



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	Company H & B Petroleum Corporation		
15-163-23,905-00-00	Well Ouder Kirk No. 14		
	Field Marcotte		
	County Rocks	State	Kansas
	Location E2-NW-NE-NW 330' FNL & 1,880' FWL	Other Services CNL/CDL DIL	
	Sec: 7	Twp: 10 S	Rge: 19 W
Permanent Datum	Ground Level	Elevation 3226	
Log Measured From Kelly Bushing		7 Ft. Above Perm. Datum	
Drilling Measured From Kelly Bushing		K.B. 2233 D.F. 2226 G.L. 2226	
Date	11/19/2010		
Run Number	Two		
Depth Driller	3850		
Depth Logger	3853		
Bottom Logged Interval	3852		
Top Log Interval	3000		
Casing Driller	8.625 @ 368		
Casing Logger	367		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	5000		
Density / Viscosity	9.1 45		
pH / Fluid Loss	9.0 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	.92 @ 54		
Rmf @ Meas. Temp	.69 @ 54		
Rmc @ Meas. Temp	1.24 @ 54		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.43 @ 115		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	115		
Equipment Number	10		
Location	Hays		
Recorded By	J Schuler	J Long	
Witnessed By	Bob O'Dell		

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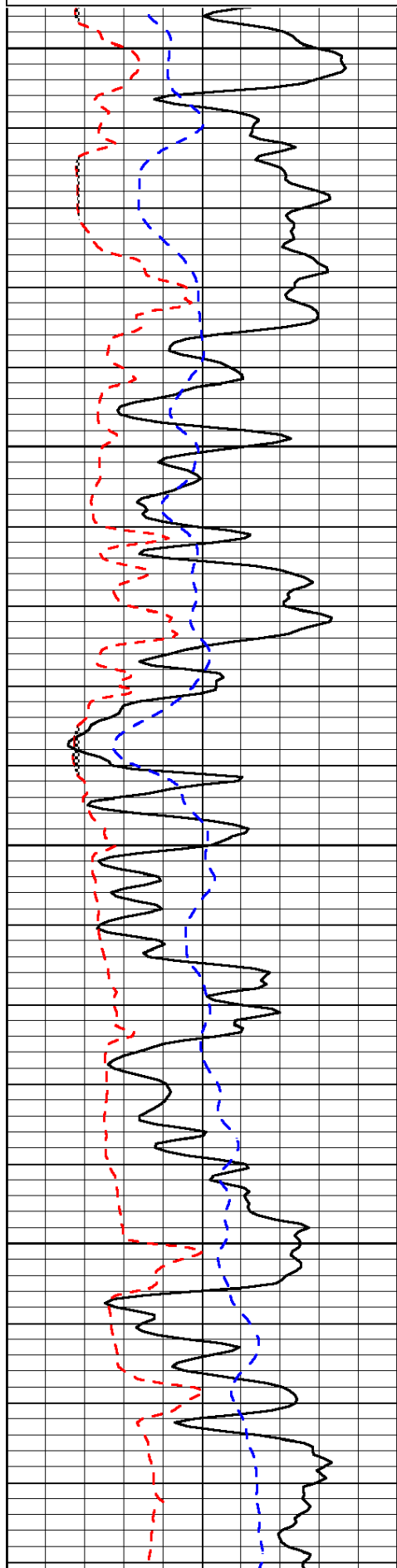
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

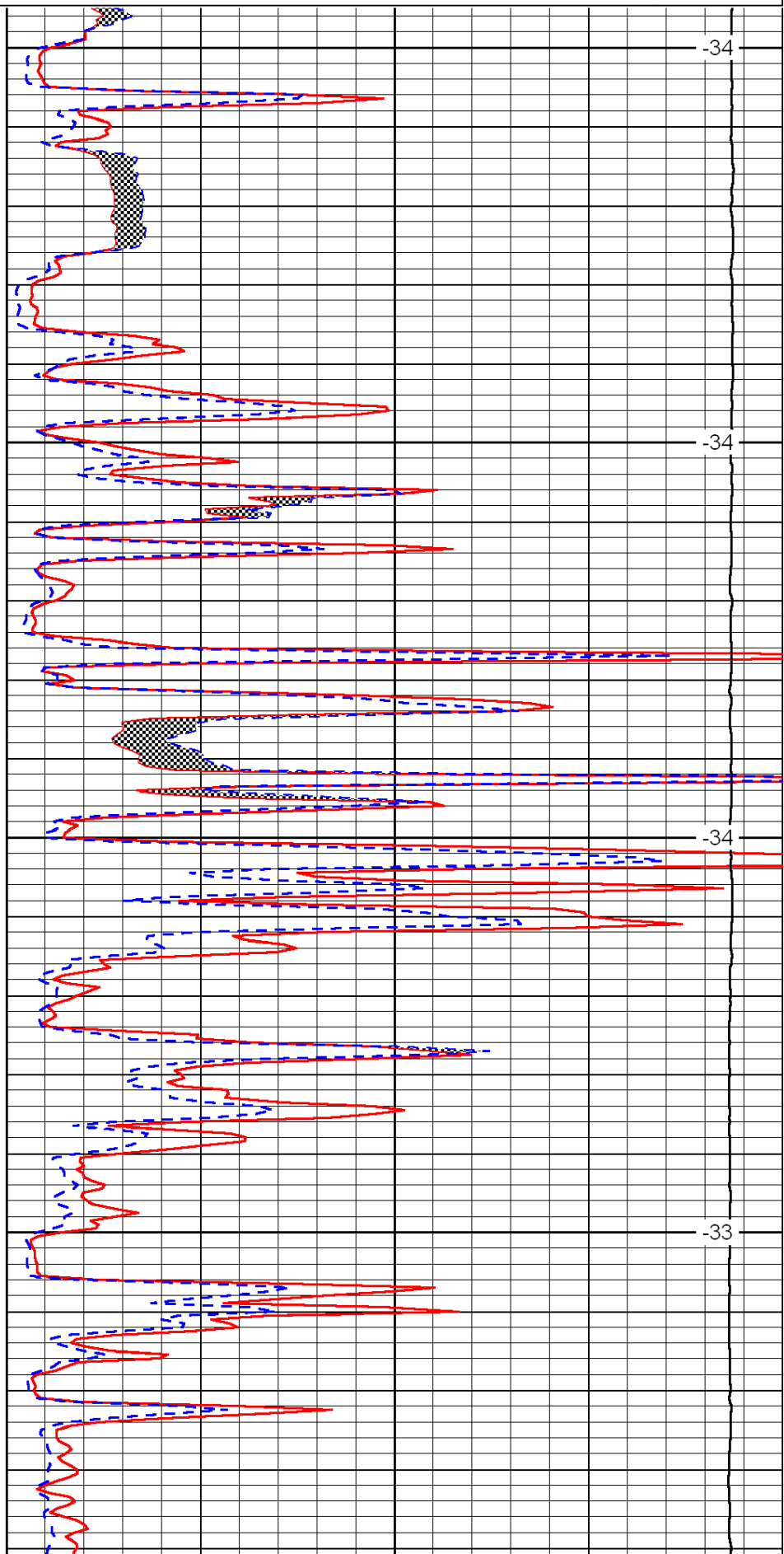
Thank you for using Log-Tech, Inc.
(785) 625-3858

Zurich, 2 West to Road 8, South 2 to Z road, 1/2 West

Charted by: Depth in Feet scaled 1:2.15		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

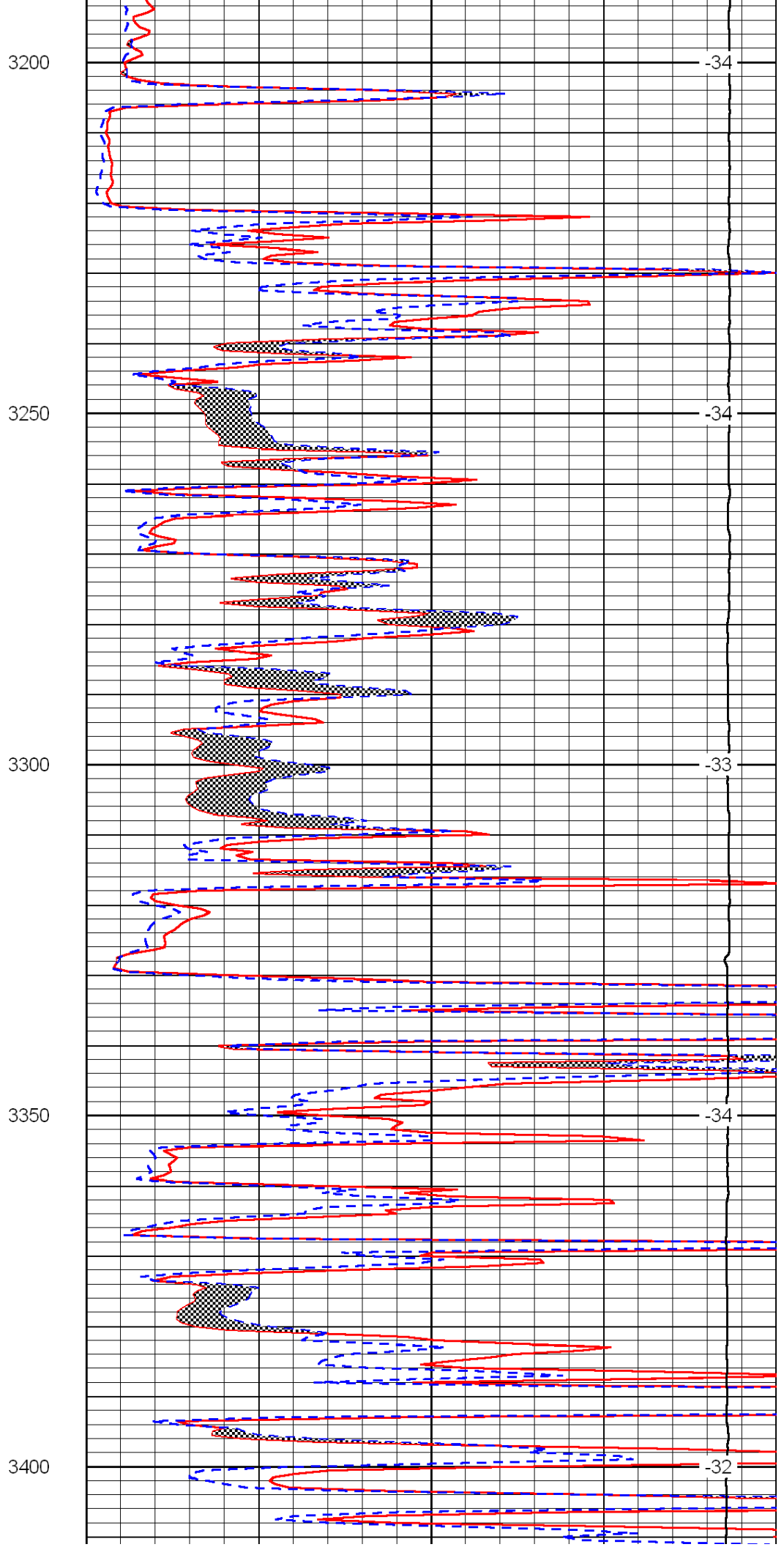
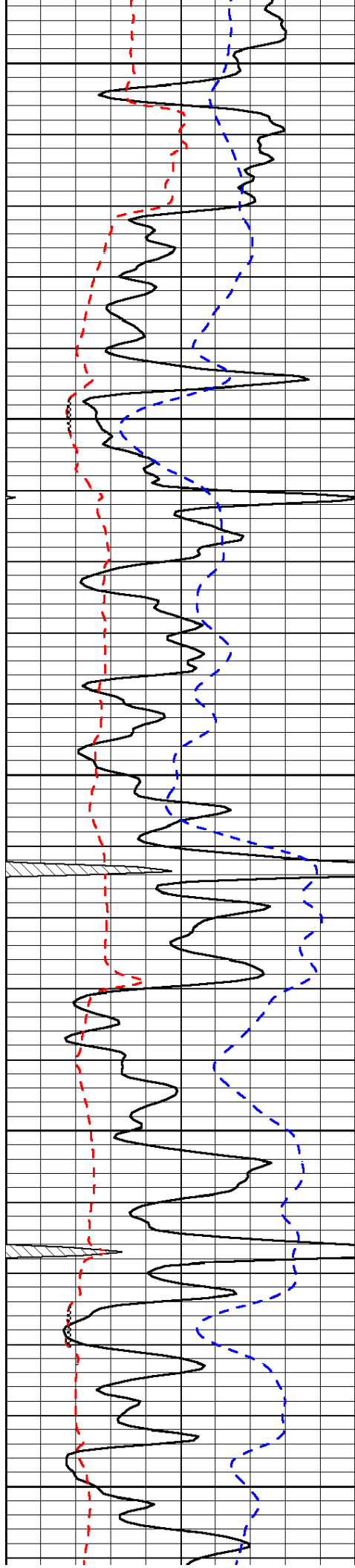


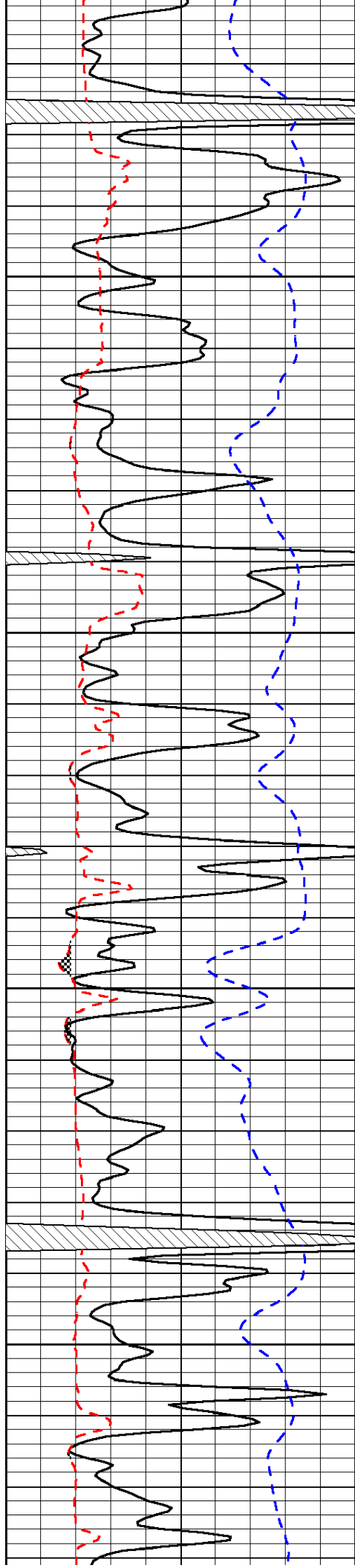
3000
3050
3100
3150



0	Micro Inverse 1 X 1	40
0	Micro Normal 2''	40
15000	Line Weight	0

LSPD



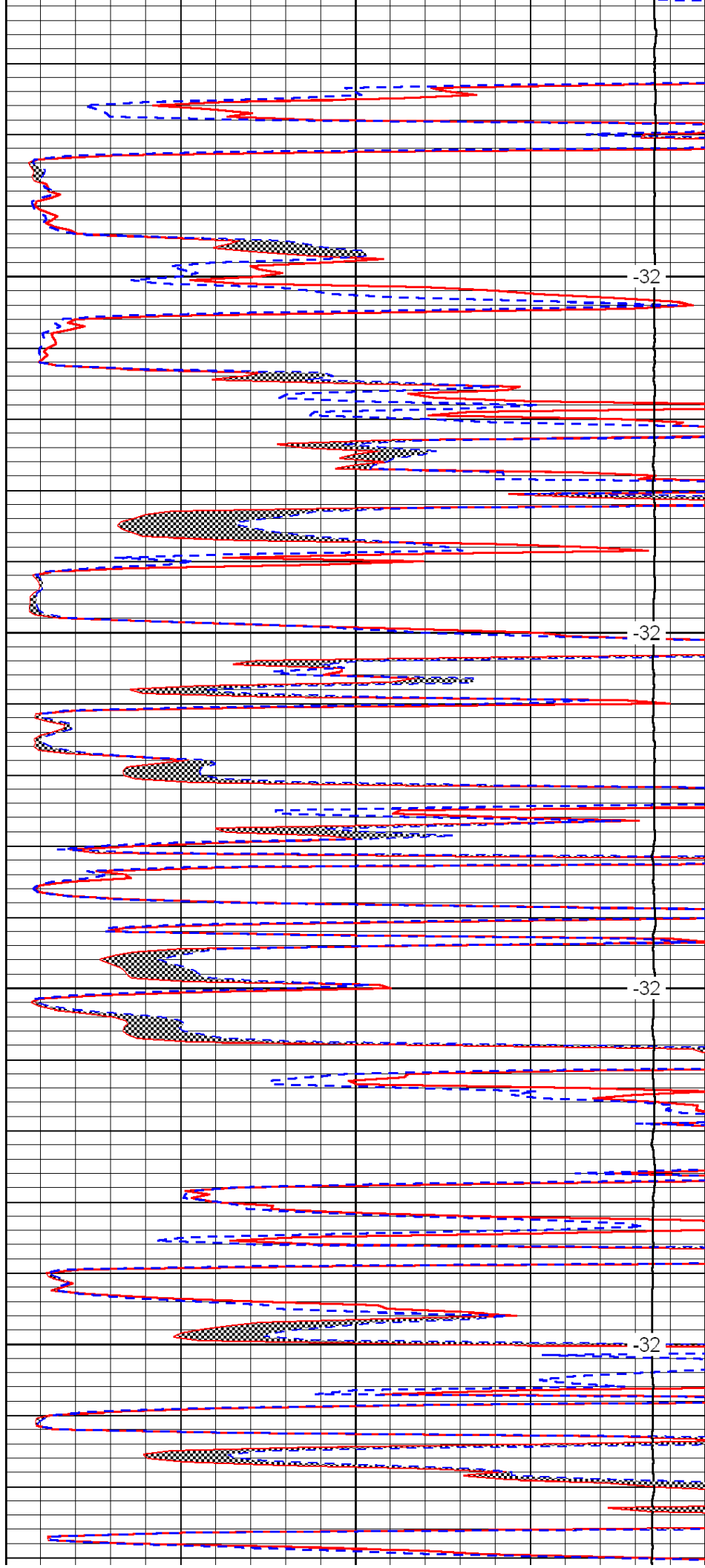


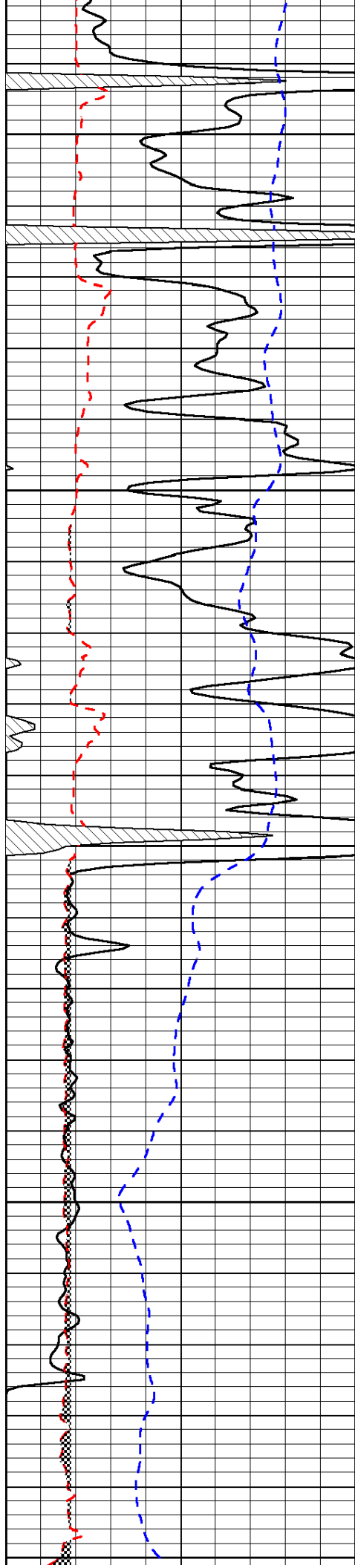
3450

3500

3550

3600





3650

3700

3750

3800

3850

