



Microresistivity Log

Pioneer Energy Services

API No.

15-171-21,073-00-00

Company Murfin Drilling Company, Inc.

Well DAMW #1-11

Field Wildcat

County Scott

State

Kansas

Location

2305' FSL & 990' FEL

Sec: 11

Twp: 17S

Rge: 33W

Elevation

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

11 Ft. Above Perm. Datum

K.B. 3018
D.F.
G.L. 3007

Date

12/9/2014

Run Number

Two

Depth Driller

4818

Depth Logger

4815

Bottom Logged Interval

4814

Top Log Interval

3600

Casing Driller

8.625 @ 253

Casing Logger

257

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

5800

Density / Viscosity

9.2 55

pH / Fluid Loss

10.0 7.2

Source of Sample

Flowline

Rm @ Meas. Temp

0.65 @ 60

Rmf @ Meas. Temp

0.49 @ 60

Rmc @ Meas. Temp

0.88 @ 60

Source of Rmf / Rmc

Charts

Rm @ BHT

0.31 @ 124

Operating Rig Time

5 1/2 Hours

Max Rec. Temp. F

124

Equipment Number

15

Location

Hays

Recorded By

D.Kerr

Witnessed By

Larry Nicholson

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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

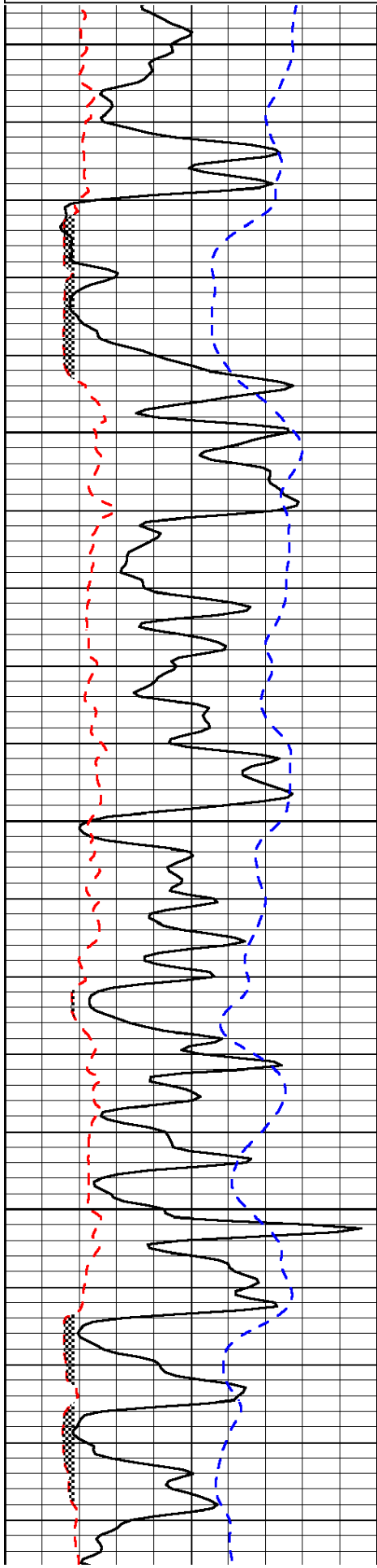
Scott City KS, 8 North to HWY 4,
1 West, 1/2 South, West and North Into

Database File: c:\warrior\data\murfin_damw #1-11\murfin_damw_1_11hd.db
Dataset Pathname: DIL\murstk
Presentation Format: micro
Dataset Creation: Tue Dec 09 20:27:36 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	MCAL (GAPI)	16
-200	SP (mV)	0

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

LSPD

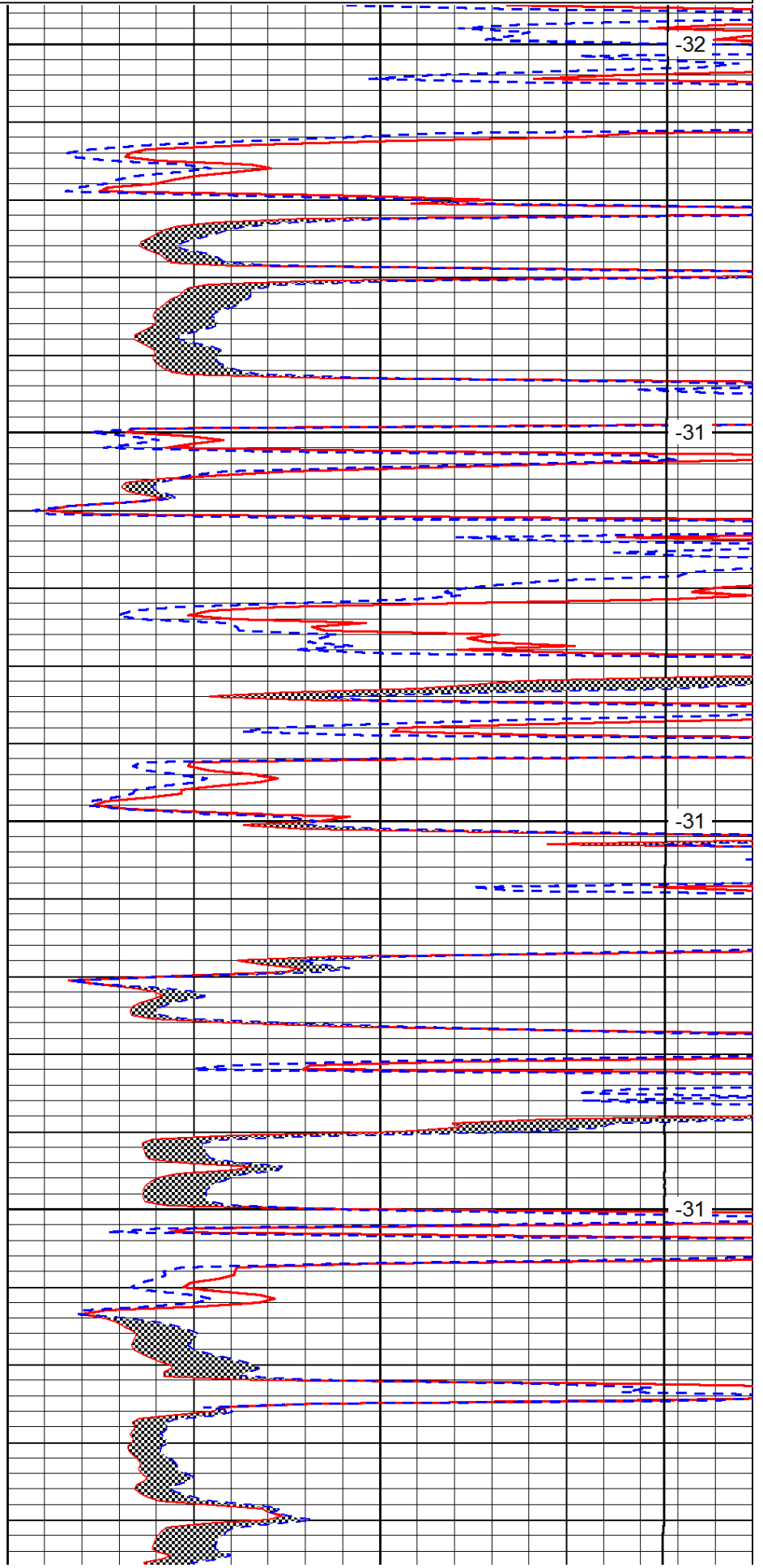


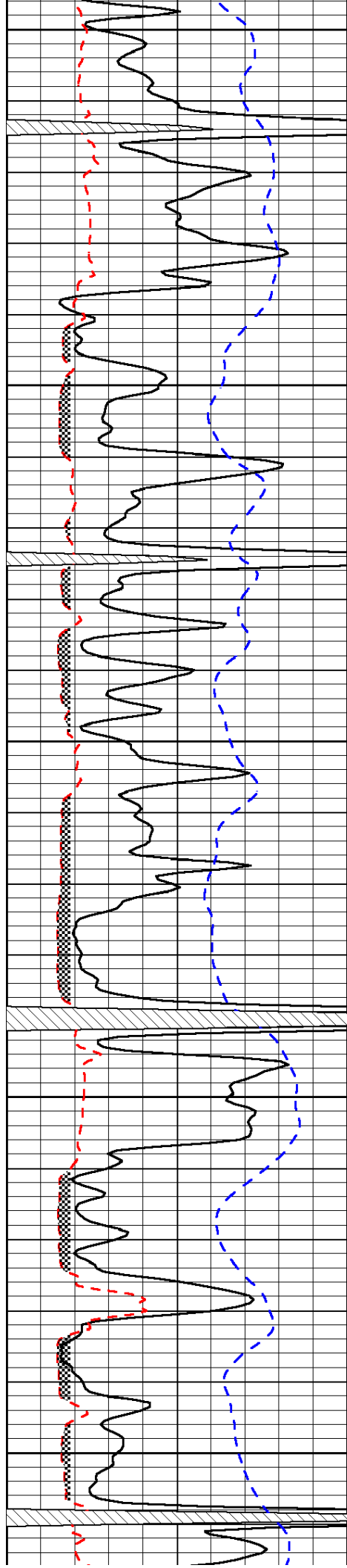
3600

3650

3700

3750





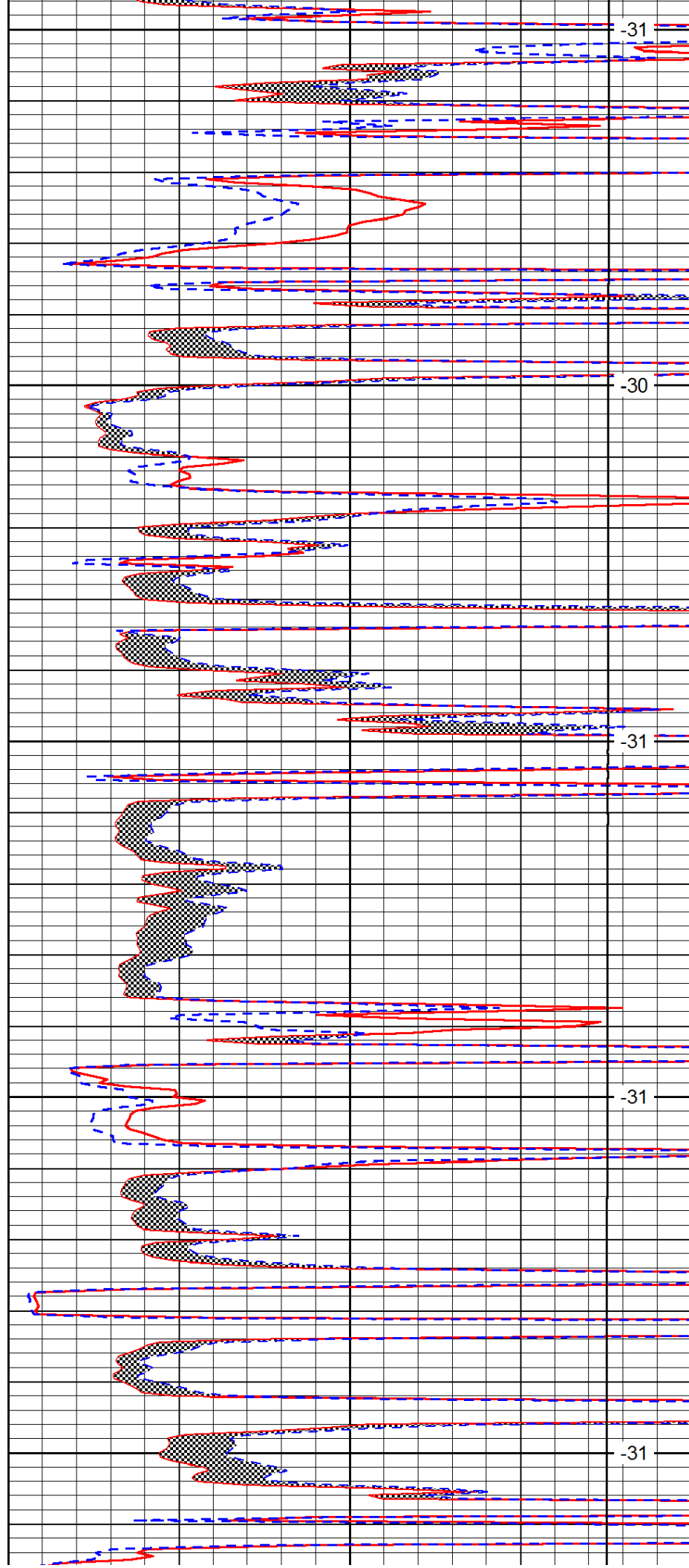
3800

3850

3900

3950

4000



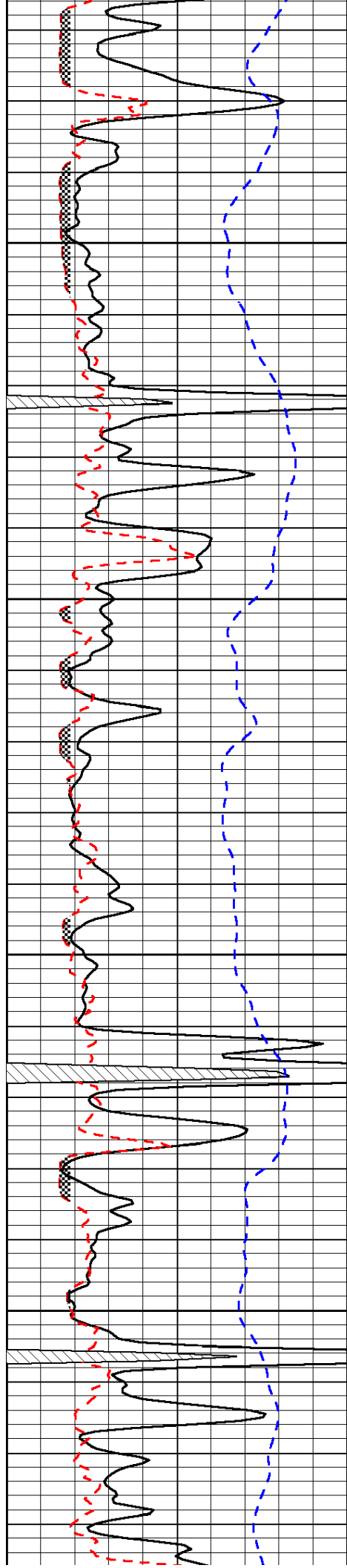
-31

-30

-31

-31

-31

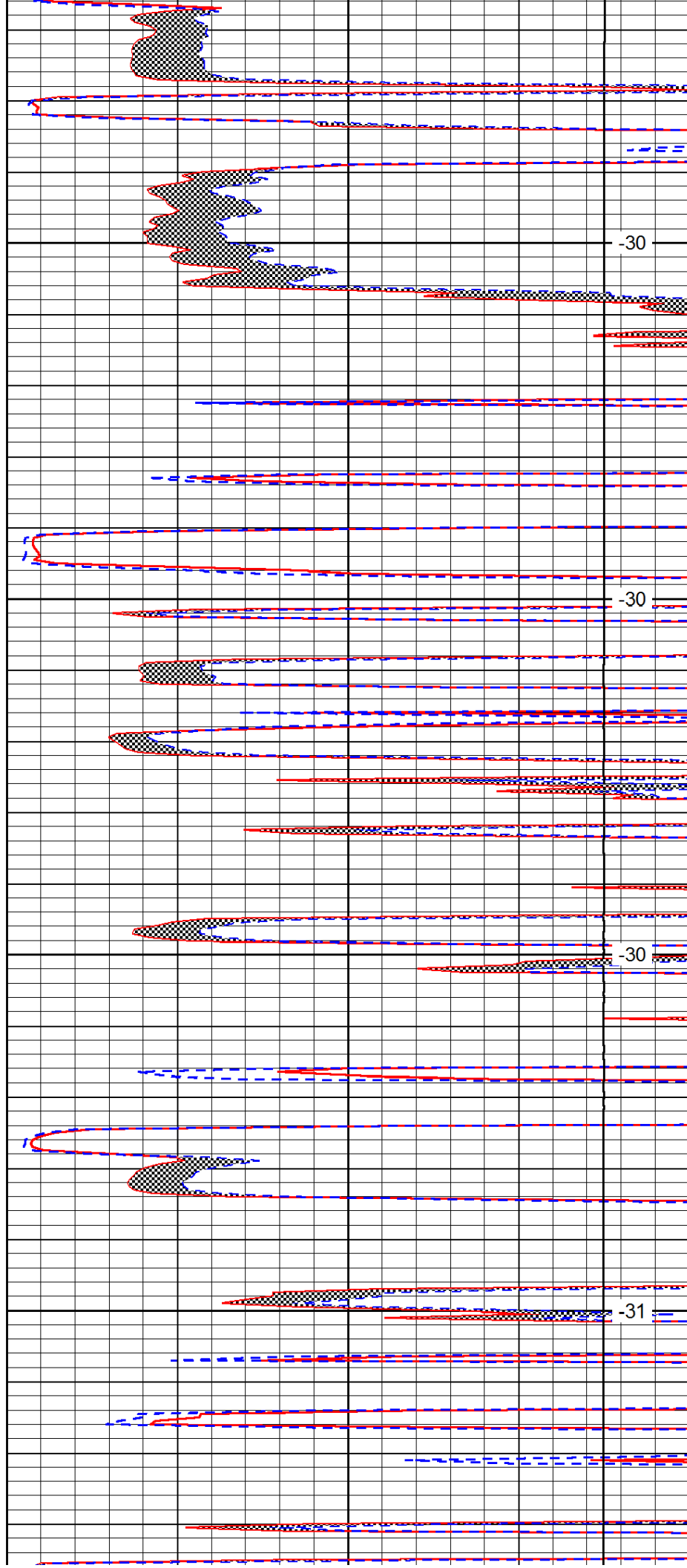


4050

4100

4150

4200

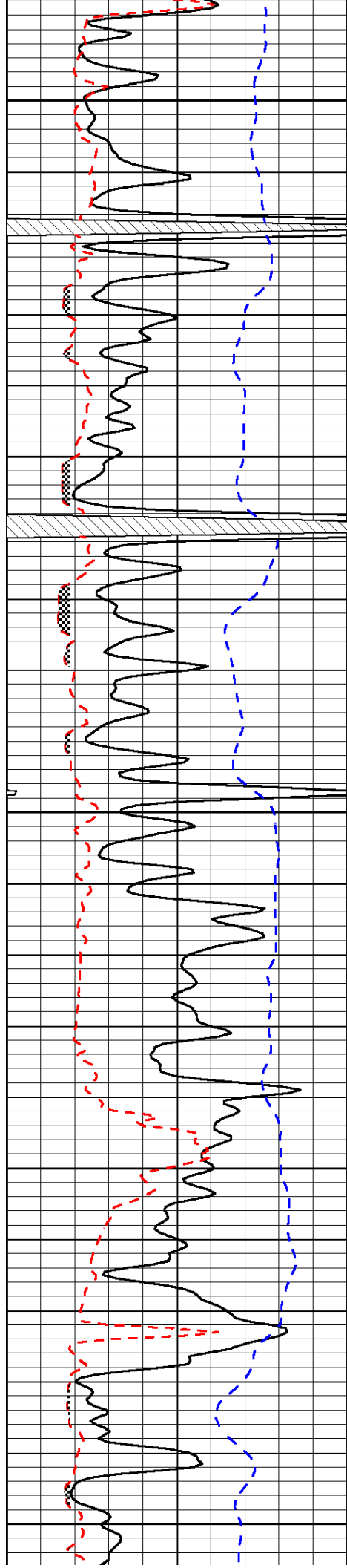


-30

-30

-30

-31



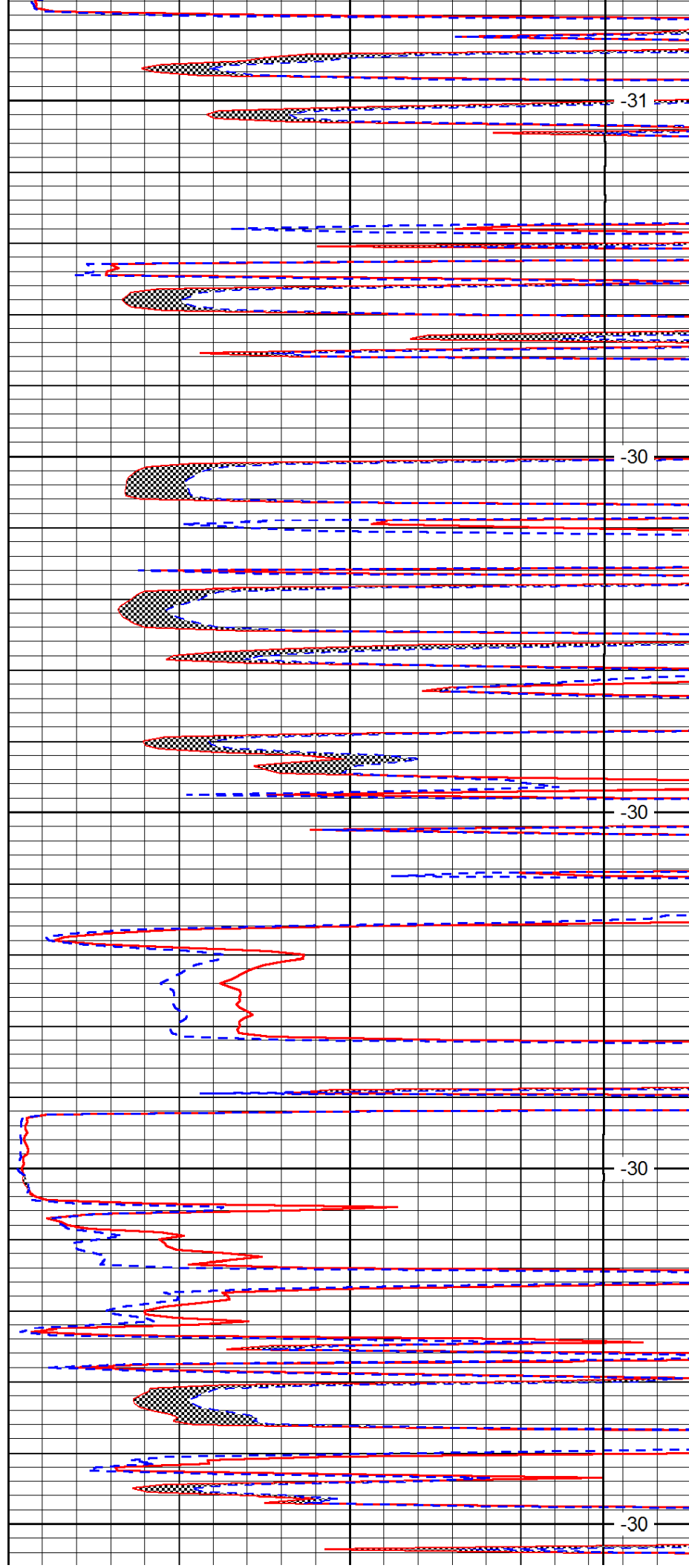
4250

4300

4350

4400

4450



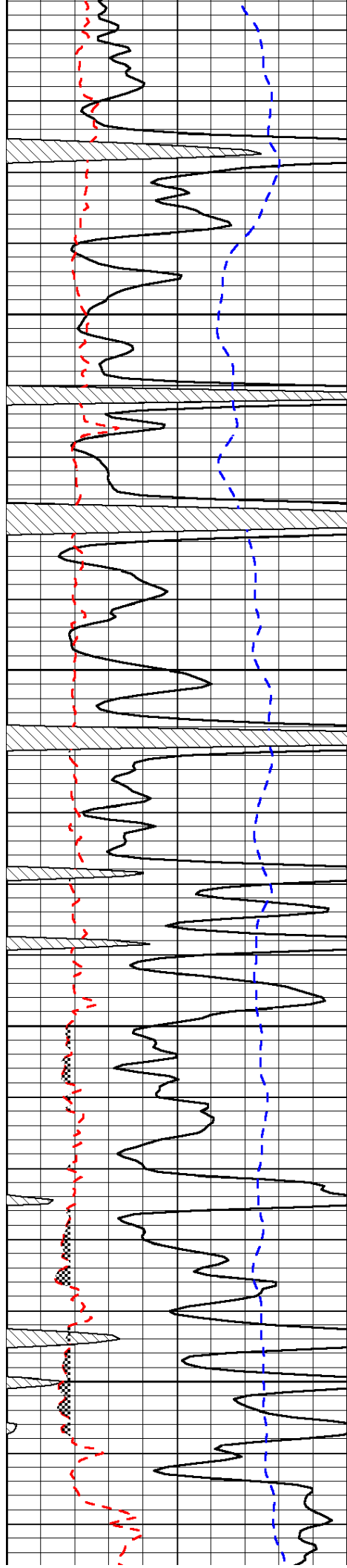
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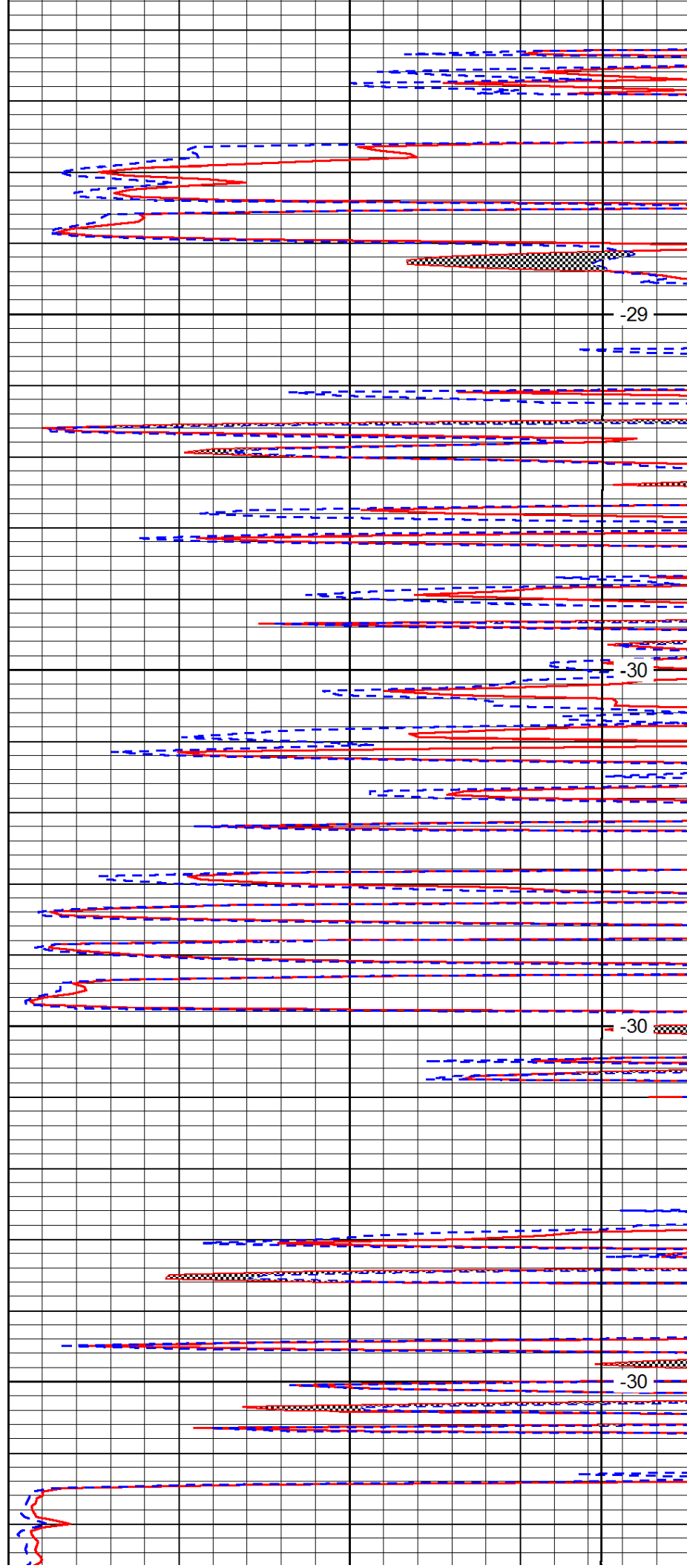


4500

4550

4600

4650

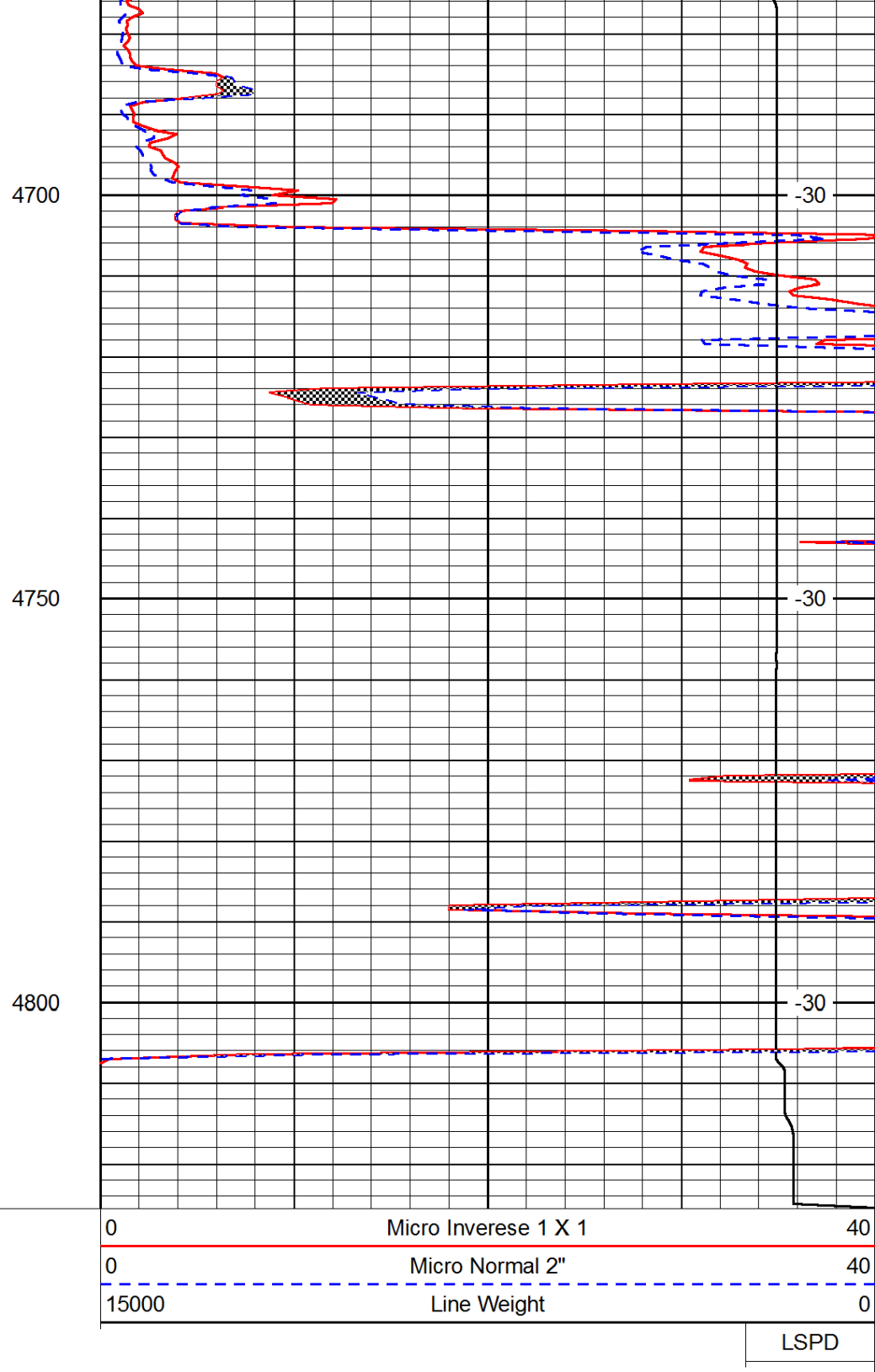
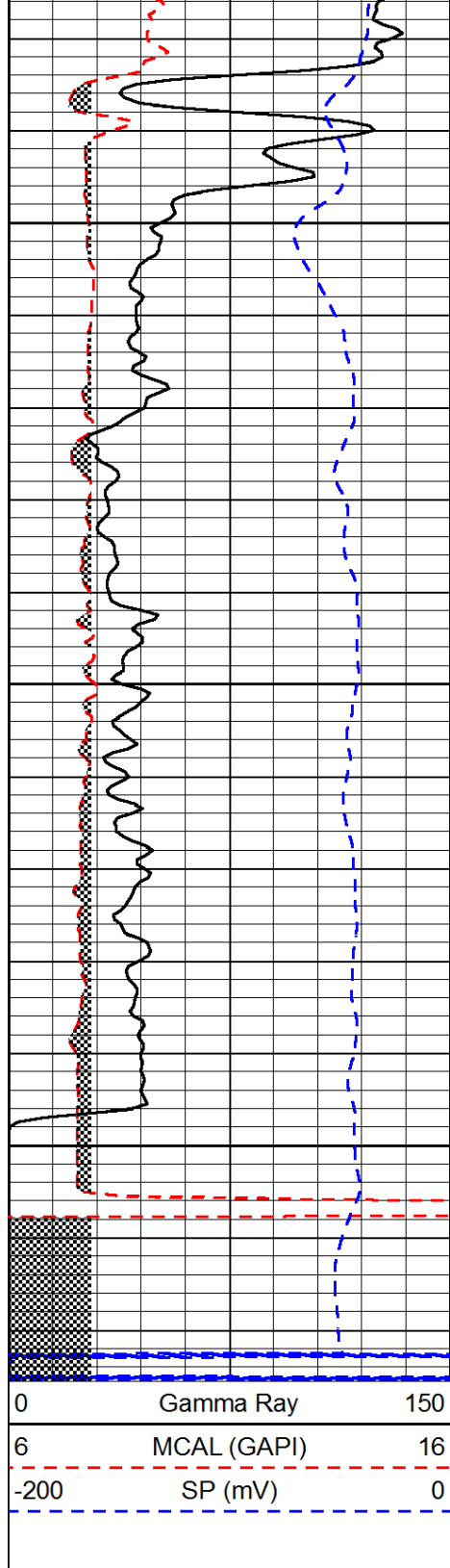


-29

-30

-30

-30



LSPD