



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-167-23,984-00-00

Company American Warrior, Inc.

Well Eulert #20-35

Field Eulert

County Russell

State Kansas

Location

NW NE NW SW
2470' FSL & 720' FWL

Other Services
DIL/MEL

Sec: 35

Twp: 11S

Rge: 15W

Elevation

Permanent Datum Ground Level Elevation 1812

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

K.B. 1820
D.F.
G.L. 1812

Drilling Measured From Kelly Bushing

Date 7/17/2014

Run Number One

Type Log CNL / CDL

Depth Driller 3386

Depth Logger 3387

Bottom Logged Interval 3366

Top Logged Interval 2500

Type Fluid In Hole Chemical

Salinity, PPM CL 2900

Density 9.2

Level Full

Max. Rec. Temp. F 110

Operating Rig Time 4 Hours

Equipment -- Location 15 Hays

Recorded By D.Kerr

Witnessed By Adam Folk

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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

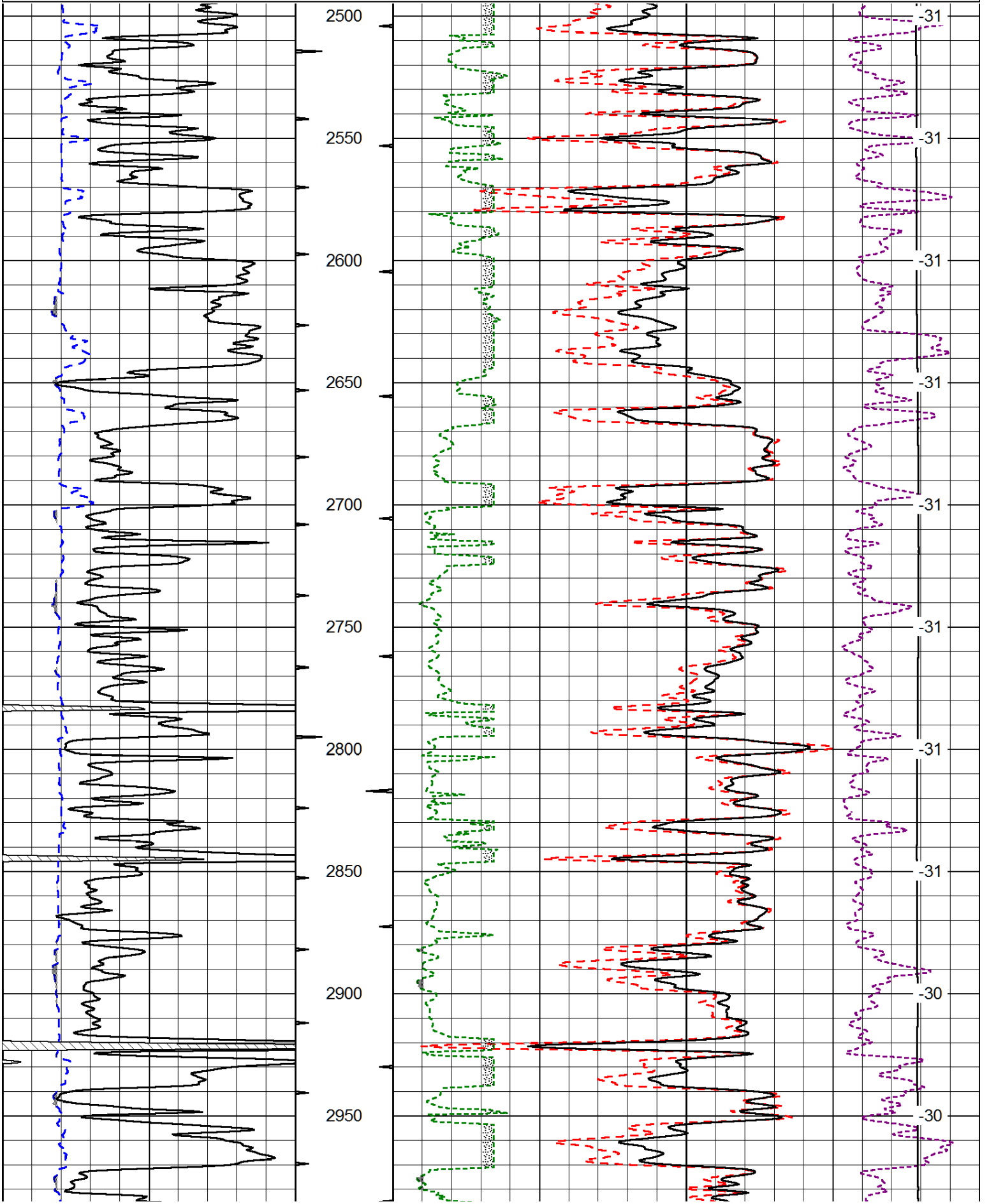
Thank you for using Log-Tech, Inc.
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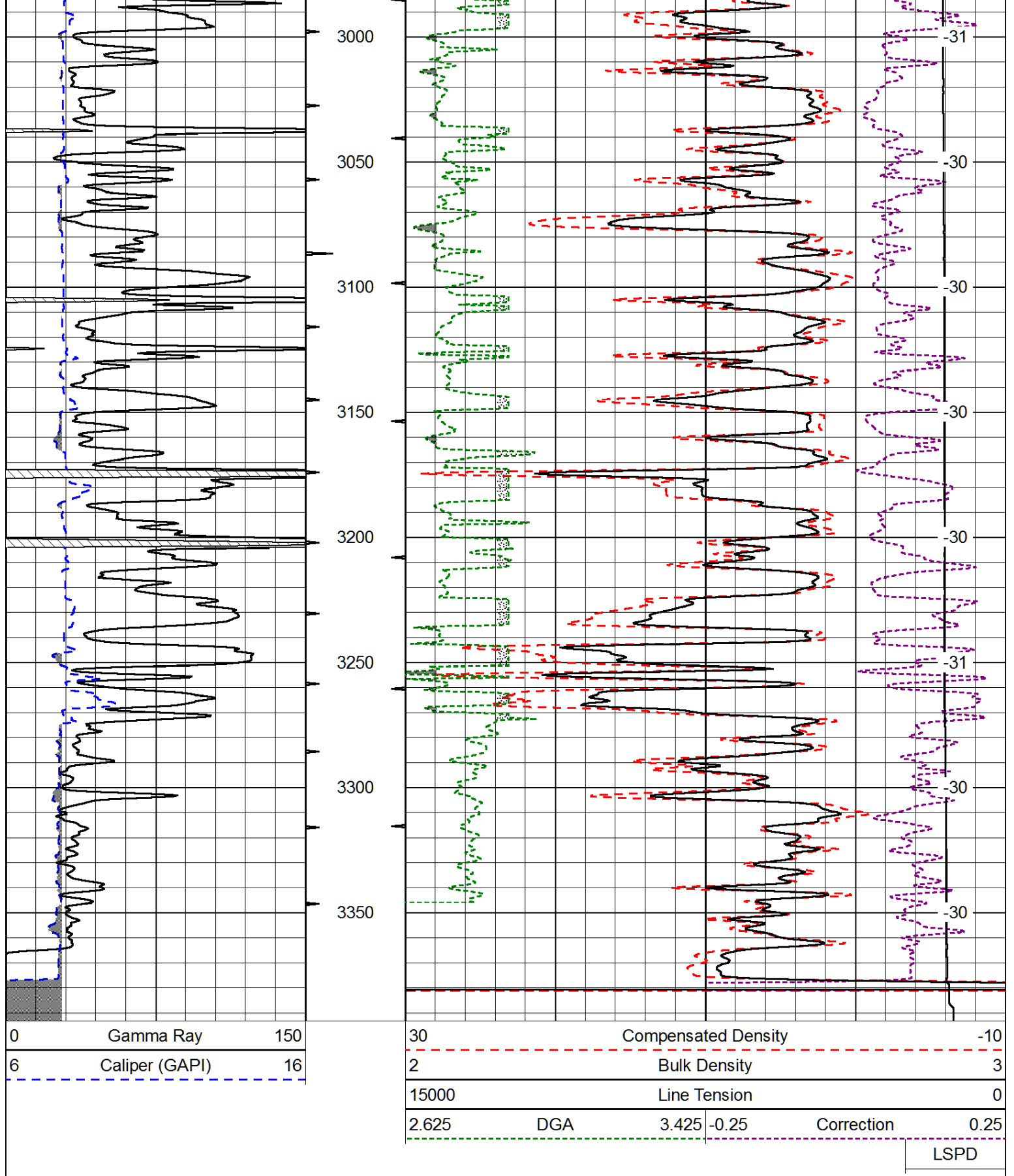
Paradise KS, South on Paradise RD to 180 ST,
2 1/4 South, 3/4 South and East Into

Database File: americanwarrior_eulert_20_35hd.db
Dataset Pathname: DIL/awstk
Presentation Format: cdl
Dataset Creation: Thu Jul 17 15:18:02 2014
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
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			





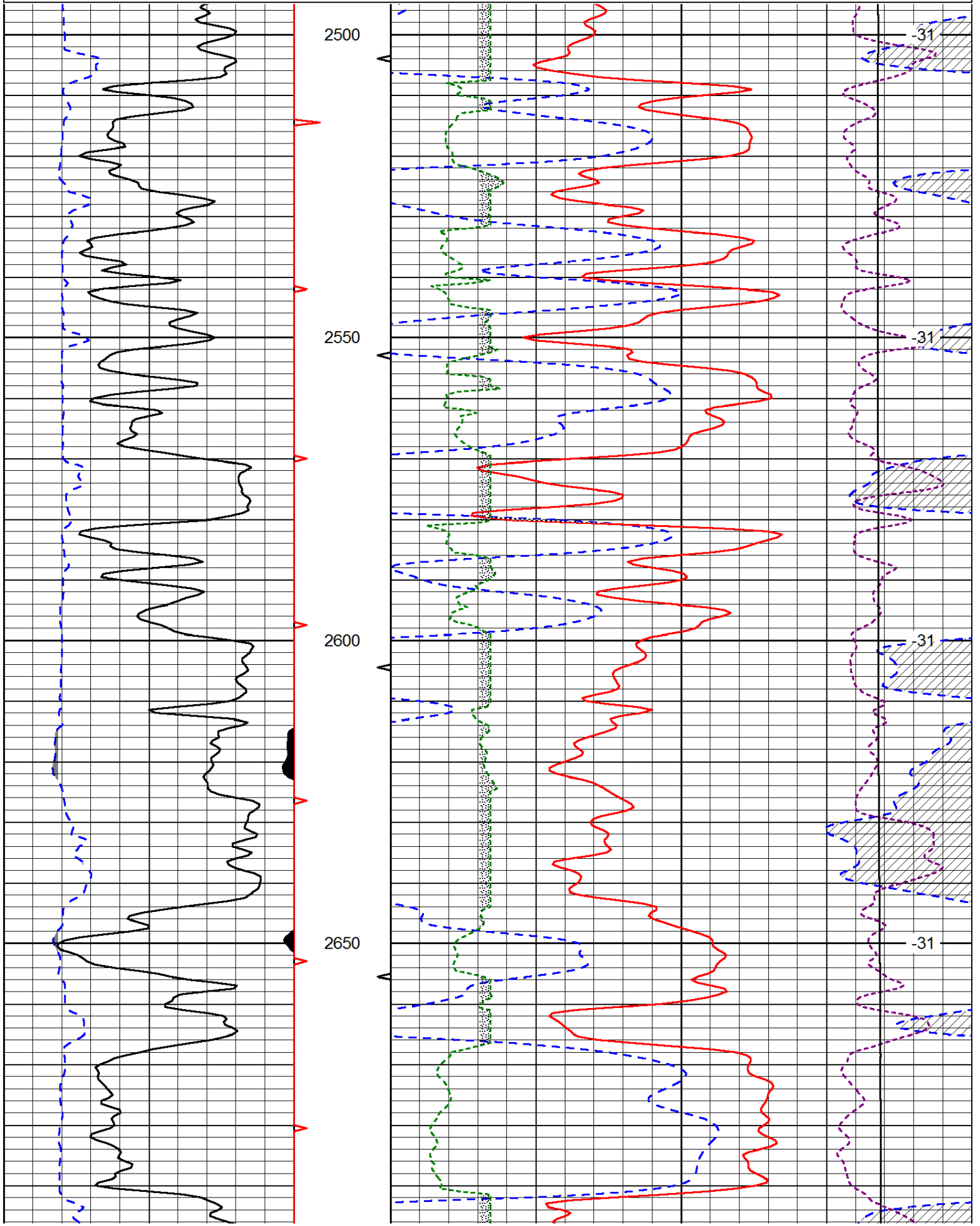
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 Dataset Pathname: DIL/awstk
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 Dataset Creation: Thu Jul 17 15:18:02 2014
 Charted by: Depth in Feet scaled 1:240

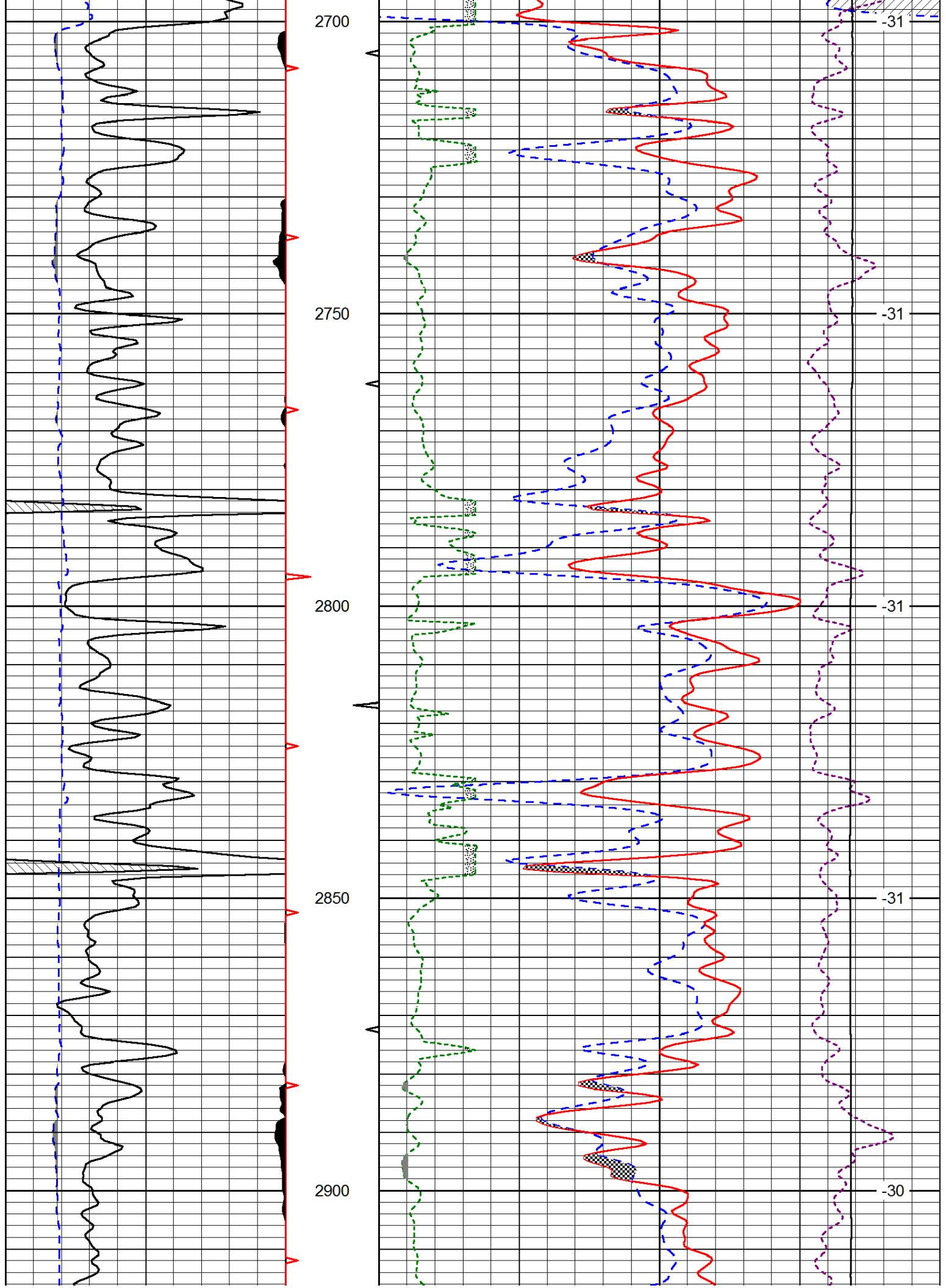


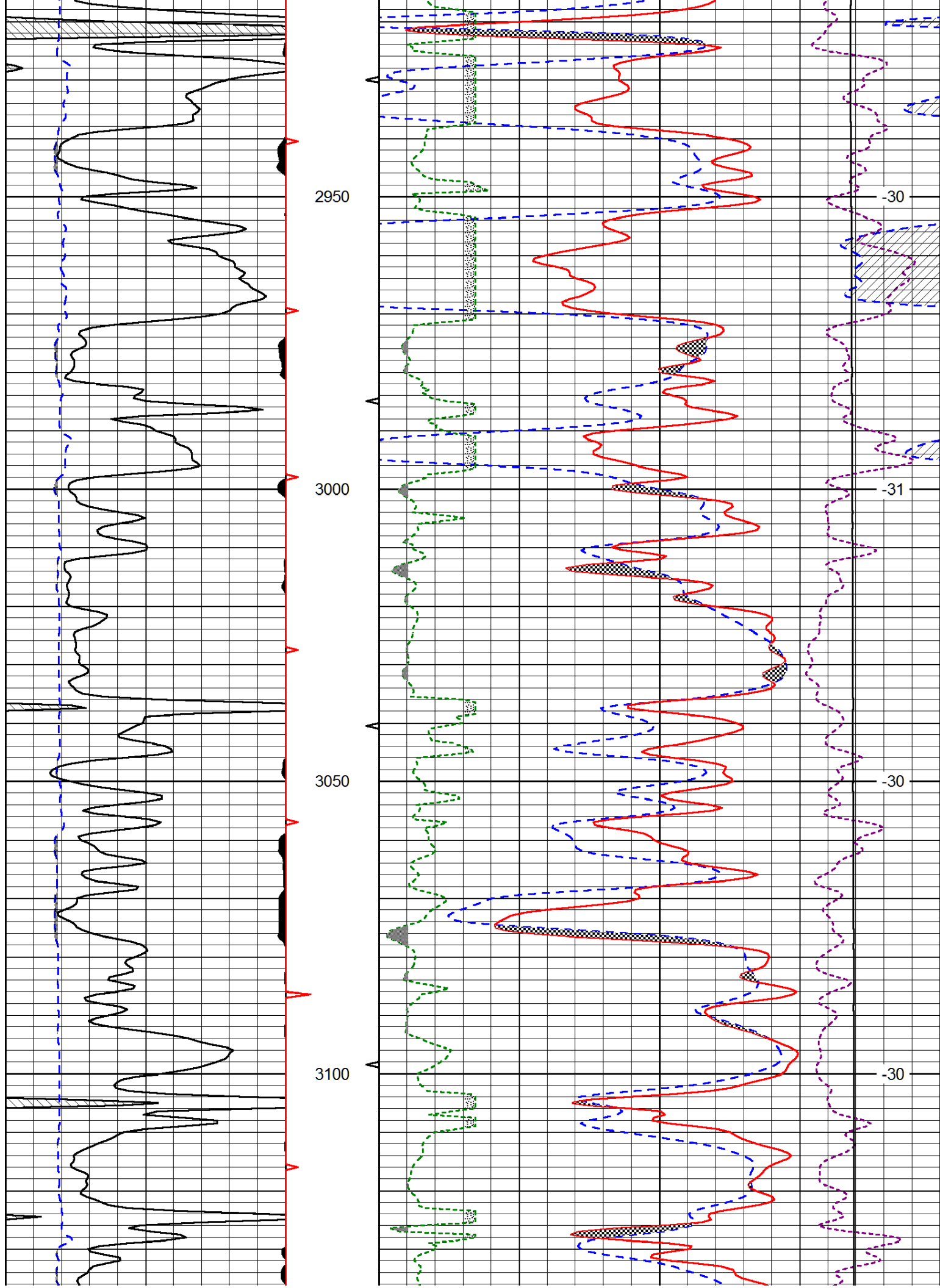
Caliper (GAP1)

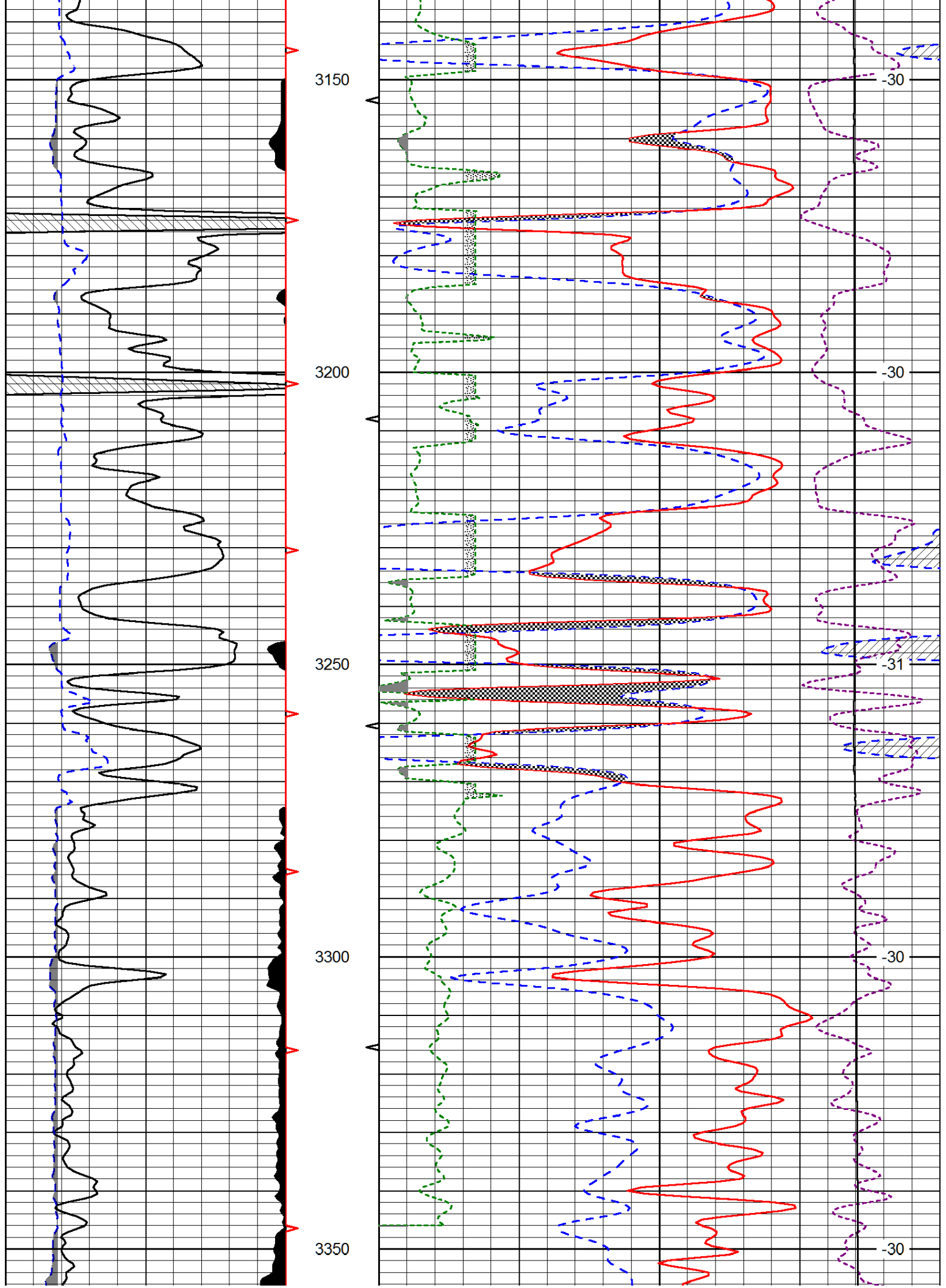
30	Compensated Density (2.71 ma)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
10000	Line Tension				0

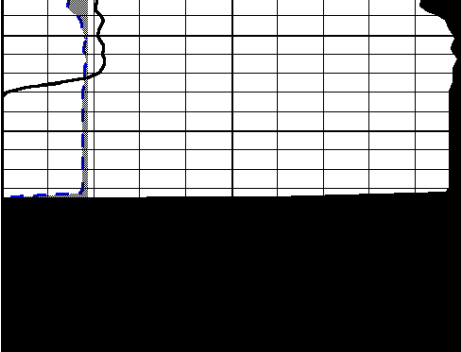
LSPD



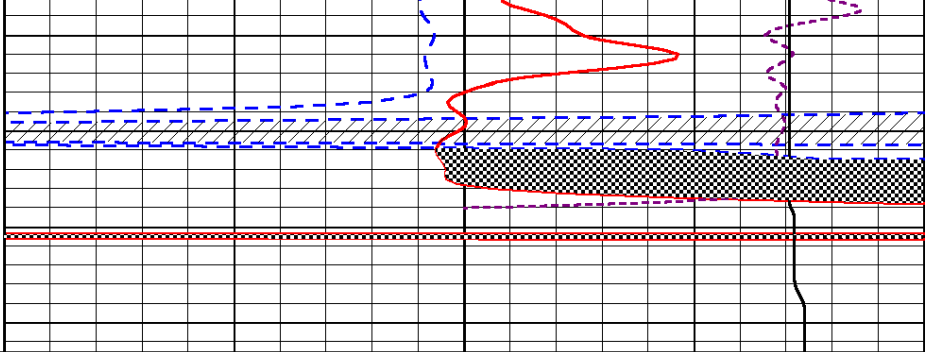








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6	Caliper (GAPI)	16



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2.625	DGA	3.425	-0.25	Correction	0.25
10000	Line Tension				0

LSPD