



MICRO RESISTIVITY LOG

Company Castle Resources, Inc.

Well Wessler #4

Field Stoltenberg

County Ellsworth

State KS

Location:

API #: 15 053 21341

SEC 19 TWP 17S RGE 9W

1840' FSL & 335' FEL

Permanent Datum
Log Measured From
Drilling Measured From

Ground Level
KB 5' AGL
KB

Elevation

1771'

Other Services
CDNL
DIL
Elevation
K.B. 1776'
D.F. 1775'
G.L. 1771'

Date 12-22-15

Run Number Two

Depth Driller 3300'

Depth Logger 3300'

Bottom Logged Interval 3298'

Top Log Interval 2000'

Casing Driller 8 5/8" @ 261'

Casing Logger 261'

Bit Size 7 7/8"

Type Fluid in Hole Chemical

Density / Viscosity 9.2/49

pH / Fluid Loss 9.8/9.6

Source of Sample Pit

Rm @ Meas. Temp .9@60degf

Rmf @ Meas. Temp .68@60degf

Rmc @ Meas. Temp 1.08@60degf

Source of Rmf / Rmc Calculated

Rm @ BHT .47@114degf

Time Circulation Stopped 3:45 p.m.

Time Logger on Bottom 5:30 p.m.

Maximum Recorded Temperature 114degf

Equipment Number T127

Location Hays, KS

Recorded By Gus Pfannenstiel

Witnessed By Mr. Jerry Green

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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

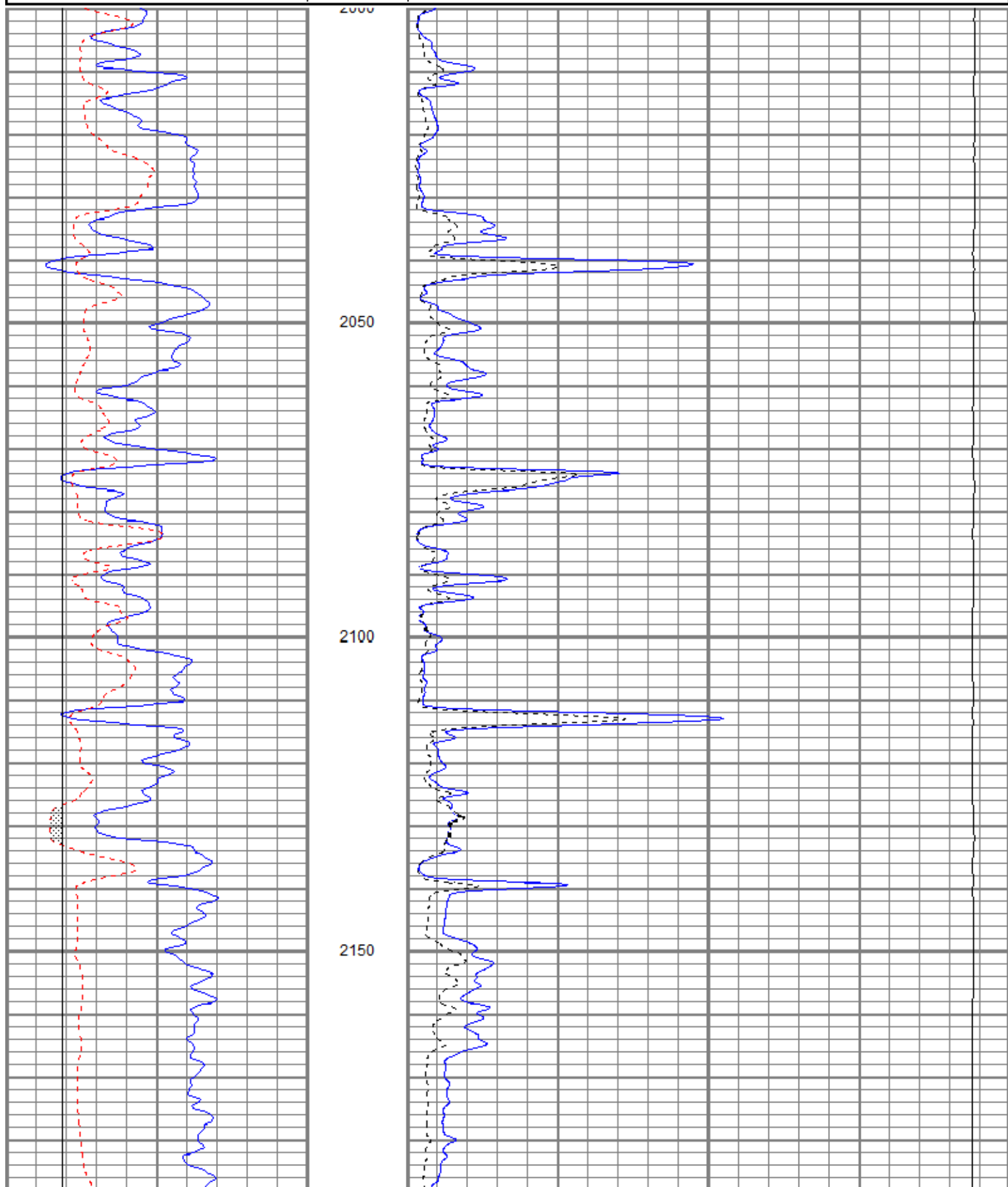


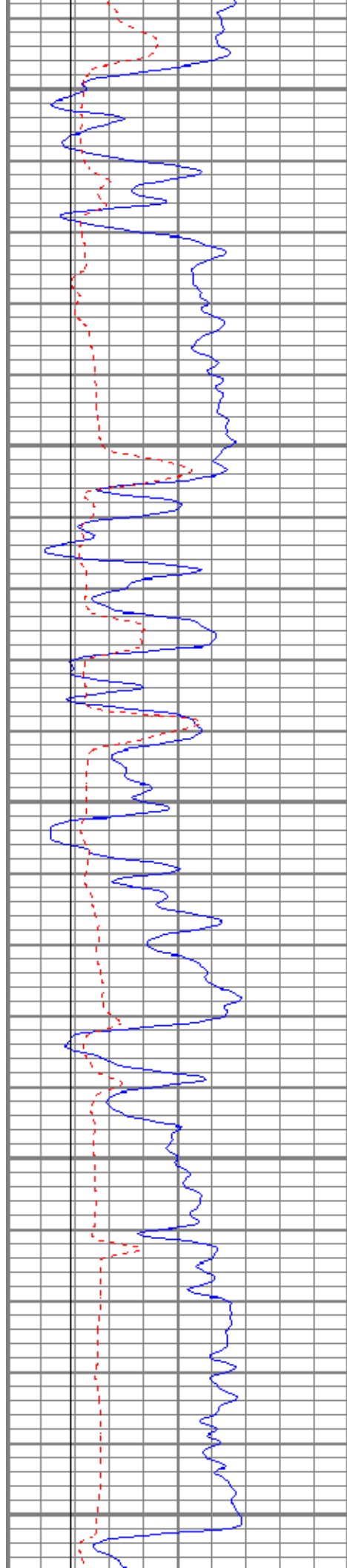
Main Pass

Database File crwessler#4oh.db
Dataset Pathname pass6
Presentation Format kml
Dataset Creation Tue Dec 22 19:09:43 2015
Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

0	MN 2" (Ohm-m)	40
0	MI 1" (Ohm-m)	40
10000	LTEN (lb)	0





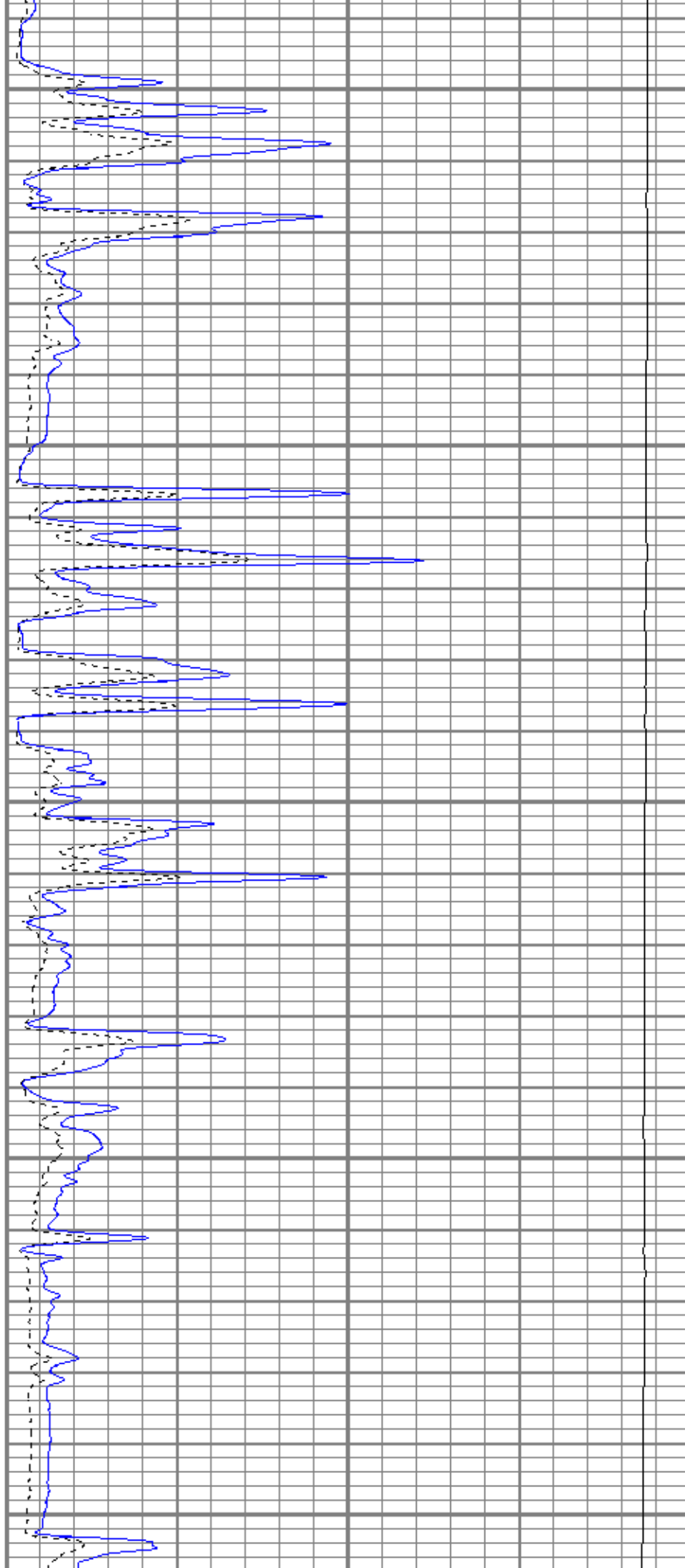
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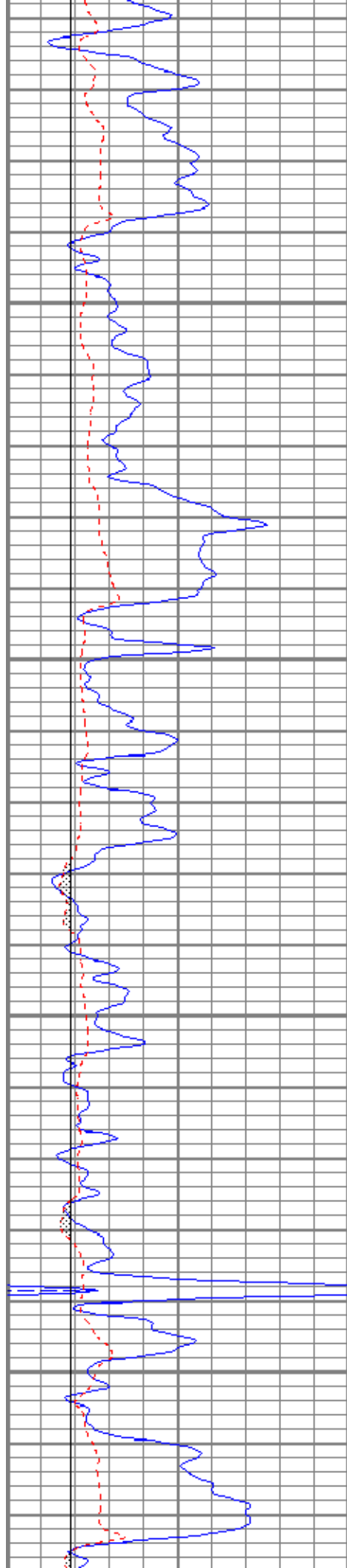
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2300

2350

2400



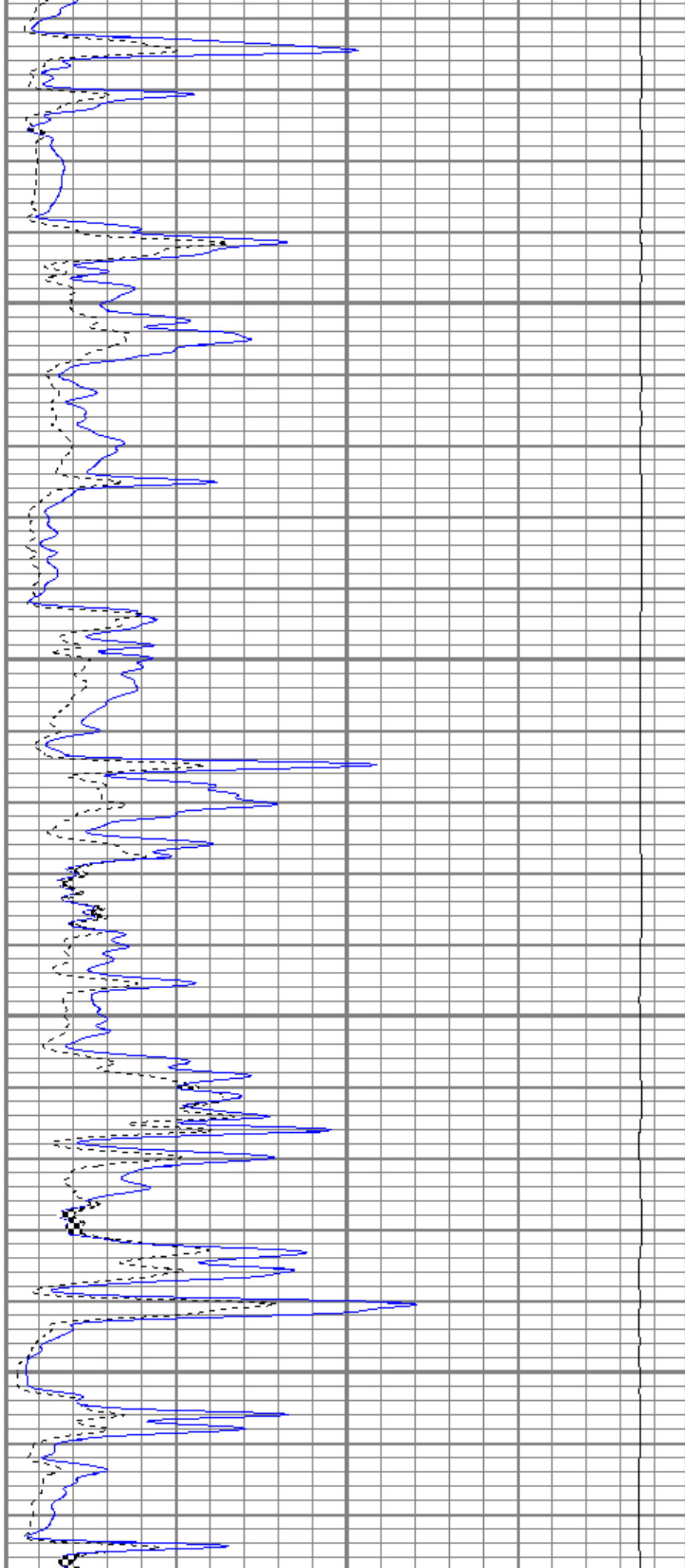


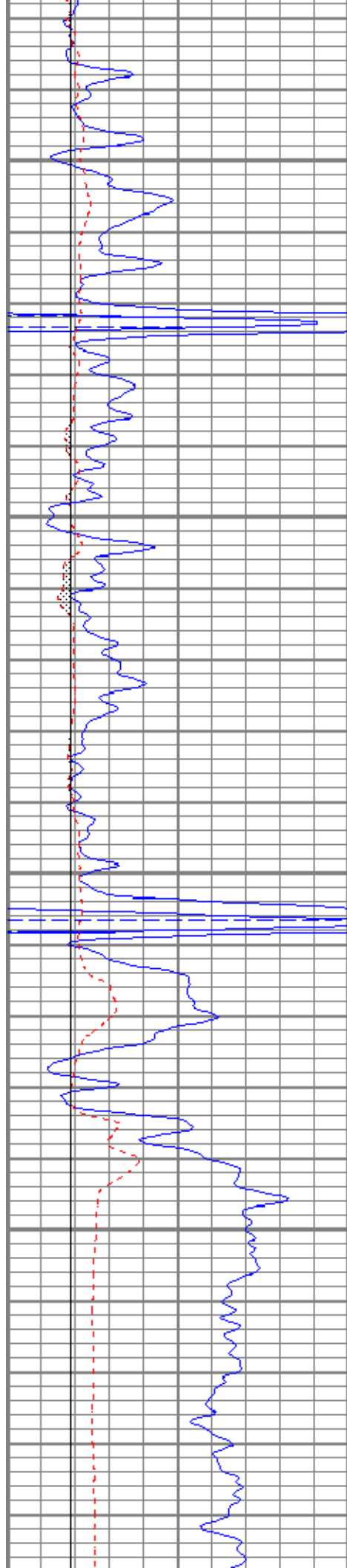
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2500

2550

2600



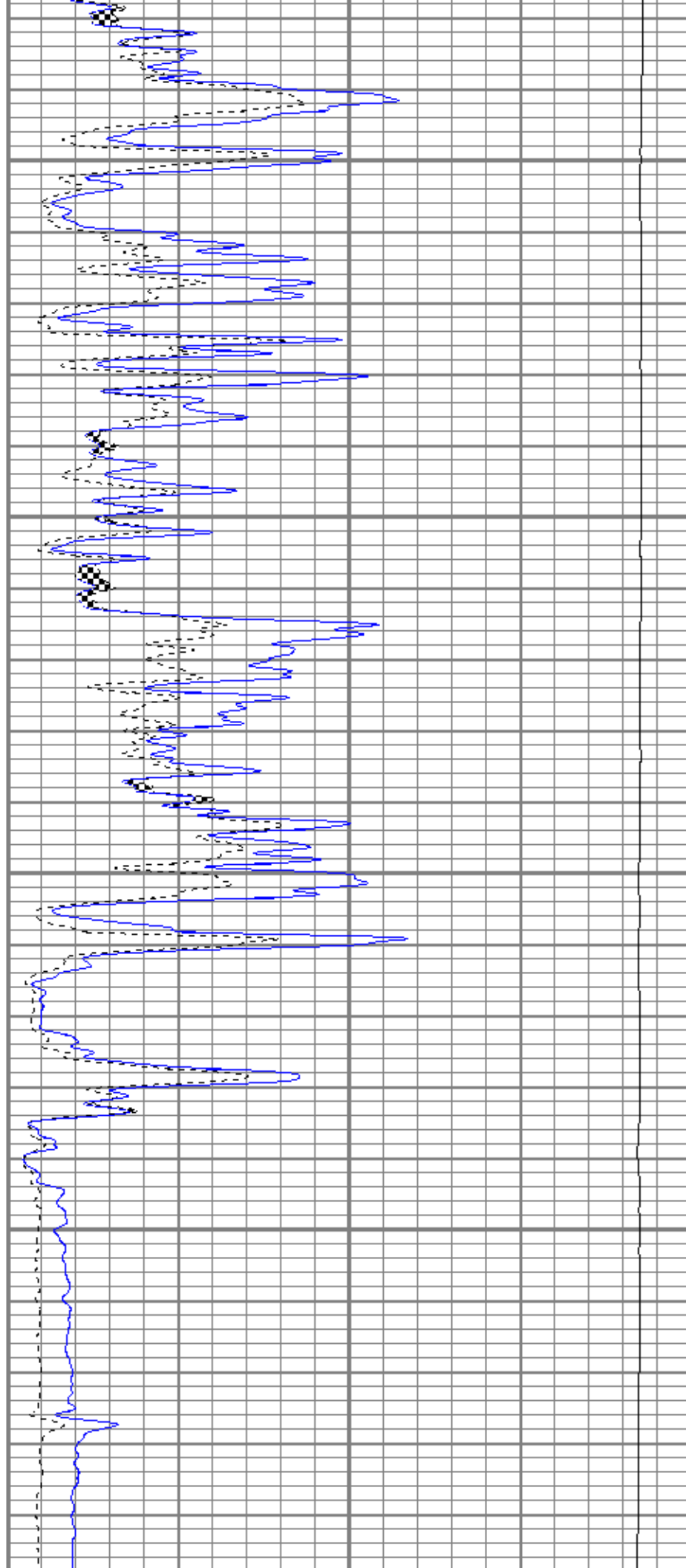


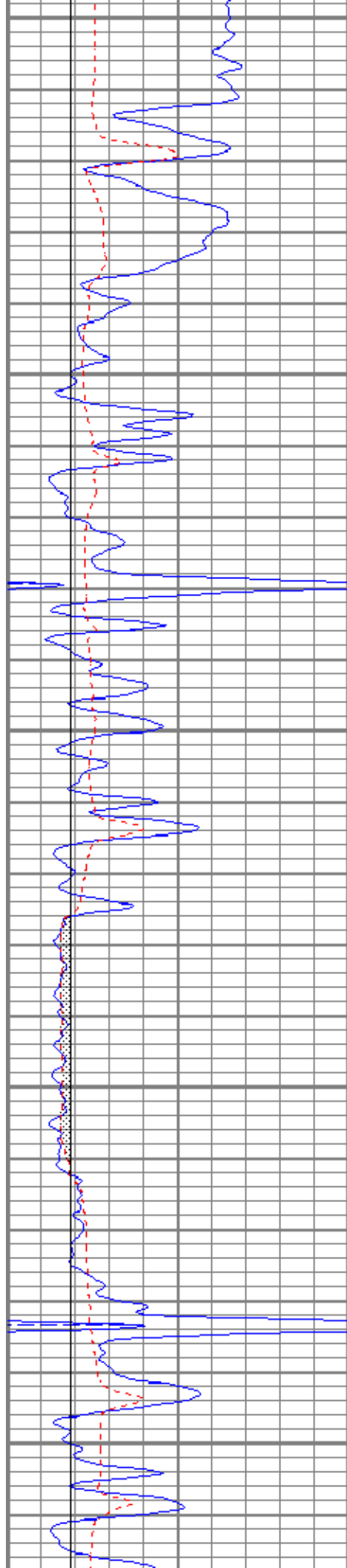
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2700

2750

2800





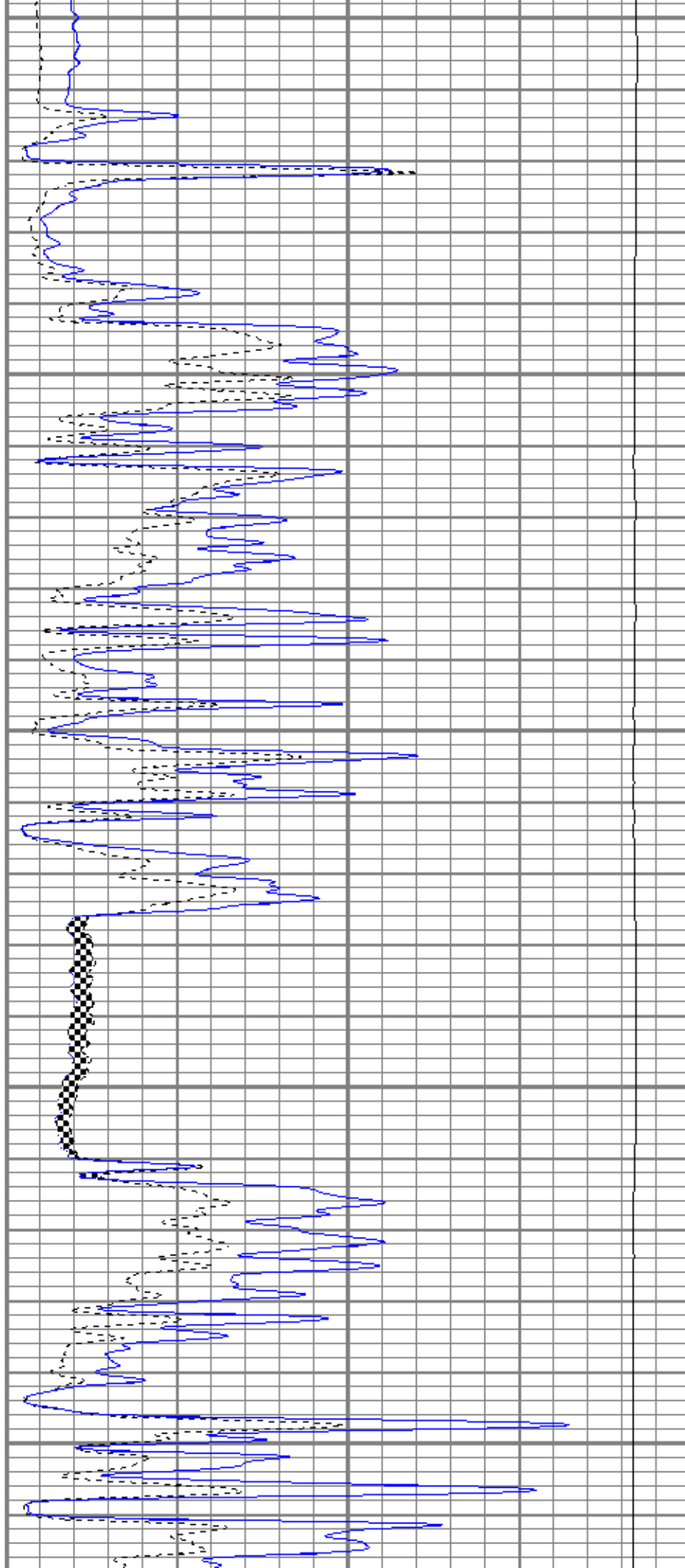
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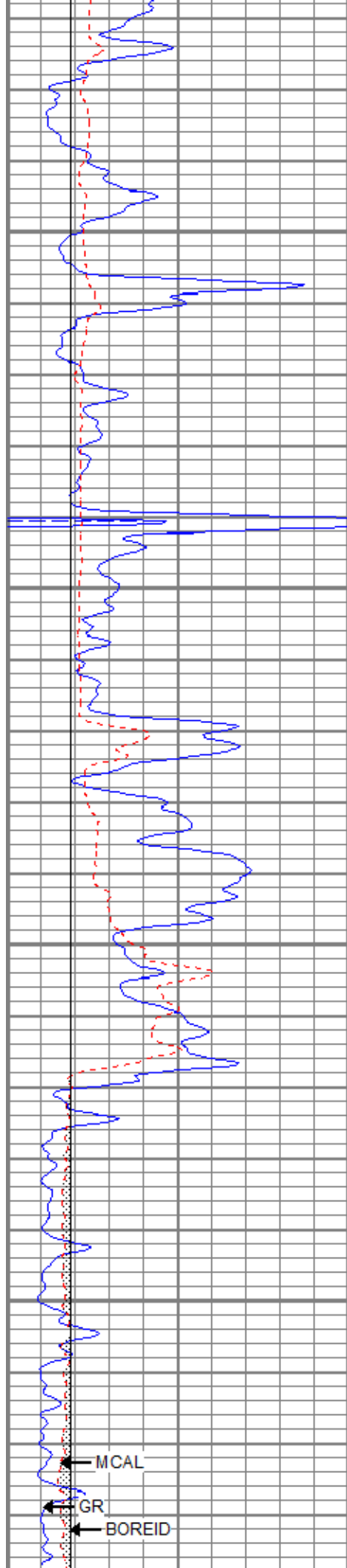
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2950

3000

3050



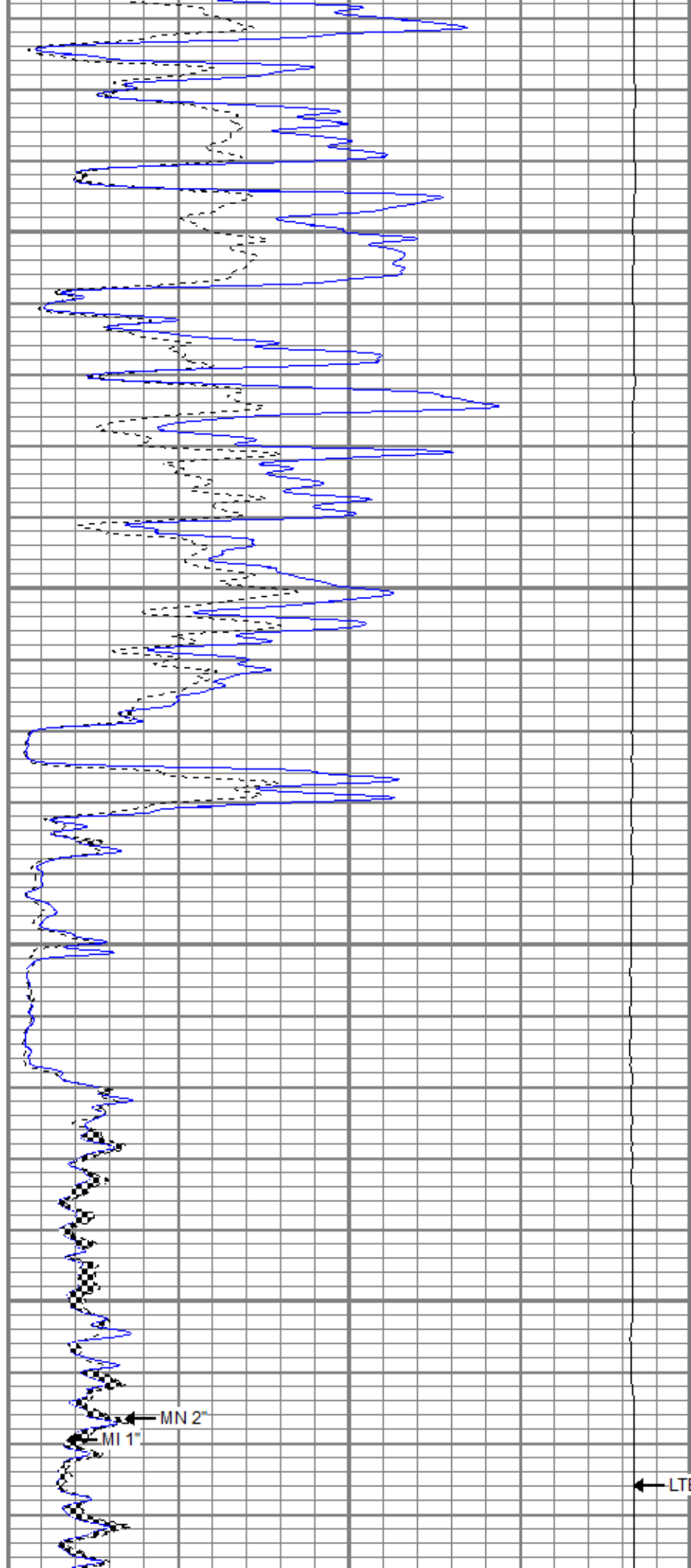


3100

3150

3200

3250



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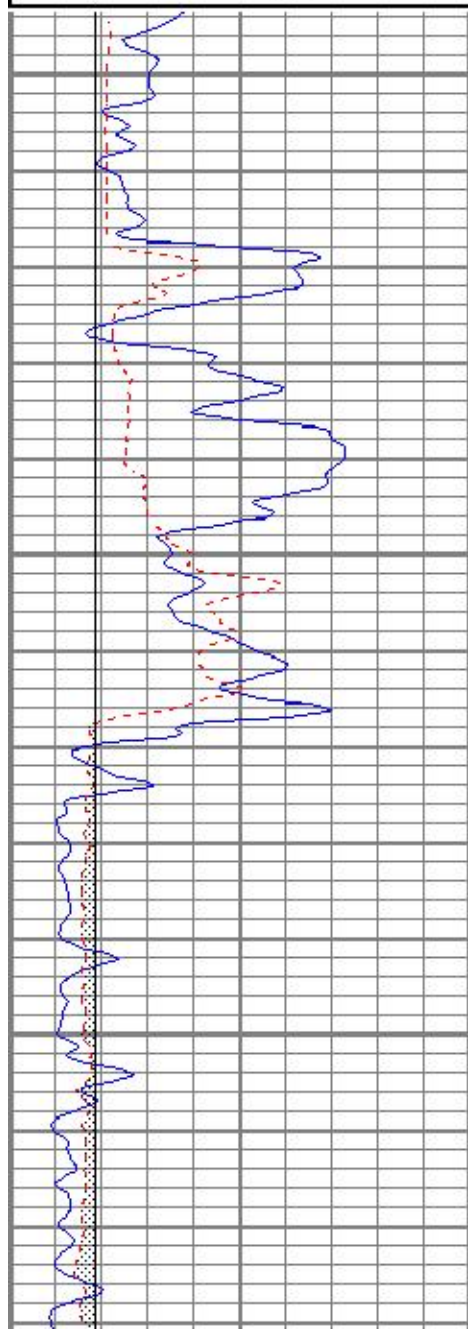


Repeat Pass

Database File crwessler#4oh.db
Dataset Pathname pass5
Presentation Format kml
Dataset Creation Tue Dec 22 19:03:09 2015
Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16

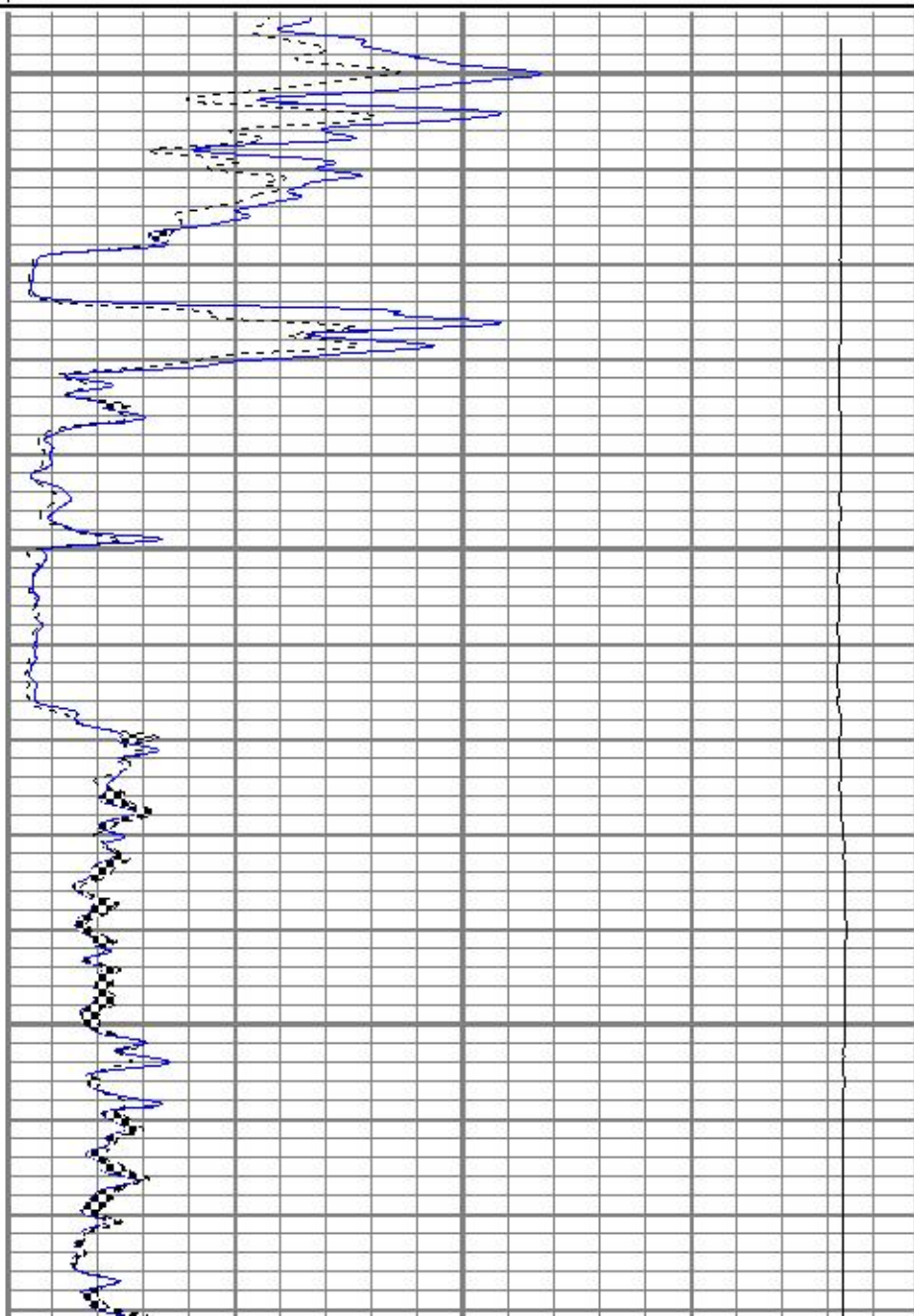
0	MN 2" (Ohm-m)	40
0	MI 1" (Ohm-m)	40
10000	LTEN (lb)	0

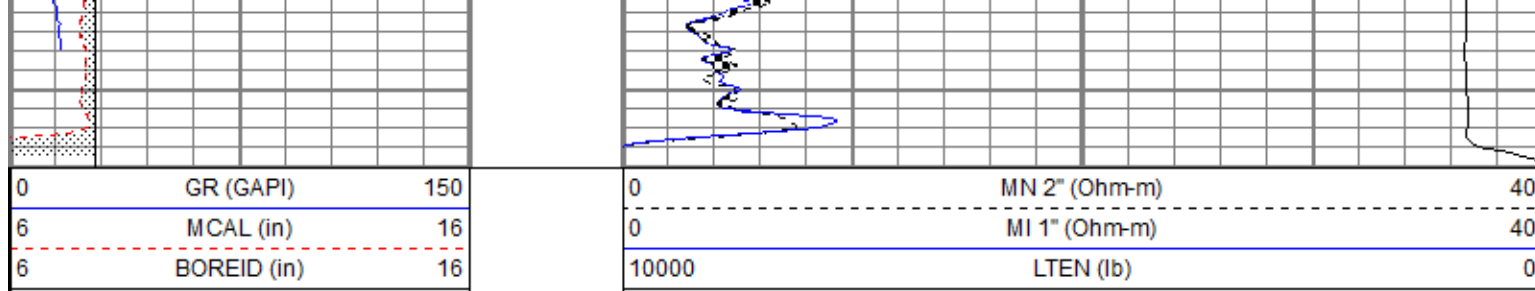


3150

3200

3250





Calibration Report		
Database File	crwessler#4oh.db	
Dataset Pathname	pass5	
Dataset Creation	Tue Dec 22 19:03:09 2015	

Microlog Calibration Report								
Serial-Model:			012-Pengo					
Performed:			Sun Dec 13 16:46:44 2015					
Readings			References			Results		
	Zero	Cal		Zero	Cal		m	b
Normal	0.0074	0.4385	V	0.0000	11.0000	Ohm-m	25.5170	-0.1889
Inverse	0.0091	0.5645	V	0.0000	9.5000	Ohm-m	17.1044	-0.1554
Caliper	2.2000	4.0000	V	7.6000	11.8000	in	2.3333	2.4667

Gamma Ray Calibration Report		
Serial Number:	2000	
Tool Model:	P2000	
Performed:	Sun Dec 13 16:43:47 2015	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2200	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	8.38		GR-P2000 (2000)	3.67	3.25	40.00
MCAL	1.30		ML-Pengo (012)	6.97	3.50	100.00
MI	1.30					
MN	1.30					
Dataset:			crwessler#4oh.db: field/well/run1/pass5			
Total length:			10.63 ft			
Total weight:			140.00 lb			
O.D.:			3.50 in			