

MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company Ressler Well Service, Inc.
Well Myers #12
Field Burrton
County Reno State Kansas

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Well Myers #12
Field Burrton
County Reno
State Kansas

Location: API #: 15-155-21800-00-00
495 FNL & 1650 FWL
SEC 12 TWP 23S RGE 4W
Permanent Datum Ground Level Elevation 1472
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing
Other Services
DIL
K.B. 1484
D.F. G.L. 1472

Date 5/17/2024

Run Number	One
Type Log	CNL/CDL
Depth Driller	3520
Depth Logger	3520
Bottom Logged Interval	3499
Top Logged Interval	2300
Type Fluid In Hole	Chemical
Salinity, PPM CL	1800
Density	9.4
Level	Full
Max. Rec. Temp. F	111
Operating Rig Time	2 Hours
Equipment -- Location	110 HAYS
Recorded By	D. Schmidt
Witnessed By	Larry Ressler

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
One	17.5	0	305	13.375	48	0	305
Two	7.875	305	TD				

<<< Fold Here >>>

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

Burrton,
West to Rayl Rd,
3 South, 1/2 West, South then West into

Log Measured From: Kelly Bushing 12 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: Larry Ressler
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\ressler_meyers 12.db
Dataset field/well/stack/pass3.12/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	111	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m	mmho/m	mV	degF	Off	ft
		5	2	94	80		3520

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



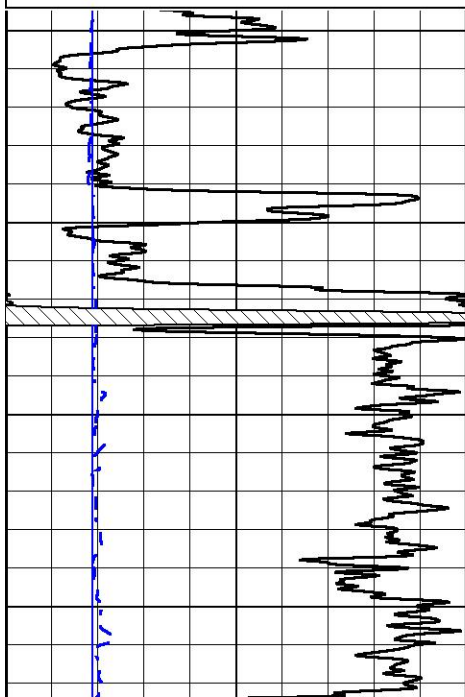
2" SCALE BULK DENSITY

MAIN PASS

Database File ressler_meyers 12.db
Dataset Pathname stack/pass3.2
Presentation Format _cdl
Dataset Creation Fri May 17 12:36:08 2024
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
15000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25

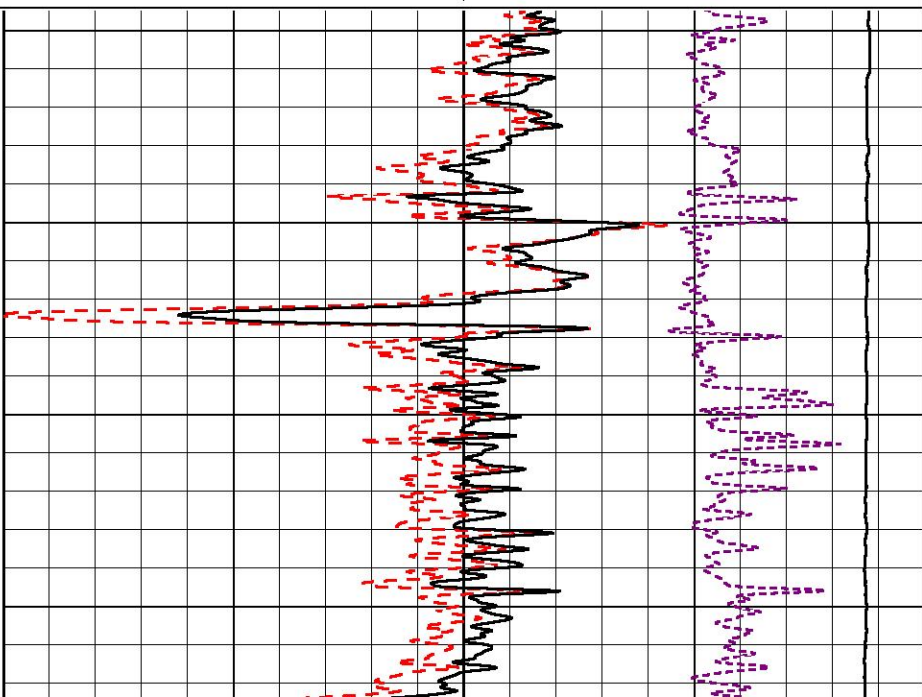


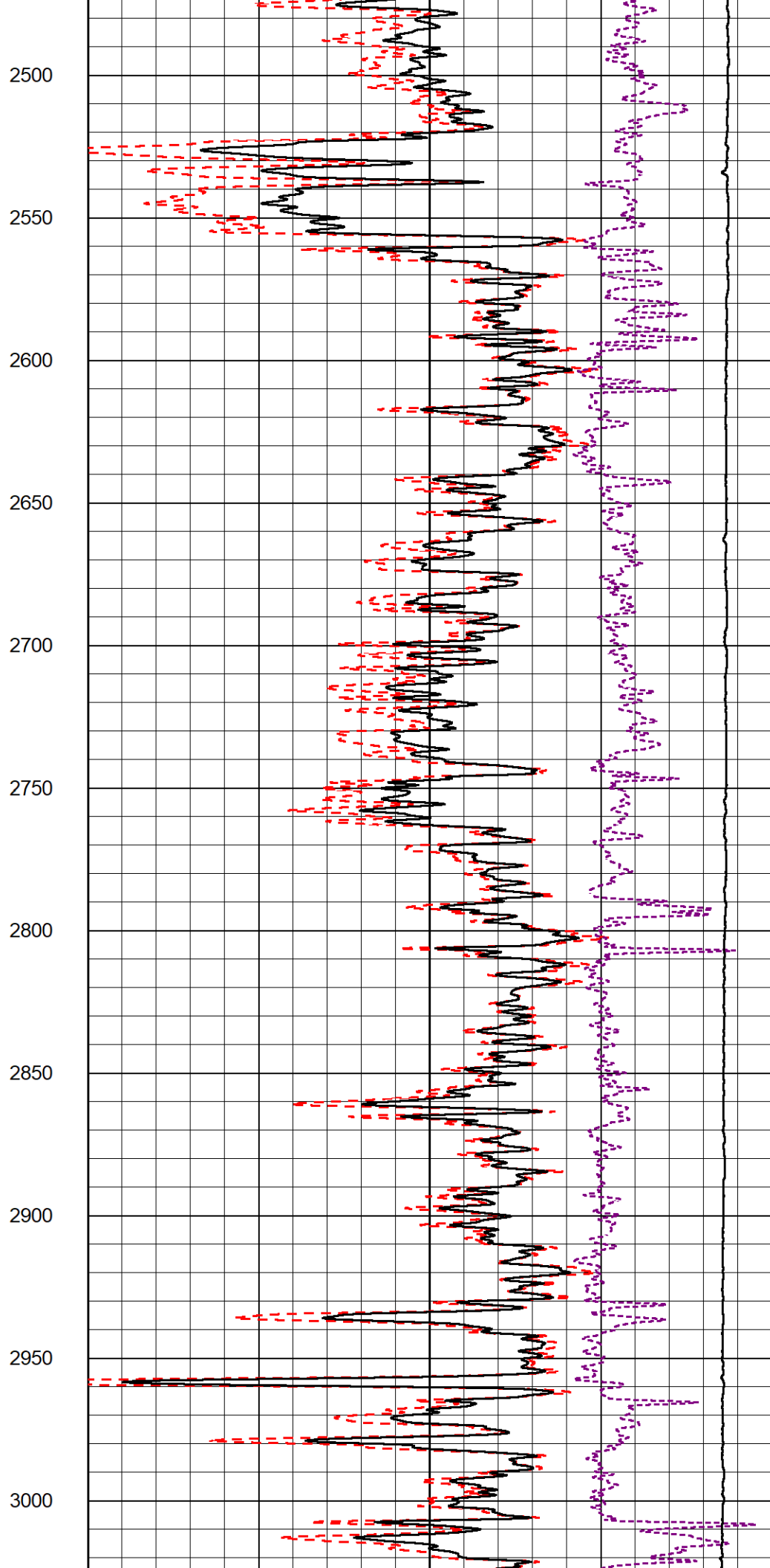
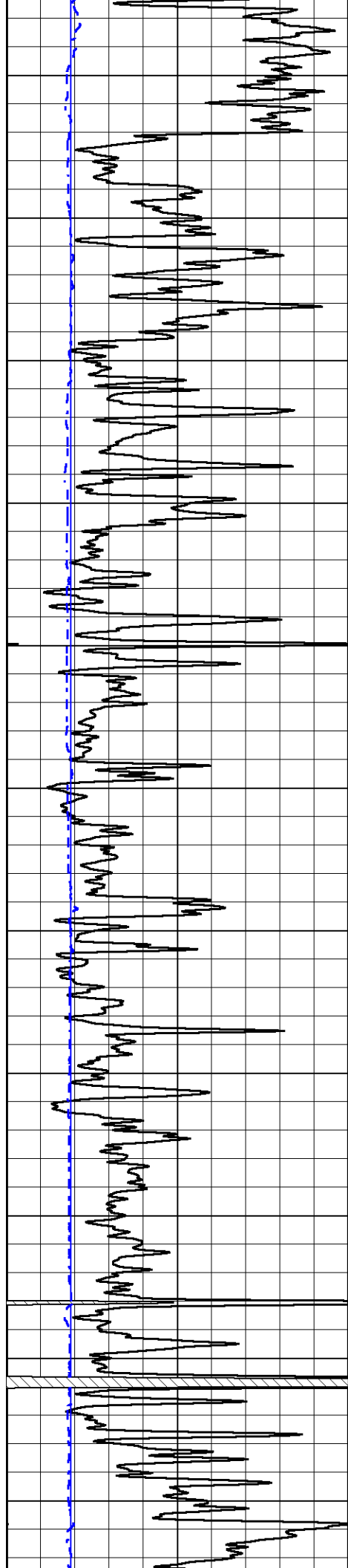
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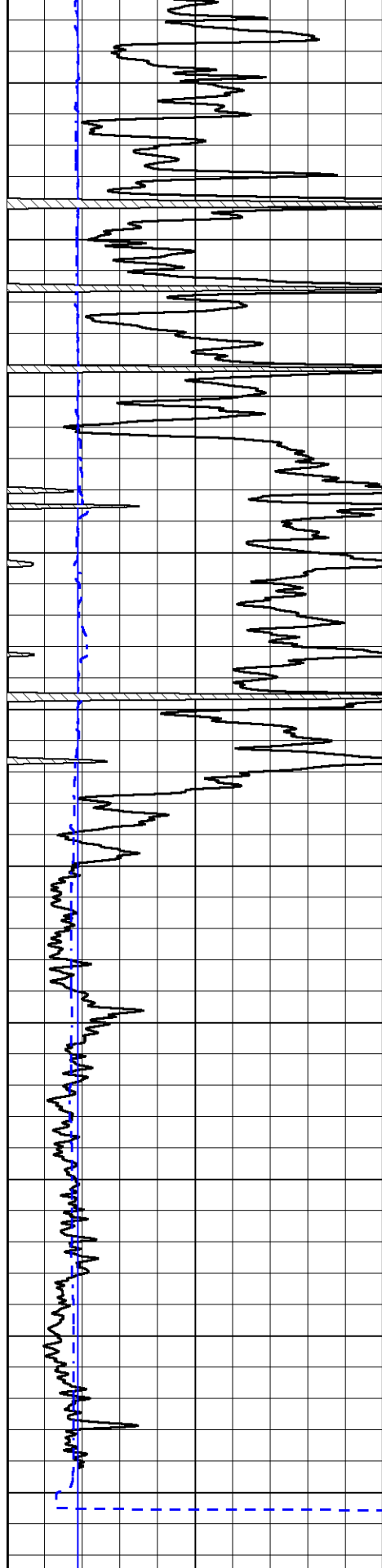
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2400

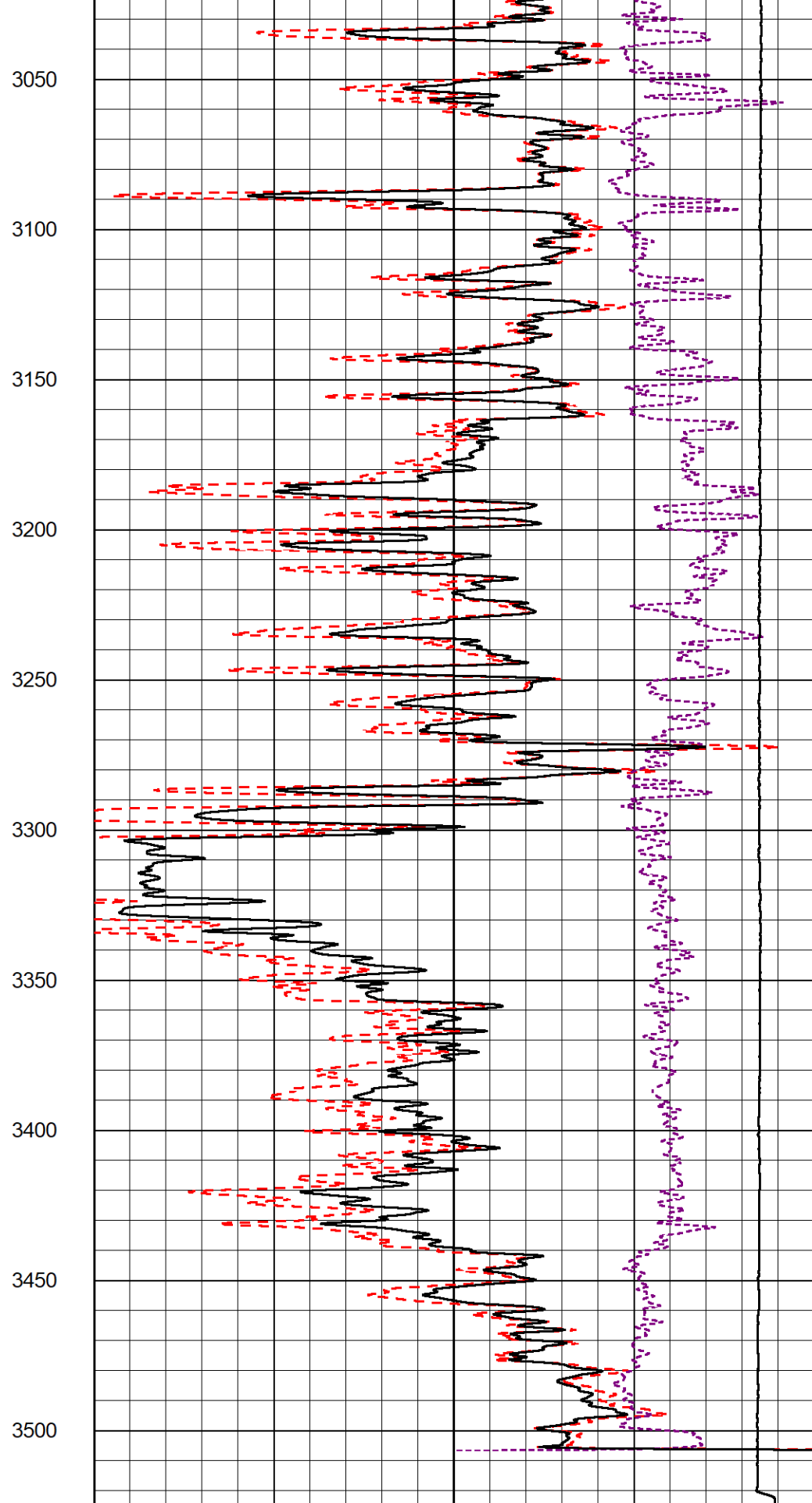
2450







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



30 Compensated Density (pu) -10
2 Bulk Density (g/cc) 3
15000 Line Tension (lb) 0

-0.25 Correction (g/cc) 0.25



MIDWEST WIRELINE

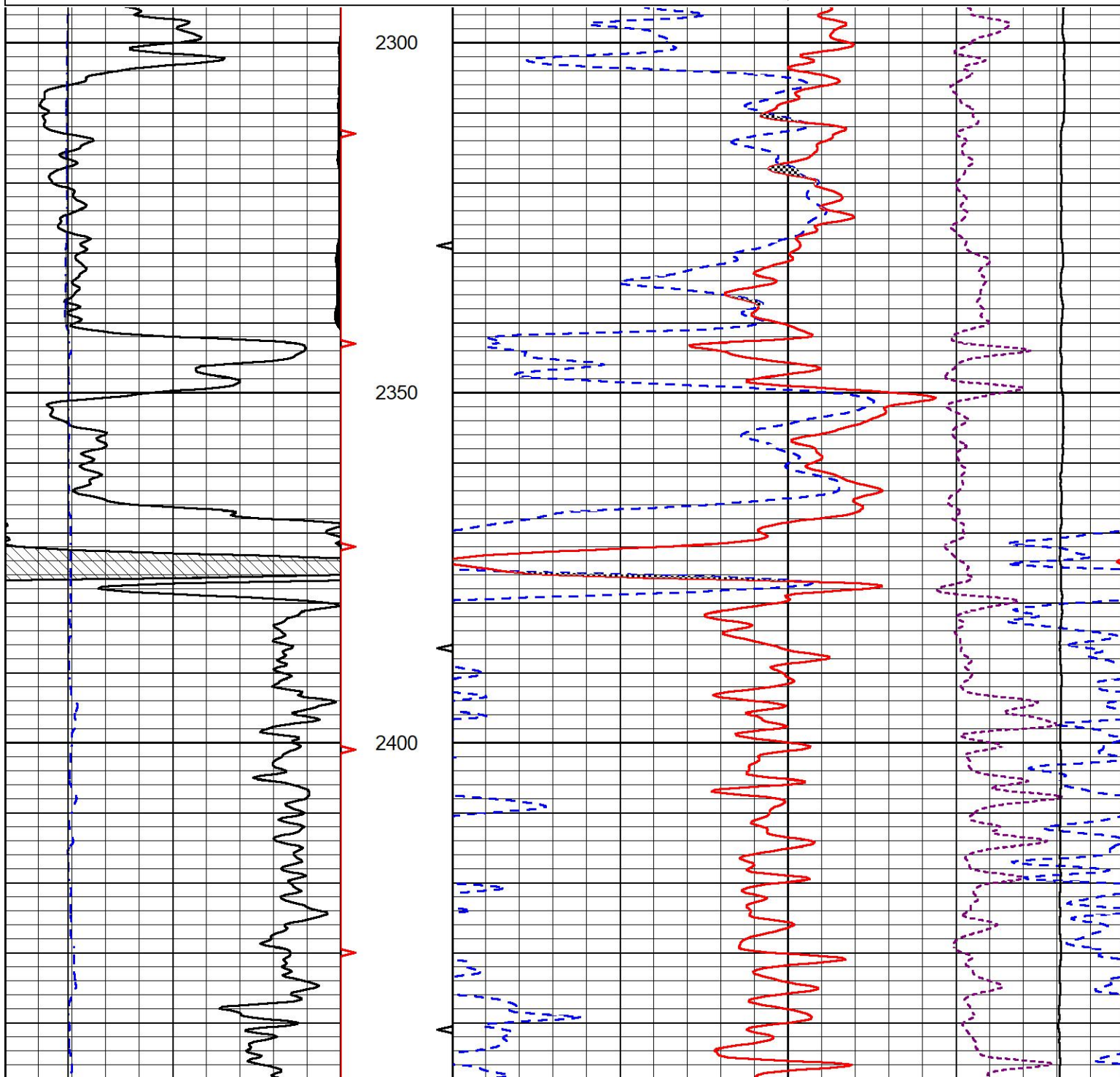
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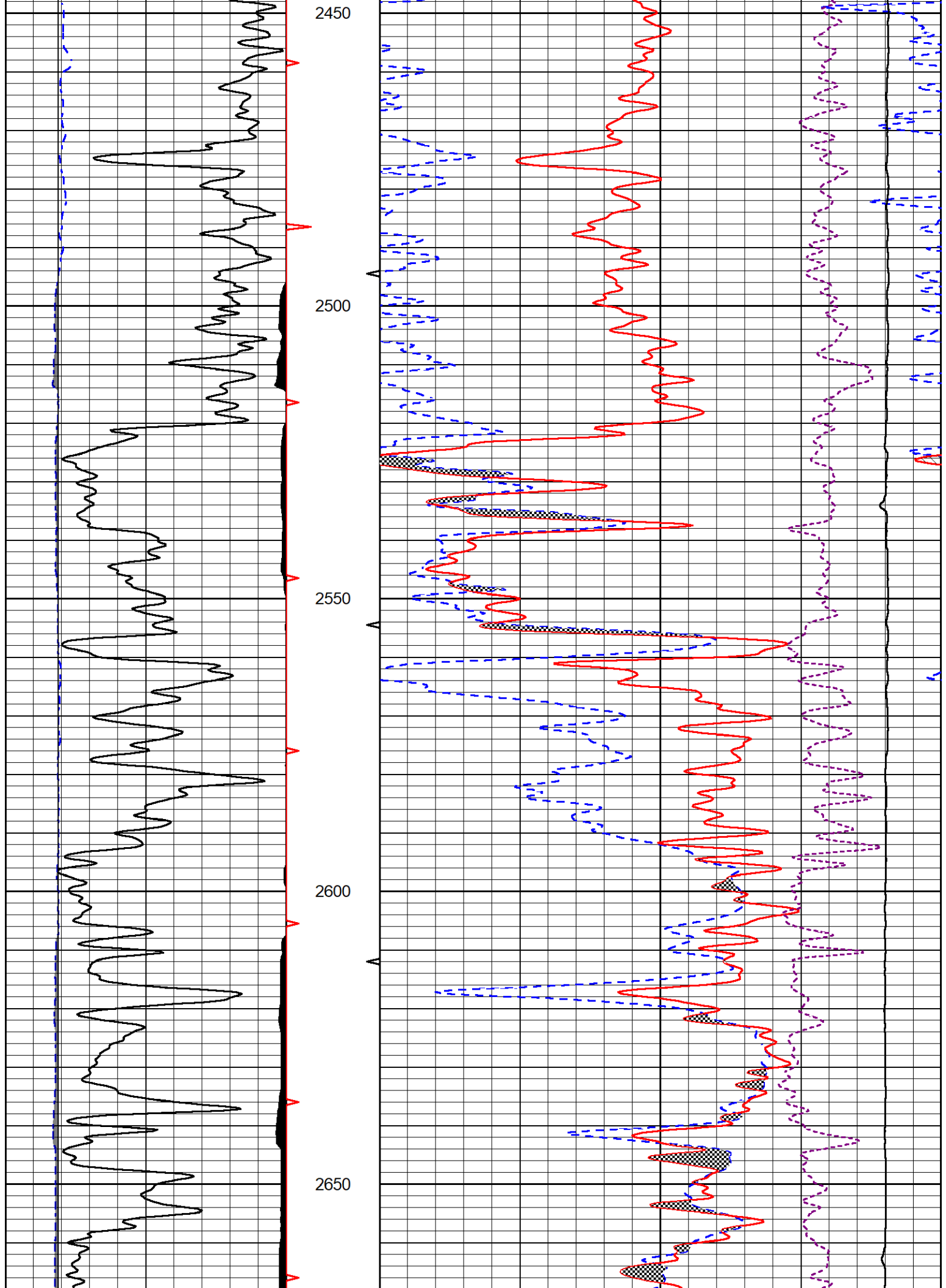
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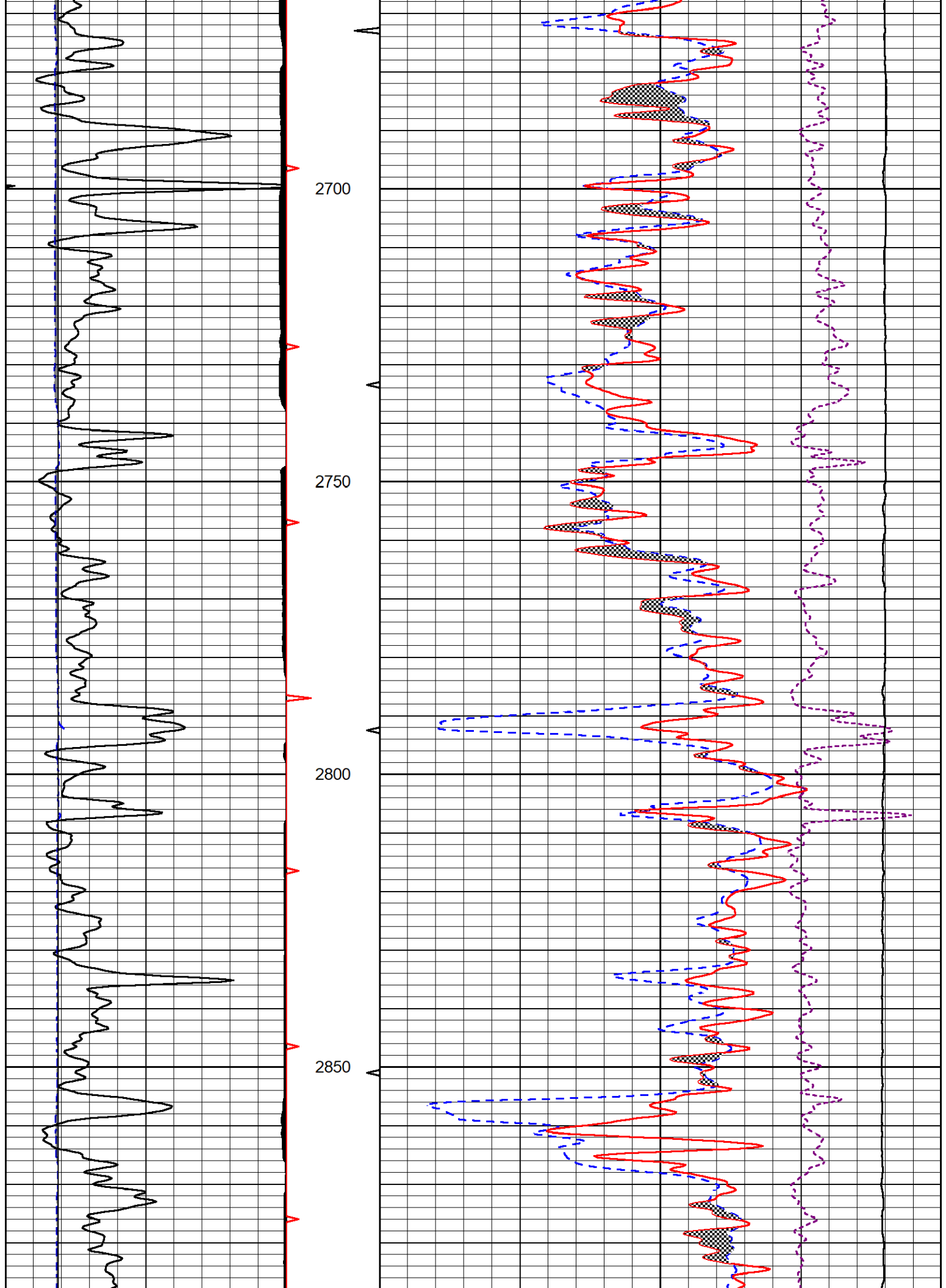
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Dataset Pathname stack/pass3.12
Presentation Format _CNDLS~1
Dataset Creation Fri May 17 12:35:11 2024
Charted by Depth in Feet scaled 1:240

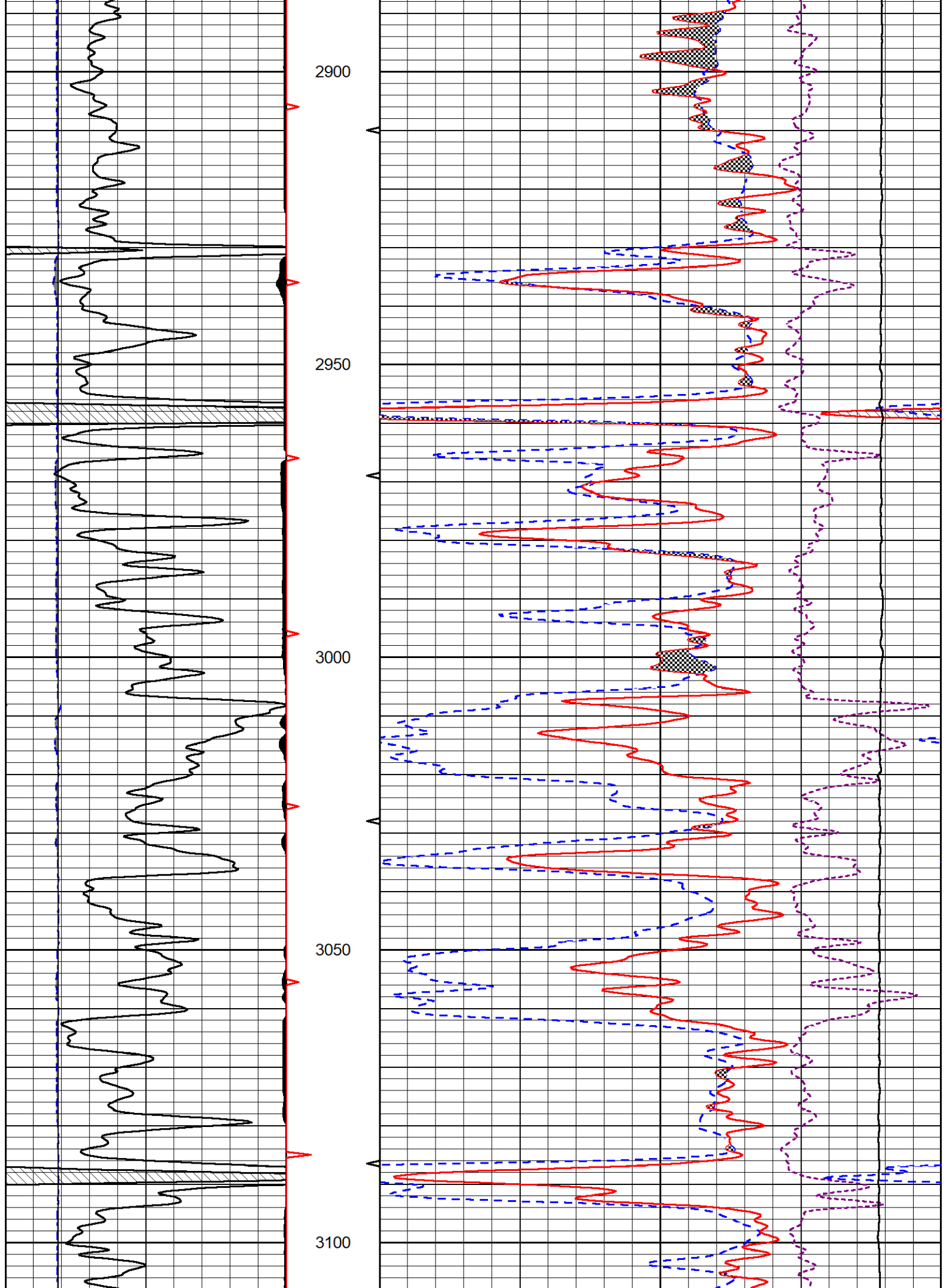
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6	Caliper (in)	16

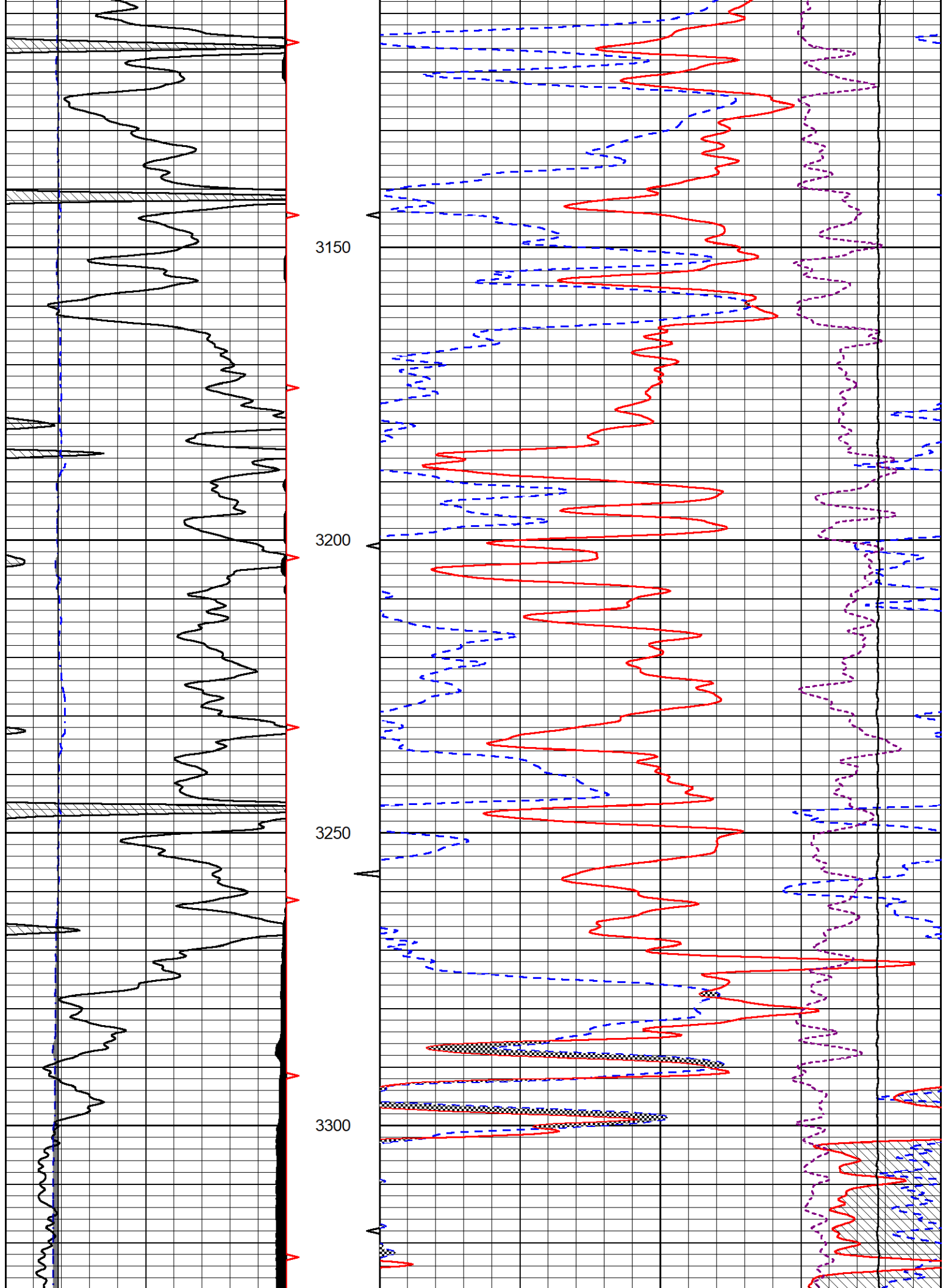
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30	Compensated Density (pu)	-10
10000	Line Tension (lb)	0
	-0.25 Correction (g/cc)	0.25

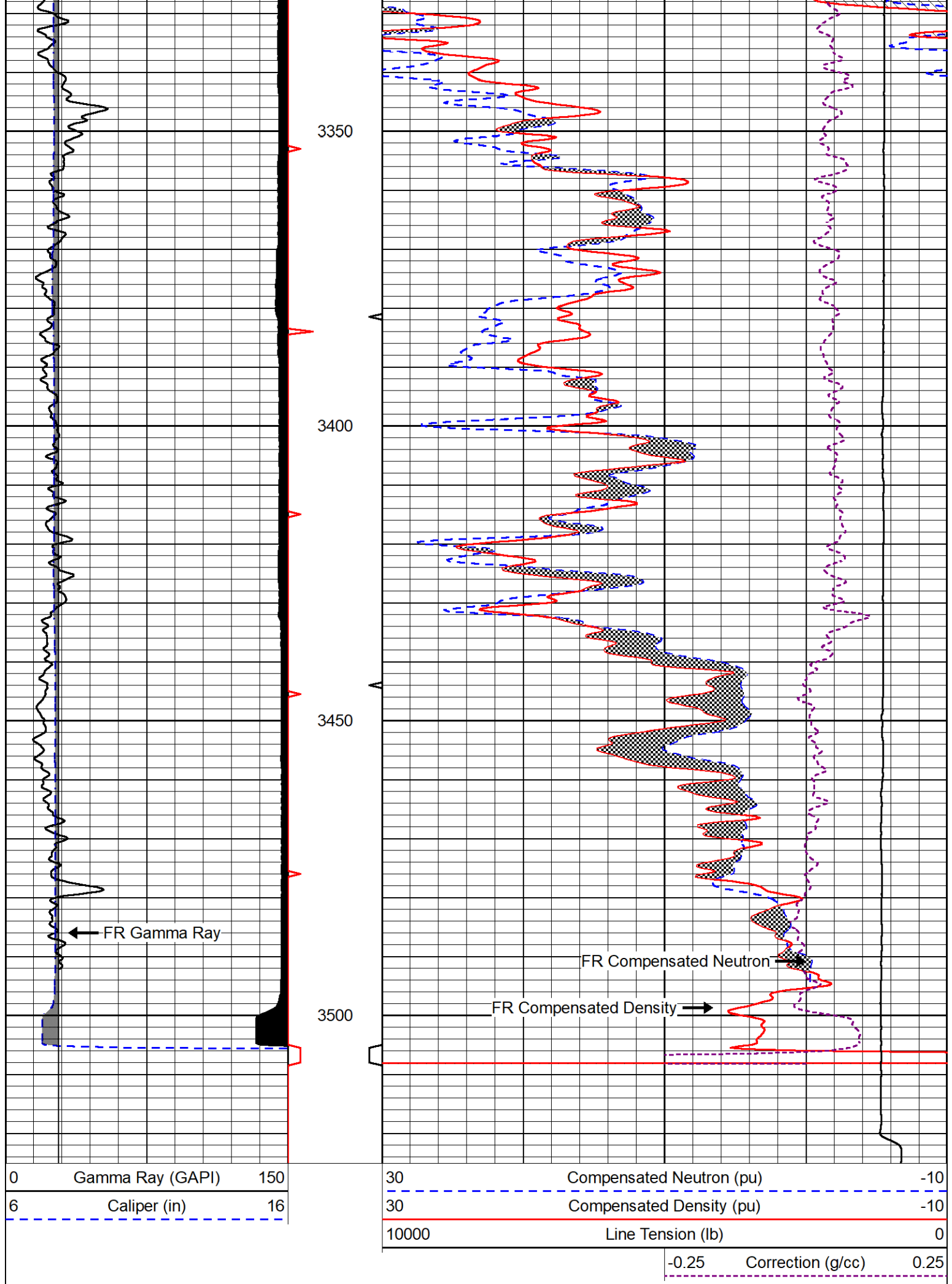












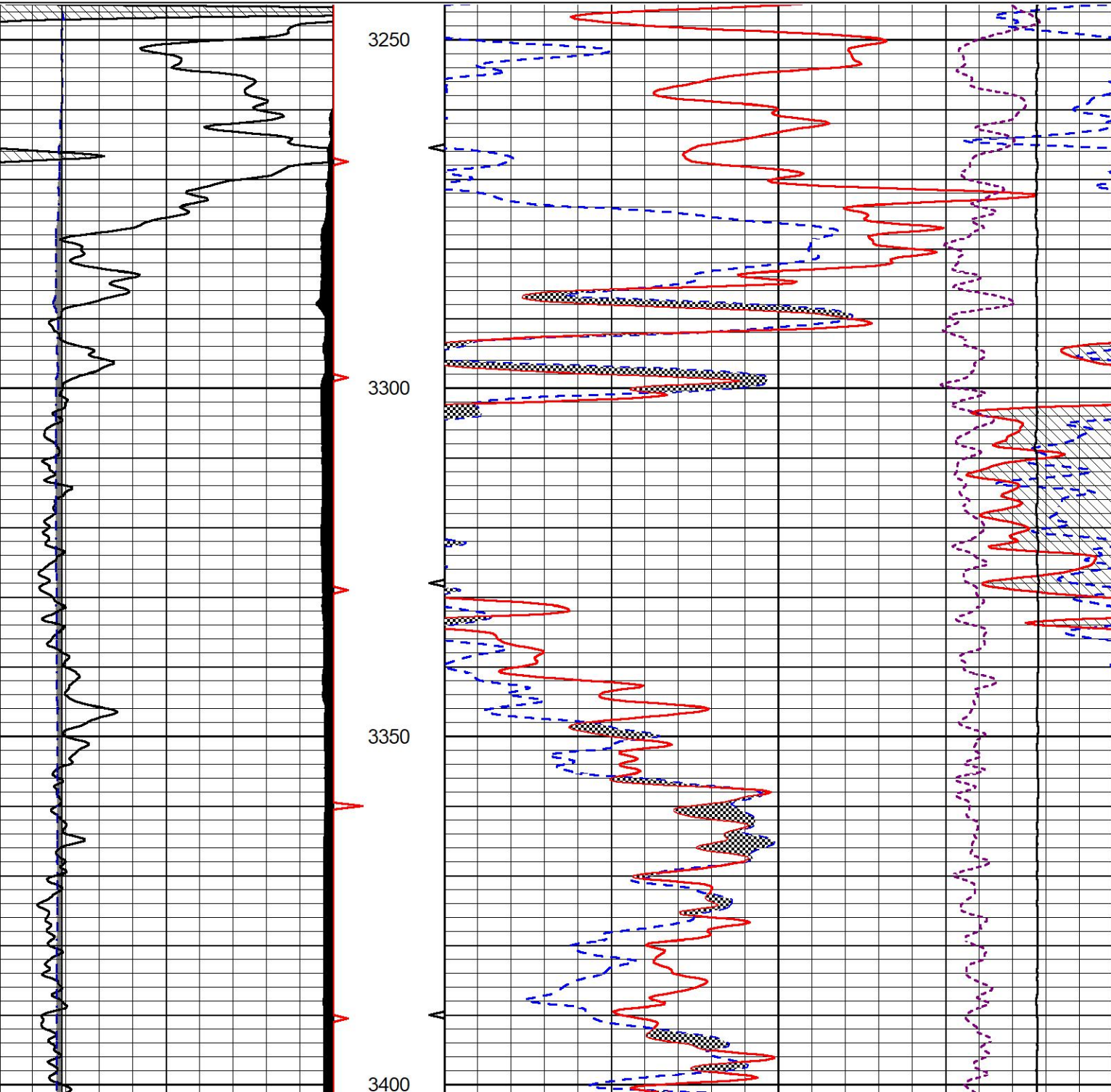


REPEAT SECTION

REPEAT PASS

Database File ressler_meyers 12.db
Dataset Pathname stack/pass2.1
Presentation Format _CNDLS~1
Dataset Creation Fri May 17 12:18:33 2024
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		



Serial-Model:	303-03-M&W
Source #:	21170B
Master Calibration Performed:	Fri Mar 22 13:26:25 2024

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.680	g/cc	5466.68	7555.42	cps
Aluminum	2.580	g/cc	1173.67	5050.86	cps
Spine Angle = 75.33			Density/Spine Ratio = 0.566		
	Size		Reading		
Small Ring	4.00	in	1.17		
Large Ring	14.00	in	1.07		

Compensated Neutron Calibration Report

Serial Number:	210
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

Gamma Ray Calibration Report

Serial Number:	105	
Tool Model:	M&W	
Performed:	Sat Oct 21 23:48:19 2023	
Calibrator Value:	500.0	GAPI
Background Reading:	24.0	cps
Calibrator Reading:	637.0	cps
Sensitivity:	0.6000	GAPI/cps



Company	Ressler Well Service, Inc.
Well	Myers #12
Field	Burton
County	Reno
State	Kansas