



Microresistivity Log

Pioneer Energy Services

API No.

15-101-22,421-00-00

Company Larson Engineering, Inc.

Well W/R Unit No. 1 - 27

Field Wildcat

County Lane State

Kansas

Location

NE NE SE NE
1485' FNL & 1' FEL

Other Services
CNL/CDL
DIL

Sec: 27

Twp: 18 S

Rge: 29 W

Elevation

Permanent Datum Ground Level
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation 2801
K.B. 2808
D.F. 2801
G.L. 2801

Date

2/15/2013

Run Number

Two

Depth Driller

4645

Depth Logger

4649

Bottom Logged Interval

4648

Top Log Interval

3600

Casing Driller

8.625 @ 281

Casing Logger

278

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity,ppm CL

3000

Density / Viscosity

9.3 67

pH / Fluid Loss

9.5 6.8

Source of Sample

Flowline

Rm @ Meas. Temp

.90 @ 54

Rmf @ Meas. Temp

.68 @ 54

Rmc @ Meas. Temp

1.22 @ 54

Source of Rmf / Rmc

Charts

Rm @ BHT

.40 @ 122

Operating Rig Time

4 1/2 Hours

Max Rec. Temp. F

122

Equipment Number

108

Location

Hays

Recorded By

D. Martin

Witnessed By

Vern Schrag

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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

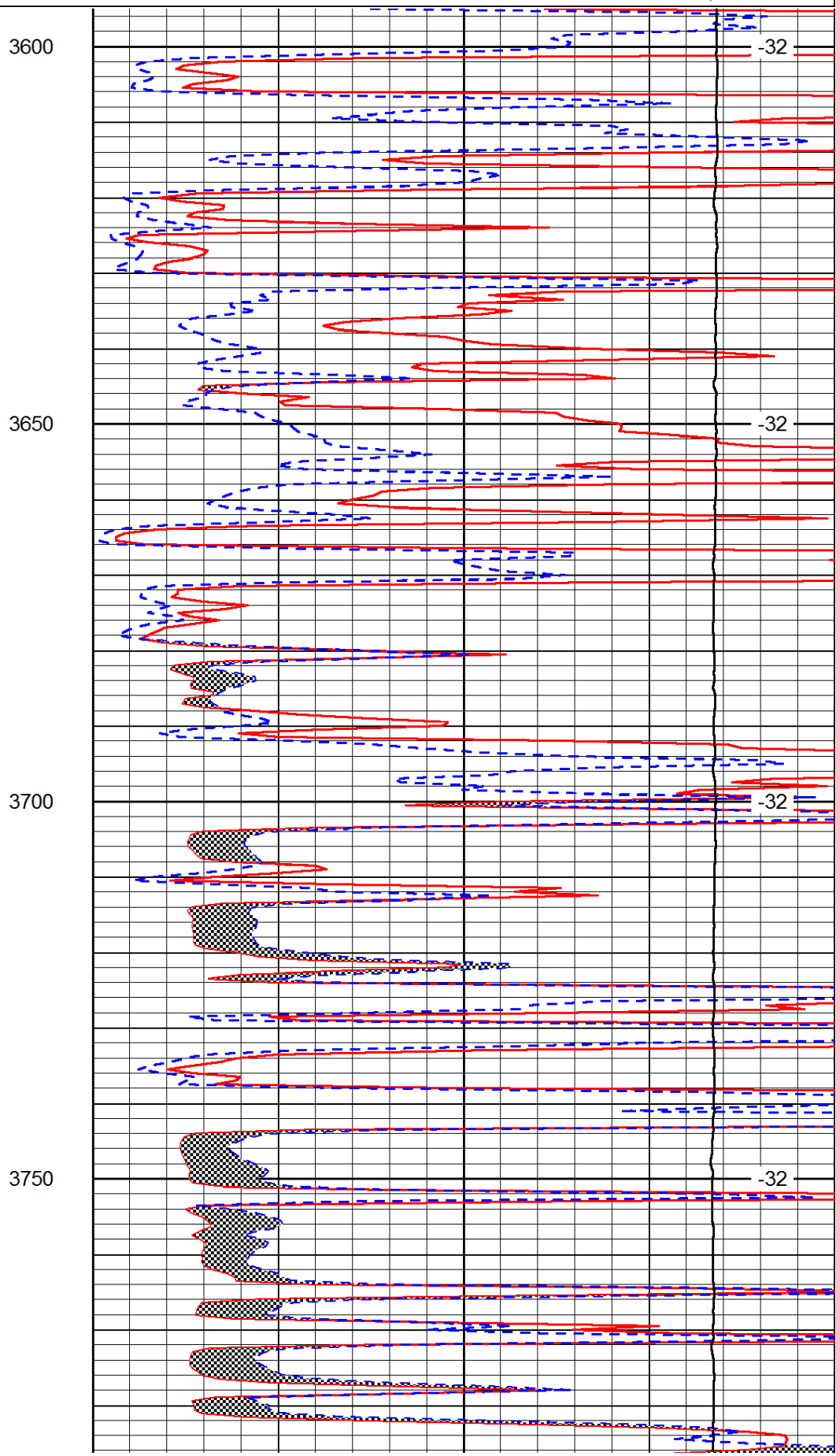
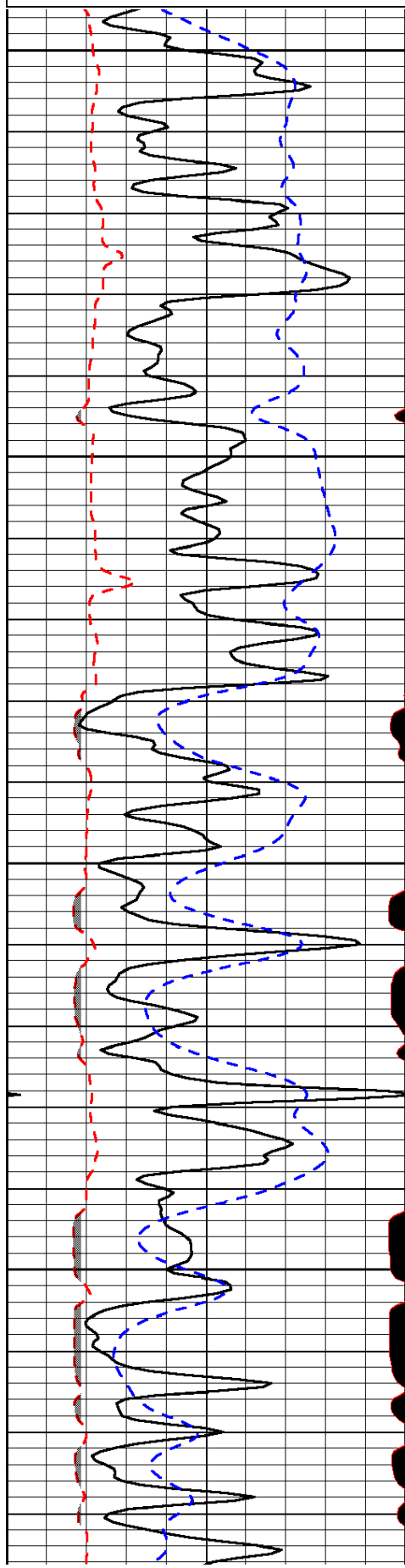
Thank you for using Log-Tech, Inc.
(785) 625-3858

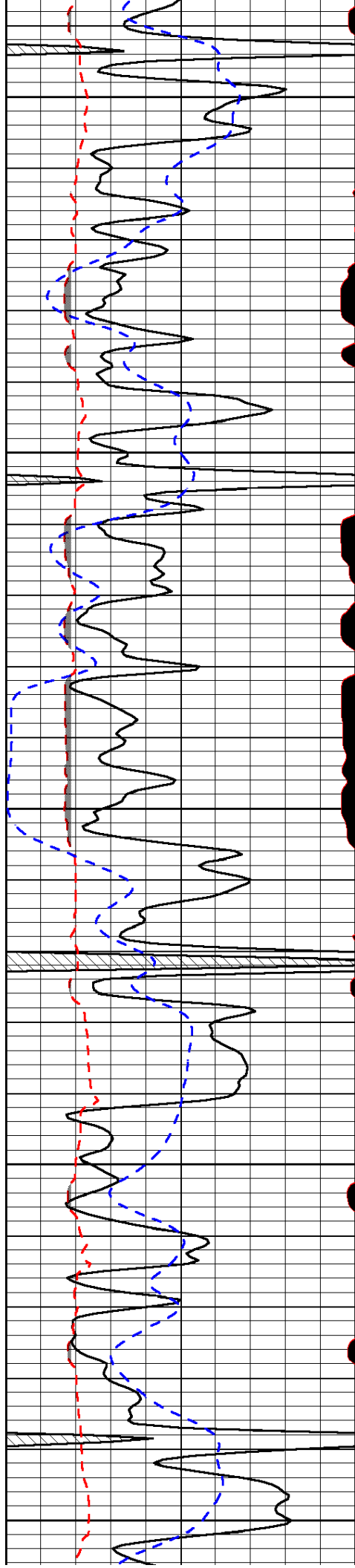
Dighton, KS
2 S to 130 Rd., 2 W, N Into

Database File: larshd.db
Dataset Pathname: DIL/larstk
Presentation Format: micro
Dataset Creation: Fri Feb 15 23:24:39 2013
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.10		
0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0
		LSPD (ft/min)





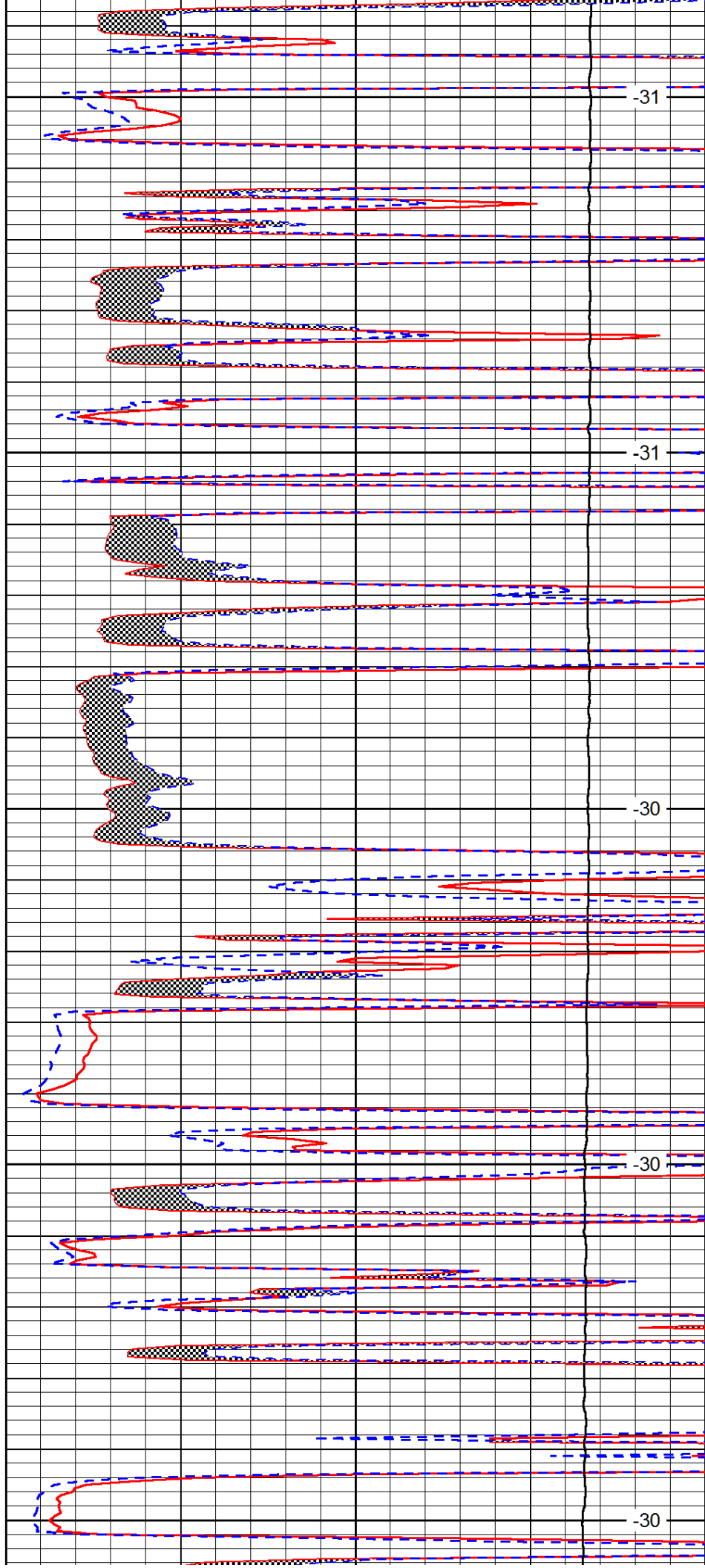
3800

3850

3900

3950

4000



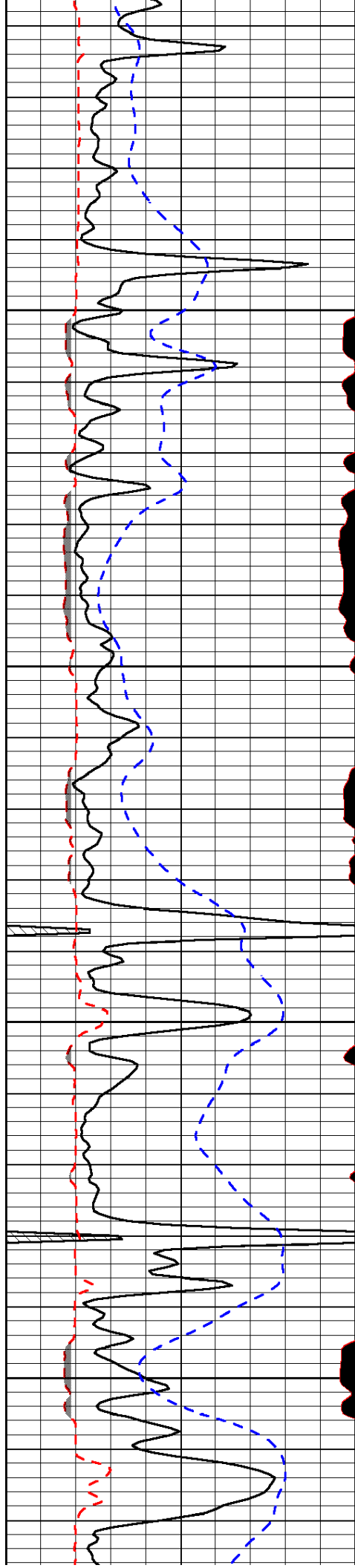
-31

-31

-30

-30

-30

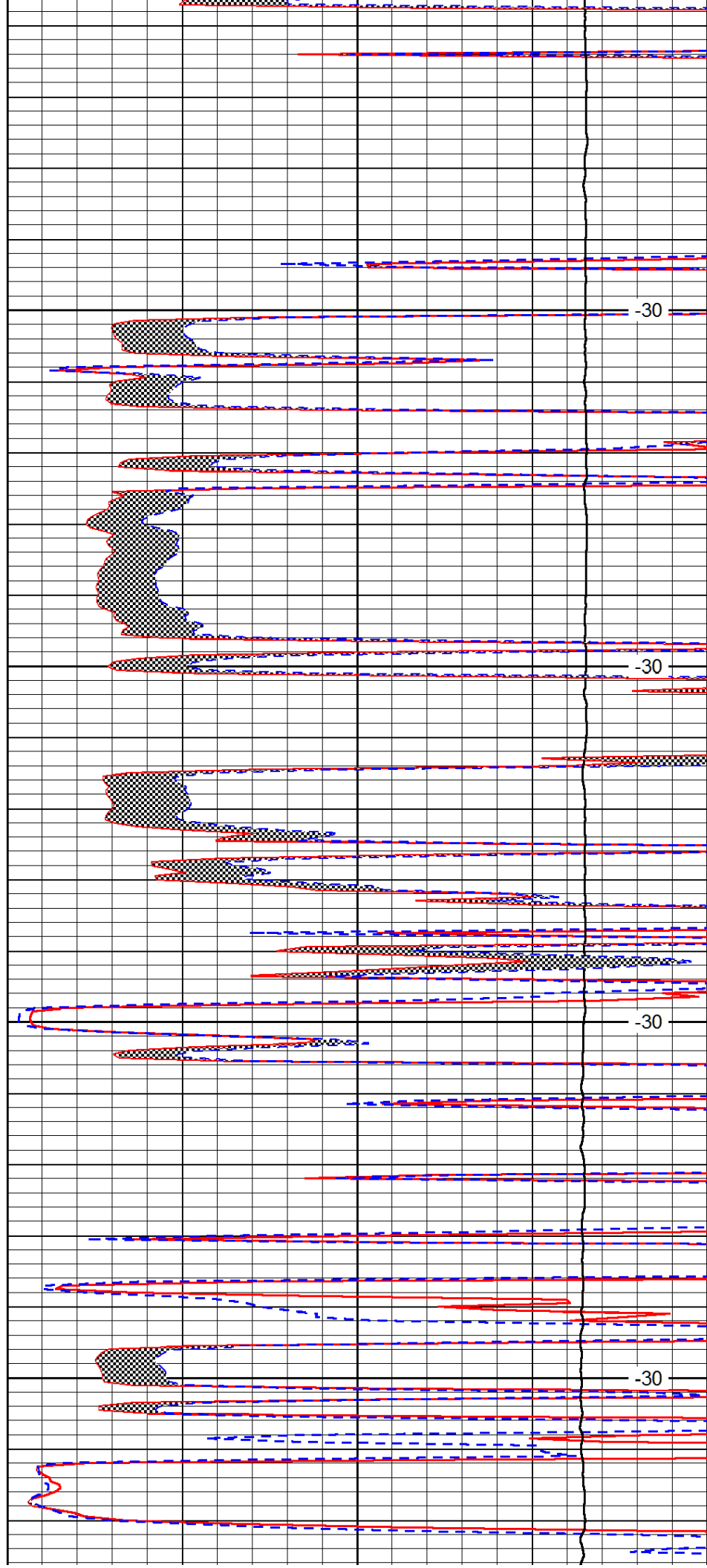


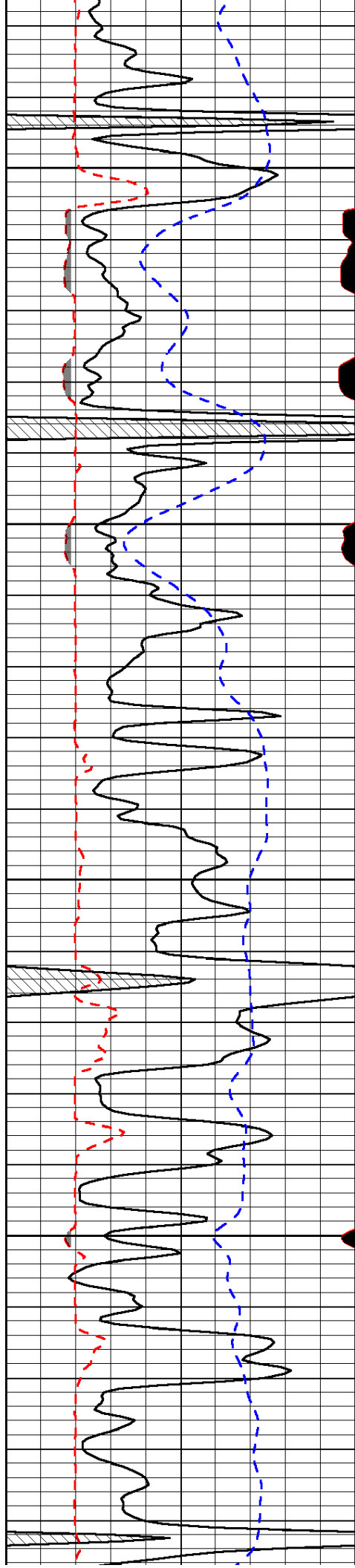
4050

4100

4150

4200



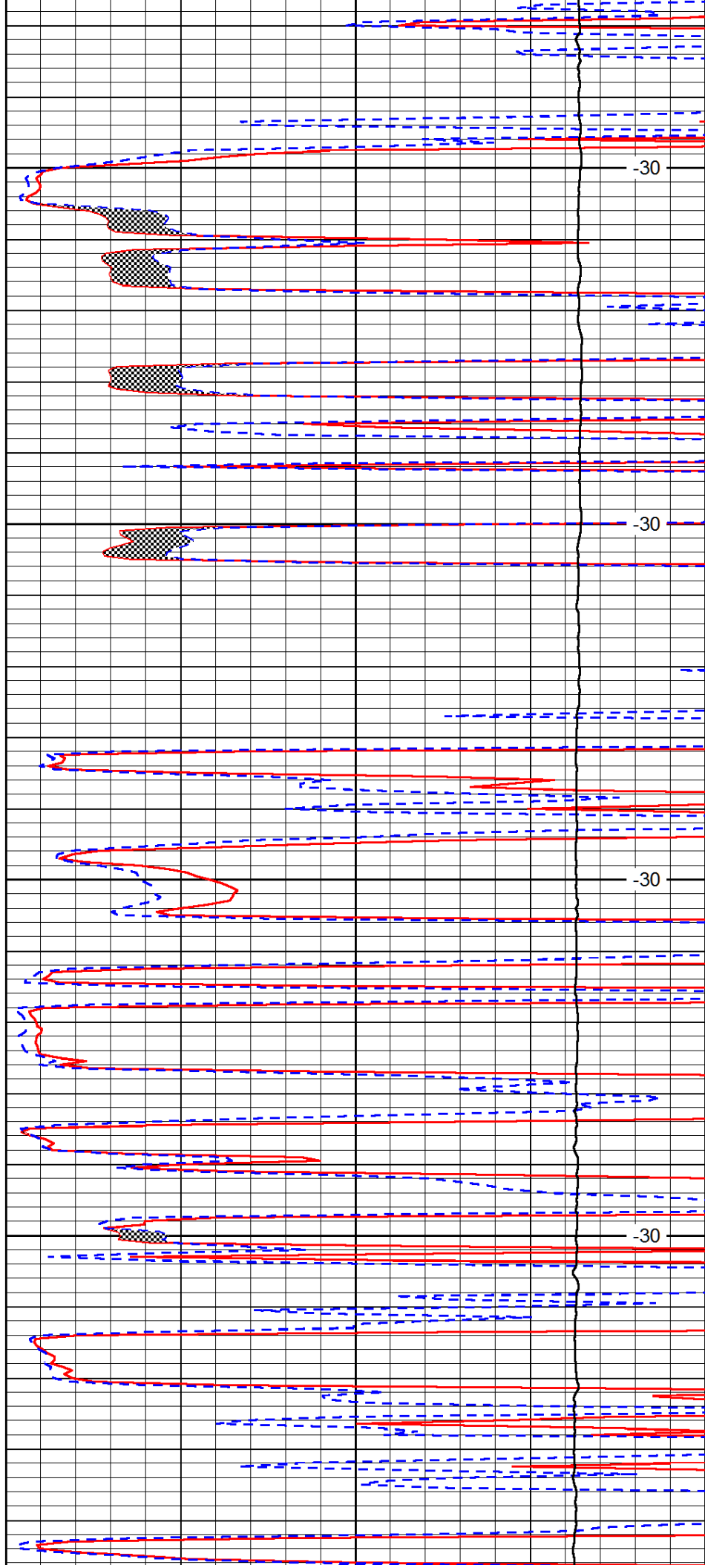


4250

4300

4350

4400

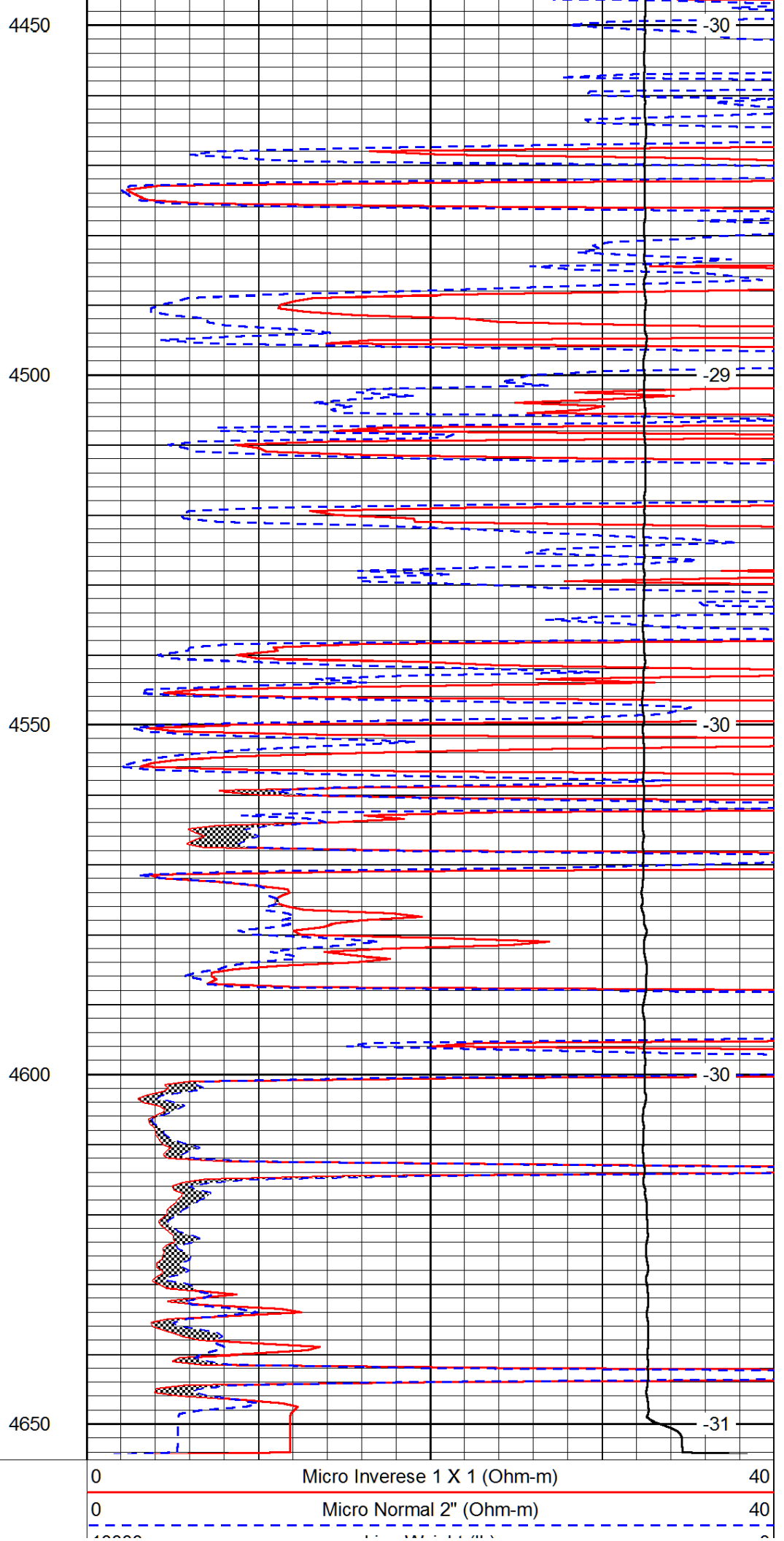
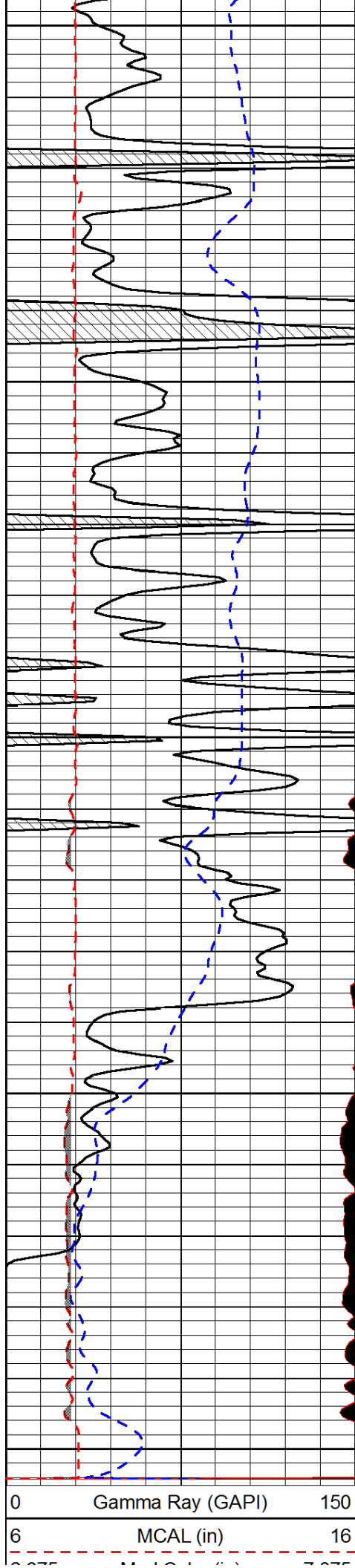


-30

-30

-30

-30



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