

Log Variables

DatabaseC:\ProgramData\Warrior\Data\berexco_fred #12.db
Dataset field/Fred_#12/StkMI/pass4.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	112	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	No	0	0	290	70	Off	3581

Variable Description

A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth



2" SCALE BULK DENSITY

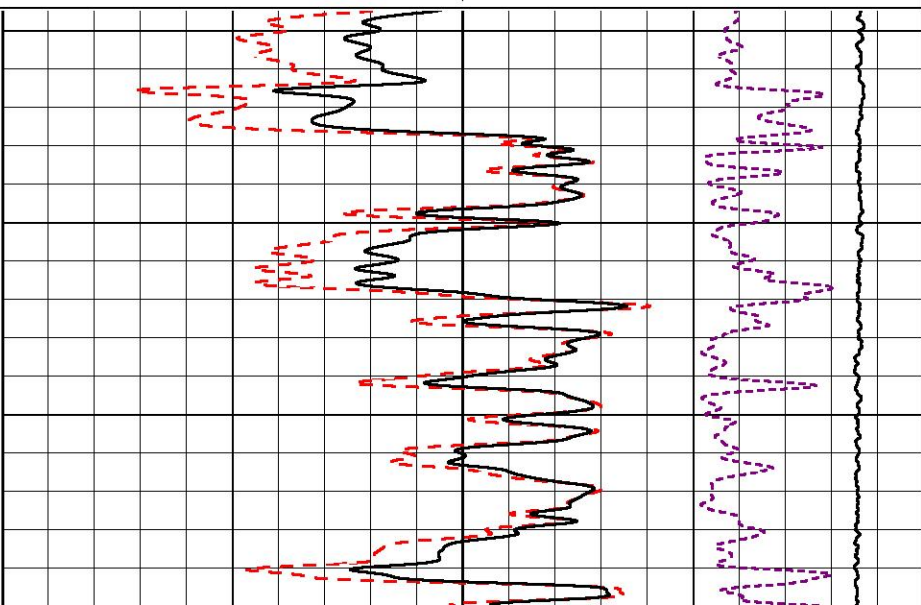
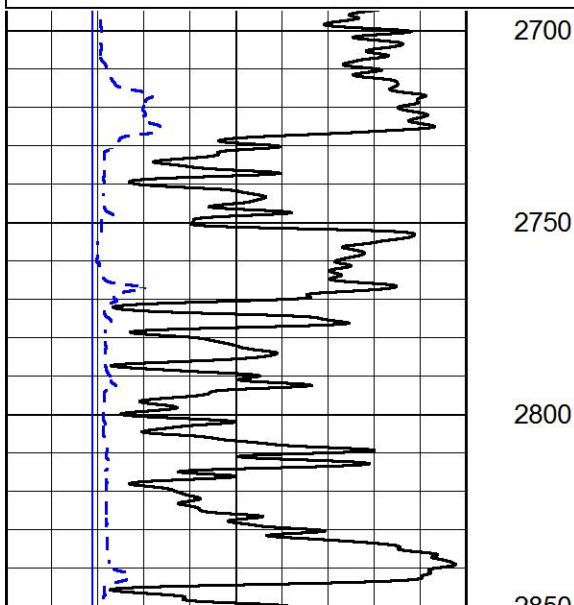
MAIN PASS

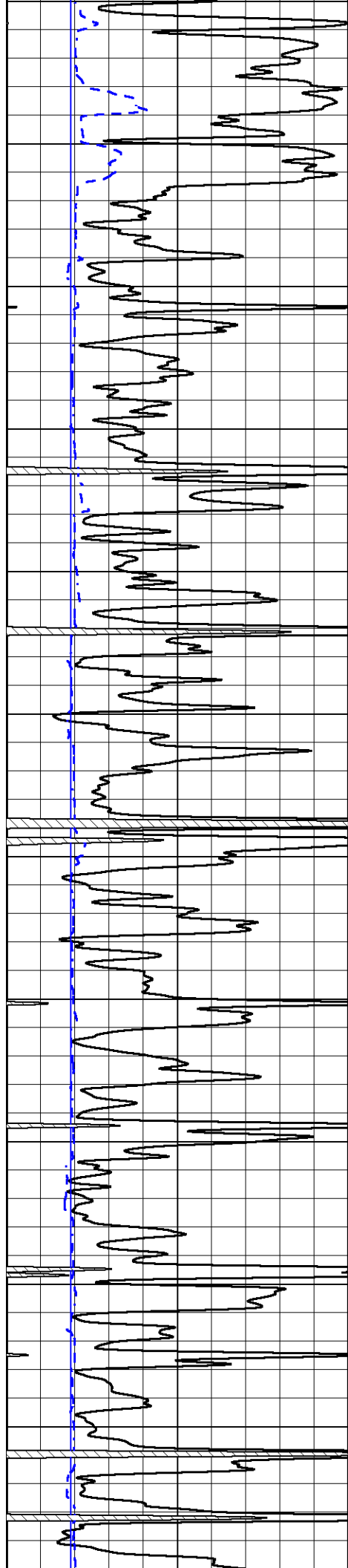
Database File berexco_fred #12.db
Dataset Pathname Fred_#12/StkMI/pass4.3
Presentation Format _cdl
Dataset Creation Thu May 20 02:00:42 2021
Charted by Depth in Feet scaled 1:600

0	GAMMA RAY (GAPI)	150
6	DCAL (in)	16

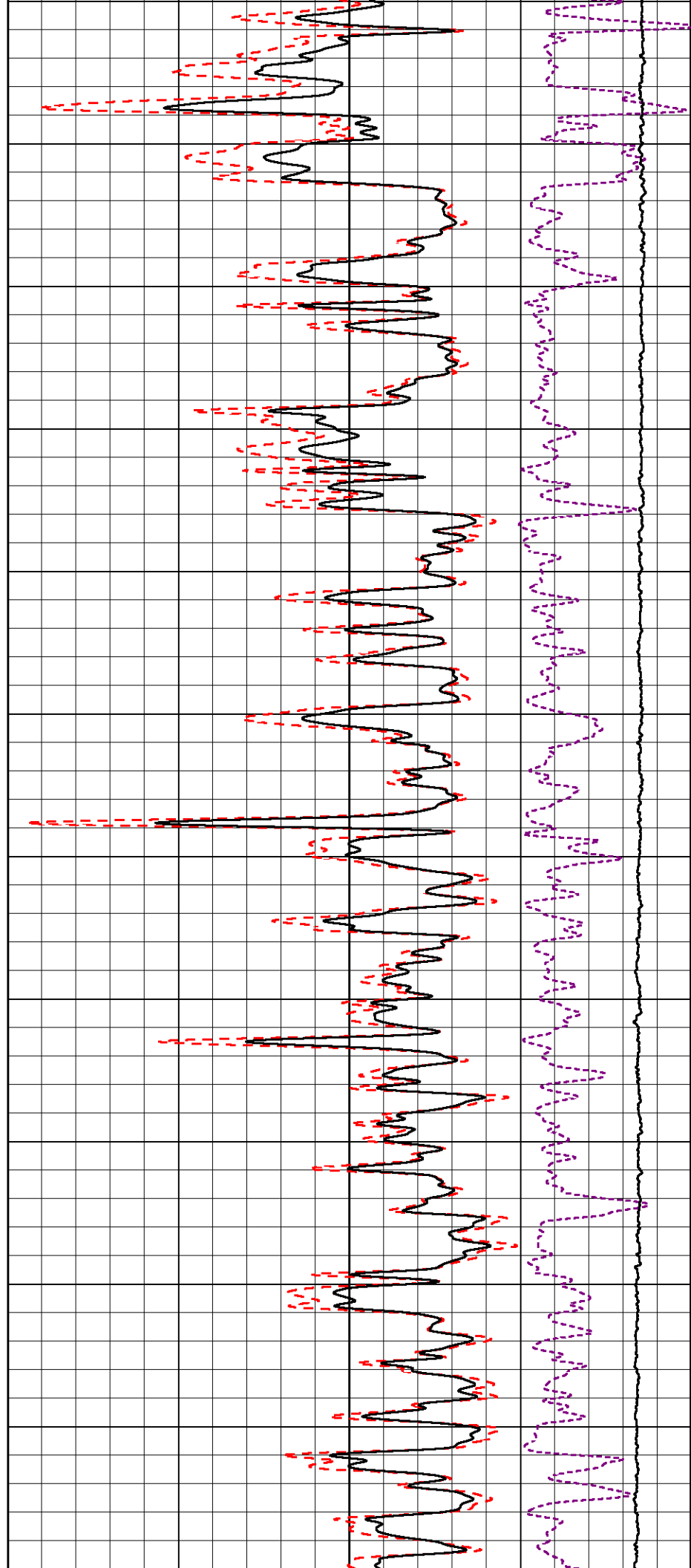
COMPENSATED DENSITY (2.65 MA)

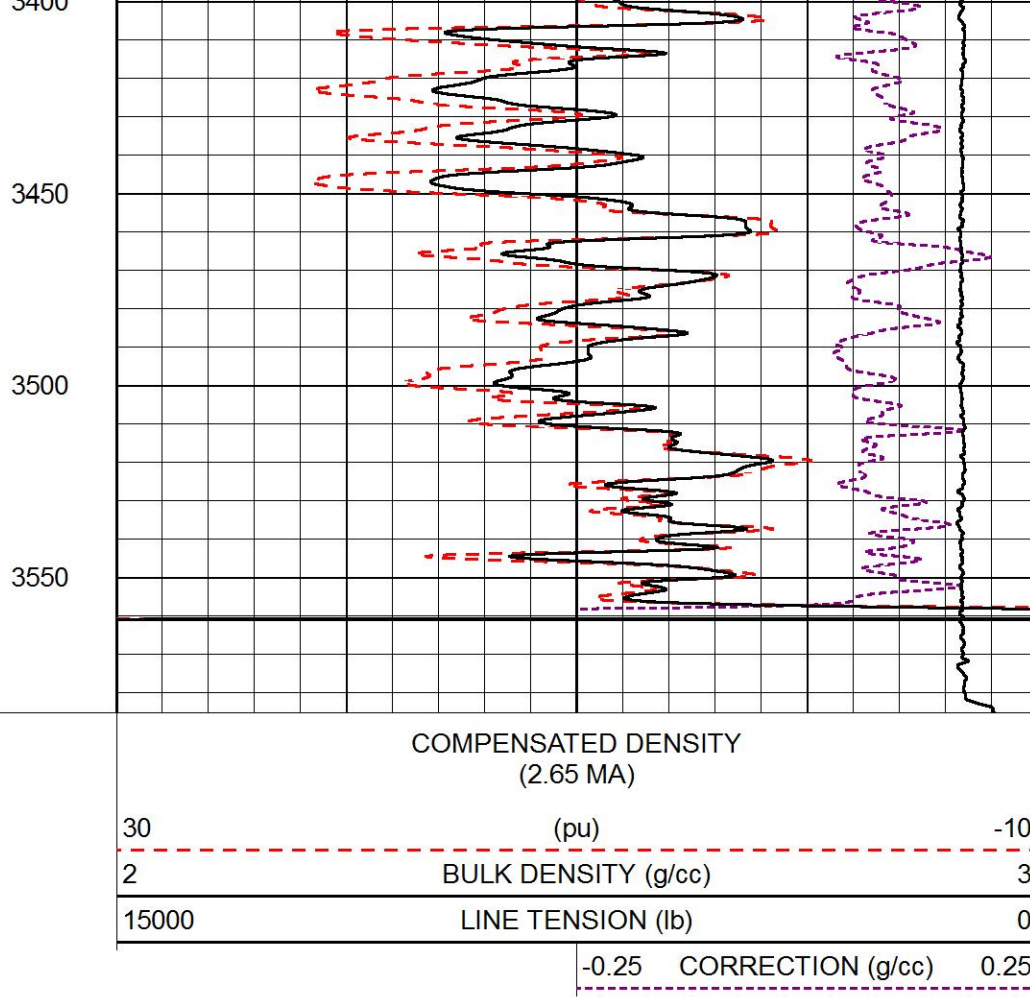
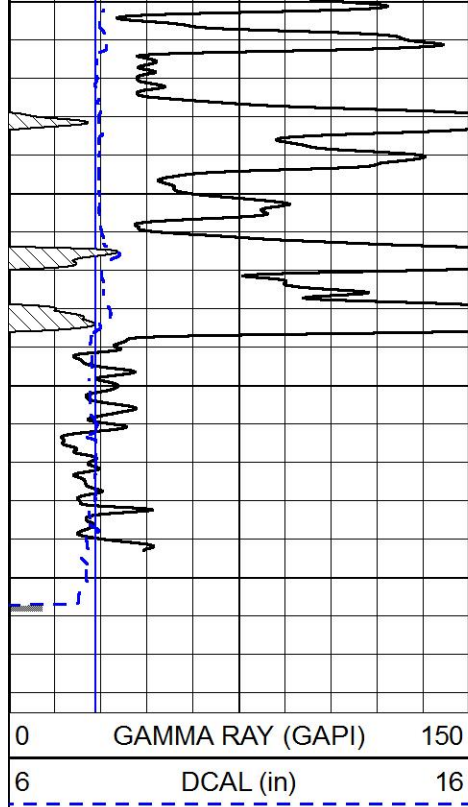
30	(pu)	-10
2	BULK DENSITY (g/cc)	3
15000	LINE TENSION (lb)	0
-0.25	CORRECTION (g/cc)	0.25





2850
2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400



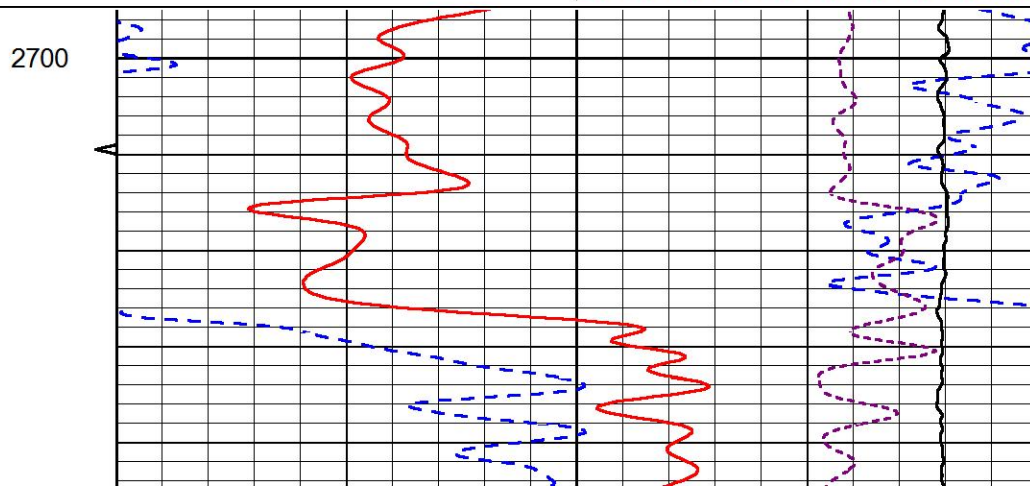
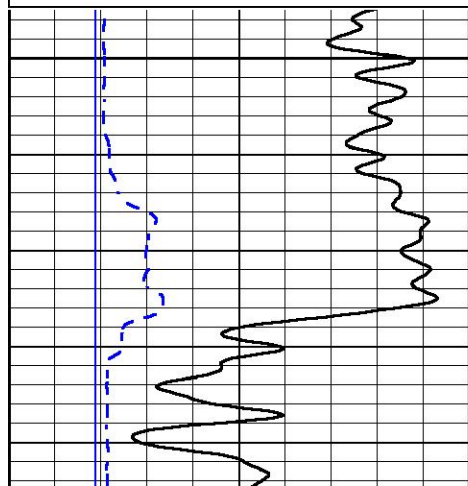
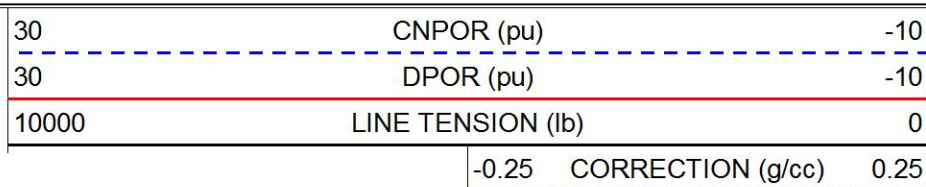
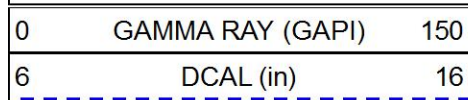


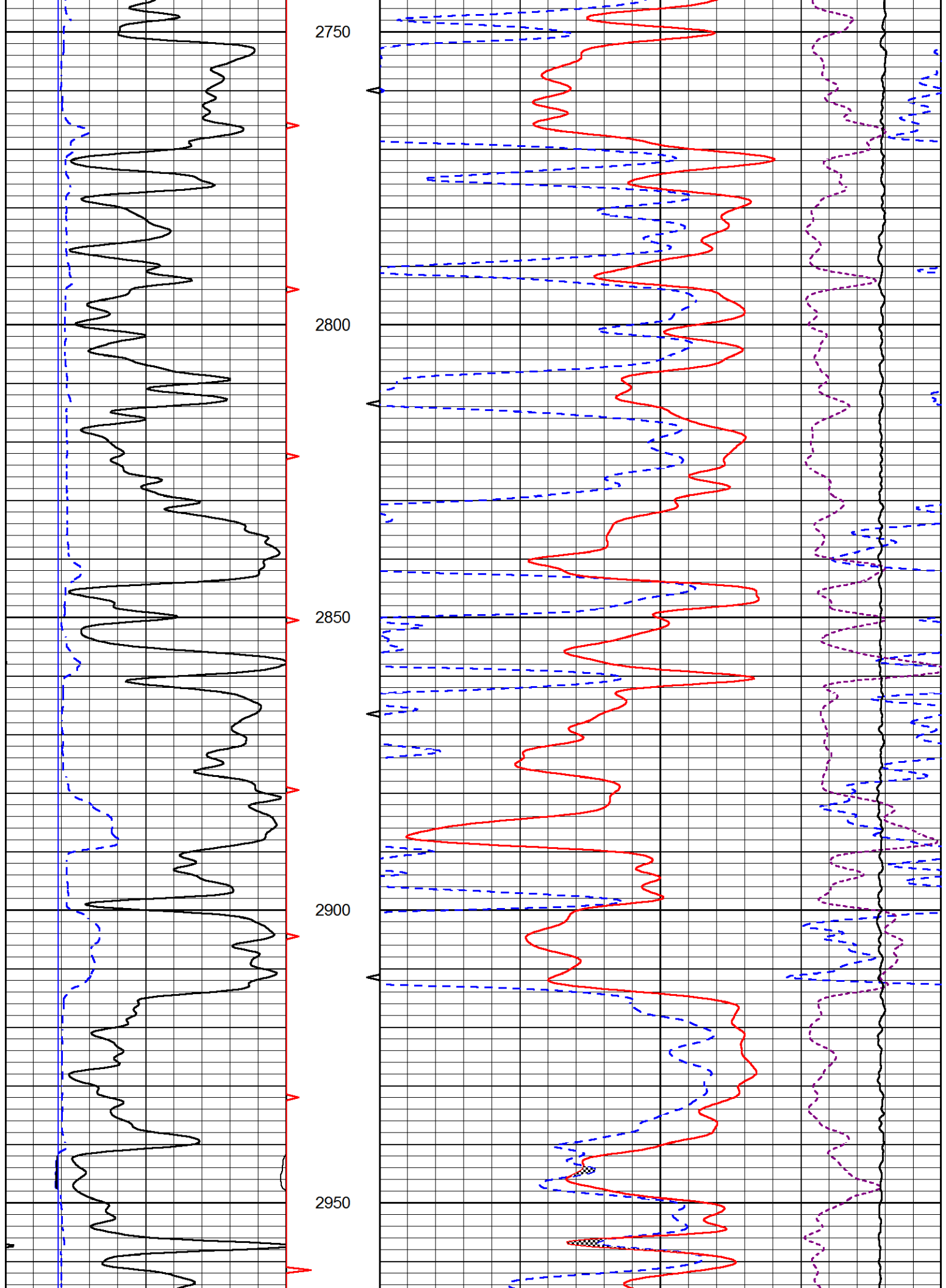
MIDWEST WIRELINE

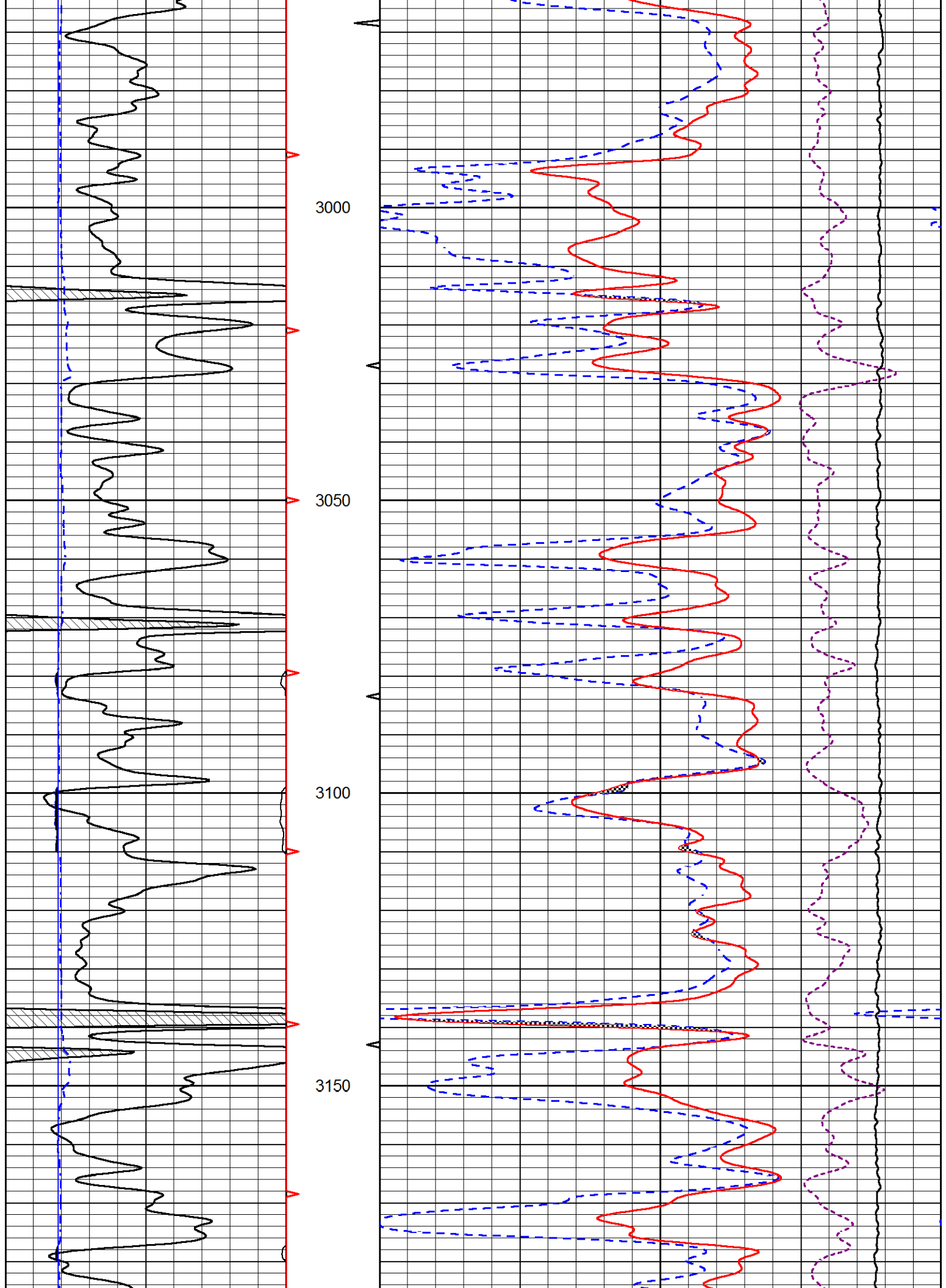
DETAIL SECTION

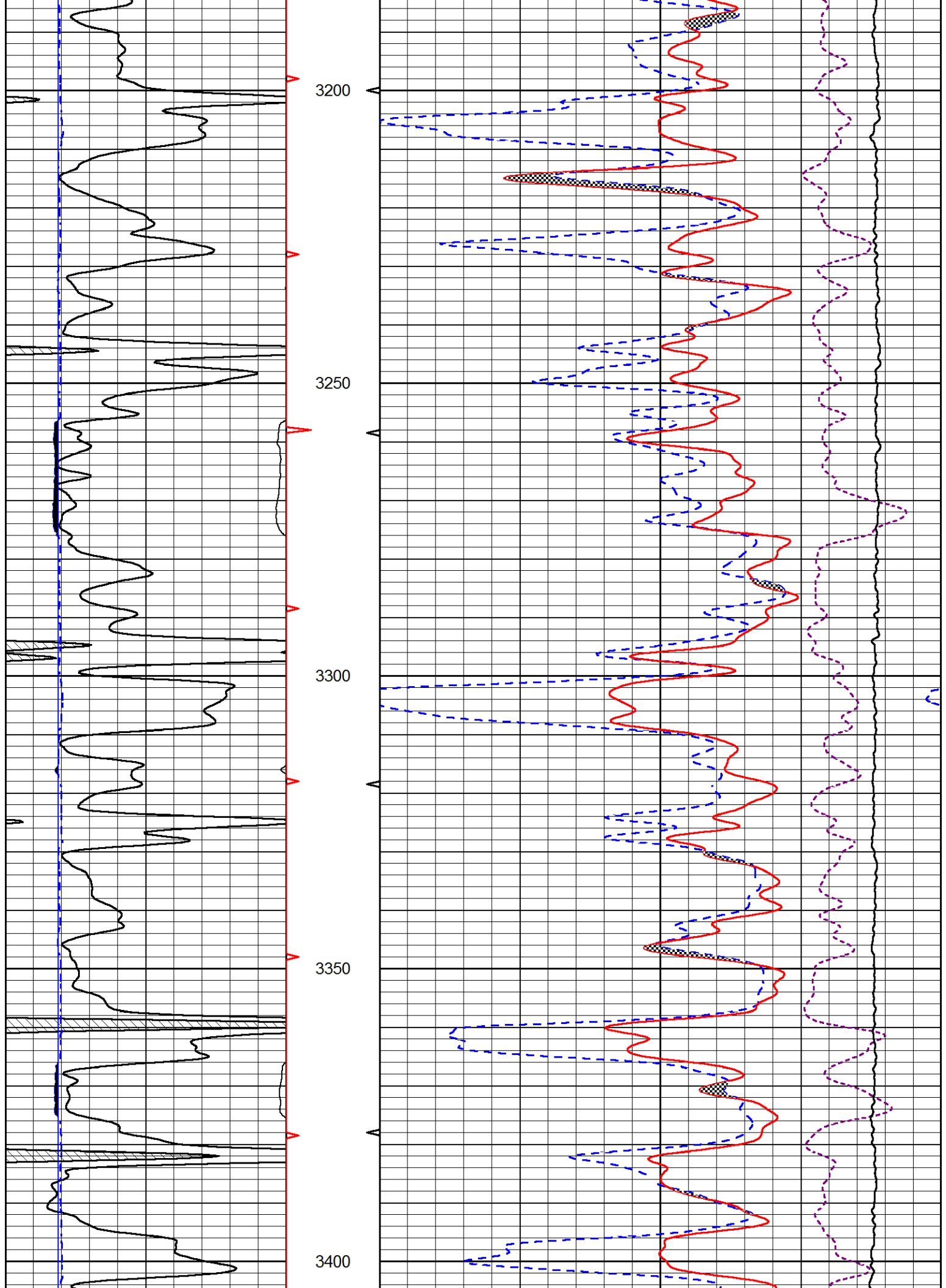
MAIN PASS

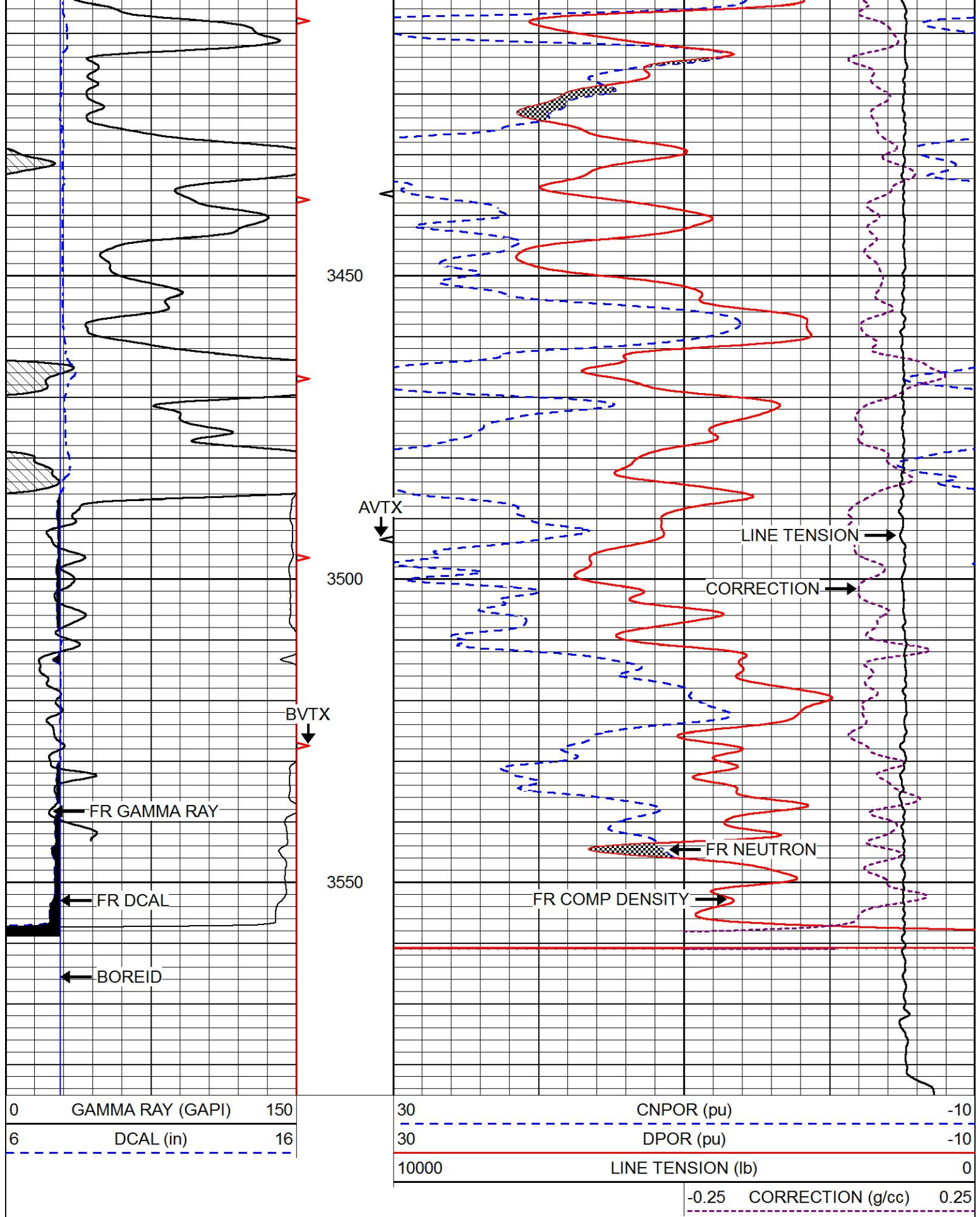
Database File berexco_fred #12.db
Dataset Pathname Fred_#12/StkMI/pass4.1
Presentation Format _CNDLS~1
Dataset Creation Thu May 20 02:30:24 2021
Charted by Depth in Feet scaled 1:240











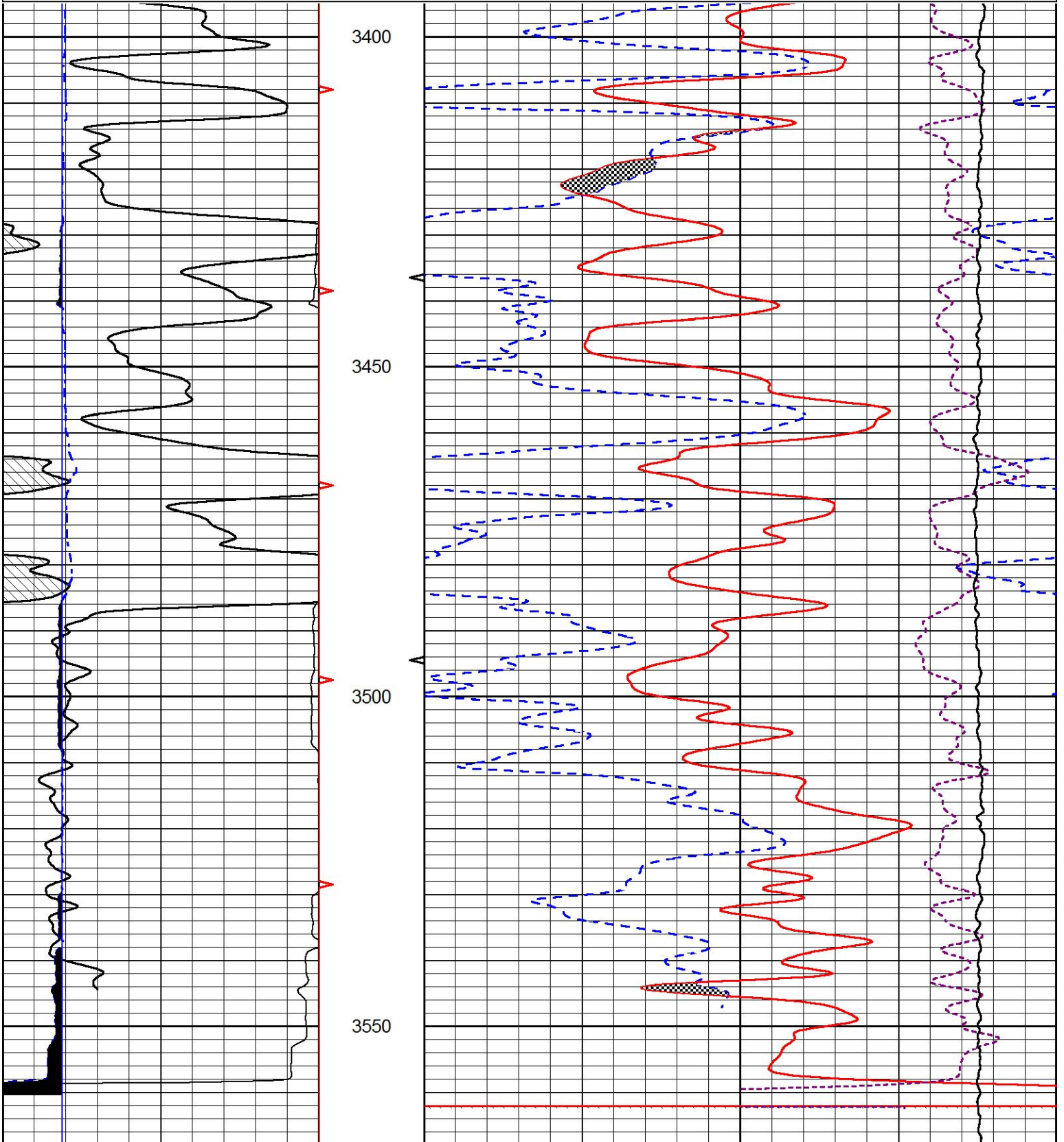
REPEAT SECTION



Database File berexco_fred #12.db
Dataset Pathname Fred_#12/StkMI/pass3.1
Presentation Format _CNDLS~1
Dataset Creation Thu May 20 01:55:04 2021
Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	DCAL (in)	16

30	CNPOR (pu)	-10
30	DPOR (pu)	-10
10000	LINE TENSION (lb)	0
	-0.25 CORRECTION (g/cc)	0.25



0	GAMMA RAY (GAPI)	150	30	CNPOR (pu)	-10
6	DCAL (in)	16	30	DPOR (pu)	-10
			10000	LINE TENSION (lb)	0
				-0.25 CORRECTION (g/cc)	0.25

Calibration Report	
Database File	berexco_fred #12.db
Dataset Pathname	Fred_#12/StkMI/pass4.1
Dataset Creation	Thu May 20 02:30:24 2021

Dual Induction Calibration Report	
Serial-Model:	952-828-PSI HIGH TEMP
Surface Cal Performed:	

		Readings		References		Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	167.000	835.000	0.000	255.000	mmho/m	0.455	-35.000
Medium	0.000	1348.000	142.000	255.000	mmho/m	0.325	-34.000

Microlog Calibration Report	
Serial-Model:	775-778-PSIML
Performed:	(Not Performed)

Readings			References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0000	1.0000	0.0000	1.0000	Ohm-m	13000.0000	-1.5000
Inverse	0.0000	1.0000	0.0000	1.0000	Ohm-m	12000.0000	-0.5000
Caliper	1.0033	1.0841	5.0000	16.5000	in	142.3500	-138.6500

Compensated Density Calibration Report	
Serial-Model:	817-947-M&W
Source / Verifier:	16955B / 2ci
Master Calibration Performed:	Mon Apr 12 21:28:06 2021
Before Survey Verification Performed:	
After Survey Verification Performed:	

Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	5708.83	5527.94	cps
Aluminum	2.680	g/cc	1049.66	3515.58	cps
Spine Angle = 75.04			Density/Spine Ratio = 0.528		
	Size		Reading		
Small Ring	6.00	in	1.02		
Large Ring	32.00	in	1.19		

Before Survey Verification	
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Before Survey Verification		Target g/cc g/cc g/cc		Measured g/cc g/cc g/cc	
After Survey Verification					
		Target g/cc g/cc g/cc		Measured g/cc g/cc g/cc	
Compensated Neutron Calibration Report					
		Serial Number: Tool Model:		207-MW M&W	
CALIBRATION					
	Detector	Readings		Target	
	Short Space	6240.00	cps	1000.00	cps
	Long Space	460.00	cps	1000.00	cps
					Normalization
					1.6025
					1.9500
PRE-SURVEY VERIFICATION					
	Detector	Readings		Measured	
	Short Space		cps		
1)	Long Space		cps	pu	pu
	Short Space		cps		
2)	Long Space		cps	pu	
	Short Space		cps		
3)	Long Space		cps	pu	
POST-SURVEY VERIFICATION					
	Detector	Readings		Measured	
	Short Space		cps		
1)	Long Space		cps	pu	pu
	Short Space		cps		
2)	Long Space		cps	pu	pu
	Short Space		cps		
3)	Long Space		cps	pu	pu
Gamma Ray Calibration Report					
Serial Number:		233-M&W			
Tool Model:		M&W			
Performed:		Mon Apr 12 21:28:16 2021			
Calibrator Value:		1.0		GAPI	
Background Reading:		0.0		cps	
Calibrator Reading:		1.0		cps	
Sensitivity:		0.5500		GAPI/cps	



Company	Berexco LLC
Well	Fred #12
Field	Solomon
County	Ellis
State	Kansas