



Microresistivity Log

Pioneer Energy Services

API No.

15-009-26,022-00-00

Company Yale Oil Association, Inc.

Well Brian #1-6

Field Trapp

County Barton State

Kansas

Location

S2-SW-NW
2970' FSL & 660' FWL

Sec: 6 Twp: 16S Rge: 13W

Permanent Datum Ground Level Elevation 1908
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
CNL/CDL
DIL

Elevation
K.B. 1918
D.F. 1908
G.L. 1908

Date 9/5/2014

Run Number Two

Depth Driller 3328

Depth Logger 3325

Bottom Logged Interval 3324

Top Log Interval 2700

Casing Driller 8.625 @ 440

Casing Logger 438

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5400

Density / Viscosity 9.0 50

pH / Fluid Loss 11.5 7.8

Source of Sample Flowline

Rm @ Meas. Temp 0.65 @ 80

Rmf @ Meas. Temp 0.49 @ 80

Rmc @ Meas. Temp 0.88 @ 80

Source of Rmf / Rmc Charts

Rm @ BHT 0.48 @ 109

Operating Rig Time 4 Hours

Max Rec. Temp. F 109

Equipment Number 15

Location Hays

Recorded By D. Kerr

Witnessed By Kurt Talbott

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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.

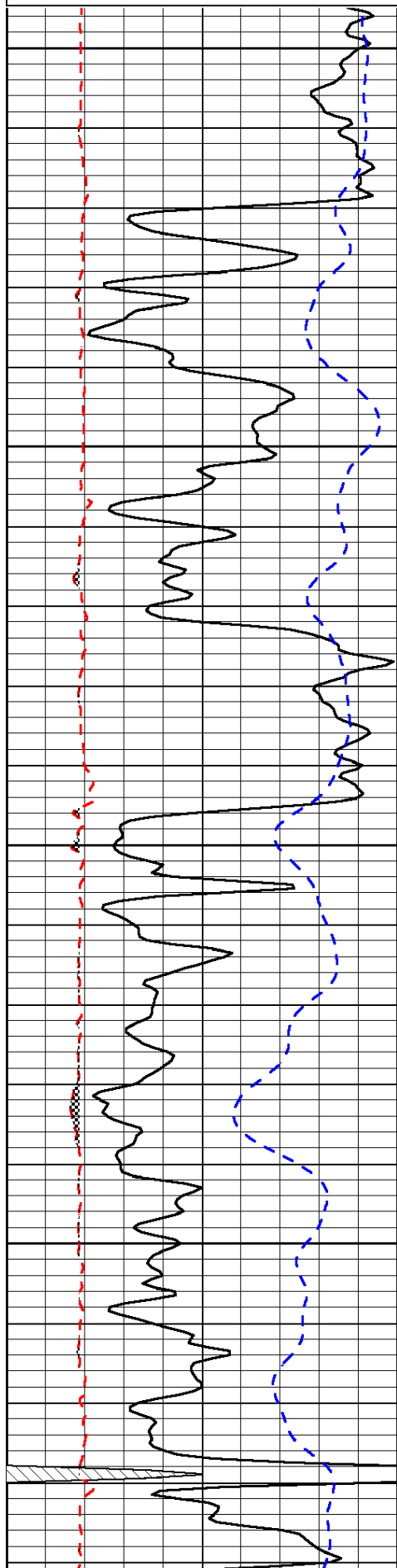
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Susank KS, 3 North, 2 West,
1/2 North, East Into

Database File: c:\warrior\data\yale oil_brian #1-6\yale_brain_1_6hd.db
Dataset Pathname: DIL\yalestk
Presentation Format: micro
Dataset Creation: Fri Sep 05 06:17:45 2014
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

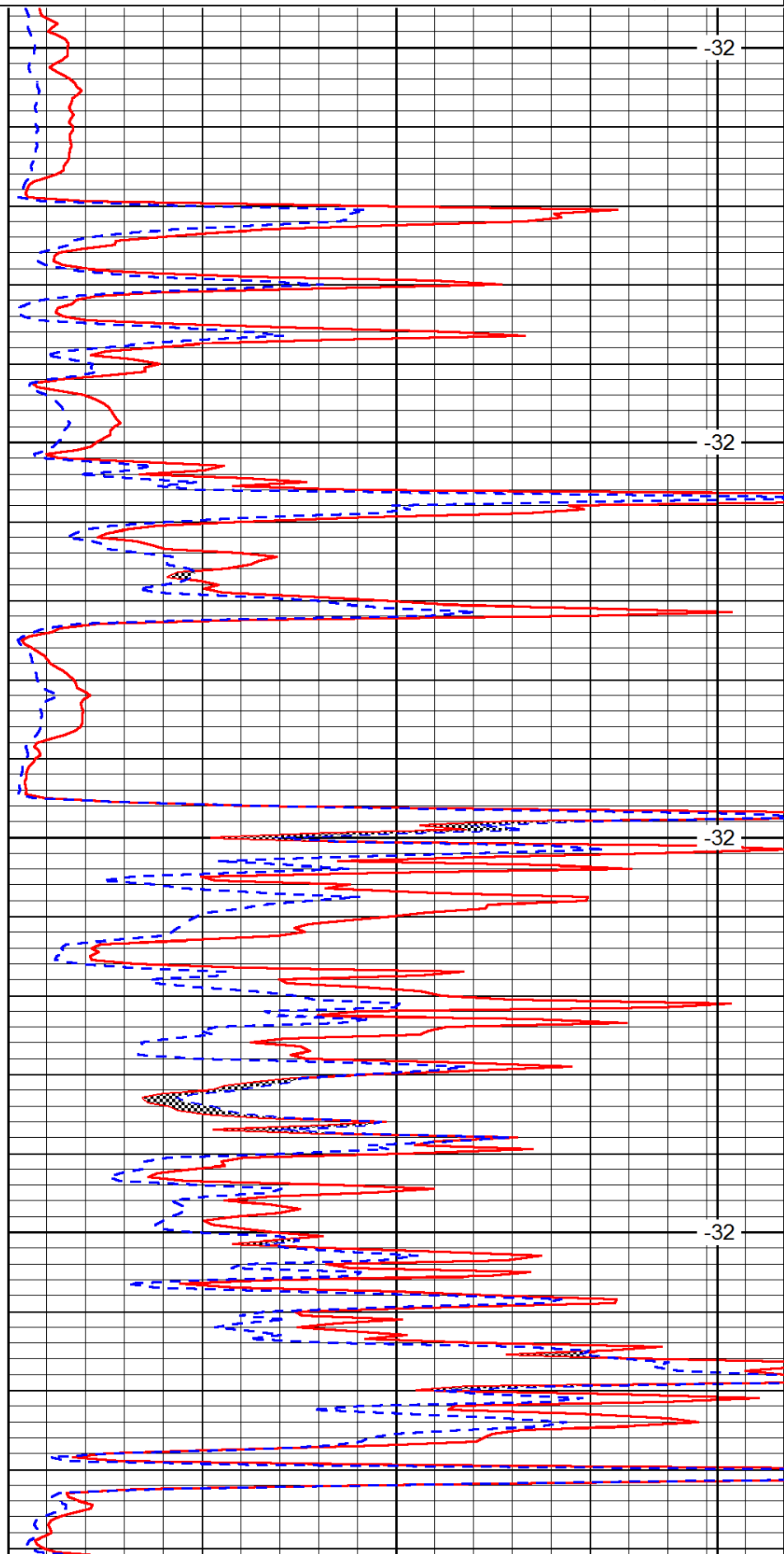


2700

2750

2800

2850



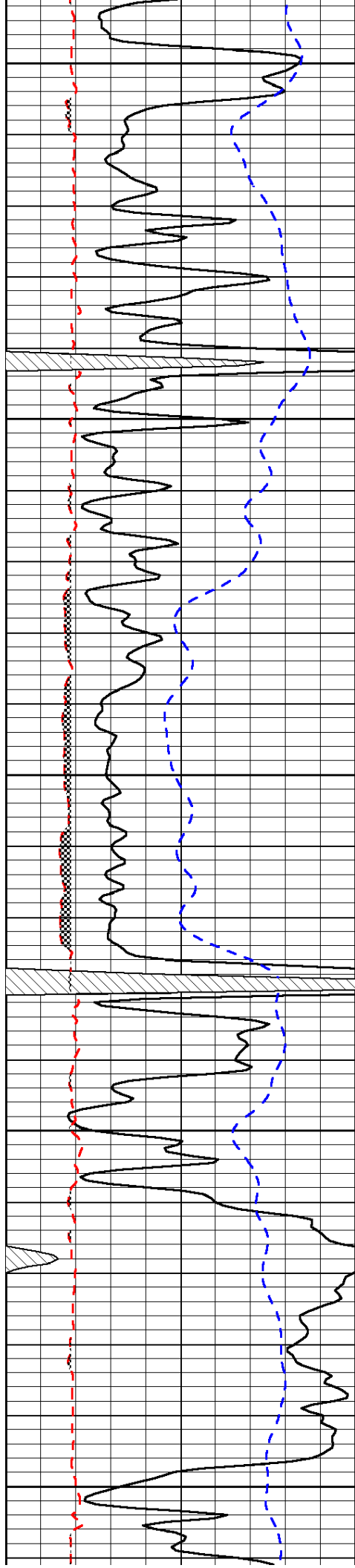
-32

-32

-32

-32

LSPD



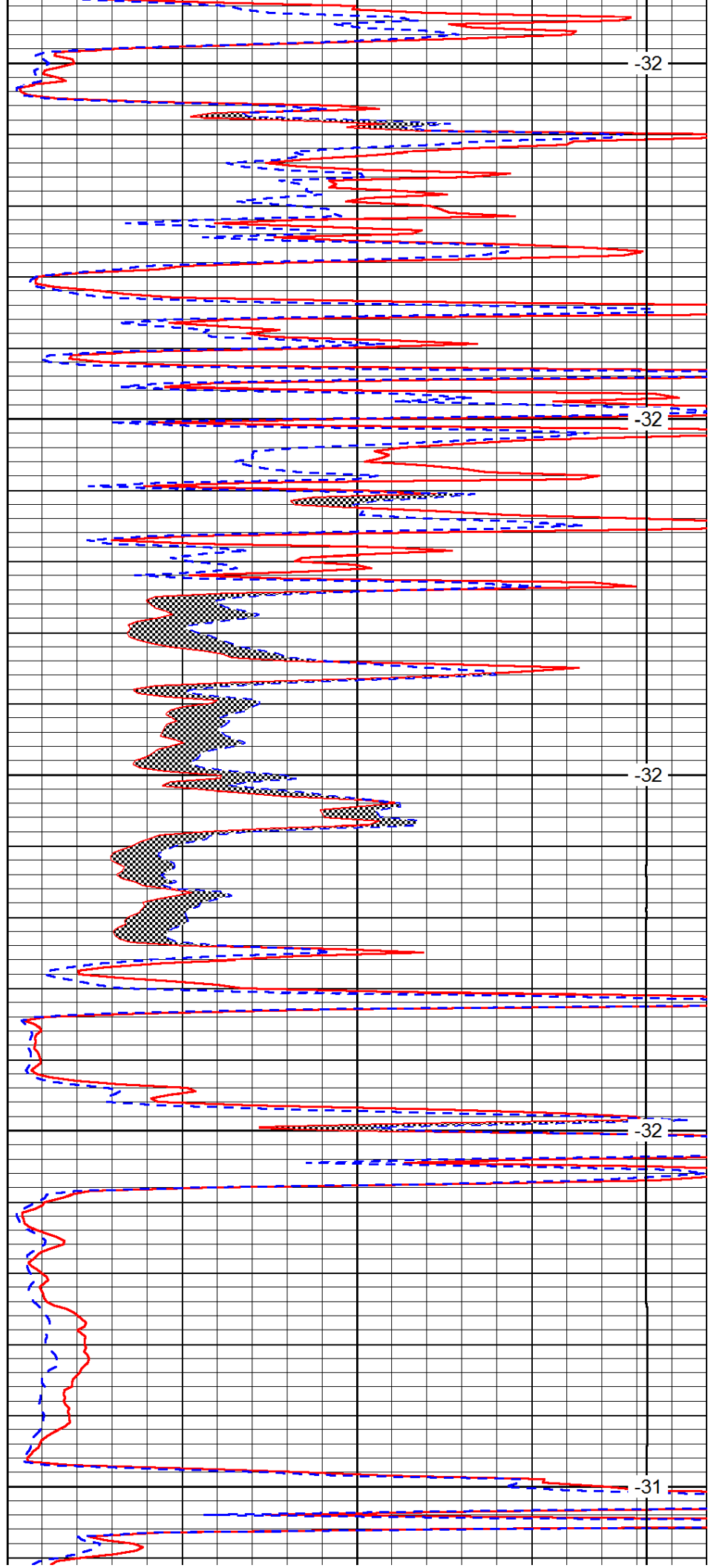
2900

2950

3000

3050

3100



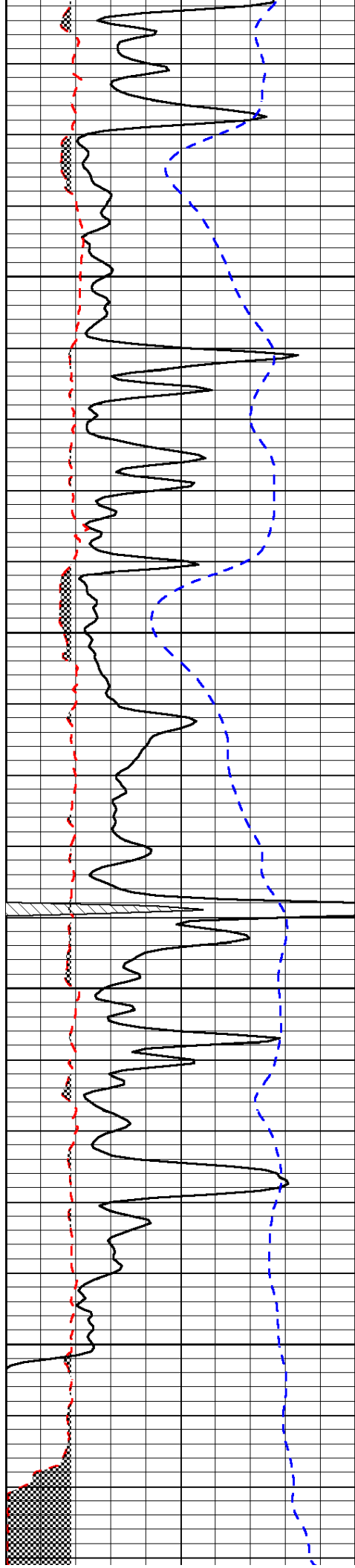
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-32

-32

-32

-31

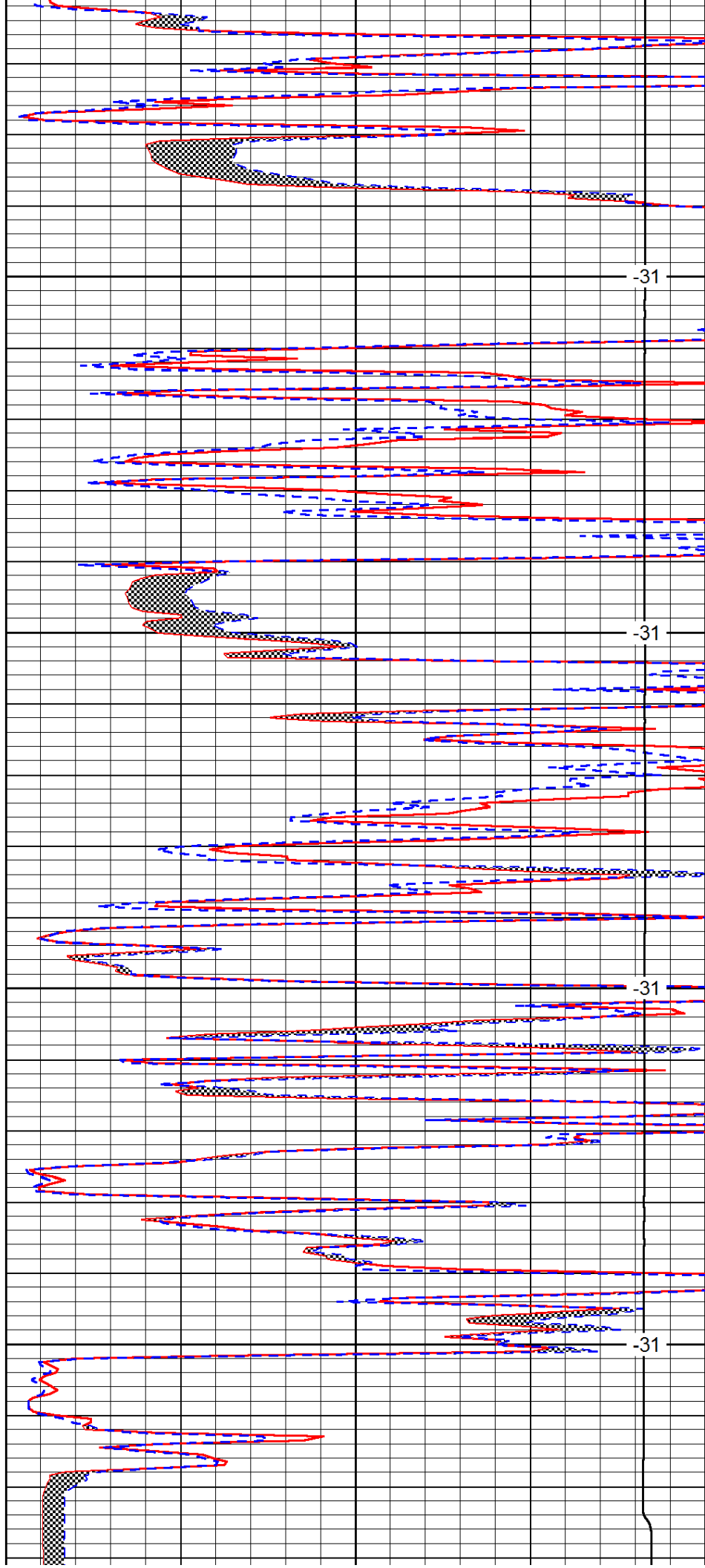


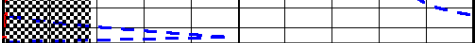
3150

3200

3250

3300



		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

		
0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0
		LSPD