PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No. 15-077-21992-00-00

Company R & B Oil & Gas, Inc.

Well Hostetler "A" #1

Field Spivey-Grabs

County Harper State Kansas

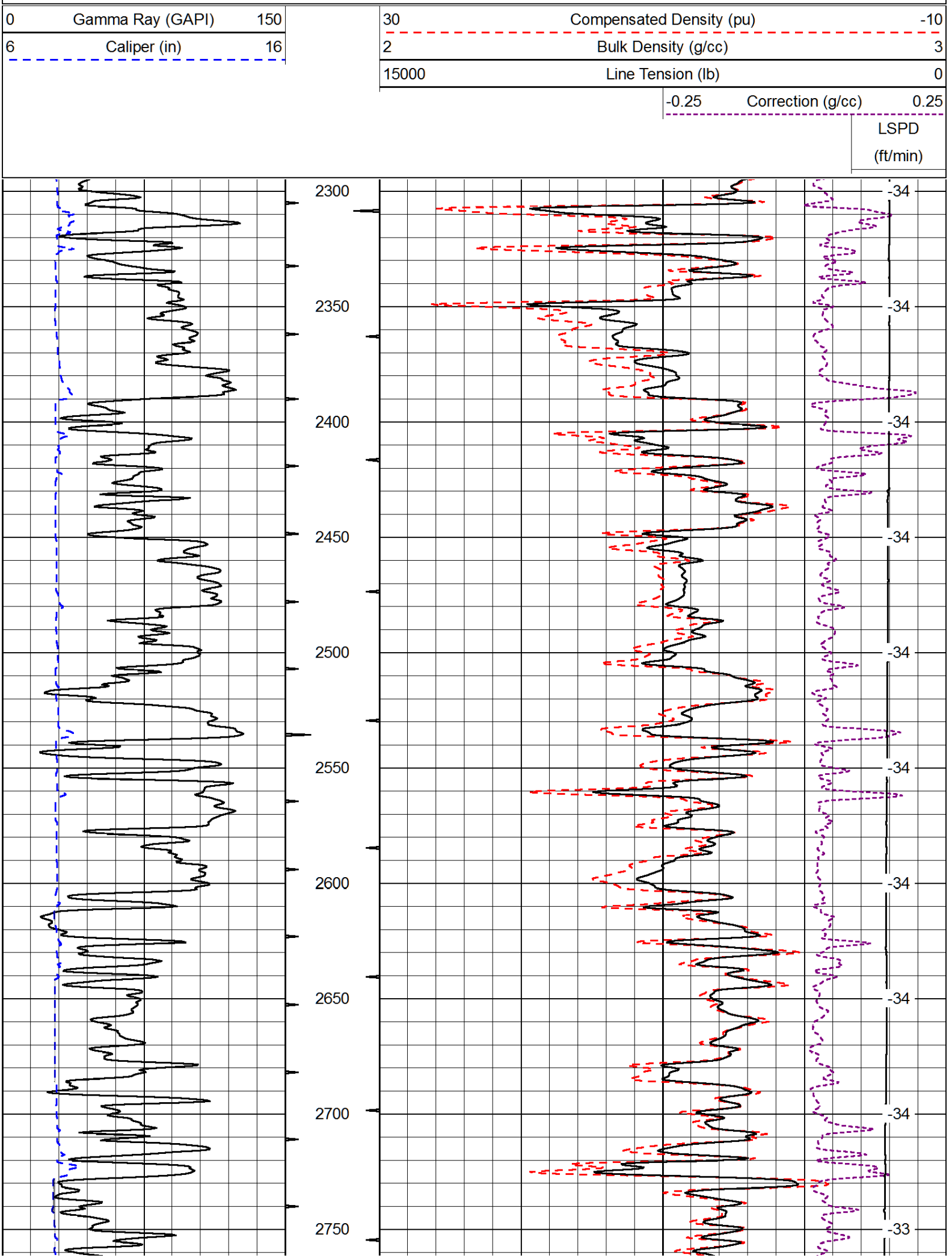
Location 2235' FSL / 330' FEL

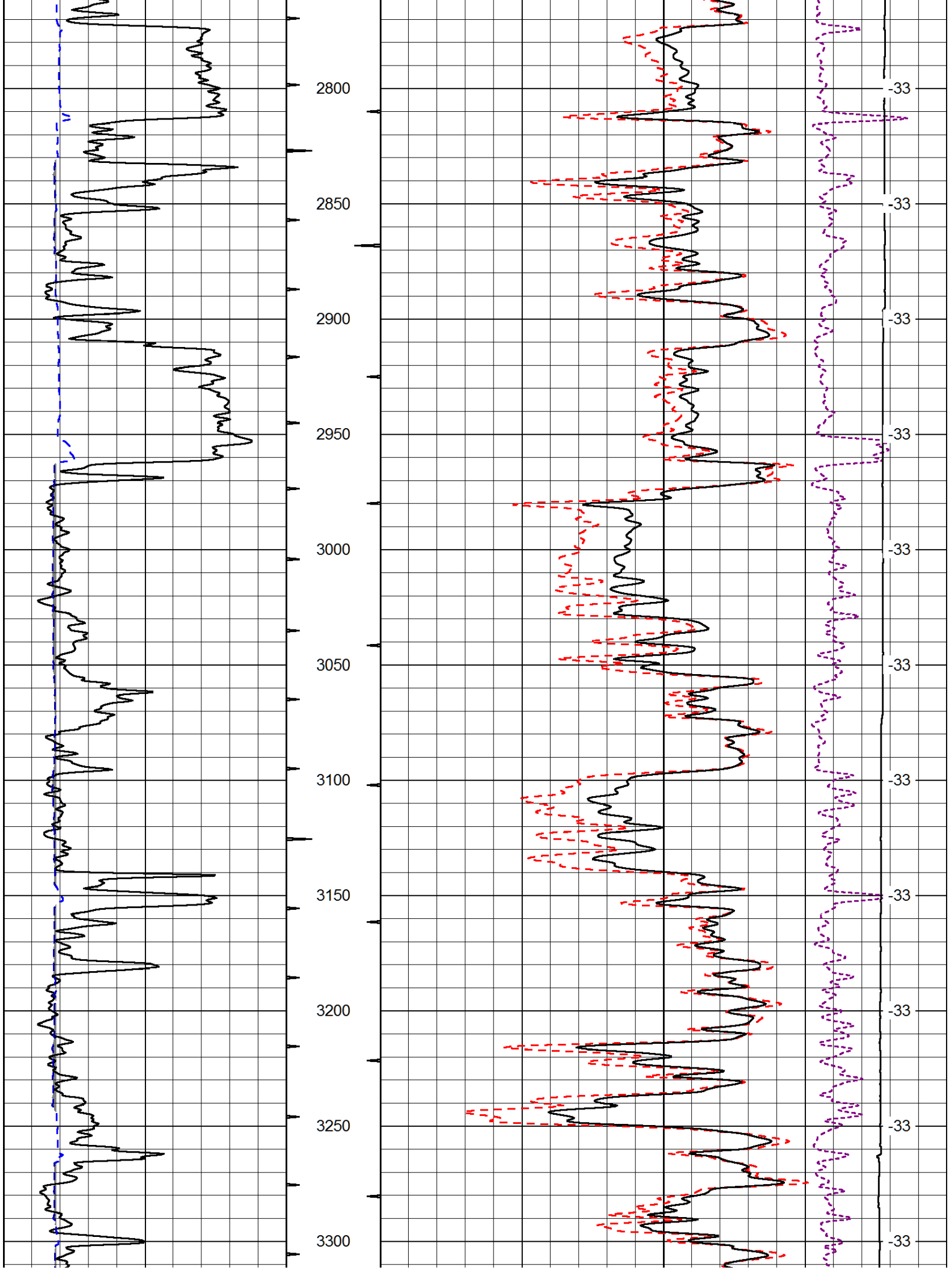
Sec: 16 Twp: 31S Rge: 8W

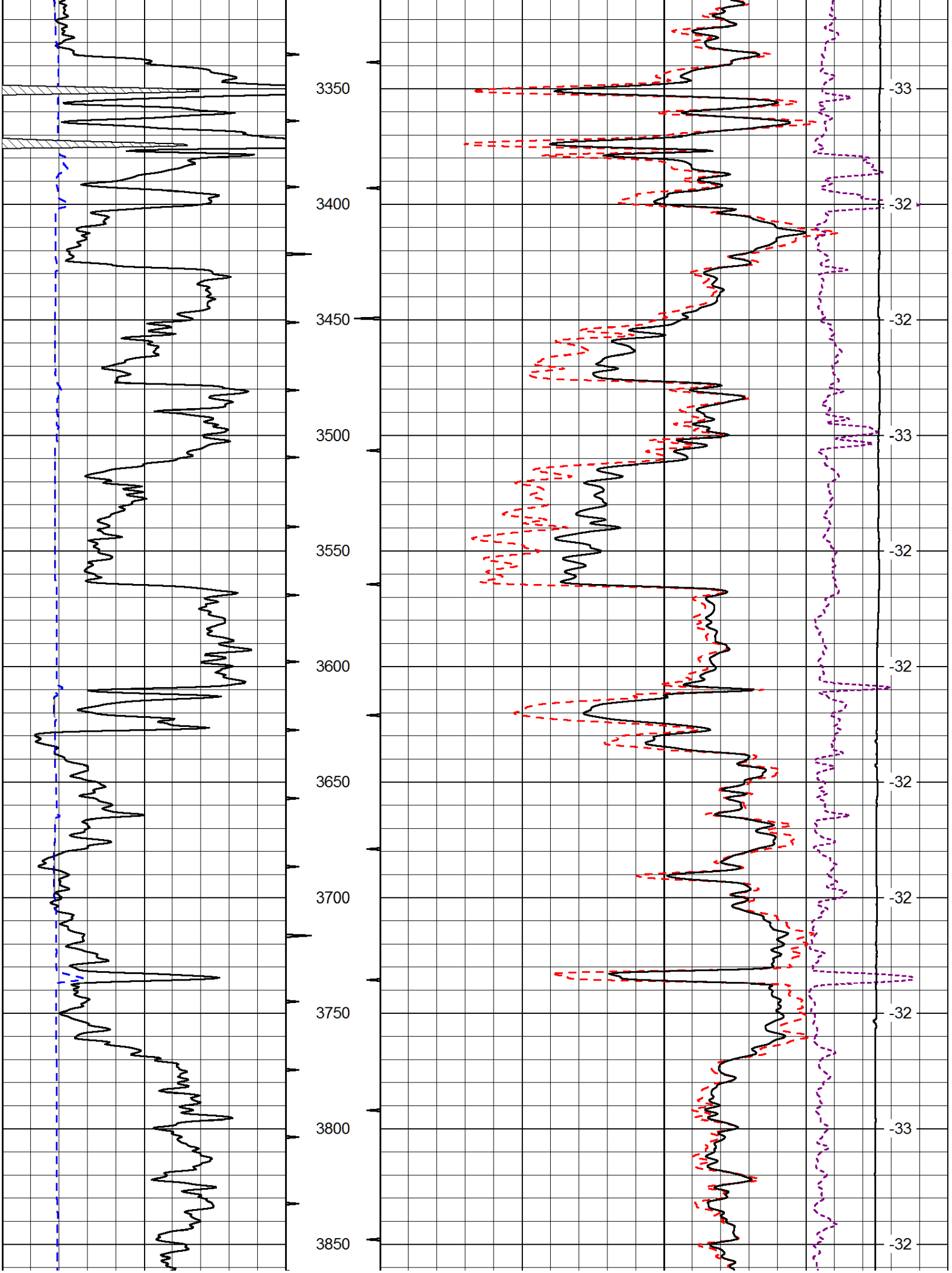
Other Services: DIL

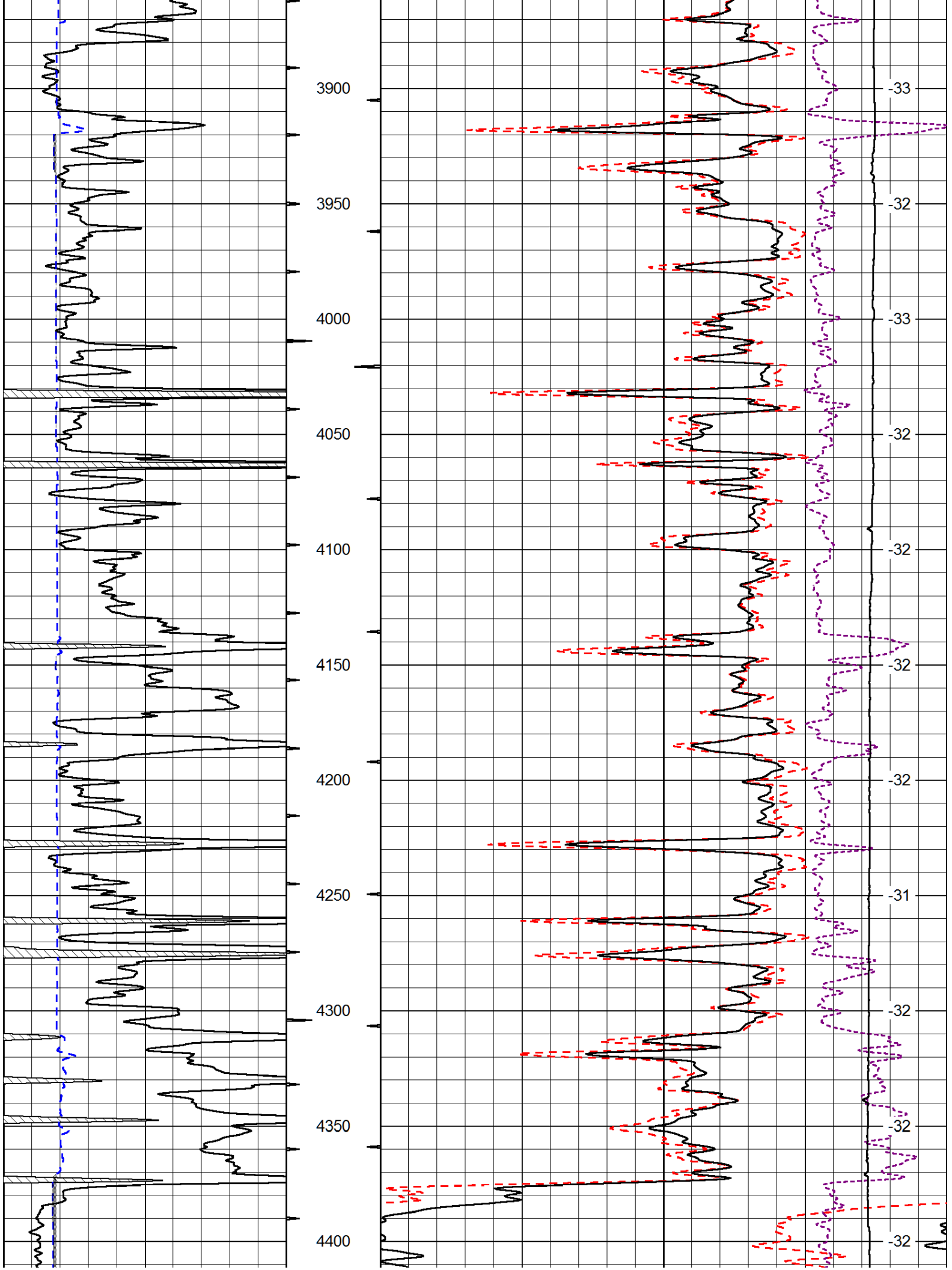
Permanent Datum	Ground Level	Elevation 1600	Elevation
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	K.B. 1610
Drilling Measured From	Kelly Bushing		D.F.
			G.L. 1600

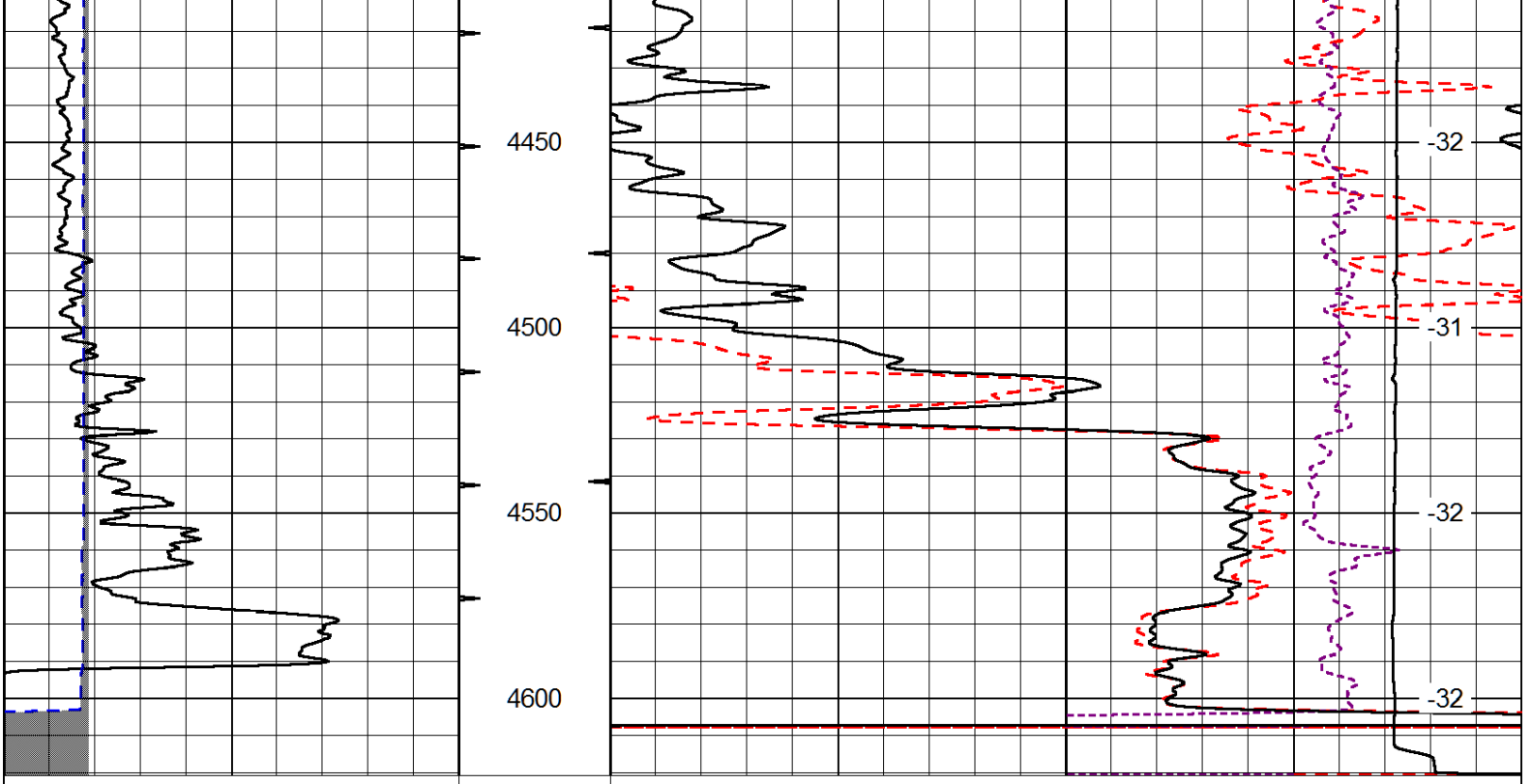
| | | |


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
-0.25 Correction (g/cc) 0.25
LSPD
(ft/min)
2300
2350
2400
2450
2500
2550
2600
2650
2700
2750
-34
-34
-34
-34
-34
-34
-34
-34
-33

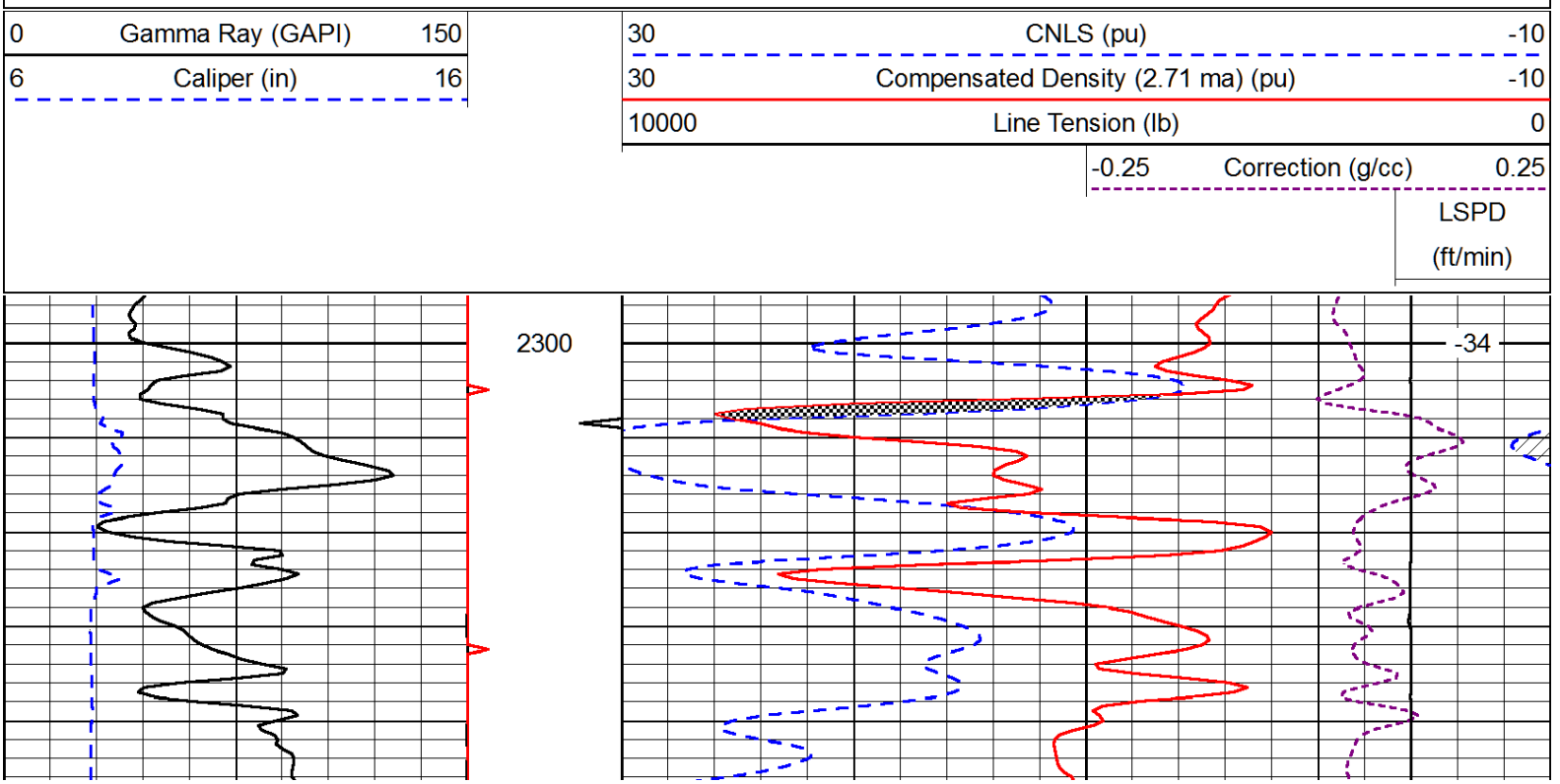

2800
2850
2900
2950
3000
3050
3100
3150
3200
3250
3300
-33
-33
-33
-33
-33
-33
-33
-33
-33
-33

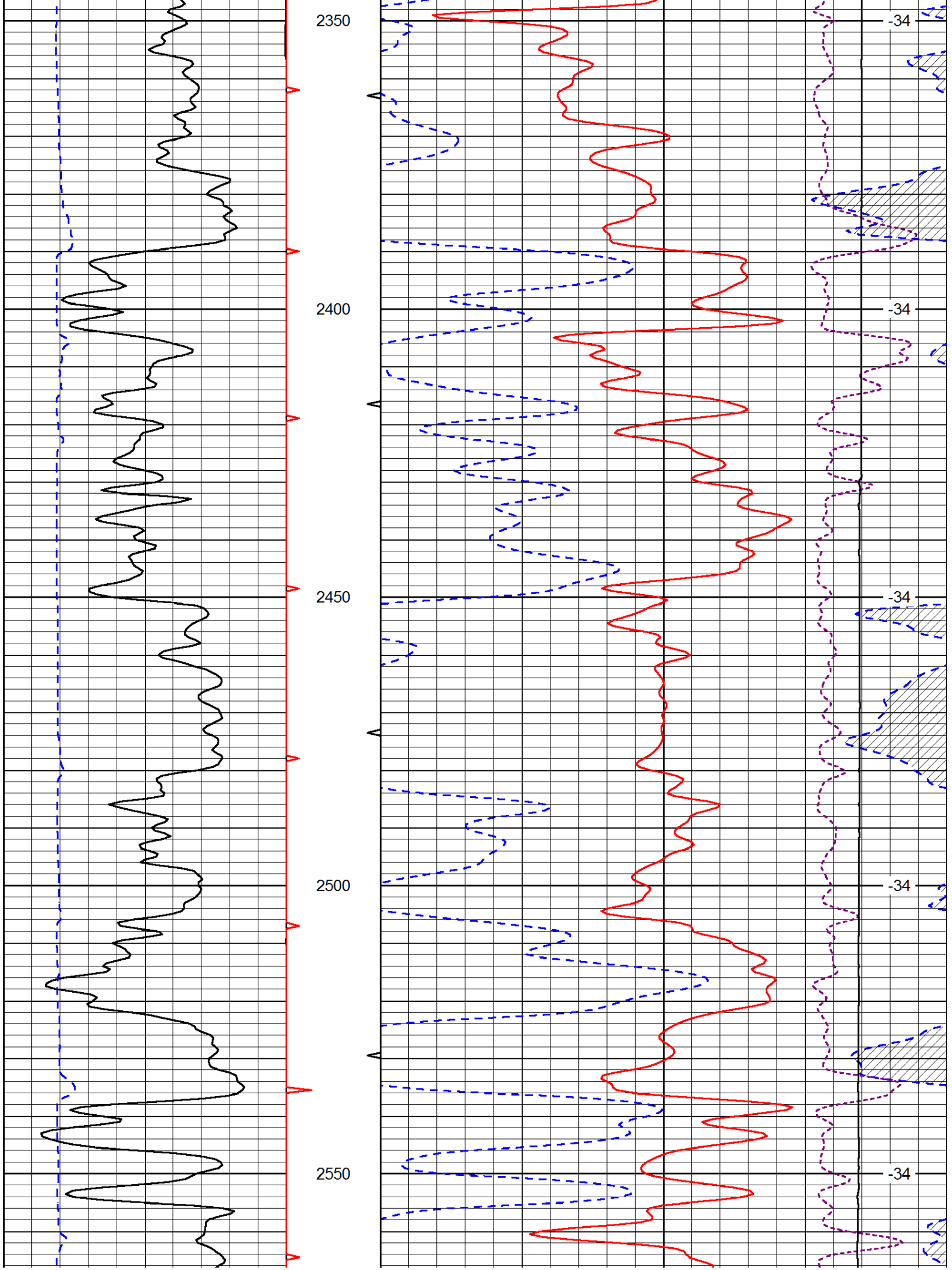

3350
3400
3450
3500
3550
3600
3650
3700
3750
3800
3850
-33
-32
-32
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-32
-32
-33
-32

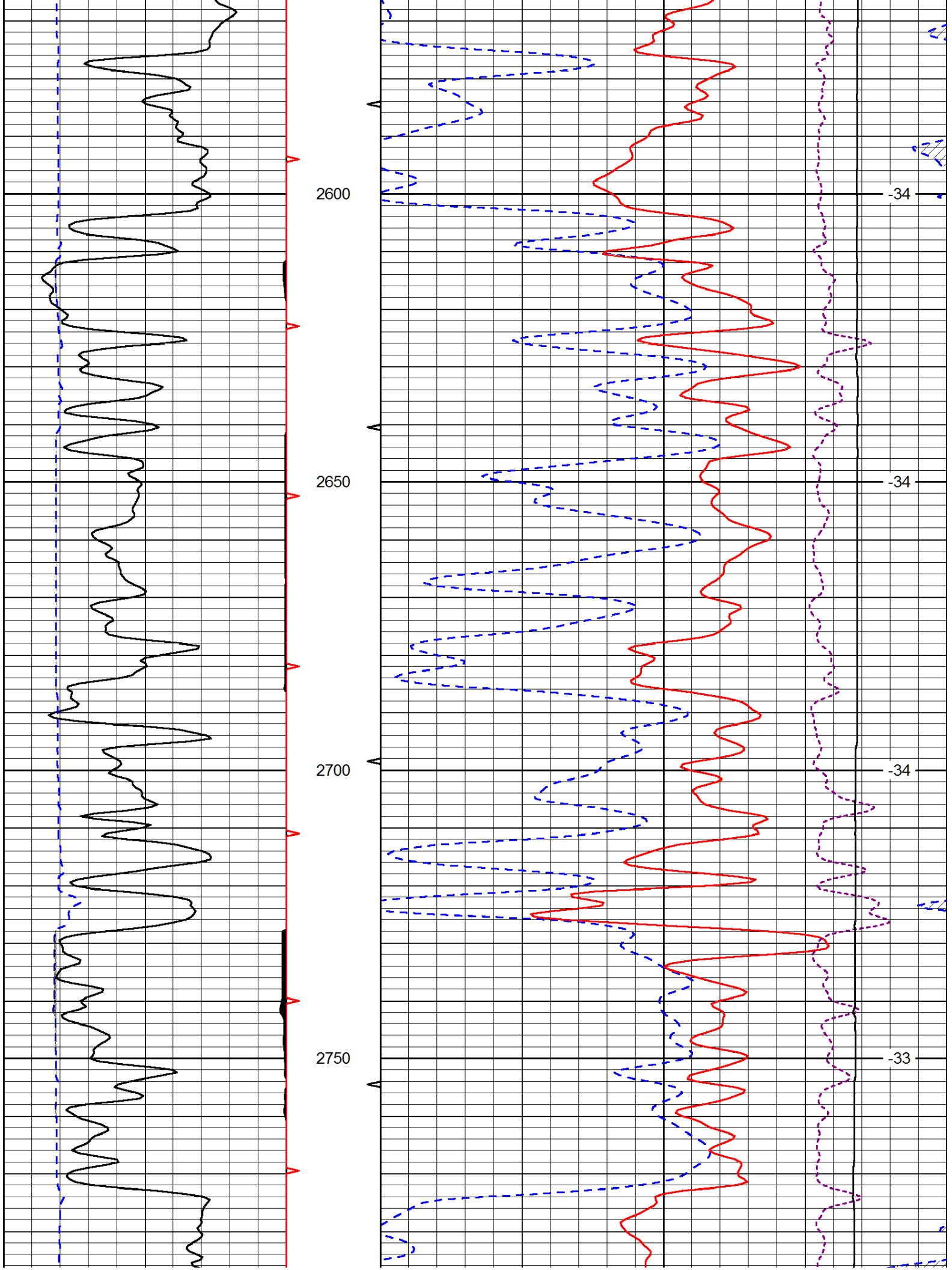

3900
3950
4000
4050
4100
4150
4200
4250
4300
4350
4400
-33
-32
-33
-32
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-31
-32
-32
-32

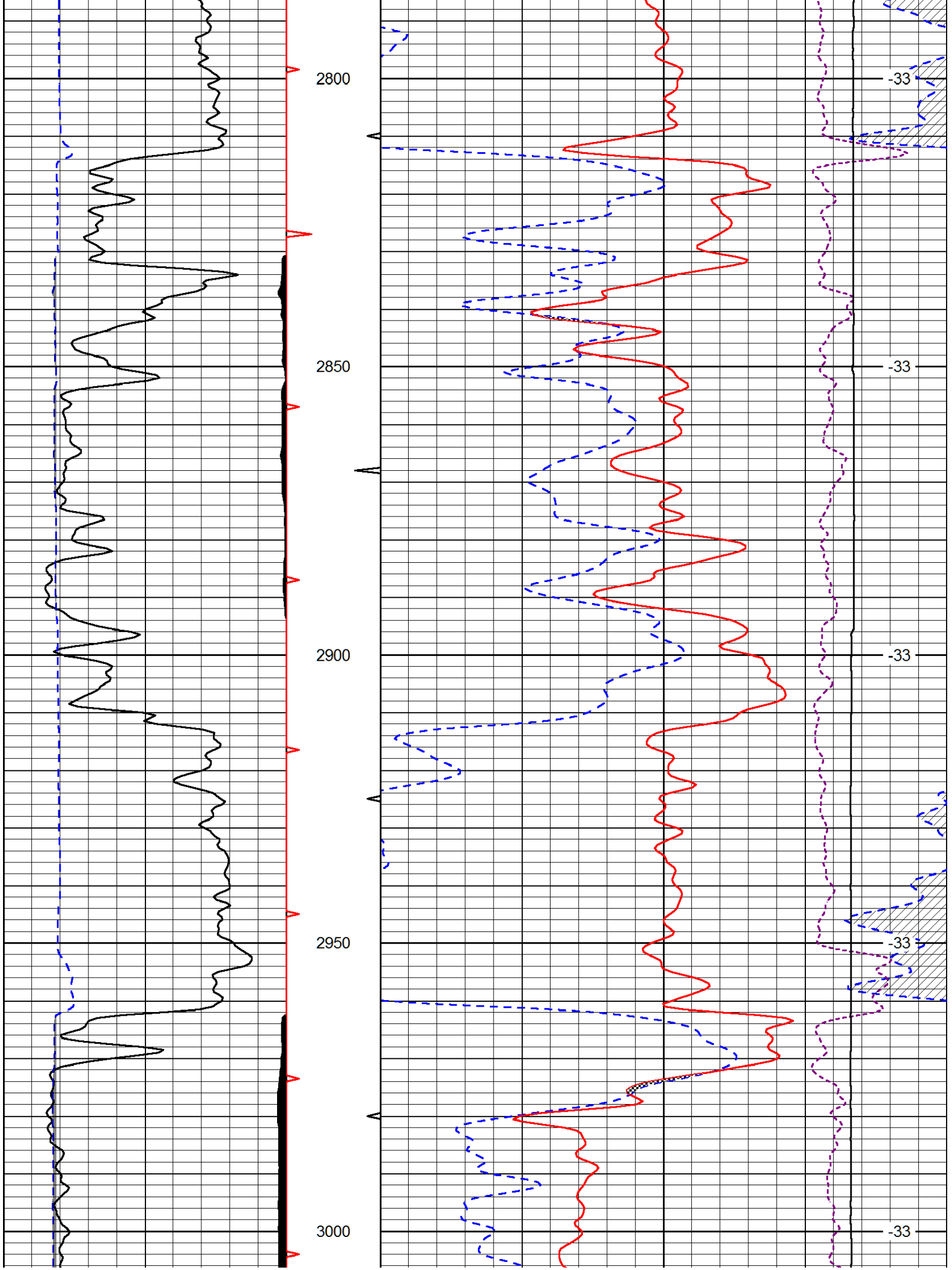


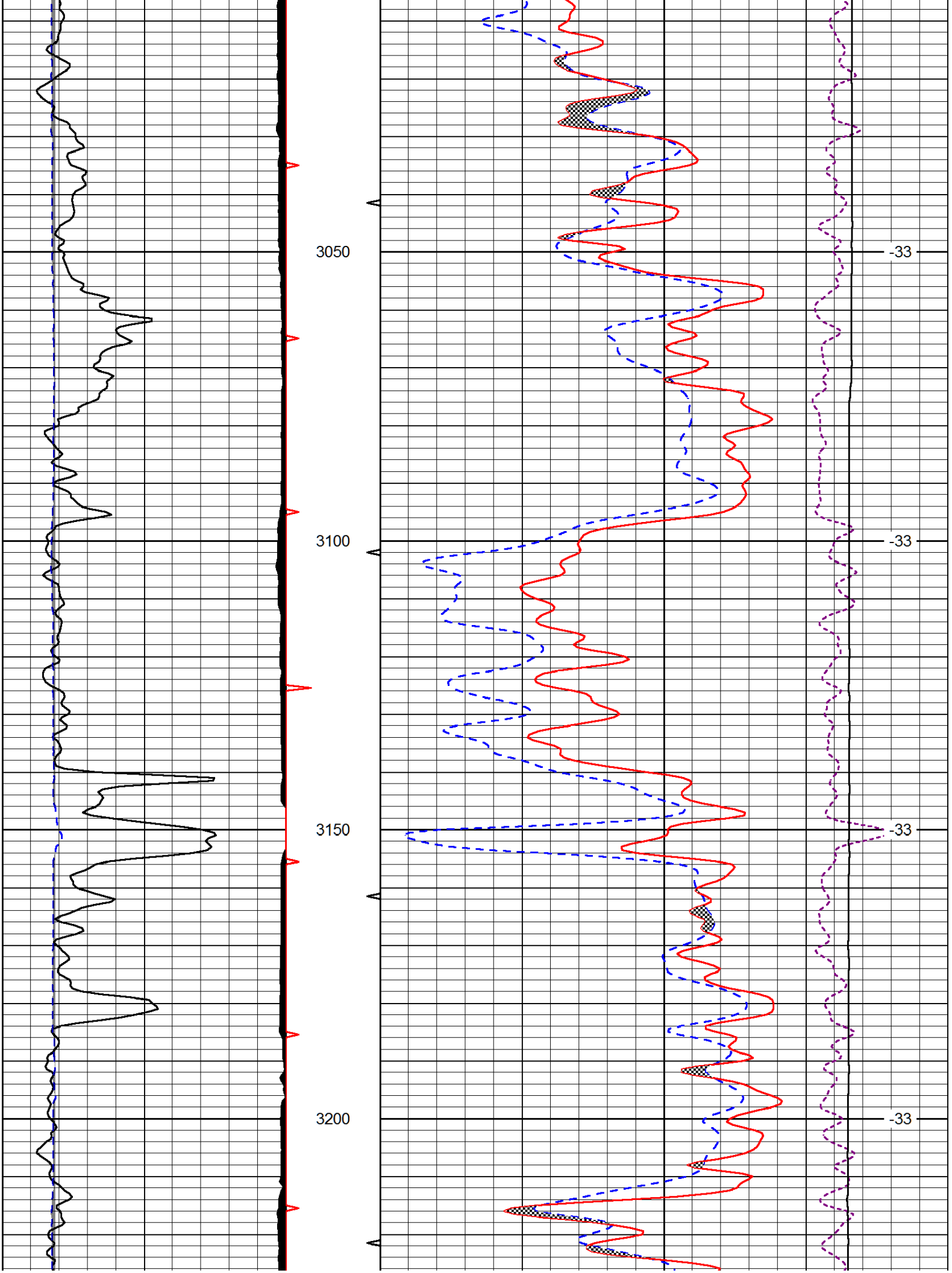
Database File: r&b_hd.db
Dataset Pathname: dil/rbmain
Presentation Format: cndlspec
Dataset Creation: Sun Dec 08 20:45:38 2013
Charted by: Depth in Feet scaled 1:240

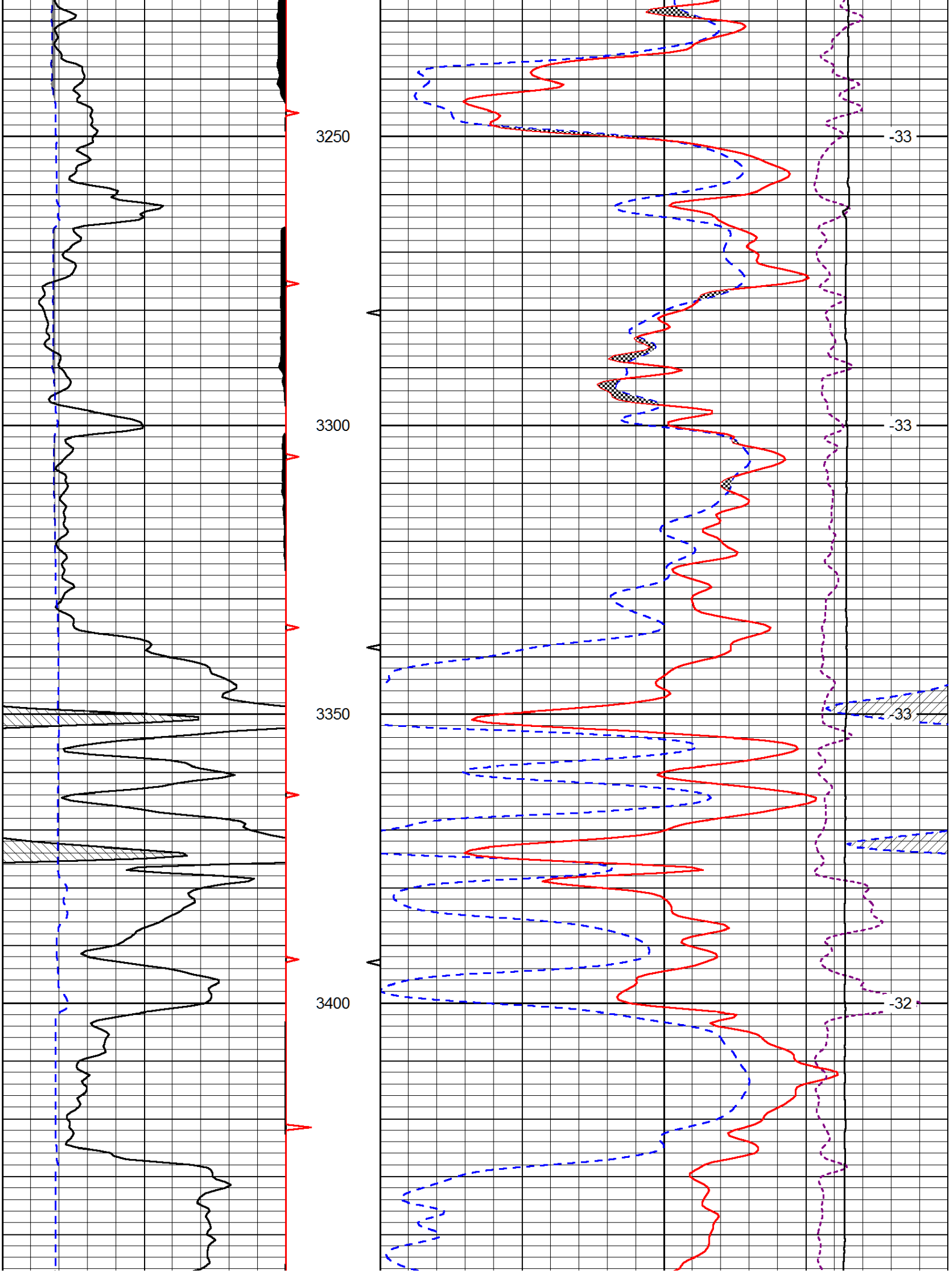


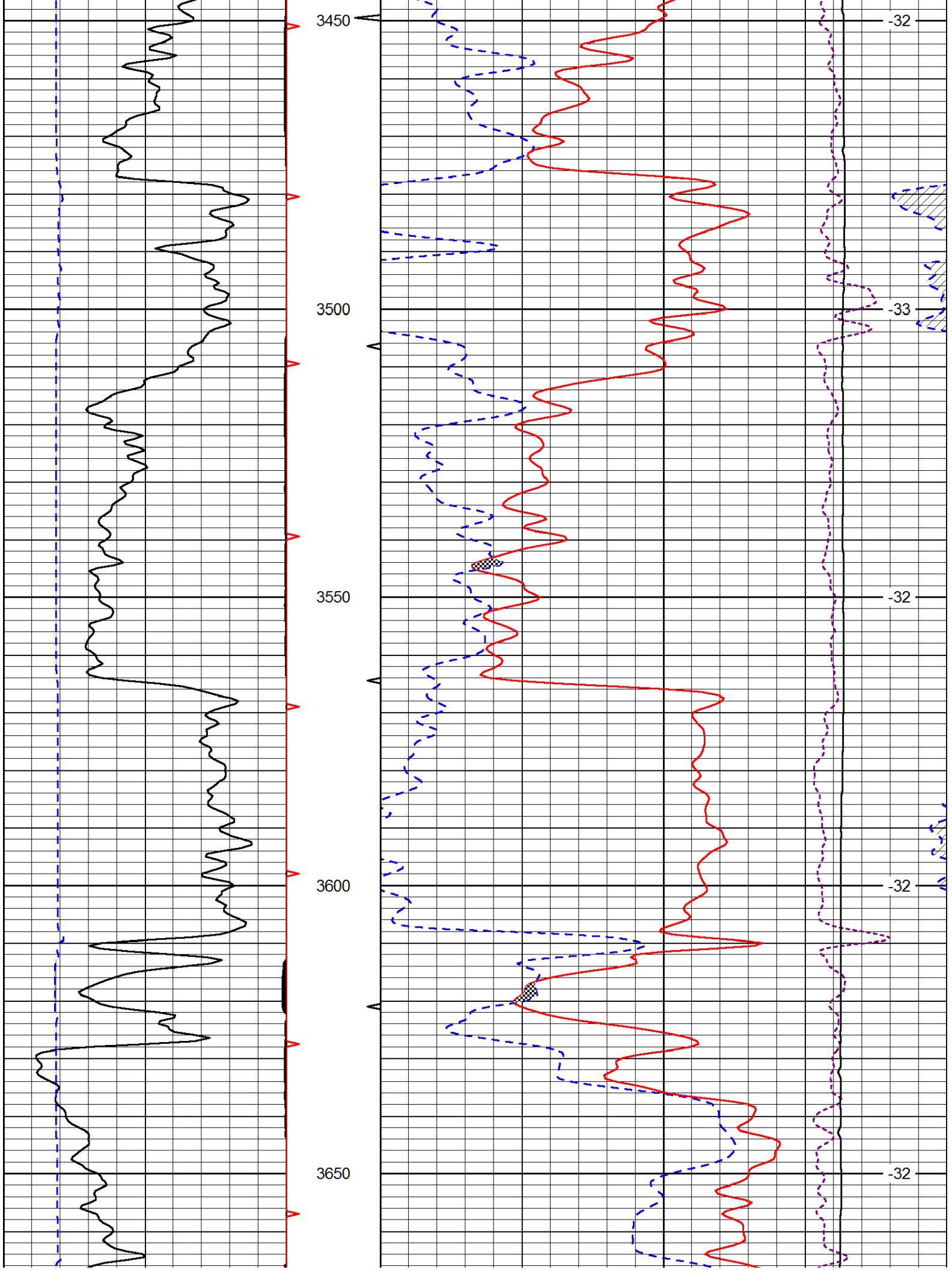

2350
2400
2450
2500
2550
-34
-34
-34
-34
-34

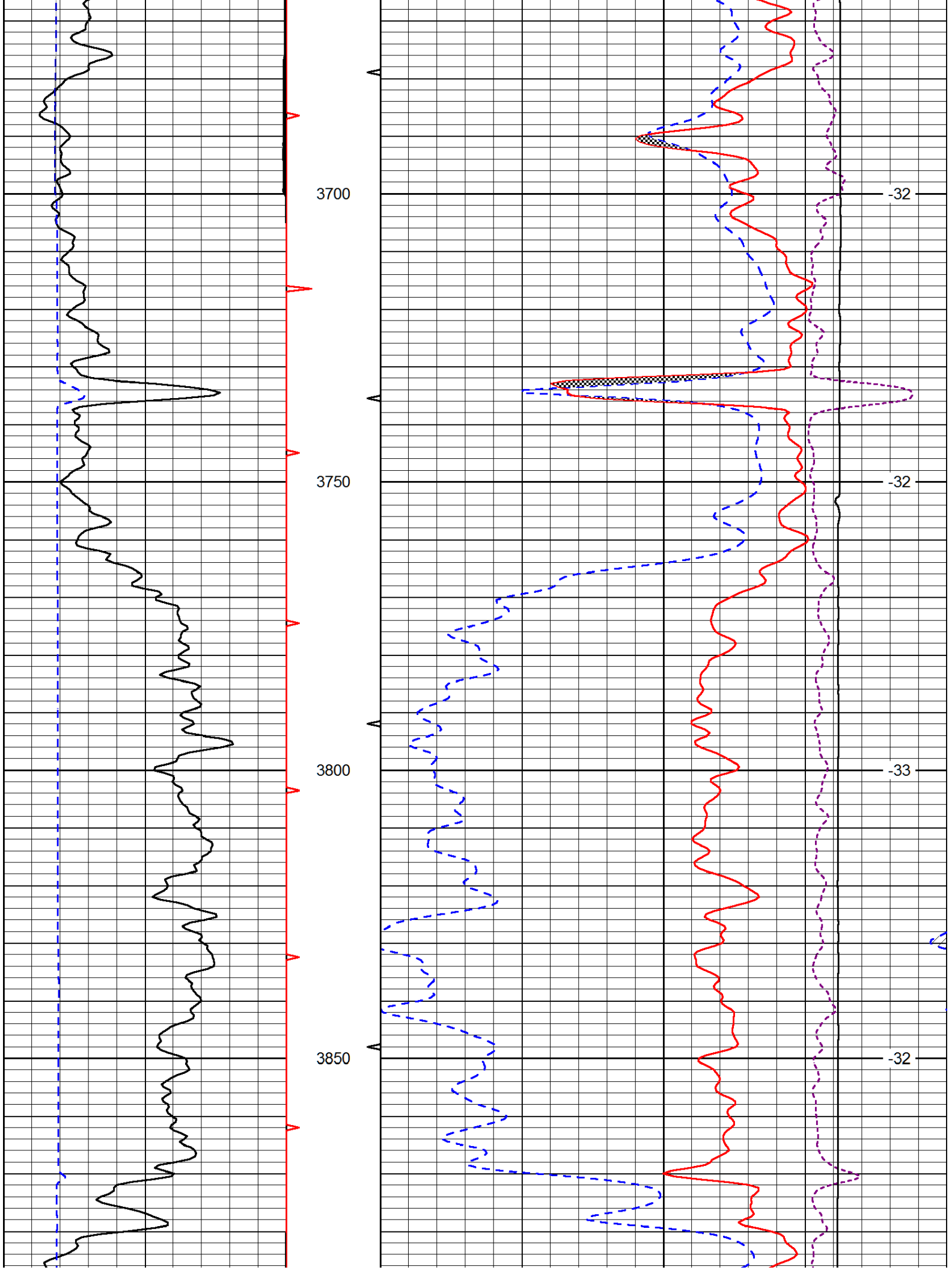

2600
2650
2700
2750
-34
-34
-34
-33

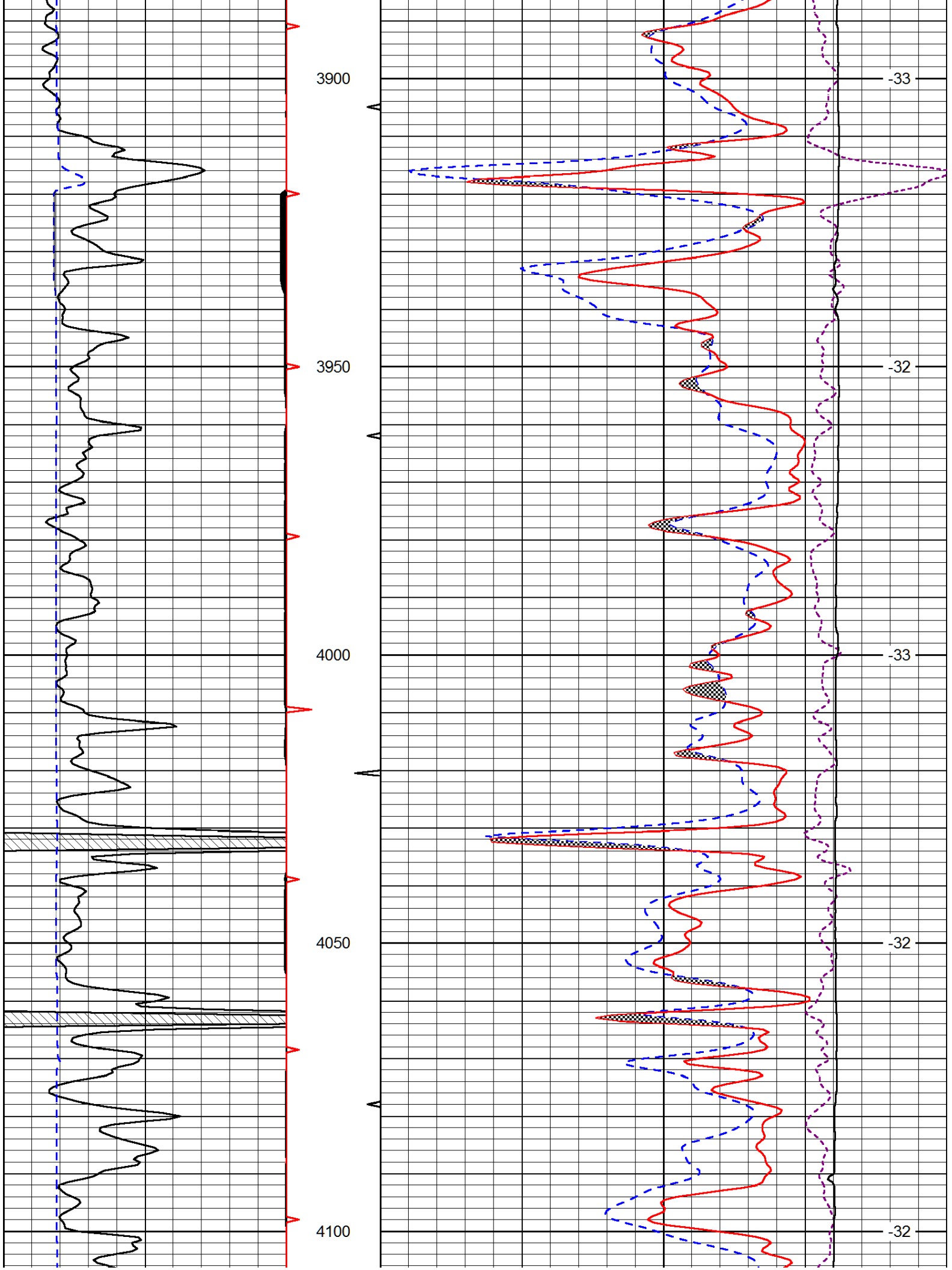

2800
2850
2900
2950
3000
-33
-33
-33
-33
-33

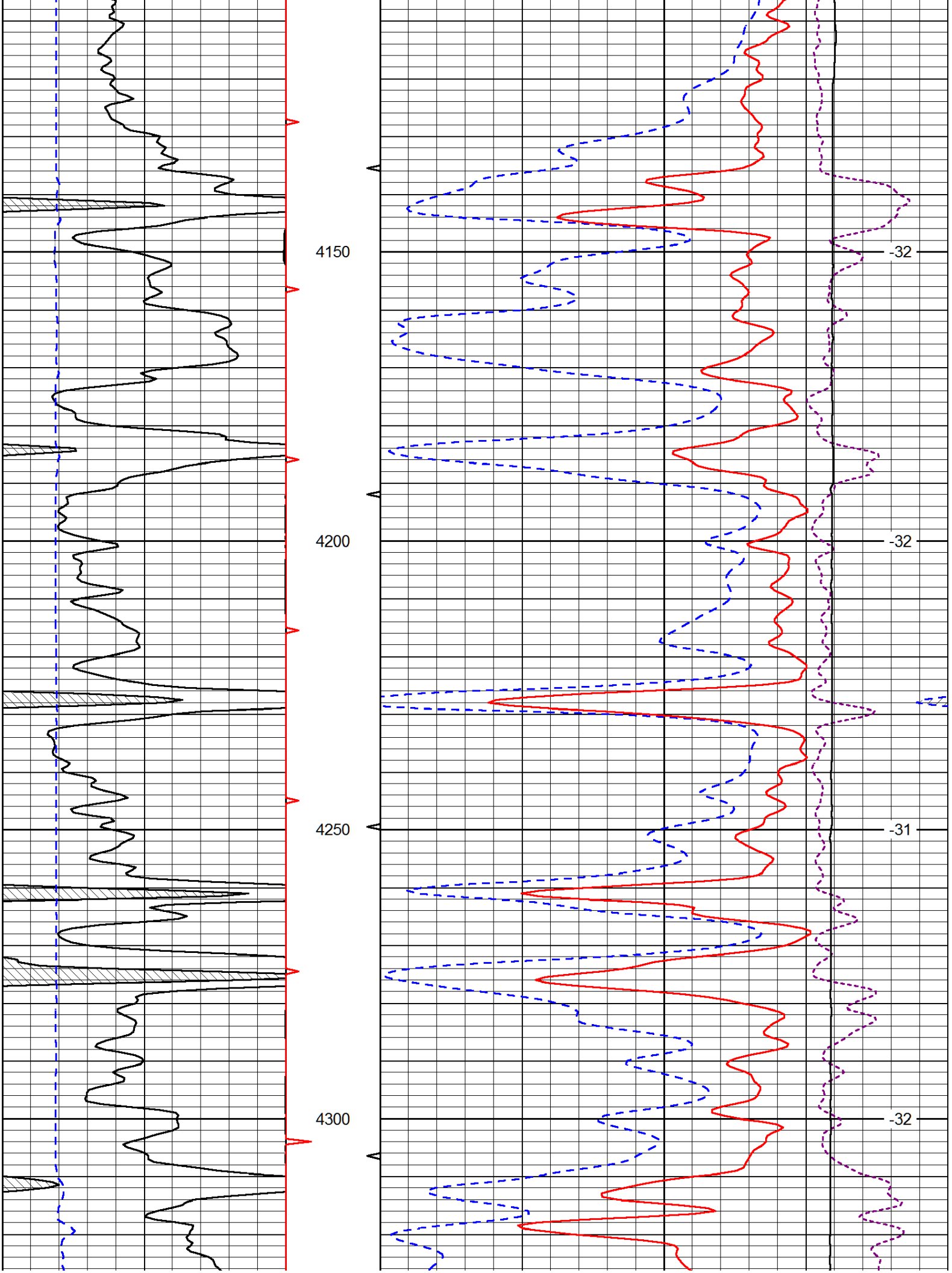

3050
3100
3150
3200
-33
-33
-33
-33

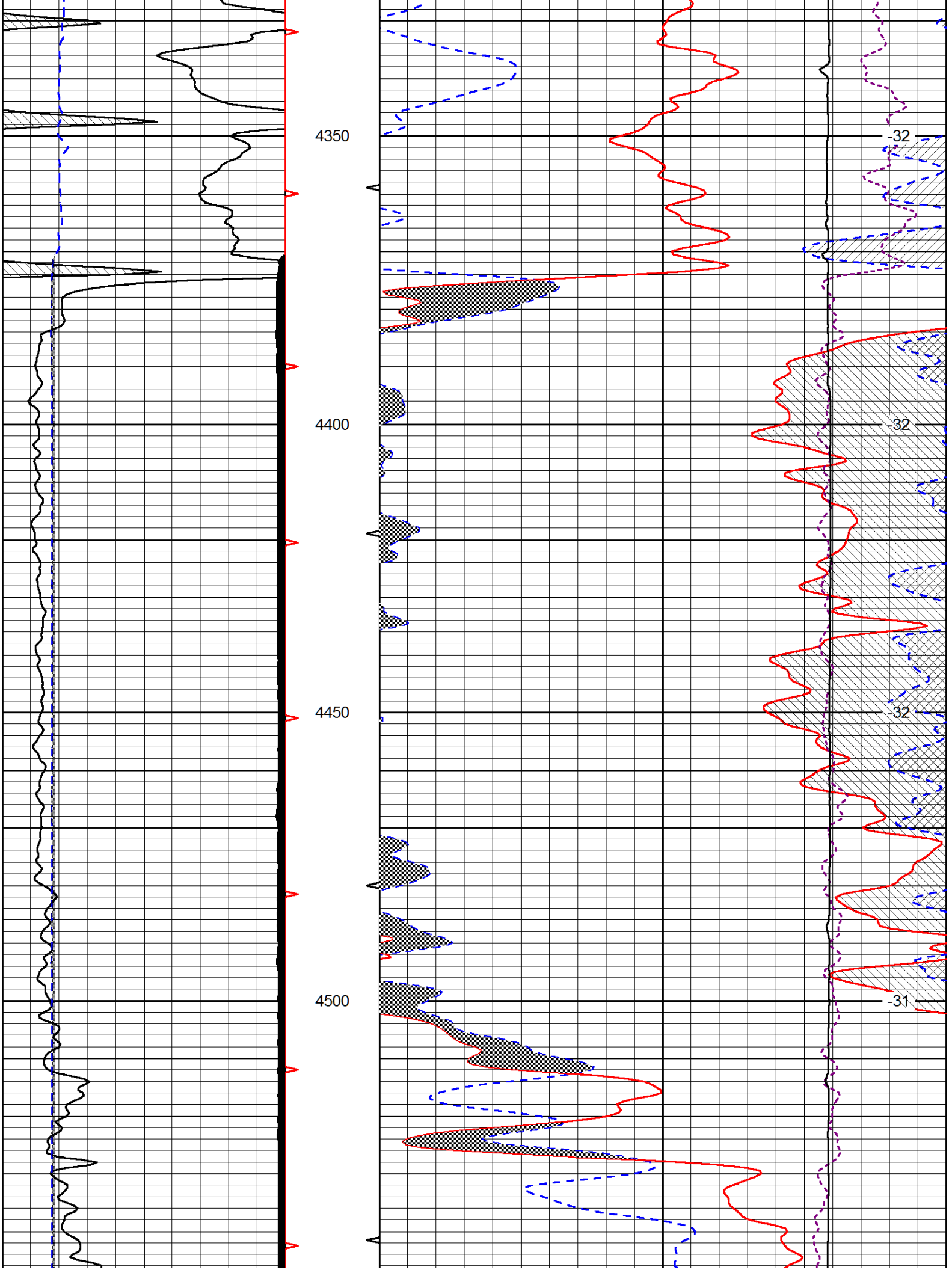

3250
3300
3350
3400
-33
-33
-33
-32

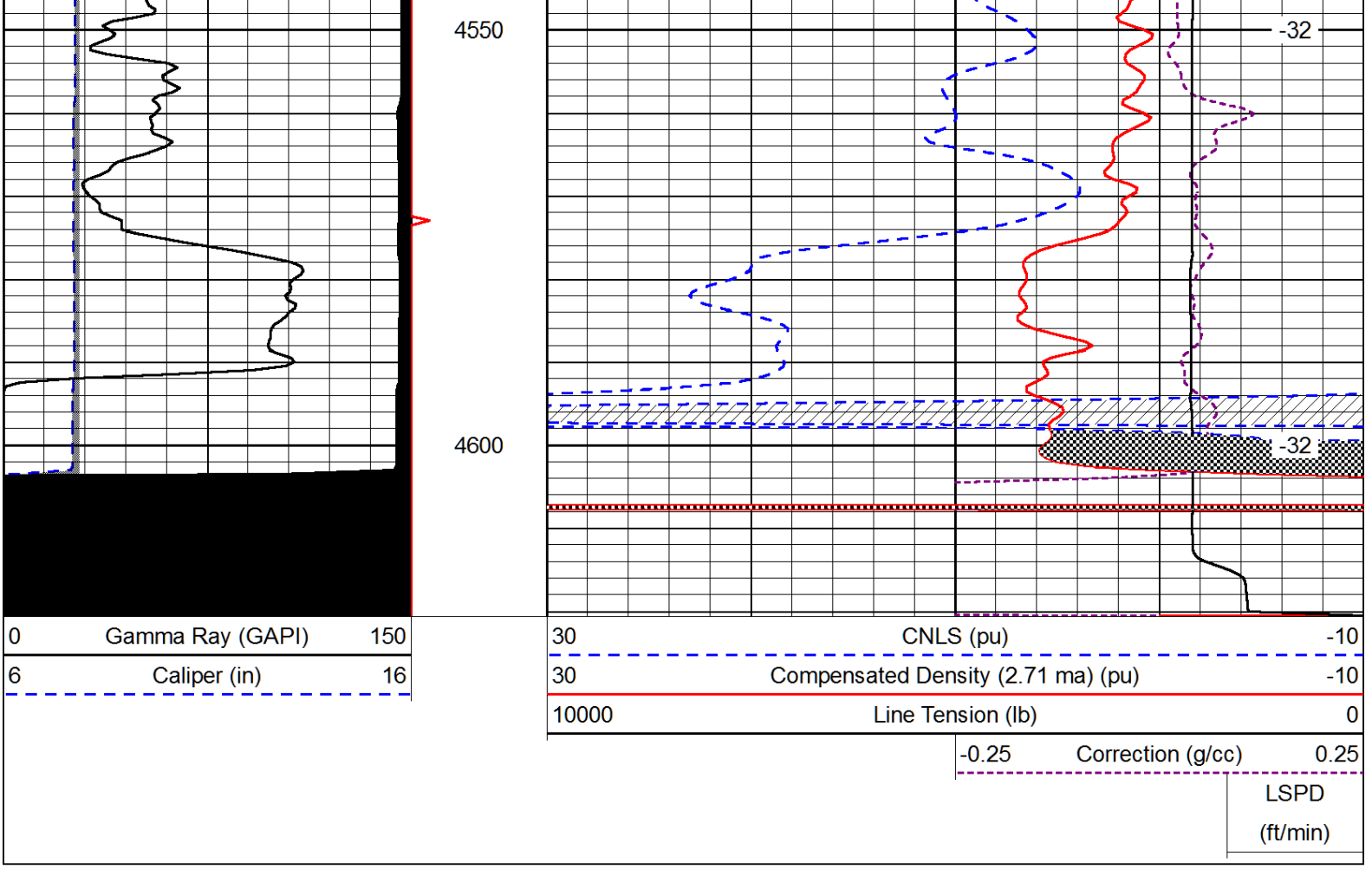

3450
3500
3550
3600
3650
-32
-33
-32
-32
-32


3700
3750
3800
3850
-32
-32
-33
-32


3900
3950
4000
4050
4100
-33
-32
-33
-32
-32


4150
4200
4250
4300
-32
-32
-31
-32


4350
4400
4450
4500
-32
-32
-32
-31



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

30	CNLS (pu)	-10
30	Compensated Density (2.71 ma) (pu)	-10
10000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25
	LSPD (ft/min)	