PIONEER

Pioneer Energy Services

Radiation Guard Log

API No.

15-023-21,390-00-00

Company Berexco, LLC

Well Mears 'B' #2-9

Field Jones Canyon Southeast

County Cheyenne State Kansas

Location

780' FSL & 1780' FEL

Sec: 9 Twp: 1S Rge: 37W

Other Services

MEL

Elevation

K.B. 3278

D.F.

G.L. 3265

Permanent Datum Ground Level Elevation 3265

Log Measured From Kelly Bushing 13 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Date	5/30/2014		
Run Number	One		
Depth Driller	4720		
Depth Logger	4715		
Bottom Logged Interval	4714		
Top Log Interval	300		
Casing Driller	8.625 @ 310		
Casing Logger	307		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	1,000		
Density / Viscosity	9.3	52	
pH / Fluid Loss	11.5	5.6	
Source of Sample	Flowline		
Rm @ Meas. Temp	1.4 @ 65		
Rmf @ Meas. Temp	1.05 @ 65		
Rmc @ Meas. Temp	1.89 @ 65		
Source of Rmf / Rmc	Charts		
Rm @ BHT	.74 @ 123		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	123		
Equipment Number	17		
Location	Hays		
Recorded By	C. Desaire		
Witnessed By	Pete Volmer		

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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 Pioneer Energy Services

www.pioneeres.com

785 625 3858

Bird City KS, N to AA Rd,

E to 32 Rd, 1 3/4 N, Right at the Y, 1/4 E

Database File: c:\warrior\data\berexco_mears b #2-9\berexcohd.db

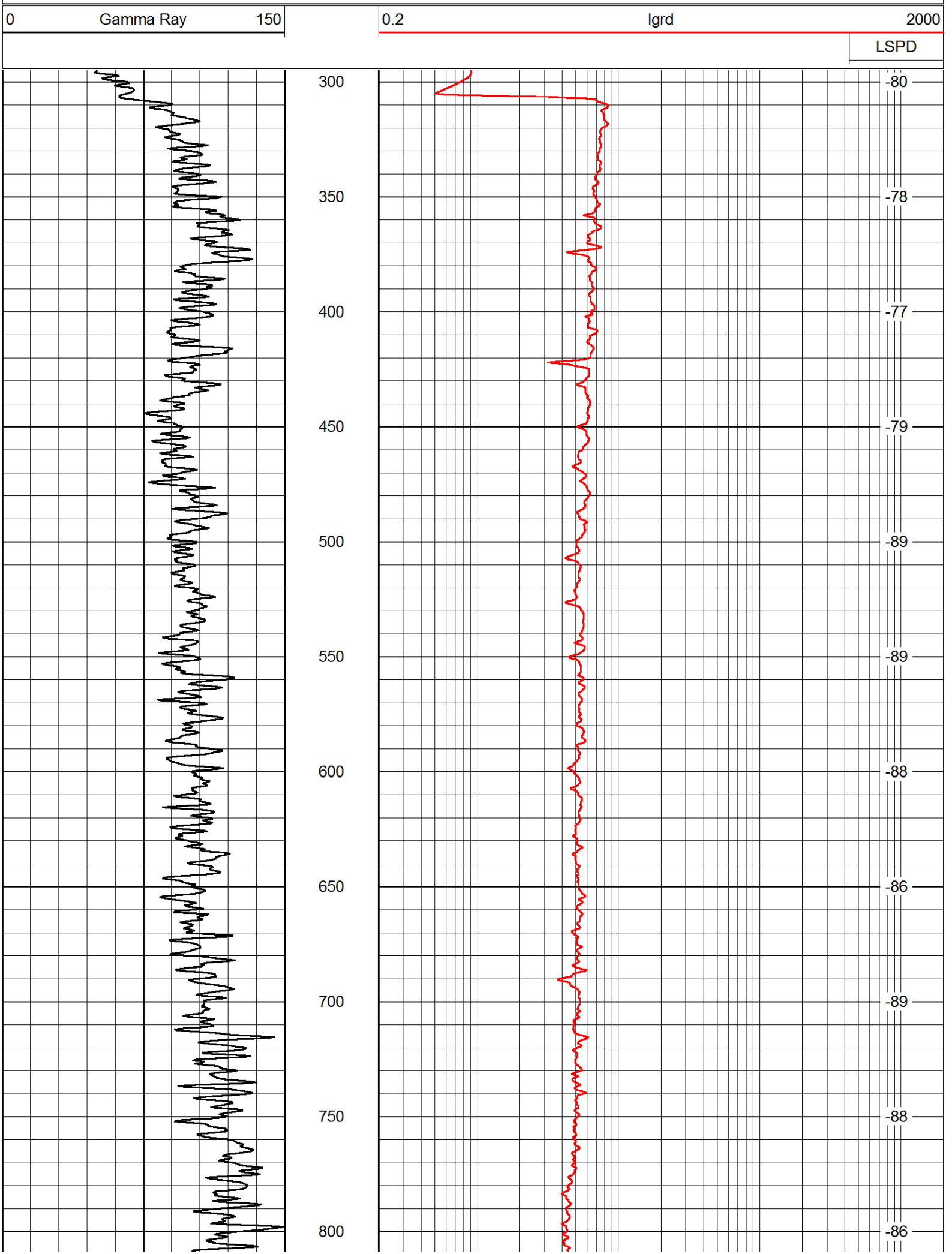
Dataset Pathname: rag/berrag

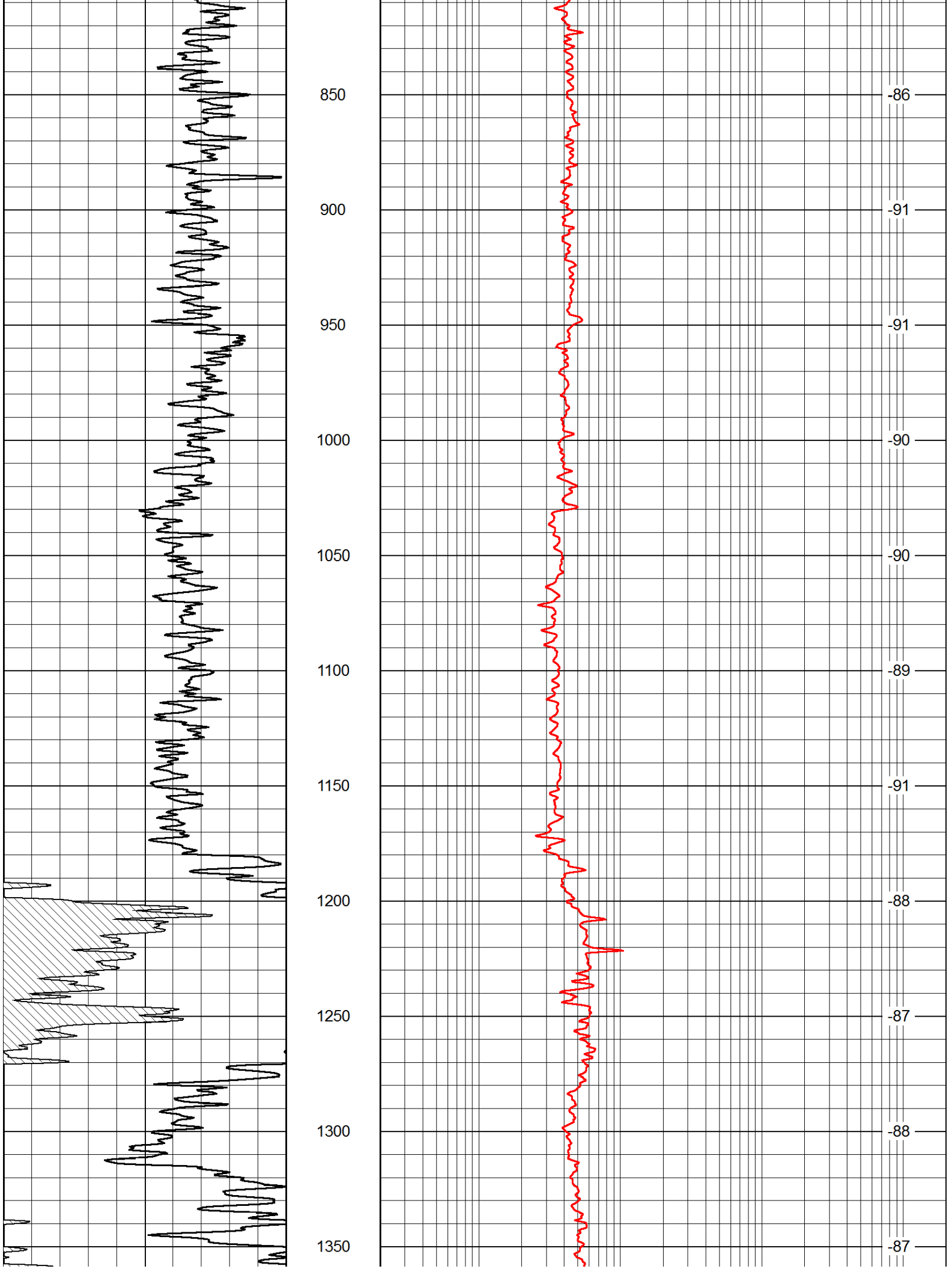
Presentation Format: rag2in

Dataset Creation: Fri May 30 08:51:15 2014

Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:600

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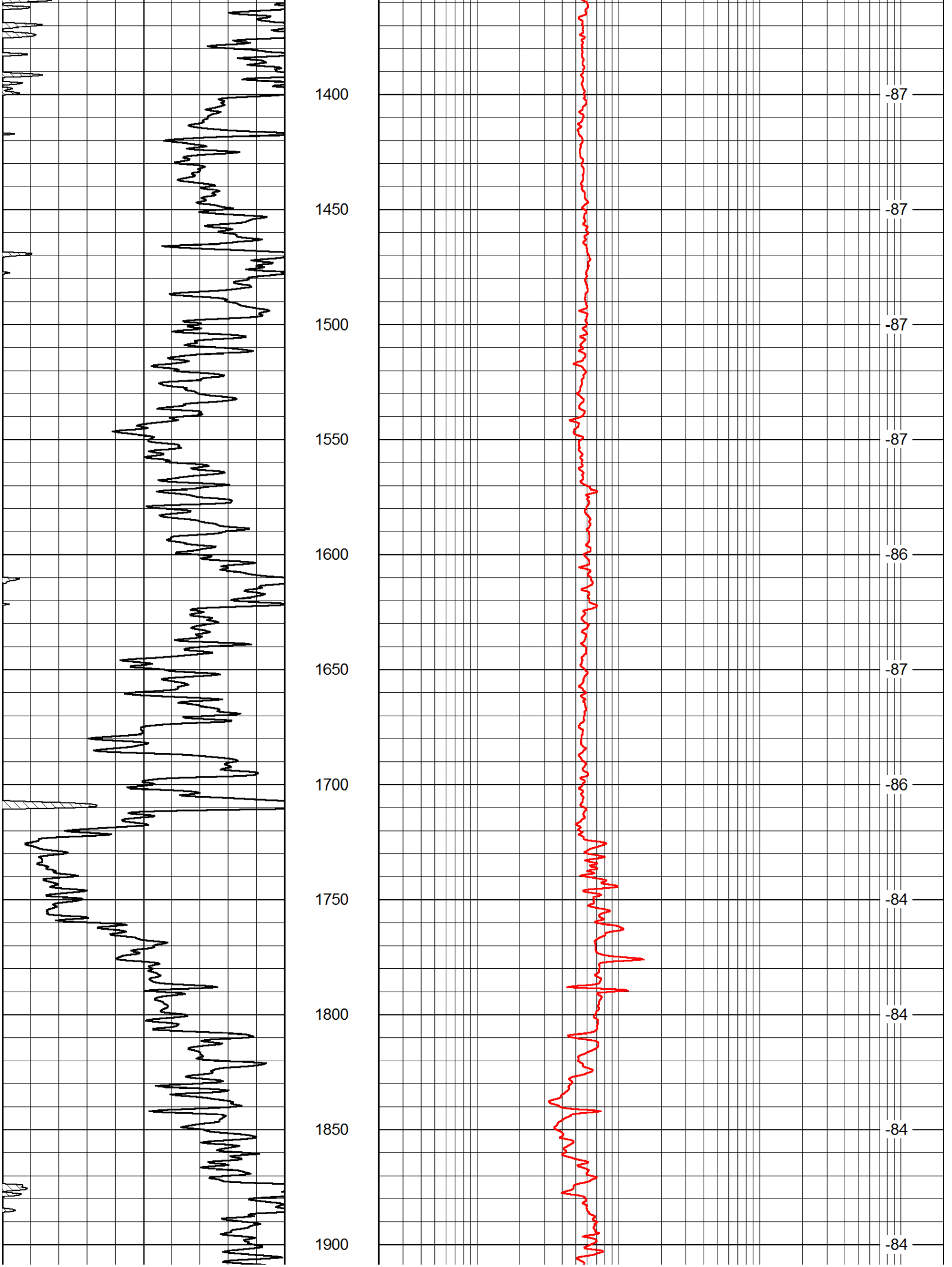
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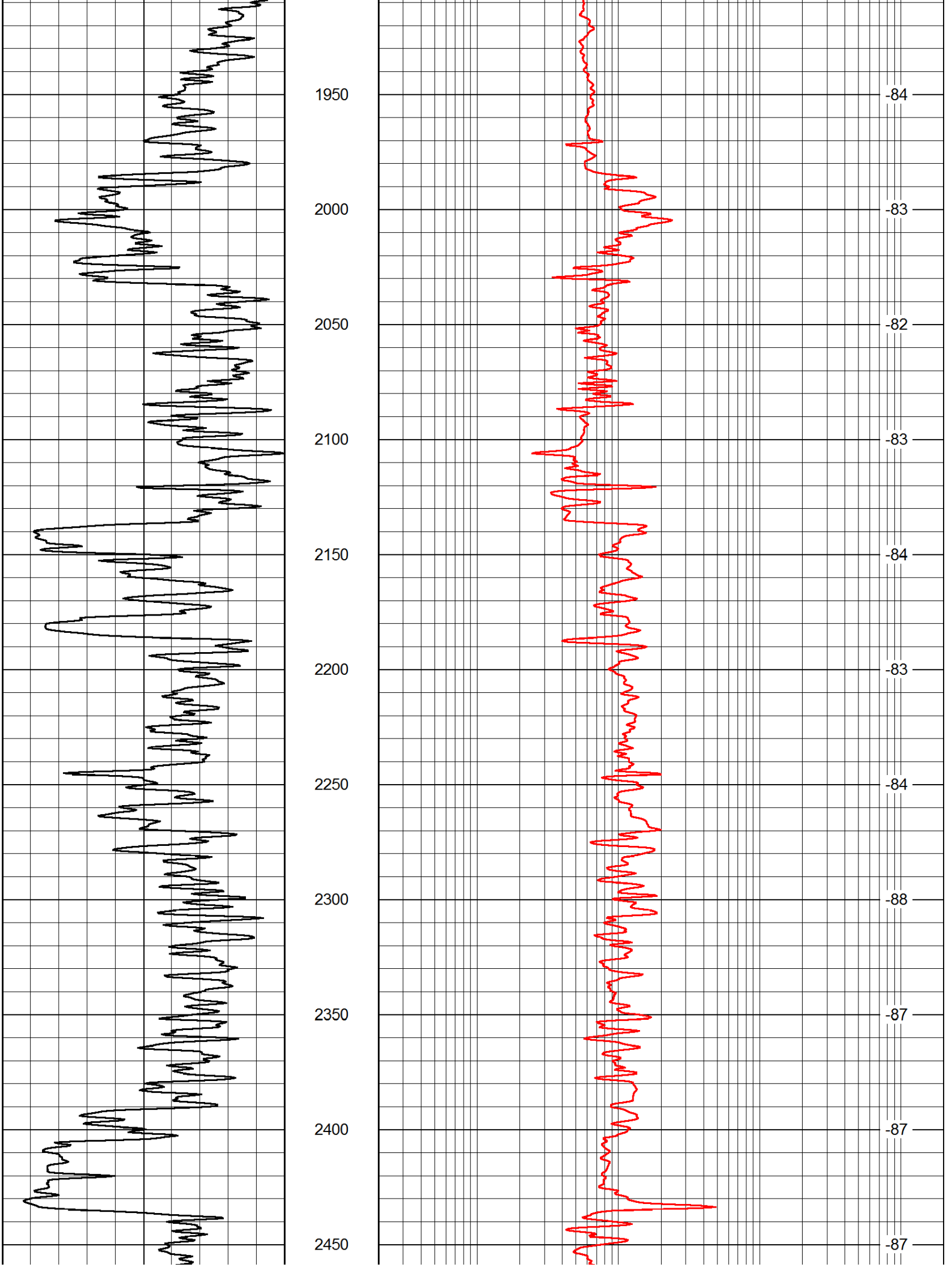
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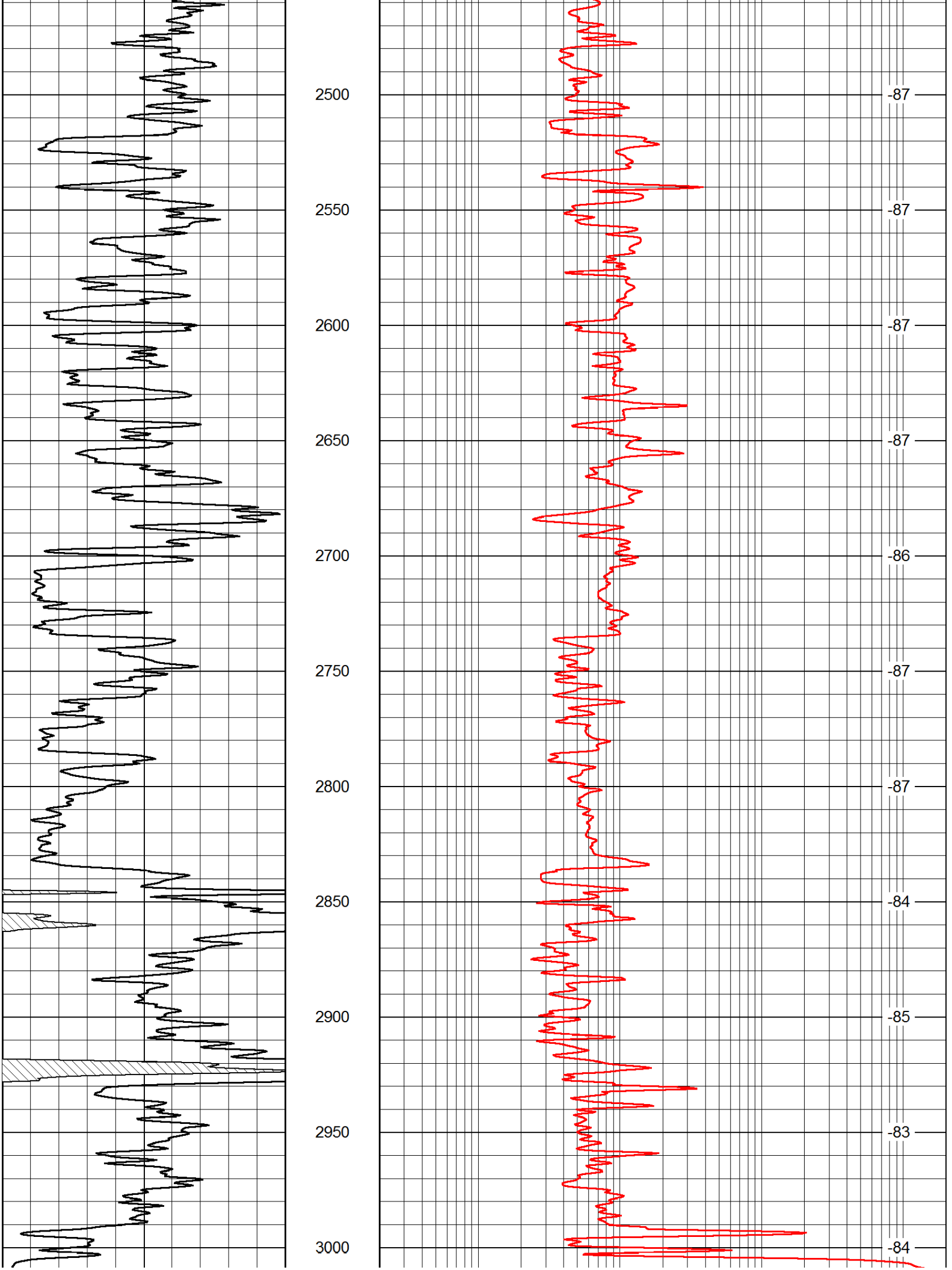
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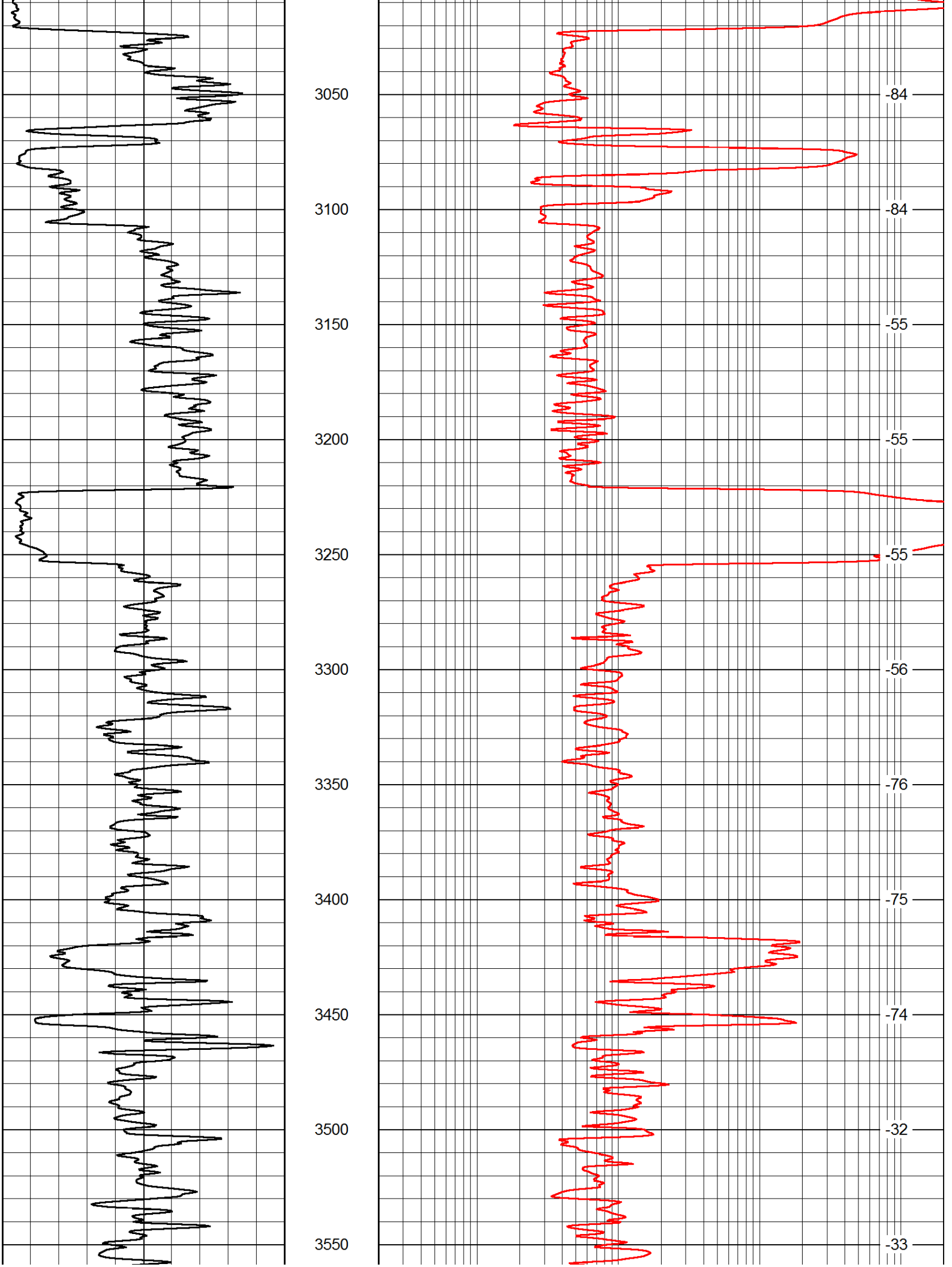
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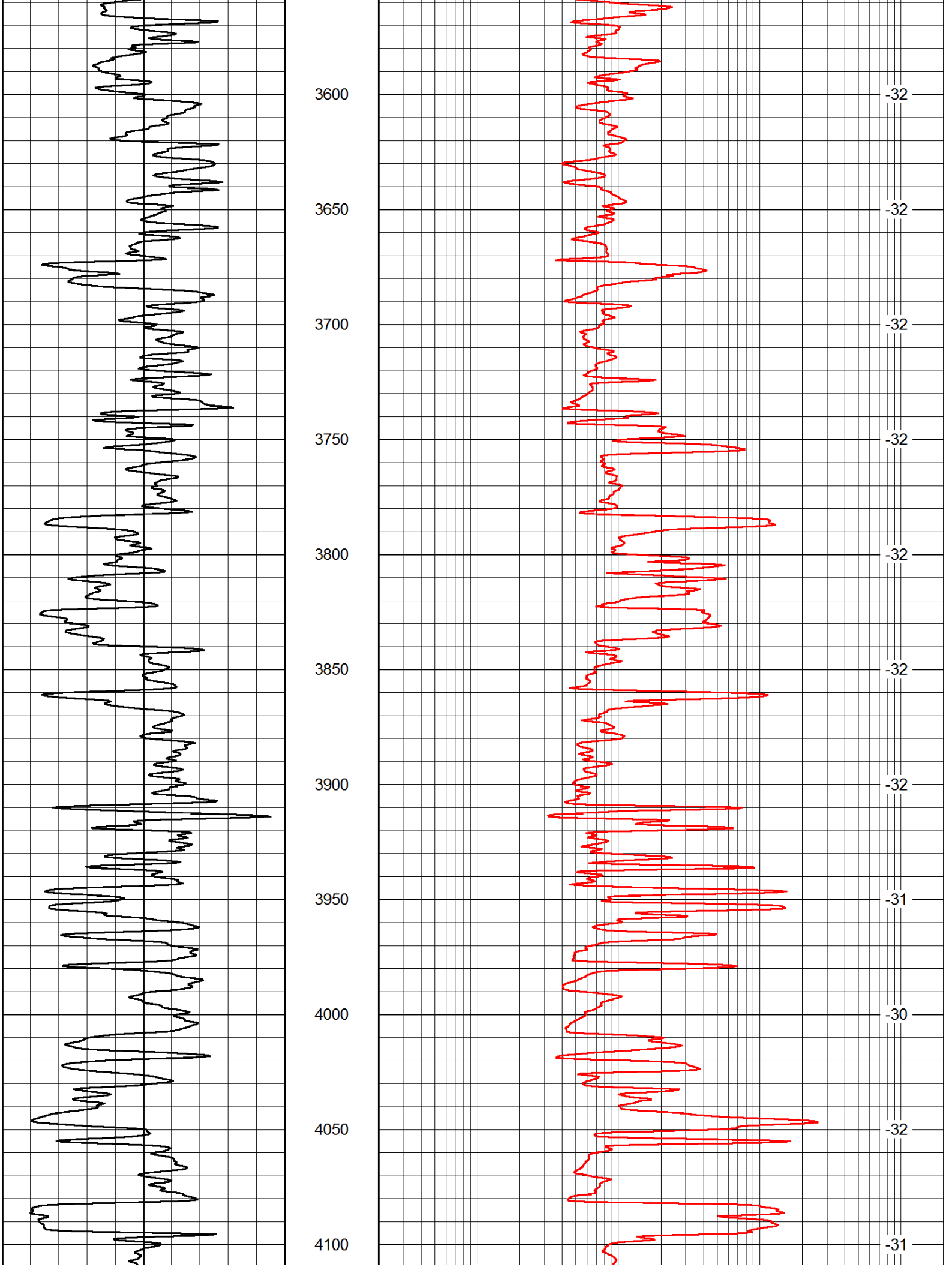
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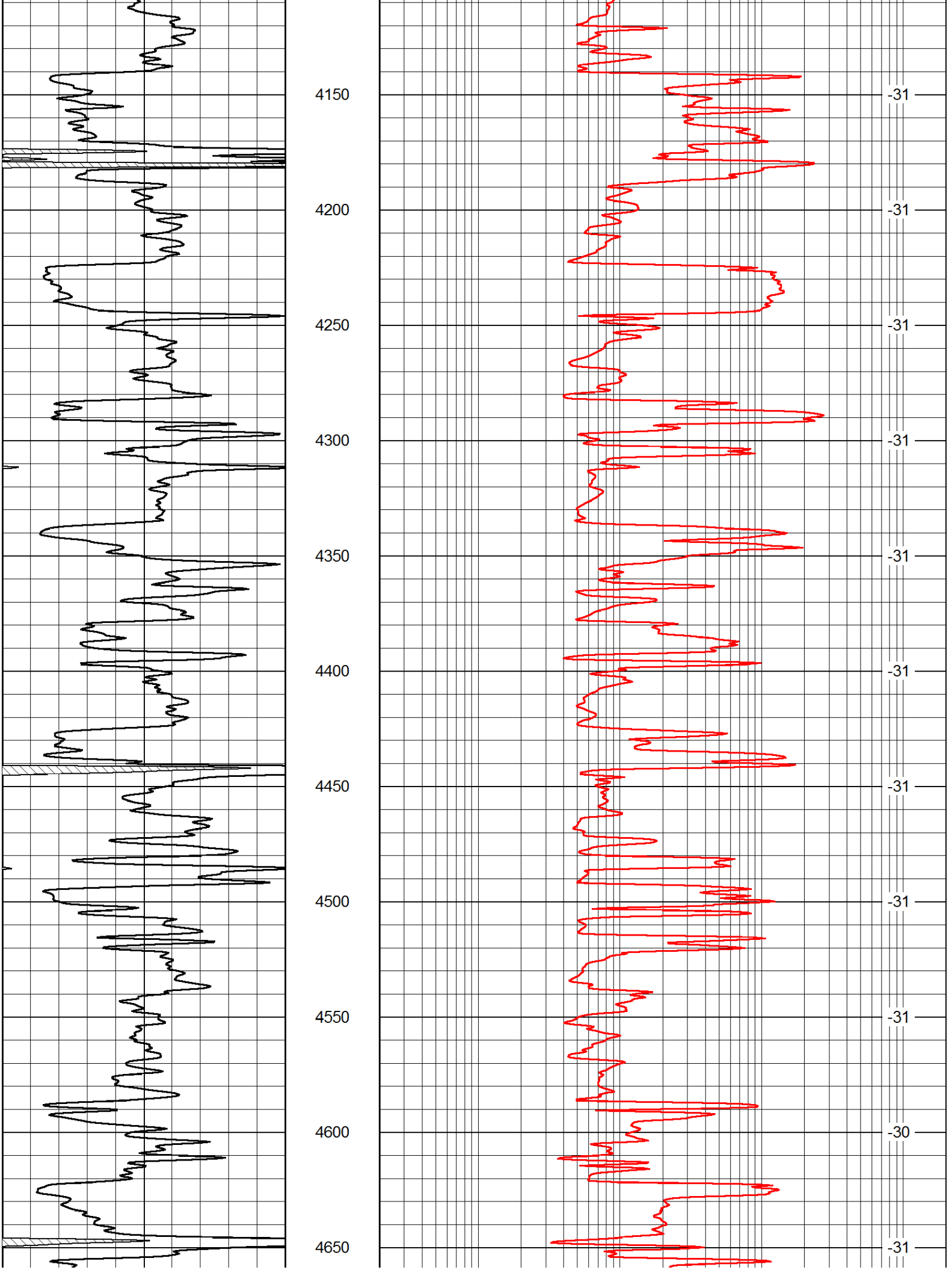
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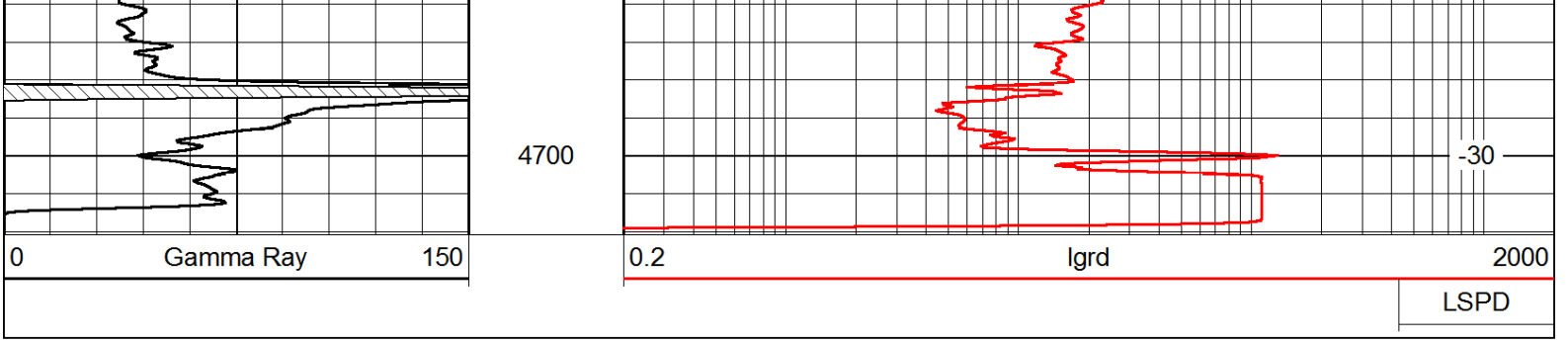
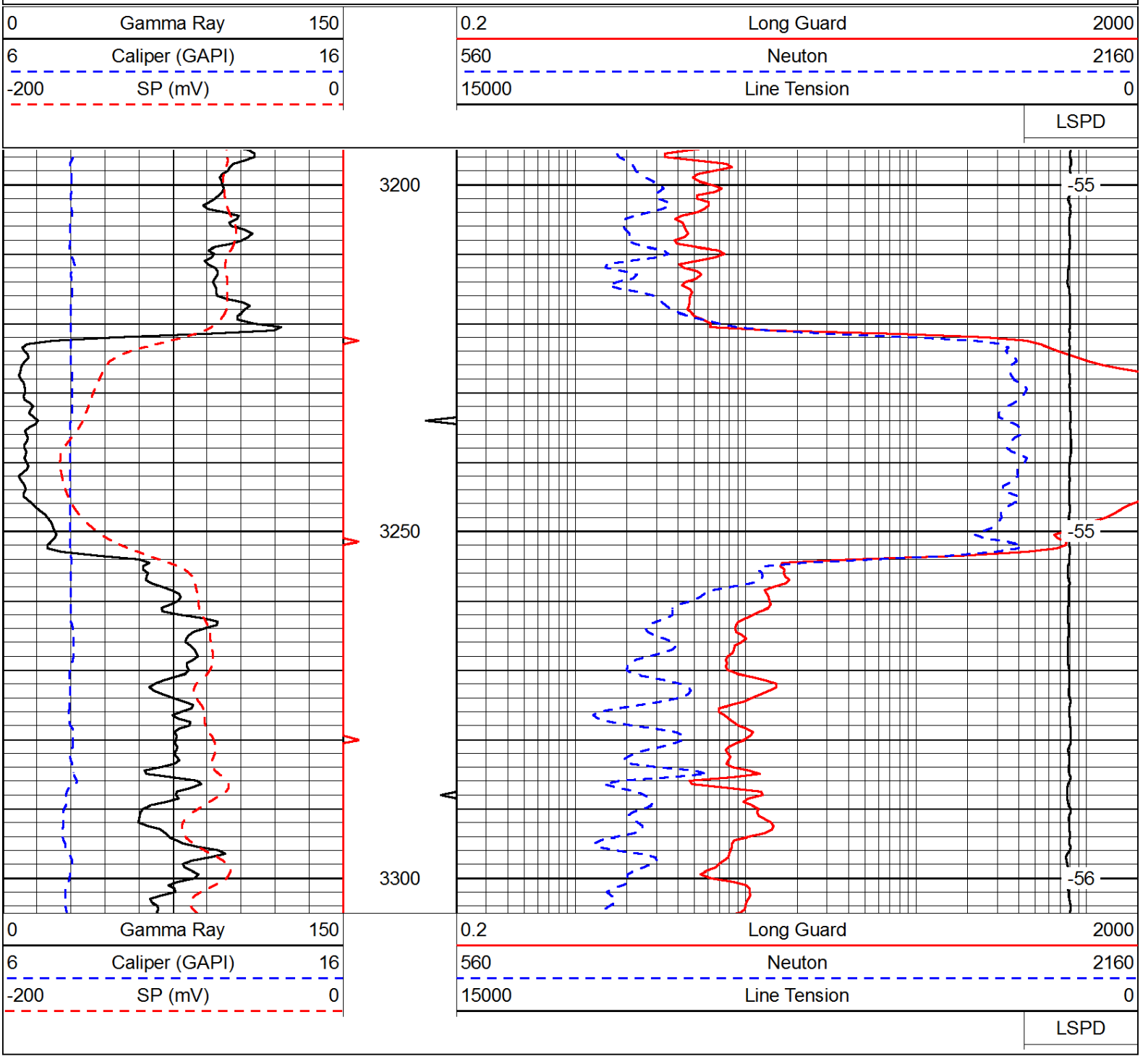


Database File: c:\warrior\data\berexco_mears b #2-9\berexcohd.db
Dataset Pathname: rag/berrag
Presentation Format: rag
Dataset Creation: Fri May 30 08:51:15 2014
Charted by: Depth in Feet scaled 1:240



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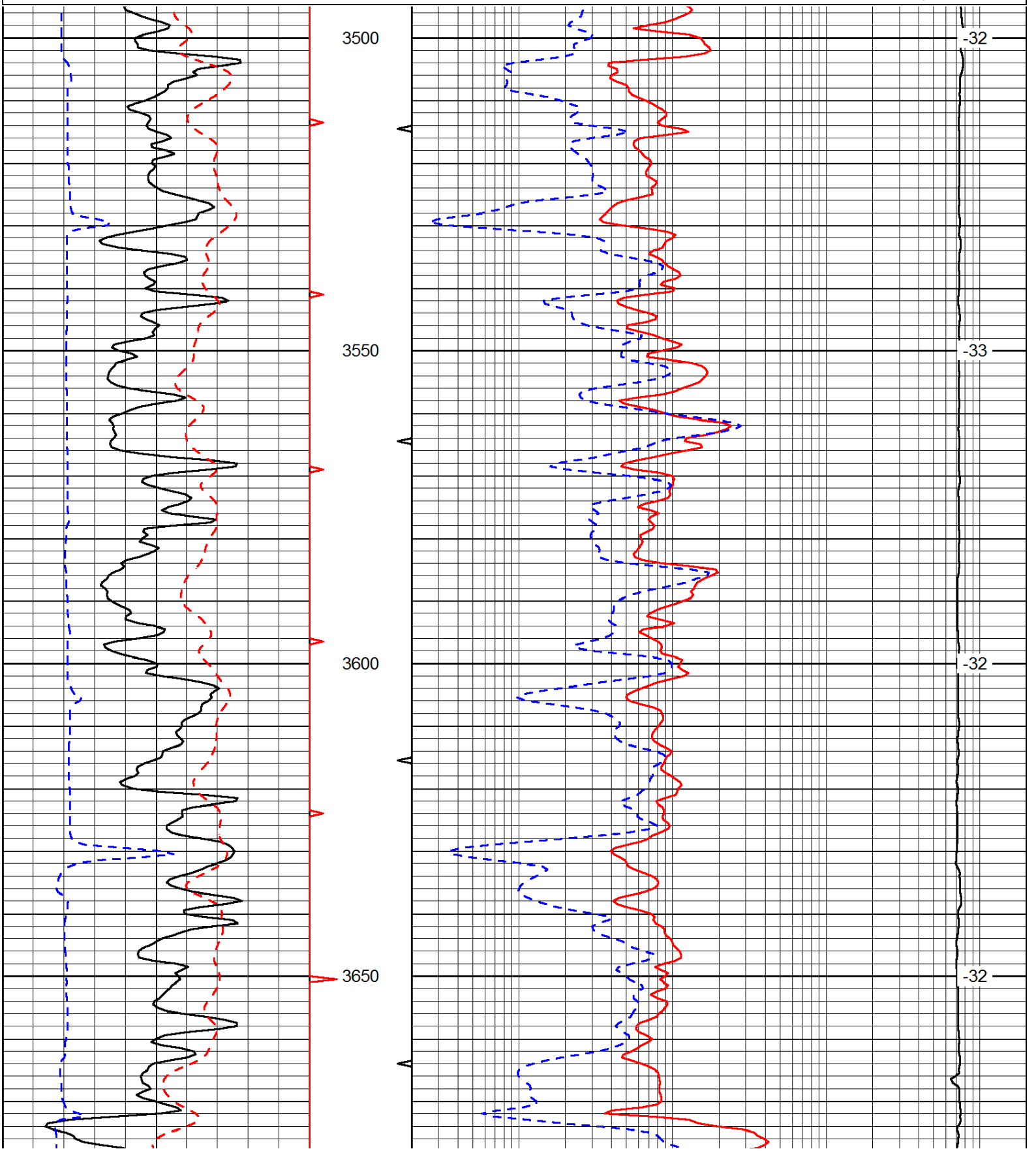
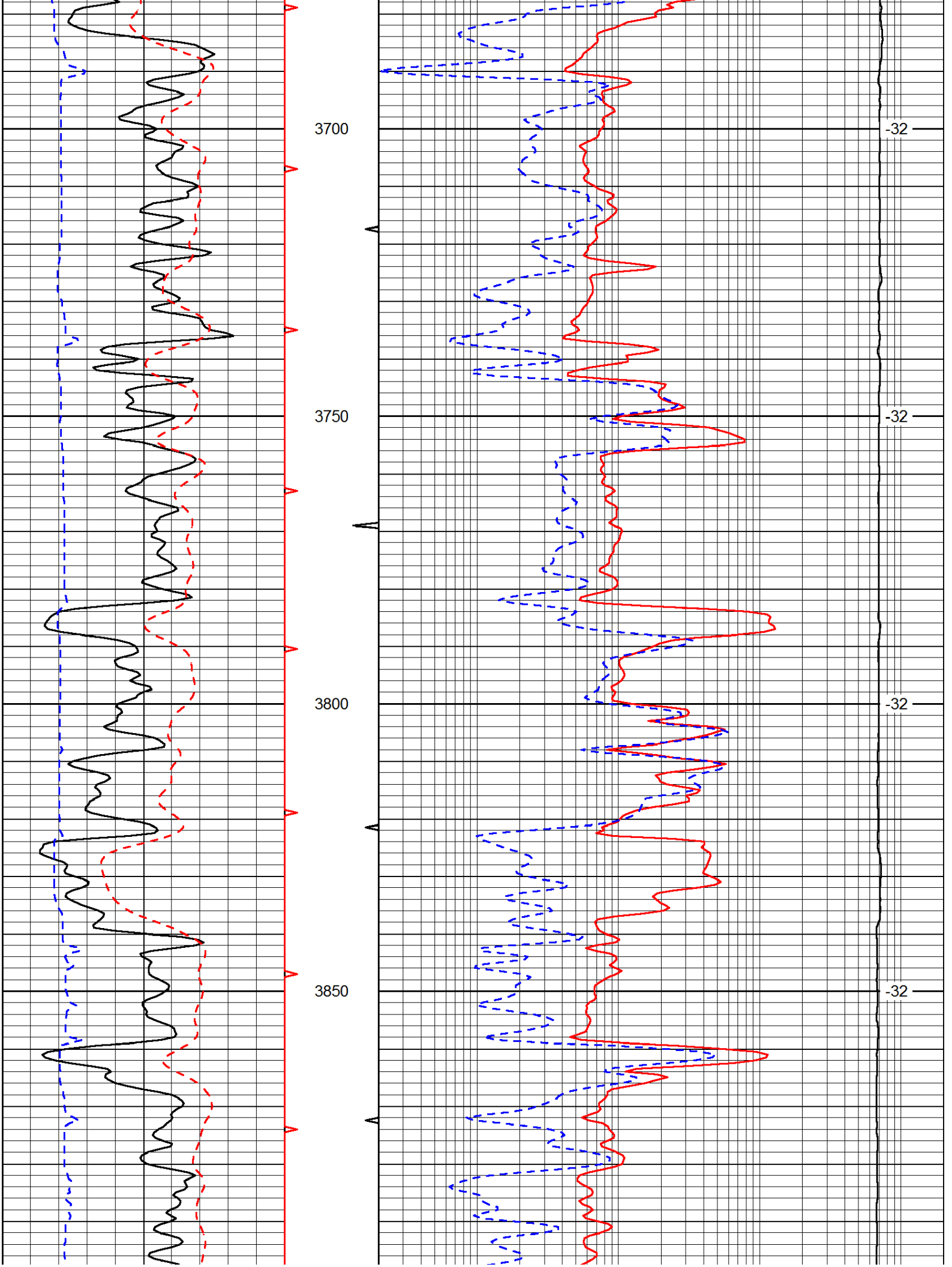
Dataset Pathname: rag/berrag
Presentation Format: rag
Dataset Creation: Fri May 30 08:51:15 2014
Charted by: Depth in Feet scaled 1:240

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

0.2	Long Guard	2000
560	Neuton	2160
15000	Line Tension	0
	LSPD	

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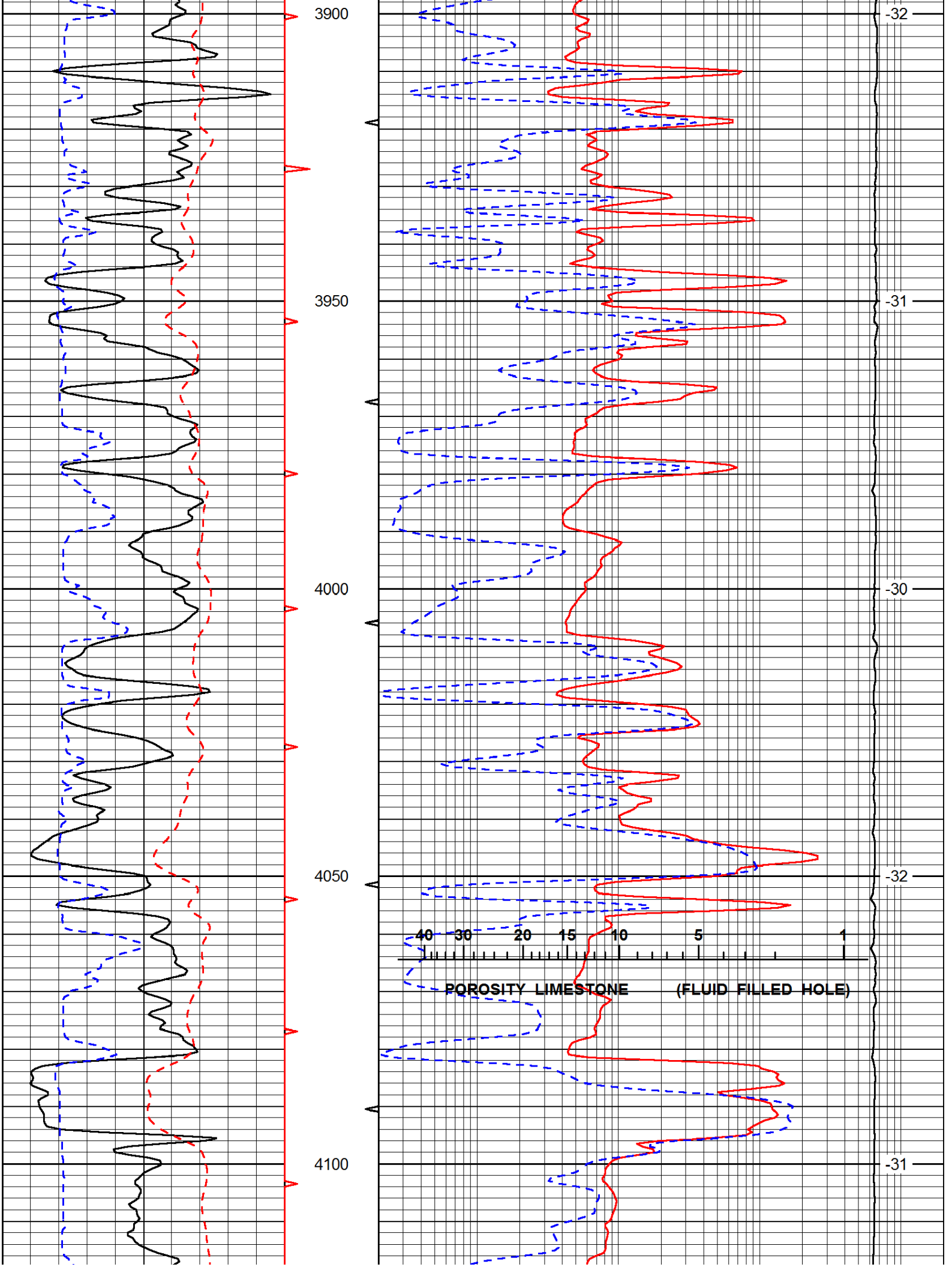
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4000
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4100
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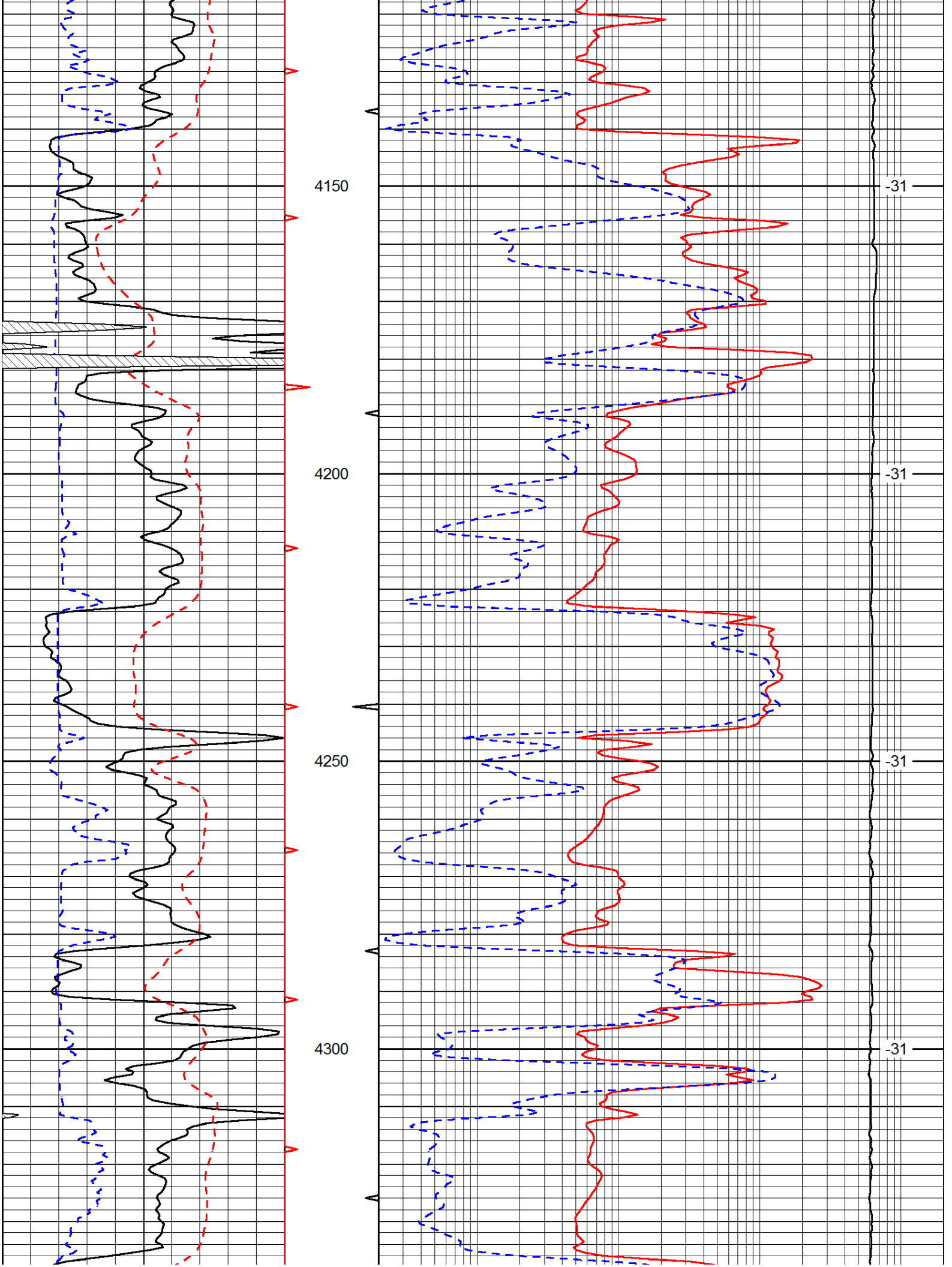
5
1
POROSITY LIMESTONE
(FLUID FILLED HOLE)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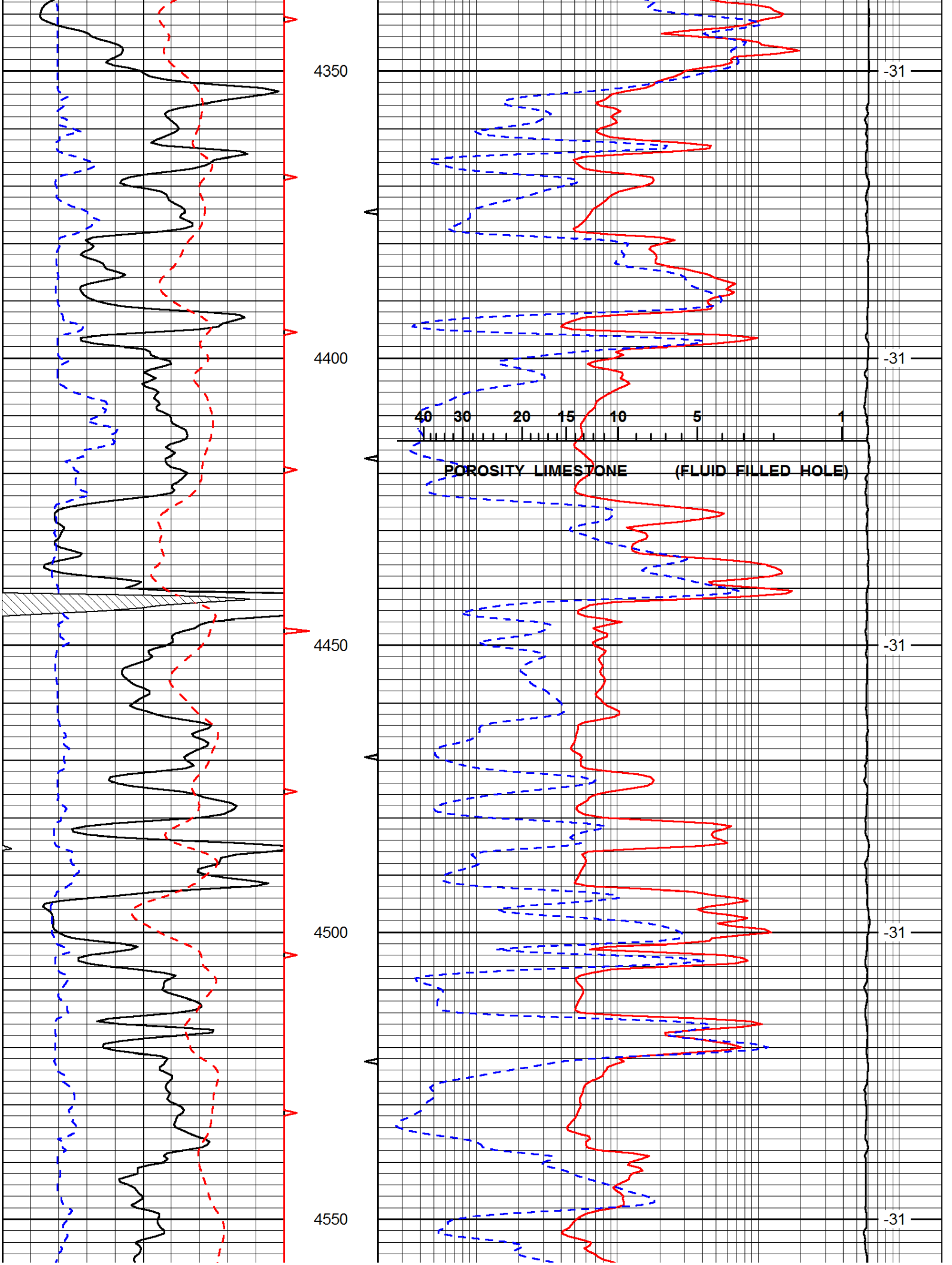
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4550
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-31
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30
20
15
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5
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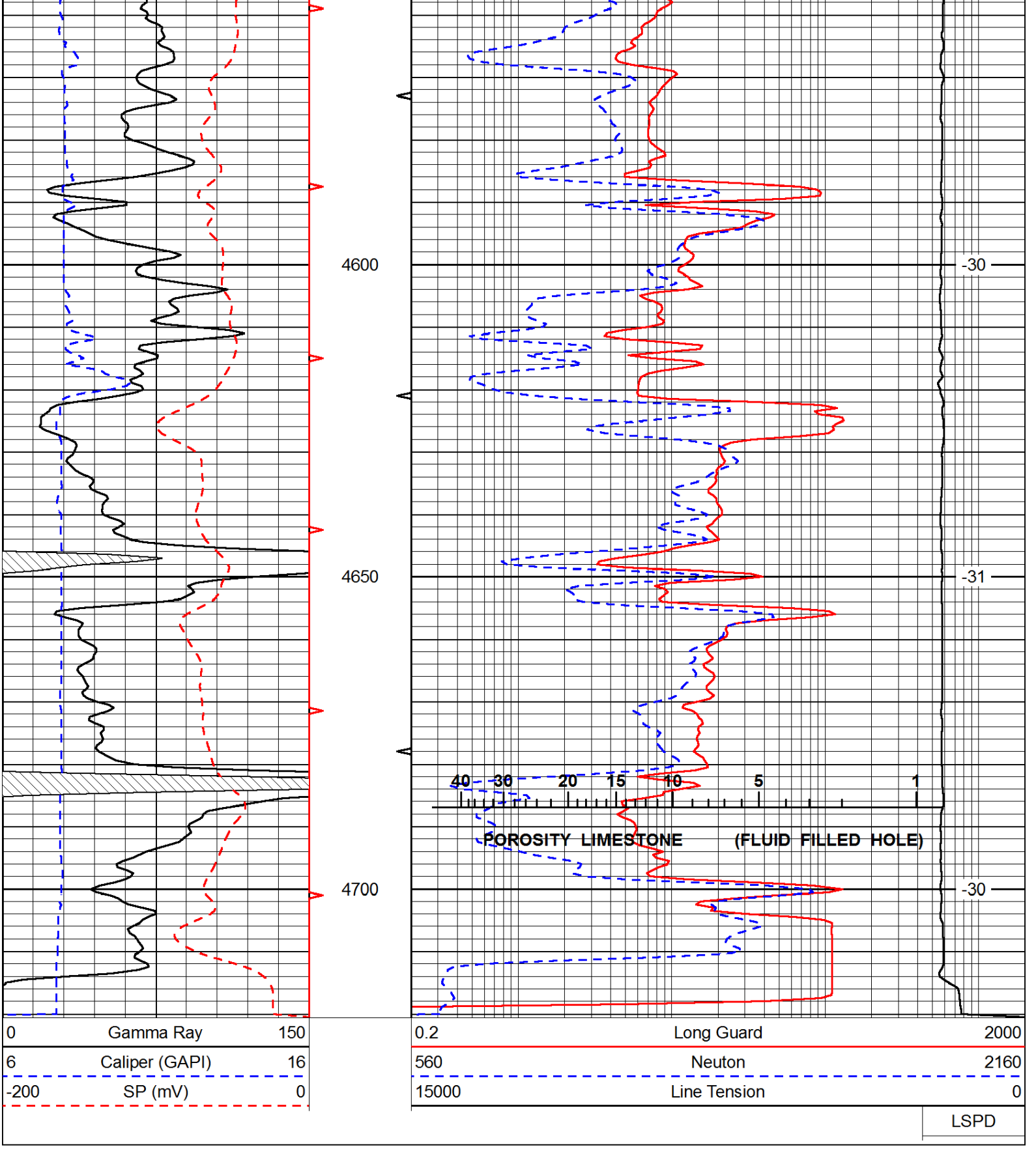
POROSITY LIMESTONE
(FLUID FILLED HOLE)


4600
4650
4700
-30
-31
-30
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
Long Guard
2000
560
Neuton
2160
15000
Line Tension
0
LSPD