



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-171-21,119-00-00

Company Val Energy, Inc.

Well CJK NO. 1-17

Field Star Trek

County Scott

State Kansas

Location

1,675' FNL & 952' FWL

Other Services
DIL/MEL

Sec: 17

Twp: 17S

Rge: 33W

Elevation

Permanent Datum Ground Level Elevation 3055
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 3064
D.F. 3055
G.L. 3055

Date 12/19/2014

Run Number One

Type Log CNL / CDL

Depth Driller 4800

Depth Logger 4804

Bottom Logged Interval 4783

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 9000

Density 9.4

Level Full

Max. Rec. Temp. F 124

Operating Rig Time 4 Hours

Equipment -- Location 108 Hays

Recorded By J. Long

Witnessed By Harley Sayles

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	246	8.625	23#	00	246
Two	7.875	246	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

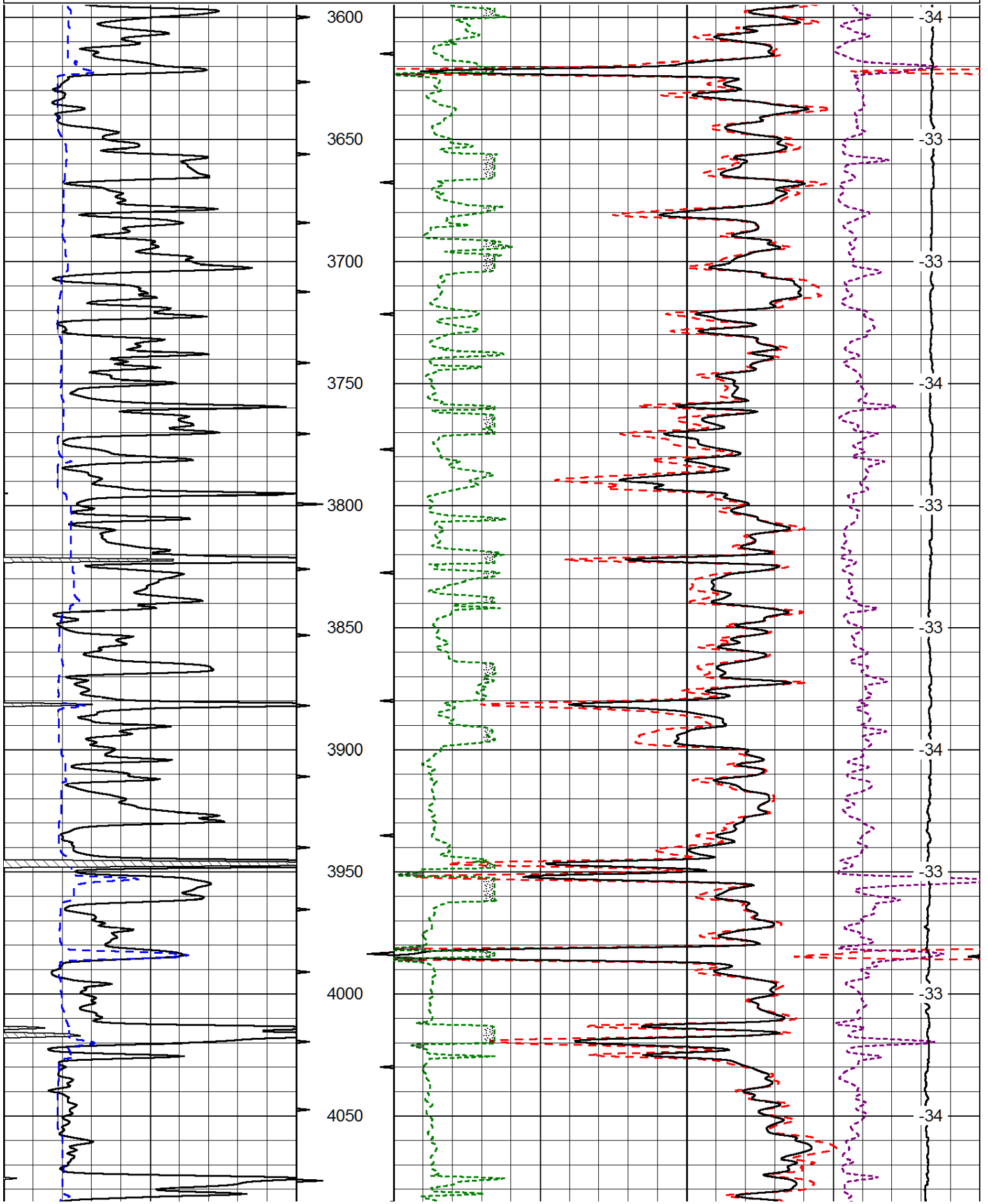
Thank you for using Log-Tech, Inc.
(785) 625-3858

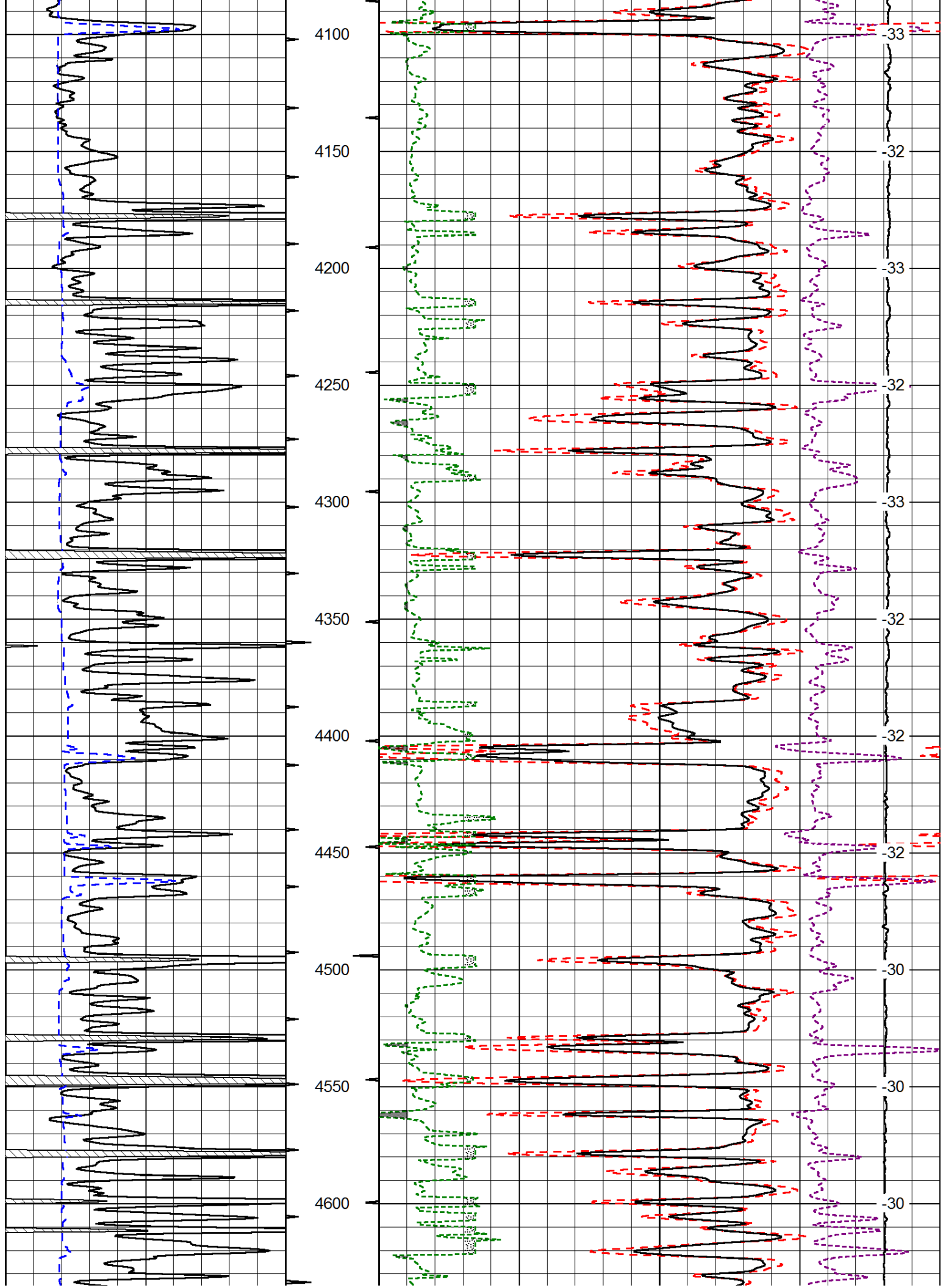
Oakley, South to Highway 83 and Highway 4 Intersection, 5 West, 1 1/2 South Into

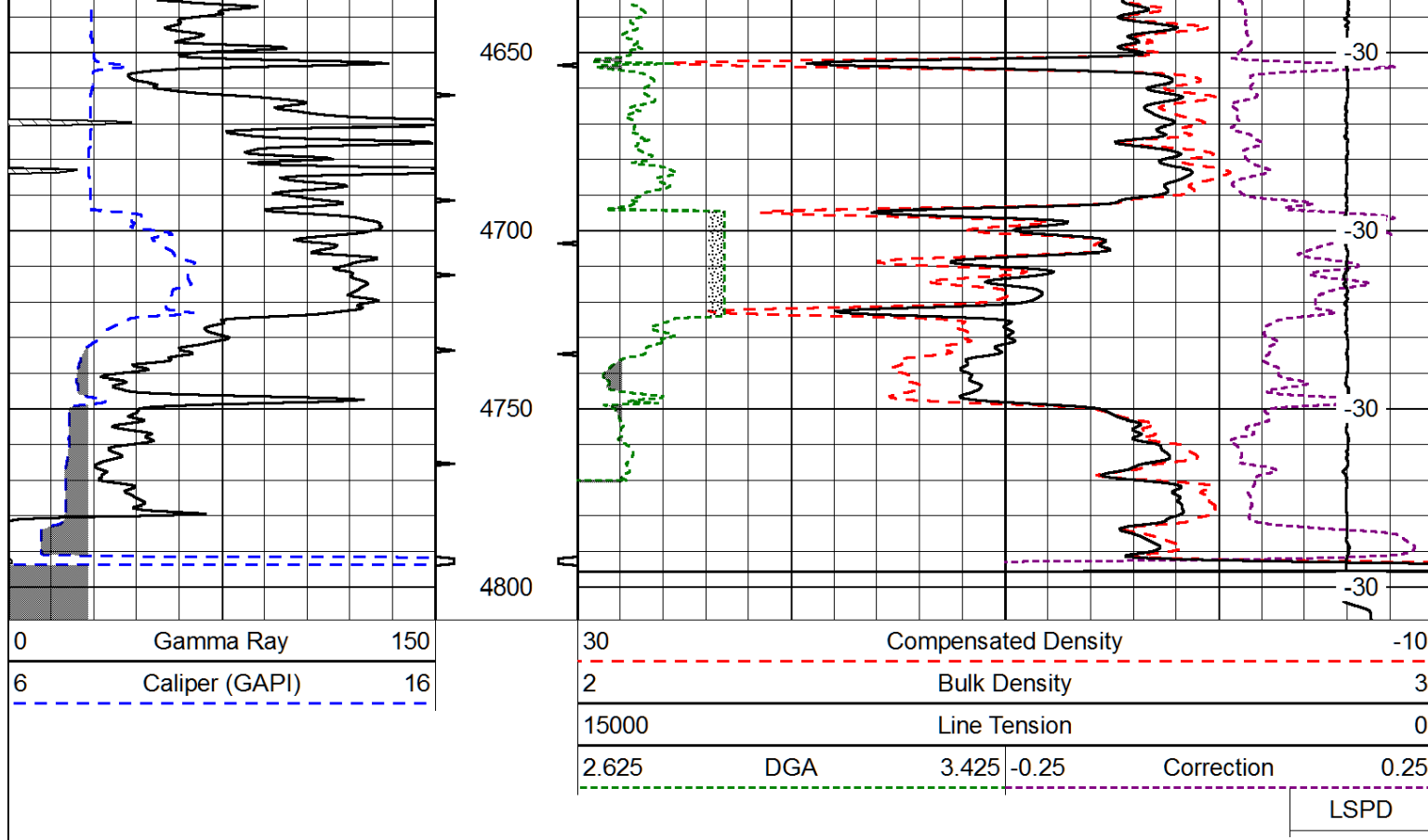
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Dataset Pathname: dil/valstck
Presentation Format: cdl
Dataset Creation: Fri Dec 19 19:27:50 2014
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

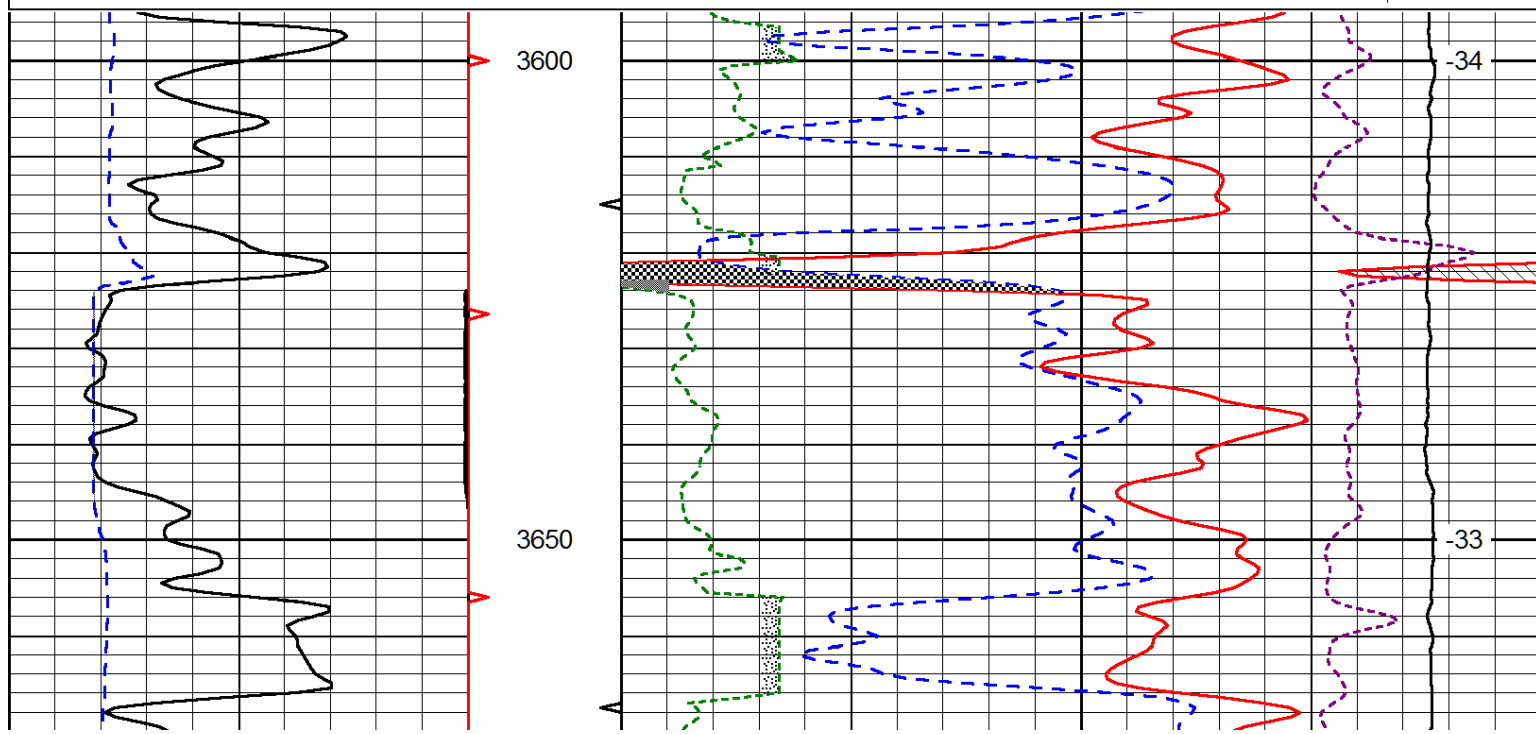
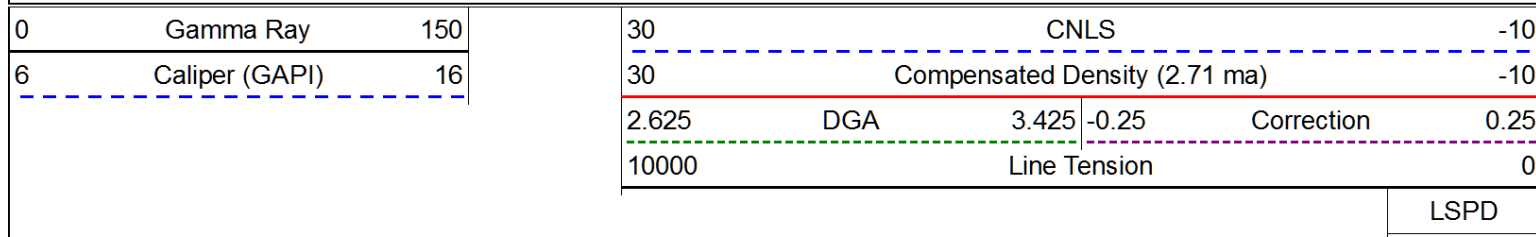
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			

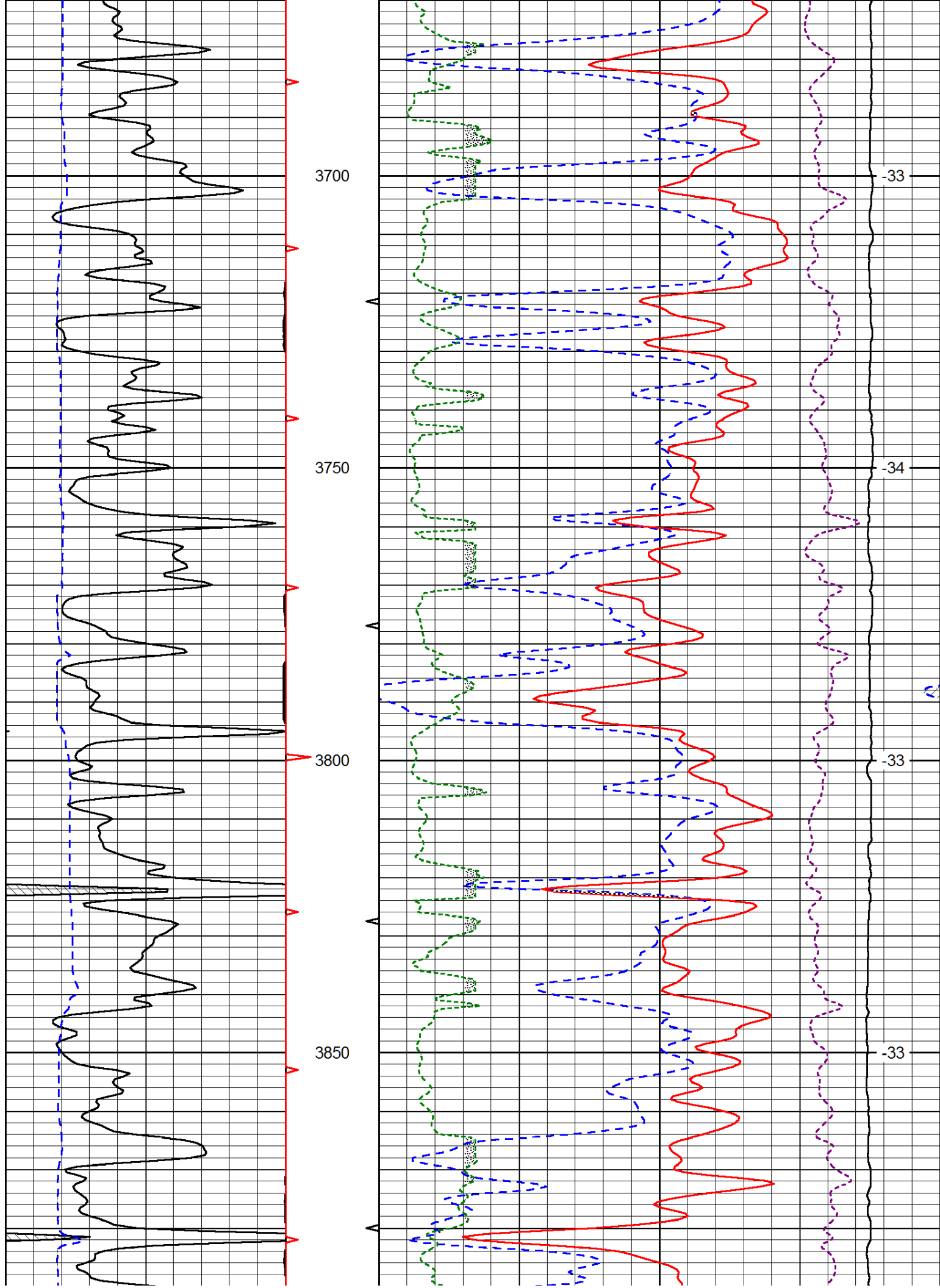


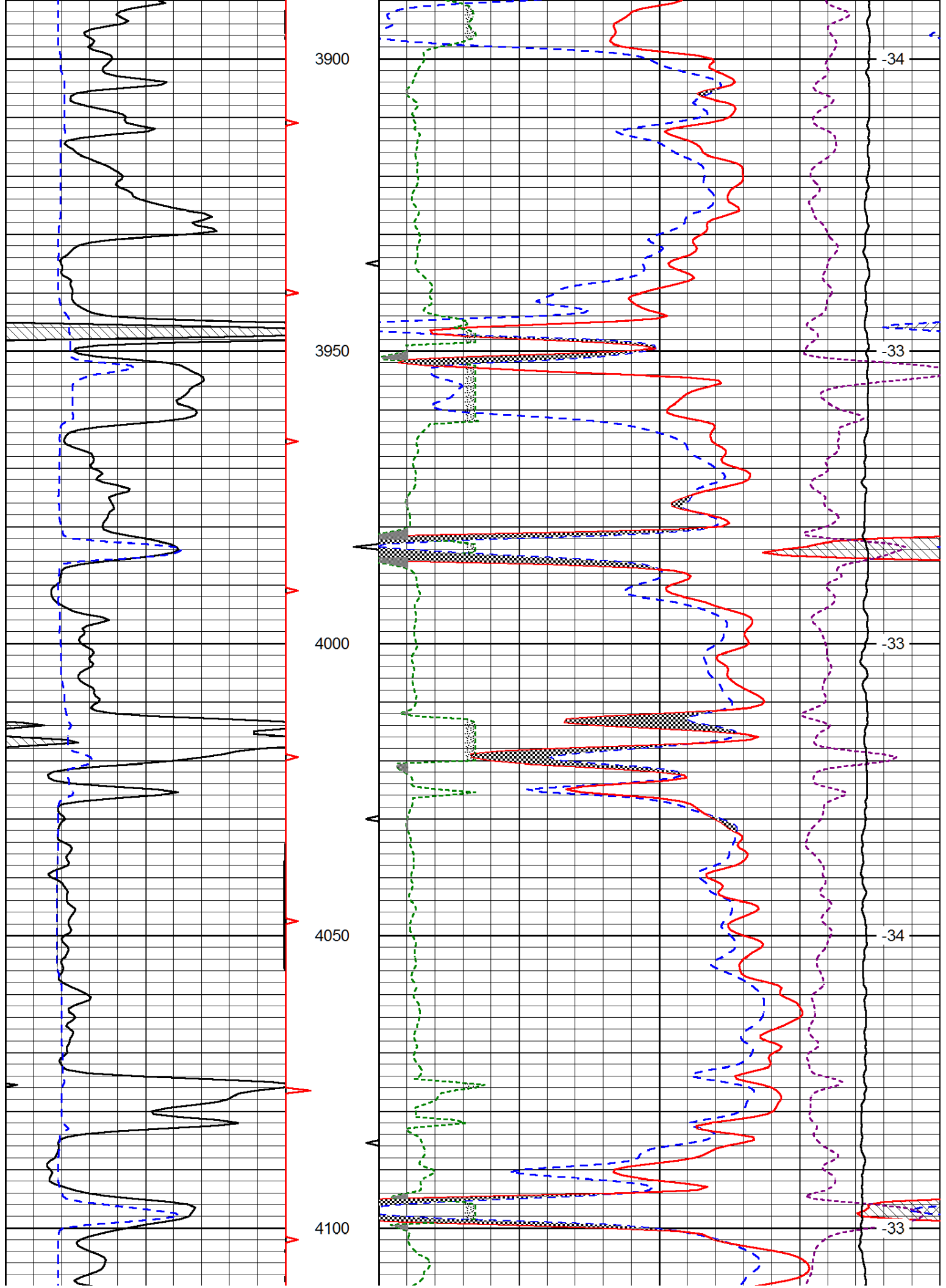


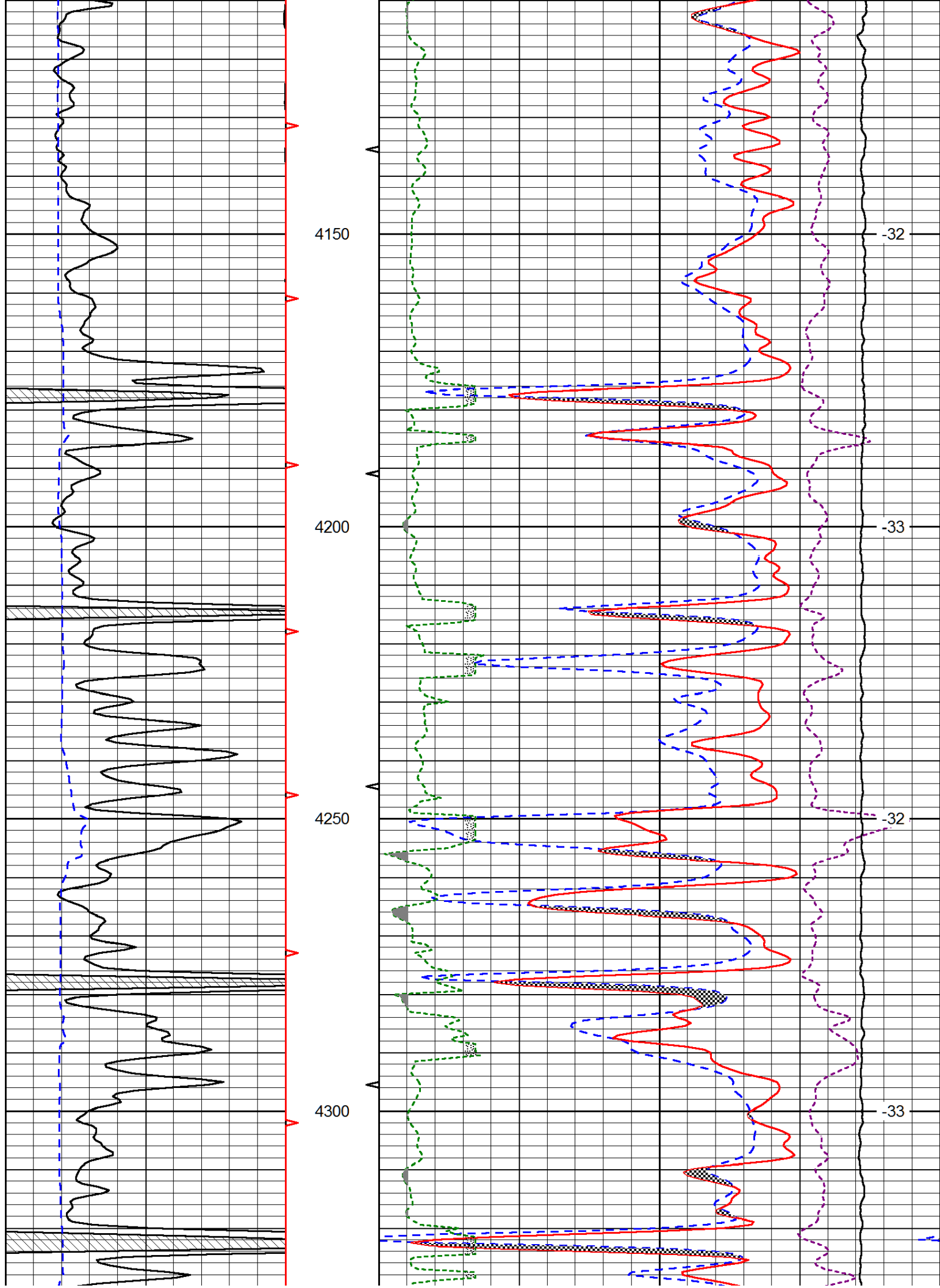


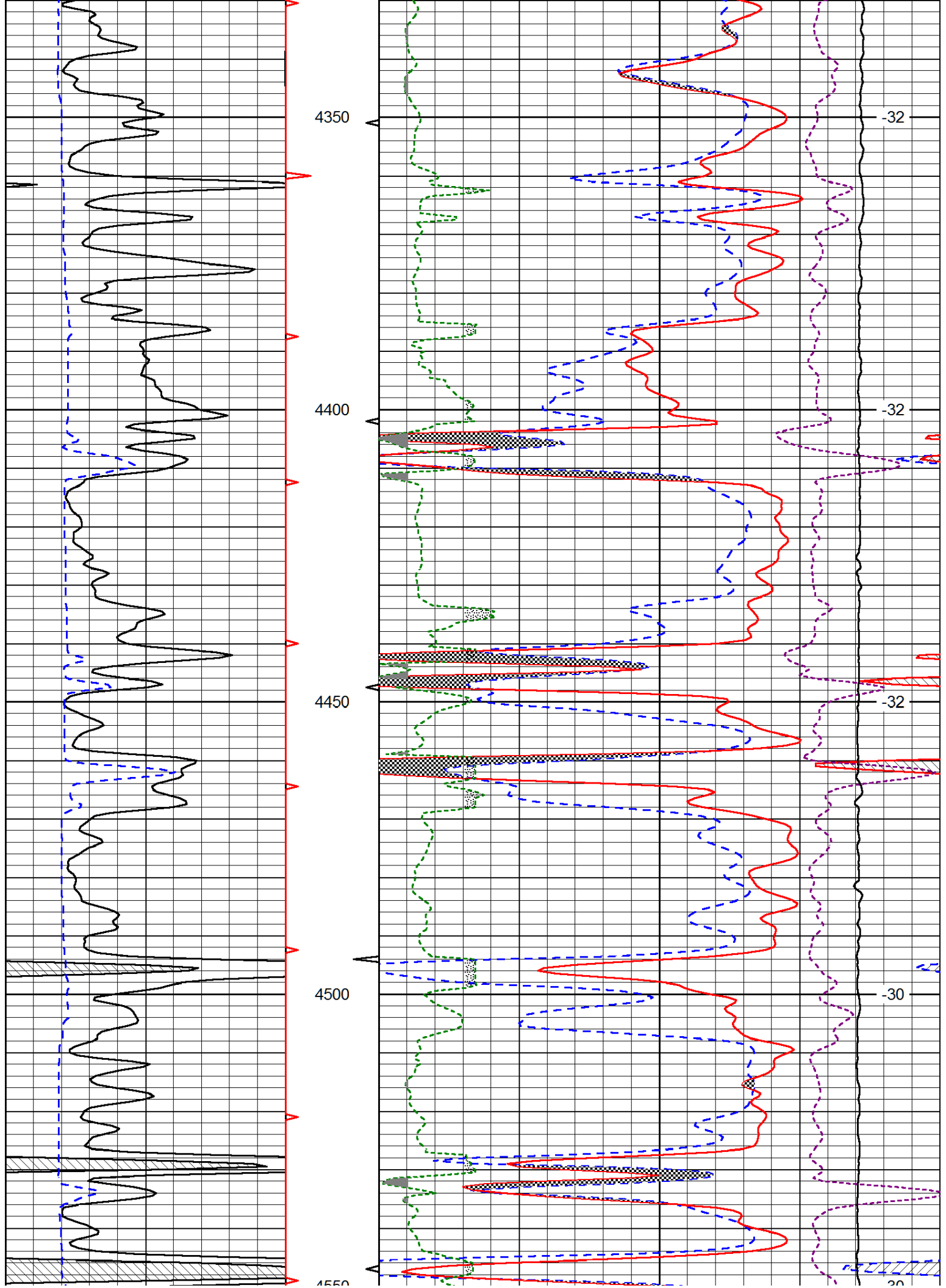
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Charted by: Depth in Feet scaled 1:240

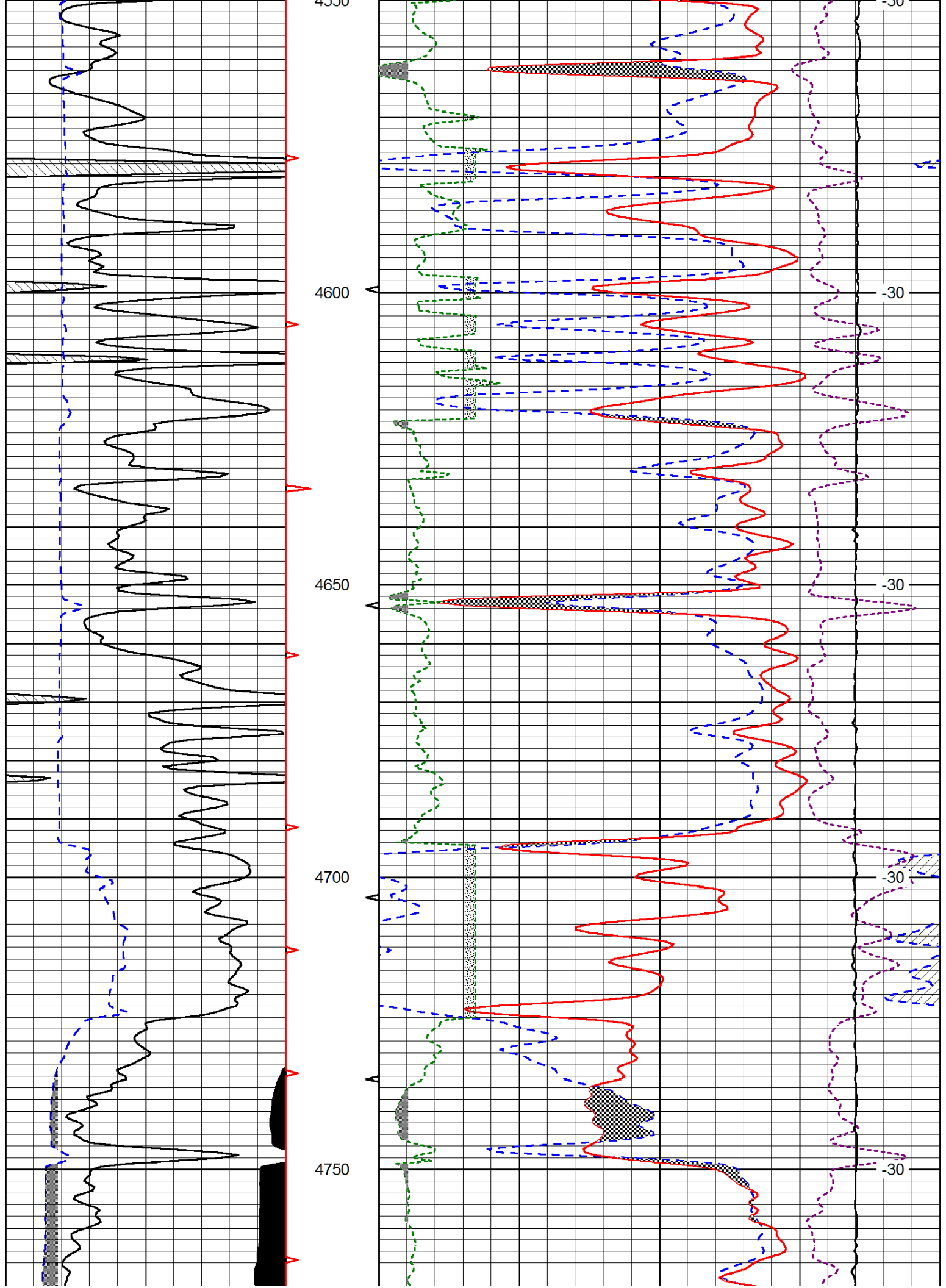


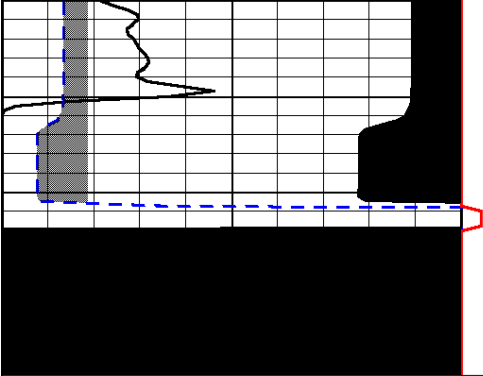






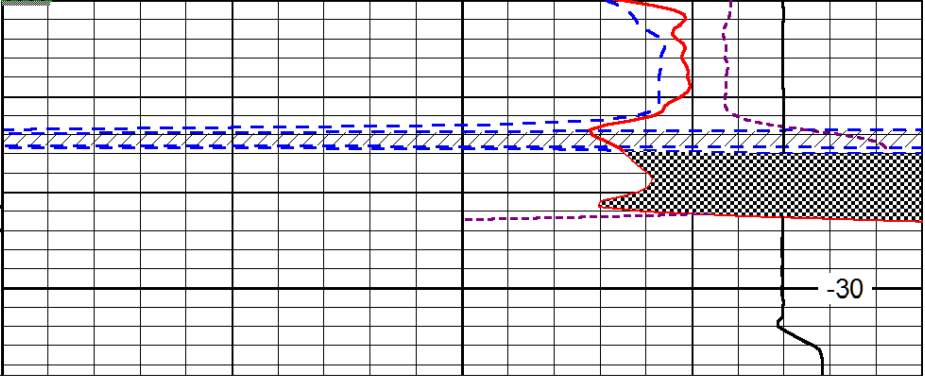






4800

0	Gamma Ray	150
6	Caliper (GAPI)	16



-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