



MICRORESISTIVITY LOG

Company		BECKER OIL CORPORATION	
Well	OTTLEY NO. 1		
Field	CAMPUS SIDING NORTH		
County	THOMAS	State	KANSAS
Location:		API #: 15-193-20,959-00-00	Other Services
SEC 36 TWP 10S RGE 31W		CNL/CDL DIL	
Permanent Datum	GROUND LEVEL	Elevation	2910'
Log Measured From	KELLY BUSHING	K.B.	2915'
Drilling Measured From	KELLY BUSHING	D.F.	N/A
		G.L.	2910'
Date	10/25/2015		
Run Number	ONE		
Depth Driller	4625'		
Depth Logger	4625'		
Bottom Logged Interval	4624'		
Top Log Interval	3500'		
Casing Driller	8.625" @ 220'		
Casing Logger	217'		
Bit Size	7.875"		
Type Fluid in Hole	CHEMICAL		
Salinity, ppm CL	2000		
Density / Viscosity	9.4	59	
pH / Fluid Loss	10.0	8.8	
Source of Sample	Flowline		
Rm @ Meas. Temp	.96 @ 74		
Rmt @ Meas. Temp	.72 @ 74		
Rmc @ Meas. Temp	1.30 @ 74		
Source of Rmt / Rmc	Charts		
Rm @ BHT	.58 @ 122		
Operating Rig Time	2 1/2 HOURS		
Max Rec. Temp. F	122		
Equipment Number	108		
Location	Hays		
Recorded By	J. LONG		
Witnessed By	CLYDE BECKER		

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
CAMPUS ROAD AND I-70 INTERSECTION, 2 1/4 NORTH, EAST INTO

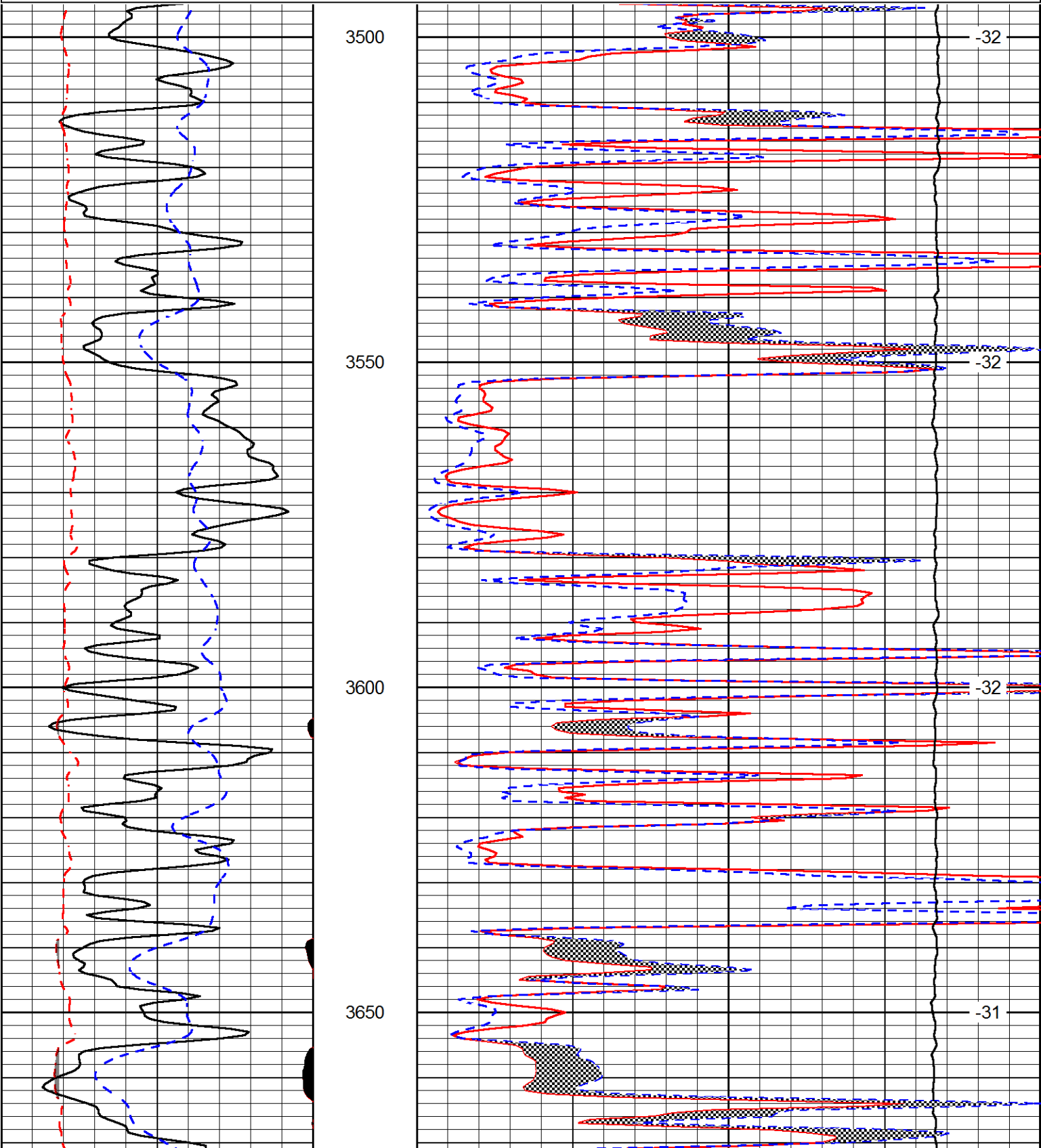
Log Measured From: KELLY BUSHING 5 Ft. Above Permanent Datum

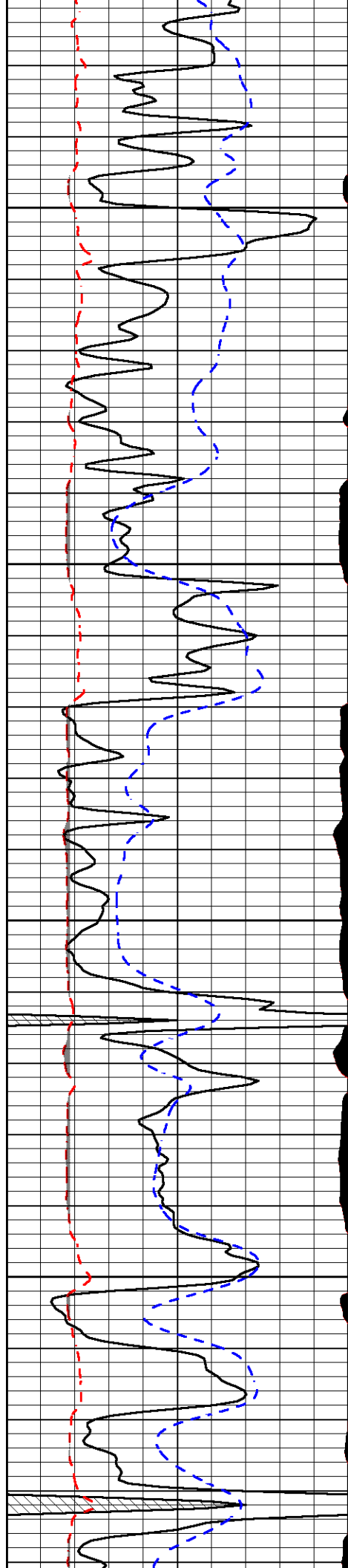
THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerenergy.com 785-625-3858

Your Pioneer Energy Services Crew		This Log Record Was Witnessed By	
Engineer: J. LONG		Primary Witness: CLYDE BECKER	
Operator:		Secondary Witness:	
Operator:		Secondary Witness:	
Operator:		Secondary Witness:	

Database File	beckeroil_ottley_1hd.db
Dataset Pathname	DIL/beckstck
Presentation Format	micro
Dataset Creation	Sun Oct 25 08:22:04 2015
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	0	Micro Inverese 1 X 1 (Ohm-m)	40
6	MCAL (in)	16	0	Micro Normal 2" (Ohm-m)	40
2.875	Mud Cake (in)	7.875	10000	Line Weight (lb)	0
-200	SP (mV)	0			LSPD (ft/min)



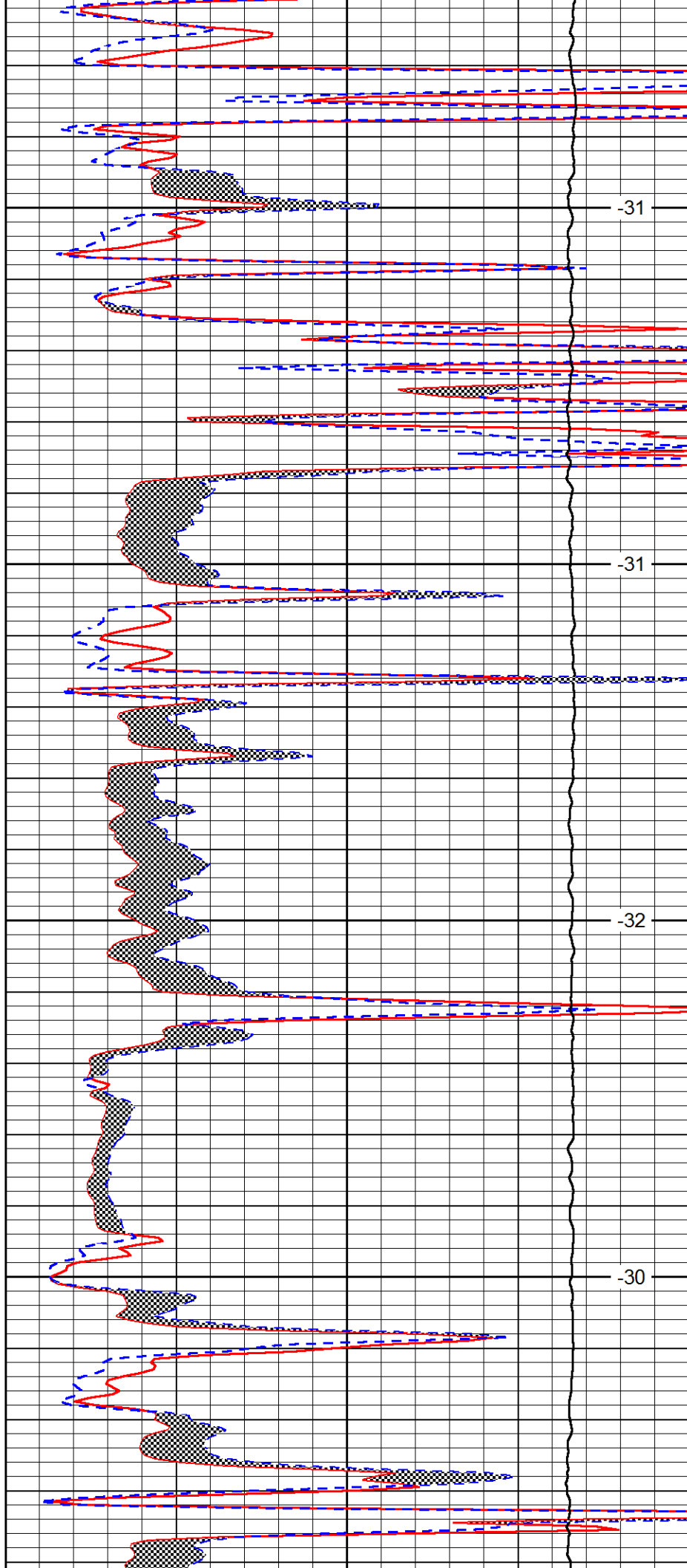


3700

3750

3800

3850

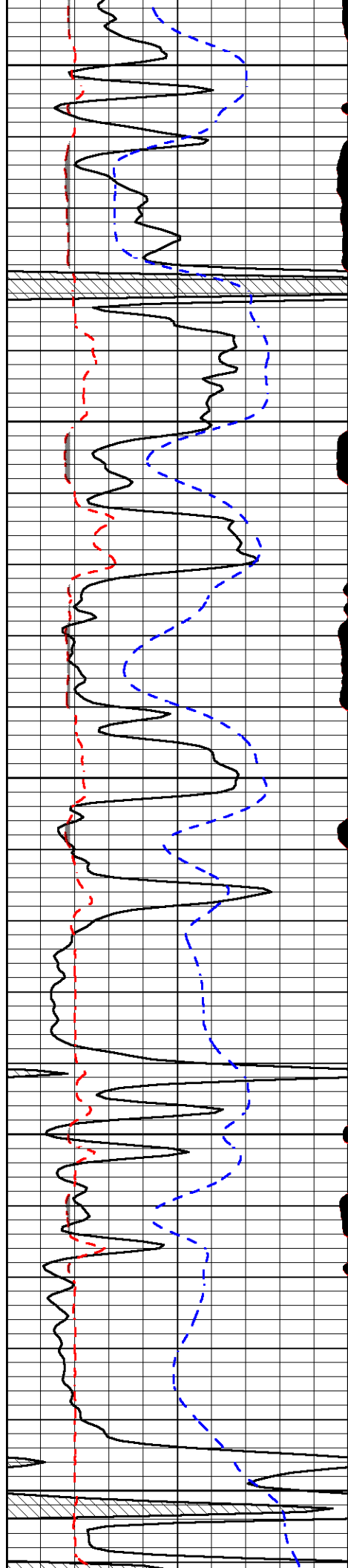


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-31

-32

-30



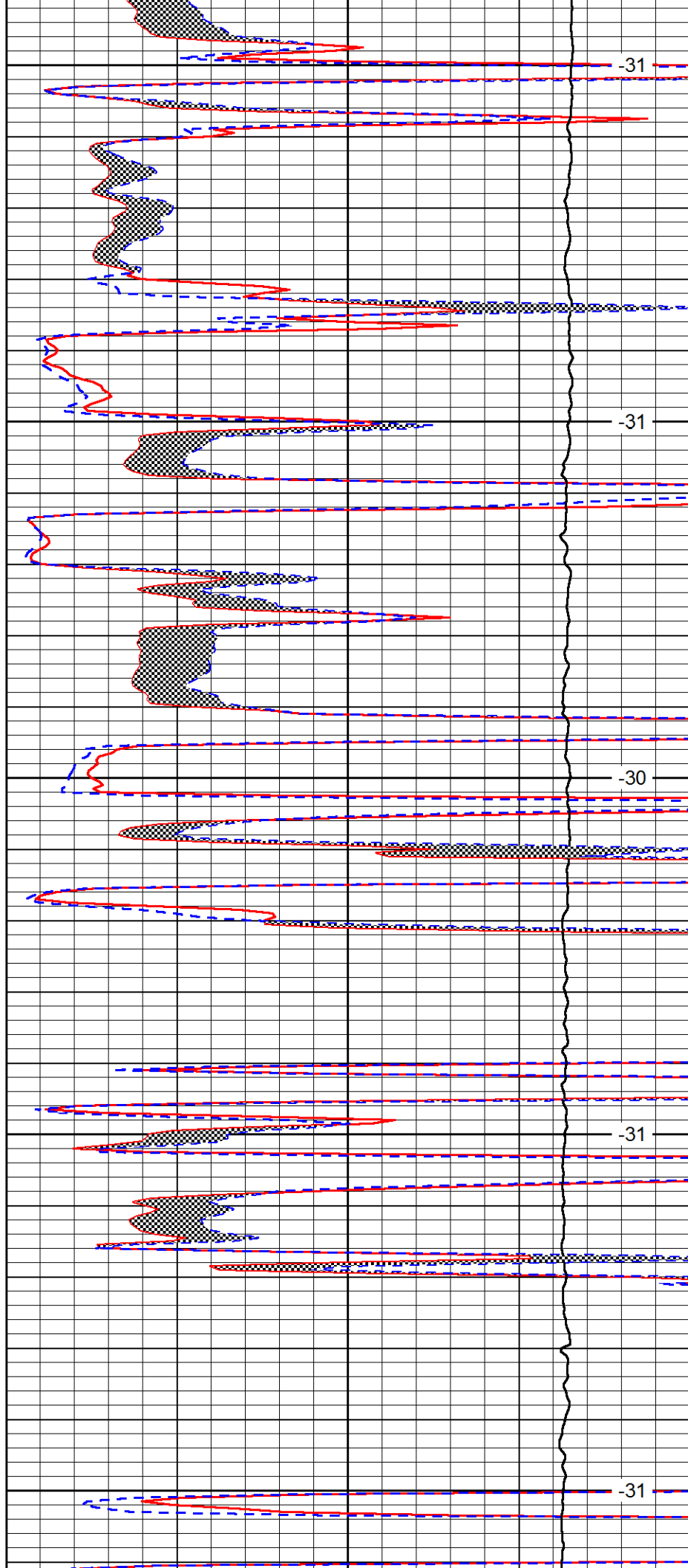
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3950

4000

4050

4100



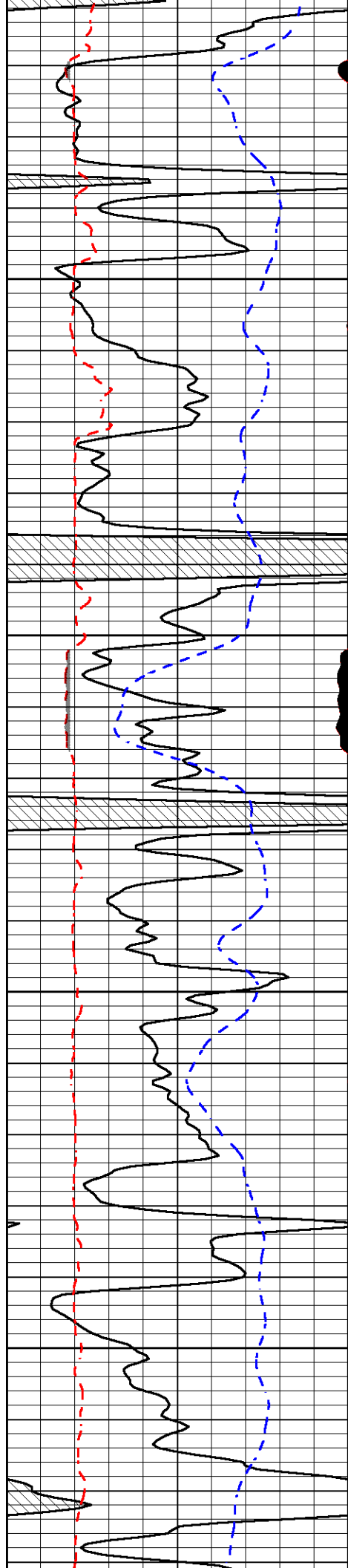
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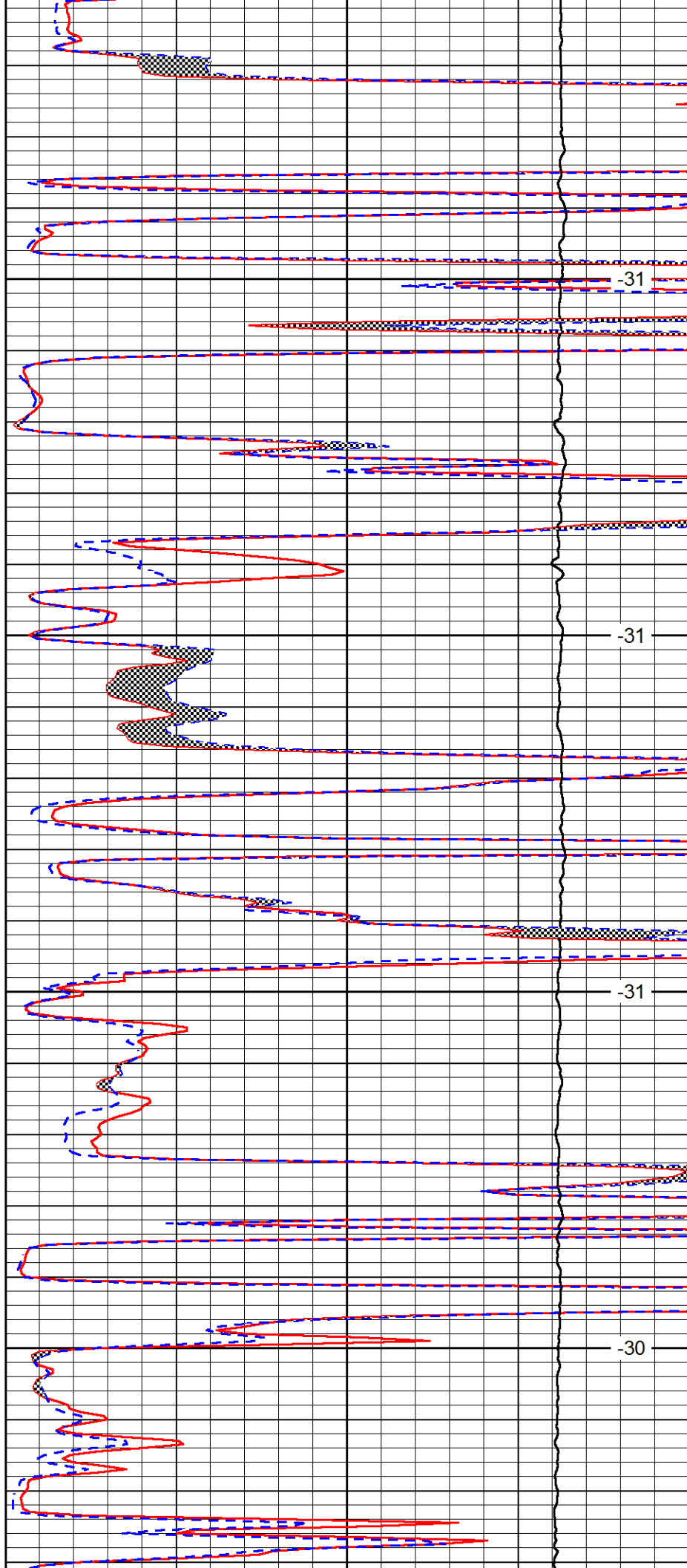


4150

4200

4250

4300

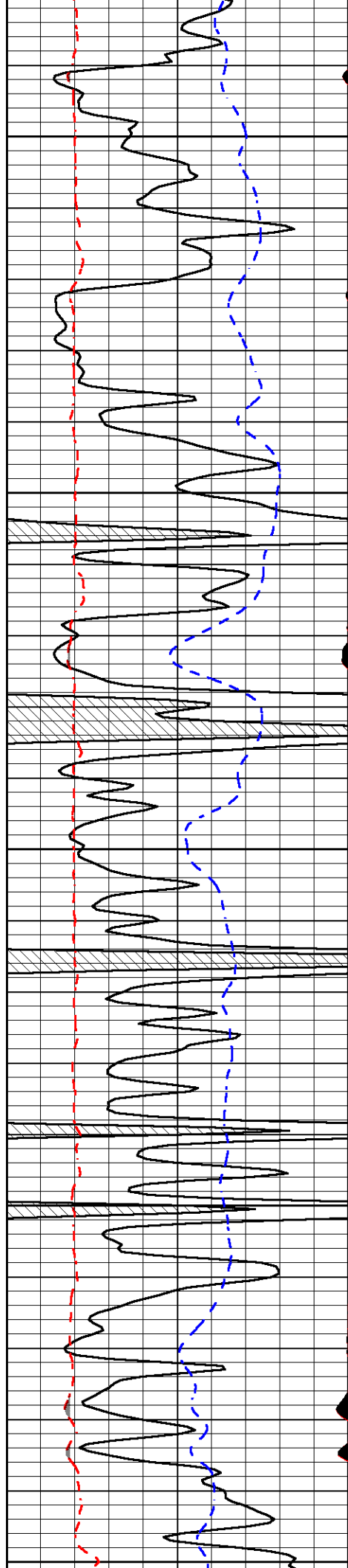


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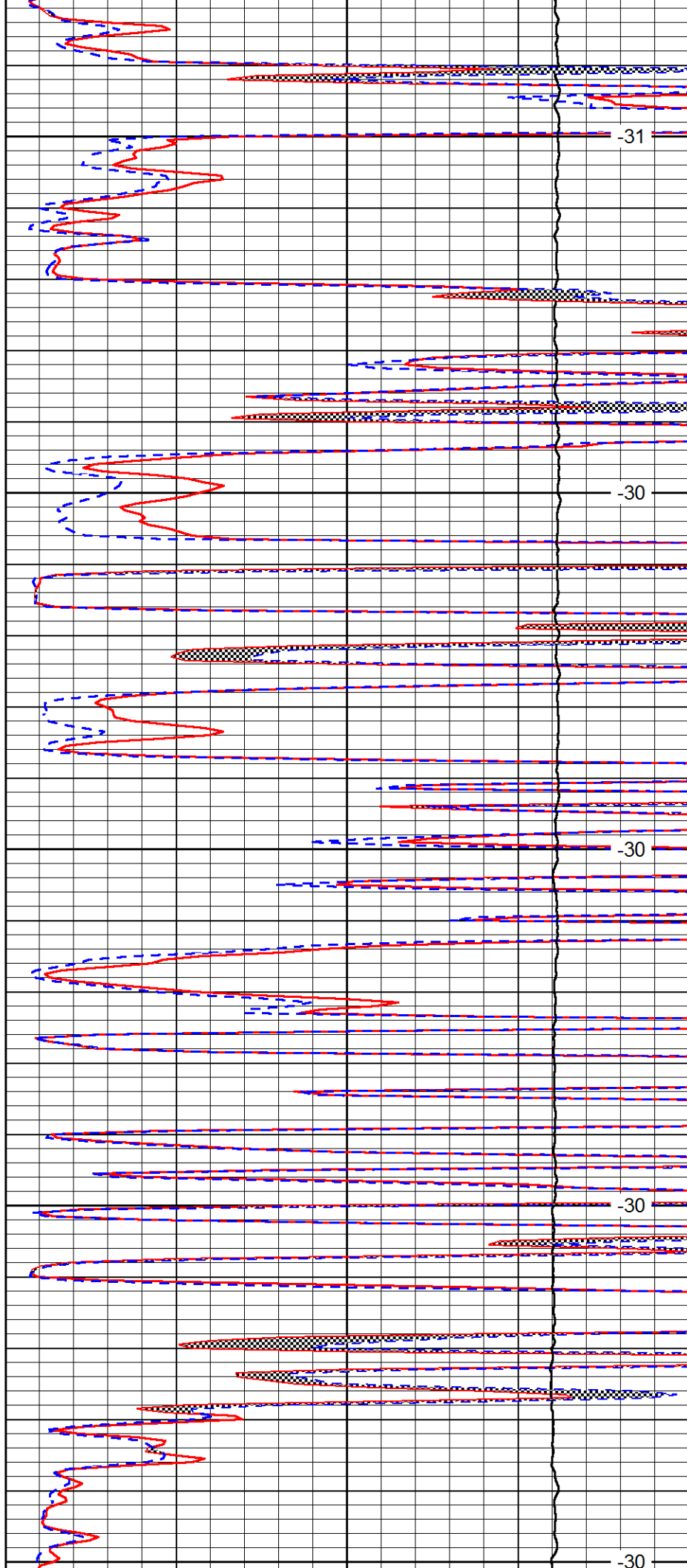
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4500

4550



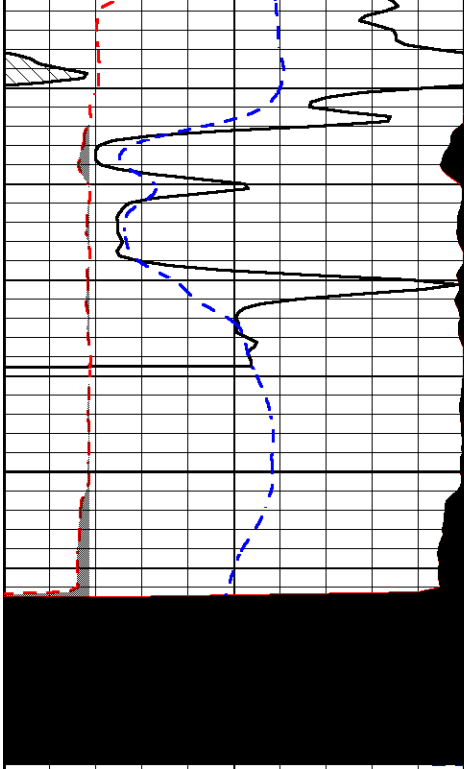
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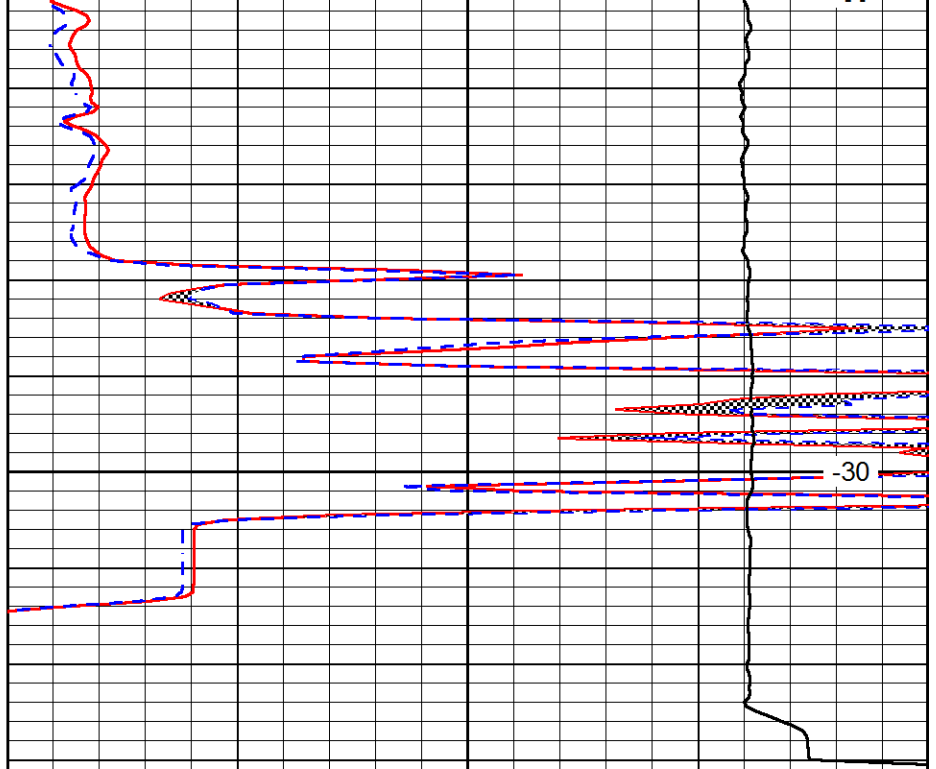
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-30



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4600



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10000	Line Weight (lb)	0

LSPD
(ft/min)