



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	15-101-22,200-00-00		
Company	Larson Operating Company		
Well	Bryant No. 1-4		
Field	Wildcat		
County	Lane	State	Kansas
Location	SE SE NW SE 1601' FSL & 1514' FEL		Other Services CNL/CDL DIL
Sec:	4	Twp: 19 S	Rge: 30 W
Permanent Datum	Ground Level	Elevation 2884	Elevation
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	K.B. 2889 D.F. G.L. 2884
Drilling Measured From	Kelly Bushing		
Date	11/11/2009		
Run Number	Two		
Depth Driller	4700		
Depth Logger	4703		
Bottom Logged Interval	4702		
Top Log Interval	3600		
Casing Driller	8.625 @ 258		
Casing Logger	256		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	2.500		
Density / Viscosity	9.3 50		
pH / Fluid Loss	10.5 6.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	.76 @ 68		
Rmf @ Meas. Temp	.57 @ 68		
Rmc @ Meas. Temp	1.03 @ 68		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.41 @ 125		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	125		
Equipment Number	4		
Location	Hays		
Recorded By	K. Bange		
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.

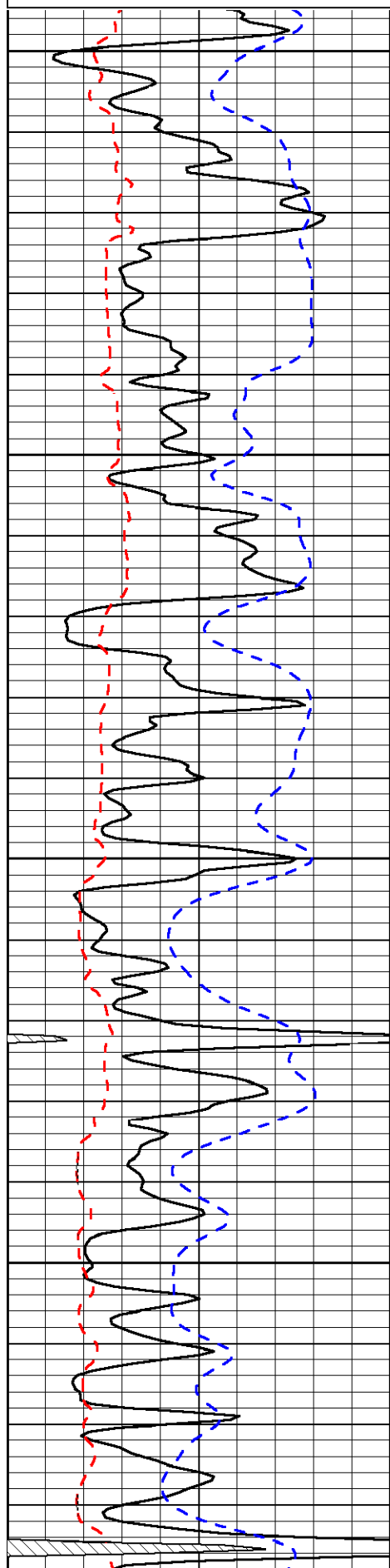
Comments

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

Dighton, 8 W to Dodge rd, 4 S to 110 rd, 1 1/4 W, N into

Database File: c:\warrior\data\larson_bryant no. 1-4\larson111109hd.db
Dataset Pathname: dil\lars2in
Presentation Format: micro
Dataset Creation: Wed Nov 11 12:39:40 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Micro Log Caliper (in)	16
-200	SP (MV)	0



3600

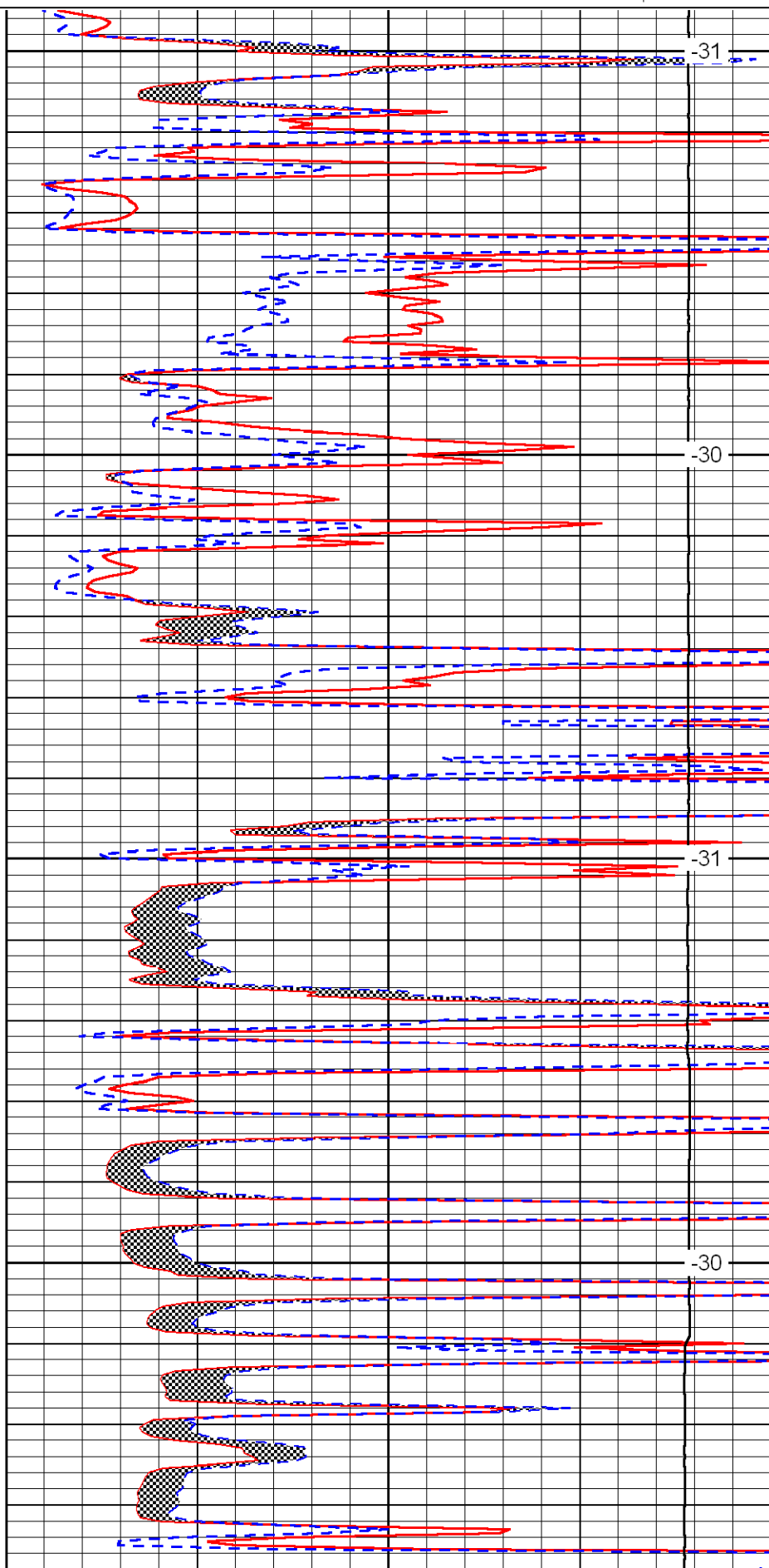
3650

3700

3750

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
15000	Line Weight (lb)	0

LSPD
(ft/min)

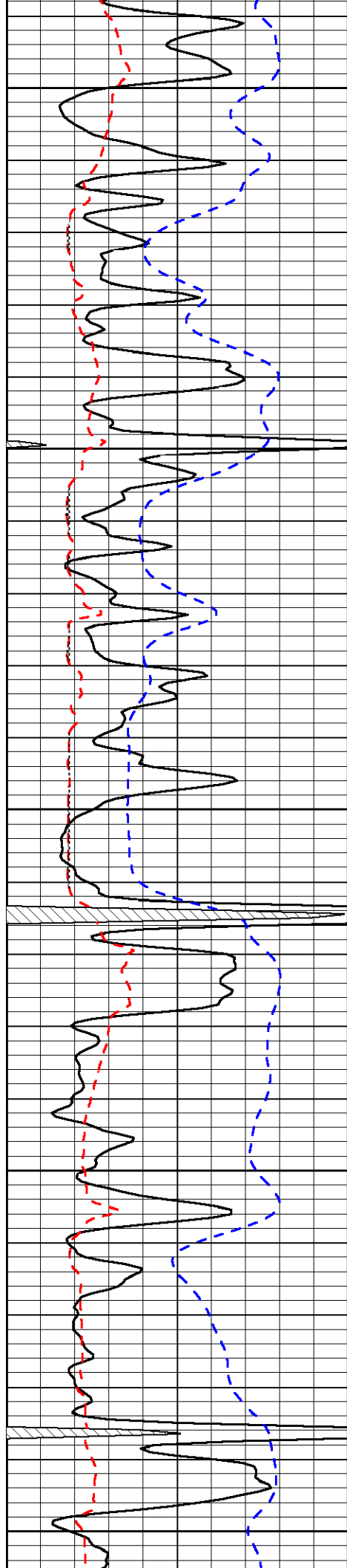


-31

-30

-31

-30



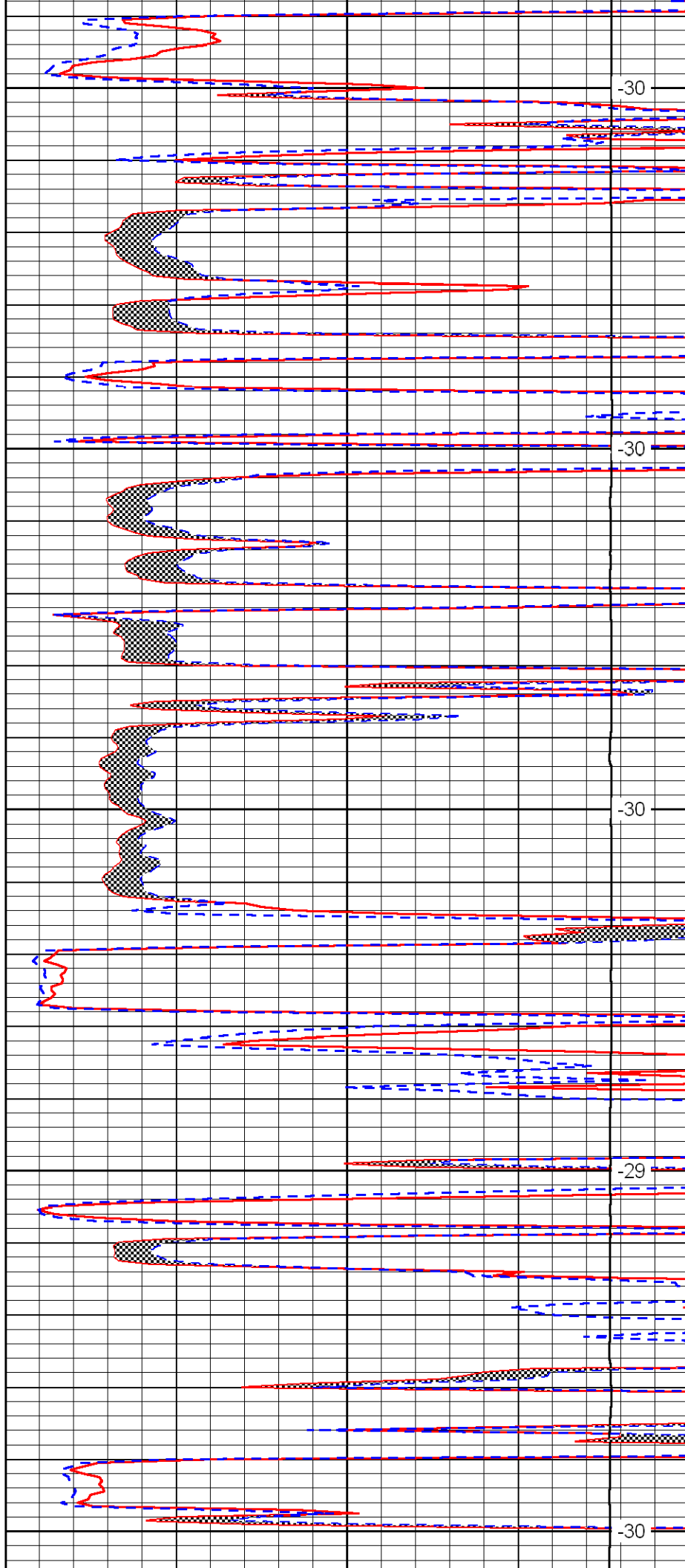
3800

3850

3900

3950

4000



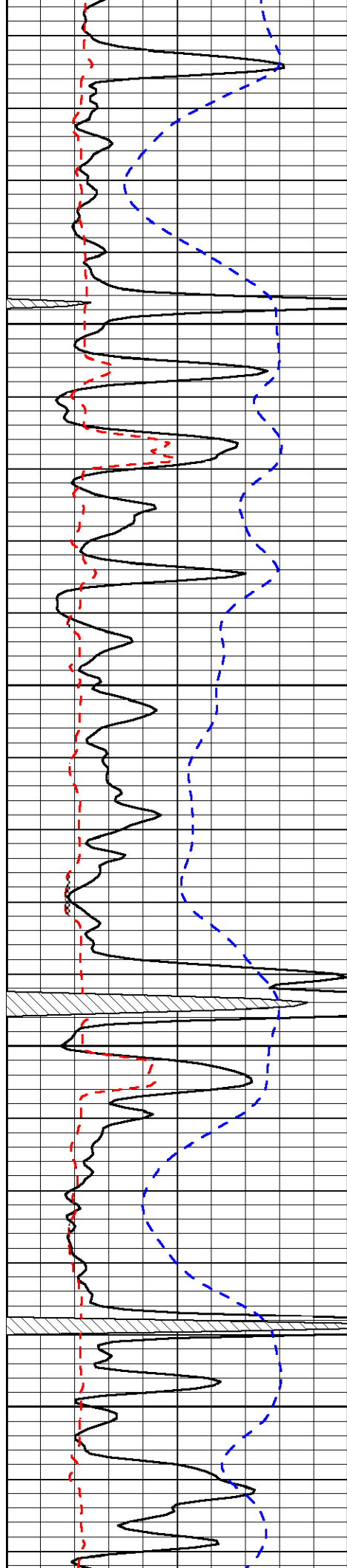
-30

-30

-30

-29

-30

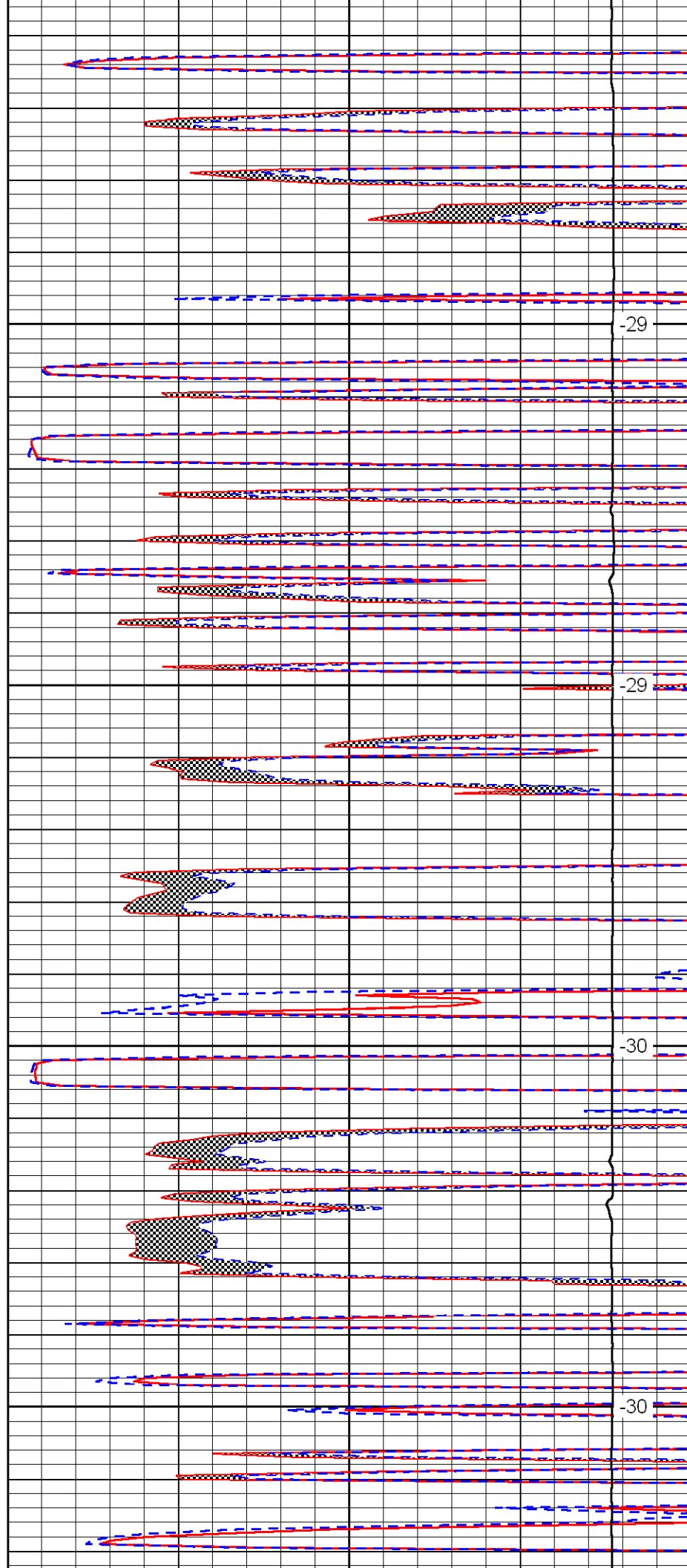


4050

4100

4150

4200

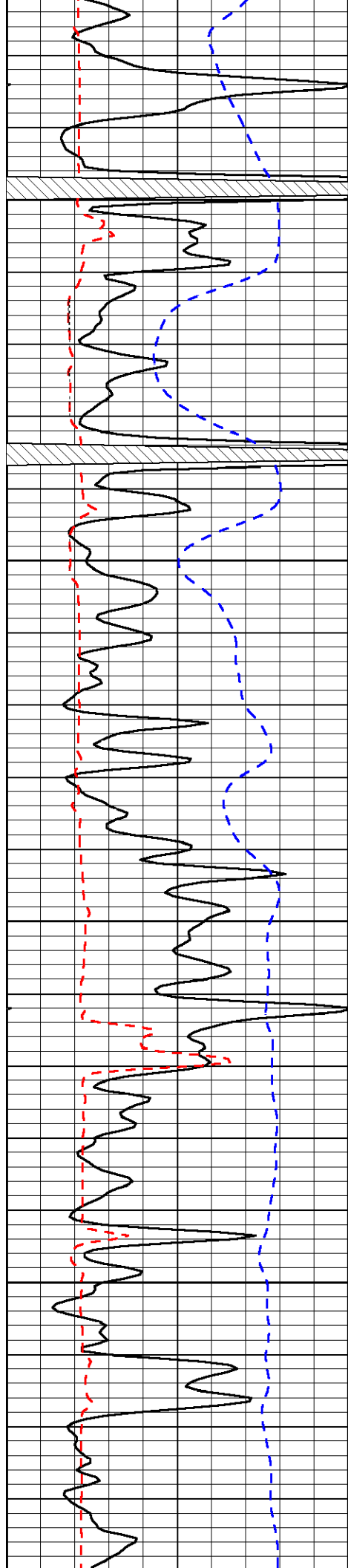


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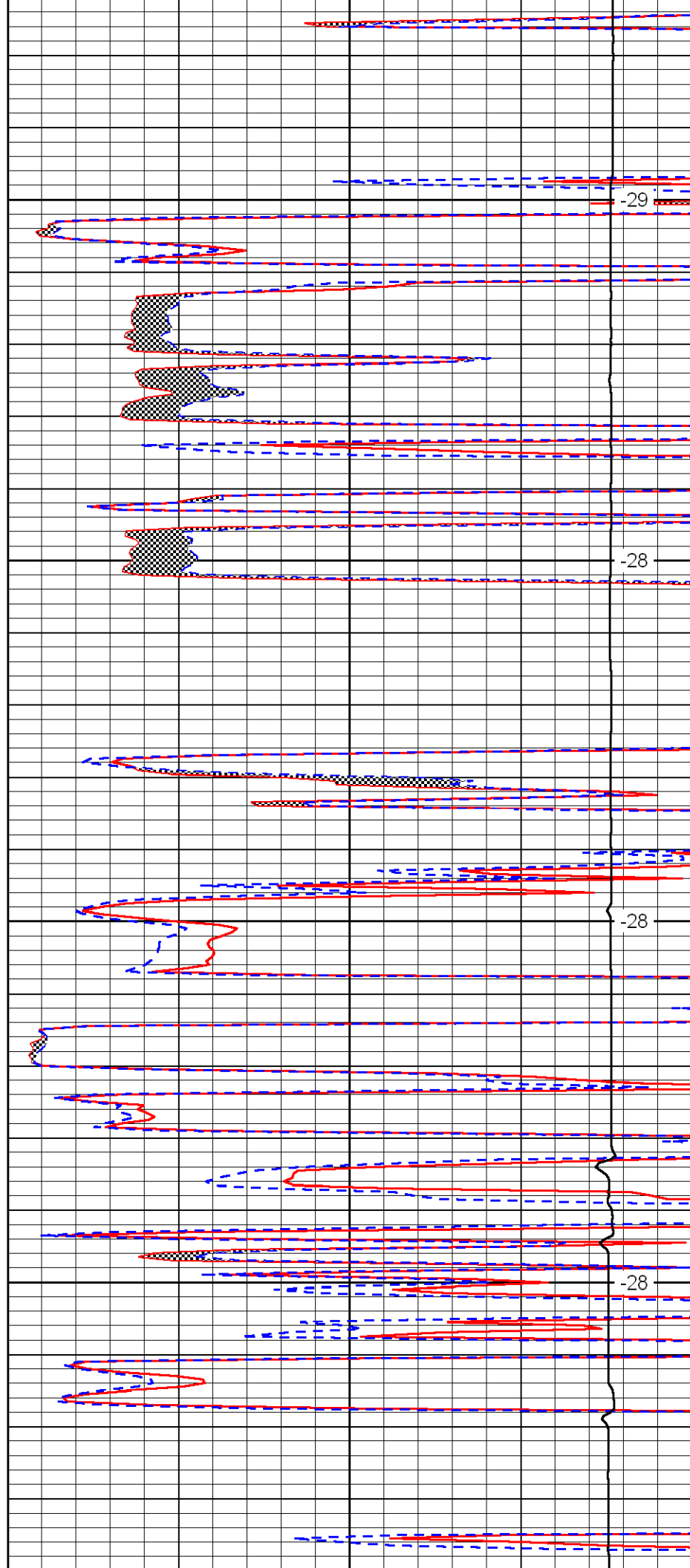


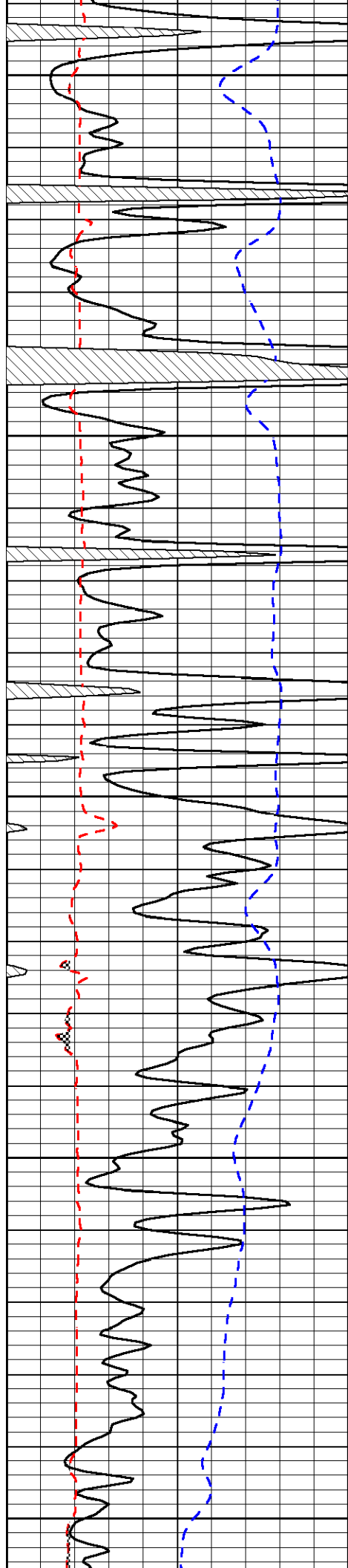
4250

4300

4350

4400





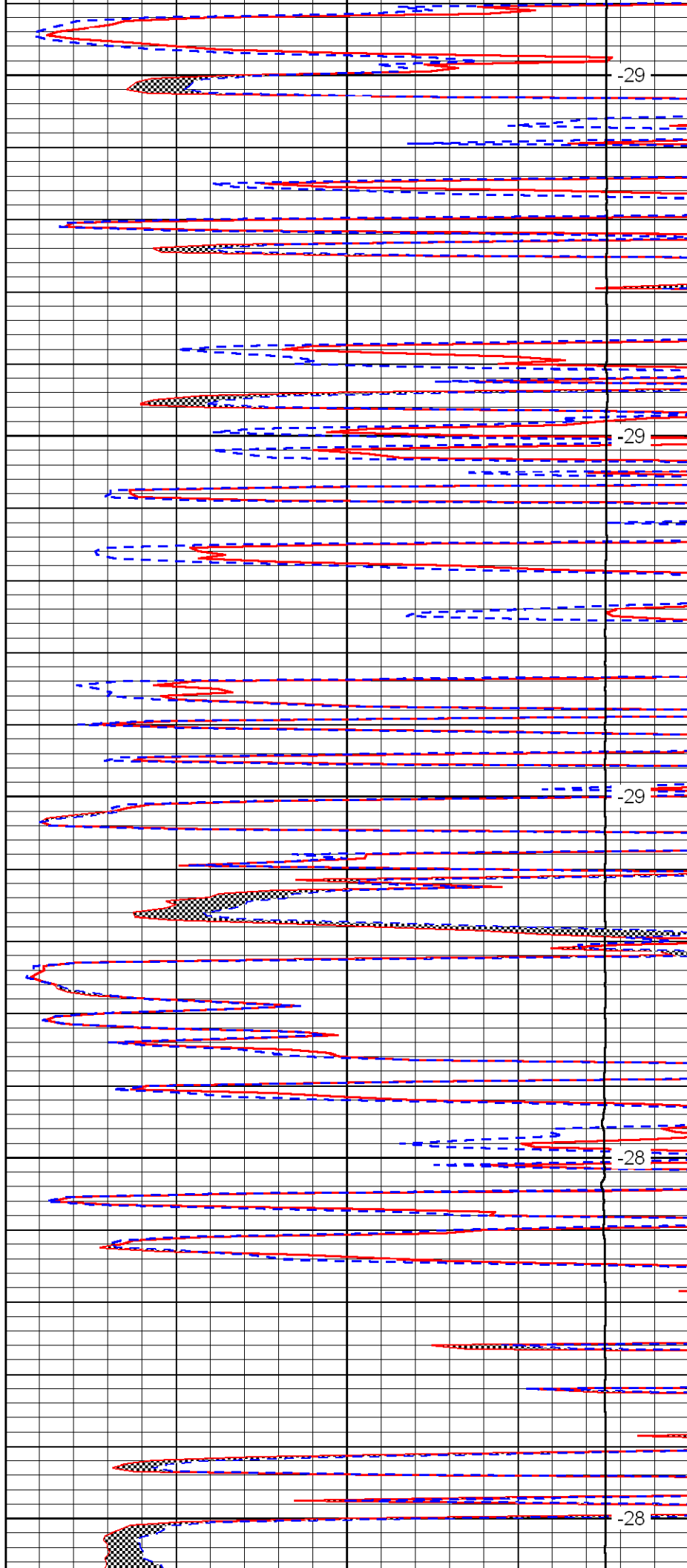
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4500

4550

4600

4650



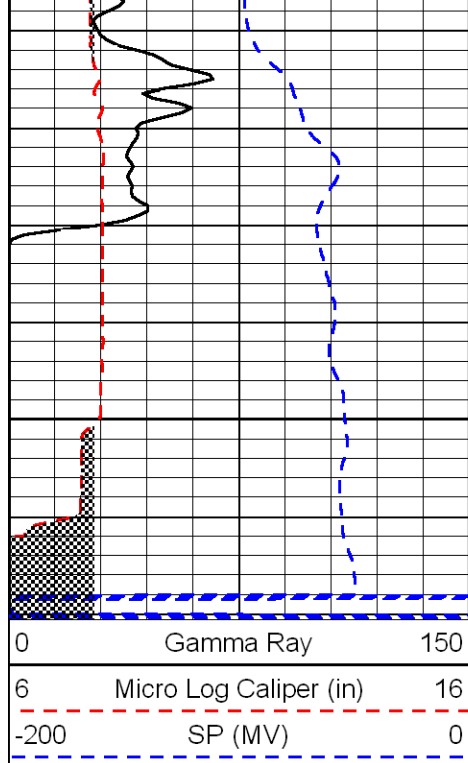
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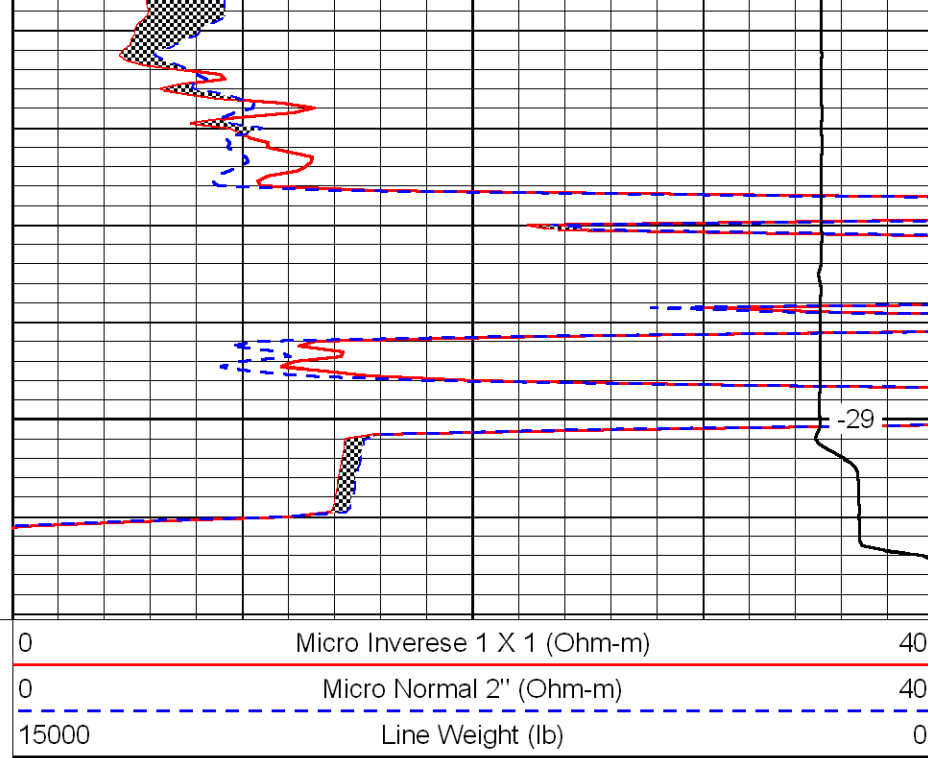
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4700



LSPD
(ft/min)