



MICRO RESISTIVITY LOG

Company Palomino Petroleum, Inc.

Well Elza #2

Field Revilo

County Gove

State Kansas

Location:

API #: 15 063 22354

1105' FSL & 1943' FWL

SEC 12 TWP 15S RGE 26W

Permanent Datum Ground Level Elevation 2364'
Log Measured From KB 5' AGL
Drilling Measured From KB

Elevation

K.B. 2369'
D.F. 2368'
G.L. 2364'

Company Palomino Petroleum, Inc.
Well Elza #2
Field Revilo
County Gove
State Kansas

Date 3-14-19

Run Number Two

Depth Driller 4398'

Depth Logger 4403'

Bottom Logged Interval 4401'

Top Log Interval 3500'

Casing Driller 8 5/8" @ 208'

Casing Logger 208'

Bit Size 7 7/8"

Type Fluid in Hole Chemical

Density / Viscosity 9.2/53

pH / Fluid Loss 10.5/7.2

Source of Sample Pit

Rm @ Meas. Temp 2.4@66degf

Rmf @ Meas. Temp 1.8@66degf

Rmc @ Meas. Temp 2.9@66degf

Source of Rmf / Rmc Calculated

Rm @ BHT 1.4@114degf

Time Circulation Stopped 1:00 a.m.

Time Logger on Bottom 6:35 a.m.

Maximum Recorded Temperature 114degf

Equipment Number T-605

Location Hays, KS

Recorded By C. Patterson

Witnessed By Mr. Ryan Seib

<<< 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

East Side of Utica, KS to E RD.(Cemetery RD.)
North 8.2 mi.on E RD. (Cemetery RD/ GO 82 at correction)
West into location Through Cattle Guard, go past Tank Batteries Through 2nd Cattle Guard
Keep going West

Thanks for using Gemini Wireline LLC
785-625-1182

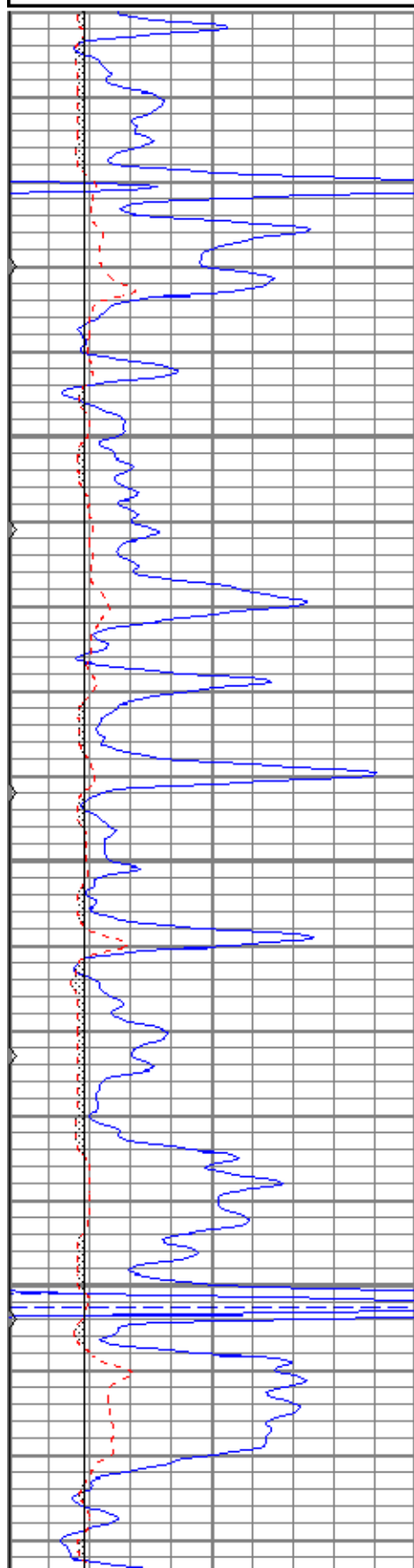


MAIN PASS

Database File ppelza#2.db
Dataset Pathname pass4
Presentation Format kml
Dataset Creation Thu Mar 14 06:47:15 2019
Charted by Depth in Feet scaled 1:240

0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

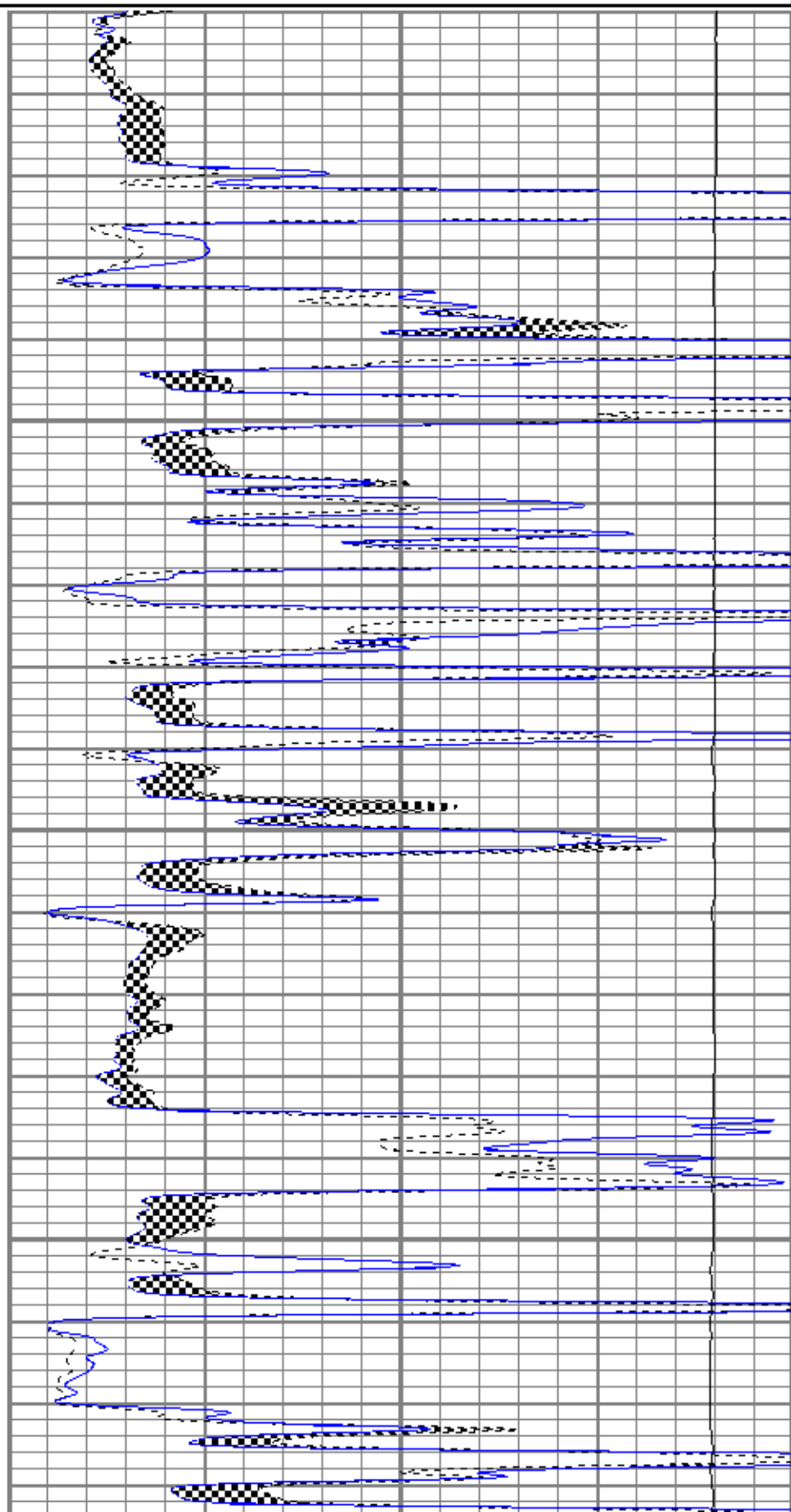


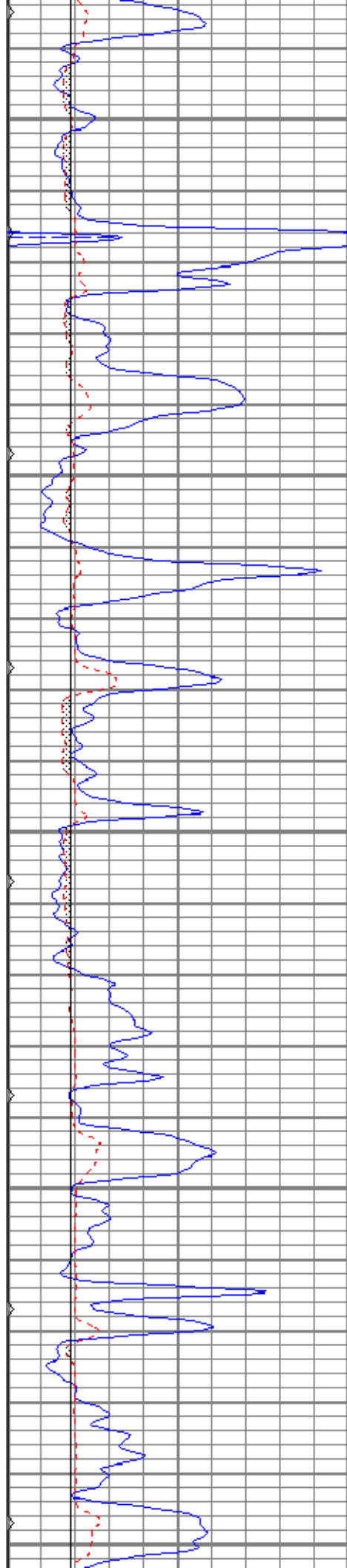
3500

3550

3600

3650





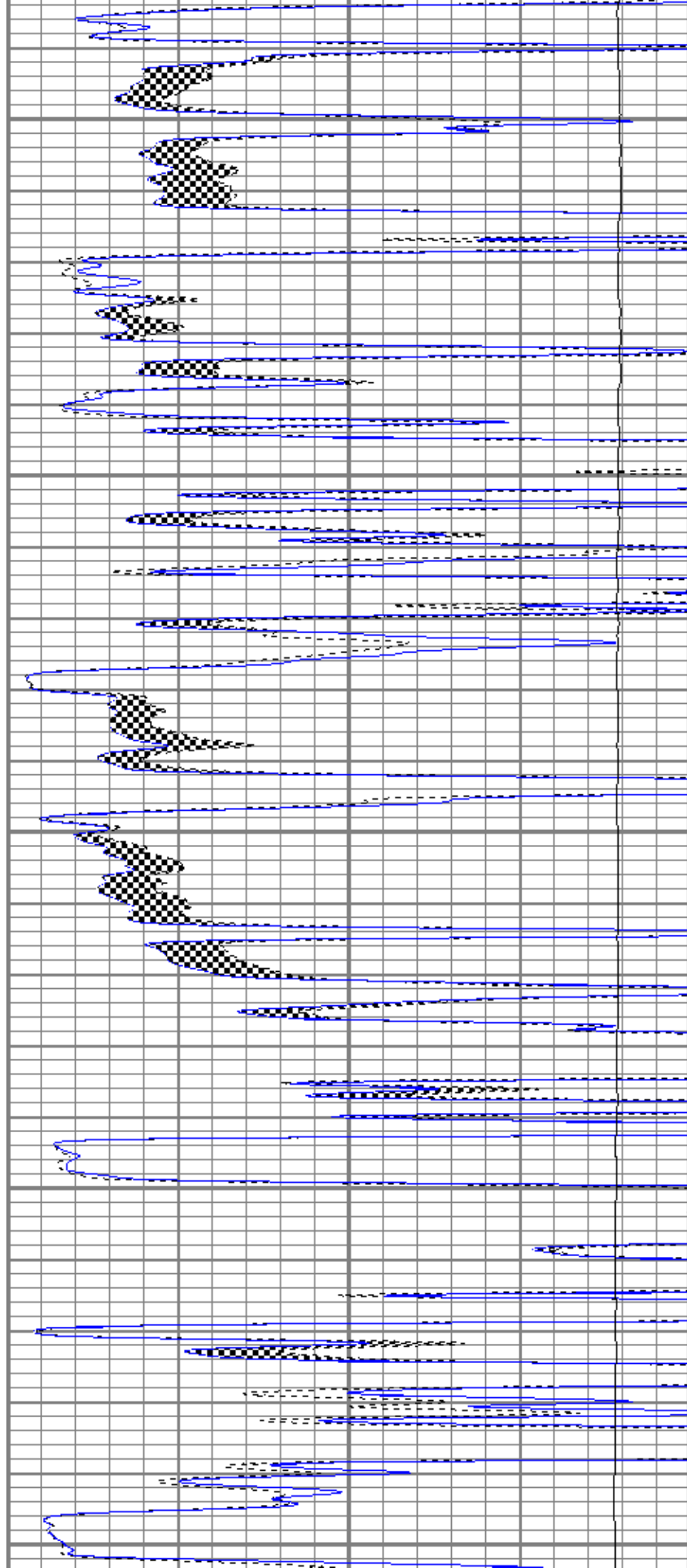
3700

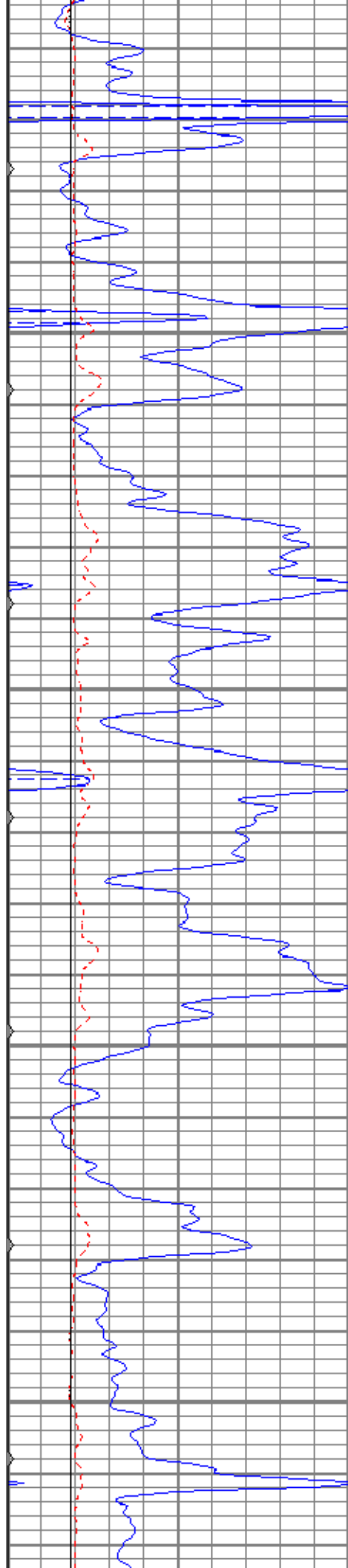
3750

3800

3850

3900



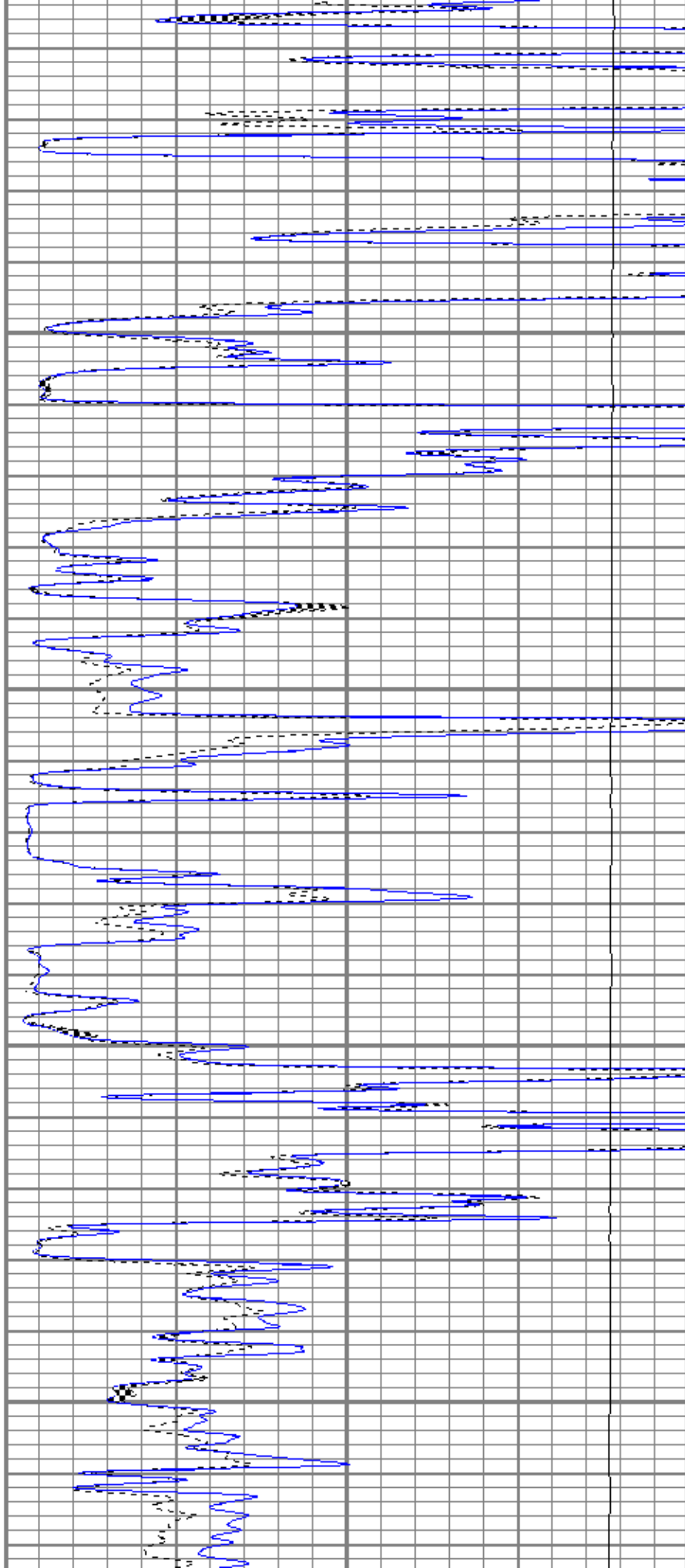


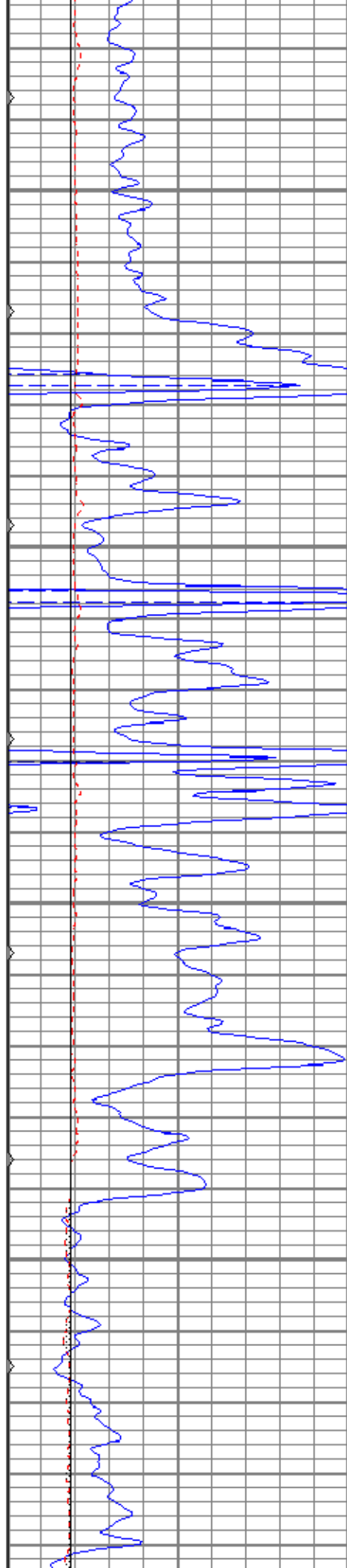
3950

4000

4050

4100



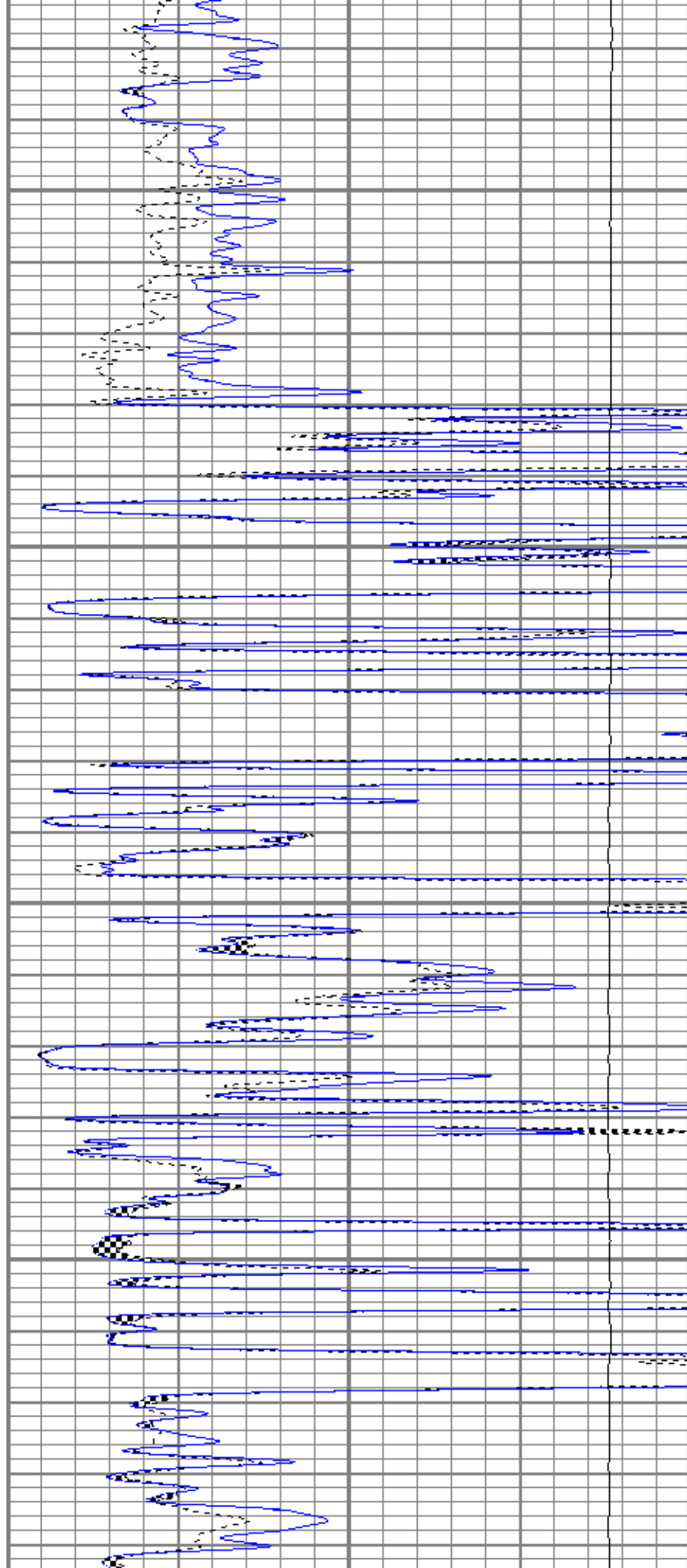


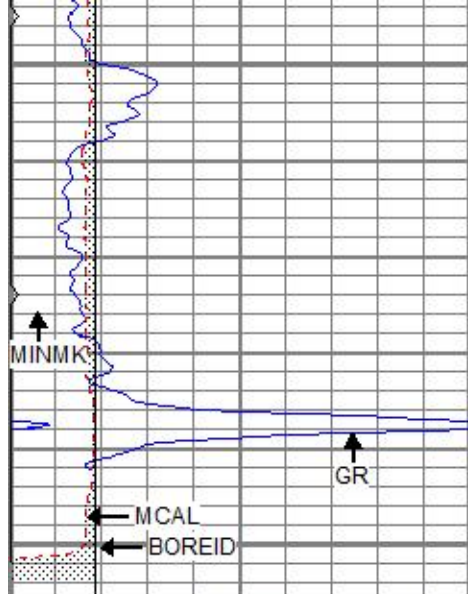
4150

4200

4250

4300

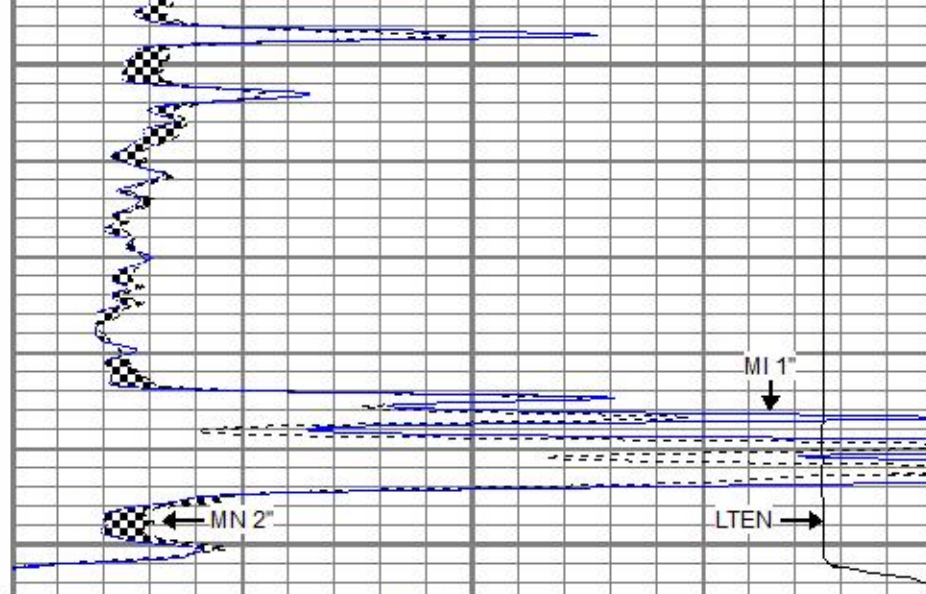




0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

4350

4400



0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

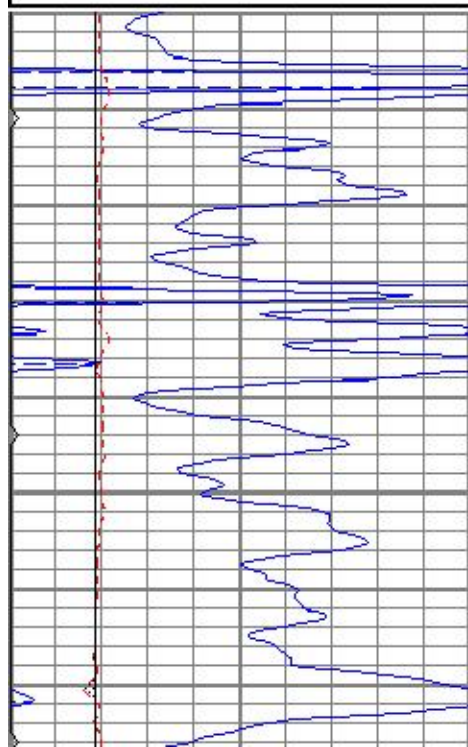


REPEAT SECTION

Database File ppelza#2.db
 Dataset Pathname pass3
 Presentation Format kml
 Dataset Creation Thu Mar 14 06:37:27 2019
 Charted by Depth in Feet scaled 1:240

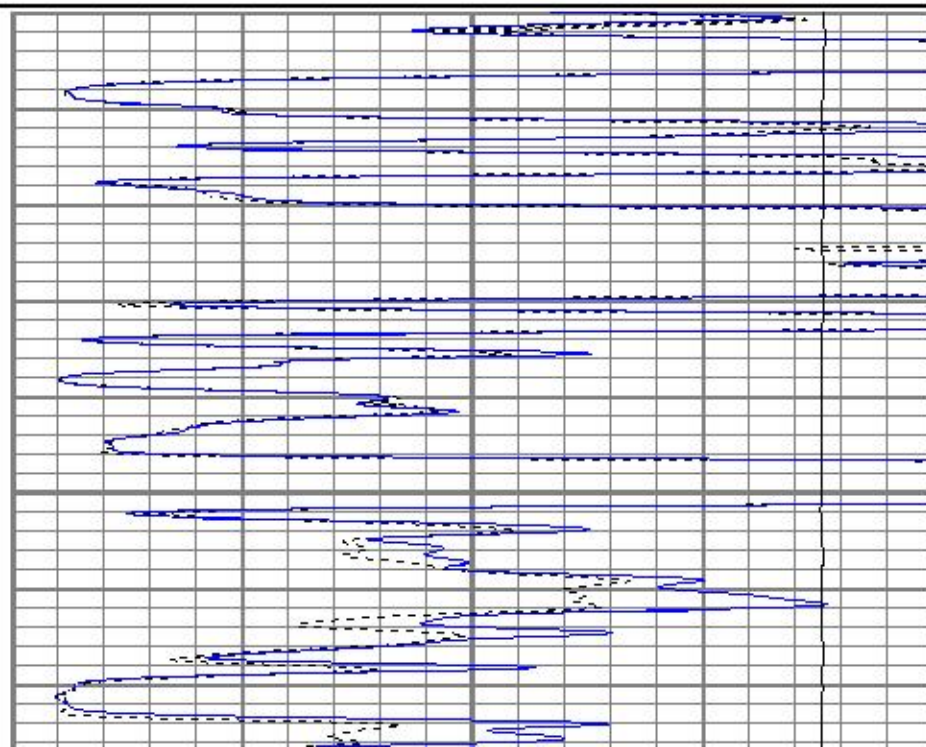
0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

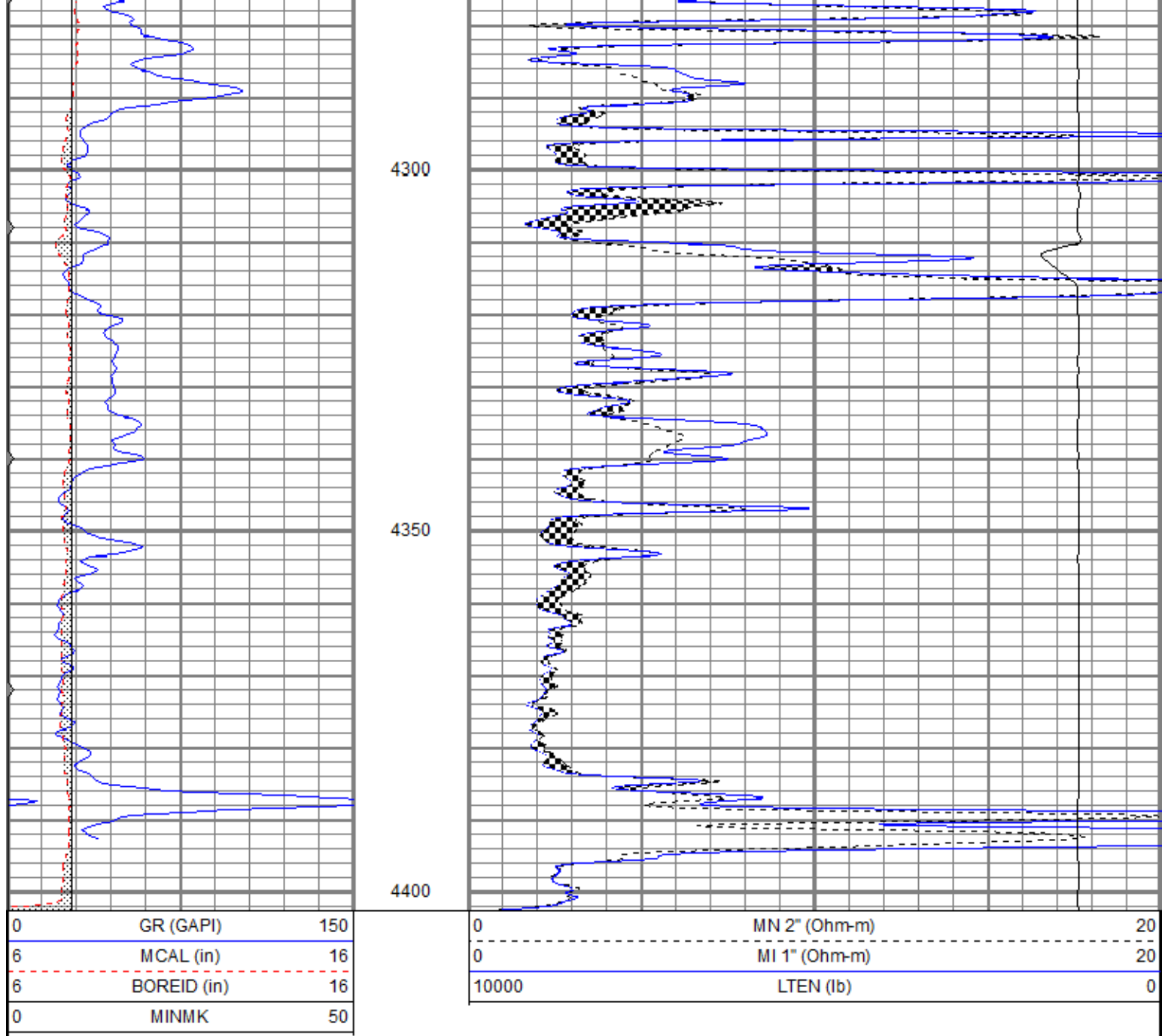
0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0



4200

4250





Calibration Report								
Database File	ppelza#2.db							
Dataset Pathname	pass4							
Dataset Creation	Thu Mar 14 06:47:15 2019							
Microlog Calibration Report								
Serial-Model:			1600-Pengo					
Performed:			Thu Mar 14 06:35:13 2019					
Readings			References				Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0064	0.4859	V	0.0000	10.0000	Ohm-m	20.8539	-0.1331
Inverse	0.0073	0.6345	V	0.0000	10.0000	Ohm-m	15.9446	-0.1162
Caliper	3.9124	9.9563	V	8.1000	17.0000	in	1.4726	2.3388
Gamma Ray Calibration Report								
Serial Number:			2000					
Tool Model:			P2000					
Performed:			Sun May 06 10:04:13 2018					

Calibrator Value:

1.0

GAPI

Background Reading:

0.0

cps

Calibrator Reading:

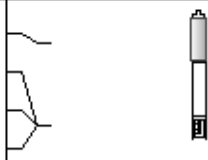
1.0

cps

Sensitivity:

0.7000

GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	8.38		CHD-None	0.75	1.50	5.00
MCAL	1.30		GR-P2000 (2000)	3.67	3.25	40.00
MI	1.30		ML-Pengo (1600)	6.97	3.50	100.00
MN	1.30					
Dataset:			ppelza#2.db: field/well/run1/pass4			
Total length:			11.38 ft			
Total weight:			145.00 lb			
O.D.:			3.50 in			