LOG-TECH

DIGITAL LOG (785) 625-3858

Microresistivity Log

API No. 15-101-22,365-00-00

Company Larson Engineering, Inc.

Well L. York No. 1-13

Field Paris

County Lane State Kansas

Location 2294' FSL & 704' FWL

Sec: 13 Twp: 19 S Rge: 29 W

Permanent Datum Ground Level Elevation 2814

Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Other Services: CNL/CDL, DIL

Elevation: K.B. 2821, D.F., G.L. 2814

Date	4/30/2012			
Run Number	Two			
Depth Driller	4685			
Depth Logger	4684			
Bottom Logged Interval	4683			
Top Log Interval	3600			
Casing Driller	8.625 @ 260			
Casing Logger	256			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	2,500			
Density / Viscosity	9.4 62			
pH / Fluid Loss	9.5 8.8			
Source of Sample	Flowline			
Rm @ Meas. Temp	.70 @ 58			
Rmf @ Meas. Temp	.53 @ 58			
Rmc @ Meas. Temp	.95 @ 58			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.28 @ 125			
Operating Rig Time	4 Hours			
Max Rec. Temp. F	125			
Equipment Number	91			
Location	Hays			
Recorded By	K. Bange			
Witnessed By	Vern Schrag			

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Comments

Thank you for using Log-Tech, Inc.
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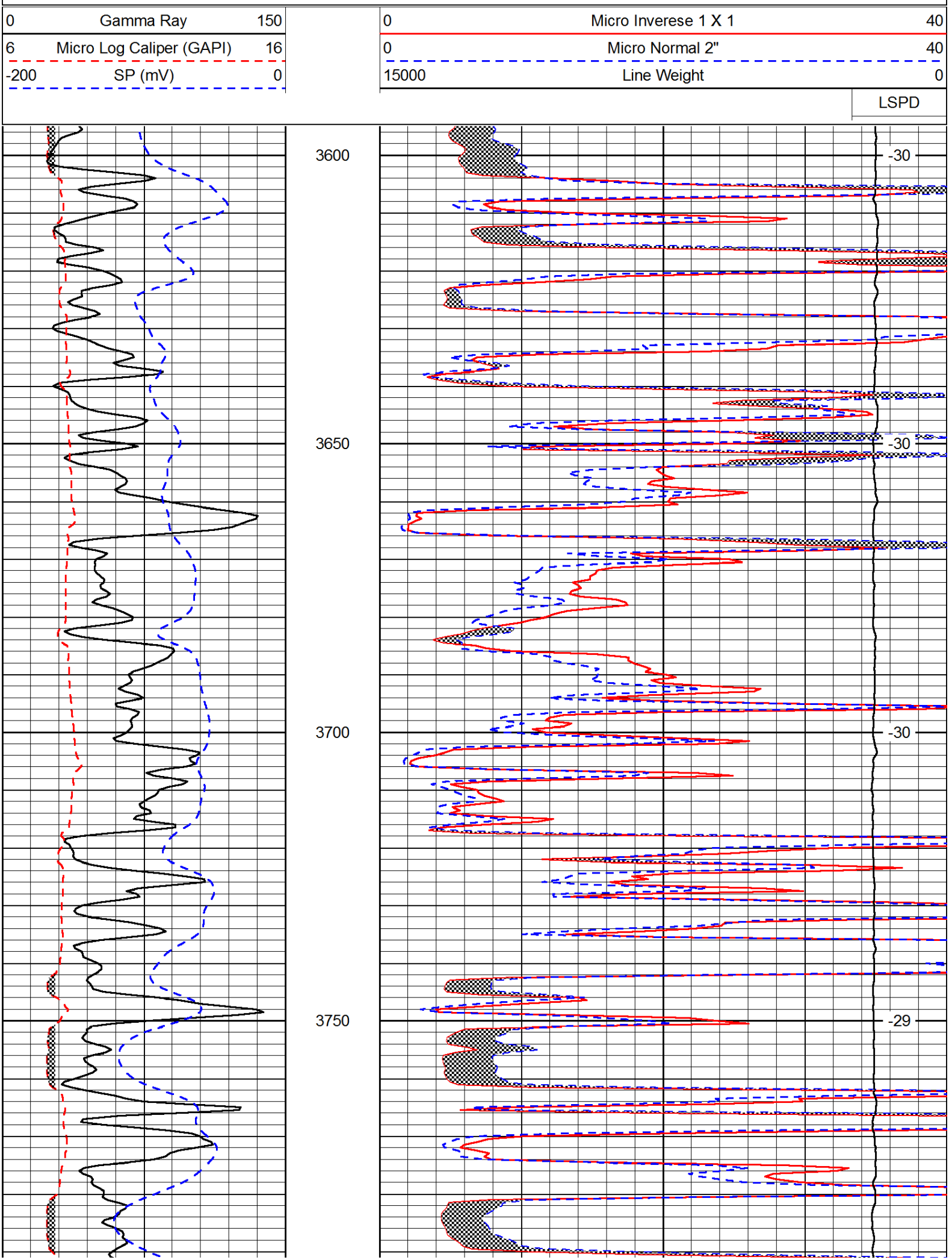
Dighton, 6 S to 90 rd,
1 W, 1/2 N, E into

Database File:	c:\warrior\data\larson_l. york no. 1-13\larson043012hd.db
Dataset Pathname:	dil/lrsnstk
Presentation Format:	micro
Dataset Creation:	Mon Apr 30 09:57:49 2012
Charted by:	Depth in Feet scaled 1:240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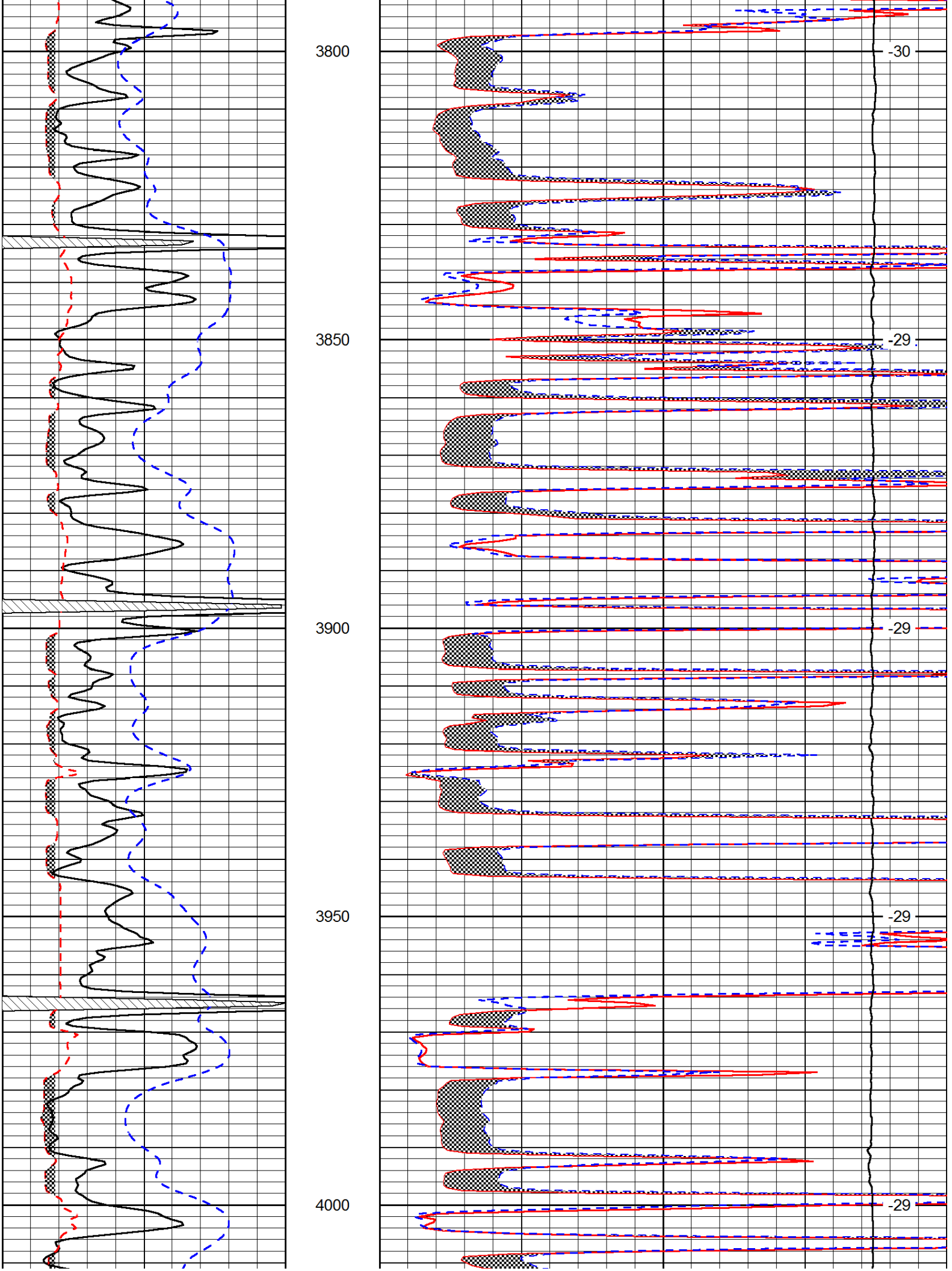
6 Micro Log Caliper (GAPI) 16
-200 SP (mV) 0
0 Micro Inverese 1 X 1 40
0 Micro Normal 2" 40
15000 Line Weight 0
LSPD
3600
3650
3700
3750
-30
-30
-30
-29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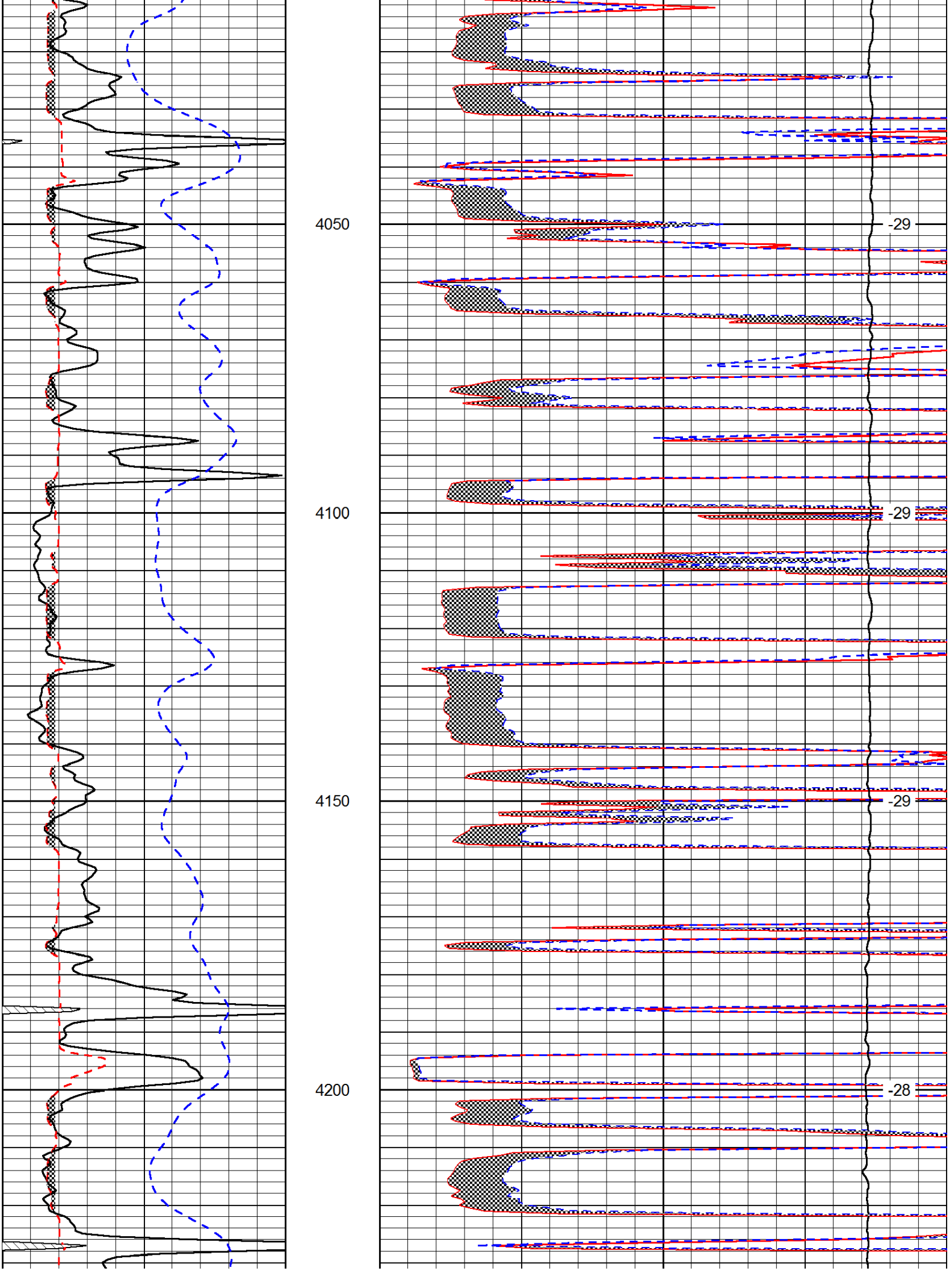
3850
3900
3950
4000
-30
-29
-29
-29
-29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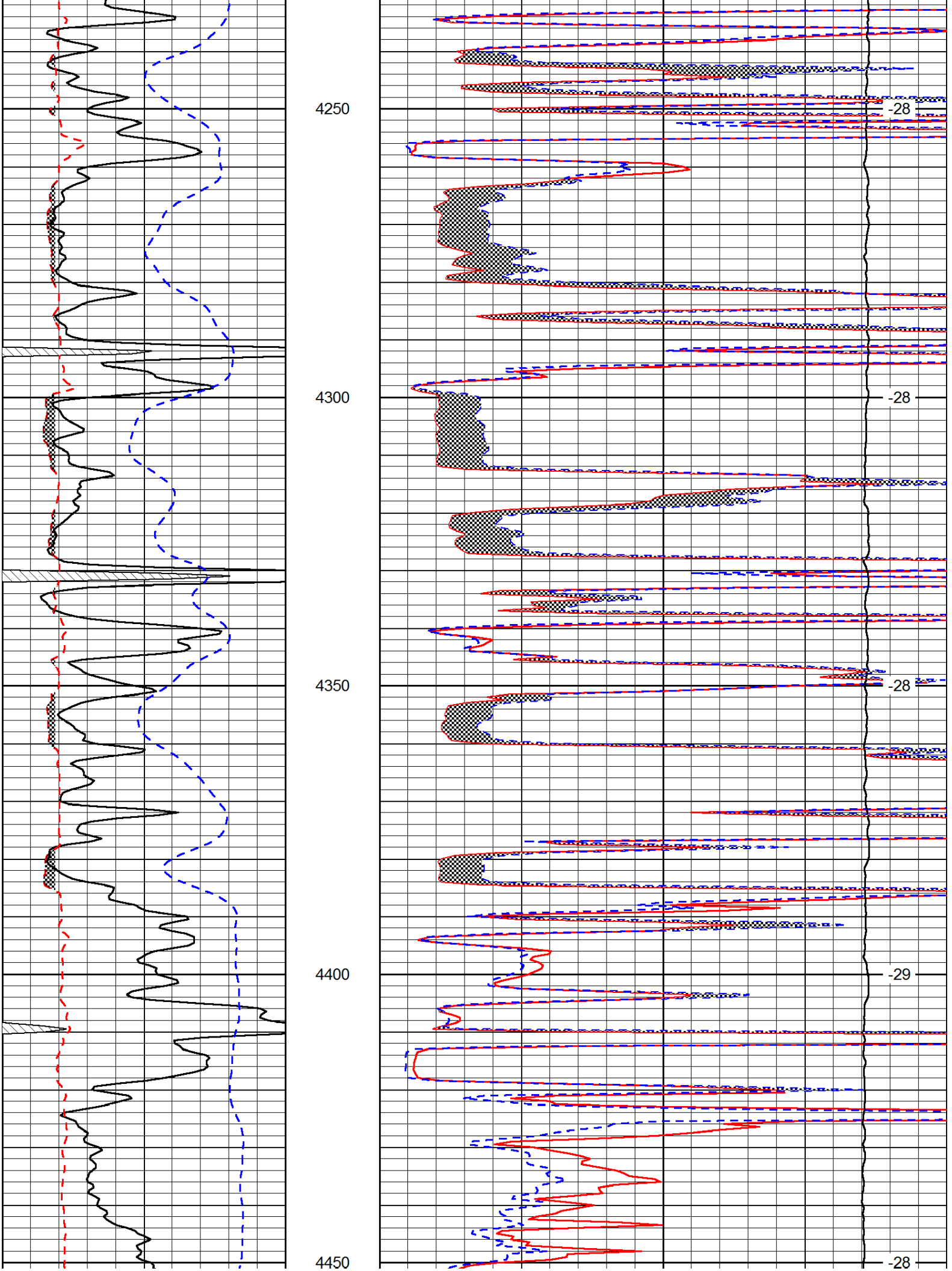
4100
4150
4200
-29
-29
-29
-28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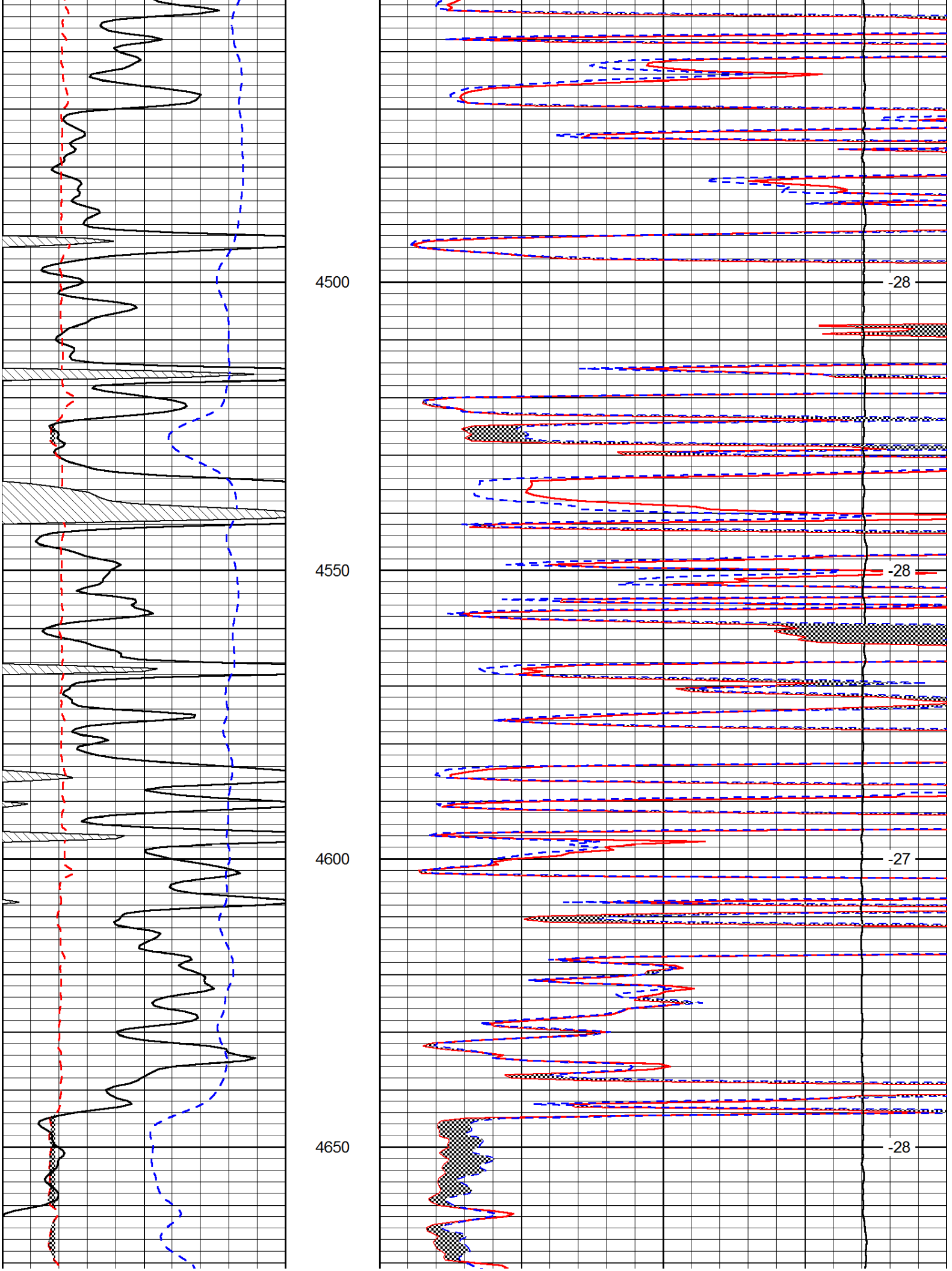
-28
4300
-28
4350
-28
4400
-29
4450
-28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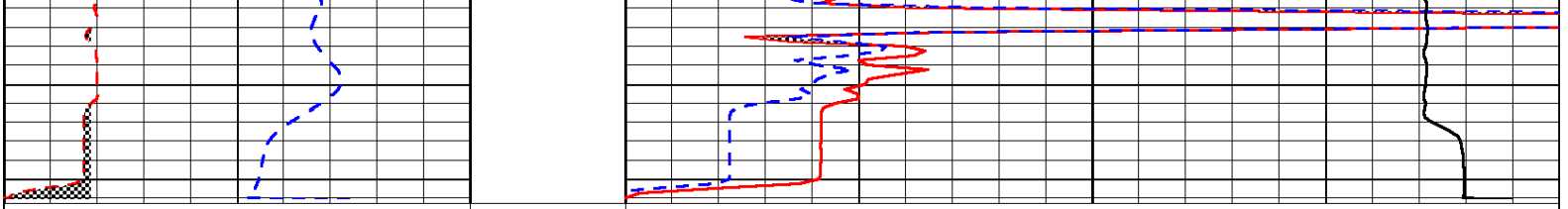
4650
-28
-28
-27
-28



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

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

LSPD