



Pioneer Energy Services

Microresistivity Log

API No.	Company LB Exploration, Inc.				
	Well Jezek #4				
	Field Stoltenberg				
	County Ellsworth	State	Kansas		
15-053-21,283-00-00	Location	2310' FNL & 1155' FEL		Other Services CNL/CDL DIL	
	Sec: 21	Twp: 16 S	Rge: 10 W	Elevation K.B. 1875 D.F. 1862 G.L. 1862	
Permanent Datum	Ground Level	Elevation 1862			
Log Measured From	Kelly Bushing	13 Ft. Above Perm. Datum			
Drilling Measured From	Kelly Bushing				
Date	3/5/2013				
Run Number	Two				
Depth Driller	3610				
Depth Logger	3610				
Bottom Logged Interval	3609				
Top Log Interval	2600				
Casing Driller	8.625 @ 668				
Casing Logger	667				
Bit Size	7.875				
Type Fluid in Hole	Chemical				
Salinity, ppm CL	5000				
Density / Viscosity	9.2	59			
pH / Fluid Loss	9.0	8.0			
Source of Sample	Flowline				
Rm @ Meas. Temp	.68 @ 50				
Rmf @ Meas. Temp	.51 @ 50				
Rmc @ Meas. Temp	.92 @ 50				
Source of Rmf / Rmc	Charts				
Rm @ BHT	.30 @ 114				
Operating Rig Time	4 1/2 Hours				
Max Rec. Temp. F	114				
Equipment Number	91				
Location	Hays				
Recorded By	D. Martin				
Witnessed By	Steven Petermann				

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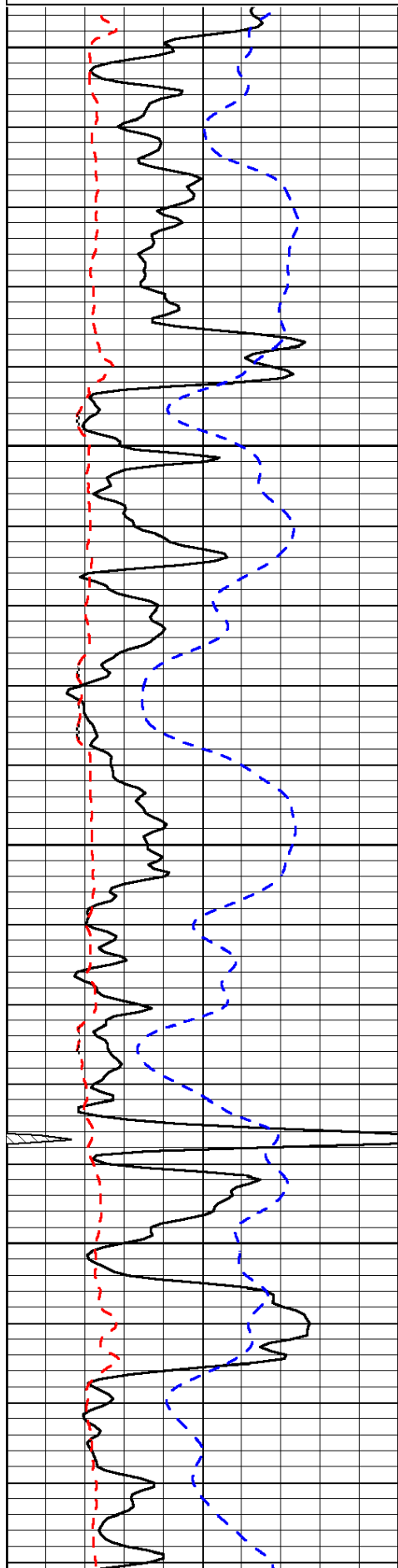
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 Pioneer Energy Services
www.pioneerres.com
785 625 3858
Wilson, KS
S on Hwy 150 to P Rd.,
3 E to 4 Rd., 1/2 S to driveway,
W Into

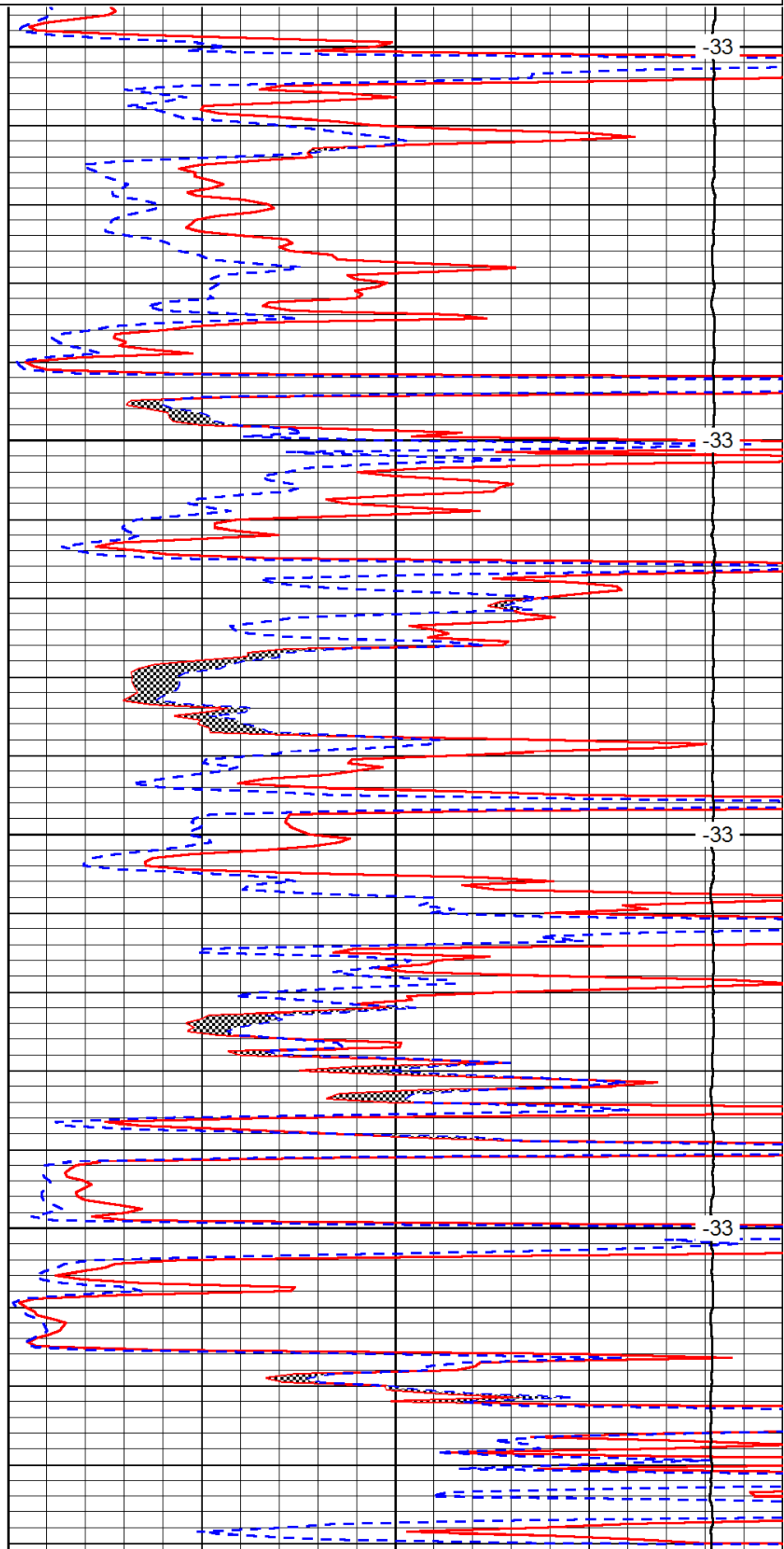
Database File: c:\warrior\data\lb exploration_jezek #4\lbhd.db
Dataset Pathname: DIL\lbstk
Presentation Format: micro
Dataset Creation: Tue Mar 05 17:55:21 2013
Charted by: Depth in Feet scaled 1:240

Charted by: Depth in Feet scaled 1:210		
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

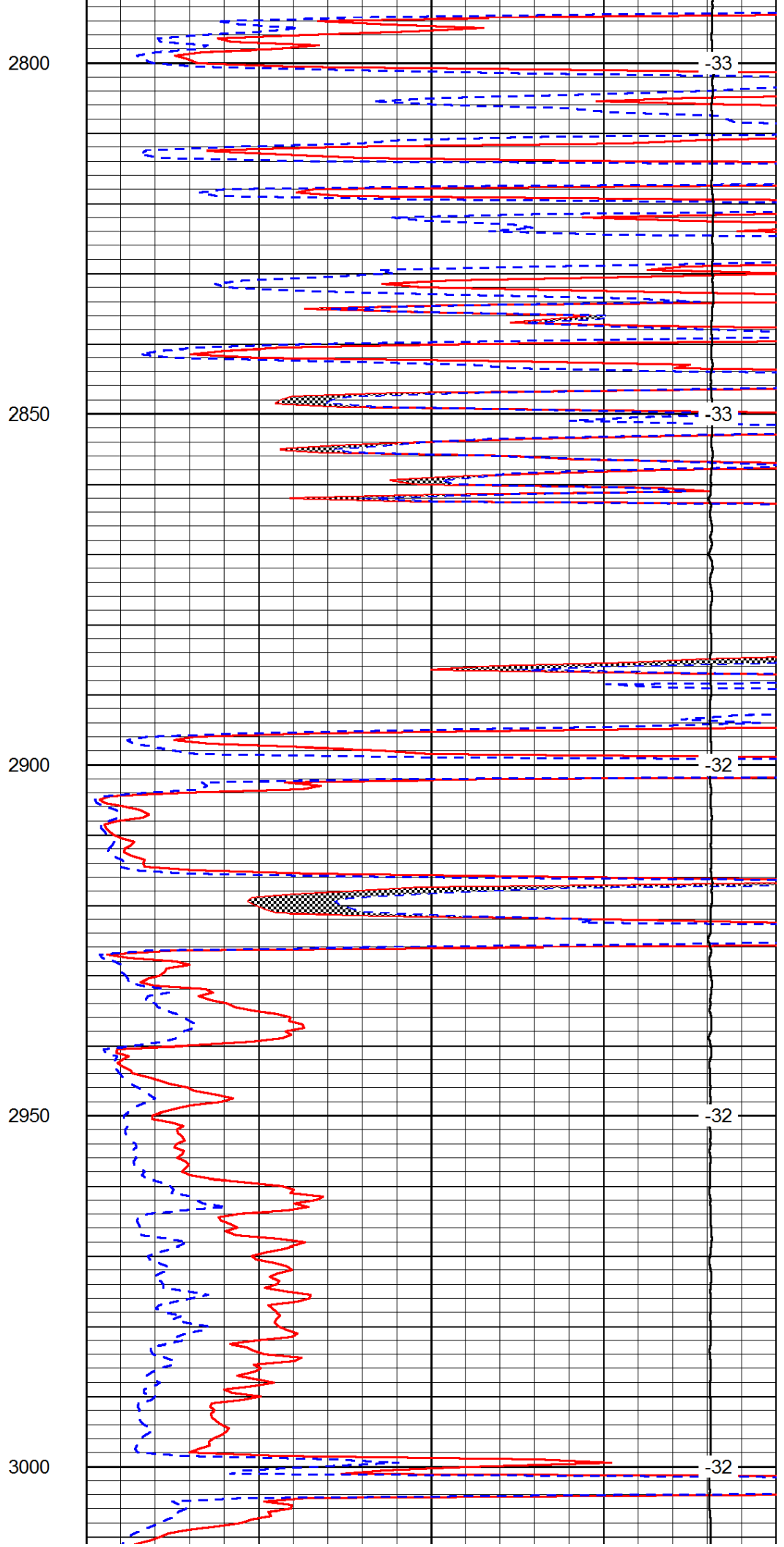
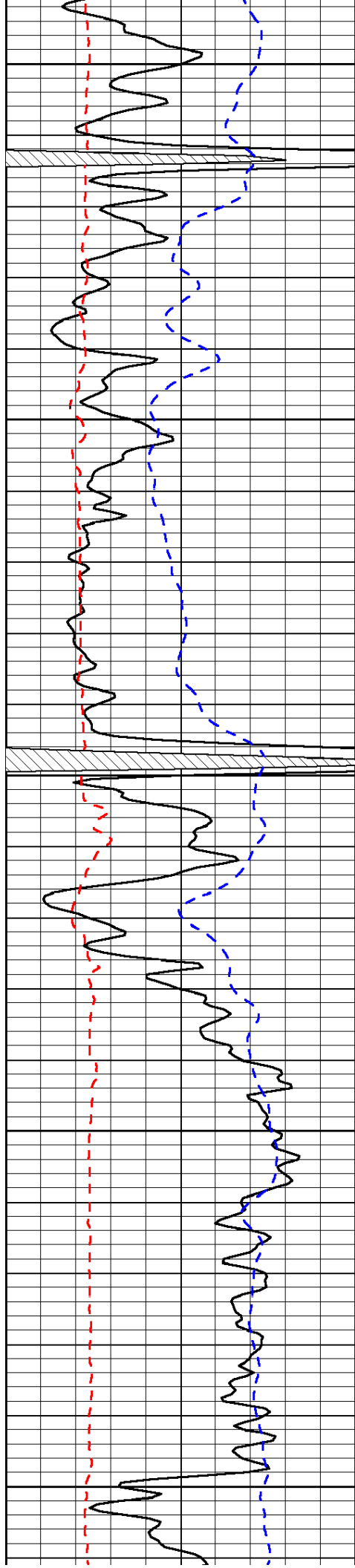


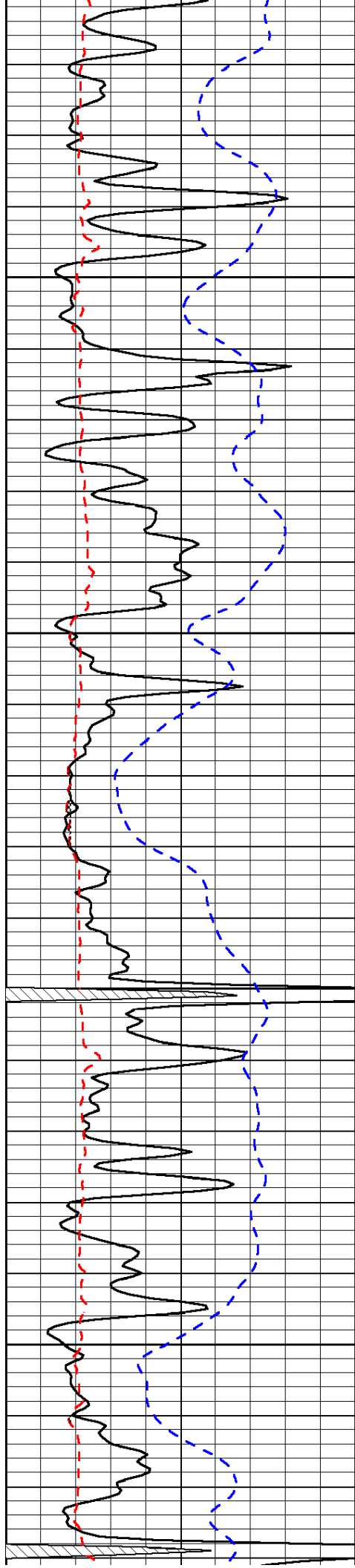
2600
2650
2700
2750

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



LSPD



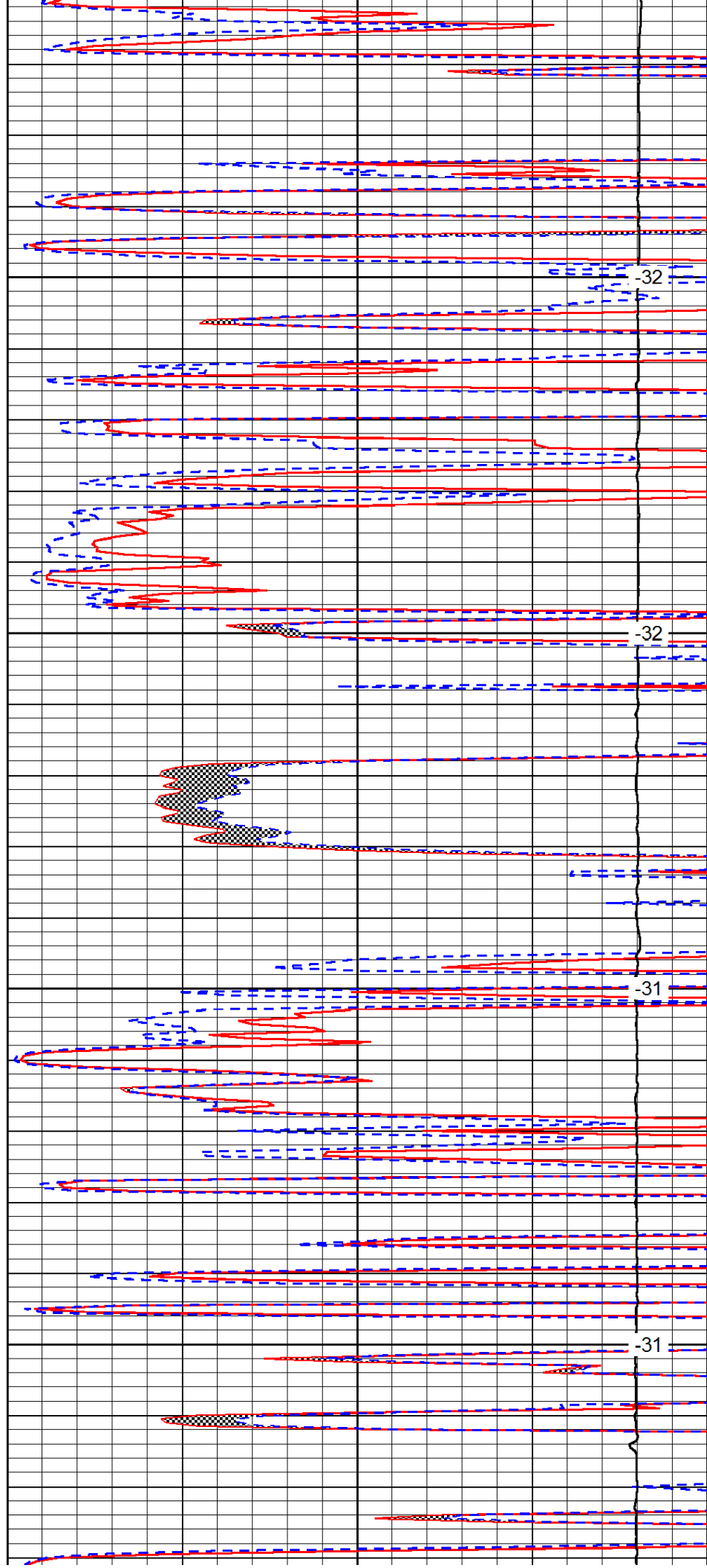


3050

3100

3150

3200

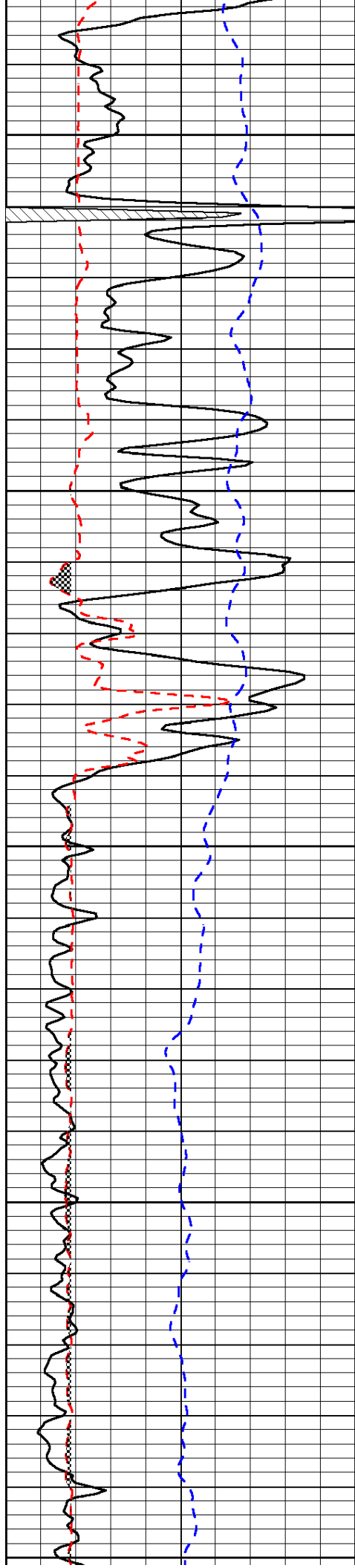


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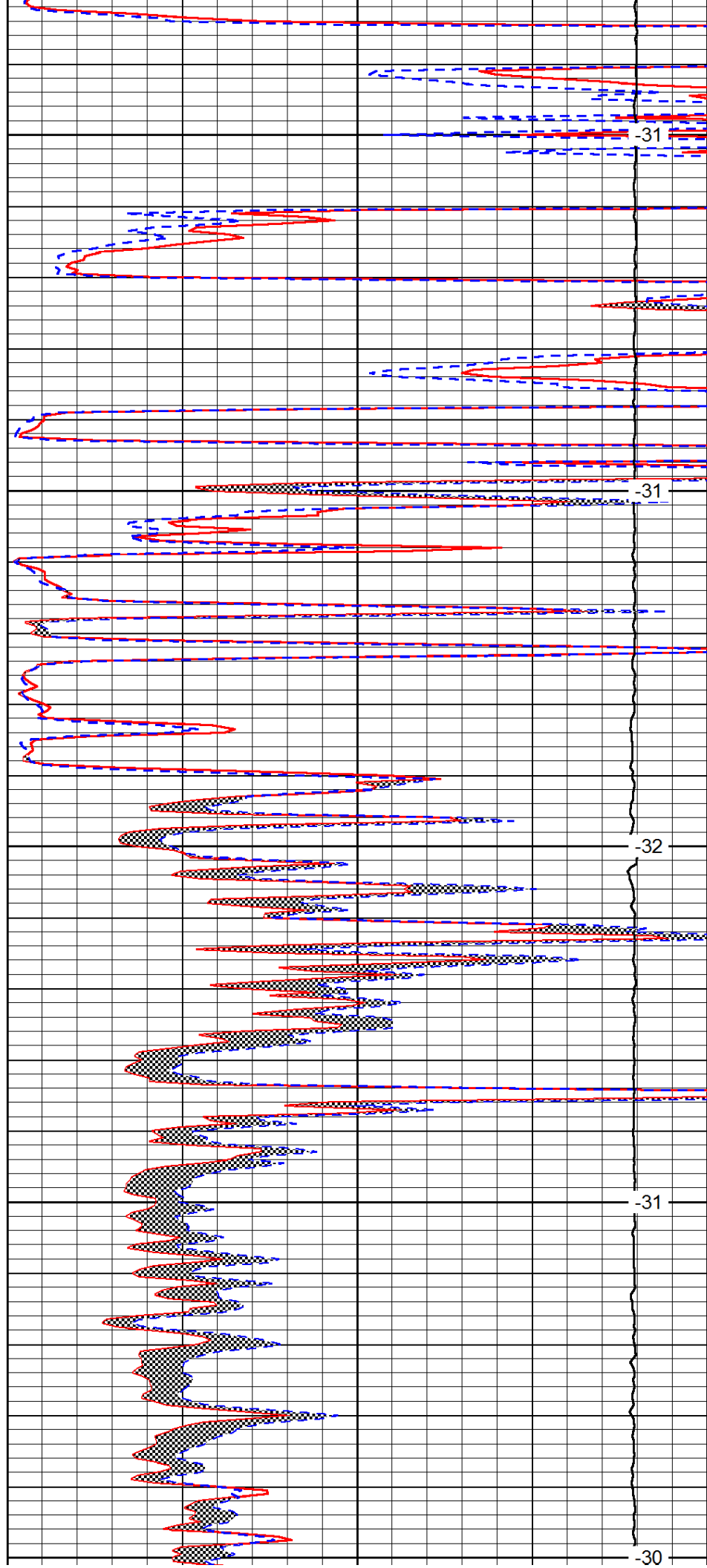
3250

3300

3350

3400

3450



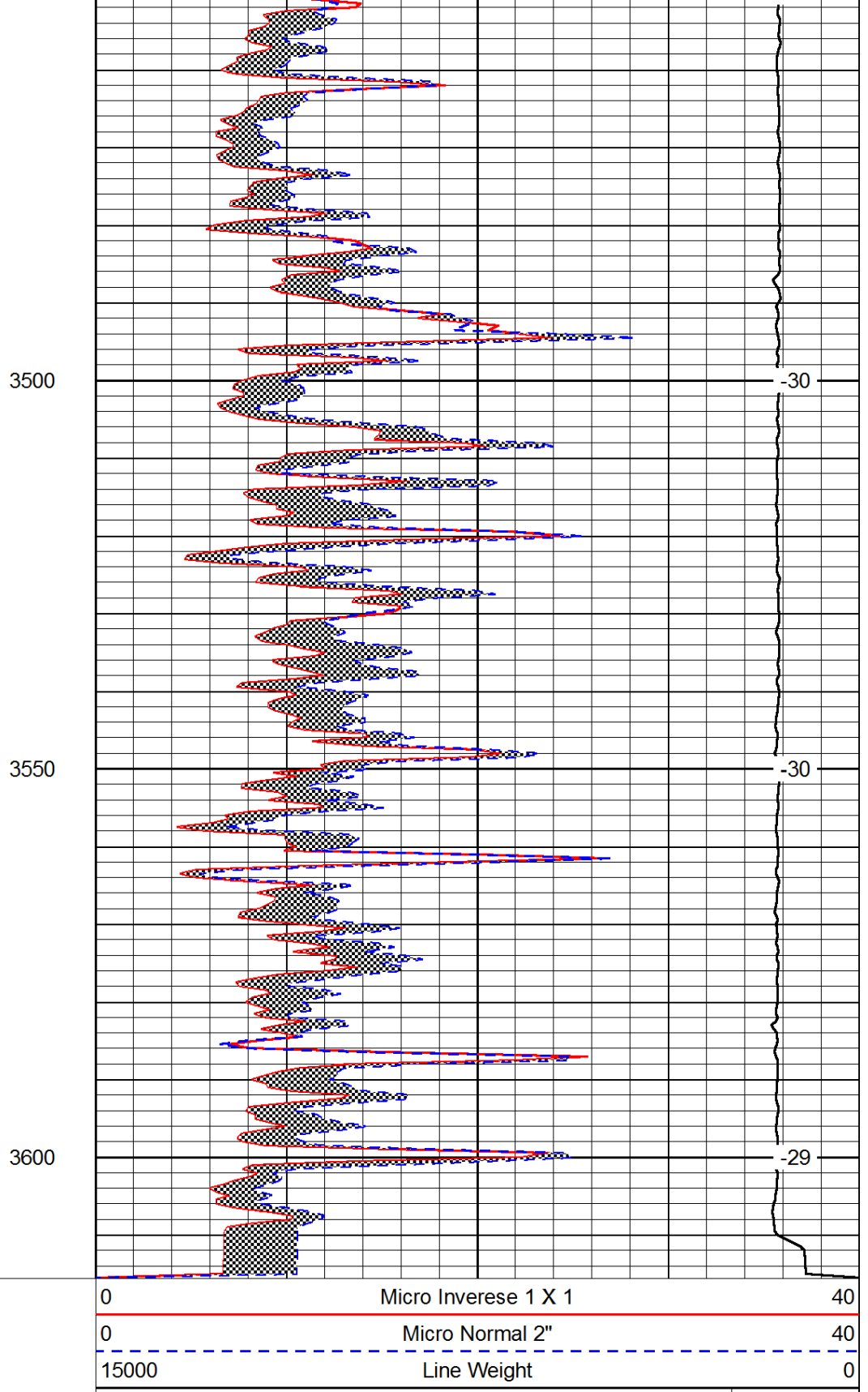
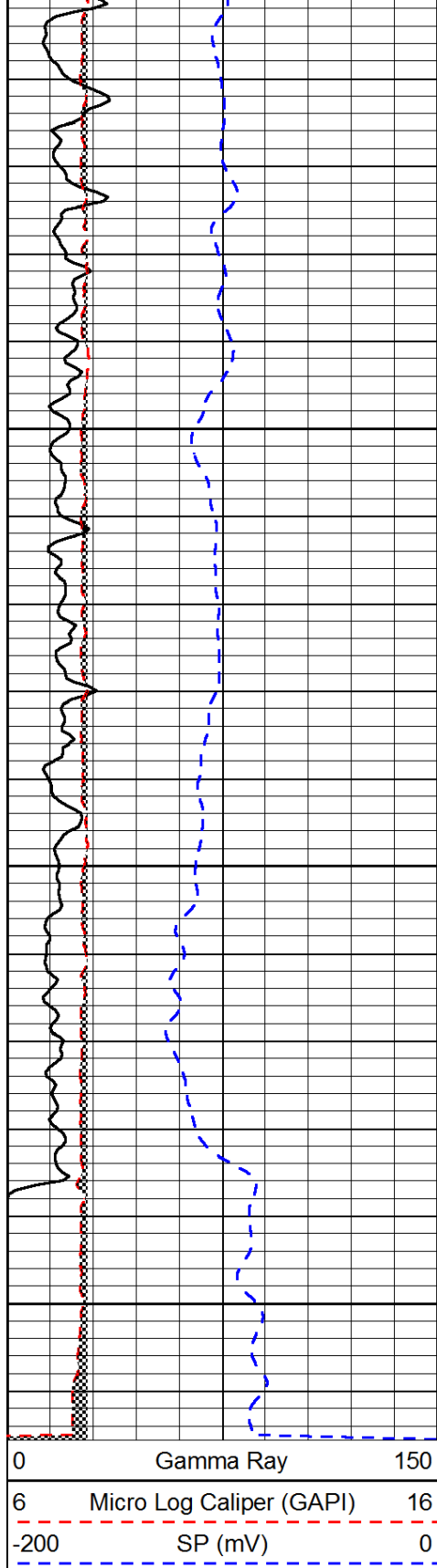
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LSPD