



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-055-22,383-00-00

Company **American Warrior, Inc.**

Well **Six M #4-23**

Field **Unknown**

County **Finney**

State **Kansas**

Location

**NW SE NW NW
903' FNL & 702' FWL**

Other Services
MEL/DIL

Sec: **23**

Twp: **22S**

Rge: **34W**

Permanent Datum

Log Measured From **Kelly Bushing** Elevation **2930**

Drilling Measured From **Kelly Bushing**

K.B. **2941**
D.F. **2930**
G.L. **2930**

Date

2/8/2015

Run Number

One

Type Log

CNL / CDL

Depth Driller

4950

Depth Logger

4952

Bottom Logged Interval

4920

Top Logged Interval

3750

Type Fluid In Hole

Chemical

Salinity, PPM CL

3000

Density

9.4

Level

Full

Max. Rec. Temp. F

126

Operating Rig Time

3 Hours

Equipment -- Location

15 Hays

Recorded By

D.Kerr

Witnessed By

Luke Thompson

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

23#

From

To

One

12.25

0

1752

8.625

23#

0

1752

Two

7.875

1752

TD

TD

TD

TD

TD

TD

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

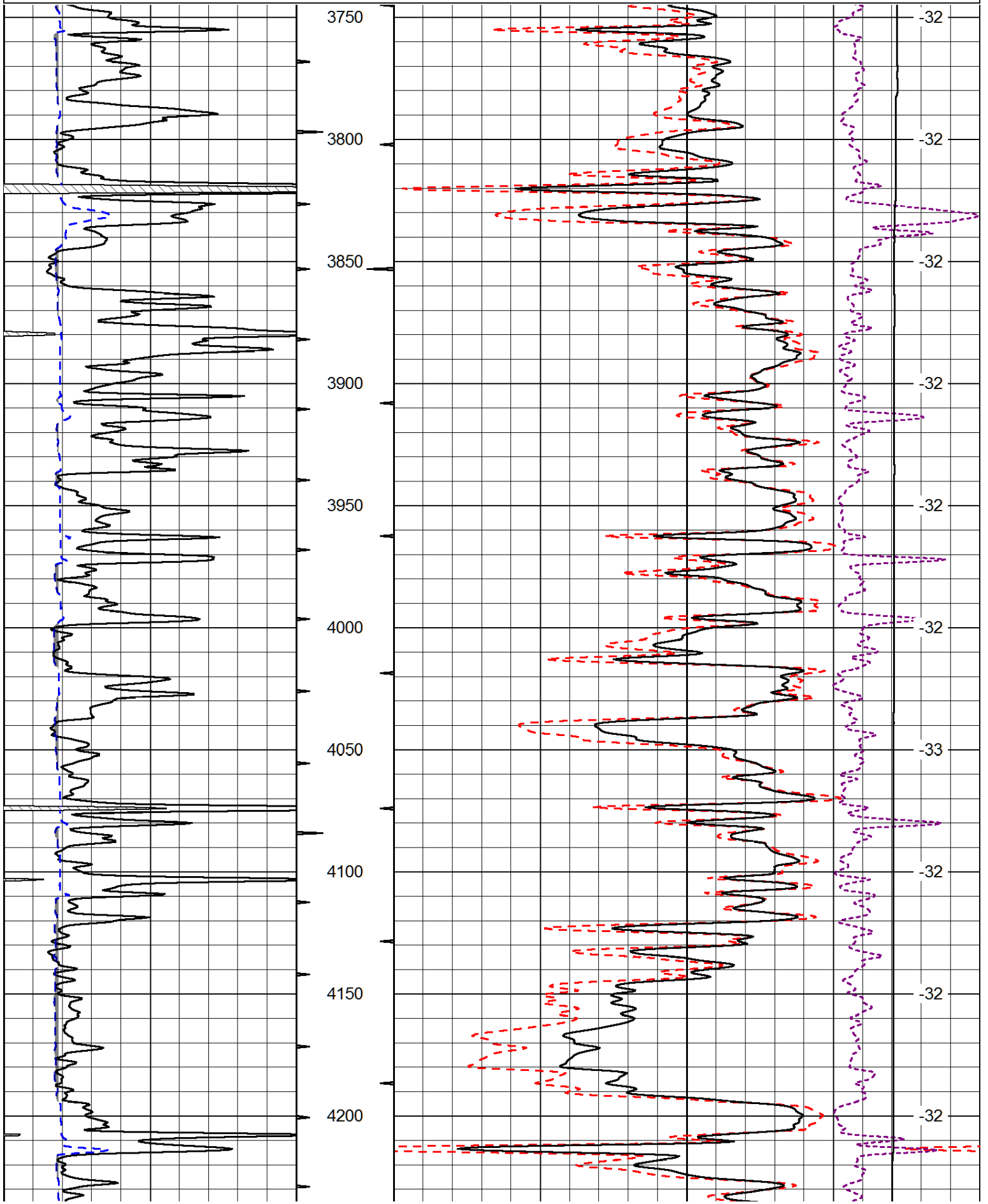
Thank you for using Log-Tech, Inc.
(785) 625-3858

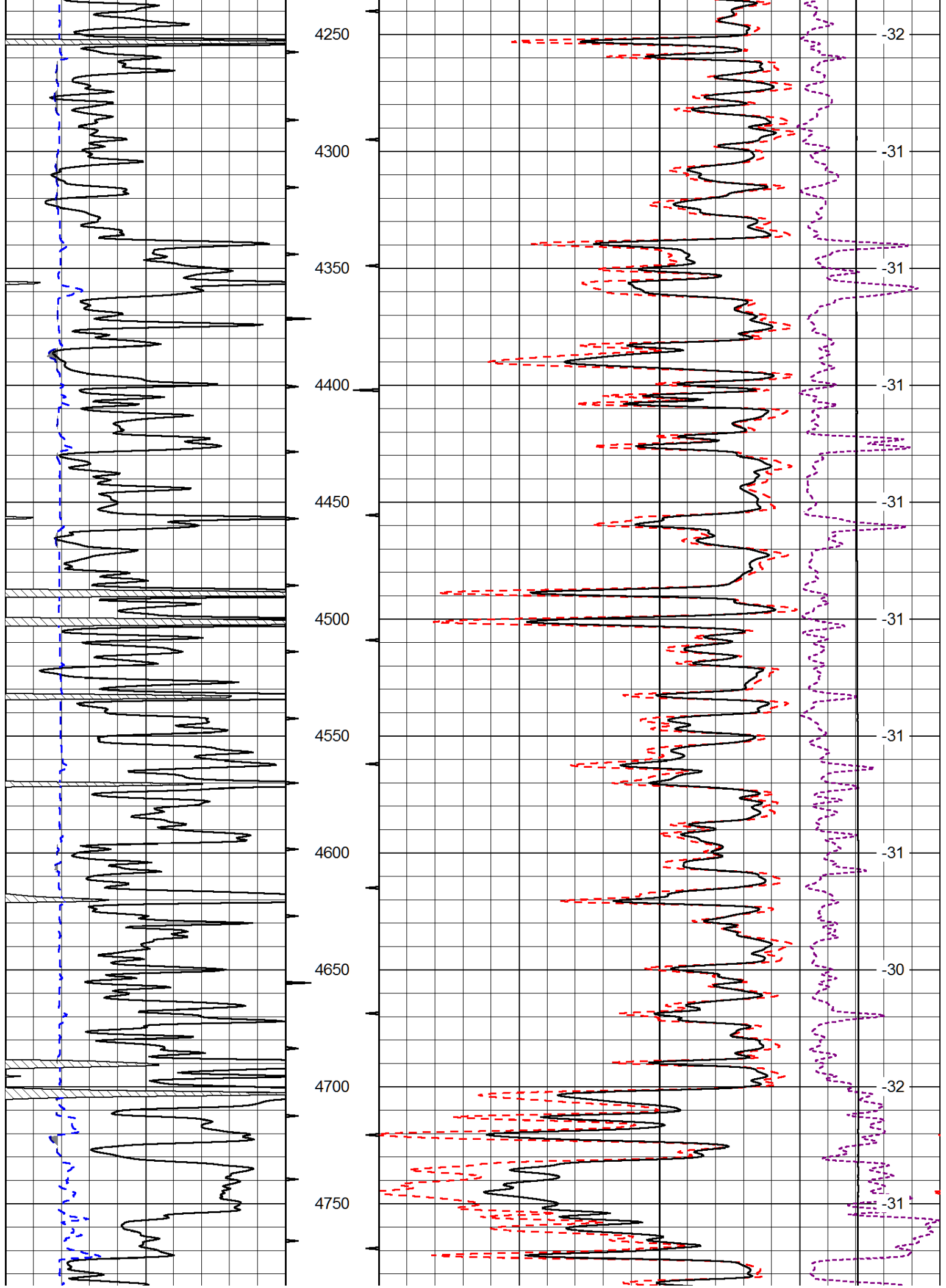
Holcomb KS, 9 North to Barlow RD,
1 3/4 West, South Into

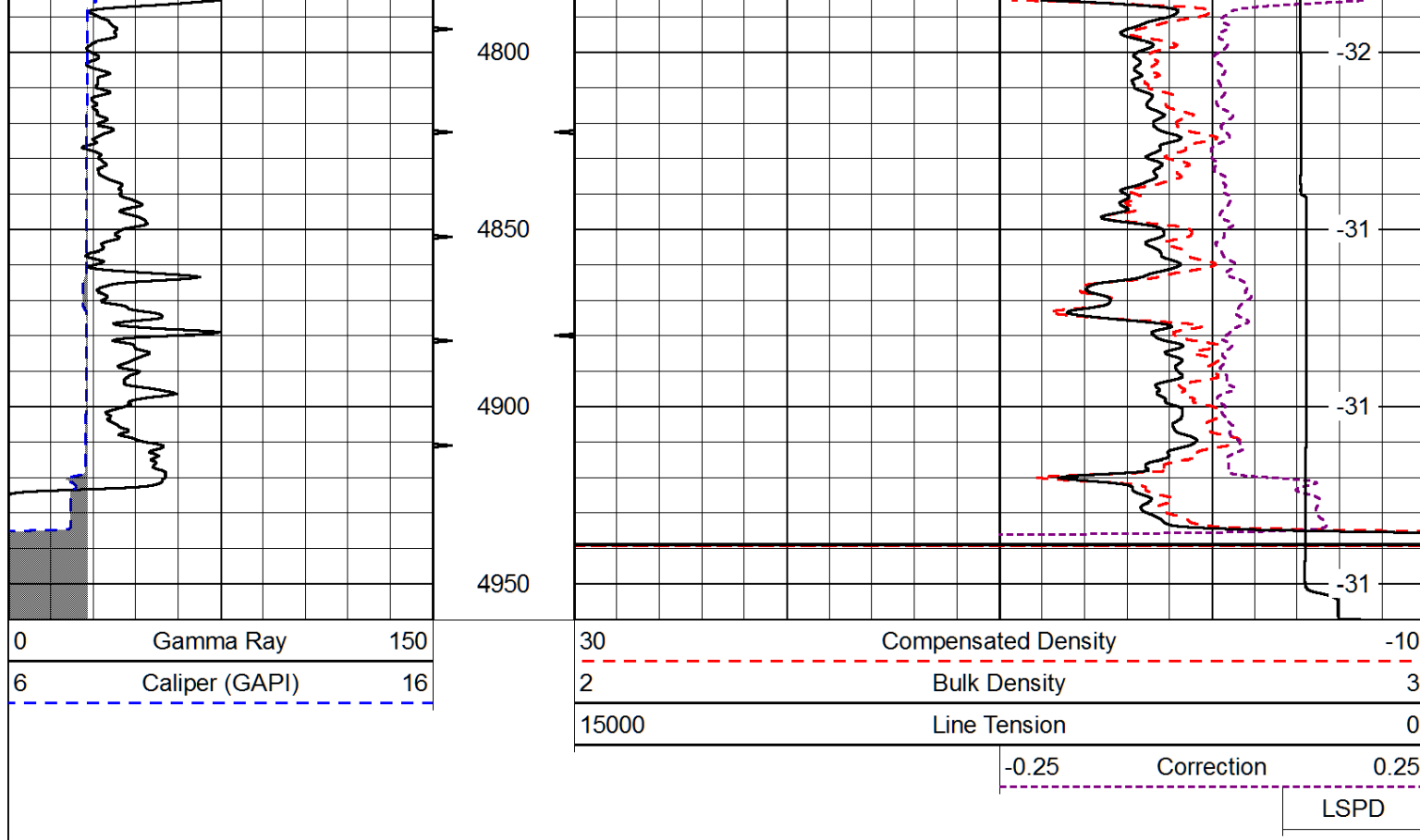
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Dataset Pathname: DIL/awstkml
Presentation Format: cdl
Dataset Creation: Sun Feb 08 08:37:10 2015
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

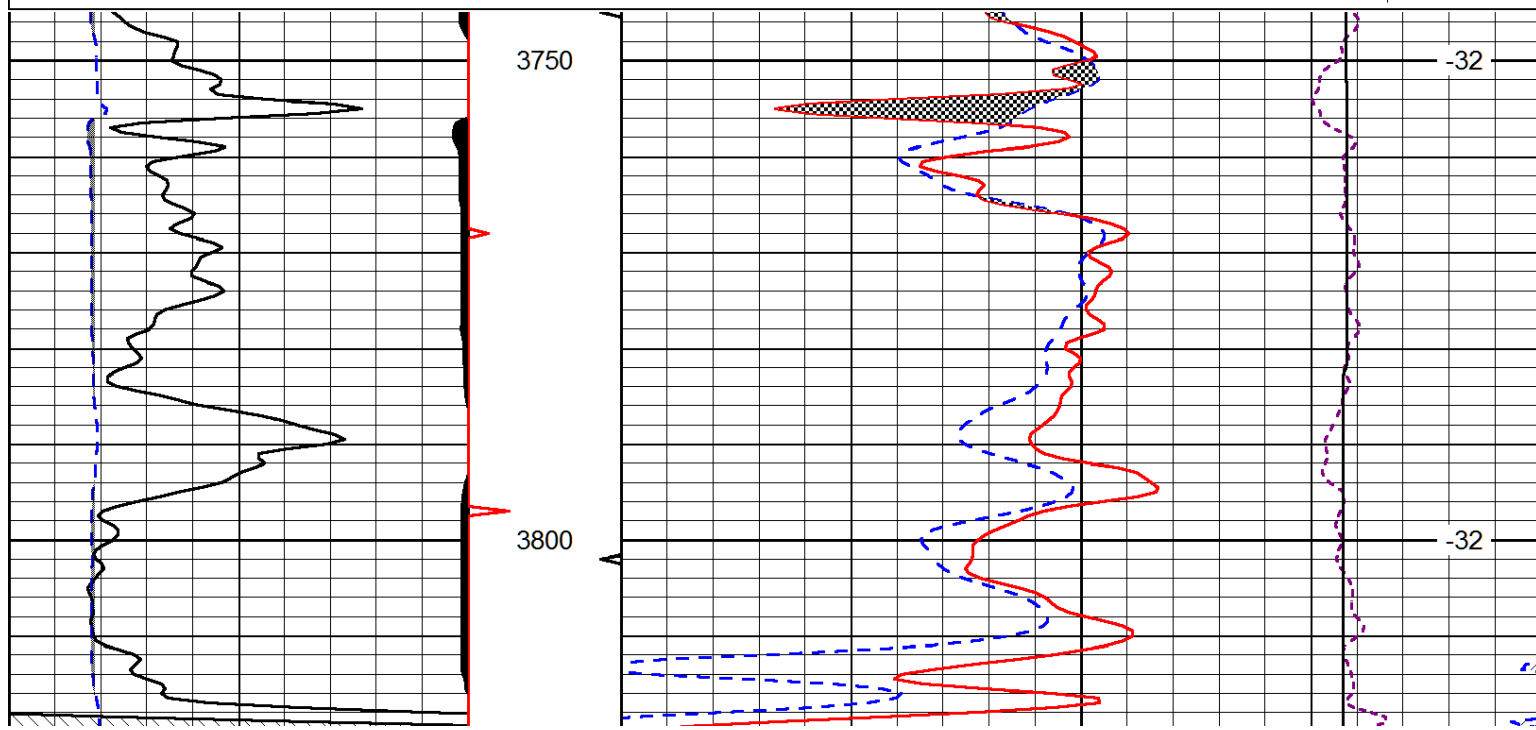
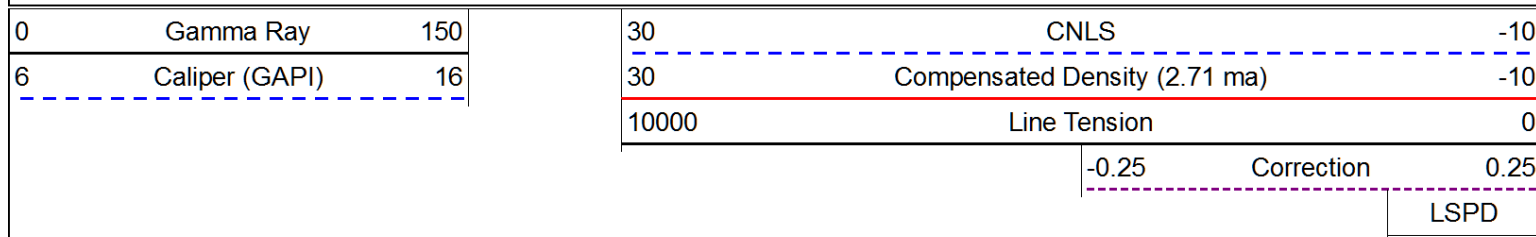
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
	-0.25	Correction	0.25
			LSPD

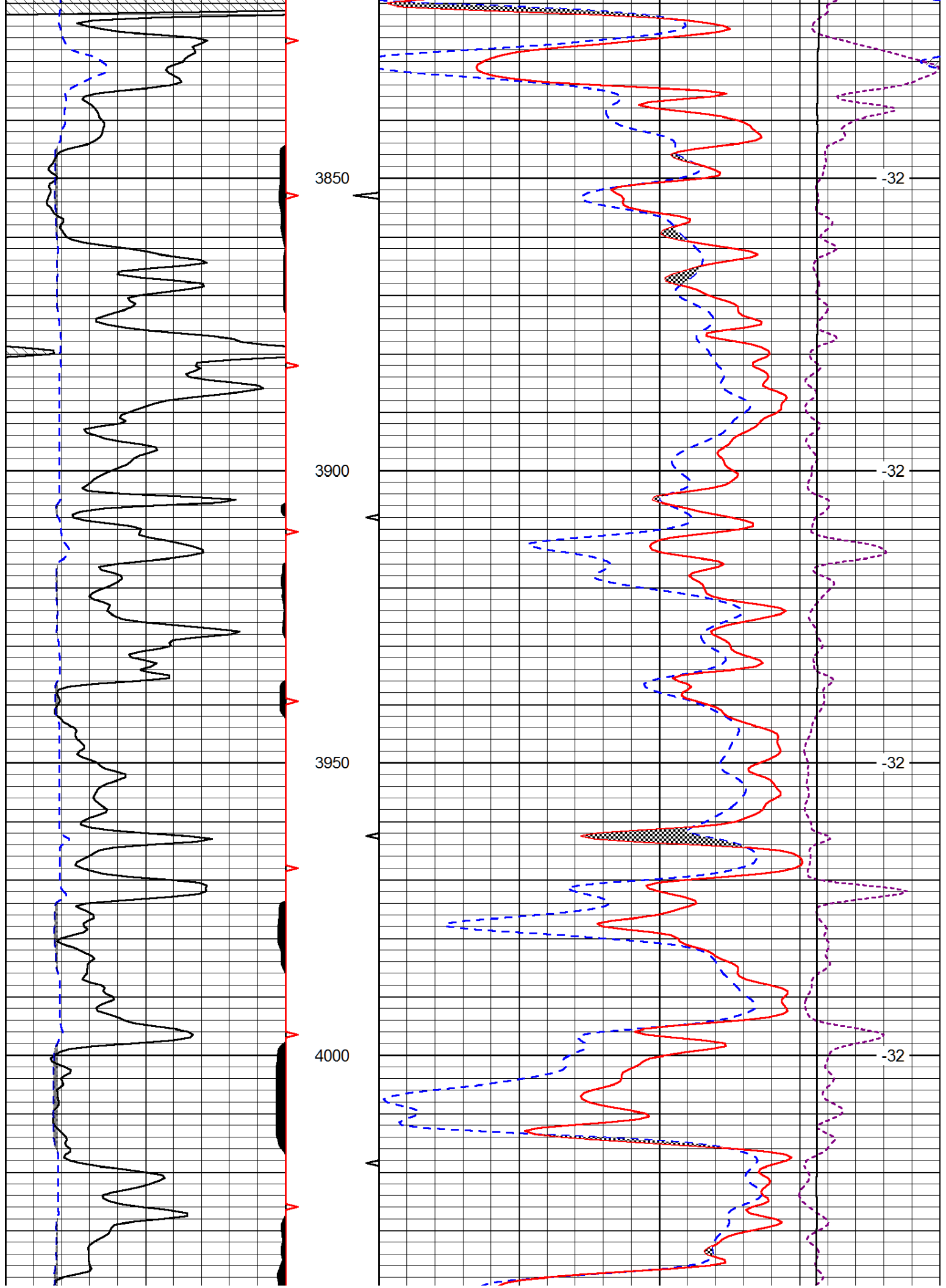


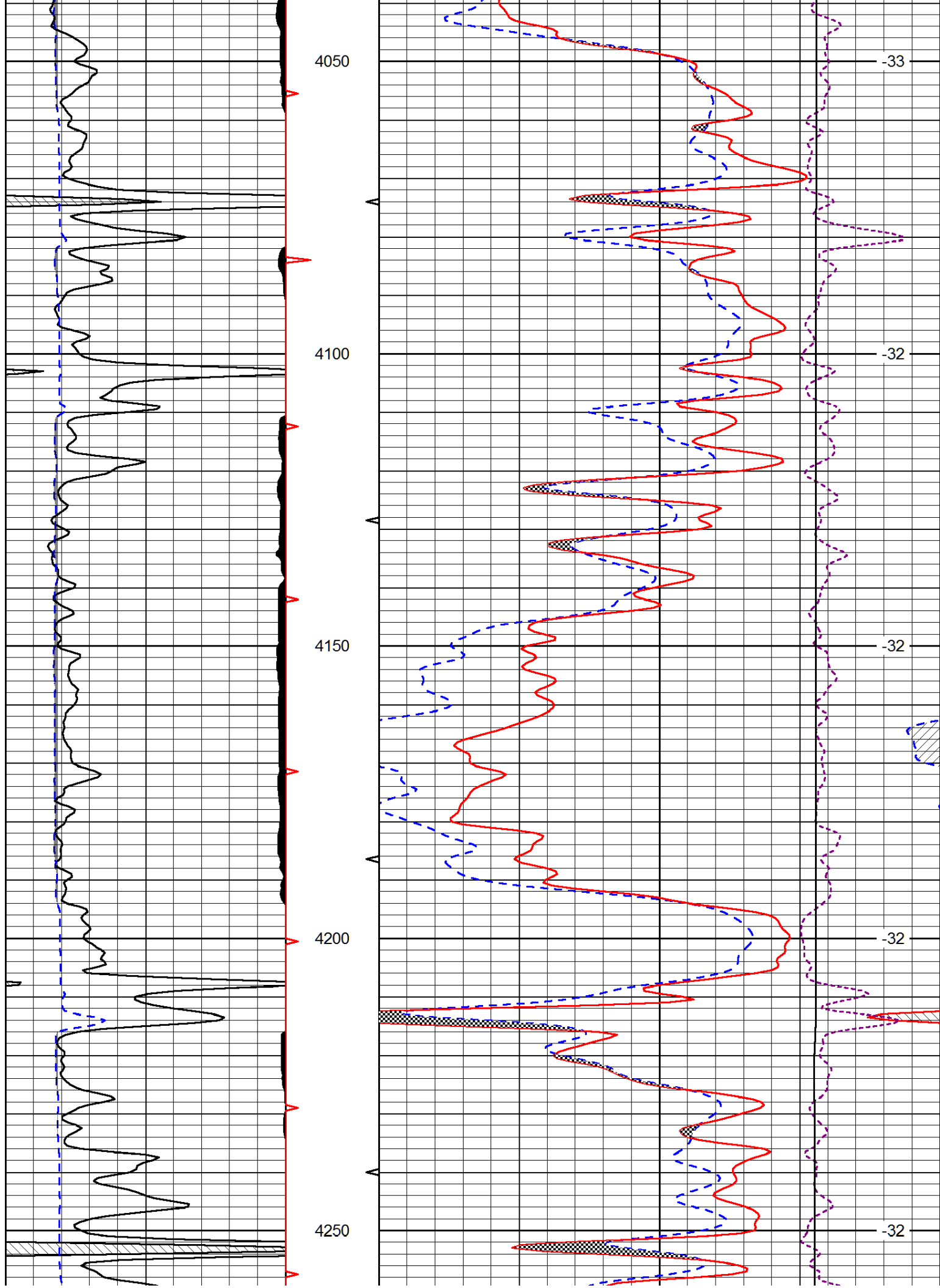


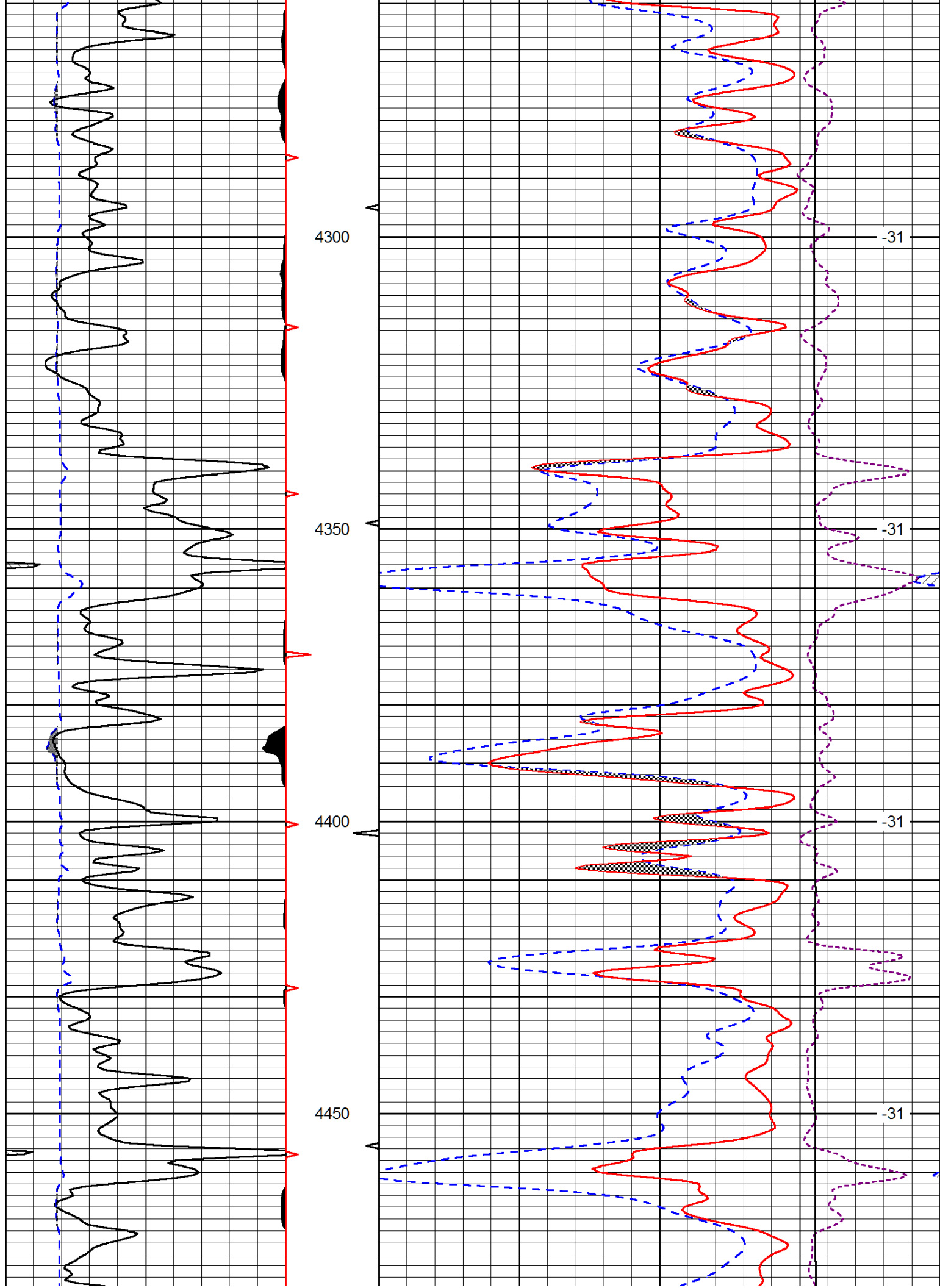


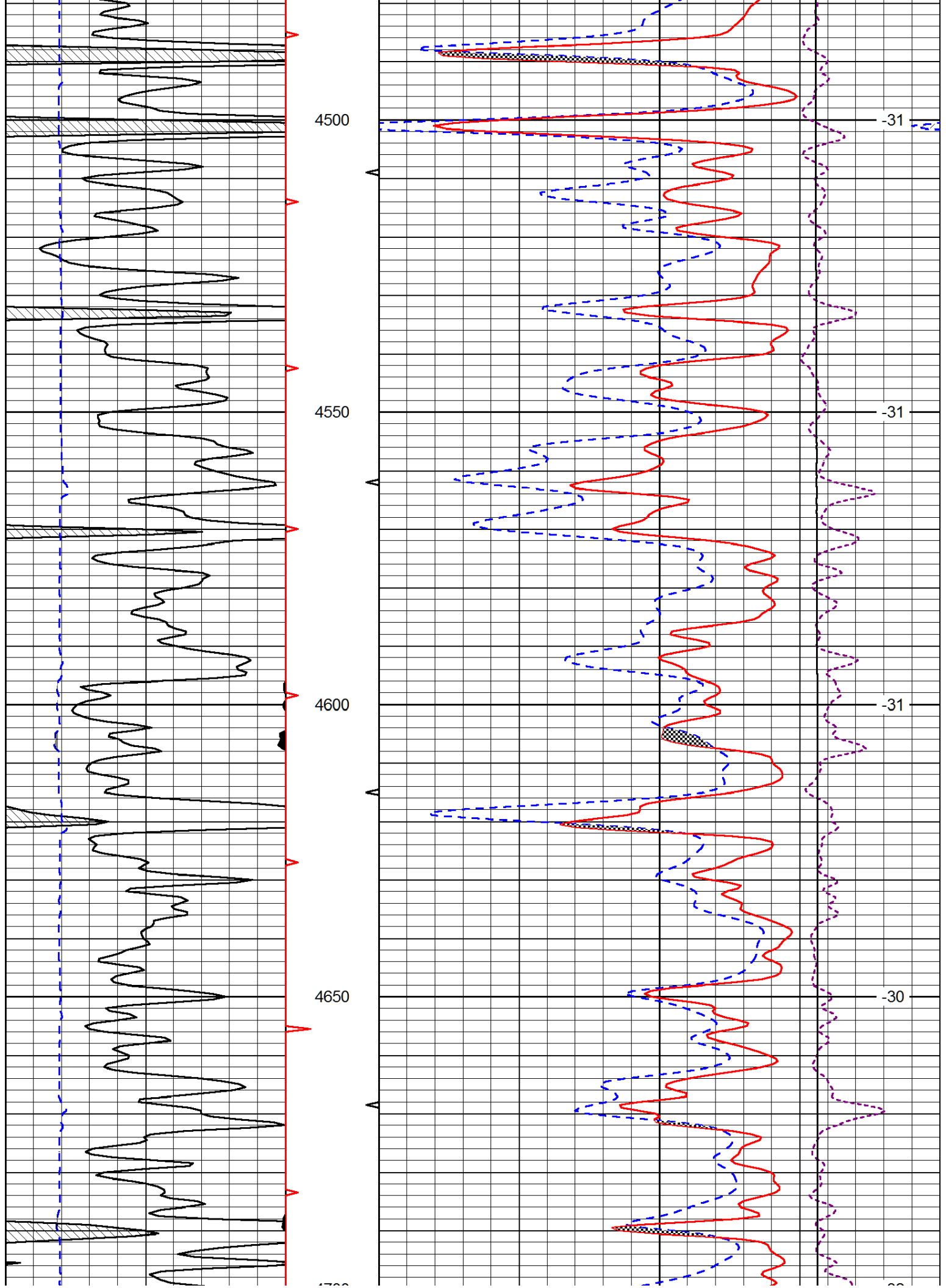
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 Charted by: Depth in Feet scaled 1:240

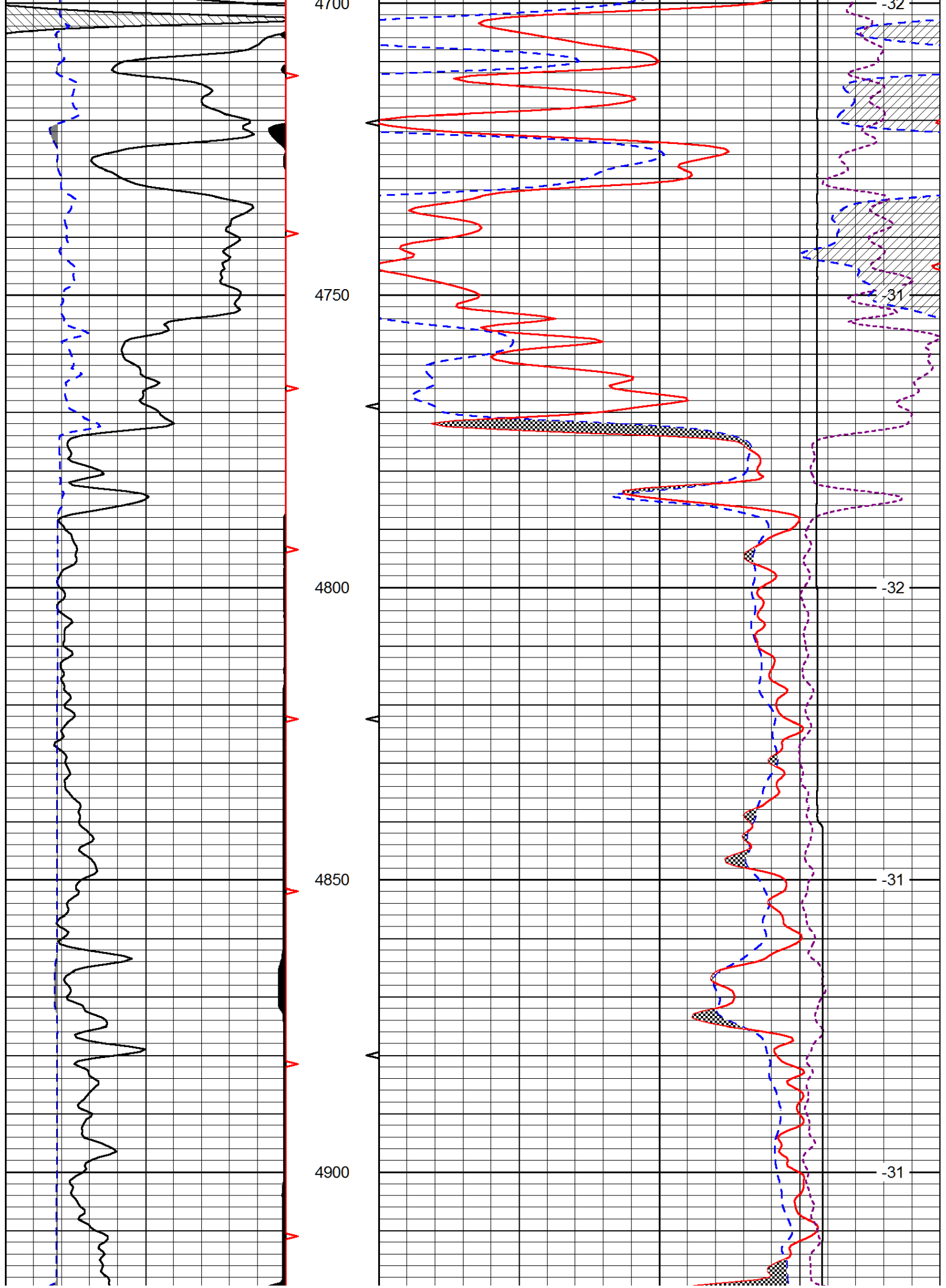


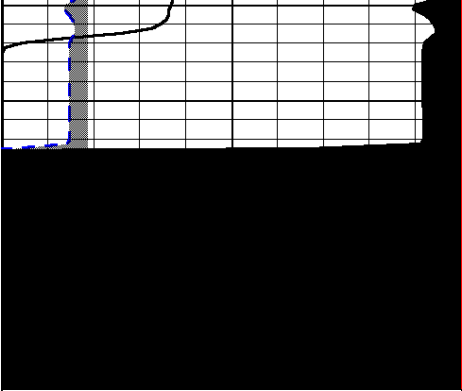






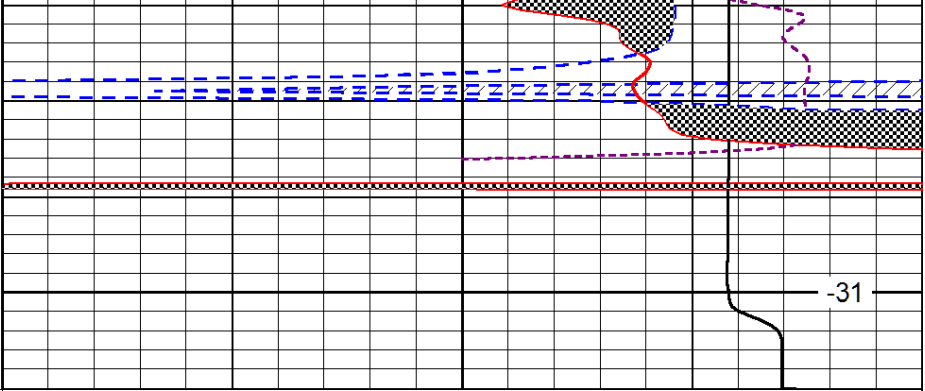






4950

0	Gamma Ray	150
6	Caliper (GAPI)	16



-31

30	CNLS	-10
30	Compensated Density (2.71 ma)	-10
10000	Line Tension	0
-0.25	Correction	0.25
	LSPD	