



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-167-23,957-00-00

Company Fossil Energy, LLC.

Well Starkey #1-35

Field Unnamed

County Russell

State Kansas

Location

NW SE SE SW
467' FSL & 2032' FWL

Other Services
DIL/MEL

Sec: 35

Twp: 12S

Rge: 14W

Elevation

Permanent Datum Ground Level Elevation 1579
Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date

Run Number

Type Log

Depth Driller

Depth Logger

Bottom Logged Interval

Top Logged Interval

Type Fluid In Hole

Salinity, PPM CL

Density

Level

Max. Rec. Temp. F

Operating Rig Time

Equipment -- Location

Recorded By

Witnessed By

Run No.

Bit

One

Two

3/12/2014

One

CNL / CDL

3090

3089

3068

2400

Chemical

4000

8.9

Full

107

3 1/2 Hours

15 Days

D Kerr

Randall Kilian

Borehole Record

Run No.

Bit

One

Two

Casing Record

Run No.

Bit

One

Two

To

Size

8.625

23#

00

435

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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

Russell KS, 4 North to Land RD,
1/4 East, North Into

Database File: fossil_starkey_1_35hd.db

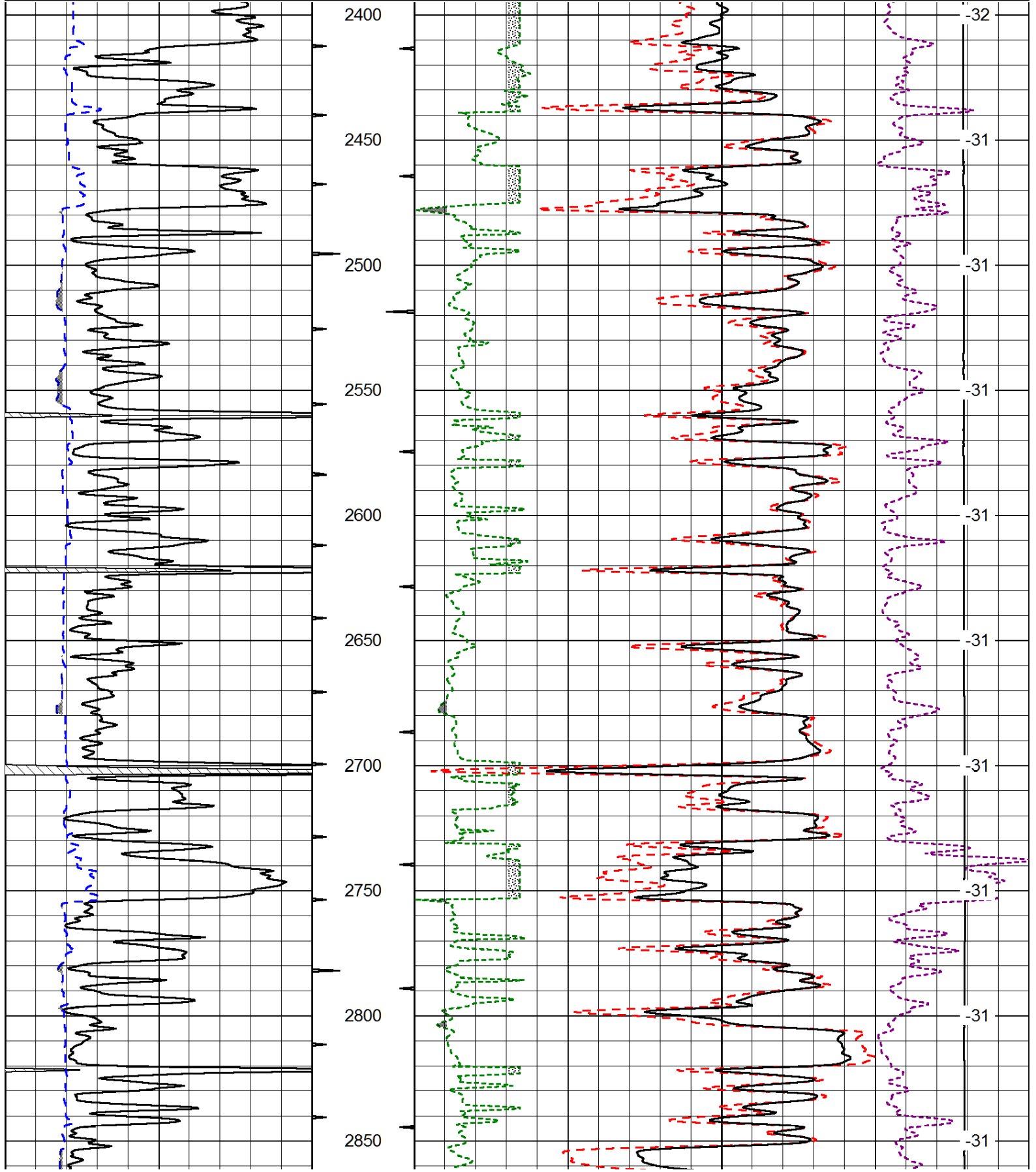
Dataset Pathname: DIL/fosstk

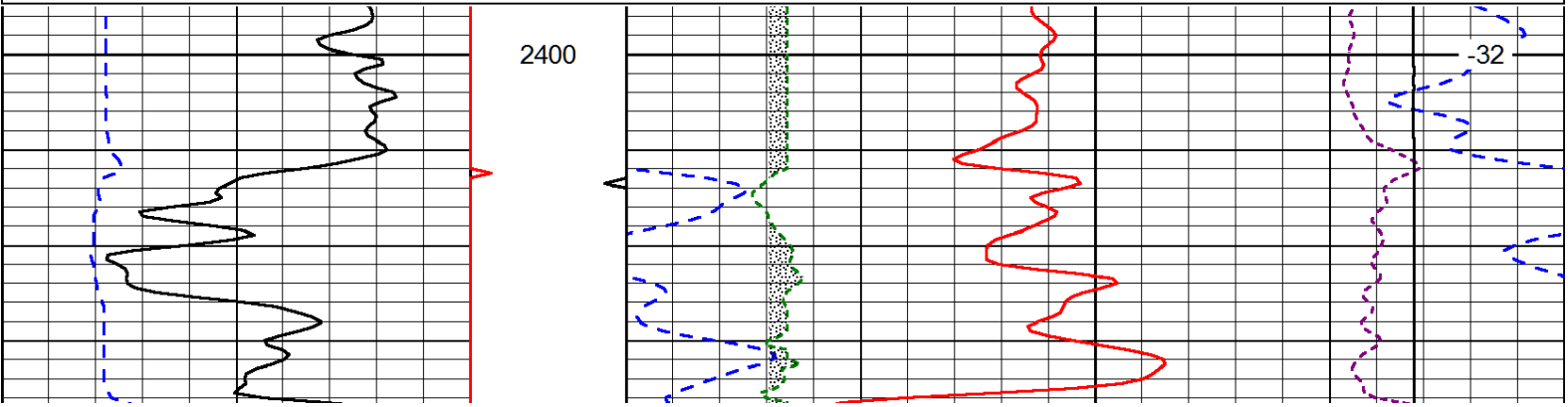
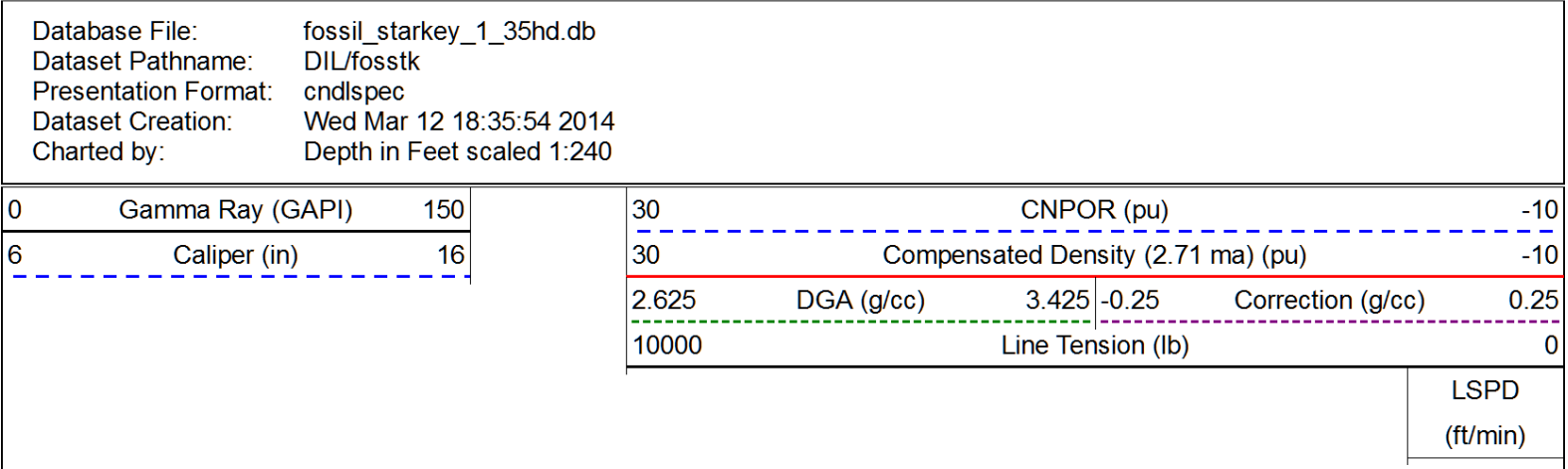
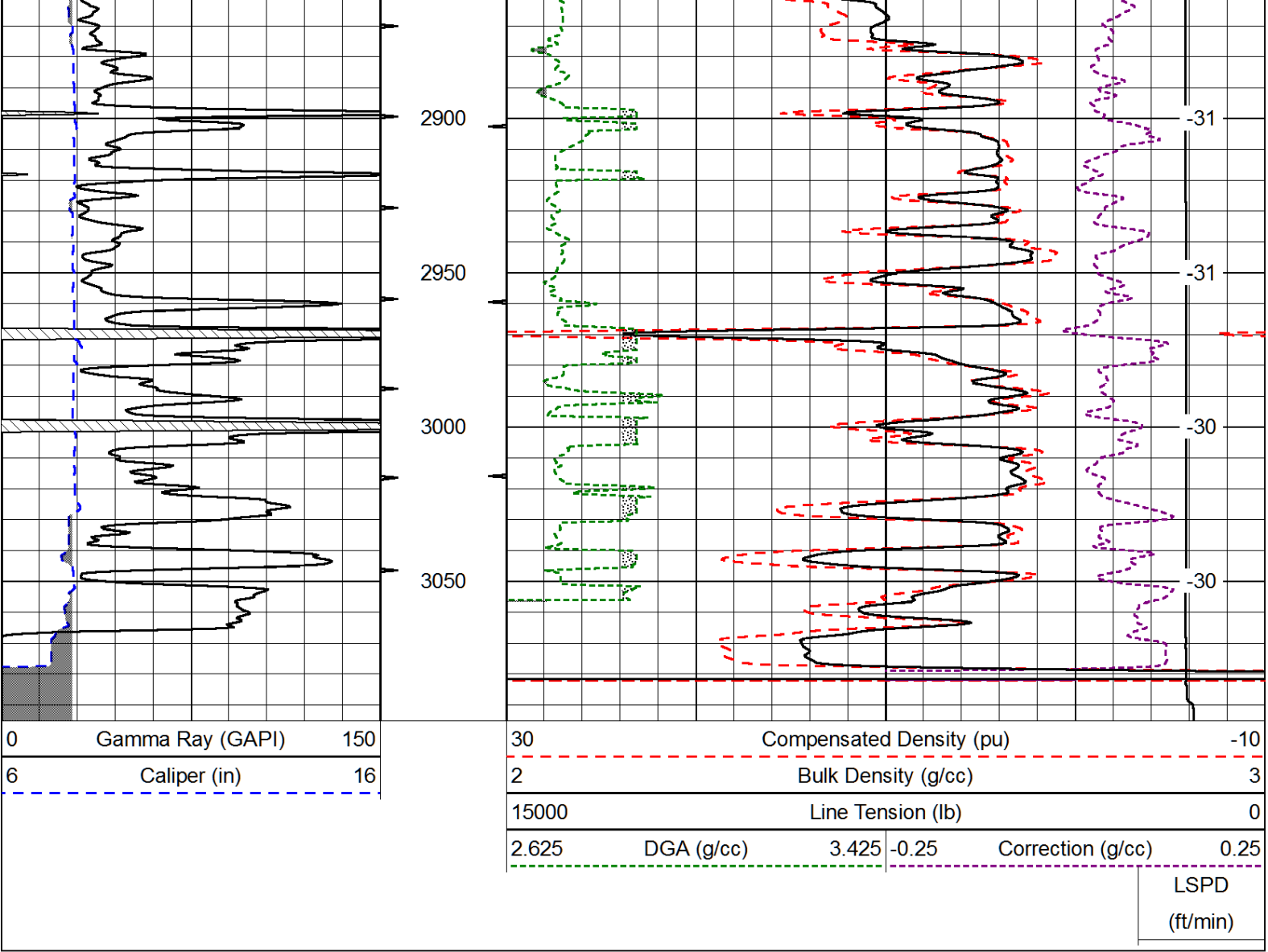
Presentation Format: cdl

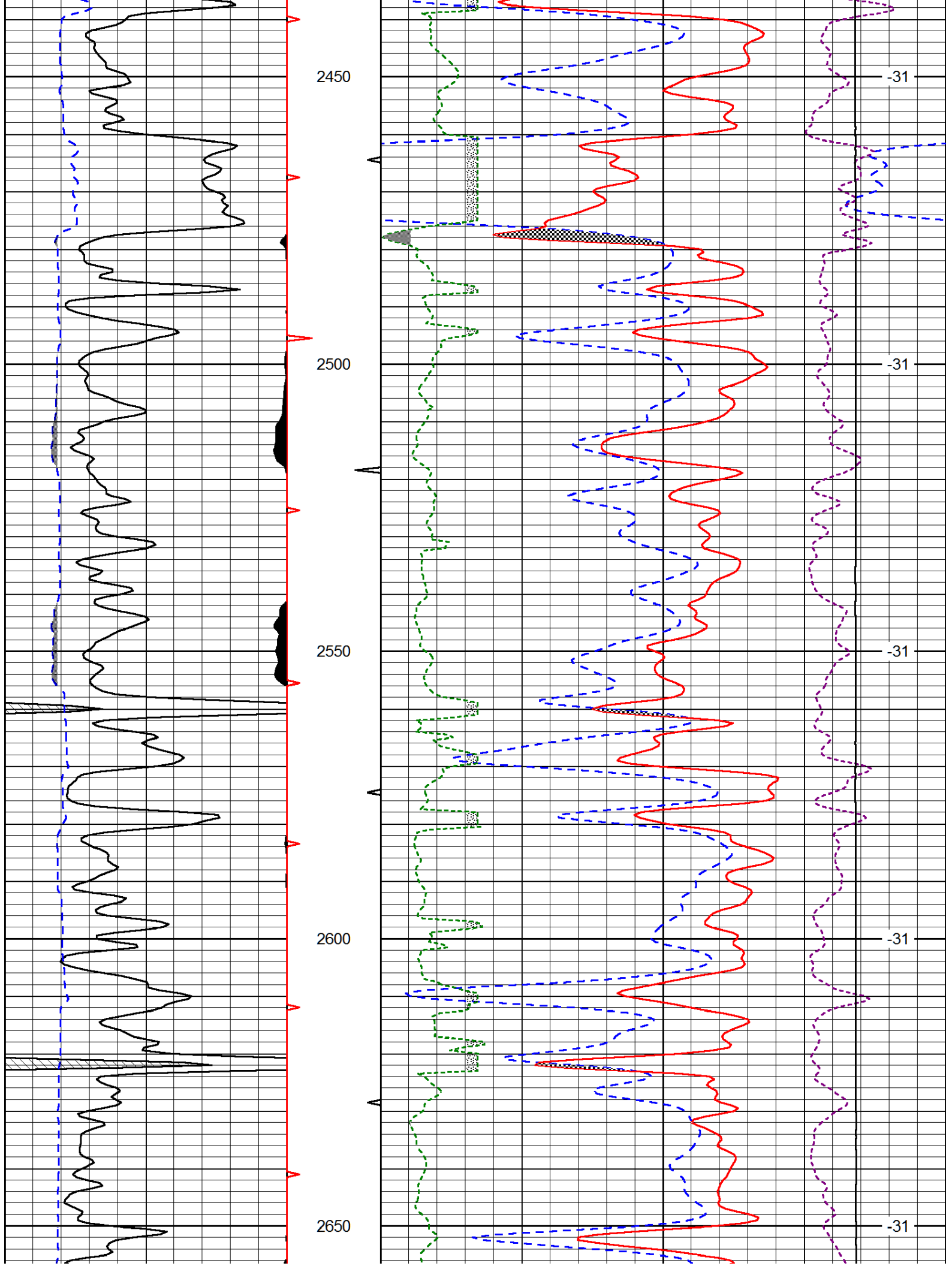
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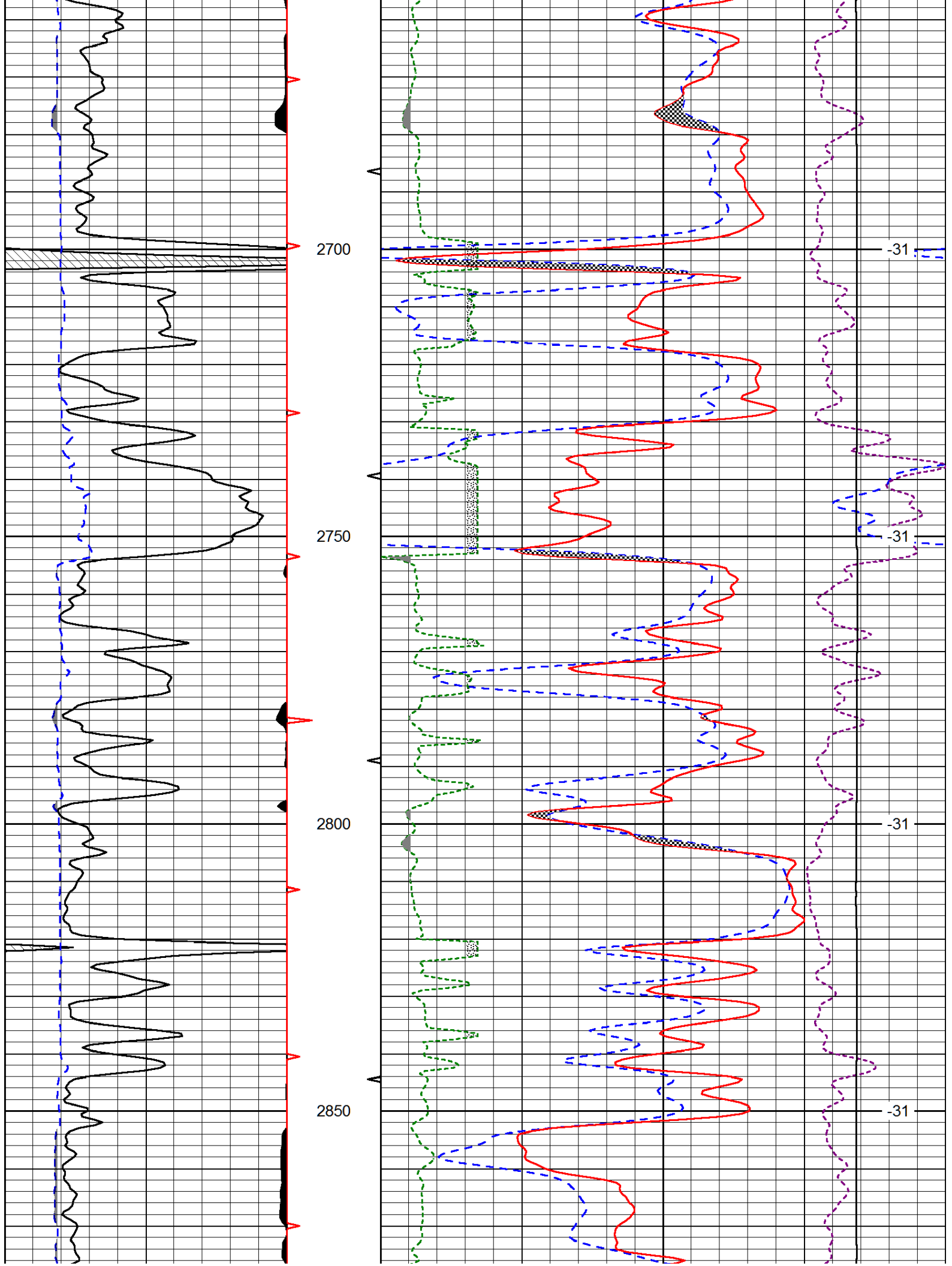
Charted by: Depth in Feet scaled 1:600

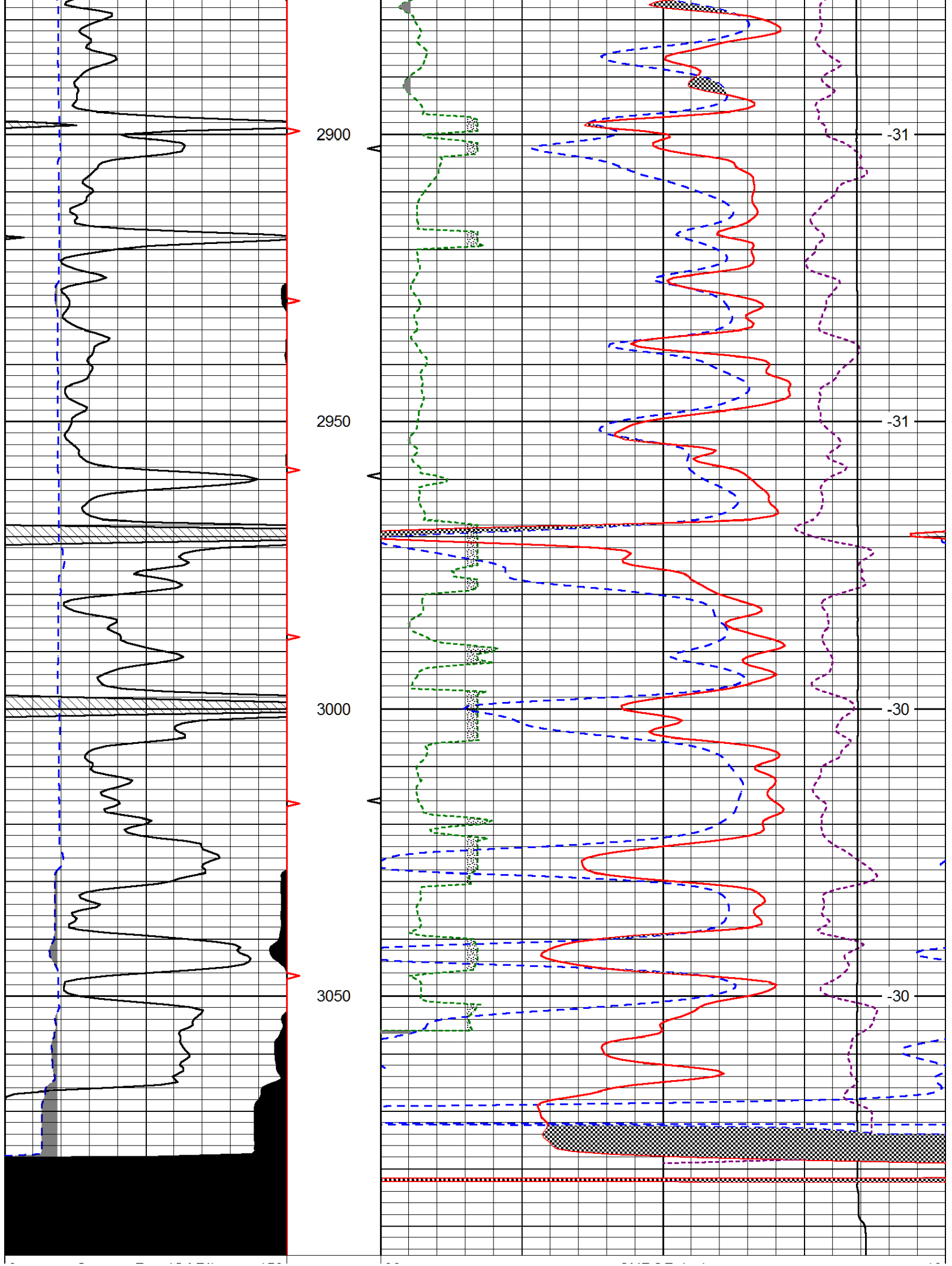
Charted by: Depth in Feet scaled 1:600					
0	Gamma Ray (GAPI)	150	30	Compensated Density (pu)	-10
6	Caliper (in)	16	2	Bulk Density (g/cc)	3
			15000	Line Tension (lb)	0
			2.625	DGA (g/cc)	3.425
			-0.25	Correction (g/cc)	0.25
			LSPD (ft/min)		











0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30		CNPOR (pu)		-10	
30		Compensated Density (2.71 ma) (pu)		-10	
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25
10000		Line Tension (lb)		0	
				LSPD (ft/min)	