



DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

API No. 15-109-21081-00-00

Company G. L. Allison Oil Operations, Inc.
 Well Younkin B #21
 Field Logan
 County Logan State Kansas

Location NE SW NE
 1670' FNL & 1950' FEL

Sec: 21 Twp: 12S Rge: 32W

Other Services DIL

Permanent Datum Ground Level Elevation 3044
 Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

K.B. 3051
 D.F. 3044
 G.L. 3044

Date 5/27/2012

Run Number One

Type Log CNL / CDL

Depth Driller 4735

Depth Logger 4736

Bottom Logged Interval 4715

Top Logged Interval 3795

Type Fluid In Hole Chemical

Salinity, PPM CL 1000

Density 9.4

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 3 Hours

Equipment -- Location 91 Hays

Recorded By D. Schmidt

Witnessed By Greg Allison

Borehole Record		Casing Record				
Run No	Bit From	To	Size	Wgt. 23#	From	To
One	12.25	00	262	8.625	00	262
Two	7.875	262	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

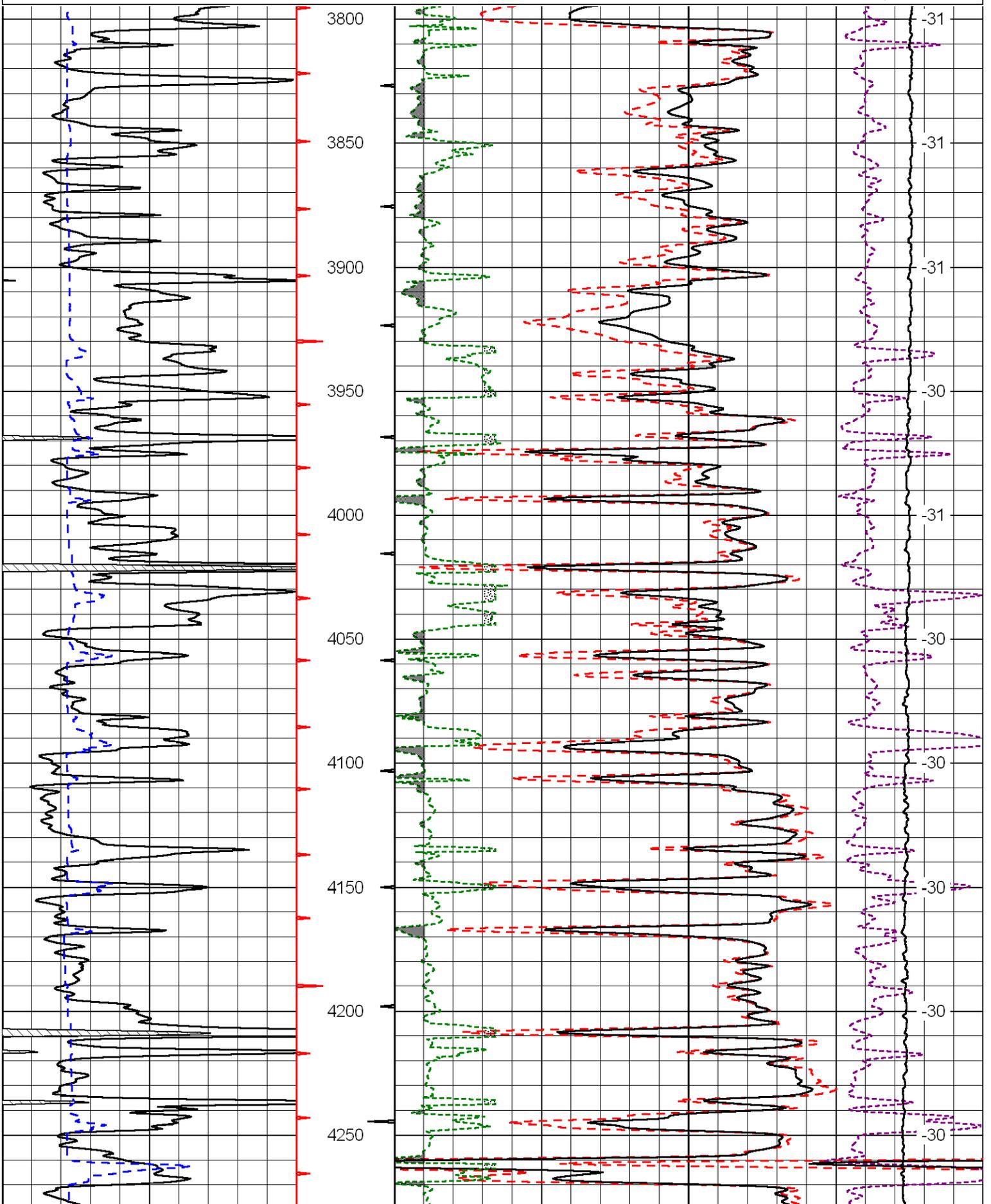
Thank you for using Log-Tech, Inc.
 (785) 625-3858

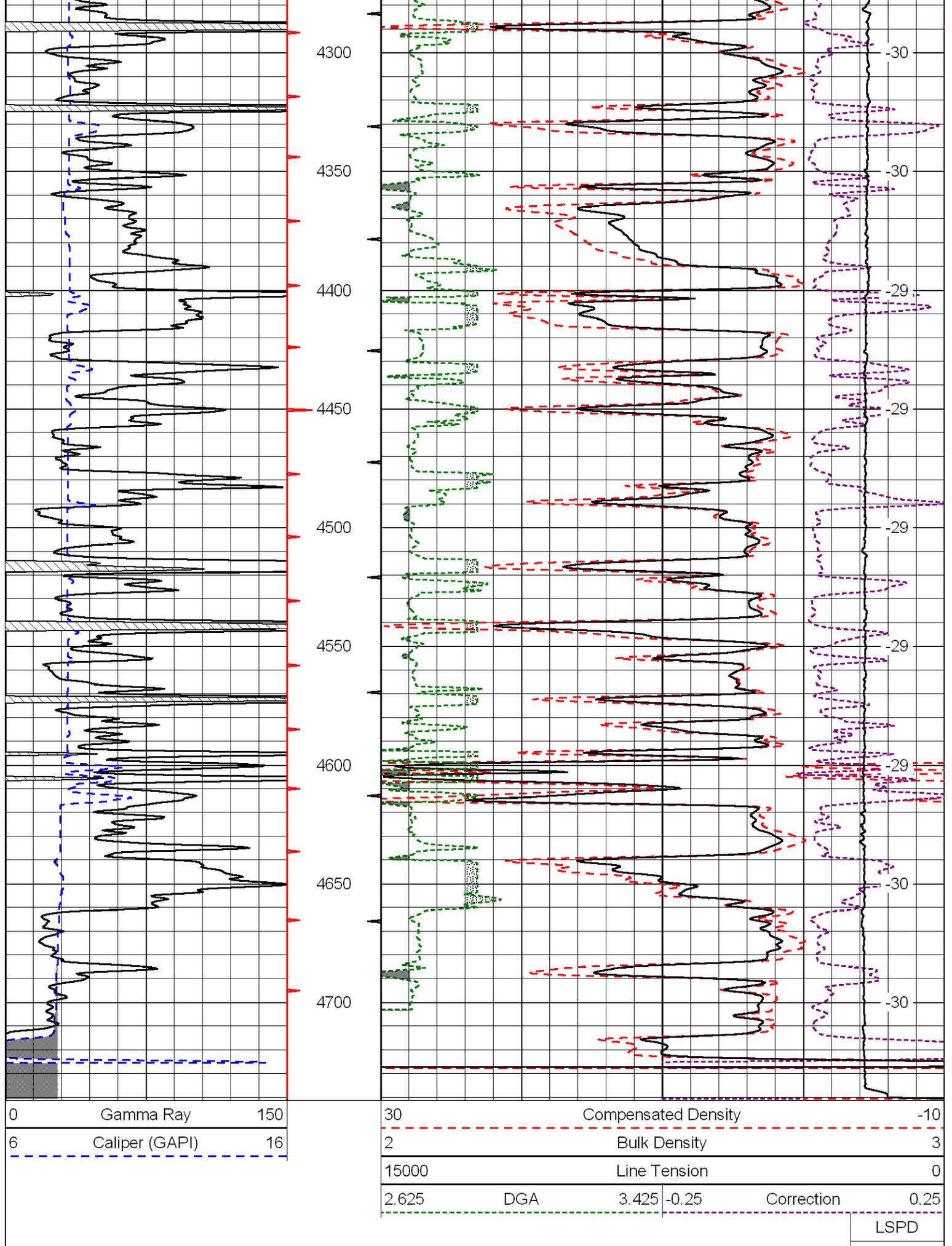
Oakley,
 9 S on Hwy 83 to Ute Rd, 1 W, 1/2 N,
 W into

Database File: allison_052712hd.db
 Dataset Pathname: dil/glastack
 Presentation Format: cdl
 Dataset Creation: Sun May 27 20:45:44 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			



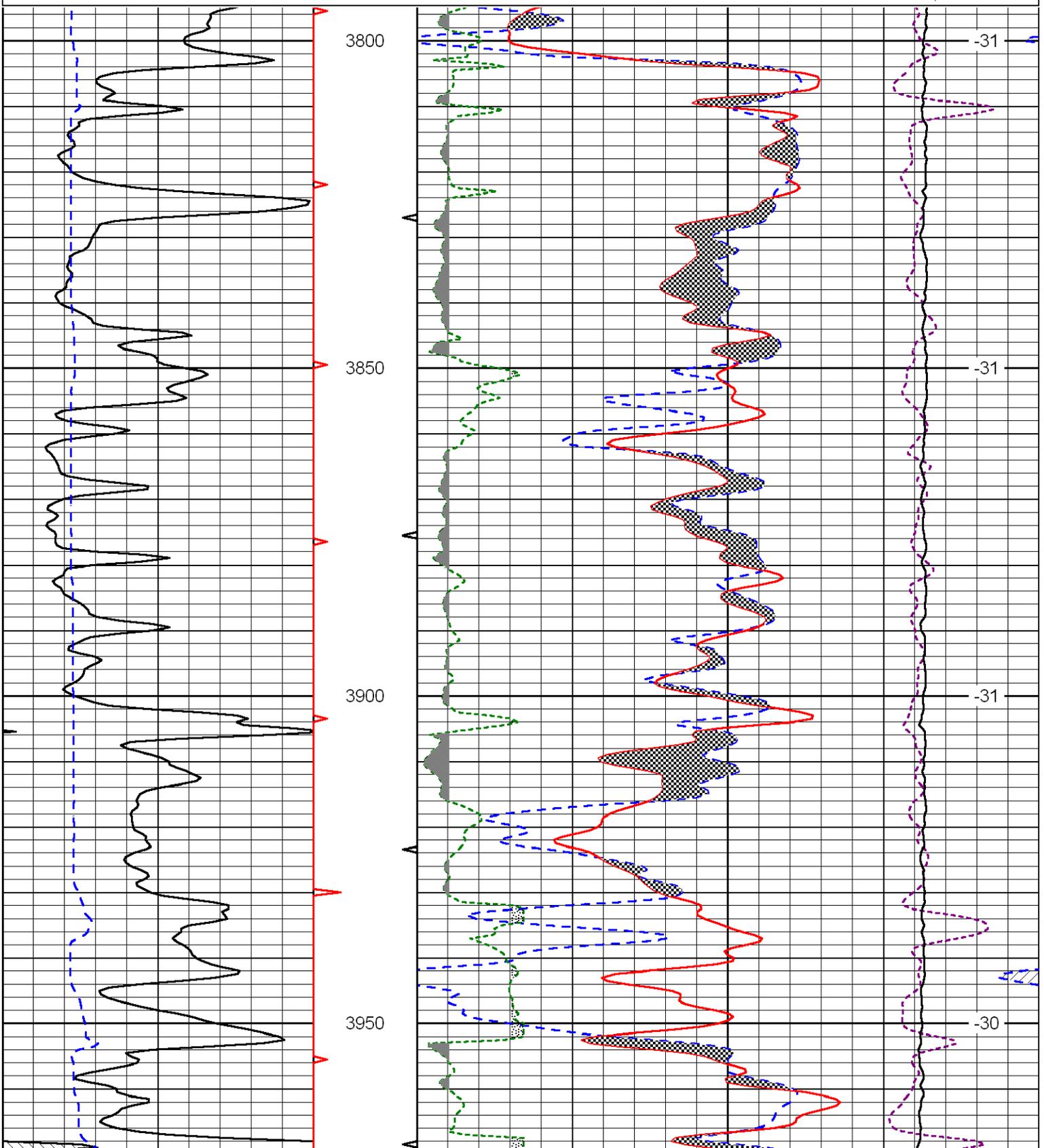


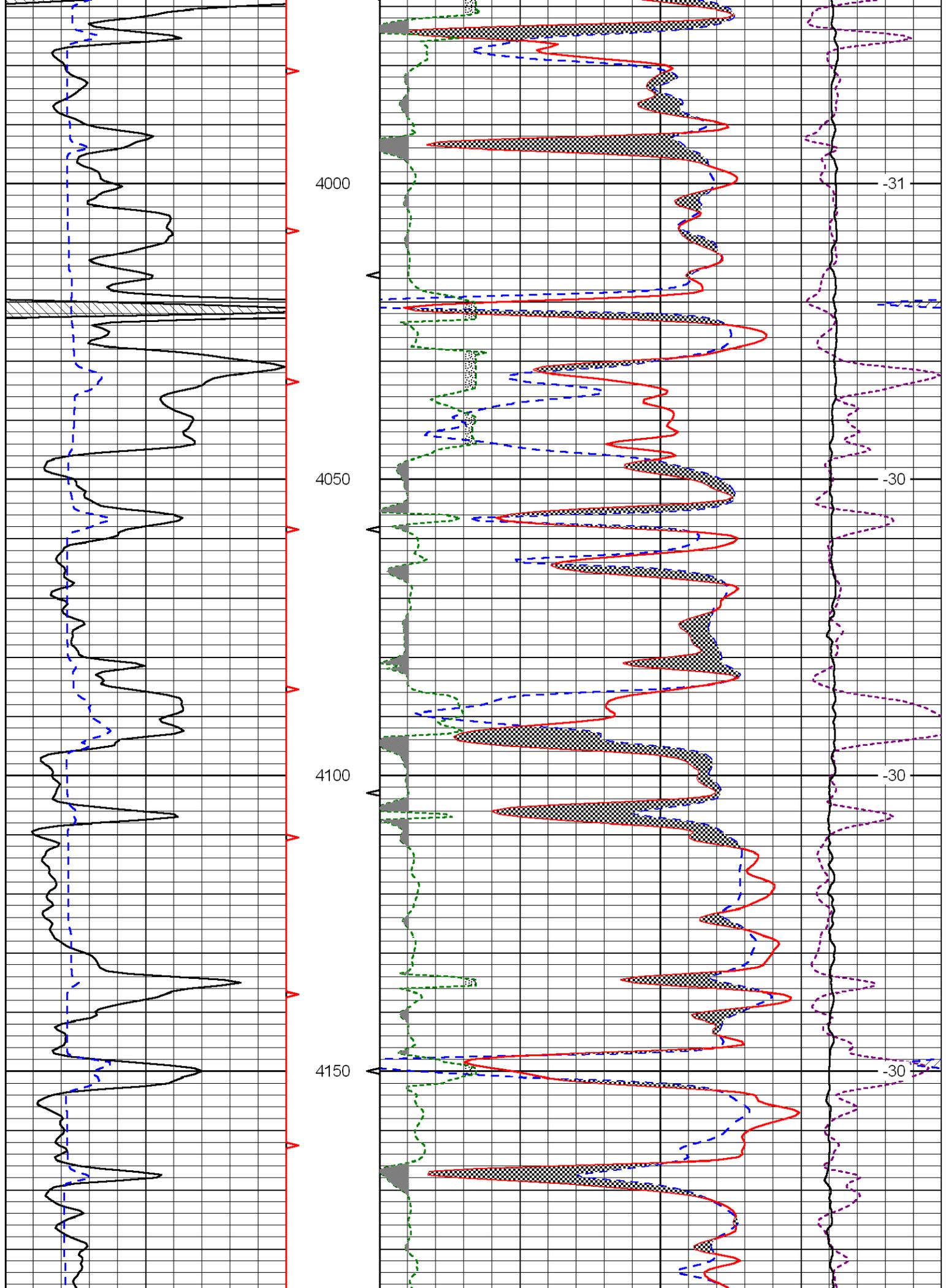
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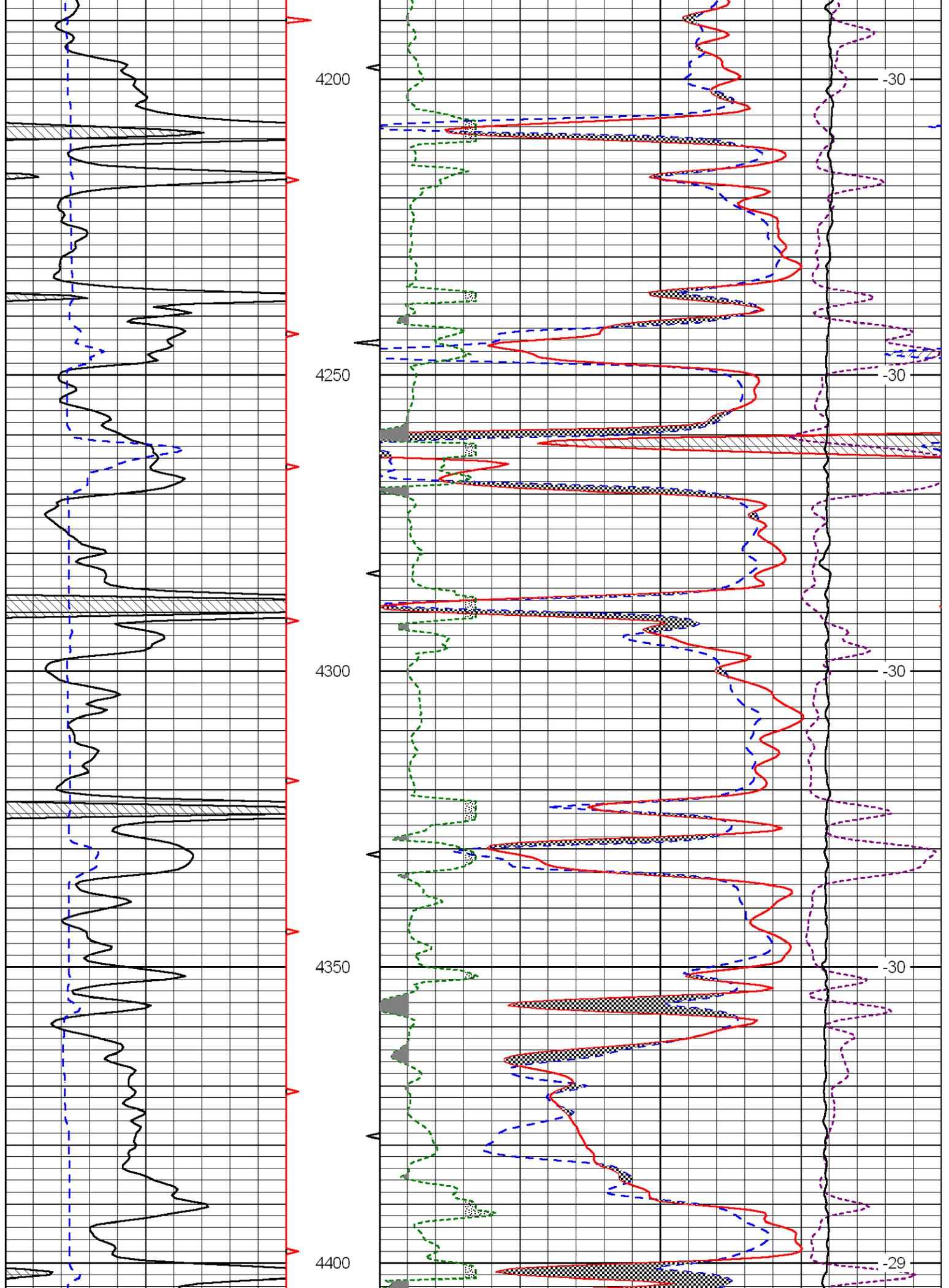
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6	Caliper (GAPI)	16

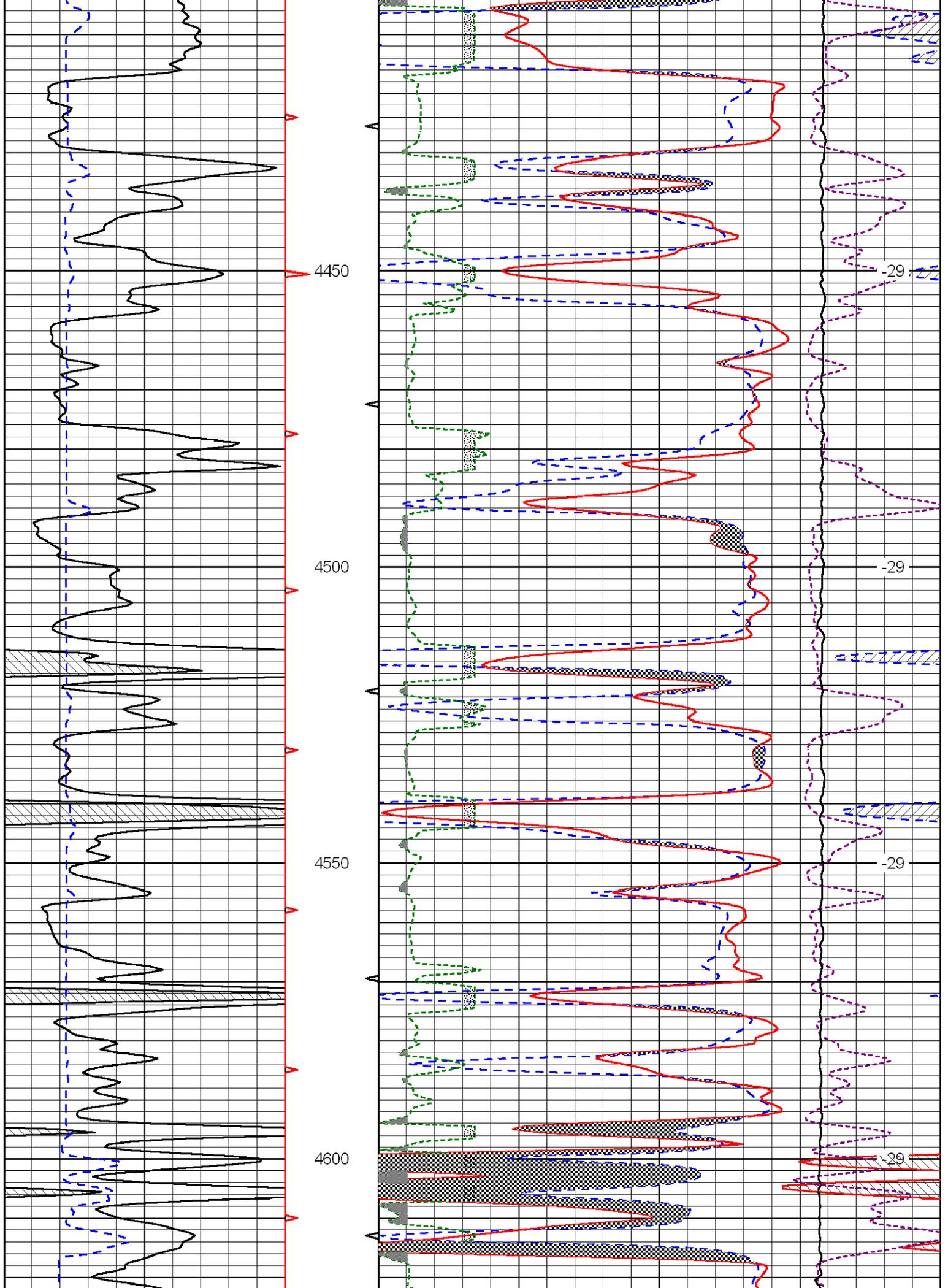
30	CNLS			-10	
30	Compensated Density (2.71 ma)			-10	
2.625	DGA	3.425	-0.25	Correction	0.25
10000	Line Tension			0	

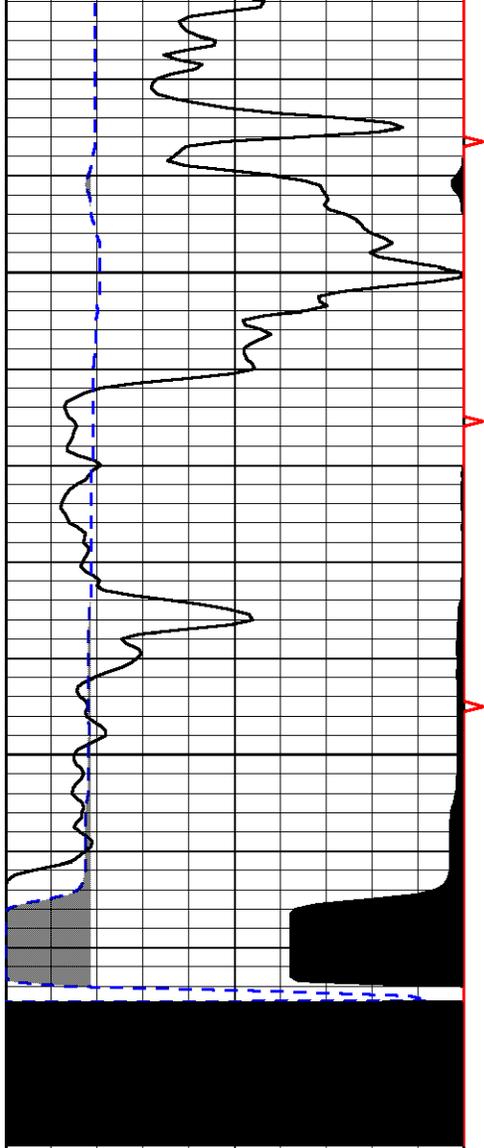
LSPD







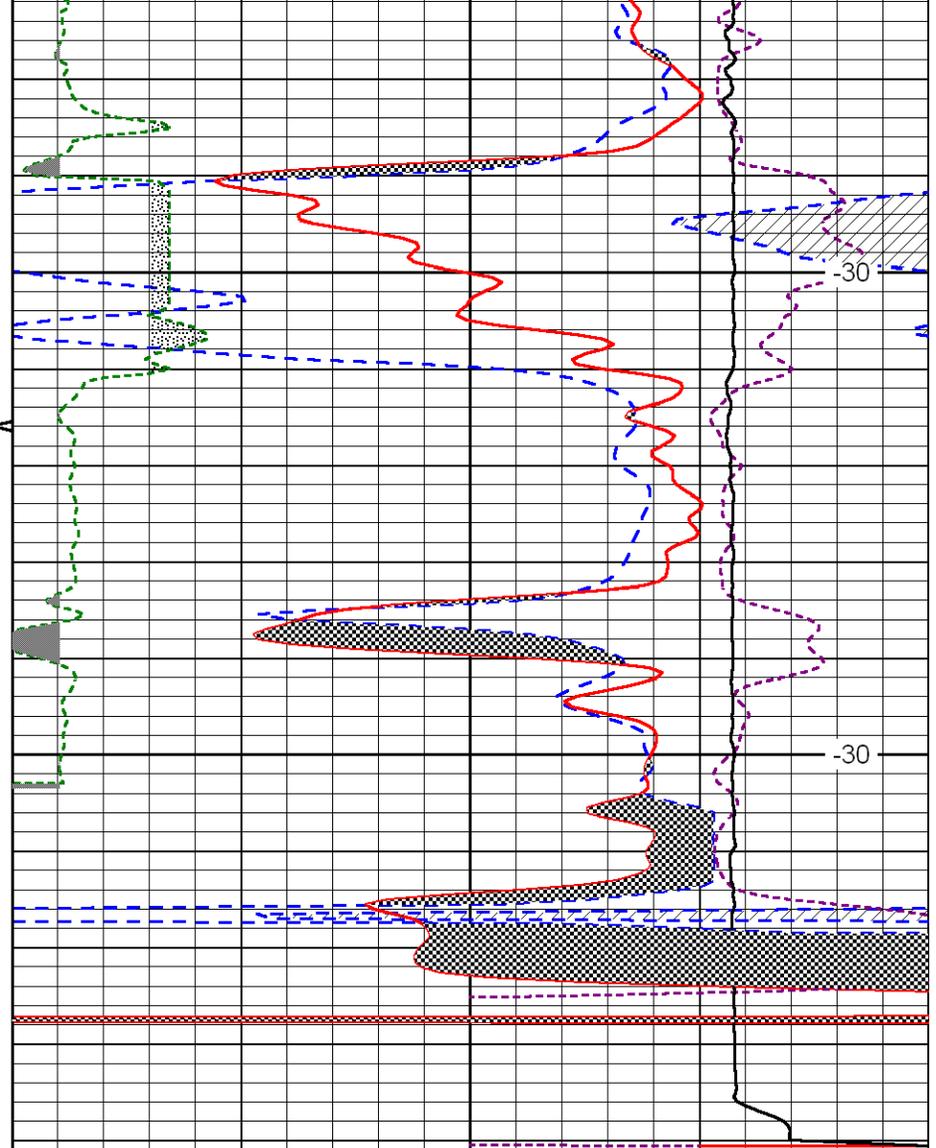




4650

4700

0	Gamma Ray	150
6	Caliper (GAPI)	16



-30

-30

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