



Pioneer Energy Services

Dual Compensated Porosity Log

Company Murfin Drilling Company, Inc.
Well Kacirek Trust #1-5
Field Wildcat
County Rawlins **State** Kansas
Location 2170' FNL & 330' FWL
 Sec: 5 Twp: 2S Rge: 36W
 Other Services: DIL, MEI/BHCS

API No. 15-153-20974-00-00
 Permanent Datum Ground Level Elevation 3247
 Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing
 Date 1/18/2014
 Elevation K.B. 3252
 D.F. 3247
 G.L. 3247

Run Number	One
Type Log	CNL / CDL
Depth Driller	4945
Depth Logger	4935
Bottom Logged Interval	4914
Top Logged Interval	3550
Type Fluid In Hole	Chemical
Salinity, PPM CL	1000
Density	9.3
Level	Full
Max. Rec. Temp. F	127
Operating Rig Time	5 Hours
Equipment -- Location	91 Hays
Recorded By	D. Schmidt
Witnessed By	Charles Schmatz

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	254	8.625	23#	00	254
Two	7.875	254	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

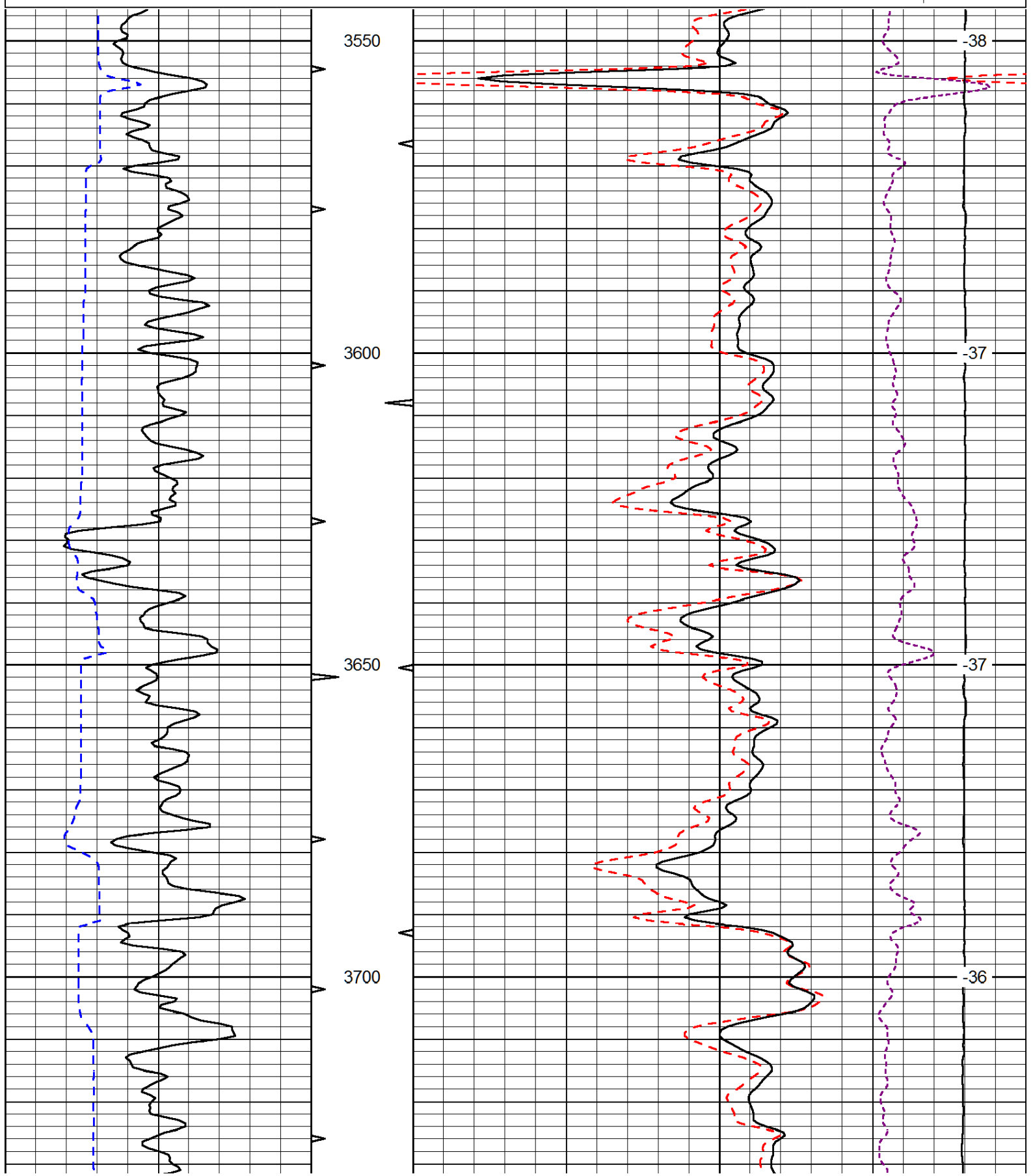
Thank you for using Log-Tech, Inc.
 (785) 625-3858

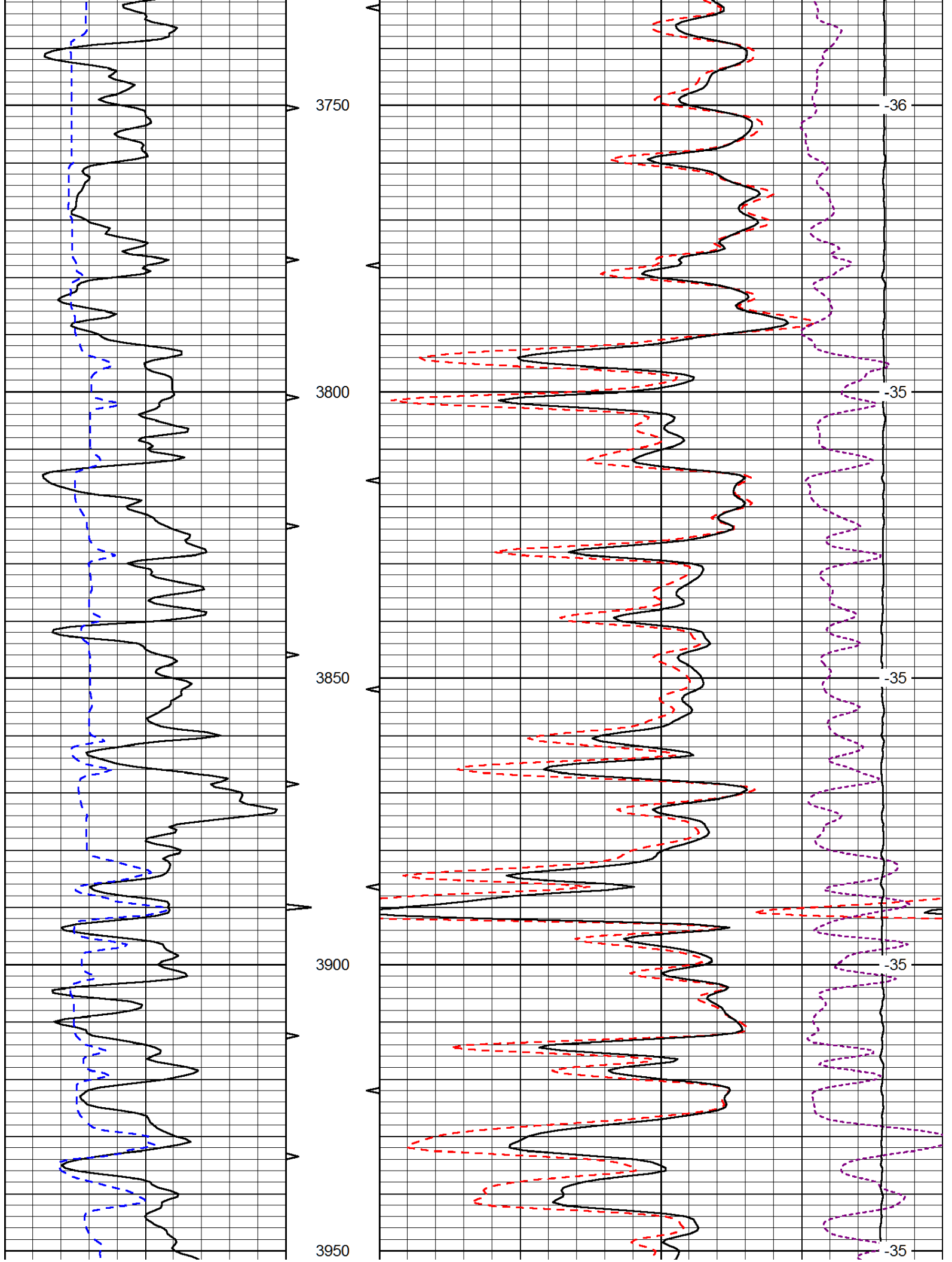
 McDonald,
 8 1/4 North, 1/2 West, 1/4 North,
 West & North to location

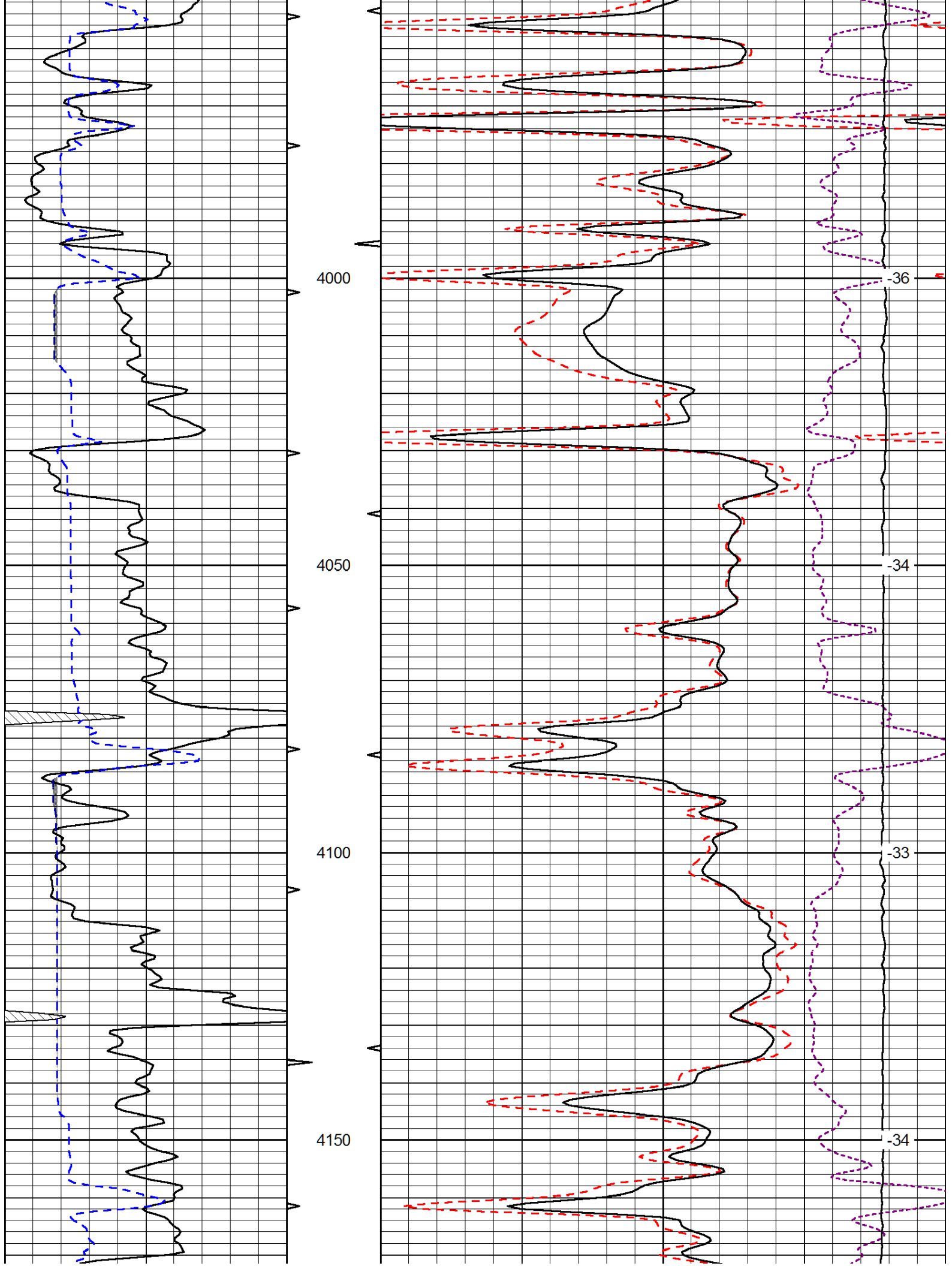
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 Dataset Pathname: dil/mrfstck
 Presentation Format: cdl
 Dataset Creation: Sat Jan 18 18:20:11 2014
 Charted by: Depth in Feet scaled 1:240

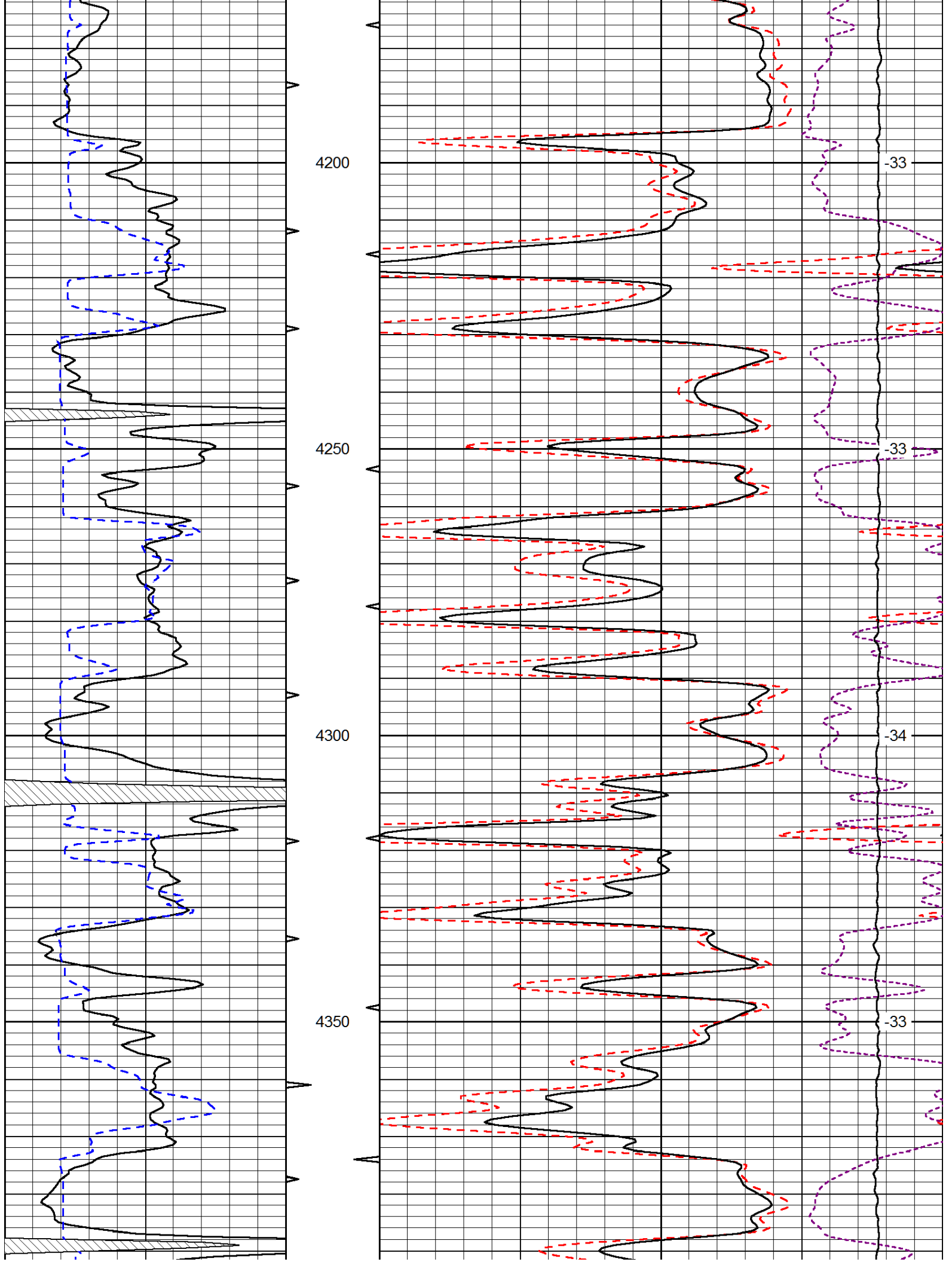
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

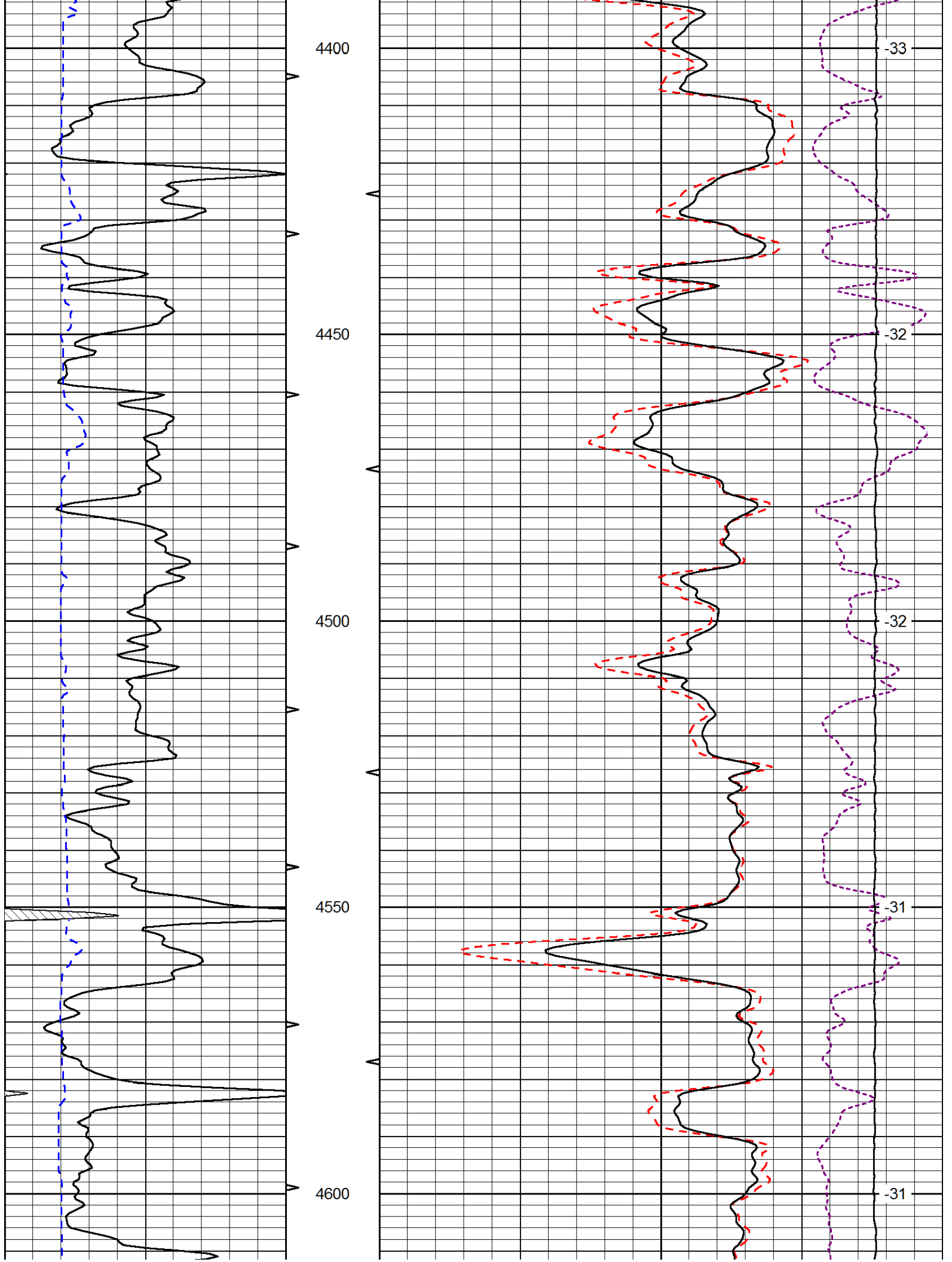
30	Compensated Density (pu)	-10
2	Bulk Density (g/cc)	3
15000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25
		LSPD (ft/min)

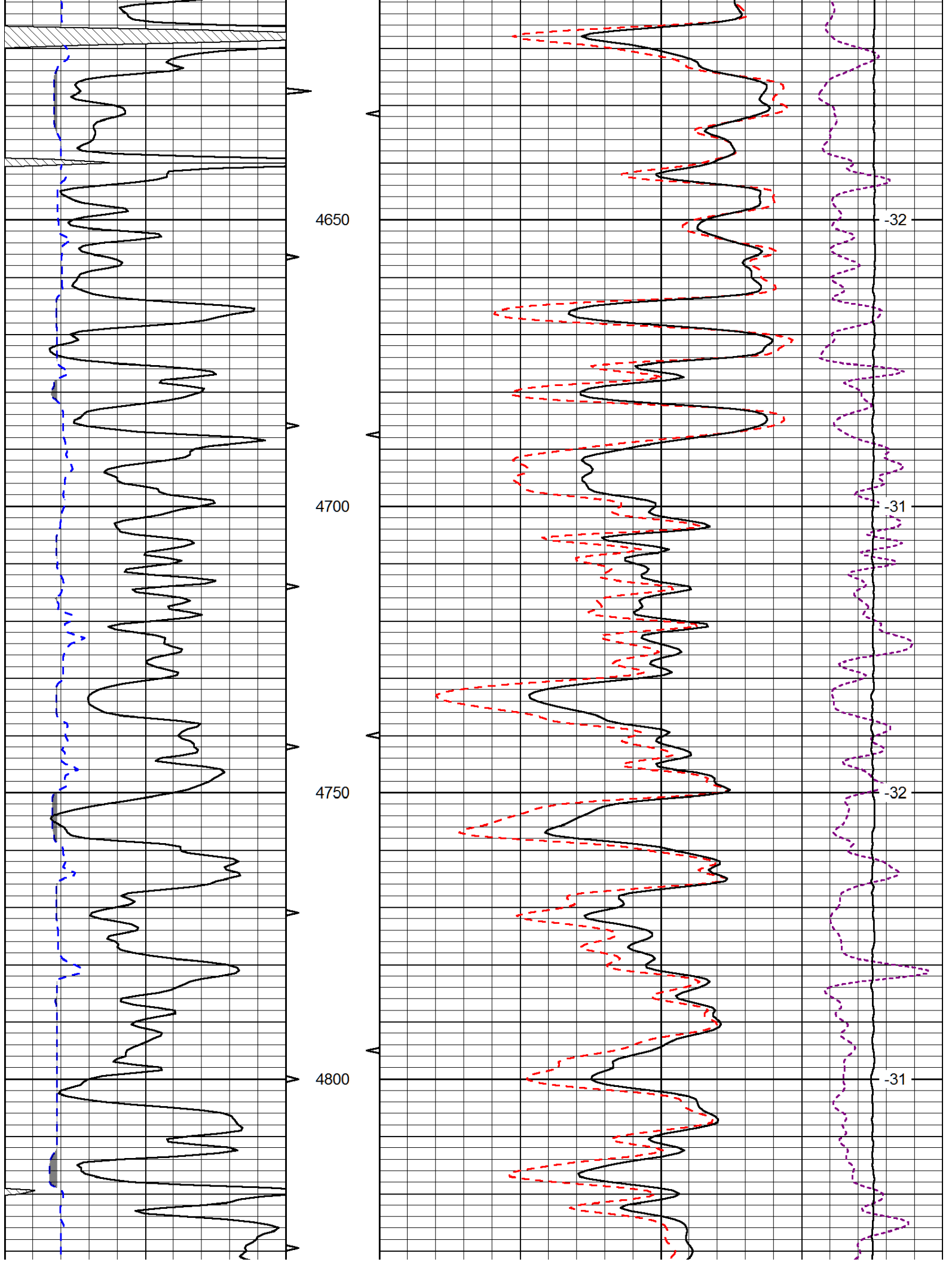


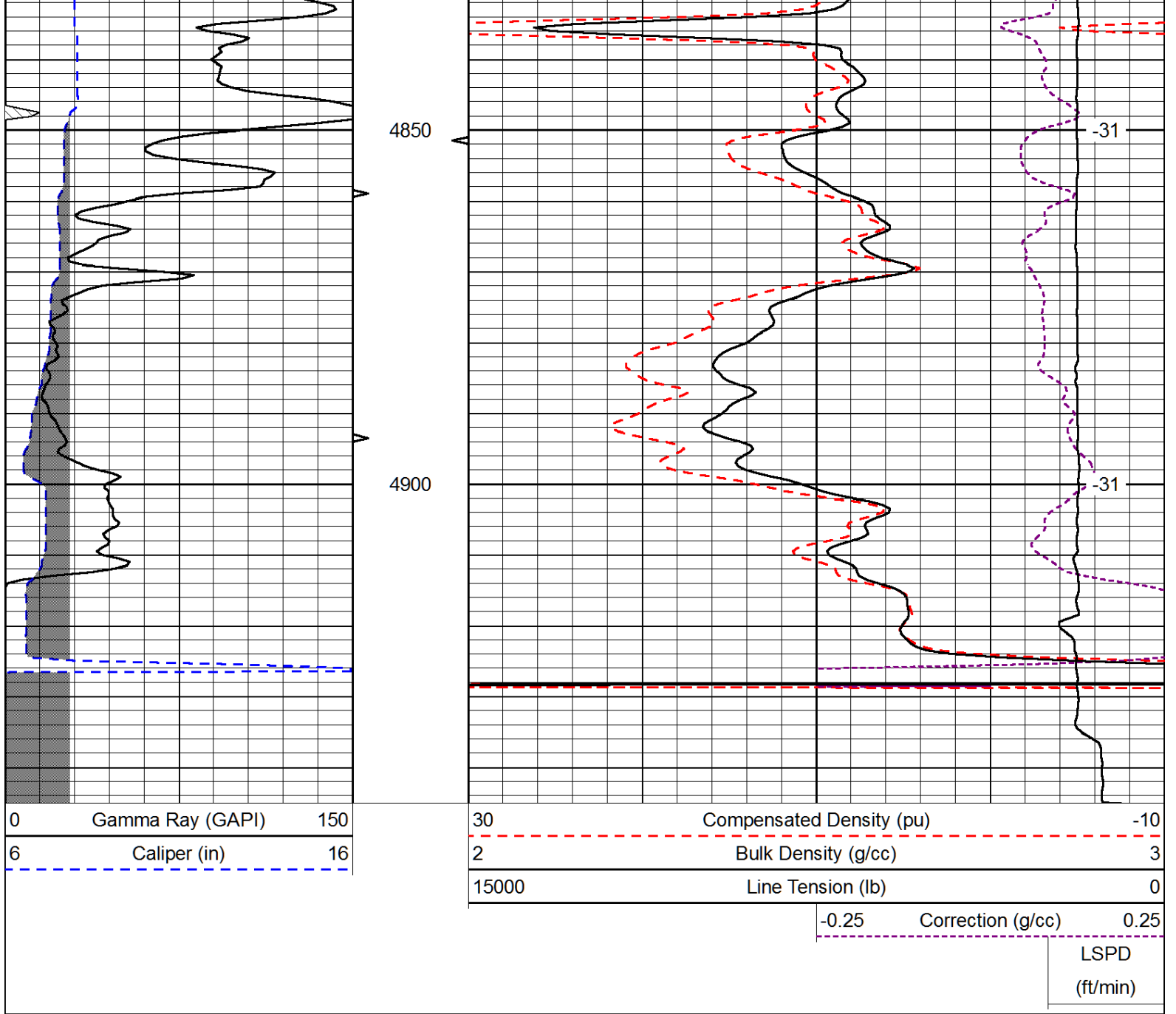












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