



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-159-22770-00-00

Company **Mike Kelso Oil, Inc.**

Well **Volkland A #7**

Field **Orth**

County **Rice**

State **Kansas**

Location

**NW SW SE SW
2079' FNL & 1342' FWL**

Other Services
DIL/MEI

Sec: **27**

Twp: **18S**

Rge: **10W**

Permanent Datum

Log Measured From

Drilling Measured From

Ground Level
Kelly Bushing
Kelly Bushing

Elevation **1745**
7 Ft. Above Perm. Datum

Elevation

**K.B. 1752
D.F. 1752
G.L. 1745**

Date

4/8/2014

Run Number

One

Type Log

CNL / CDL

Depth Driller

3188

Depth Logger

3188

Bottom Logged Interval

3167

Top Logged Interval

2350

Type Fluid In Hole

Chemical

Salinity, PPM CL

5000

Density

9.0

Level

Full

Max. Rec. Temp. F

110

Operating Rig Time

4 Hours

Equipment -- Location

91 Hays

Recorded By

D. Schmidt

Witnessed By

Steve Reed

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

One

12.25

00

436

8.625

23#

00

436

Two

7.875

436

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

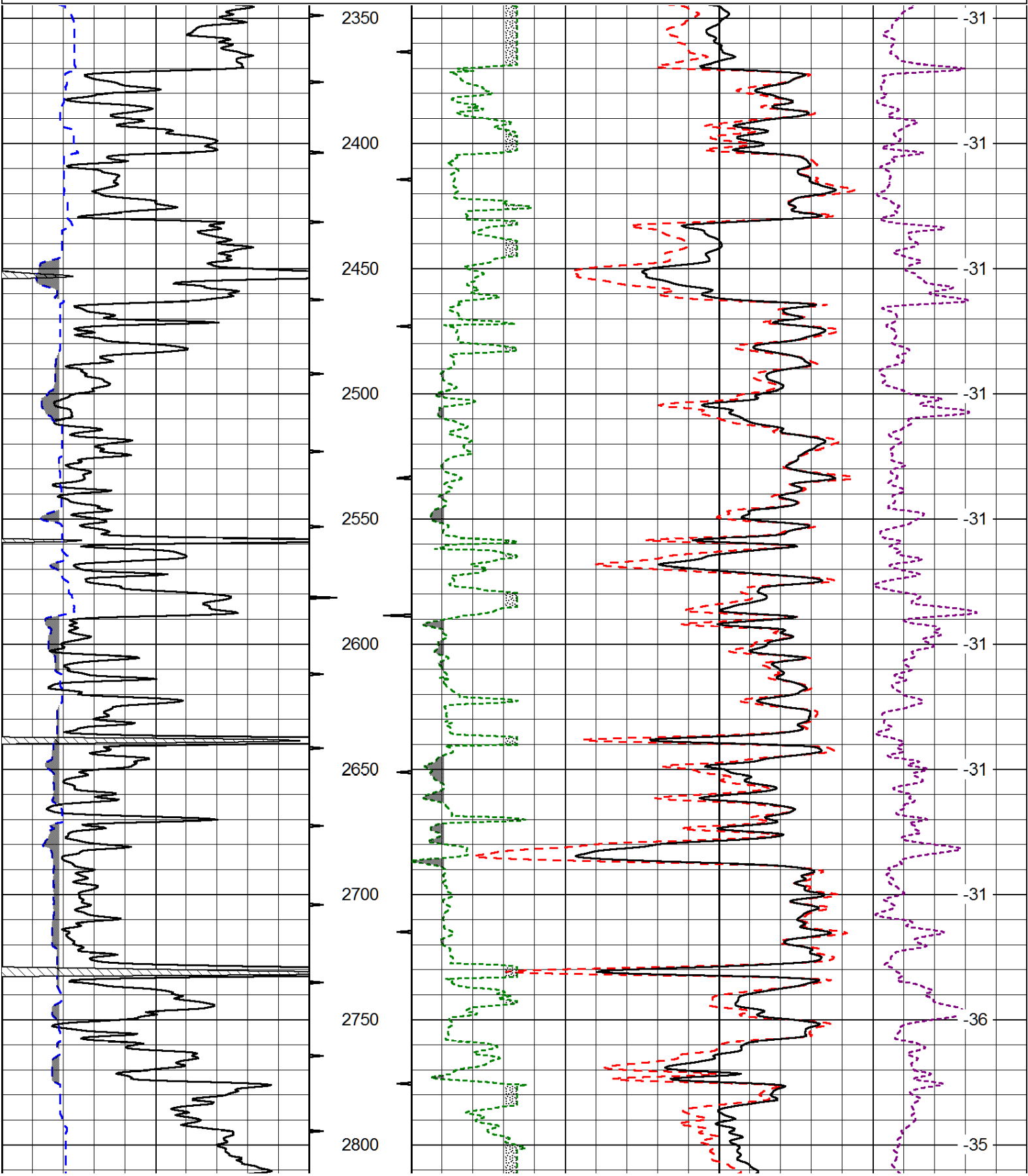
Thank you for using Log-Tech, Inc.
(785) 625-3858

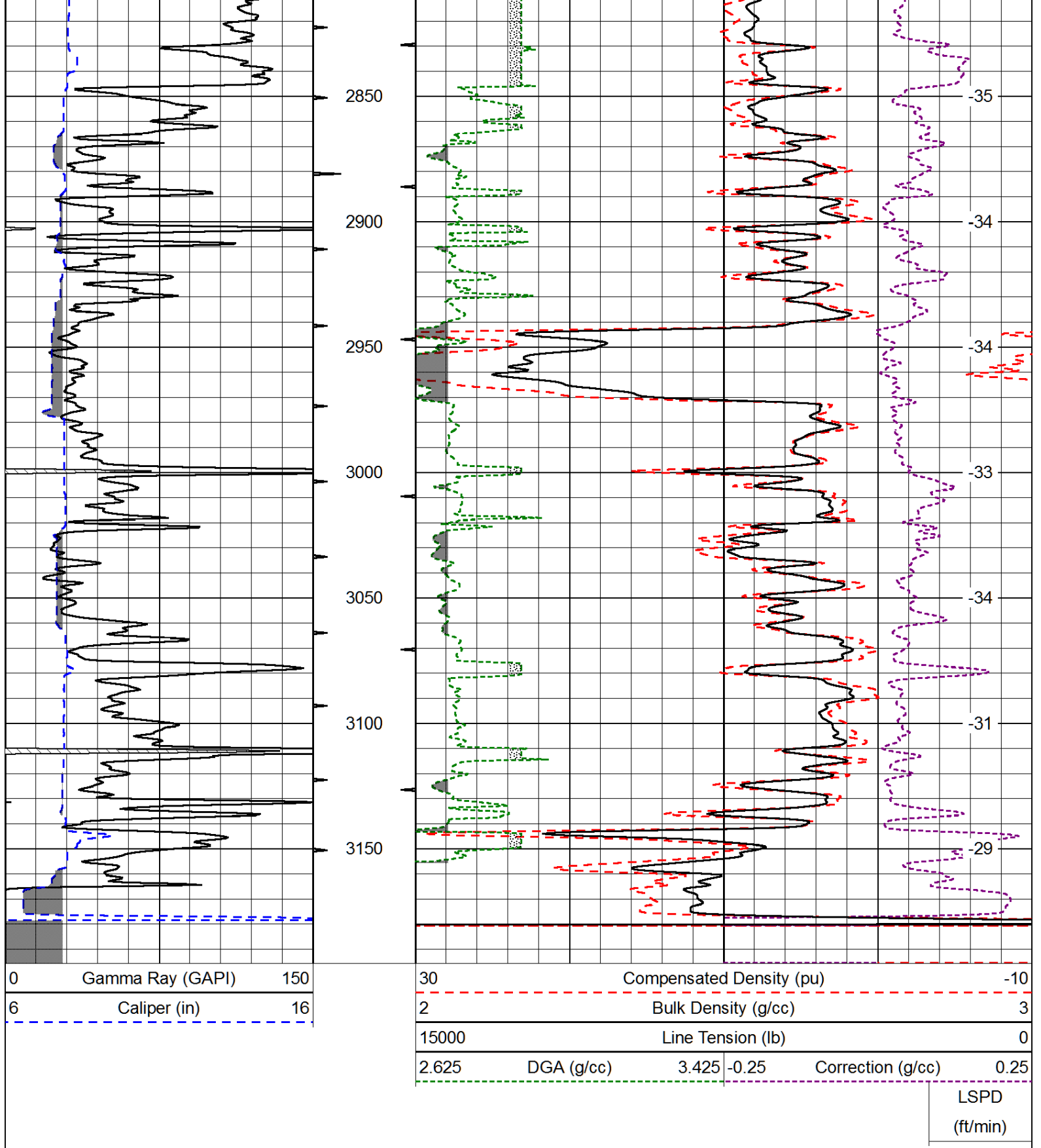
Clafin,
East to Rd 4, 4 1/4 South,
East into

Database File: kelso_040814hd.db
Dataset Pathname: dil/kelstack
Presentation Format: cdl
Dataset Creation: Tue Apr 08 09:48:06 2014
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
2.625	DGA (g/cc)	3.425	-0.25
	Correction (g/cc)		0.25
	LSPD		(ft/min)

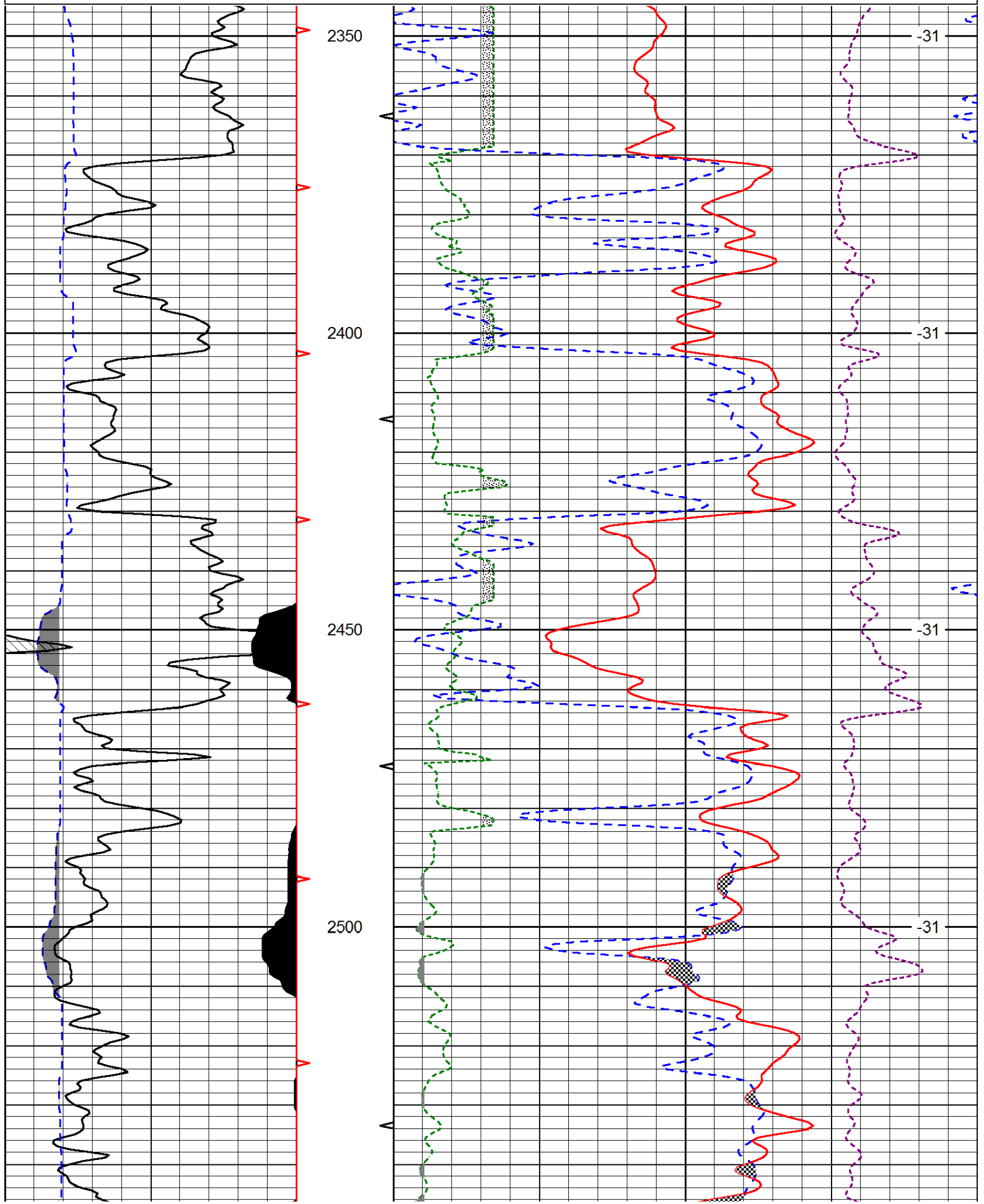


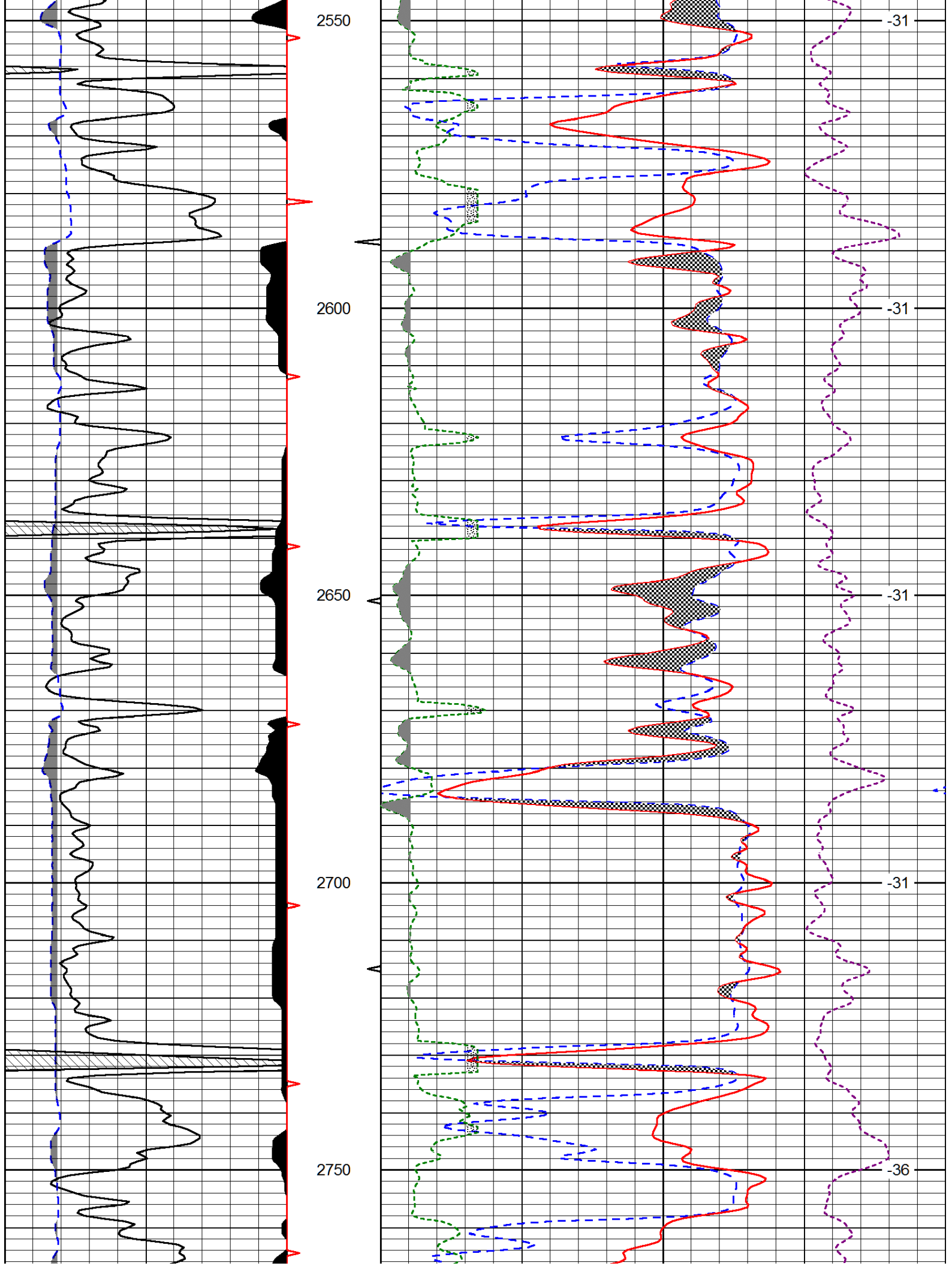


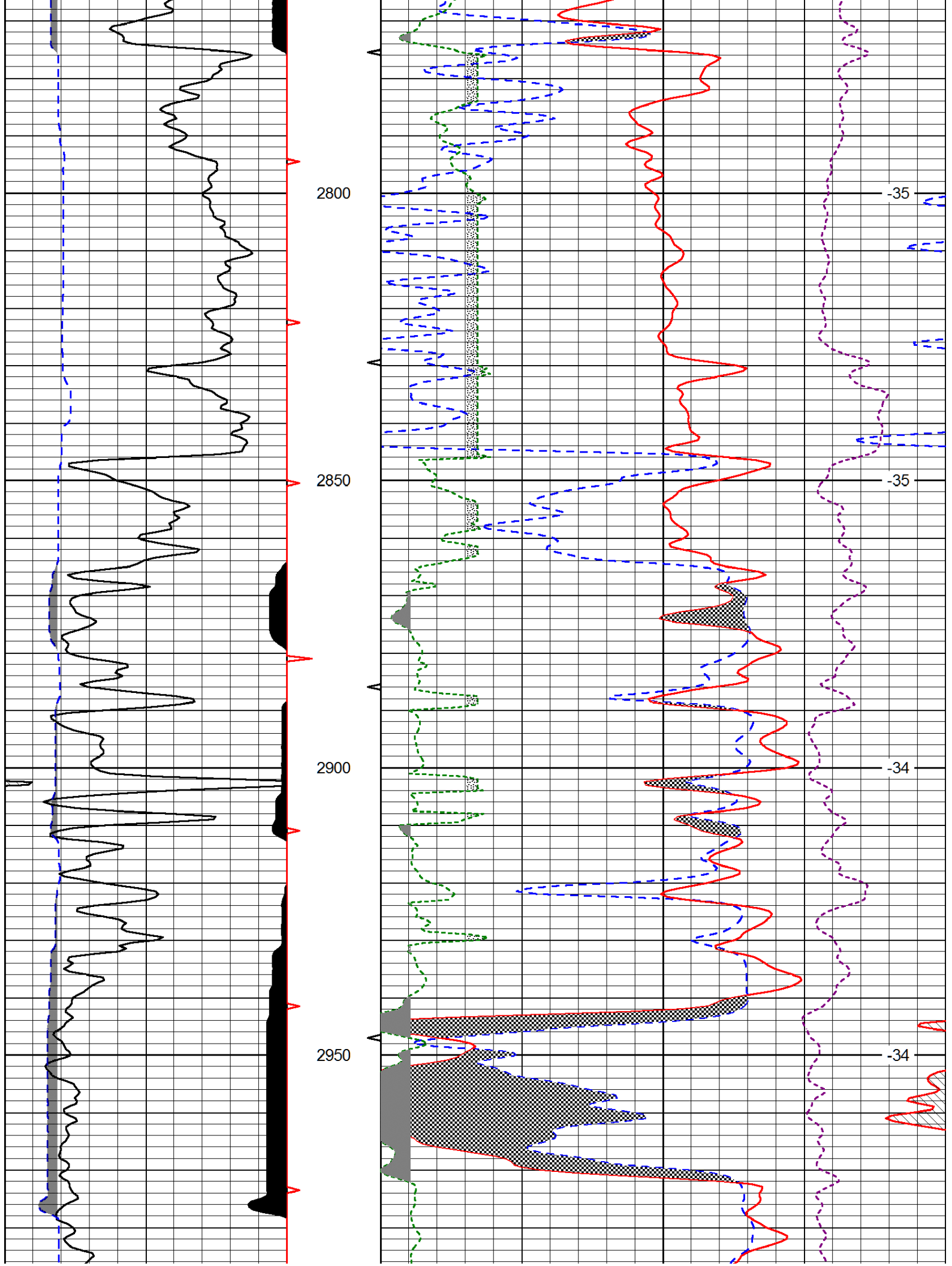
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 Dataset Pathname: dil/kelstack
 Presentation Format: cndlspec
 Dataset Creation: Tue Apr 08 09:48:06 2014
 Charted by: Depth in Feet scaled 1:240

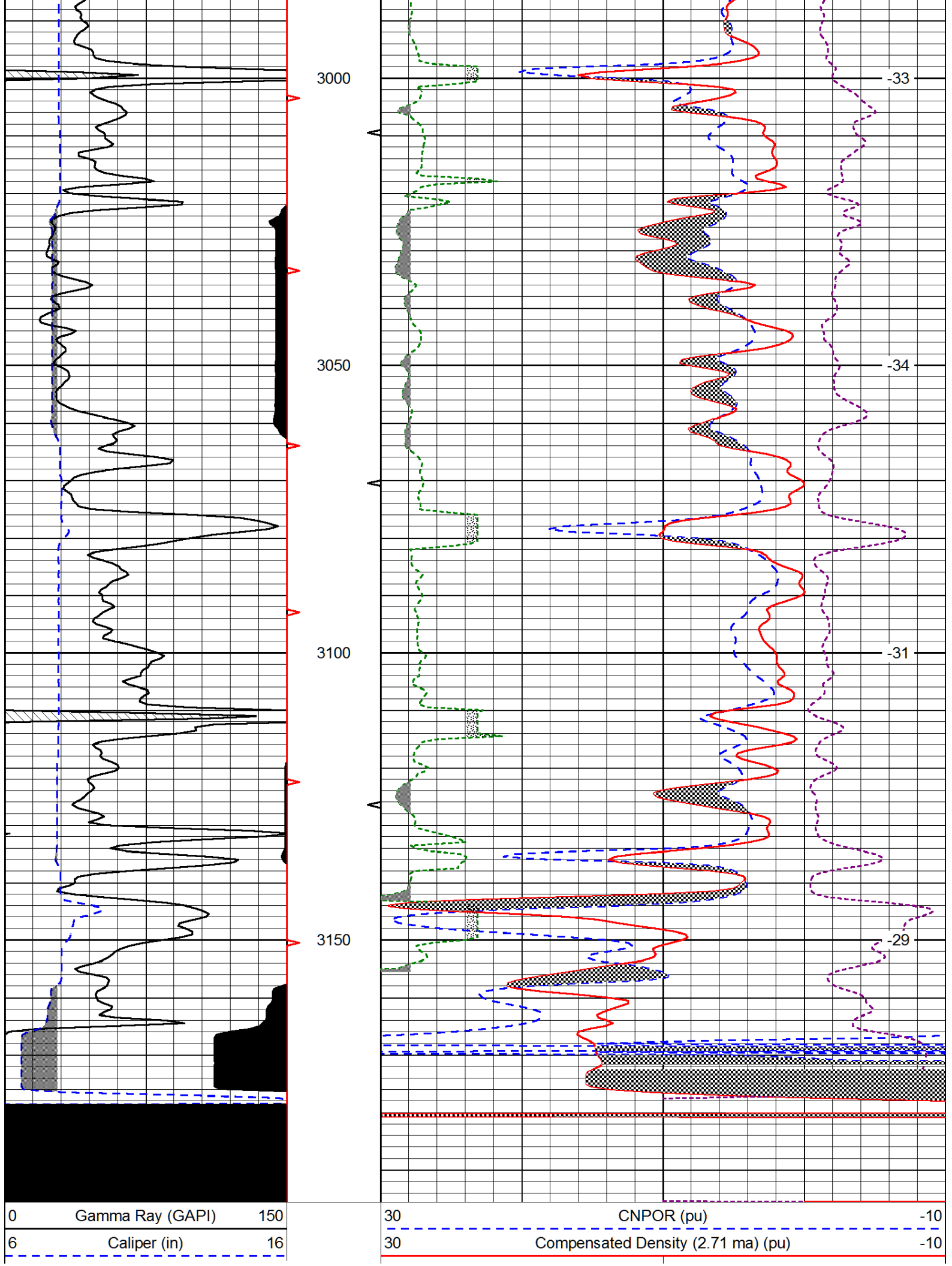


LSPD
(ft/min)









	2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
	10000	Line Tension (lb)				0
						LSPD (ft/min)