



DUAL COMP POROSITY LOG

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N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Hays,
South to Norfolk Rd, 1 1/8 West,
North into

Log Measured From: Kelly Bushing

Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Tom Denning
Secondary Witness: Herb Deines
Secondary Witness:
Secondary Witness:

Canoe	Offset (ft)	Schematic	Description	Length (ft)	OD (in)	Weight (lb)
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Sensor	Offset (ft)	Schematic		Description	Length (ft)	O.D. (in)	Weight (lb)				
GR	40.33			GR-M&W (106)	3.00	3.50	50.00				
CNLSC CNSSC	37.23 36.48			CNT-M&W (207-MW)	5.00	3.50	100.00				
LSD DCAL SSD	28.18			CDL-M&W (307-11)	8.50	4.00	250.00				
	28.17			ML-PSIML (401)	7.58	4.00	65.00				
	27.68										
MCAL MI MN	19.58										
	19.58										
	19.58										
RLL3F RLL3	15.50 15.50			DIL-M&W (501 HT)	18.25	3.50	220.00				
CILD	8.33										
	4.50										
CILM	4.50										
SP	0.20										
Dataset: tdi_jerome 2.db: field/well/stkml/pass3.15 Total length: 42.33 ft Total weight: 685.00 lb O.D.: 4.00 in											

Log Variables

DatabaseC:\ProgramData\Warrior\Data\tdi_jerome 2.db
Dataset field/well/stkml/pass3.15/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 113	in 5.5	in 0	g/cc 1	2	g/cc 2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m 0	mmho/m 0	mV 173	degF 70	Off	ft 3730

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



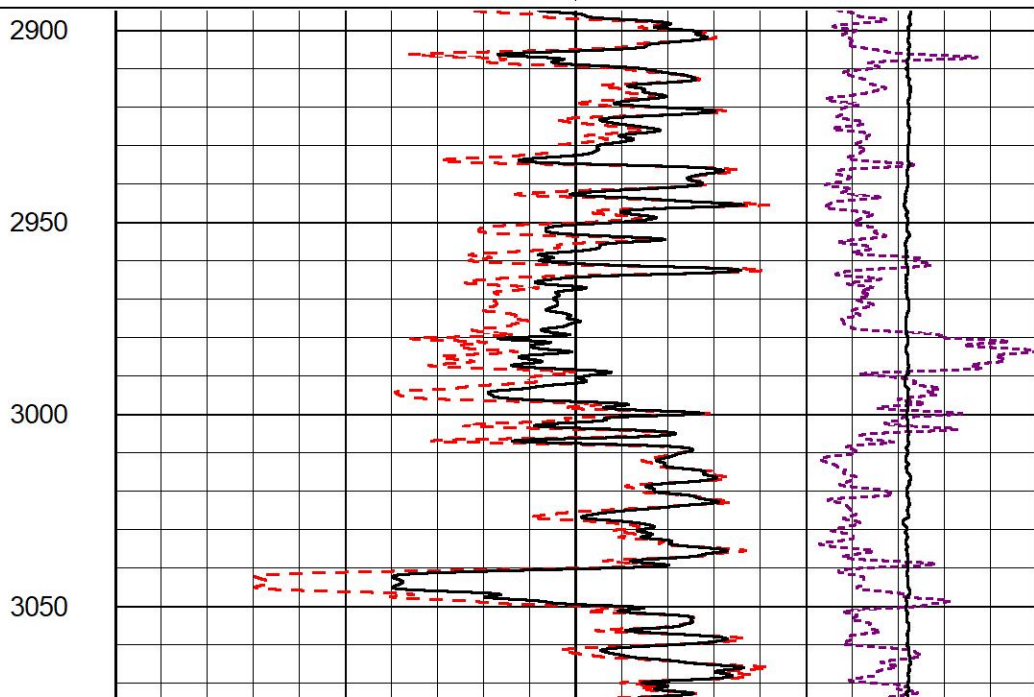
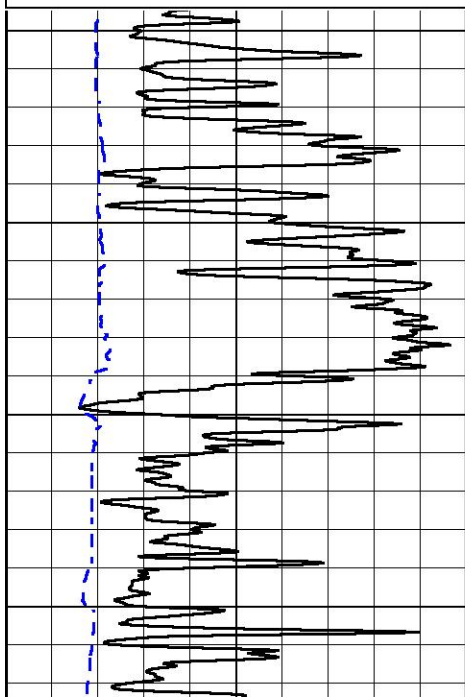
2" SCALE BULK DENSITY

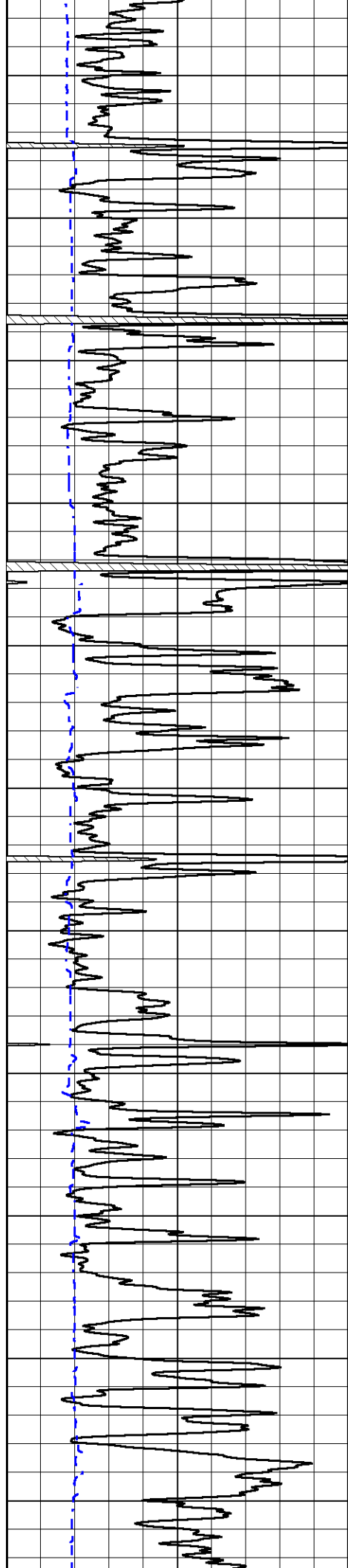
MAIN PASS

Database File tdi_jerome 2.db
Dataset Pathname stkml/pass3.2
Presentation Format _cdl
Dataset Creation Tue Oct 04 22:19:14 2022
Charted by Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	Compensated Density (pu)	-10
2	Bulk Density (g/cc)	3
10000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25





3100

3150

3200

3250

3300

3350

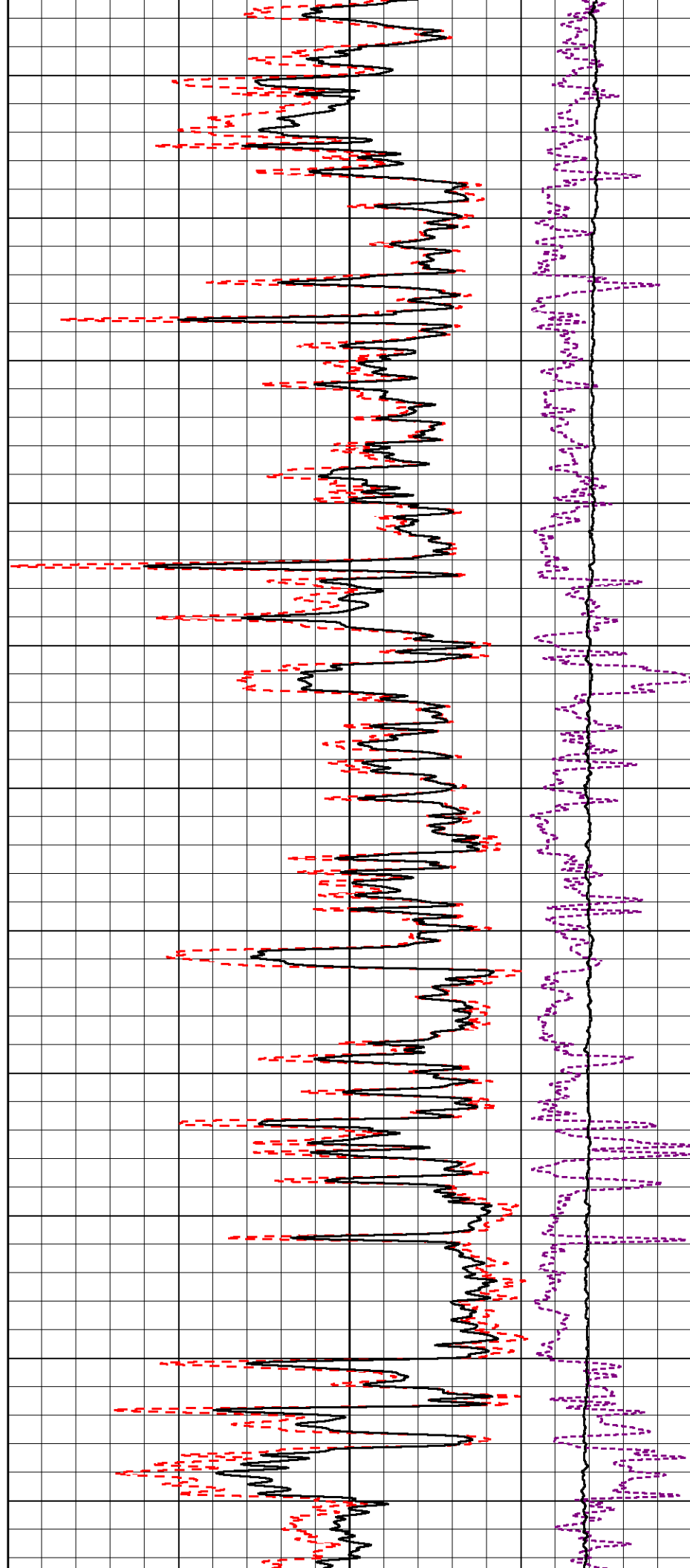
3400

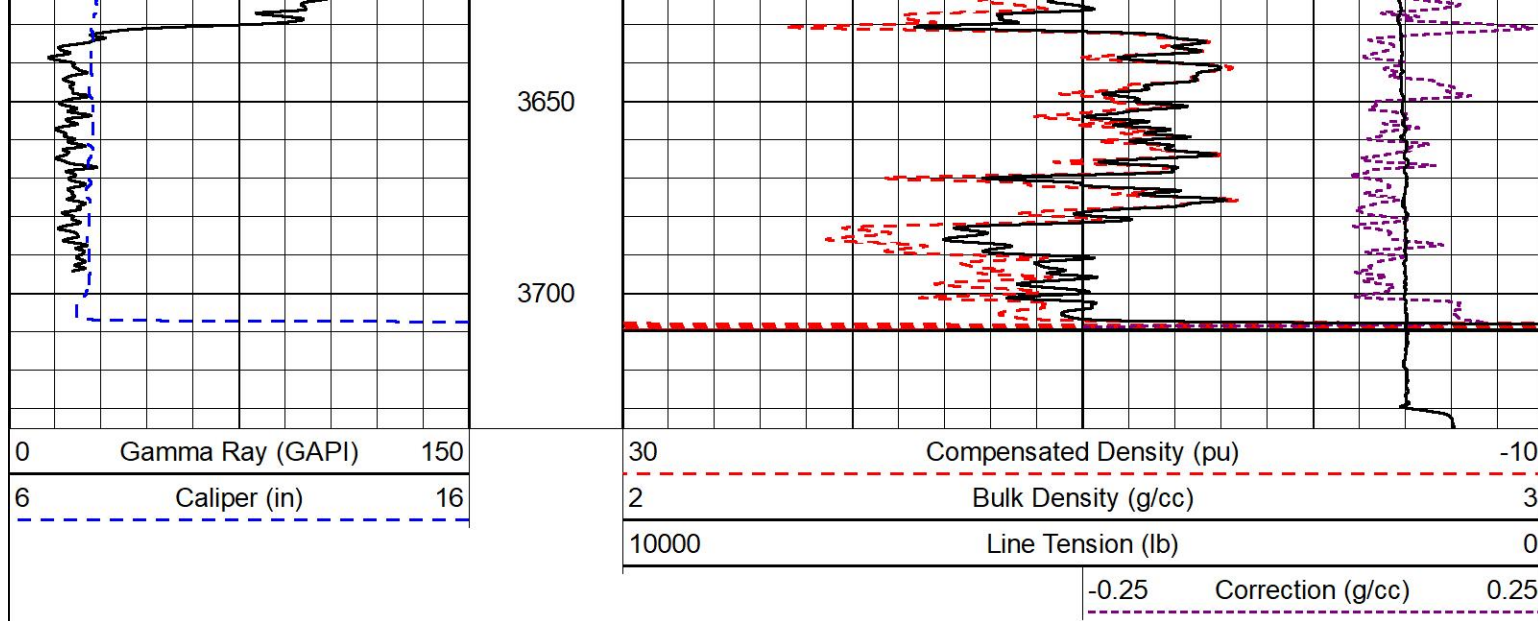
3450

3500

3550

3600



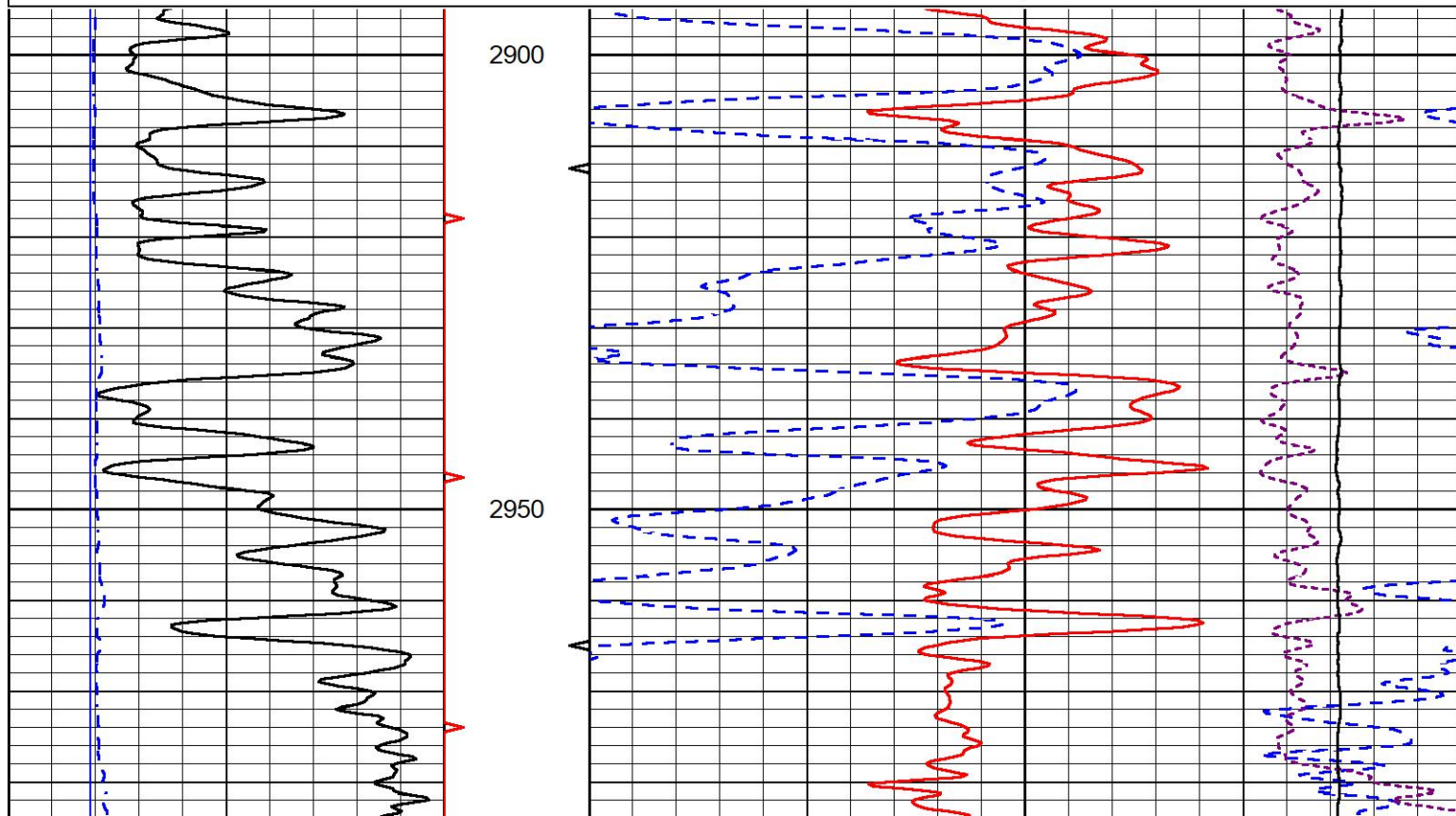
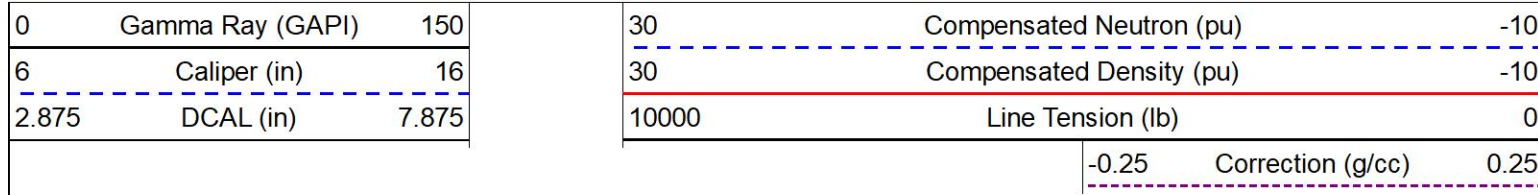


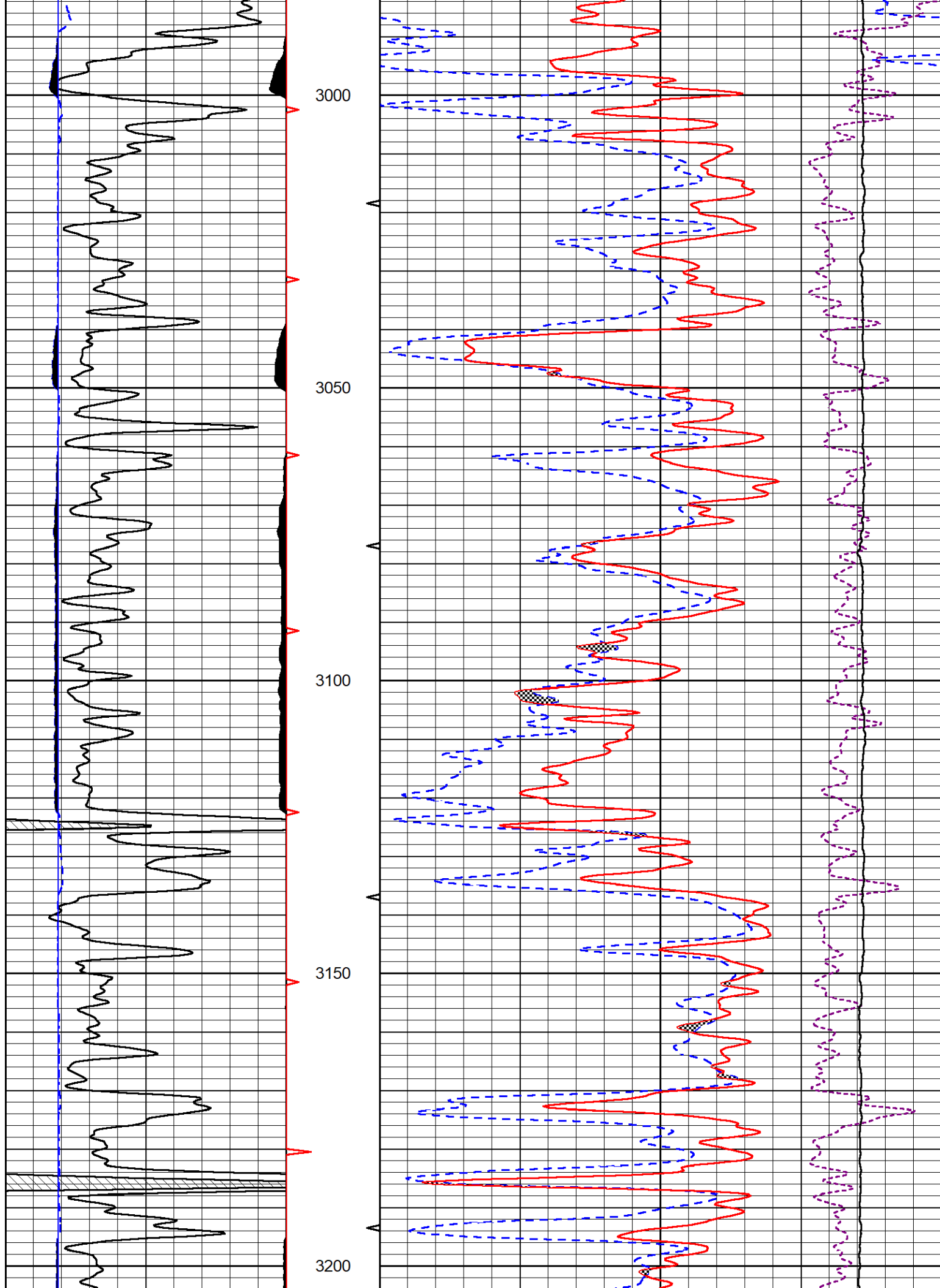
MIDWEST WIRELINE

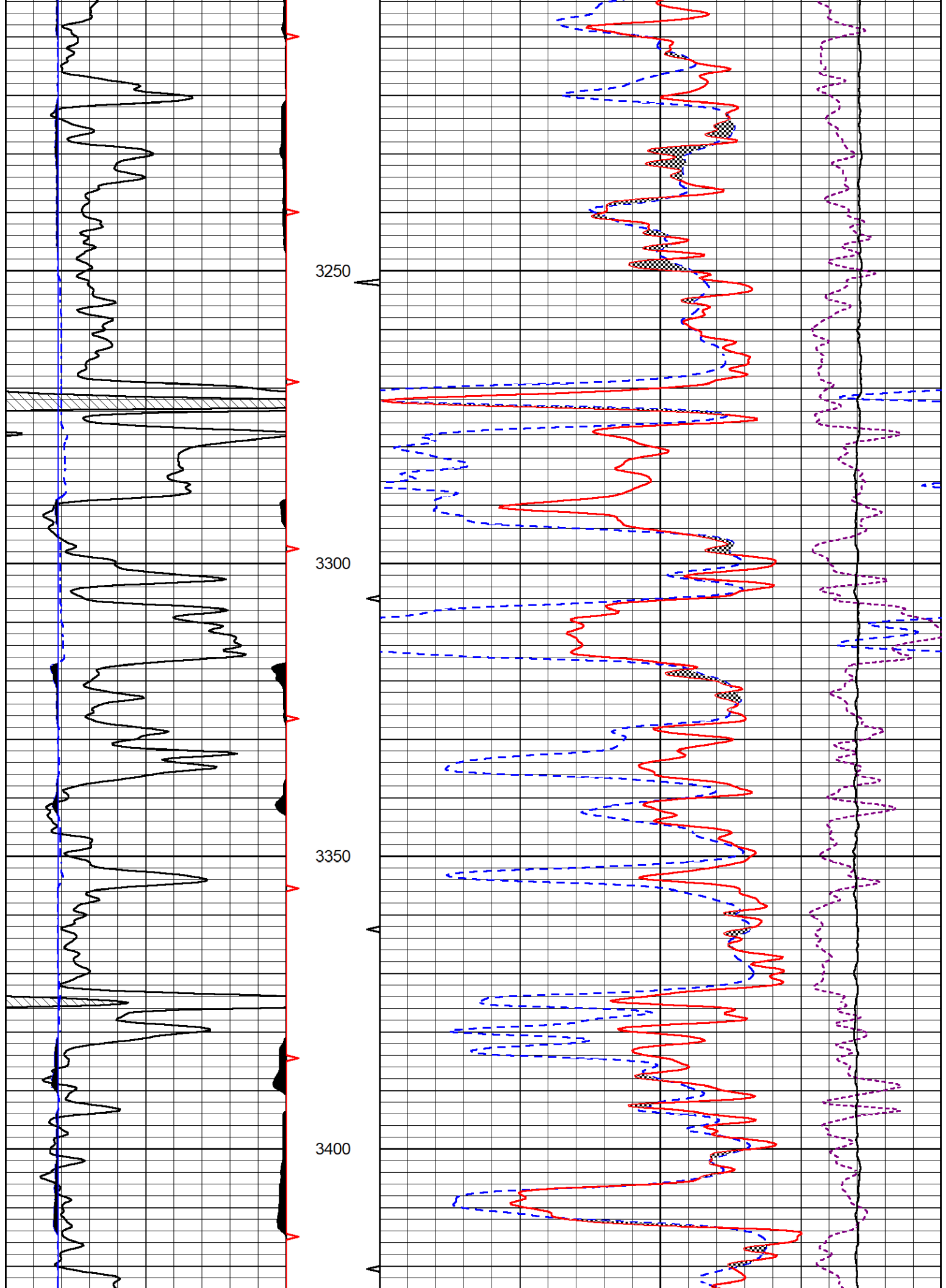
DETAIL SECTION

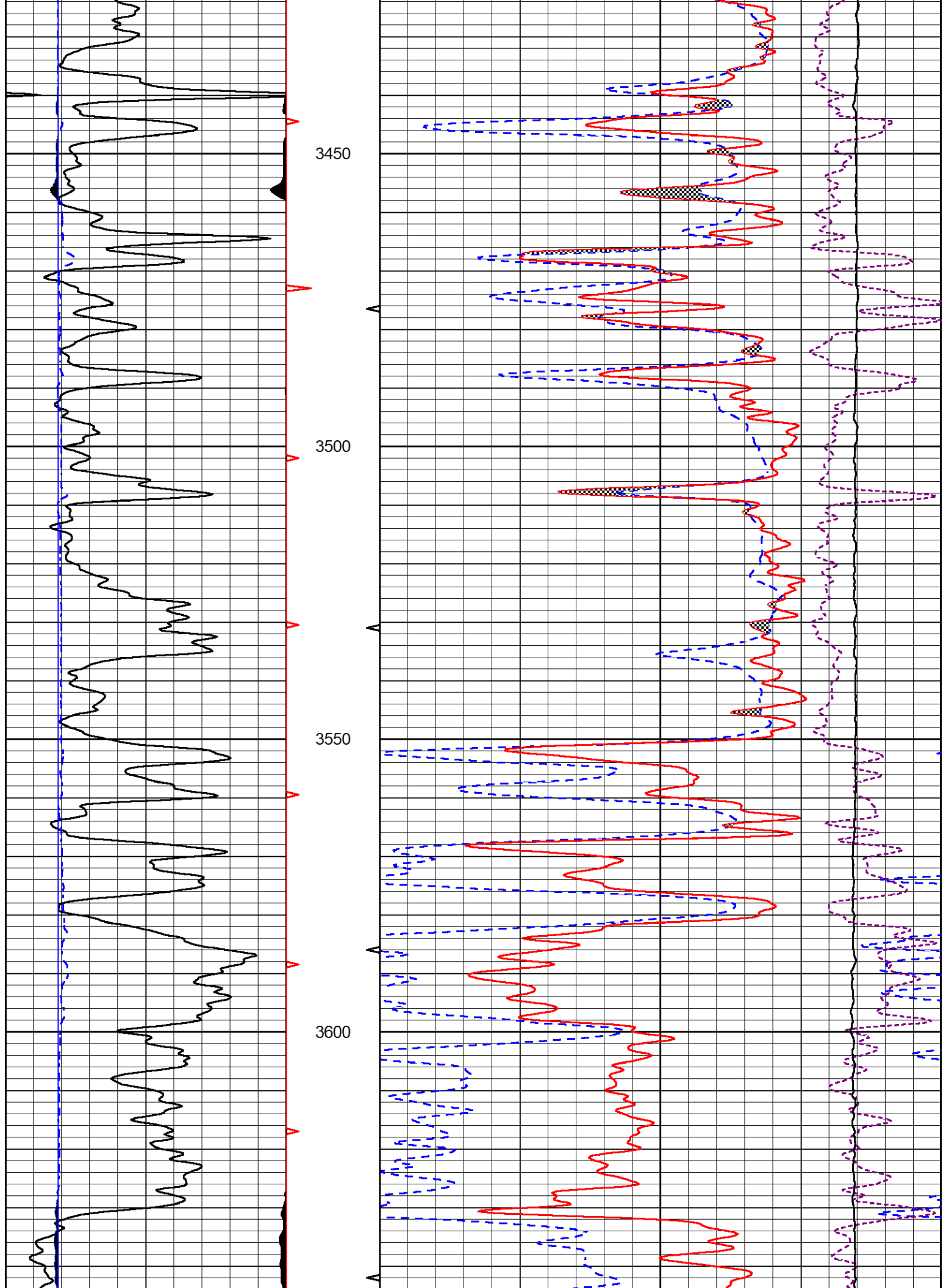
MAIN PASS

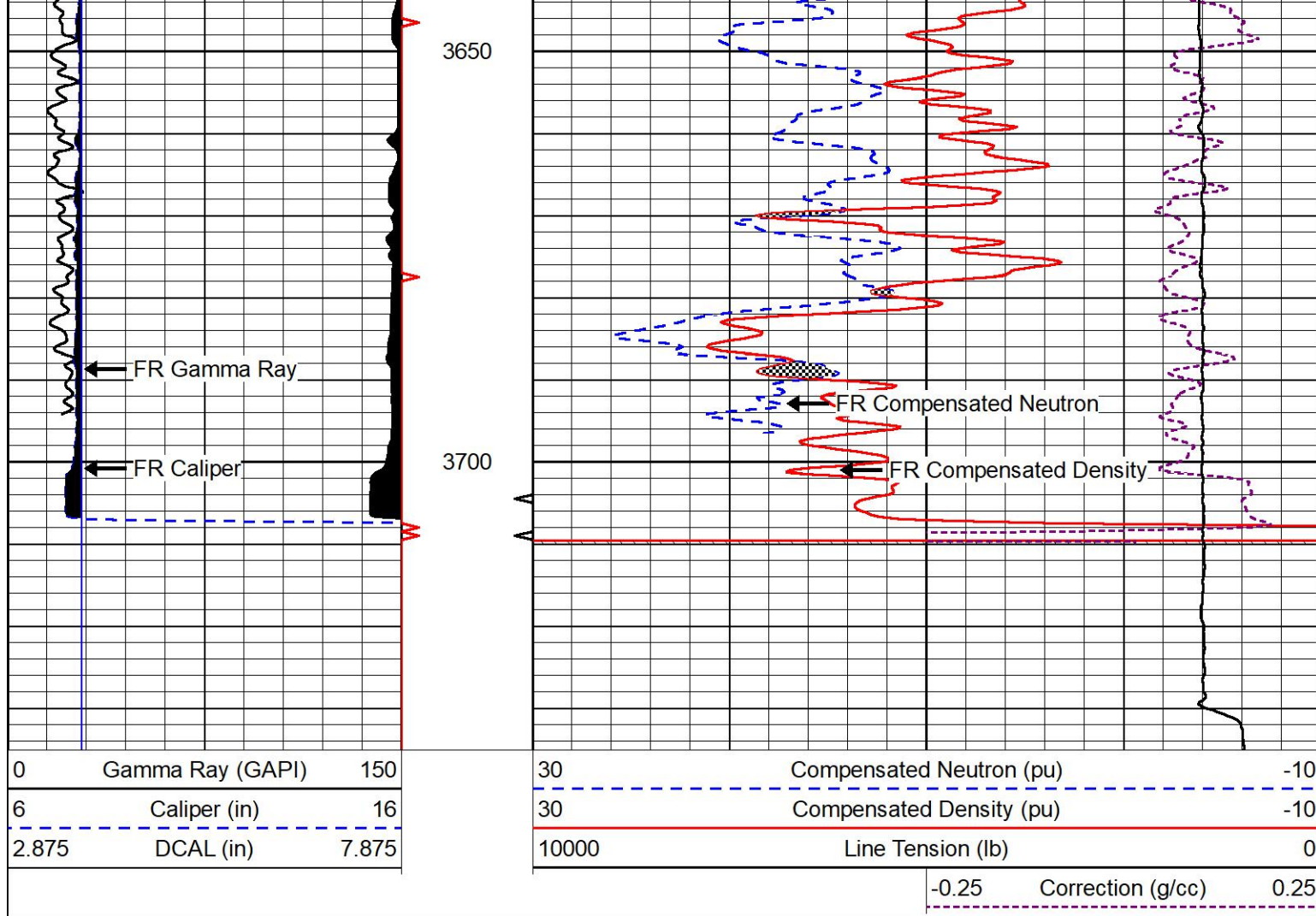
Database File tdi_jerome 2.db
 Dataset Pathname stkml/pass3.5
 Presentation Format _CNDLS~1
 Dataset Creation Tue Oct 04 22:19:22 2022
 Charted by Depth in Feet scaled 1:240











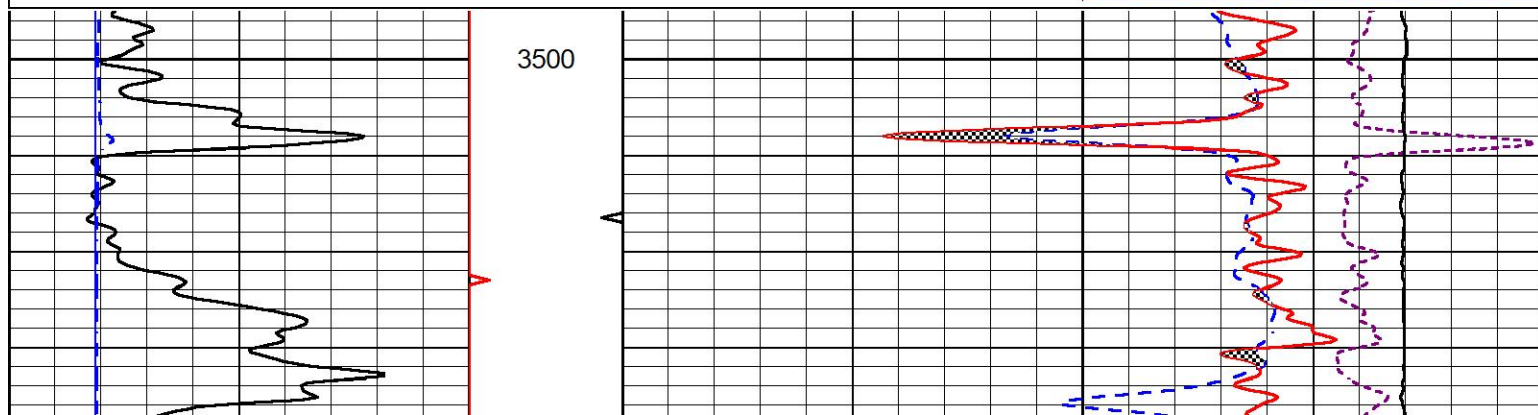
MIDWEST WIRELINE

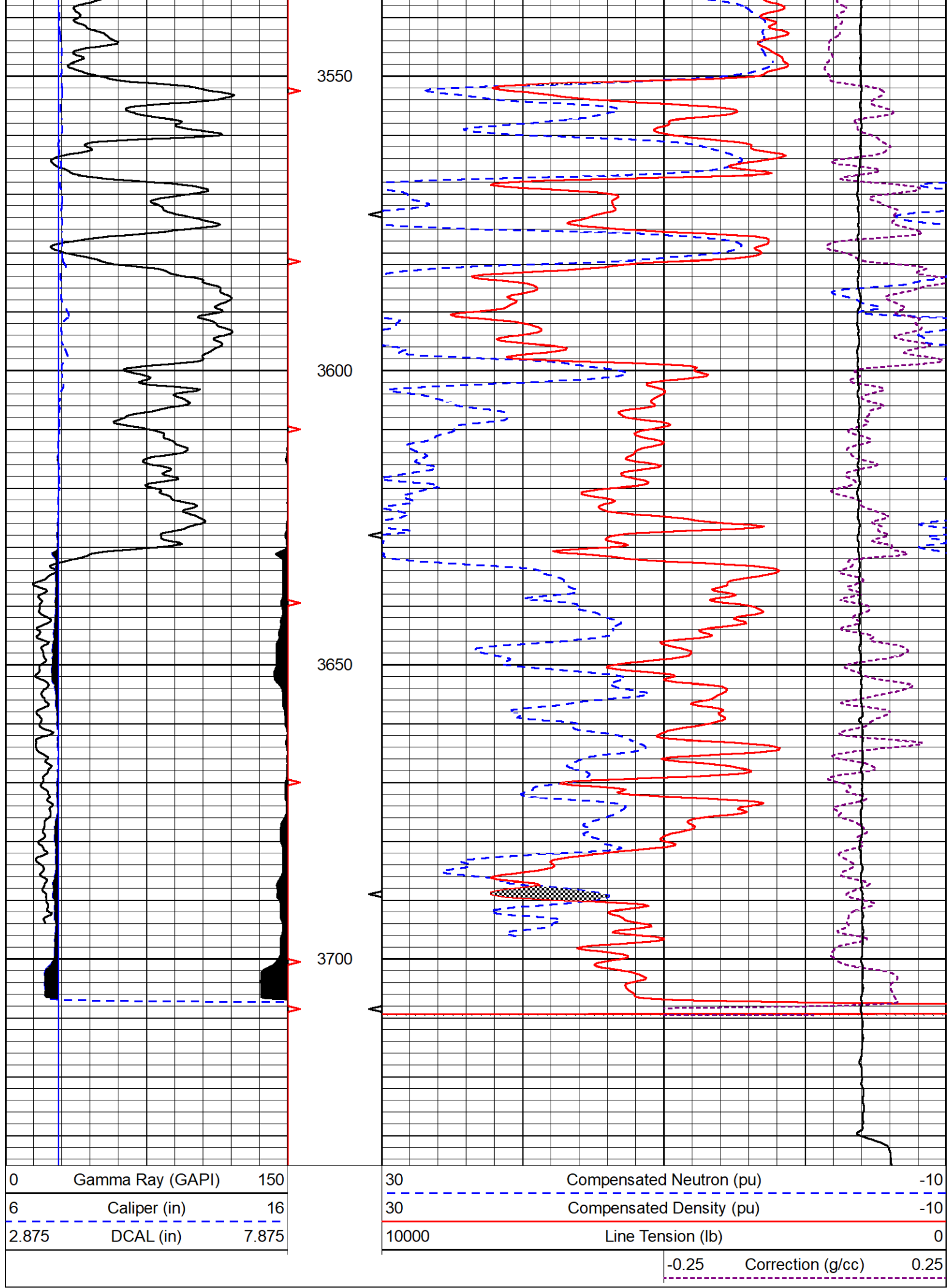
REPEAT SECTION

REPEAT PASS

Database File tdi_jerome 2.db
 Dataset Pathname stkml/pass2.13
 Presentation Format _CNDLS~1
 Dataset Creation Tue Oct 04 22:10:09 2022
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	30	Compensated Neutron (pu)	-10
6	Caliper (in)	16	30	Compensated Density (pu)	-10
2.875	DCAL (in)	7.875	10000	Line Tension (lb)	0
			-0.25	Correction (g/cc)	0.25





Calibration Report							
Database File	tdi_jerome 2.db						
Dataset Pathname	stkml/pass3.15						
Dataset Creation	Tue Oct 04 22:08:41 2022						
Dual Induction Calibration Report							
Serial-Model:				501 HT-M&W			
Surface Cal Performed:				Thu Sep 22 17:20:27 2022			
		Readings		References		Results	
Loop:	Air	Loop		Air	Loop	m	b
Deep	83.639	487.104		0.000	183.000 mmho/m	0.455	-37.000
Medium	113.335	1585.690		0.000	442.000 mmho/m	0.305	-32.000
Microlog Calibration Report							
Serial-Model:				401-PSIML			
Performed:				Mon Jun 27 17:53:09 2022			
		Readings		References		Results	
	Zero	Cal		Zero	Cal	m	b
Normal	0.0000	1.0000		0.0000	1.0000 Ohm-m	17000.0000	-0.6500
Inverse	0.0000	1.0000		0.0000	1.0000 Ohm-m	21000.0000	-0.5000
Caliper	1.0052	1.0858		5.0000	16.5000 in	142.7190	-141.4000
Compensated Density Calibration Report							
Serial-Model:				307-11-M&W			
Source #:				20762B			
Master Calibration Performed:				Sat Aug 27 10:20:16 2022			
Master Calibration							
		Density		Far Detector		Near Detector	
Magnesium	1.755	g/cc		3600.52	4768.22	cps	
Aluminum	2.670	g/cc		693.98	3106.20	cps	
Spine Angle = 75.41				Density/Spine Ratio = 0.538			
		Size		Reading			
Small Ring	6.00	in		1.16			
Large Ring	18.00	in		1.01			
Compensated Neutron Calibration Report							
Serial Number:				207-MW			
Tool Model:				M&W			
CALIBRATION							
Detector		Readings		Target		Normalization	
Short Space		6240.00	cps	1000.00	cps	1.6025	
Long Space		460.00	cps	1000.00	cps	1.9500	

PRE-SURVEY VERIFICATION

	Detector	Readings	Measured	Target
1)	Short Space Long Space	cps cps	pu	pu
2)	Short Space Long Space	cps cps	pu	
3)	Short Space Long Space	cps cps	pu	

POST-SURVEY VERIFICATION

	Detector	Readings	Measured	Target
1)	Short Space Long Space	cps cps	pu	pu
2)	Short Space Long Space	cps cps	pu	pu
3)	Short Space Long Space	cps cps	pu	pu

Gamma Ray Calibration Report

Serial Number:	106	
Tool Model:	M&W	
Performed:	Fri Dec 3 15:10:46 2021	
Calibrator Value:	500.0	GAPI
Background Reading:	24.0	cps
Calibrator Reading:	637.0	cps
Sensitivity:	0.5500	GAPI/cps



Company	TDI, Inc.
Well	Jerome #2
Field	Ruder
County	Ellis
State	Kansas