

MIDWEST WIRELINE

DUAL COMP POROSITY LOG

Company Castle Resources, Inc.

Well Hund #2

Field Newberry

County Wabaunsee

State Kansas

Company Castle Resources, Inc.

Well Hund #2

Field Newberry

County Wabaunsee State Kansas

Location: API #: 15-197-20321-00-00

1720 FSL & 900 FEL

SEC 2 TWP 11S RGE 11E

DIL/MEL

Other Services

Permanent Datum Ground Level Elevation 1113
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 1118
D.F.
G.L. 1113

Date

4/6/2023

Run Number

One

Type Log

CNL/CDL

Depth Driller

3100

Depth Logger

3104

Bottom Logged Interval

3103

Top Logged Interval

2100

Type Fluid In Hole

Chemical

Salinity, PPM CL

4000

Density

9.6

Level

Full

Max. Rec. Temp. F

107

Operating Rig Time

2 Hours

Equipment -- Location

P-108 HAYS

Recorded By

D. Schmidt

Witnessed By

Jerry Green

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

One

12.25

0

300

8.625

23

0

300

Two

7.875

300

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.

Paxico,
5 North to Homestead, 1 East, 1/4 North,
West and North to location

Log Measured From: Kelly Bushing

Ft. Above Permanent Datum

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

Your Midwest Wireline Crew

This Log Record Was Witnessed By

Engineer: D. Schmidt

Operator:

Operator:

Operator:

Primary Witness: Jerry Green

Secondary Witness:

Secondary Witness:

Secondary Witness:

Sensor	Offset (ft)	Schematic		Description	Length (ft)	O.D. (in)	Weight (lb)		
GR	40.33			GR-M&W (103)	3.00	3.50	50.00		
CNLSC CNSSC	37.23 36.48			CNT-M&W (210)	5.00	3.50	100.00		
LSD DCAL SSD	28.18			CDL-M&W (303-03)	8.50	4.00	250.00		
	28.17			ML-PSI STKBL ML (402)	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 (505 HT)	18.25	3.50	220.00		
CILD	8.33								
	CILM							4.50	
								SP	0.20
									Dataset: castle_hund 2.db: field/well/stkml/pass5.1 Total length: 42.33 ft Total weight: 685.00 lb O.D.: 4.00 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\castle_hund 2.db
Dataset field/well/stkml/pass5.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 107	in 5.5	in 0	g/cc 1	2	g/cc 2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m -3.6	mmho/m 7.6	mV 231	degF 60	Off	ft 3100

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



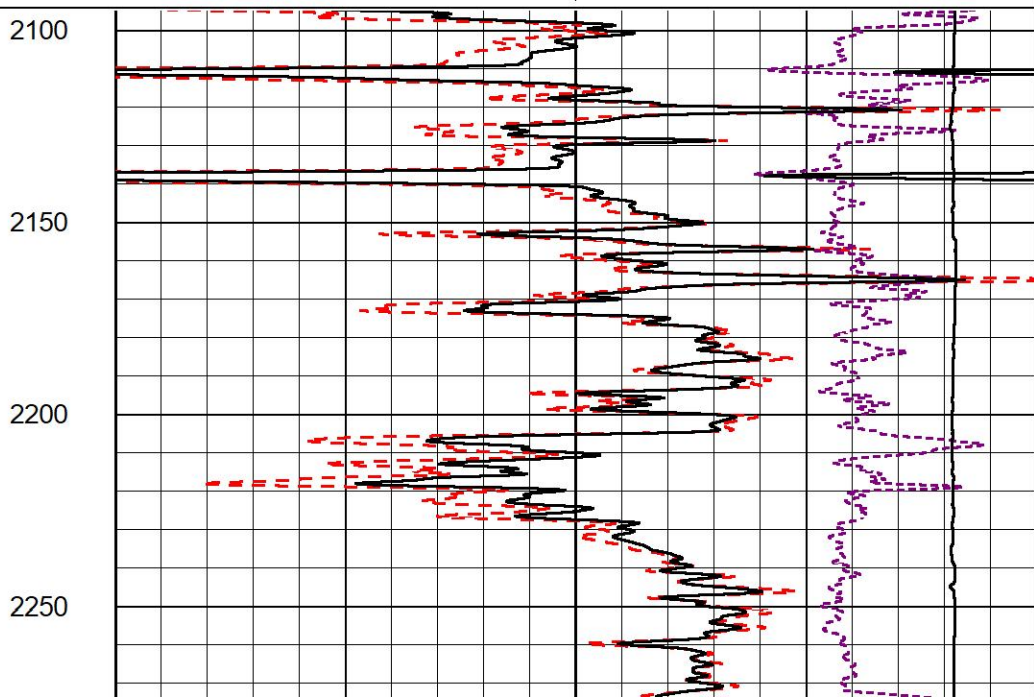
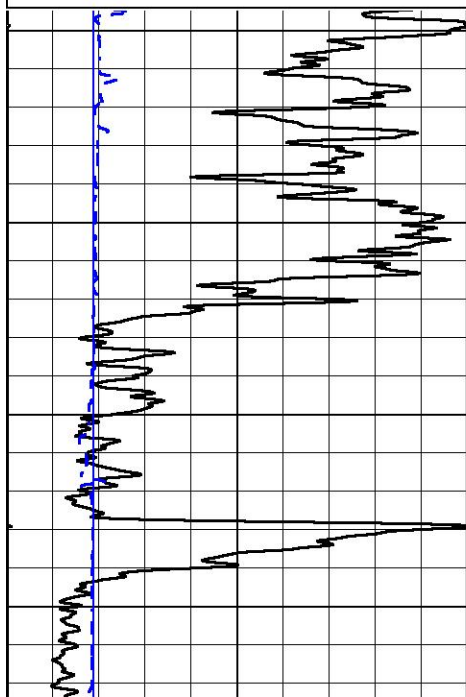
2" SCALE BULK DENSITY

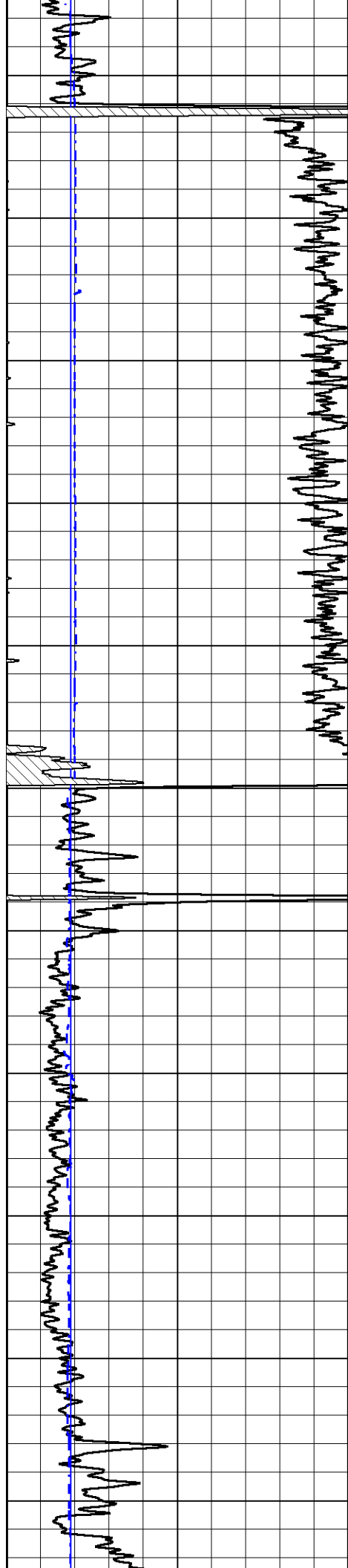
MAIN PASS

Database File castle_hund 2.db
Dataset Pathname stkml/pass5.2
Presentation Format _cdl
Dataset Creation Thu Apr 06 18:59:23 2023
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





2300

2350

2400

2450

2500

2550

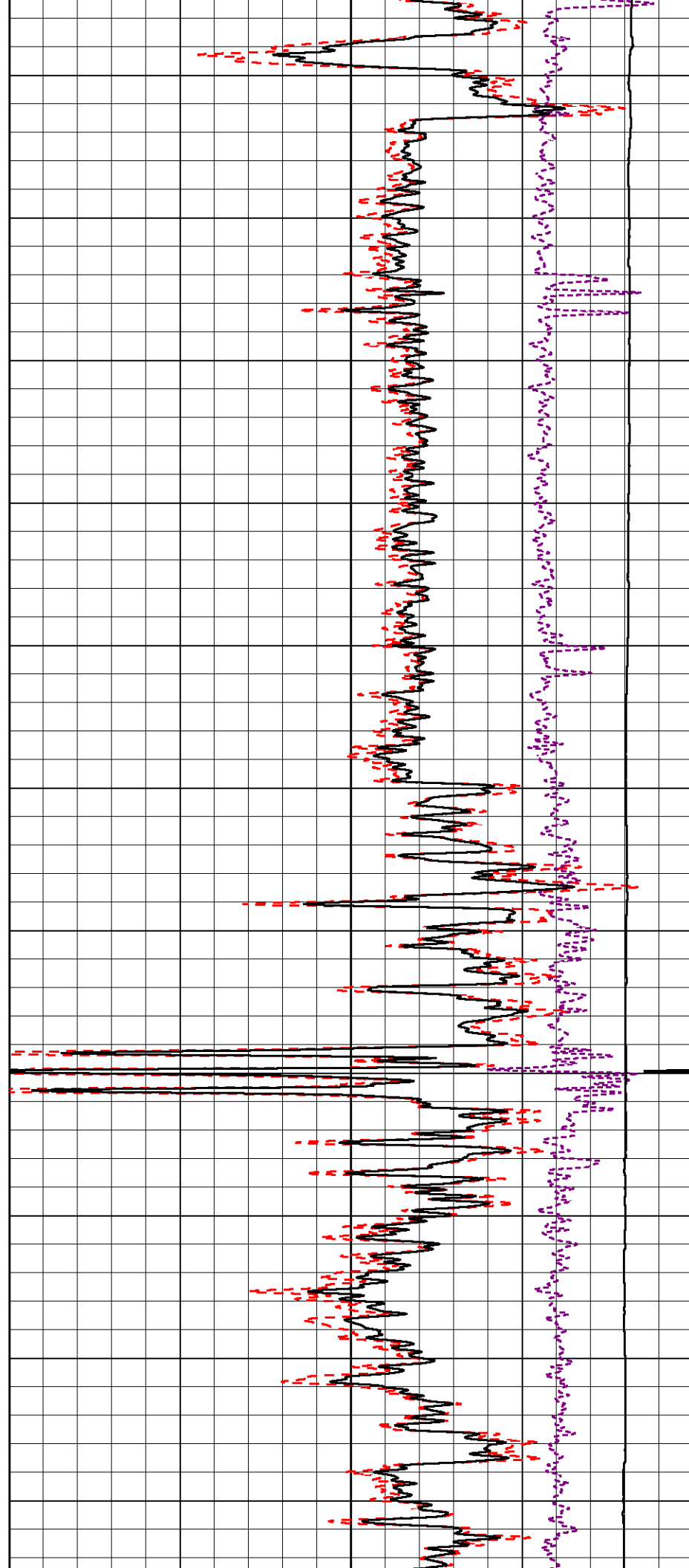
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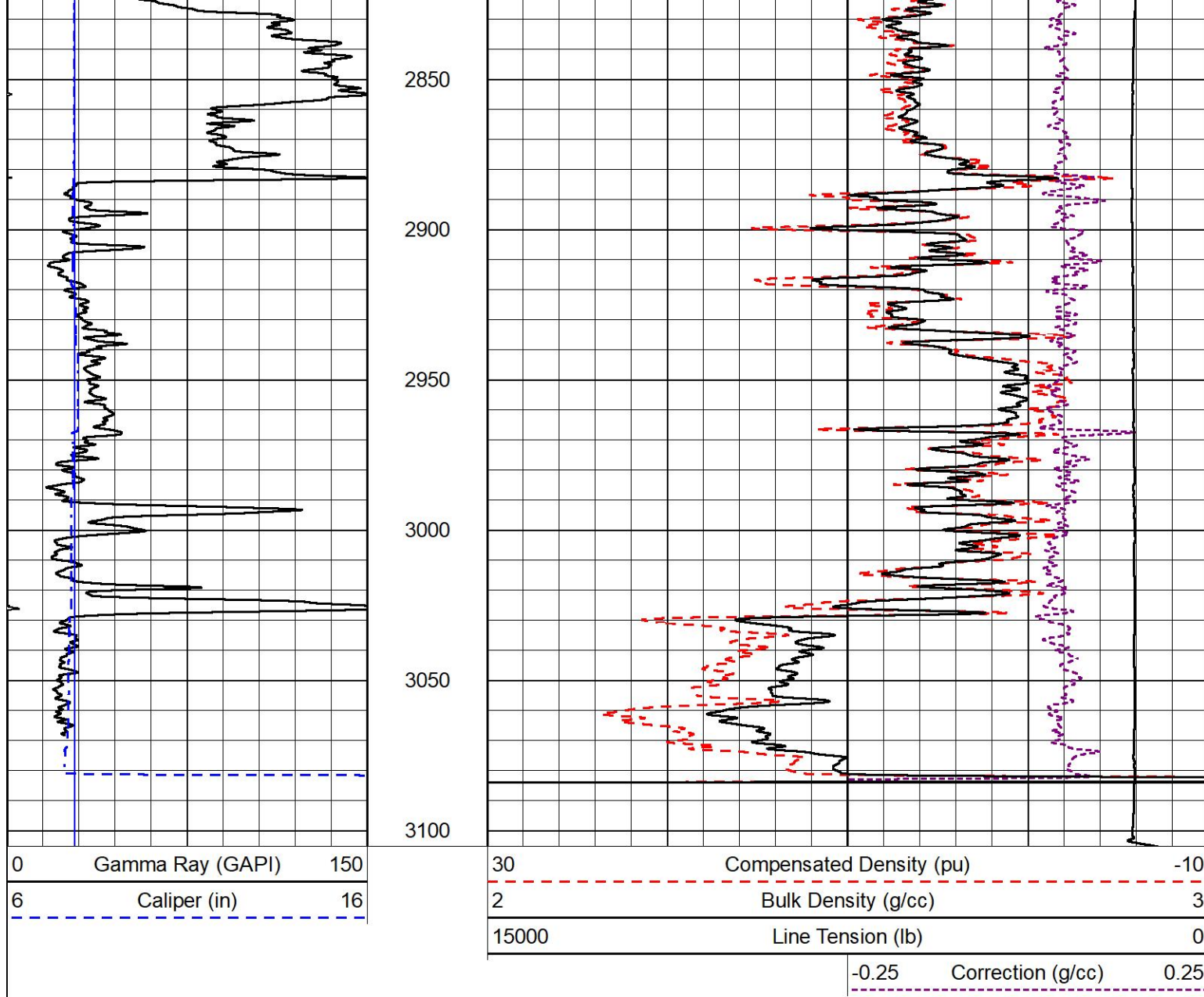
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2800

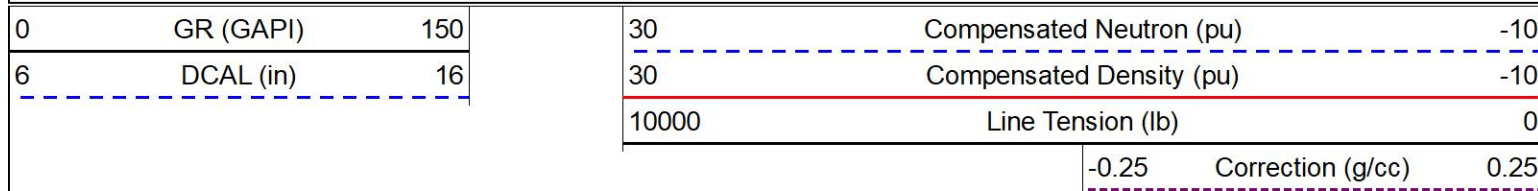


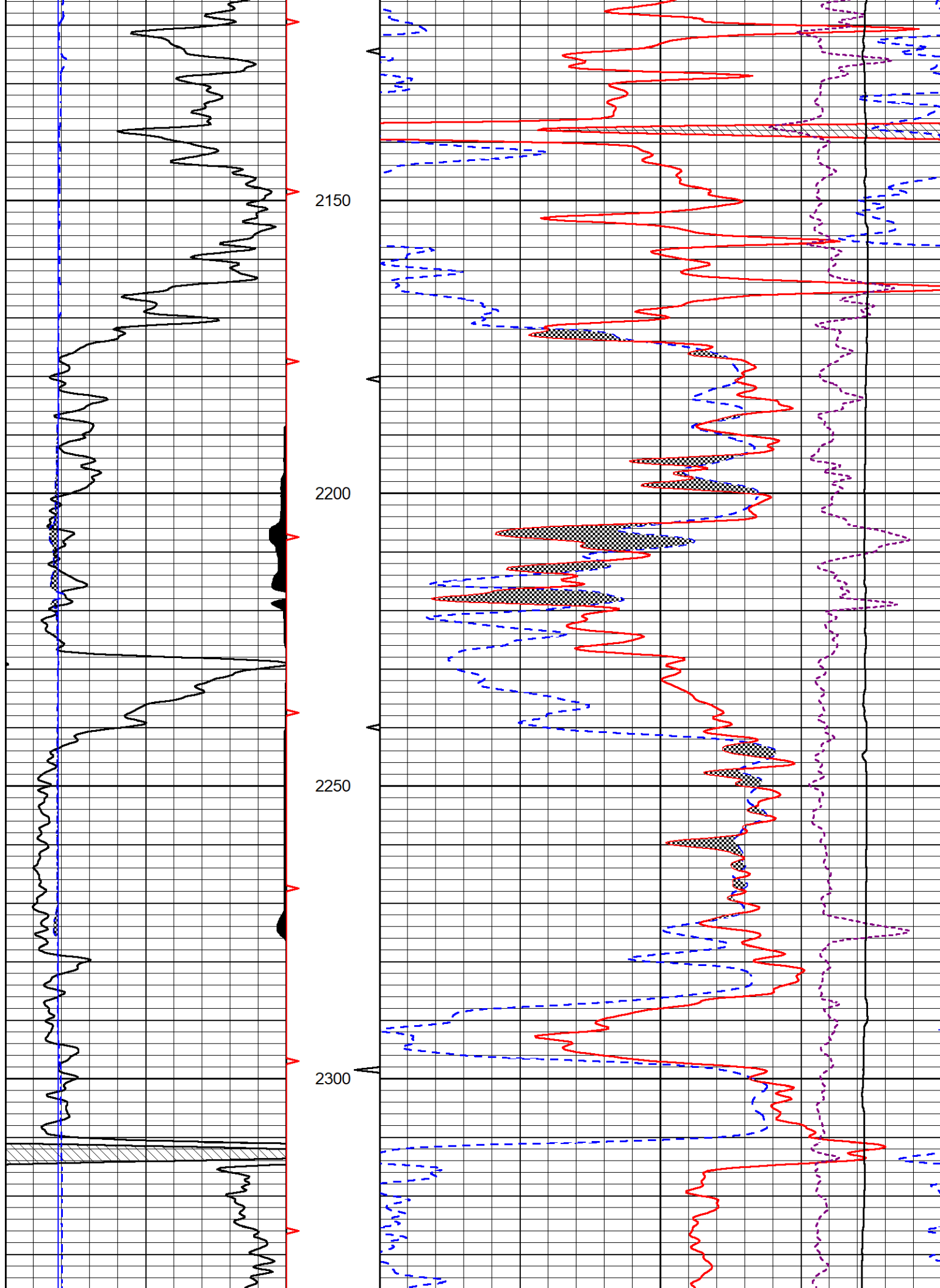


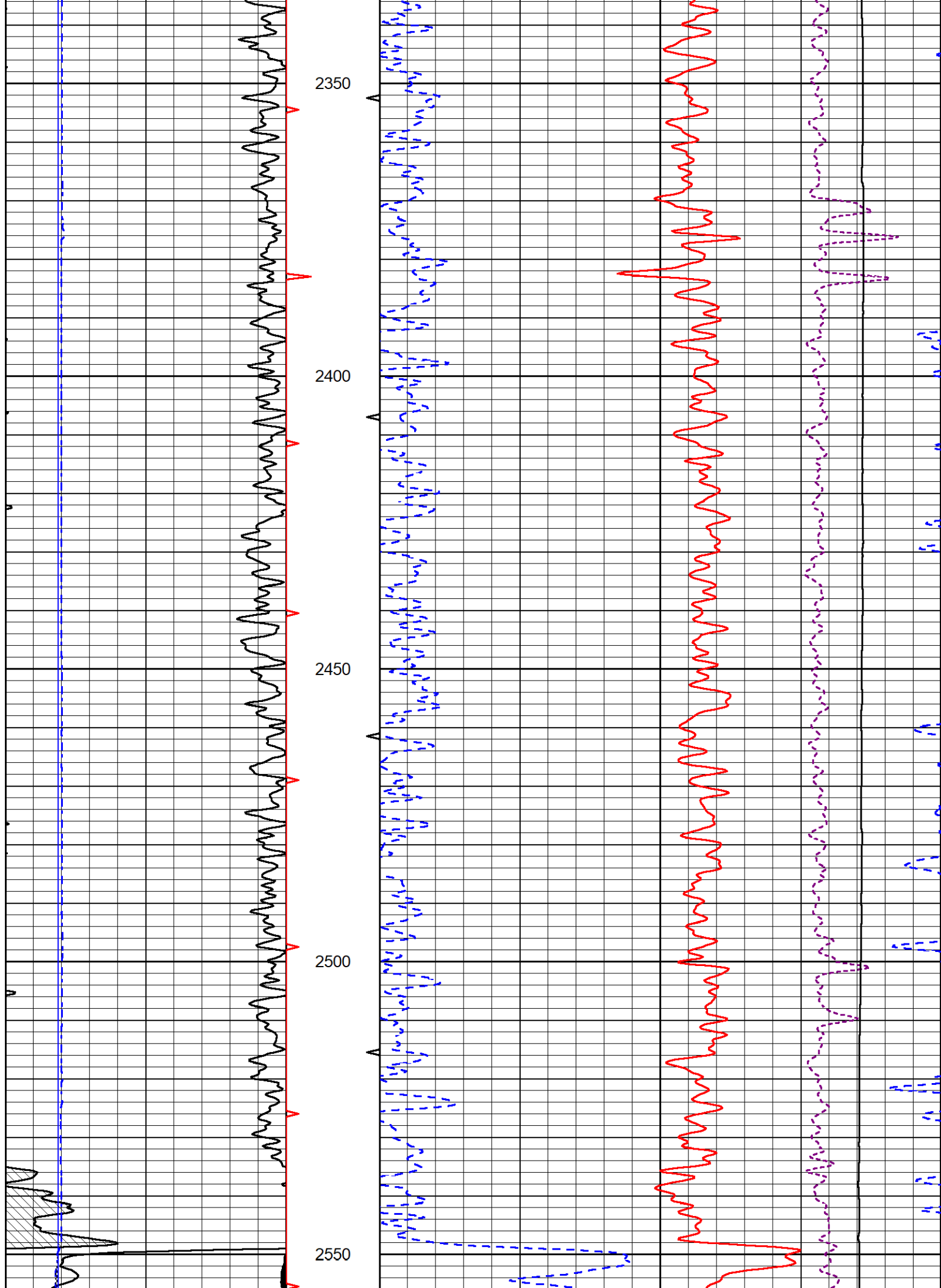
DETAIL SECTION

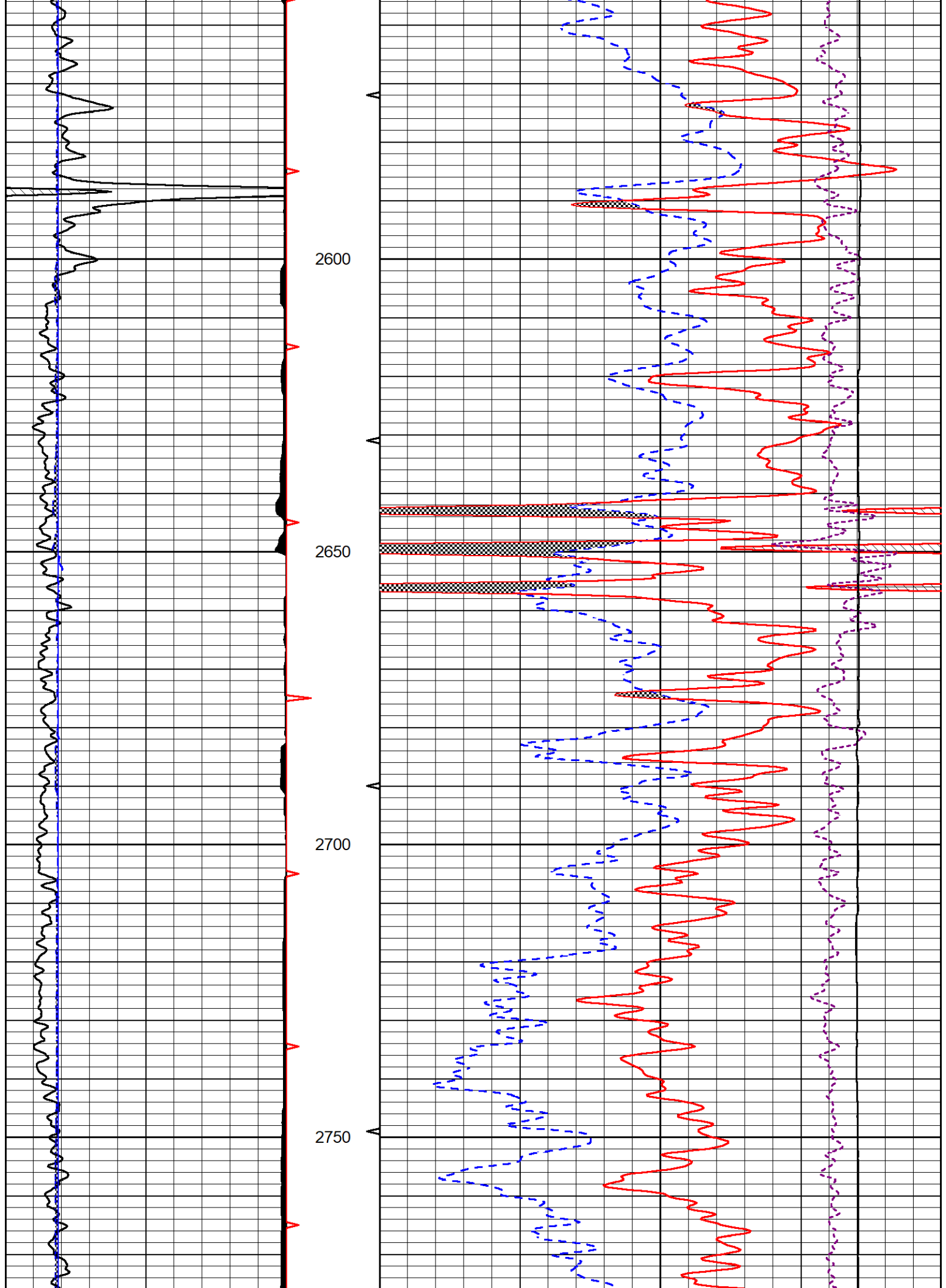
MAIN PASS

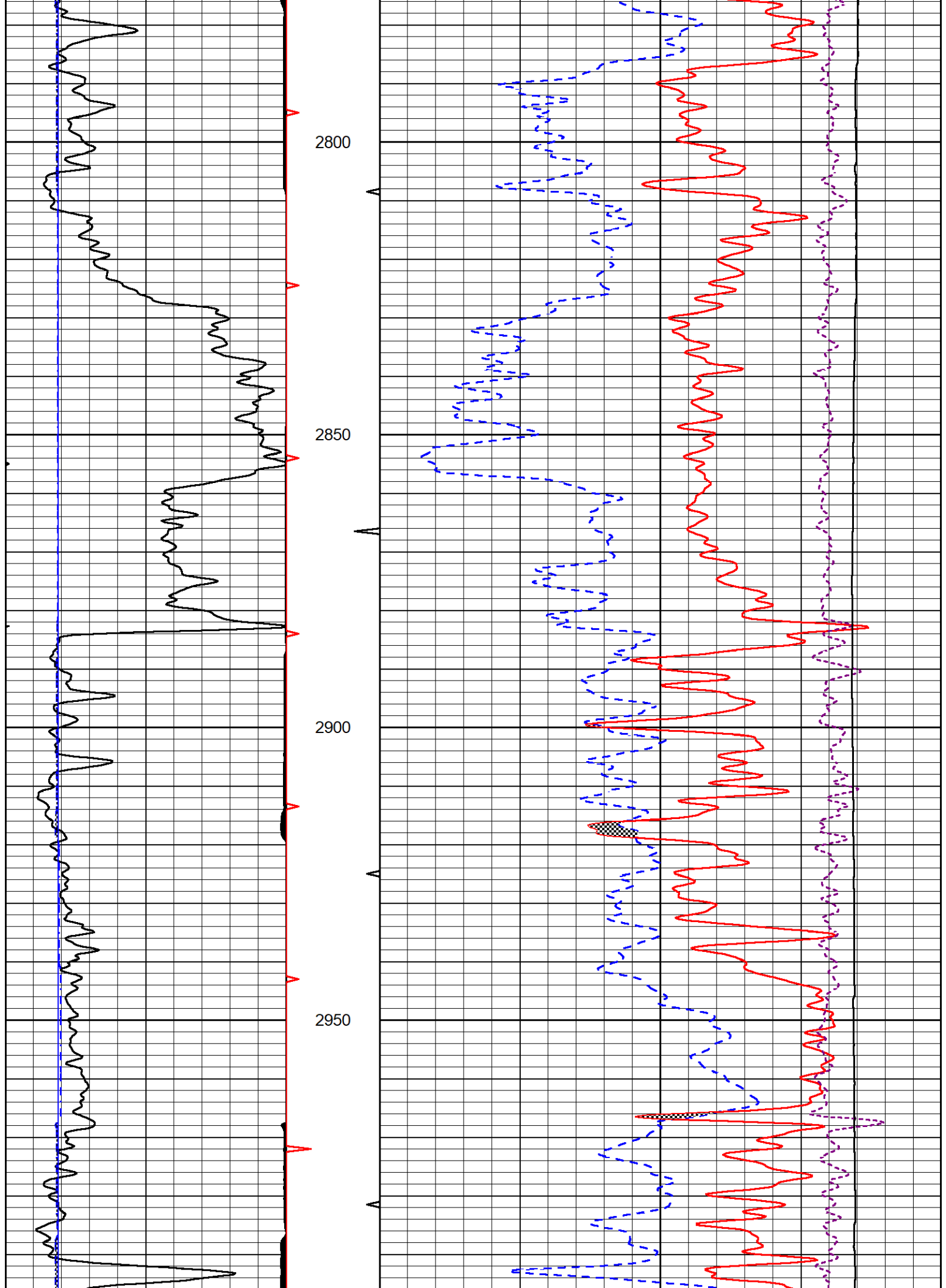
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 Dataset Pathname stkml/pass5.1
 Presentation Format _CNDLS~1
 Dataset Creation Thu Apr 06 18:55:40 2023
 Charted by Depth in Feet scaled 1:240

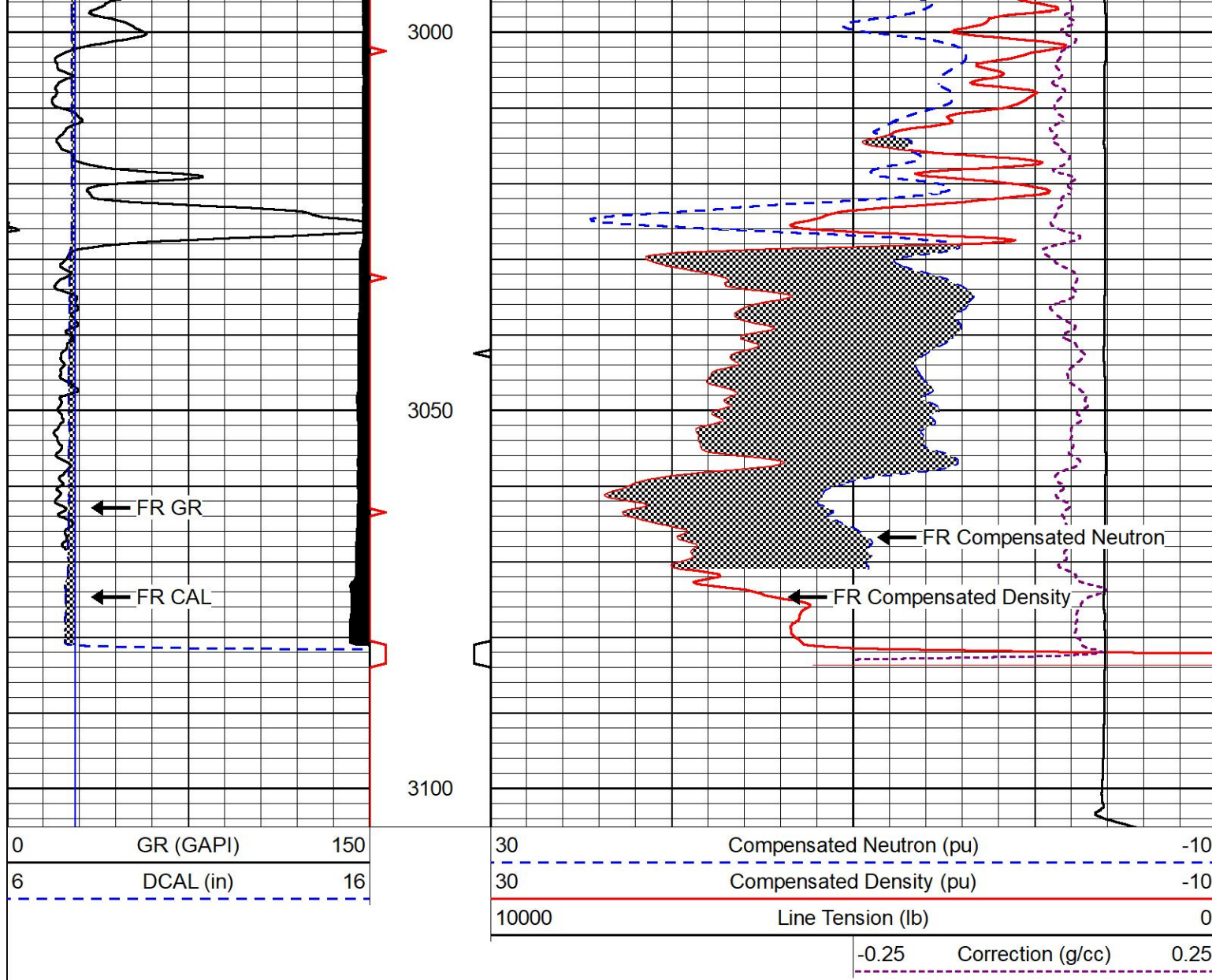










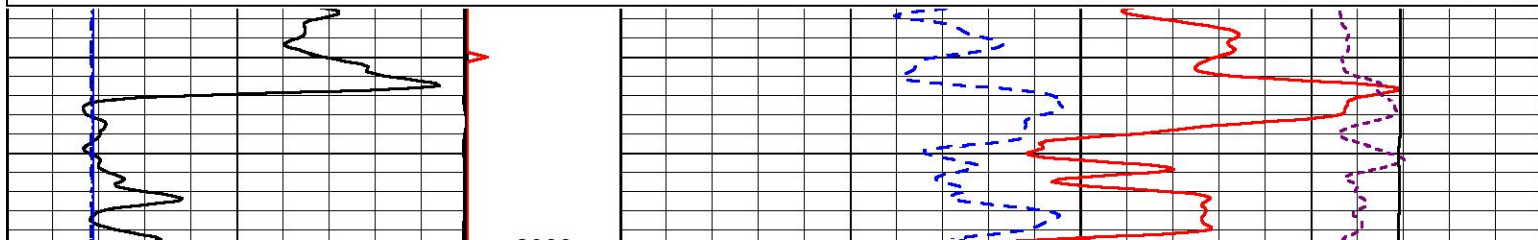
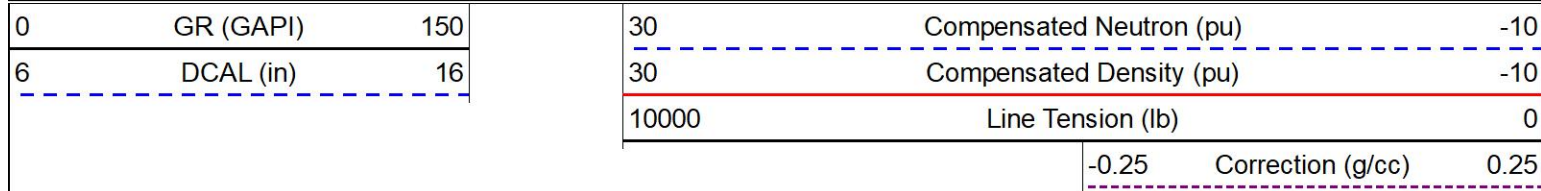


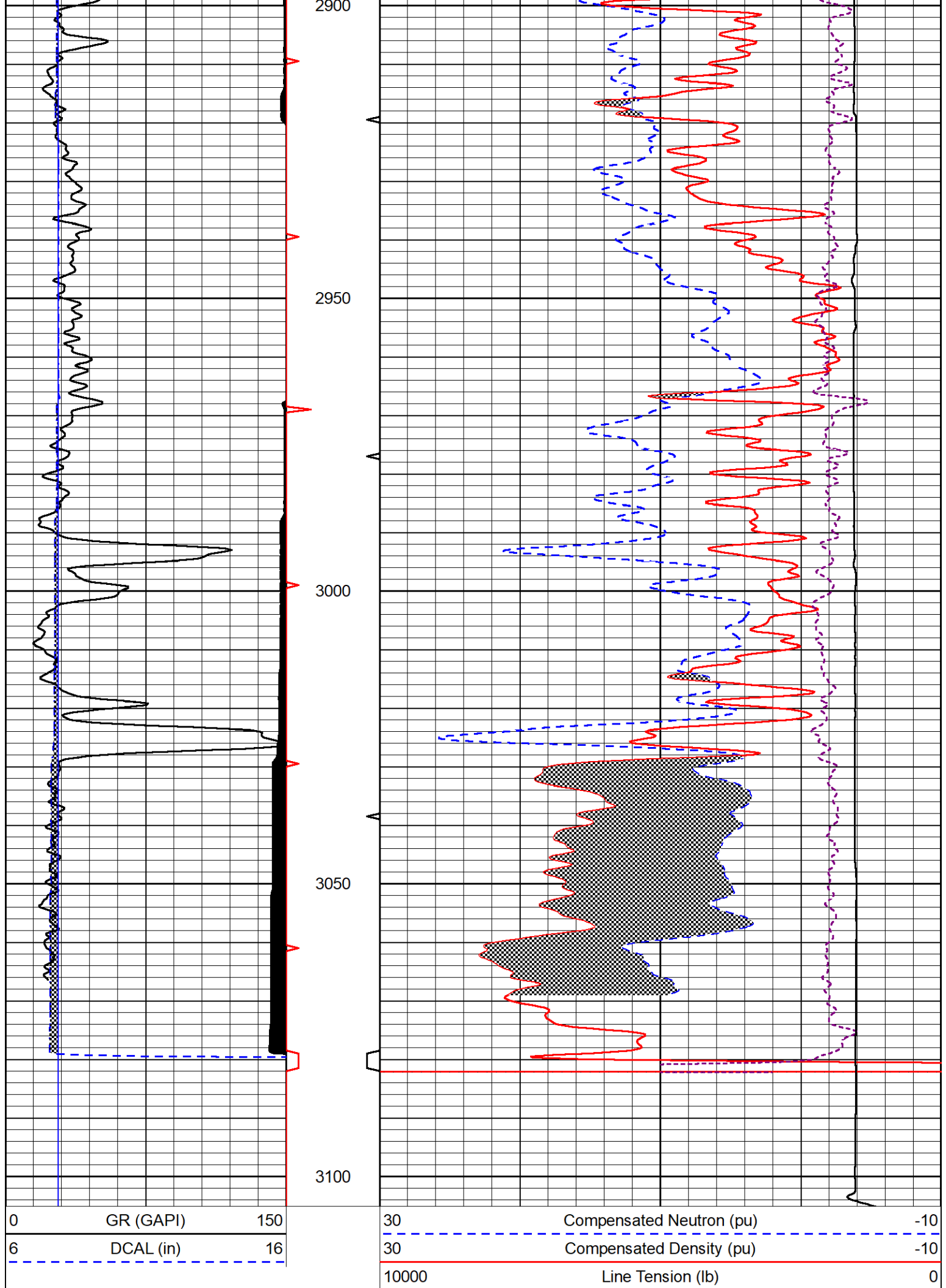
MIDWEST WIRELINE

REPEAT SECTION

REPEAT PASS

Database File castle_hund 2.db
 Dataset Pathname stkml/pass4.1
 Presentation Format _cndlspec
 Dataset Creation Thu Apr 06 18:46:08 2023
 Charted by Depth in Feet scaled 1:240





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:	103				
Tool Model:	M&W				
Performed:	Wed Jan 25 21:25:33 2023				
Calibrator Value:	500.0	GAPI			
Background Reading:	28.0	cps			
Calibrator Reading:	986.0	cps			
Sensitivity:	0.5700	GAPI/cps			

	Company	Castle Resources, Inc.
	Well	Hund #2
	Field	Newberry
	County	Wabaunsee
	State	Kansas