LOG-TECH

DIGITAL LOG (785) 625-3858

Microresistivity Log

API No. 15-203-20,162-00-00

Company Raymond Oil Company, Inc.

Well Holstein No. 1

Field Wildcat

County Wichita State Kansas

Location NE - NE - SW - NW
1503' FNL & 1124' FWL

Sec: 12 Twp: 20 S Rge: 36 W

Other Services
CNL/CDL
DIL

Elevation
K.B. 3204
D.F.
G.L. 3195

Permanent Datum	Ground Level	Elevation 3195		
Log Measured From	Kelly Bushing	9 Ft. Above Perm. Datum		
Drilling Measured From	Kelly Bushing			
Date	5/31/2011			
Run Number	Two			
Depth Driller	5183			
Depth Logger	5193			
Bottom Logged Interval	5192			
Top Log Interval	3400			
Casing Driller	8.625 @ 255			
Casing Logger	250			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	8,200			
Density / Viscosity	9.3 45			
pH / Fluid Loss	9.5 9.6			
Source of Sample	Flowline			
Rm @ Meas. Temp	0.30 @ 60			
Rmf @ Meas. Temp	0.23 @ 60			
Rmc @ Meas. Temp	0.41 @ 60			
Source of Rmf / Rmc	Charts			
Rm @ BHT	0.14 @ 128			
Operating Rig Time	5 Hours			
Max. Rec. Temp. F	128			
Equipment Number	15			
Location	Hays			
Recorded By	B. Becker			
Witnessed By	Max Lovely			

<<< Fold Here >>>

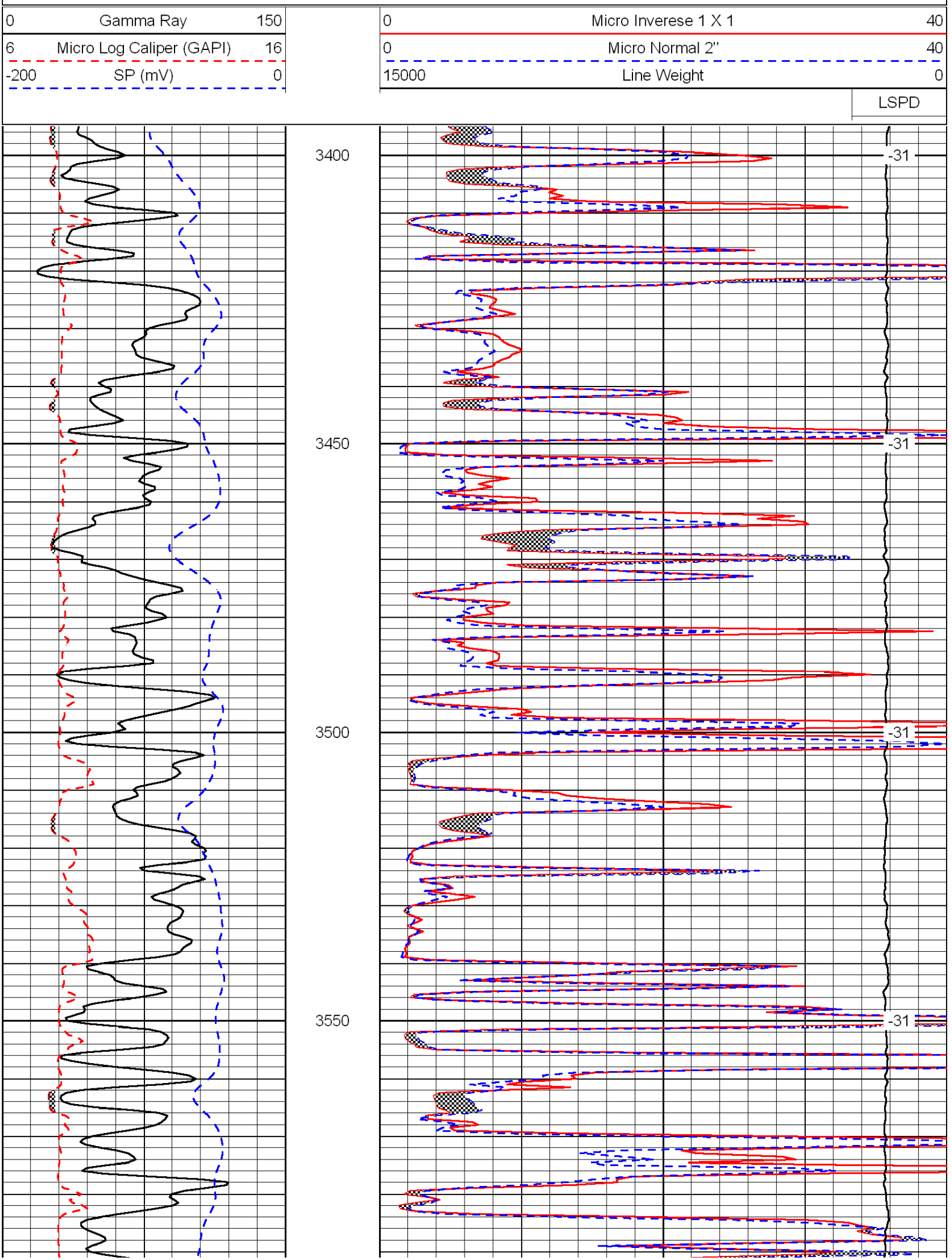
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

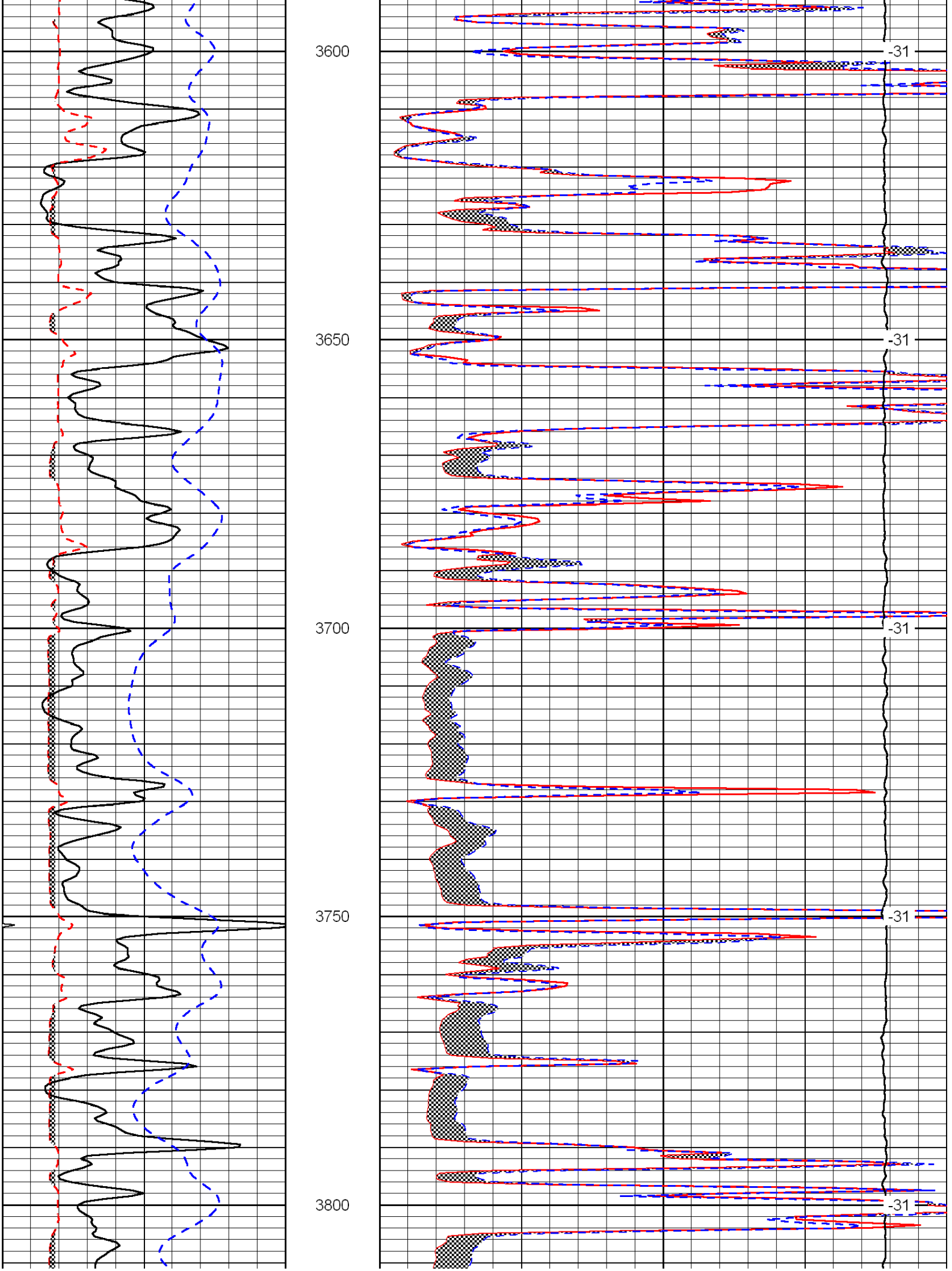
Comments

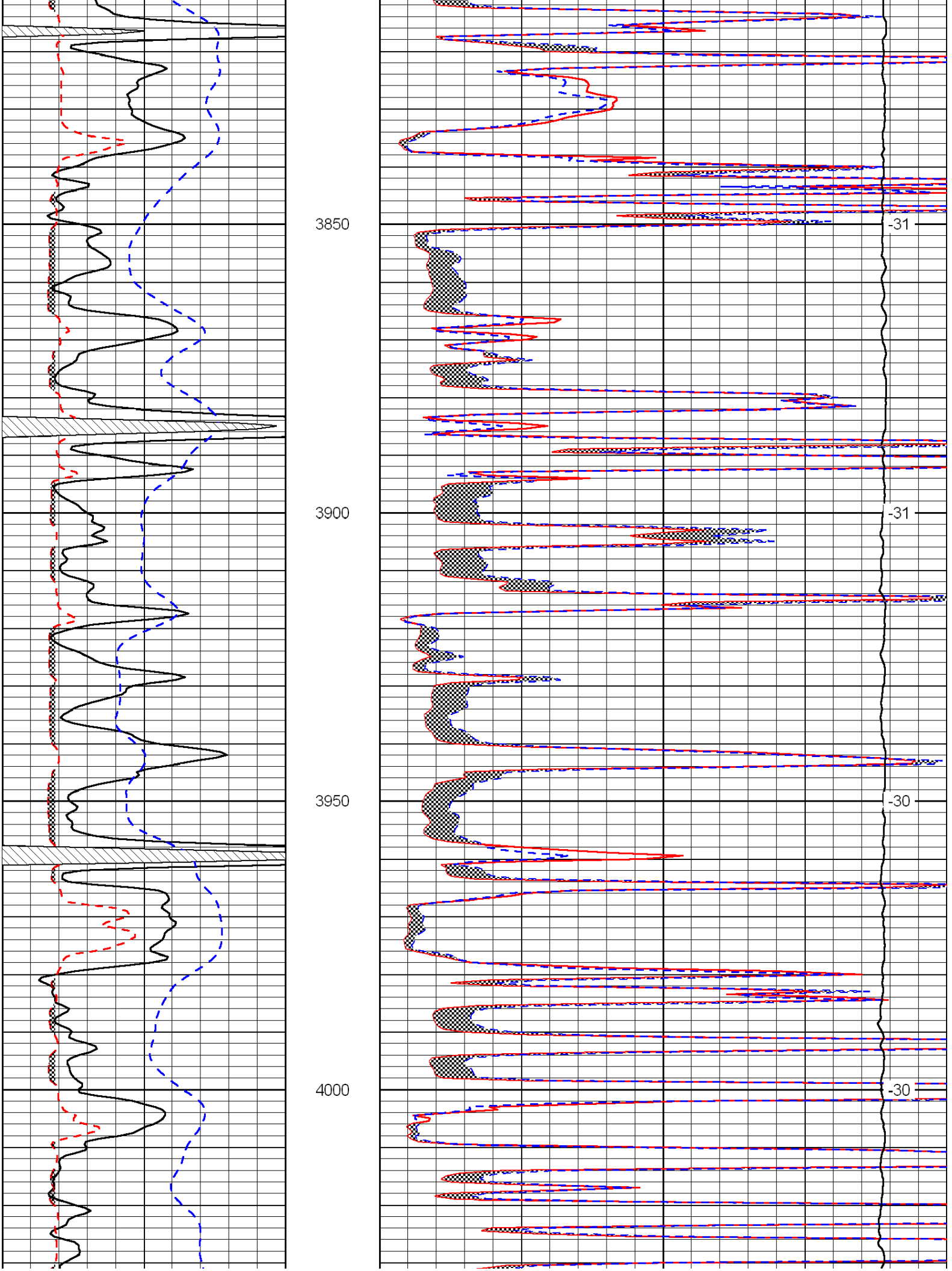
Thank you for using Log-Tech, Inc.
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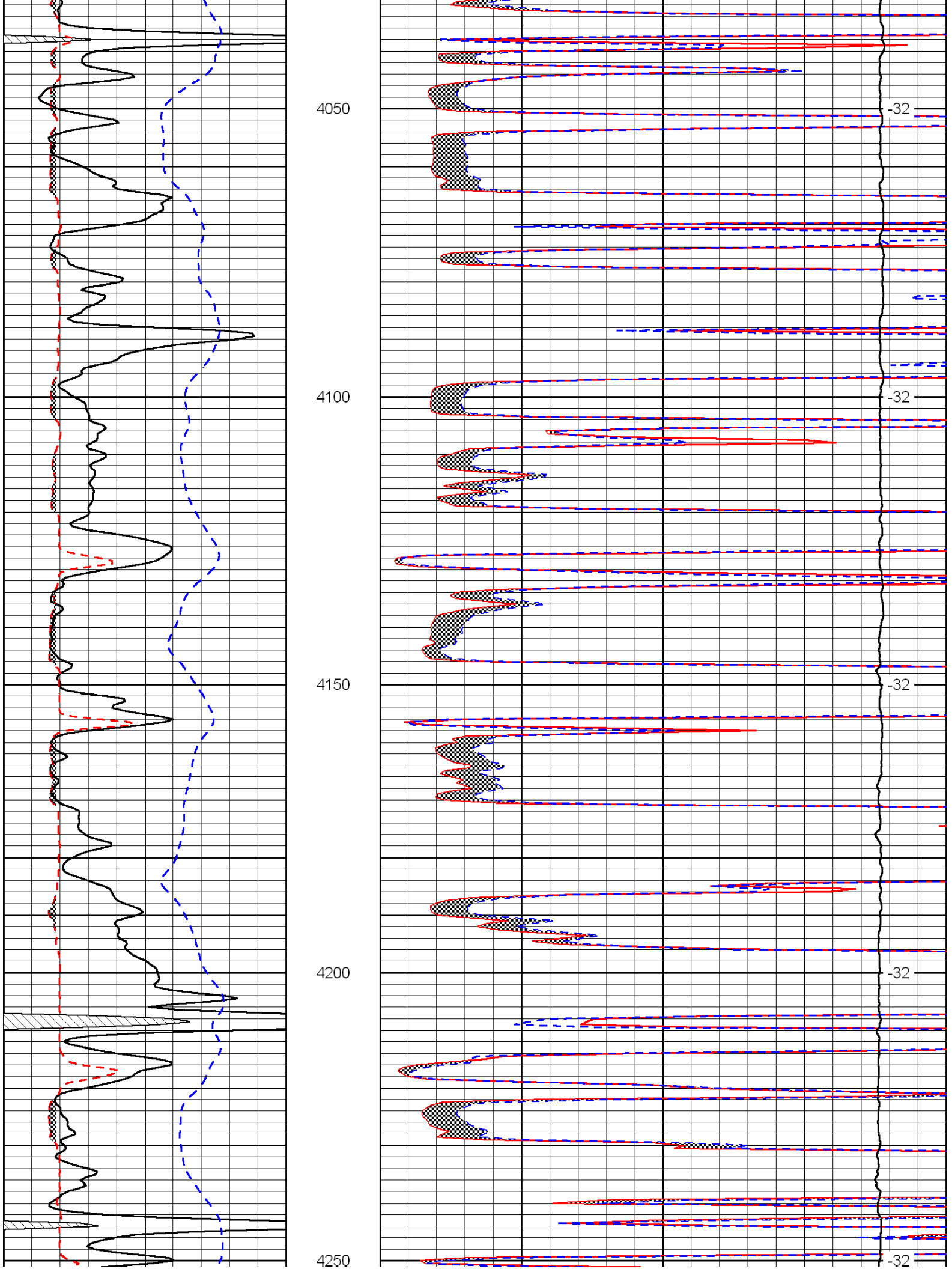
Marienthal, Ks;
10 South; 2 West;
1/2 South; East Into

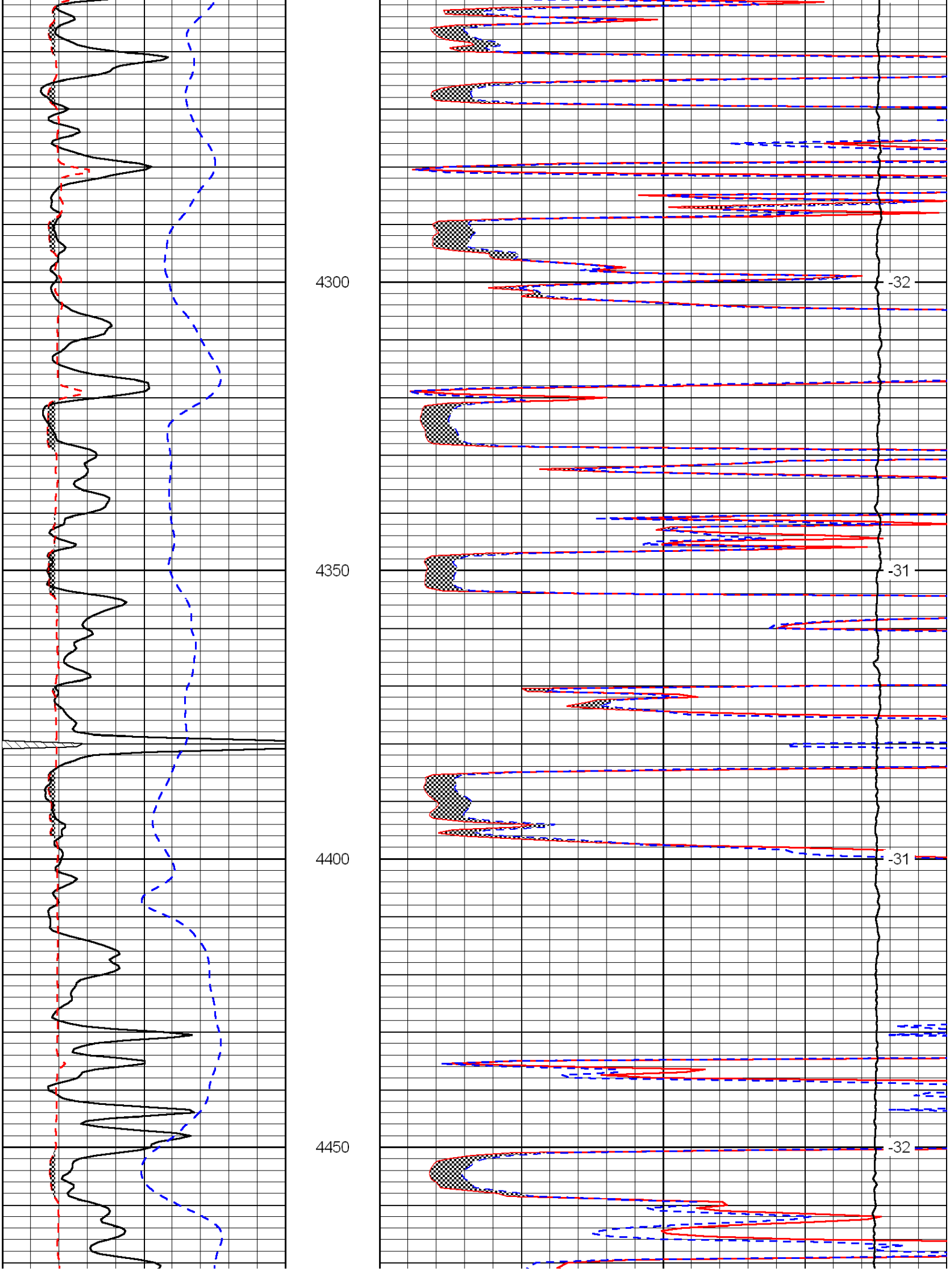
Database File:	c:\warrior\data\raymond_holstein no. 1\raymondhd.db
Dataset Pathname:	DIL/raystk
Presentation Format:	micro
Dataset Creation:	Tue May 31 09:54:50 2011
Charted by:	Depth in Feet scaled 1:240

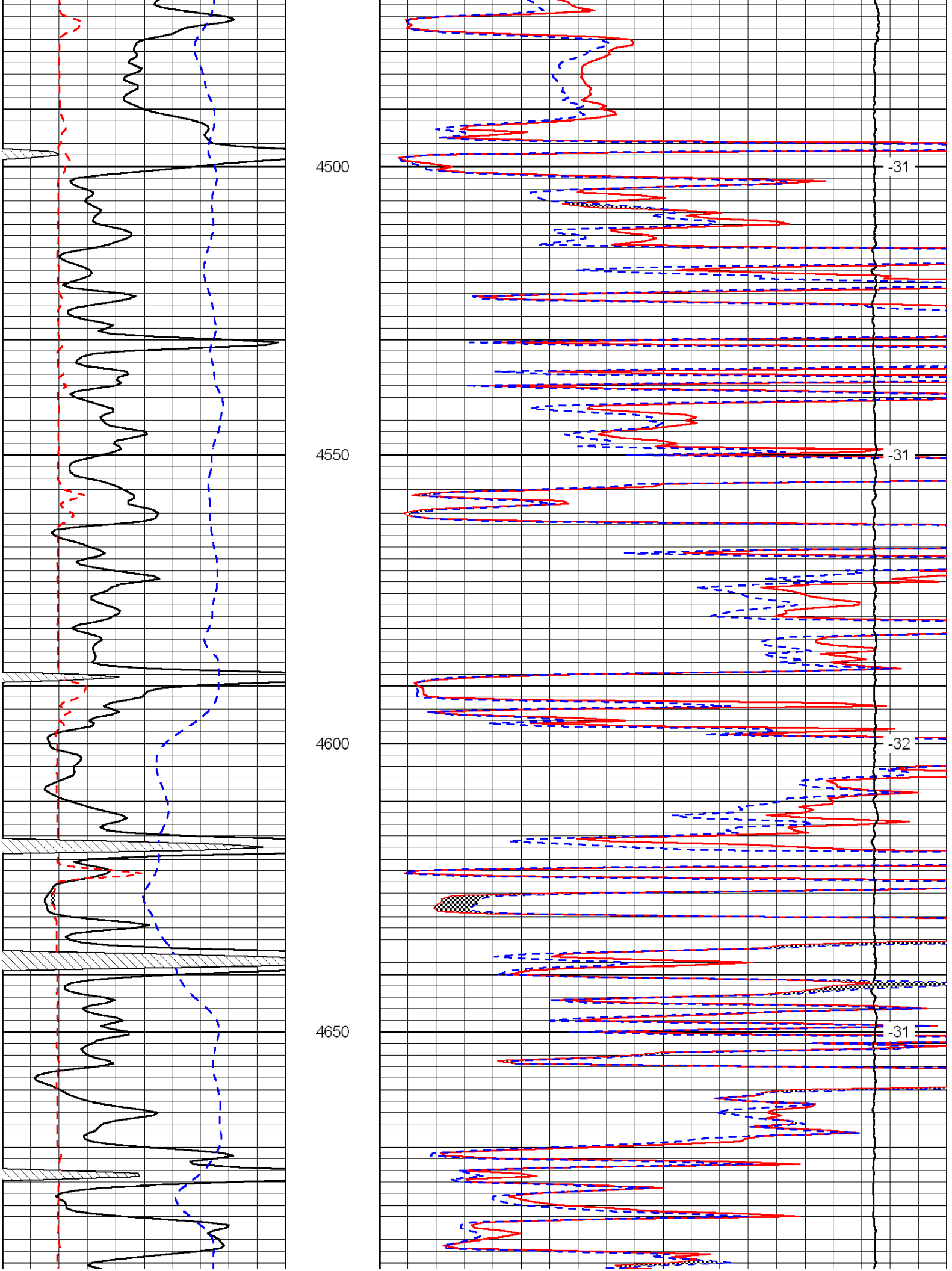

0 Gamma Ray 150
6 Micro Log Caliper (GAPI) 16
-200 SP (mV) 0
0 Micro Inverese 1 X 1 40
0 Micro Normal 2" 40
15000 Line Weight 0
LSPD
3400
3450
3500
3550
-31
-31
-31
-31

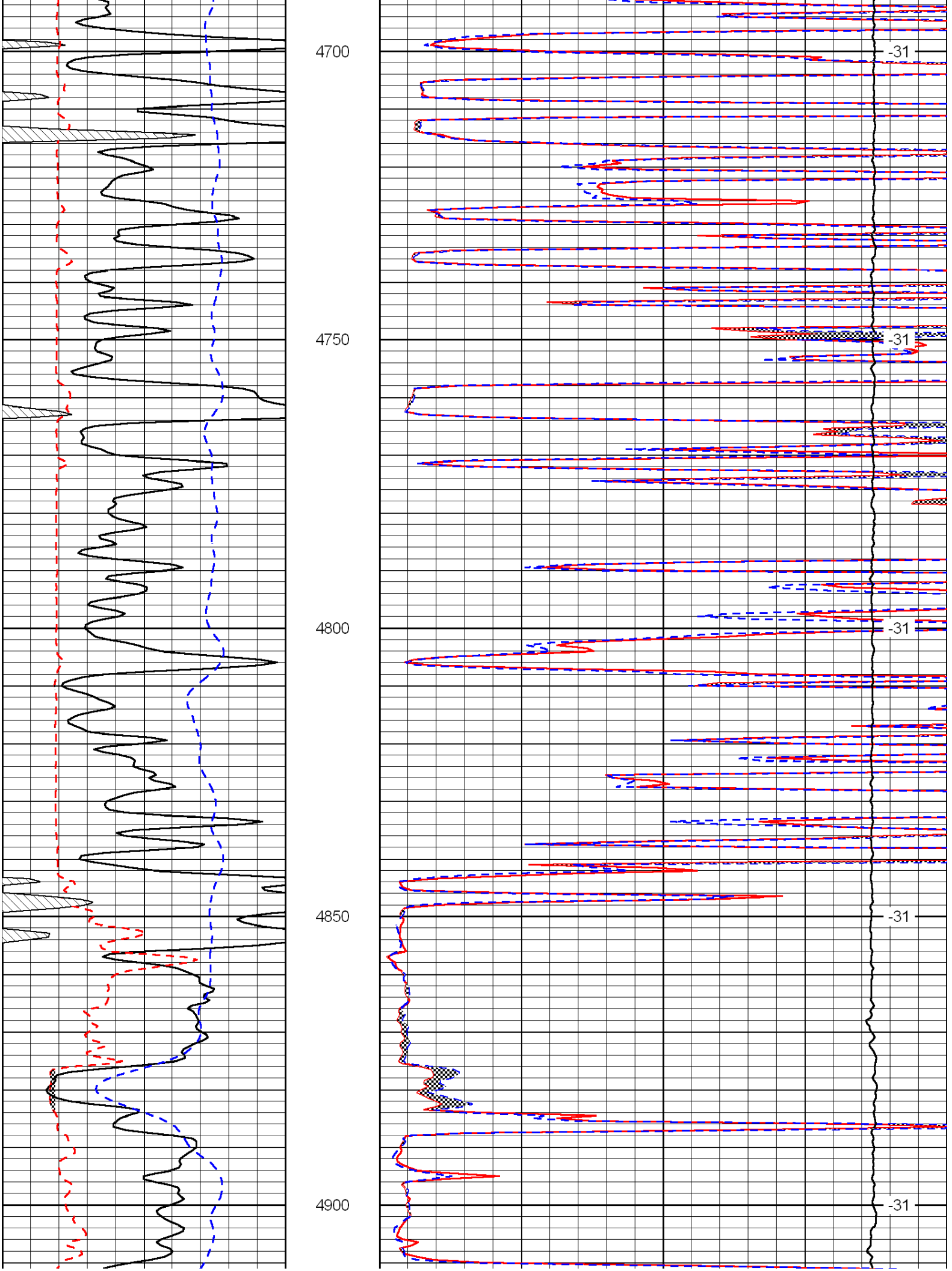

3600
3650
3700
3750
3800
-31
-31
-31
-31
-31

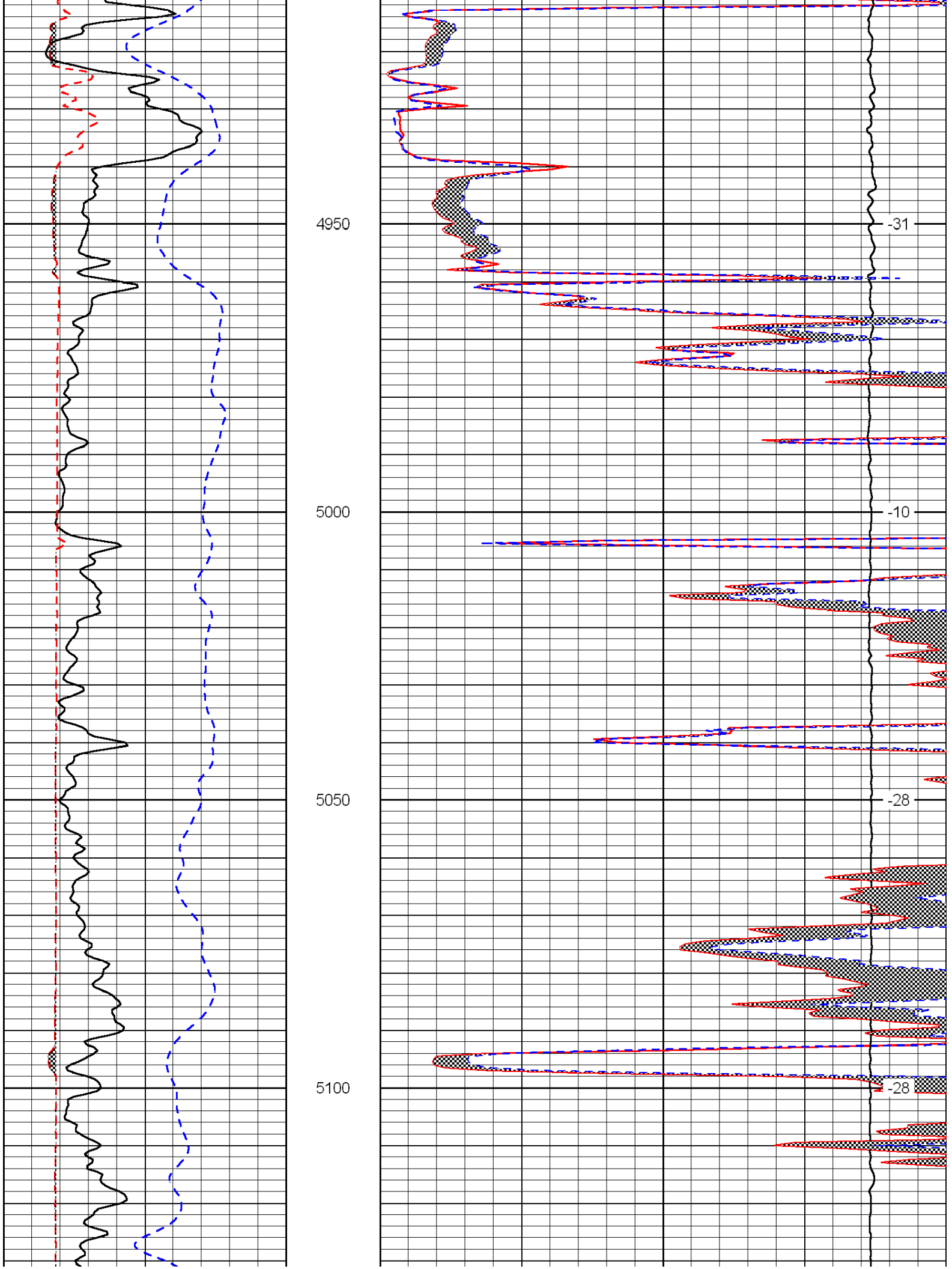

3850
-31
3900
-31
3950
-30
4000
-30

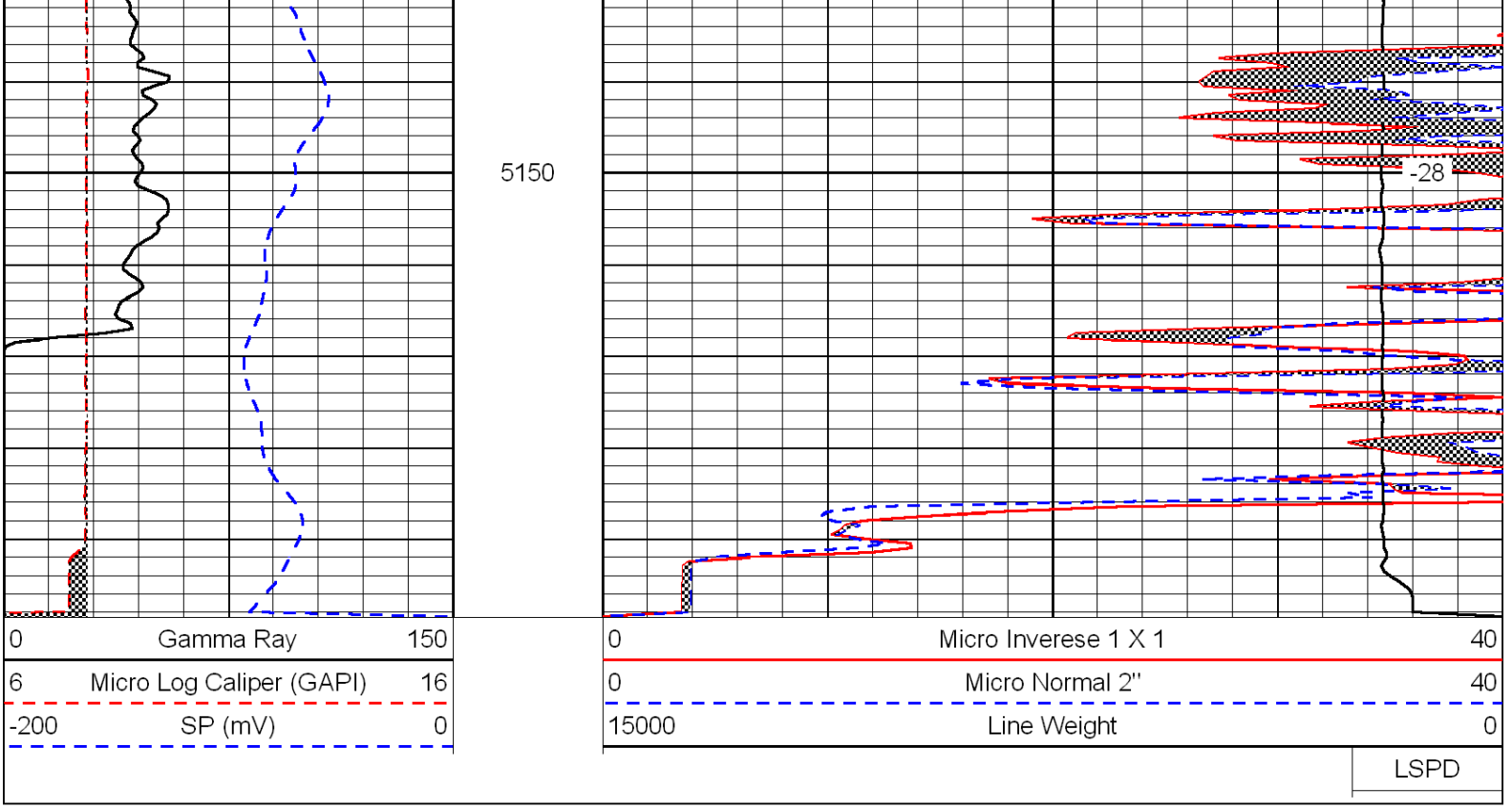

4050
4100
4150
4200
4250
-32
-32
-32
-32
-32


4300
4350
4400
4450
-32
-31
-31
-32


4500
-31
4550
-31
4600
-32
4650
-31


4700
4750
4800
4850
4900
-31
-31
-31
-31
-31


4950
5000
5050
5100
-31
-10
-28
-28


5150
-28
0
Gamma Ray
150
6
Micro Log Caliper (GAPI)
16
-200
SP (mV)
0
0
Micro Inverese 1 X 1
40
0
Micro Normal 2"
40
15000
Line Weight
0
LSPD