



Borehole Compensated Sonic Log

DIGITAL LOG (785) 625-3858

API No.

15-039-21102-00-00

Company Murfin Drilling Company, Inc.

Well Stealy No. 1-21 X

Field Unknown

County Decatur State Kansas

Location

W/2 - NE - NE - SW
2310' FSL & 2300' FWL

Other Services
CNL/CDL
MEL/DIL

Sec: 21 Twp: 3 S Rge: 27 W

Permanent Datum Ground Level Elevation 2619

Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum

K.B. 2624
D.F.
G.L. 2619

Date 8/21/2009

Run Number Two

Type Log BHC Sonic

Depth Driller 3850

Depth Logger 3842

Bottom Logged Interval 3831

Top Logged Interval 2200

Type Fluid In Hole Chemical

Salinity, PPM CL 2200

Density 8.8

Level Full

Max. Rec. Temp. F 115

Operating Rig Time 5 Hours

Equipment -- Location 15 Hays

Recorded By Becker

Witnessed By Jeff Christian

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	2210	8.625	24#	00	2210
2	7.875	2210	3850				

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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.

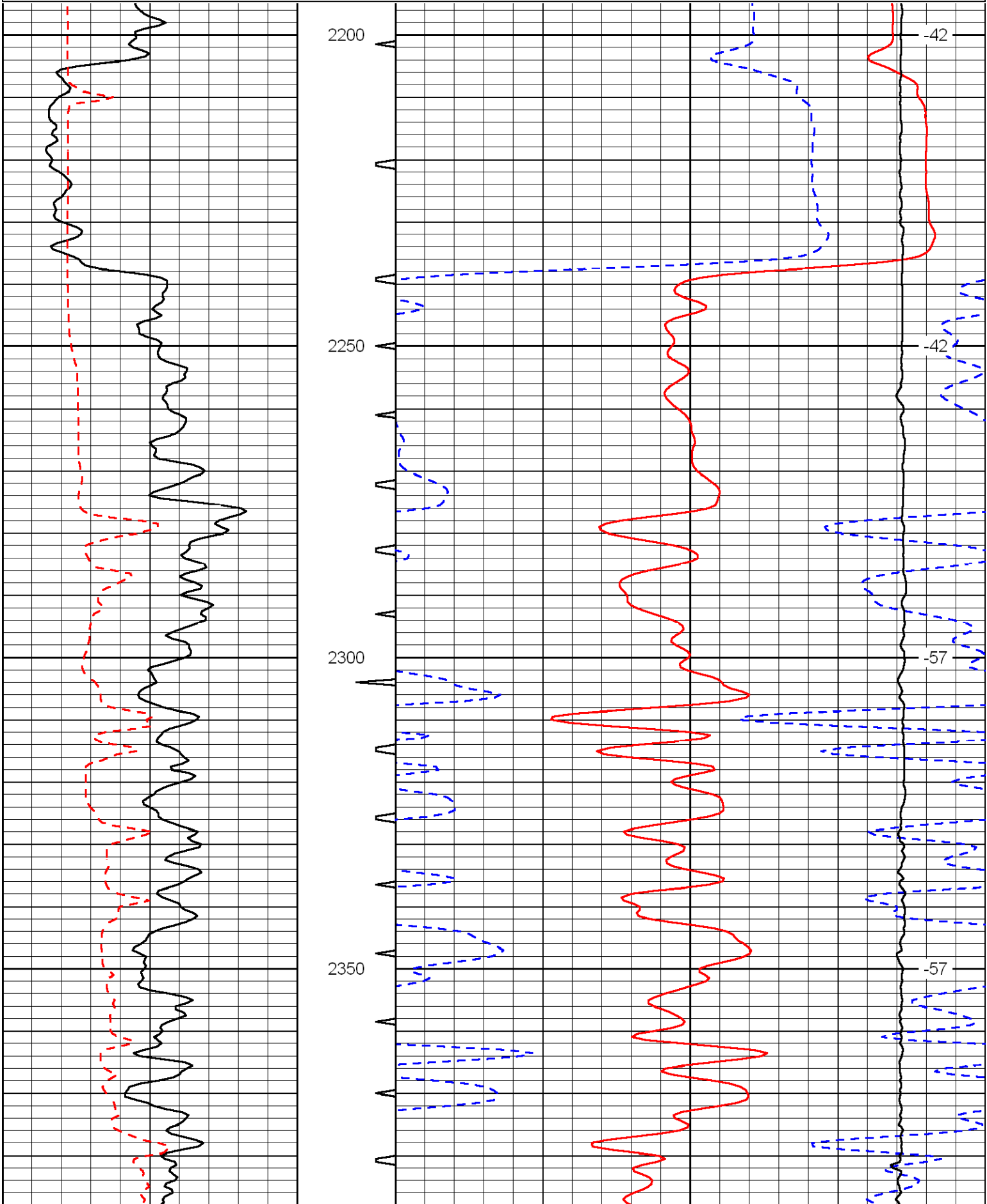
Comments

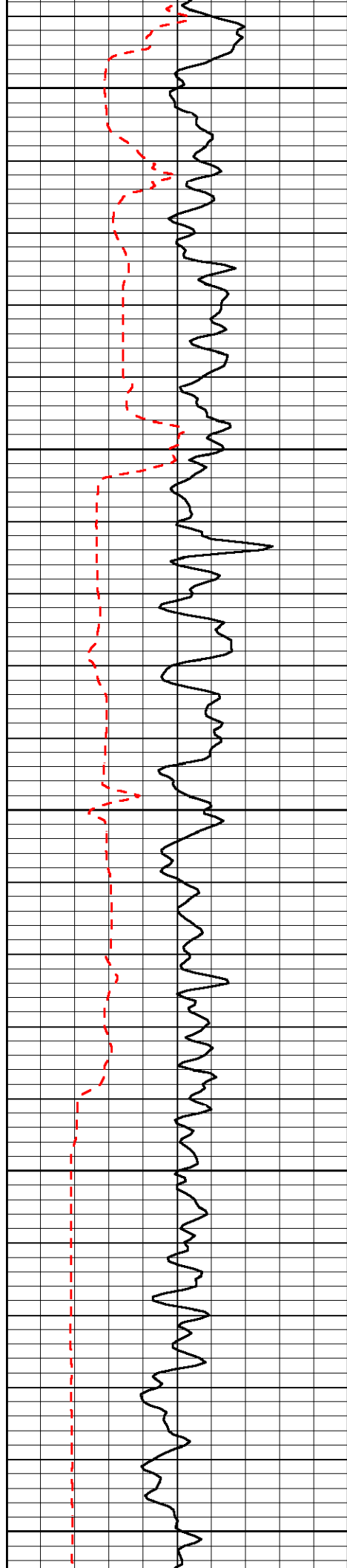
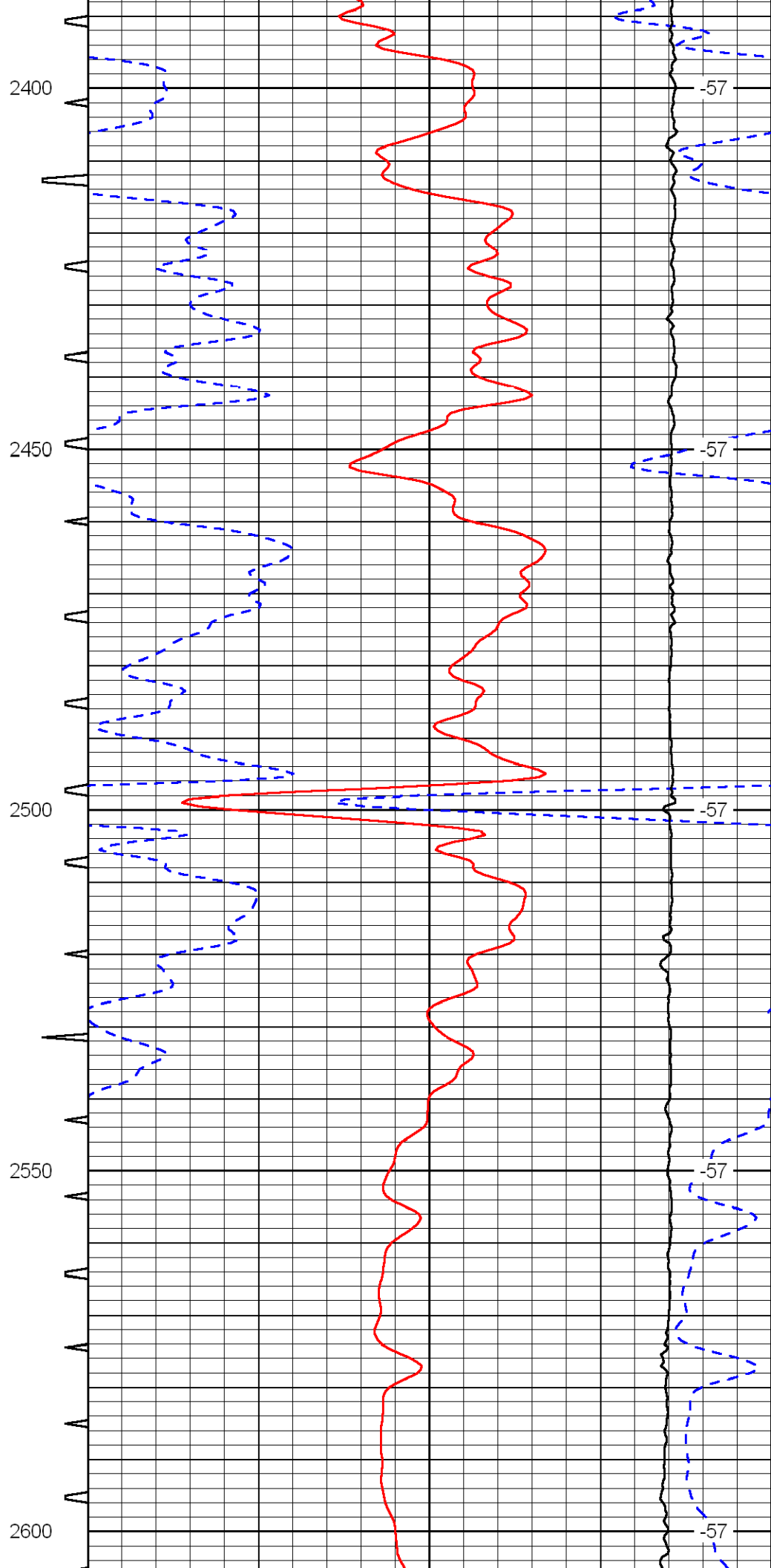
Thank you for using Log-Tech, Inc.
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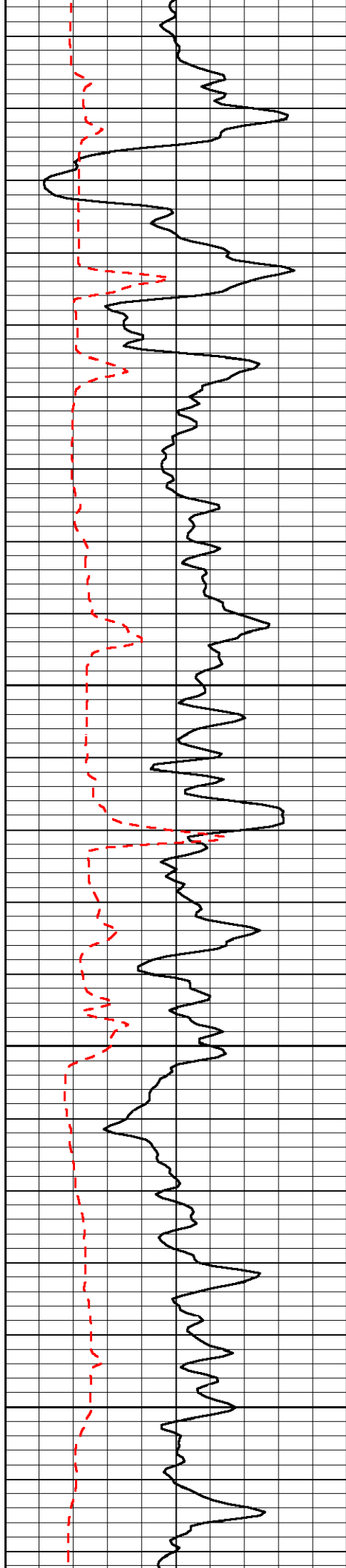
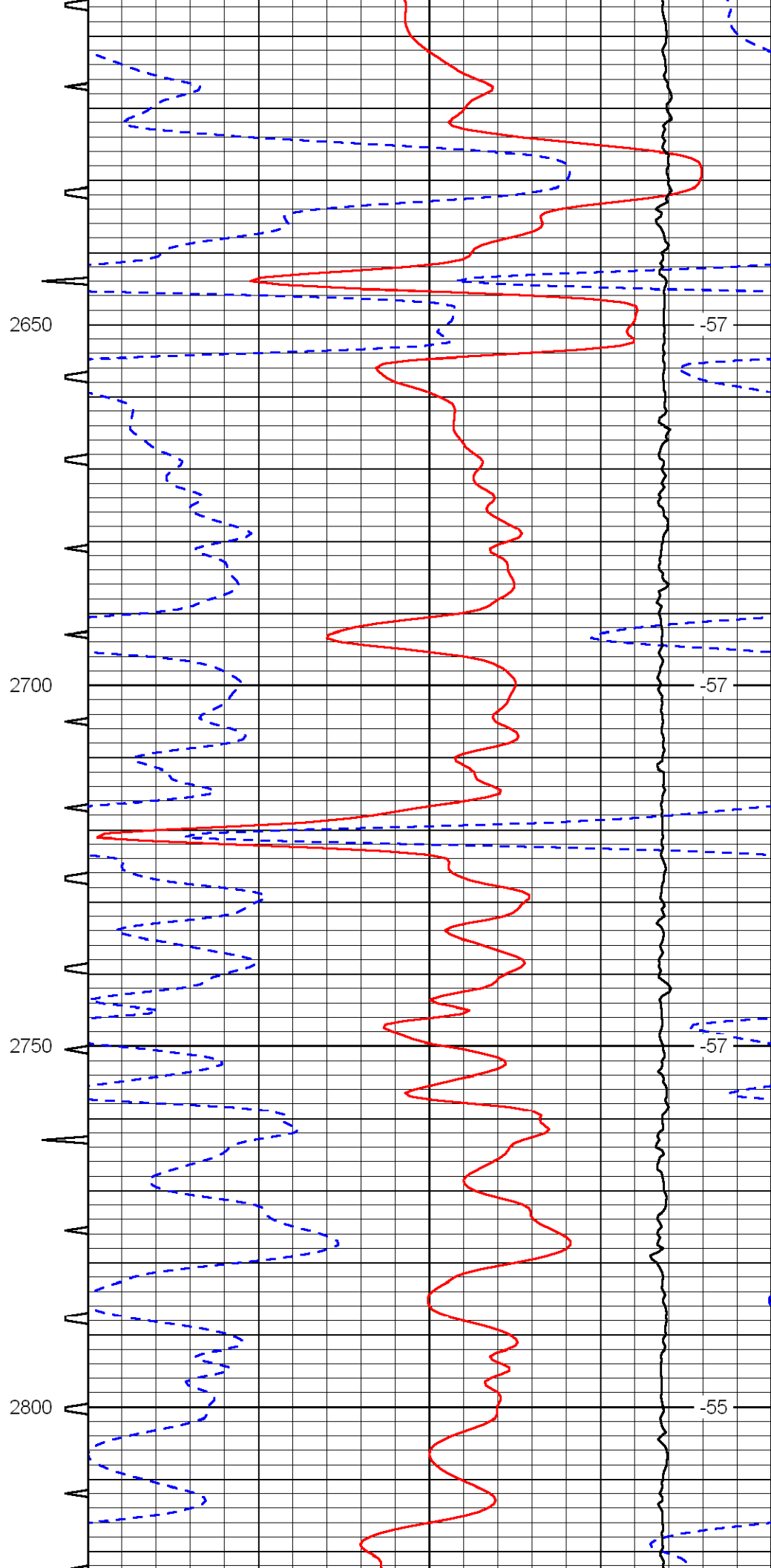
Norcatour, Ks
10 West to Kanona Rd; 2 south (across tracks);
1 East; 1 South; 1/2 East; South after tanks

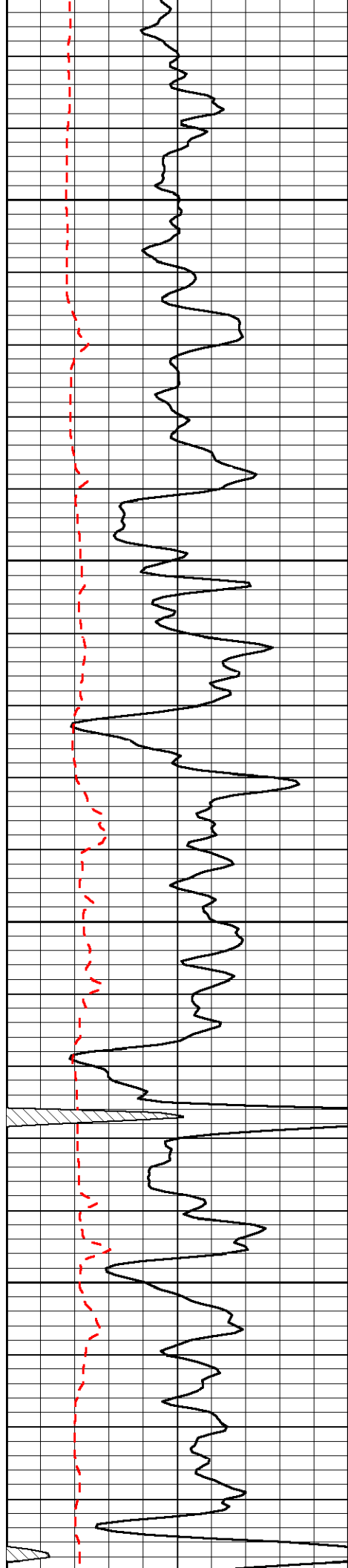
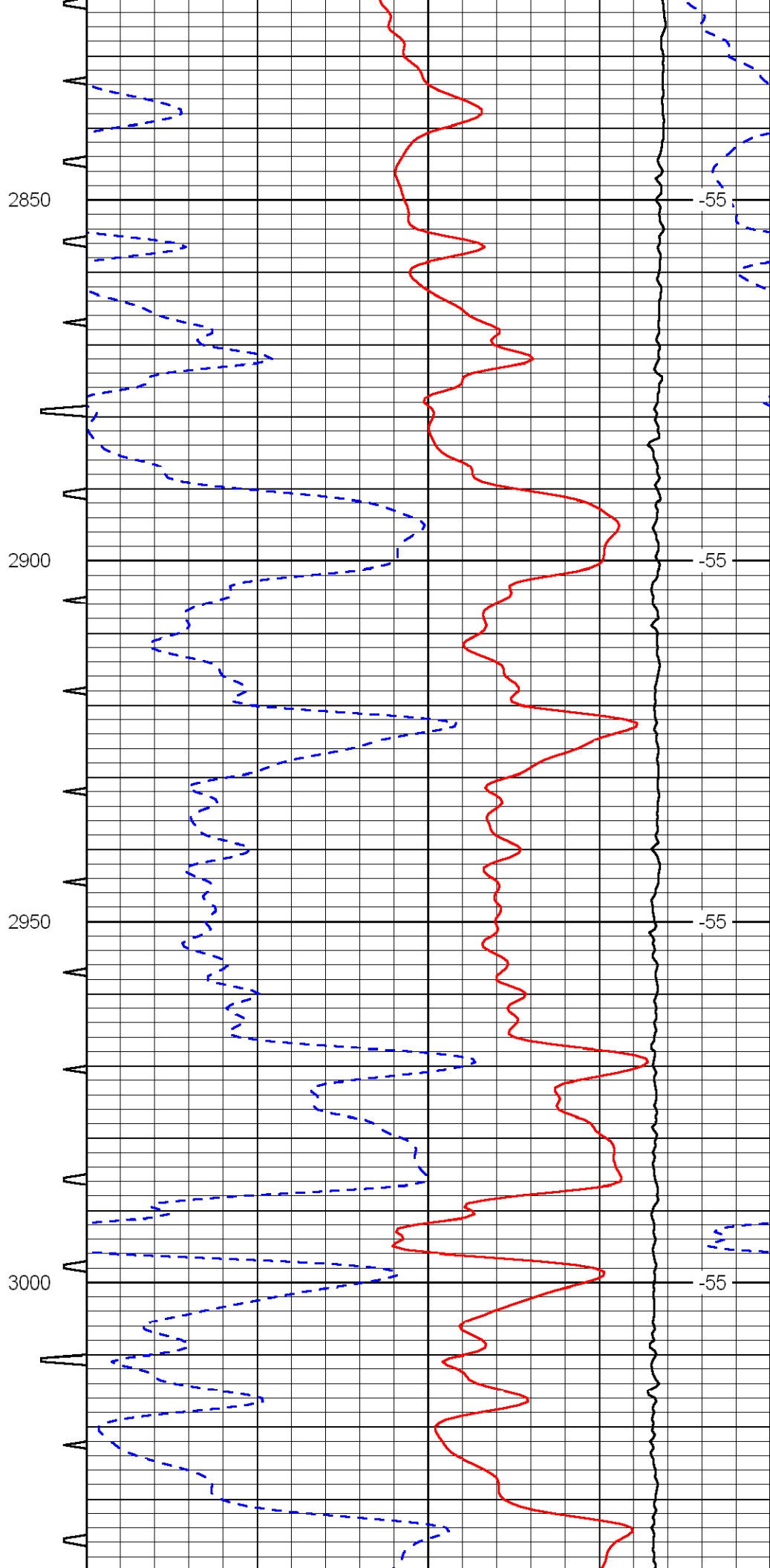
Database File: c:\warrior\data\murfin_stealy no. 1-21 x\murfinhd.db
Dataset Pathname: DIL\murfstk
Presentation Format: sonic
Dataset Creation: Fri Aug 21 09:55:28 2009
Charted by: Depth in Feet scaled 1:240

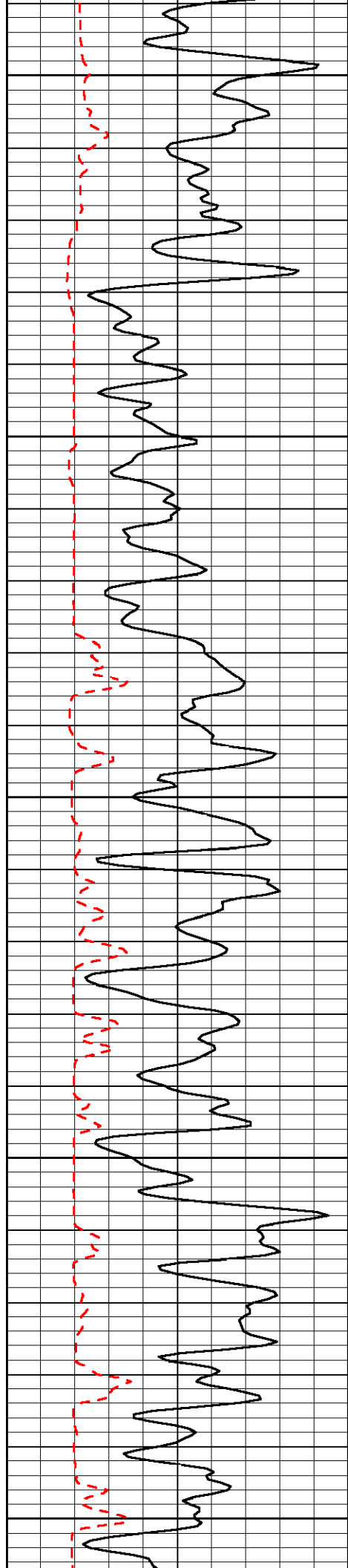
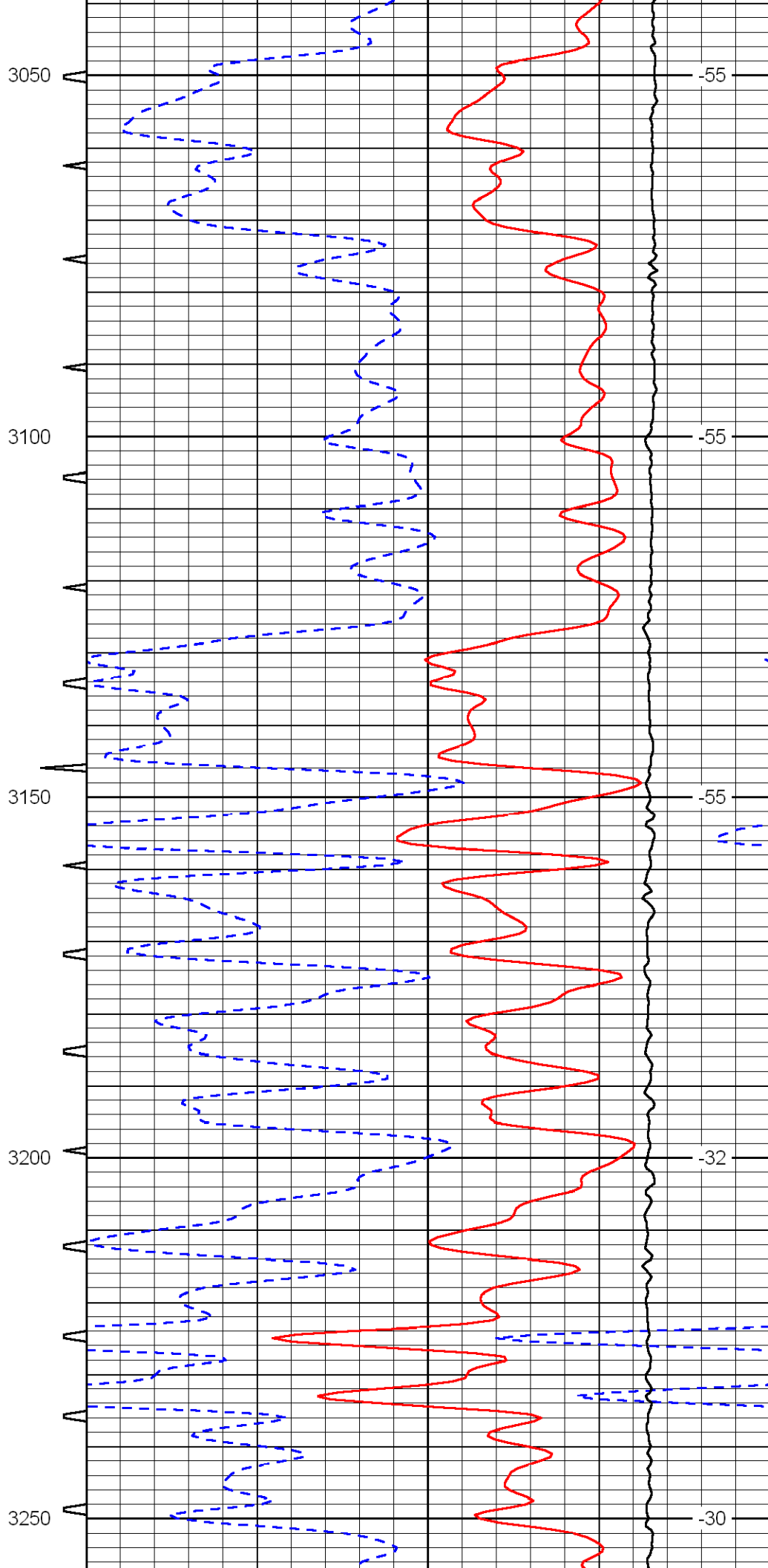
0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft) (usec/ft)		40
150	Gamma Ray	300	5 (msec) 0	30	SPOR (pu)		-10
6	Caliper (in)	16		10000	LTEN (lb) (lb)		0
							LSPD (ft/min)

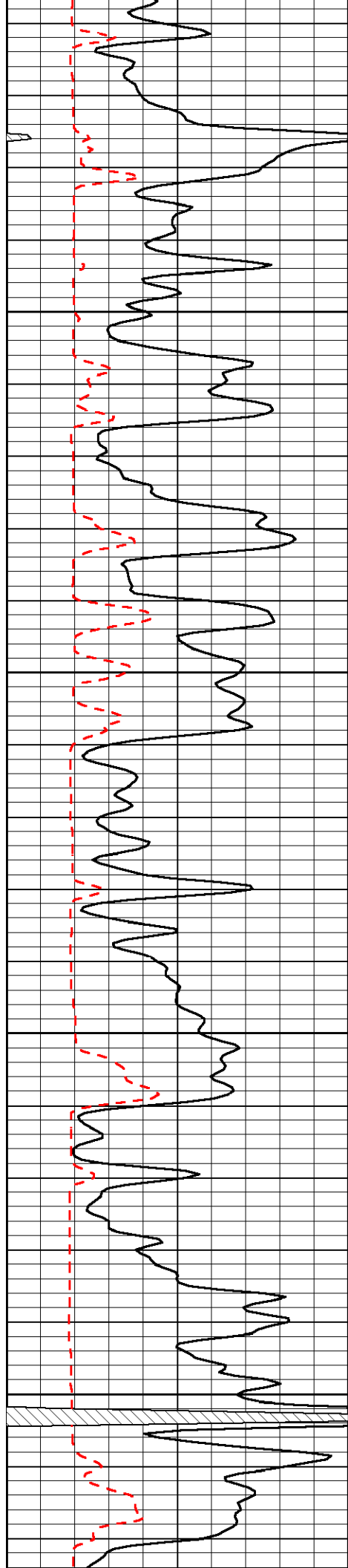
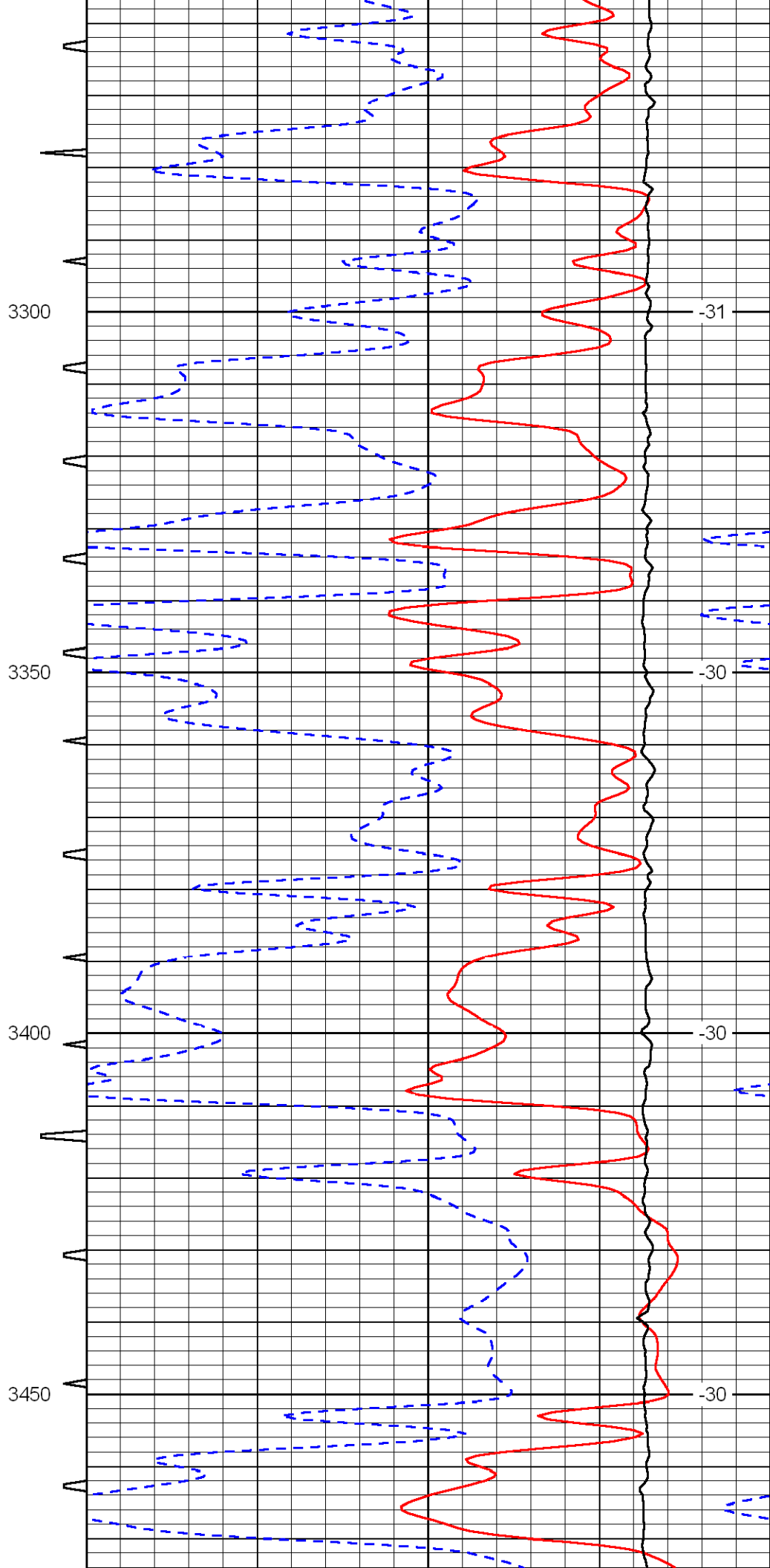


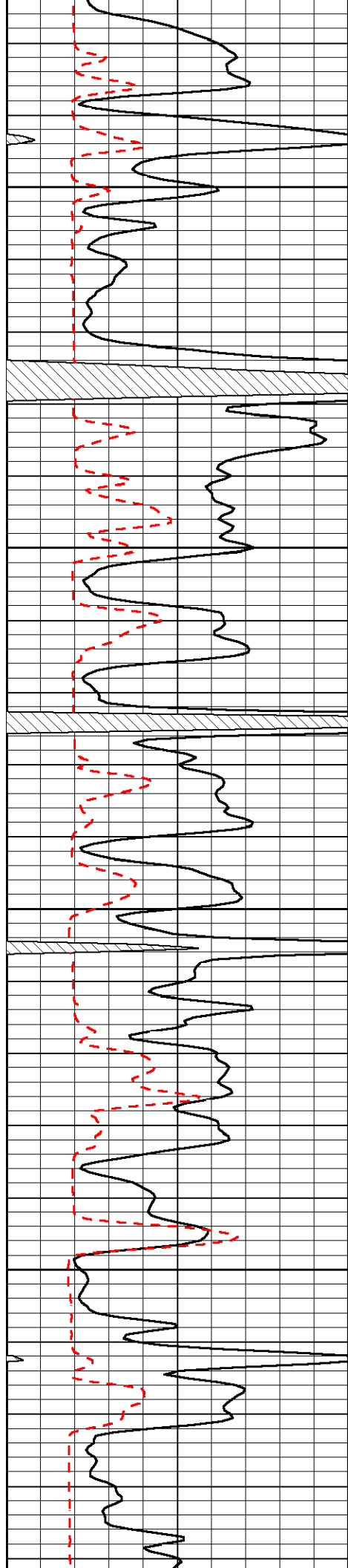
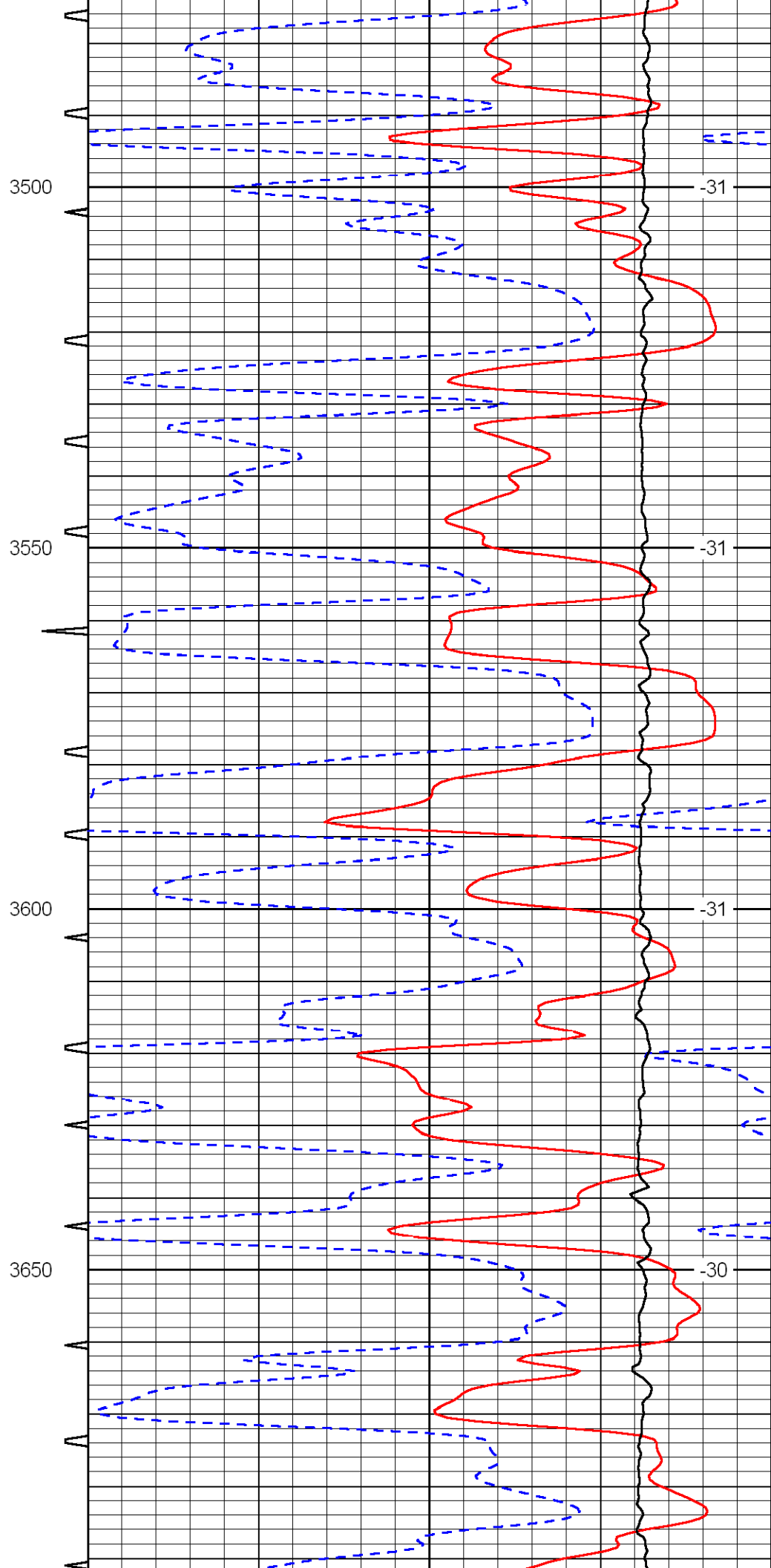


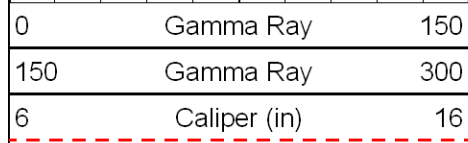
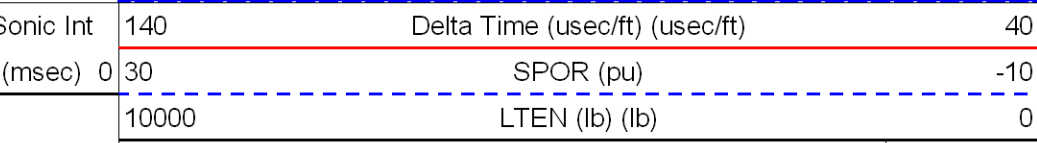










LSPD
(ft/min)