



MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company Landmark Resources, Inc.
Well Godfrey-Wessel Unit #1-32
Field Godfrey
County Sheridan State Kansas

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State Kansas

Location: API #: 15-179-21488-00-00
1875 FNL & 269 FWL
SEC 32 TWP 6S RGE 28W
Permanent Datum Ground Level Elevation 2780
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
DIL/MEL
BHCS
Elevation
K.B. 2785
D.F.
G.L. 2780

Date 8/27/2022

Run Number One
Type Log CNL/CDL
Depth Driller 4540
Depth Logger 4539
Bottom Logged Interval 4510
Top Logged Interval 3400
Type Fluid In Hole Chemical
Salinity, PPM CL 4400
Density 9.3
Level Full
Max. Rec. Temp. F 121
Operating Rig Time 5 Hours
Equipment -- Location 24 Hays
Recorded By D. Schmidt
Witnessed By Terry McLeod

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	0	306	8.625	23	0	306
Two	7.875	306	TD				

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Hoxie,
North to Rd 110, 2 West, 1 1/3 South,
East into

Log Measured From: Kelly Bushing 5 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: Terry McLeod
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\landmark_wessel unit 1-32.db
Dataset field/well/stkml/pass3.11/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	121	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m	mmho/m	mV	degF	Off	ft
		0	0	35	80		4539

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



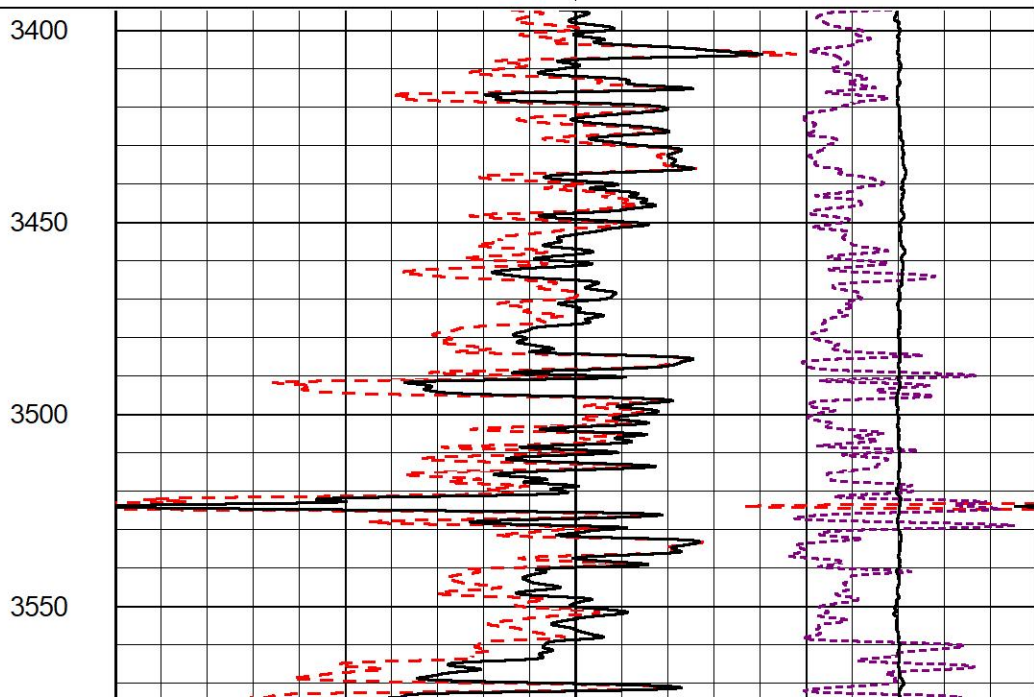
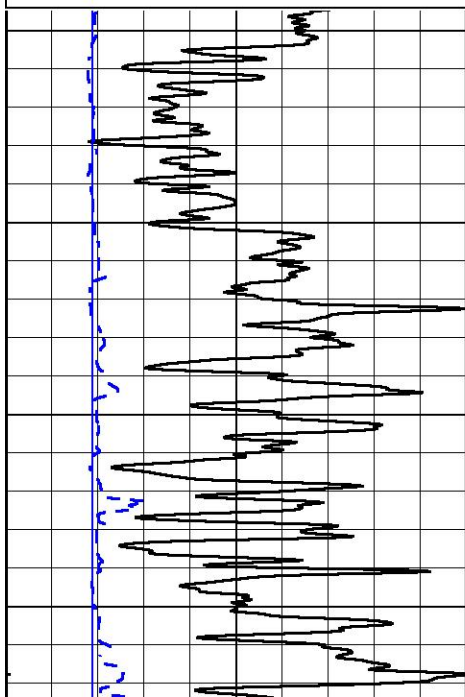
2" SCALE BULK DENSITY

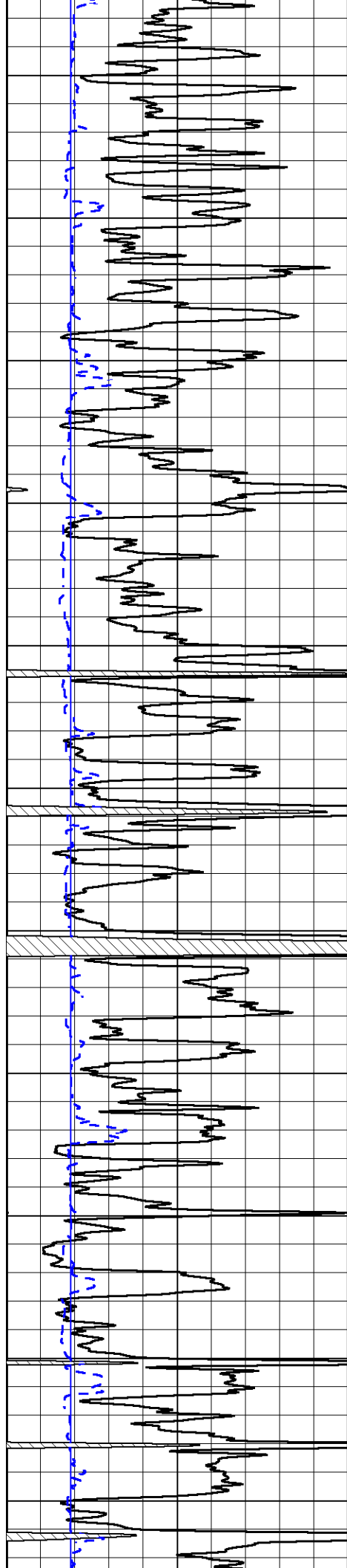
MAIN PASS

Database File landmark_wessel unit 1-32.db
Dataset Pathname stkml/pass3.2
Presentation Format _cdl
Dataset Creation Sat Aug 27 14:11:41 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





3600

3650

3700

3750

3800

3850

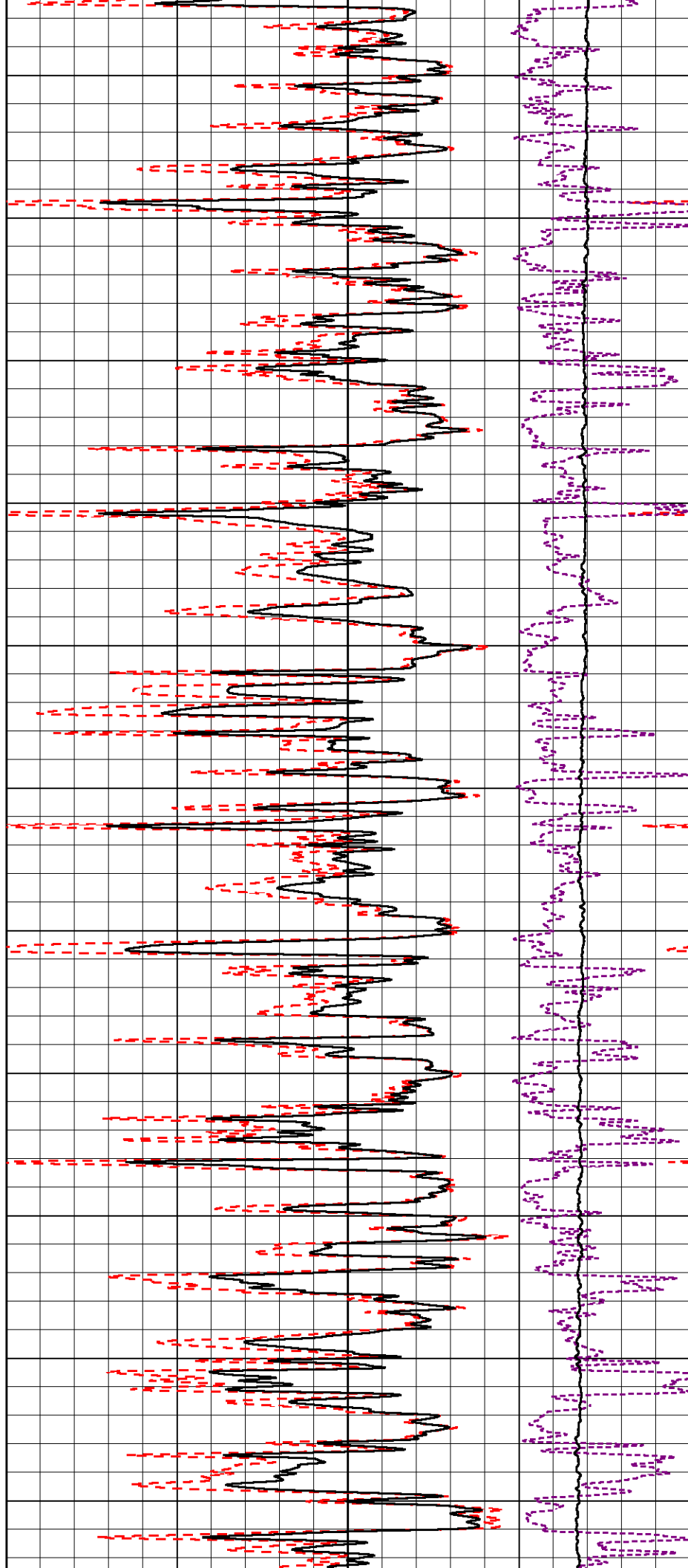
3900

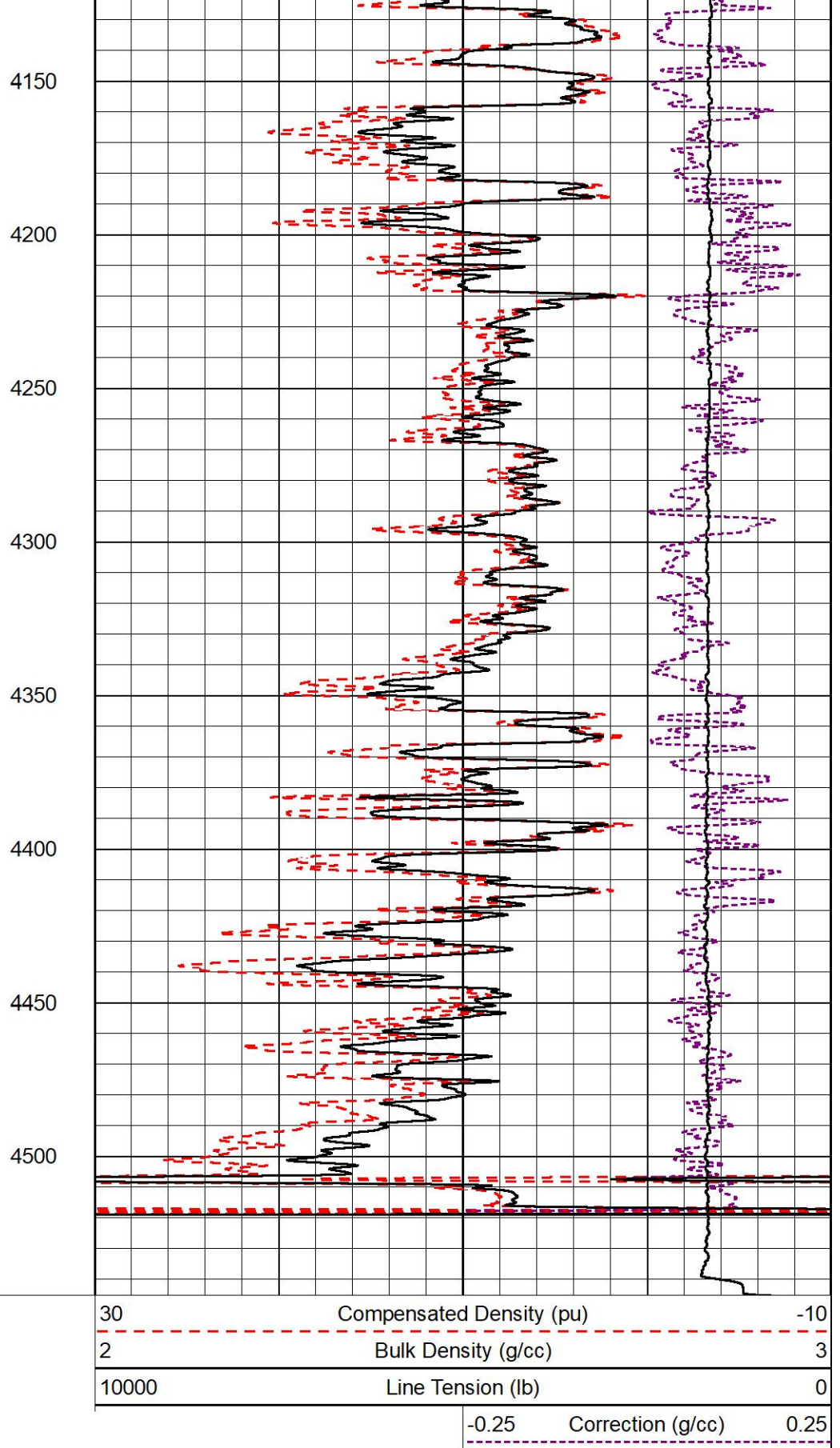
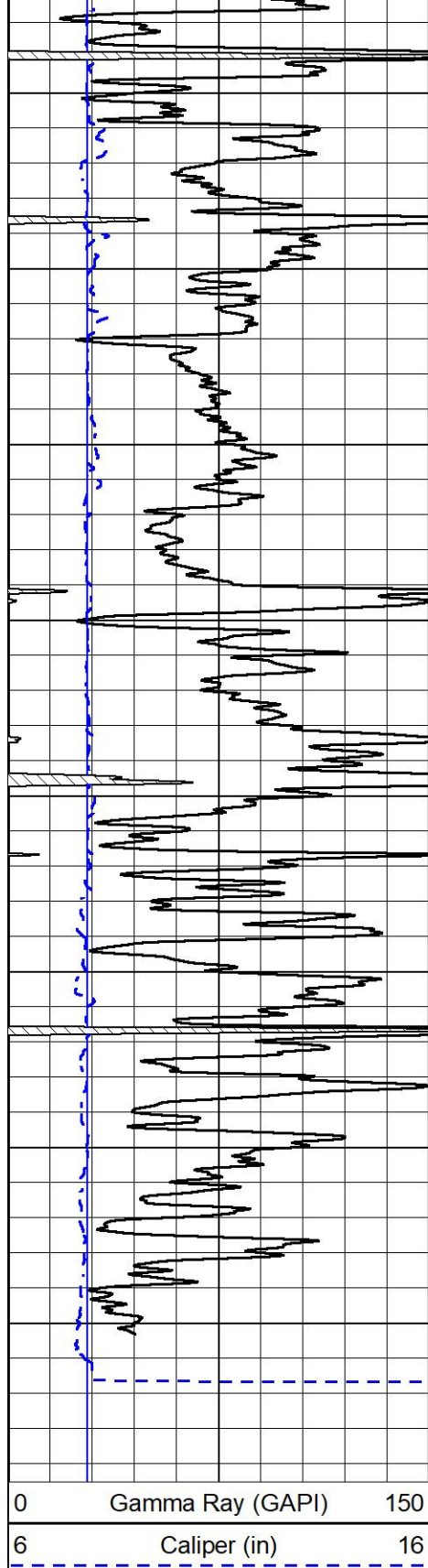
3950

4000

4050

4100



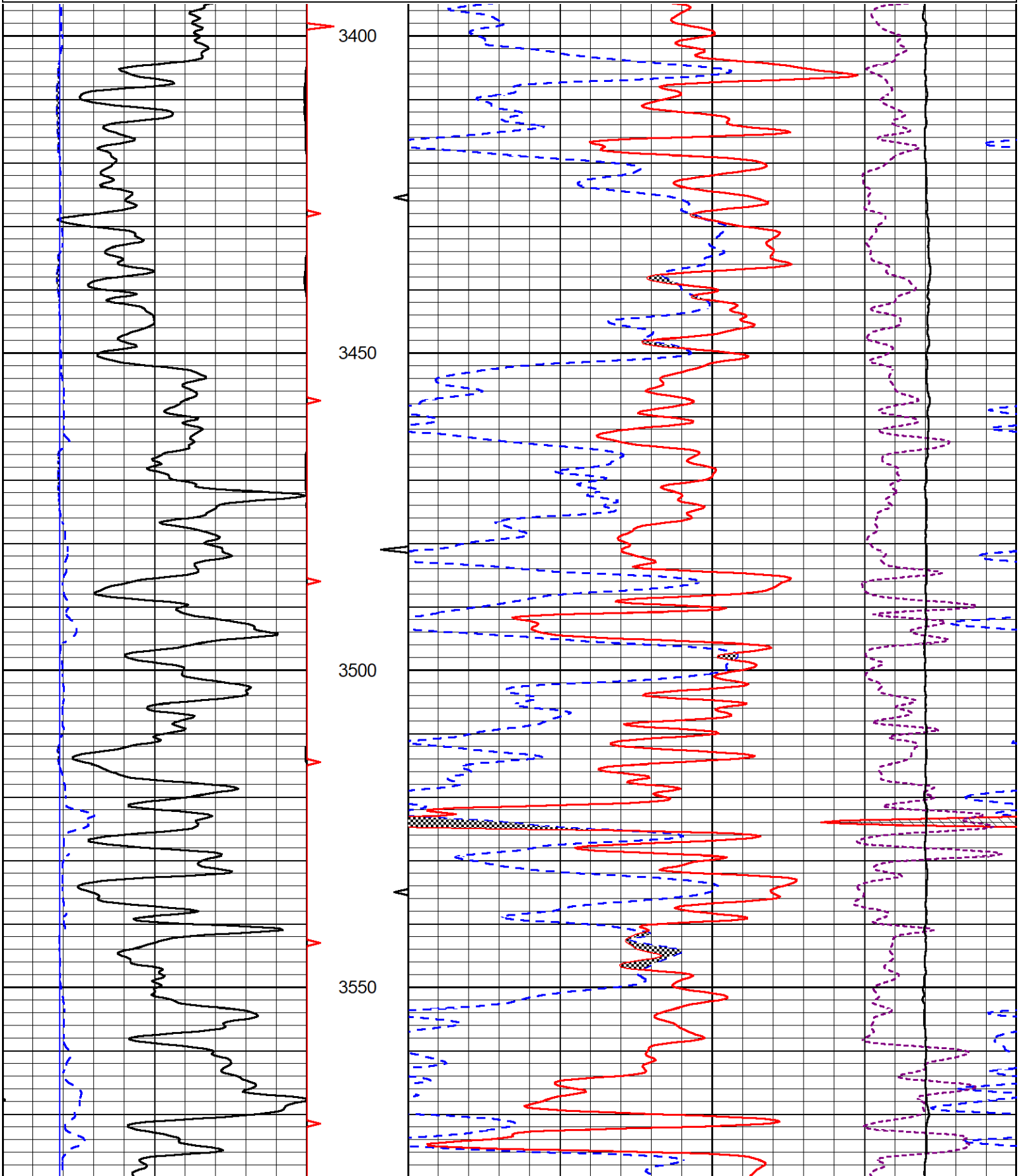


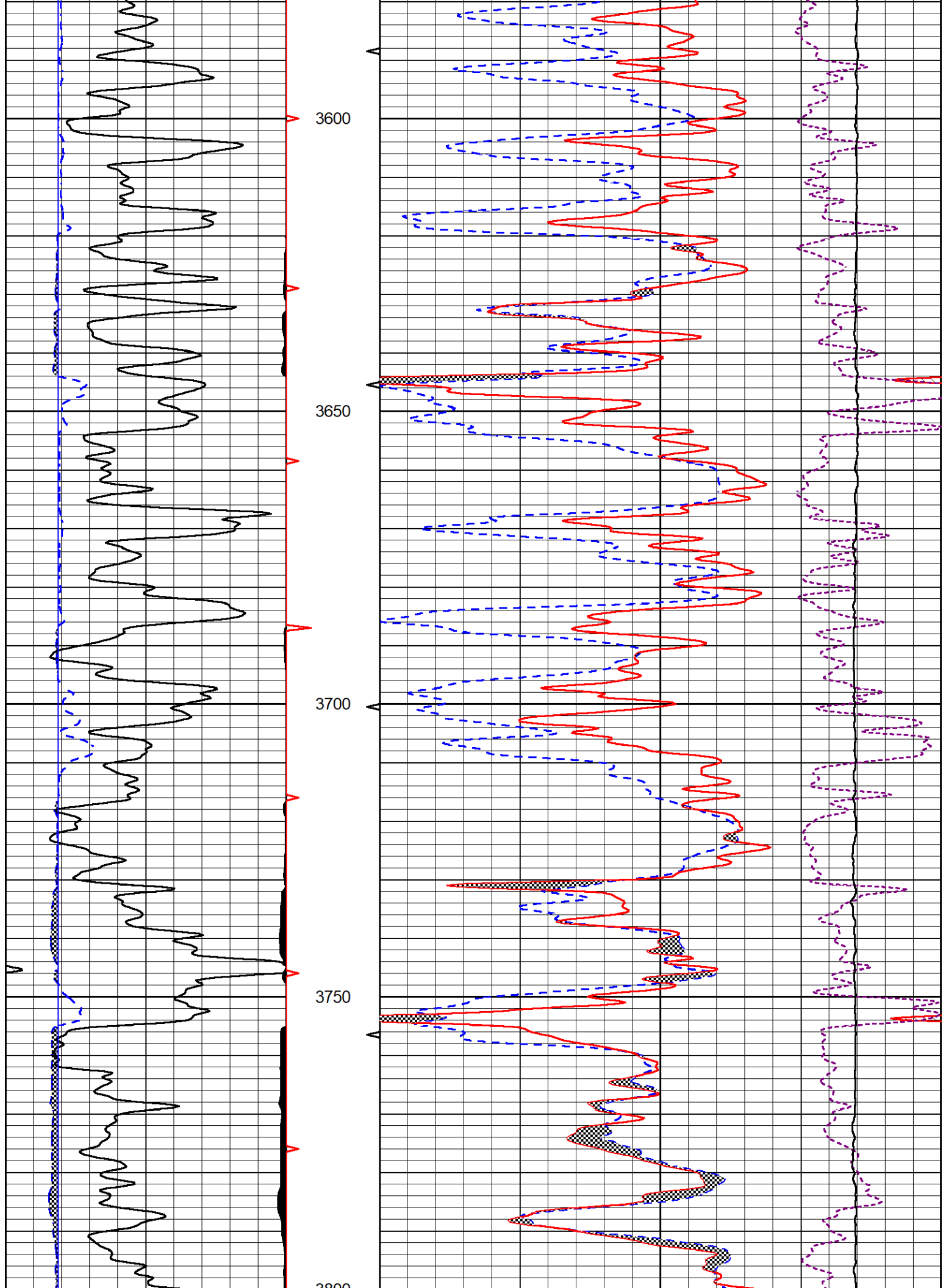
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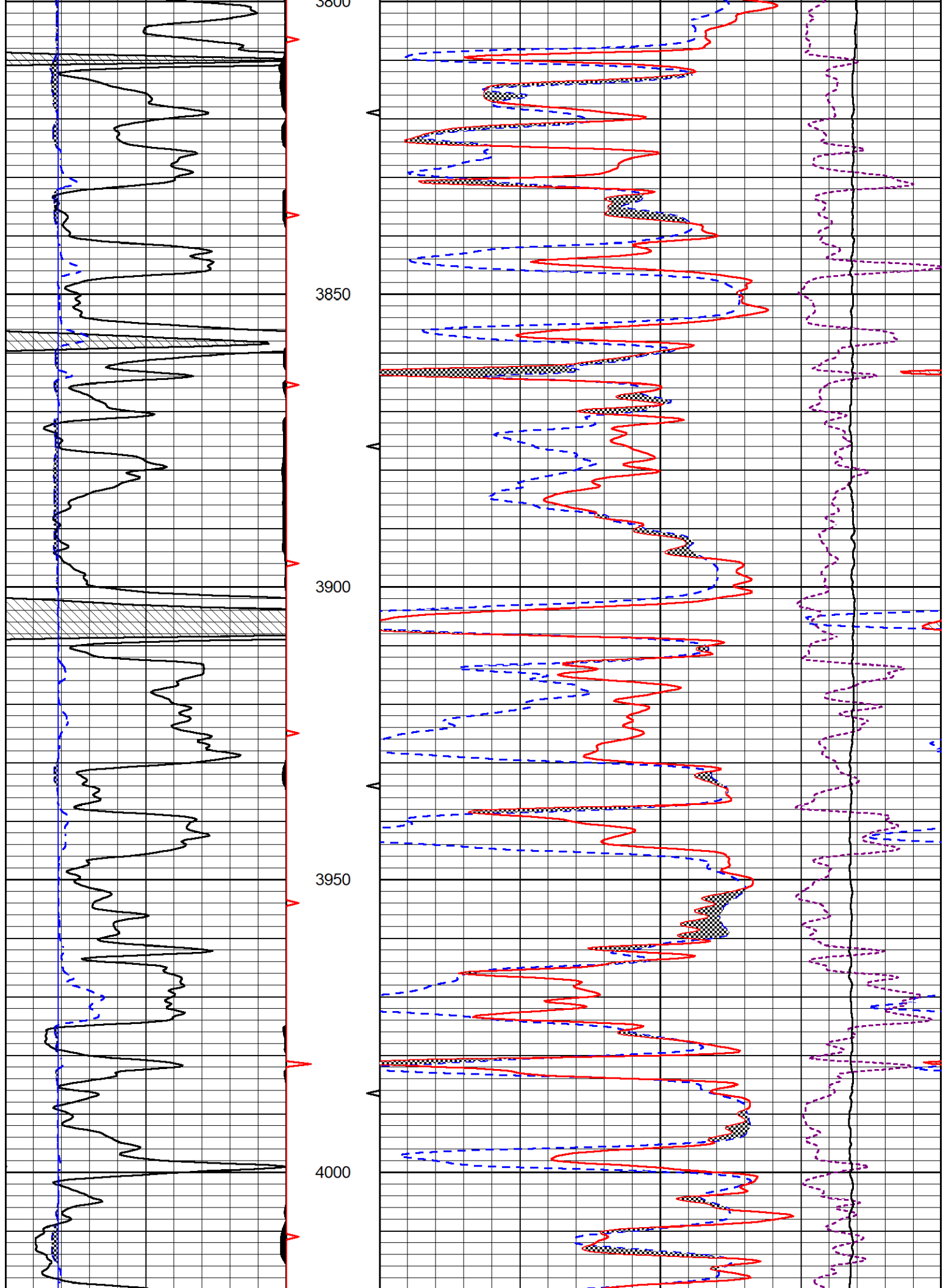
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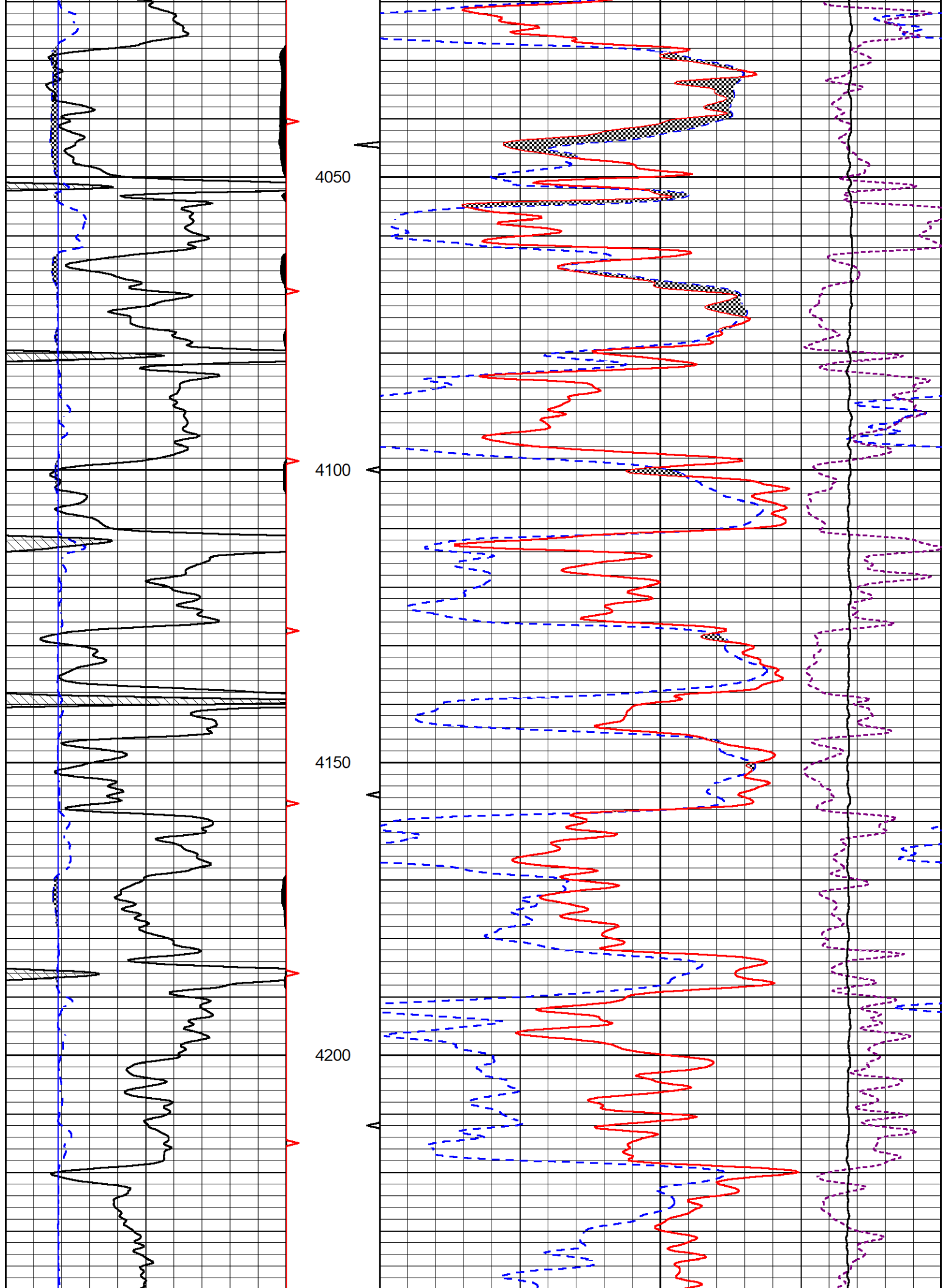
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6	Caliper (in)	16

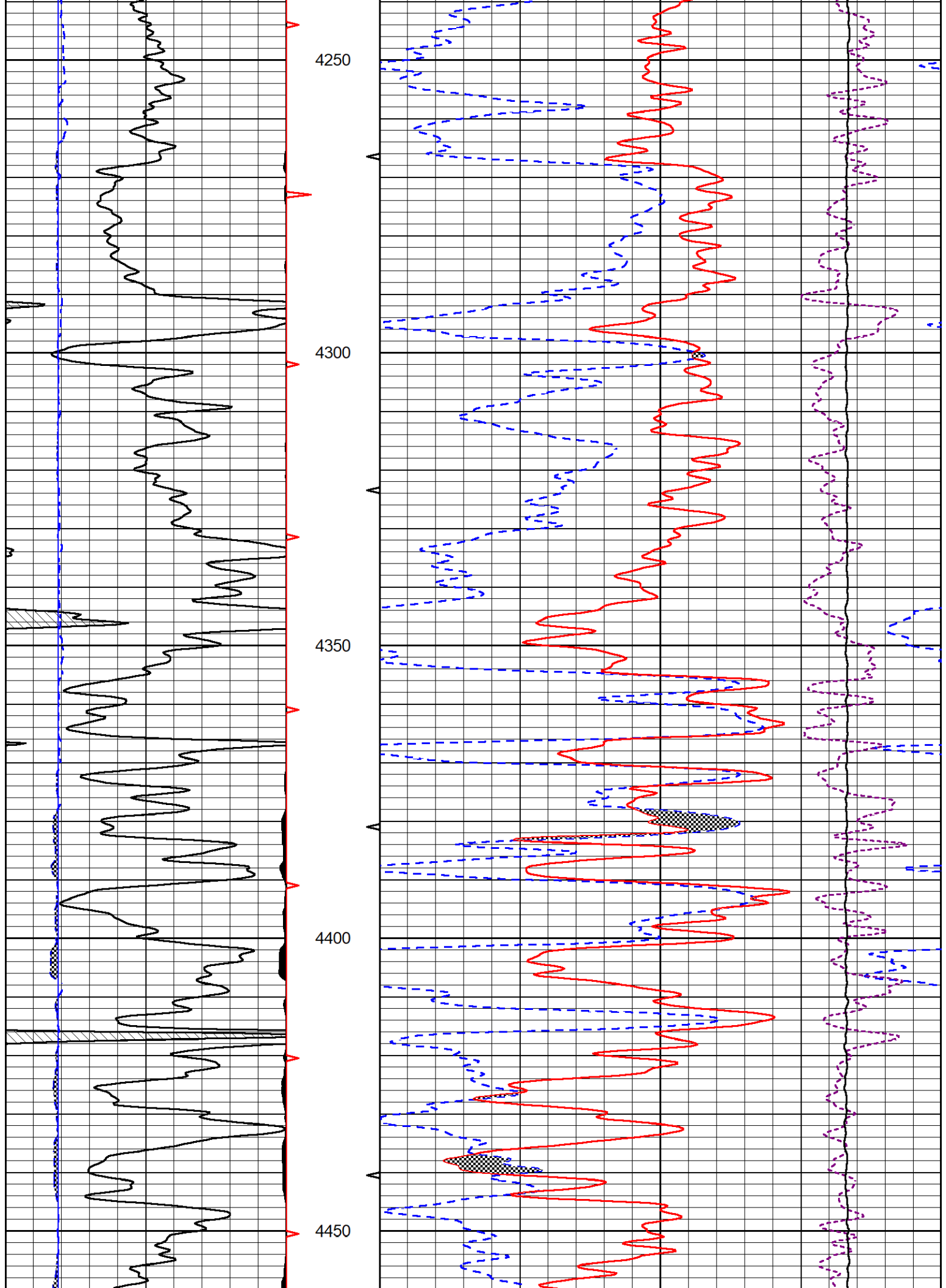
30	Compensated Neutron (pu)	-10
30	Compensated Density (pu)	-10
10000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25

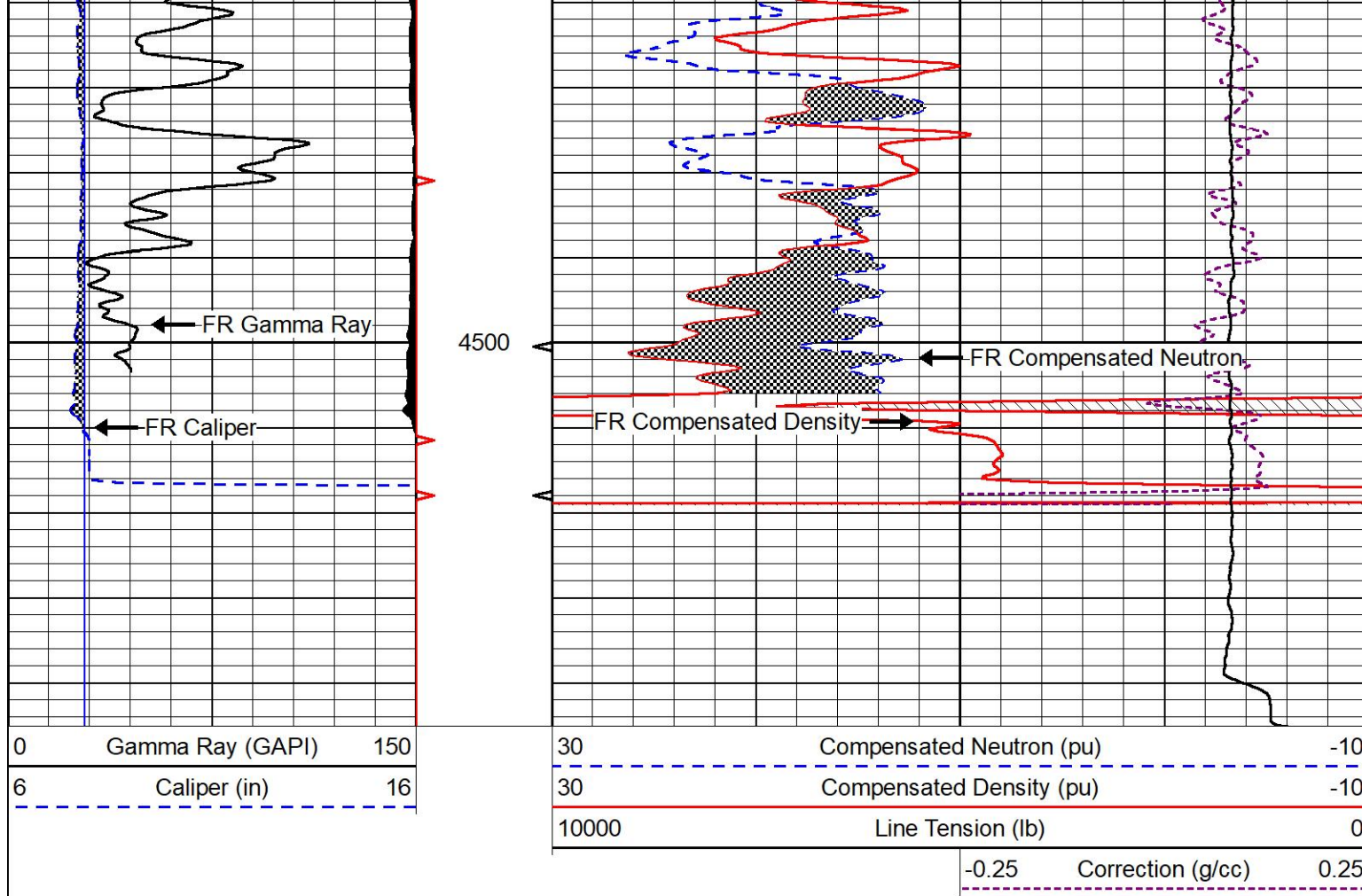












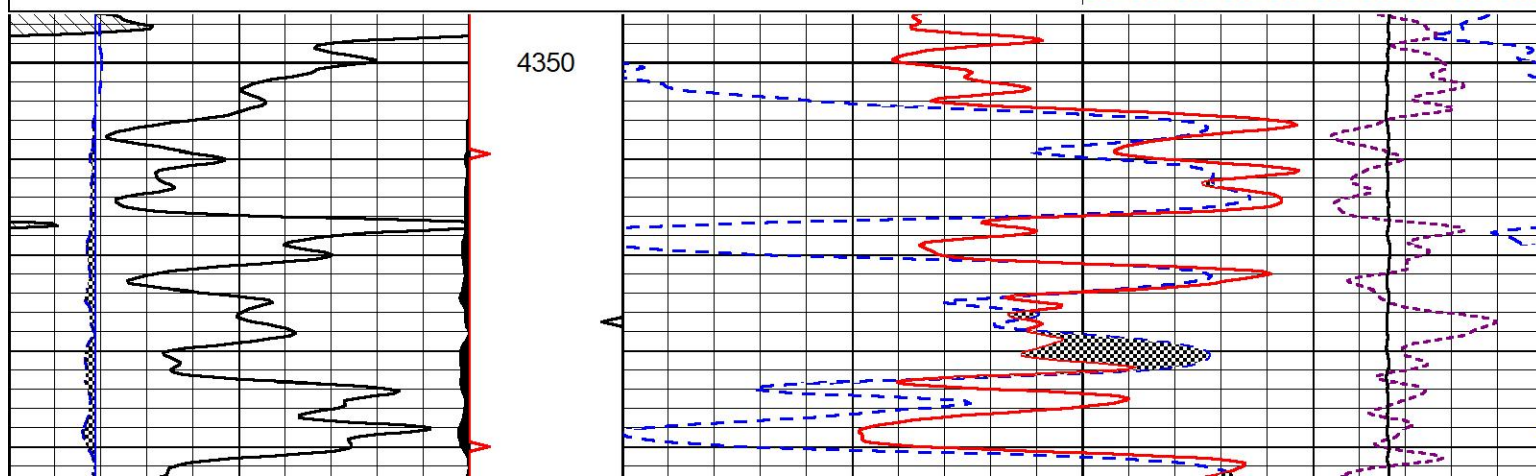
MIDWEST WIRELINE

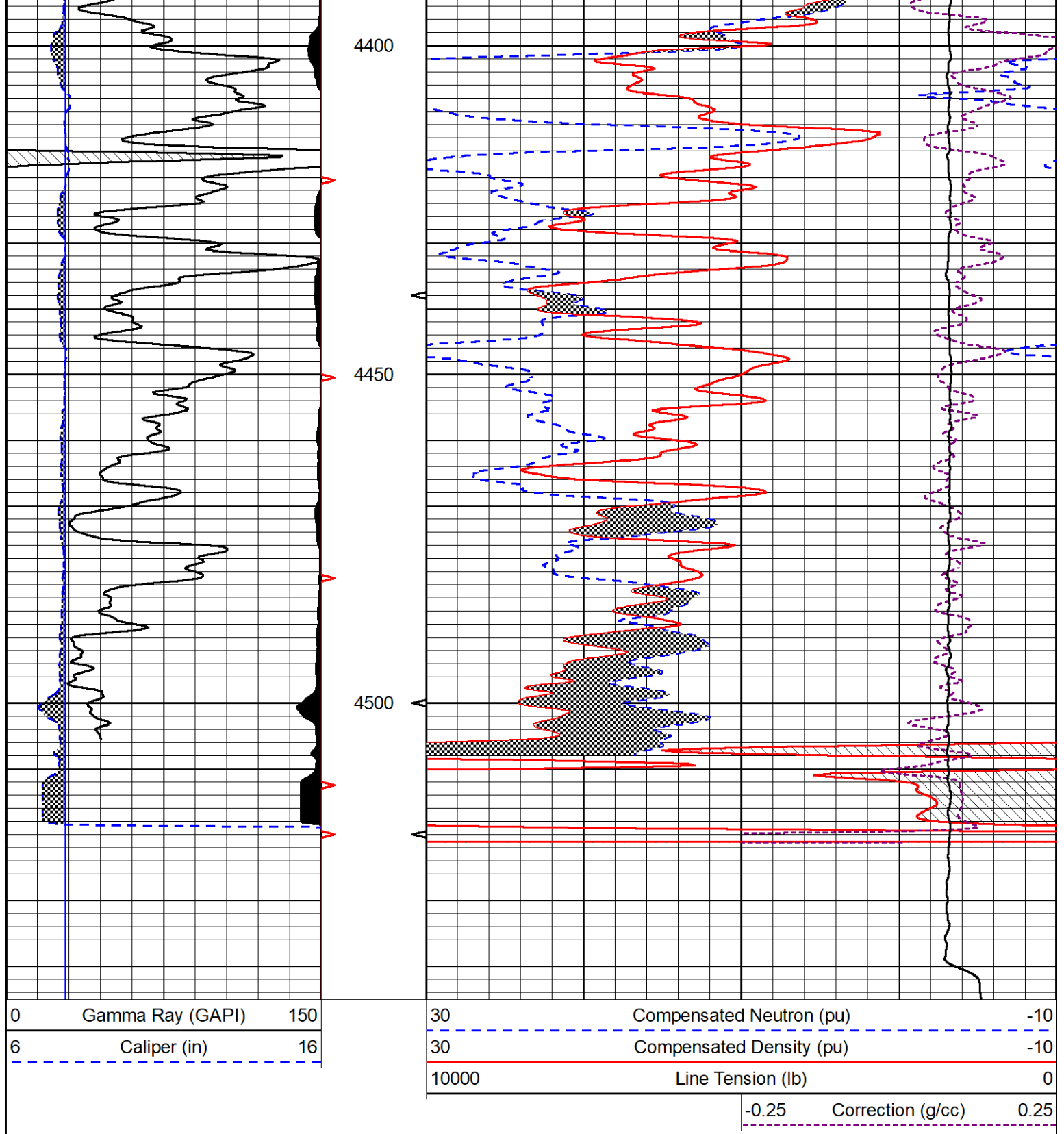
REPEAT SECTION

REPEAT PASS

Database File landmark_wessel unit 1-32.db
 Dataset Pathname stkml/pass2.1
 Presentation Format _CNDLS~1
 Dataset Creation Sat Aug 27 13:30:51 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
			10000	Line Tension (lb)	0
			-0.25	Correction (g/cc)	0.25





Calibration Report

Database File landmark_wessel unit 1-32.db
Dataset Pathname stkml/pass3.11
Dataset Creation Sat Aug 27 13:16:03 2022

Dual Induction Calibration Report

Serial-Model: 501 HT-M&W
Surface Cal Performed: Sat Apr 30 02:12:10 2022

Readings

References

Results

	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	Landmark Resources, Inc.
Well	Godfrey-Wessel Unit #1-32
Field	Godfrey
County	Sheridan
State	Kansas