



PIONEER

Pioneer Energy Services

Dual Compensated Porosity Log

API No.

15-165-22068-00-00

Company **Murfin Drilling Company, Inc.**

Well **Oelkers 'B' #1-2**

Field **Wildcat**

County **Rush**

State **Kansas**

Location

1320' FSL & 2310' FWL

Other Services
DIL
MEL/BHCS

Sec: **2**

Twp: **16S**

Rge: **19W**

Elevation

Permanent Datum Ground Level Elevation 2030
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2035
D.F.
G.L. 2030

Date 5/10/2014

Run Number One

Type Log CNL / CDL

Depth Driller 3688

Depth Logger 3689

Bottom Logged Interval 3668

Top Logged Interval 2800

Type Fluid In Hole Chemical

Salinity, PPM CL 7000

Density 9.3

Level Full

Max. Rec. Temp. F 115

Operating Rig Time 5 Hours

Equipment -- Location 91 Hays

Recorded By D. Schmidt

Witnessed By Andy White

Borehole Record

Casing Record

Run No Bit From To Size Wgt. From To

One 12.25 00 1230 8.625 23# 00 1230

Two 7.875 1230 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

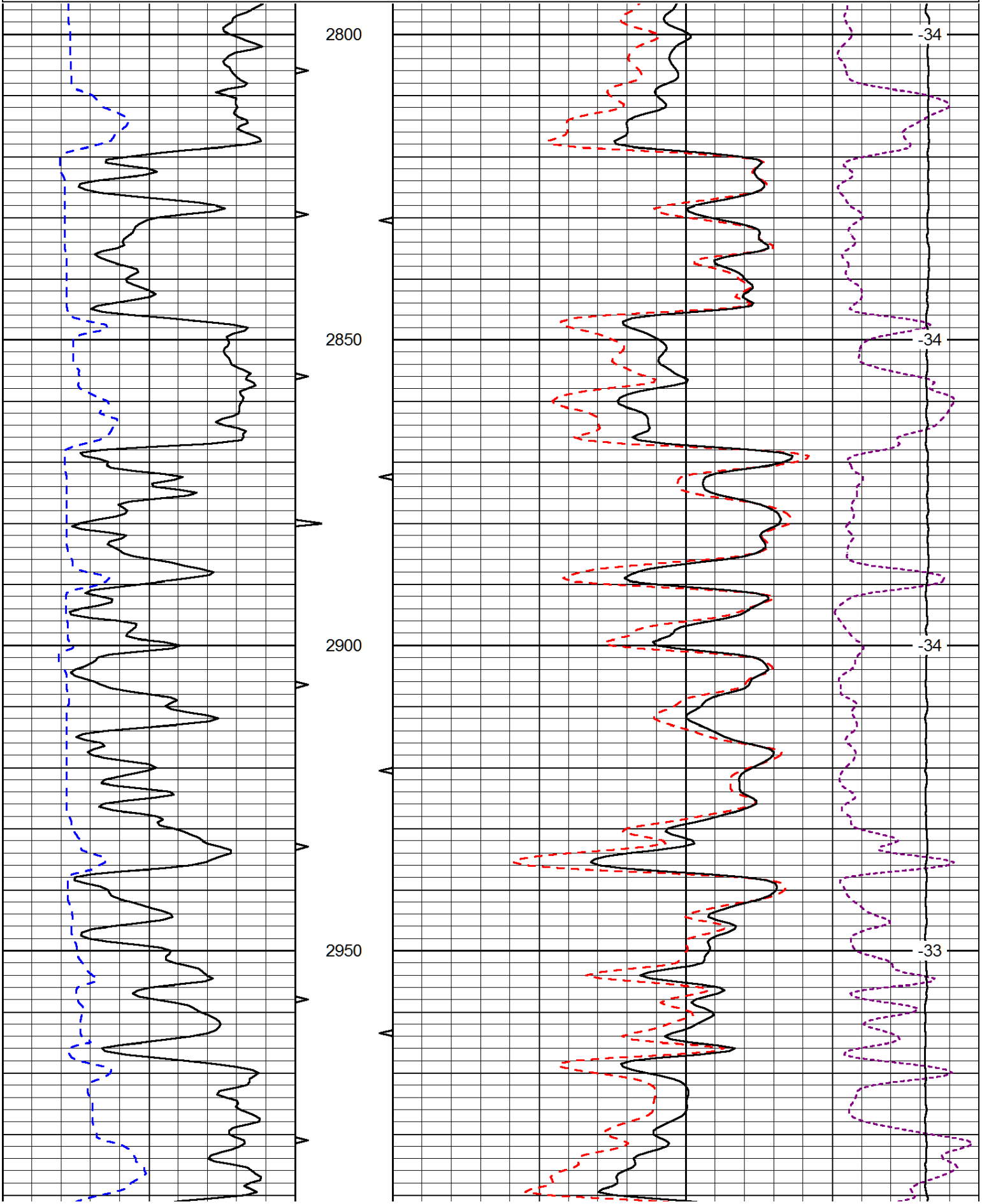
Thank you for using Log-Tech, Inc.
(785) 625-3858

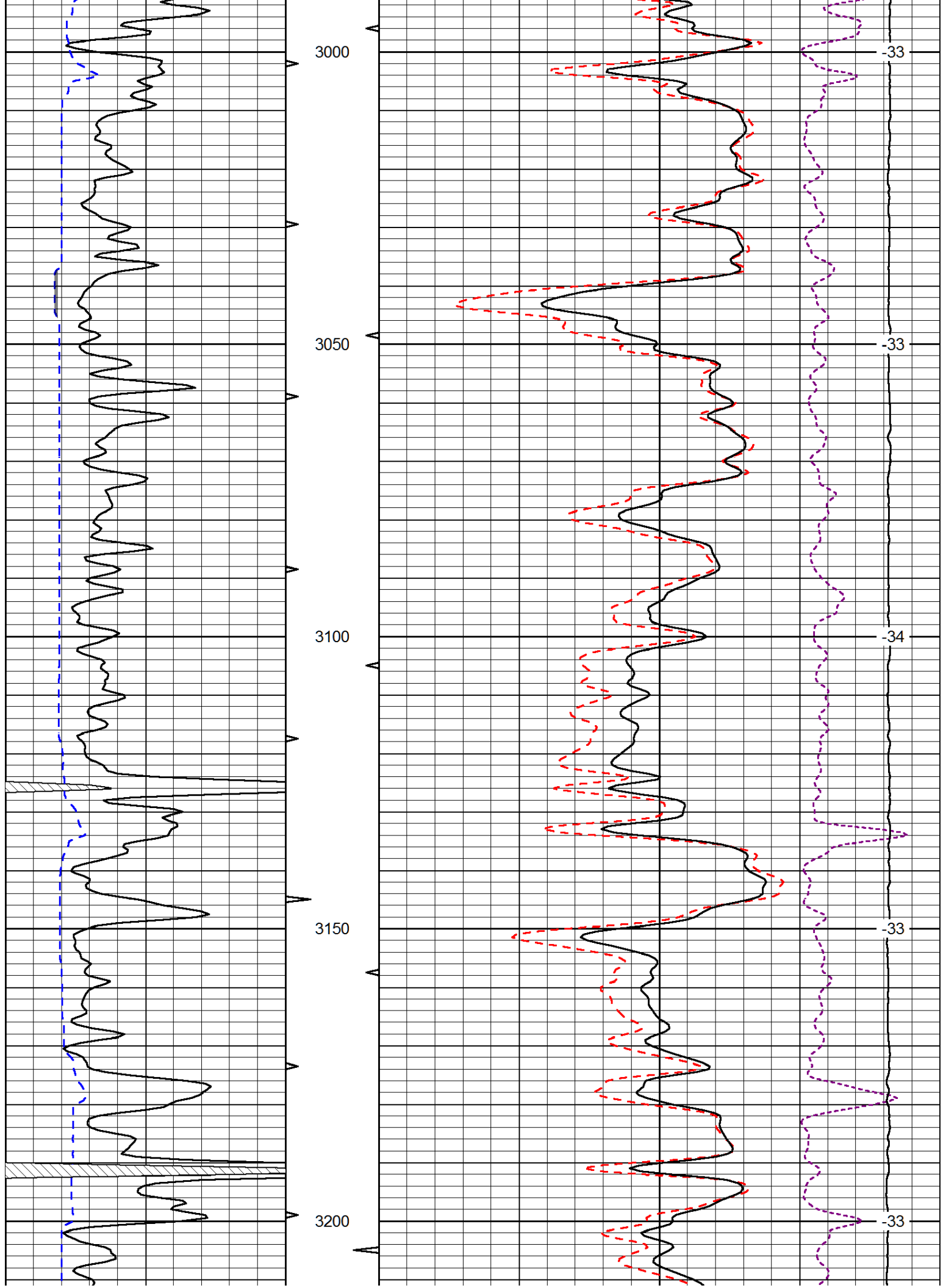
Liebenthal,
North to B Rd, 4 West,
North into 100 yards West of TB

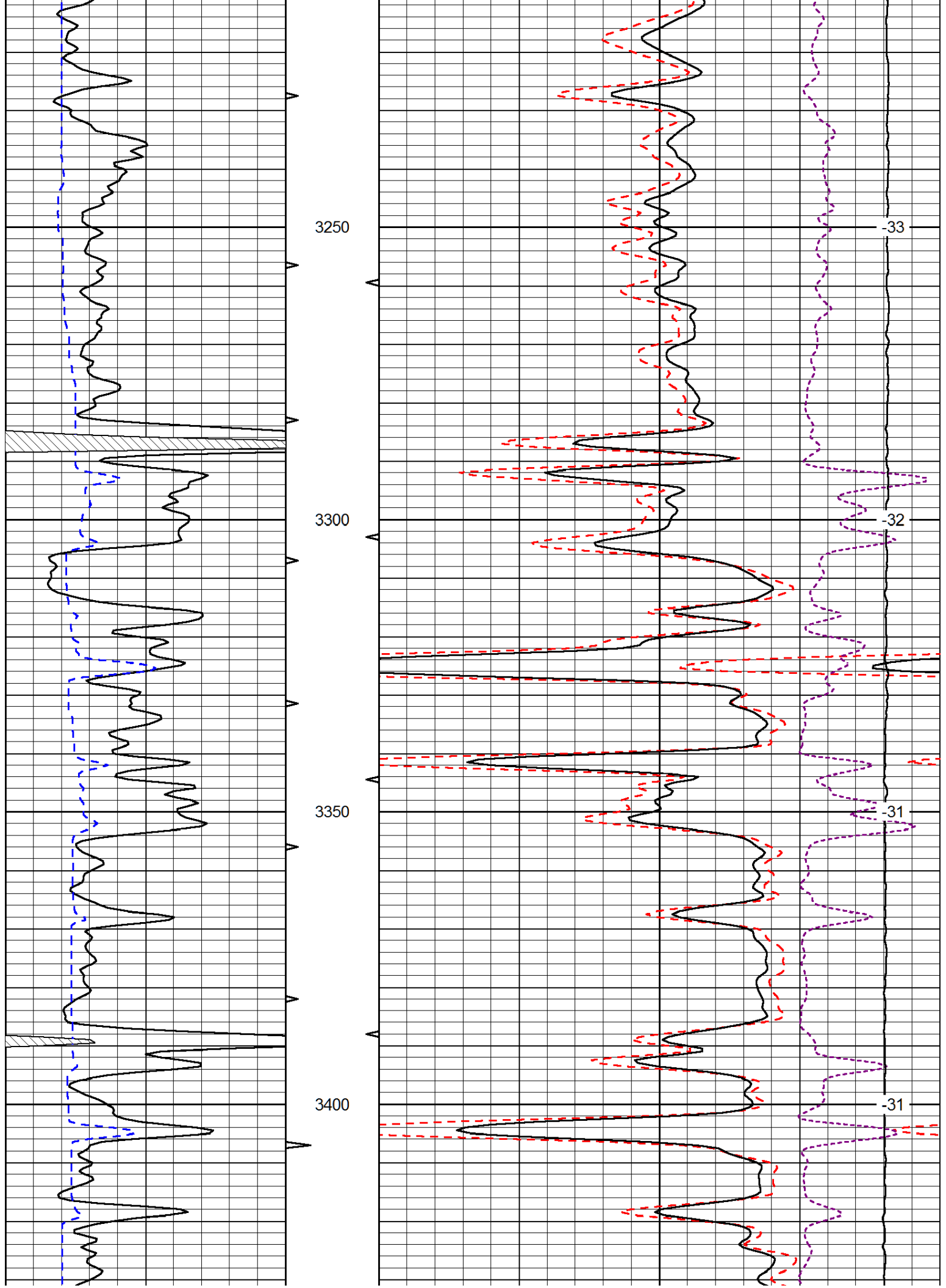
Database File: murfin_091014hd.db
Dataset Pathname: dil/mrfstck
Presentation Format: cdl
Dataset Creation: Sat May 10 15:20:38 2014
Charted by: Depth in Feet scaled 1:240

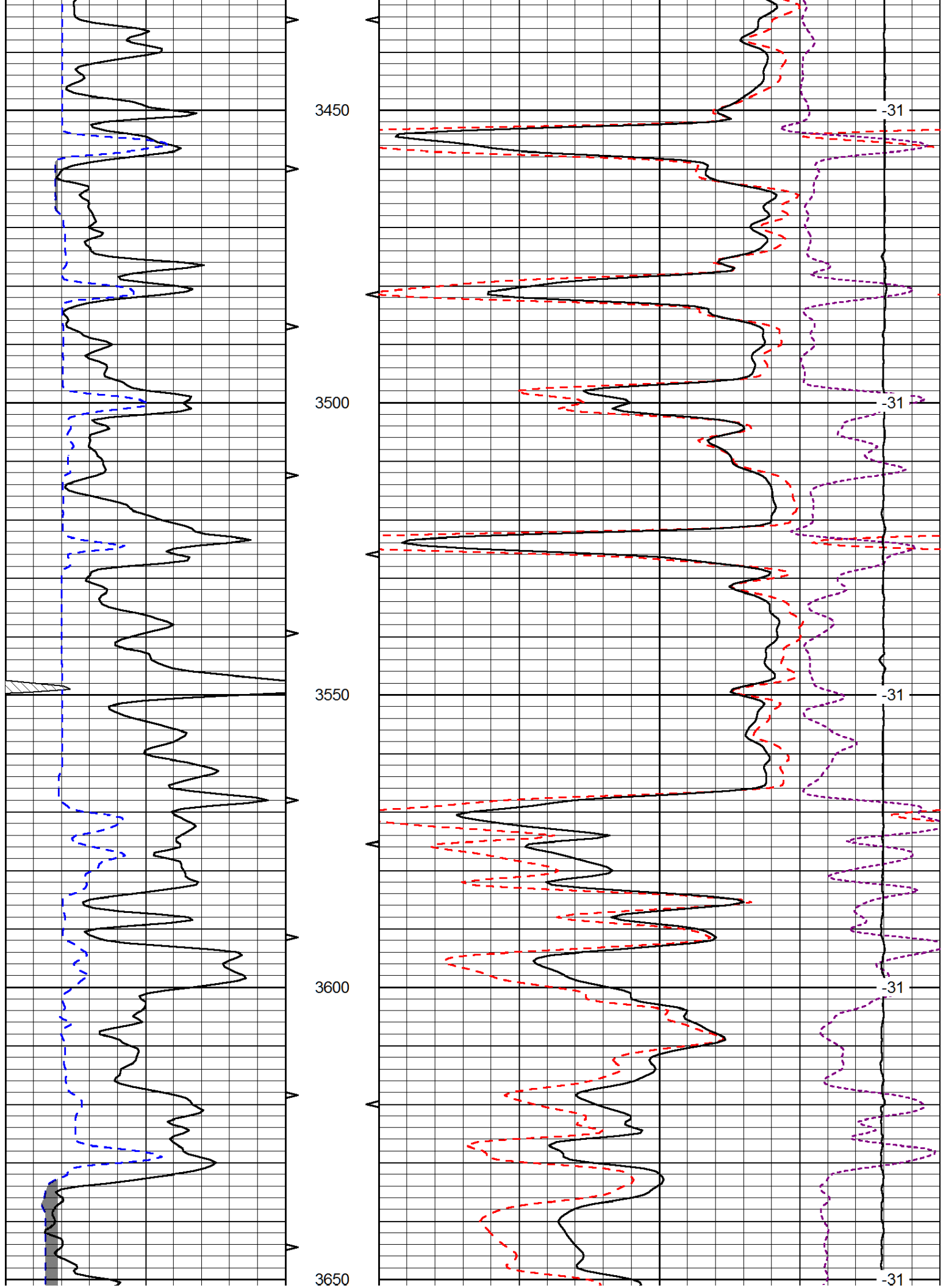
0	Gamma Ray	150
6	Caliper (GAPI)	16

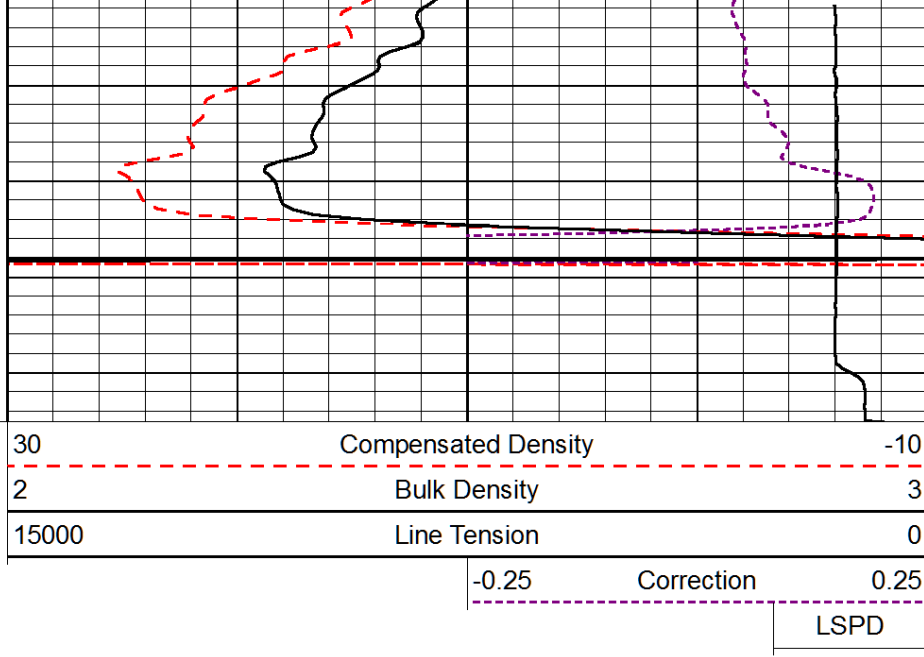
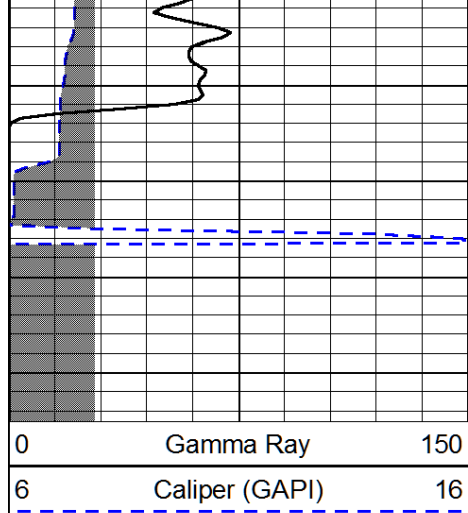
30	Compensated Density	-10
2	Bulk Density	3
15000	Line Tension	0
-0.25	Correction	0.25
	LSPD	











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