PIONEER

Pioneer Energy Services

Microresistivity Log

API No. 15-007-23972-00-00

Company Roberts Resources, Inc.

Well Thom A #2-28

Field Nurse

County Barber State Kansas

Location 1080' FNL & 407' FEL

Sec: 28 Twp: 31S Rge: 13W

Other Services
CNL/CDL
DIL/BHCS

Elevation
K.B. 1601
D.F.
G.L. 1592

Permanent Datum Ground Level Elevation 1592
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Date	12/21/2012			
Run Number	Two			
Depth Driller	4530			
Depth Logger	4512			
Bottom Logged Interval	4511			
Top Log Interval	2400			
Casing Driller	8.625 @ 264			
Casing Logger	263			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	6000			
Density / Viscosity	9.4 52			
pH / Fluid Loss	10.5 10.4			
Source of Sample	Flowline			
Rm @ Meas. Temp	0.26 @ 54			
Rmf @ Meas. Temp	0.20 @ 54			
Rmc @ Meas. Temp	0.35 @ 54			
Source of Rmf / Rmc	Charts			
Rm @ BHT	0.11 @ 123			
Operating Rig Time	5 Hours			
Max. Rec. Temp. F	123			
Equipment Number	91			
Location	Hays			
Recorded By	D. Schmidt			
Witnessed By	Kent Roberts			

<<< 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.
(785) 625-3858

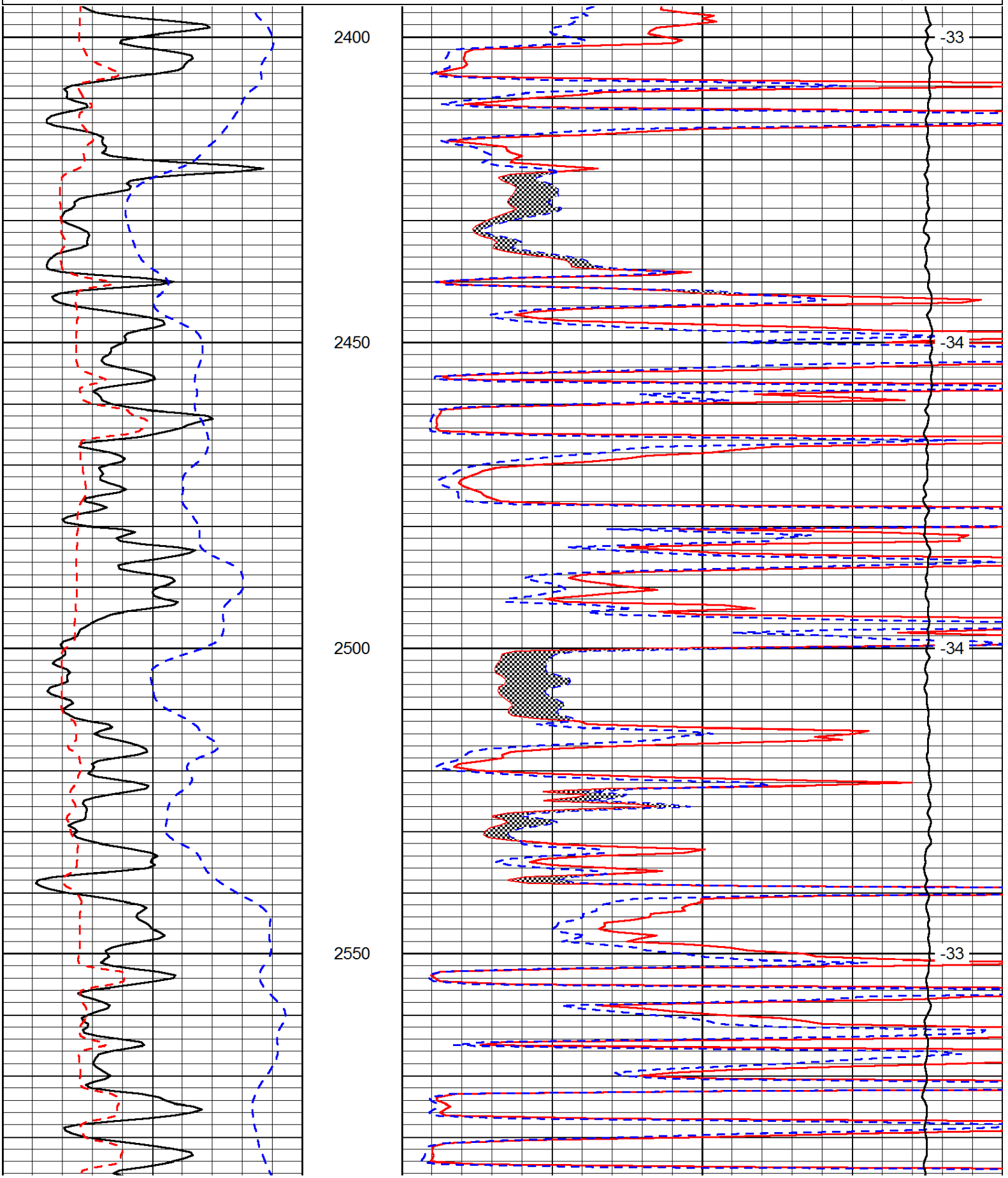
Medicine Lodge,
West on River Rd to Forest City Rd,
S & W into

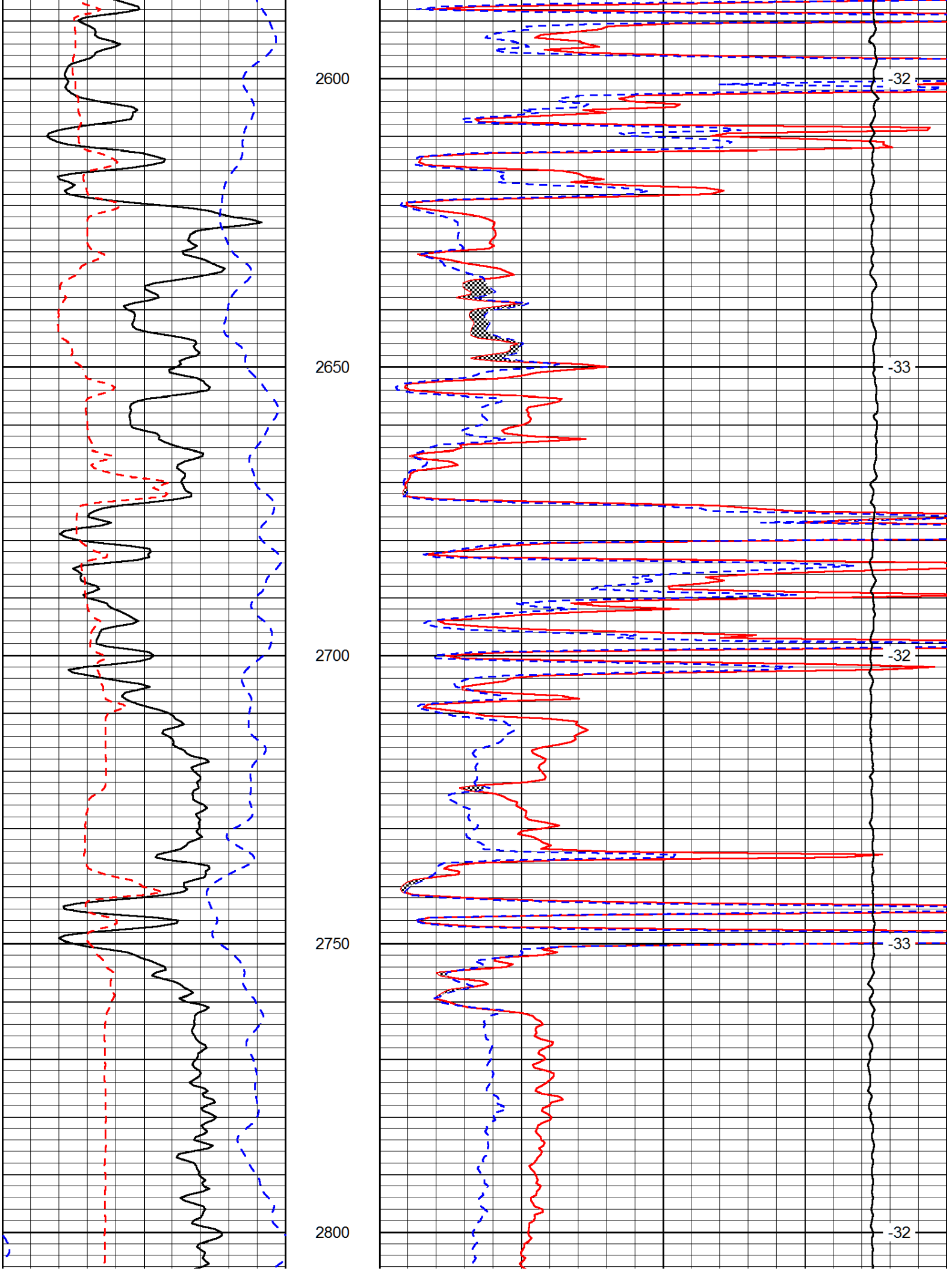
Database File: roberts_122112hd.db
Dataset Pathname: dil/robstack
Presentation Format: micro
Dataset Creation: Fri Dec 21 18:42:56 2012
Charted by: Depth in Feet scaled 1:240

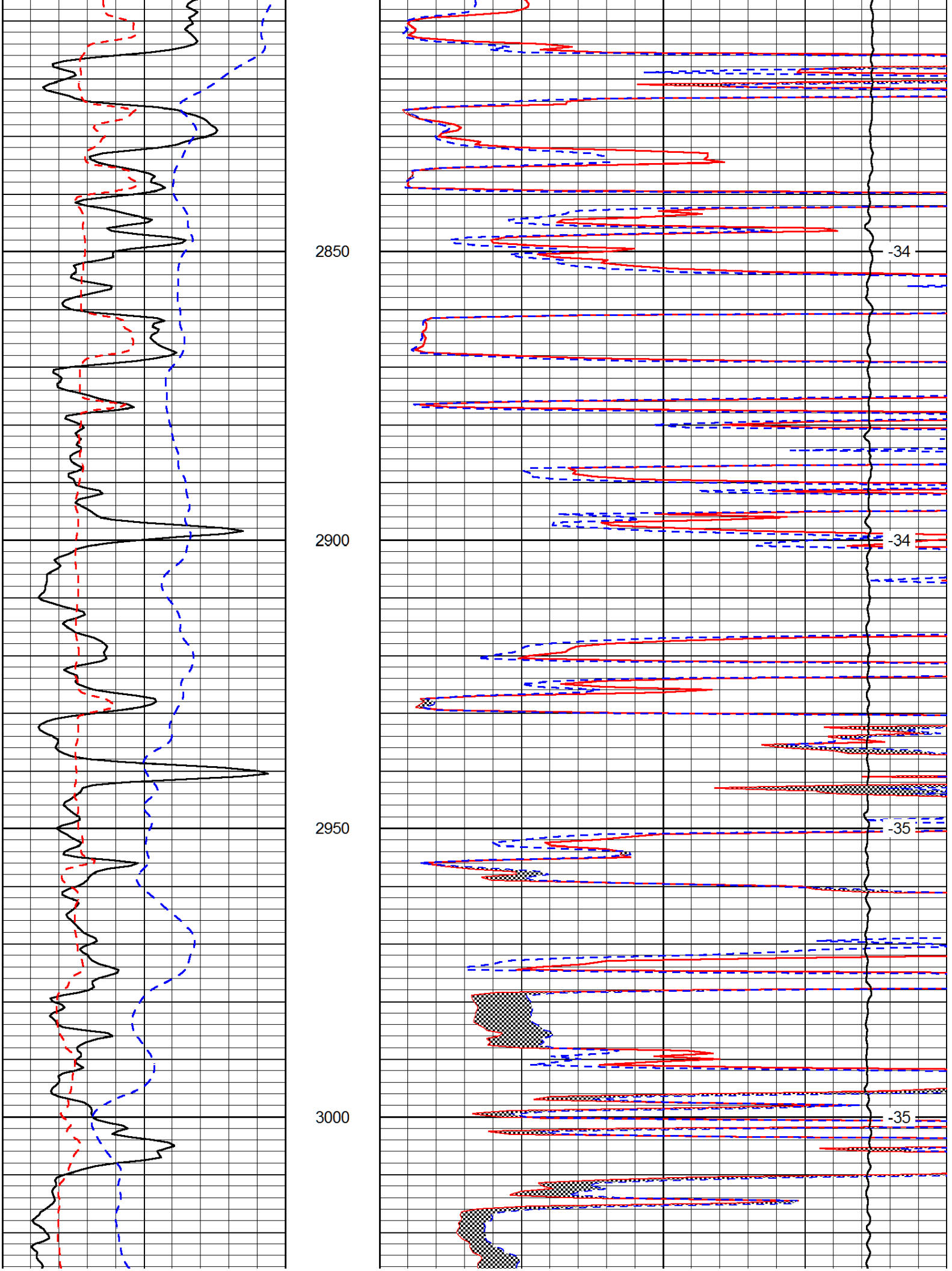
0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0

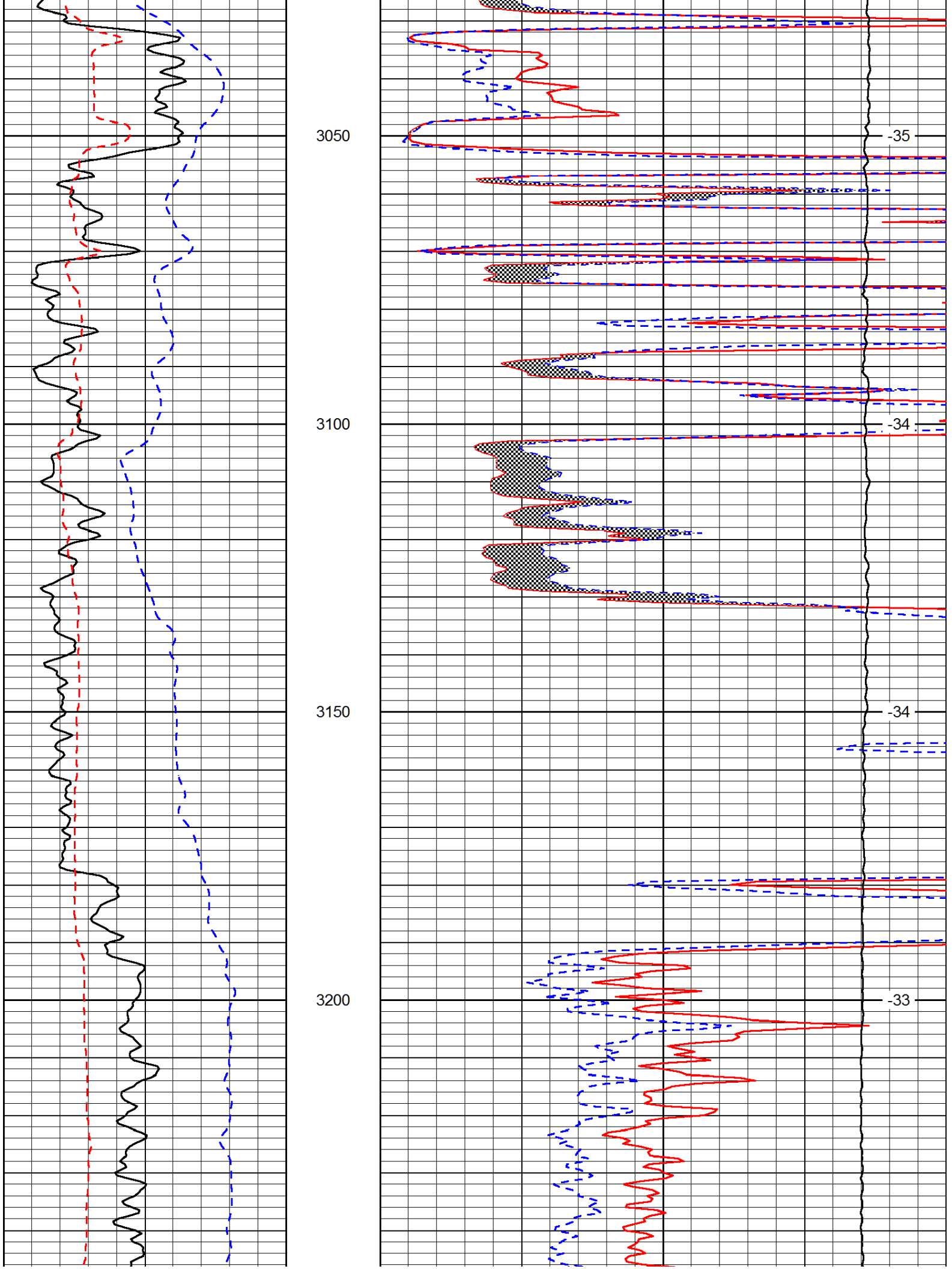
0	Micro Inverese 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

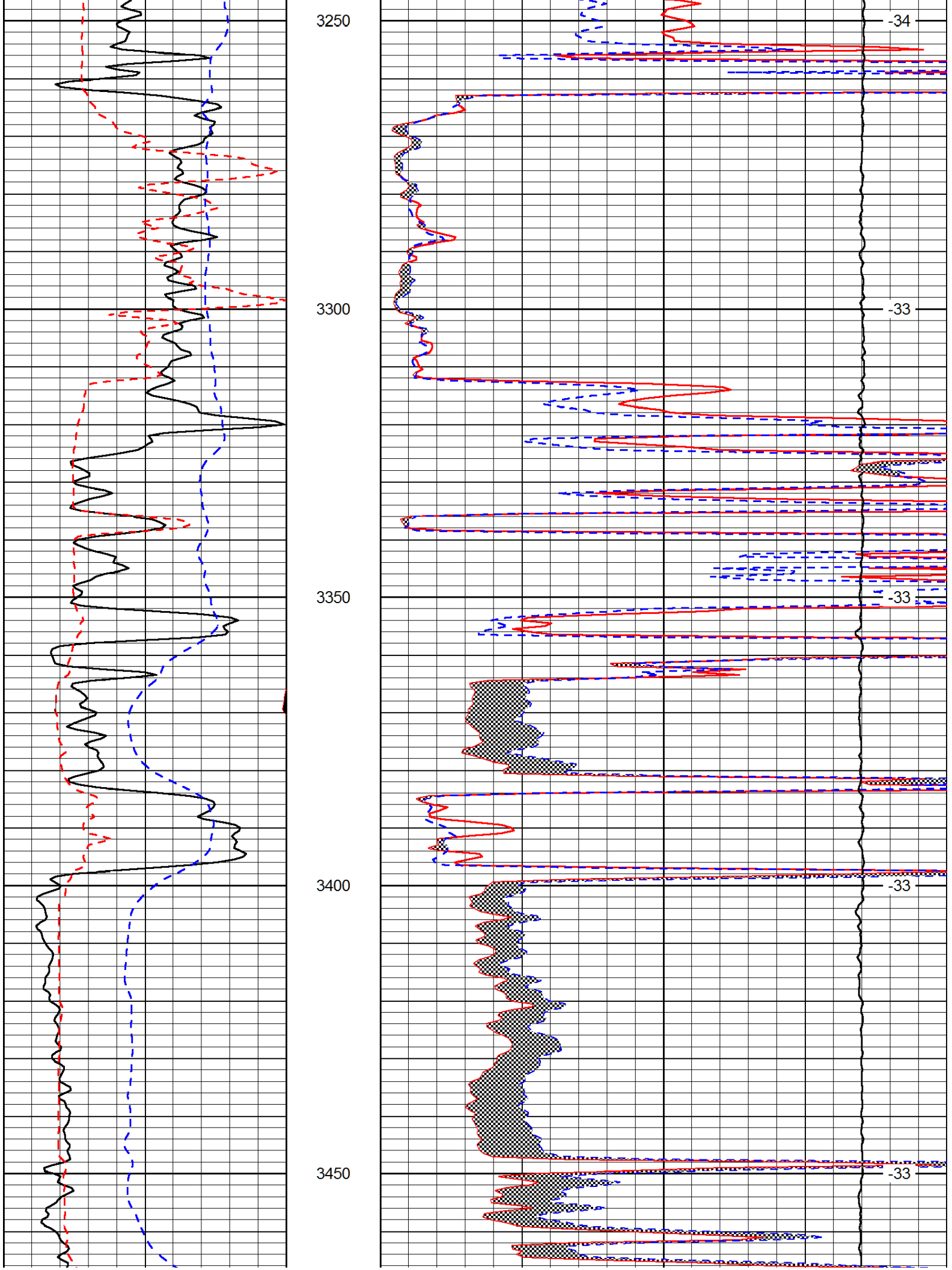
LSPD (ft/min)

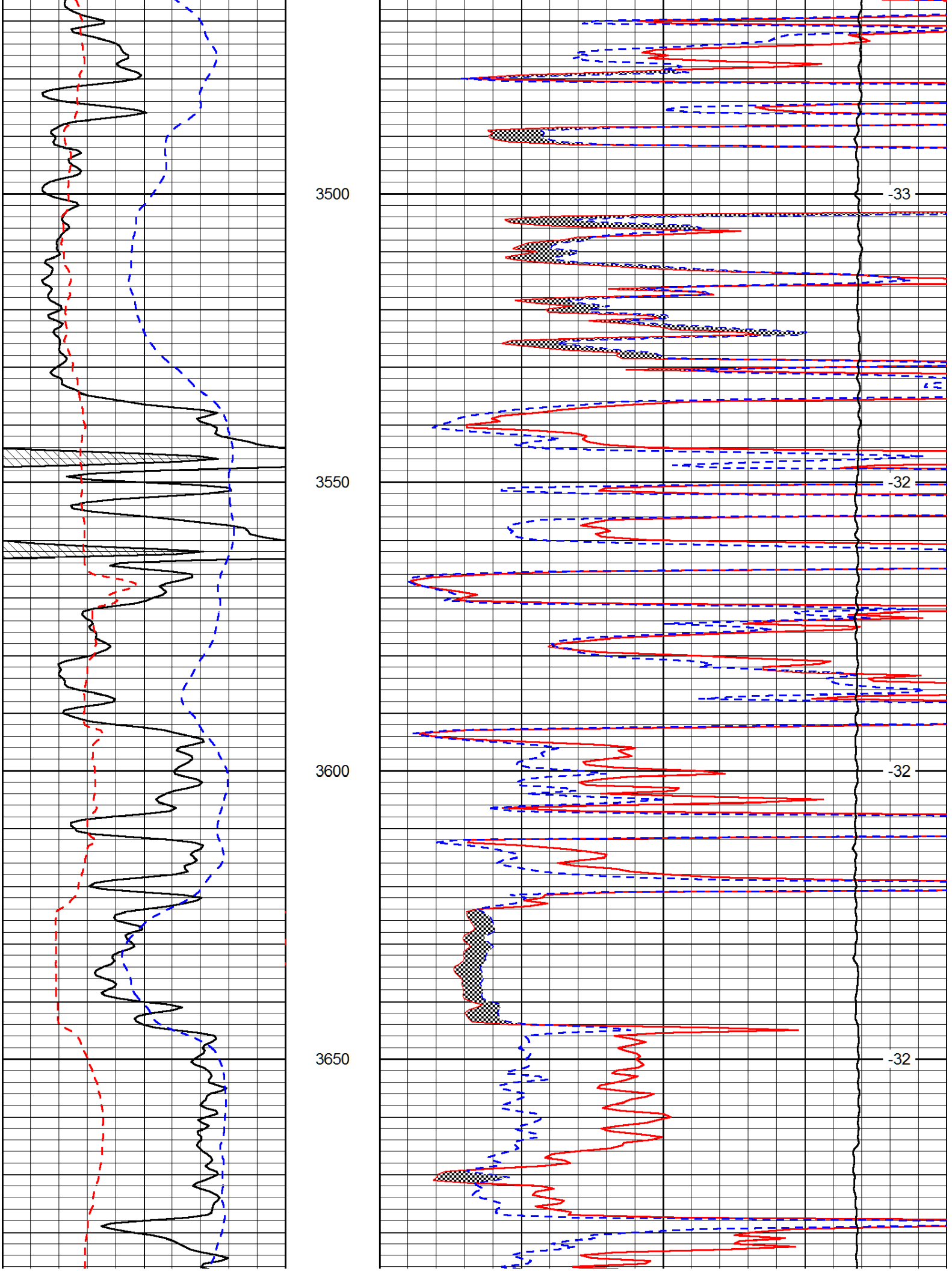


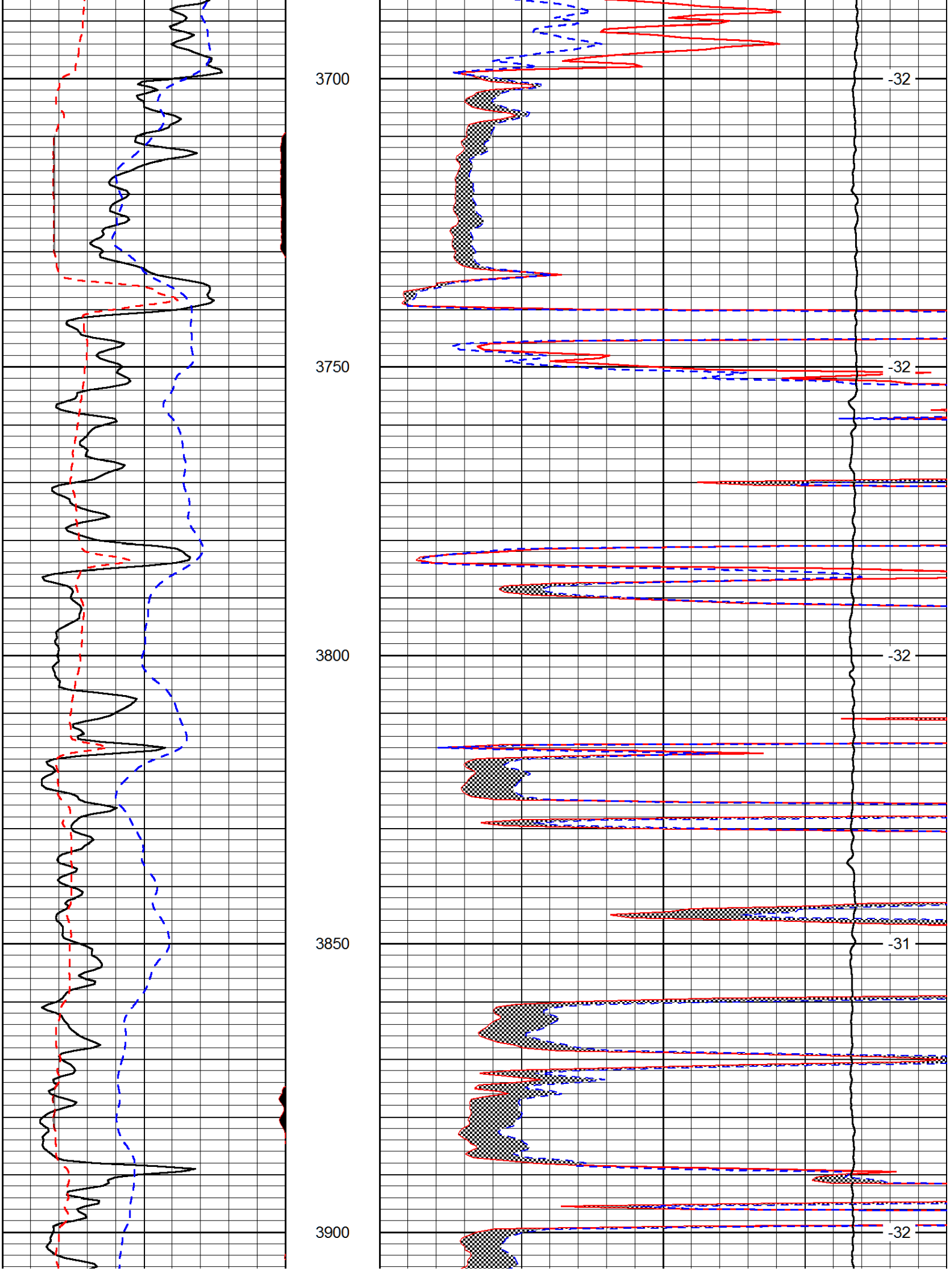

2600
2650
2700
2750
2800
-32
-33
-33
-32

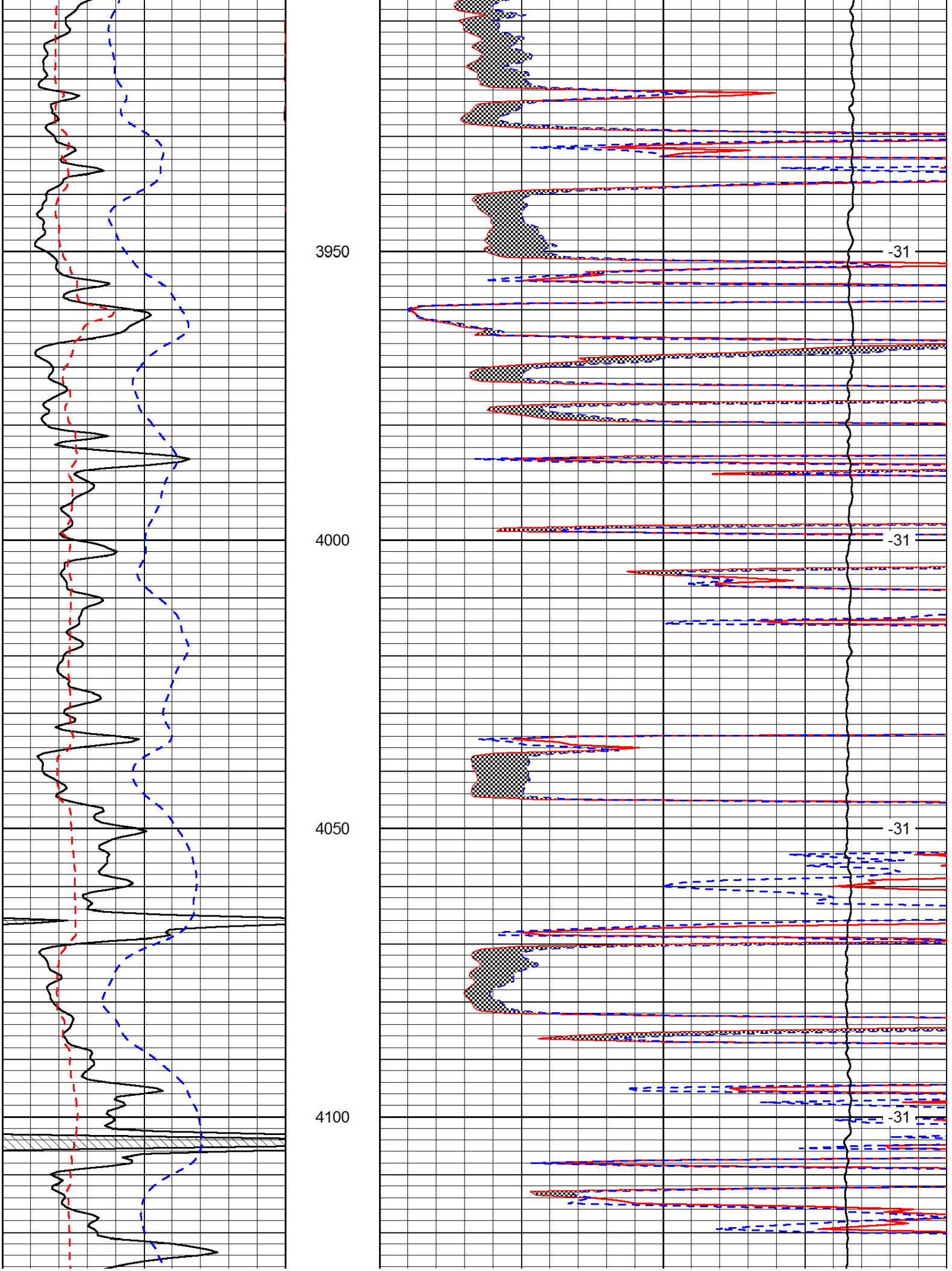

2850
2900
2950
3000
-34
-34
-35
-35

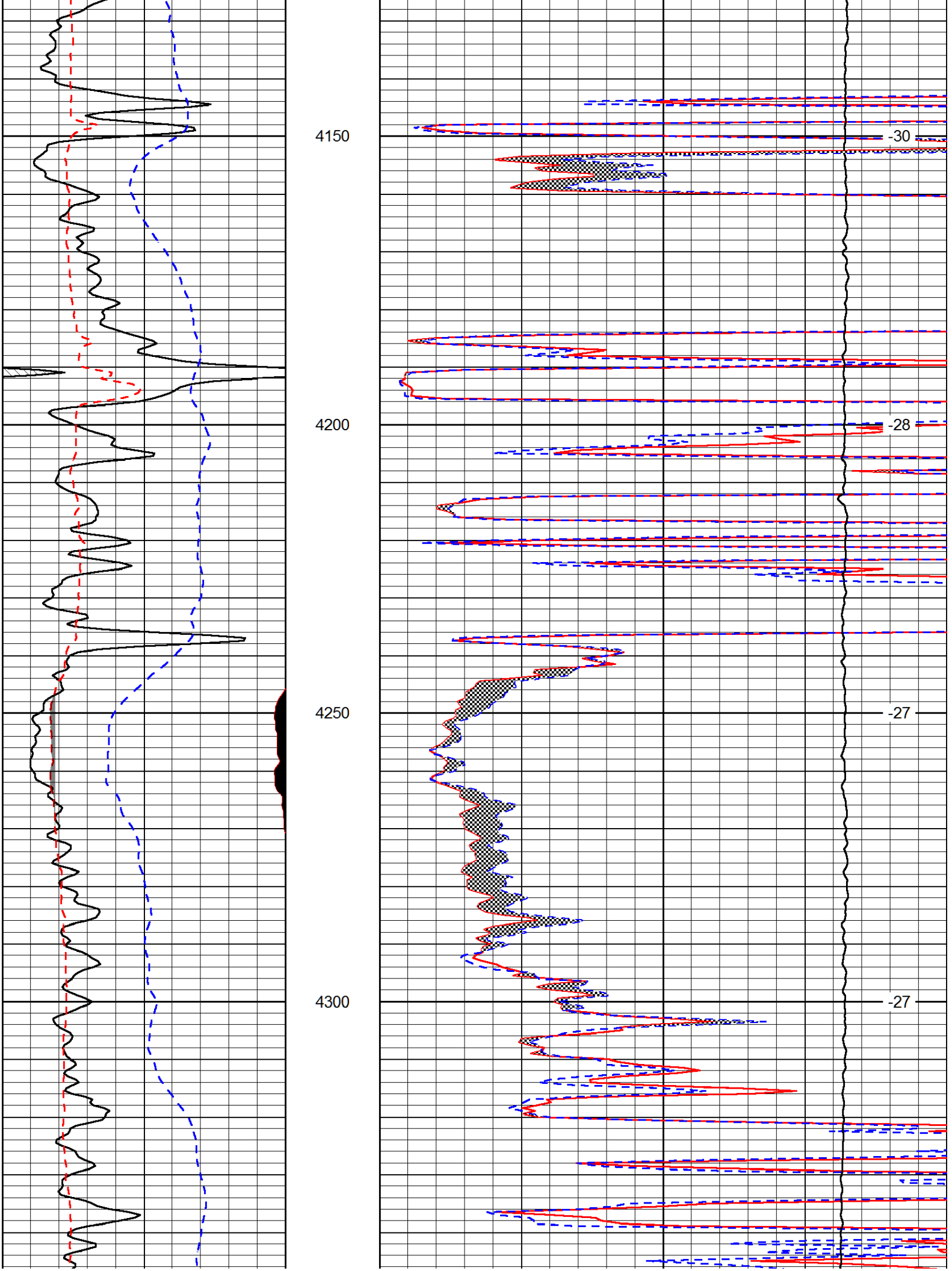

3050
3100
3150
3200
-35
-34
-34
-33

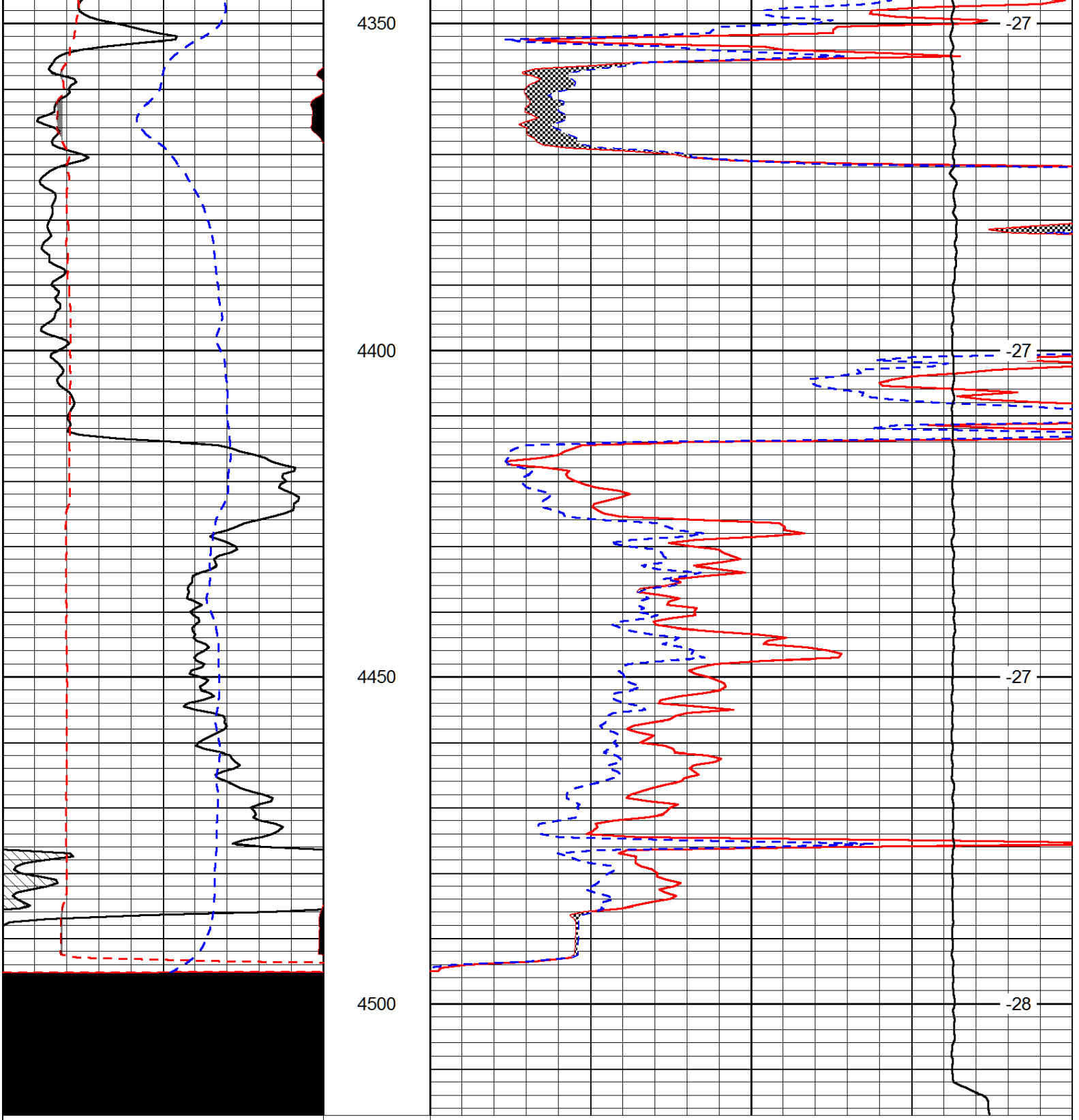

3250
3300
3350
3400
3450
-34
-33
-33
-33
-33


3500
3550
3600
3650
-33
-32
-32
-32


3700
3750
3800
3850
3900
-32
-32
-32
-31
-32


3950
4000
4050
4100
-31
-31
-31
-31


4150
4200
4250
4300
-30
-28
-27
-27



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

0	Micro Inverese 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD (ft/min)