



Microresistivity Log

Pioneer Energy Services

API No.

15-063-22, 105-00-00

Company H & C Oil Operating, Inc.

Well Bentley-Rover Unit No.29-1

Field Wildcat

County

Gove

State

Kansas

Location

2310' FNL & 2640' FEL

Sec: 29

Twp: 15S

Rge: 27W

Elevation

Permanent Datum Ground Level

K.B. 2472

Log Measured From Kelly Bushing

D.F. 2461

Drilling Measured From Kelly Bushing

G.L. 2461

Date

8/1/2013

Run Number

Two

Depth Driller

4370

Depth Logger

4372

Bottom Logged Interval

4371

Top Log Interval

3550

Casing Driller

8.625 @ 266

Casing Logger

266

Bit Size

7.875

Type Fluid in Hole

Chemical

Salinity,ppm CL

3,000

Density / Viscosity

9.4 62

pH / Fluid Loss

9.5 8.8

Source of Sample

Flowline

Rm @ Meas. Temp

.75 @ 84

Rmf @ Meas. Temp

.56 @ 84

Rmc @ Meas. Temp

1.01 @ 84

Source of Rmf / Rmc

Charts

Rm @ BHT

.53 @ 120

Operating Rig Time

4 Hours

Max Rec. Temp. F

120

Equipment Number

17

Location

Hays

Recorded By

C. Desaire

Witnessed By

Marc Downing

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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.

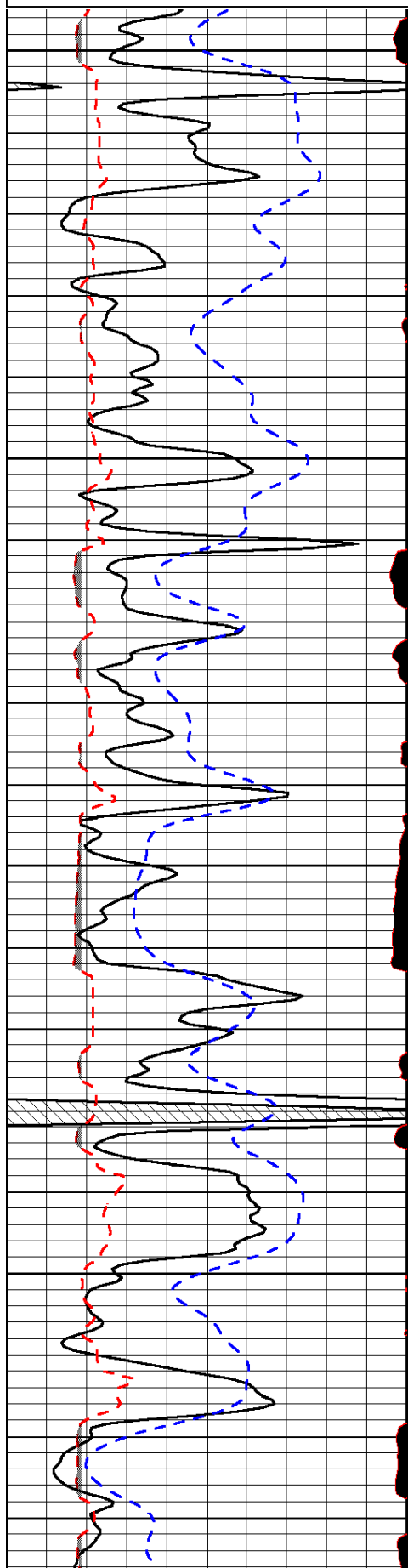
Comments

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

Pendennis KS, E Edge,
N on Red Chief Rd to B Rd,
1/2 WNW, N Into

Database File: hchd.db
Dataset Pathname: dil/hcstk
Presentation Format: micro
Dataset Creation: Thu Aug 01 19:17:17 2013
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0



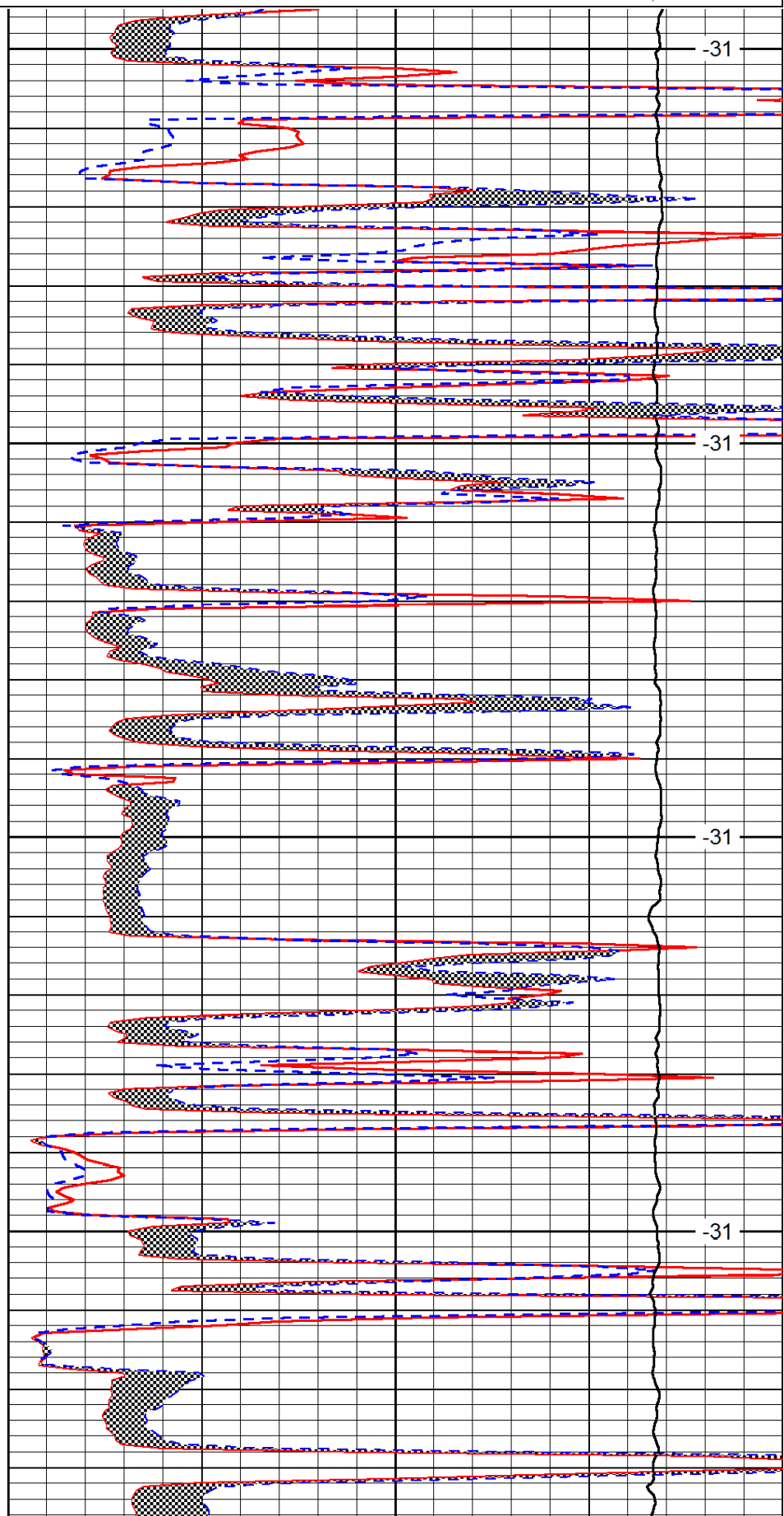
3550

3600

3650

3700

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

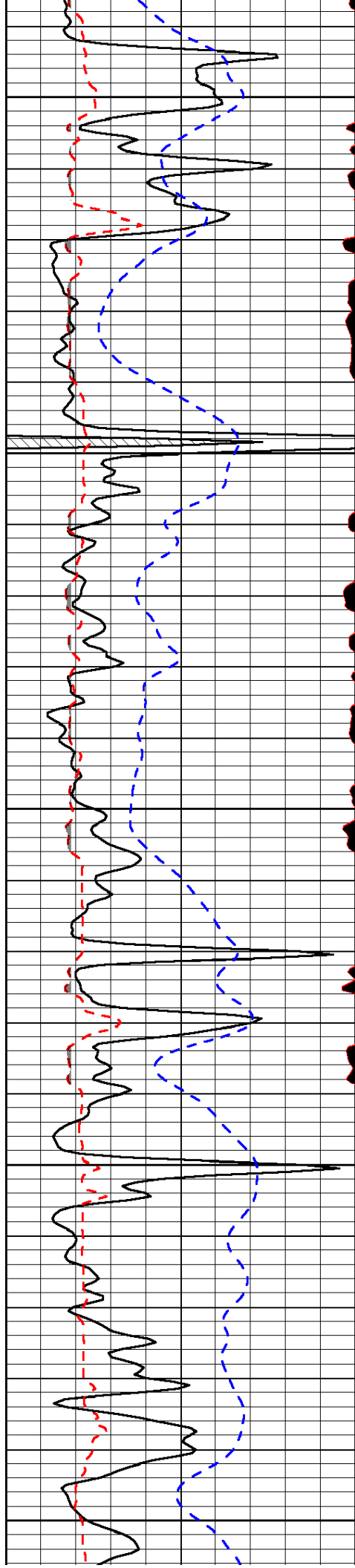


-31

-31

-31

-31



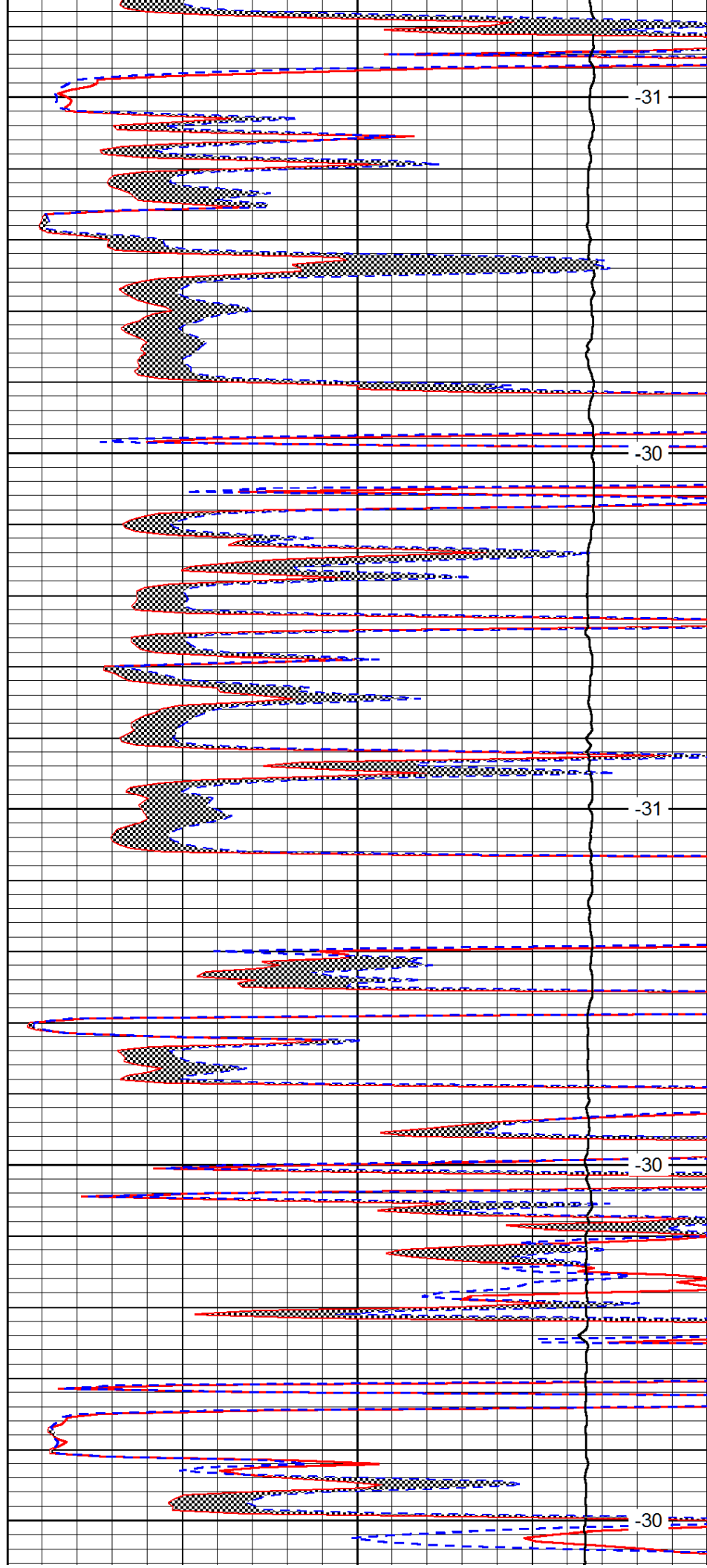
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3800

3850

3900

3950



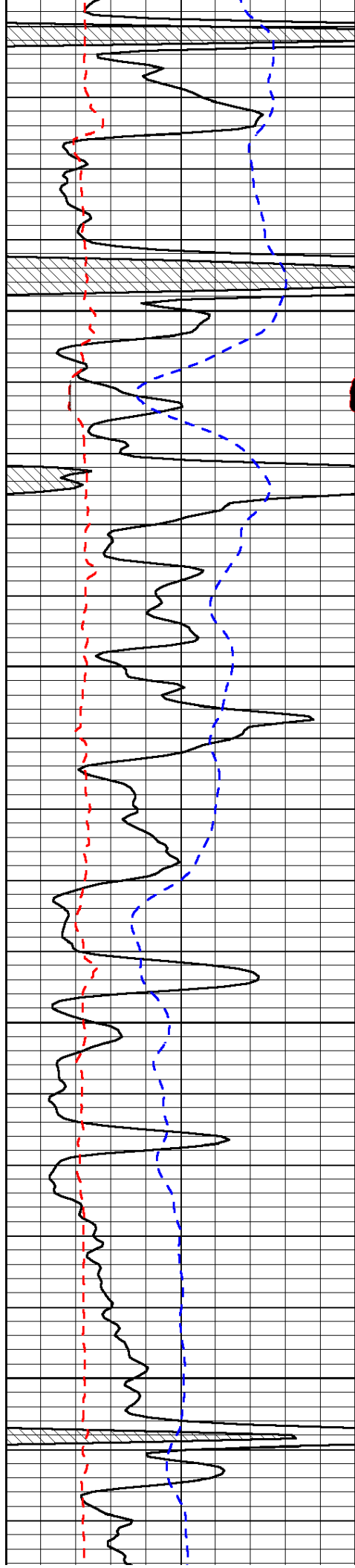
-31

-30

-31

-30

-30

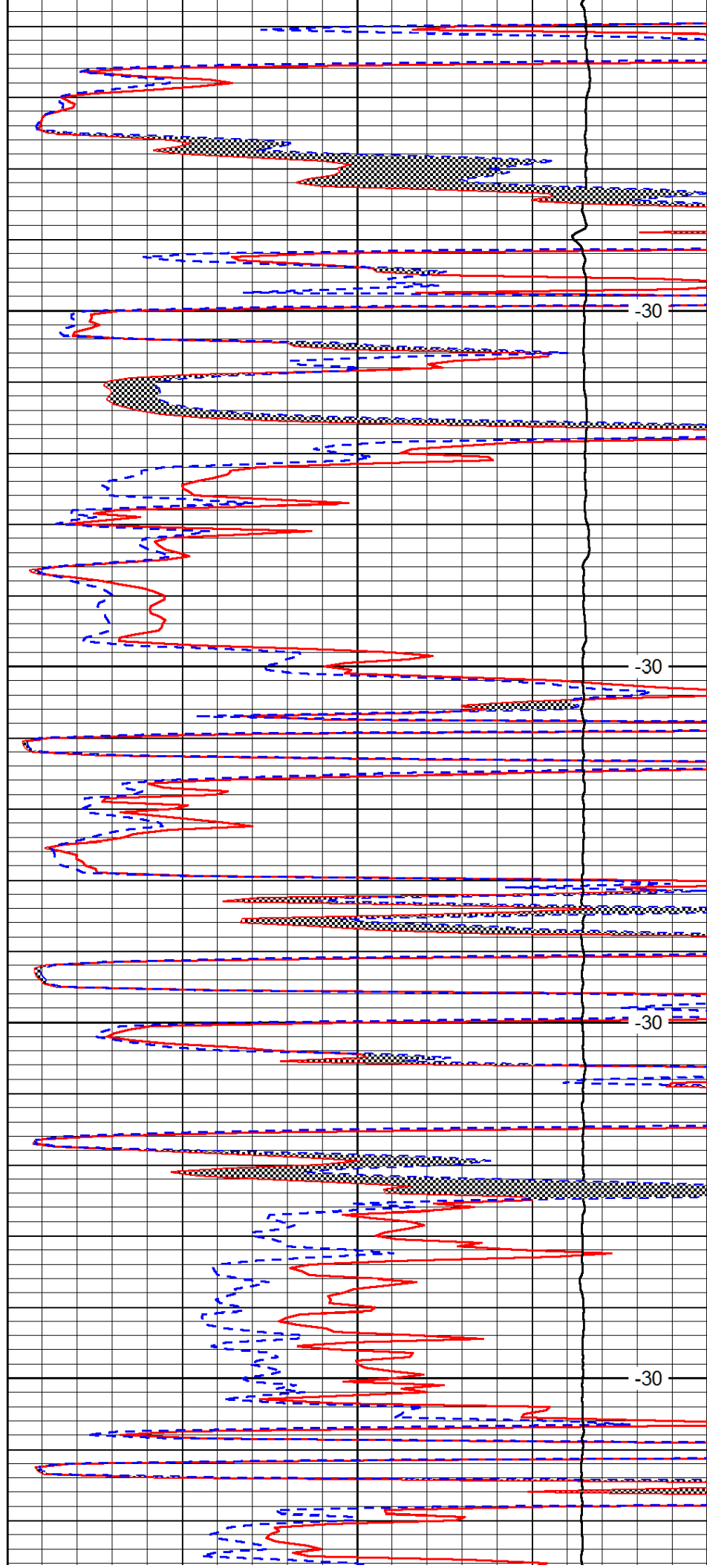


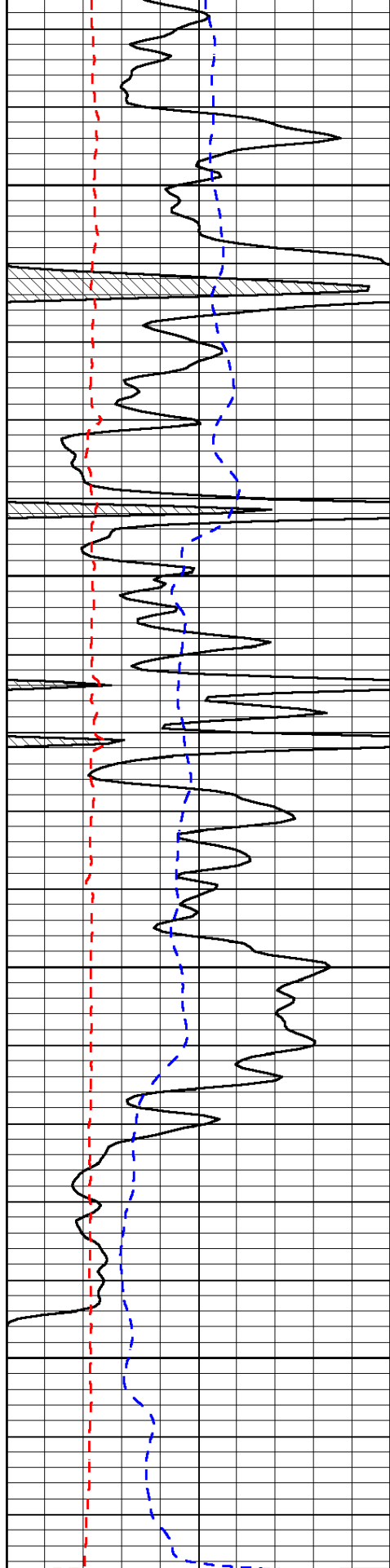
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4050

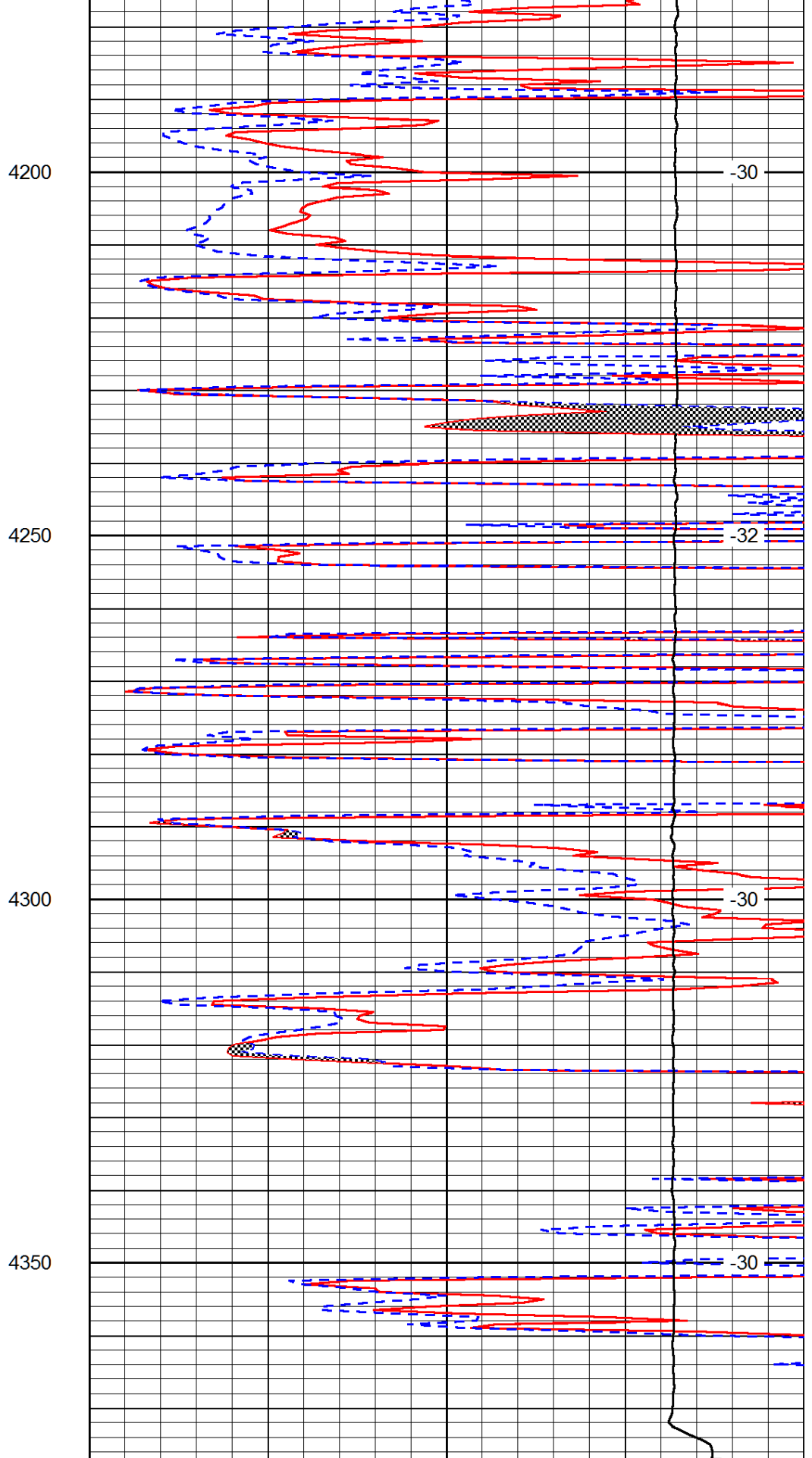
4100

4150





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LSPD

