



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	15-051-26,233-00-00		
Company	Central Operating, Inc.		
Well	Fredd Haas No. 2		
Field	Dechant West		
County	Ellis	State	Kansas
Location	2310' FSL & 2260' FWL		Other Services RAG
Sec: 1	Twp: 15 S	Rge: 19 W	Elevation K.B. 2106 D.F. 2101 G.L. 2101

Permanent Datum	Ground Level	Elevation 2101
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	3/31/2012	
Run Number	Two	
Depth Driller	3691	
Depth Logger	3689	
Bottom Logged Interval	3688	
Top Log Interval	2700	
Casing Driller	8.625 @ 218	
Casing Logger	218	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	12.000	
Density / Viscosity	9.1 53	
pH / Fluid Loss	10.0 9.6	
Source of Sample	Flowline	
Rm @ Meas. Temp	.15 @ 78	
Rmf @ Meas. Temp	.11 @ 78	
Rmc @ Meas. Temp	.20 @ 78	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.10 @ 115	
Operating Rig Time	4 Hours	
Max Rec. Temp. F	115	
Equipment Number	91	
Location	Hays	
Recorded By	D.Kerr	
Witnessed By	Ed Glassman	

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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.

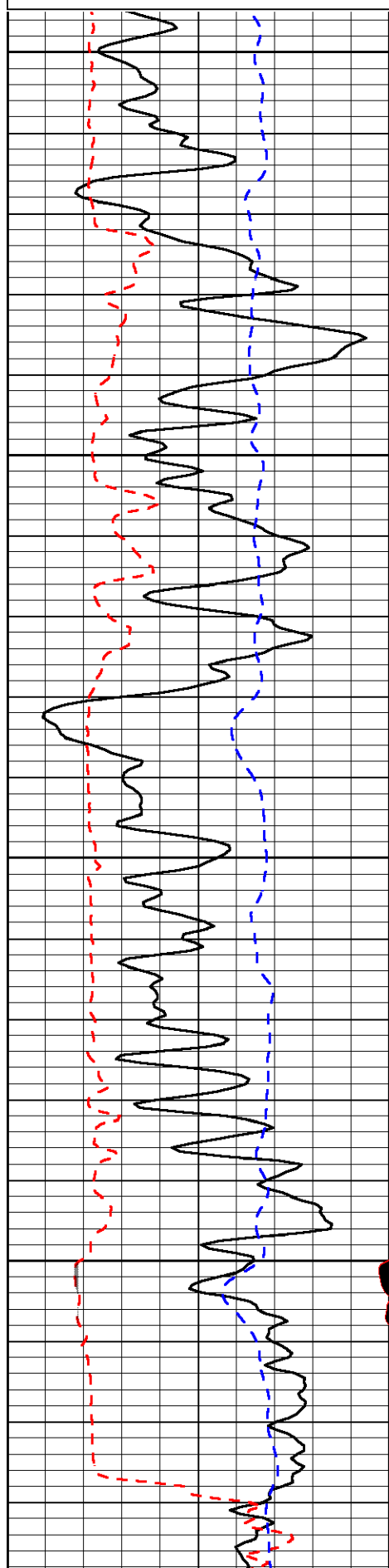
Comments

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

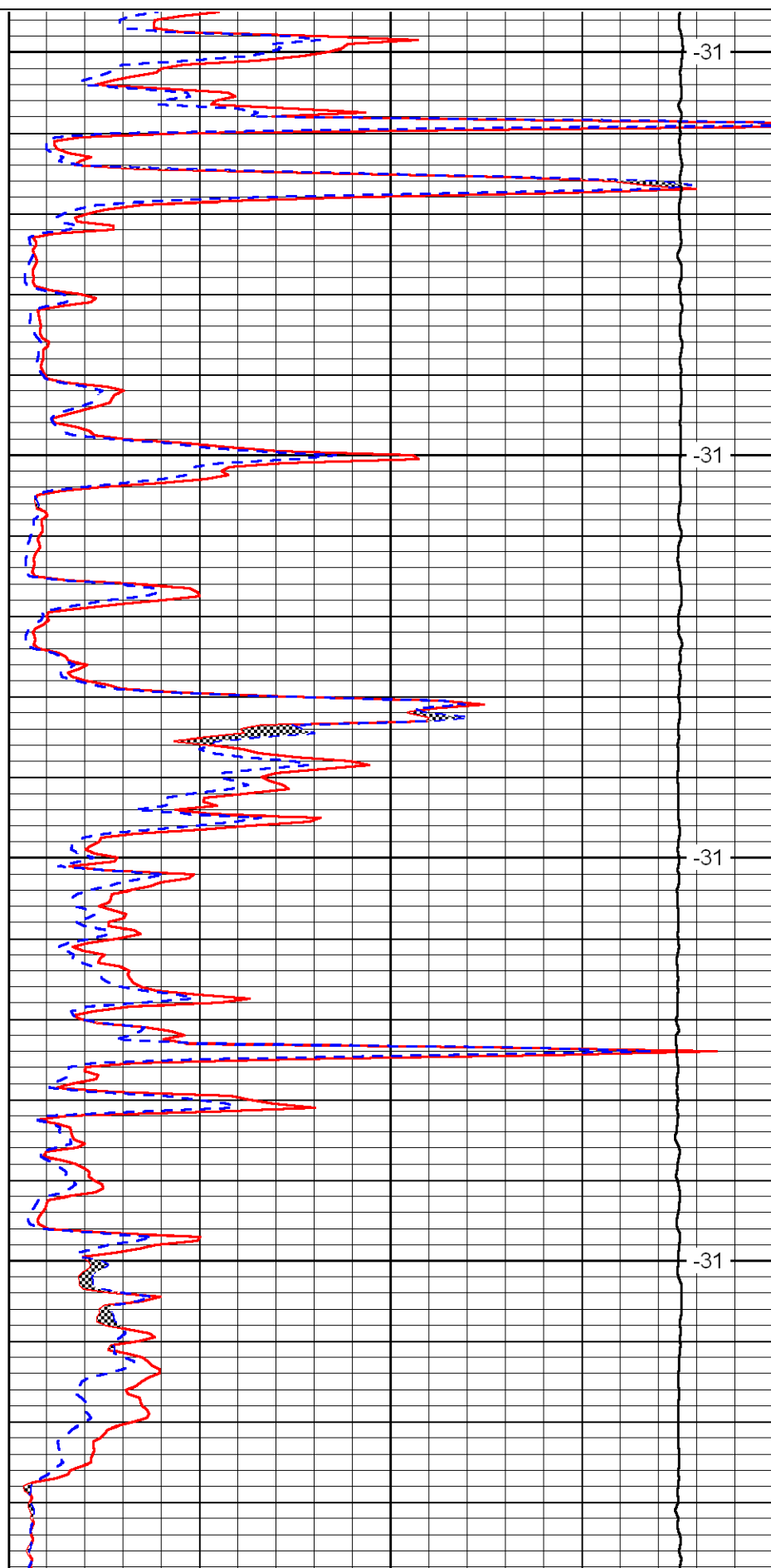
Hays KS, South On 240th Ave
to Antonino Black Top,
2 1/2 West, South Into

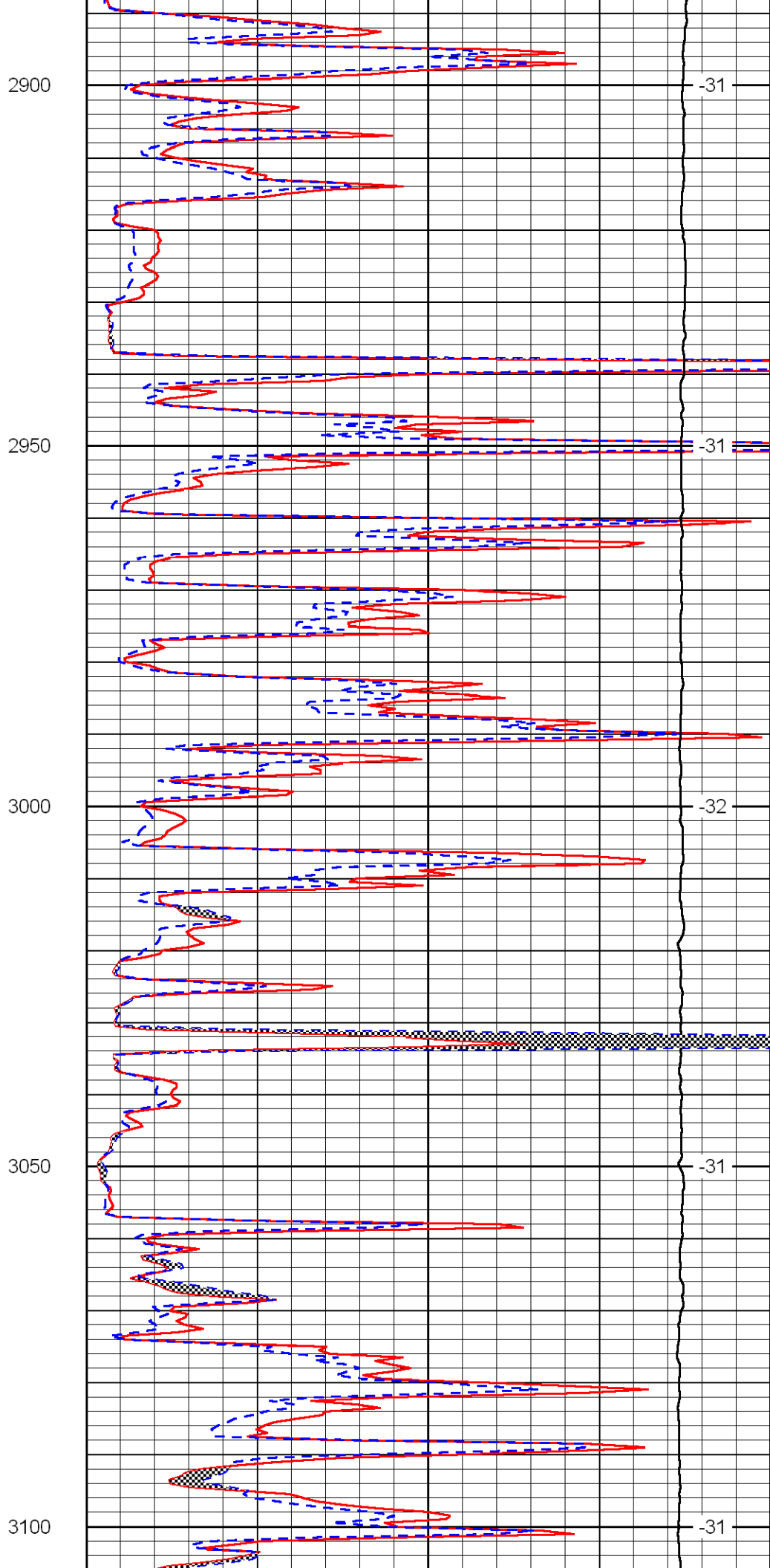
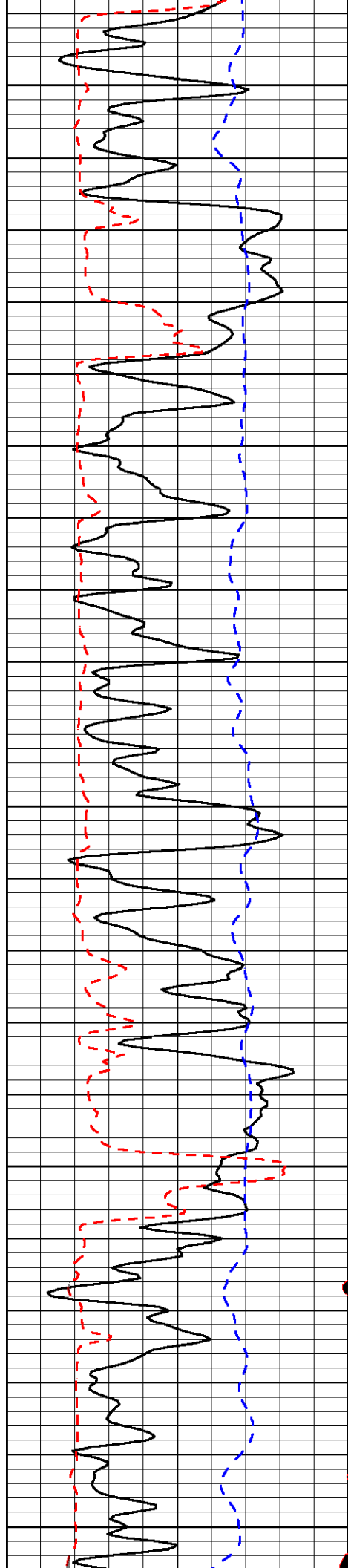
Database File: centraloperating_033112hd.db
Dataset Pathname: RAG/cprag
Presentation Format: micro
Dataset Creation: Sat Mar 31 19:14:56 2012
Charted by: Depth in Feet scaled 1:240

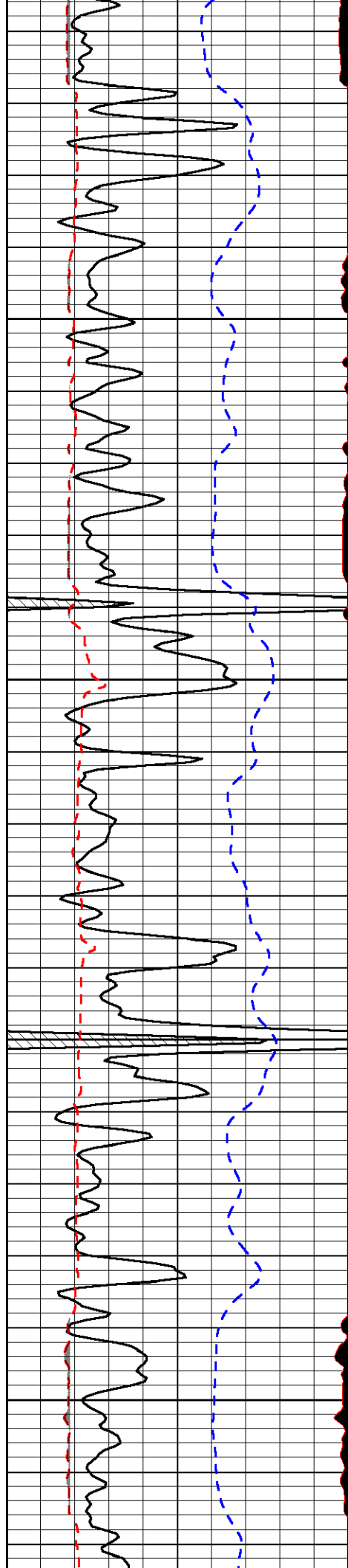
0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
10000	Line Weight	0





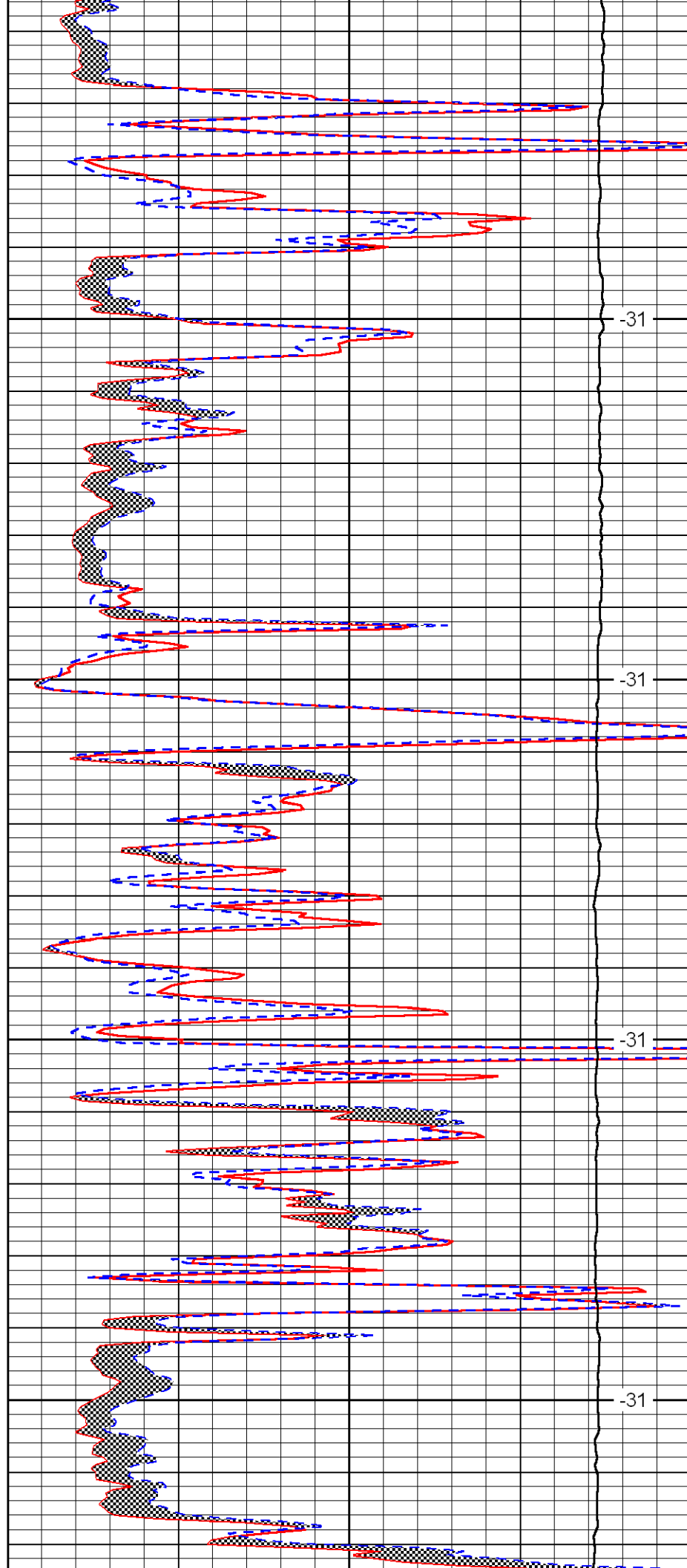


3150

3200

3250

3300

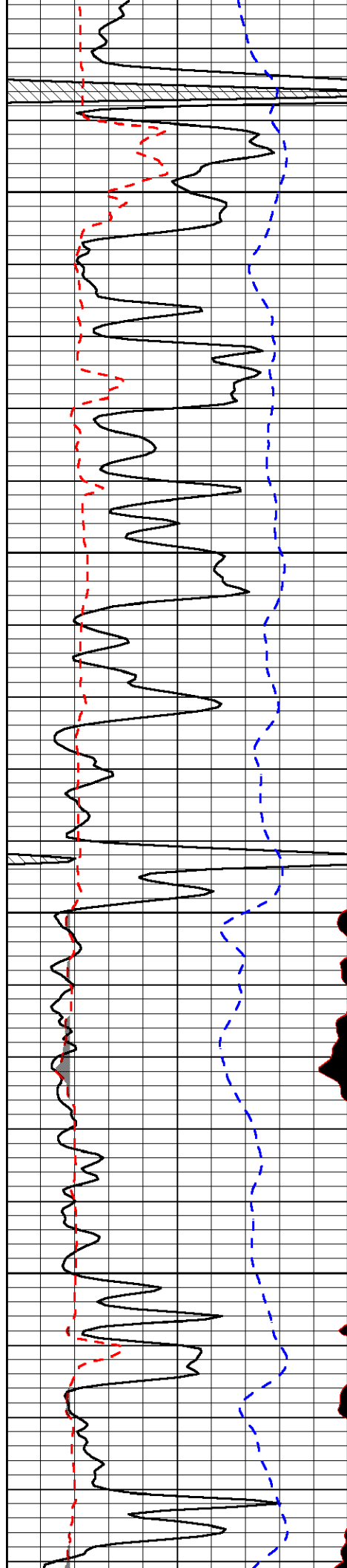


-31

-31

-31

-31

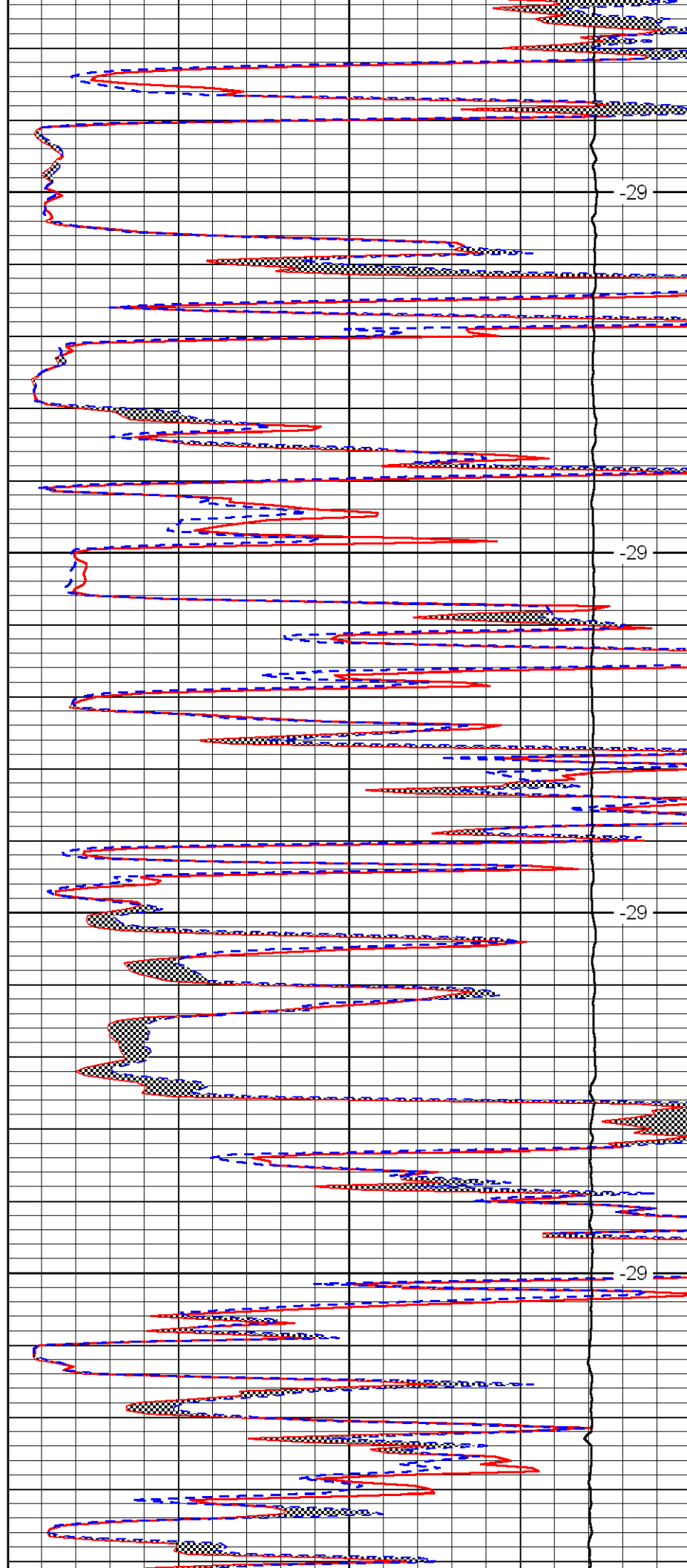


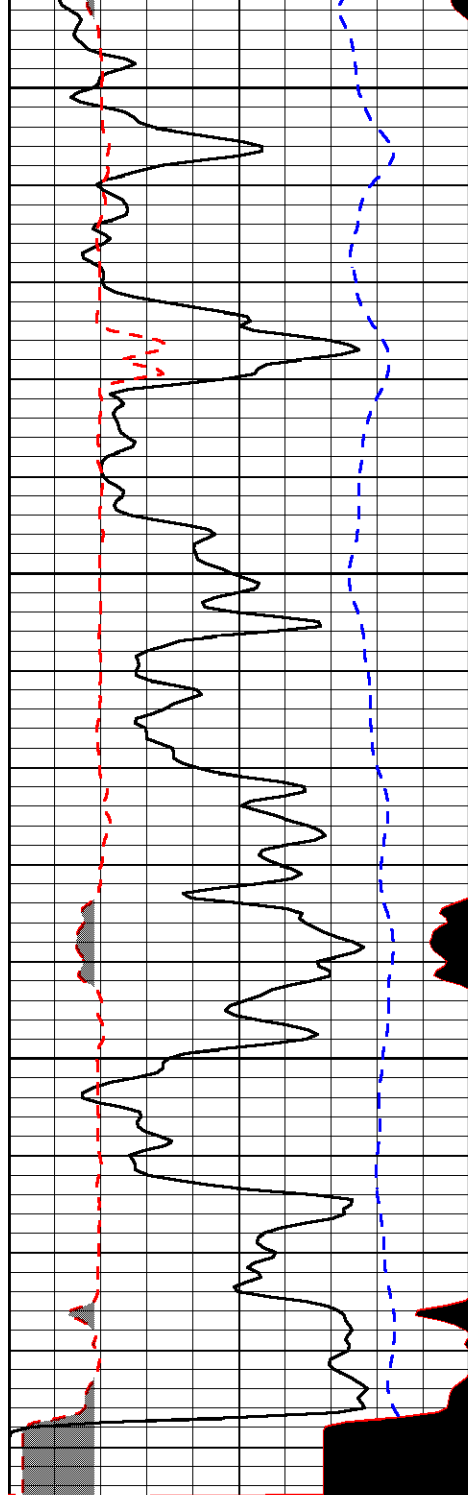
3350

3400

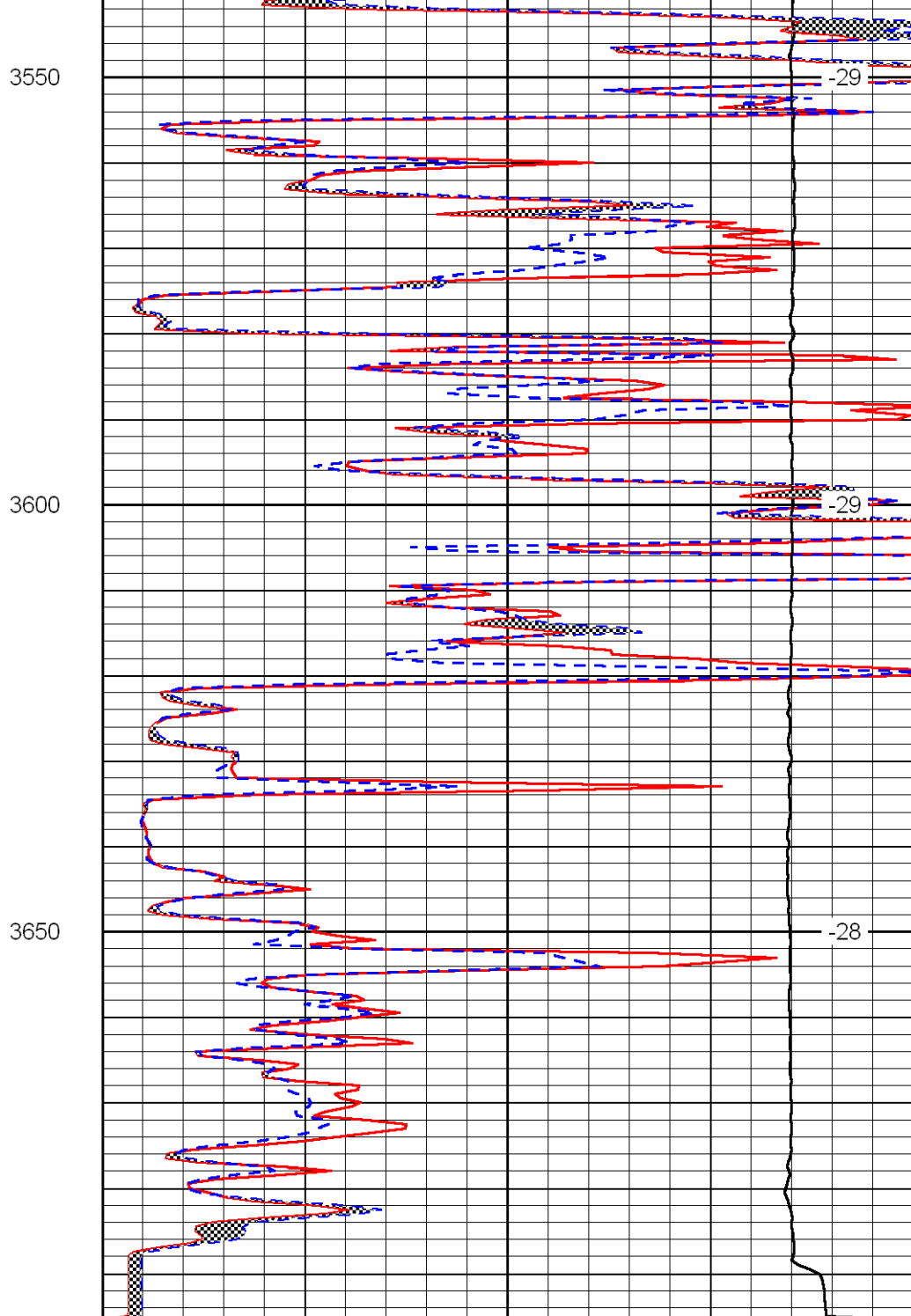
3450

3500





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		LSPD