



Radiation Guard Log

Pioneer Energy Services

API No.

15-167-23,945-00-00

Company Craig Oil Company

Well Schmidt #8

Field Trapp

County Russell State Kansas

Location

1315' FSL & 1320' FWL

Other Services
MEL

Sec: 23 Twp: 15S Rge: 14W

Permanent Datum Ground Level Elevation 1892

Log Measured From Kelly Bushing 7 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Elevation
K.B. 1899
D.F. 1892
G.L. 1892

Date 2/12/2014

Run Number One

Depth Driller 3400

Depth Logger 3395

Bottom Logged Interval 3394

Top Log Interval 850

Casing Driller 8.625 @ 897

Casing Logger 894

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL 5000

Density / Viscosity 9.4 61

pH / Fluid Loss 9.0 8.8

Source of Sample Flowline

Rm @ Meas. Temp 0.30 @ 54

Rmf @ Meas. Temp 0.23 @ 54

Rmc @ Meas. Temp 0.41 @ 54

Source of Rmf / Rmc Charts

Rm @ BHT 0.15 @ 110

Operating Rig Time 3 1/2 Hours

Max Rec. Temp. F 110

Equipment Number 15

Location Hays

Recorded By D.Kerr

Witnessed By Bruce Basye

<<< Fold Here >>>

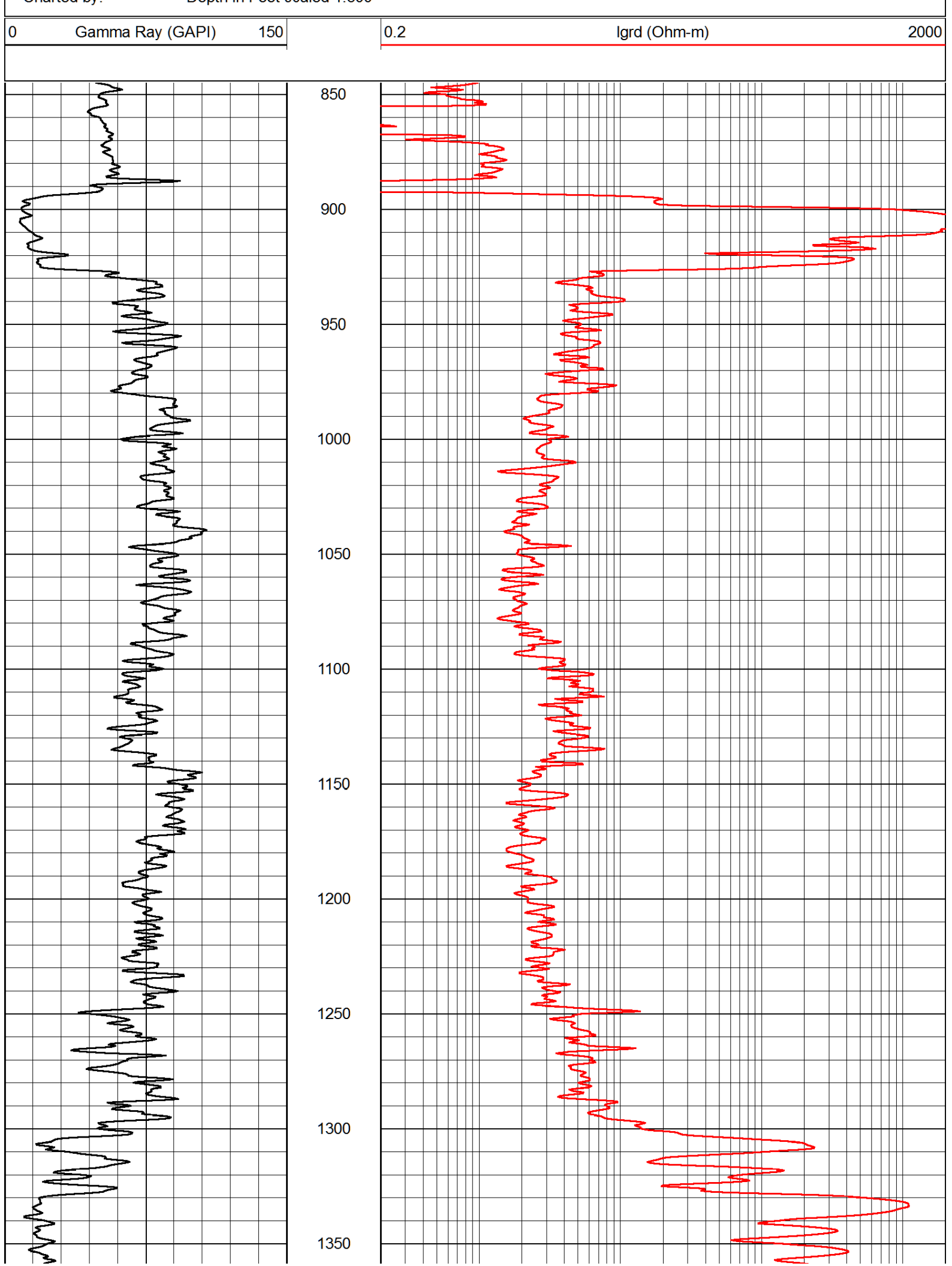
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

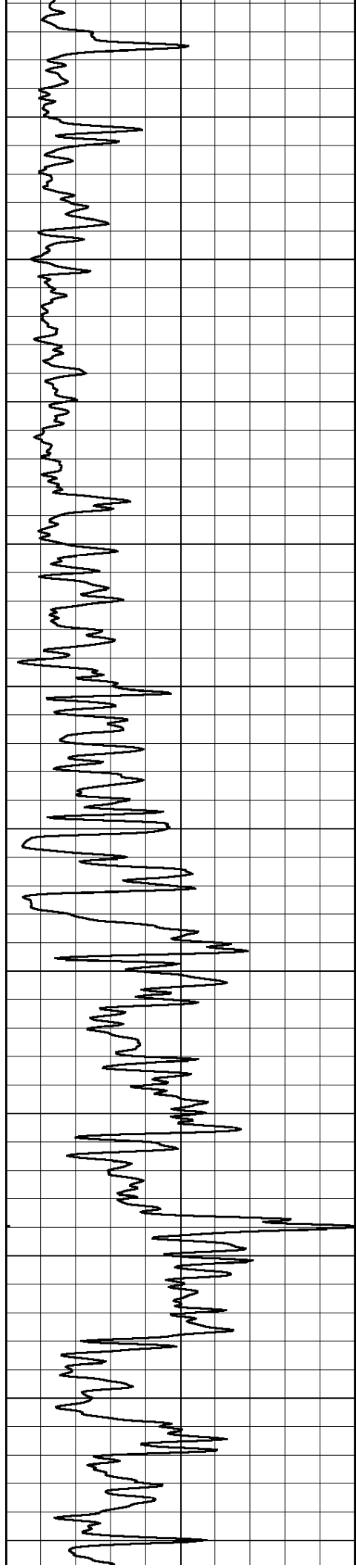
Comments

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

Russell KS, 9 1/2 South, West Into

Database File: craig_schmidt_8hd.db
Dataset Pathname: RAG/craigrag
Presentation Format: rag2in
Dataset Creation: Wed Feb 12 21:50:53 2014
Charted by: Depth in Feet scaled 1:600





1400

1450

1500

1550

1600

1650

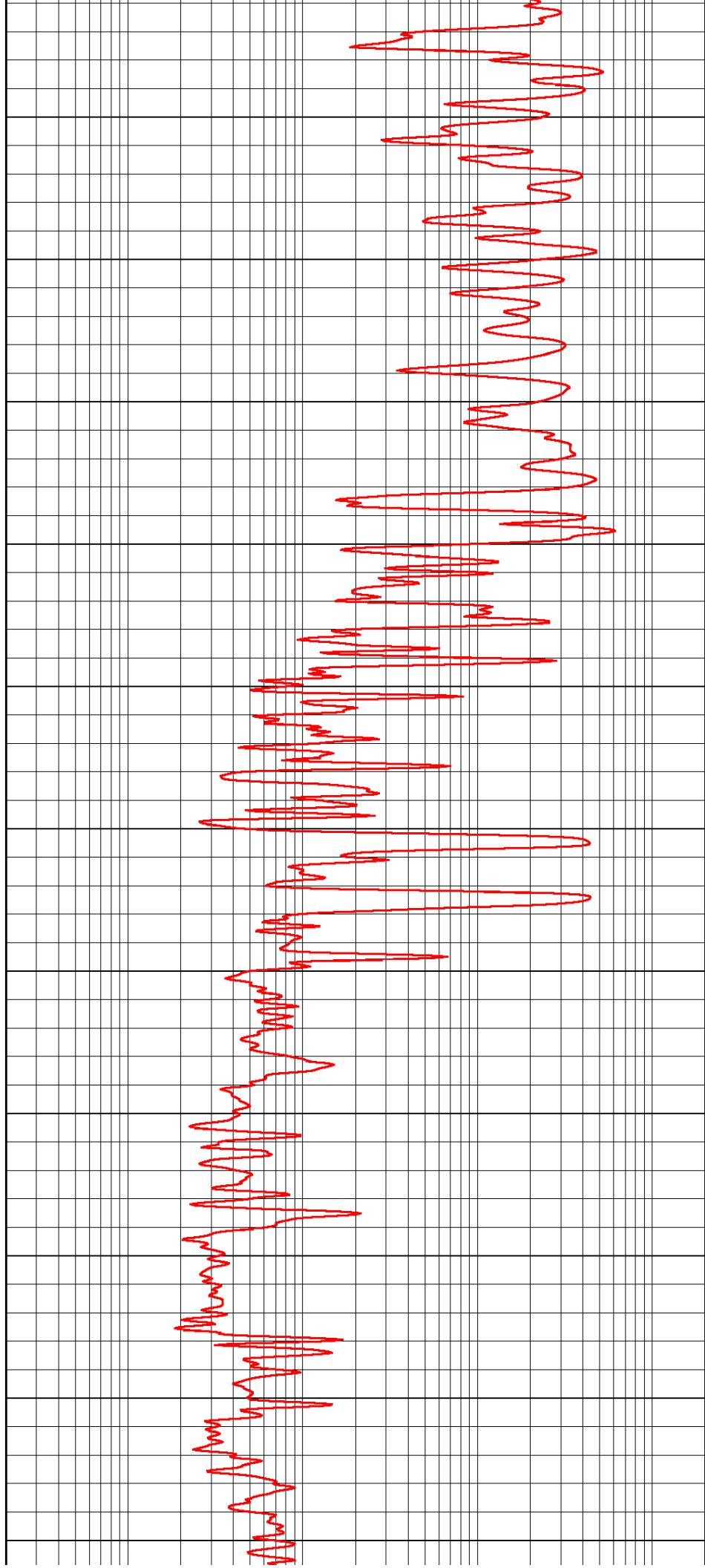
1700

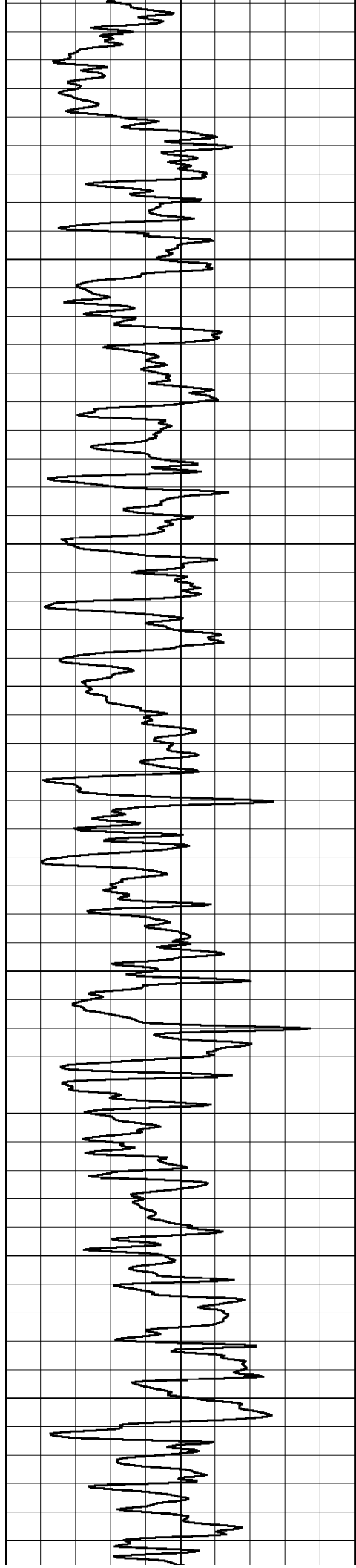
1750

1800

1850

1900





1950

2000

2050

2100

2150

2200

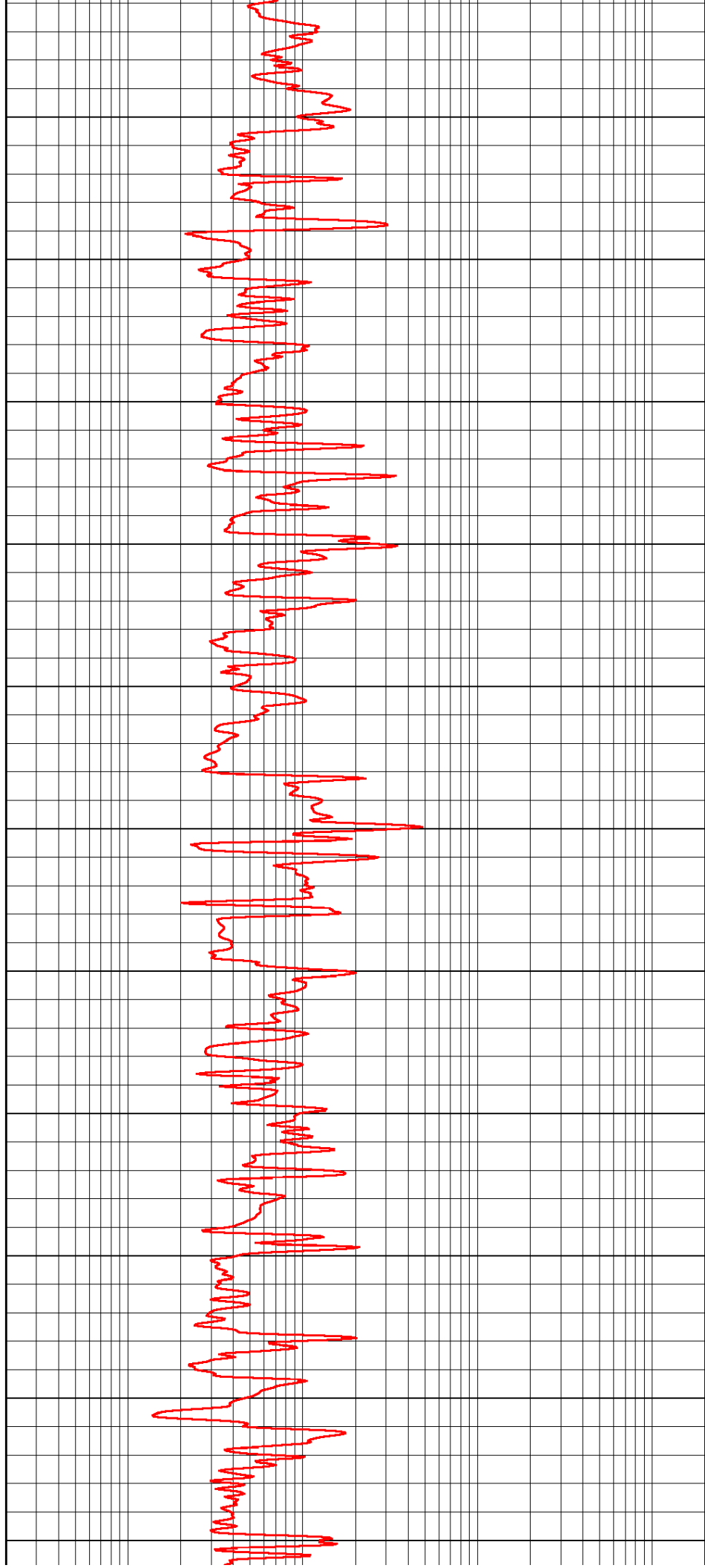
2250

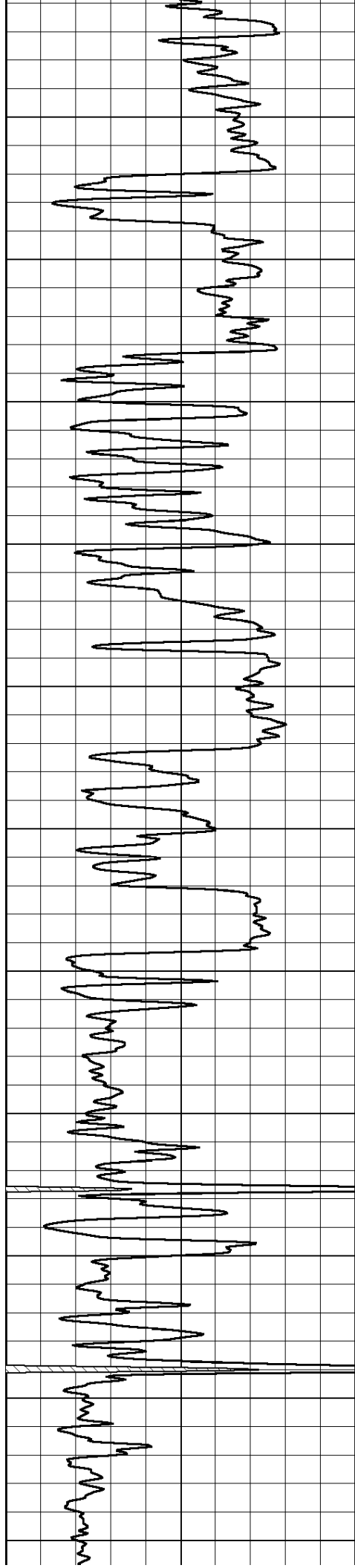
2300

2350

2400

2450





2500

2550

2600

2650

2700

2750

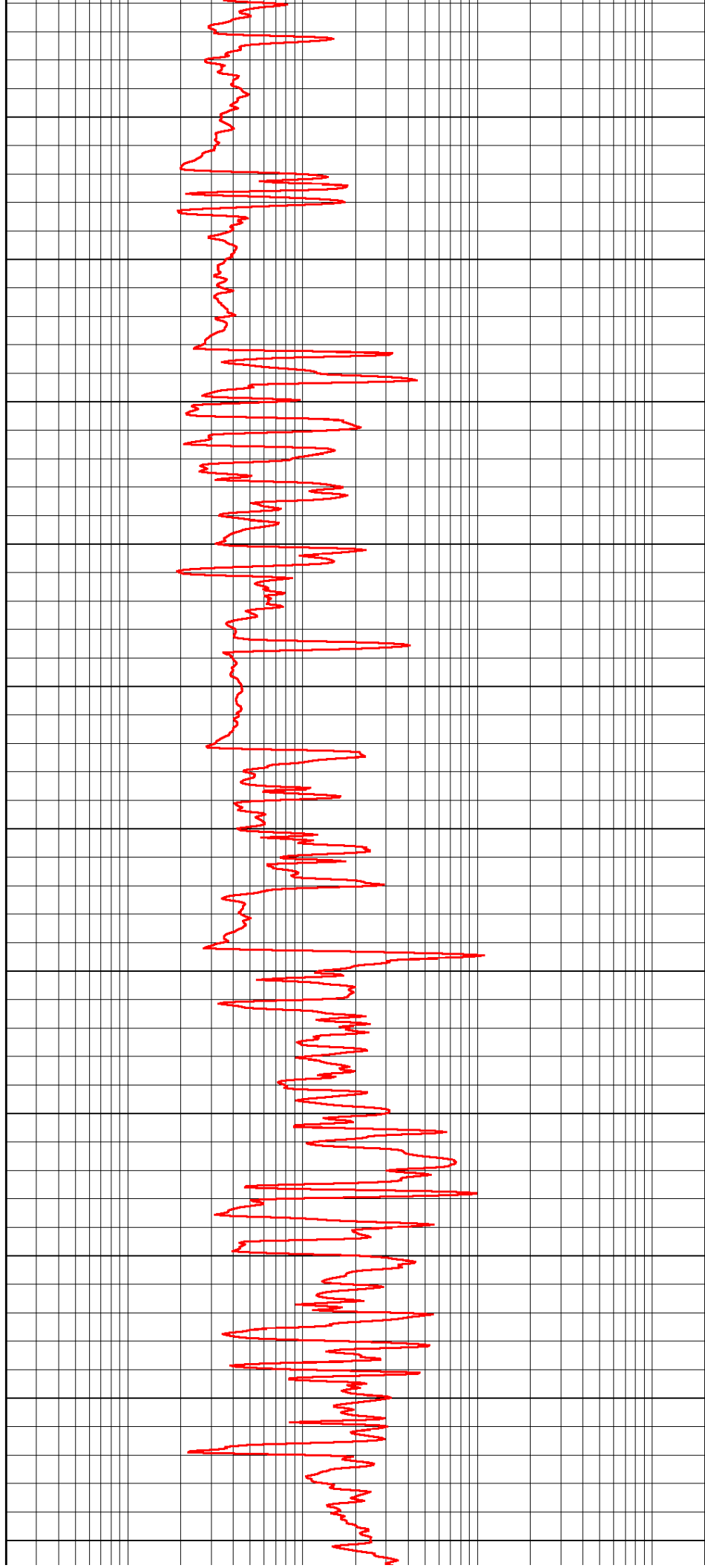
2800

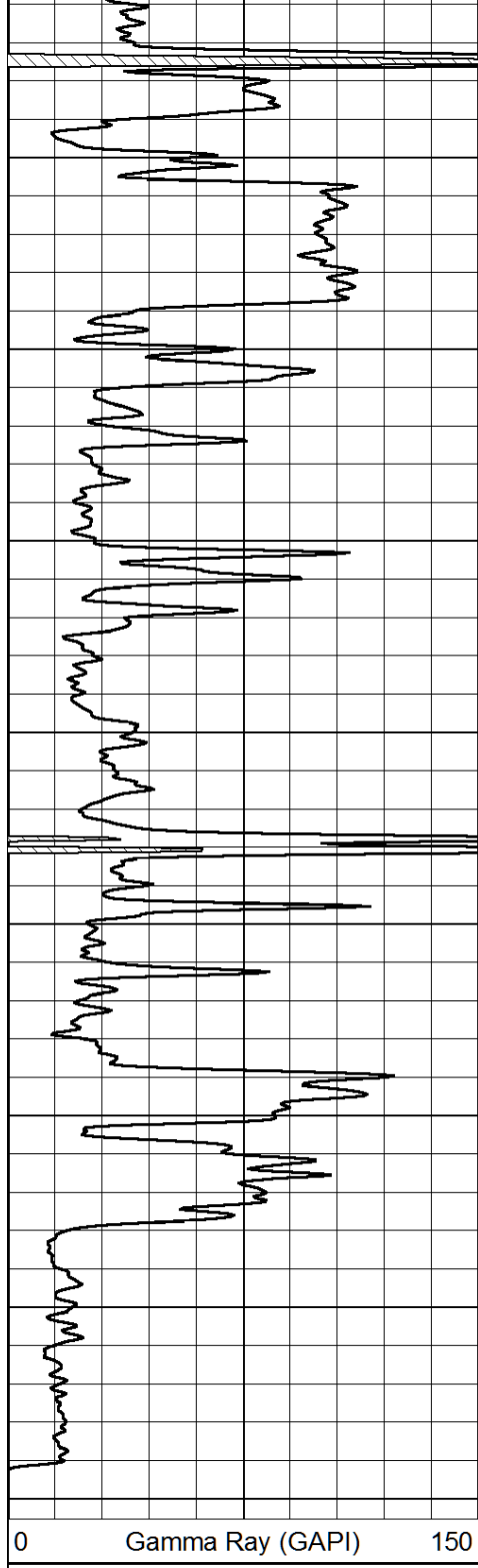
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2900

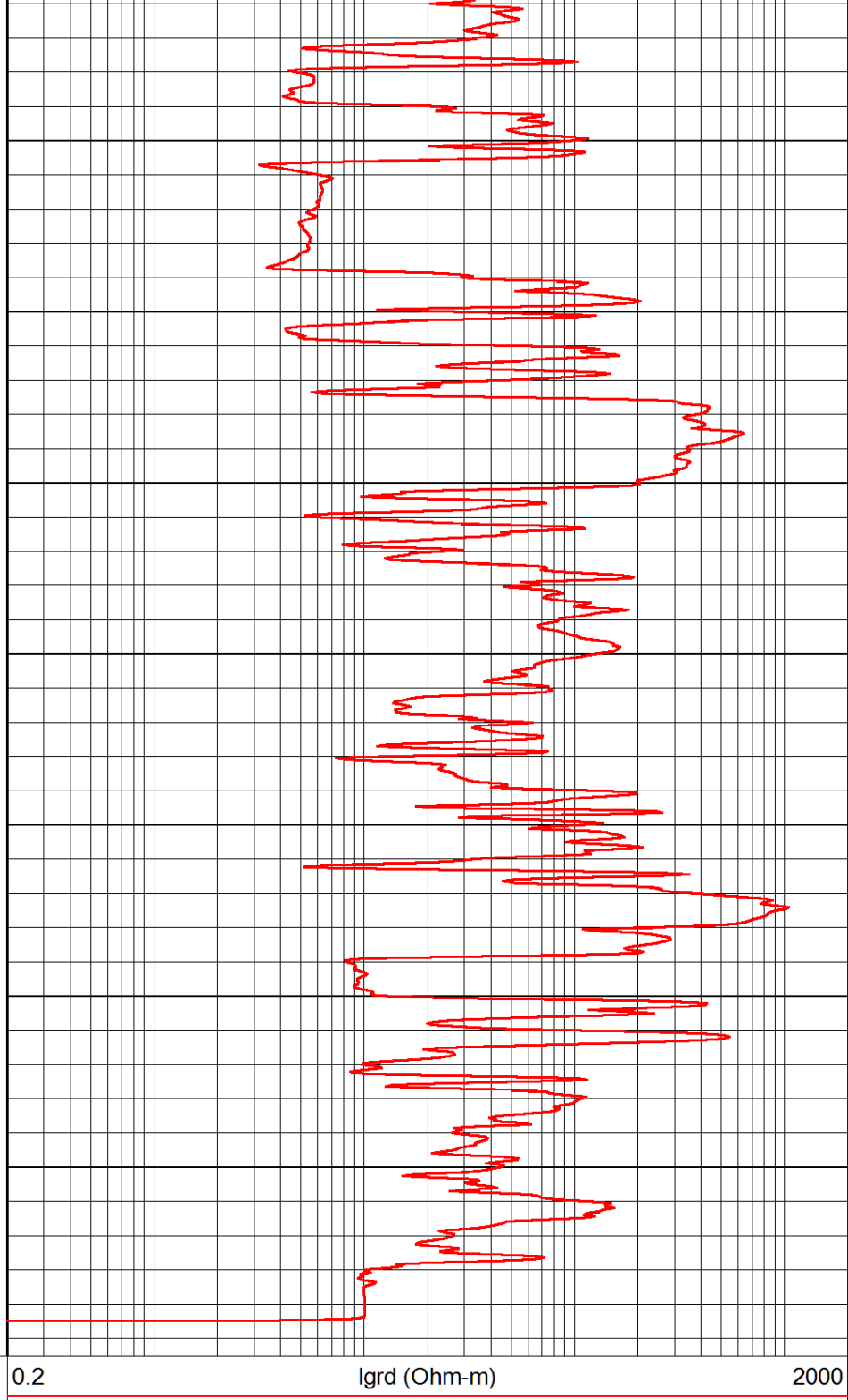
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3000





3050
3100
3150
3200
3250
3300
3350
3400



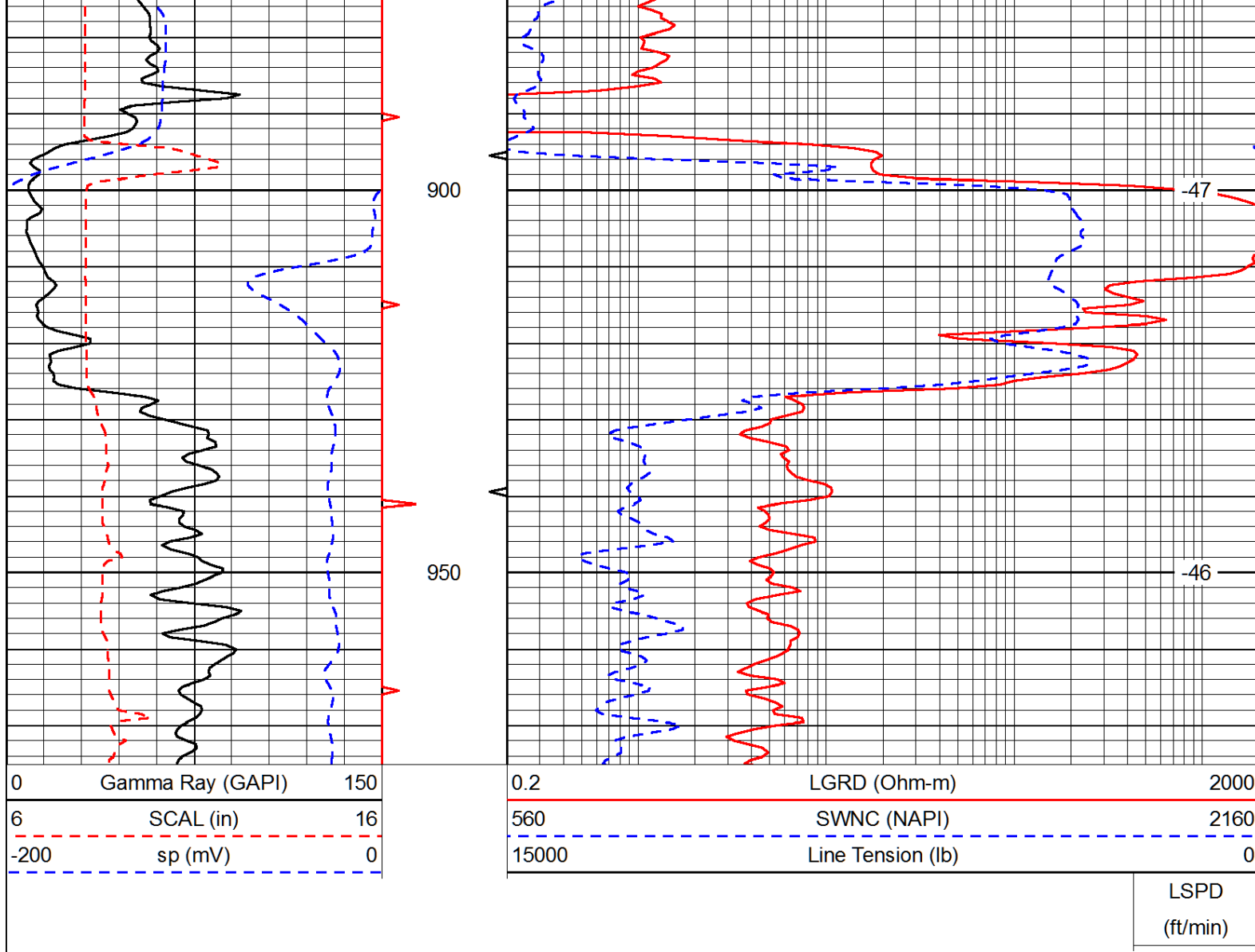
0.2 Lgrd (Ohm-m) 2000

Database File: craig_schmidt_8hd.db
 Dataset Pathname: RAG/craigrag
 Presentation Format: rag
 Dataset Creation: Wed Feb 12 21:50:53 2014
 Charted by: Depth in Feet scaled 1:240

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

0.2	LGRD (Ohm-m)	2000
560	SWNC (NAPI)	2160
15000	Line Tension (lb)	0

LSPD
(ft/min)



Database File: craig_schmidt_8hd.db
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