



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-153-21033-00-00

Company Murfin Drilling Company, Inc.

Well Dan # 1-9

Field Wildcat

County Rawlins

State Kansas

Location 330' FSL & 1650' FEL

Sec: 9

Twp: 1 S

Rge: 35 W

Other Services
DIL
MEL/BHCS

Permanent Datum Ground Level Elevation 3162

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

K.B. 3173
D.F.
G.L. 3162

Date 07-17-2014

Run Number One

Type Log CNL / CDL

Depth Driller 4472

Depth Logger 4478

Bottom Logged Interval 4457

Top Logged Interval 3500

Type Fluid In Hole Chemical

Salinity, PPM CL 600

Density 9.1

Level Full

Max. Rec. Temp. F 121

Operating Rig Time 5 Hours

Equipment -- Location 17 Hays

Recorded By Y. Ruiz

Witnessed By Robert Hendrix

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	263	8.625	23#	00	263
Two	7.875	263	TD				

<<< Fold Here >>>

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

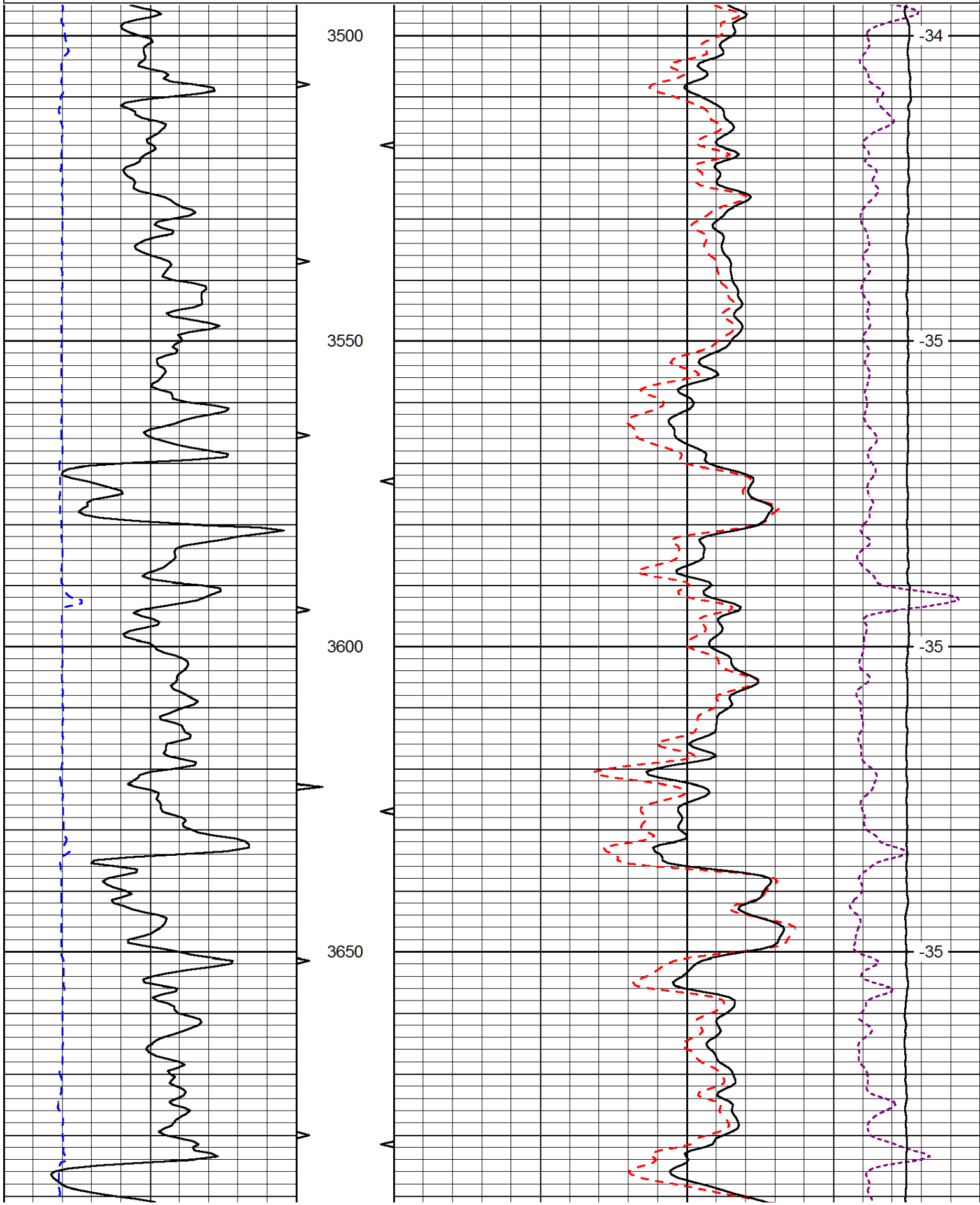
Thank you for using Log-Tech, Inc.
(785) 625-3858

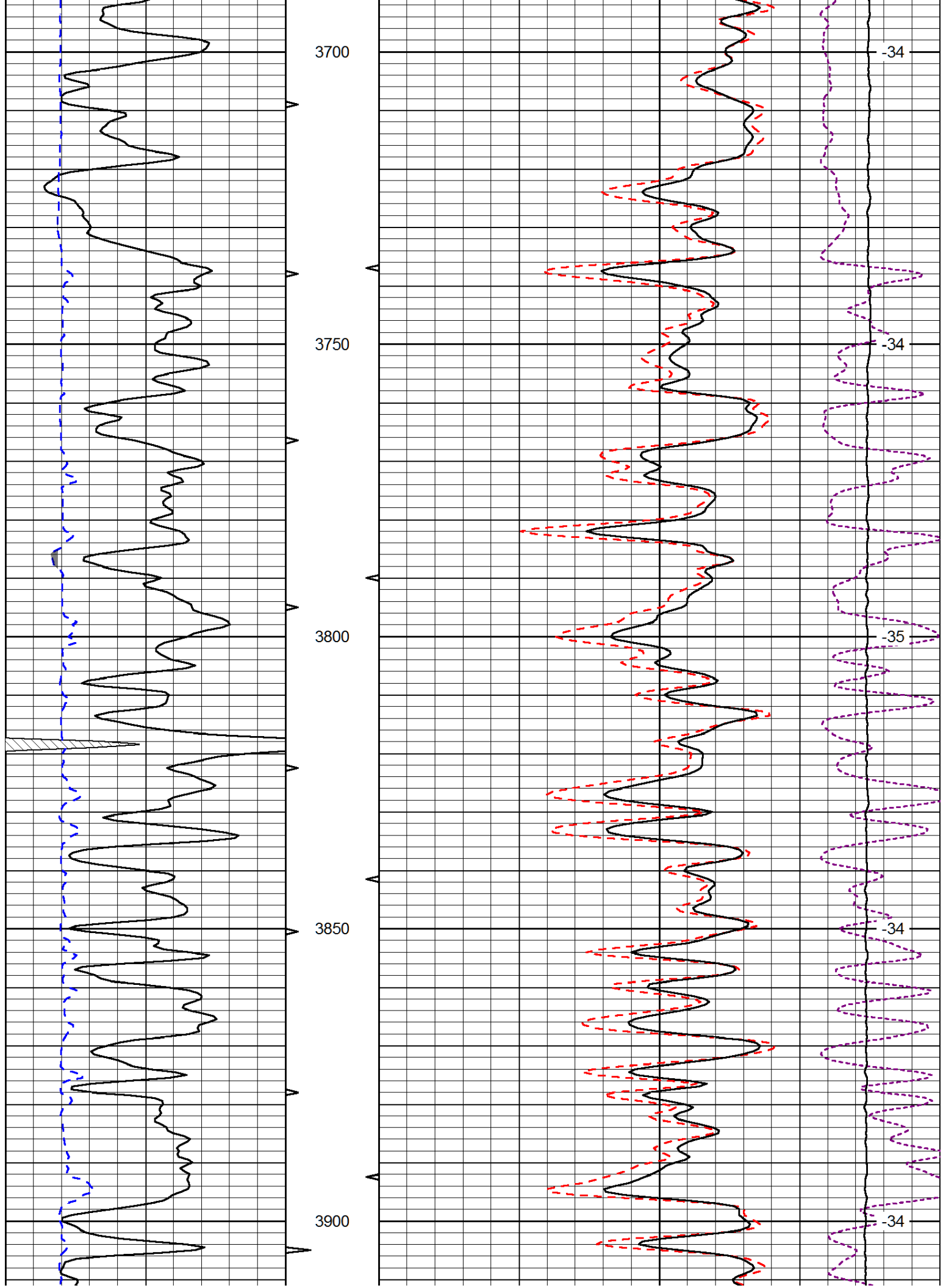
Beardsley,
North to CC rd, 1/4 West,
North into

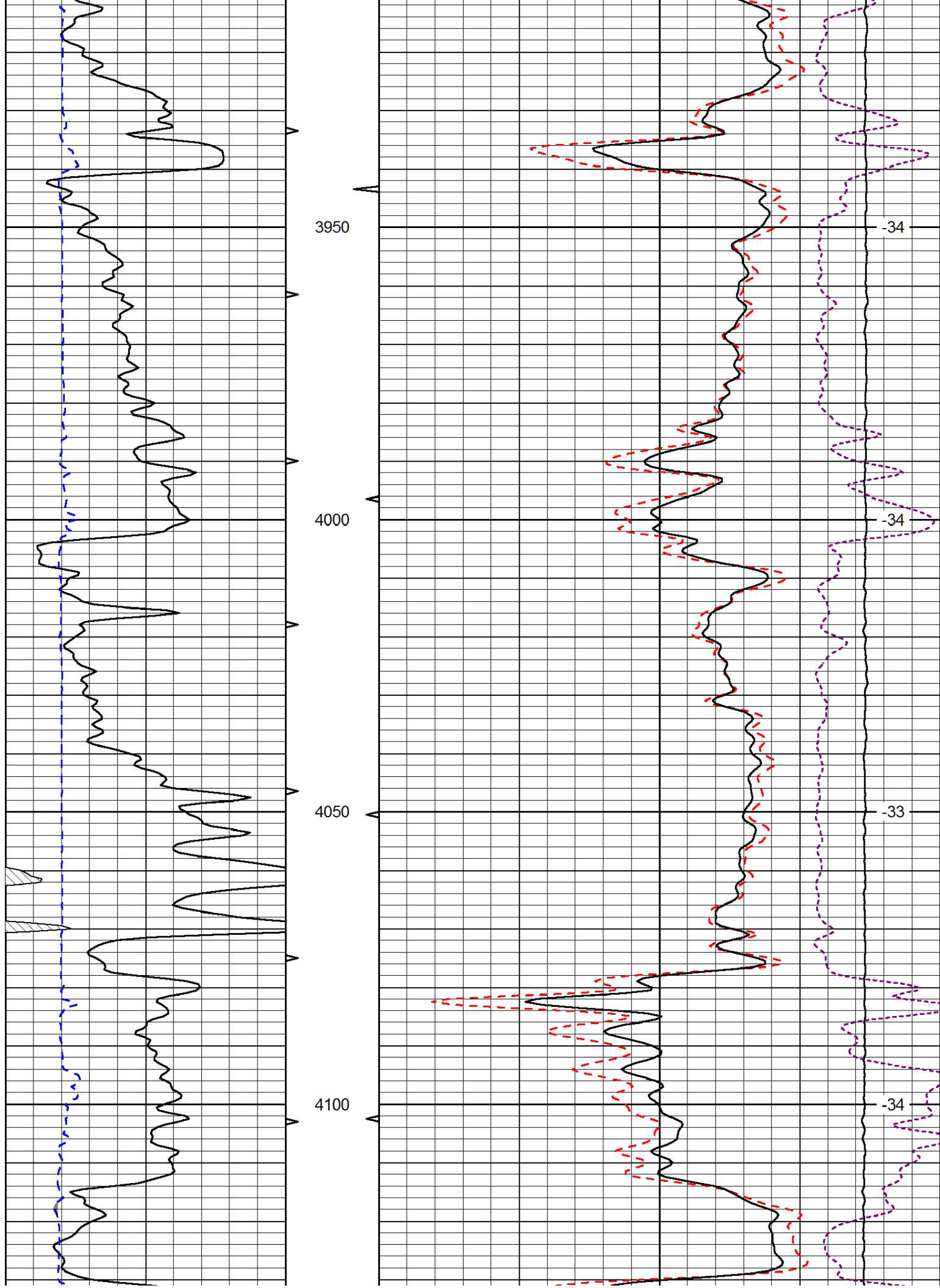
Database File: murfin_dan_1_9_hd.db
Dataset Pathname: DIL/murstk
Presentation Format: cdl
Dataset Creation: Thu Jul 17 22:37:11 2014
Charted by: Depth in Feet scaled 1:240

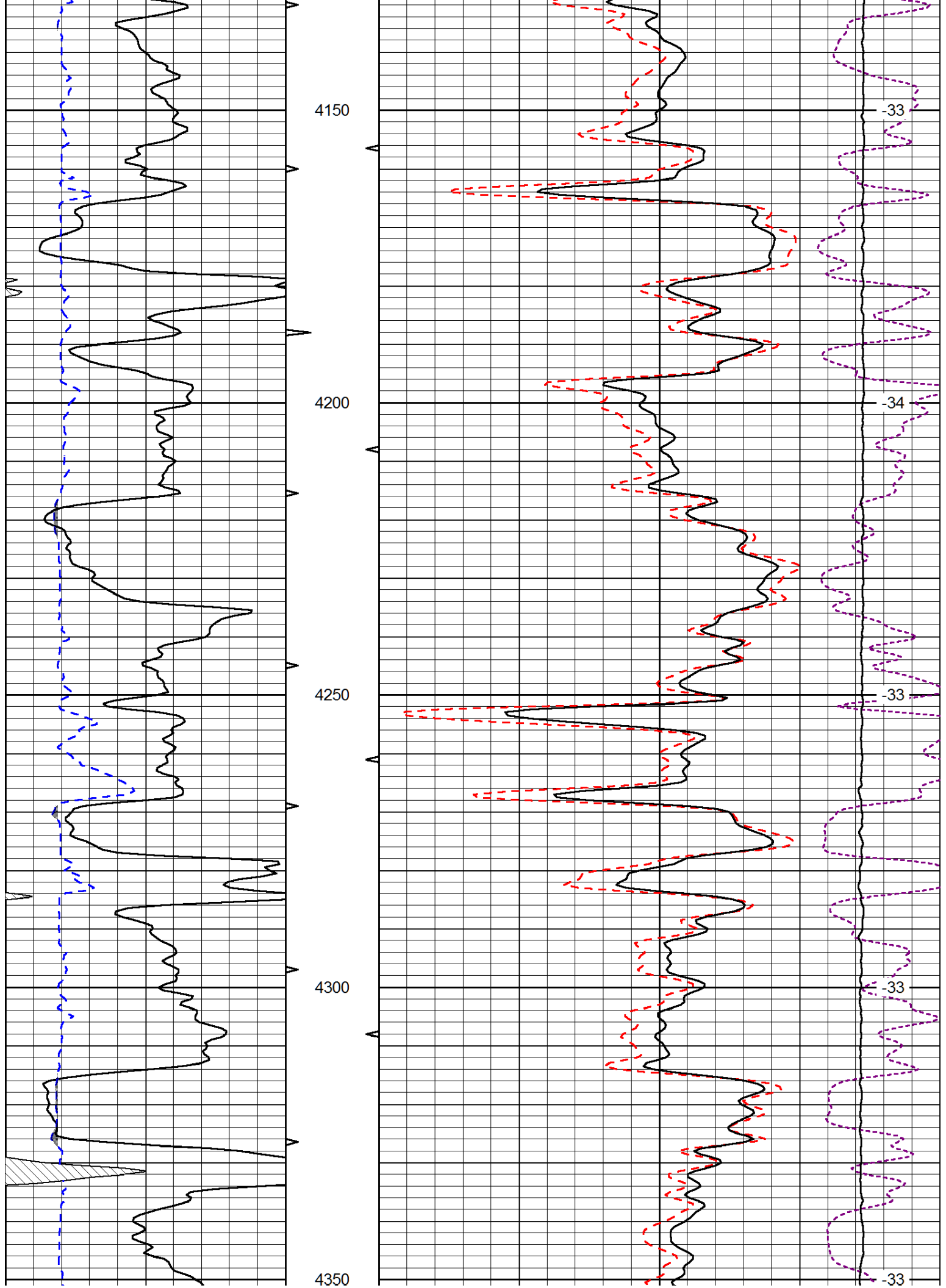
0	Gamma Ray	150
6	Caliper (GAPI)	16

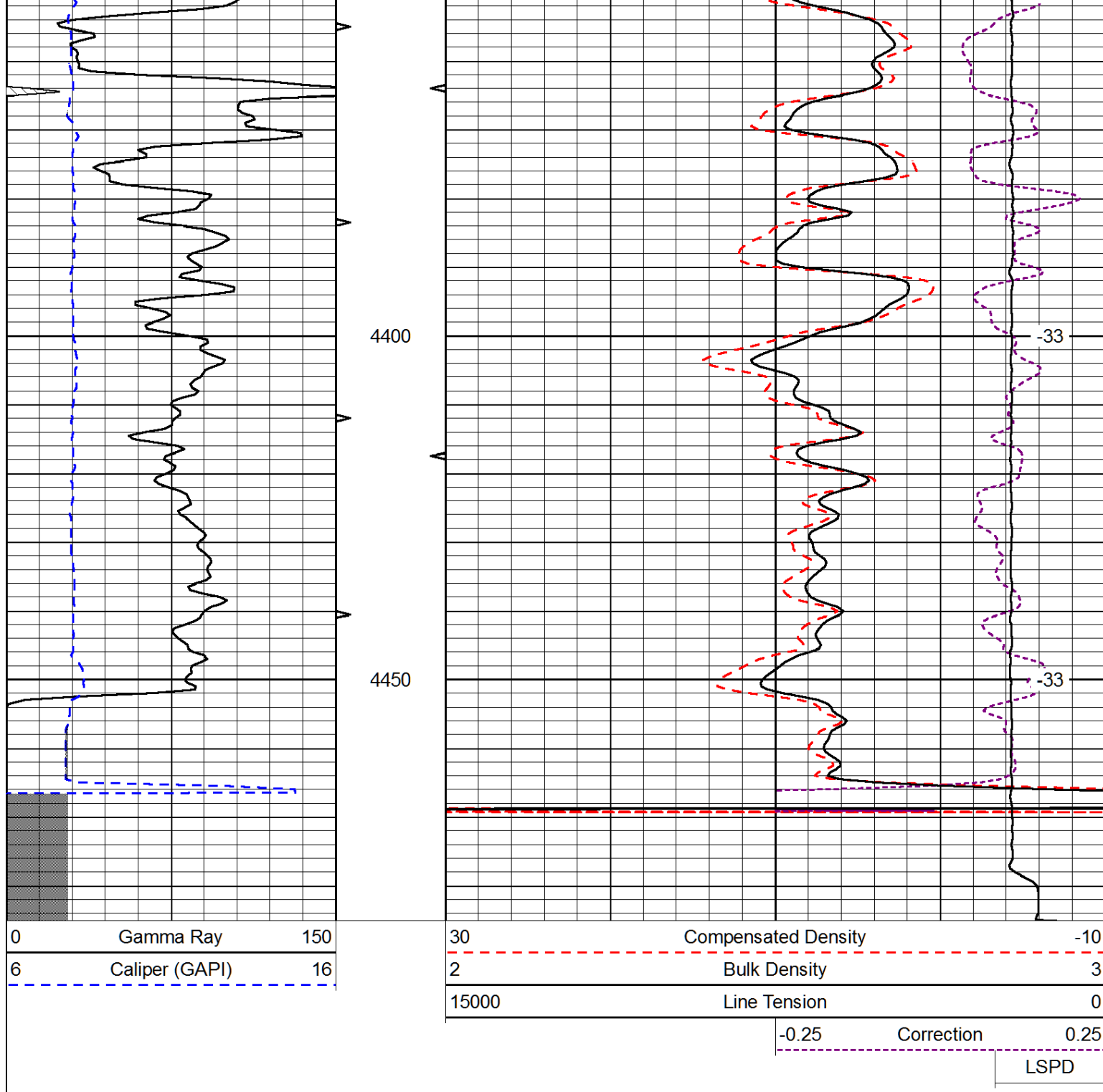
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
	-0.25	Correction	0.25
			LSPD











Database File: murfin_dan_1_9_hd.db
 Dataset Pathname: DIL/murstk
 Presentation Format: cndlspec
 Dataset Creation: Thu Jul 17 22:37:11 2014
 Charted by: Depth in Feet scaled 1:240

