



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No. 15-101-22,330-00-00

Company	Mid-Continent Energy Operating Co.		
Well	Brenner No.1-26		
Field	Wildcat		
County	Lane	State	Kansas
Location	SW SE NW SW 1330' FSL & 970' FWL	Other Services CNL/CDL MEL	
Sec: 26	Twp: 19S	Rge: 27W	Elevation K.B. 2710 D.F. 2702 G.L. 2702

Permanent Datum	Ground Level	Elevation 2702
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	

Date	11/5/2011	
Run Number	One	
Depth Driller	4702	
Depth Logger	4703	
Bottom Logged Interval	4702	
Top Log Interval	300	
Casing Driller	8.625 @ 310	
Casing Logger	306	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	8.000	
Density / Viscosity	9.2 52	
pH / Fluid Loss	10.0 6.8	
Source of Sample	Flowline	
Rm @ Meas. Temp	.1 @ 64	
Rmf @ Meas. Temp	.08 @ 64	
Rmc @ Meas. Temp	.14 @ 64	
Source of Rmf / Rmc	Charts	
Rm @ BHT	.05 @ 123	
Operating Rig Time	4 Hours	
Max Rec. Temp. F	123	
Equipment Number	17	
Location	Hays	
Recorded By	C. Desaire	
Witnessed By	Austin Garner	

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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.

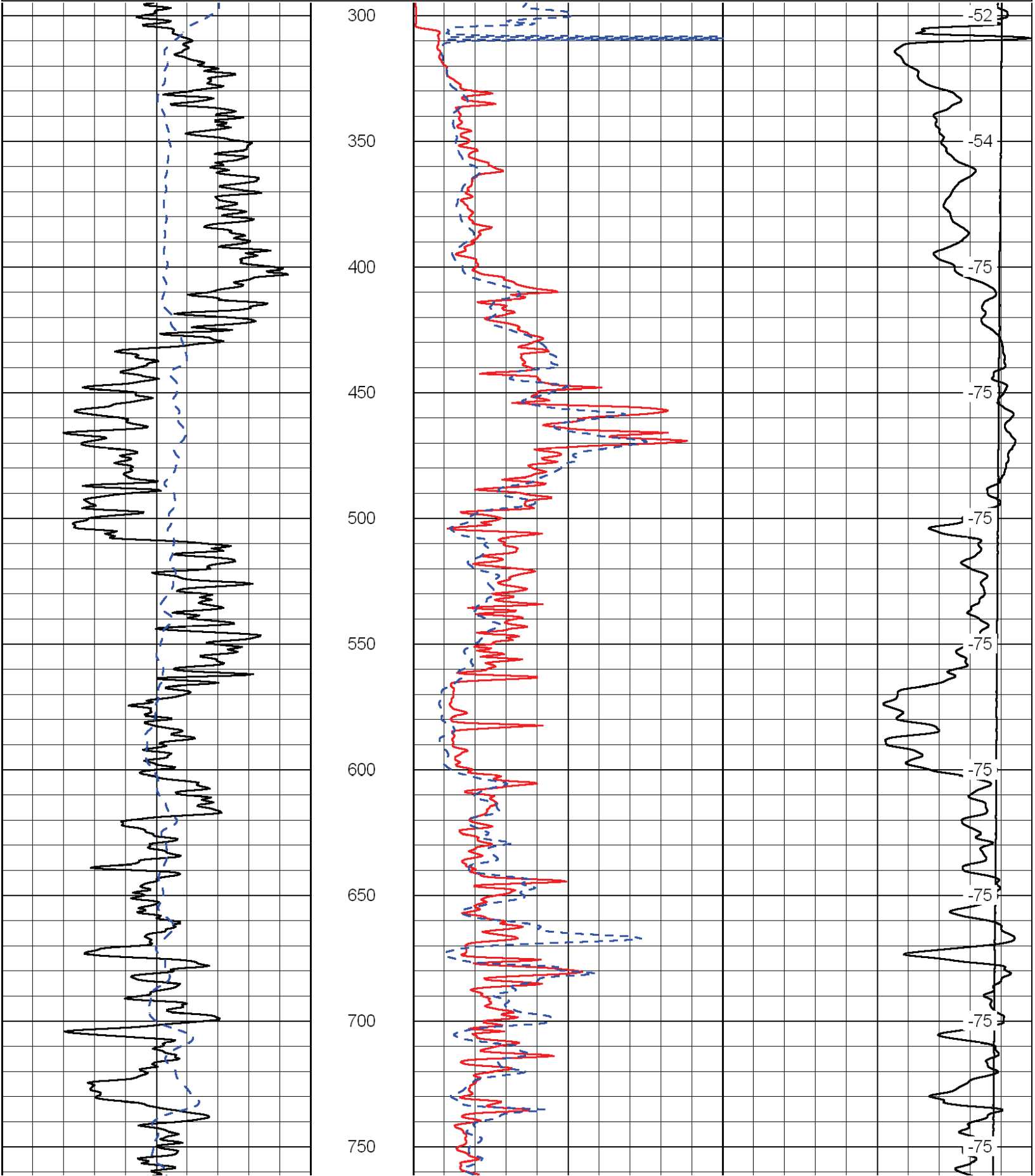
Comments

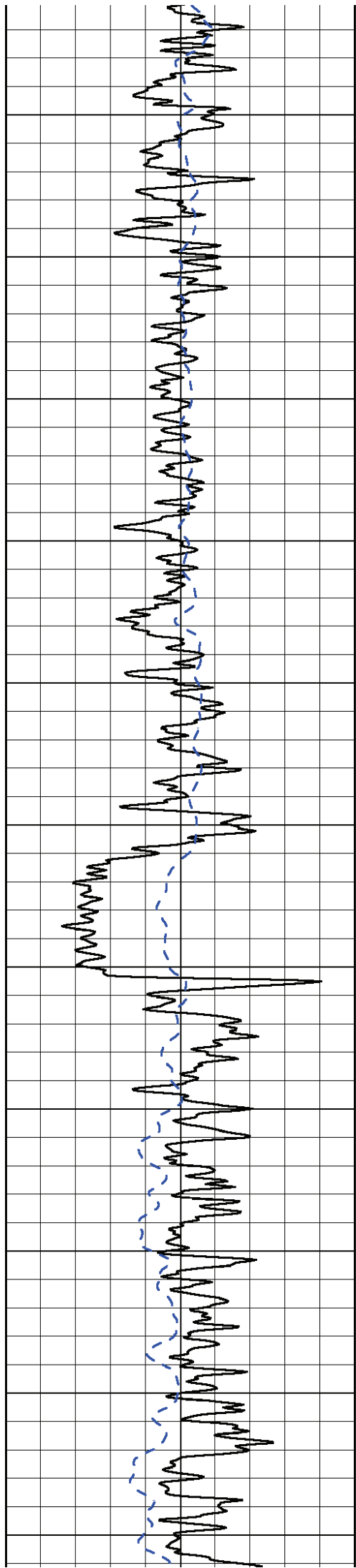
Thank you for using Log-Tech, Inc.
(785) 625-3858

Beeler, W to Turkey Red Rd,
7 S to 80 Rd, 2 E, S Into

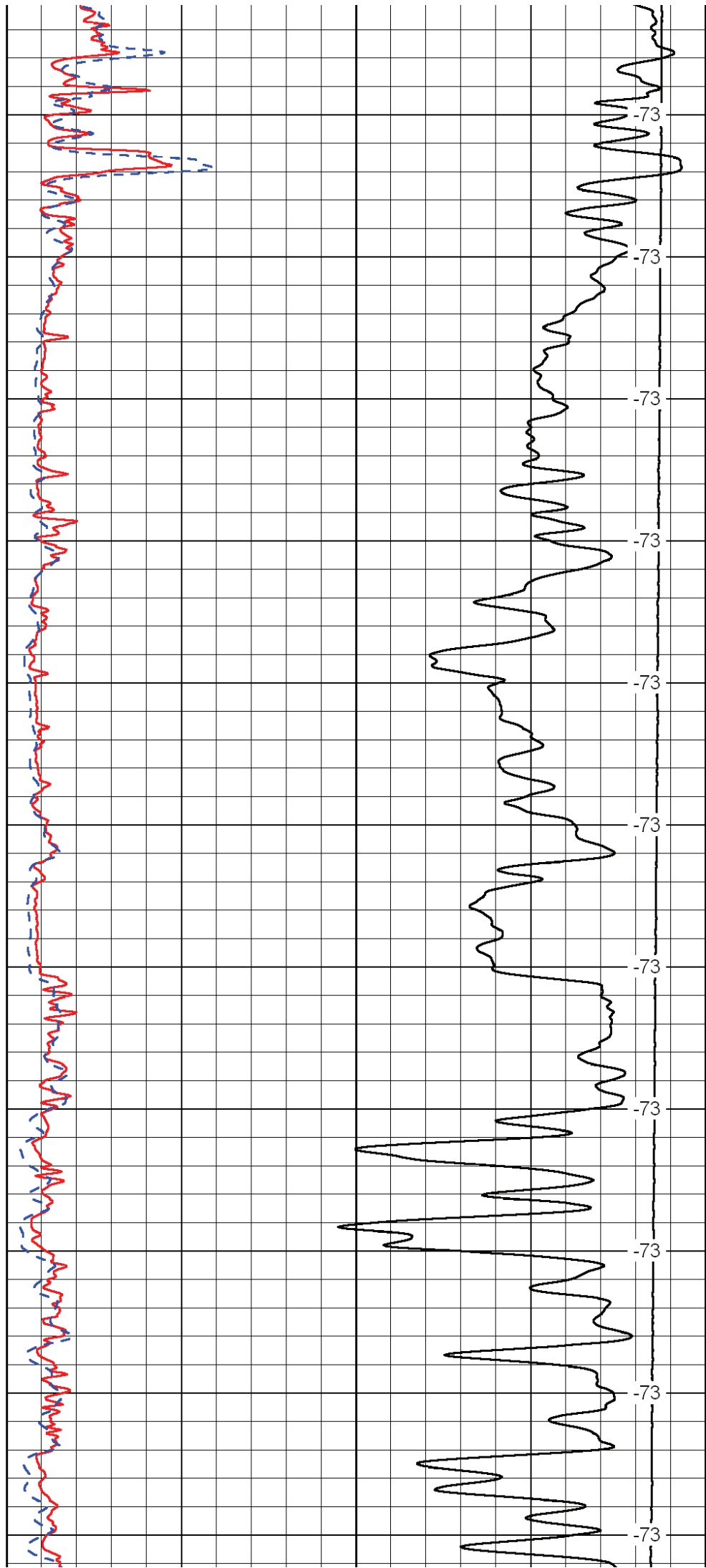
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Dataset Pathname:	dil/midstk
Presentation Format:	dil2in
Dataset Creation:	Sat Nov 05 04:31:09 2011
Charted by:	Depth in Feet scaled 1:600

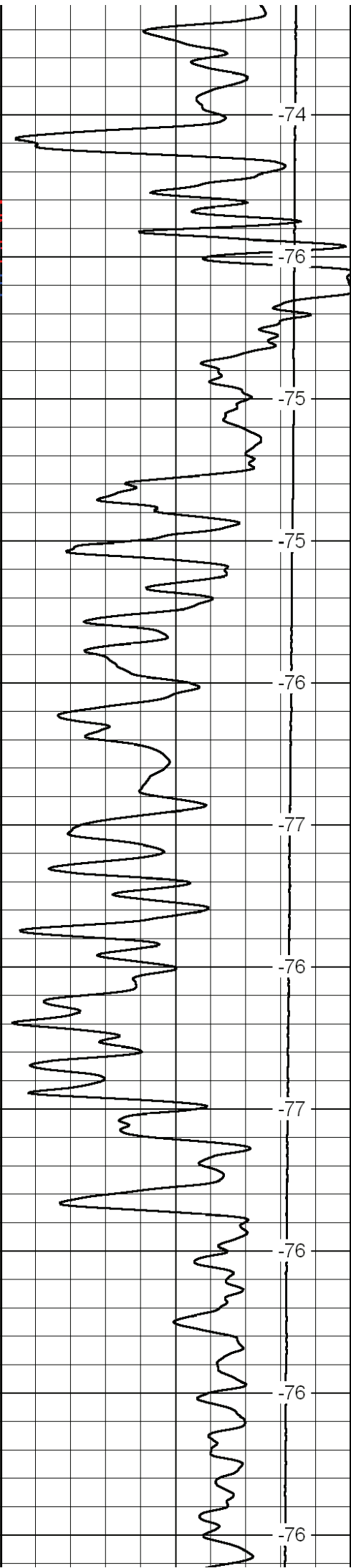
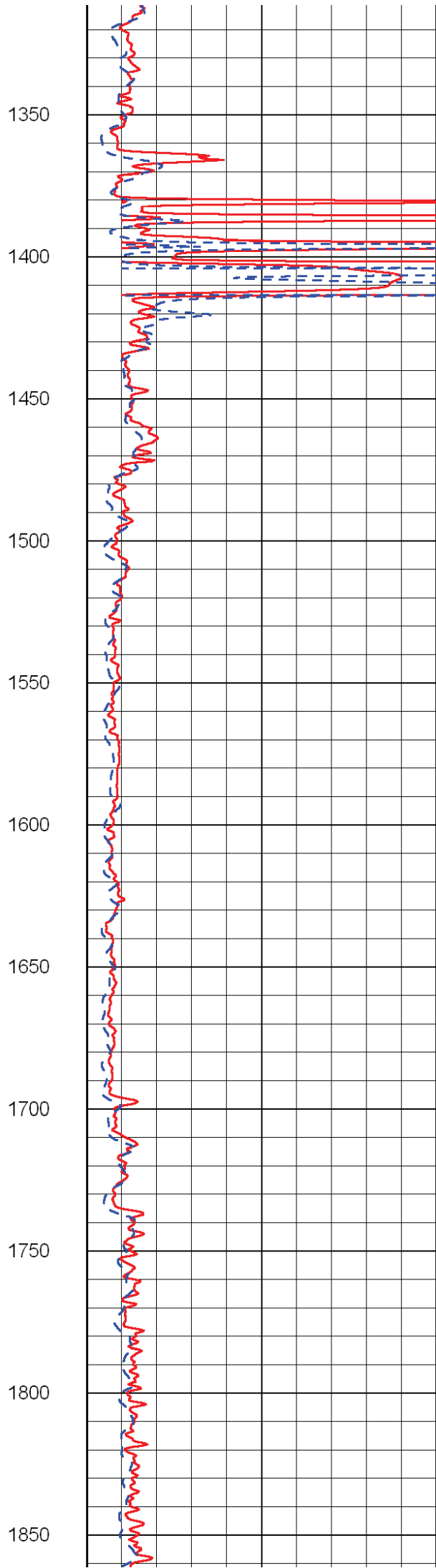
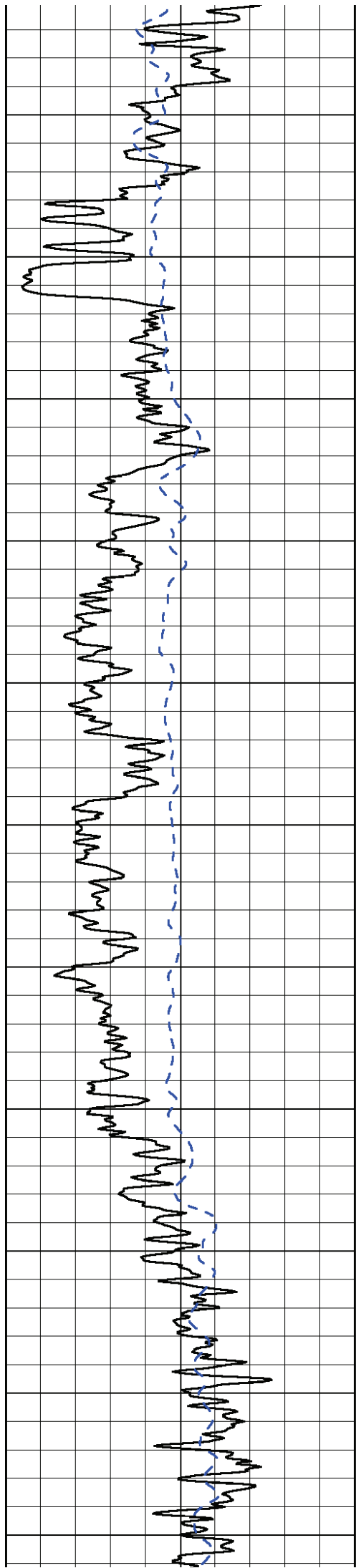
Charted by: _____ Depth in Feet scaled 1:1000								
0	Gamma Ray	150				0	Shallow Resistivity	50
-200	SP (mV)	0				0	Deep Resistivity	50
						1000	Conductivity	0
						15000	Line Tension	0
						50	Shallow Resistivity	500
						50	Deep Resistivity	500

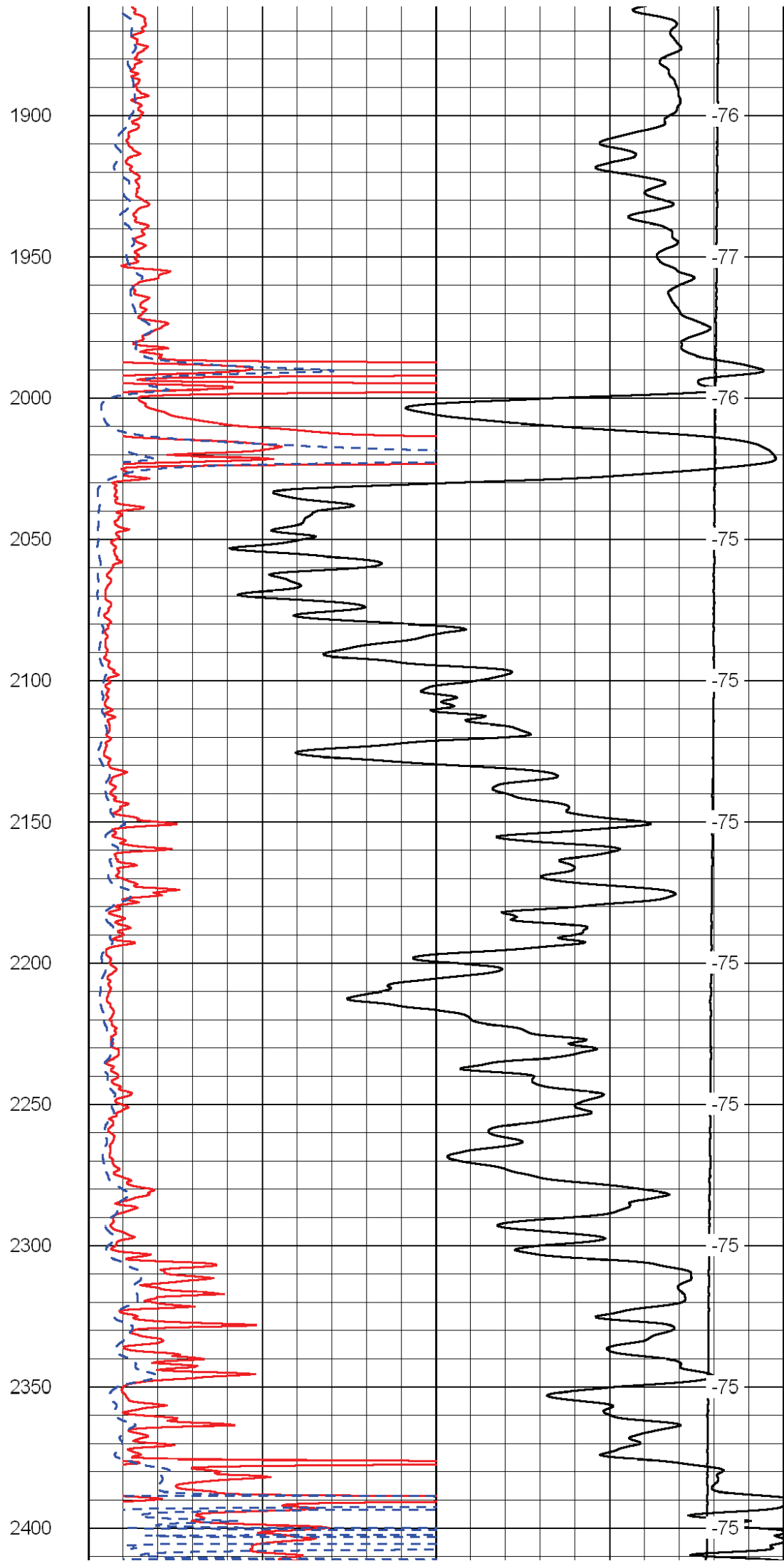
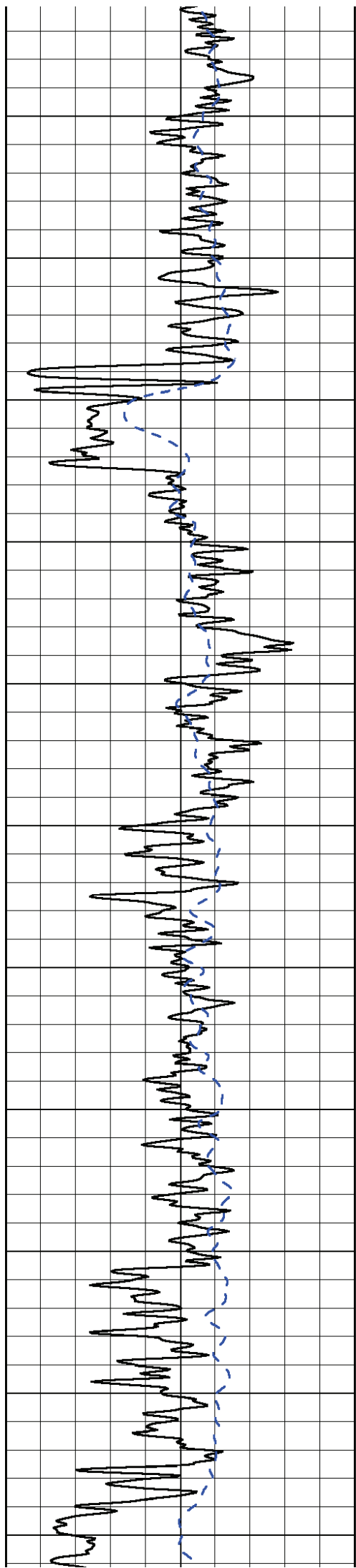


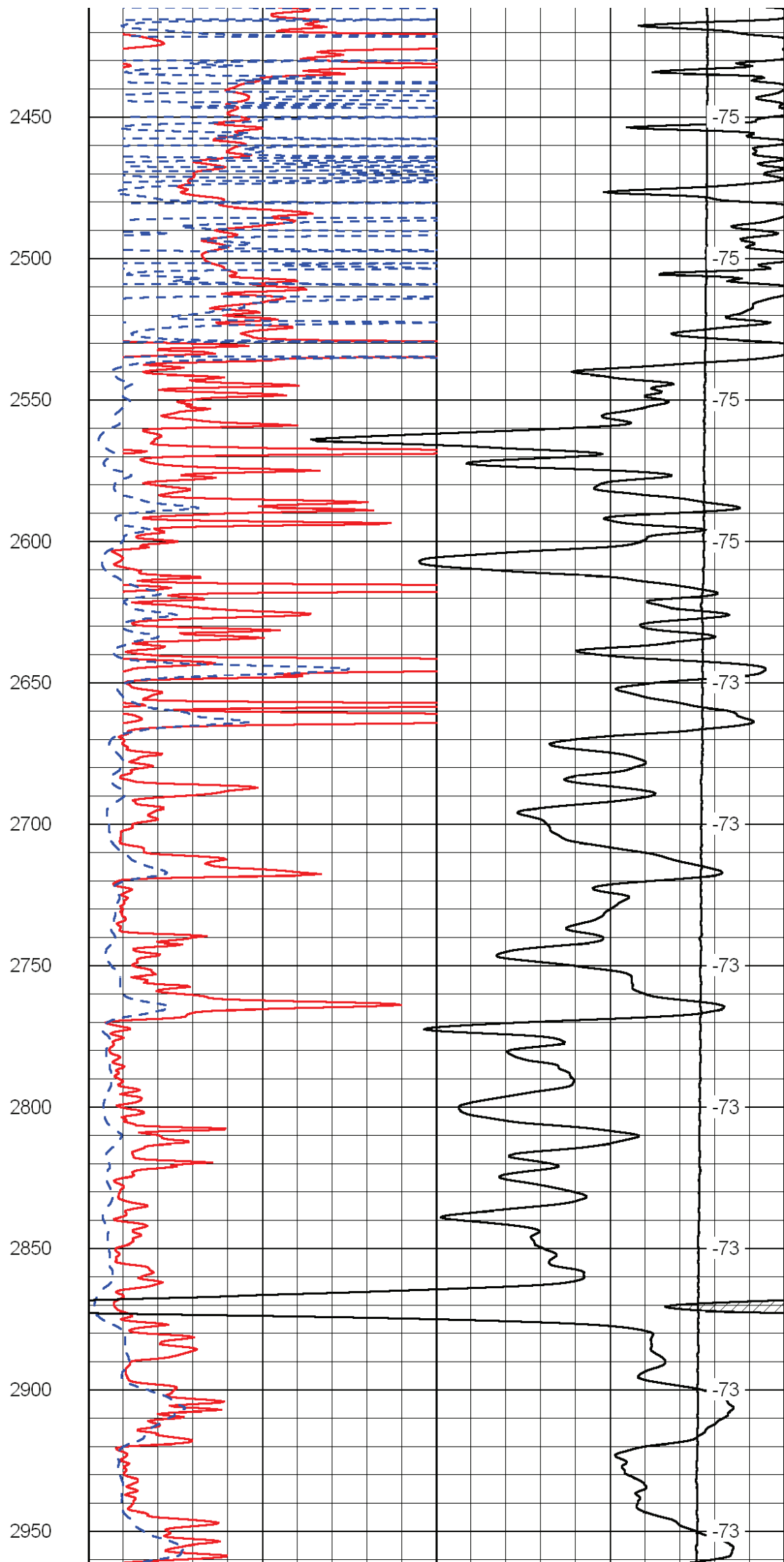
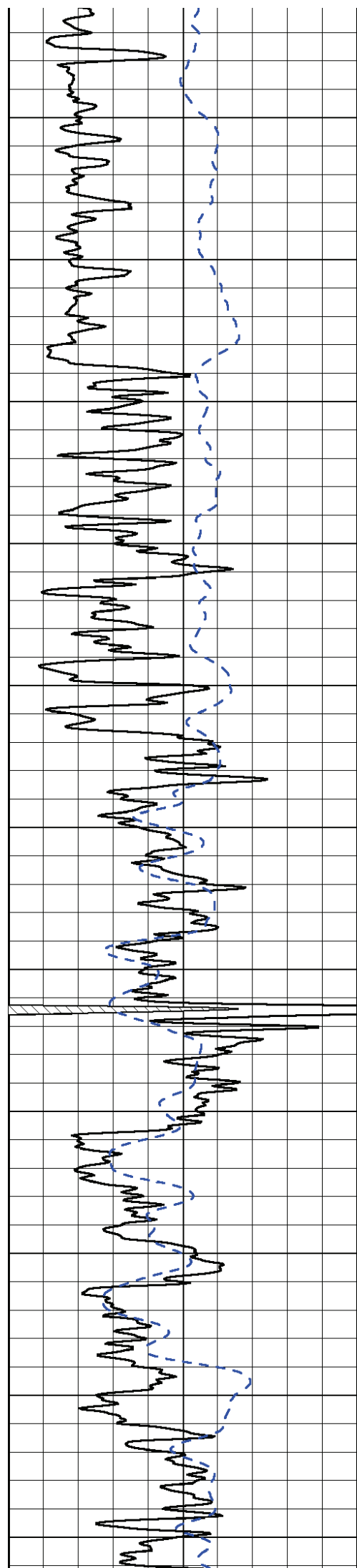


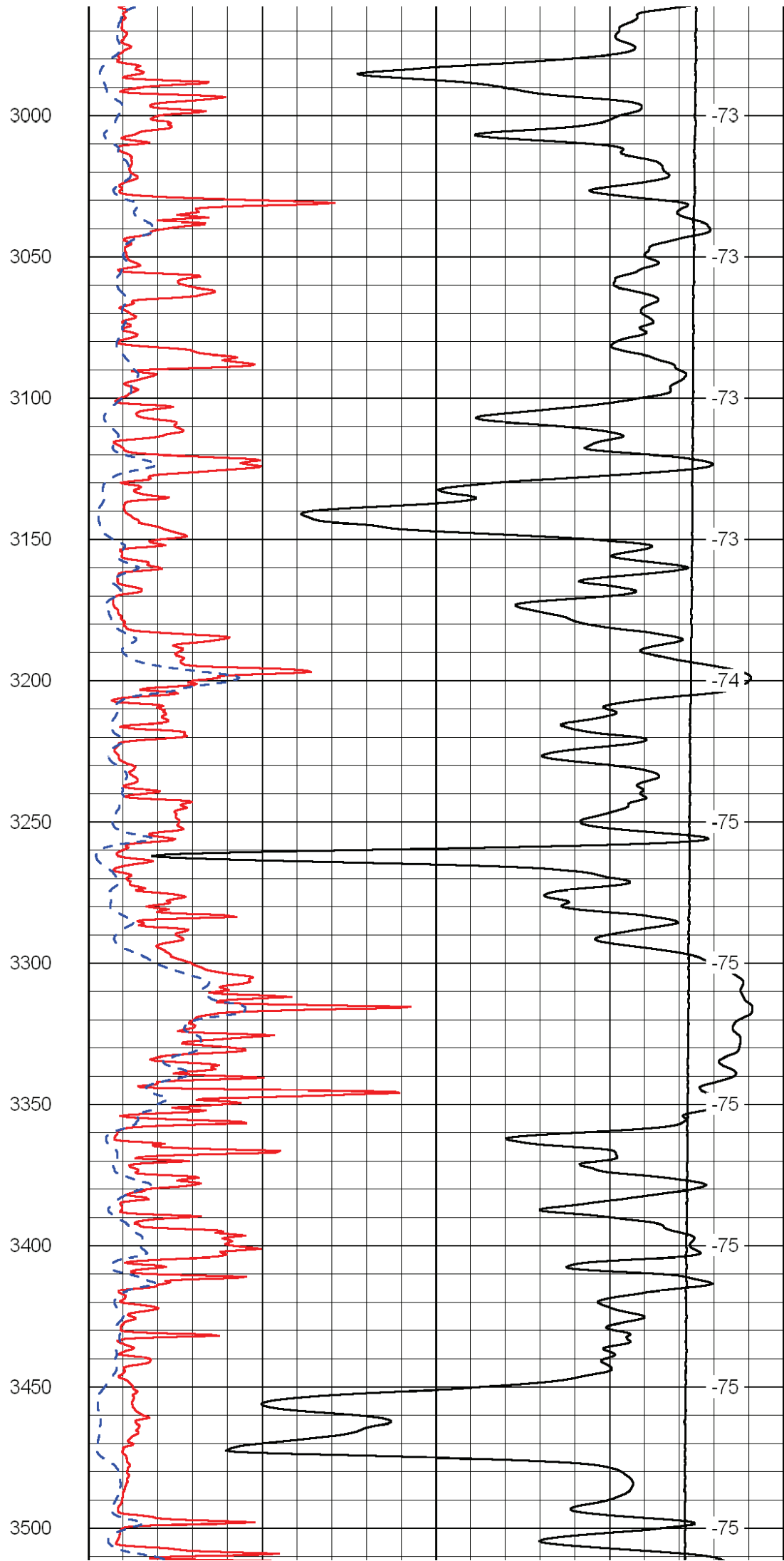
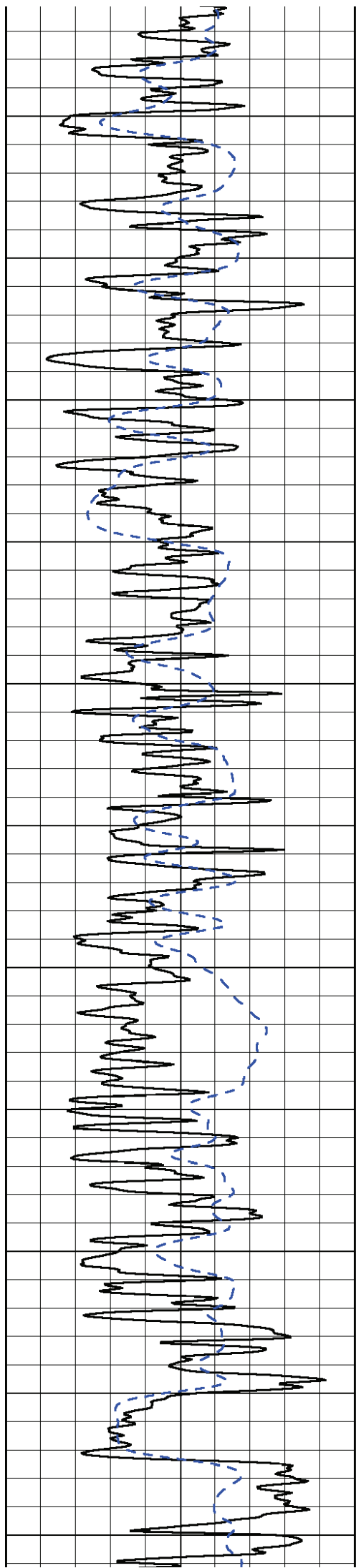
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850
900
950
1000
1050
1100
1150
1200
1250
1300

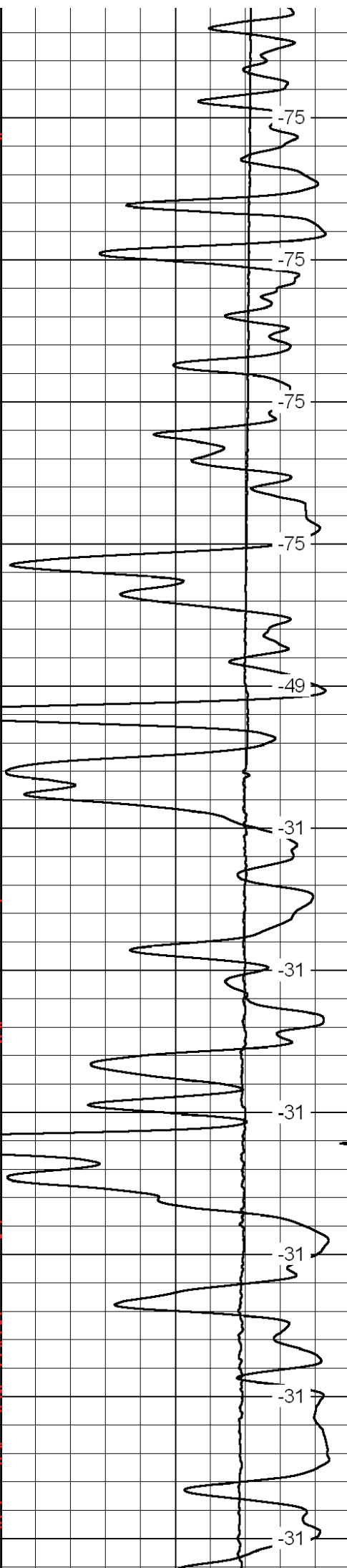
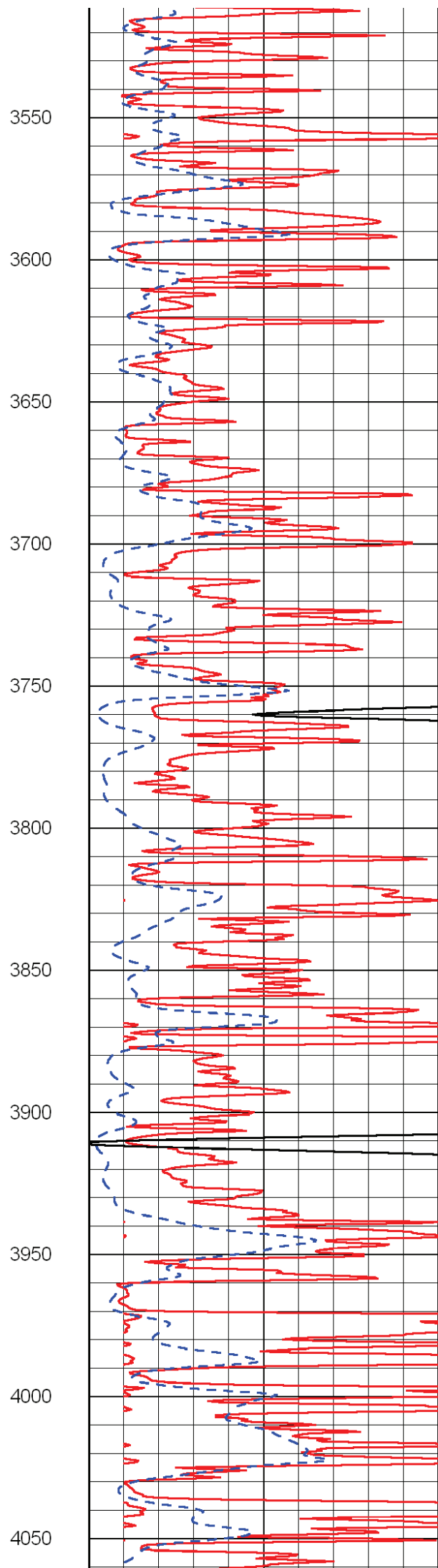
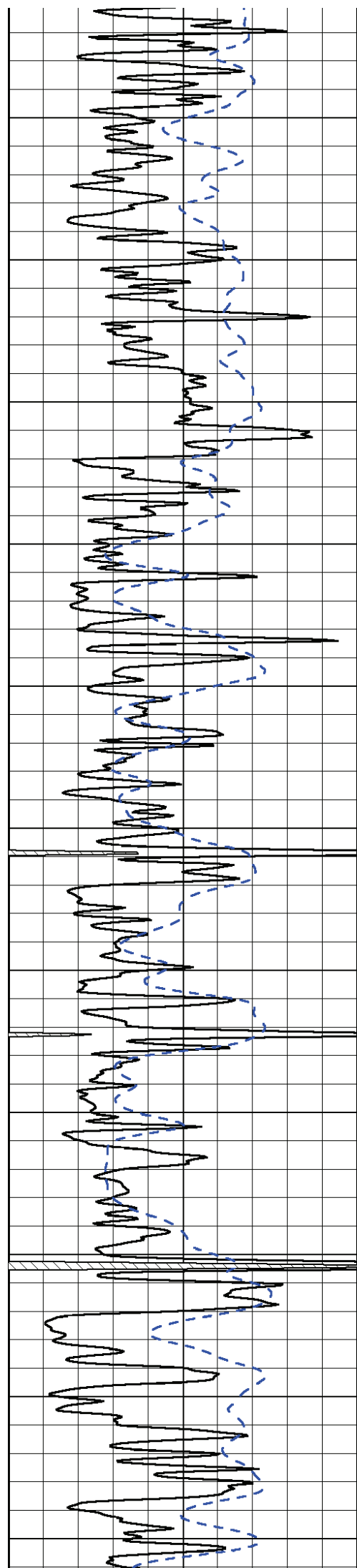


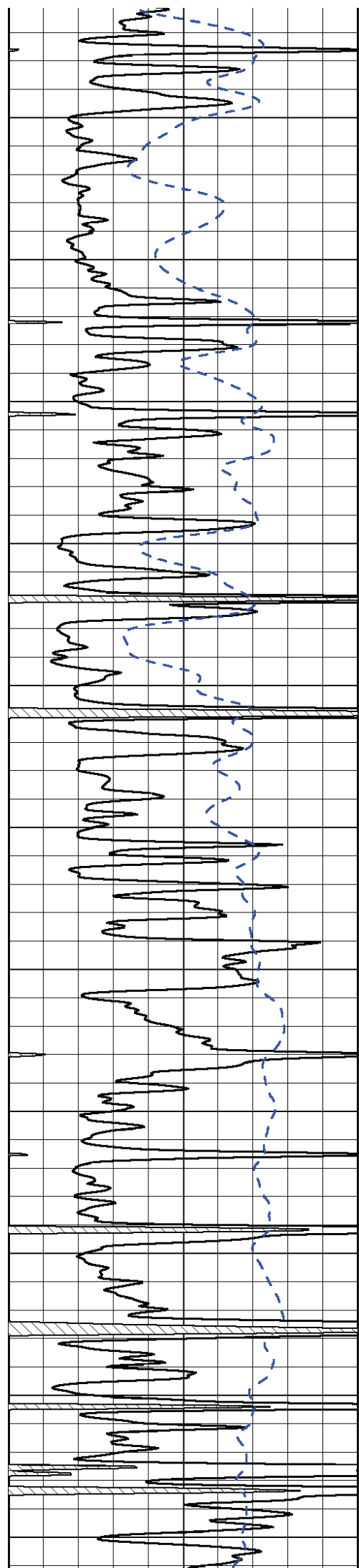




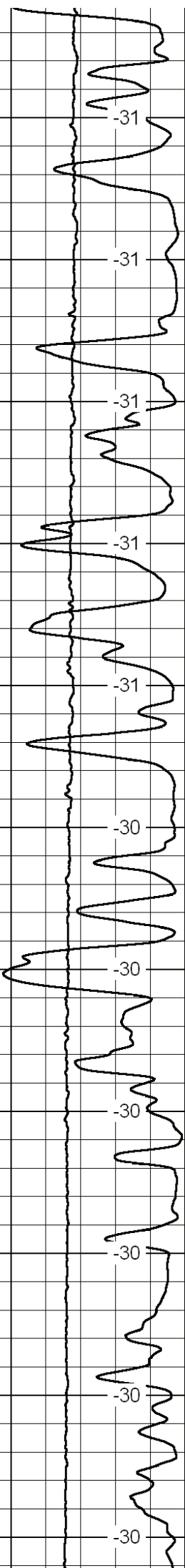
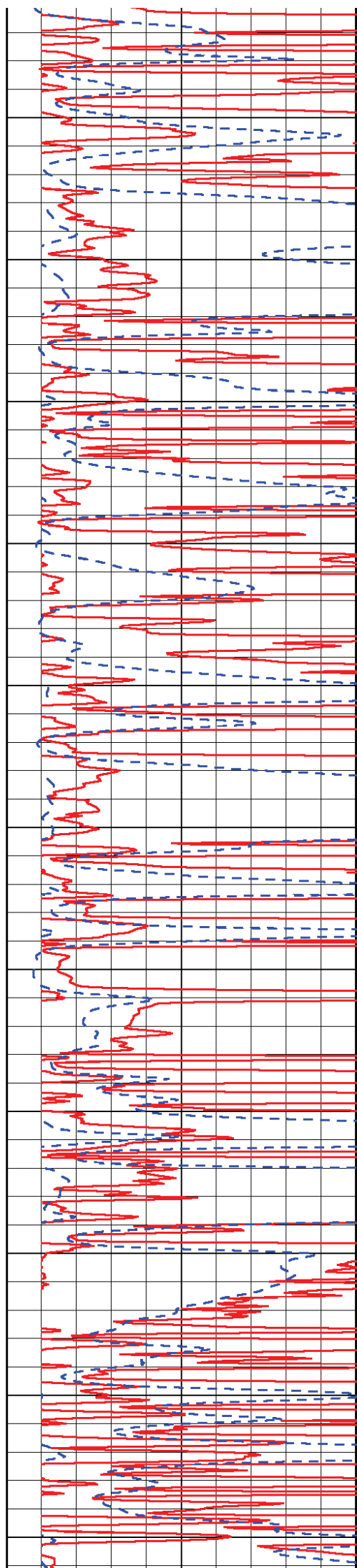


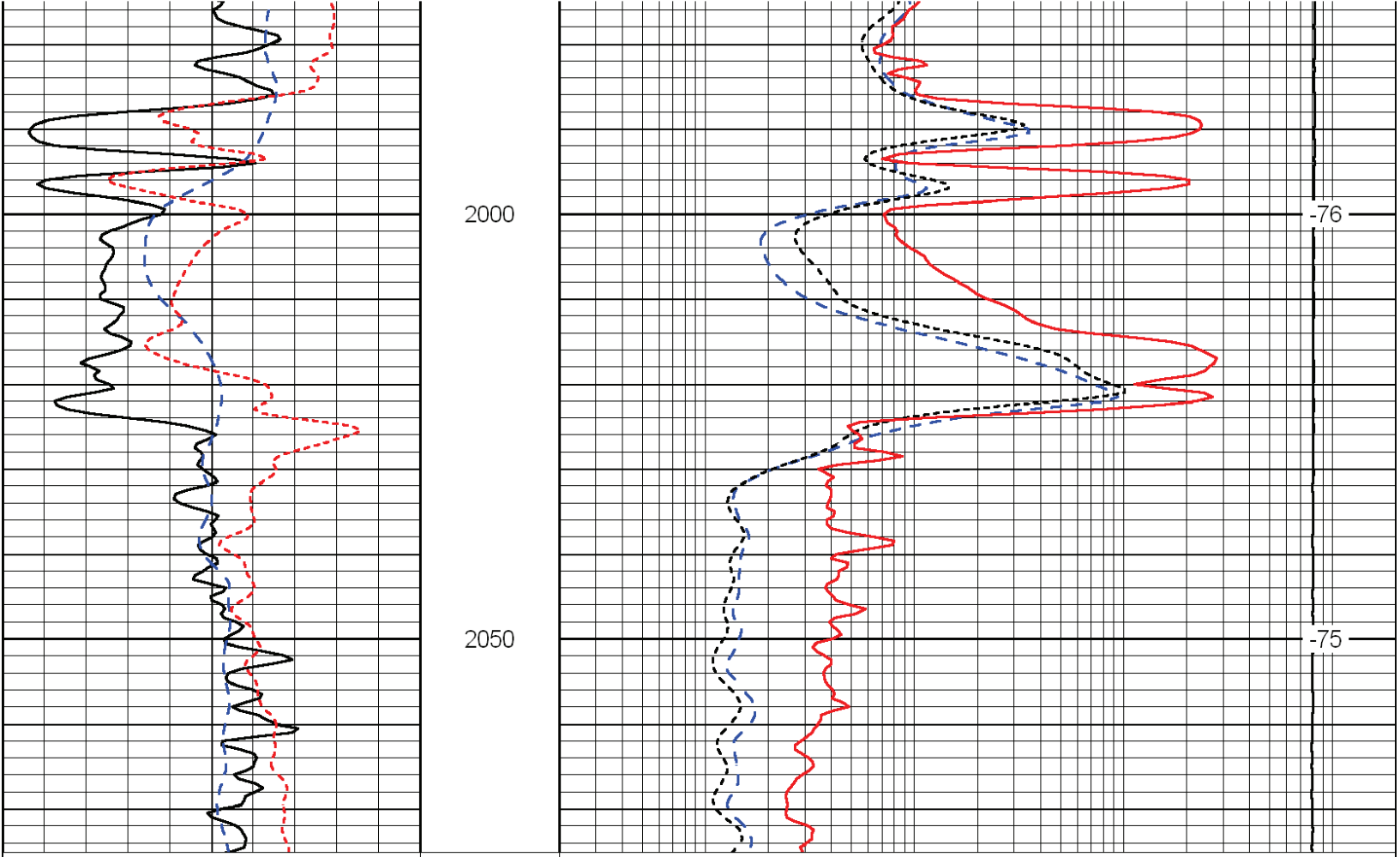
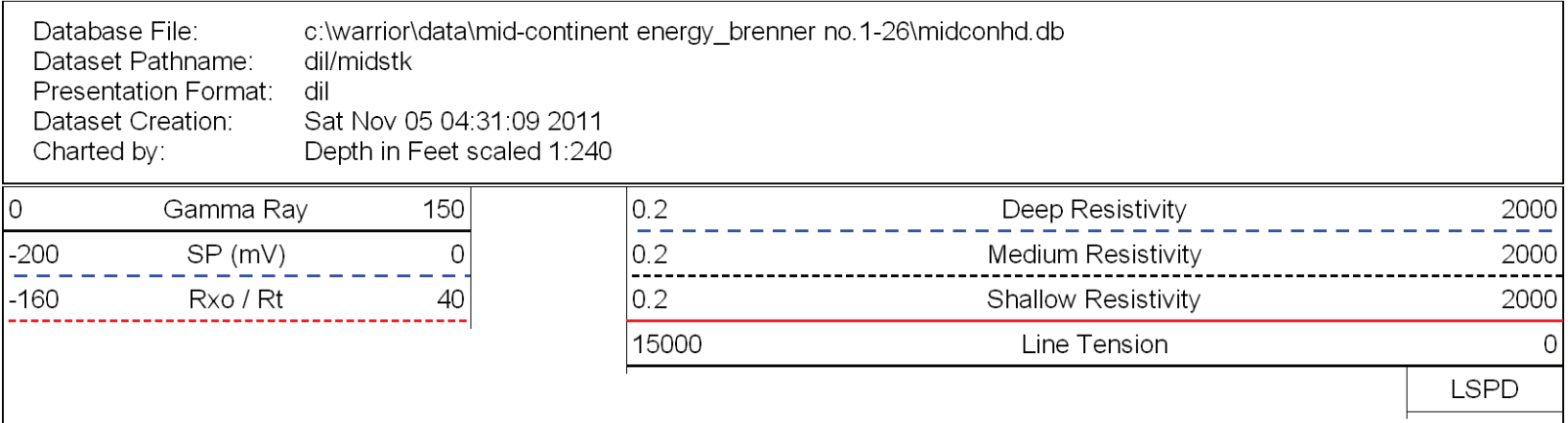
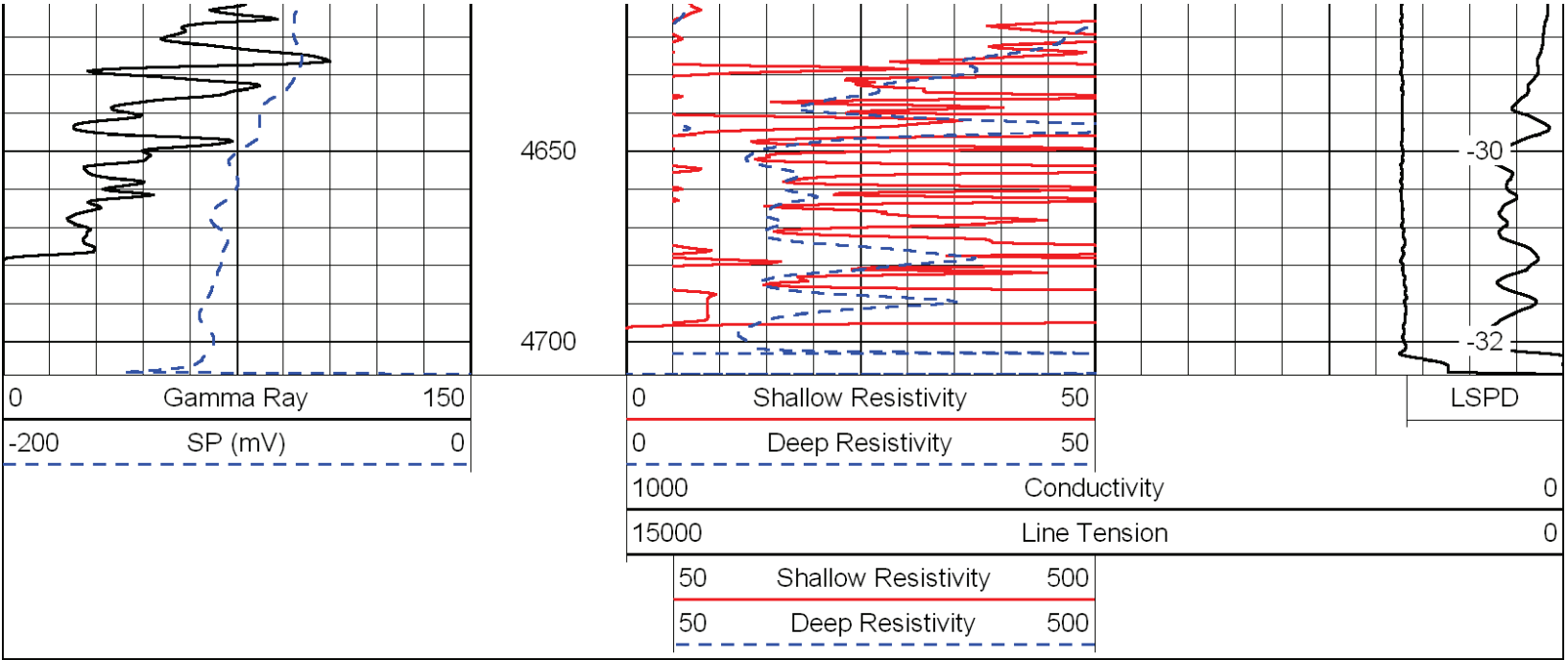






4100
4150
4200
4250
4300
4350
4400
4450
4500
4550
4600





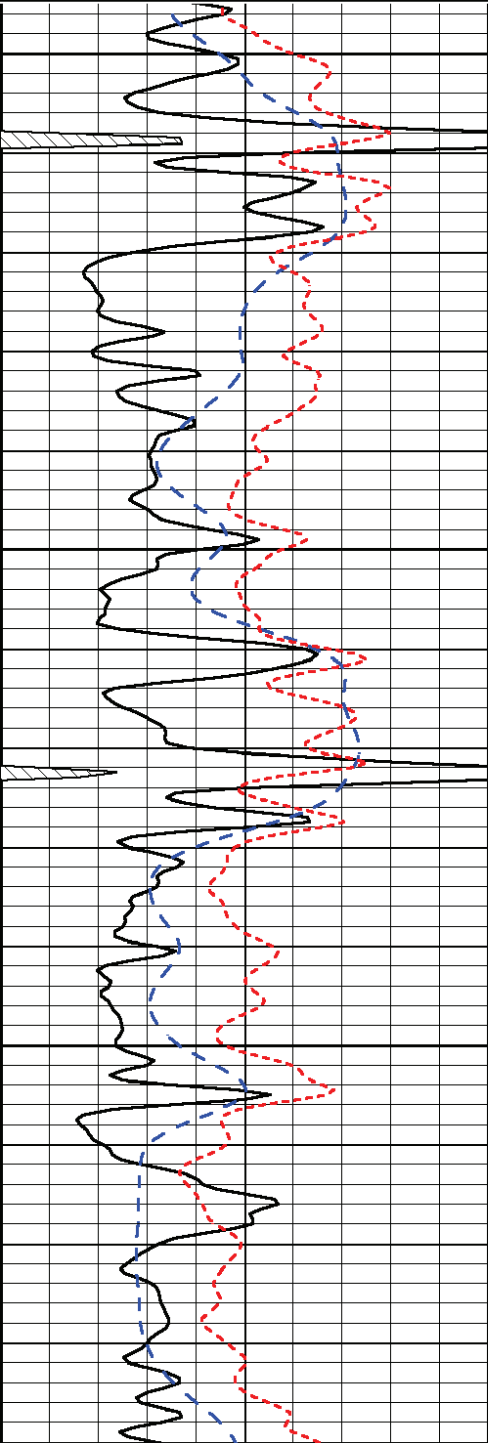
0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0
		LSPD

Database File:	c:\warrior\data\mid-continent energy_brenner no.1-26\midconhd.db
Dataset Pathname:	dil/midstk
Presentation Format:	dil
Dataset Creation:	Sat Nov 05 04:31:09 2011
Charted by:	Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

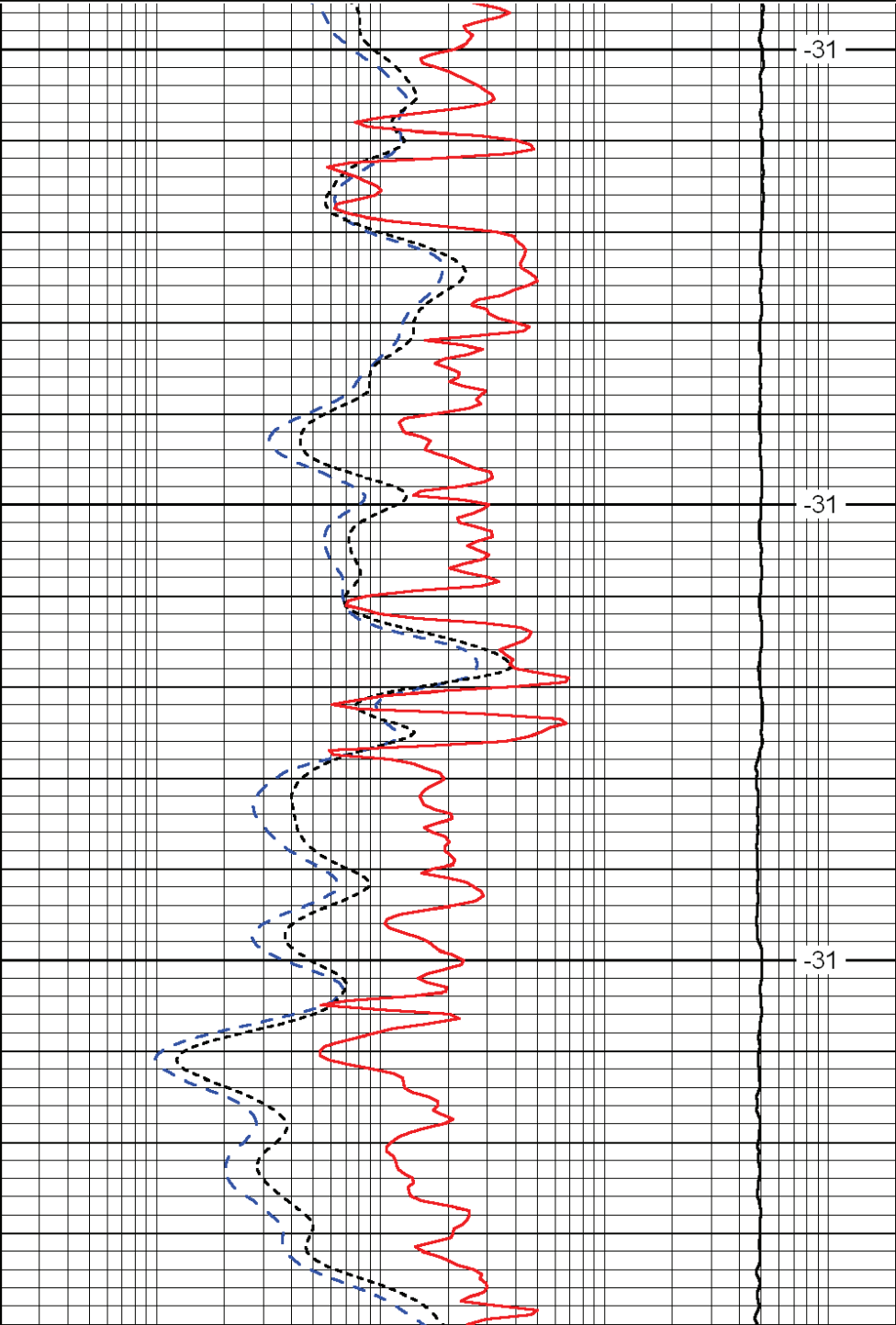
0.2	Deep Resistivity	2000
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0.2	Shallow Resistivity	2000
15000	Line Tension	0
		LSPD



3800

3850

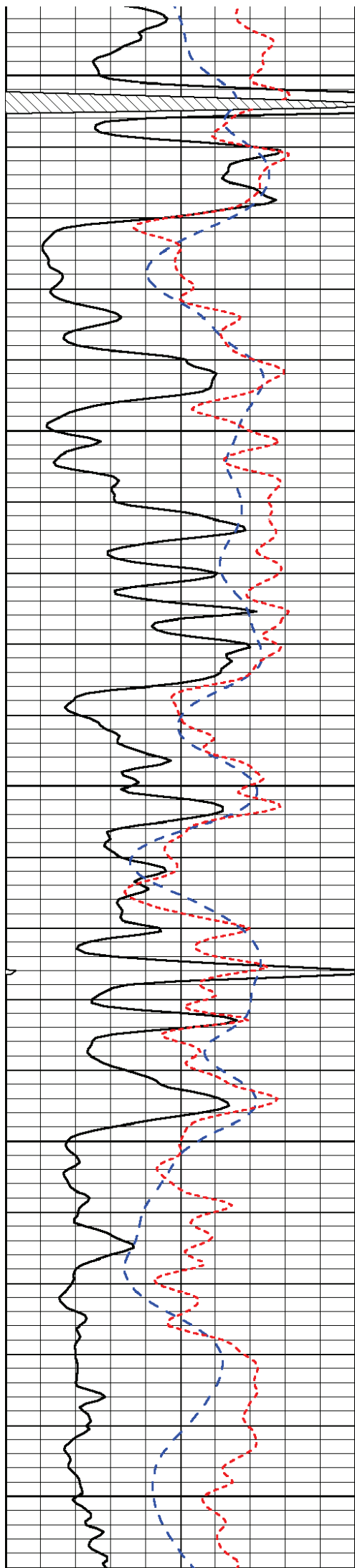
3900



-31

-31

-31



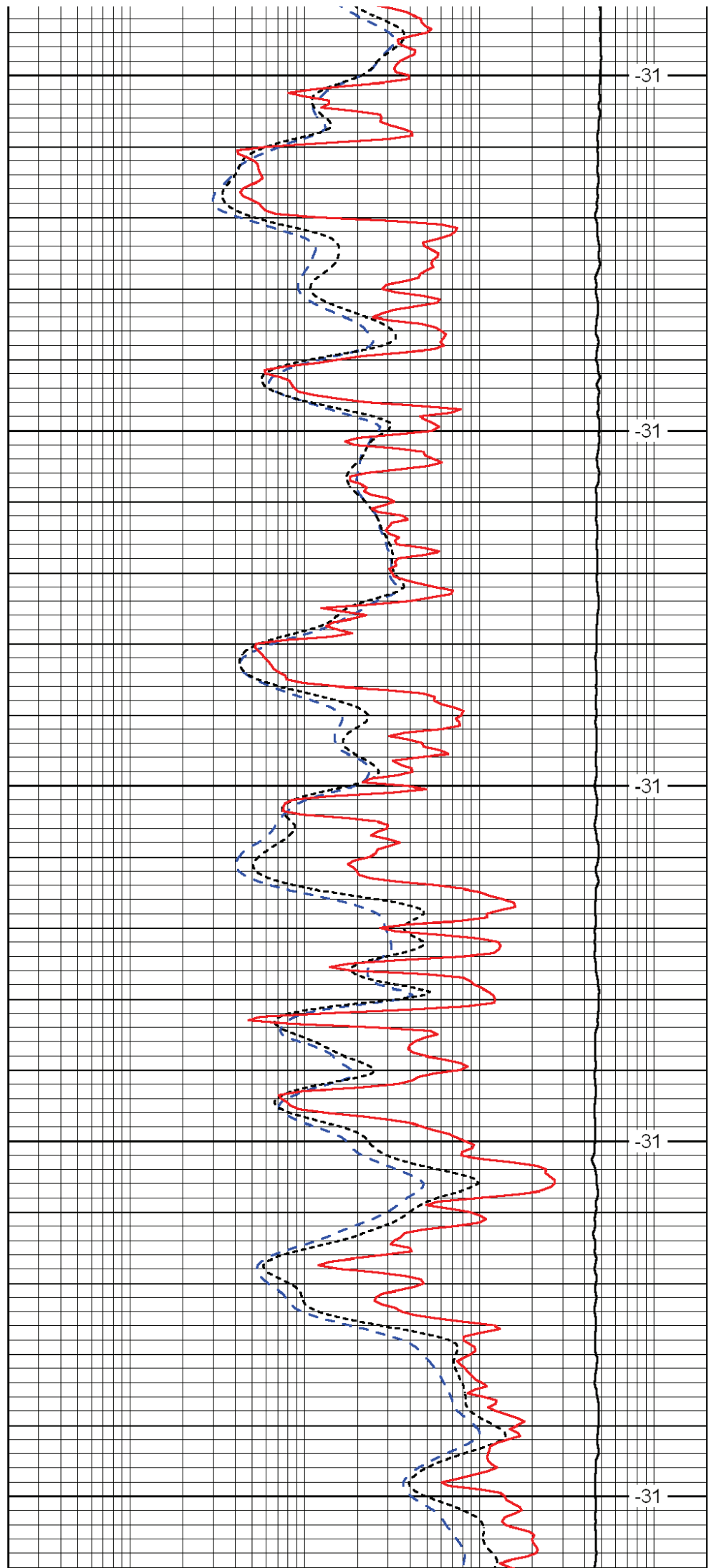
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4000

4050

4100

4150



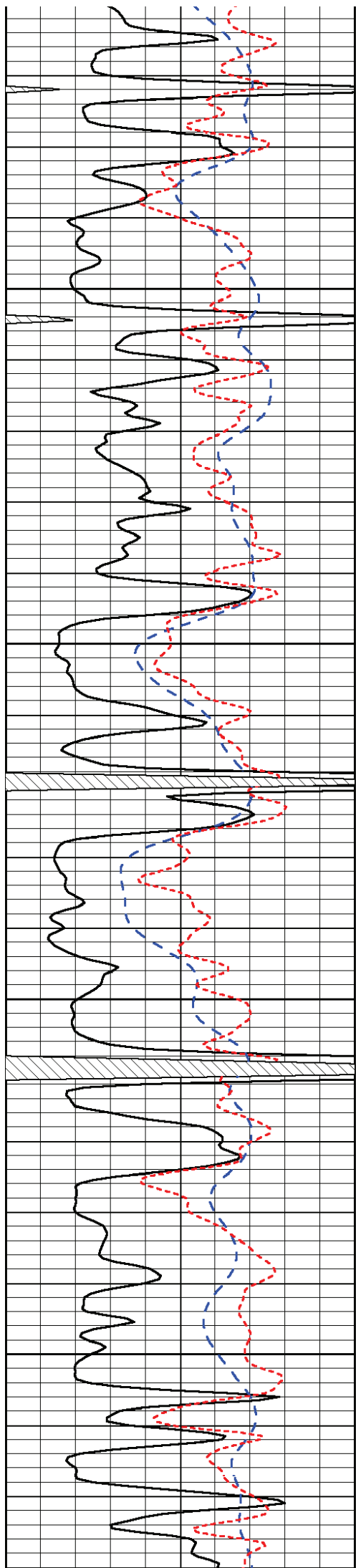
-31

-31

-31

-31

-31

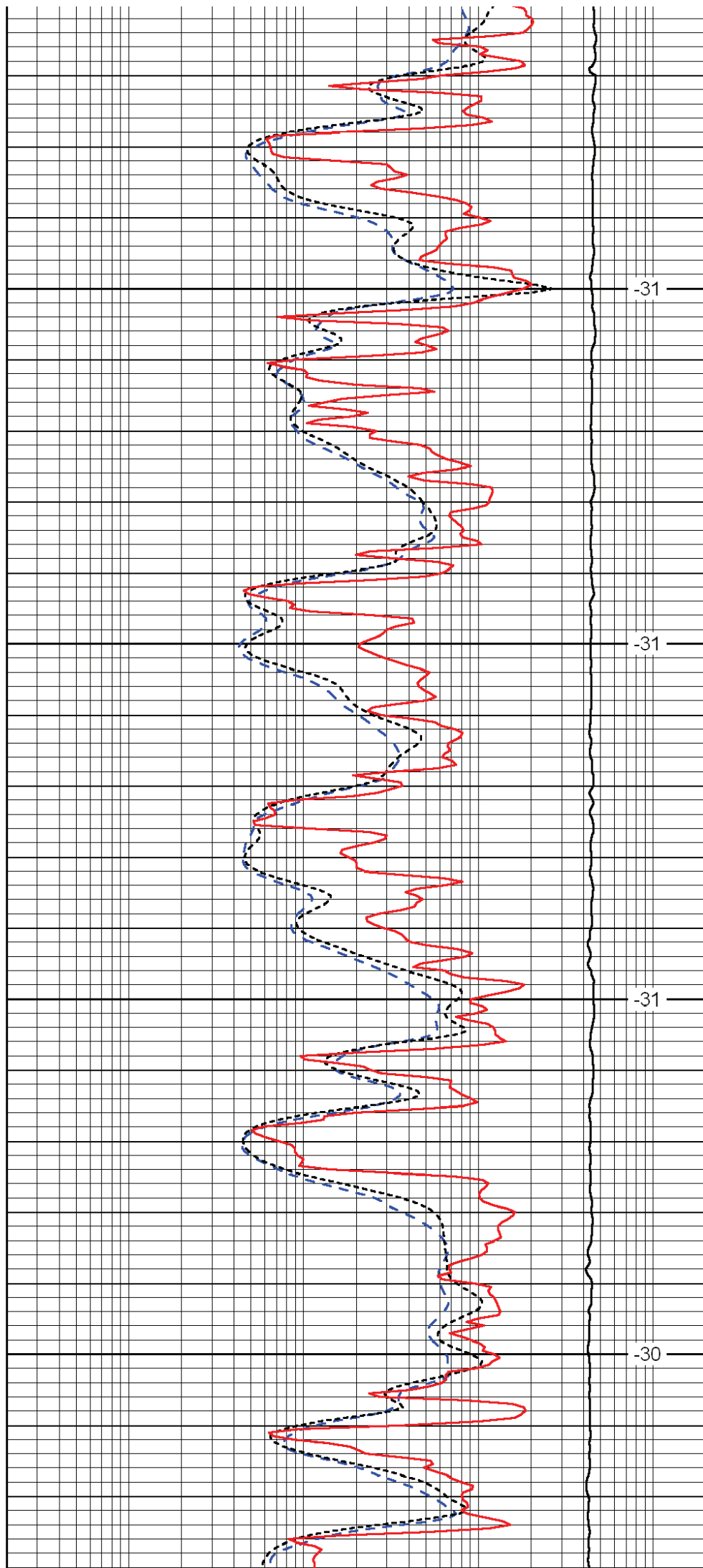


4200

4250

4300

4350

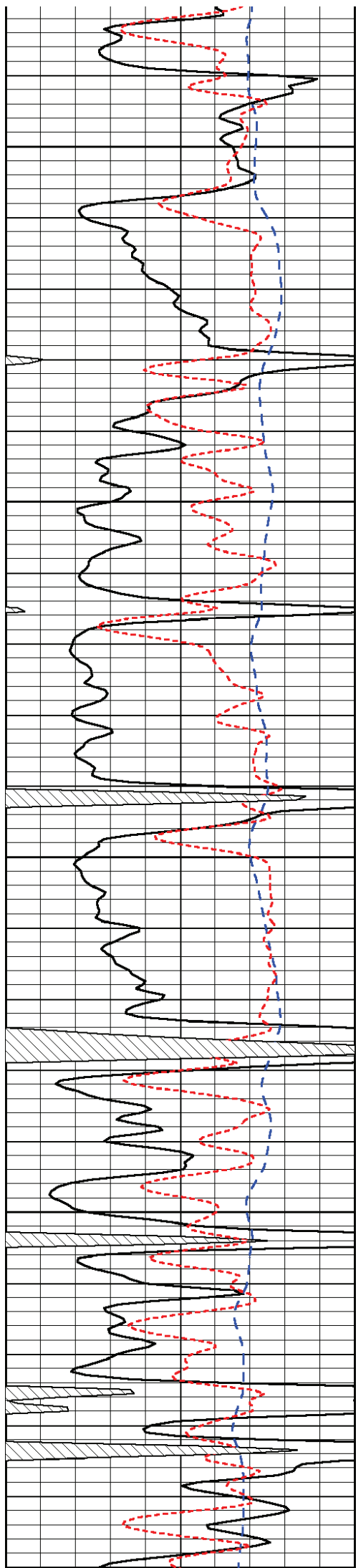


-31

-31

-31

-30



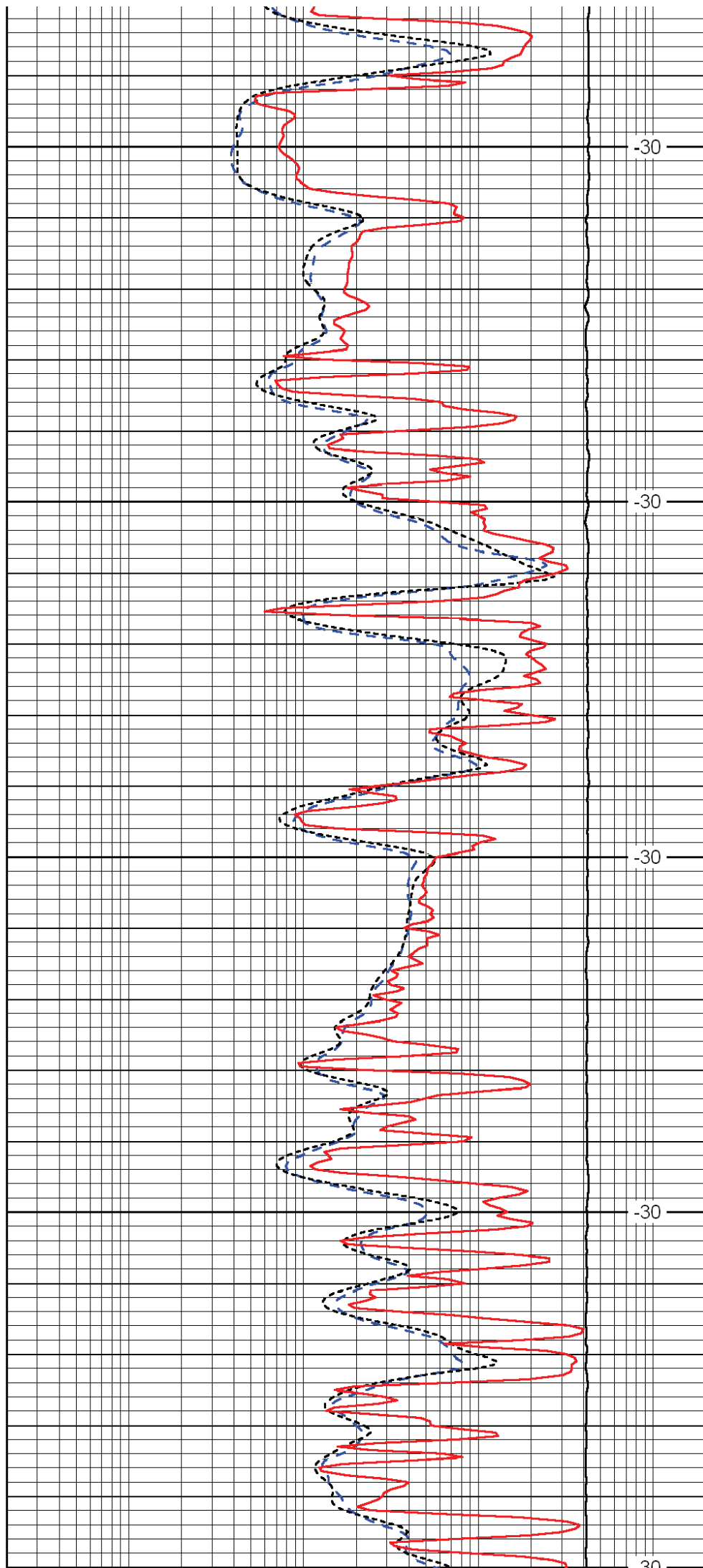
4400

4450

4500

4550

4600



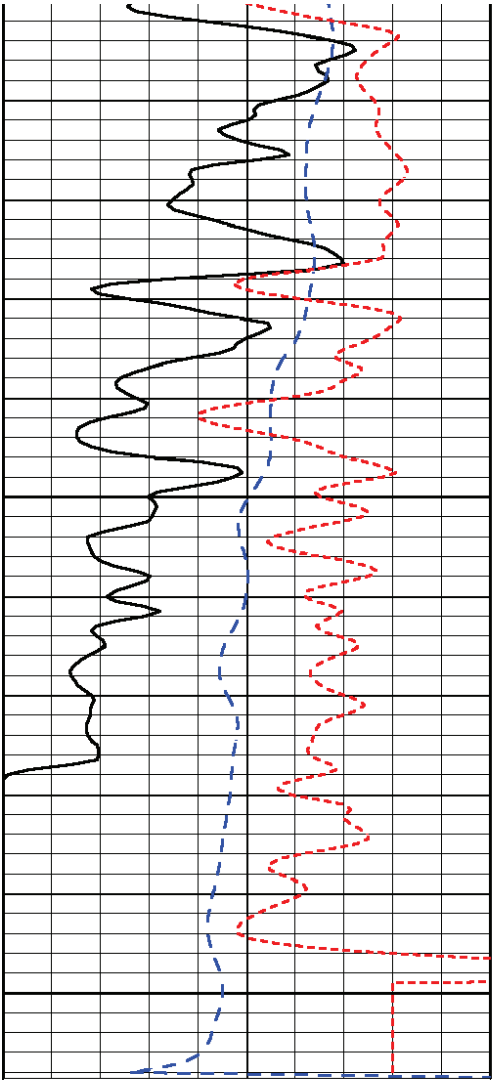
-30

-30

-30

-30

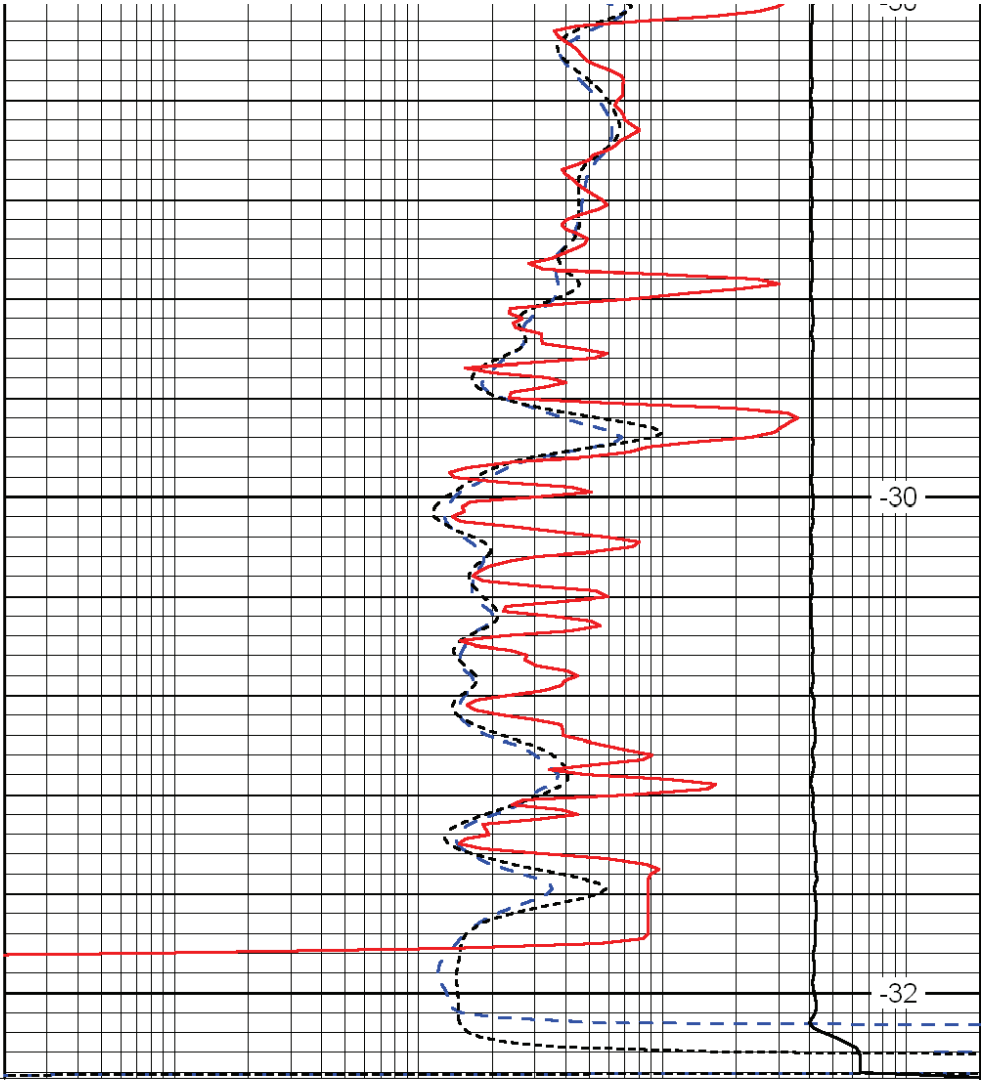
-30



0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

4650

4700



0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD