



Pioneer Energy Services

Dual Compensated Porosity Log

15-083-21,900-00-00

Company Becker Oil Corporation
Well Winter Land and Cattle No. 1
Field Saw Log Creek
County Hodgeman **State** Kansas
Location SW-SE-SE-SE
 83' FSL & 558' FEL
Sec: 36 **Twp:** 23S **Rge:** 22W
Other Services DILMEL
Elevation 2303
Permament Datum Ground Level
Log Measured From Kelly Bushing **10 Ft. Above Perm. Datum**
Drilling Measured From Kelly Bushing
Date 12/20/13
K.B. 2313
D.F.
G.L. 2303

Run Number	One
Type Log	CNL / CDL
Depth Driller	4570
Depth Logger	4567
Bottom Logged Interval	4546
Top Logged Interval	3800
Type Fluid In Hole	Chemical
Salinity, PPM CL	4,500
Density	9.0
Level	Full
Max. Rec. Temp. F	122
Operating Rig Time	4 Hours
Equipment -- Location	15 Hays
Recorded By	J. Henrickson
Witnessed By	Clyde Becker

Borehole Record		Casing Record				
Run No.	Bit From	To	Size	Wgt. 23#	From	To
One	12.25	00	255	8.625	00	255
Two	7.875	255	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.

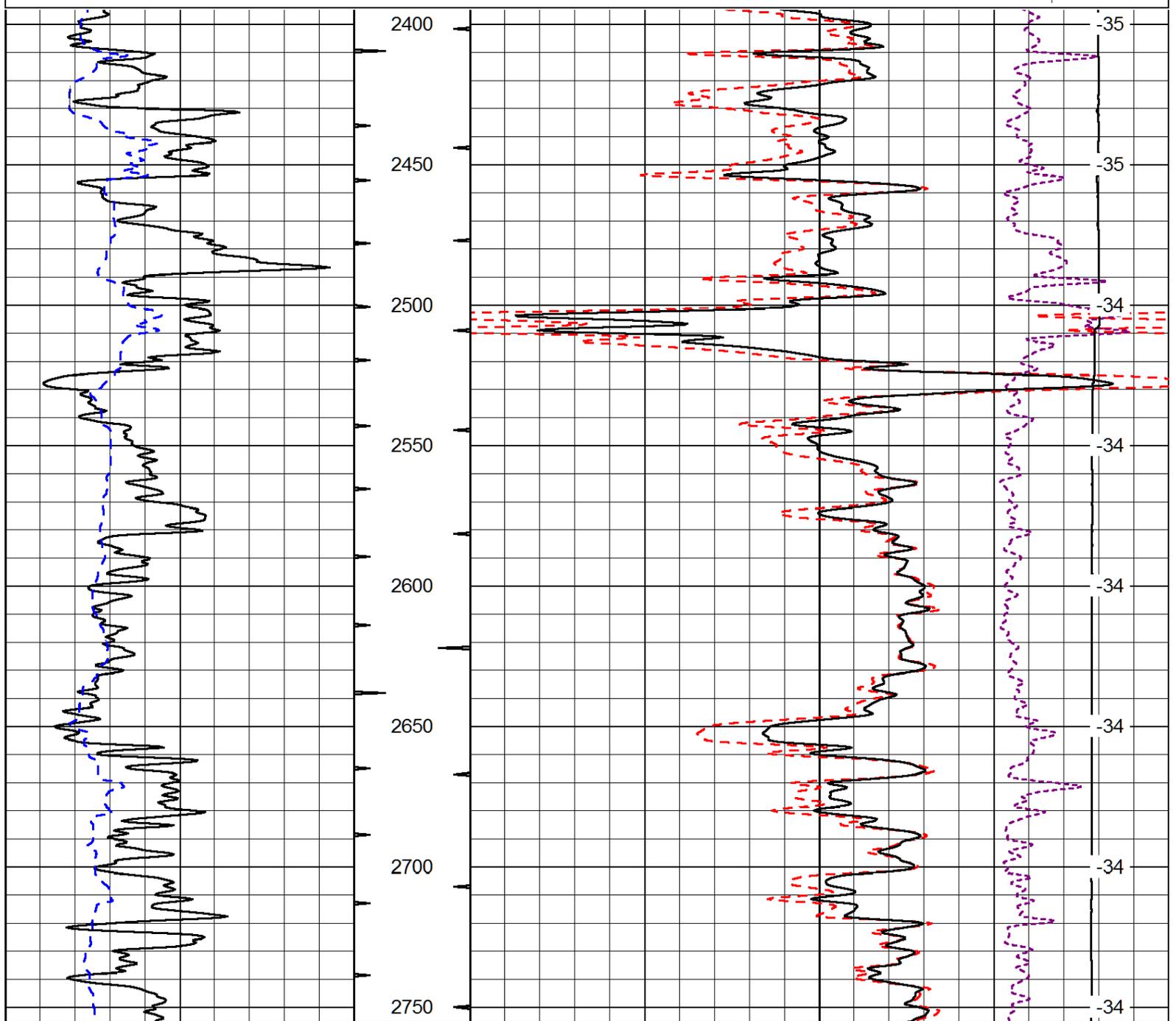
Comments

Thank you for using Log-Tech, Inc.
 (785) 625-3858
 Burdett Kansas
 West on 156 HWY to 232 Rd, 1 South, 1 West, 1 South 1, East, South to H Rd,
 2 West, South Into

Database File: becker_winter_land_cattle_1hd.db
 Dataset Pathname: DIL/beckstk
 Presentation Format: cdl
 Dataset Creation: Fri Dec 20 09:31:36 2013
 Charted by: Depth in Feet scaled 1:600

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)

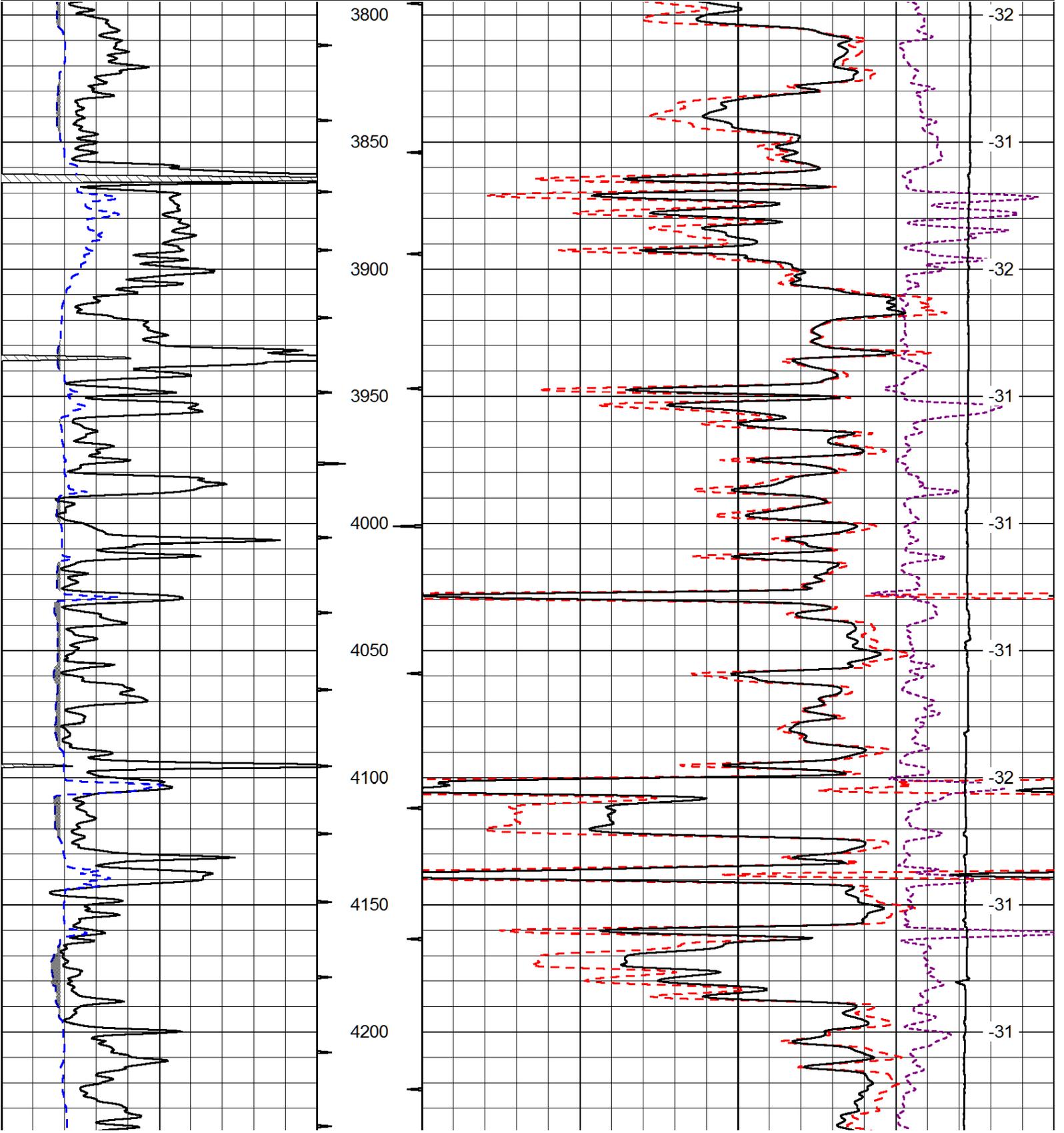


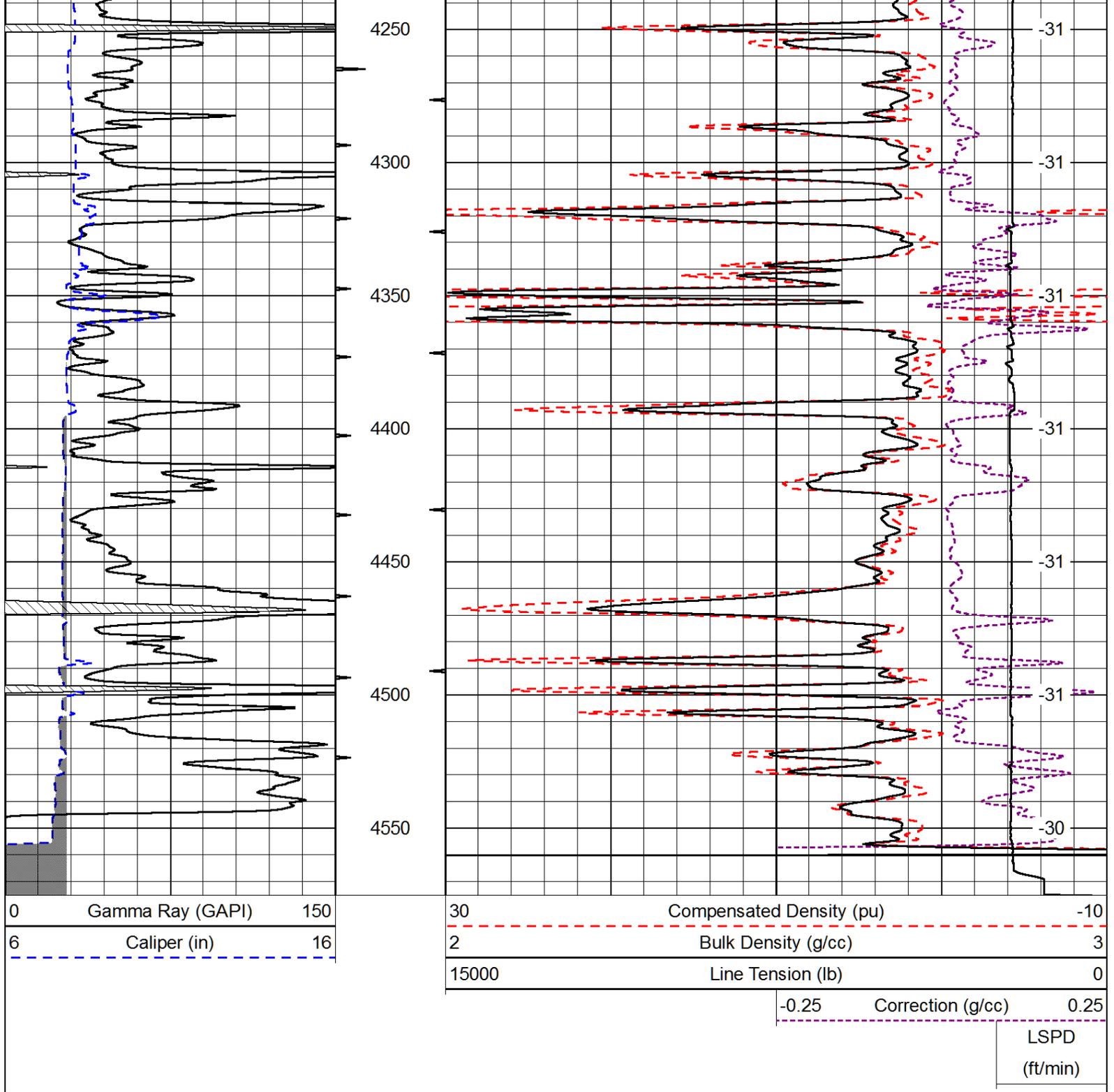
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6	Caliper (in)	16

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)

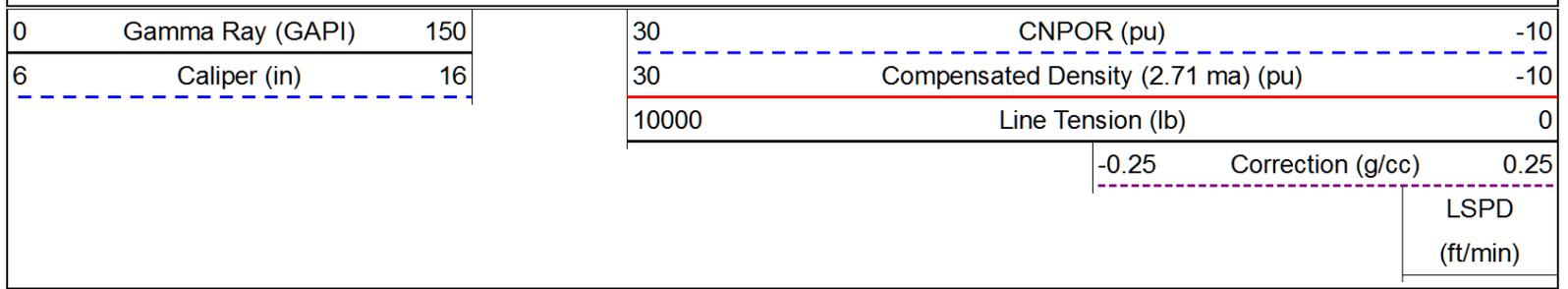
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6	Caliper (in)	16

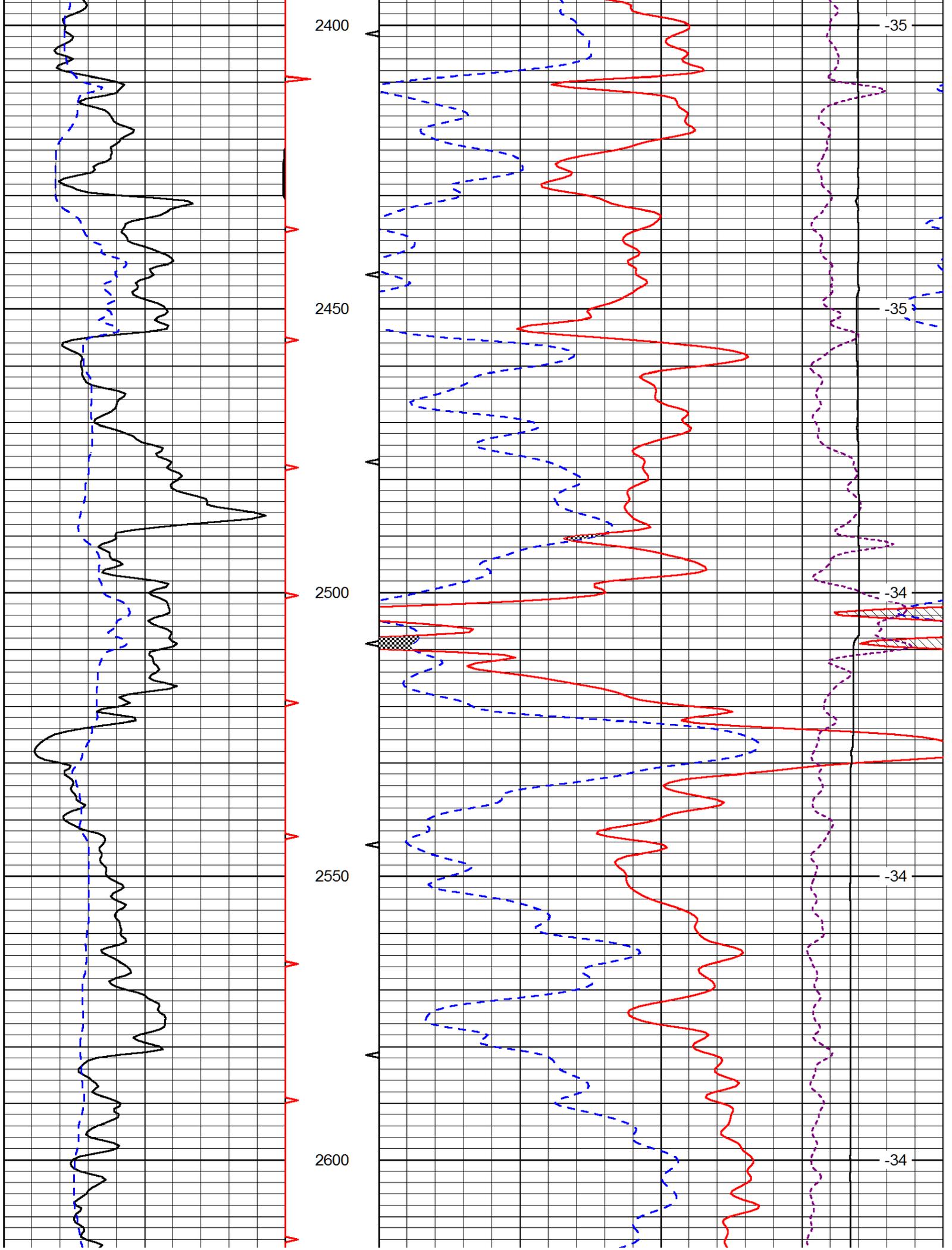
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2	Bulk Density (g/cc)	3
15000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25
	LSPD (ft/min)	

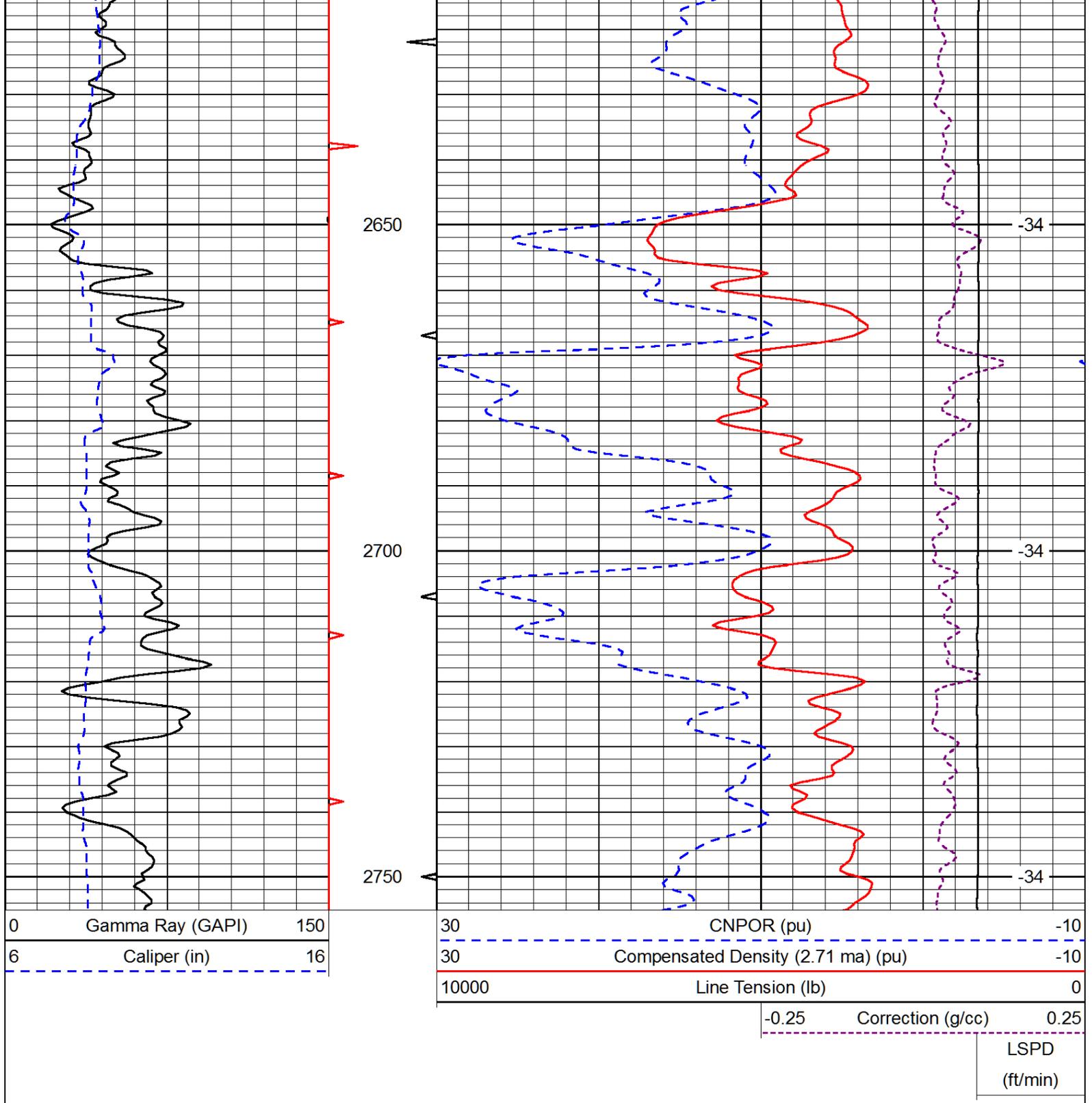




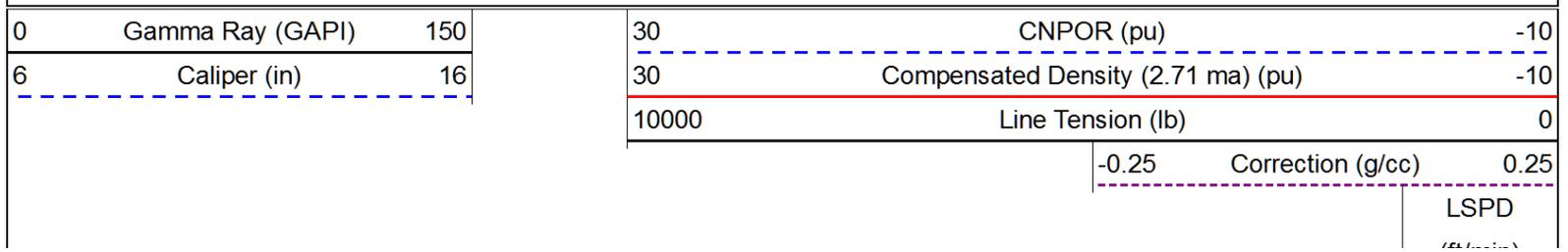
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 Presentation Format: cndlspec
 Dataset Creation: Fri Dec 20 09:31:36 2013
 Charted by: Depth in Feet scaled 1:240

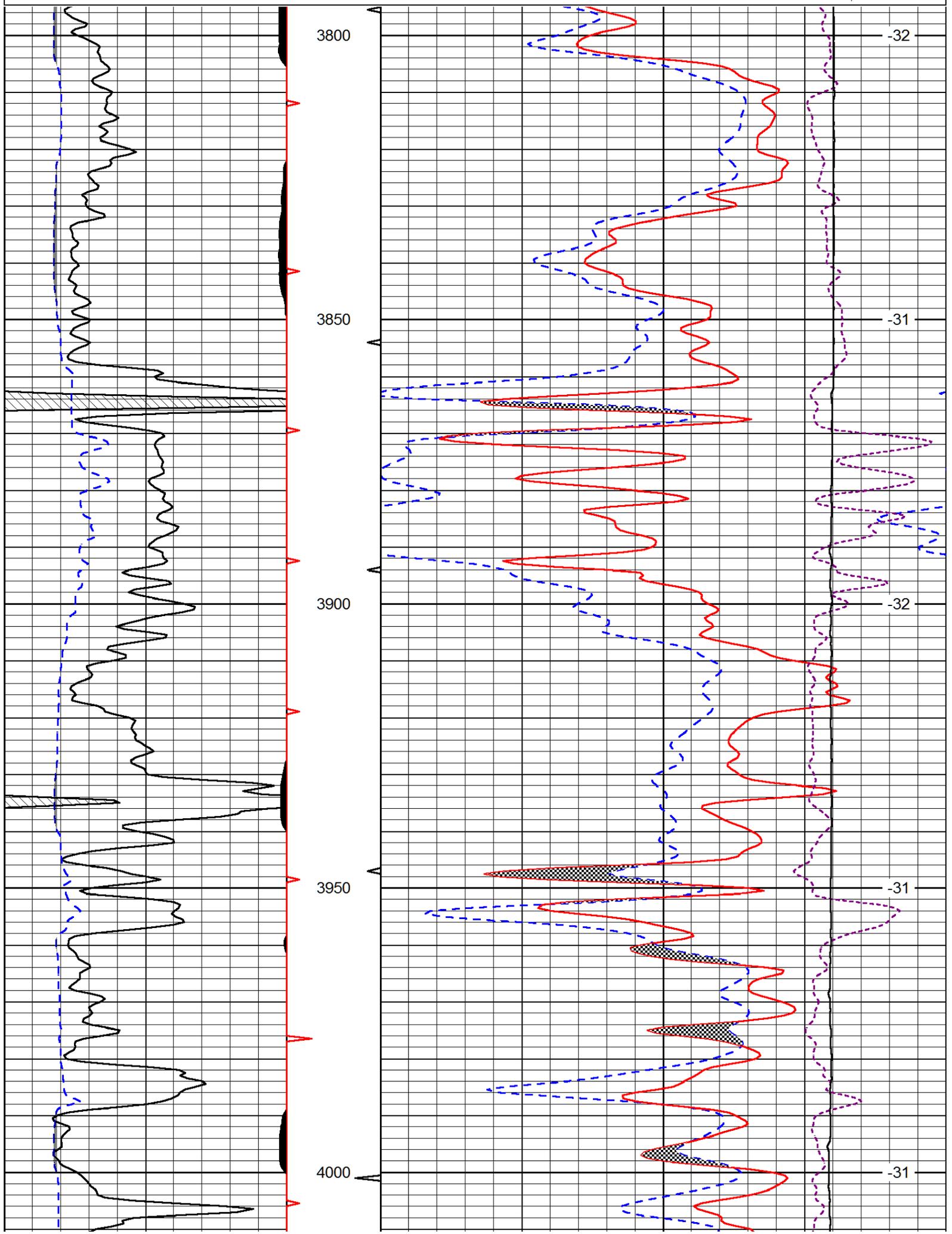


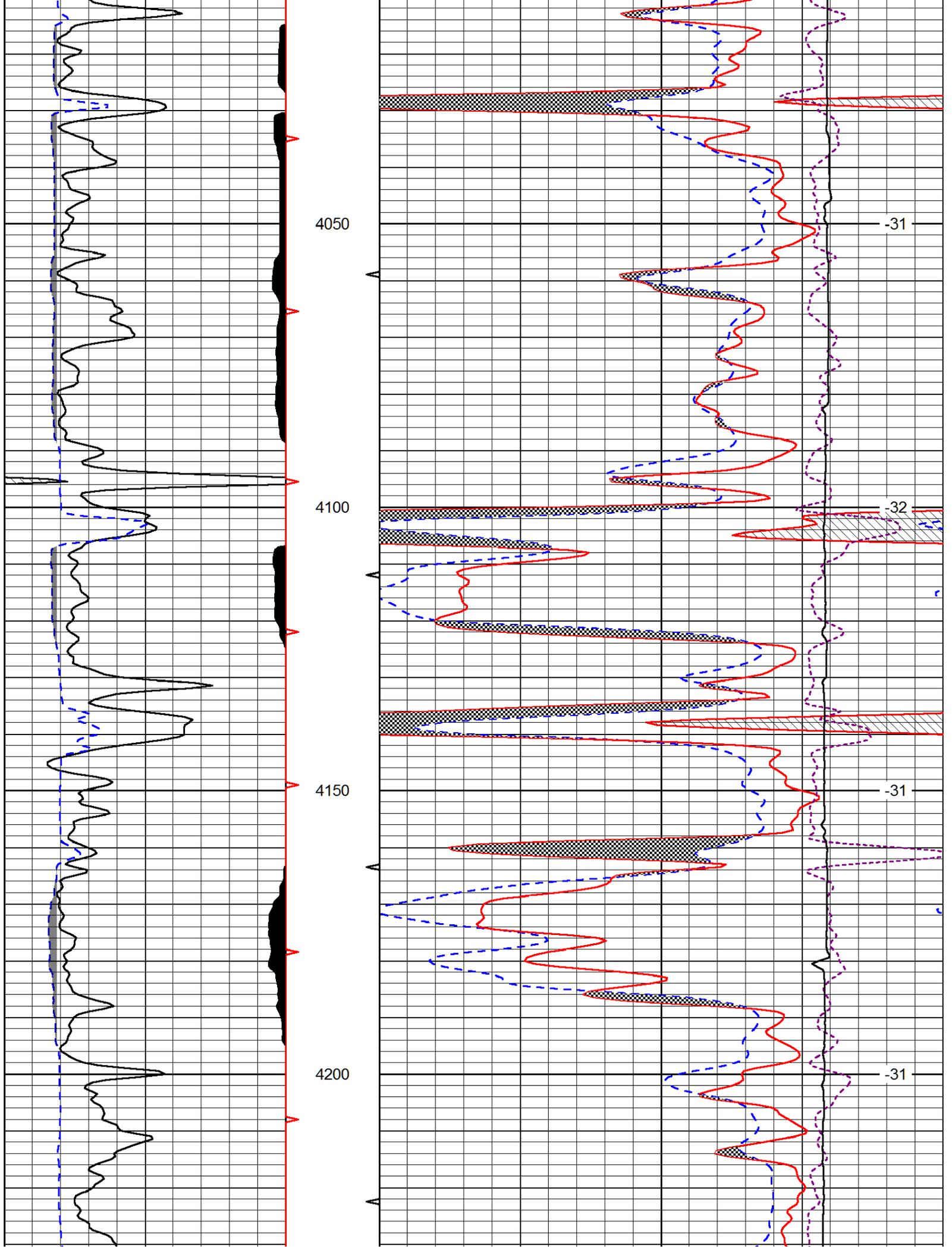


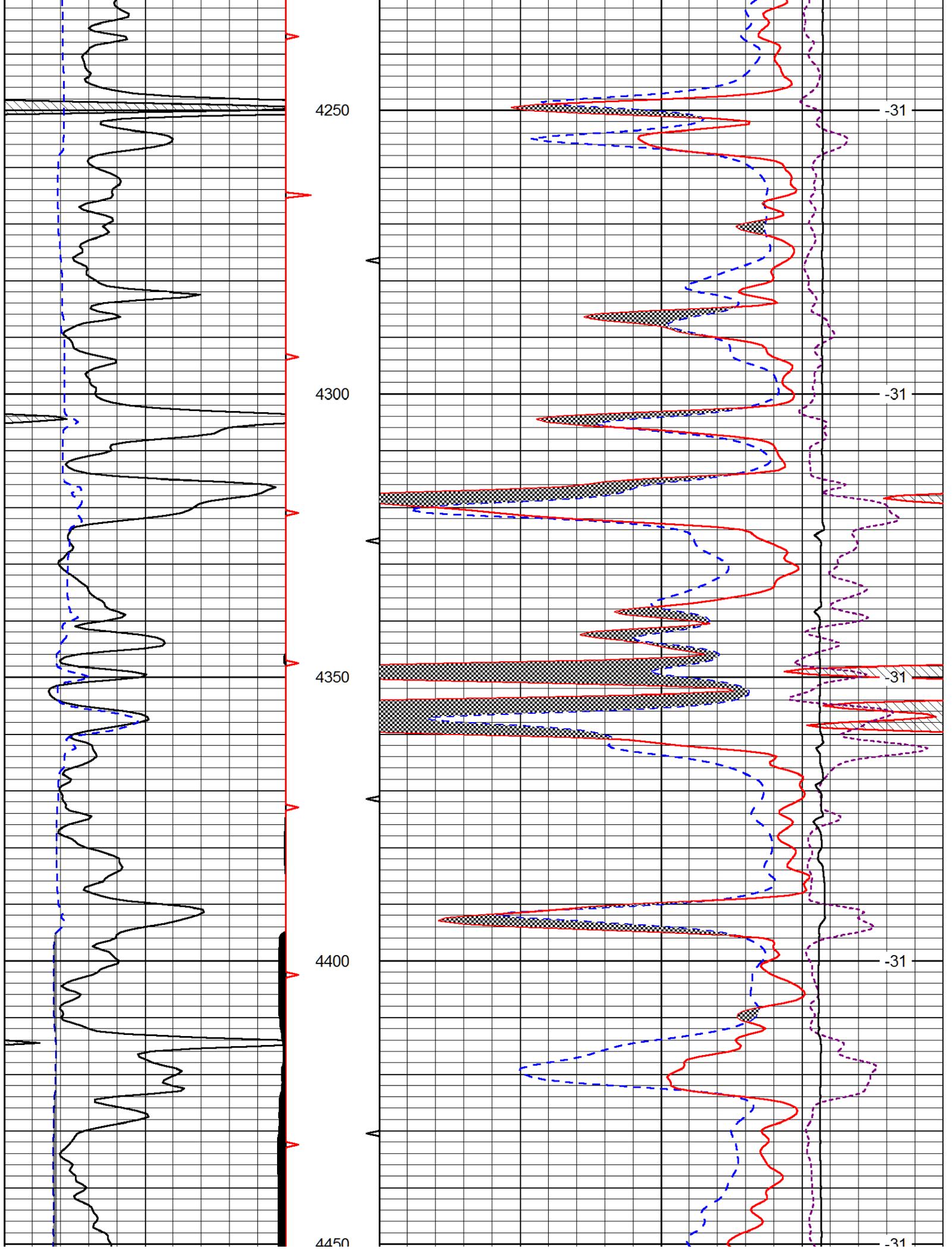


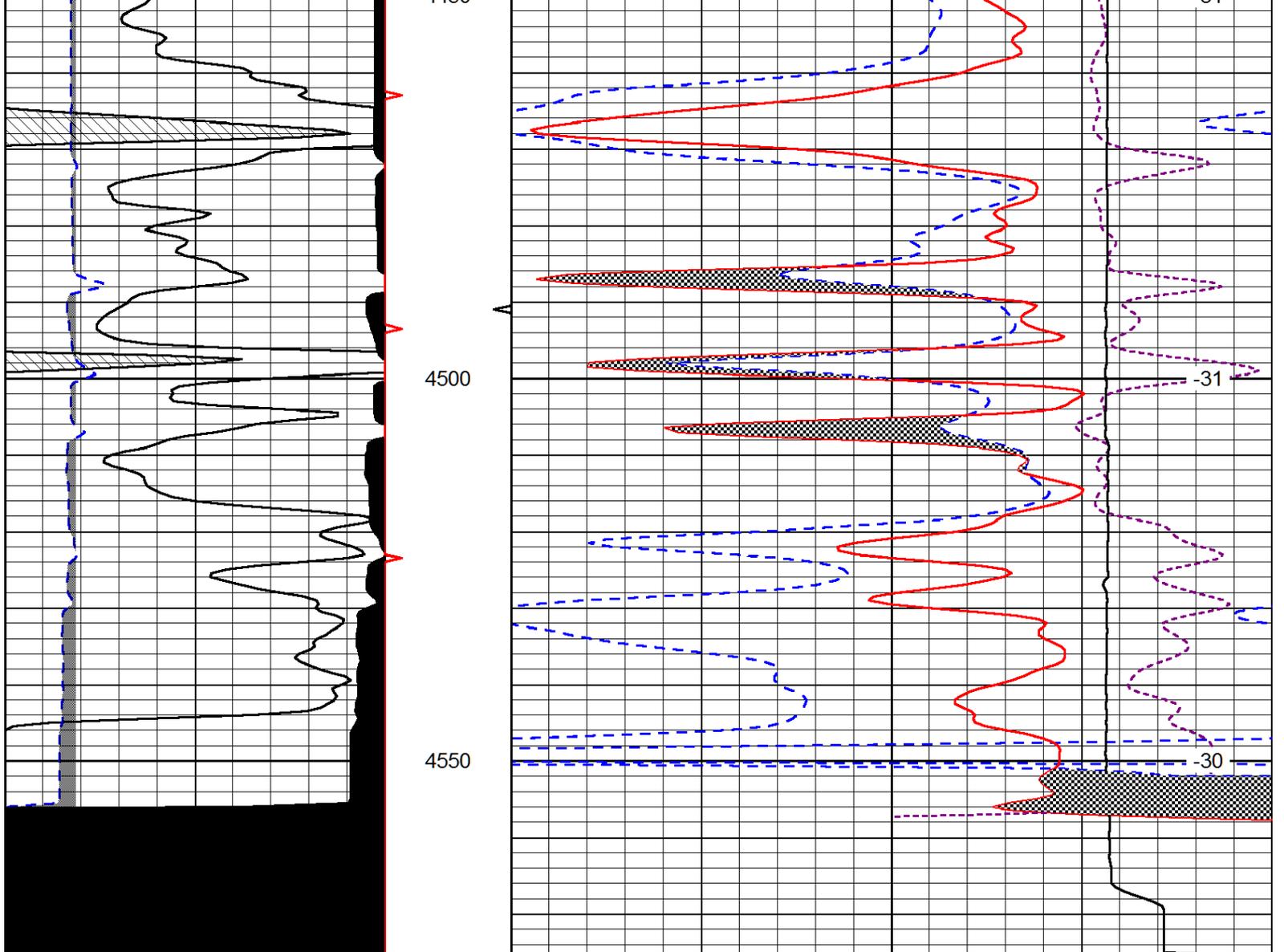
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0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	CNPOR (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)