PIONEER

Pioneer Energy Services

Microresistivity Log

Company	Russell Oil, Inc.
Well	Hazel Russell #1-35
Field	Wildcat
County	Thomas State Kansas
API No.	15-193-20859-00-00
Location	4436' FSL & 434' FWL
Sec: 35	Twp: 10S Rge: 34W
Permanent Datum	Ground Level Elevation 3229
Log Measured From	Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing
Other Services	CNL/CDL DIL
Elevation	K.B. 3240 D.F. G.L. 3229

Date	8/29/2012					
Run Number	Two					
Depth Driller	4850					
Depth Logger	4846					
Bottom Logged Interval	4845					
Top Log Interval	3800					
Casing Driller	8.625 @ 271					
Casing Logger	264					
Bit Size	7.875					
Type Fluid in Hole	Chemical					
Salinity,ppm CL	7000					
Density / Viscosity	9.3	59				
pH / Fluid Loss	10.5	8.8				
Source of Sample	Flowline					
Rm @ Meas. Temp	0.60 @ 80					
Rmf @ Meas. Temp	0.45 @ 80					
Rmc @ Meas. Temp	0.81 @ 80					
Source of Rmf / Rmc	Charts					
Rm @ BHT	0.38 @ 127					
Operating Rig Time	5 Hours					
Max Rec. Temp. F	127					
Equipment Number	91					
Location	Hays					
Recorded By	D. Schmidt					
Witnessed By	Kitt Noah					

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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

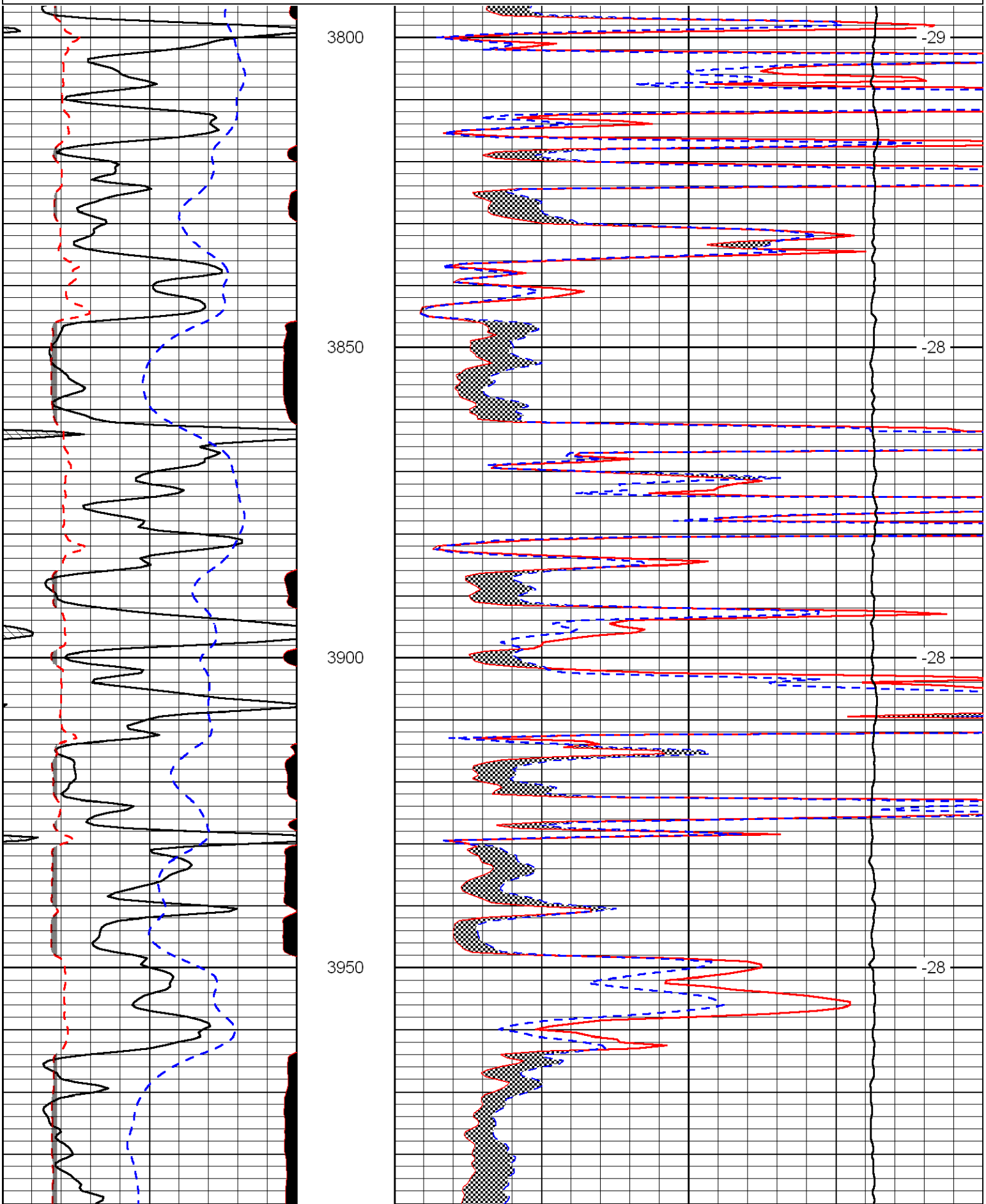
Monument,
West to Hwy 25, 2 North to county line (Fort Fox Rd),
2 West, North to location

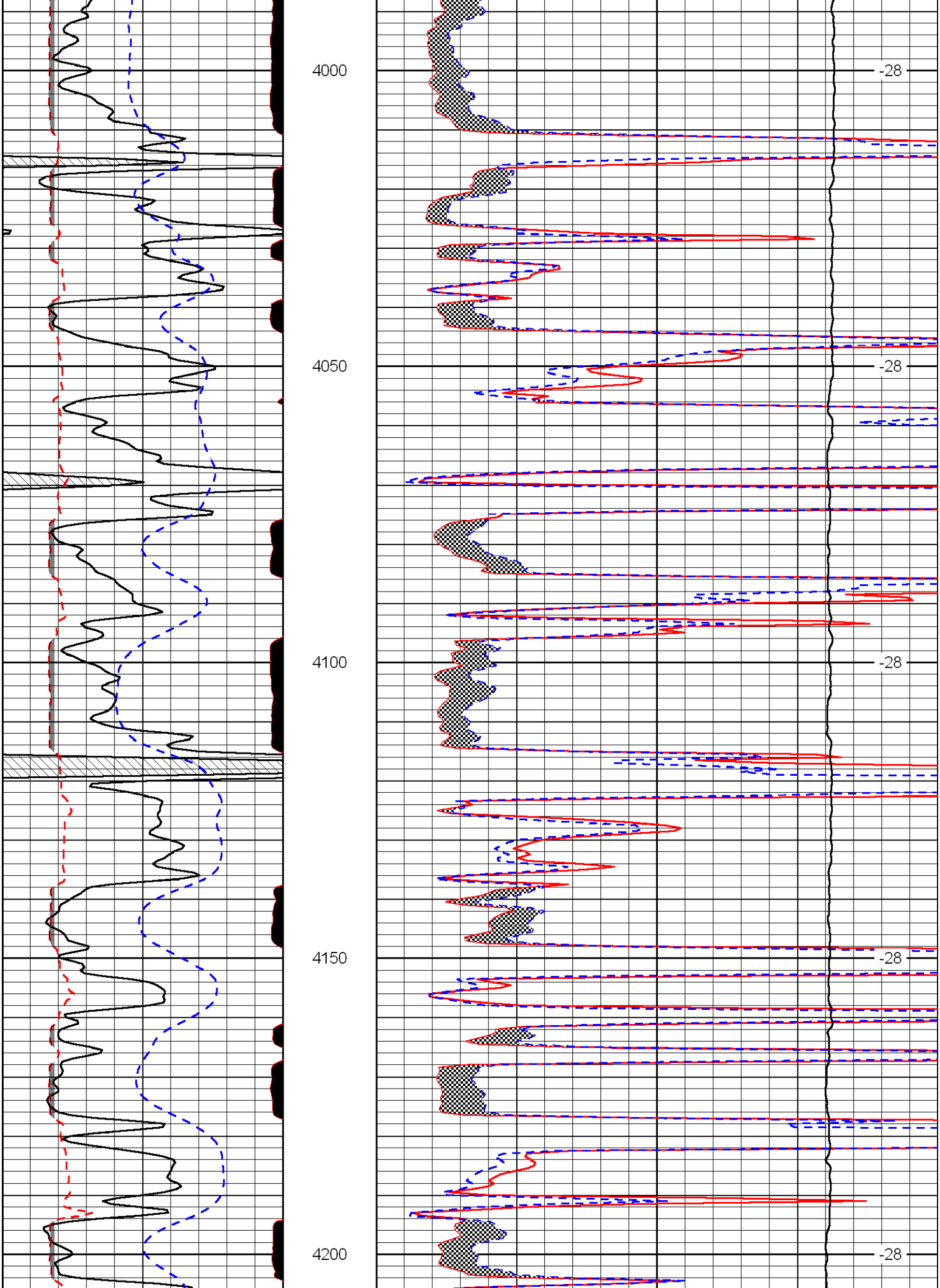
Database File:	russell_082912hd.db
Dataset Pathname:	dil/russtack
Presentation Format:	micro
Dataset Creation:	Thu Aug 30 00:24:57 2012
Charted by:	Depth in Feet scaled 1:240

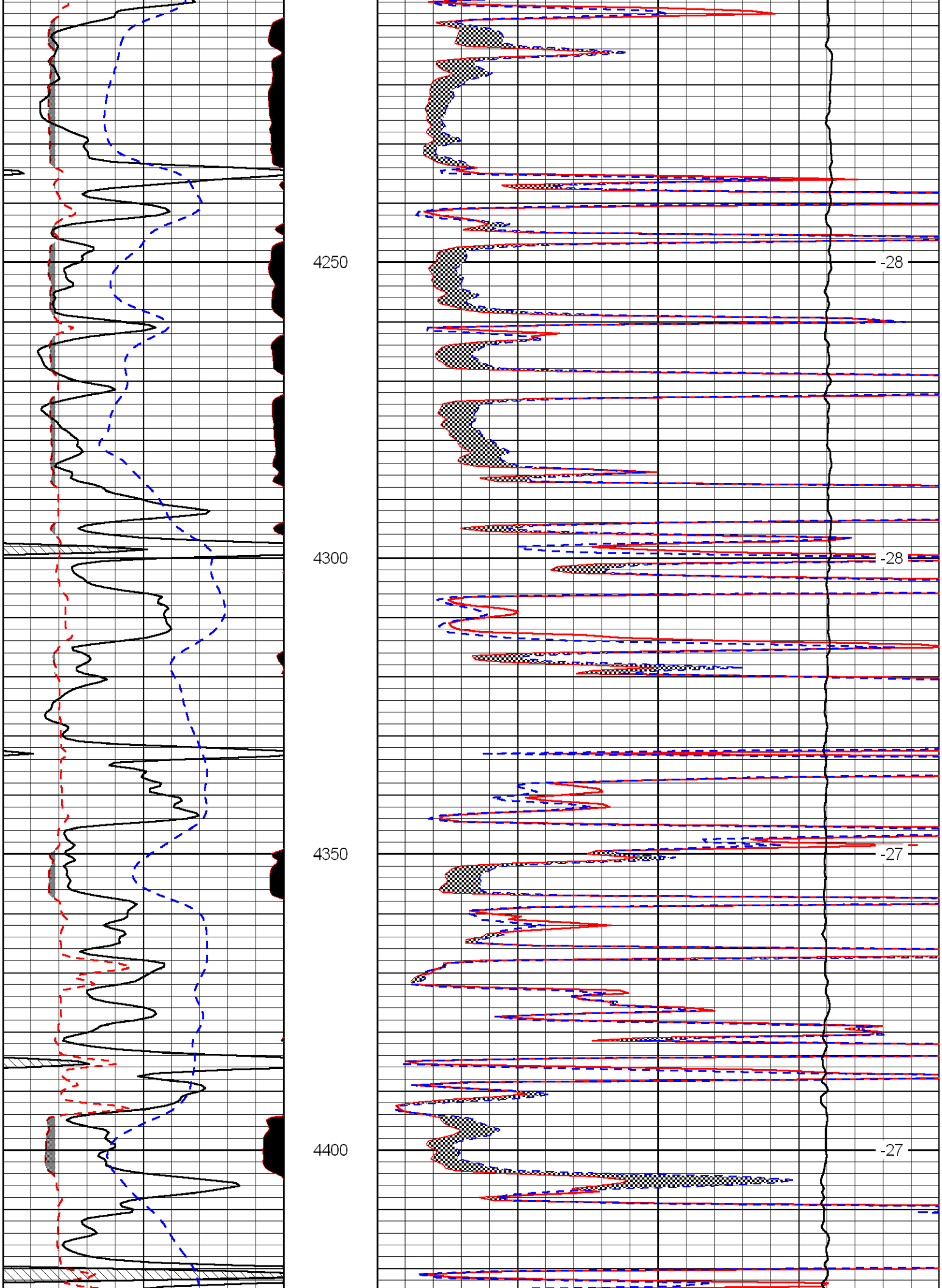
0	Gamma Ray	150
6	MCAL (GAPI)	16
2.875	Mud Cake (GAPI)	7.875
-200	SP	0

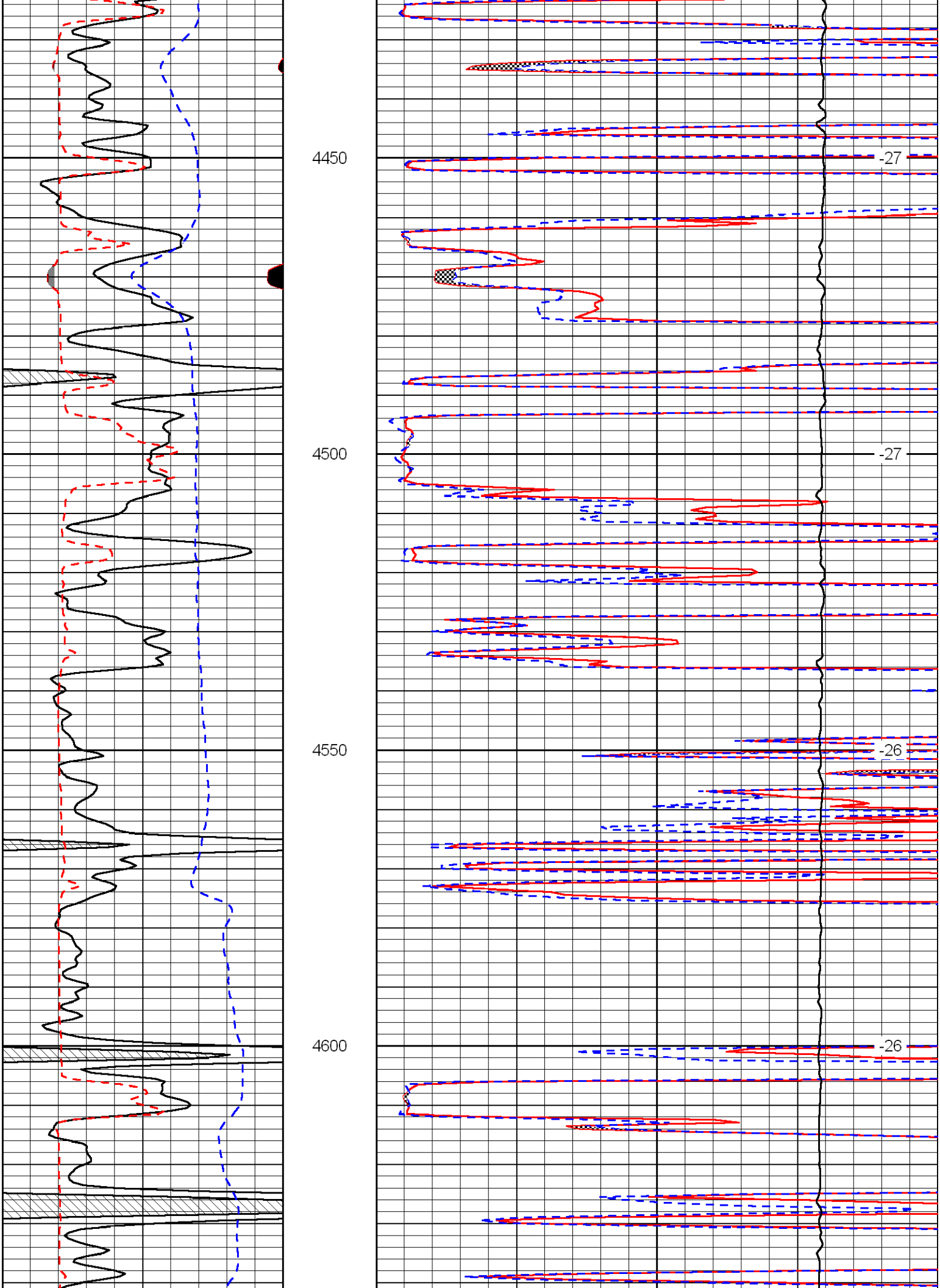
0	Micro Inverese 1 X 1	40
0	Micro Normal 2''	40
10000	Line Weight	0

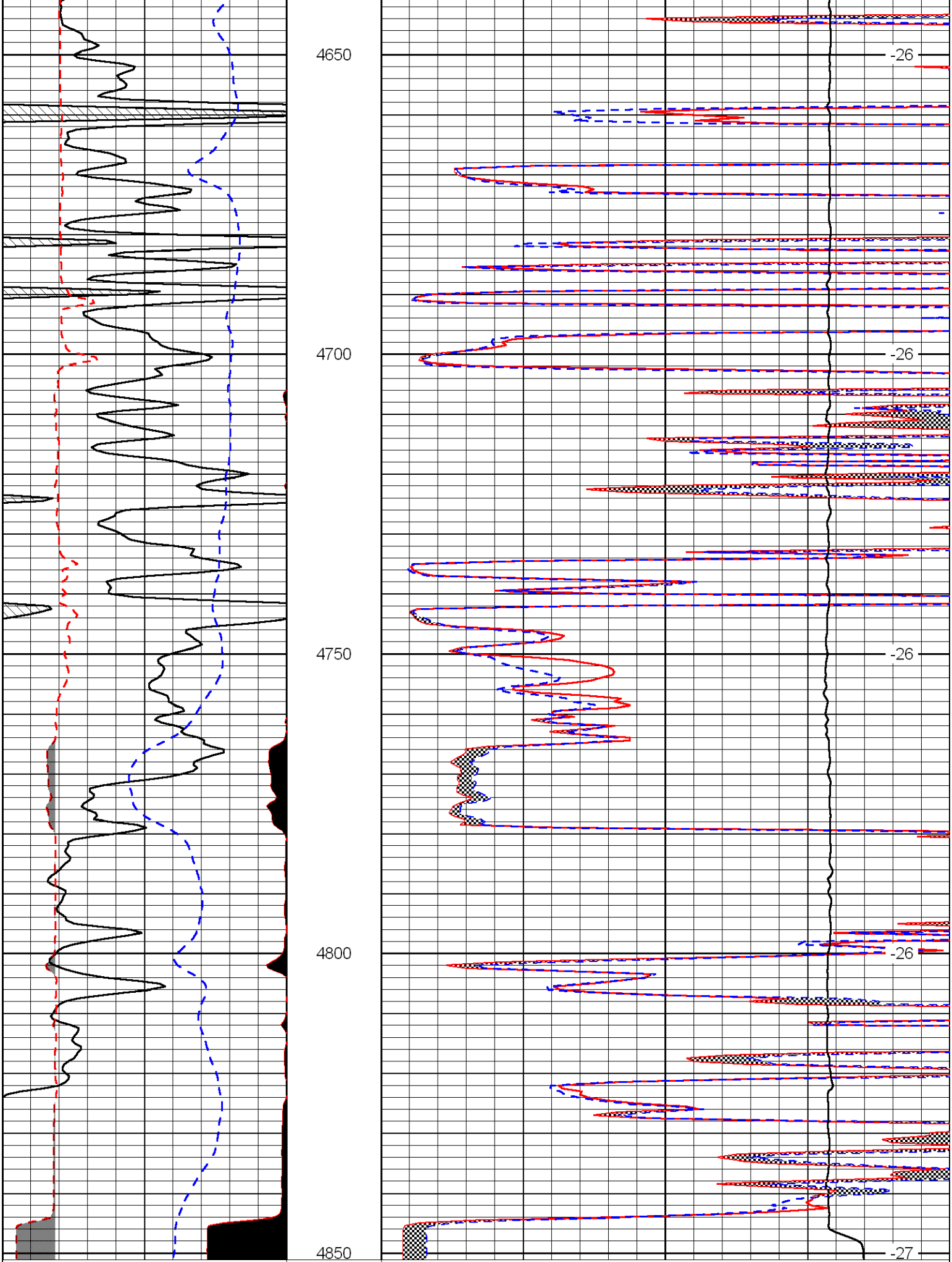
LSPD




4000
-28
4050
-28
4100
-28
4150
-28
4200
-28


4250
-28
4300
-28
4350
-27
4400
-27


4450
-27
4500
-27
4550
-26
4600
-26


4650
4700
4750
4800
4850
-26
-26
-26
-26
-27
0
Gamma Ray
150
6
MCAL (GAPI)
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