



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	Company Larson Engineering, Inc.				
	Well Wiles No. 1-1				
	Field Delos Southwest				
	County	Lane	State	Kansas	
15-101-22,214-00-00	Location	2360' FSL & 1668' FWL			Other Services CNL/CDL DIL
	Sec: 1	Twp: 18S	Rge: 27W	Elevation	
Permanent Datum	Ground Level	Elevation 2562		K.B.	2572
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum		D.F.	2562
Drilling Measured From	Kelly Bushing	G.L. 2562			
Date	03/09/2010				
Run Number	Two				
Depth Driller	4560				
Depth Logger	4560				
Bottom Logged Interval	4559				
Top Log Interval	3600				
Casing Driller	8.625 @ 264				
Casing Logger	259				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	3,300				
Density / Viscosity	9.1	56			
pH / Fluid Loss	11.5	6.8			
Source of Sample	Flowline				
Rm @ Meas. Temp	1.1 @ 65				
Rmf @ Meas. Temp	.82 @ 65				
Rmc @ Meas. Temp	1.48 @ 65				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.58 @ 124				
Operating Rig Time	3 Hours				
Max Rec. Temp. F	124				
Equipment Number	10				
Location	Hays				
Recorded By	Jason Wellbrock				
Witnessed By	Bob Lewellyn				

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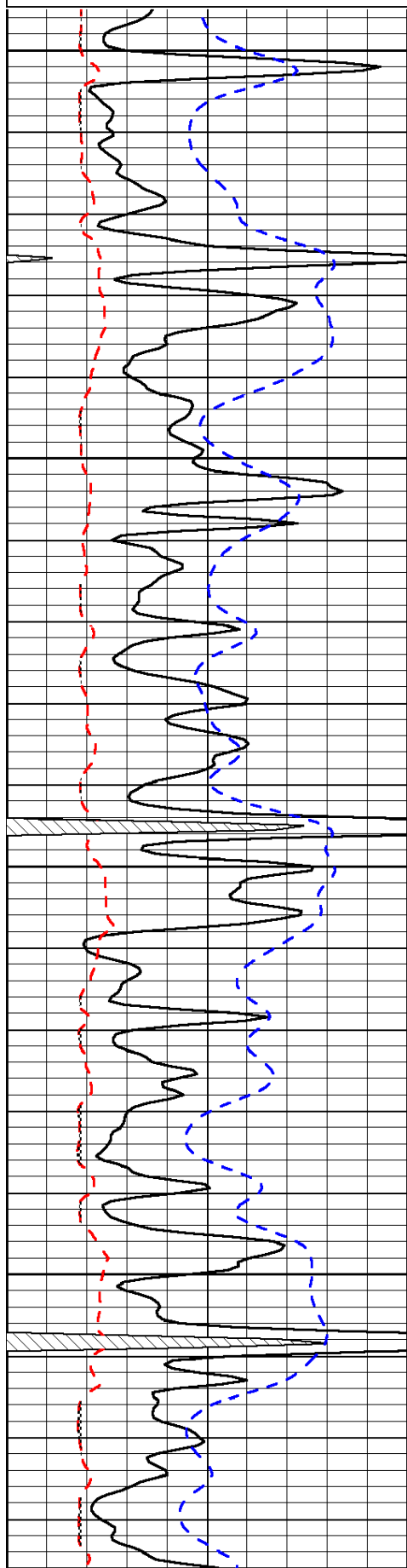
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

Database File: c:\warrior\data\larson_wiles no. 1-1\larshd.db
Dataset Pathname: dil\lar2in
Presentation Format: micro
Dataset Creation: Tue Mar 09 03:55:12 2010
Charted by: Depth in Feet scaled 1:240

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



3600

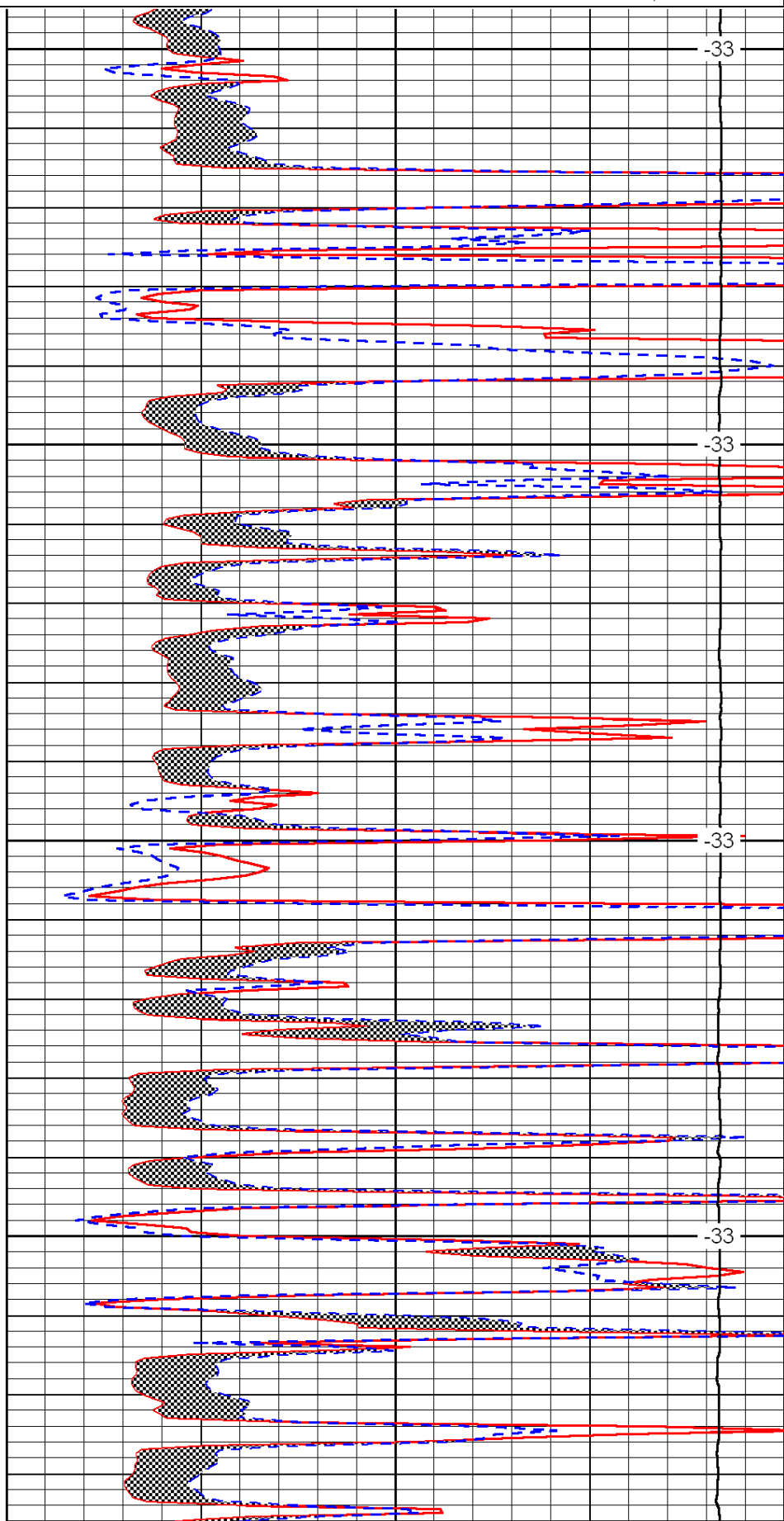
3650

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)

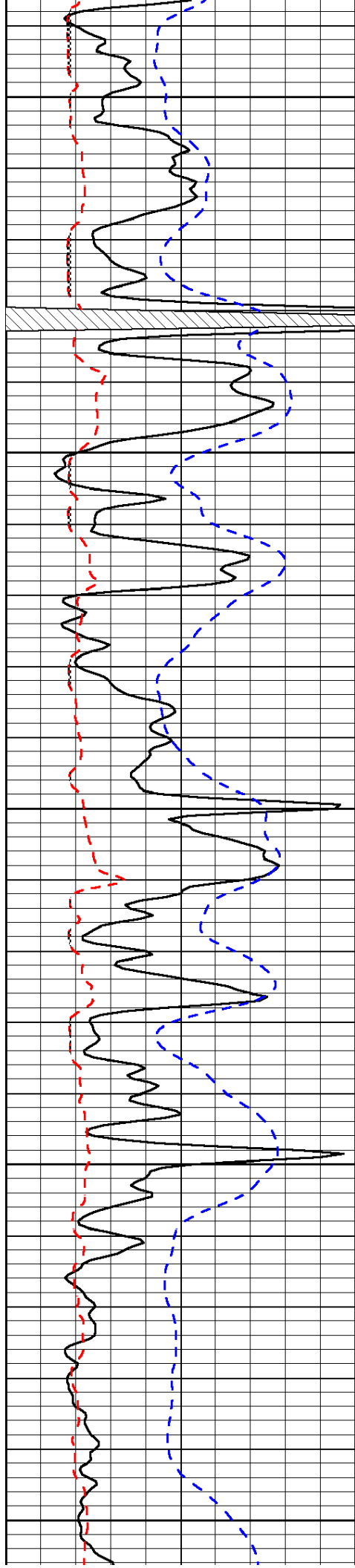


-33

-33

-33

-33



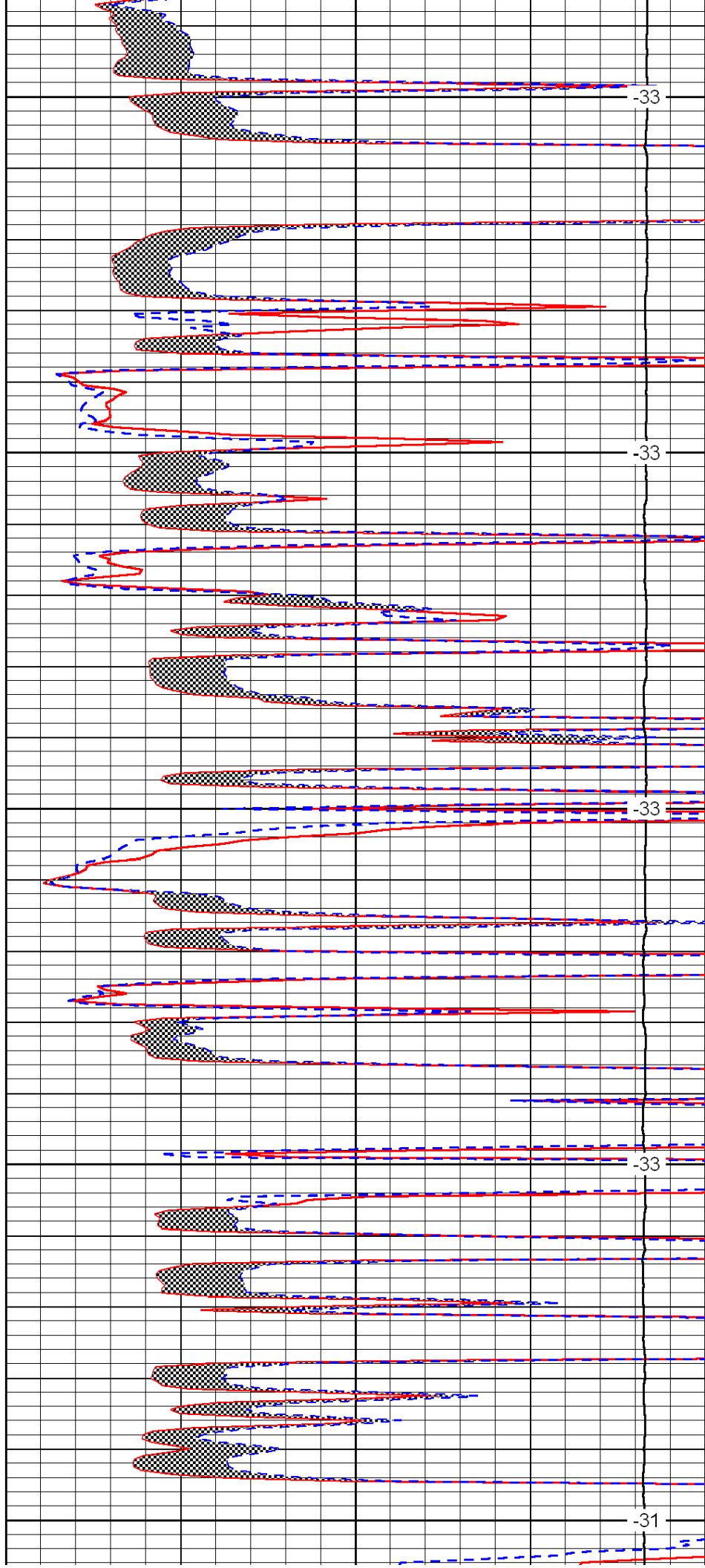
3800

3850

3900

3950

4000



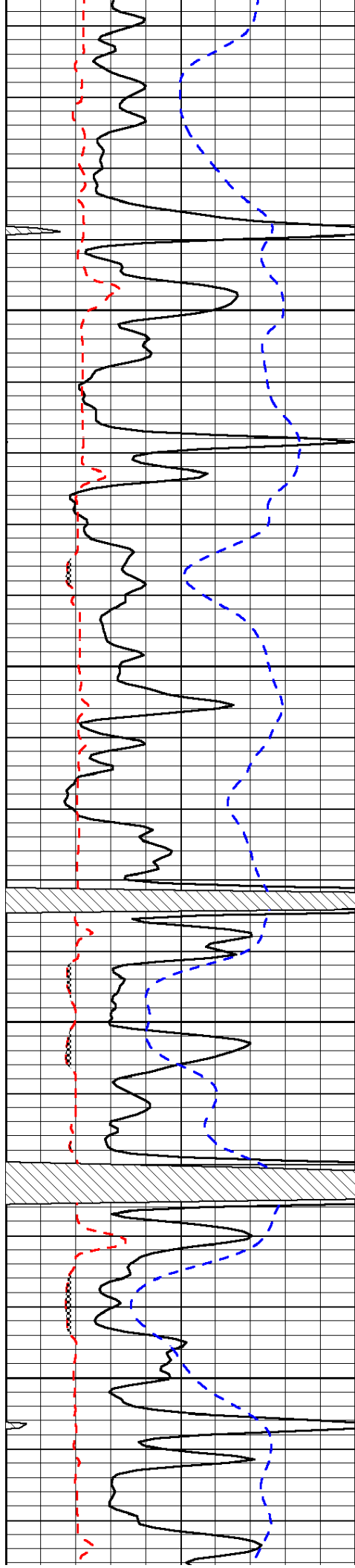
-33

-33

-33

-33

-31

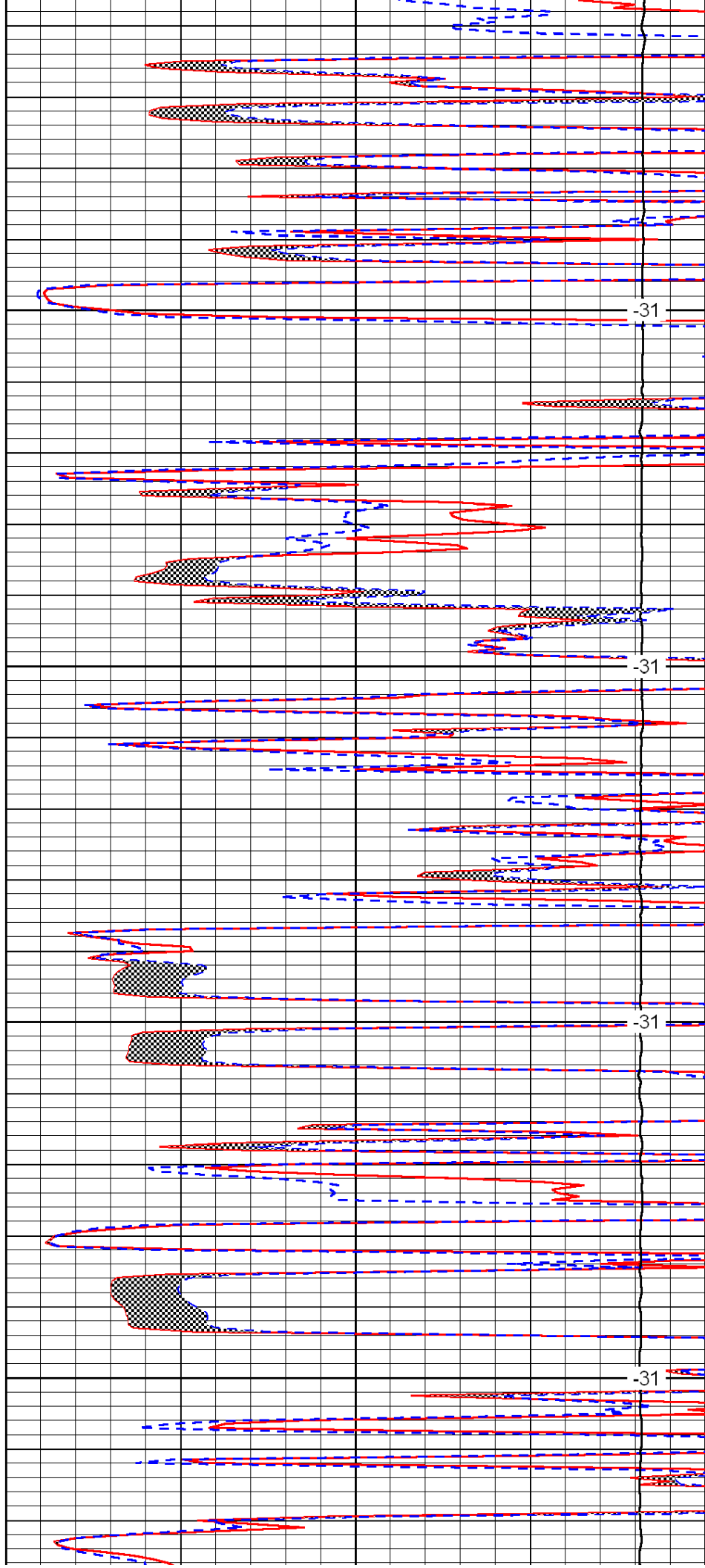


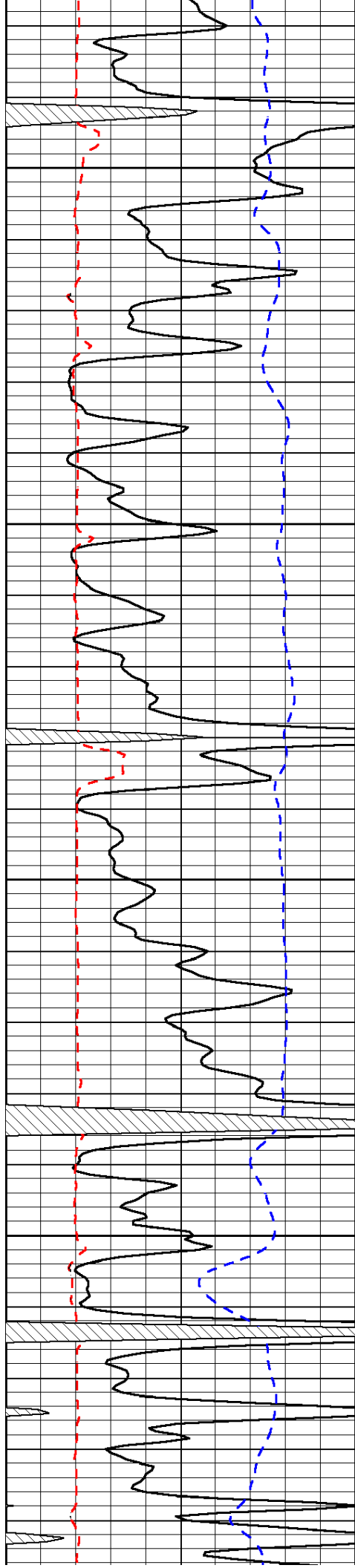
4050

4100

4150

4200



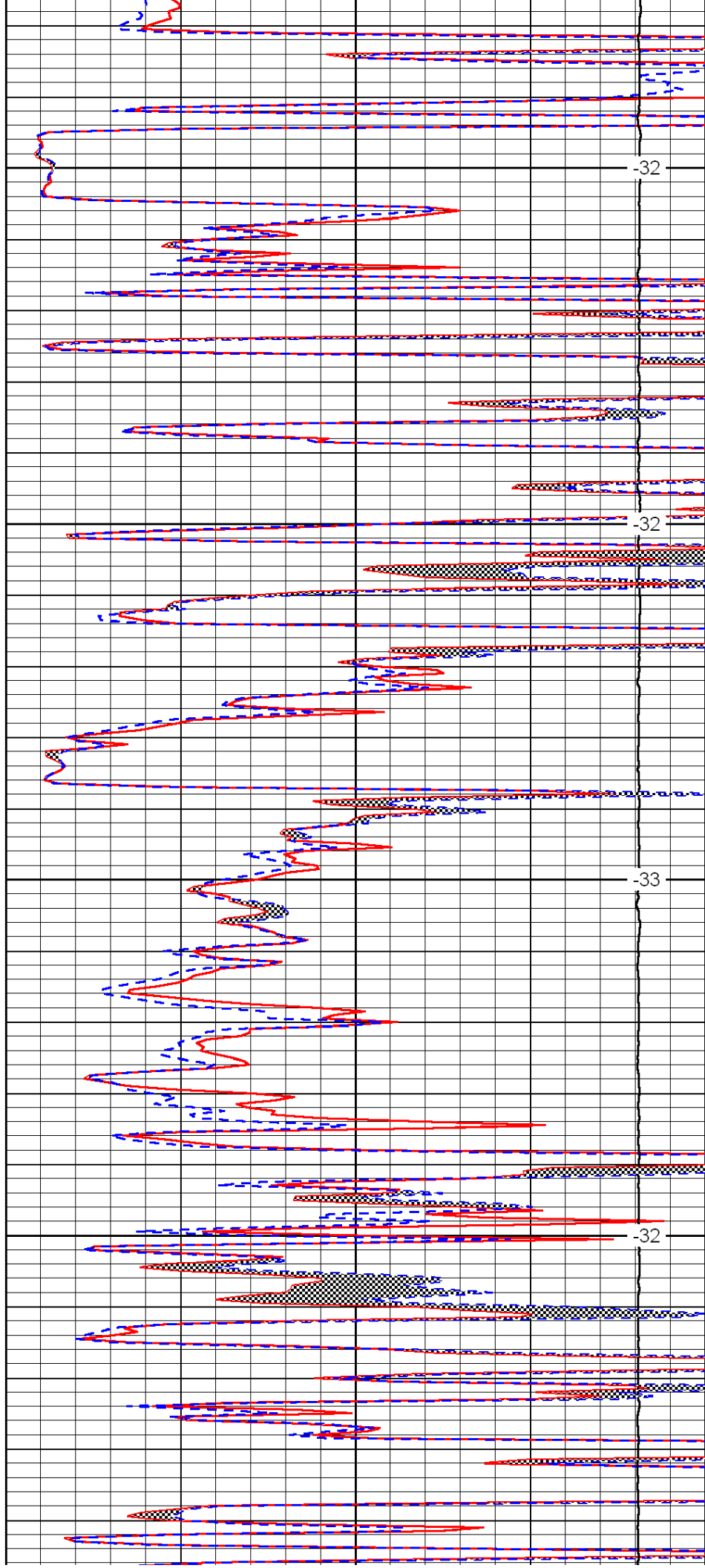


4250

4300

4350

4400

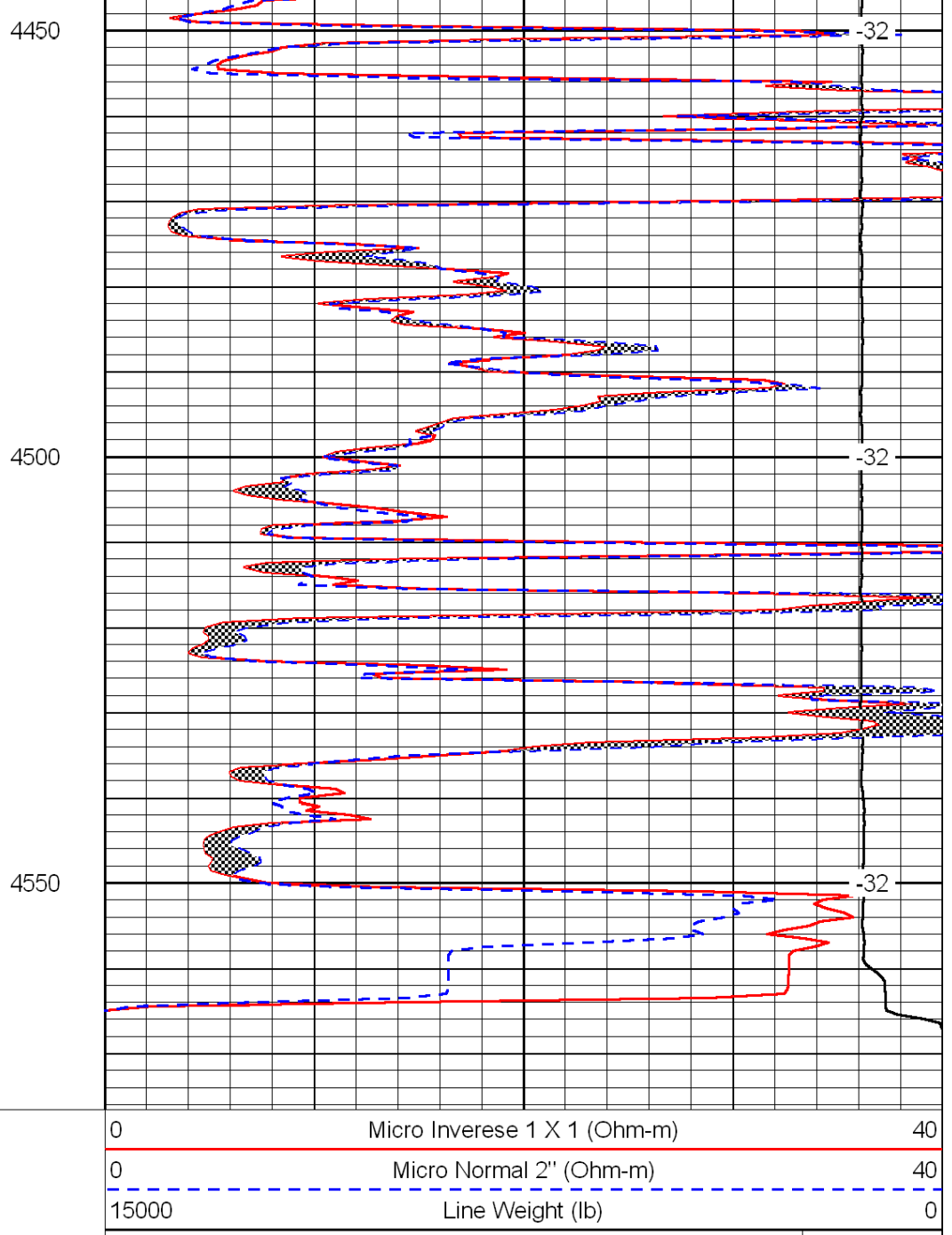
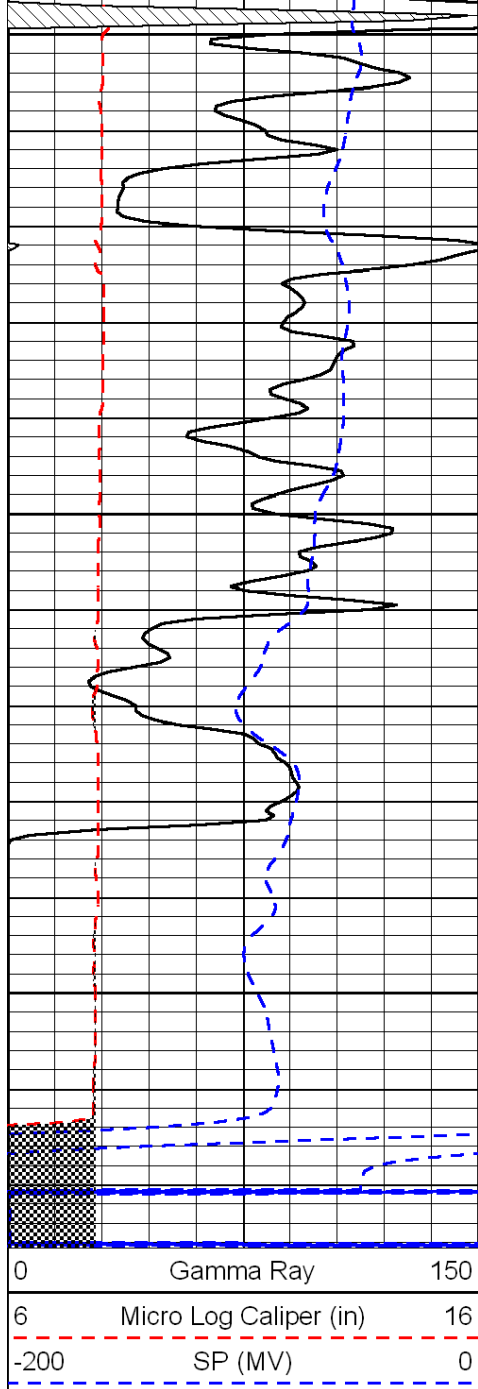


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LSPD
(ft/min)