

LOG-TECH



Radiation Guard Log

DIGITAL LOG (785) 625-3858

15-16723,599-00-00

Company RL Investment, LLC

Well Miller No. 8

Field Russell

County Russell State Kansas

Location SE SW NW NE
1,100' FNL & 2,140' FEL

Sec: 32 Twp: 13S Rge: 14W

Permanent Datum Ground Level Elevation 1865
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Other Services
MEL
Elevation
K.B. 1870
D.F. 1865
G.L. 1865

Date 10/04/2009

Run Number One

Depth Driller 3400

Depth Logger 3402

Bottom Logged Interval 3401

Top Log Interval 200

Casing Driller 8.625 @ 214

Casing Logger 204

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5.800

Density / Viscosity 9.2 50

pH / Fluid Loss 10.0 8.0

Source of Sample Flowline

Rm @ Meas. Temp .5 @ 74

Rmf @ Meas. Temp .38 @ 74

Rmc @ Meas. Temp .68 @ 74

Source of Rmf / Rmc Charts

Rm @ BHT .33 @ 112

Operating Rig Time 3 Hours

Max Rec. Temp. F 112

Equipment Number 17

Location Hays

Recorded By Mike Garrison

Witnessed By Herb Dienes

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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.

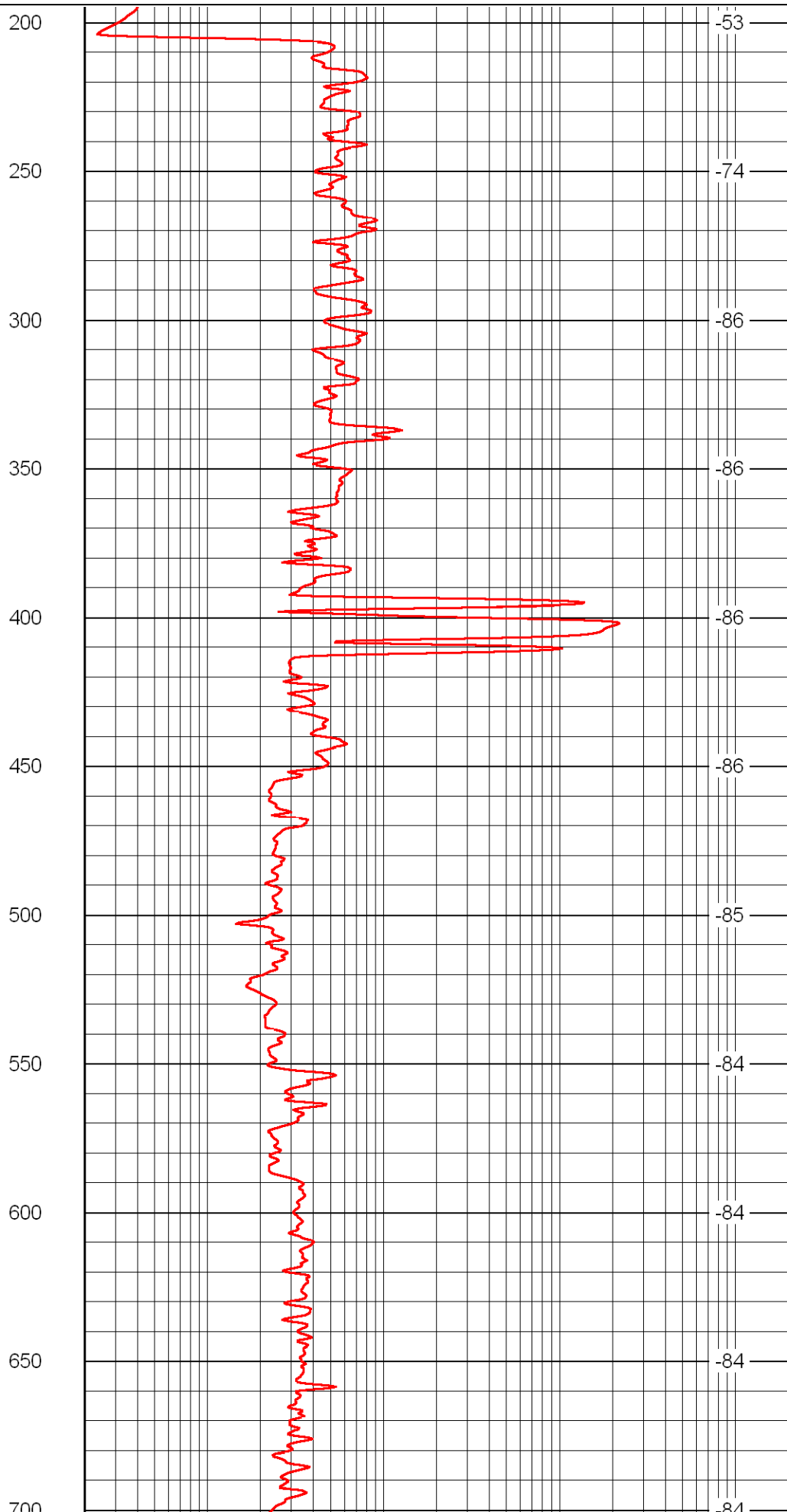
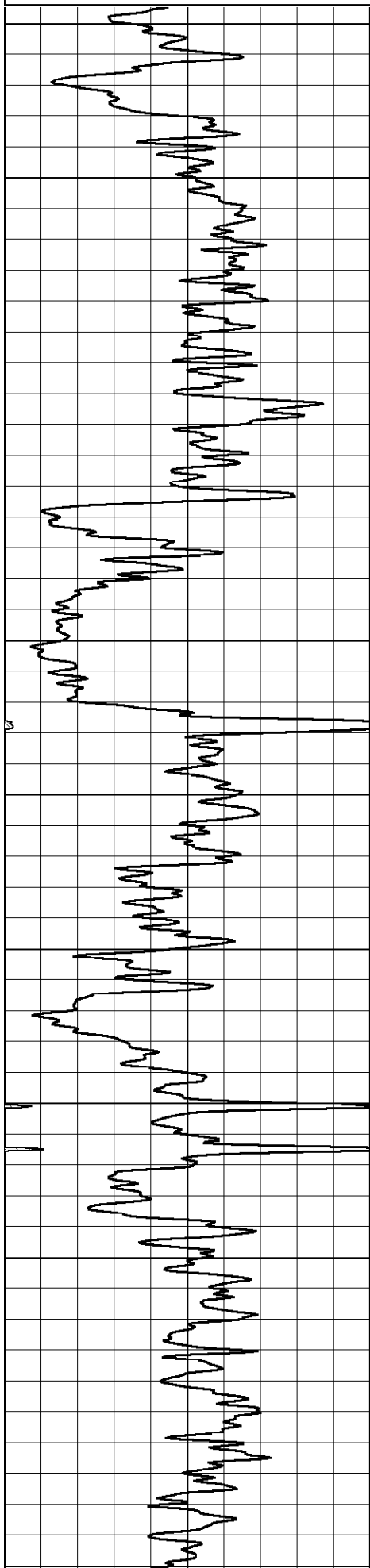
Comments

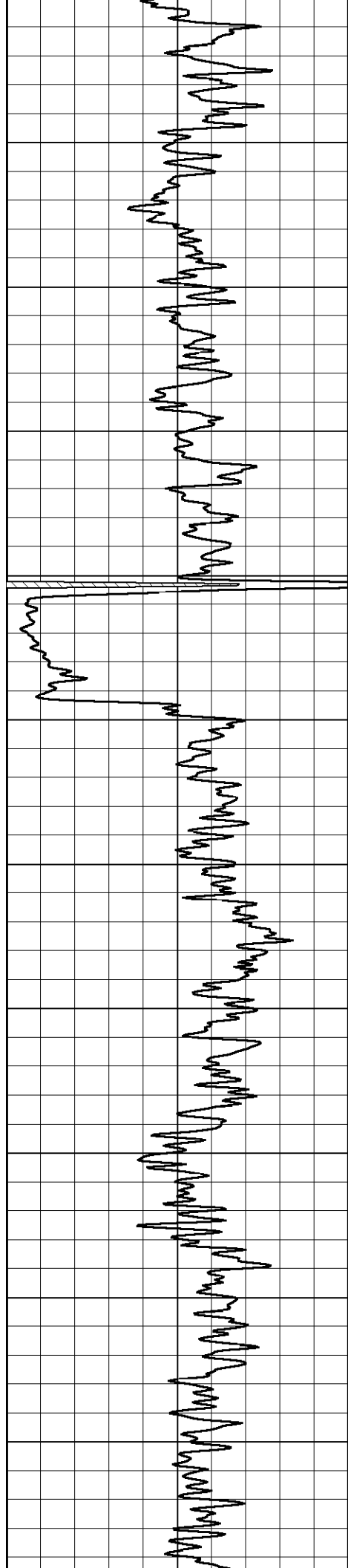
Thank you for using Log-Tech, Inc.
(785) 625-3858

I-70 and Balta Exit North to old 40, 1 1/2 East, South Into

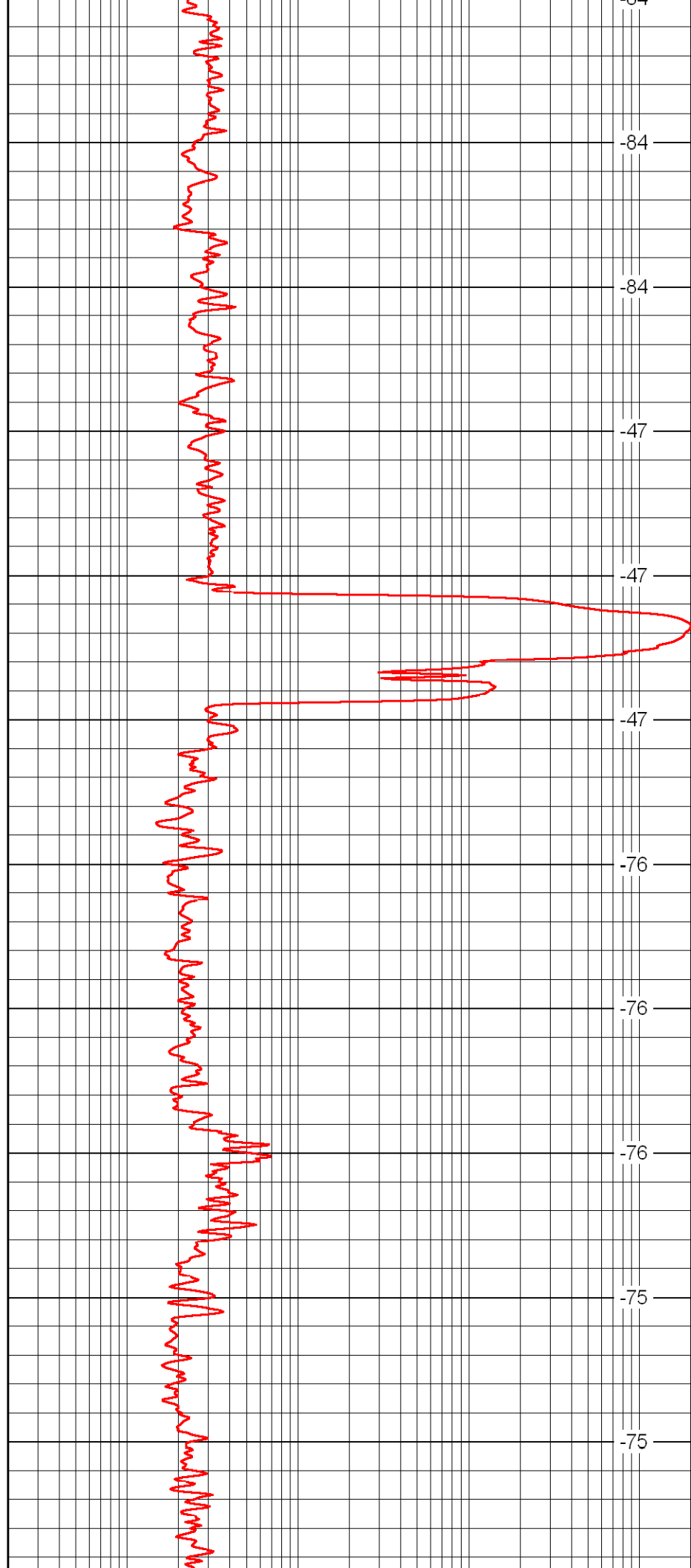
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Dataset Pathname: rag/rlrag
Presentation Format: rag2in
Dataset Creation: Sun Oct 04 16:44:34 2009
Charted by: Depth in Feet scaled 1:600

LSPD
(ft/min)

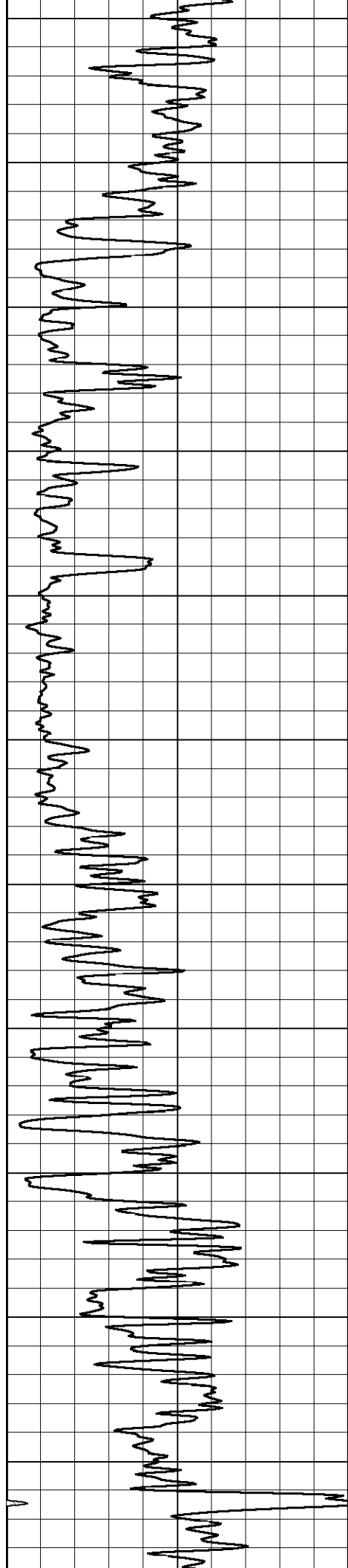




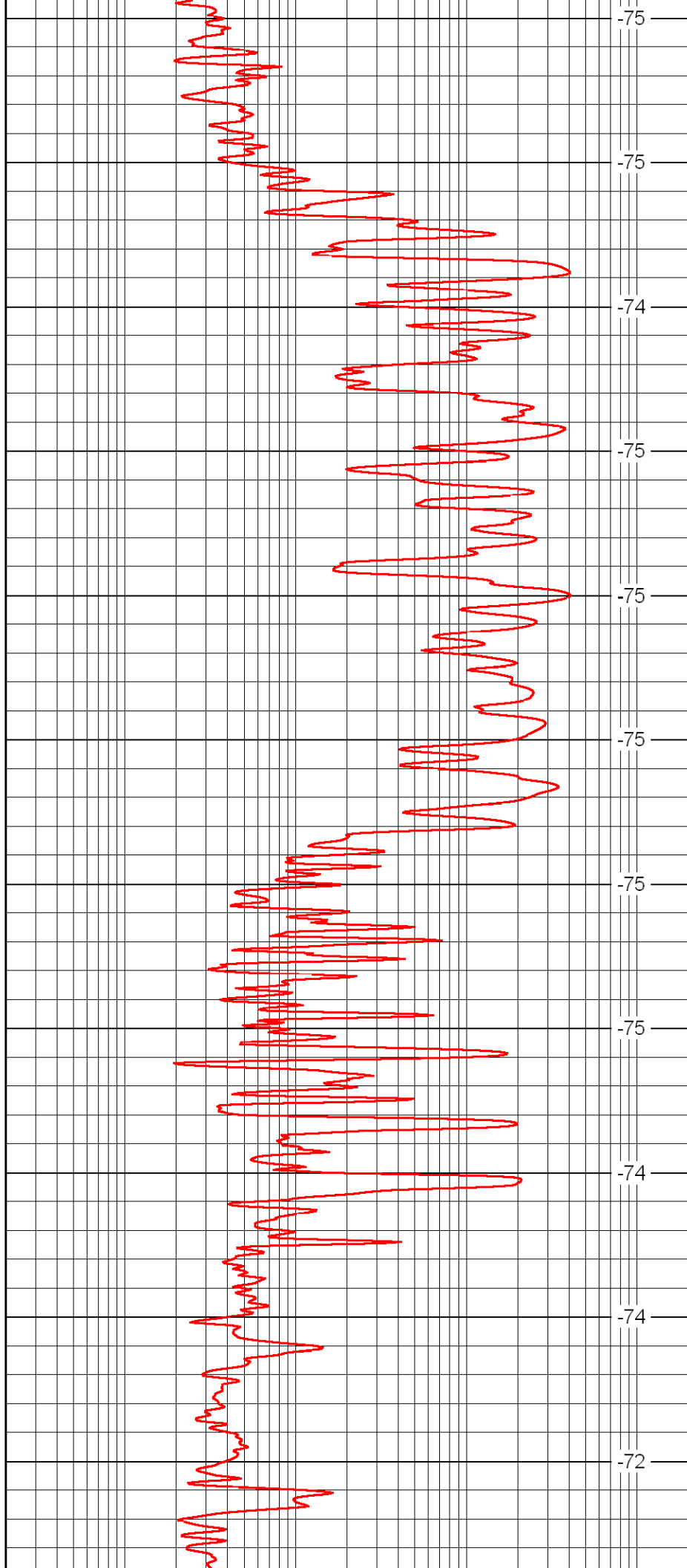
700
750
800
850
900
950
1000
1050
1100
1150
1200



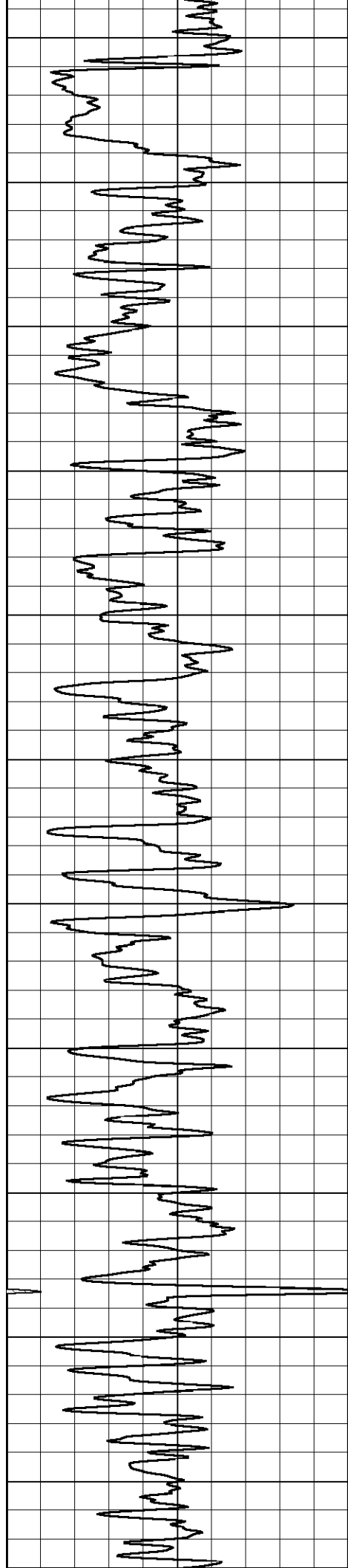
-84
-84
-47
-47
-47
-76
-76
-76
-75
-75



1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750



-75
-75
-74
-75
-75
-75
-75
-75
-74
-74
-72



1800

1850

1900

1950

2000

2050

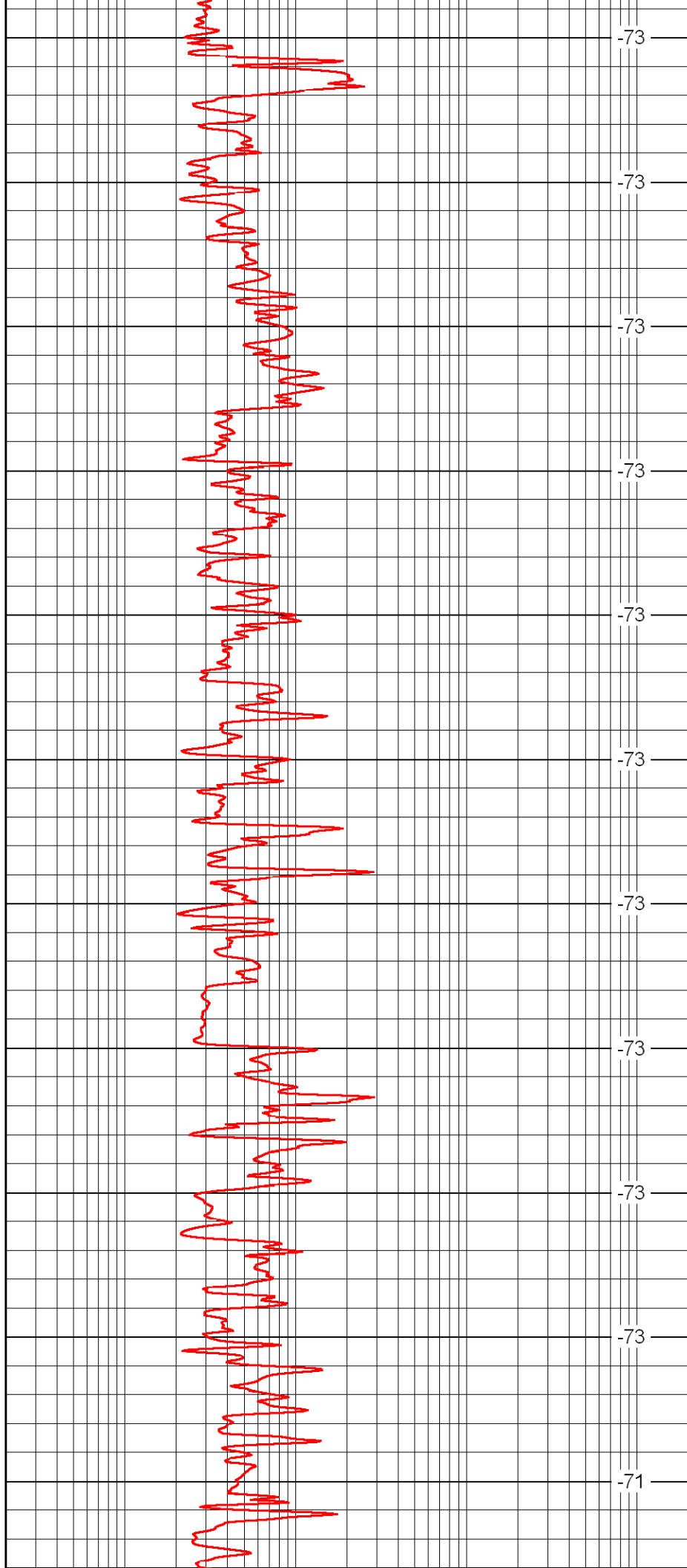
2100

2150

2200

2250

2300



1800

1850

1900

1950

2000

2050

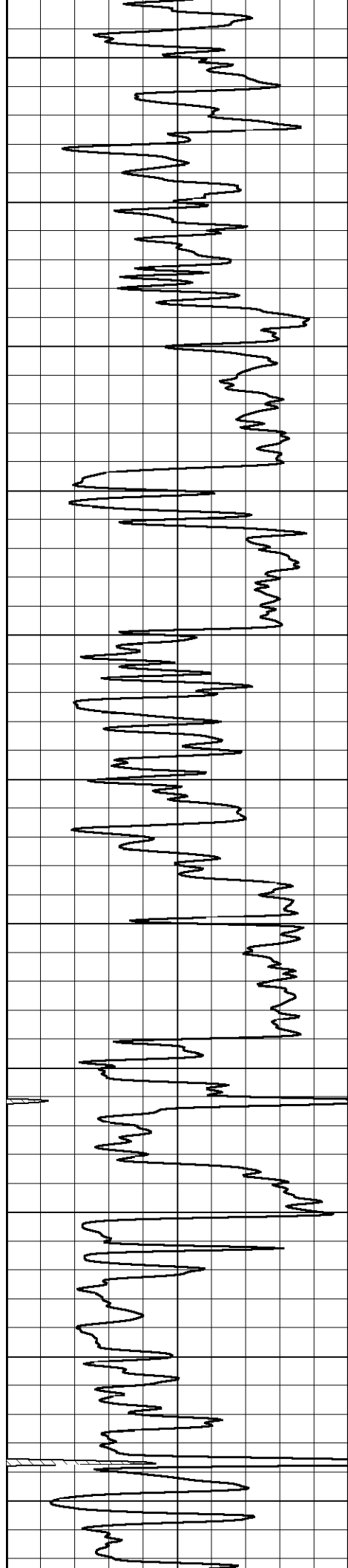
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2150

2200

2250

2300



2350

2400

2450

2500

2550

2600

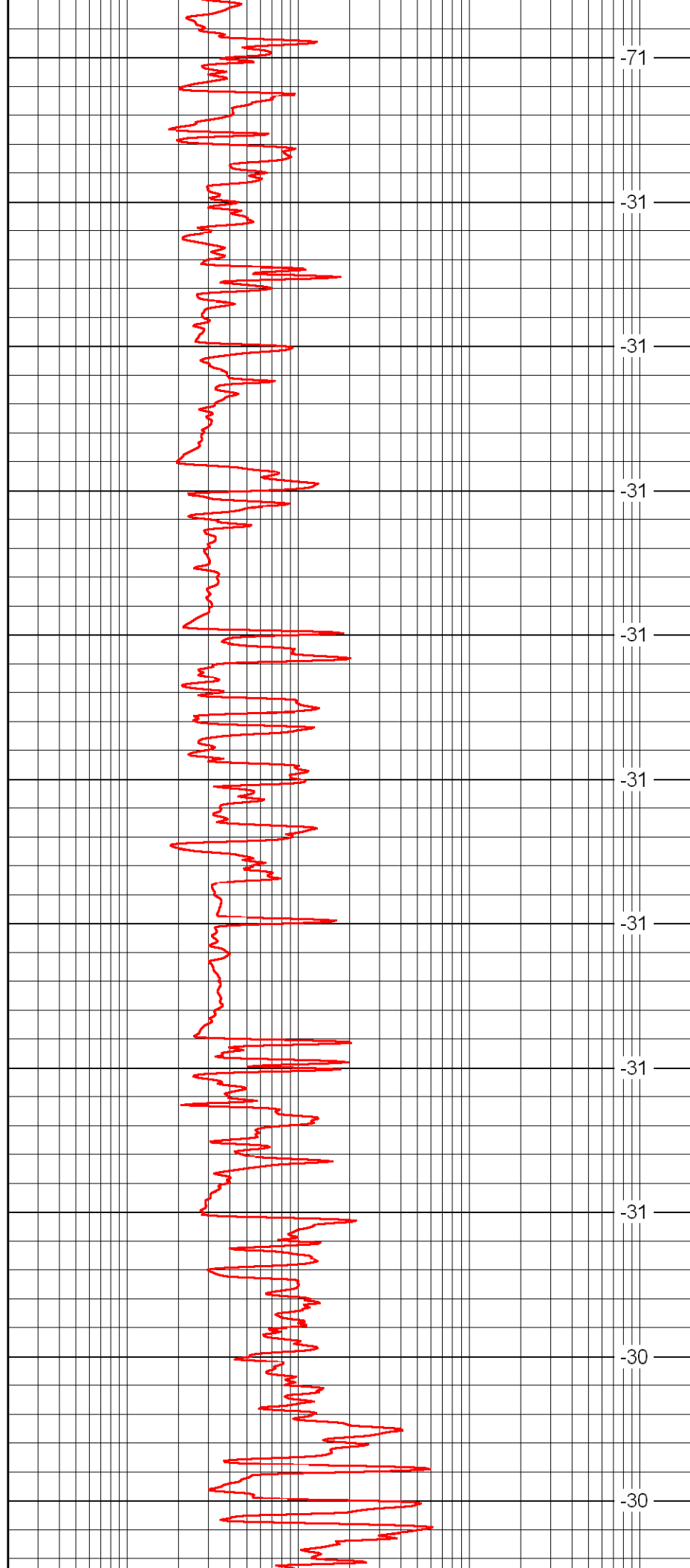
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2700

2750

2800

2850



-71

-31

-31

-31

-31

-31

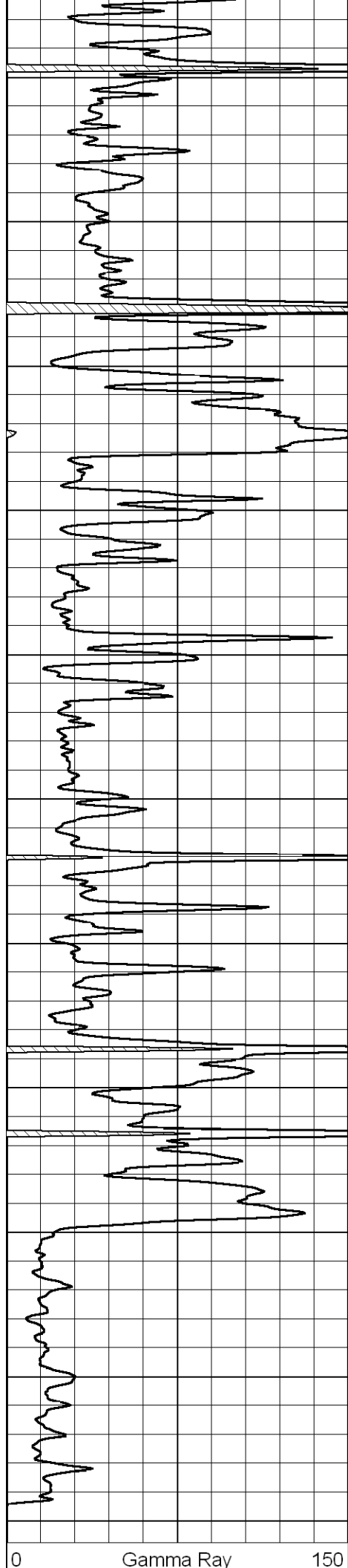
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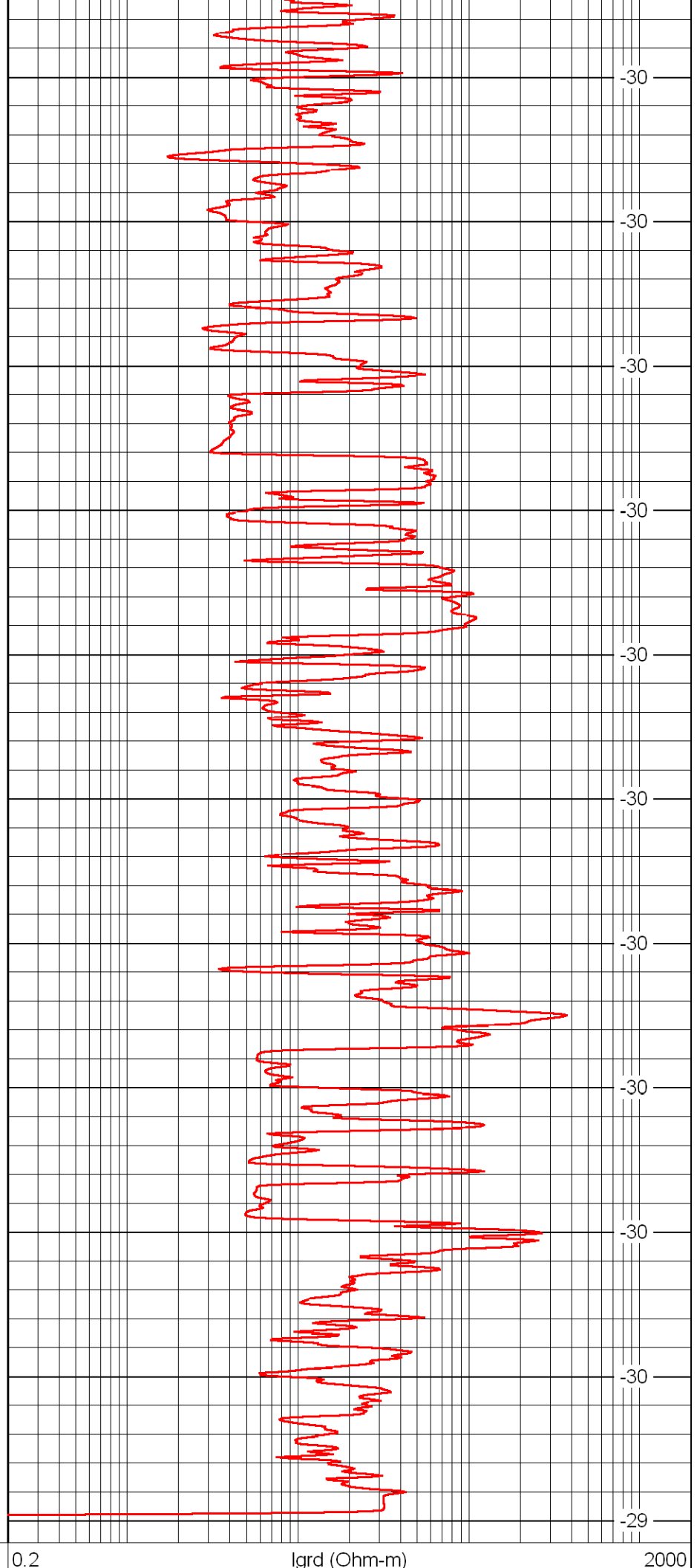
-31

-30

-30



2900
2950
3000
3050
3100
3150
3200
3250
3300
3350
3400



-30
-30
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-30
-29

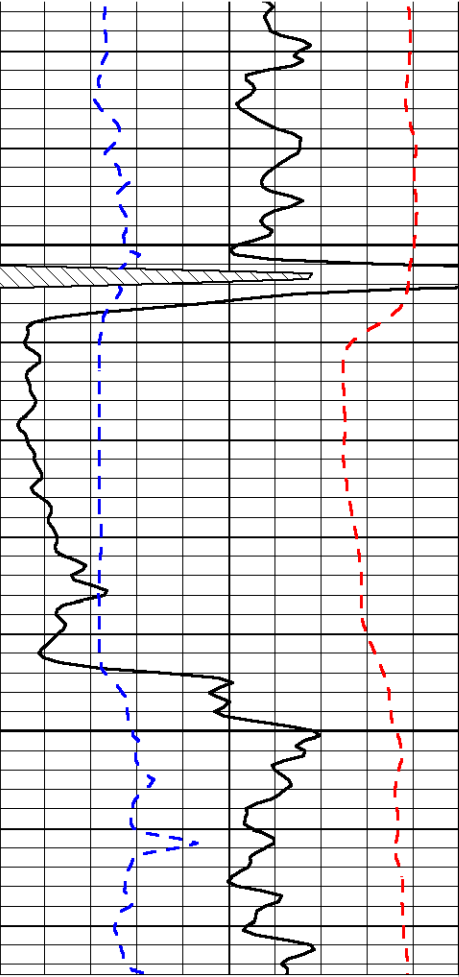
LSPD
(ft/min)

Database File: c:\warrior\data\rl investments_miller no. 8\rlinvesthd.db
Dataset Pathname: rag/rlrag
Presentation Format: rag
Dataset Creation: Sun Oct 04 16:44:34 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
6	Caliper (in)	16
-200	SP (MV)	0

0.2	Long Guard (Ohm-m)	2000
560	Neutron (cps)	2160
15000	Line Tension (lb)	0

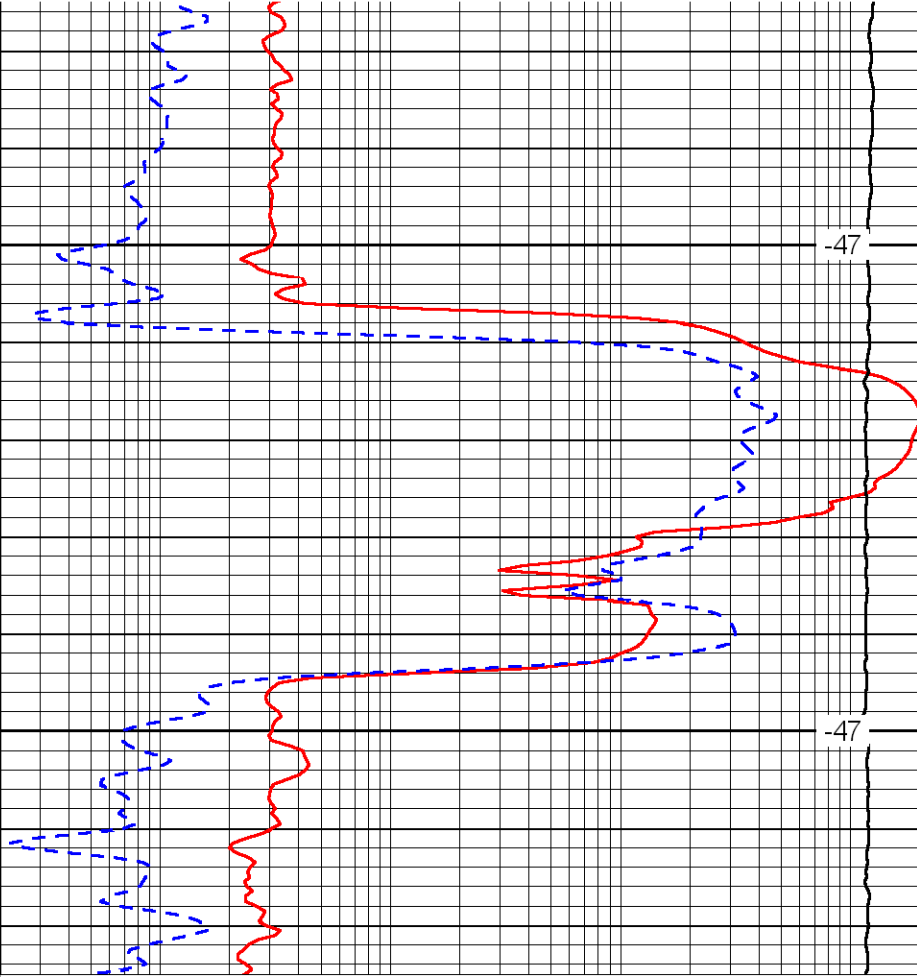
LSPD
(ft/min)



900

950

0	Gamma Ray	150
6	Caliper (in)	16
-200	SP (MV)	0



-47

-47

0.2	Long Guard (Ohm-m)	2000
560	Neutron (cps)	2160
15000	Line Tension (lb)	0

LSPD
(ft/min)

Database File: c:\warrior\data\rl investments_miller no. 8\rlinvesthd.db
Dataset Pathname: rag/rlrag
Presentation Format: rag
Dataset Creation: Sun Oct 04 16:44:34 2009
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
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0.2	Long Guard (Ohm-m)	2000
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6	Caliper (in)	16
-200	SP (MV)	0

560	Neutron (cps)	2160
15000	Line Tension (lb)	0

LSPD
(ft/min)

