



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-159-22816-00-00

Company Lebsack Oil Production, Inc.

Well North River #5

Field Groves

County Rice

State Kansas

Location 1320' FNL / 1320' FWL

Other Services
DIL/MEL

Sec: 34 Twp: 20S Rge: 10W

Permanent Datum Ground Level Elevation 1716
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 1725
D.F.
G.L. 1716

Date 12/21/2014

Run Number One

Type Log CNL / CDL

Depth Driller 3250

Depth Logger 3248

Bottom Logged Interval 3227

Top Logged Interval 2400

Type Fluid In Hole Chemical

Salinity, PPM CL 5200

Density 9.0

Level Full

Max. Rec. Temp. F 109

Operating Rig Time 4 Hours

Equipment -- Location 15 Hays

Recorded By R. Barnhart

Witnessed By Josh Austin

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

To

One 12.25

00

264

8.625

23#

00

264

Two 7.875

264

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

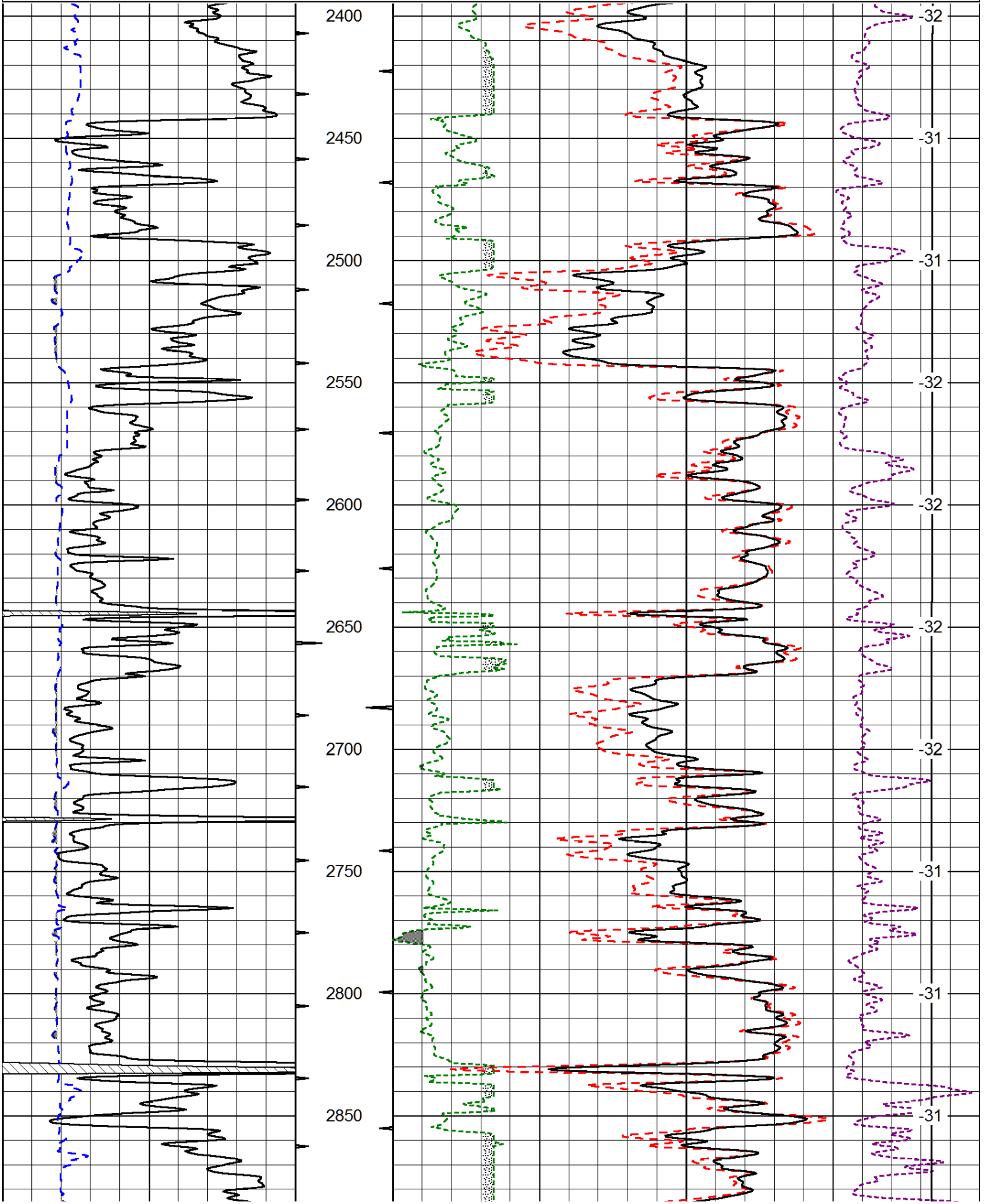
Thank you for using Log-Tech, Inc.
(785) 625-3858

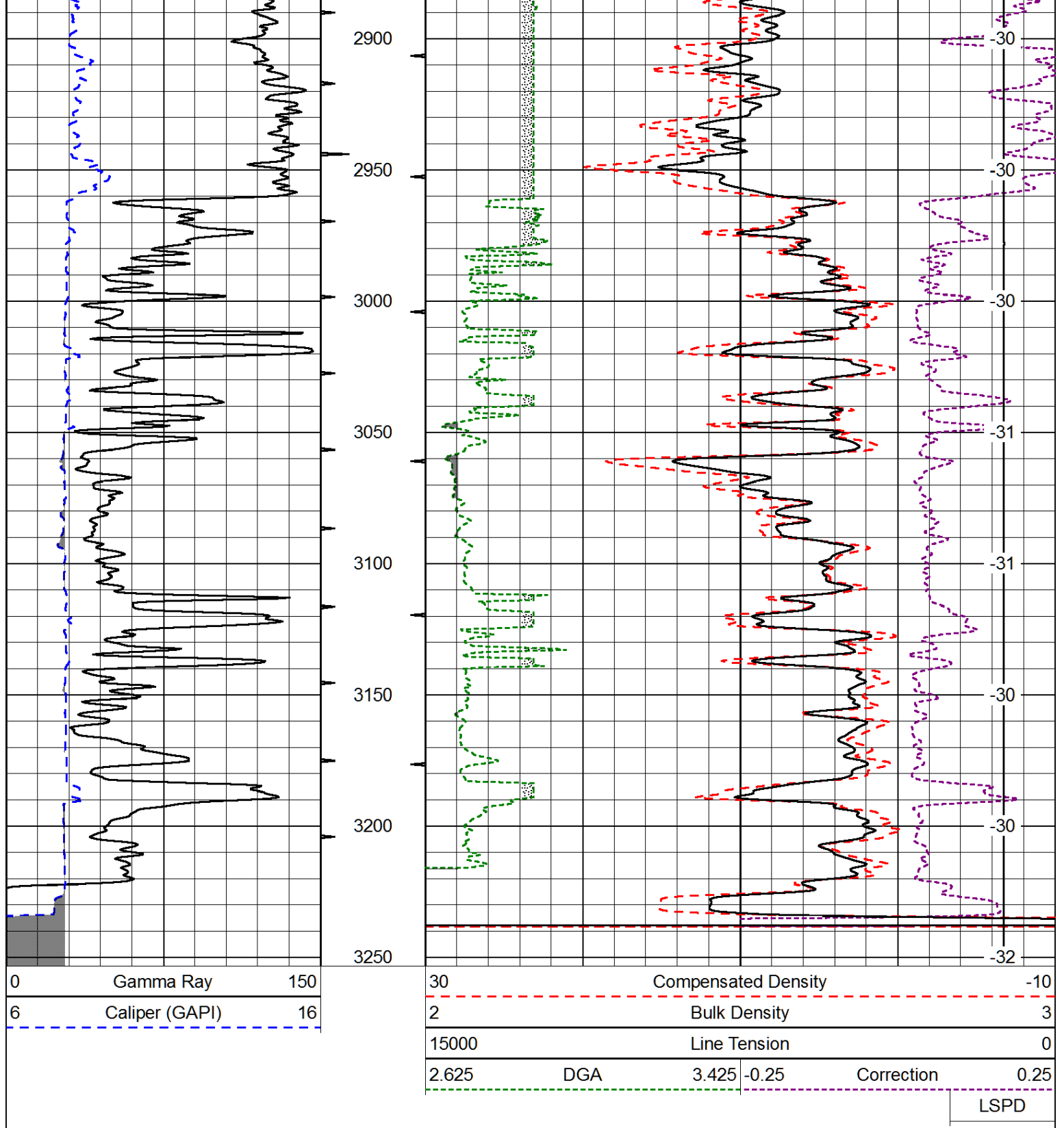
Raymond, KS:
1/2W, S into

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Dataset Pathname: dil/lebsmain
Presentation Format: cdl
Dataset Creation: Sun Dec 21 21:02:52 2014
Charted by: Depth in Feet scaled 1:600

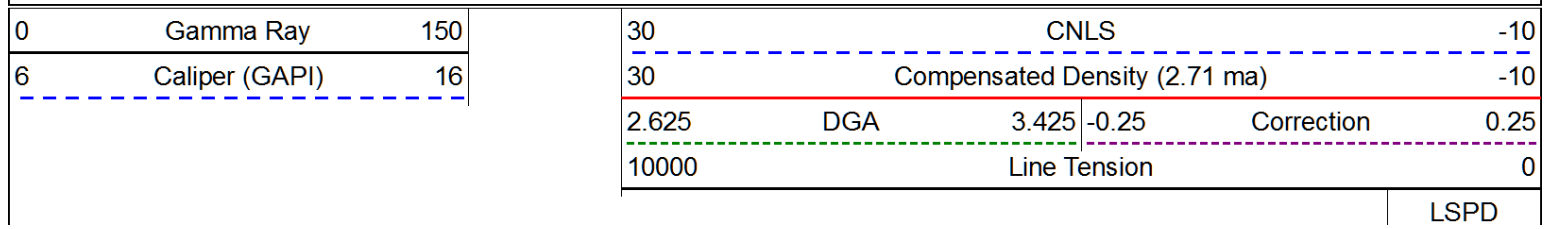
0	Gamma Ray	150
6	Caliper (GAPI)	16

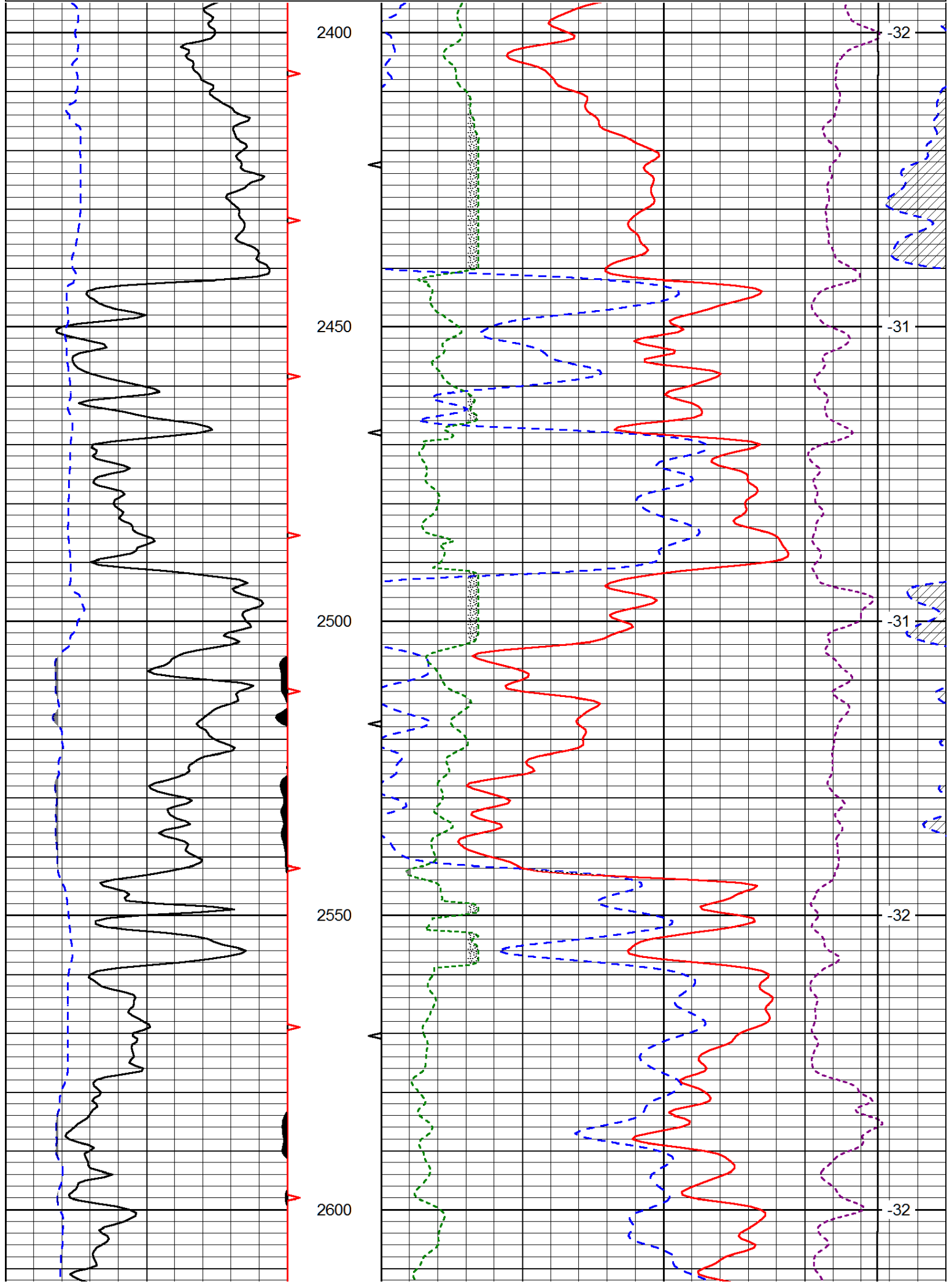
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			

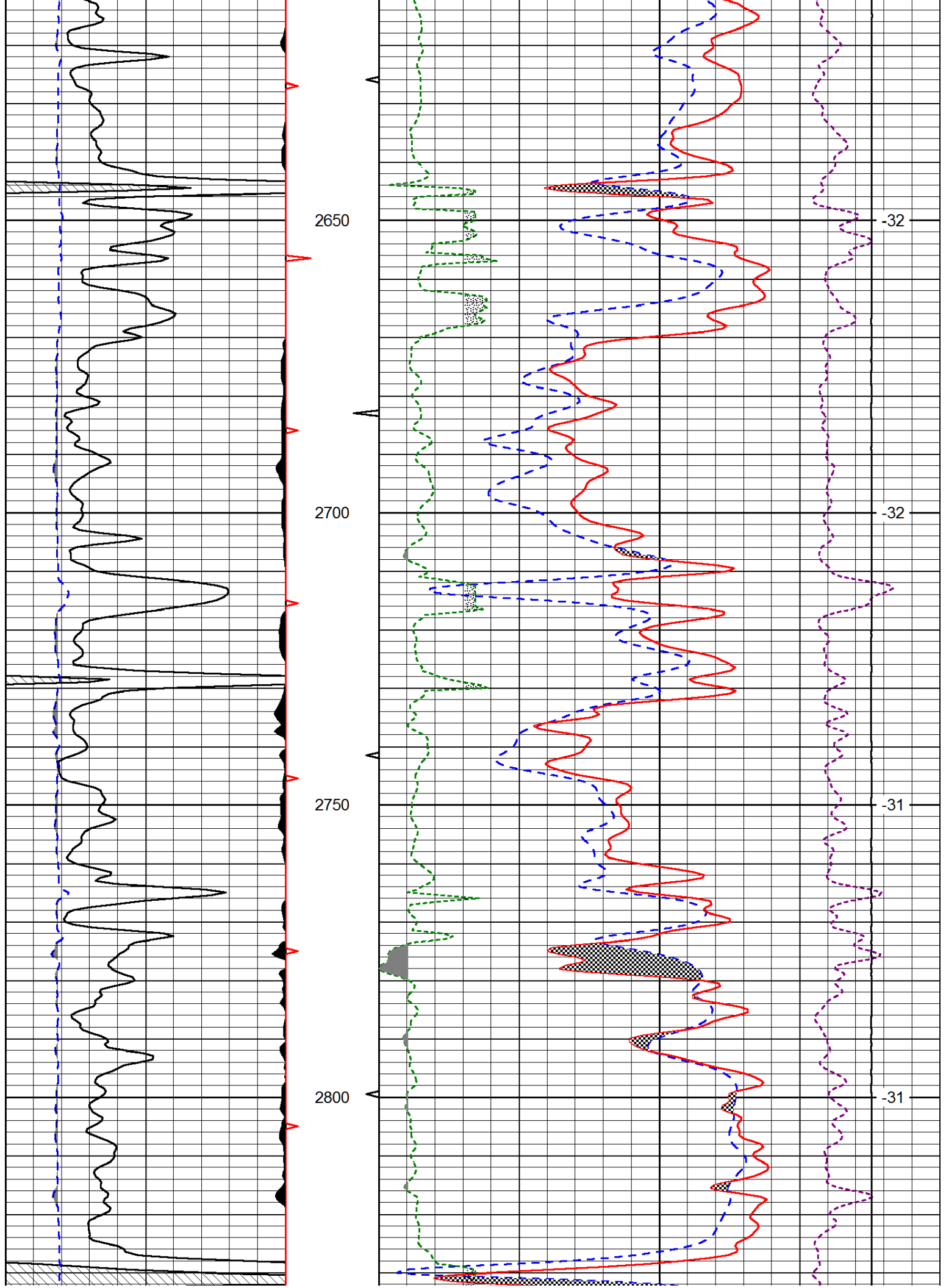


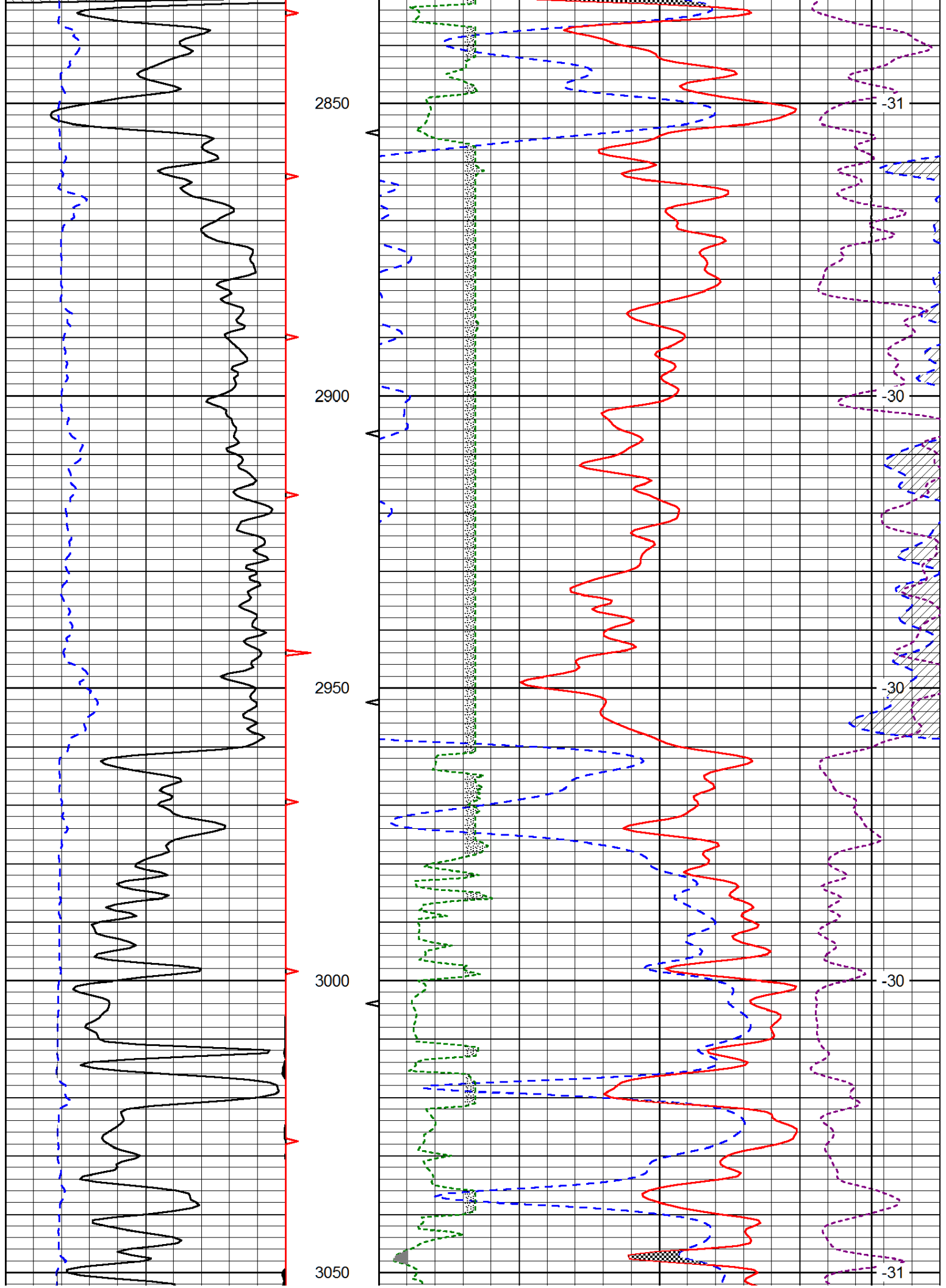


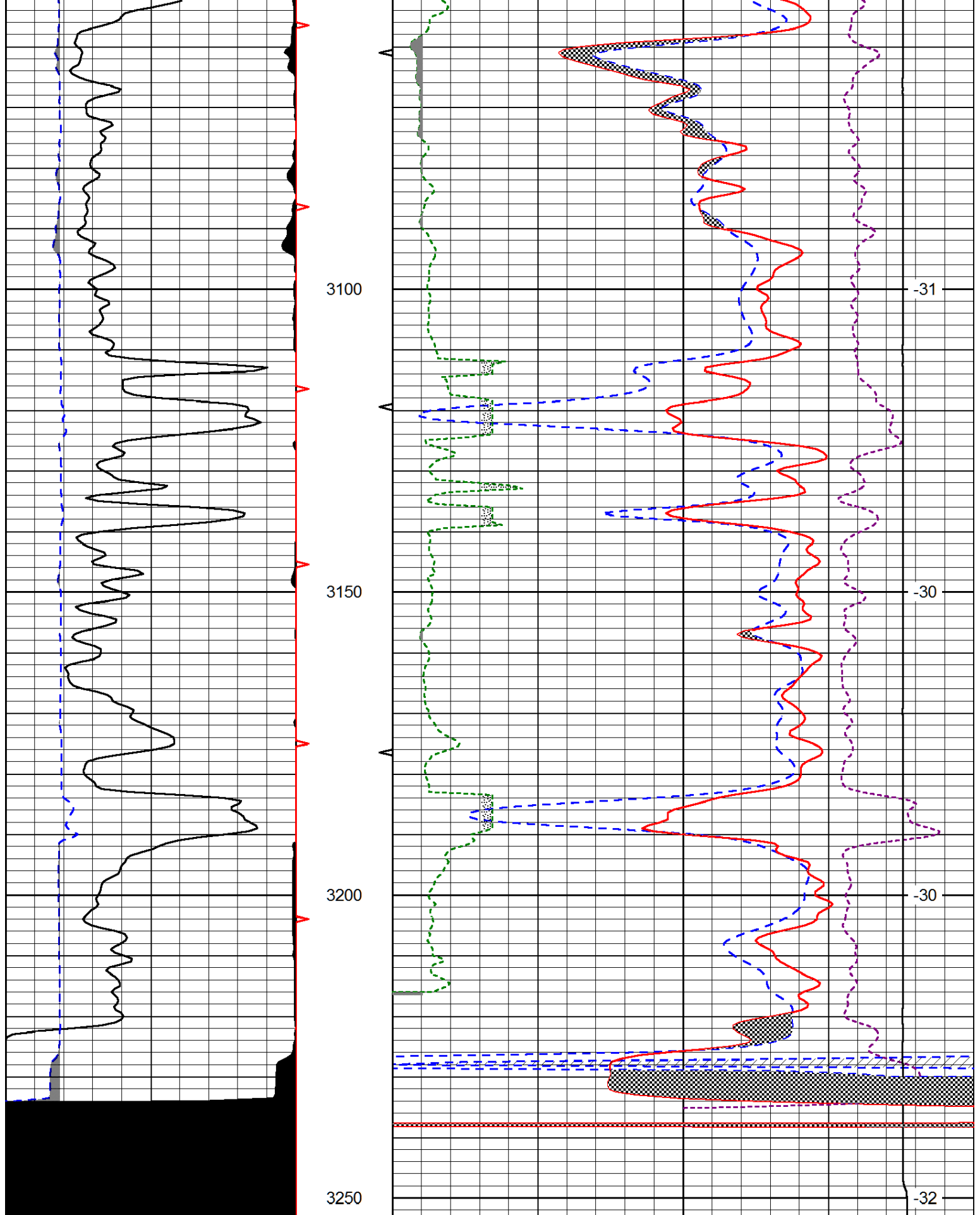
Database File: lebsack_hd.db
Dataset Pathname: di/lebmain
Presentation Format: cndlspec
Dataset Creation: Sun Dec 21 21:02:52 2014
Charted by: Depth in Feet scaled 1:240











0	Gamma Ray	150
6	Caliper (GAPI)	16
30	CNLS	-10
30	Compensated Density (2.71 ma)	-10
2.625	DGA	3.425 -0.25 Correction 0.25
10000	Line Tension	0

