



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-135-25452-00-00

Company American Warrior, Inc.

Well D. McVicker #2-25

Field McVicker

County Ness

State Kansas

Location

SE SW NE NE
1055' FNL / 838' FEL

Other Services
DIL/MEL

Sec: 25

Twp: 20S

Rge: 26W

Permanent Datum Ground Level Elevation 2429

Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation
K.B. 2440
D.F. 2429
G.L. 2429

Date 8/21/2012

Run Number One

Type Log CNL / CDL

Depth Driller 4520

Depth Logger 4521

Bottom Logged Interval 4500

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 4500

Density 9.4

Level Full

Max. Rec. Temp. F 121

Operating Rig Time 4 Hours

Equipment -- Location 15 Hays

Recorded By R. Barnhart

Witnessed By Kevin Timson

Borehole 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

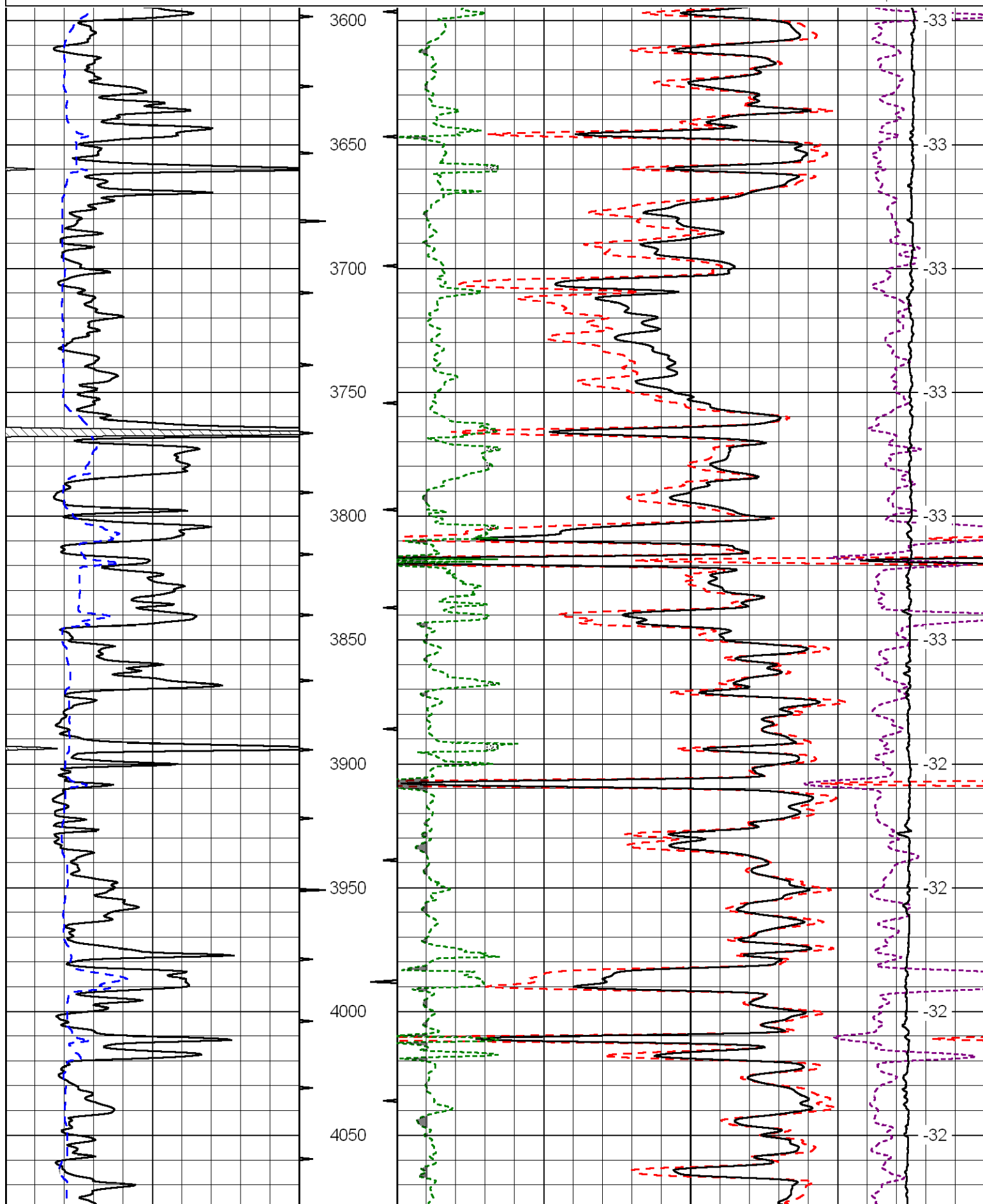
Thank you for using Log-Tech, Inc.
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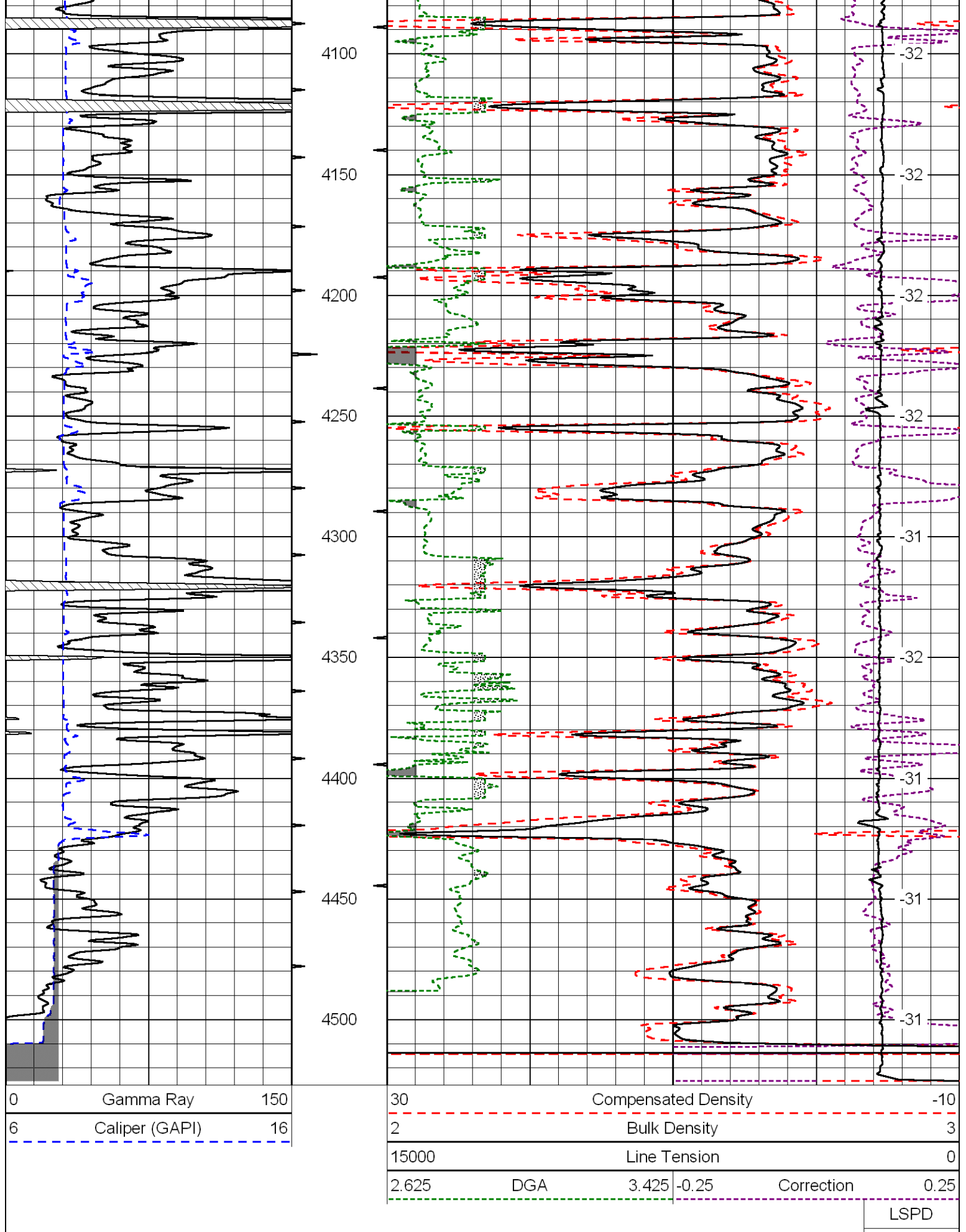
Ness City, KS:
W to Laird Elevator: 1/4W to J Rd., 10S to 20 Rd.,
4W to F Rd., 1/4S, W into

Database File: amwar_hd.db
Dataset Pathname: dil/amwmain
Presentation Format: cdl
Dataset Creation: Tue Aug 21 03:50:44 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			

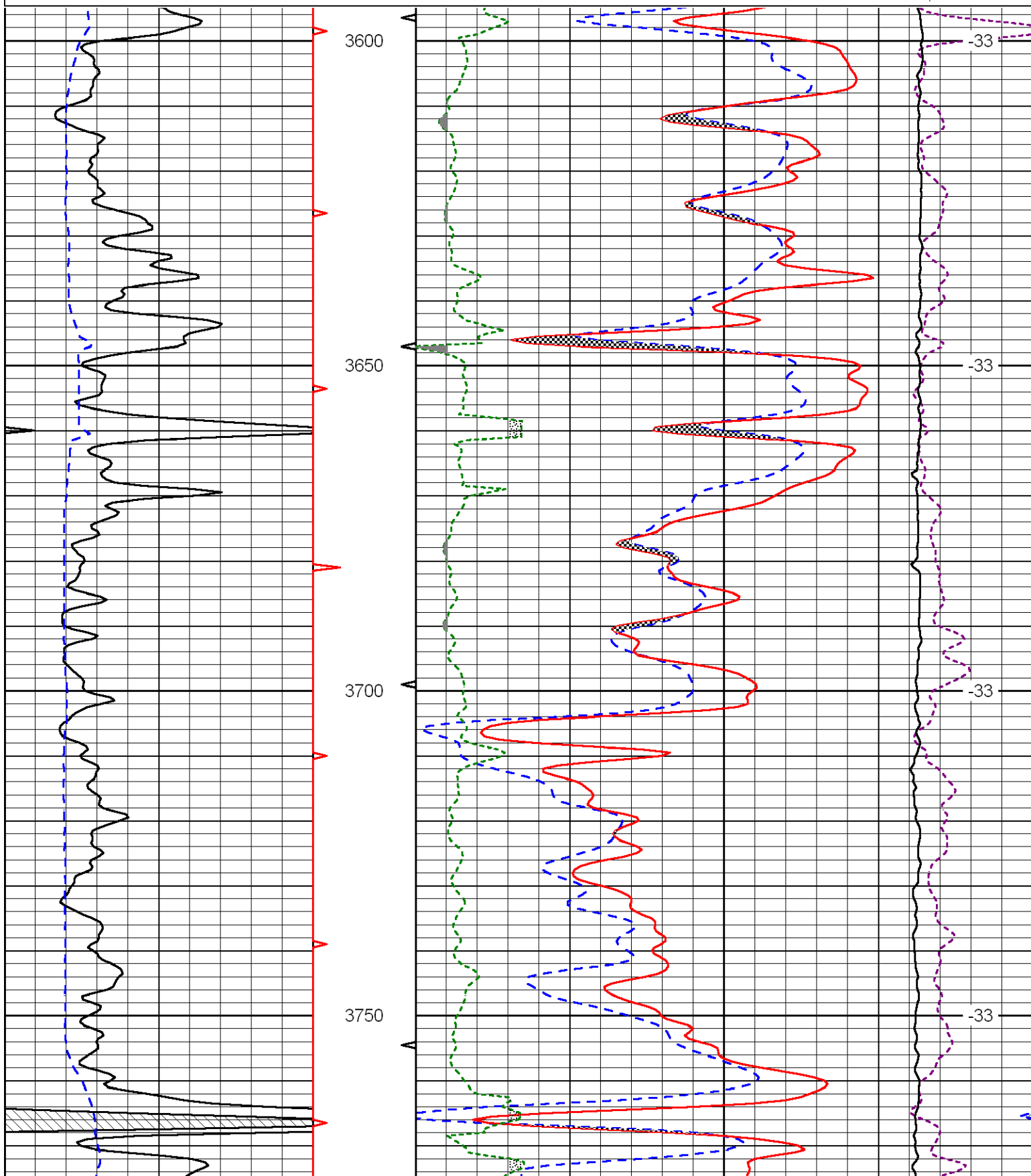


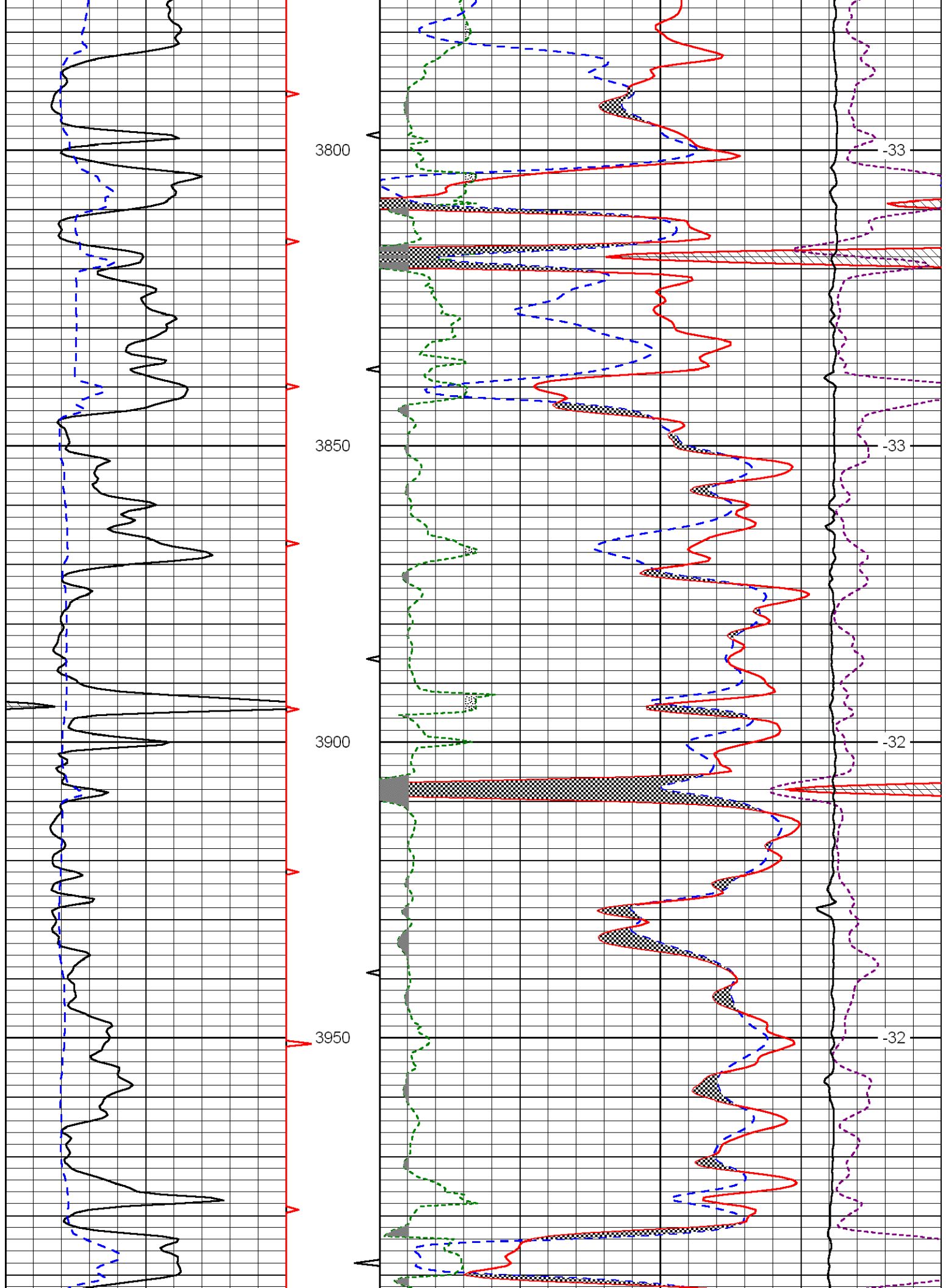


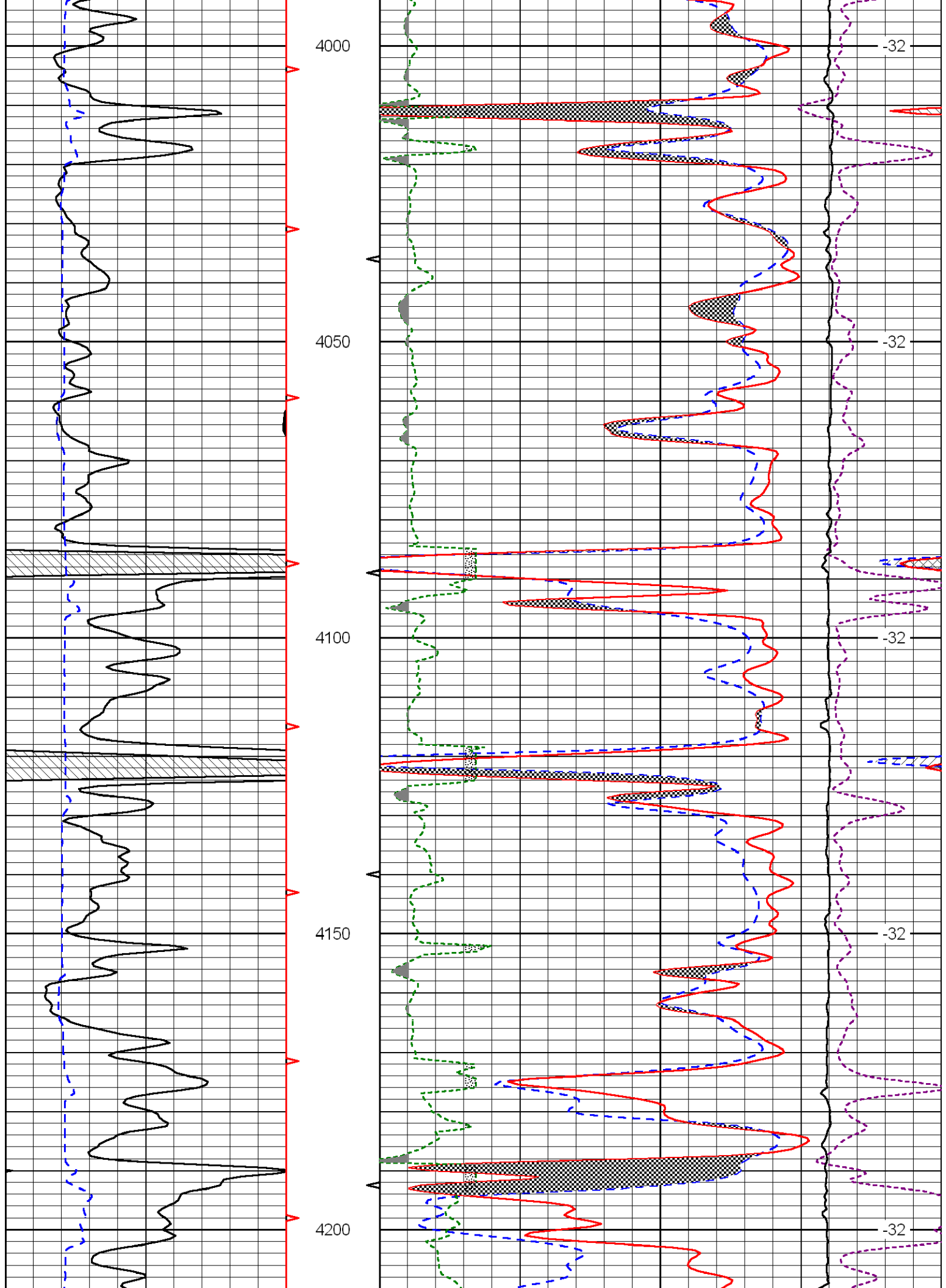
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Dataset Creation: Tue Aug 21 03:50:44 2012
Charted by: Depth in Feet scaled 1:240

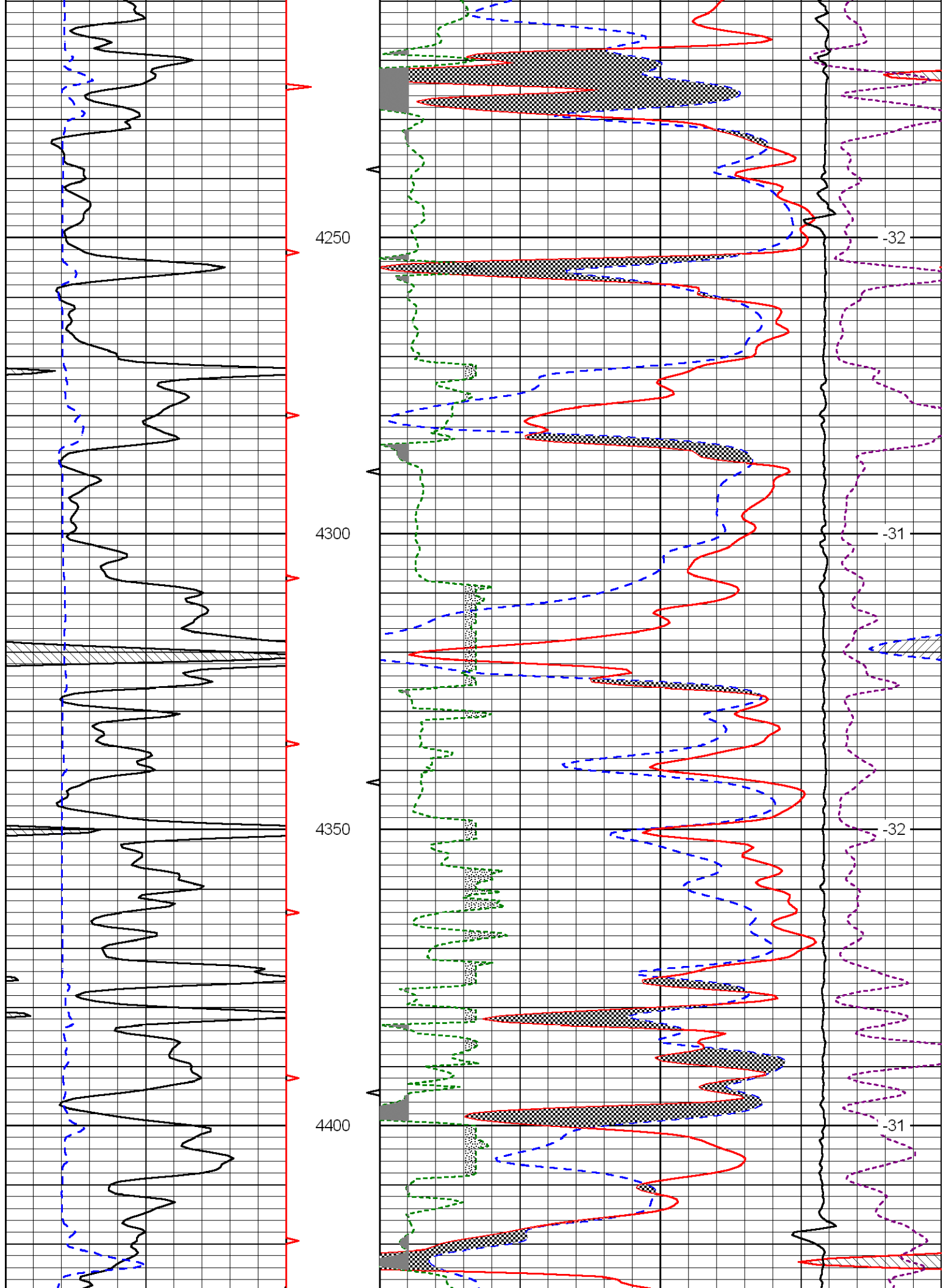
0	Gamma Ray	150
6	Caliper (GAPI)	16

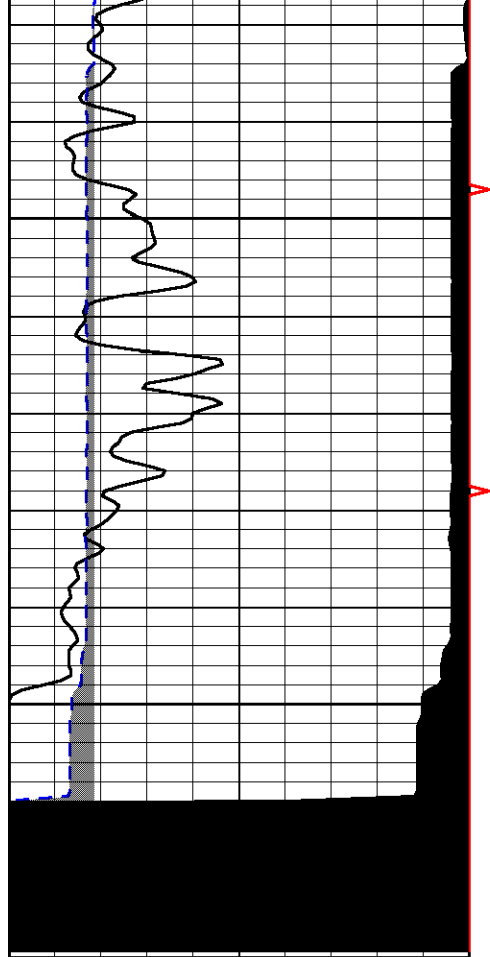
30	CNLS				-10
30	Compensated Density (2.71 ma)				-10
2.625	DGA	3.425	-0.25	Correction	0.25
10000	Line Tension				0
					LSPD







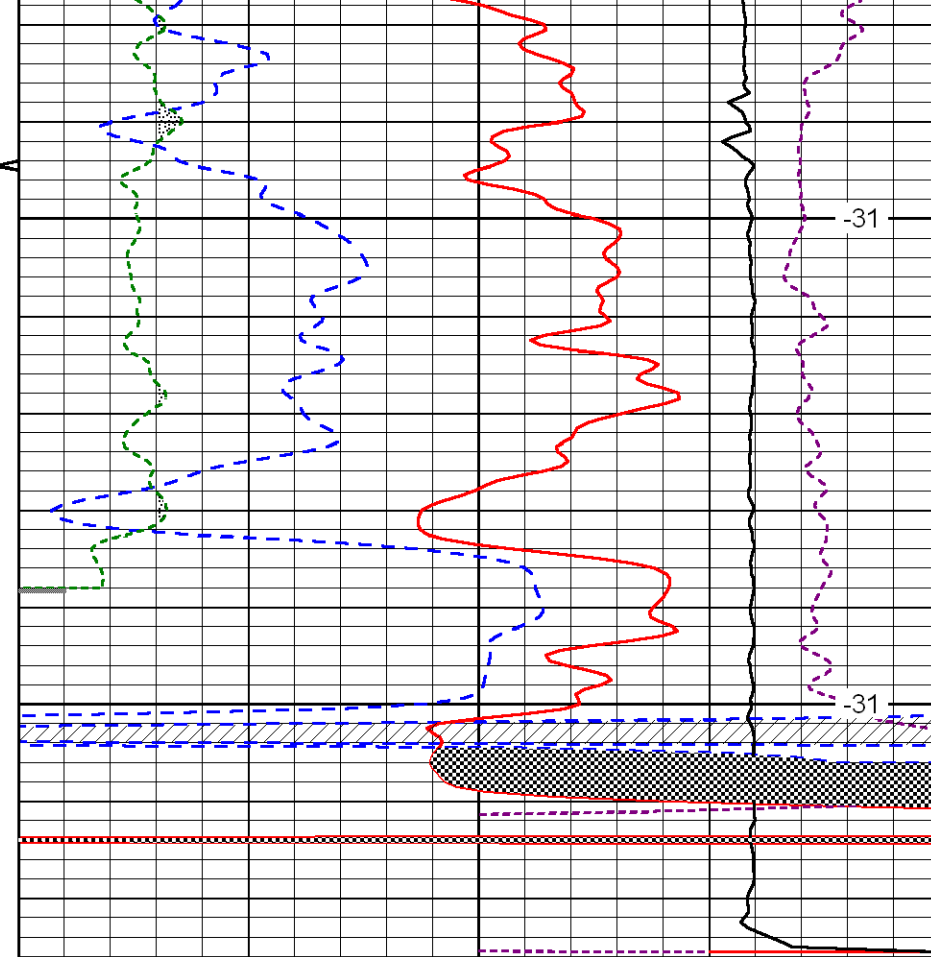




0	Gamma Ray	150
6	Caliper (GAPI)	16

4450

4500



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

LSPD