



MICRO RESISTIVITY LOG

Company John O. Farmer, Inc.

Well Schroeder Unit #1

Field Wildcat

County Thomas

State KS

Location:

API #: 15 193 20965

SEC 14 TWP 6S RGE 33W

165' FNL & 2135' FWL

Permanent Datum Ground Level Elevation 3088'
Log Measured From KB 8' AGL
Drilling Measured From KB

Other Services
DIL
CDNL
BCS
Elevation
K.B. 3096'
D.F. 3095'
G.L. 3088'

Date 7-11-16

Run Number One

Depth Driller 4600'

Depth Logger 4600'

Bottom Logged Interval 4575'

Top Log Interval 3600'

Casing Driller 263'

Casing Logger 263'

Bit Size 7 7/8"

Type Fluid in Hole Chemical Mud

Density / Viscosity 8.9/67

pH / Fluid Loss 9/9.6

Source of Sample Pit

Rm @ Meas. Temp 2.2@72degf

Rmf @ Meas. Temp 1.65@72degf

Rmc @ Meas. Temp 2.64@72degf

Source of Rmf / Rmc Calculated

Rm @ BHT 1.26@125degf

Time Circulation Stopped 5:30 p.m.

Time Logger on Bottom 10:15 p.m.

Maximum Recorded Temperature 125 degf

Equipment Number T127

Location Hays, KS.

Recorded By Gus Pfannenstiel

Witnessed By Mr. Austin Klaus

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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

North of Colby to CC Rd., East 4 miles

Thank you for using Gemini Wireline
785-625-1182

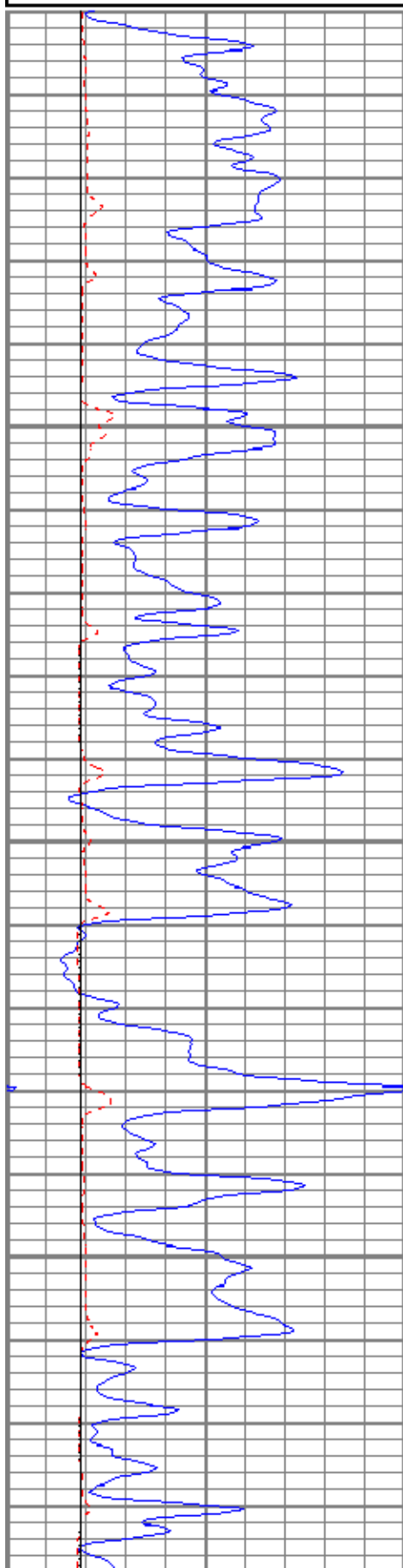


Main Pass

Database File jofschroederunit#10h.db
Dataset Pathname pass7.1
Presentation Format kml
Dataset Creation Mon Jul 11 23:20:15 2016
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)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

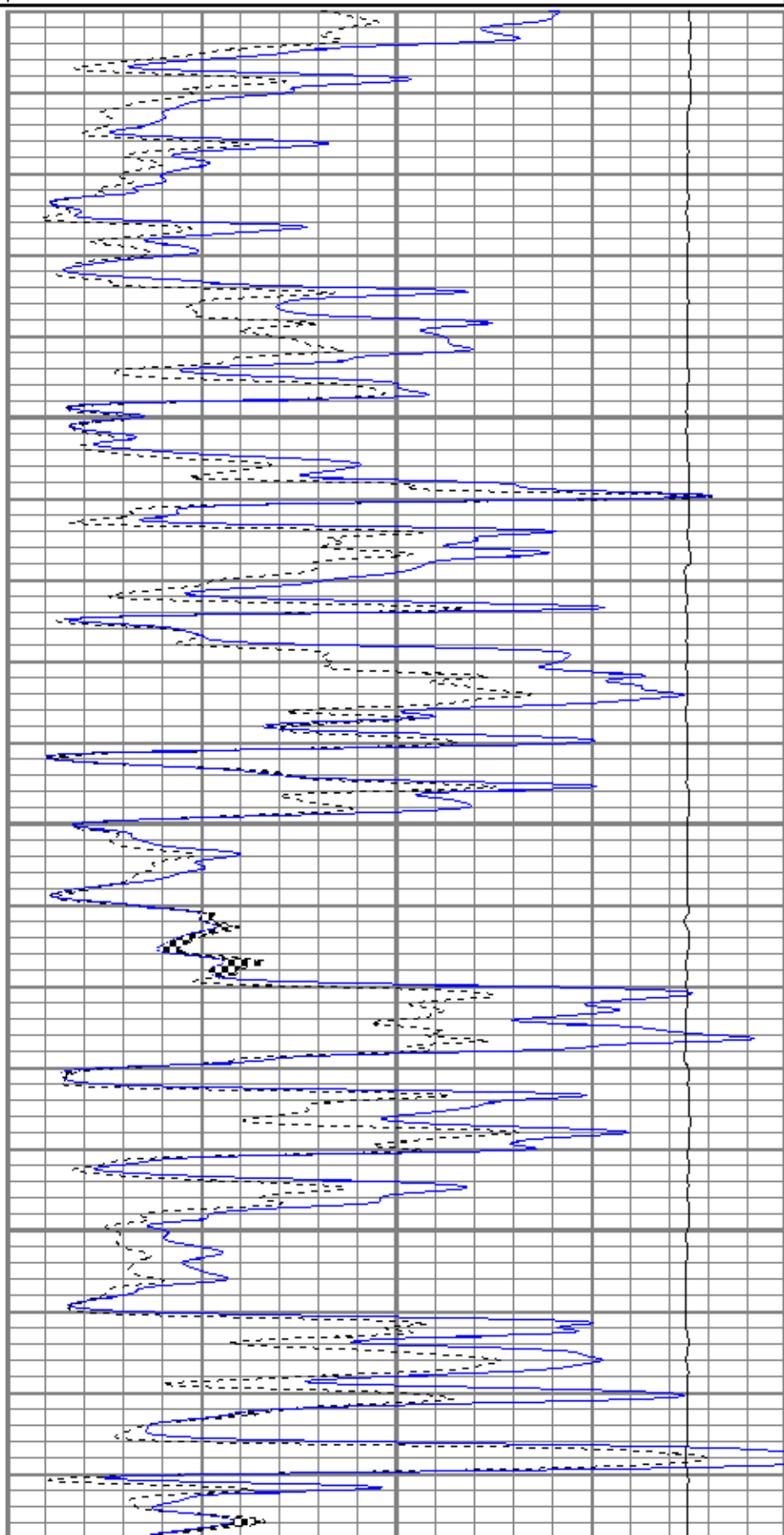


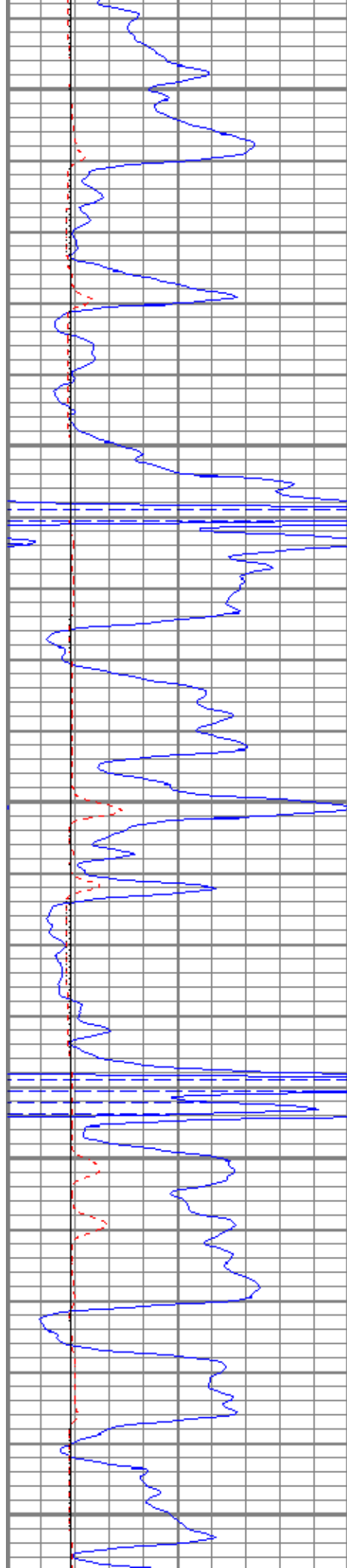
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3650

3700

3750





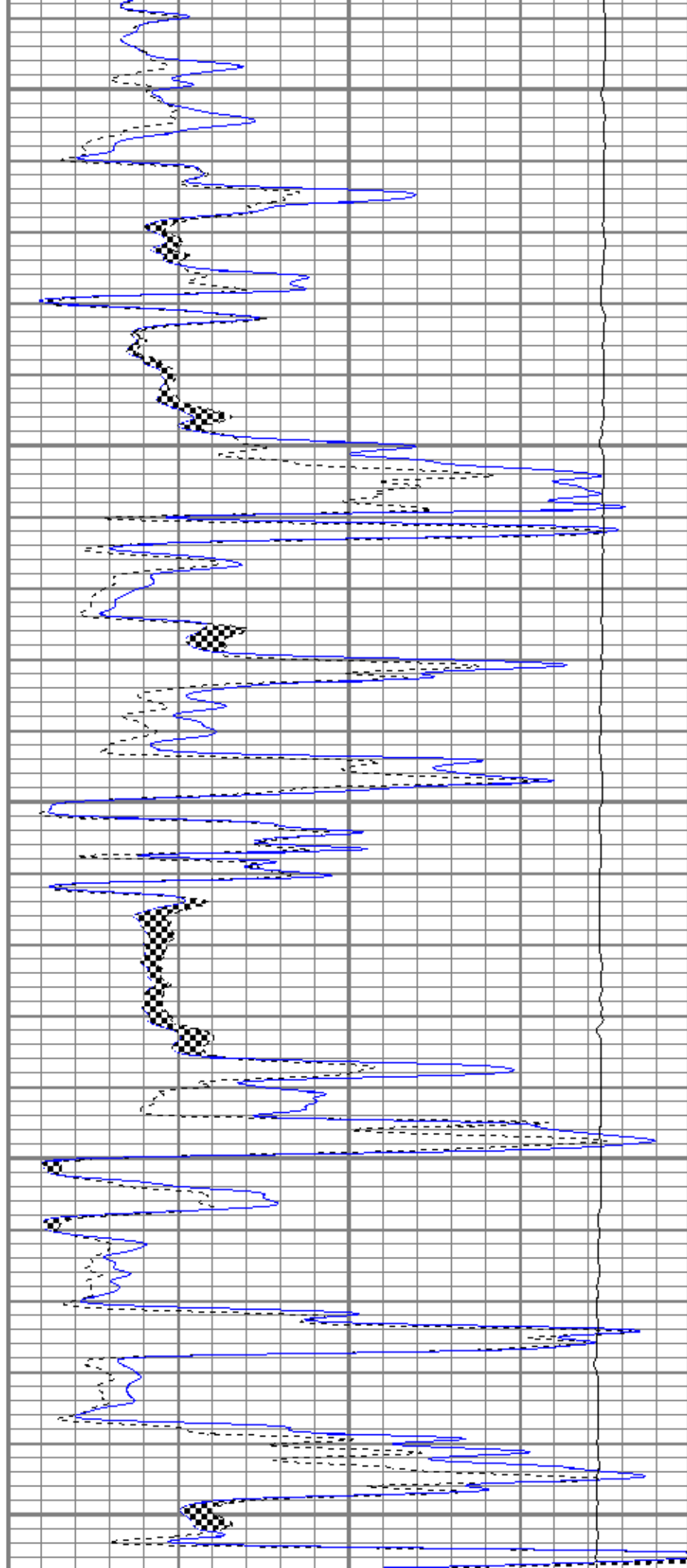
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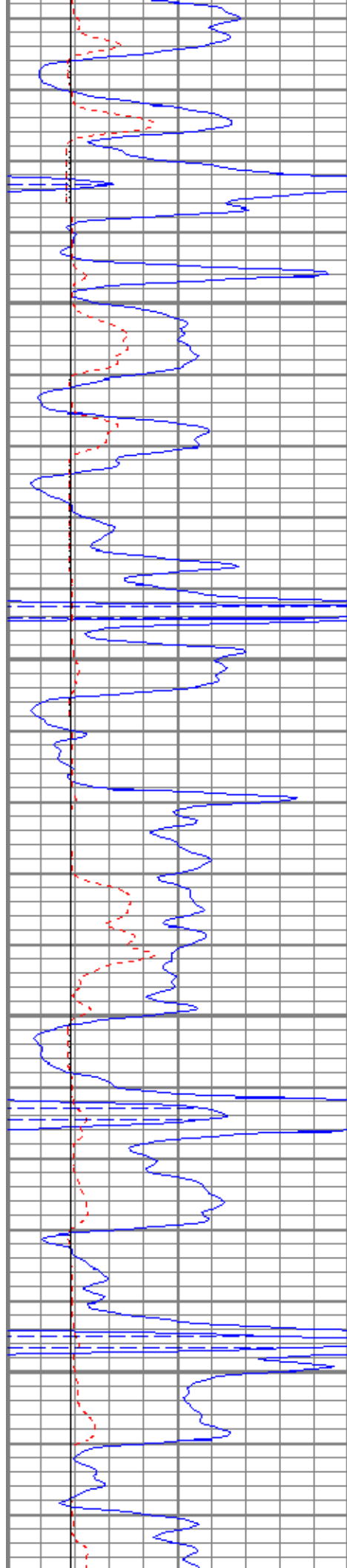
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3900

3950

4000



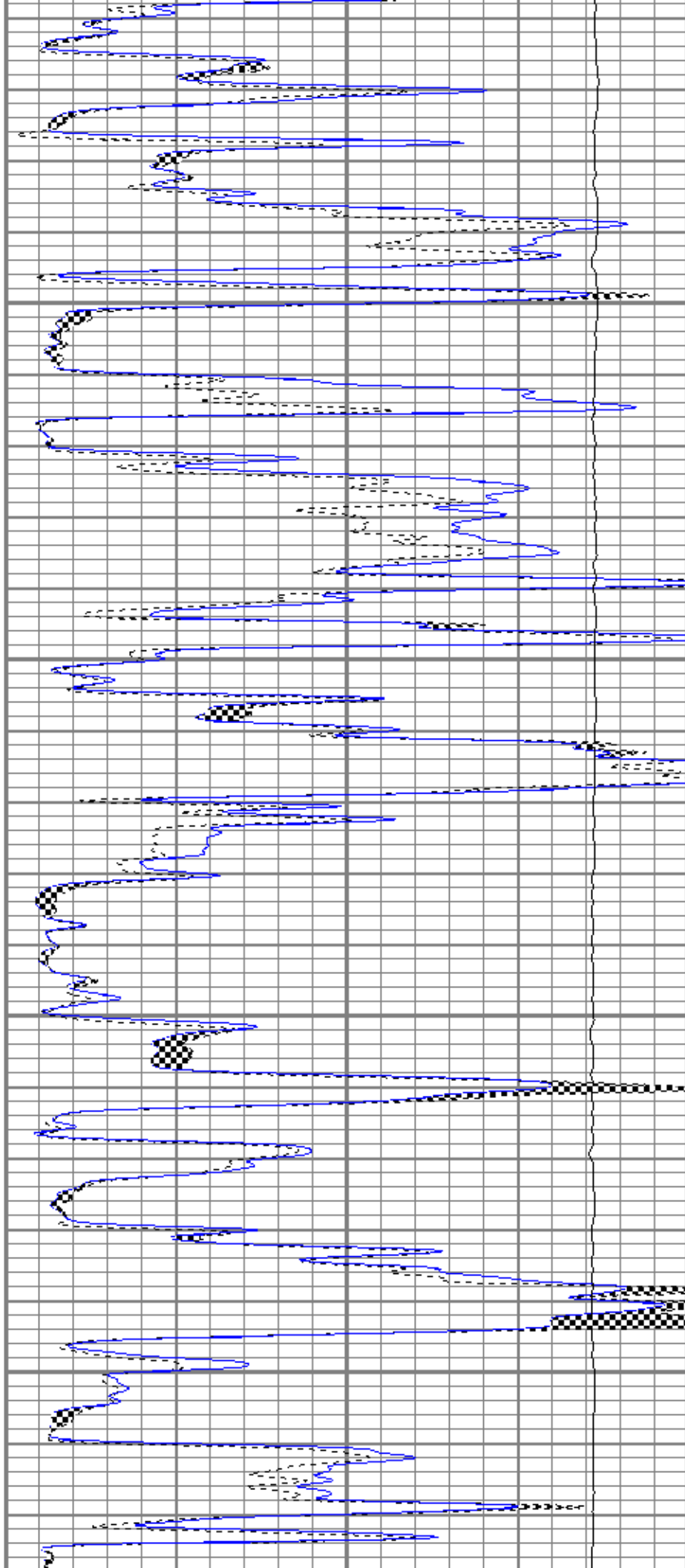


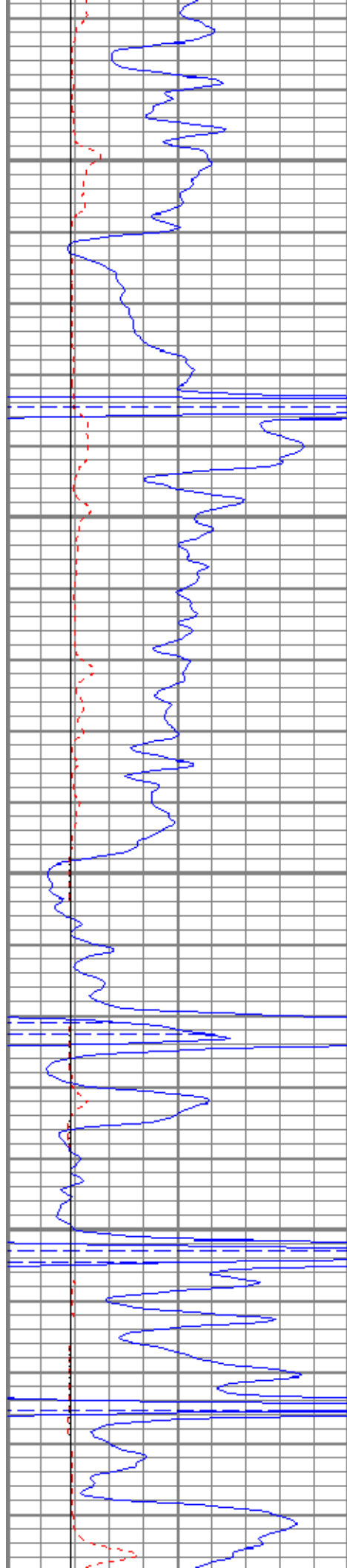
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4150

4200



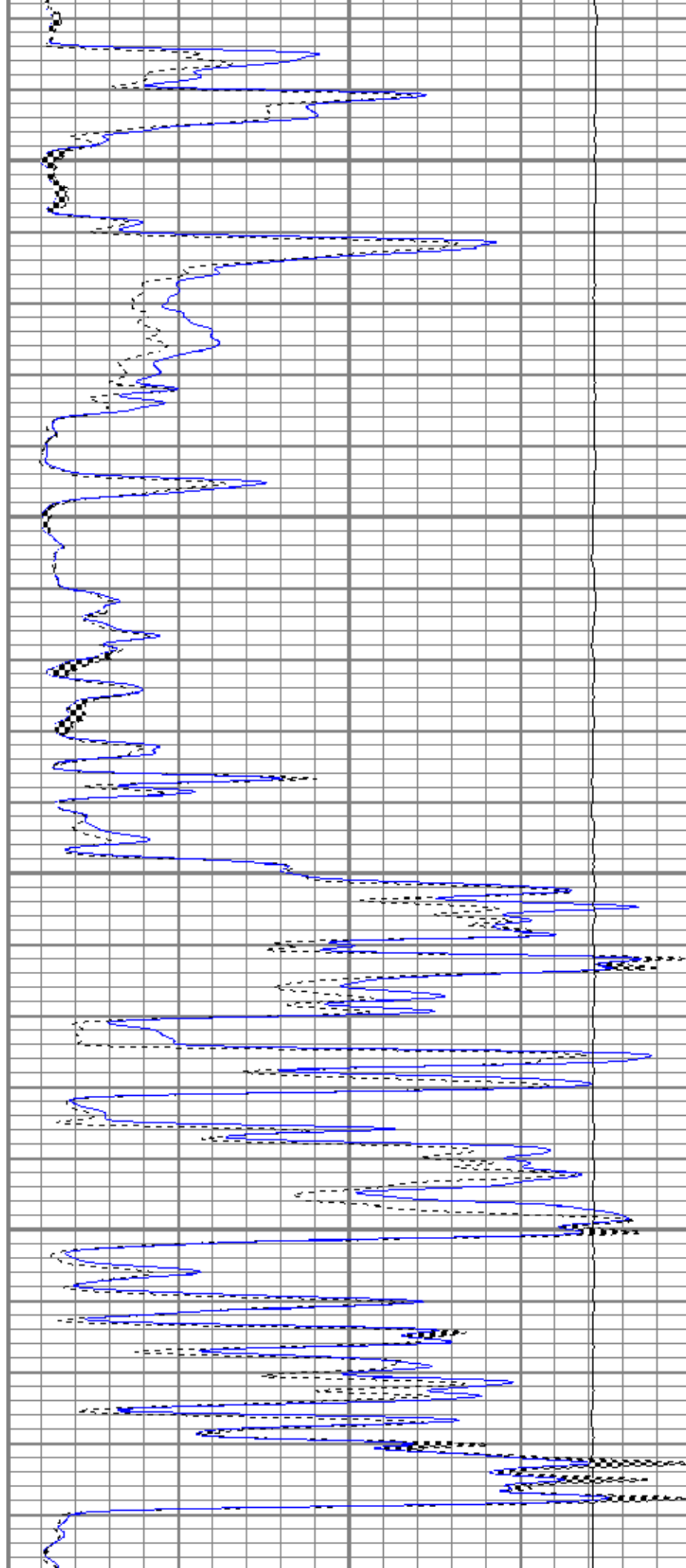


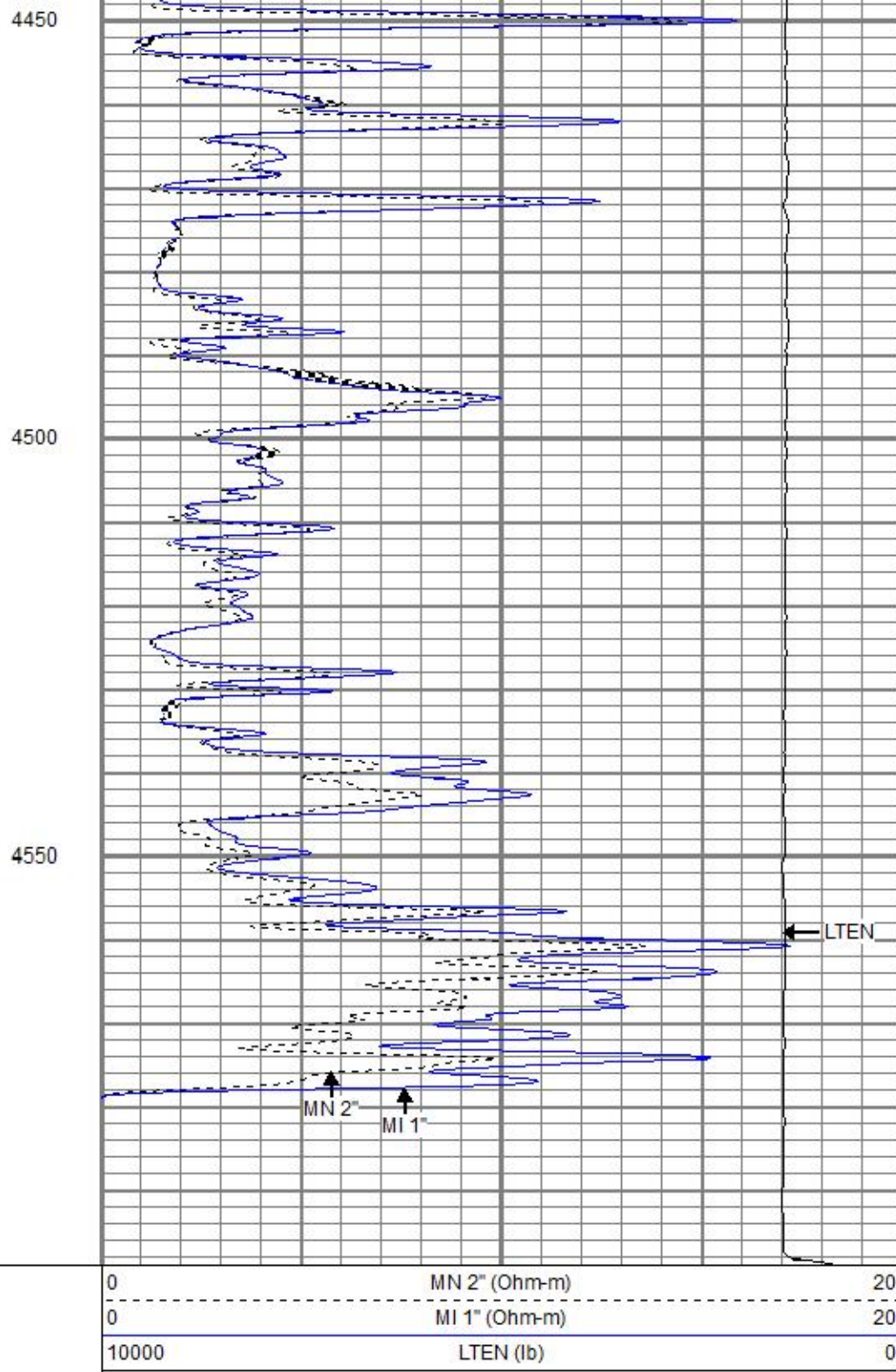
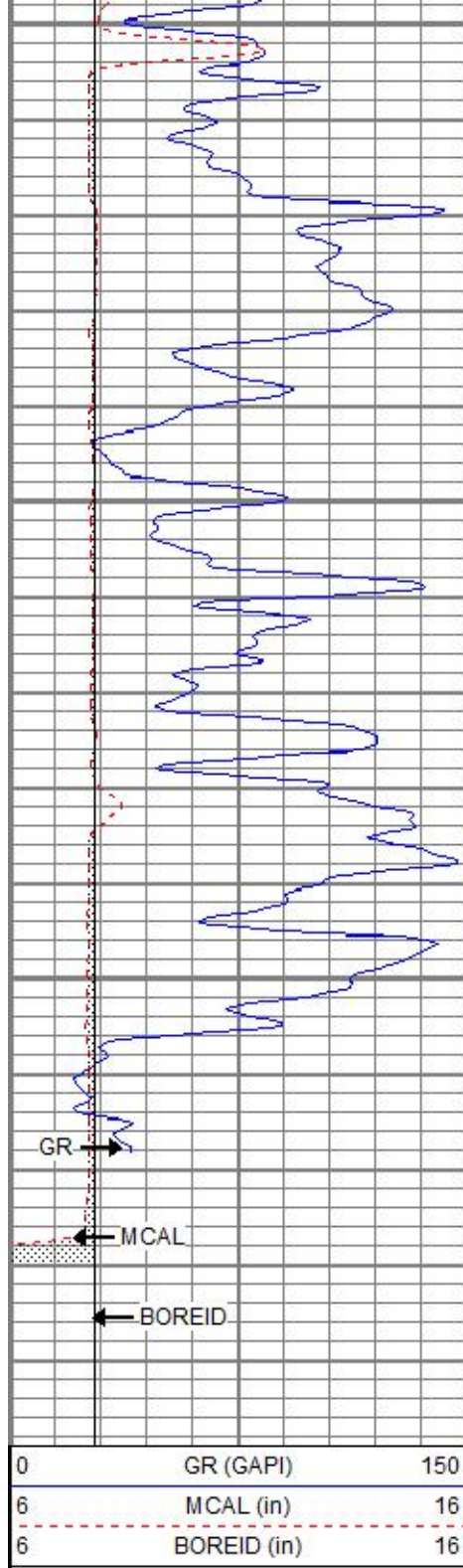
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4300

4350

4400



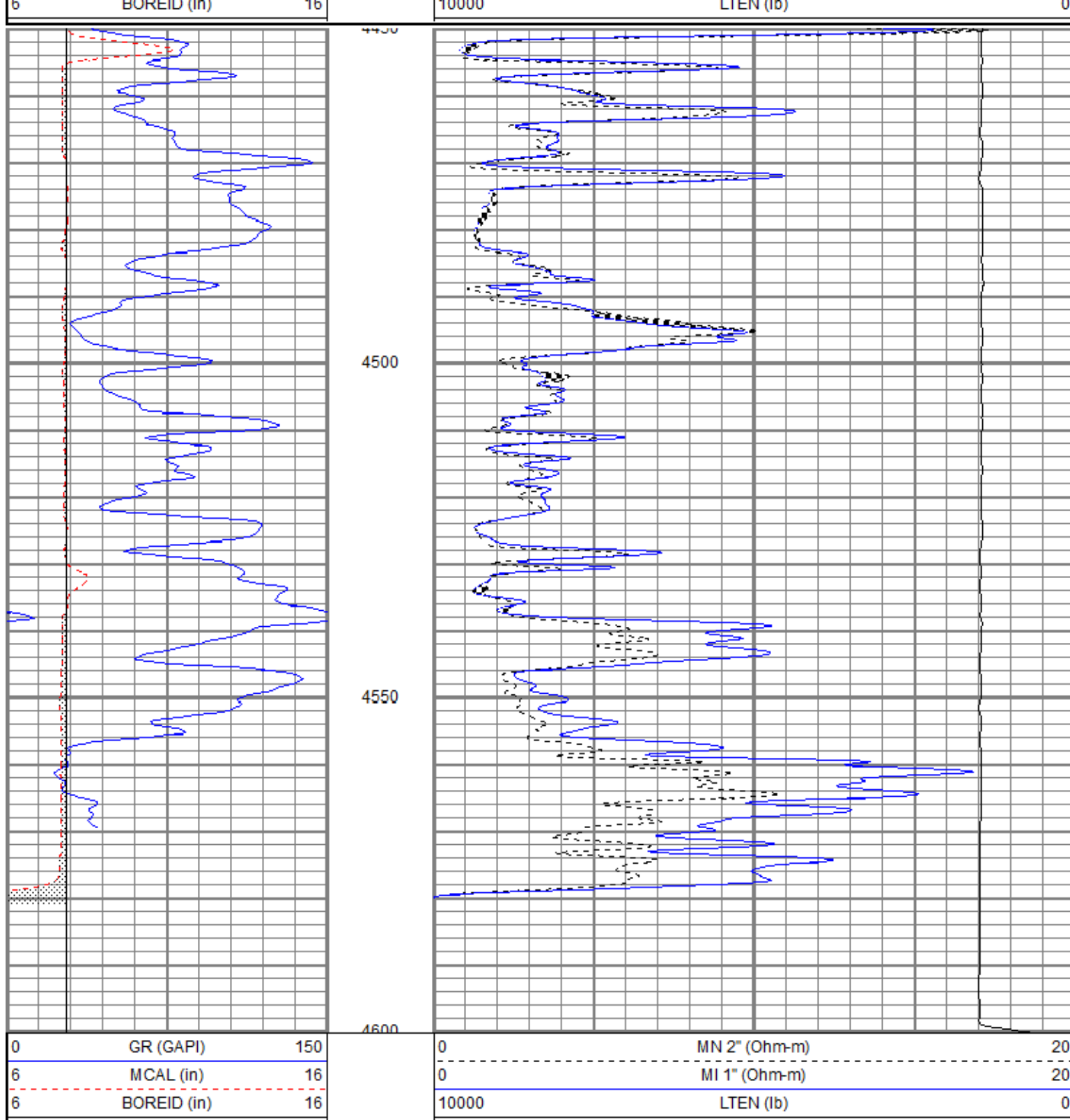


Repeat Pass

Database File jofschroederunit#1oh.db
 Dataset Pathname pass6.1
 Presentation Format kml
 Dataset Creation Mon Jul 11 23:22:33 2016
 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)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0



Calibration Report

Database File jofschroederunit#1oh.db
 Dataset Pathname pass6.1
 Dataset Creation Mon Jul 11 23:22:33 2016

Microlog Calibration Report

Serial-Model: 1600-Pengo
 Performed: Fri Mar 18 11:00:13 2016

Readings		References		Results	
Zero	Cal	Zero	Cal	m	b
Normal	0.0009	0.5911	V	0.0000	10.0000
			Ohm-m	16.9426	-0.0146

Gamma Ray Calibration Report		
Serial Number:	2001	
Tool Model:	OH	
Performed:	Thu Jan 21 09:36:03 2016	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2400	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	27.88		GR-OH (2001) 2001	3.56	3.25	40.00
			ML-Pengo (1600)	6.97	3.50	100.00
MCAL	21.05					
MI	21.05					
MN	21.05					
WVF4	13.79					
WVF3	12.79					
			SLT-G (101127) Sonic	15.71	3.50	250.00
WVF2	9.79					
WVF1	8.79					
			CENT-OHshort Open Hole short centralizer	4.04	3.50	50.00
Dataset: jofschroederunit#1oh.db: field/well/run1/pass6.1 Total length: 30.28 ft Total weight: 440.00 lb O.D.: 3.50 in						