



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-051-26,603-00-00

Company Brungardt Oil and Leasing, Inc.
Well C.B. Beery #7
Field Emmeran NE
County Ellis
State Kansas

Location 2140' FNL & 1670' FWL

Sec: 34 Twp: 12S Rge: 16W

Other Services
DIL/MEI

Elevation
K.B. 2041
D.F. 2036
G.L. 2036

Permanent Datum Ground Level
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date 9/13/2013

Run Number One

Type Log CNL / CDL

Depth Driller 3590

Depth Logger 3589

Bottom Logged Interval 3588

Top Logged Interval 200

Type Fluid In Hole Chemical

Salinity, PPM CL 6000

Density 9.1

Level Full

Max. Rec. Temp. F 112

Operating Rig Time 4 Hours

Equipment -- Location 15 Days

Recorded By D Kerr

Witnessed By Bob Hopkins

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

One

12.25

00

224

8.625

23#

00

224

Two

7.875

224

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.

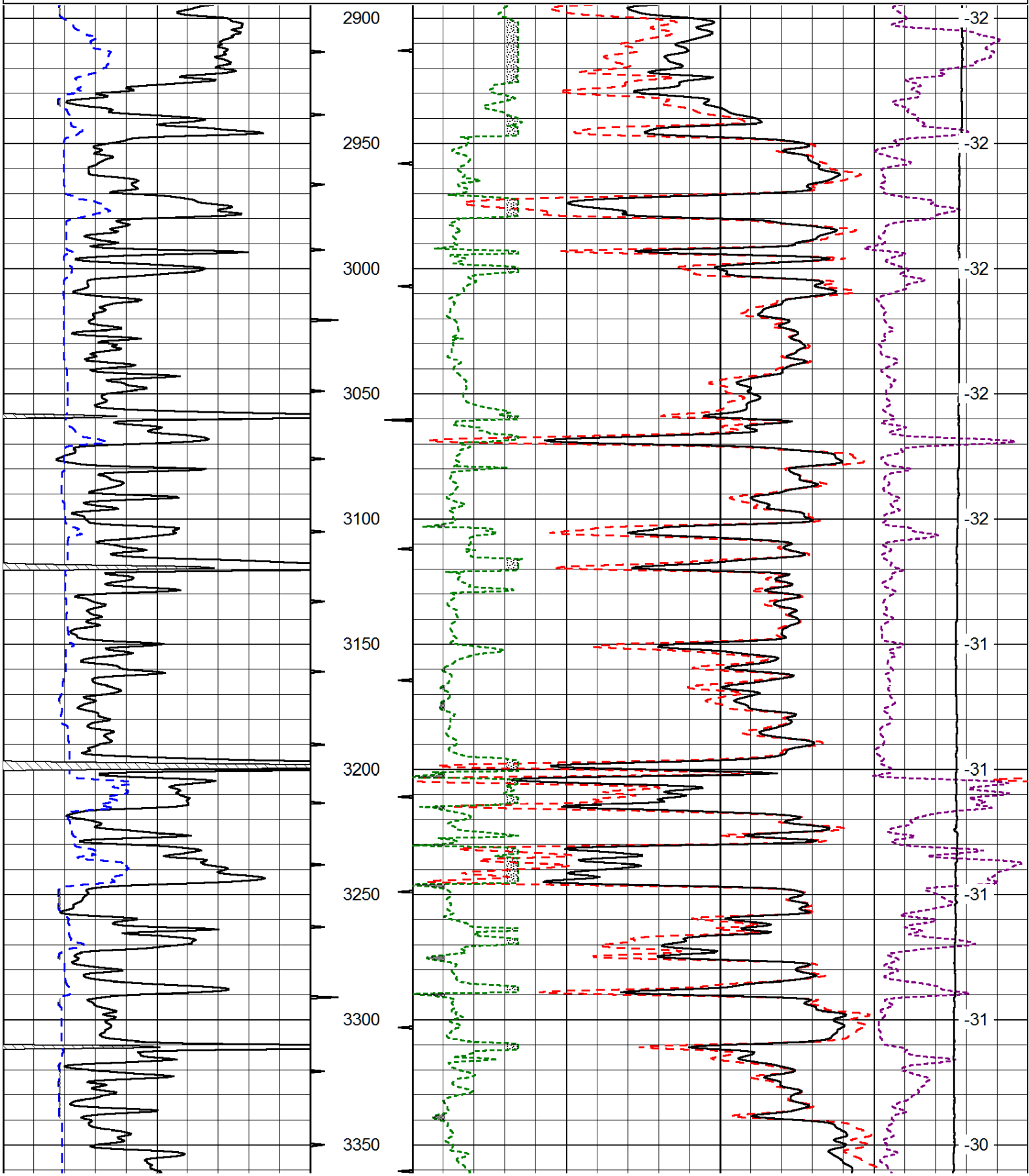
Comments

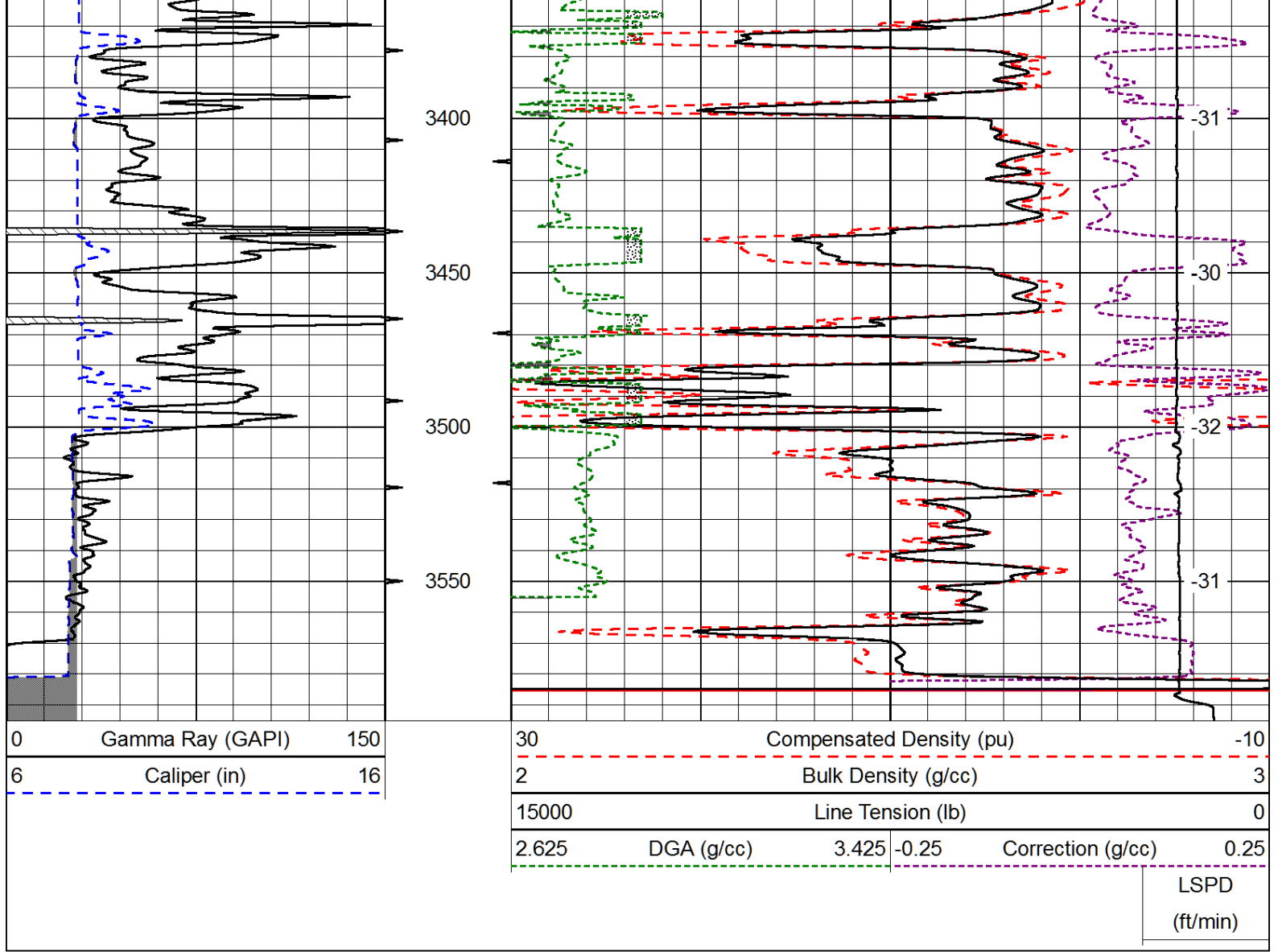
Thank you for using Log-Tech, Inc.
(785) 625-3858

Victoria KS, North to Emmeran RD,
3 3/4 East, North Into

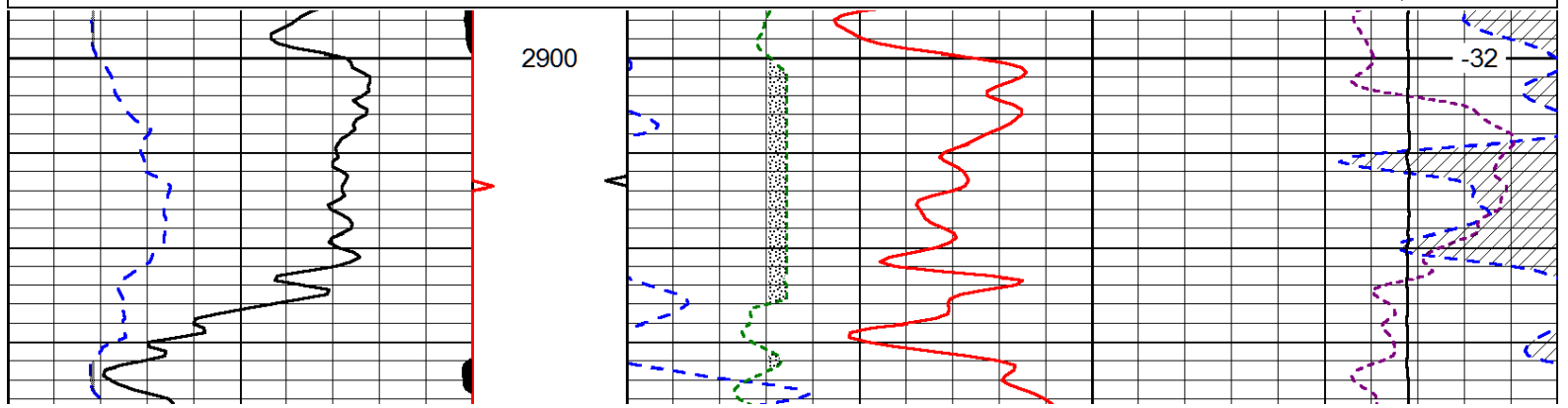
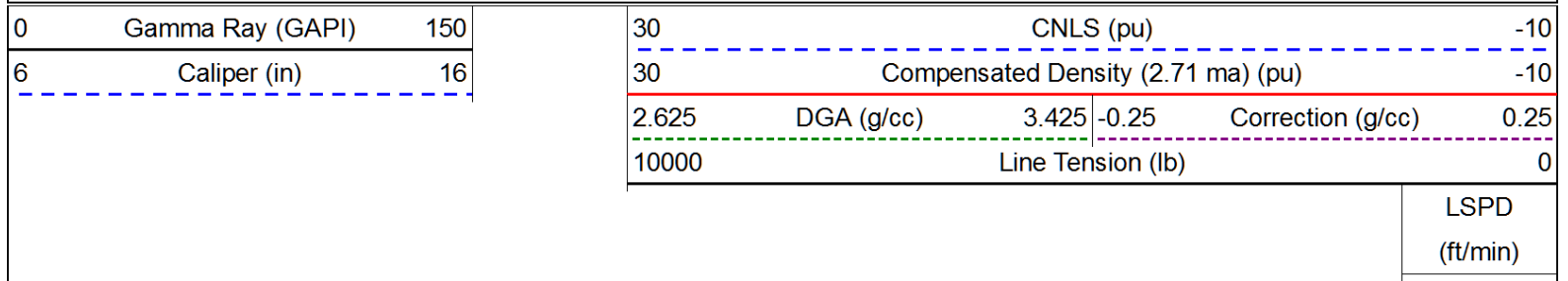
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

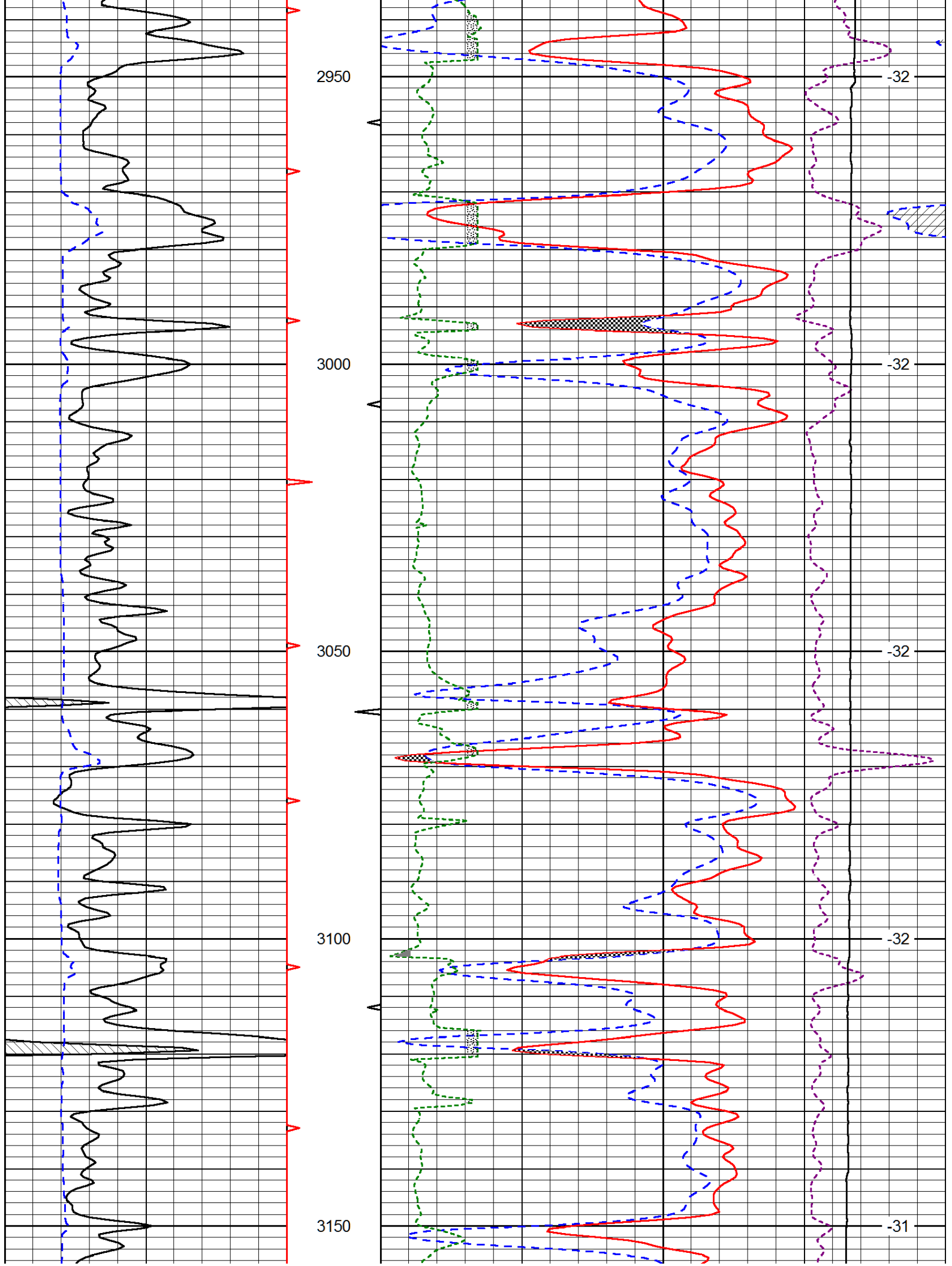
30	Compensated Density (pu)		-10
2	Bulk Density (g/cc)		3
15000	Line Tension (lb)		0
2.625	DGA (g/cc)	3.425	-0.25
	Correction (g/cc)		0.25
	LSPD		(ft/min)

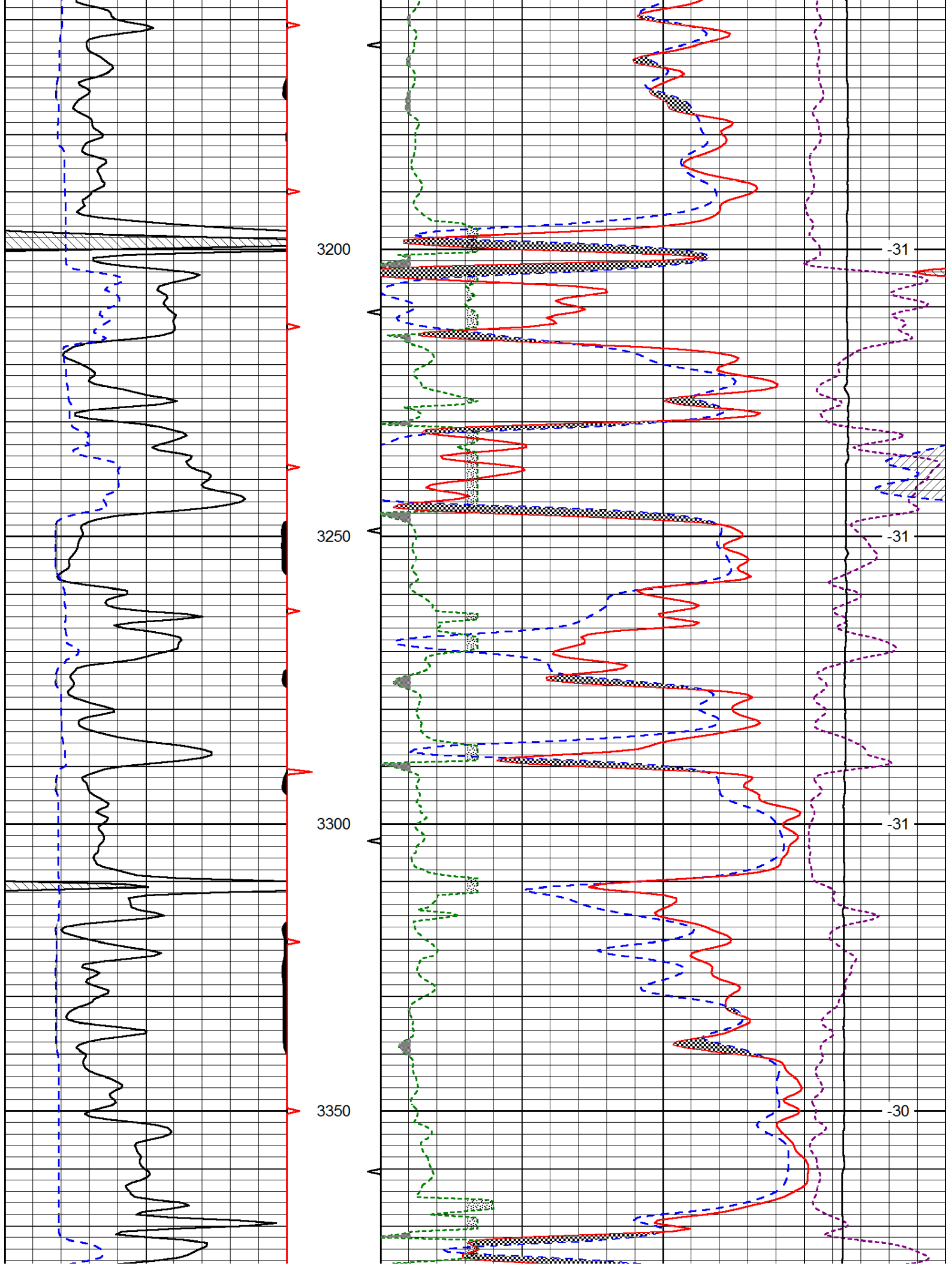


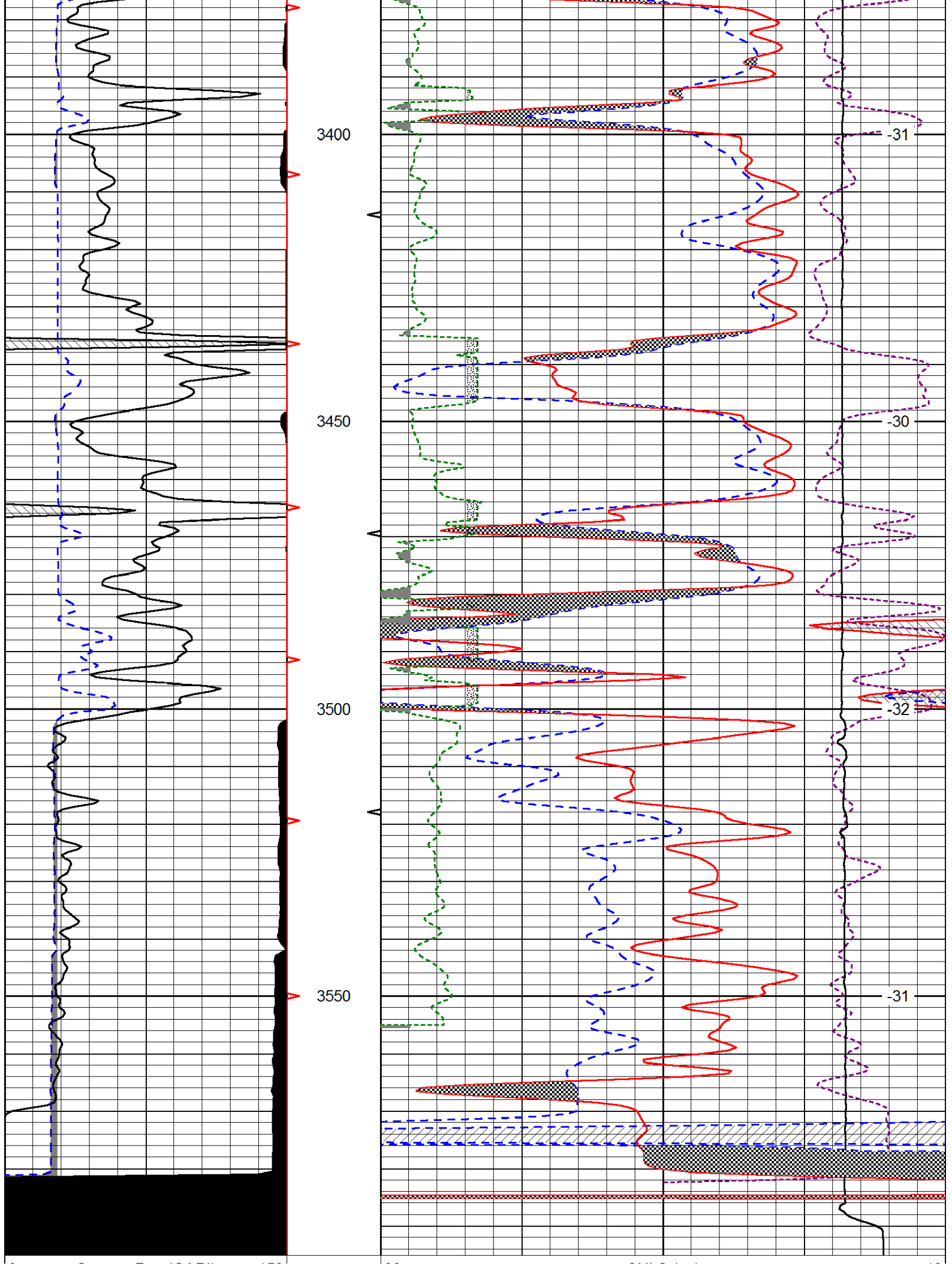


Database File: brungardt_cbbeery_7hd.db
Dataset Pathname: DIL/brungstk
Presentation Format: cndlspec
Dataset Creation: Fri Sep 13 09:01:58 2013
Charted by: Depth in Feet scaled 1:240









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

30		CNLS (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)	