



Pioneer Energy Services

Microresistivity Log

API No.

15-065-24,075-00-00

Company Chisholm Partners II, LLC

Well Parks No.7-1

Field J.A.B West

County Graham

State

Kansas

Location

1980' FSL & 1980' FWL

Other Services
CNL/CDL
DIL/BHCS

Sec: 7

Twp: 7S

Rge: 23W

Elevation

Permanent Datum Ground Level Elevation 2469
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2477
D.F.
G.L. 2469

Date

12/4/2014

Run Number

Two

Depth Driller

4000

Depth Logger

3997

Bottom Logged Interval

3996

Top Log Interval

3400

Casing Driller

8.625 @ 305

Casing Logger

304

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity, ppm CL

1.800

Density / Viscosity

9.3 48

pH / Fluid Loss

10.0 7.4

Source of Sample

Flowline

Rm @ Meas. Temp

1.6 @ 65

Rmf @ Meas. Temp

1.2 @ 65

Rmc @ Meas. Temp

2.16 @ 65

Source of Rmf / Rmc

Charts

Rm @ BHT

.9 @ 116

Operating Rig Time

4 Hours

Max Rec. Temp. F

116

Equipment Number

51

Location

Hays

Recorded By

C. Desaire

Witnessed By

Jeff Lawler

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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

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(785) 625-3858

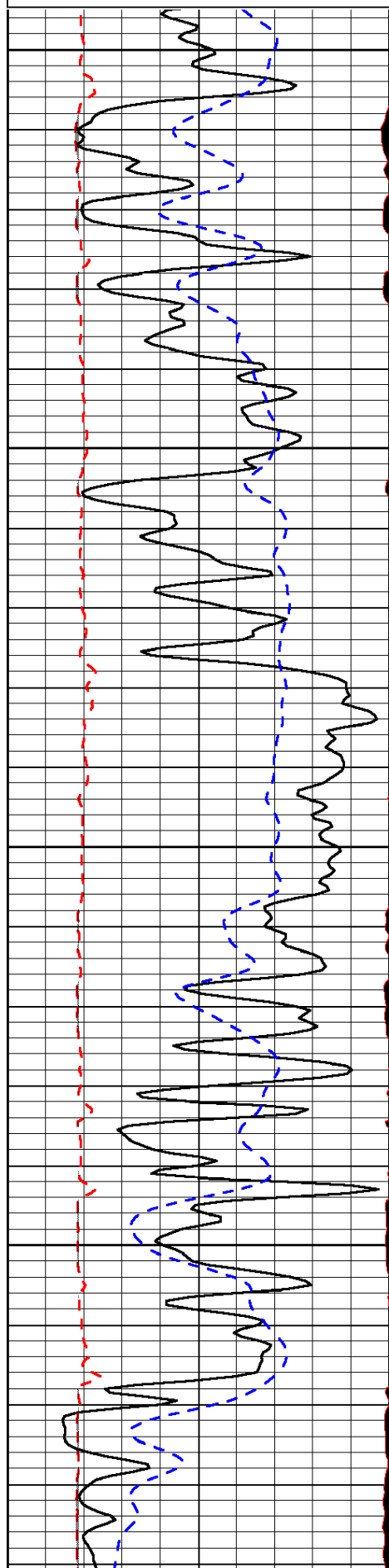
Hill City KS, W to 240th Rd, 6 N to W Rd,
1 1/2 W, N Into

Database File: cphd.db
Dataset Pathname: dil/cpstk
Presentation Format: micro
Dataset Creation: Thu Dec 04 16:58:43 2014
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 (mV)	0

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

LSPD

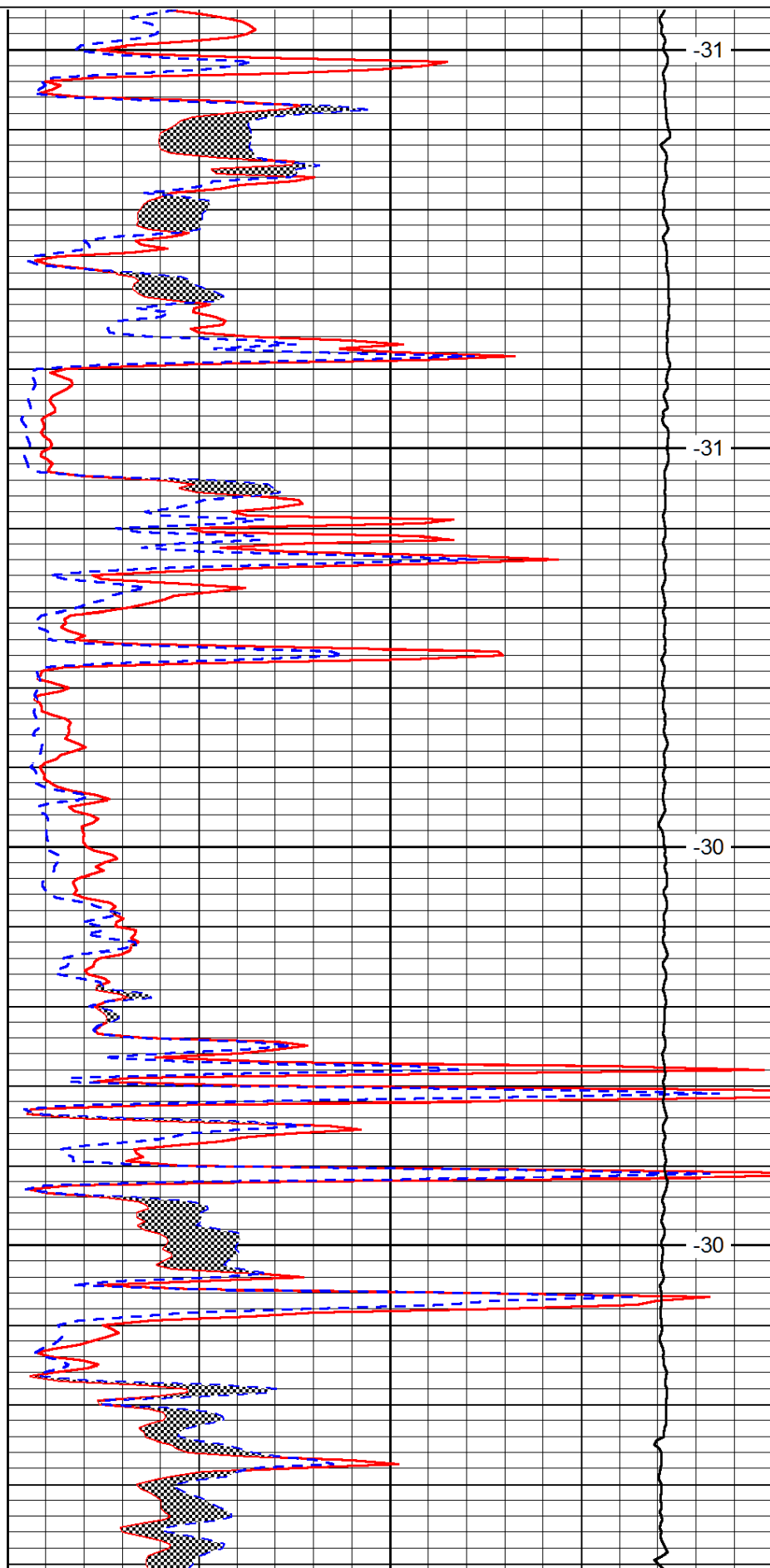


3400

3450

3500

3550

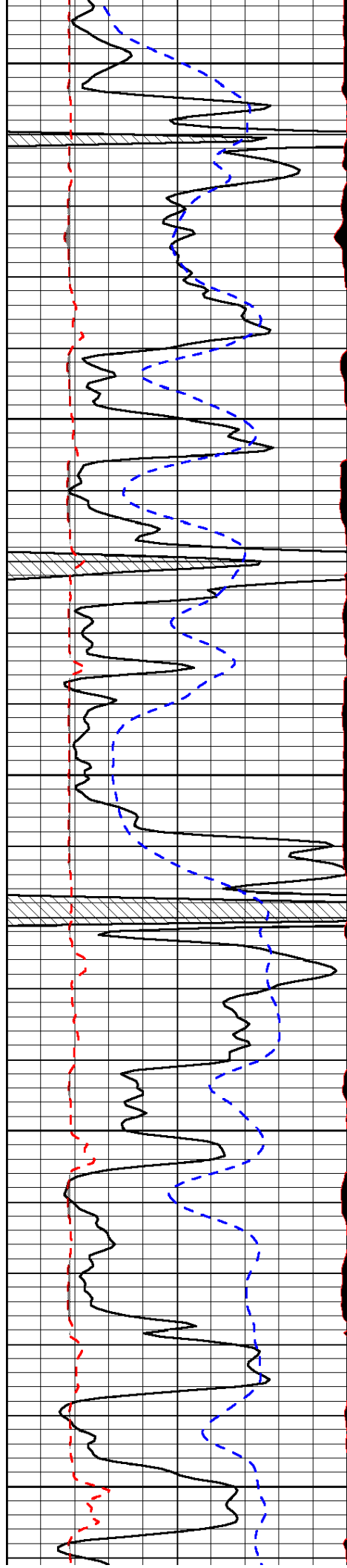


-31

-31

-30

-30



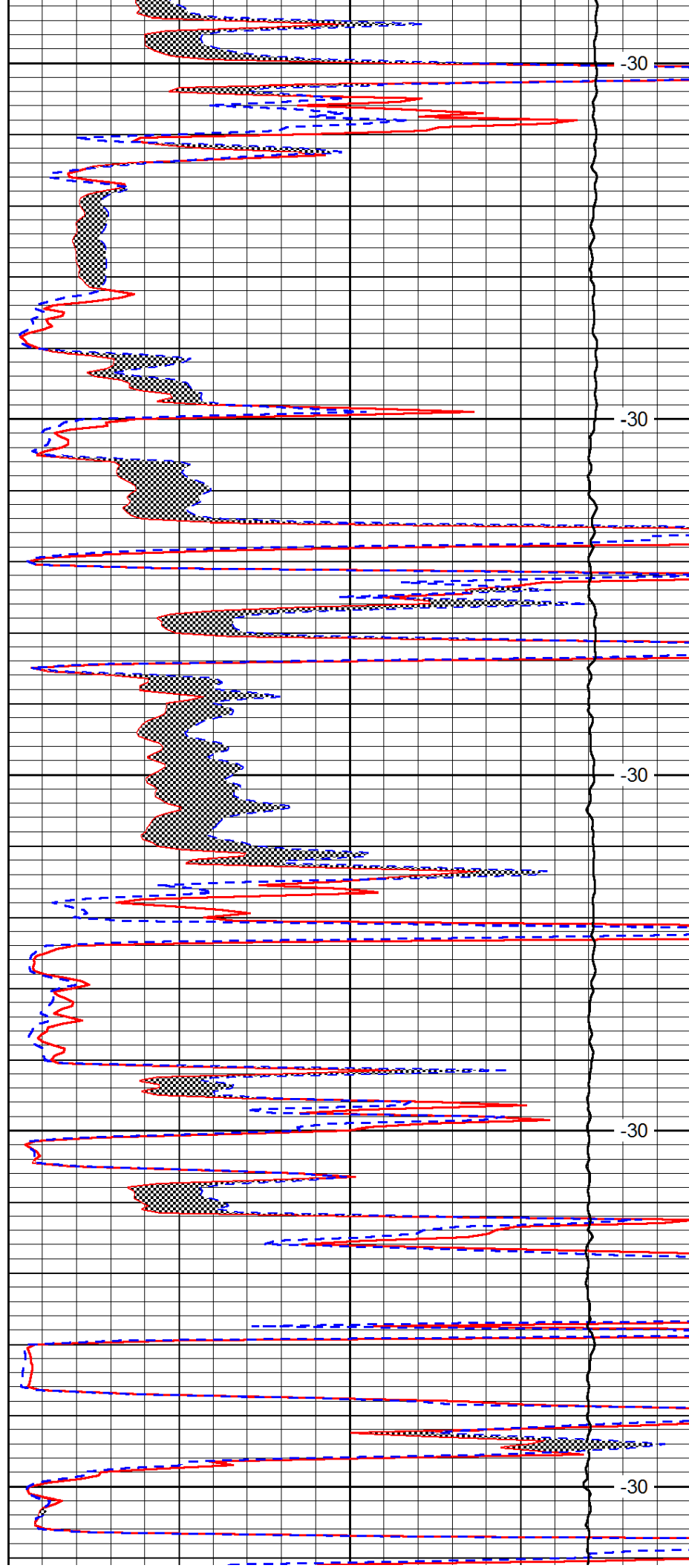
3600

3650

3700

3750

3800



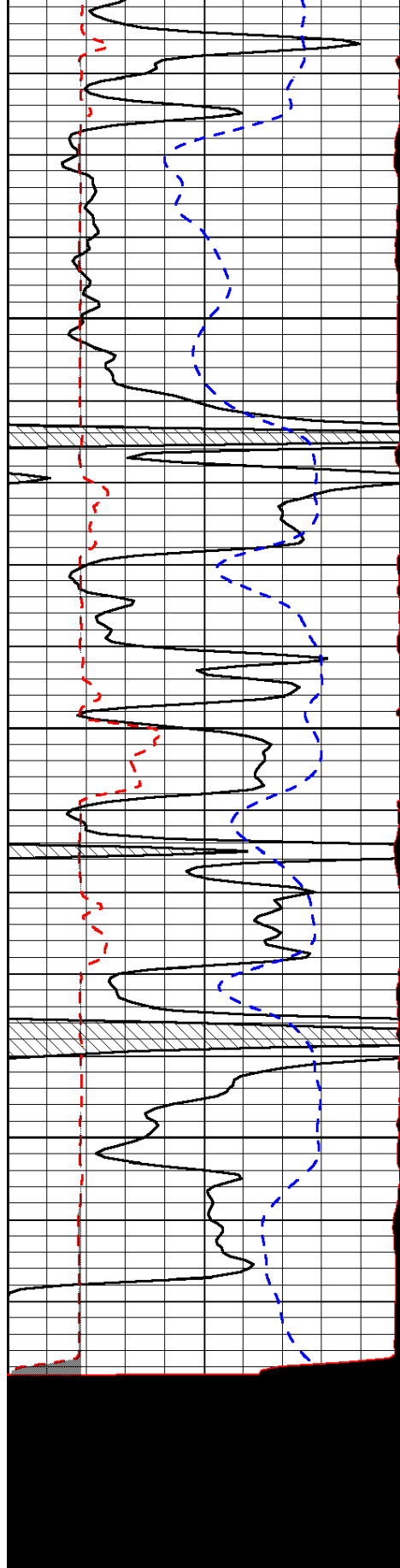
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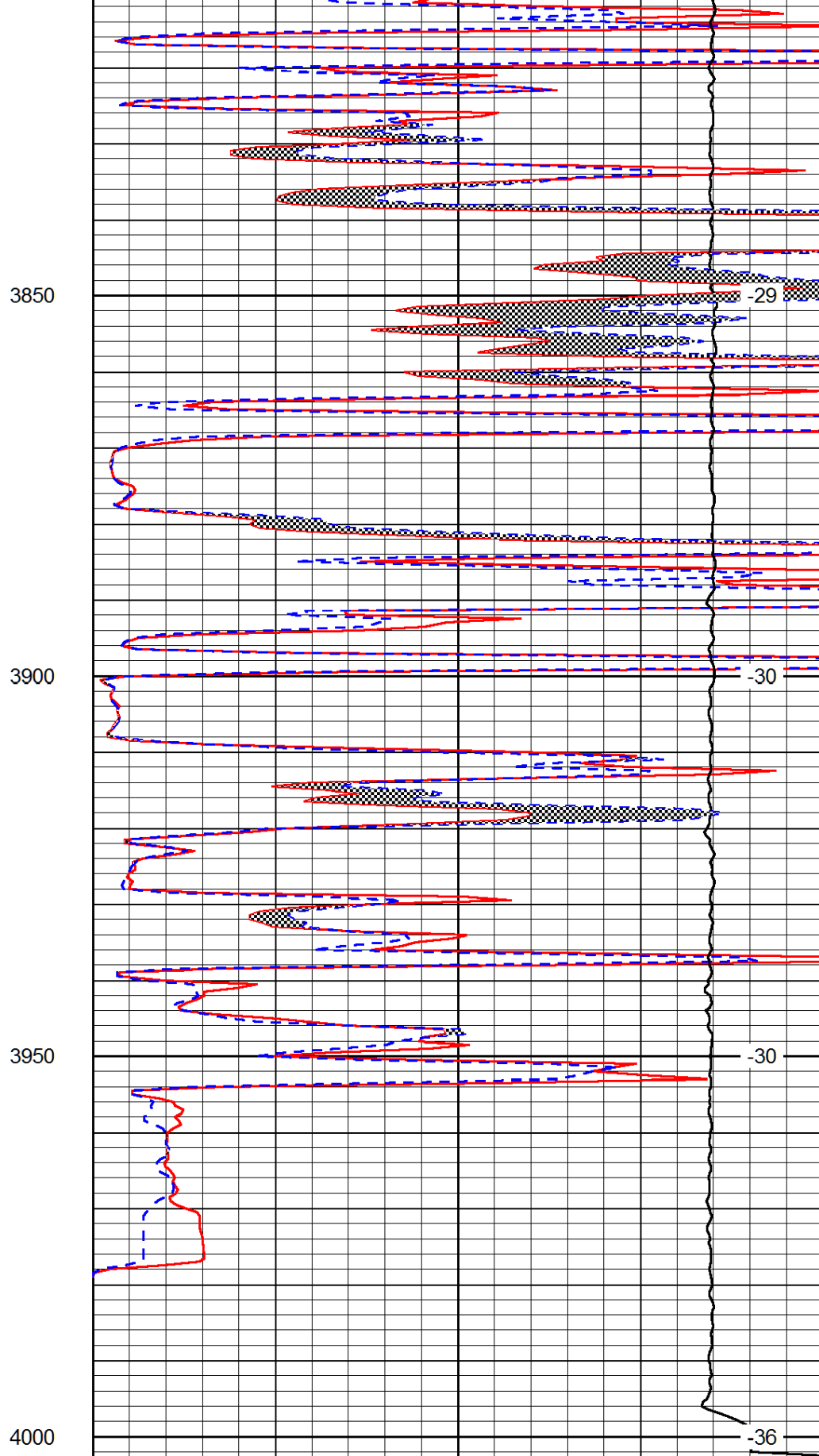
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