



Microresistivity Log

DIGITAL LOG (785) 625-3858

API No. 15-051-26111-00-00		Company TDL, Inc.	
Well Engel No. 1		Field Schoenchen	
County Ellis		State Kansas	
Location SW - SW - SE - NE 2490' FNL & 1235' FEL		Other Services CNL/CDL DIL	
Sec: 21 Twp: 15 S Rge: 18 W		Elevation K.B. 1987 D.F. 1977 G.L. 1977	
Permanent Datum Ground Level		Elevation 1977	
Log Measured From Kelly Bushing		10 Ft. Above Perm. Datum	
Drilling Measured From Kelly Bushing			
Date	4/7/2011		
Run Number	Two		
Depth Driller	3650		
Depth Logger	3654		
Bottom Logged Interval	3653		
Top Log Interval	2800		
Casing Driller	8.625 @ 1155		
Casing Logger	1156		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	2700		
Density / Viscosity	9.1 51		
pH / Fluid Loss	10.5 7.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.40 @ 65		
Rmf @ Meas. Temp	1.05 @ 65		
Rmc @ Meas. Temp	1.89 @ 65		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.81 @ 113		
Operating Rig Time	3 1/2 Hours		
Max Rec. Temp. F	113		
Equipment Number	15		
Location	Hays		
Recorded By	B. Becker		
Witnessed By	Tom Denning	Herb Deines	

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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.

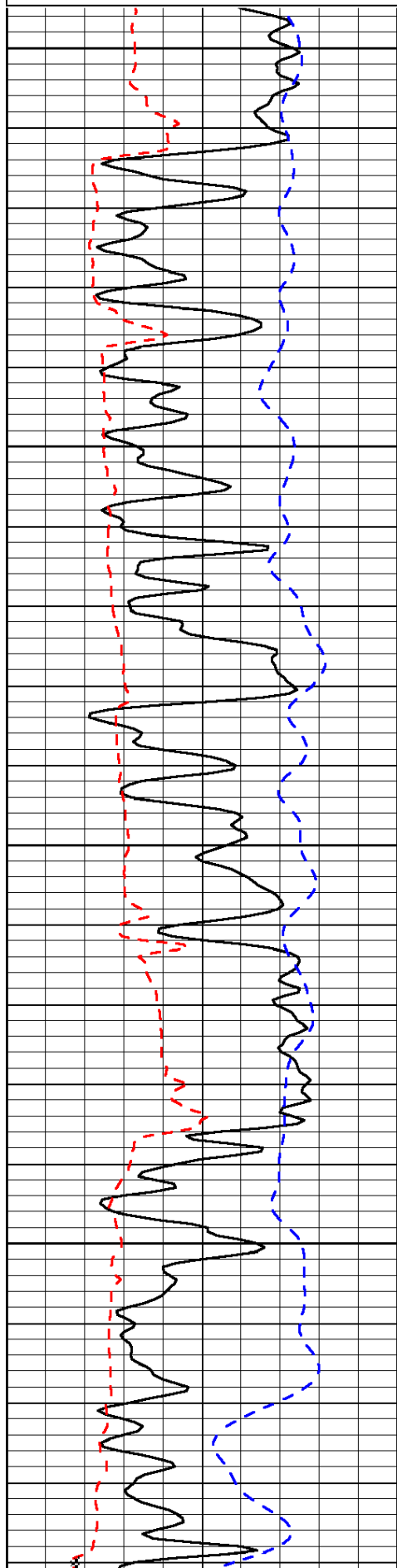
Comments

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

Hays, Ks; 8-1/4 South
West Into Location

Database File: c:\warrior\data\tdi_engel no. 1\tdihd.db
Dataset Pathname: DIL\tdistk
Presentation Format: micro
Dataset Creation: Thu Apr 07 23:20:28 2011
Charted by: Depth in Feet scaled 1:240

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

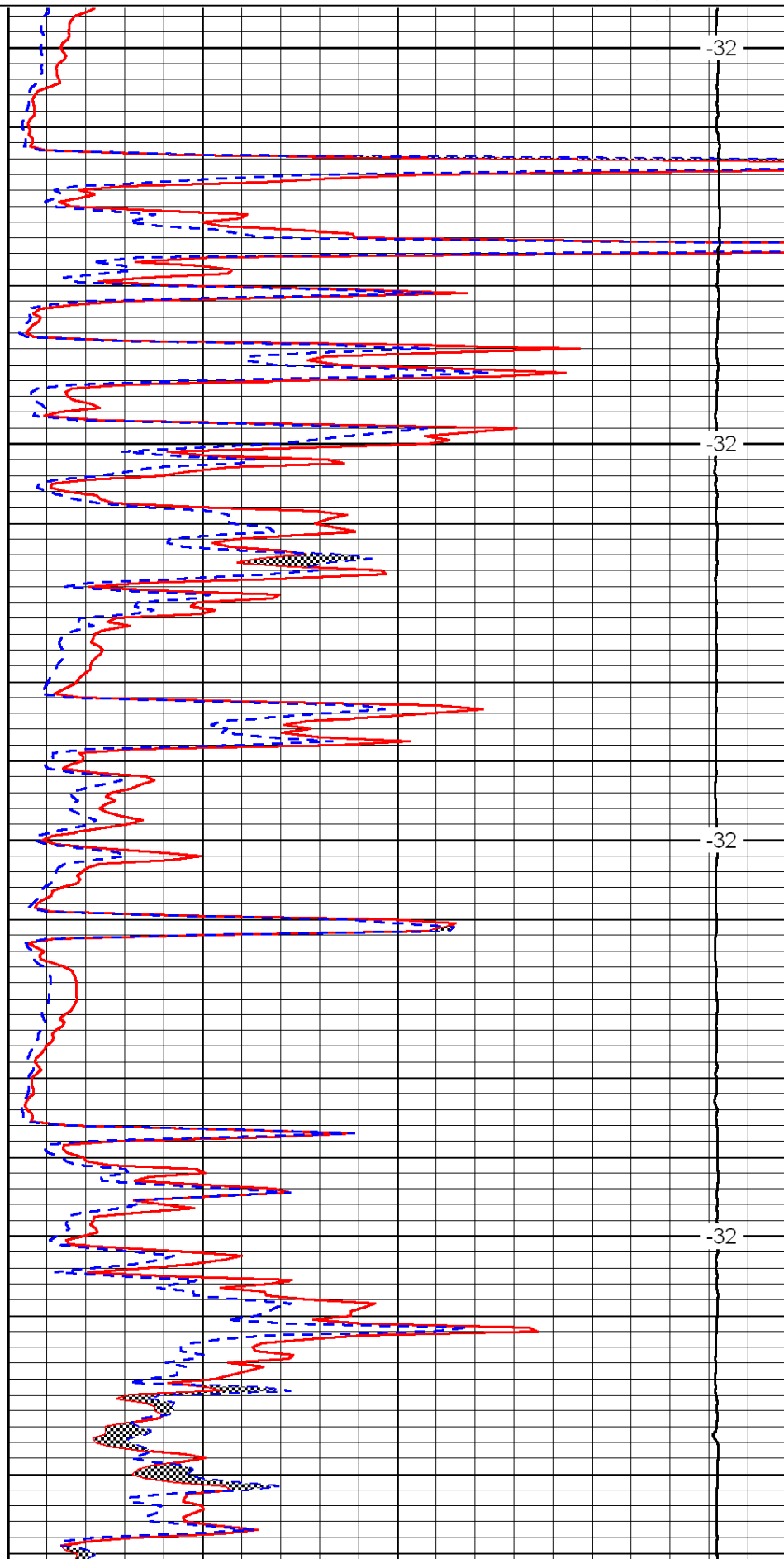


2800

2850

2900

2950

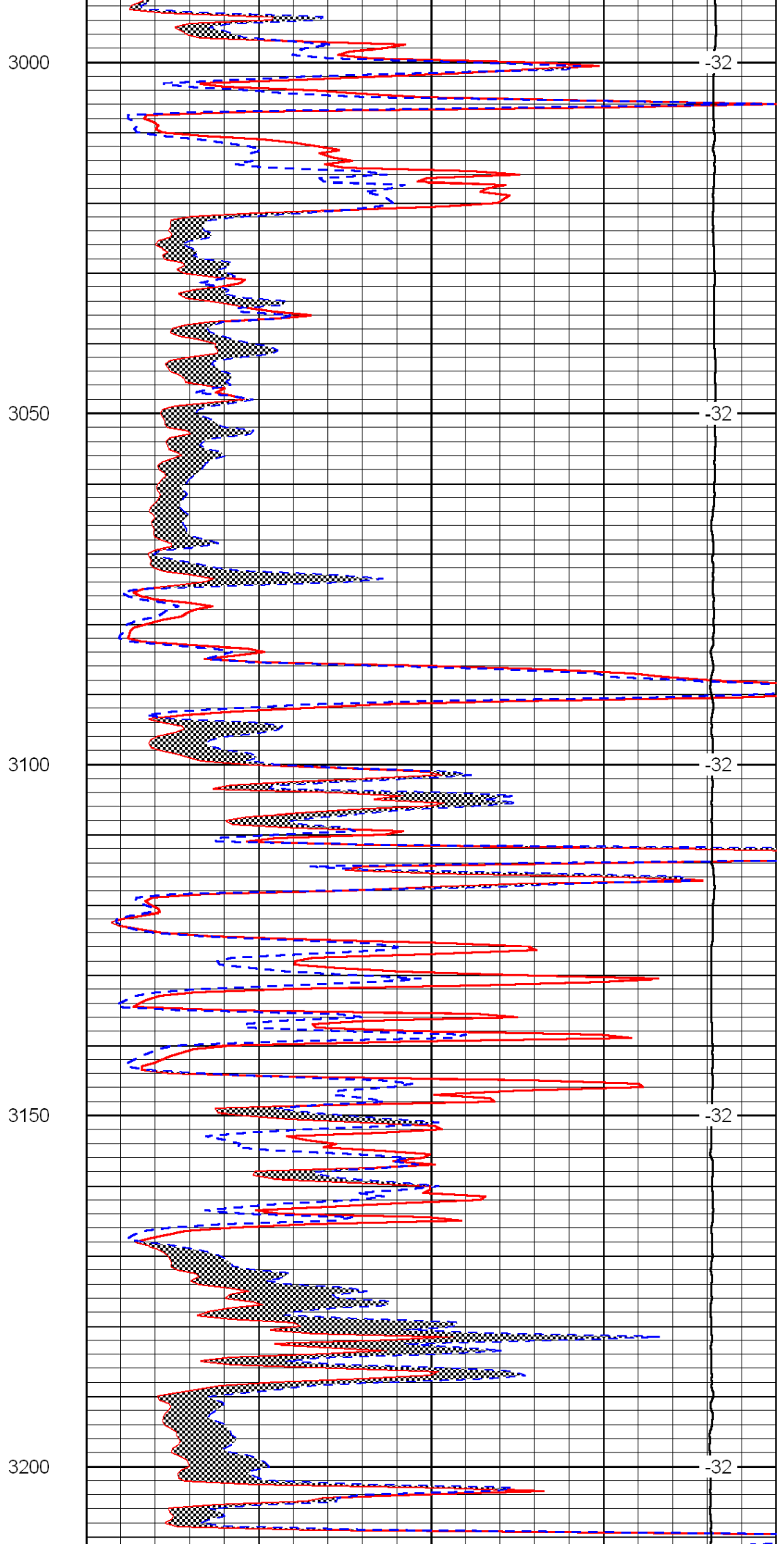
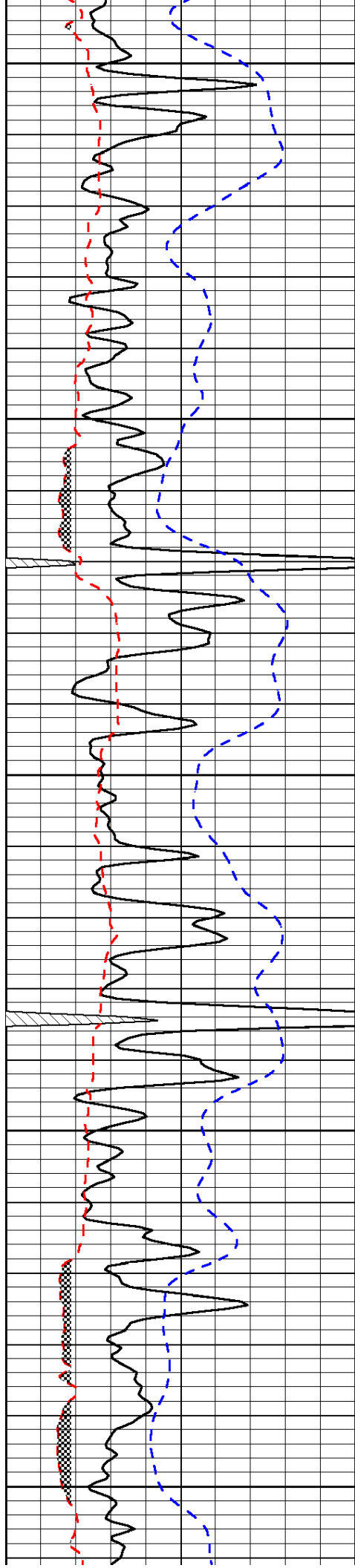


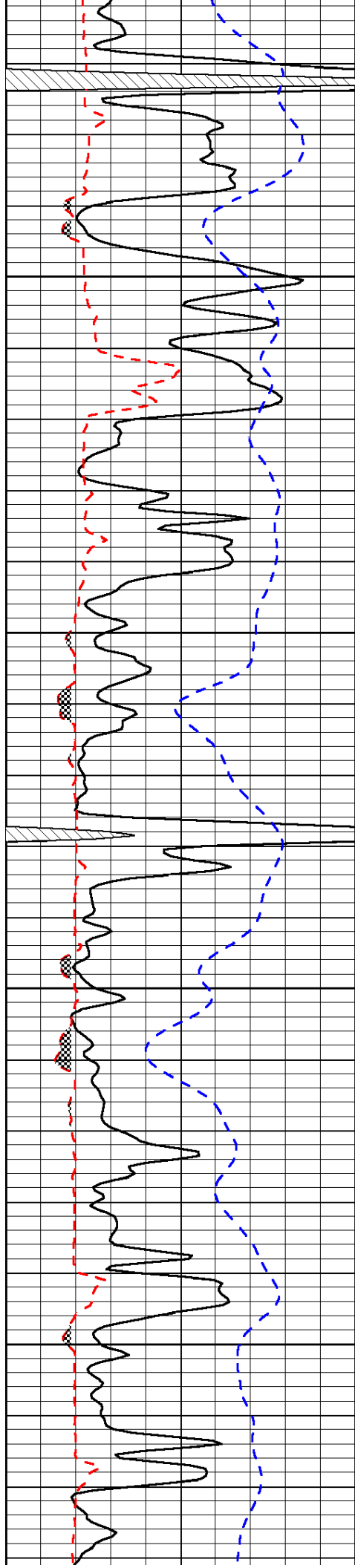
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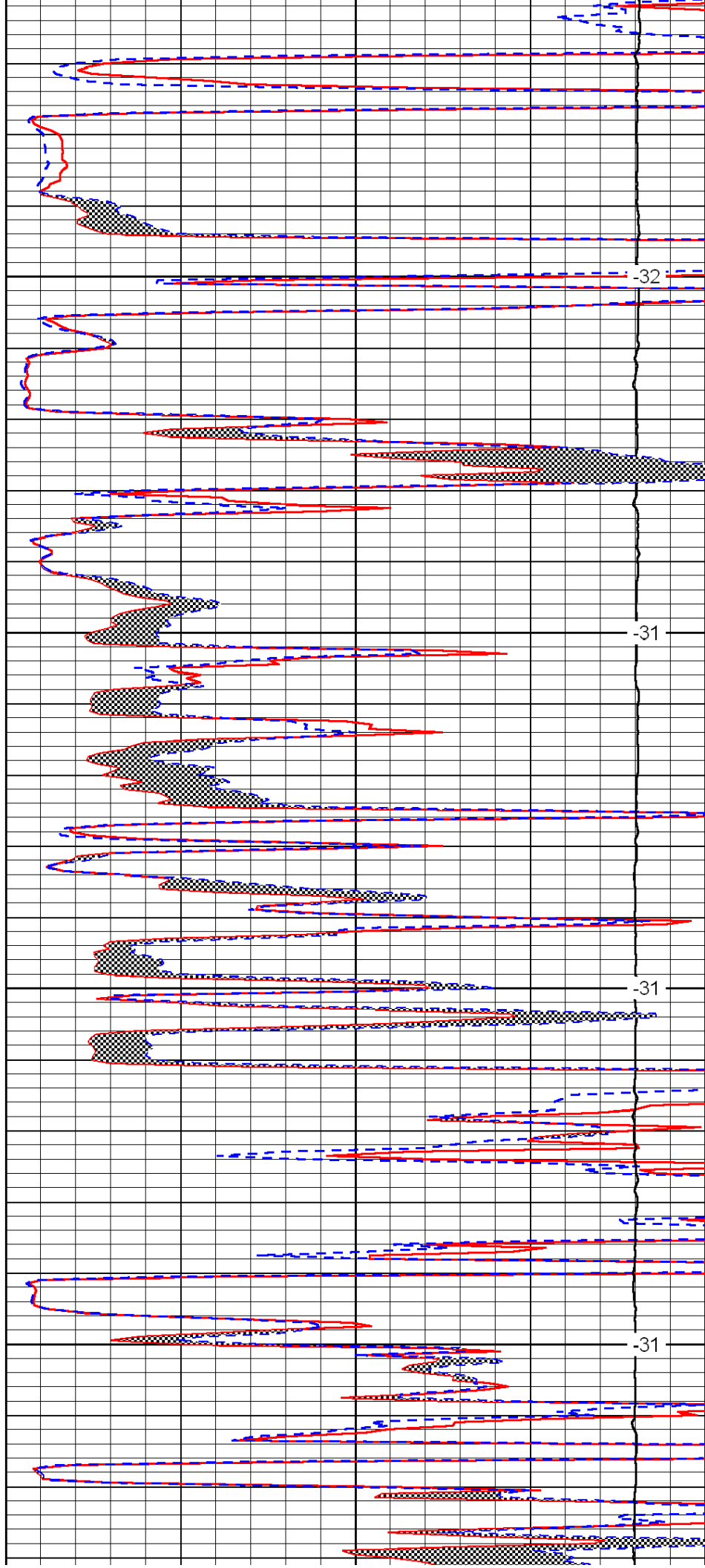


3250

3300

3350

3400

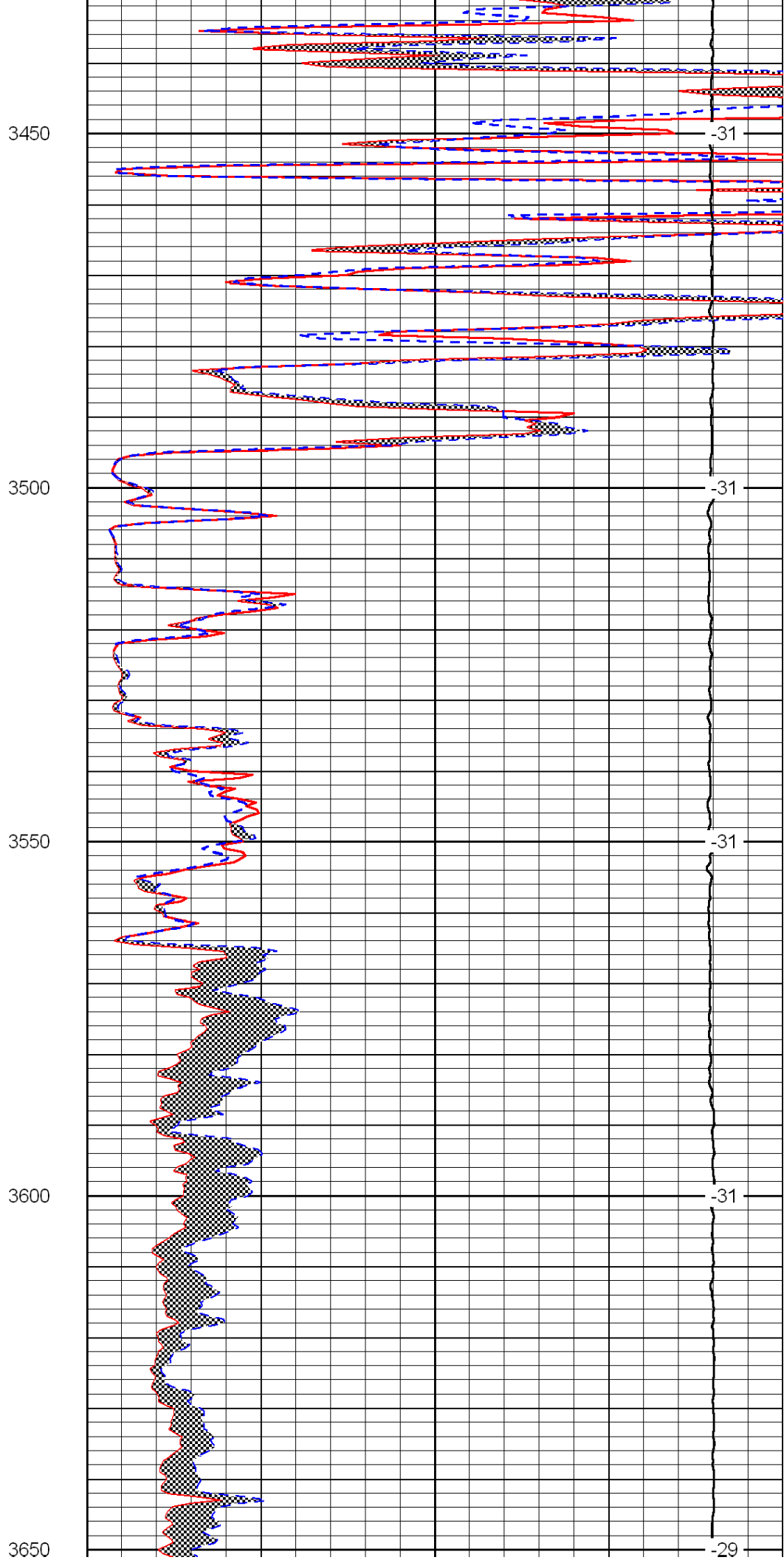
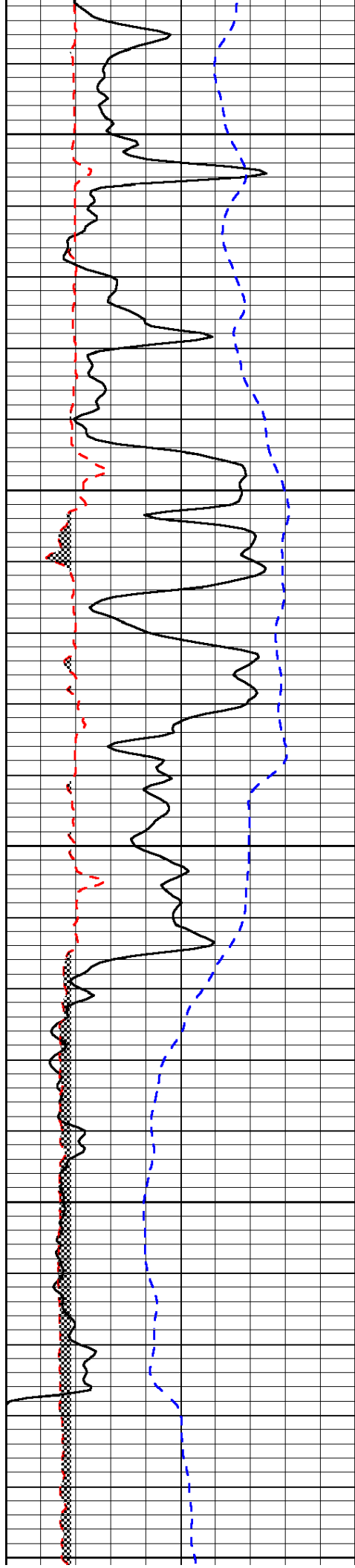


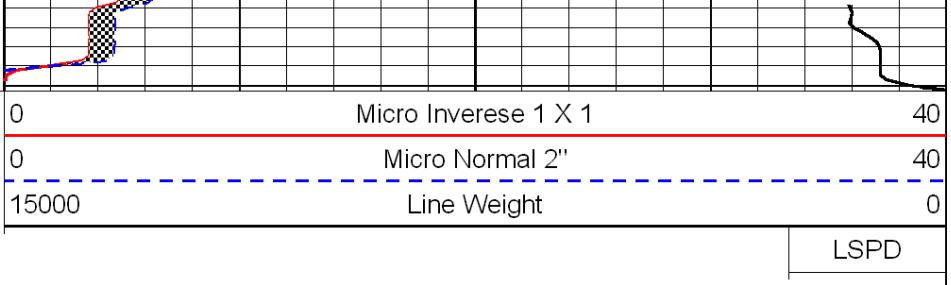
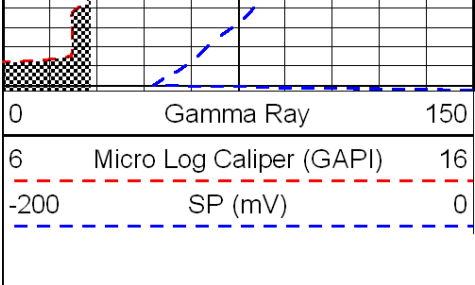
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