



Radiation Guard Log

DIGITAL LOG (785) 625-3858

API No. 15-147-20,645-00-00

Company **Bach Oil Production**
 Well **O'Neil "A" No. 3**
 Field **Huffstutter**
 County **Phillips** State **Kansas**

Location **NW/NW SE NW**
1,450' FNL & 1,450' FWL
 Sec: **23** Twp: **1 S** Rge: **18 W**

Permanent Datum **Ground Level** Elevation **2183**
 Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum
 Drilling Measured From **Frookelly Bushing**

Other Services **None**
 Elevation **K.B. 2188**
D.F. 2183
G.L. 2183

Date	5/27/2011
Run Number	One
Depth Driller	3660
Depth Logger	3658
Bottom Logged Interval	3657
Top Log Interval	200
Casing Driller	8.625 @ 218
Casing Logger	216
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity.ppm CL	2000
Density / Viscosity	8.9 58
pH / Fluid Loss	11.0 8.0
Source of Sample	Flowline
Rm @ Meas. Temp	.82 @ 64
Rmf @ Meas. Temp	.62 @ 64
Rmc @ Meas. Temp	1.11 @ 64
Source of Rmf / Rmc	Charts
Rm @ BHT	.47 @ 113
Operating Rig Time	3 Hours
Max Rec. Temp. F	113
Equipment Number	10
Location	Hays
Recorded By	Jim Schuler
Witnessed By	Bob Peterson

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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.

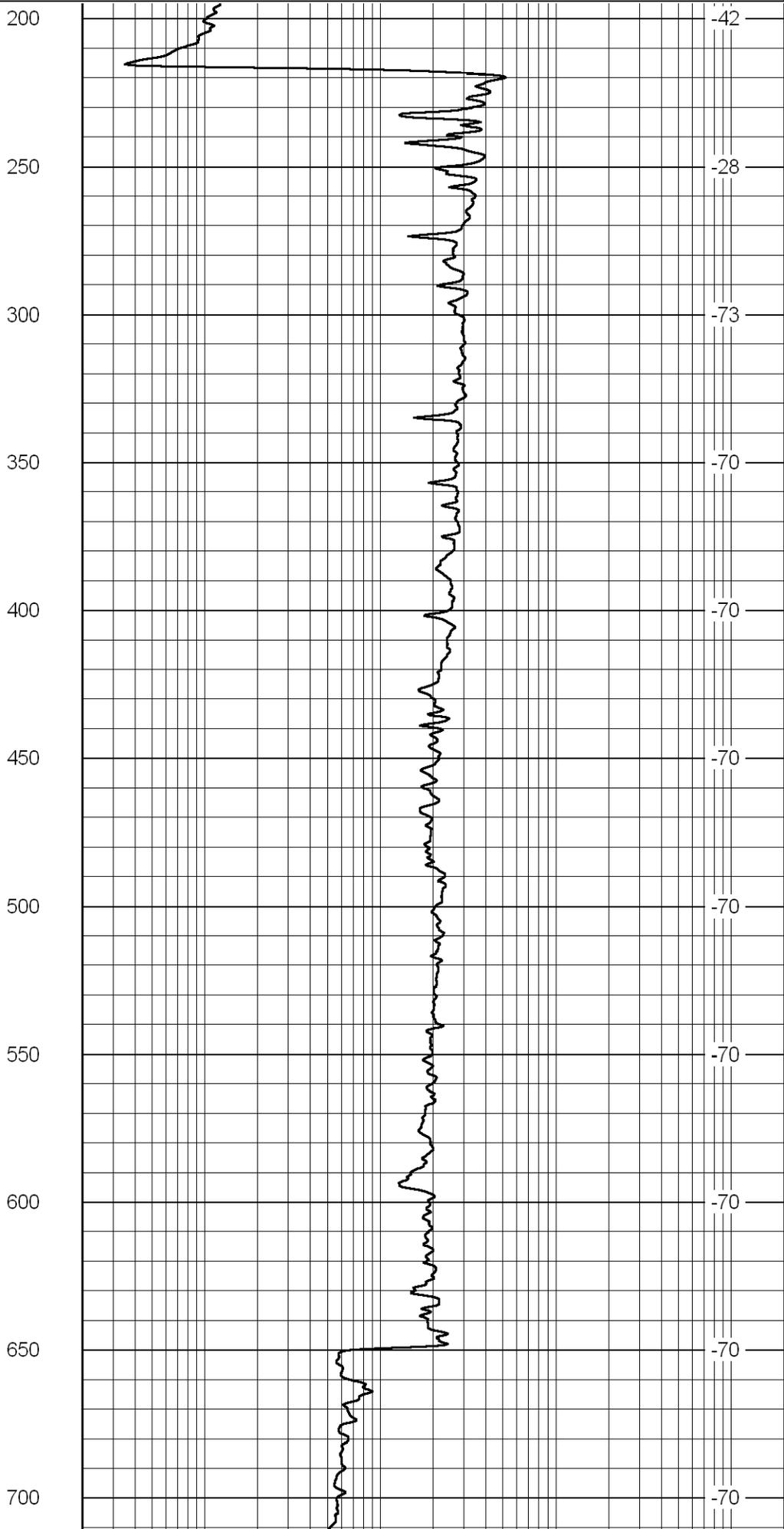
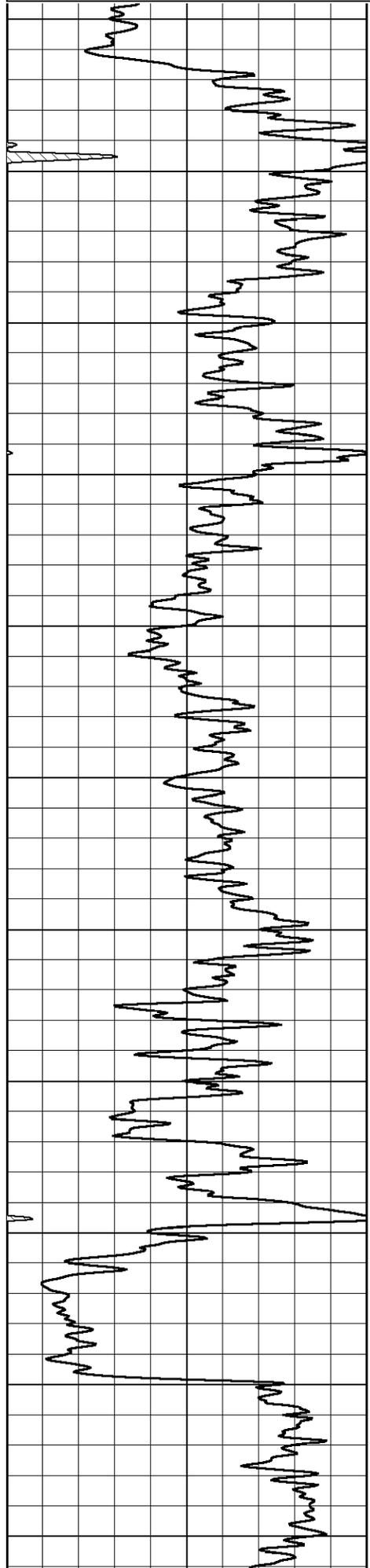
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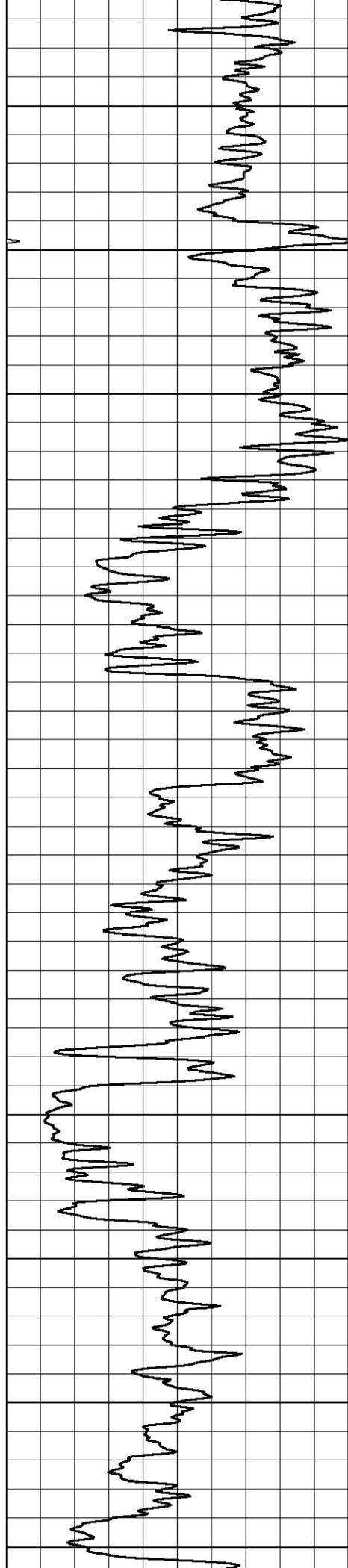
Thank you for using Log-Tech, Inc.
 (785) 625-3858

Phillipsburg, Kansas, 14 Miles North to Dakota, 1/4 Mile East
 South Into

Database File: bach_oneill_a_3hd.db
 Dataset Pathname: Rag/bachrag
 Presentation Format: rag2in
 Dataset Creation: Fri May 27 12:48:41 2011
 Charted by: Depth in Feet scaled 1:600

LSPD





750

800

850

900

950

1000

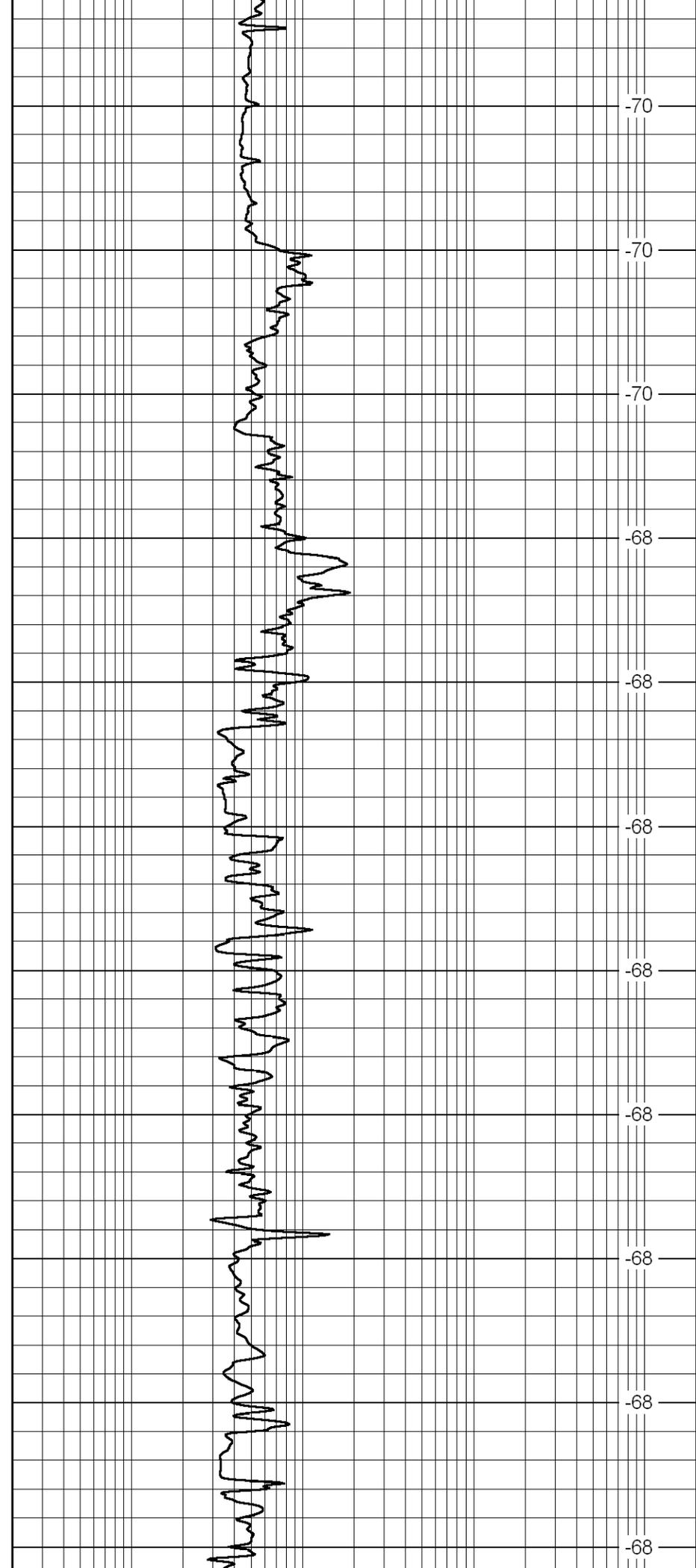
1050

1100

1150

1200

1250



-70

-70

-70

-68

-68

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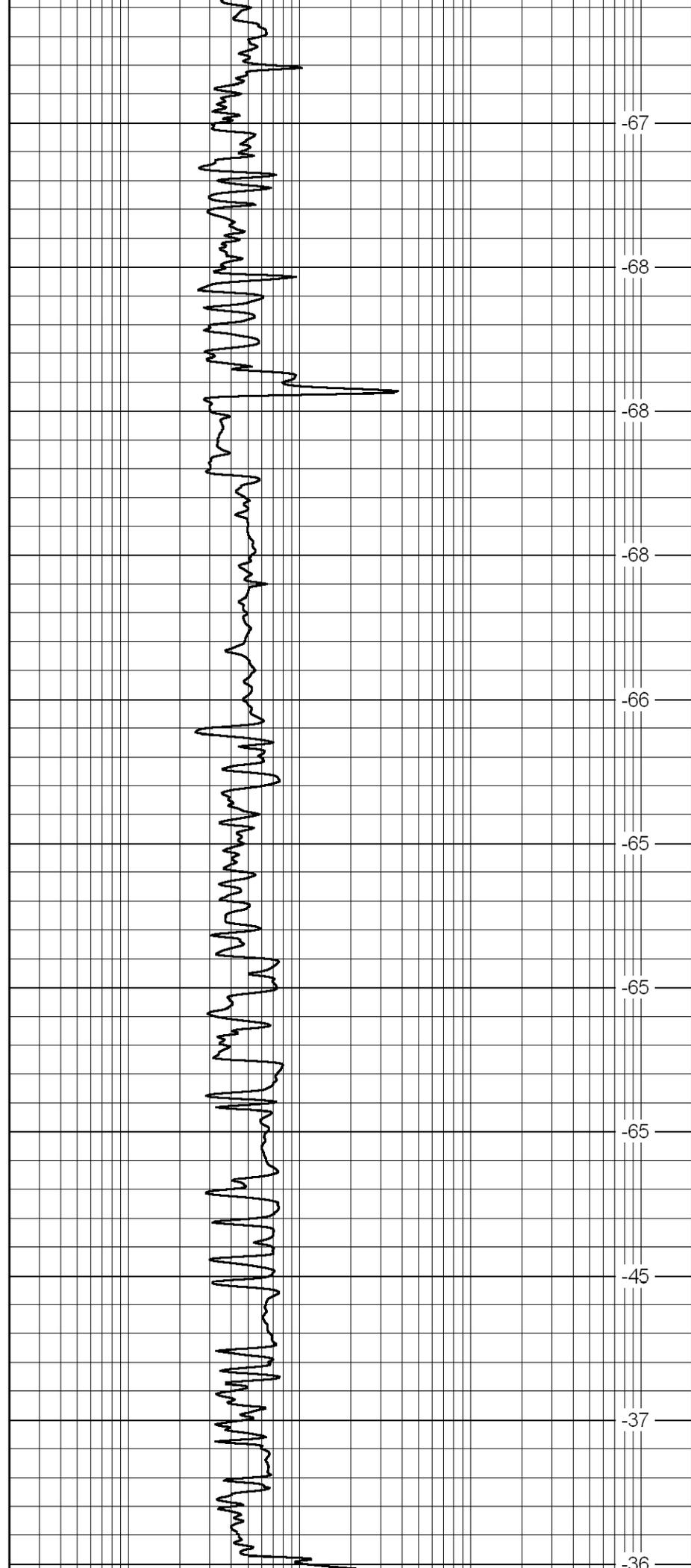
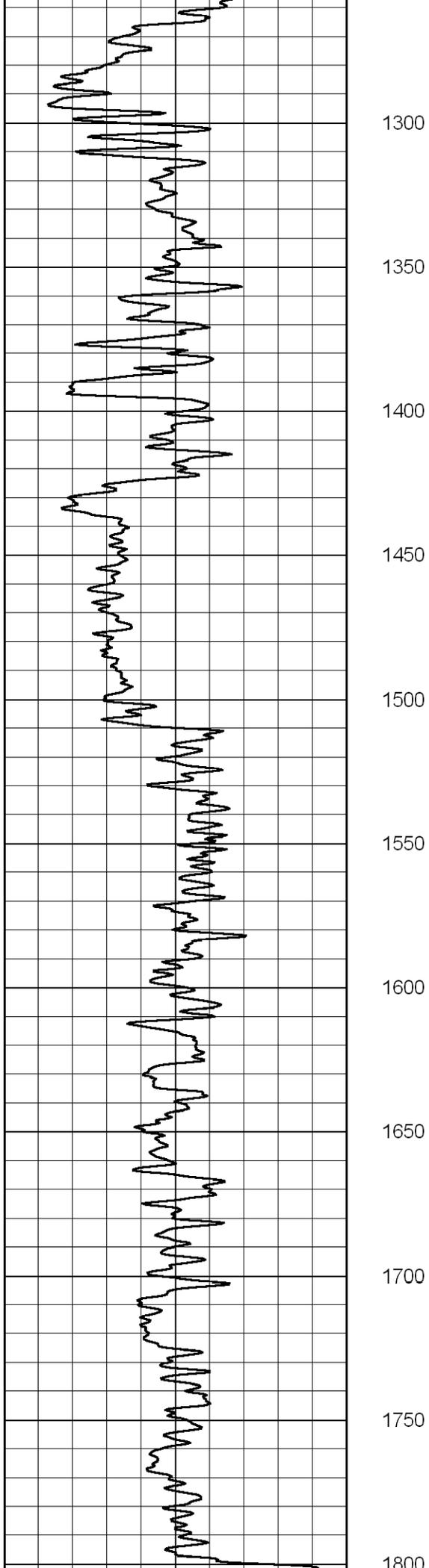
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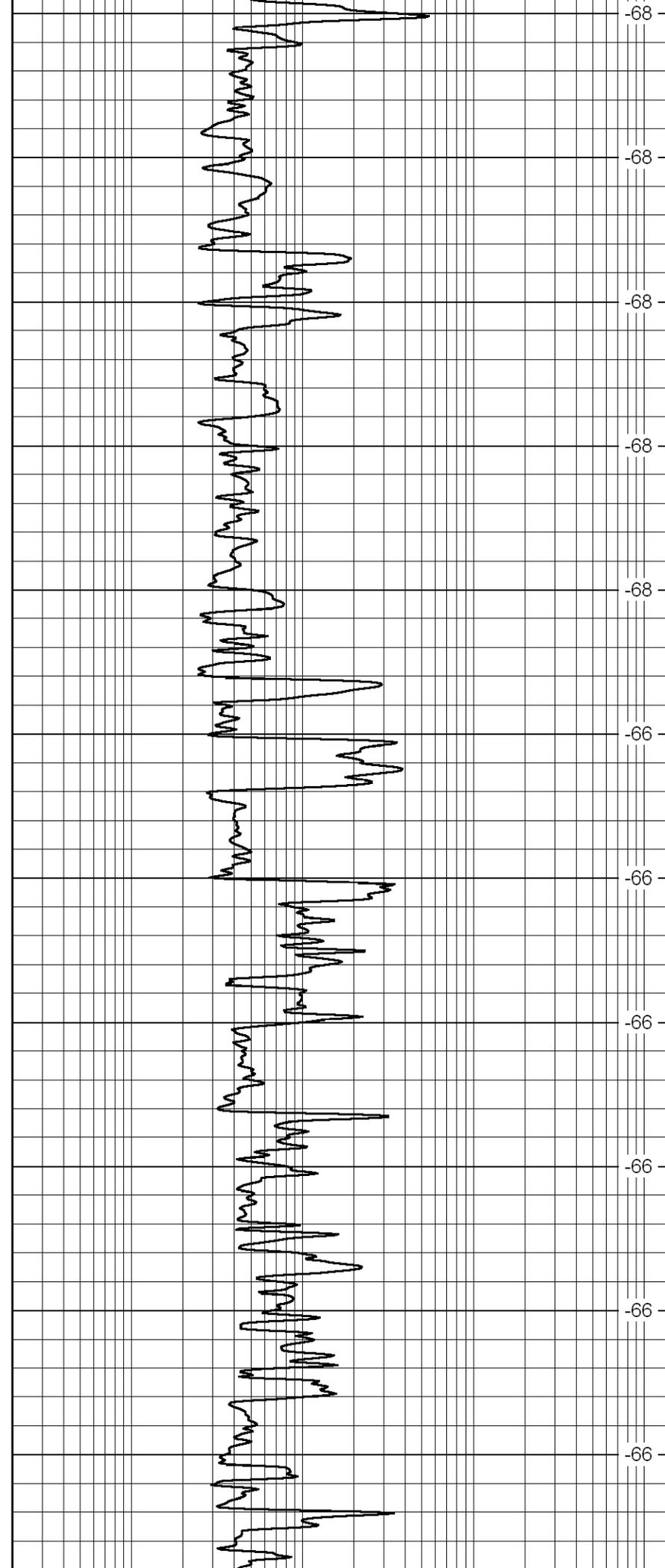
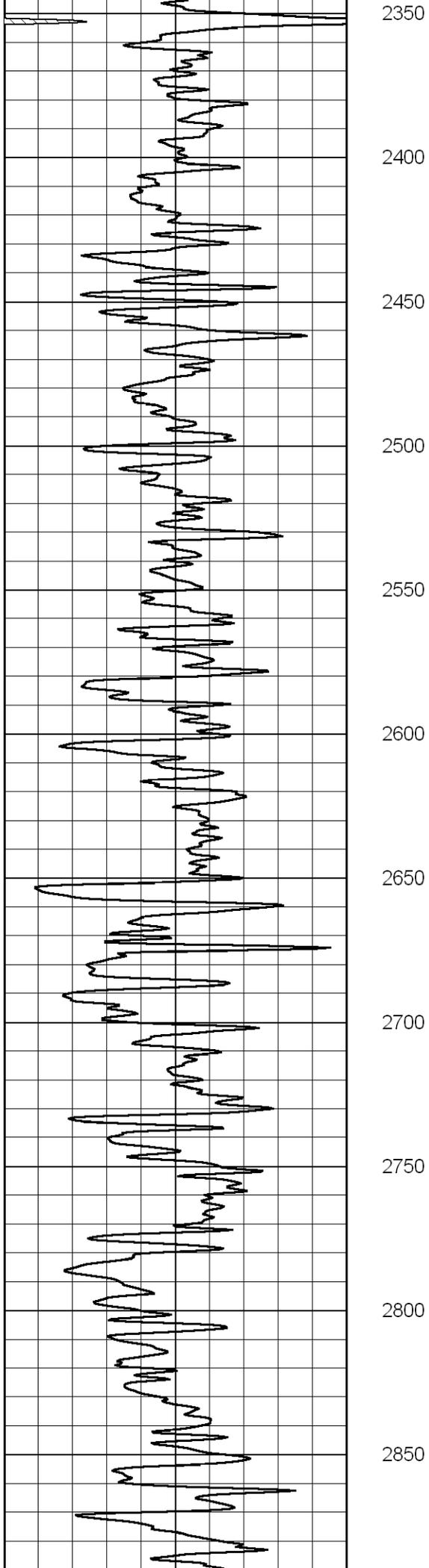
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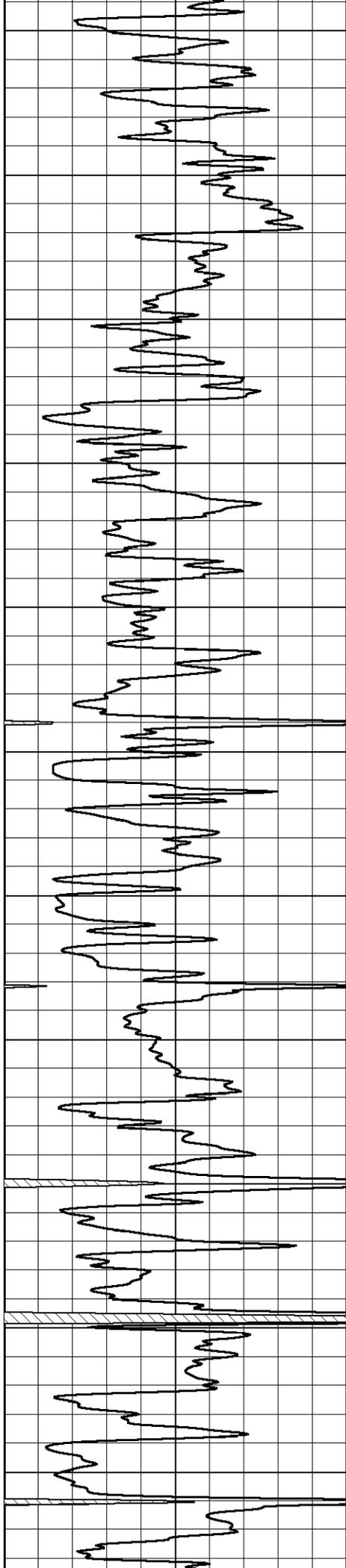
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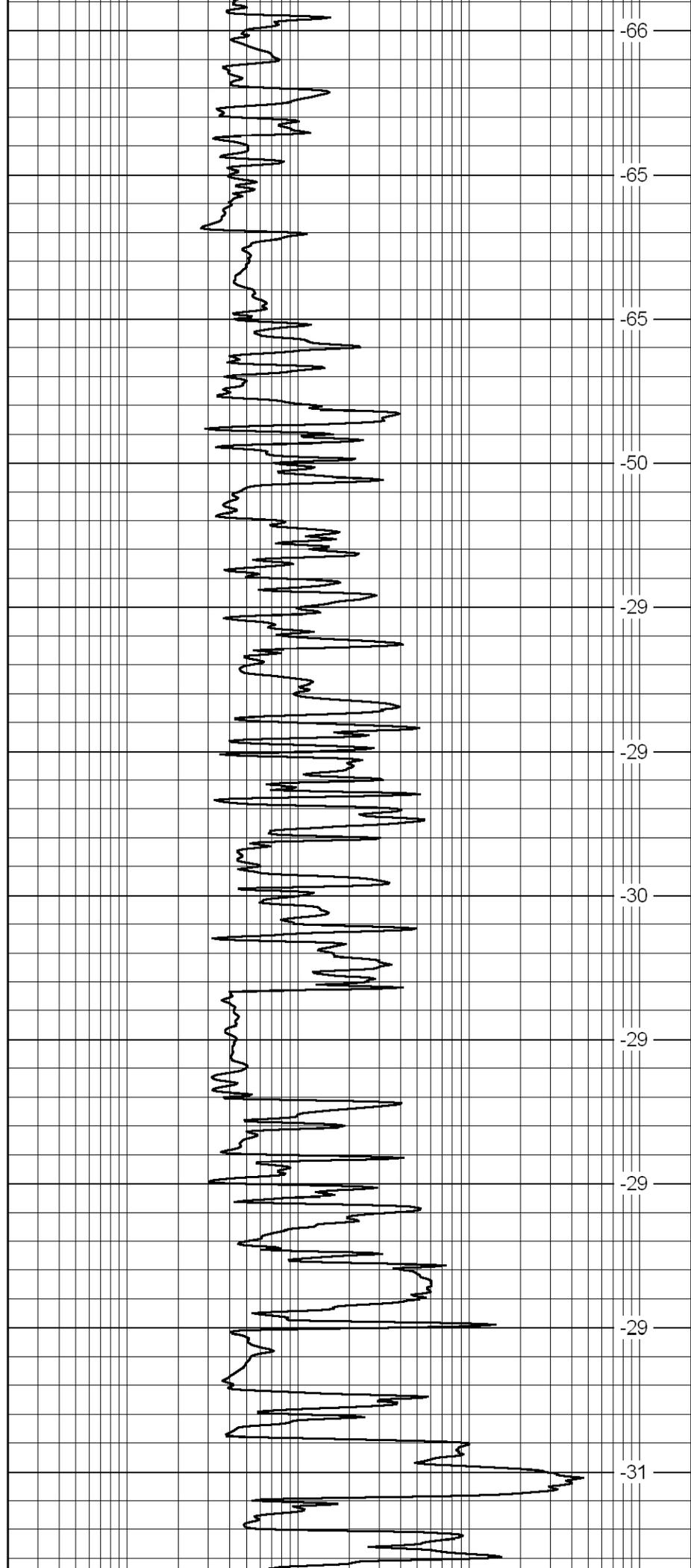
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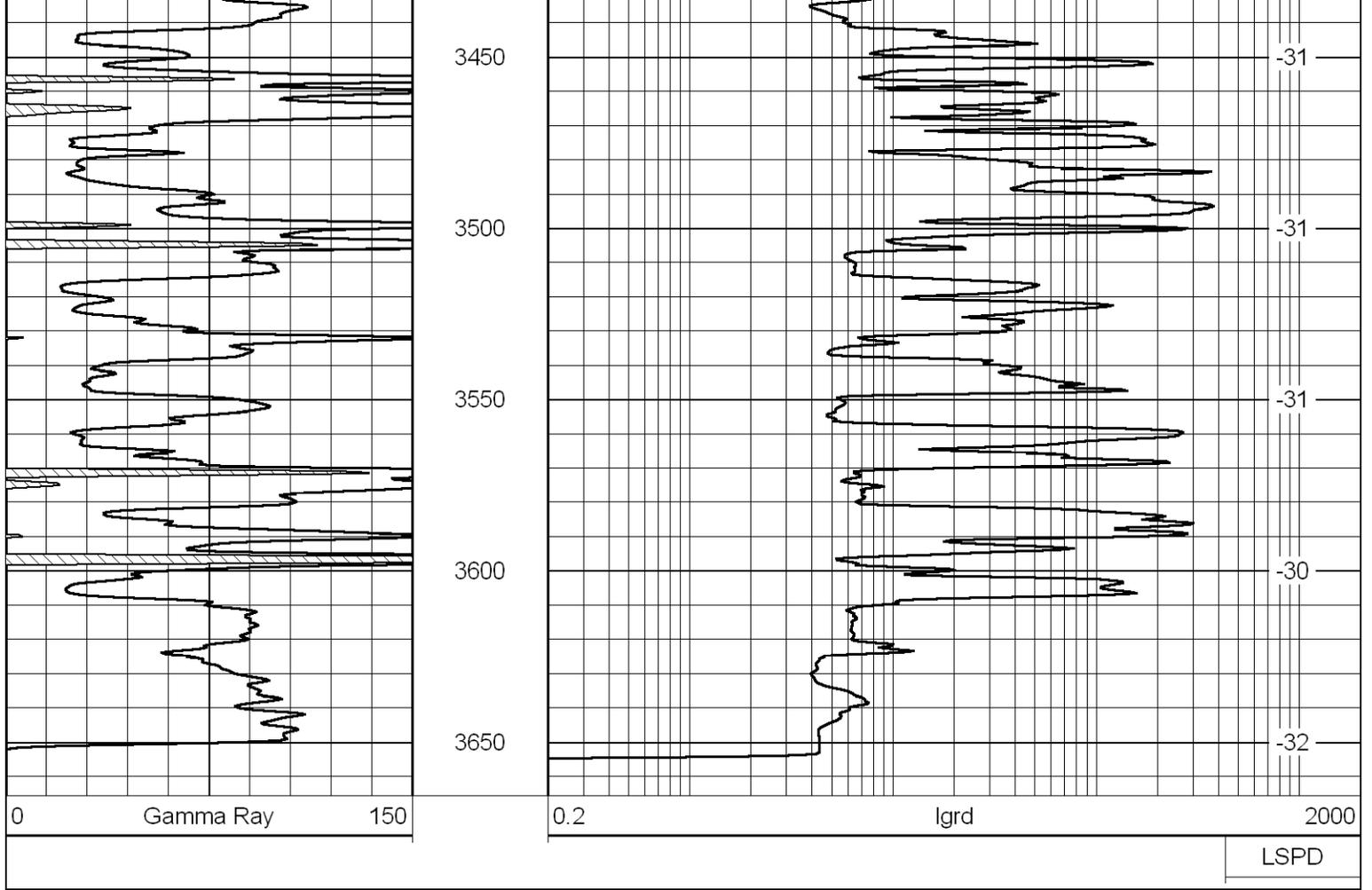




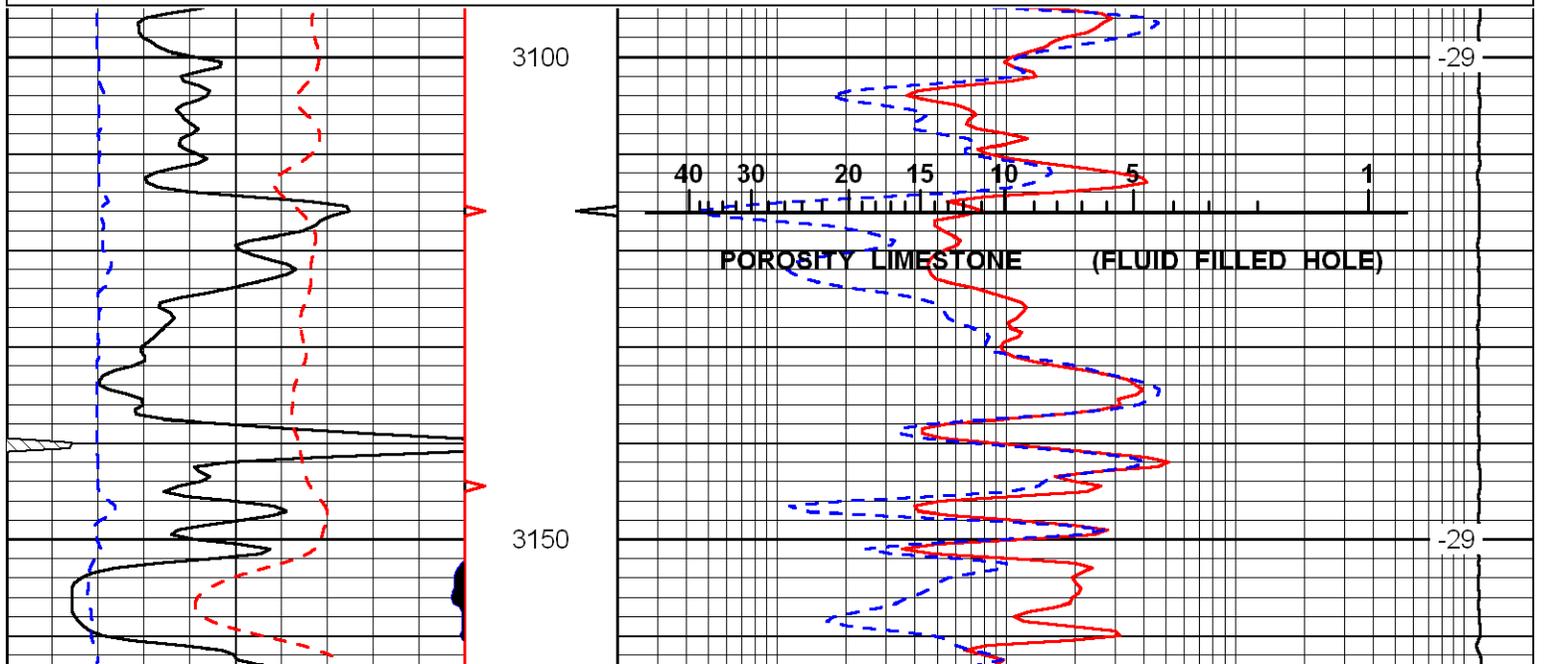
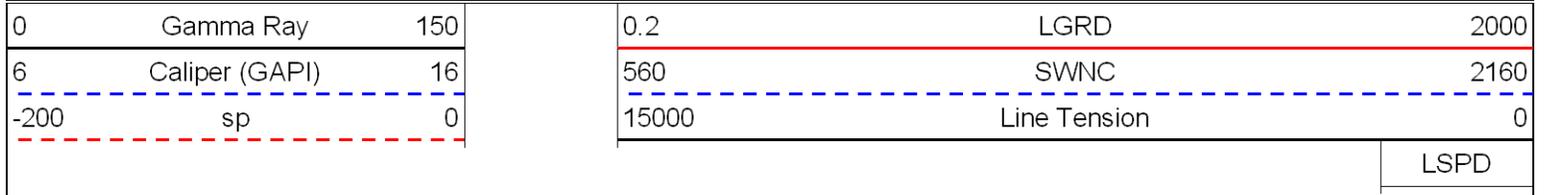
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3050
3100
3150
3200
3250
3300
3350
3400

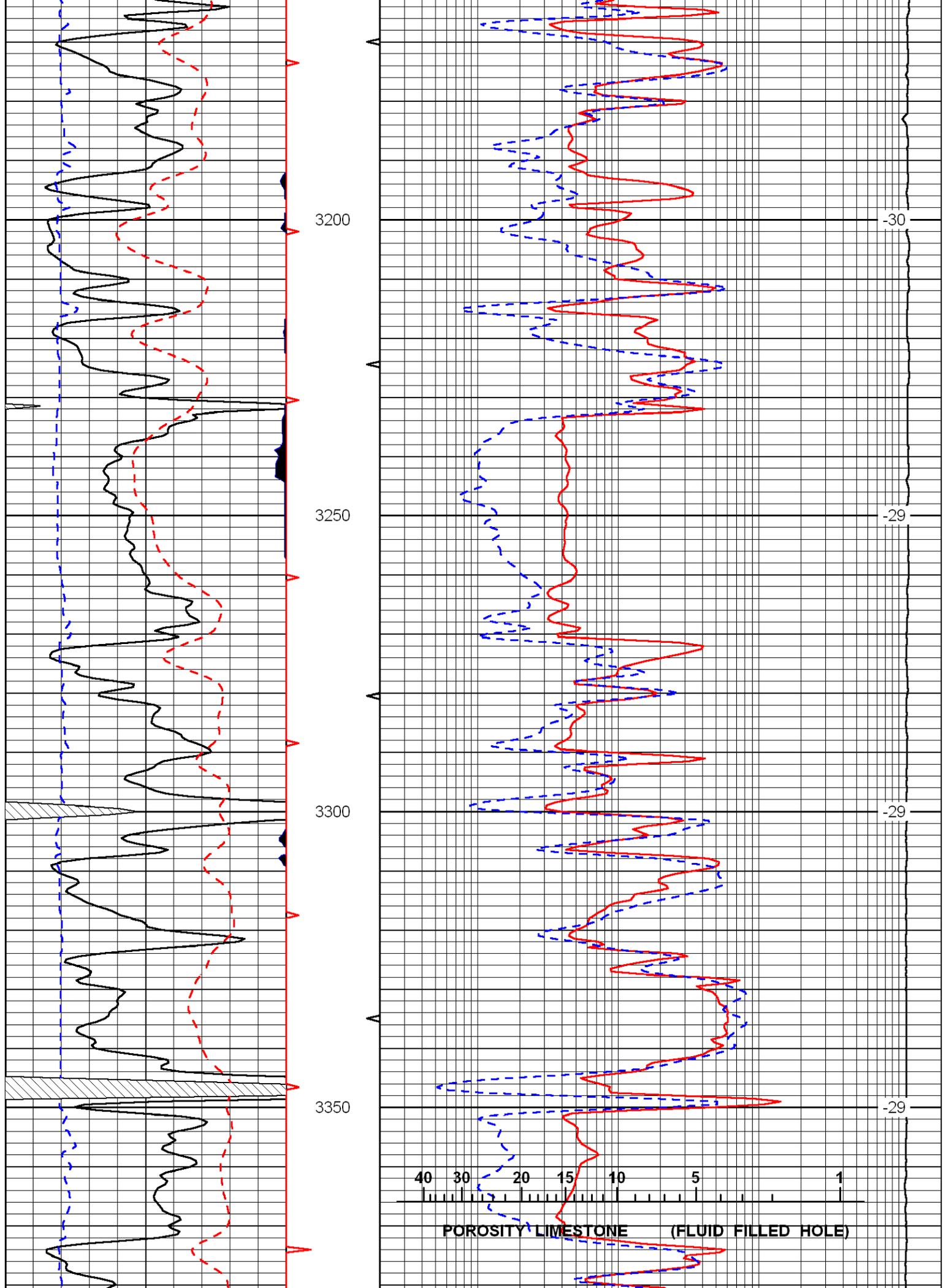


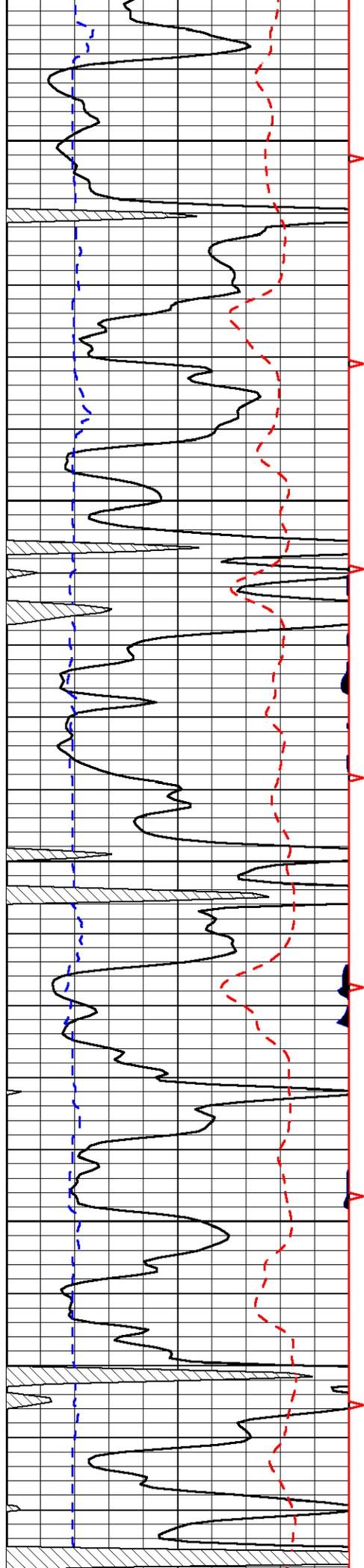
-66
-65
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Database File: bach_oneill_a_3hd.db
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 Presentation Format: rag
 Dataset Creation: Fri May 27 12:48:41 2011
 Charted by: Depth in Feet scaled 1:240





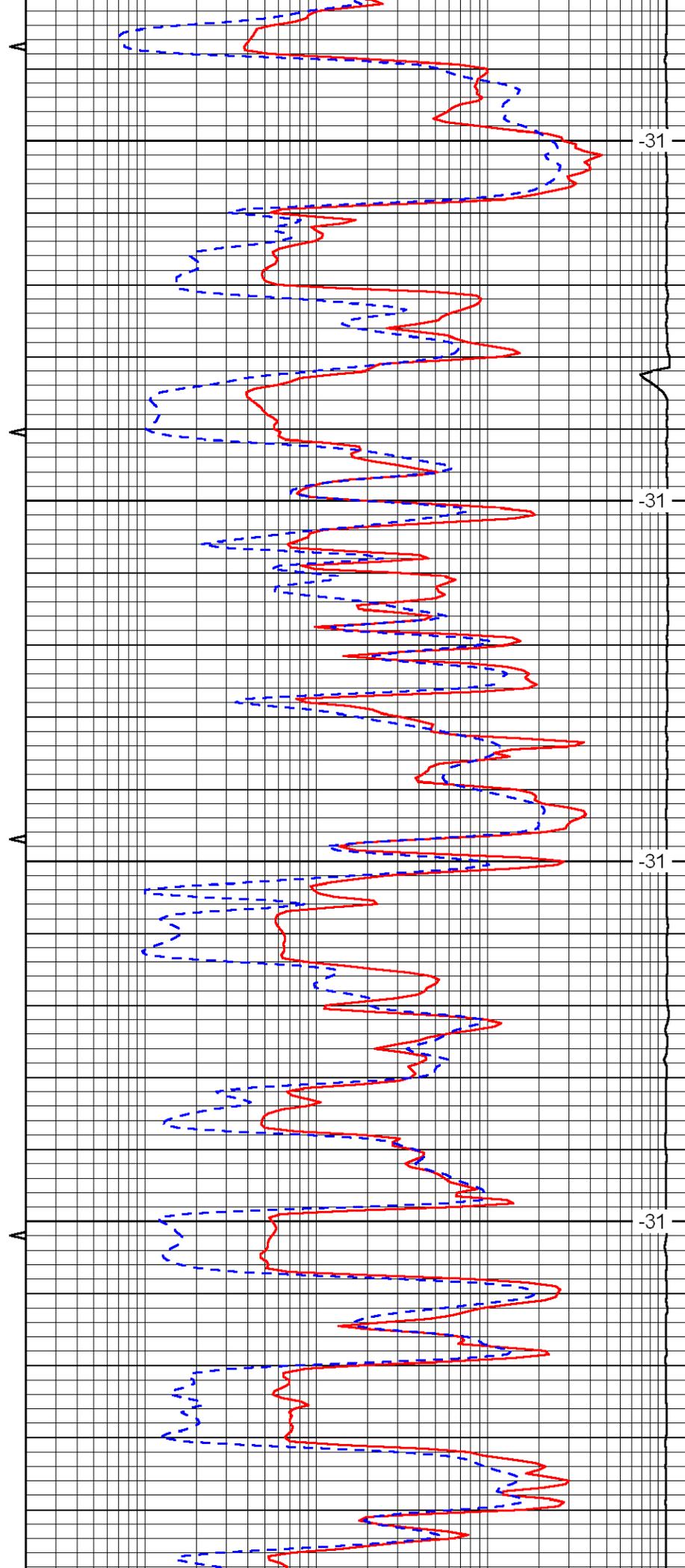


3400

3450

3500

3550



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31

31

31

