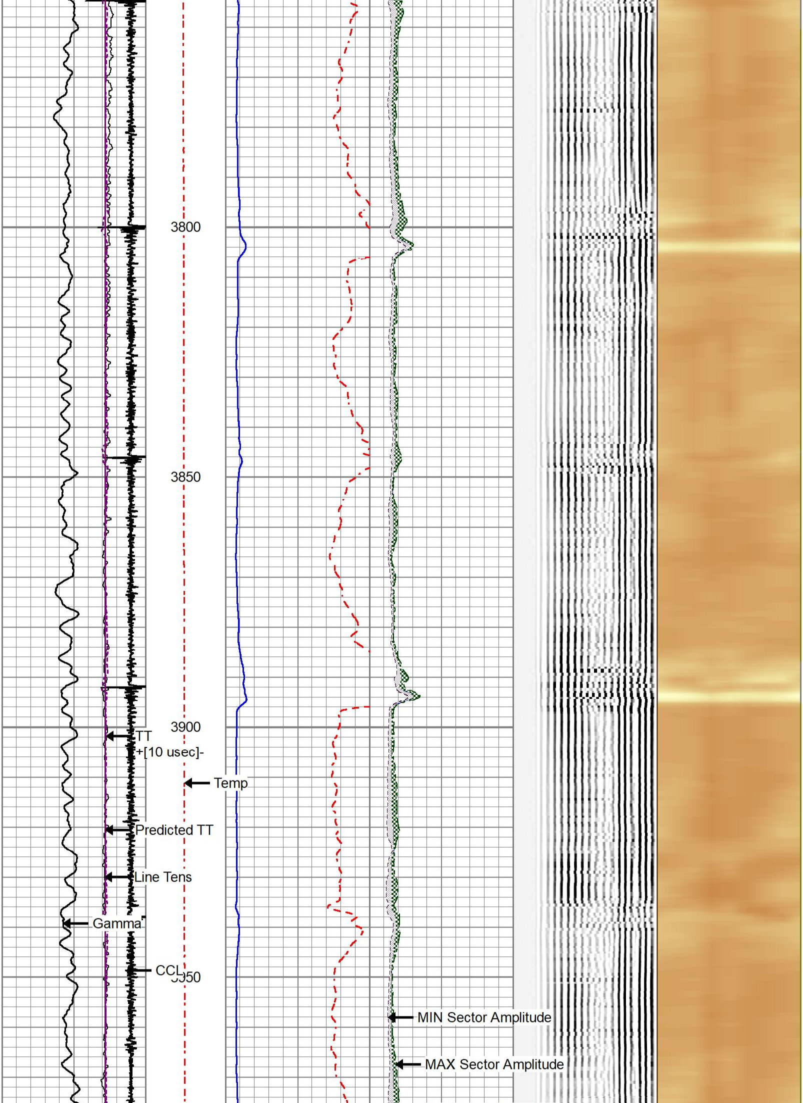
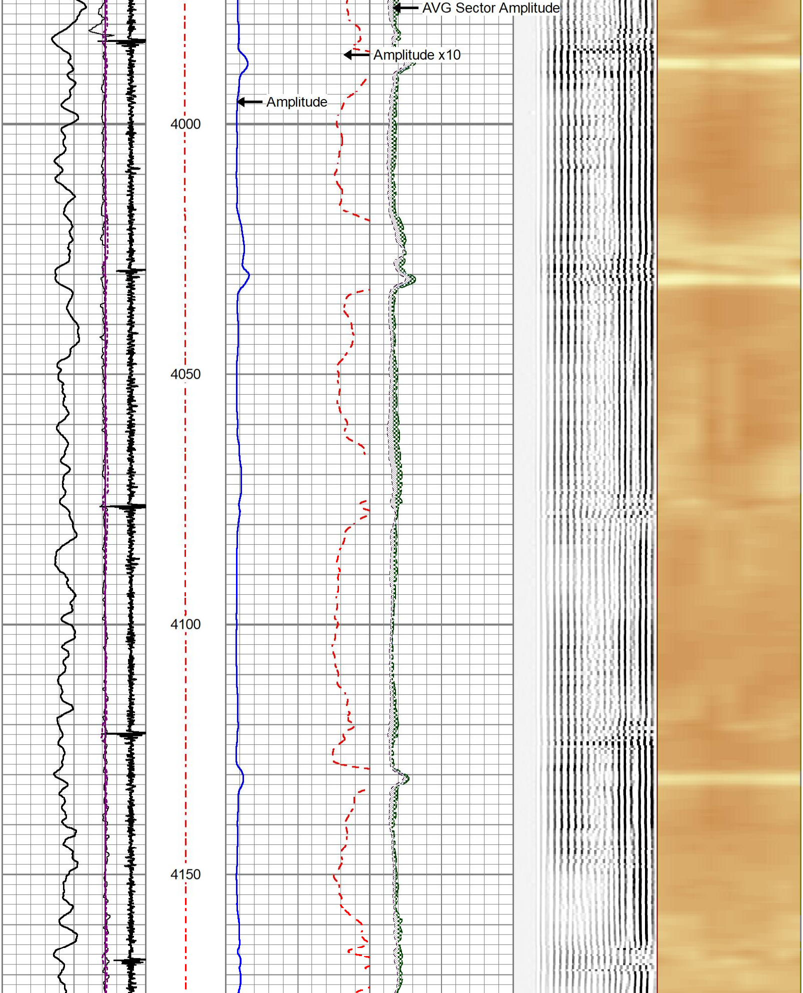
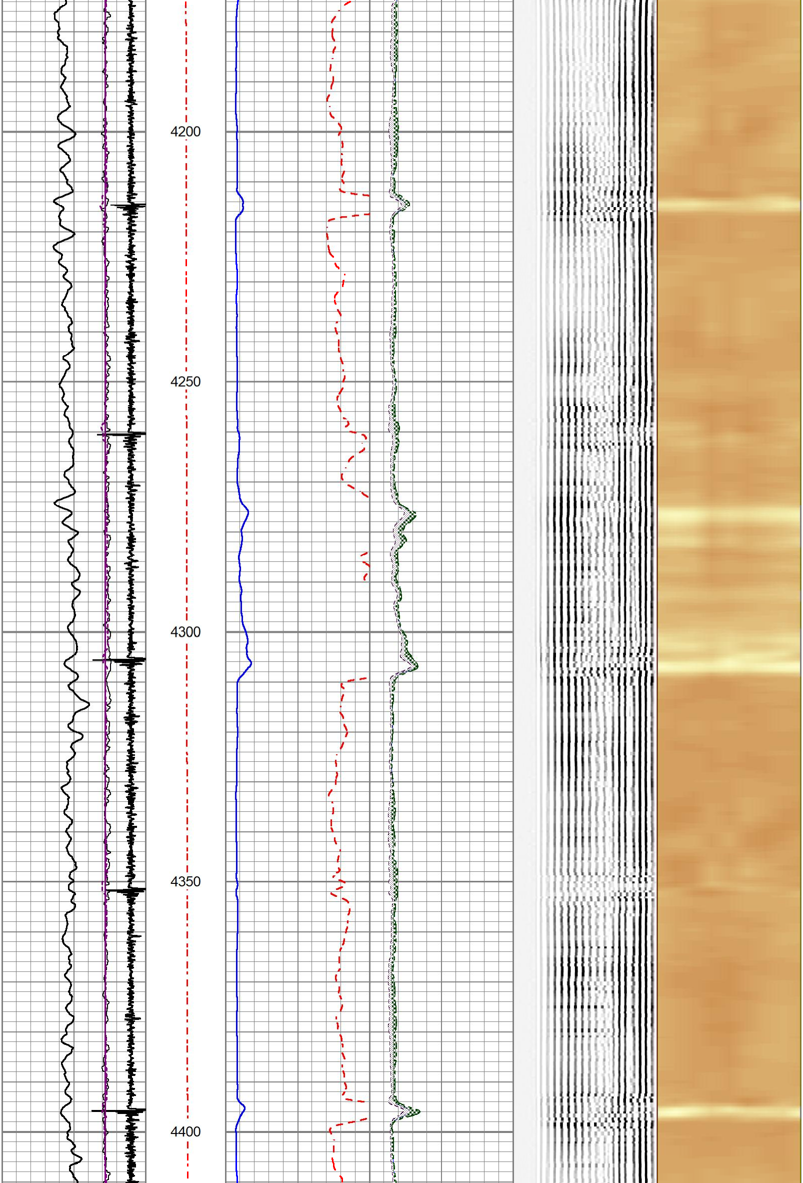
3650
3700
3750


3800
3850
3900
TT
+[10 usec]-
Temp
Predicted TT
Line Tens
Gamma
CCL
3950
MIN Sector Amplitude
MAX Sector Amplitude


AVG Sector Amplitude
Amplitude x10
Amplitude
4000
4050
4100
4150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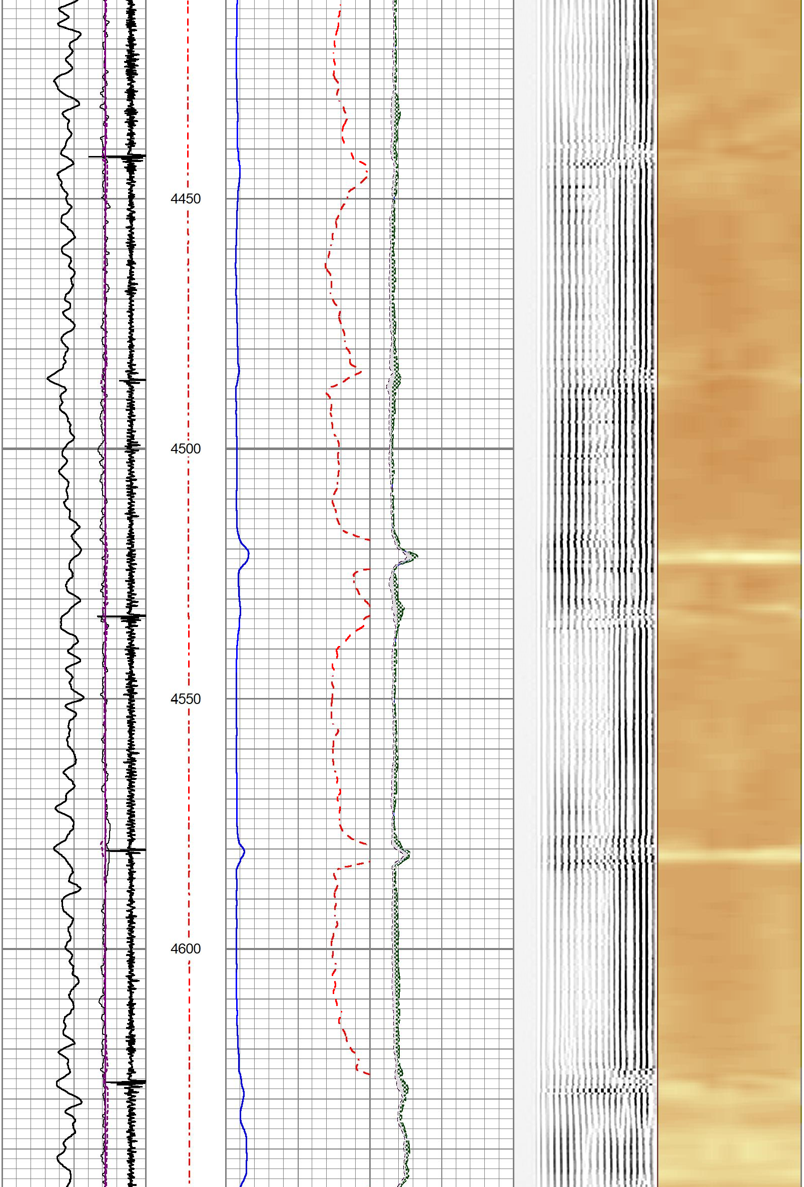
4400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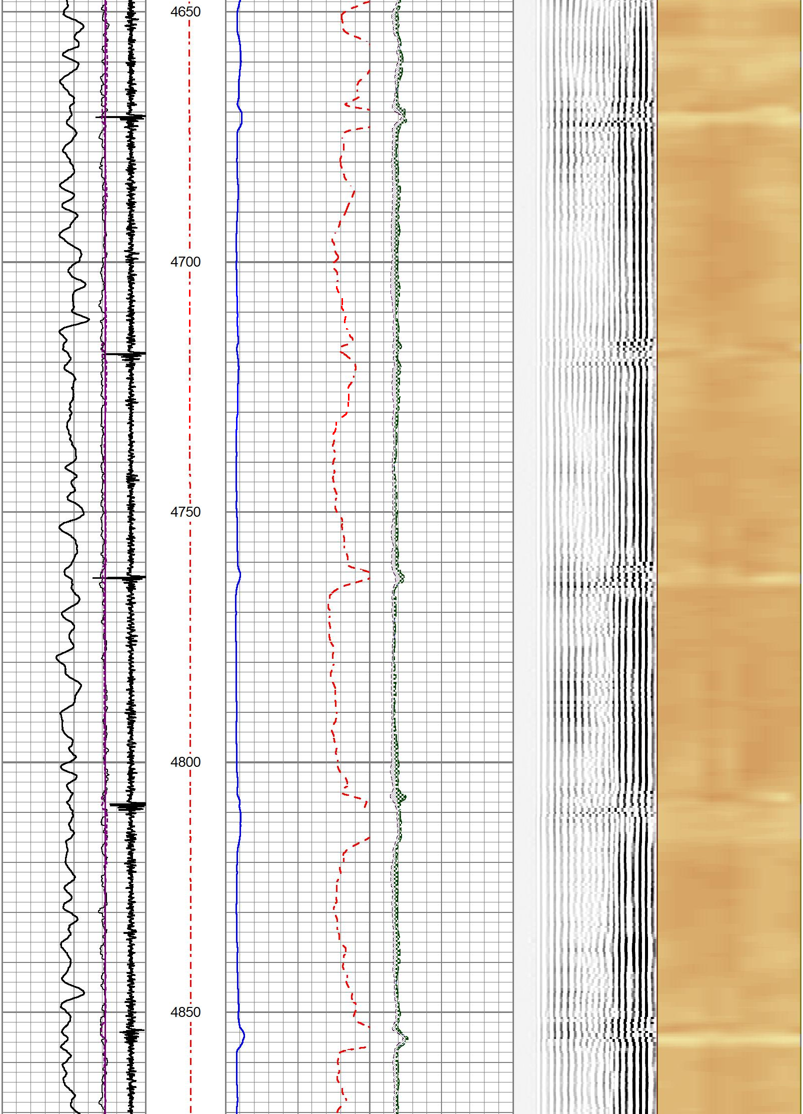
4500
4550
4600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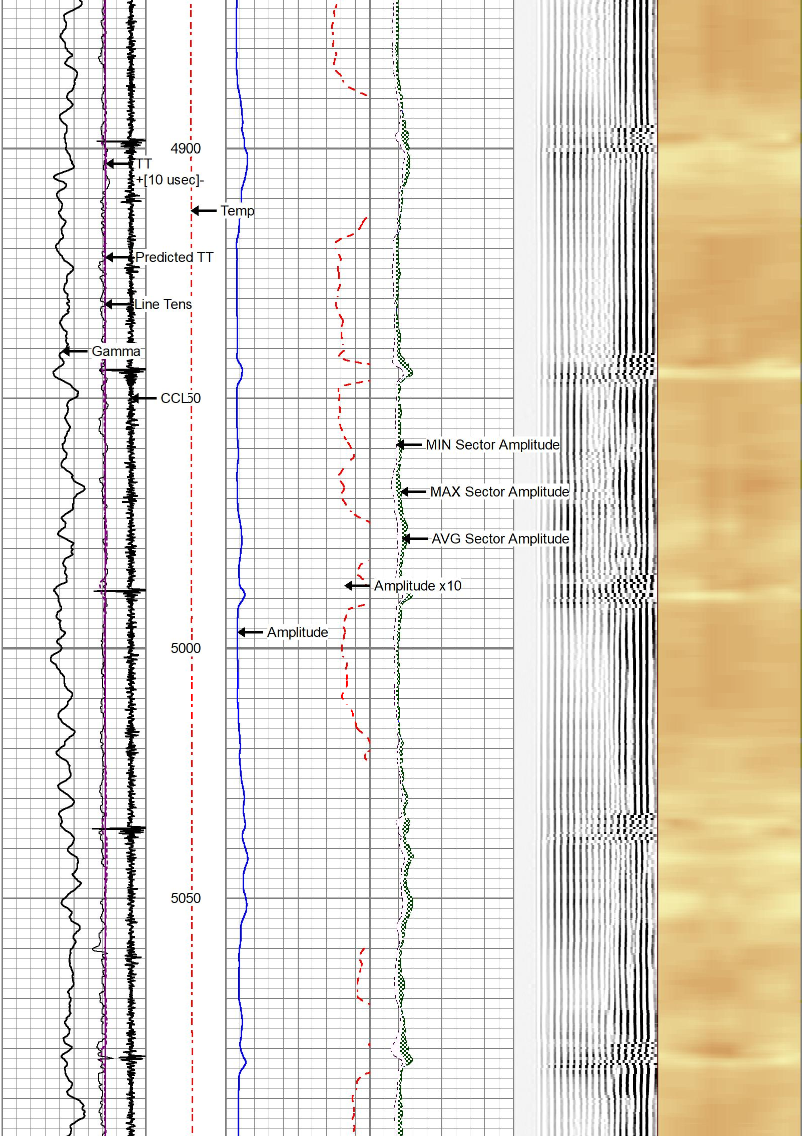
4700
4750
4800
4850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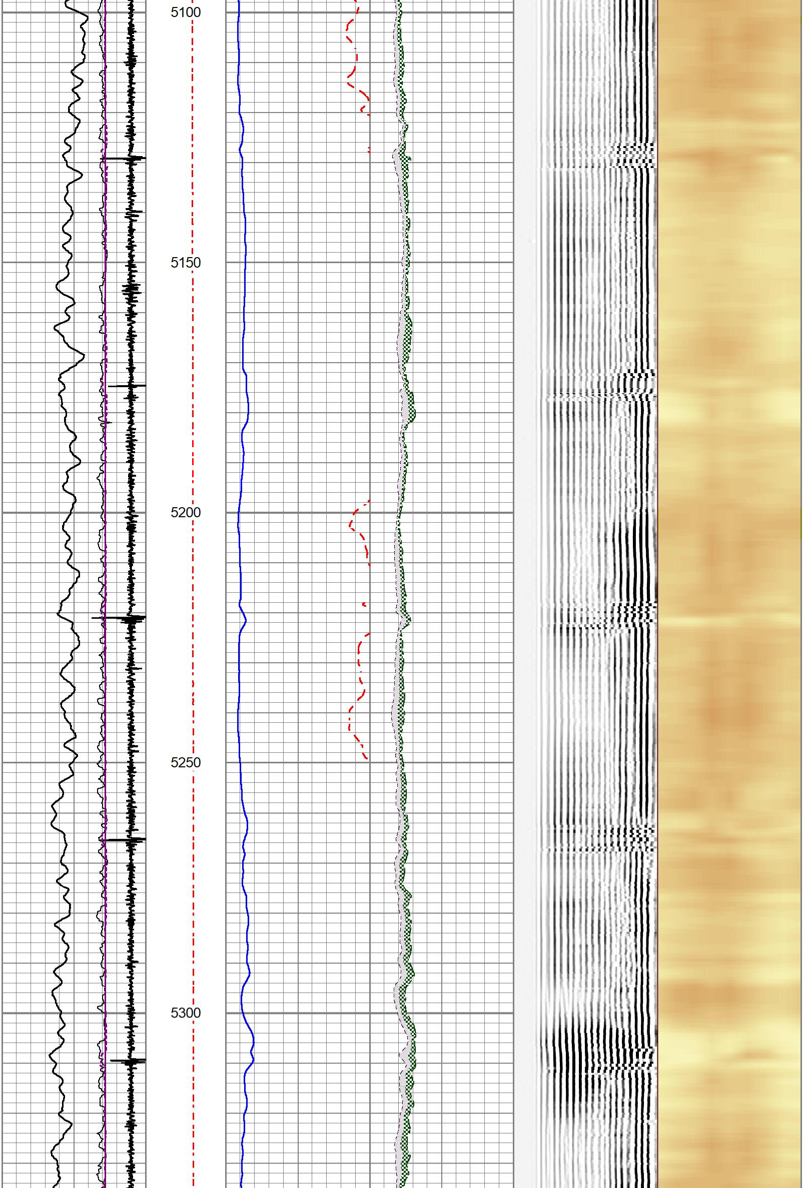
TT
+[10 usec]-
Temp
Predicted TT
Line Tens
Gamma
CCL50
MIN Sector Amplitude
MAX Sector Amplitude
AVG Sector Amplitude
Amplitude x10
Amplitude
5000
5050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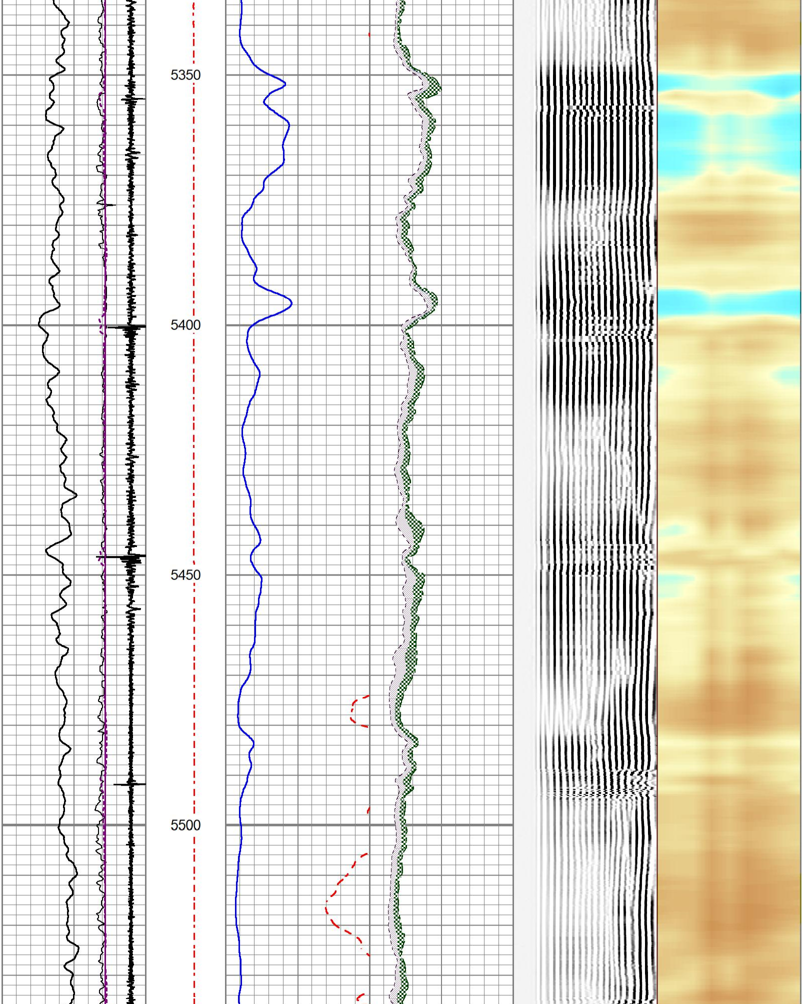
5150
5200
5250
5300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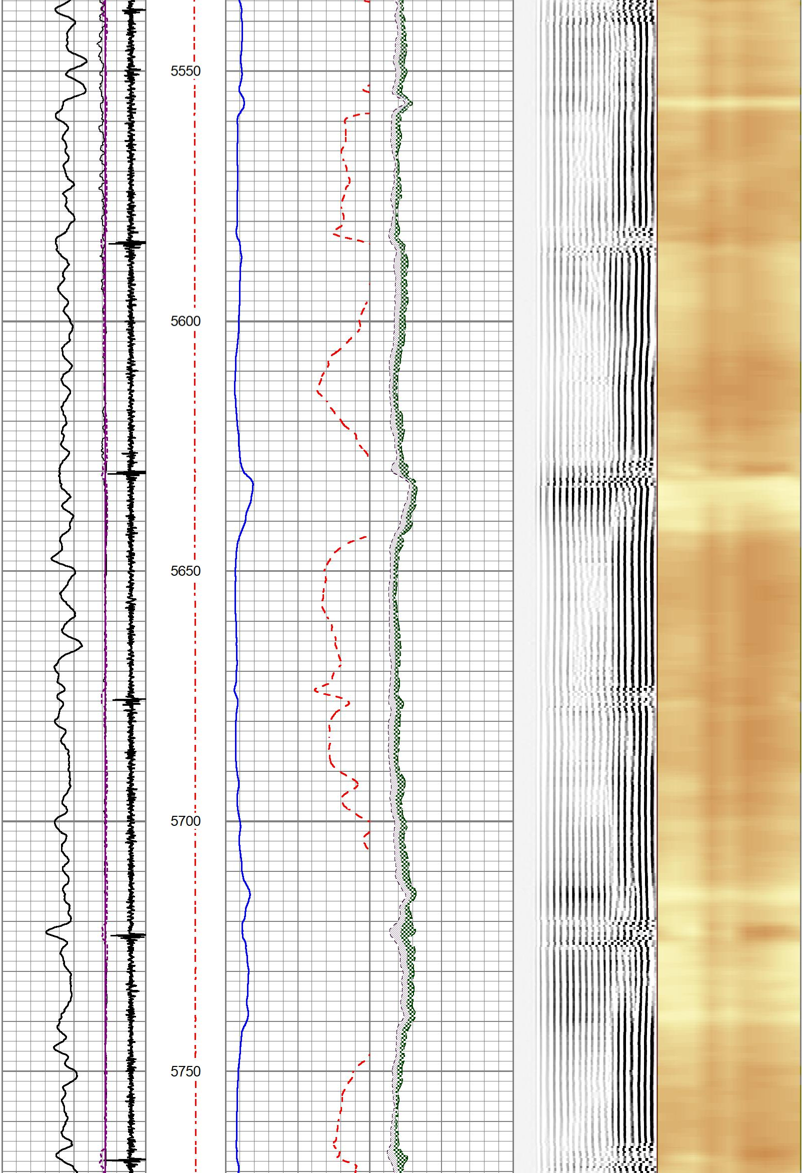
5400
5450
5500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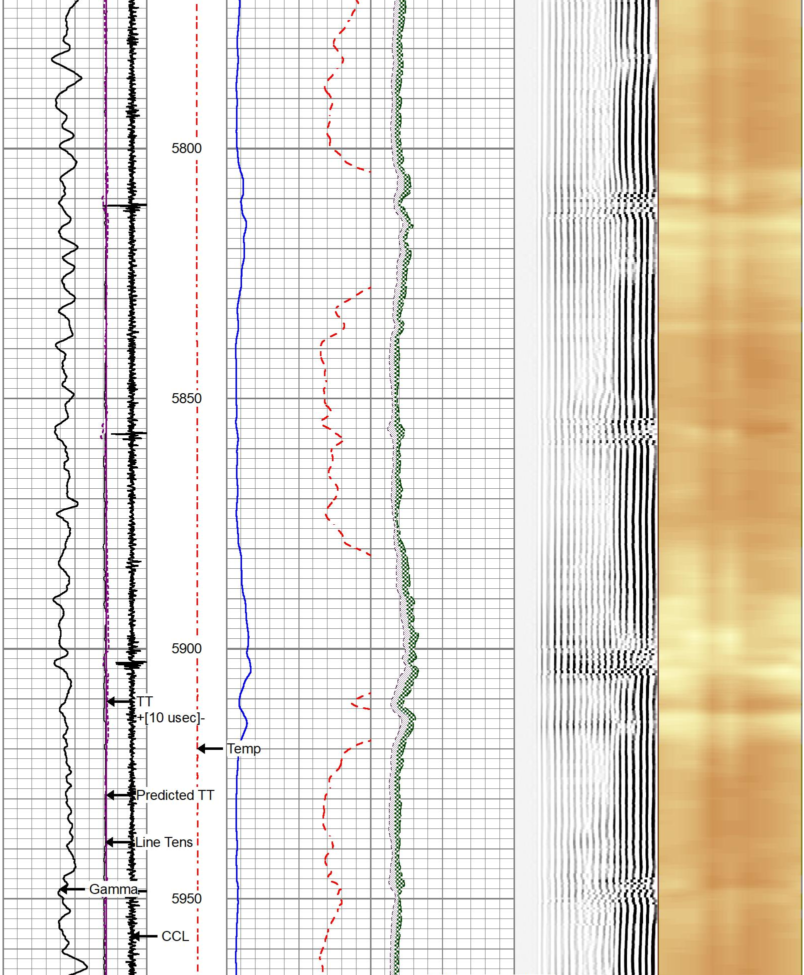
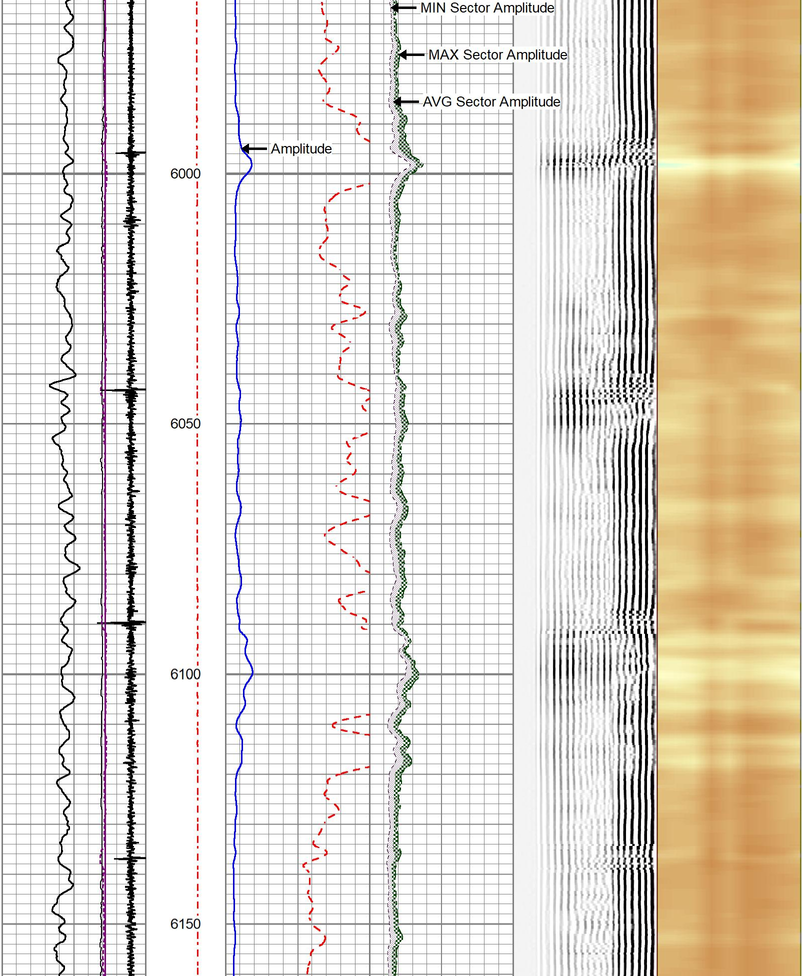
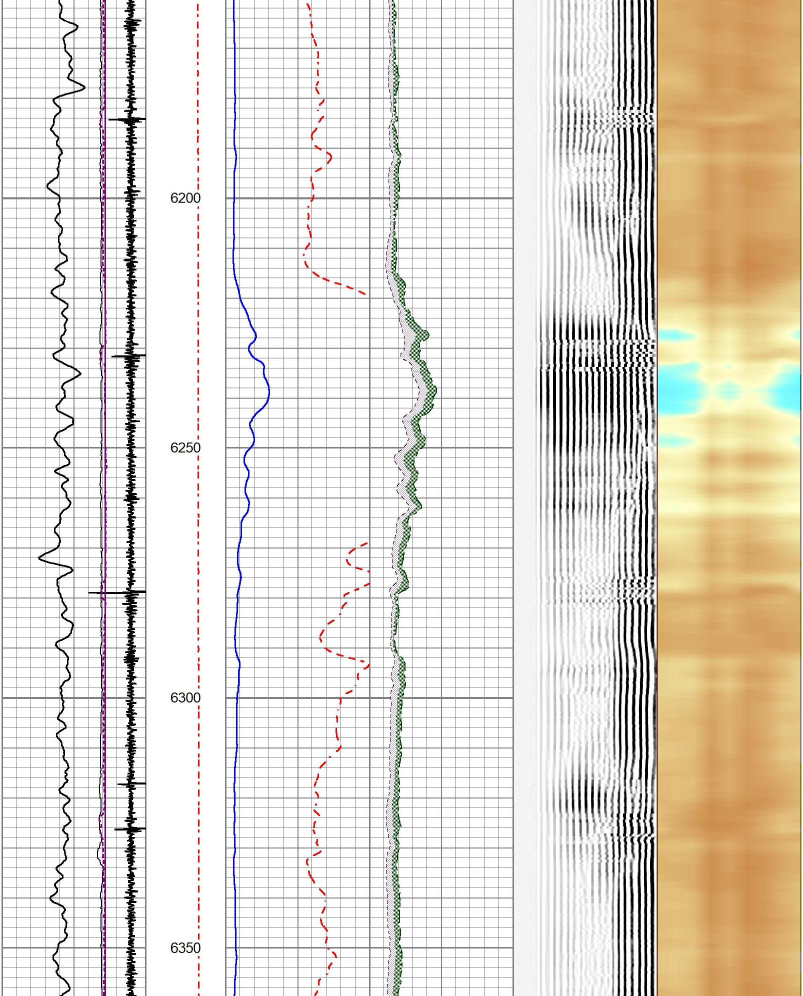
5650
5700
5750


5800
5850
5900
TT
+[10 usec]-
Temp
Predicted TT
Line Tens
Gamma
5950
CCL


MIN Sector Amplitude
MAX Sector Amplitude
AVG Sector Amplitude
Amplitude
6000
6050
6100
6150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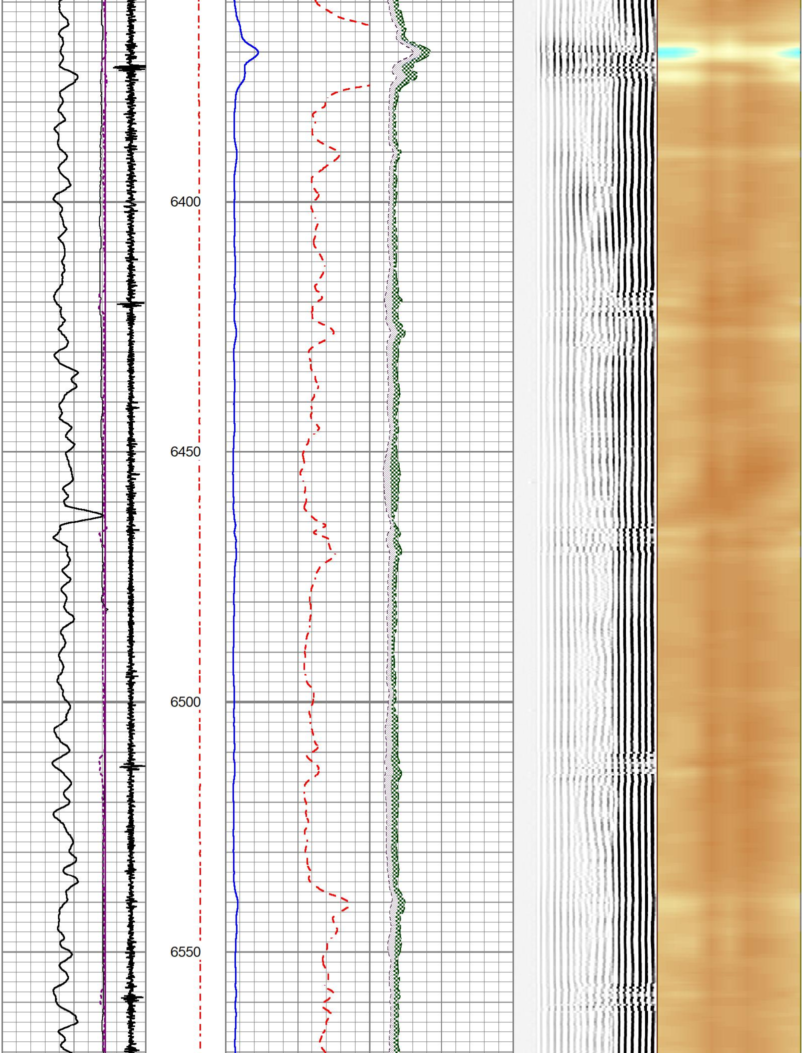
6250
6300
6350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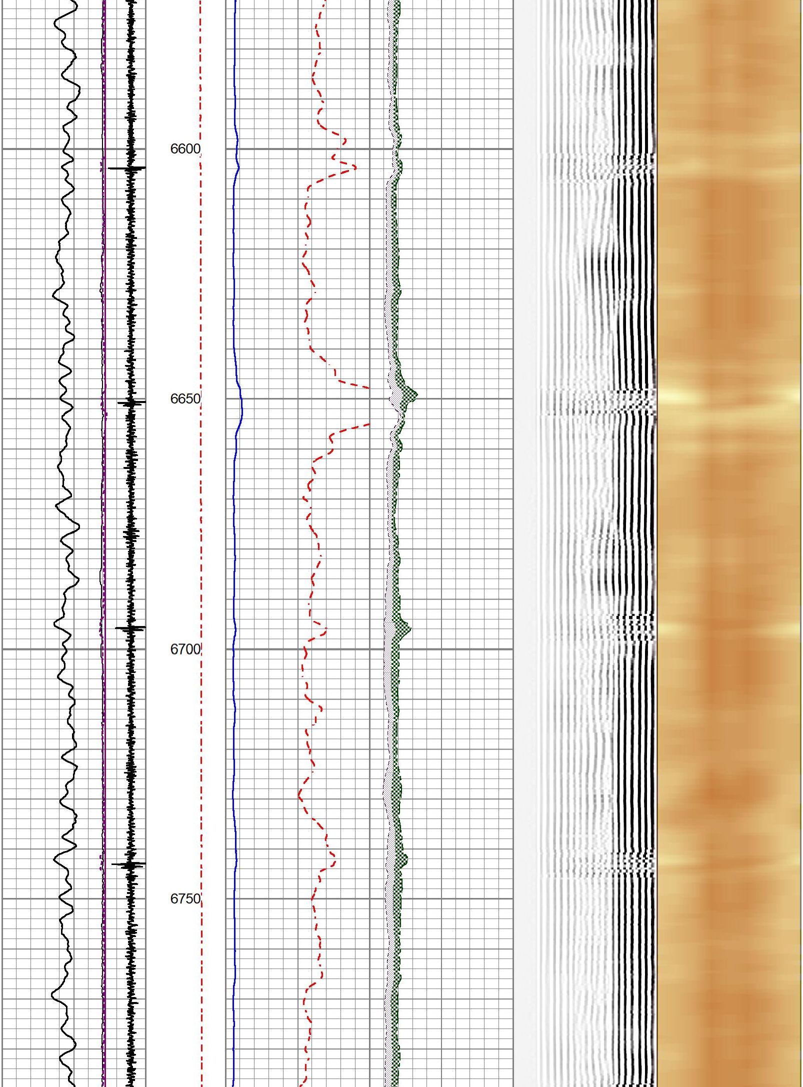
6450
6500
6550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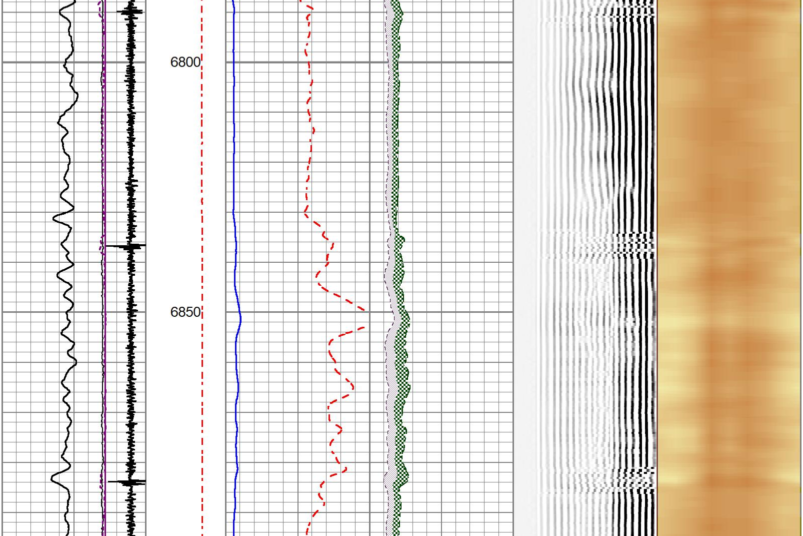
6750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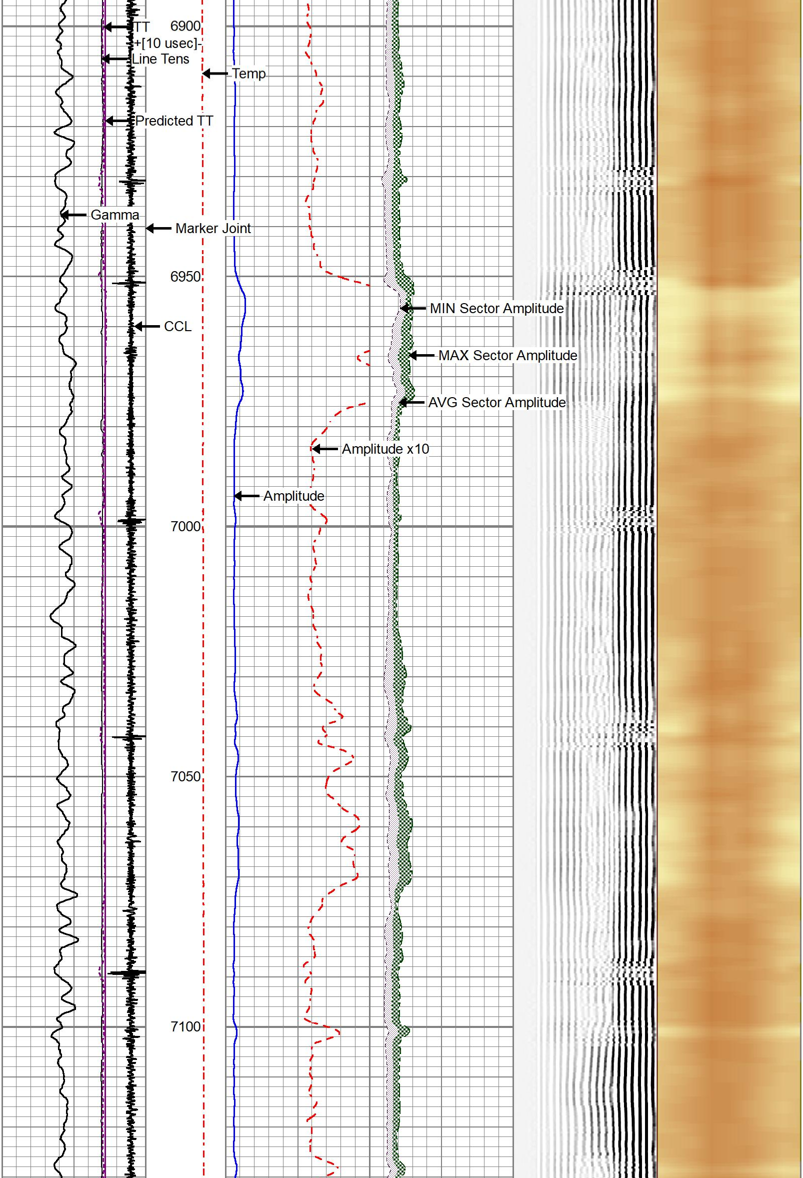
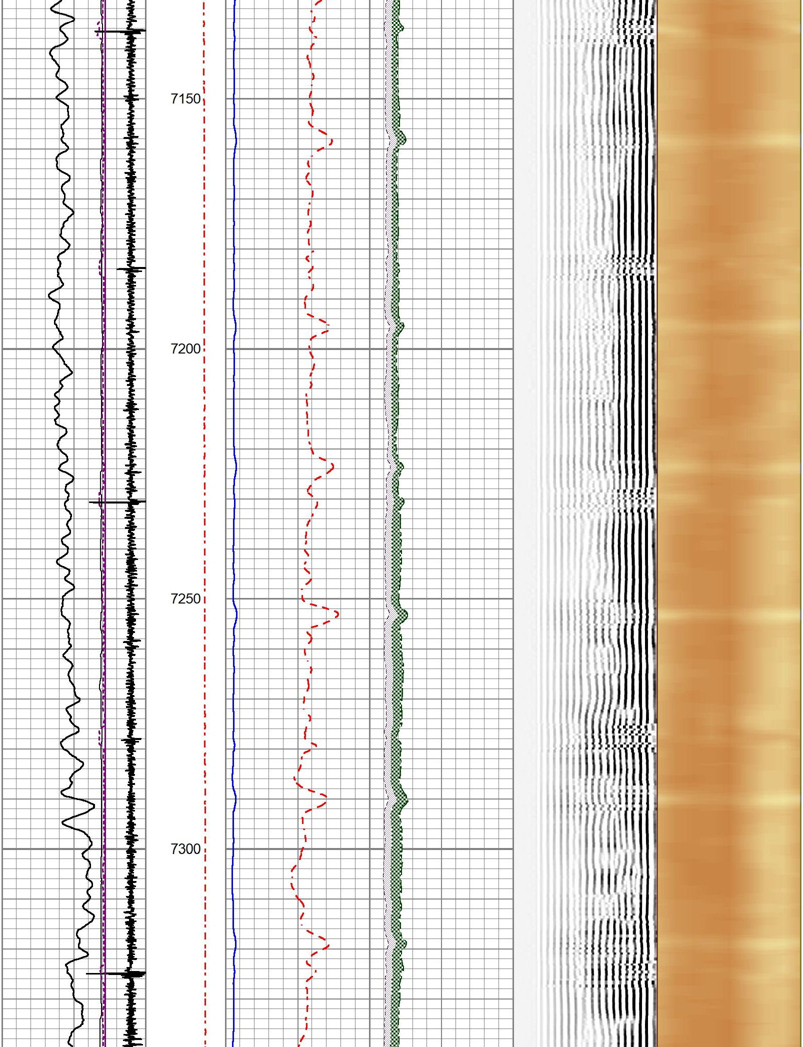
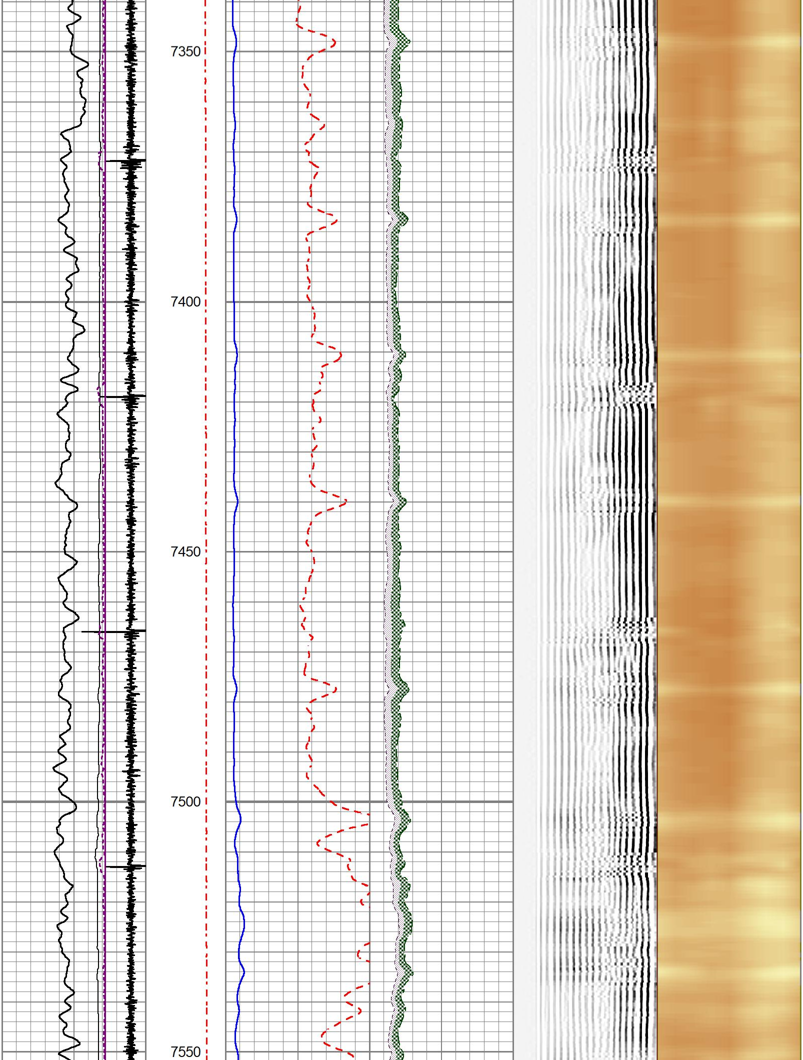
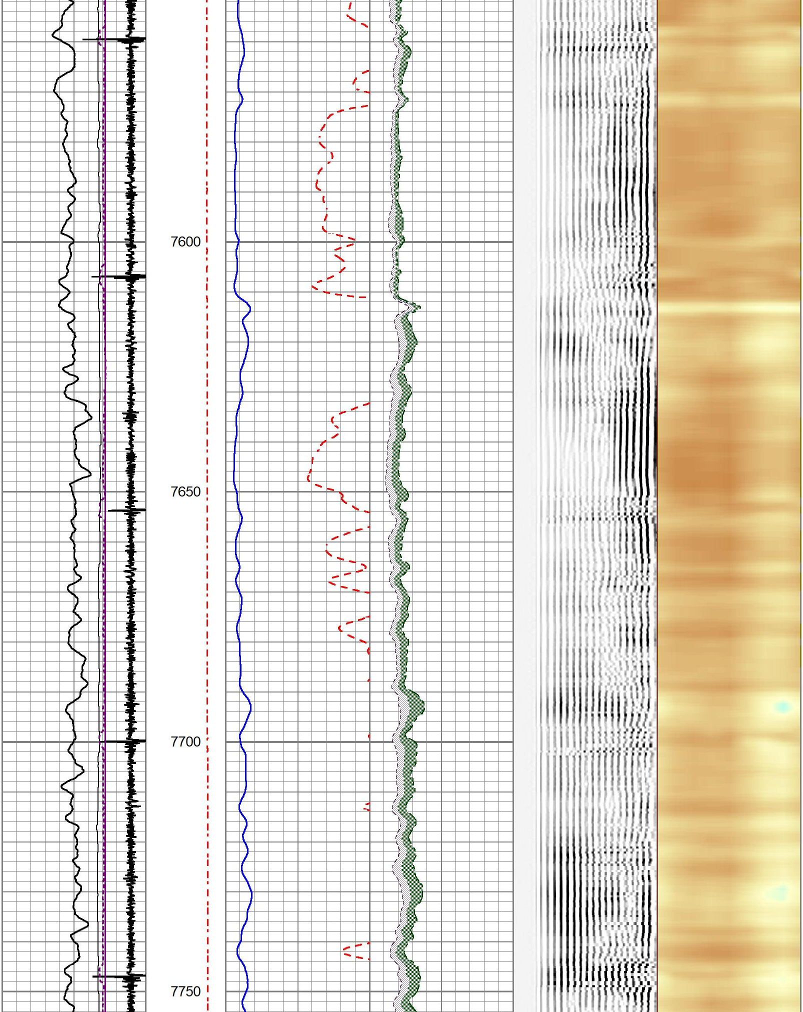
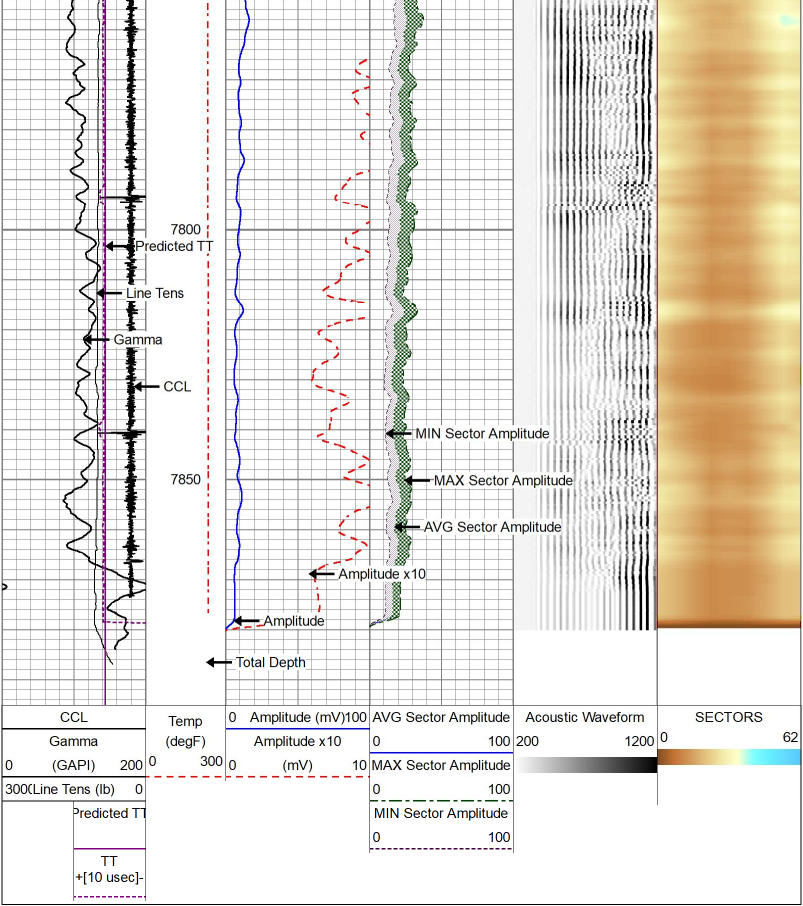
6850











gyrodata

MAIN PASS - Ran with 500 PSI

5 in / 100 ft

gyrodata

REPEAT PASS - Ran with 0 PSI

5 in / 100 ft

Database File	2018_07_12_conoco_florida_3_65_27_26_3ah_cbl\2018_07_12_conoco_florida_3_65_27_26_3ah_cbl.db
Dataset Pathname	REPEATPASS
Presentation Format	rcbl_8s
Dataset Creation	Fri Jul 13 12:45:27 2018
Charted by	Depth in Feet scaled 1:240

CCL - Analog

Gamma

0 (GAPI) 200

300(Line Tens (lb) 0

Predicted TT

TT

+[10 usec]-

np - Analog C

(degF)

0 300

0 Amplitude (mV)100

Amplitude x10

0 (mV) 10

AVG Sector Amplitude

0 100

MAX Sector Amplitude

0 100

MIN Sector Amplitude

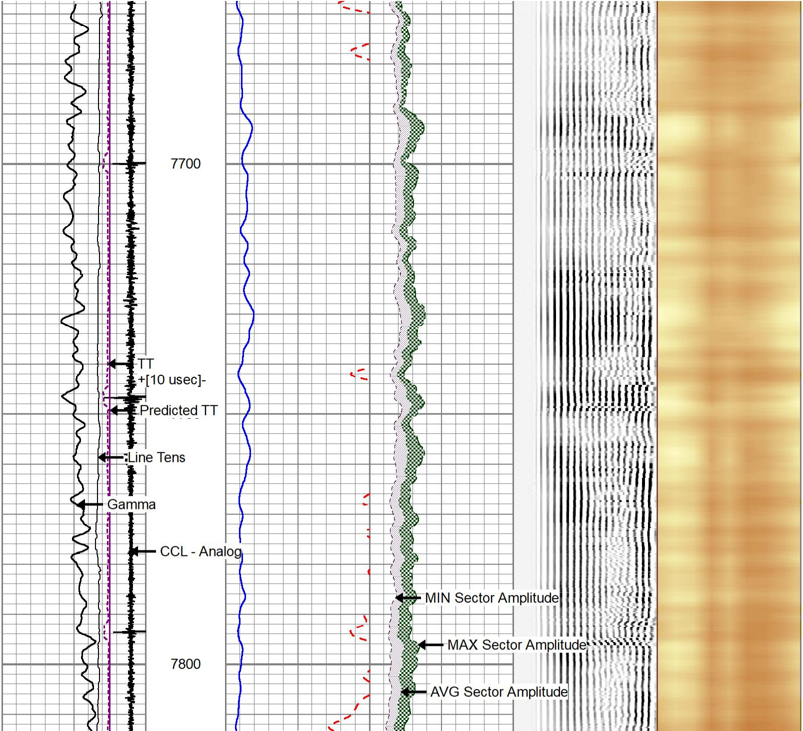
0 100

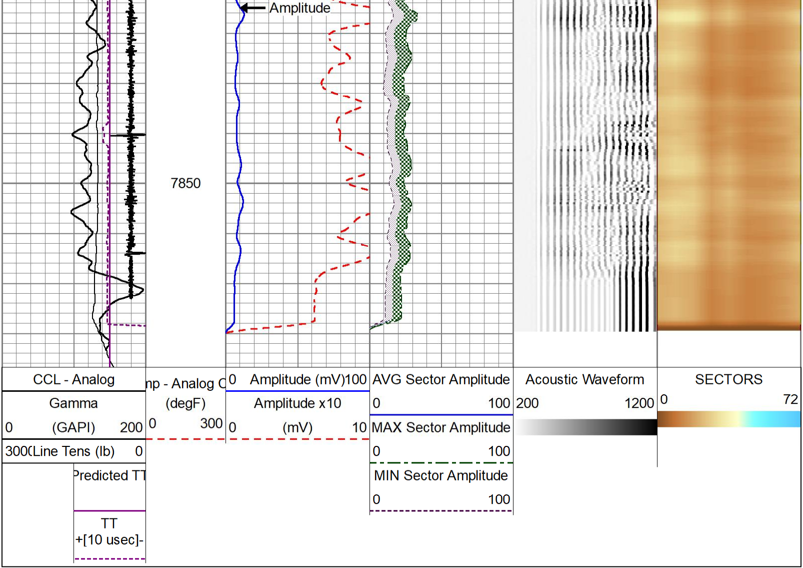
Acoustic Waveform

200 1200

SECTORS

0 72





gyrodata

REPEAT PASS - Ran with 0 PSI

5 in / 100 ft

Calibration Report

Database File c:\programdata\warrior\data\2018_07_12_conoco_florida_3_65_27_26_3ah_cbl\2018_07_12_conoco_florida
Dataset Pathname pass6
Dataset Creation Fri Jul 13 09:15:50 2018

Gamma Ray Calibration Report

Serial Number:	IXEM9-02	
Tool Model:	2 3/4" TekCo	
Performed:	Tue Dec 13 00:09:12 2016	
Calibrator Value:	194.0	GAPI
Background Reading:	65.6	cps
Calibrator Reading:	360.4	cps
Sensitivity:	0.6580	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	IPPO2-01	
Tool Model:	2 3/4" RIB Analog	
Calibration Casing Diameter:	5.500	in
Calibration Depth:	0.000	ft

Master Calibration, performed (Derived):

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.004	0.937	0.000	62.000	66.437	-0.237
CAL	0.000	0.750				
5'	0.006	1.457	0.000	62.000	42.717	-0.250
SUM						
S1	0.014	0.713	0.000	62.000	88.656	-1.200
S2	0.014	0.676	0.000	62.000	93.692	-1.355
S3	0.017	0.775	0.000	62.000	81.781	-1.416
S4	0.021	1.091	0.000	62.000	57.914	-1.204
S5	0.020	0.946	0.000	62.000	66.918	-1.333
S6	0.020	1.063	0.000	62.000	59.401	-1.166
S7	0.017	0.929	0.000	62.000	68.037	-1.185
S8	0.016	0.792	0.000	62.000	79.845	-1.246

Internal Reference Calibration, performed Fri Aug 25 16:15:12 2017:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.750	0.000	0.750	1.000	0.000

Air Zero Calibration, performed Fri Aug 25 16:15:12 2017:

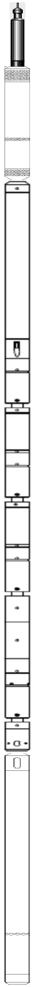
	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000

Temperature Calibration Report

Serial Number:	IPPO2-01
Tool Model:	2 3/4" RIB Analog
Performed:	Fri Aug 26 11:07:15 2016

	Reference		Reading	
Low Reference:	0.00	degF	0.00	usec
High Reference:	1.00	degF	1.00	usec

Gain:	0.33
Offset:	0.00
Delta Spacing	1

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			CableHead-TitanConeType2	1.03	1.44	3.60
CCL	13.50		CCL_Log-2 3/4" TekCo (IS2T1-09)	1.83	2.75	33.00
TEMP	10.05					
WVFS8	8.76					
WVFS7	8.76					
			RBTA-2 3/4" RIB Analog (IPPO2-01)	9.13	2.75	102.00
WVFS6	8.76					
WVFS5	8.76					
WVFS4	8.76					
WVFS3	8.76					
WVFS2	8.76					
WVFS1	8.76					
WVF3FT	8.01					
WVF5FT	7.01					
WVFSYNC	3.68					
WVFTEMP	3.68					
WVFCAL	3.68					
			GR_Log-2 3/4" TekCo (IXEM9-02)	3.68	2.75	47.00
GR	1.04					
LOCTIM	0.00					
UTCTIM	0.00					

Dataset:	2018_07_12_conoco_florida_3_65_27_26_3ah_cbl.db: field/well/run1/MAINPASS
Total length:	15.67 ft
Total weight:	185.60 lb
O.D.:	2.75 in

gyrodata

Company Conoco Phillips
Well Florida 3-65 27-26 #3AH
Field Wildcat
County Adams
State CO **Country** U.S.A.