



Pioneer Energy Services

Radiation Guard Log

API No.	Company Berexco, LLC			
	Well Lillie # 3-26			
	Field East Fork			
	County Rawlins	State	Kansas	
	Location 330' FNL & 1,880' FWL	Other Services MEL		
	Sec: 26	Twp: 1S	Rge: 36W	Elevation
	Permanent Datum Ground Level			K.B. 3307
	Log Measured From Kelly Bushing			D.F. 3294
	Drilling Measured From Kelly Bushing			G.L. 3294
Date	7/12/2014			
Run Number	One			
Depth Driller	4580			
Depth Logger	4580			
Bottom Logged Interval	4579			
Top Log Interval	300			
Casing Driller	8.625 @ 310			
Casing Logger	306			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity, ppm CL	700			
Density / Viscosity	9.0 62			
pH / Fluid Loss	11.0 6.0			
Source of Sample	Flowline			
Rm @ Meas. Temp	.75 @ 82			
Rmf @ Meas. Temp	.56 @ 82			
Rmc @ Meas. Temp	1.01 @ 82			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.50 @ 122			
Operating Rig Time	3 1/2 Hours			
Max Rec. Temp. F	122			
Equipment Number	108			
Location	Hays			
Recorded By	J. Long			
Witnessed By	Pete Vollmer			

<<< Fold Here >>>

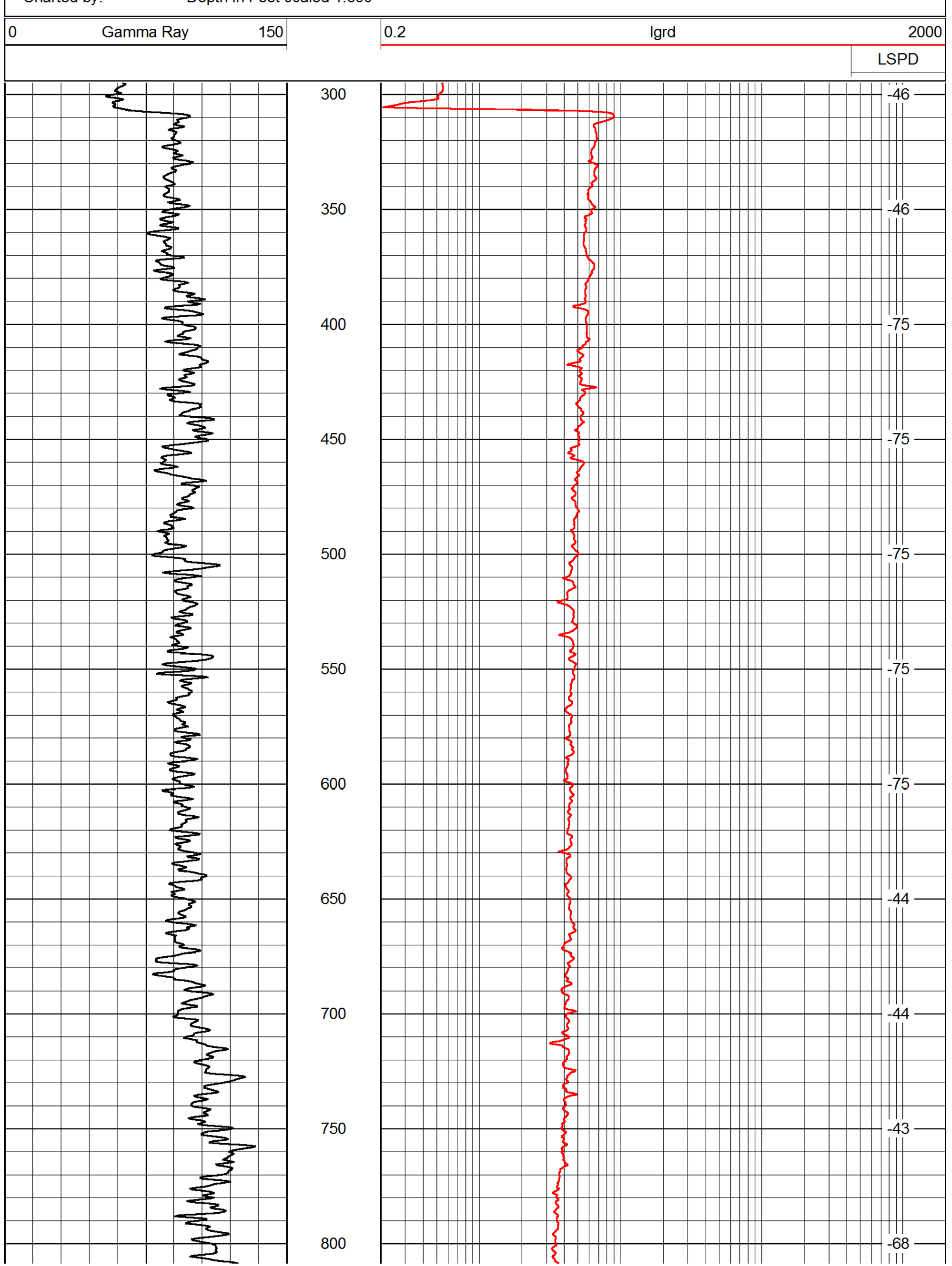
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

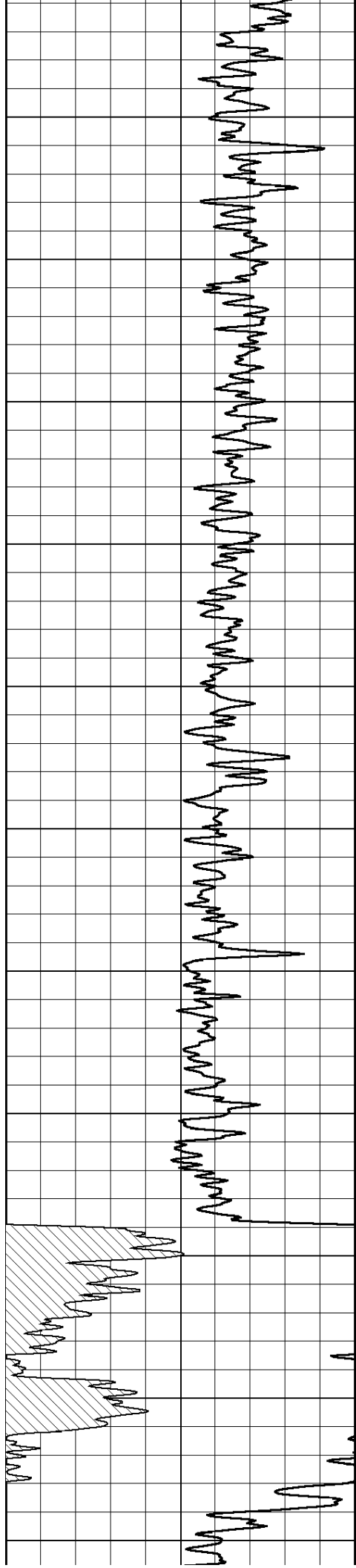
Comments

Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858

Beardsley, North to AA Road, West to 5.5 Road, 1/8 West, South Into

Database File: c:\warrior\data\berexco_lillie # 3-26\berexco_lillie_3-26hd.db
Dataset Pathname: rag/berrag
Presentation Format: rag2in
Dataset Creation: Sat Jul 12 10:51:52 2014
Charted by: Depth in Feet scaled 1:600





850

900

950

1000

1050

1100

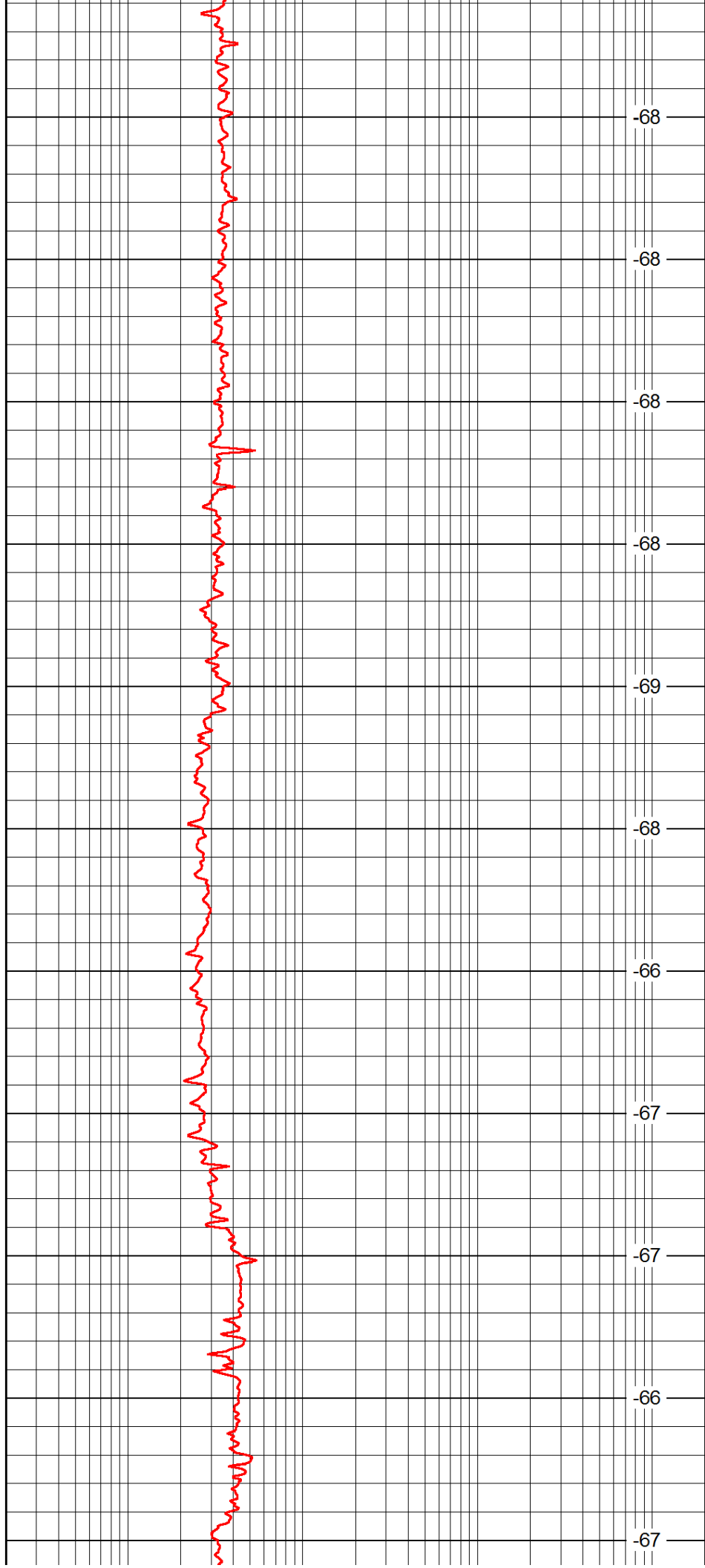
1150

1200

1250

1300

1350



-68

-68

-68

-68

-69

-68

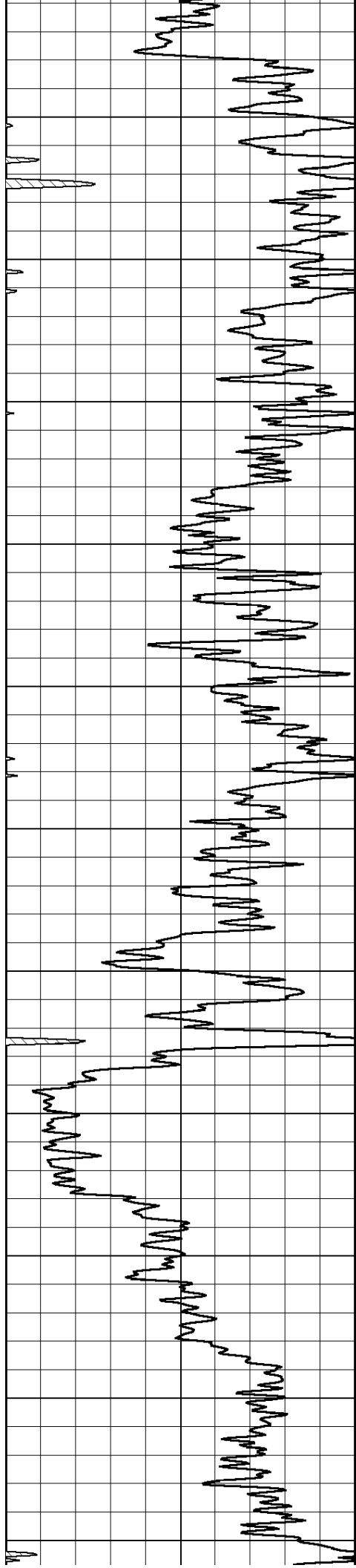
-66

-67

-67

-66

-67



1400

1450

1500

1550

1600

1650

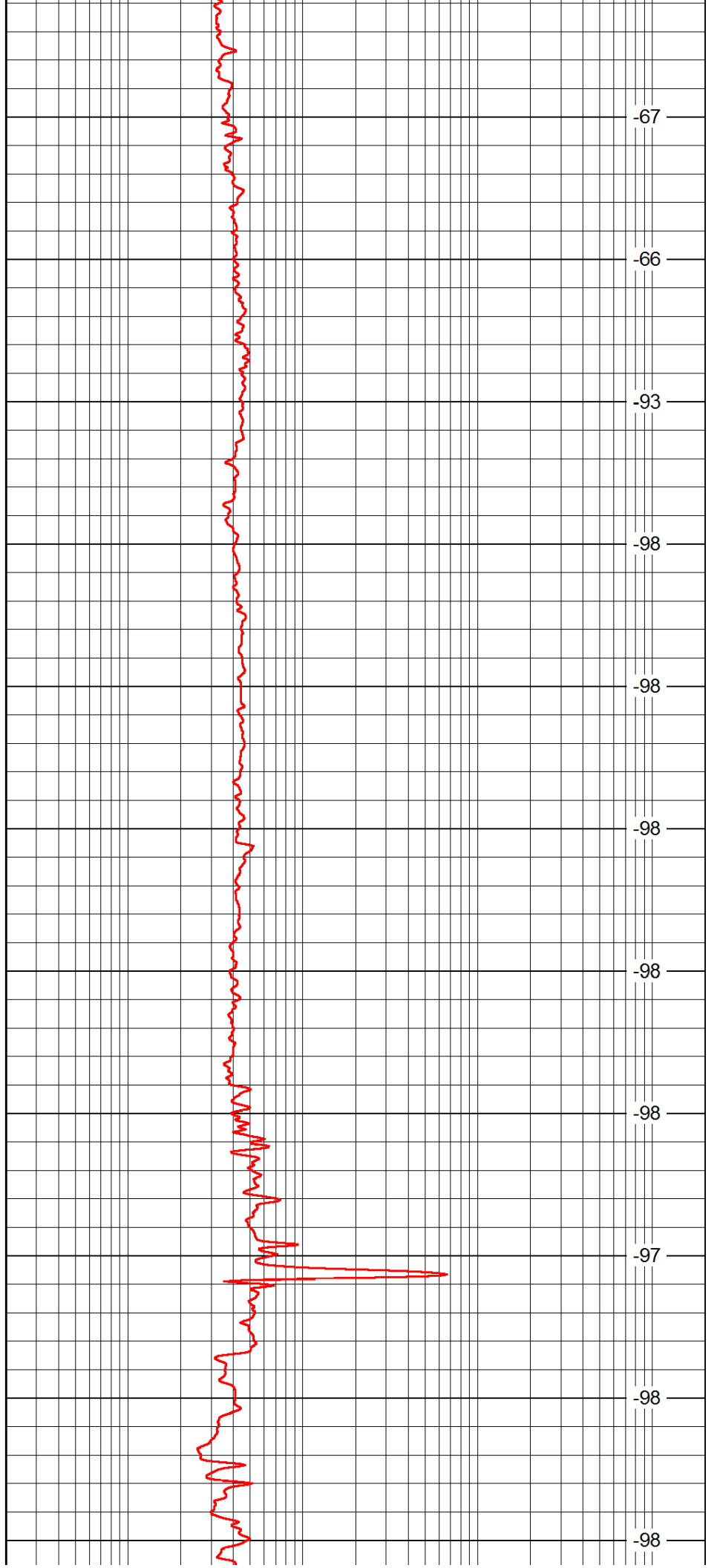
1700

1750

1800

1850

1900



-67

-66

-93

-98

-98

-98

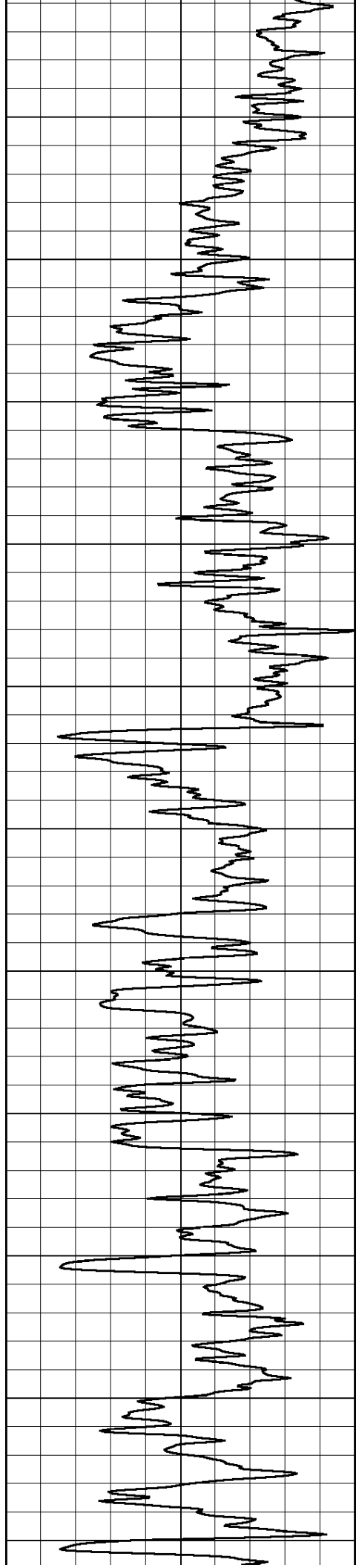
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-98

-97

-98

-98



1950

2000

2050

2100

2150

2200

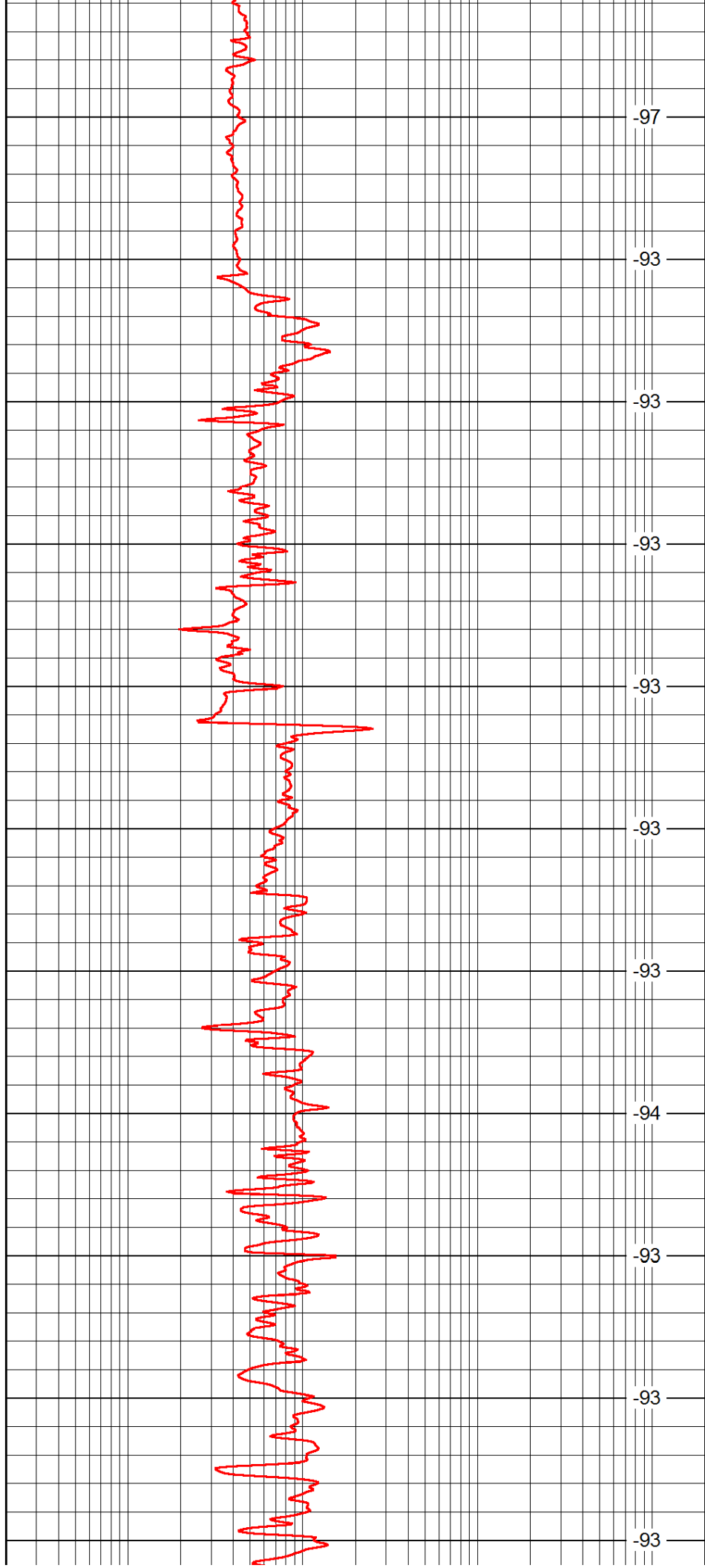
2250

2300

2350

2400

2450



-97

-93

-93

-93

-93

-93

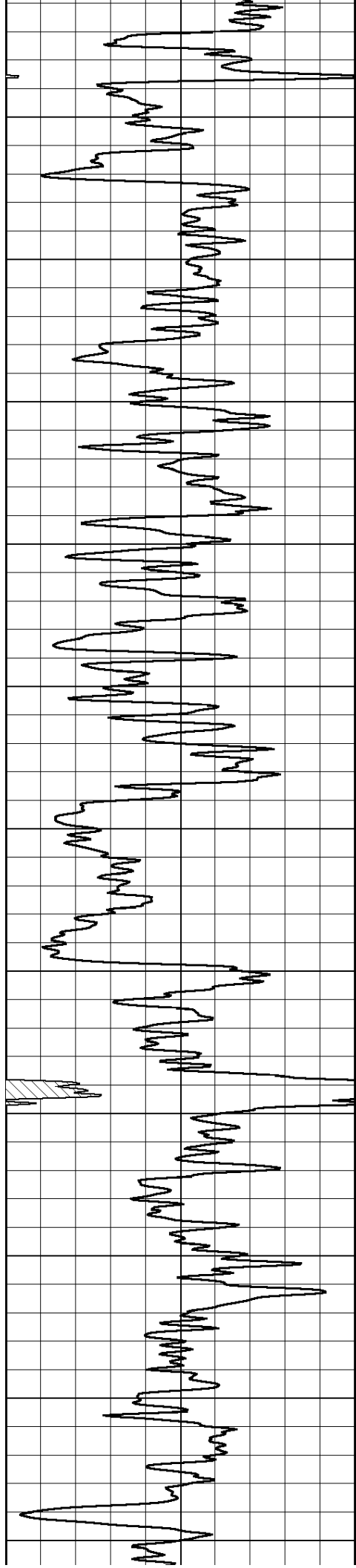
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-94

-93

-93

-93



2500

2550

2600

2650

2700

2750

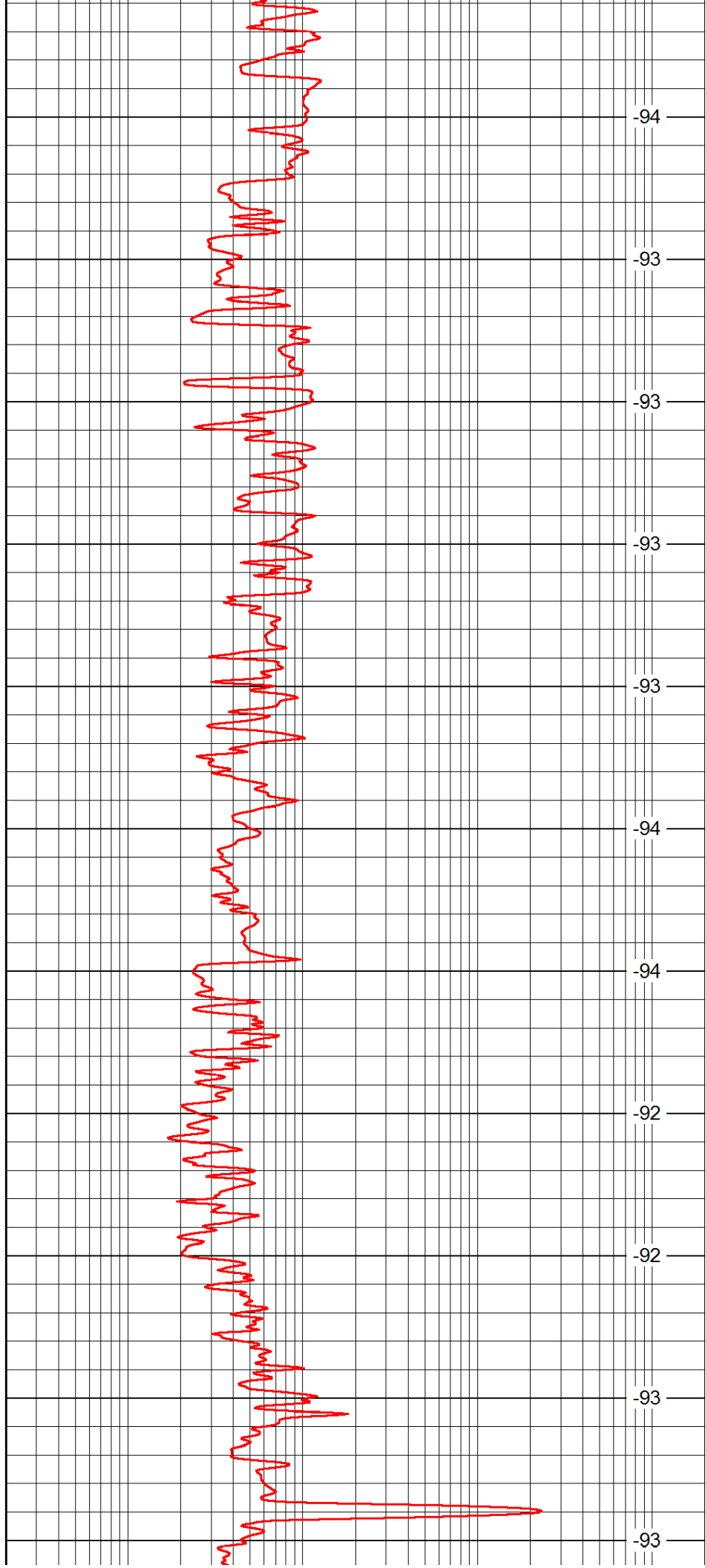
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2850

2900

2950

3000



-94

-93

-93

-93

-93

-94

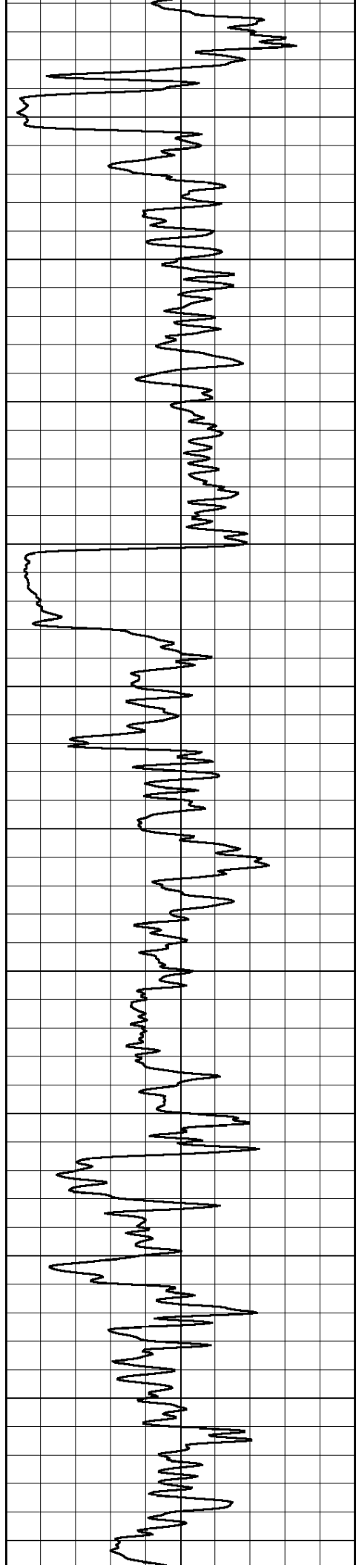
-94

-92

-92

-93

-93



3050

3100

3150

3200

3250

3300

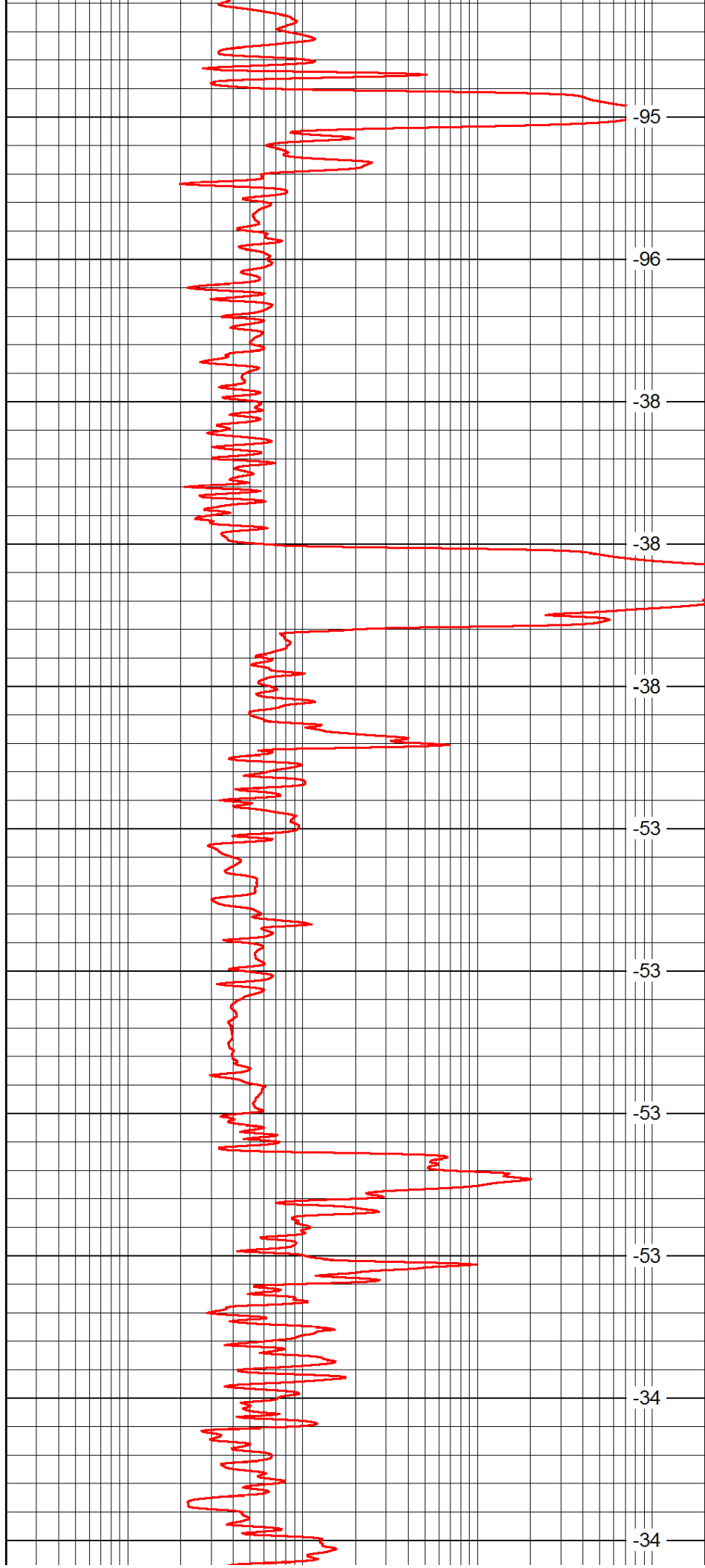
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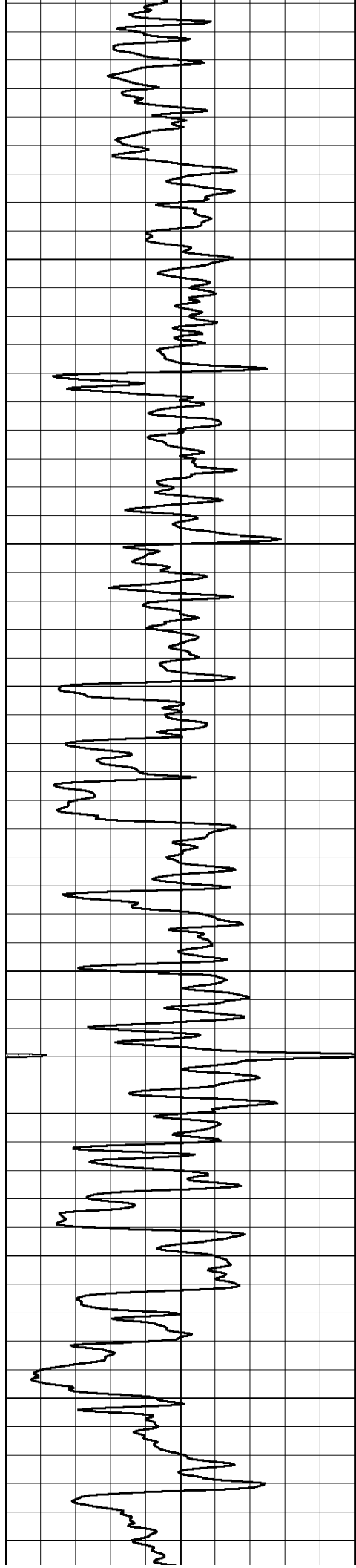
3400

3450

3500

3550





3600

3650

3700

3750

3800

3850

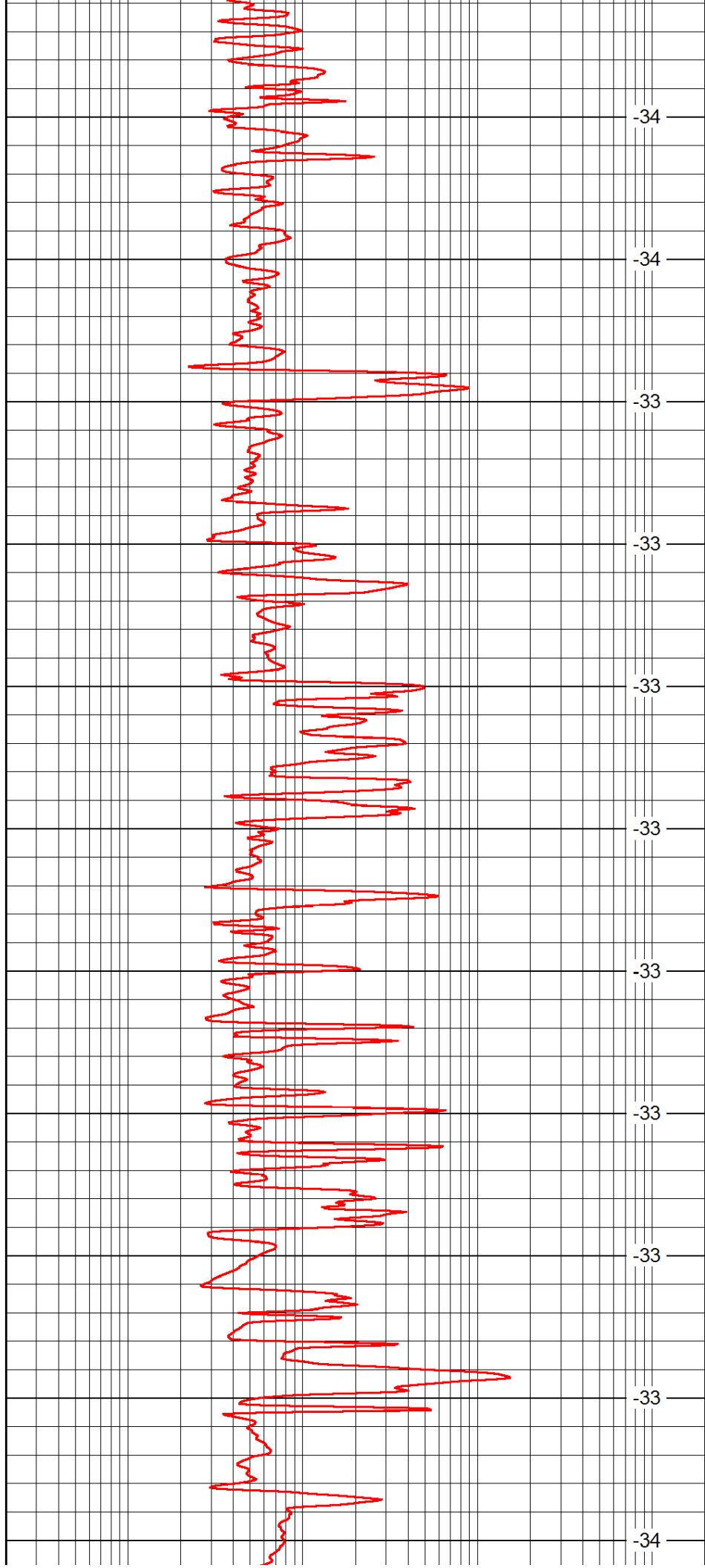
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3950

4000

4050

4100



-34

-34

-33

-33

-33

-33

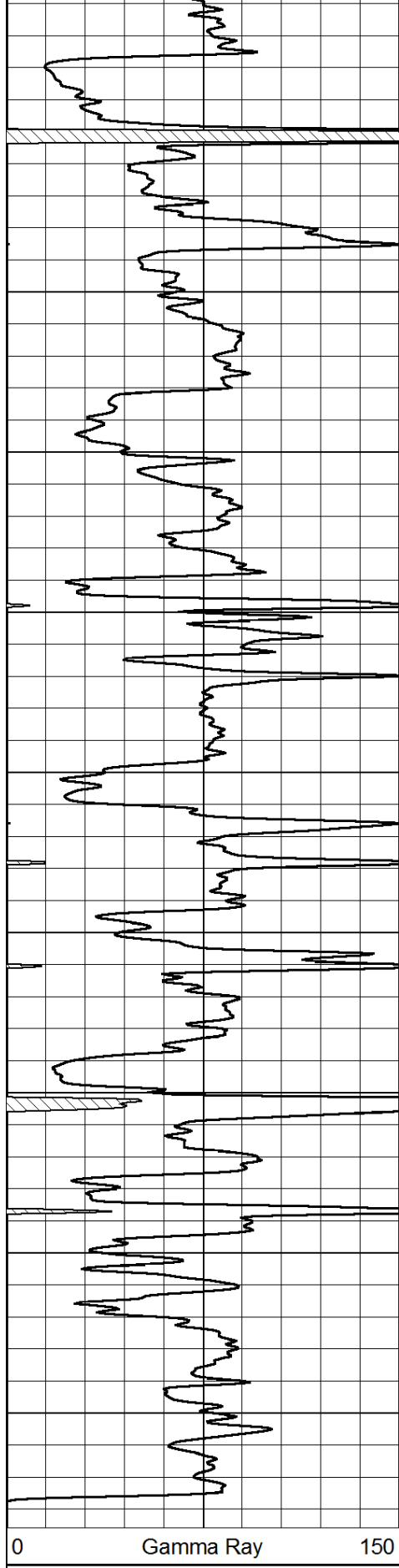
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-33

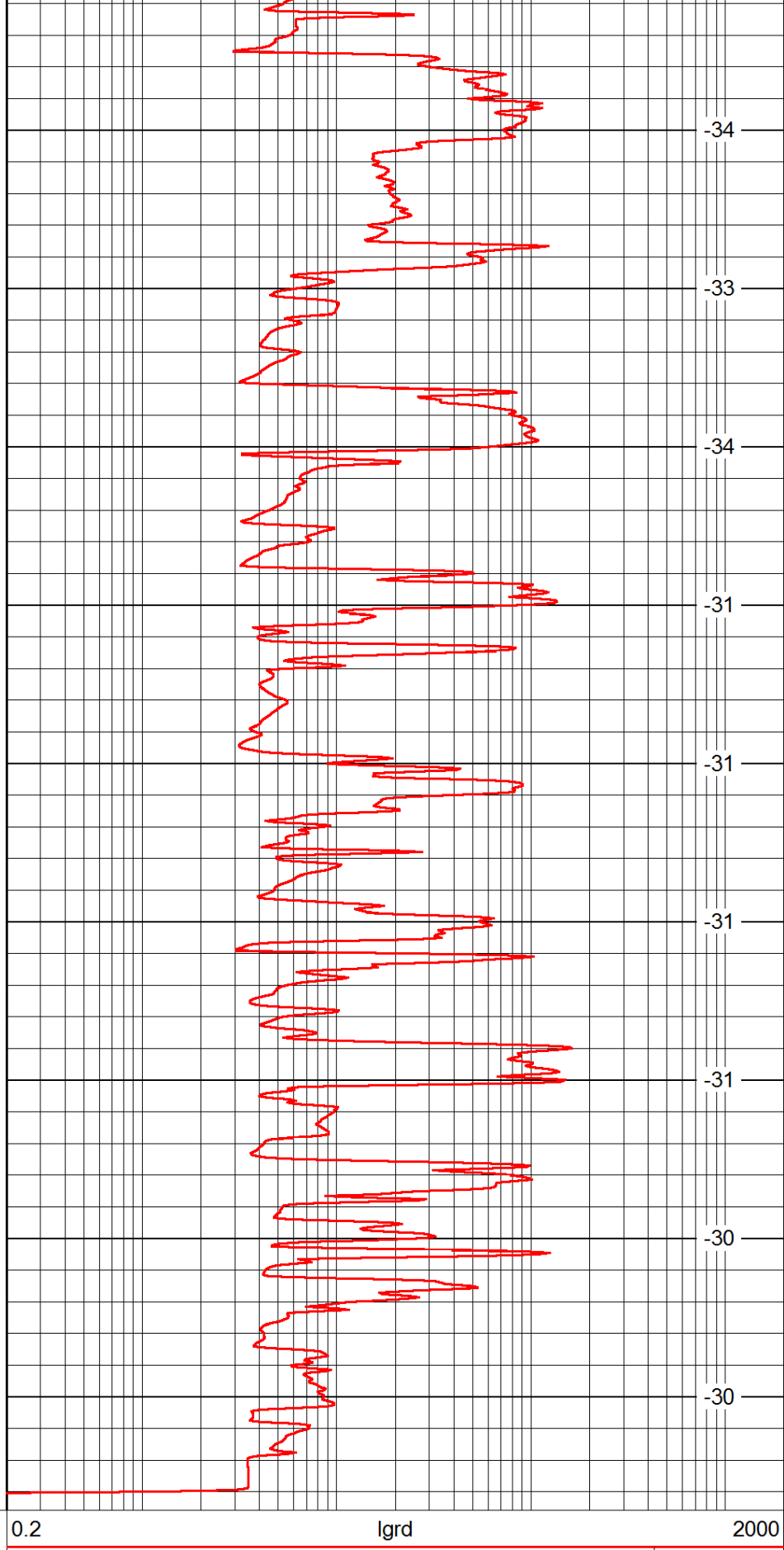
-33

-33

-34



4150
4200
4250
4300
4350
4400
4450
4500
4550



0.2

lgrd

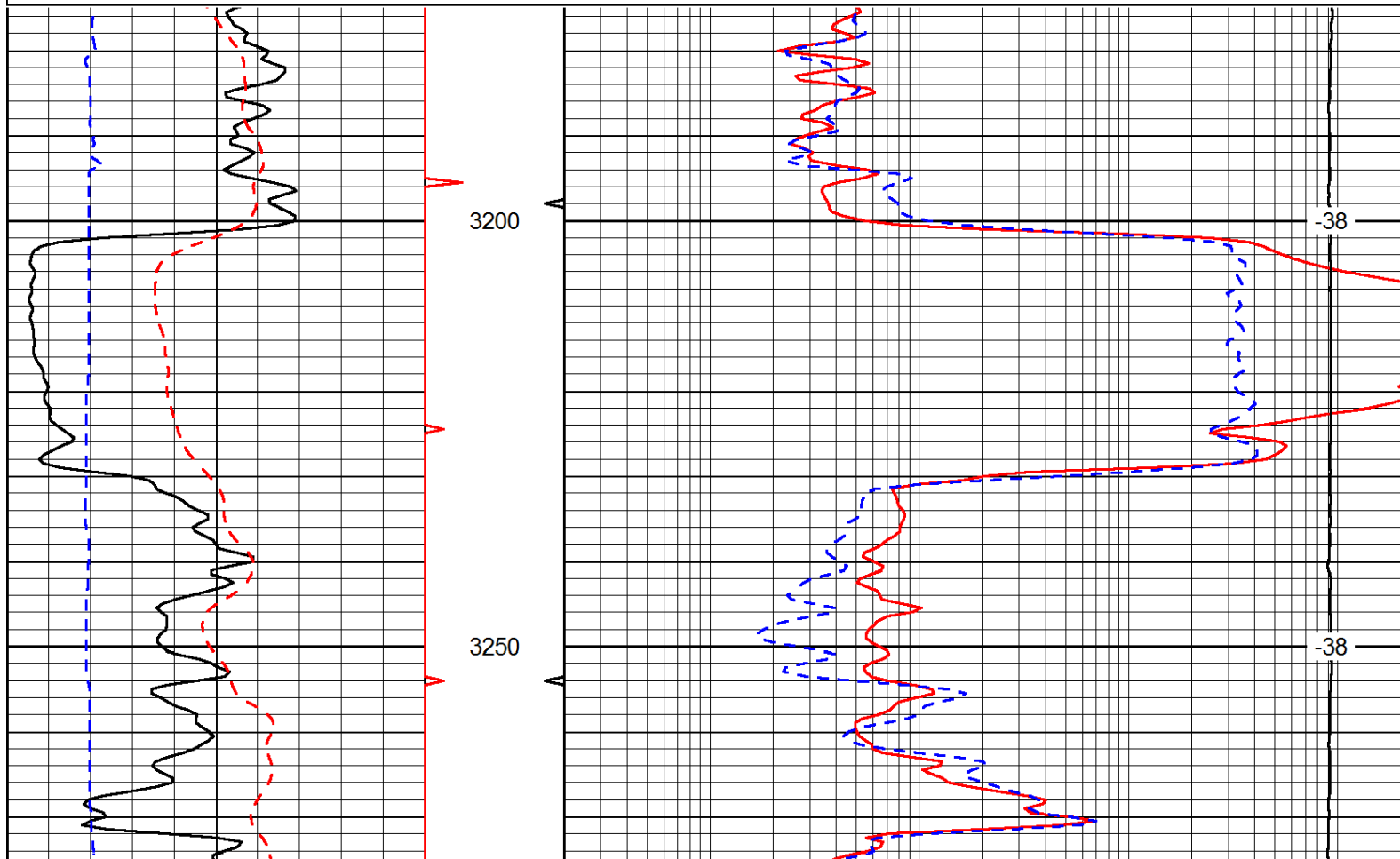
2000

LSPD

Database File: c:\warrior\data\berexco_lillie # 3-26\berexco_lillie_3-26hd.db
Dataset Pathname: rag/berrag
Presentation Format: rag
Dataset Creation: Sat Jul 12 10:51:52 2014

Dataset Creation: Sat Jul 12 10:51:52 2014
Charted by: Depth in Feet scaled 1:240

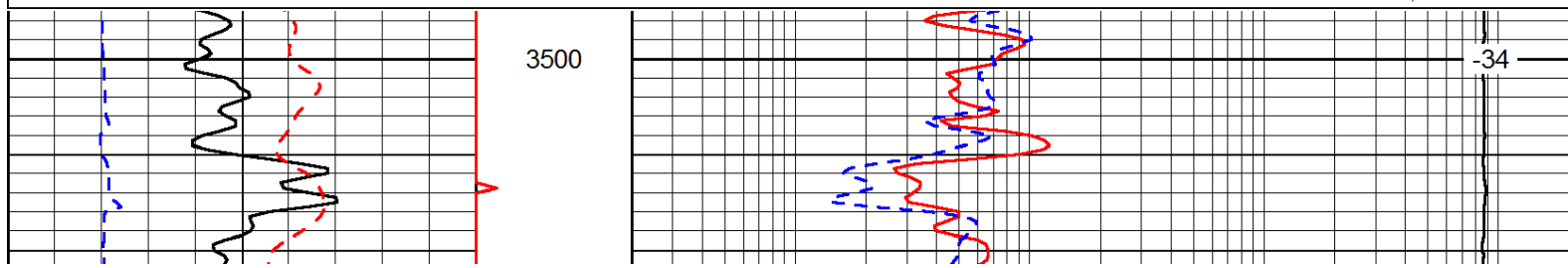
0	Gamma Ray	150	0.2	Long Guard	2000
6	Caliper (GAPI)	16	560	Neutron	2160
-200	SP (mV)	0	15000	Line Tension	0
					LSPD

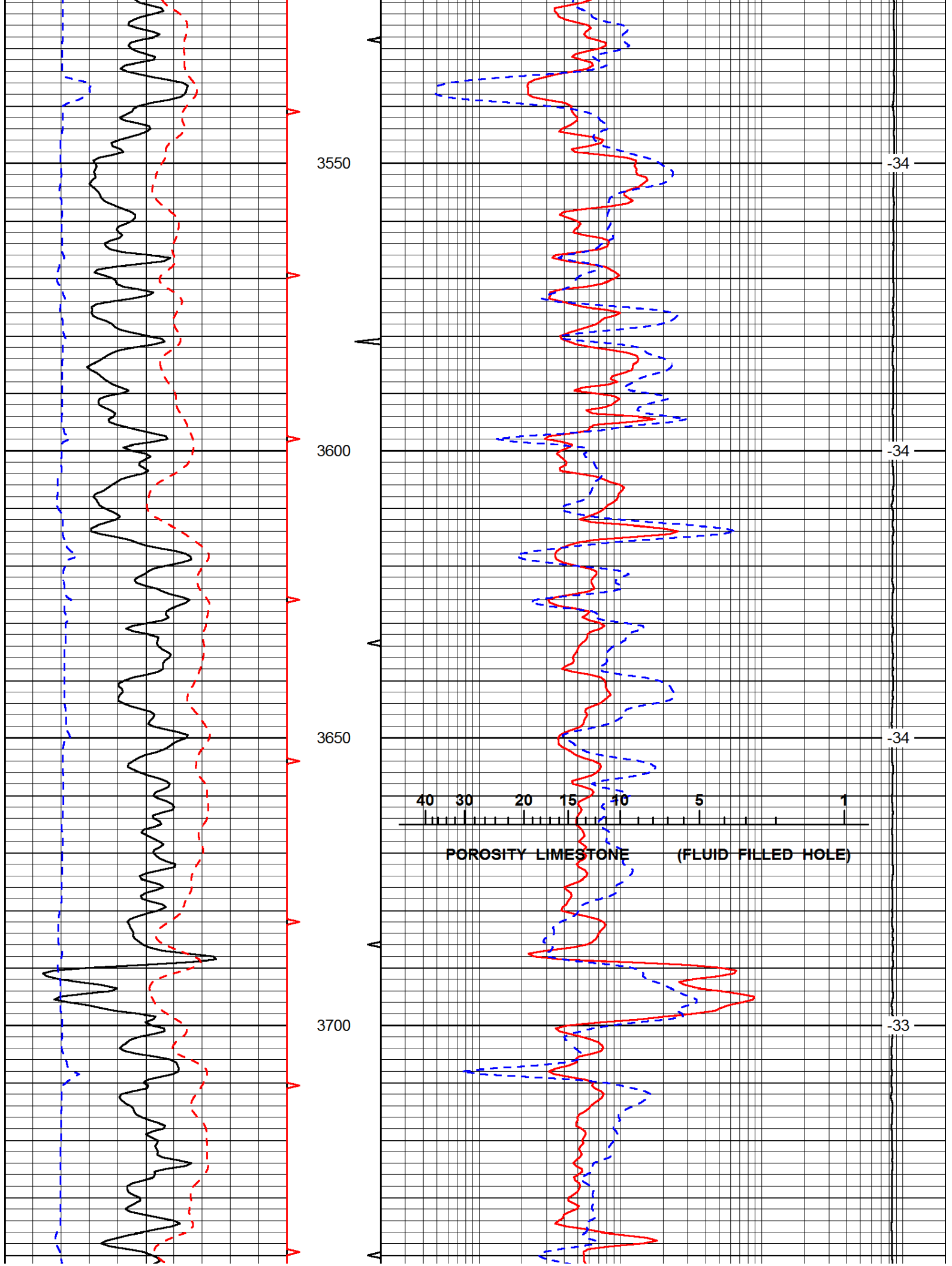


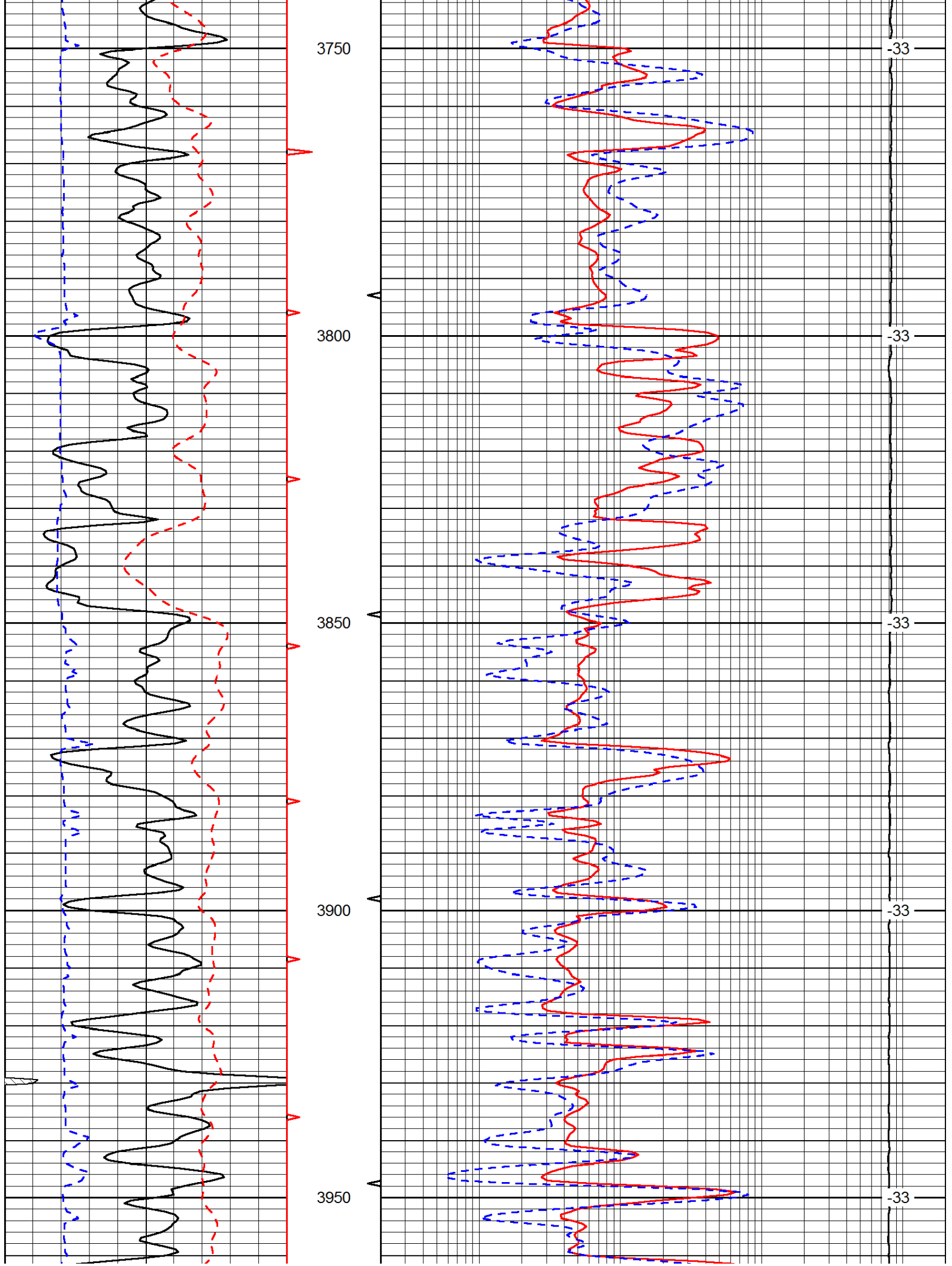
0	Gamma Ray	150	0.2	Long Guard	2000
6	Caliper (GAPI)	16	560	Neutron	2160
-200	SP (mV)	0	15000	Line Tension	0
					LSPD

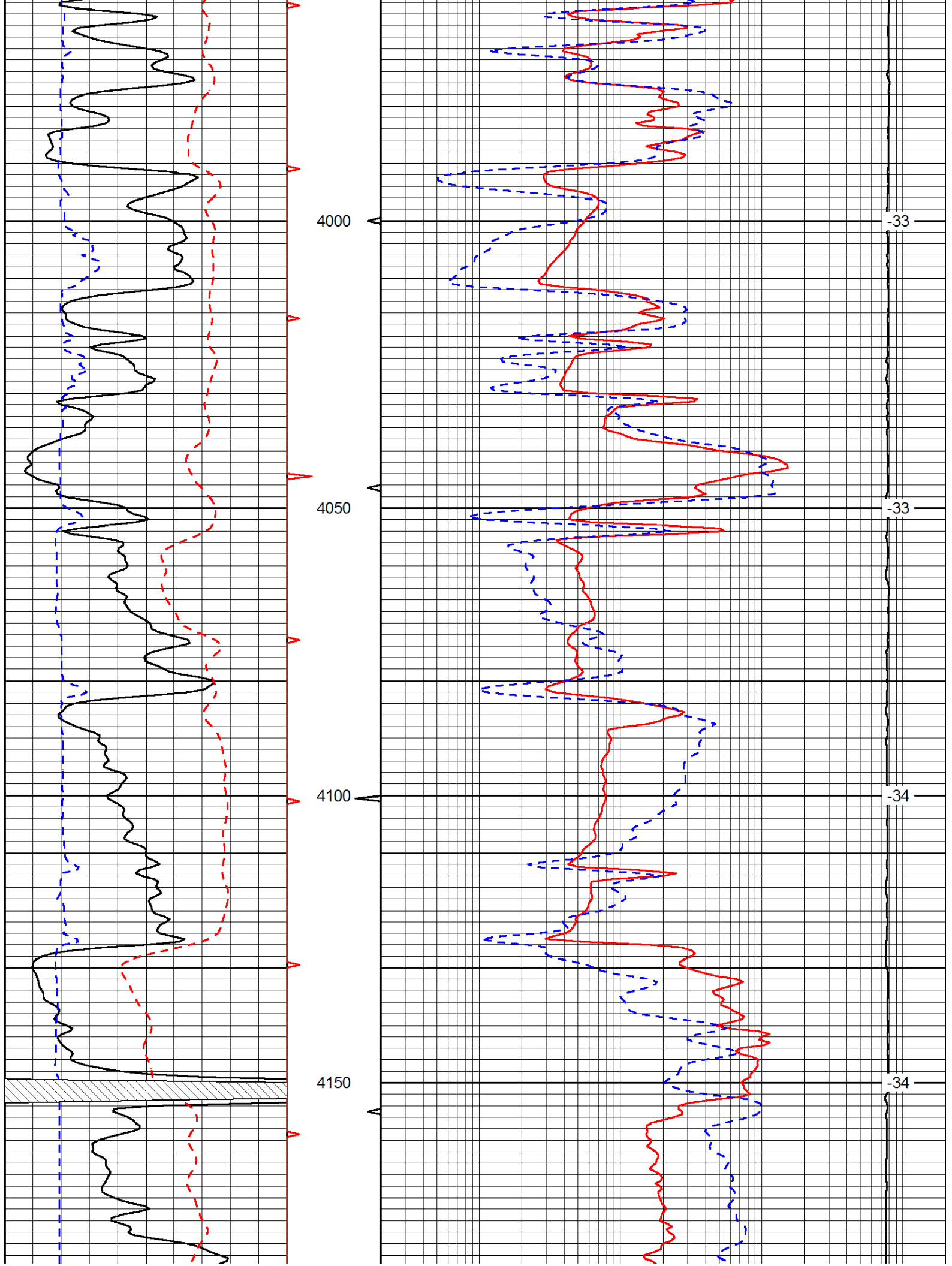
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Dataset Pathname: rag/berrag
Presentation Format: rag
Dataset Creation: Sat Jul 12 10:51:52 2014
Charted by: Depth in Feet scaled 1:240

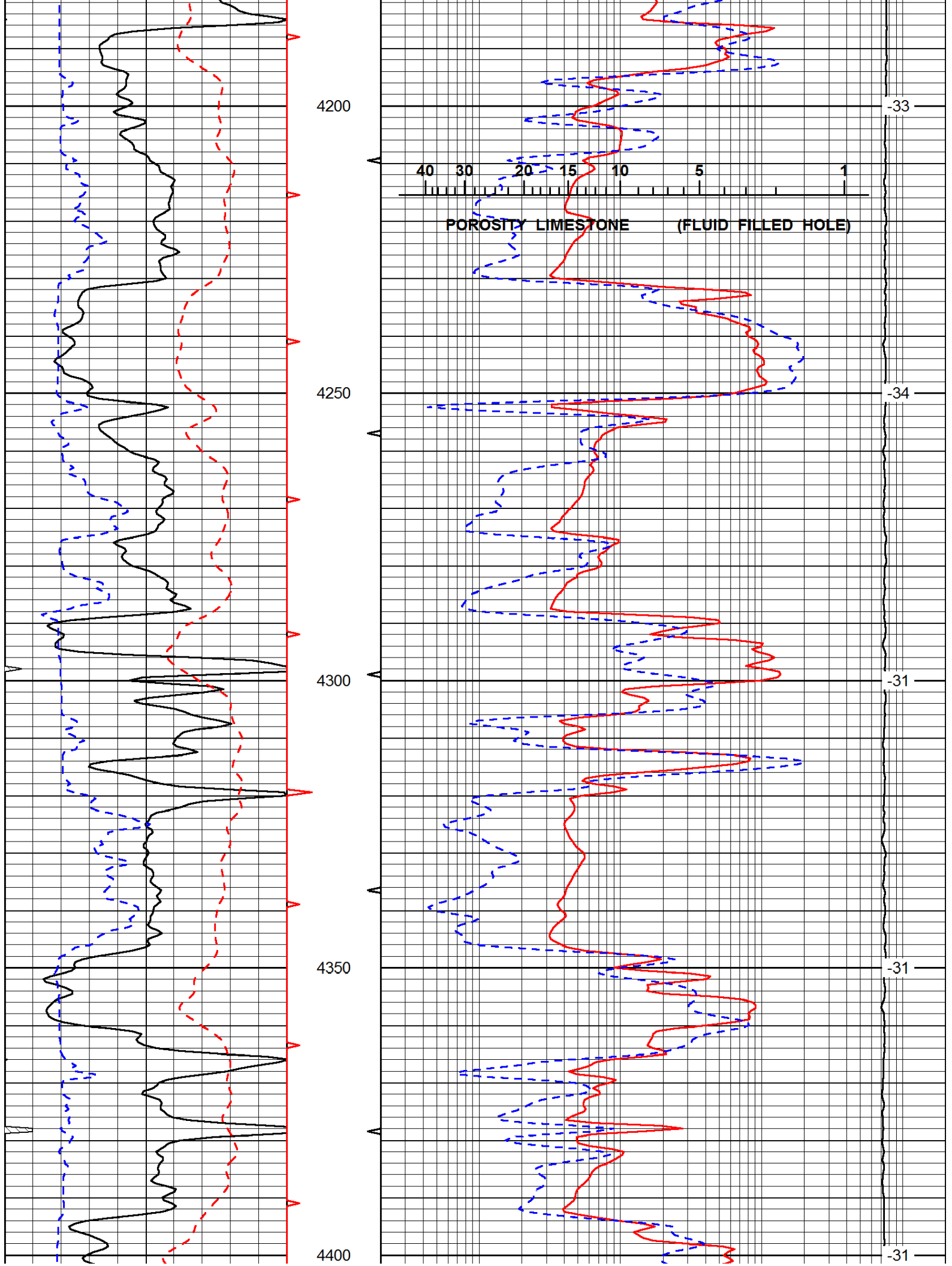
0	Gamma Ray	150	0.2	Long Guard	2000
6	Caliper (GAPI)	16	560	Neutron	2160
-200	SP (mV)	0	15000	Line Tension	0
					LSPD

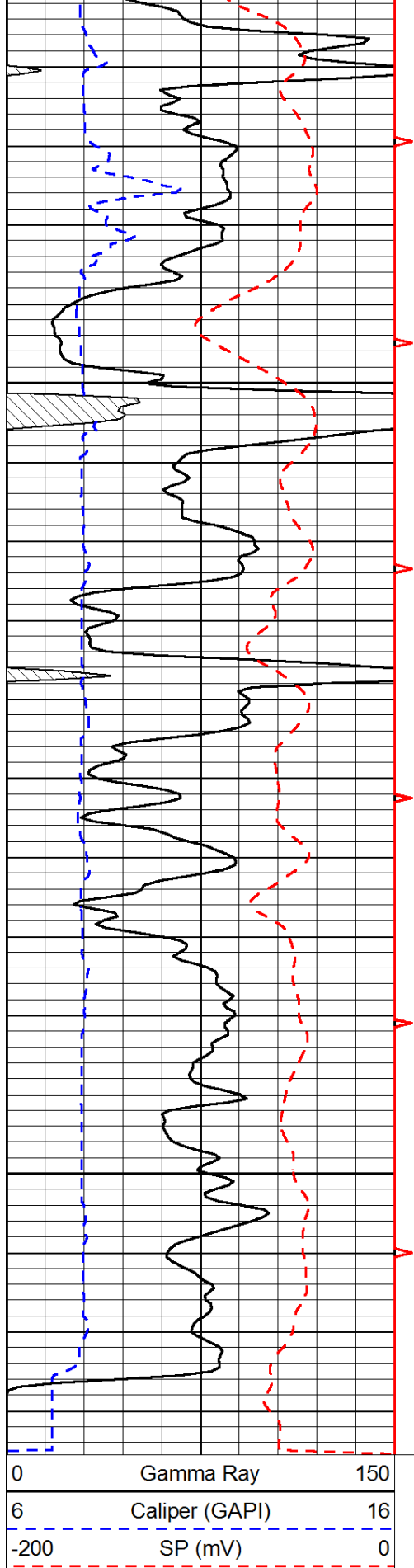




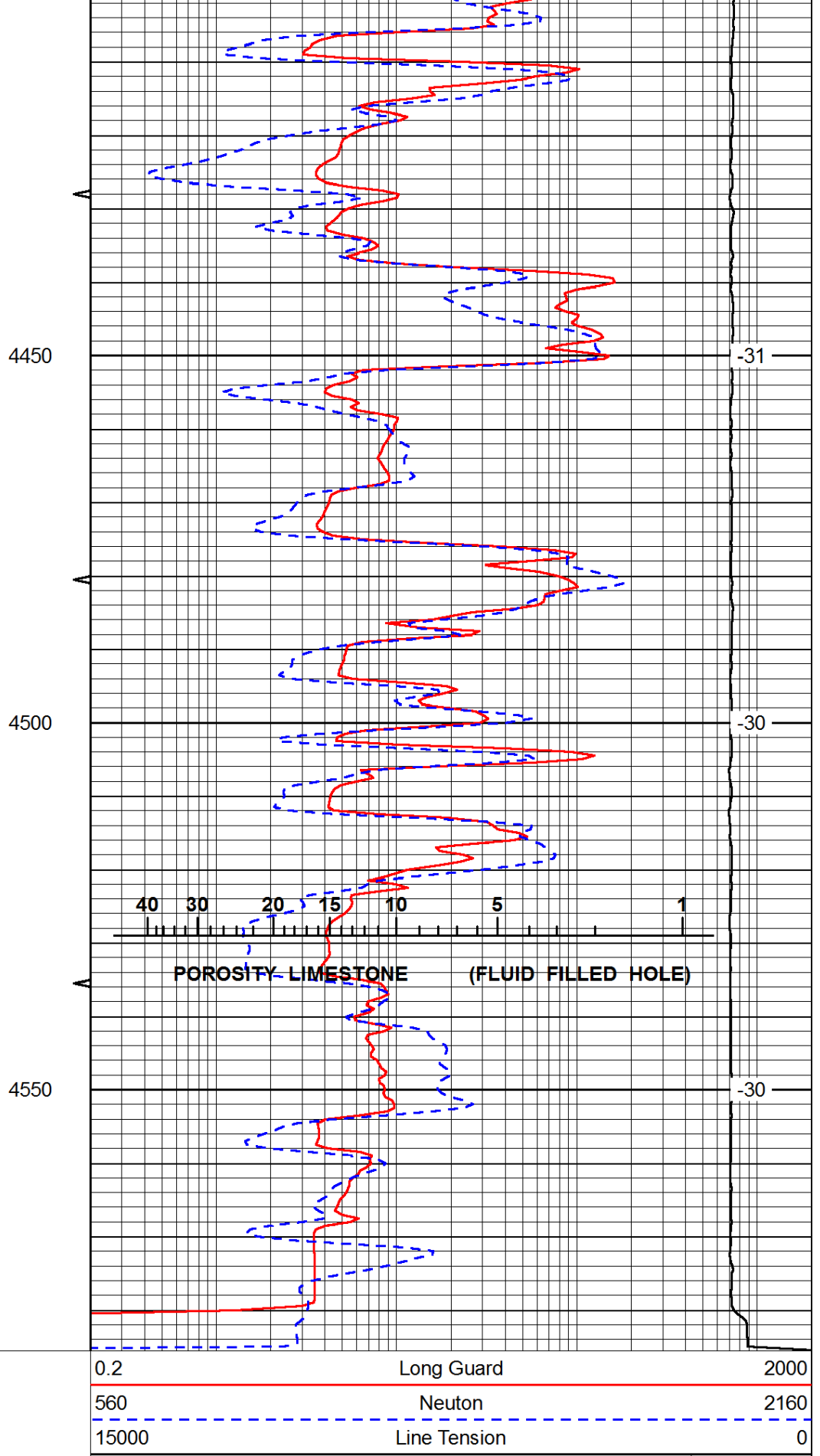








0	Gamma Ray	150
6	Caliper (GAPI)	16
-200	SP (mV)	0



40	30	20	15	10	5	1
POROSITY LIMESTONE (FLUID FILLED HOLE)						
0.2	Long Guard					2000
560	Neutron					2160
15000	Line Tension					0