PIONEER

Pioneer Energy Services

Radiation Guard Log

API No. 15-023-21405-00-00

Company Berexco, LLC

Well Meers E #1-15

Field Wildcat

County Cheyenne State Kansas

Location

Sec: 15 Twp: 1S Rge: 37W

580' FNL & 700' FWL

Other Services

None

Elevation

K.B. 3156

D.F.

G.L. 3143

Permanent Datum	Ground Level	Elevation 3143	
Log Measured From	Kelly Bushing	13	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		

Date	9/13/2014		
Run Number	One		
Depth Driller	4650		
Depth Logger	4651		
Bottom Logged Interval	4650		
Top Log Interval	300		
Casing Driller	8.625 @ 310		
Casing Logger	308		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	600		
Density / Viscosity	9.3 | 76		
pH / Fluid Loss	11.5 | 6.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	0.75 @ 59		
Rmf @ Meas. Temp	0.56 @ 59		
Rmc @ Meas. Temp	1.01 @ 59		
Source of Rmf / Rmc	Charts		
Rm @ BHT	0.36 @ 123		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	123		
Equipment Number	91		
Location	Hays		
Recorded By	D. Schmidt		
Witnessed By	Pete Vollmer		

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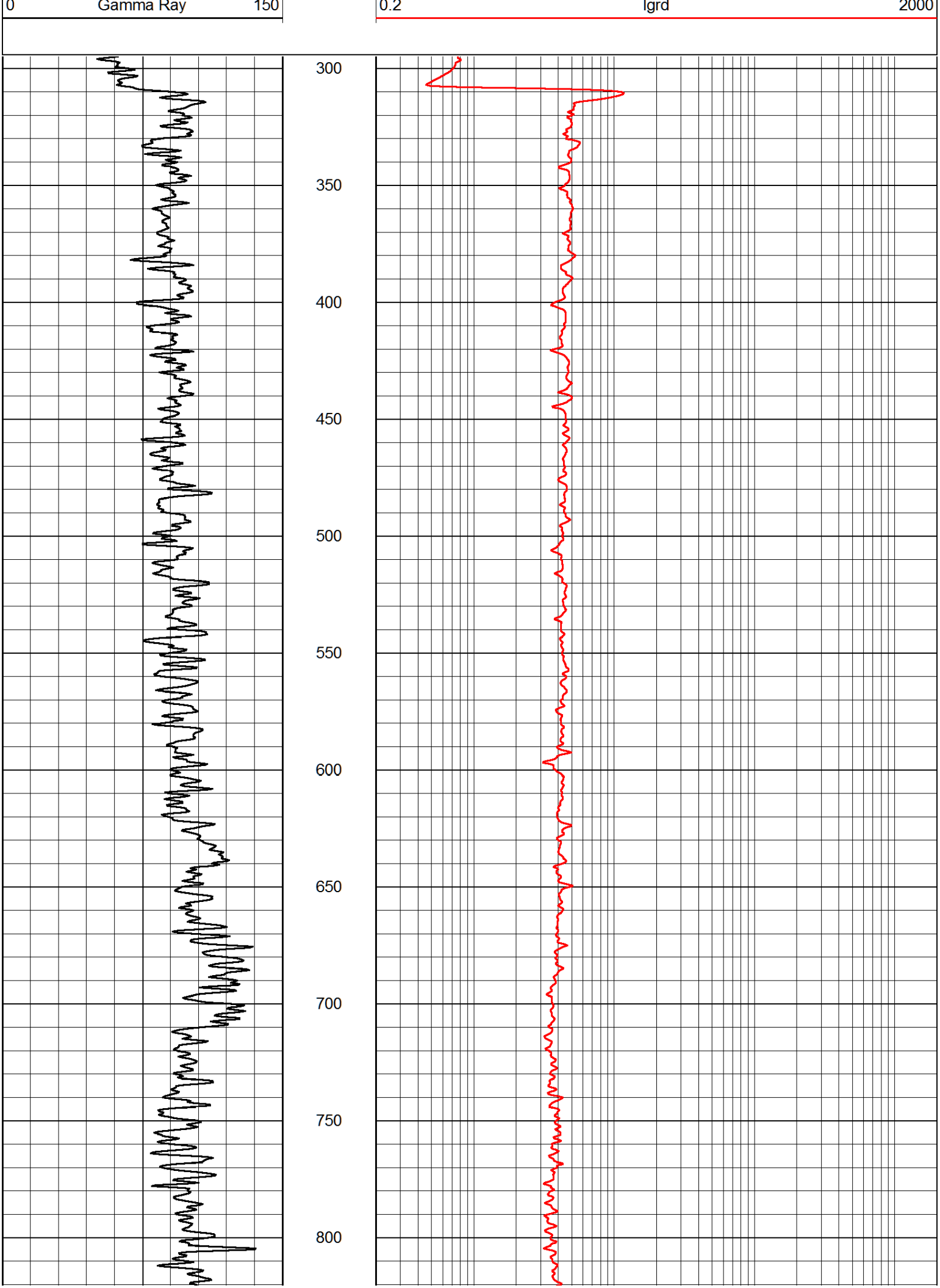
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Bird City,
North to AA Rd, 3 1/2 East to 32 Rd, 1 1/2 North,
East into

Database File:	berexco_091314hd.db
Dataset Pathname:	rag/brxrag
Presentation Format:	rag2in
Dataset Creation:	Sat Sep 13 23:35:52 2014
Charted by:	Depth in Feet scaled 1:600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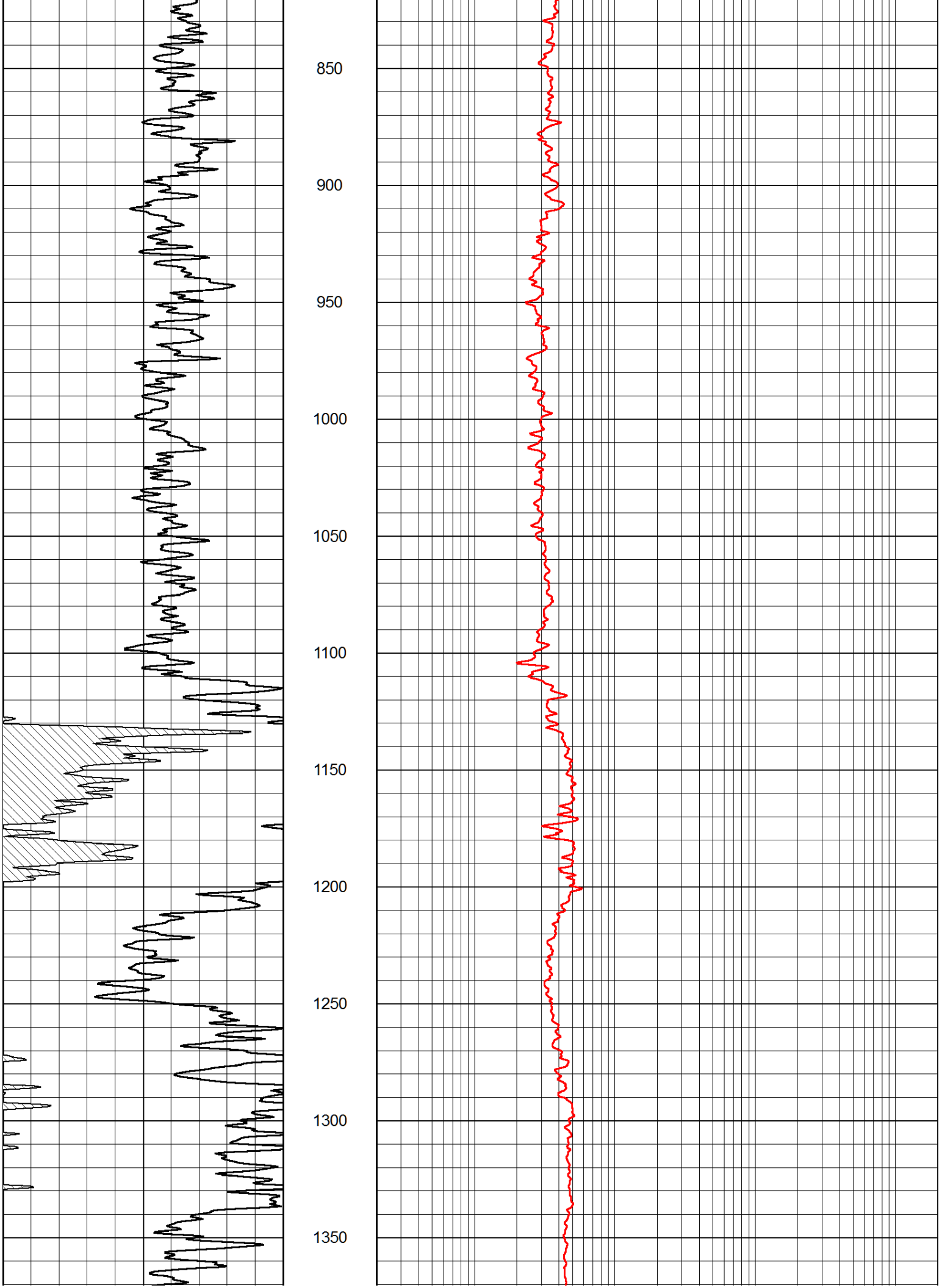
Gamma Ray
150
0.2
Igrd
2000
300
350
400
450
500
550
600
650
700
750
800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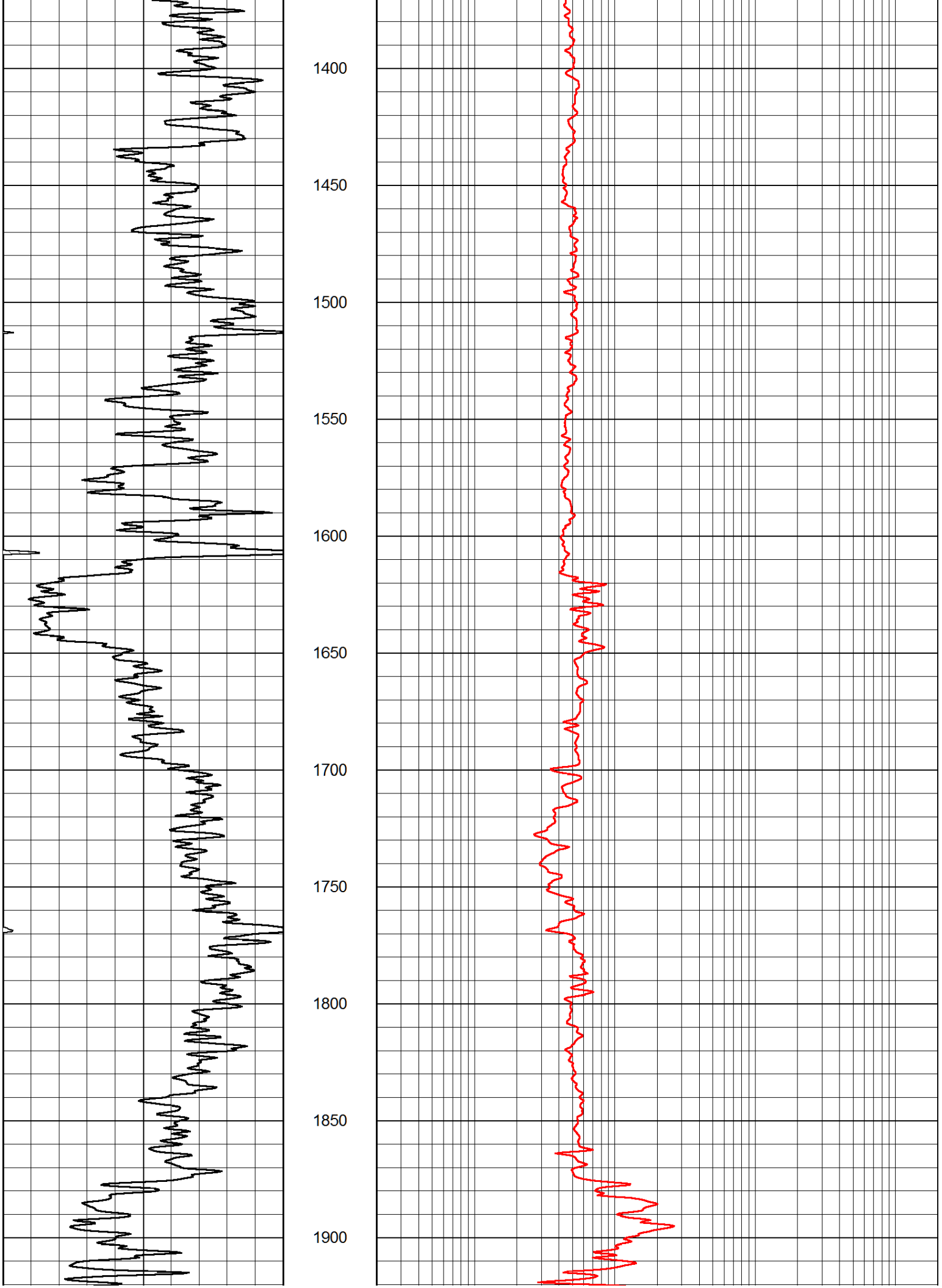
900
950
1000
1050
1100
1150
1200
1250
1300
1350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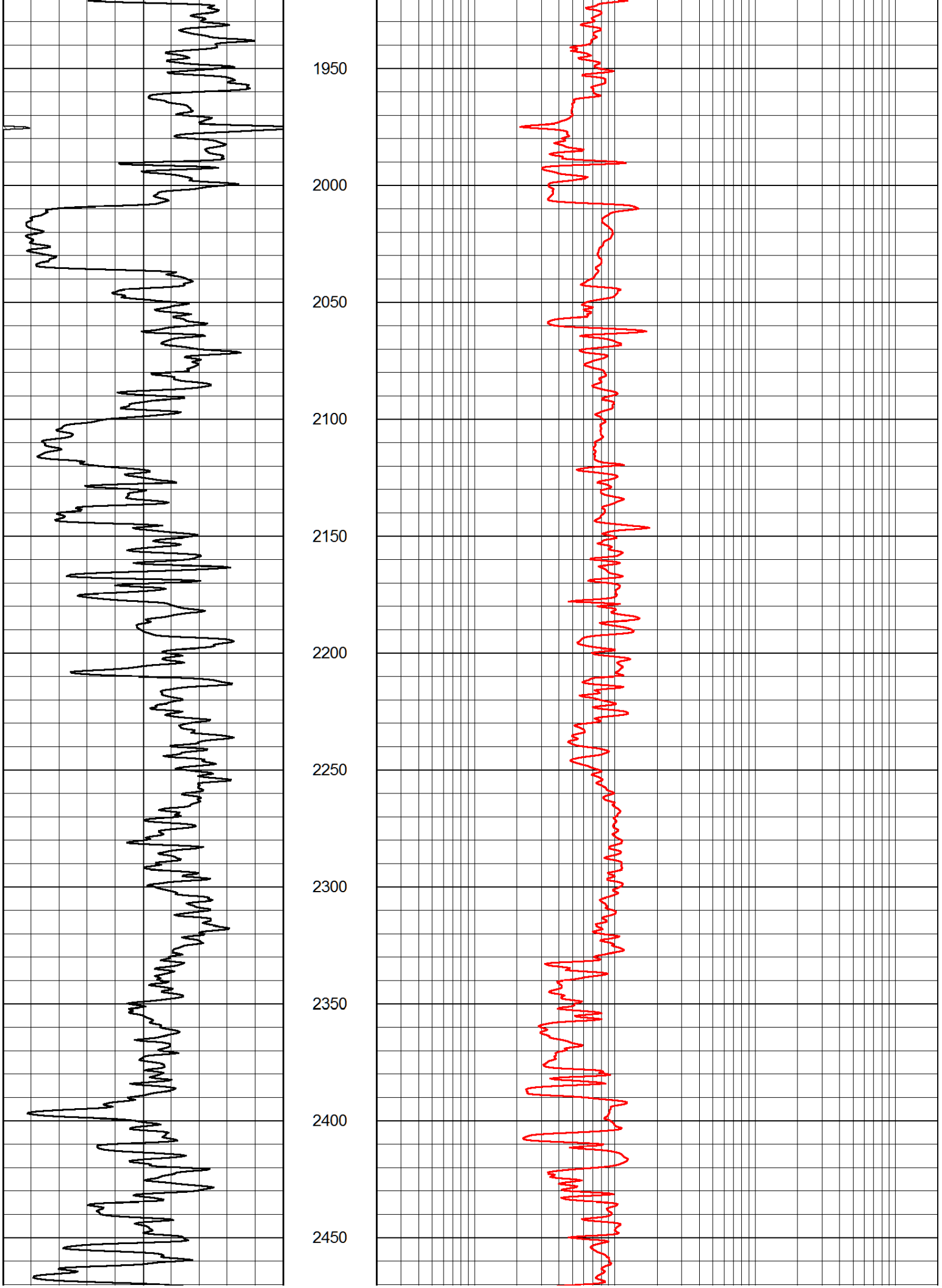
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900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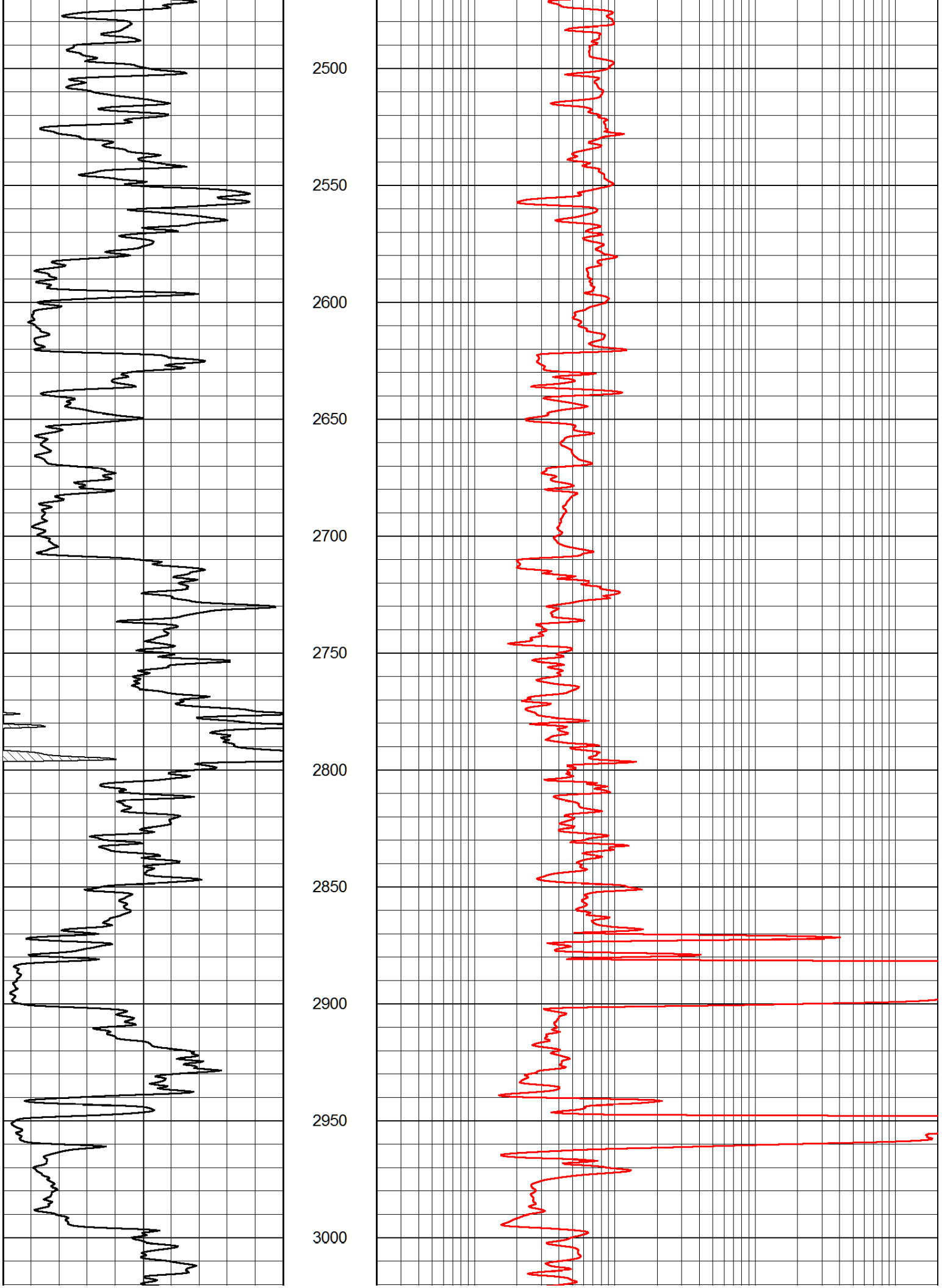
2000
2050
2100
2150
2200
2250
2300
2350
2400
2450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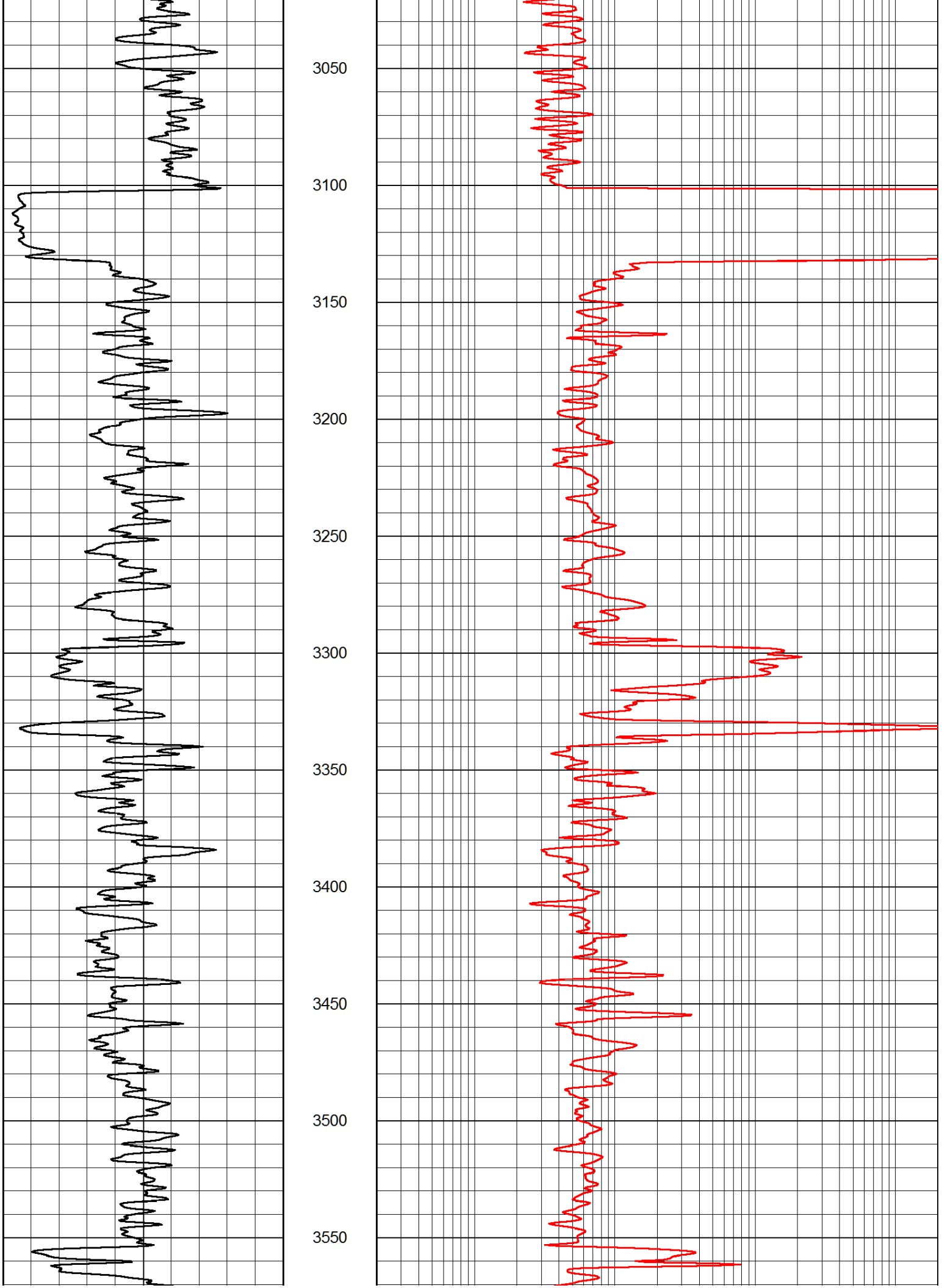
2550
2600
2650
2700
2750
2800
2850
2900
2950
3000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3300
3350
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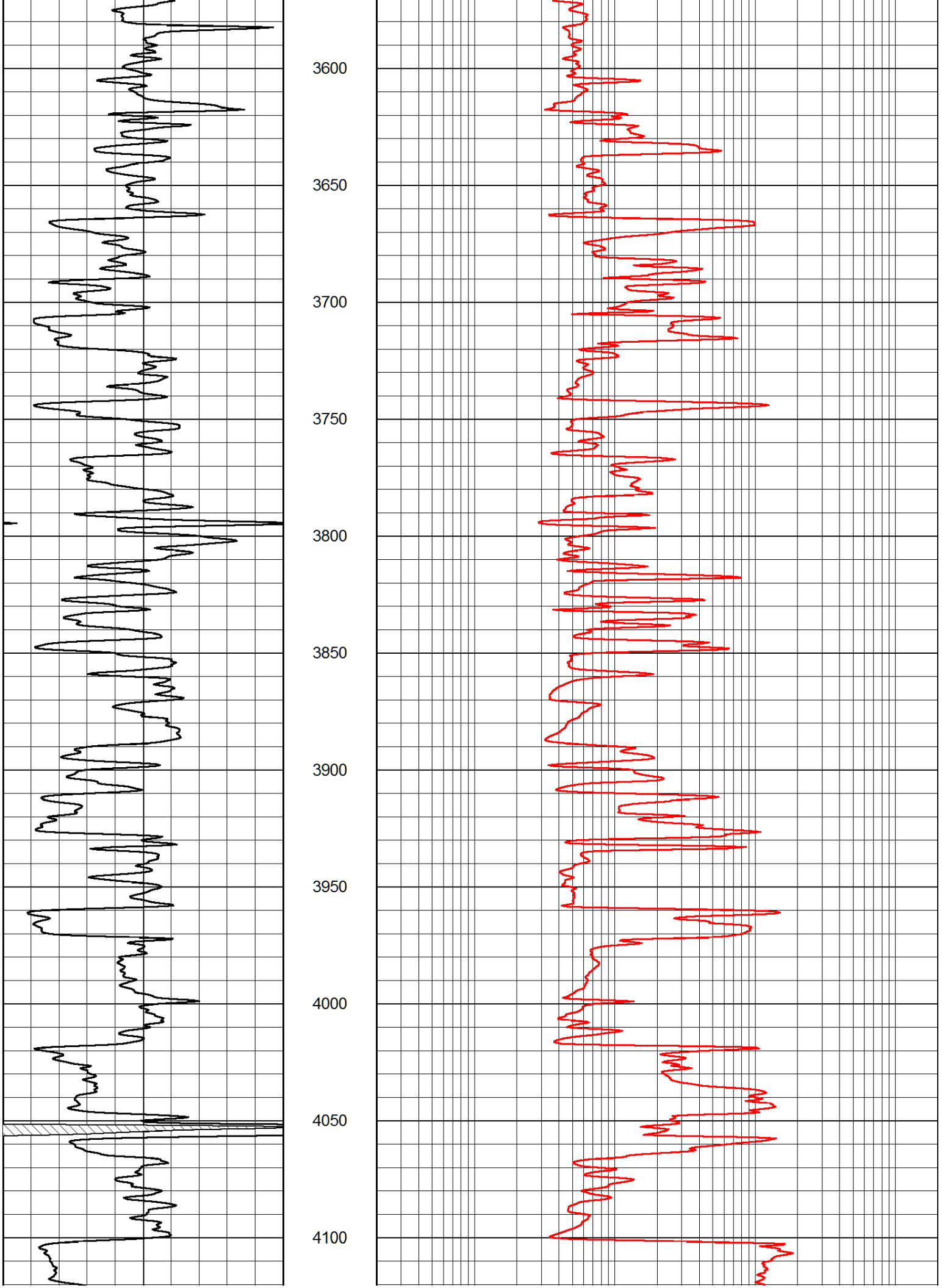
3450
3500
3550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3850
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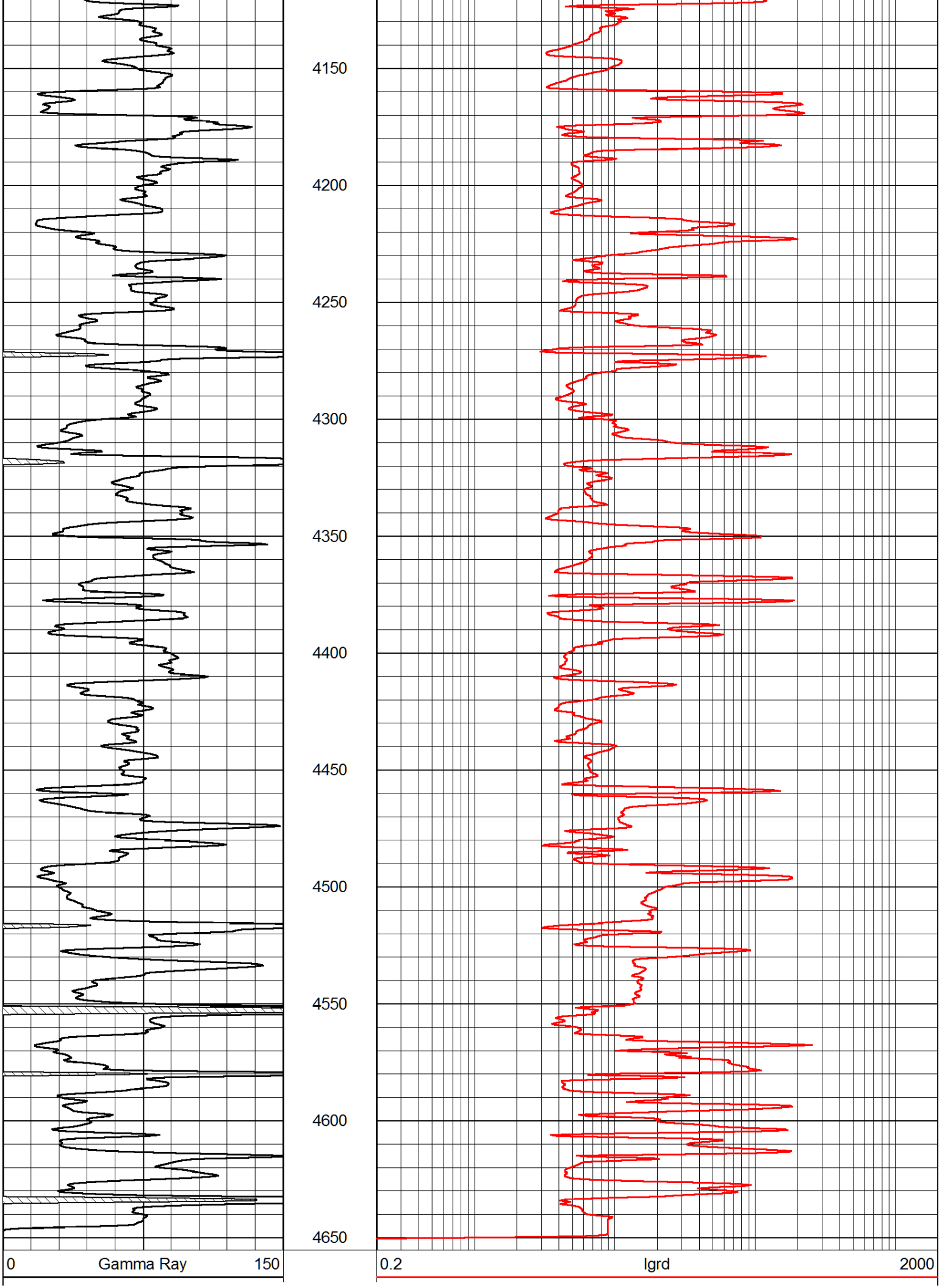
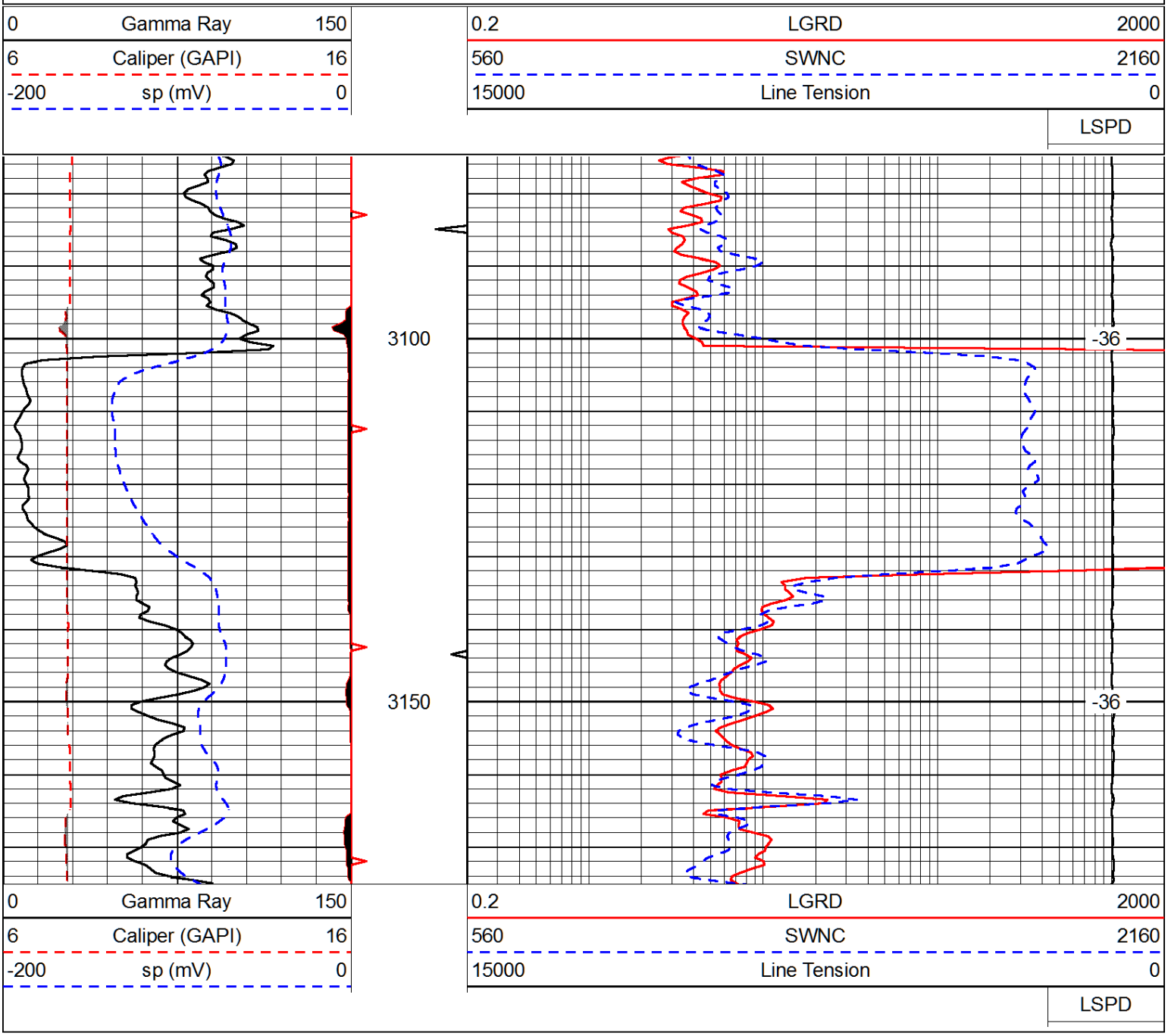
3950
4000
4050
4100


4150
4200
4250
4300
4350
4400
4450
4500
4550
4600
4650
0
Gamma Ray
150
0.2
lgrd
2000

Database File: berexco_091314hd.db
Dataset Pathname: rag/brxrag
Presentation Format: rag
Dataset Creation: Sat Sep 13 23:35:52 2014
Charted by: Depth in Feet scaled 1:240



Database File: berexco_091314hd.db
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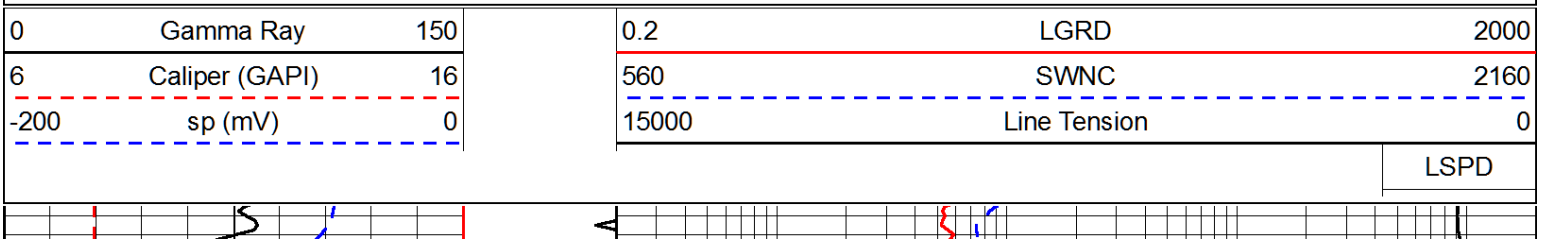
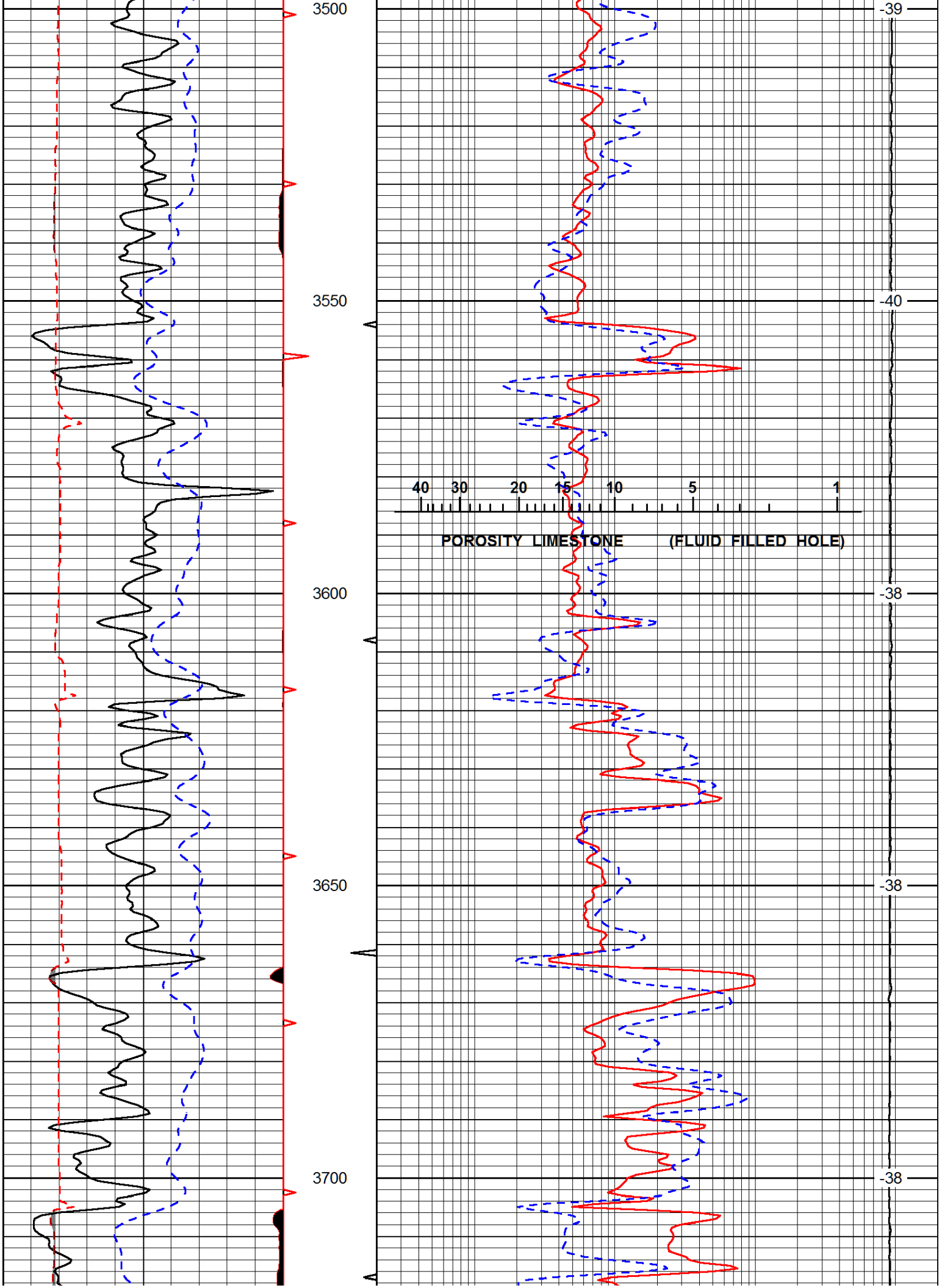
Presentation Format: rag
Dataset Creation: Sat Sep 13 23:35:52 2014
Charted by: Depth in Feet scaled 1:240

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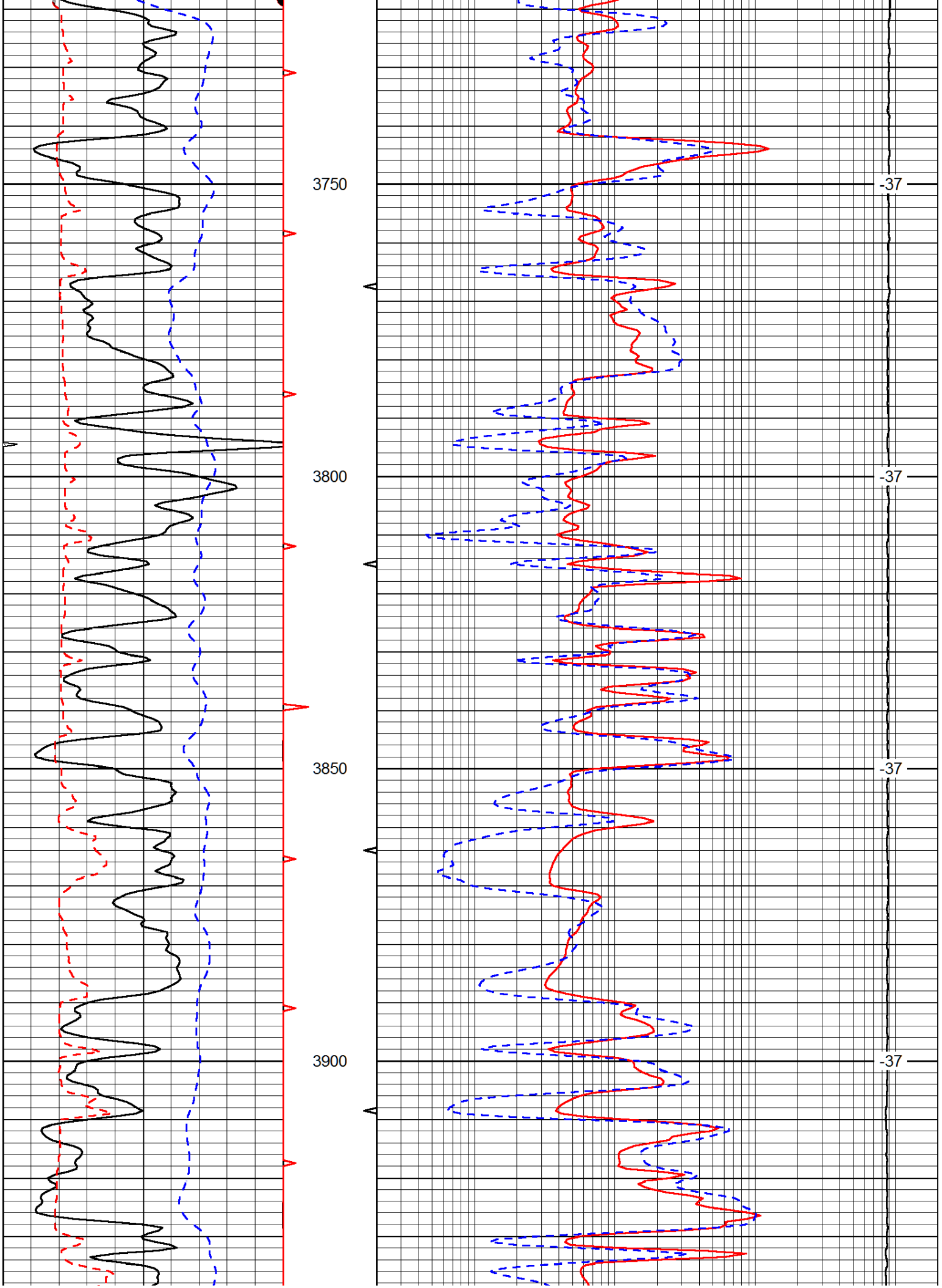
3550
3600
3650
3700
-39
-40
-38
-38
-38
40
30
20
15
10
5
1
POROSITY LIMESTONE
(FLUID FILLED HOLE)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3900
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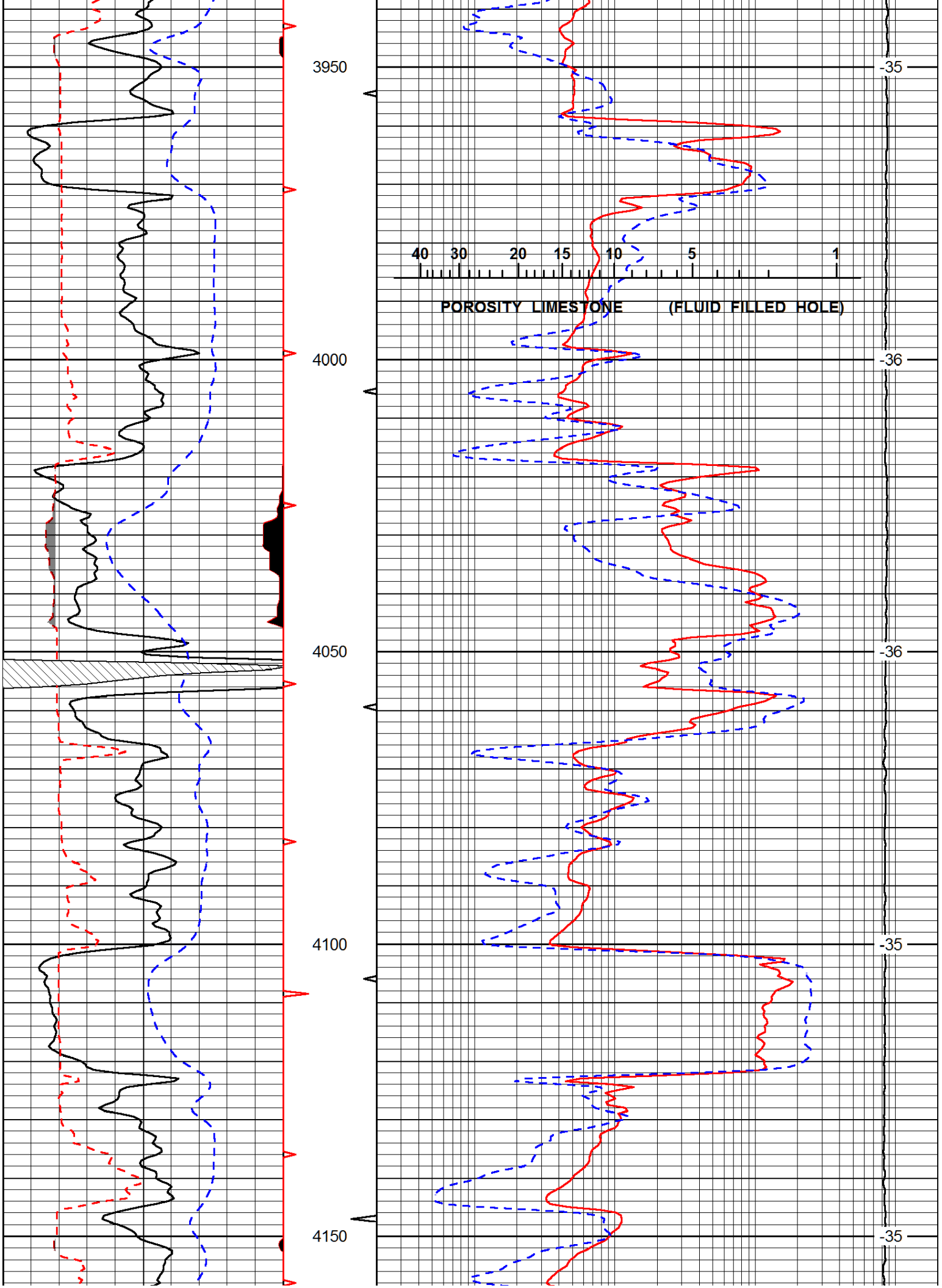
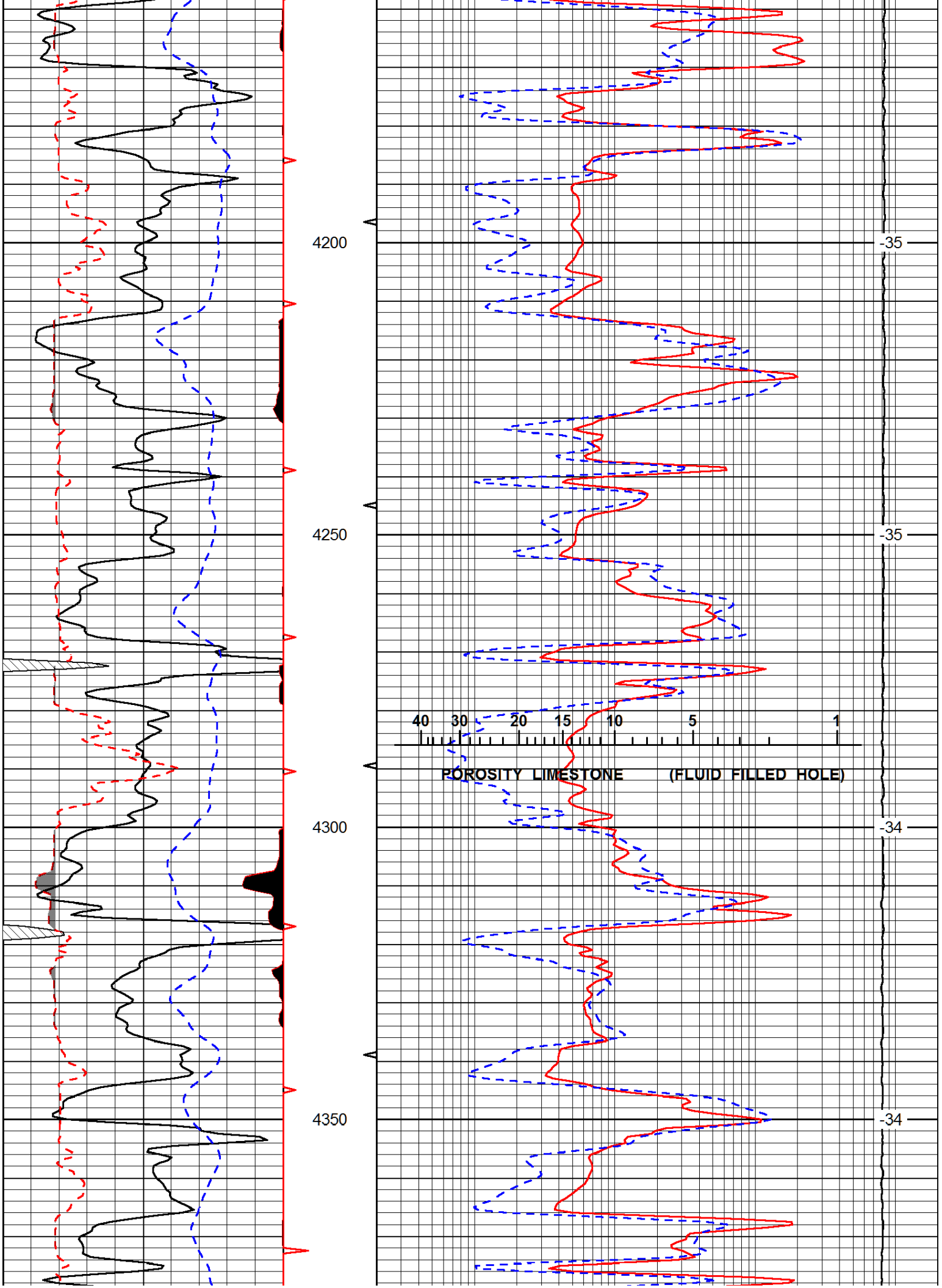
-37


3950
4000
4050
4100
4150
-35
-36
-36
-35
-35
40 30 20 15 10 5 1
POROSITY LIMESTONE (FLUID FILLED HOLE)


4200
4250
4300
4350
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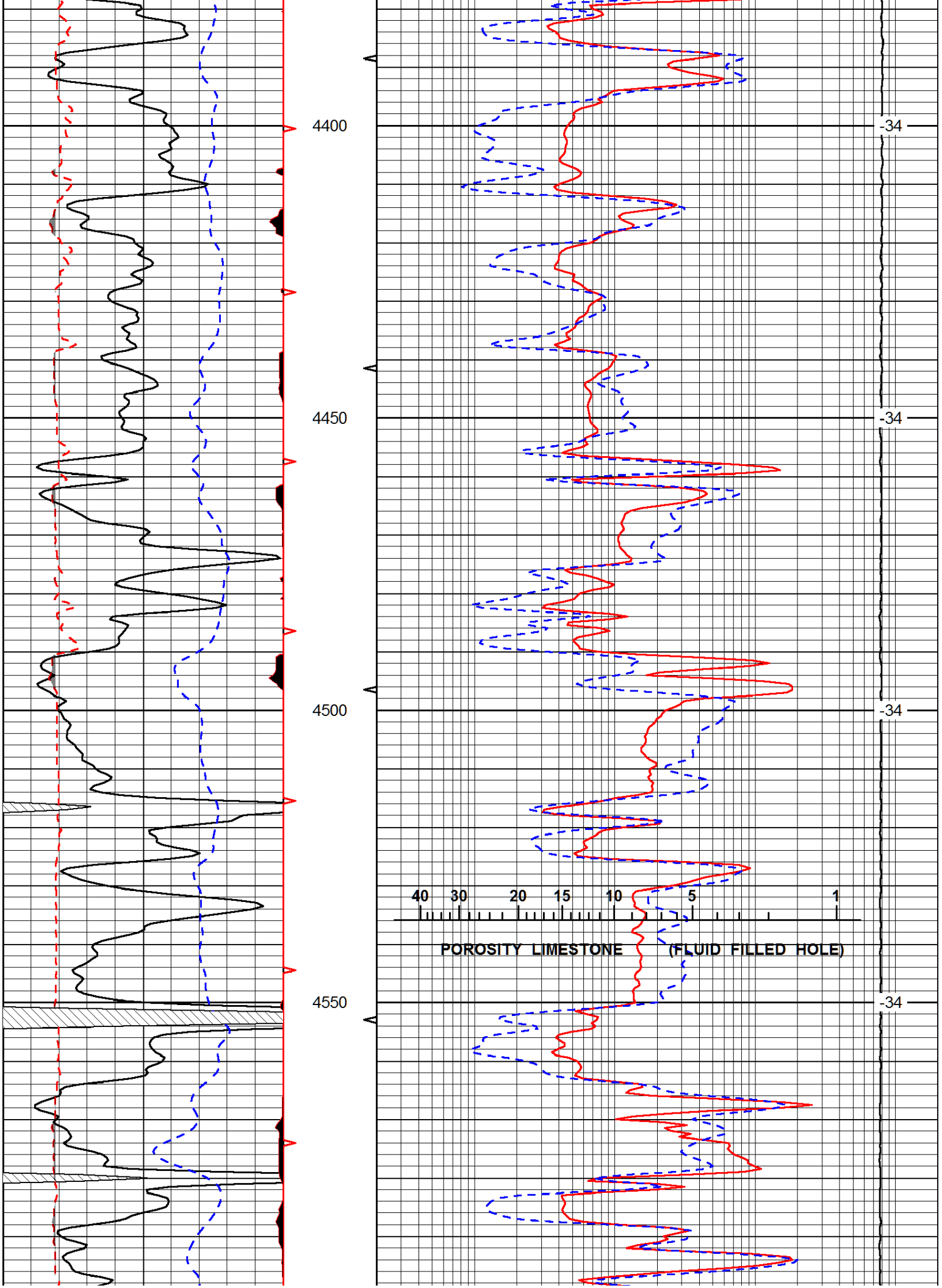
-34
40 30 20 15 10 5 1
POROSITY LIMESTONE (FLUID FILLED HOLE)


4400
4450
4500
4550
-34
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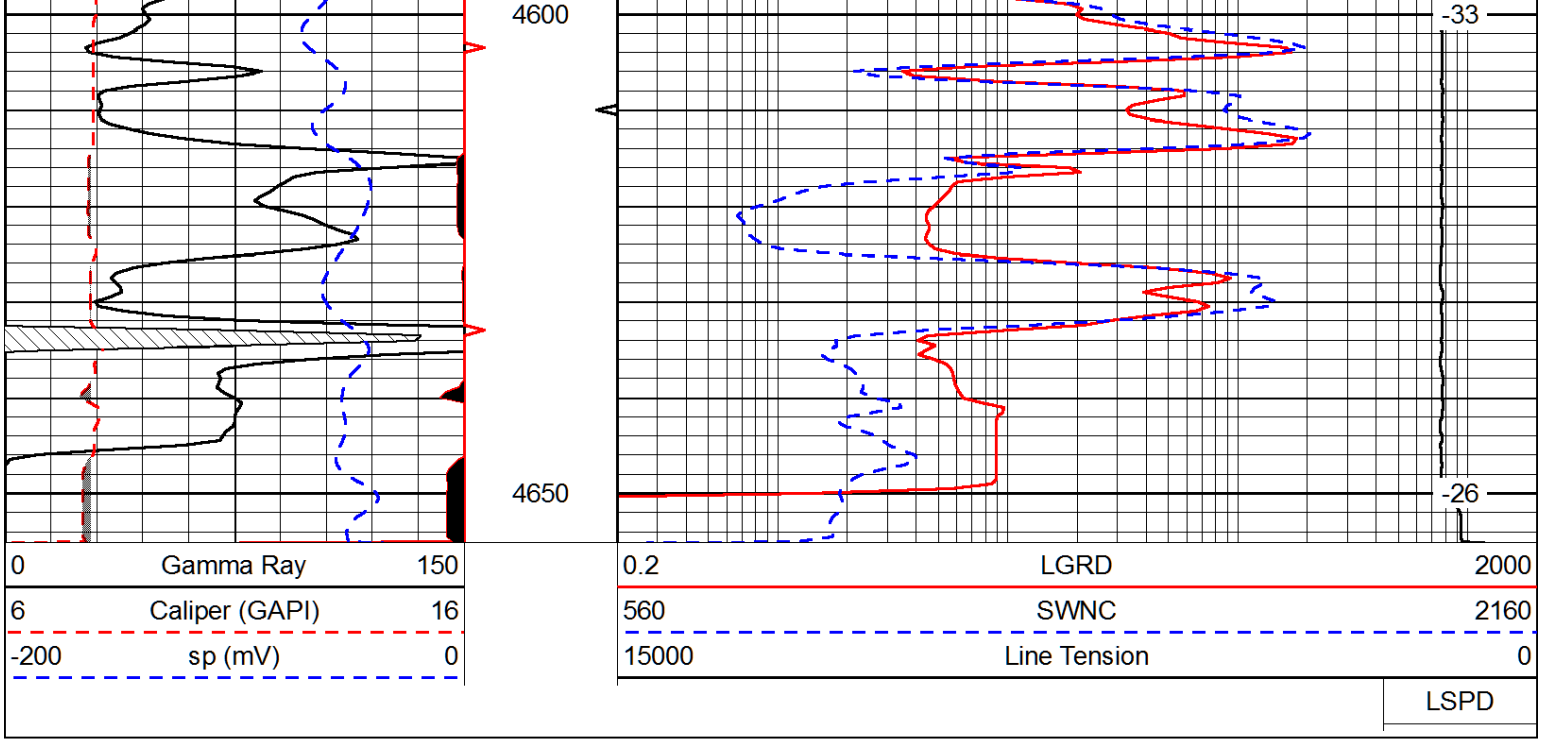
-34
-34
40
30
20
15
10
5
1
POROSITY LIMESTONE
(FLUID FILLED HOLE)



0	Gamma Ray	150
6	Caliper (GAPI)	16
-200	sp (mV)	0

0.2	LGRD	2000
560	SWNC	2160
15000	Line Tension	0

LSPD