



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.

15-159-22,685-00-00

Company American Warrior, Inc.

Well Coleman #1-21

Field Chase-Silica

County Rice State Kansas

Location

SW NE SE NE
1660' FNL / 650' FEL

Other Services
CNL/CDL
DIL/BHCS

Sec: 21

Twp: 19S

Rge: 10W

Elevation

Permanent Datum Ground Level Elevation 1763

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

K.B. 1771
D.F.
G.L. 1763

Drilling Measured From Kelly Bushing

Date 5/6/2012

Run Number Two

Depth Driller 3400

Depth Logger 3402

Bottom Logged Interval 3401

Top Log Interval 2600

Casing Driller 8.625 @ 300

Casing Logger 294

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 11,000

Density / Viscosity 9.1 66

pH / Fluid Loss 9.5 12.8

Source of Sample Flowline

Rm @ Meas. Temp 0.40 @ 80

Rmf @ Meas. Temp 0.30 @ 80

Rmc @ Meas. Temp 0.54 @ 80

Source of Rmf / Rmc Charts

Rm @ BHT 0.29 @ 110

Operating Rig Time 4 Hours

Max Rec. Temp. F 110

Equipment Number 15

Location Hays

Recorded By R. Barnhart

Witnessed By Josh Austin

<<< 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.

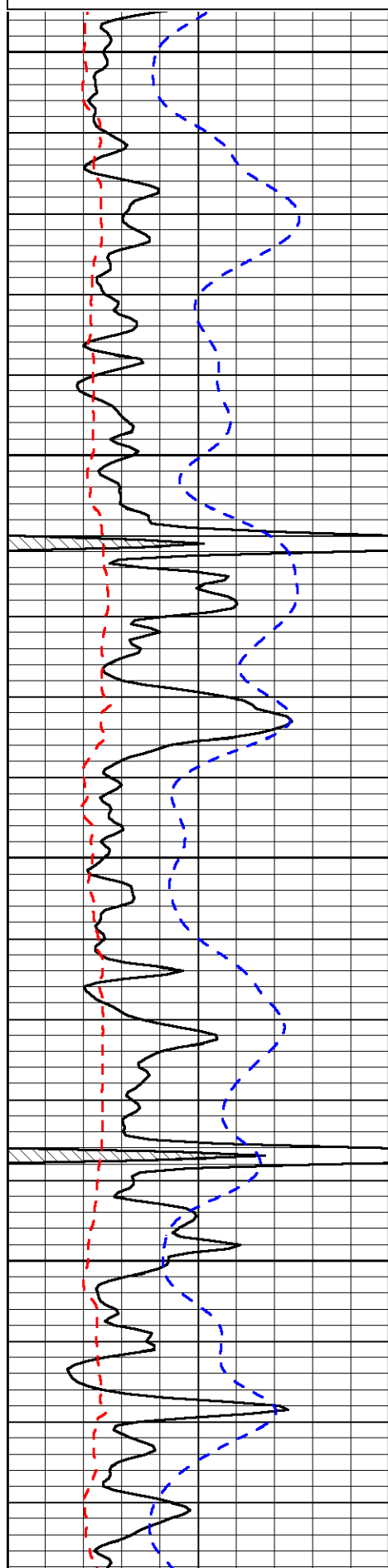
Comments

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

Ellinwood, KS:
E to Co. Line, E to 4 Rd,
3 1/2N, W into

Database File: amwarhd.db
Dataset Pathname: dil/amwmain
Presentation Format: micro
Dataset Creation: Wed May 16 16:14:15 2012
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0



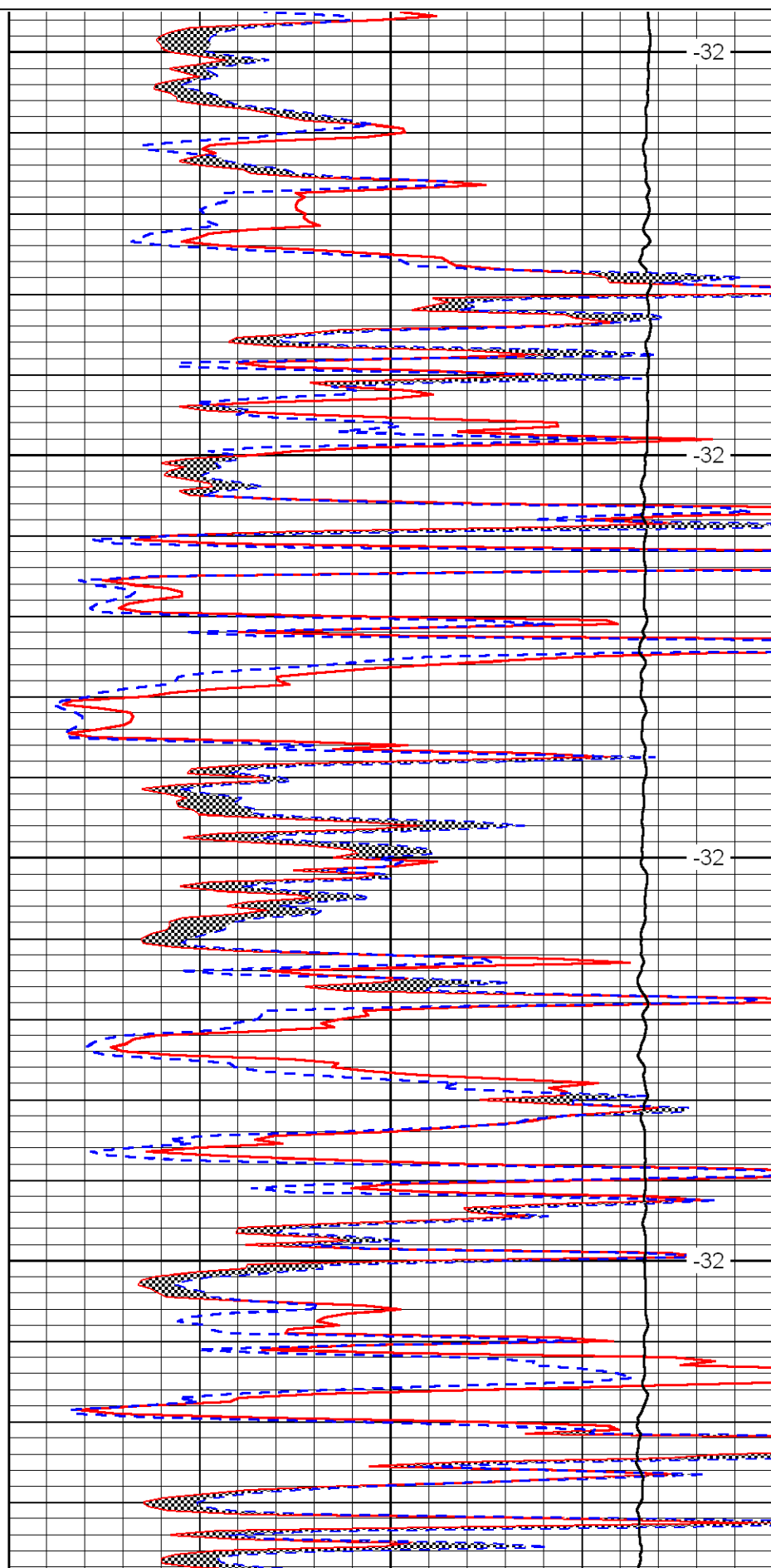
2600

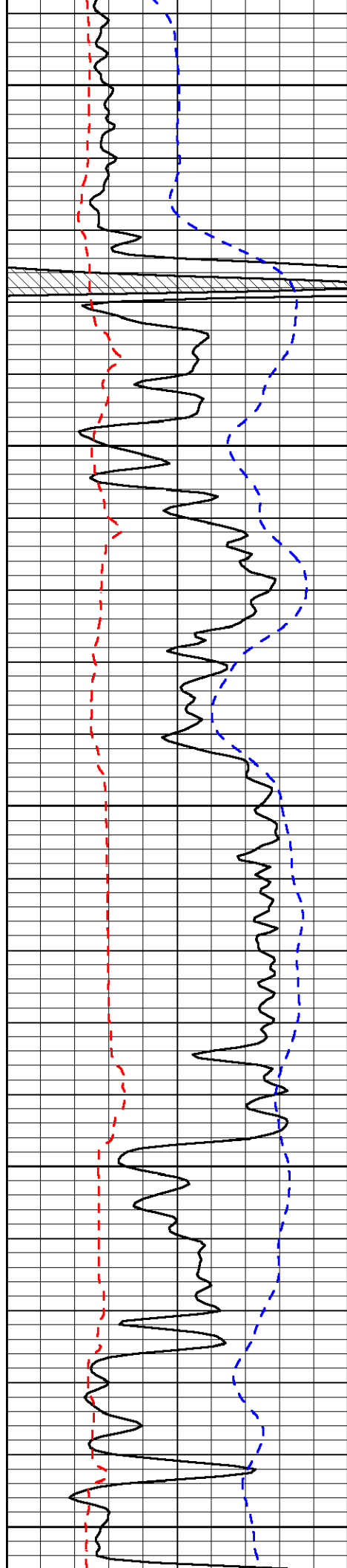
2650

2700

2750

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0
		LSPD





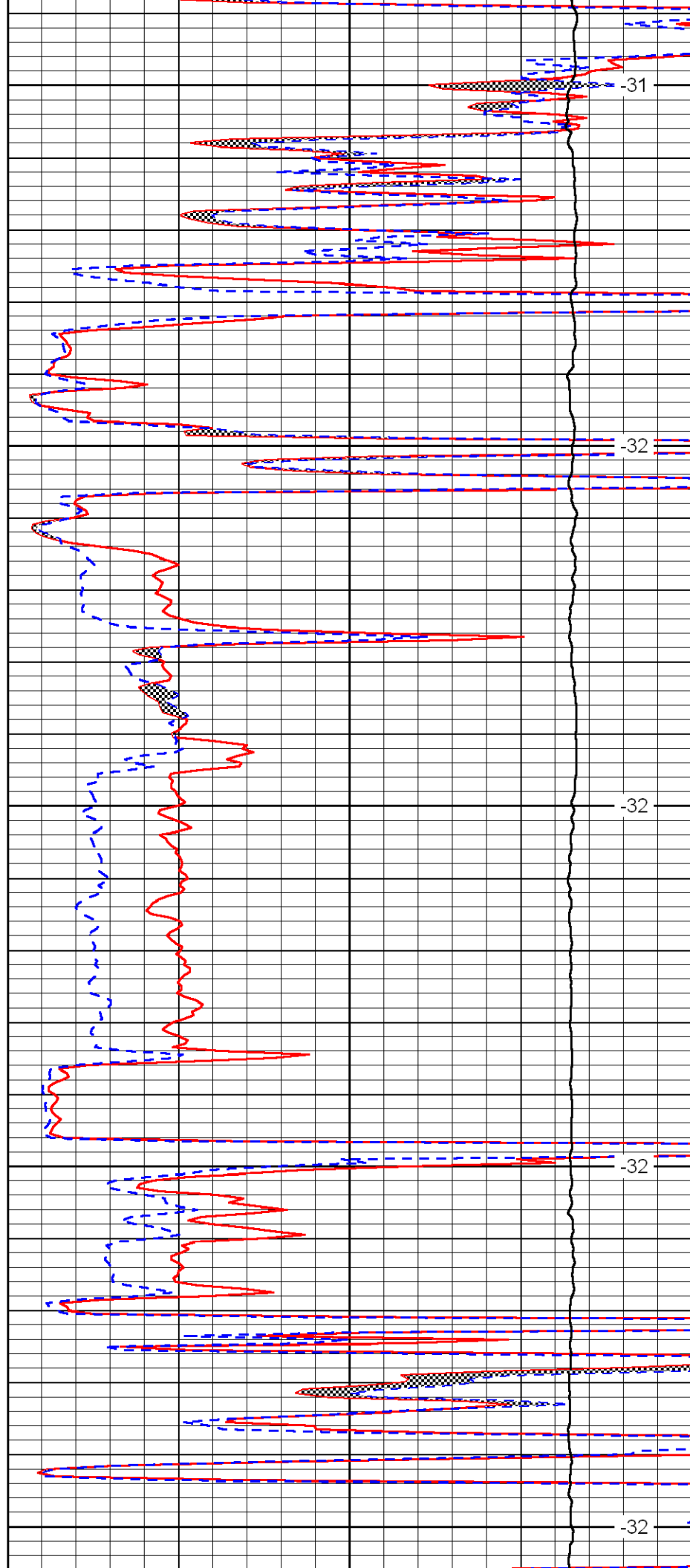
2800

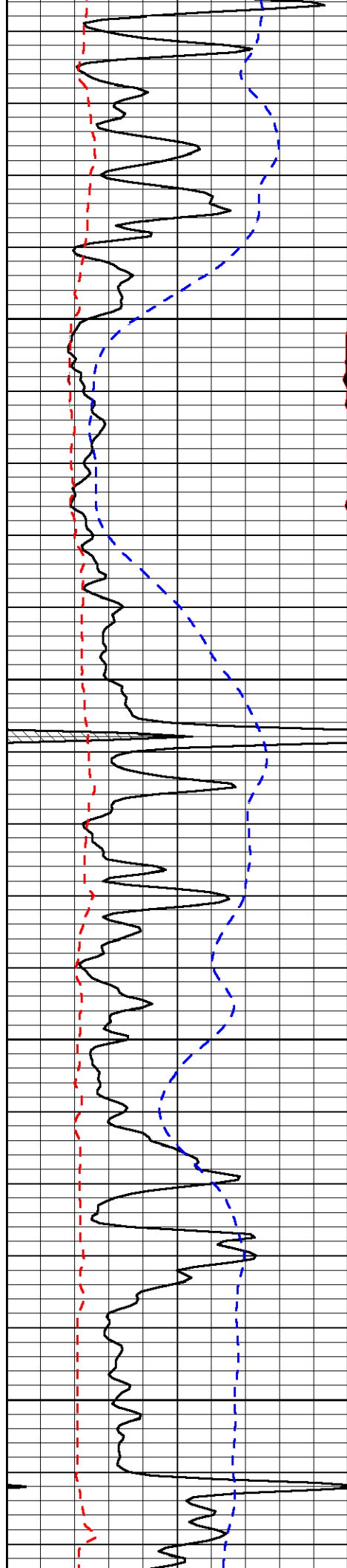
2850

2900

2950

3000



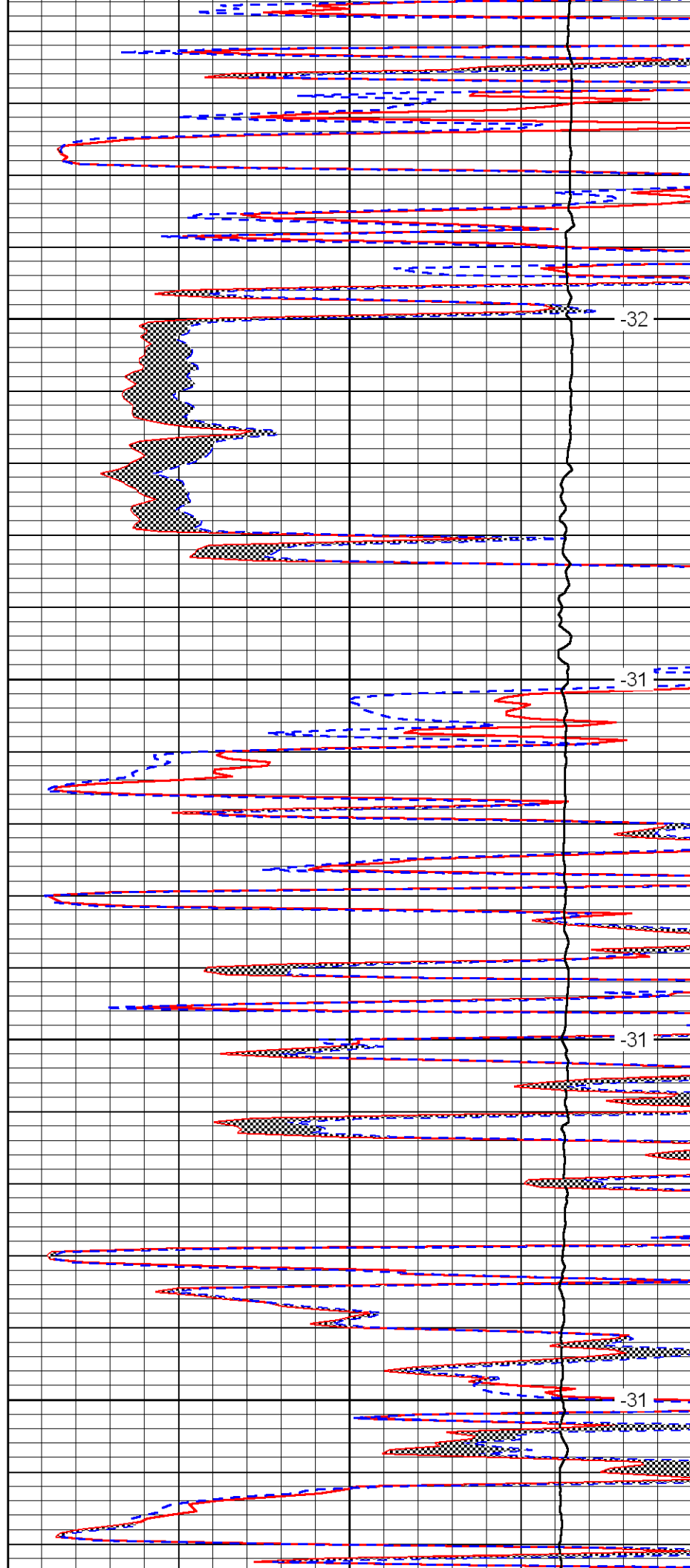


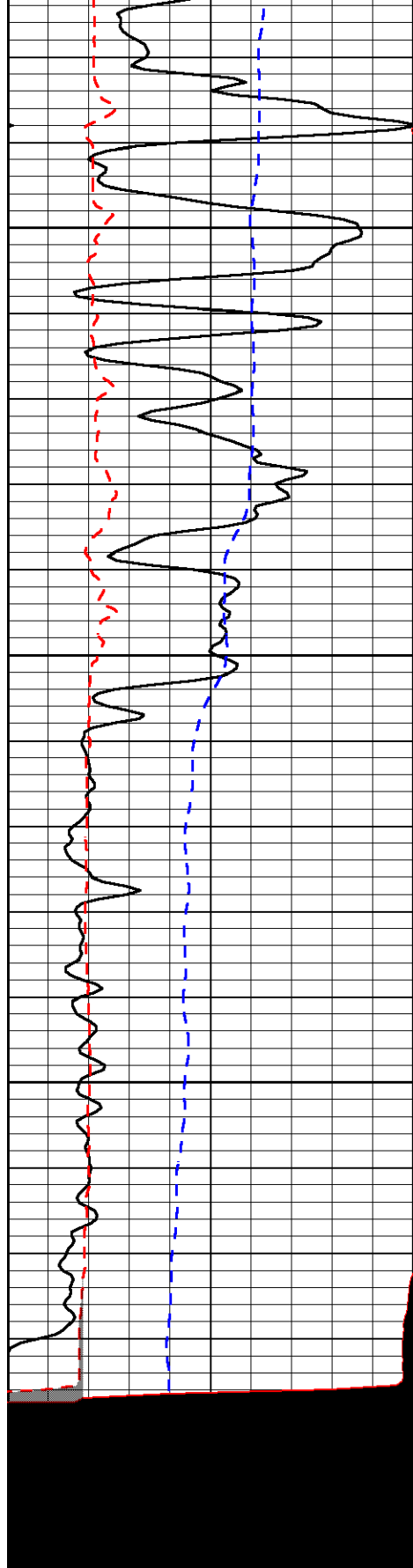
3050

3100

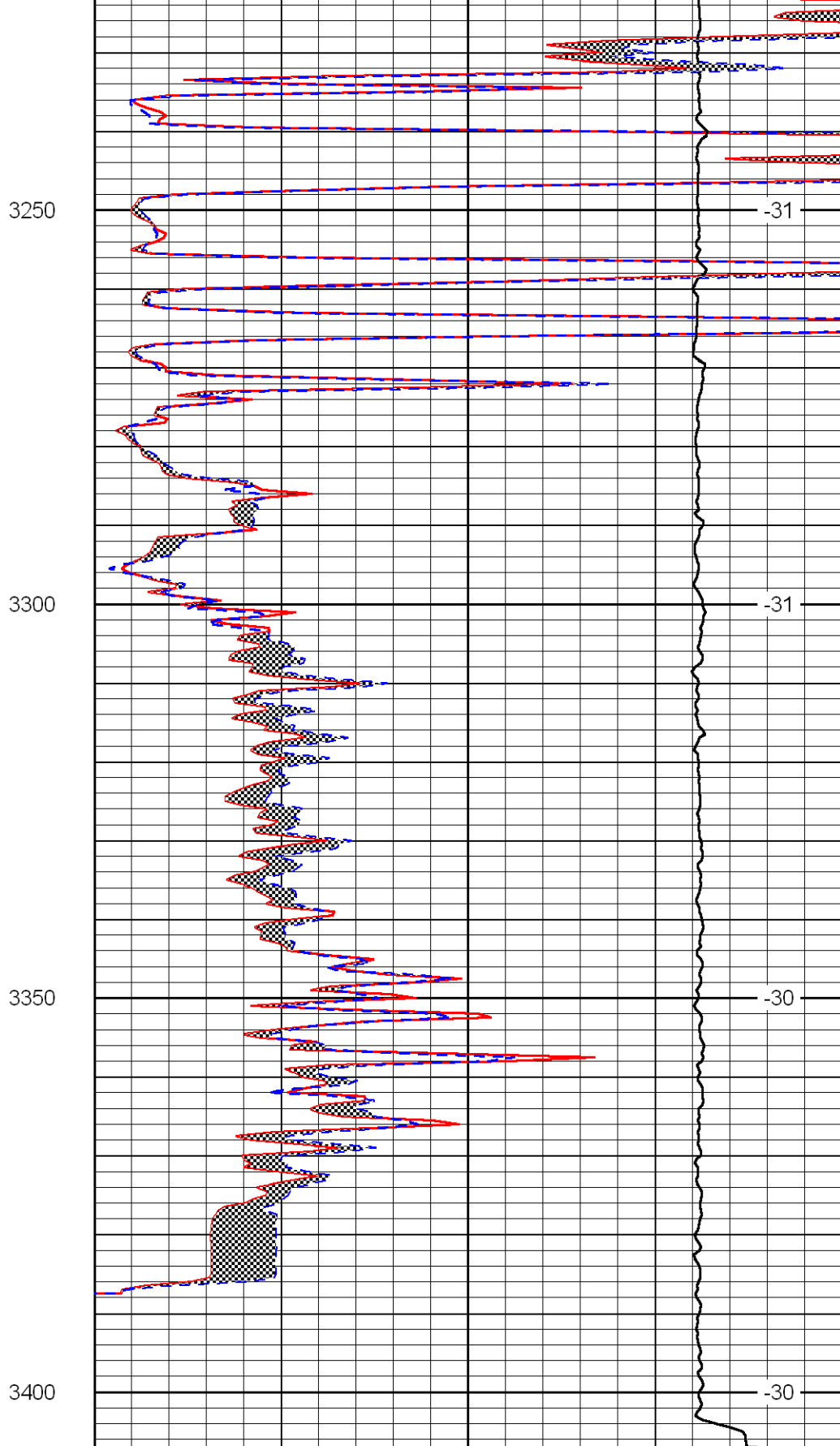
3150

3200





0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0



0	Micro Inverse 1 X 1	40
0	Micro Normal 2''	40
10000	Line Weight	0
	LSPD	