



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-007-23,865-00-00

Company Indian Oil Company, Inc.

Well Mingona No. 1

Field Nurse Pool

County Barber State Kansas

Location NE SW SE NW
3040' FSL & 1920' FEL

Sec: 25 Twp: 31 S Rge: 13 W

DIL

Other Services

Permanent Datum Ground Level Elevation 1533

Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

K.B. 1543
D.F. 1533
G.L. 1533

Date 4/15/2012

Run Number One

Type Log CNL / CDL

Depth Driller 4340

Depth Logger 4340

Bottom Logged Interval 4319

Top Logged Interval 3300

Type Fluid In Hole Chemical

Salinity, PPM CL 13,000

Density 9.1

Level Full

Max. Rec. Temp. F 119

Operating Rig Time 2 1/2 Hours

Equipment -- Location 17 Hays

Recorded By D. Martin

Witnessed By Scott Alberg

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	225	8.625	23#	00	225
Two	7.875	225	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

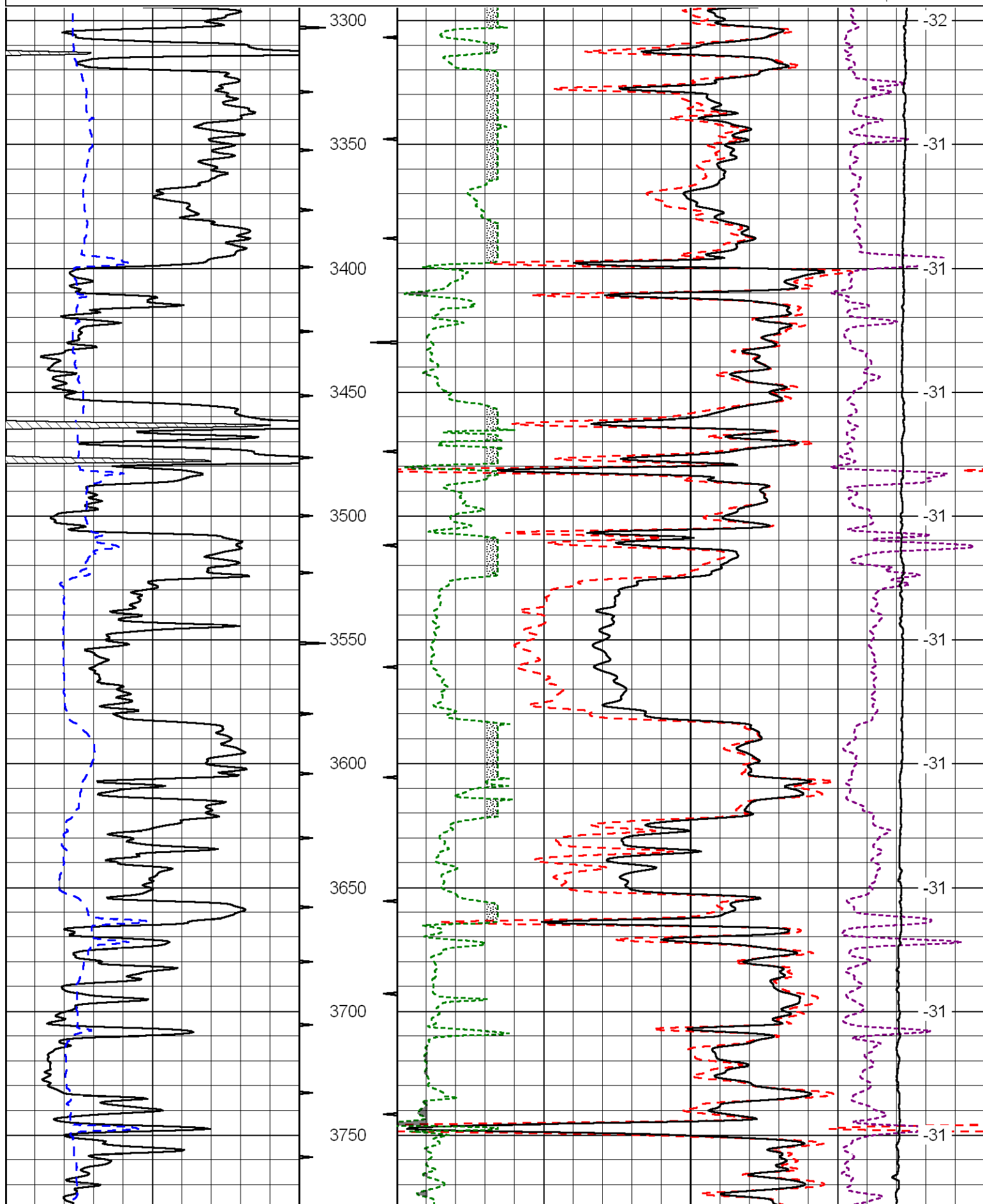
Thank you for using Log-Tech, Inc.
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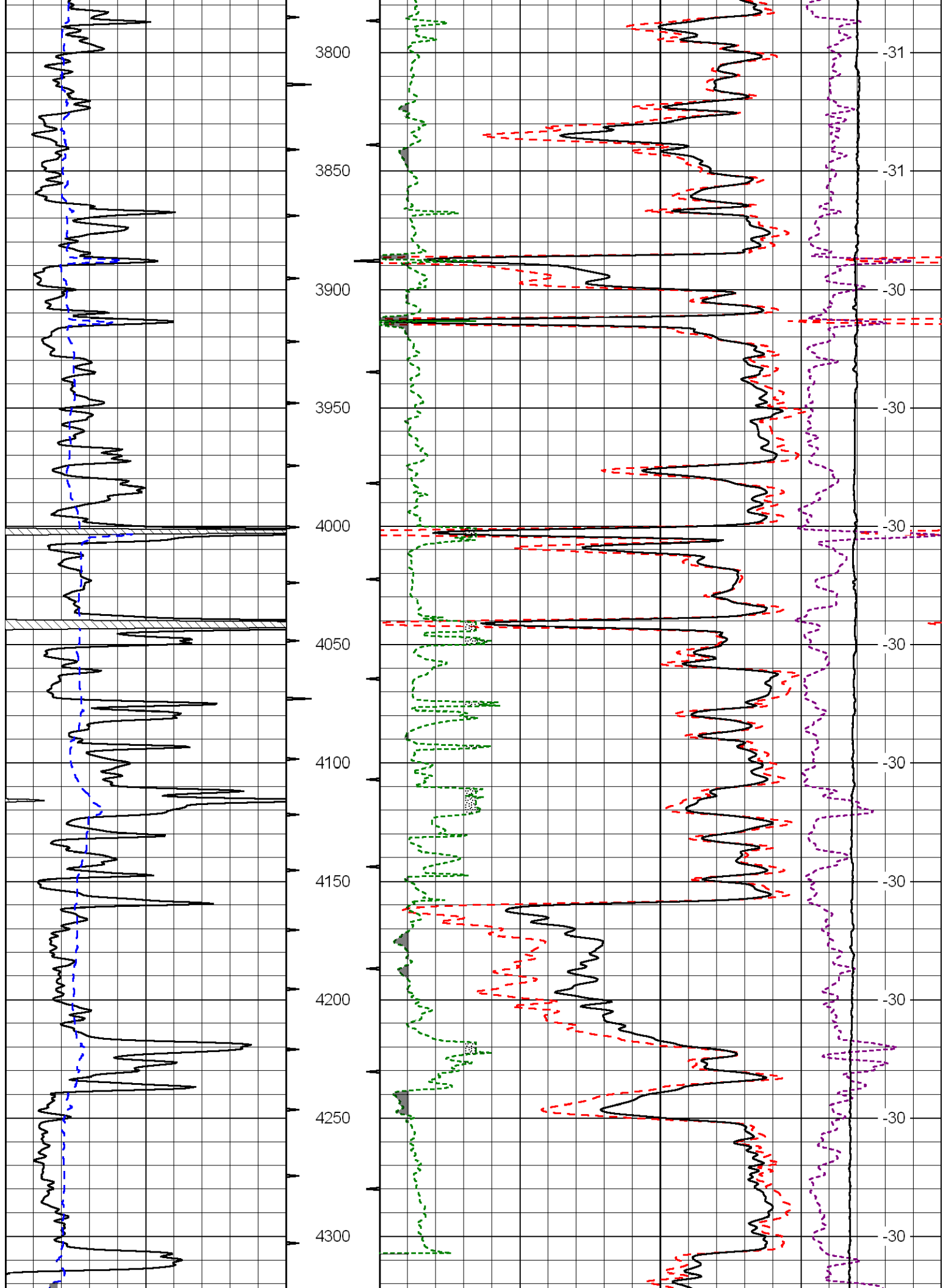
Medicine Lodge, KS
6 1/2 W on River Rd., E Into

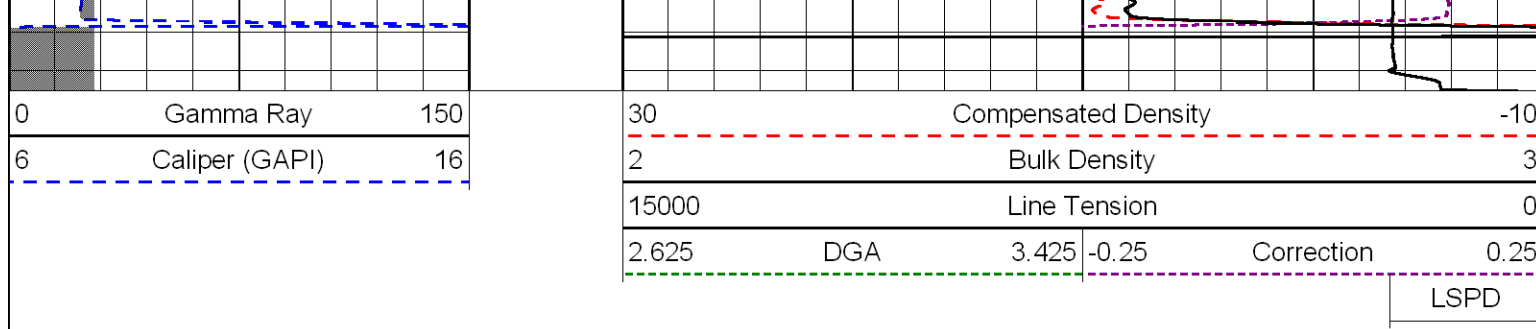
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Dataset Pathname: DIL/indstk
Presentation Format: cdl
Dataset Creation: Mon Apr 16 00:57:14 2012
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

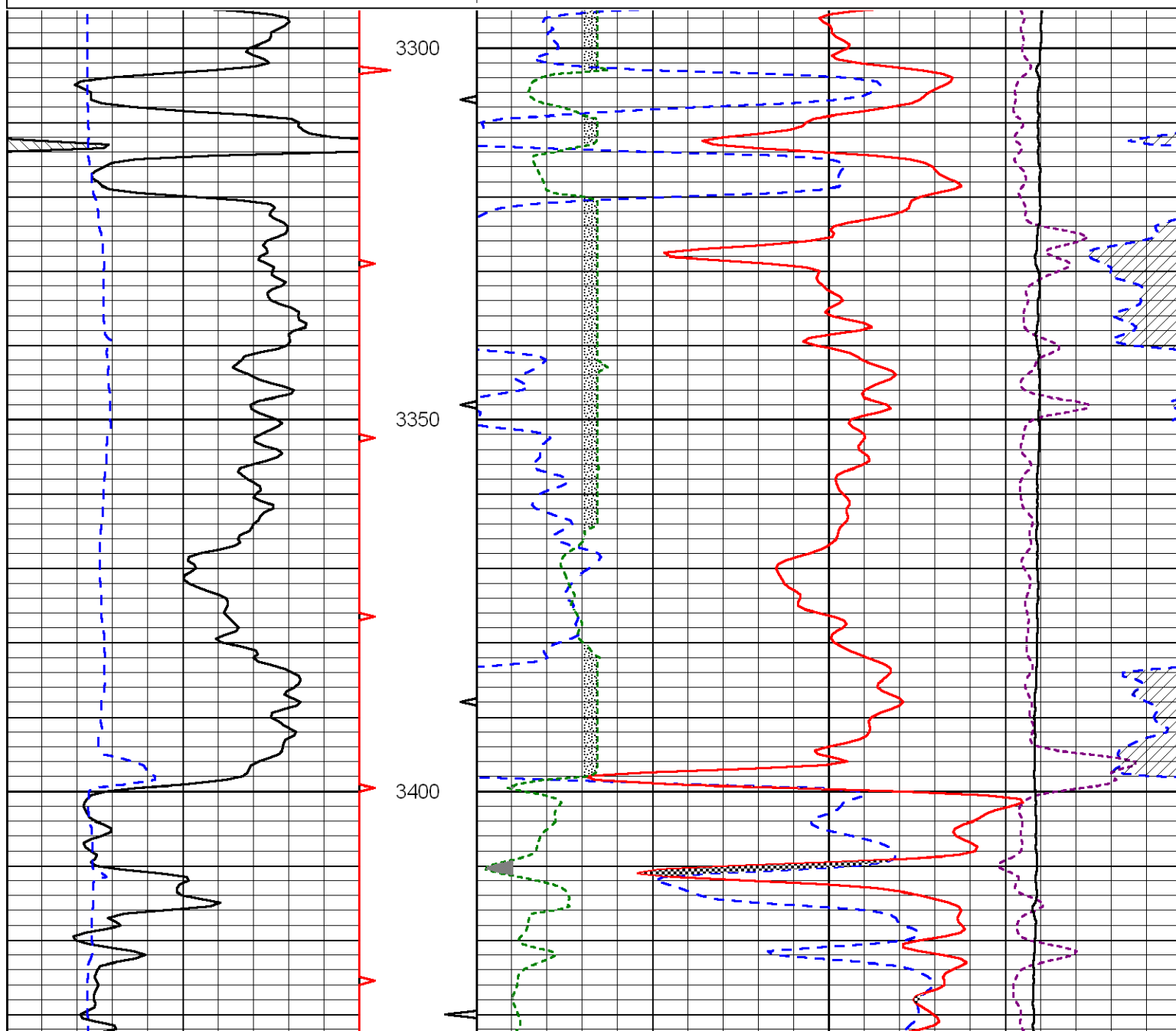
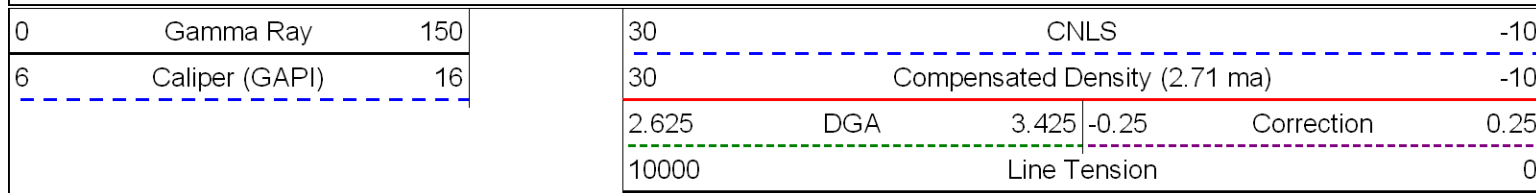
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			

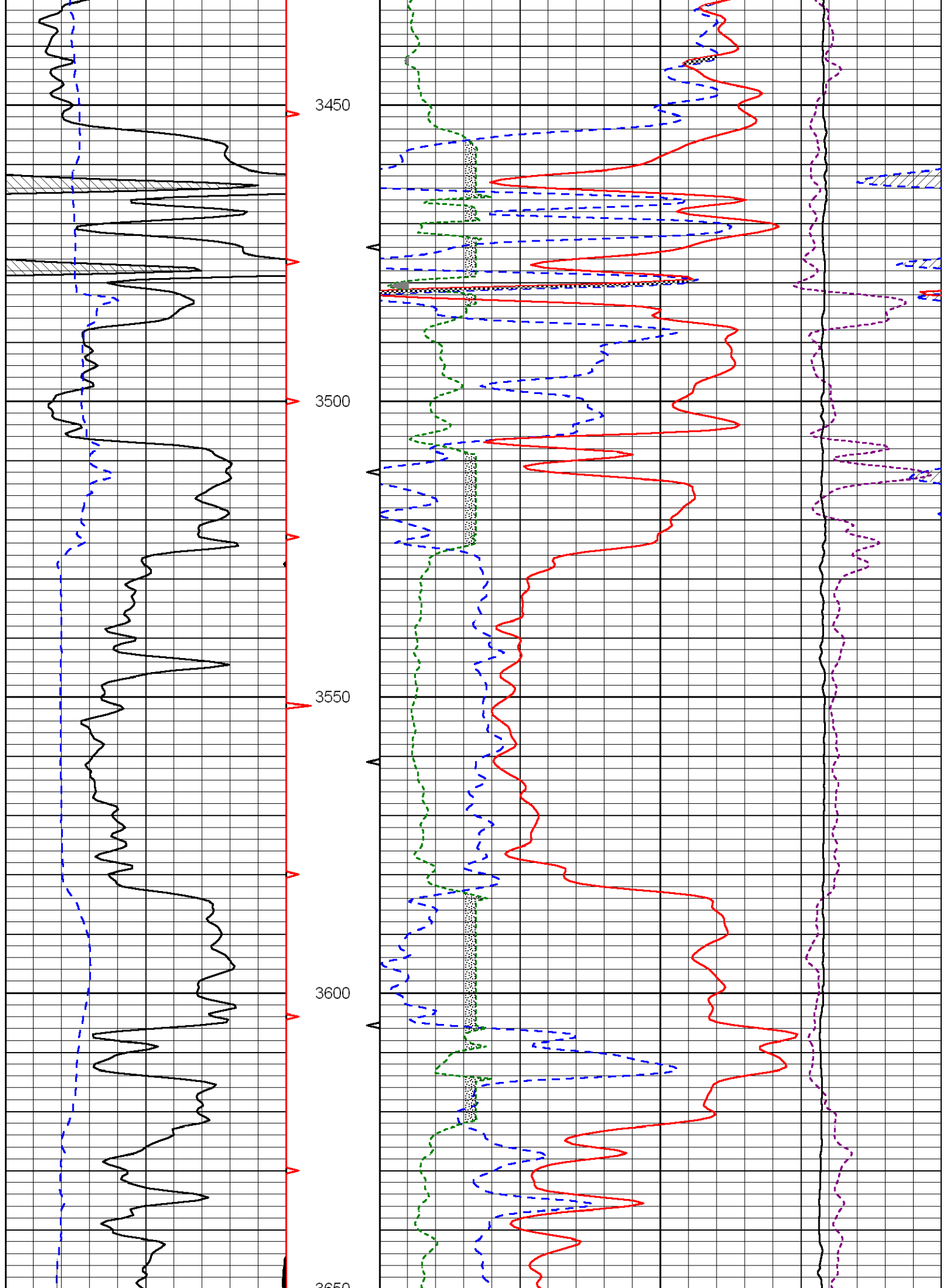


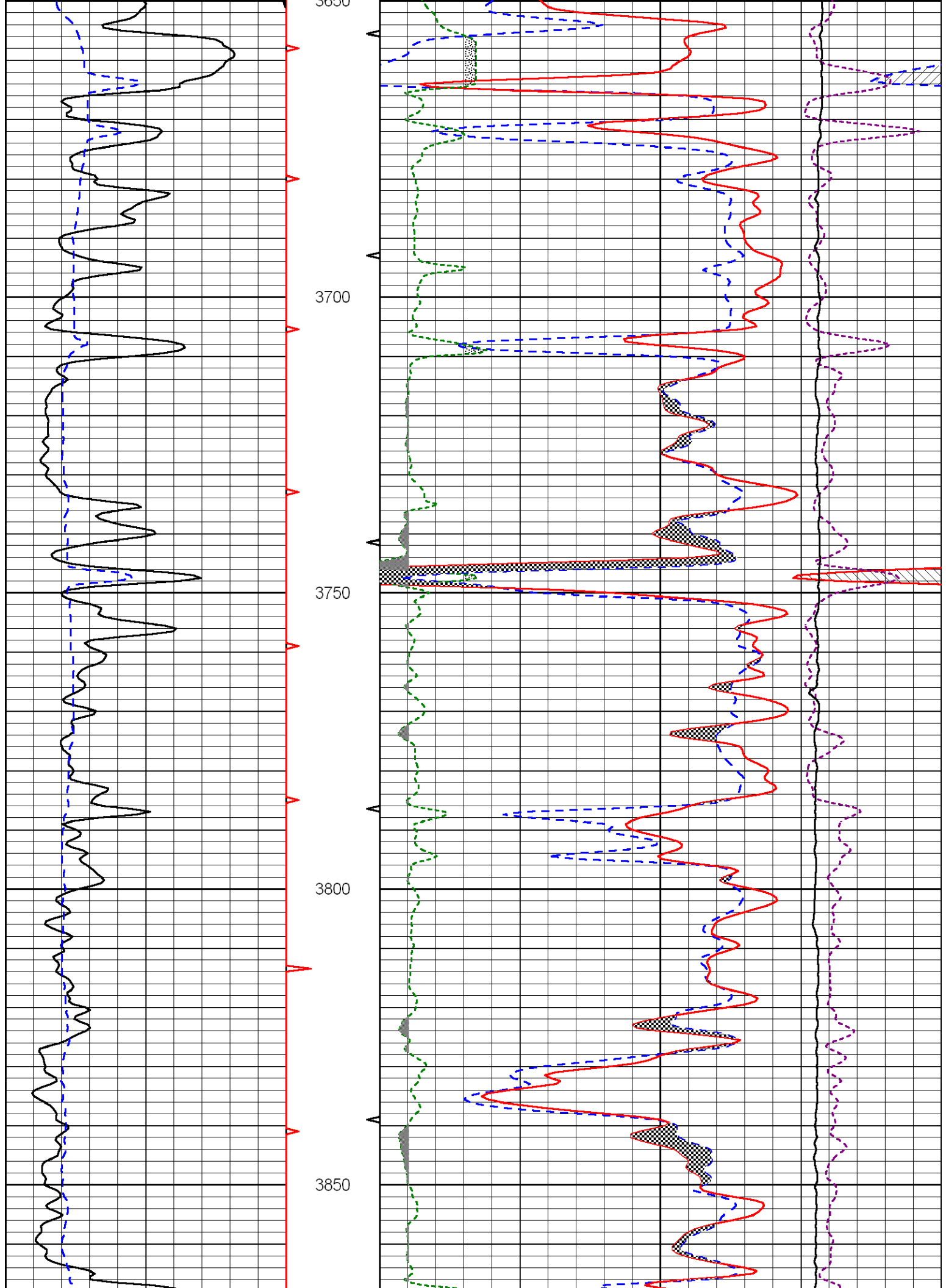


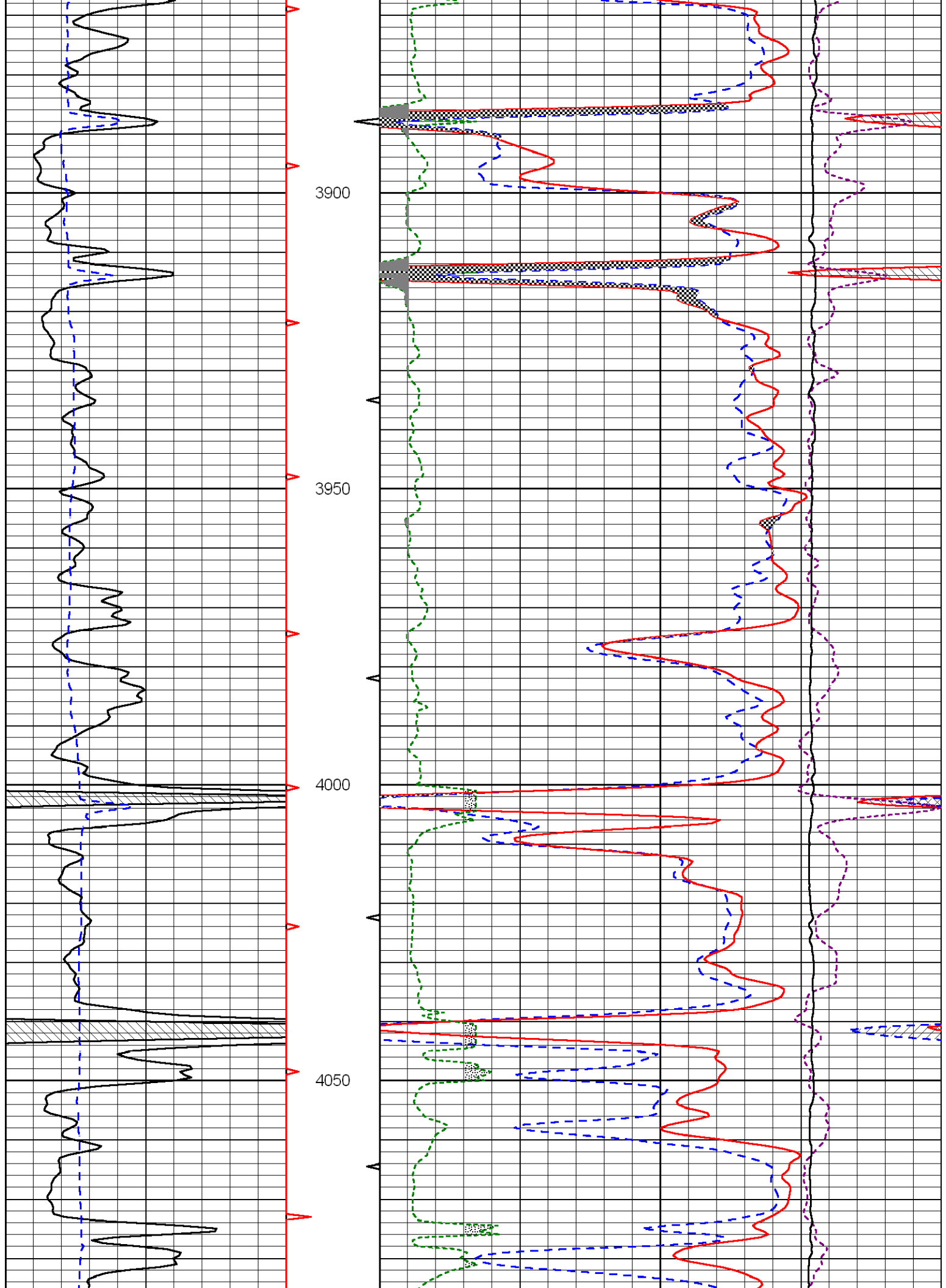


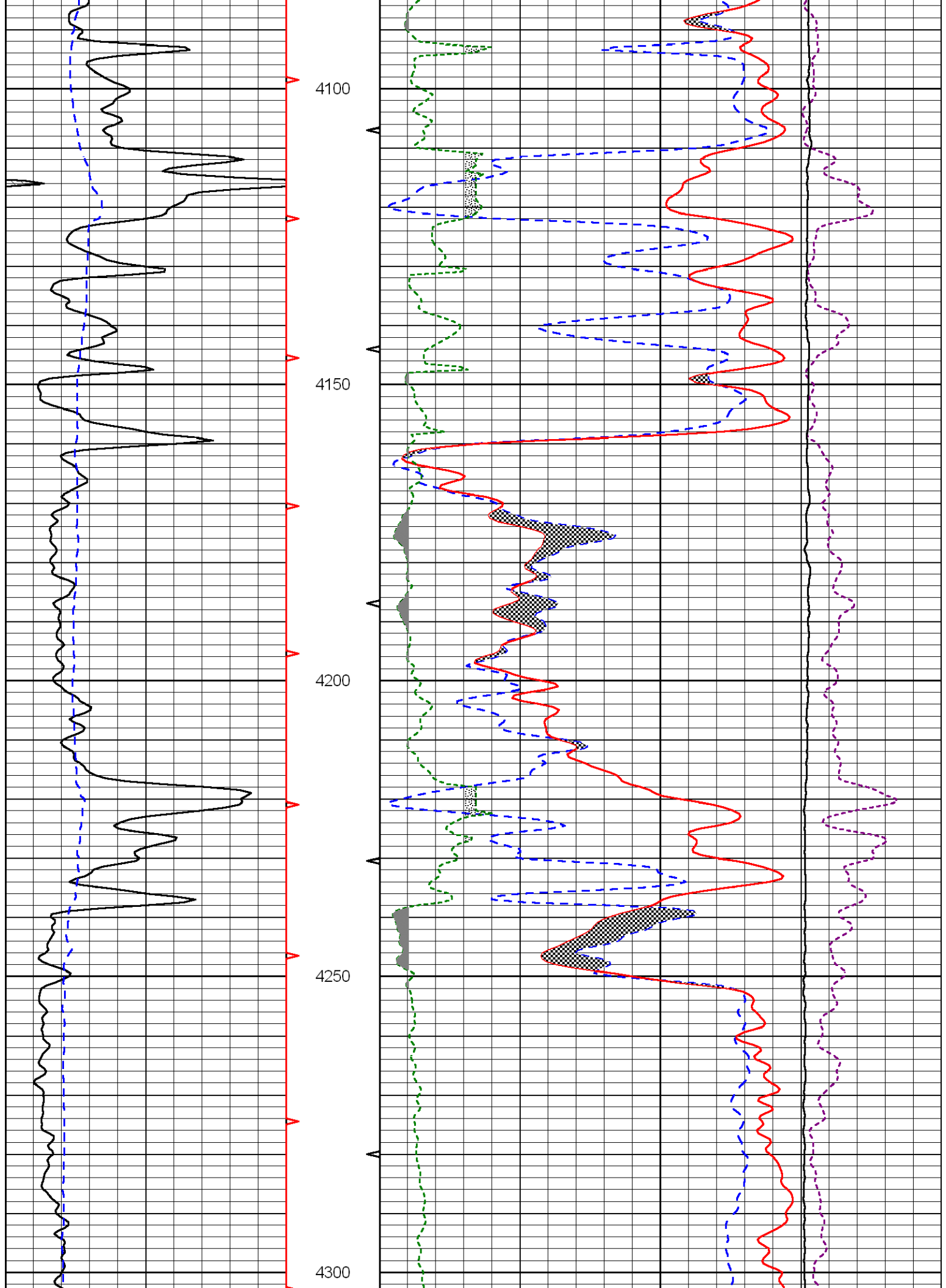
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Dataset Creation: Mon Apr 16 00:57:14 2012
Charted by: Depth in Feet scaled 1:240

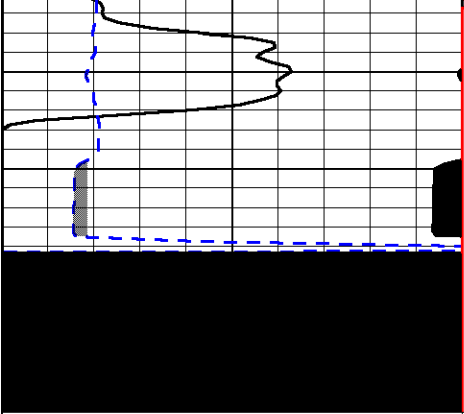




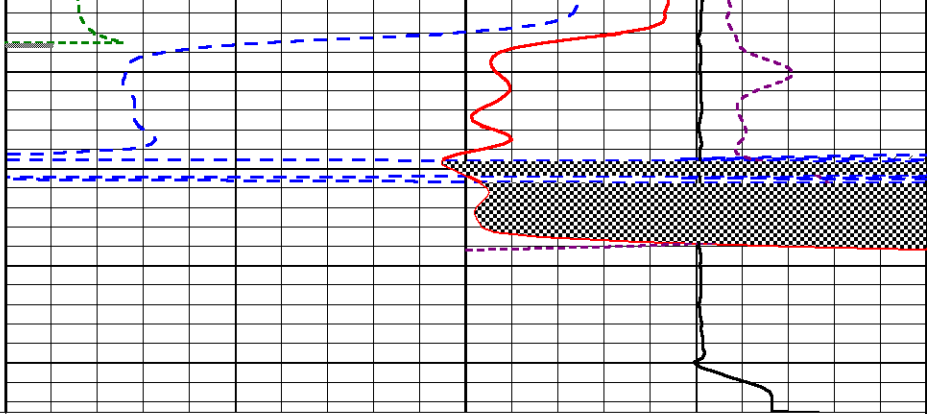








0	Gamma Ray	150
6	Caliper (GAPI)	16



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