



API No.

15-193-20,839-00-00

Company Murfin Drilling Co., Inc.

Well Frahm "B" #1-21

Field Wildcat

County Thomas

State Kansas

Location 2309' FSL / 335' FWL

Sec: 21

Twp: 10 S

Rge: 34 W

Other Services
DIL
MEL/BHCS

Permanent Datum Ground Level Elevation 3236

Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum

K.B. 3247
D.F.
G.L. 3236

Date 4/29/2012

Run Number One

Type Log CNL / CDL

Depth Driller 4900

Depth Logger 4908

Bottom Logged Interval 4887

Top Logged Interval 3800

Type Fluid In Hole Chemical

Salinity, PPM CL 10,500

Density 9.1

Level Full

Max. Rec. Temp. F 125

Operating Rig Time 5 Hours

Equipment -- Location 15 Hays

Recorded By R. Barnhart

Witnessed By Charlie Sturdavant

Borehole Record

Casing Record

Run No Bit From To Size Wgt. From To

One 12.25 00 269 8.625 23# 00 269

Two 7.875 269 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

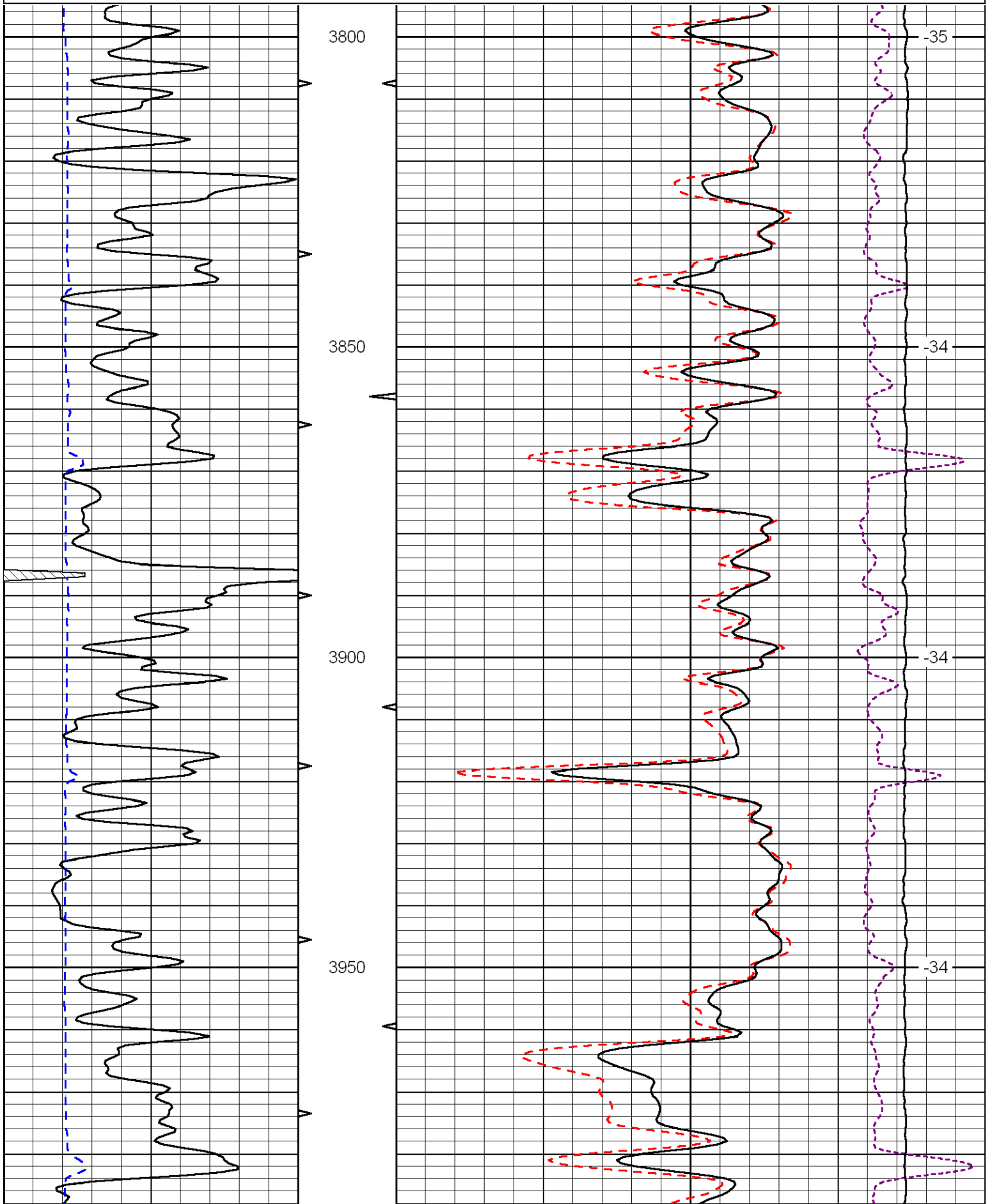
Thank you for using Log-Tech, Inc.
(785) 625-3858

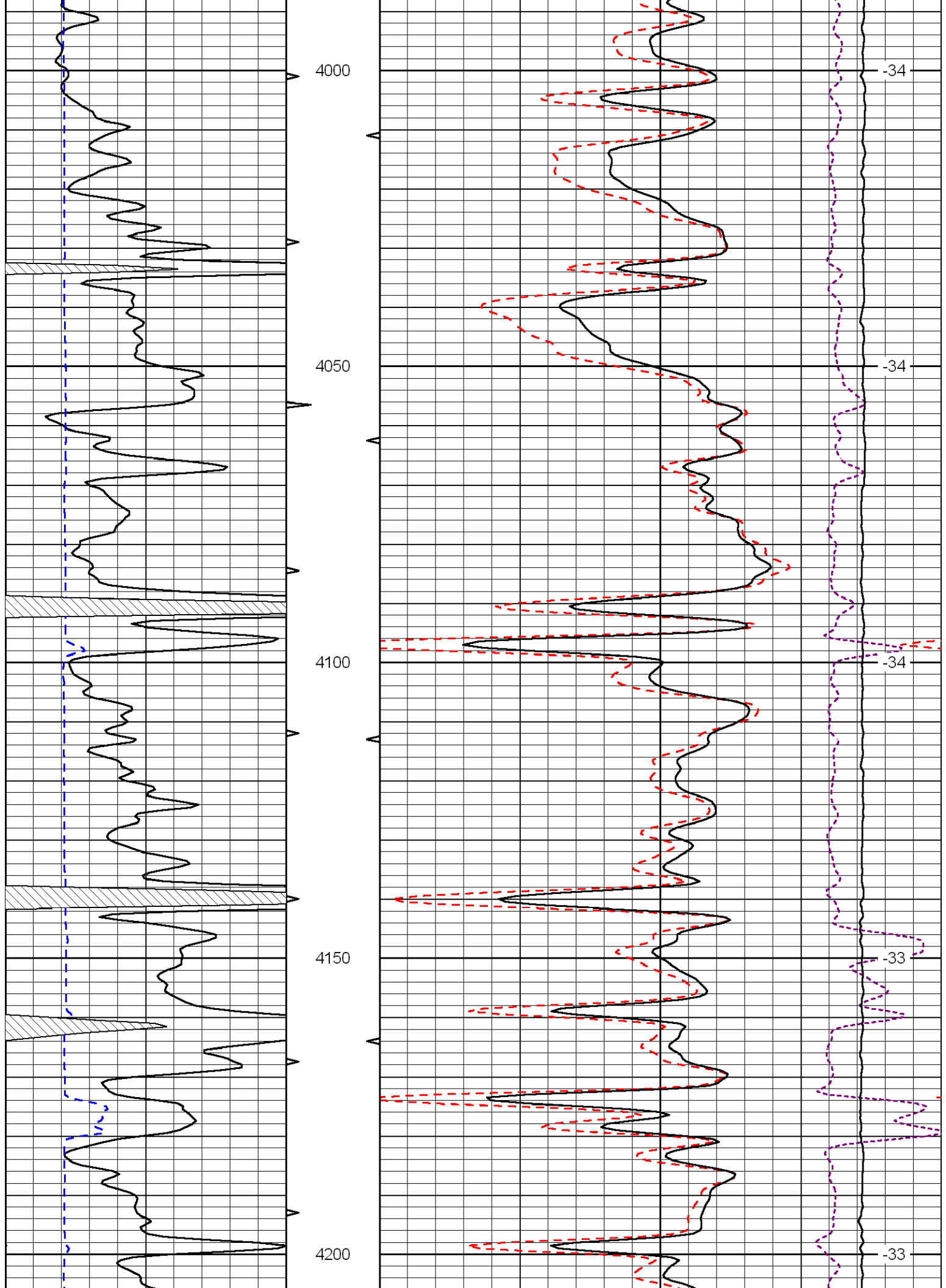
Monument, KS:
N on Hwy 25 to Rd. D,
4W, 1/2S, E into

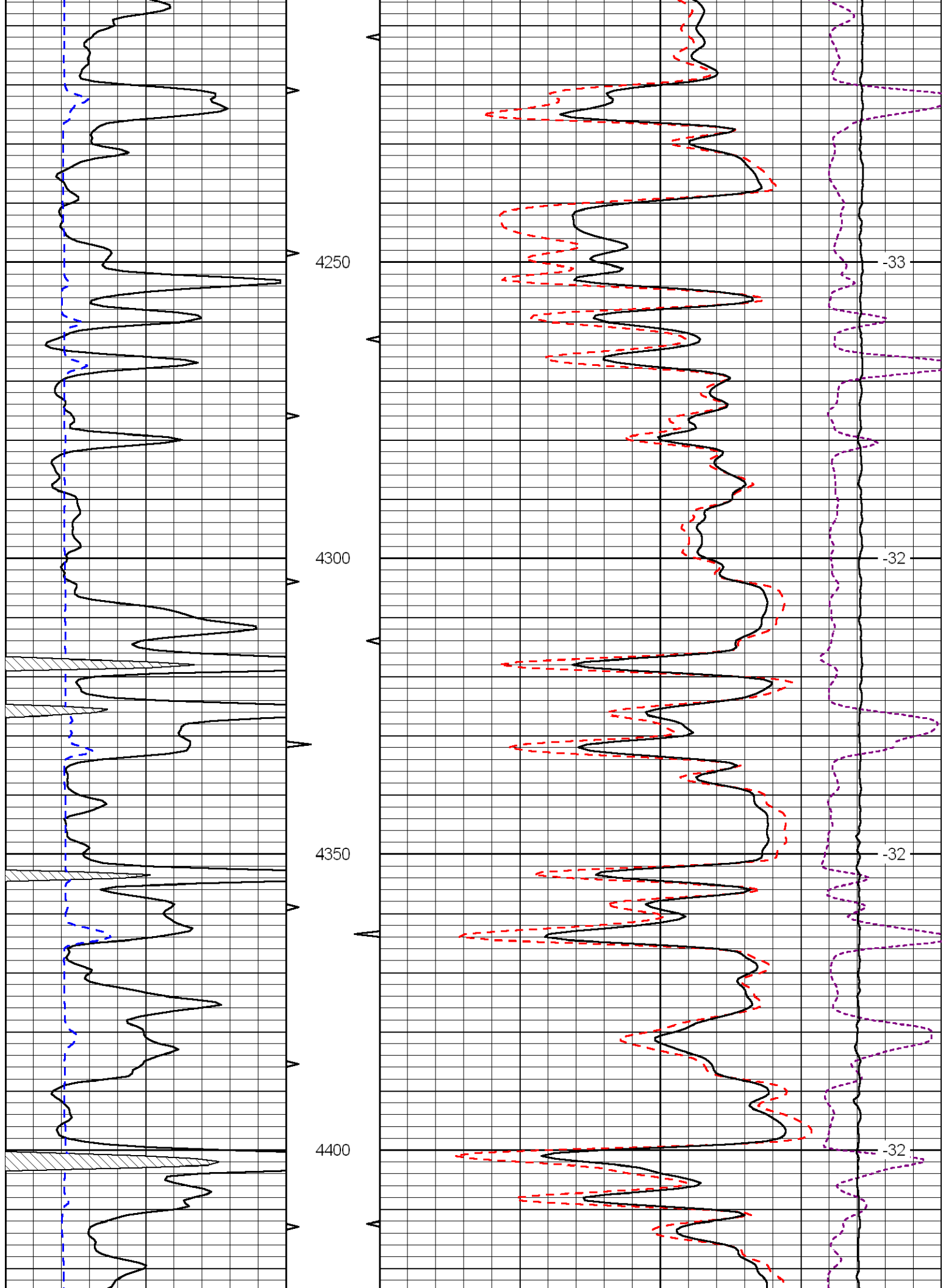
Database File: murfinhd.db
Dataset Pathname: dil/murmain
Presentation Format: cdl
Dataset Creation: Sun Apr 29 10:21:27 2012
Charted by: Depth in Feet scaled 1:240

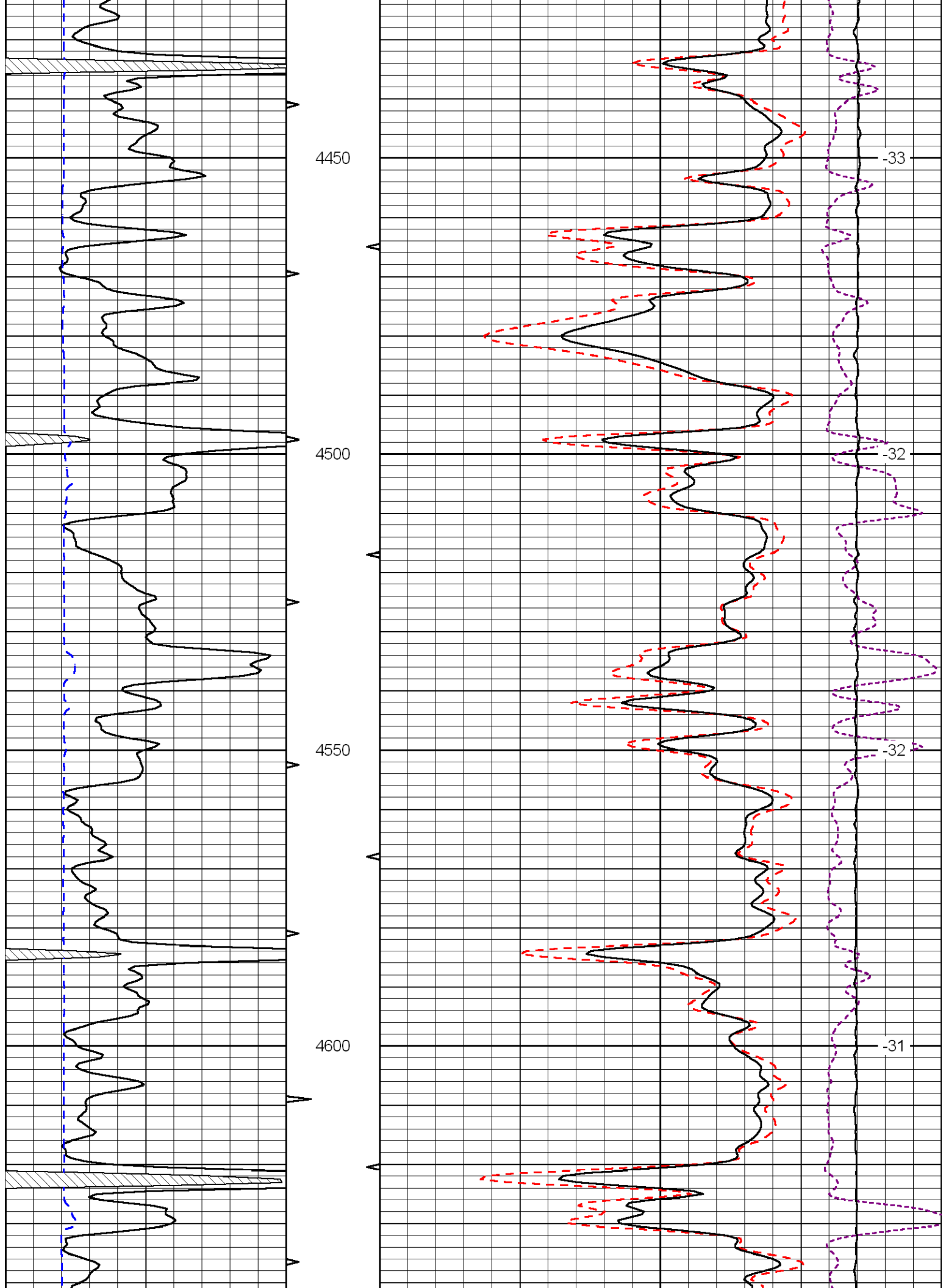
0	Gamma Ray	150
6	Caliper (GAPI)	16

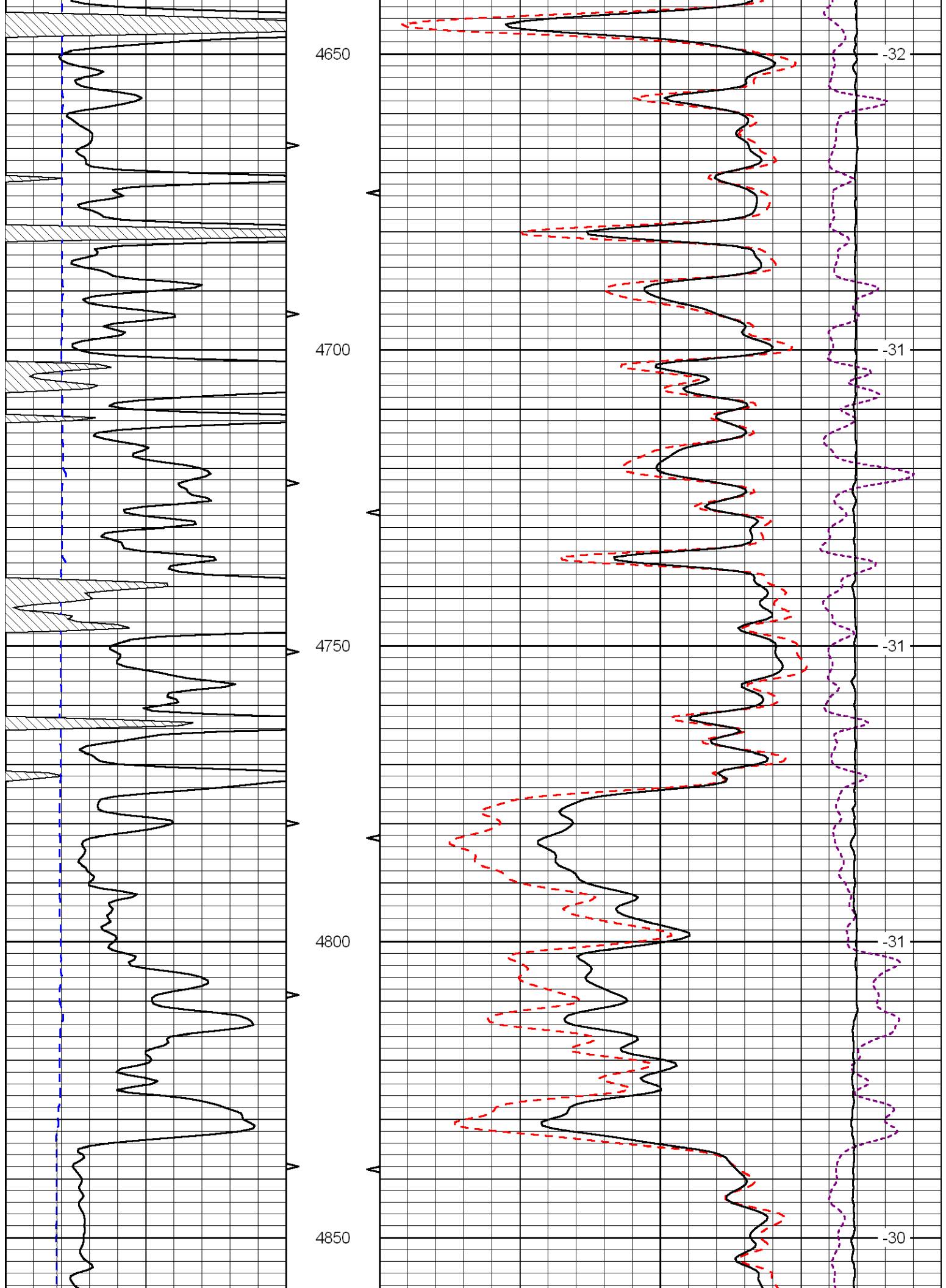
30	Compensated Density	-10
2	Bulk Density	3
15000	Line Tension	0
-0.25	Correction	0.25
LSPD		

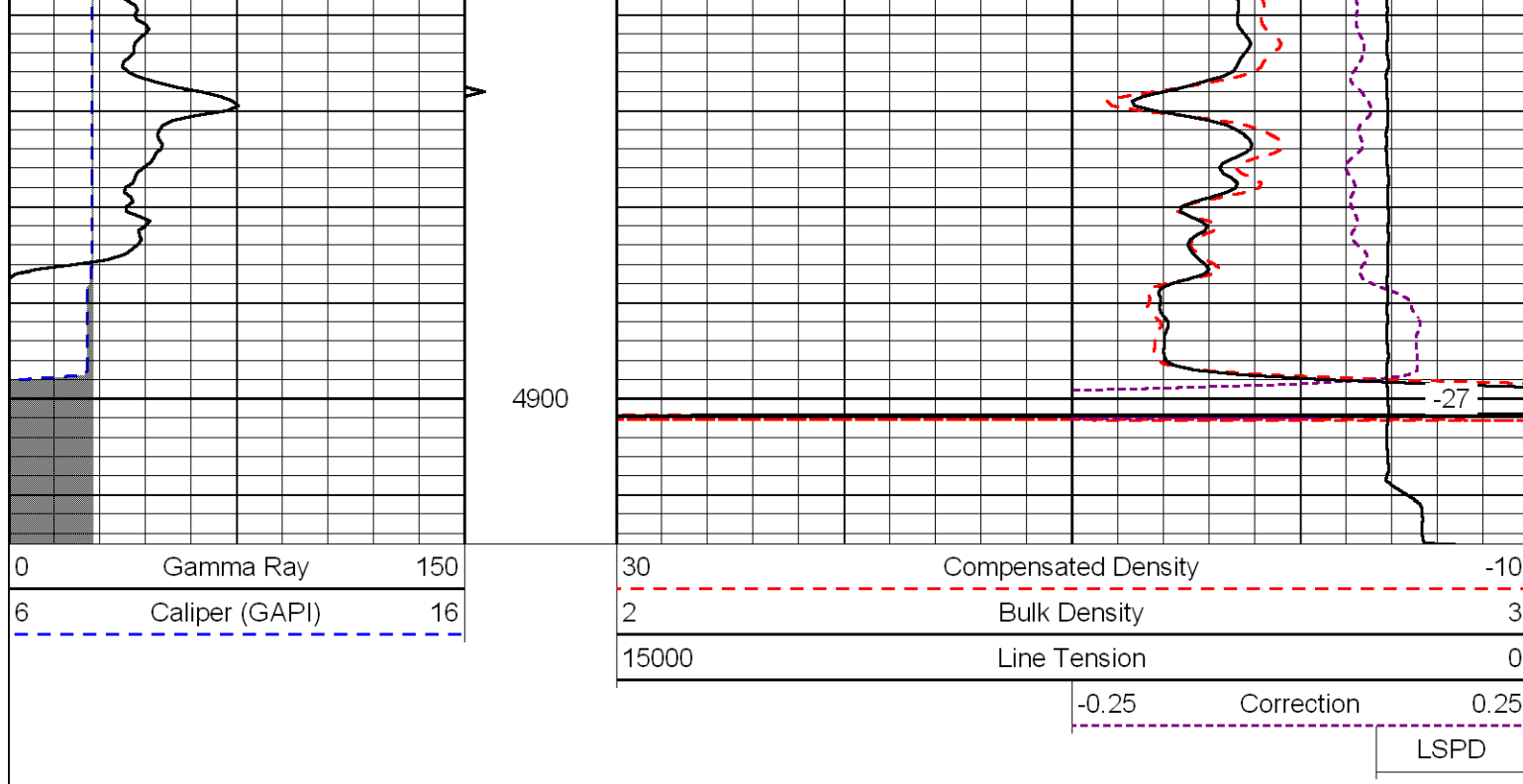












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