



MICRO RESISTIVITY LOG

Company American Oil LLC.

Well McFarland #2

Field Morel

County Graham

State Kansas

Location:

API # : 15 065 24149

Other Services

SEC 18 TWP 9S RGE 21W

Ground Level Elevation 2272'

Permanent Datum

Log Measured From

KB 7' AGL

Elevation

Drilling Measured From

KB

KB: 2277'

D.F. 2276'

G.L. 2272'

Date 5-6-18

Run Number TWO

Depth Driller 3860'

Depth Logger 3861'

Bottom Logged Interval 3859'

Top Log Interval 3100'

Casing Driller 8 5/8" @ 220'

Casing Logger 220'

Bit Size 7 7/8"

Type Fluid in Hole Chemical

Density / Viscosity 9.5/62

pH / Fluid Loss 11.0/6.4

Source of Sample Pit

Rm @ Meas. Temp 2.0@78degf

Rmf @ Meas. Temp 1.6@78degf

Rmc @ Meas. Temp 2.56@78degf

Source of Rmf / Rmc Calculated

Rm @ BHT 1.4@117degf

Time Circulation Stopped 5:45 a.m.

Time Logger on Bottom 10:00 a.m.

Maximum Recorded Temperature 117degf

Equipment Number T-127

Location Hays, KS.

Recorded By C. Patterson

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 Ellis on Ellis Black Top 22 mi. (Ellis Ave.) to X Rd, Then Weston X Rd. 7 Mi. to 350th Rd. Then North on 350th 3 mi. to K Rd., West on K Rd. 20 feet South into Location.

Thanks for using Gemini Wireline LLC
785-625-1182

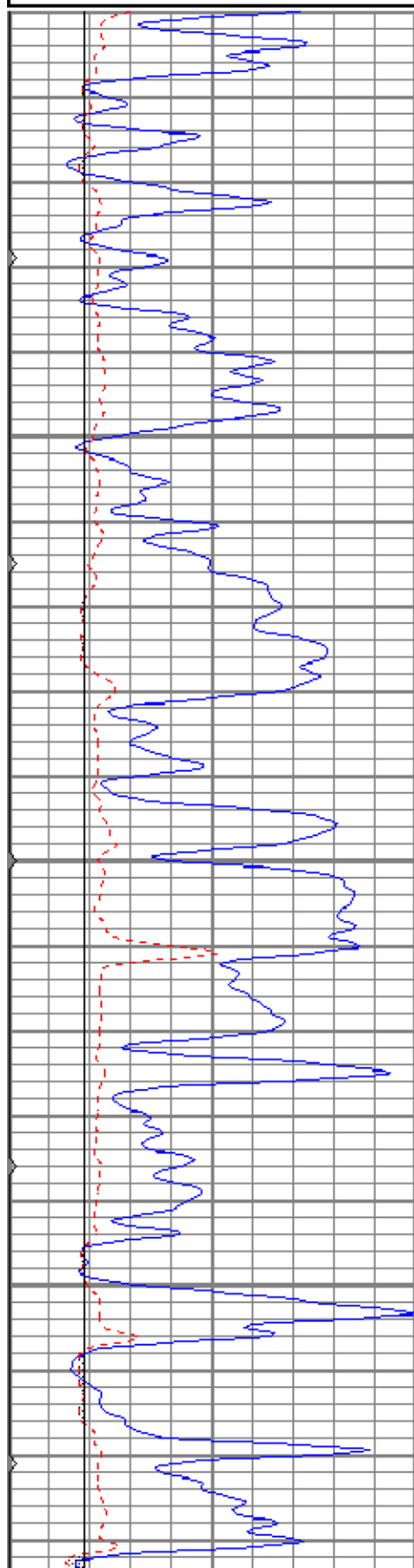


MAIN PASS

Database File aomcfarland2oh.db
 Dataset Pathname pass4
 Presentation Format kml
 Dataset Creation Sun May 06 10:10:30 2018
 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

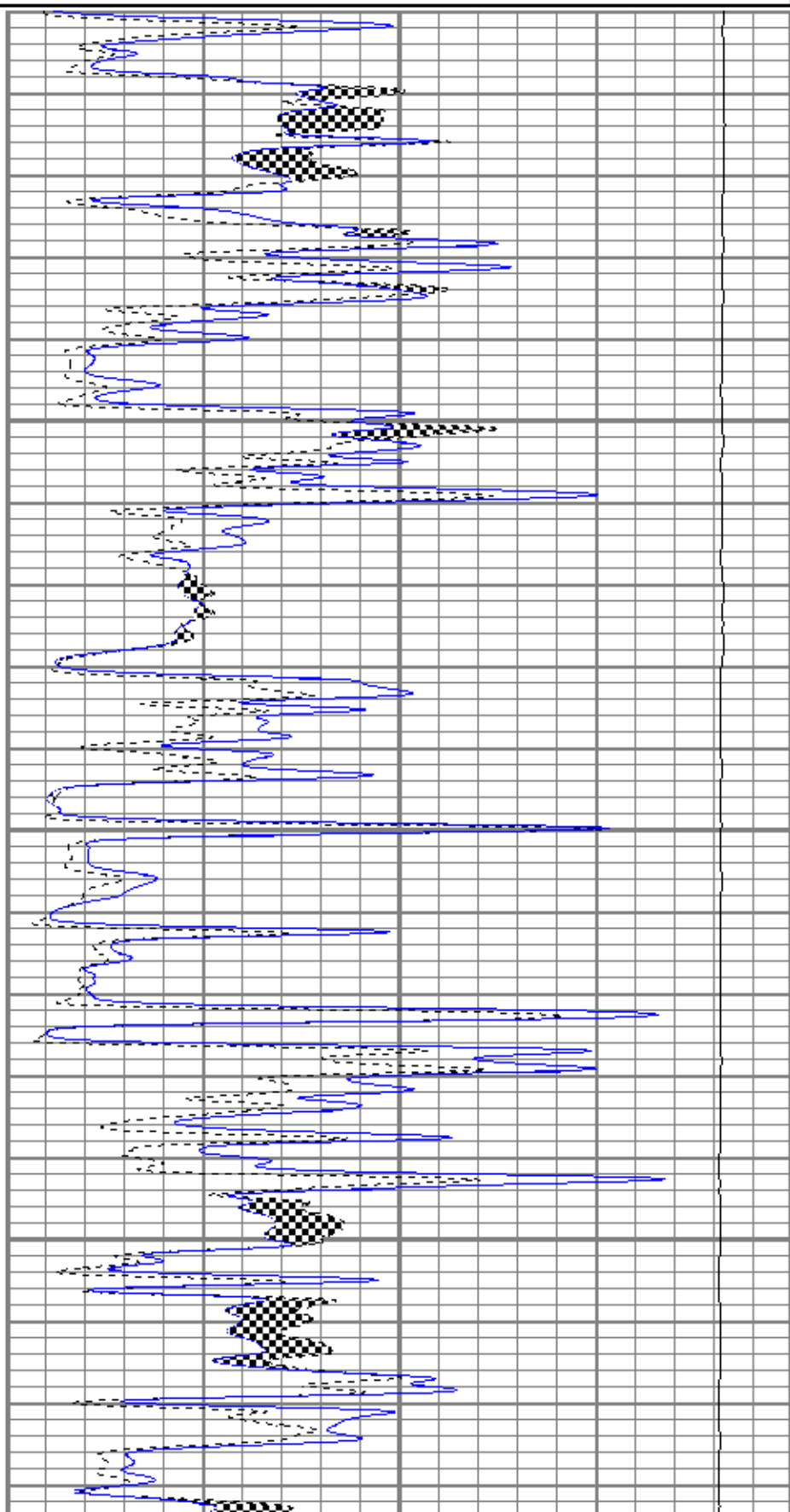


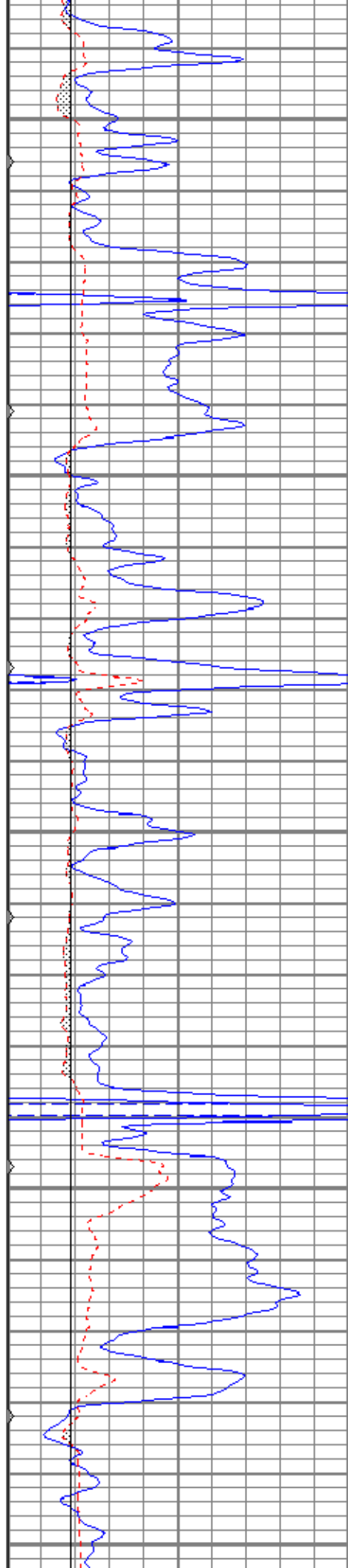
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3150

3200

3250





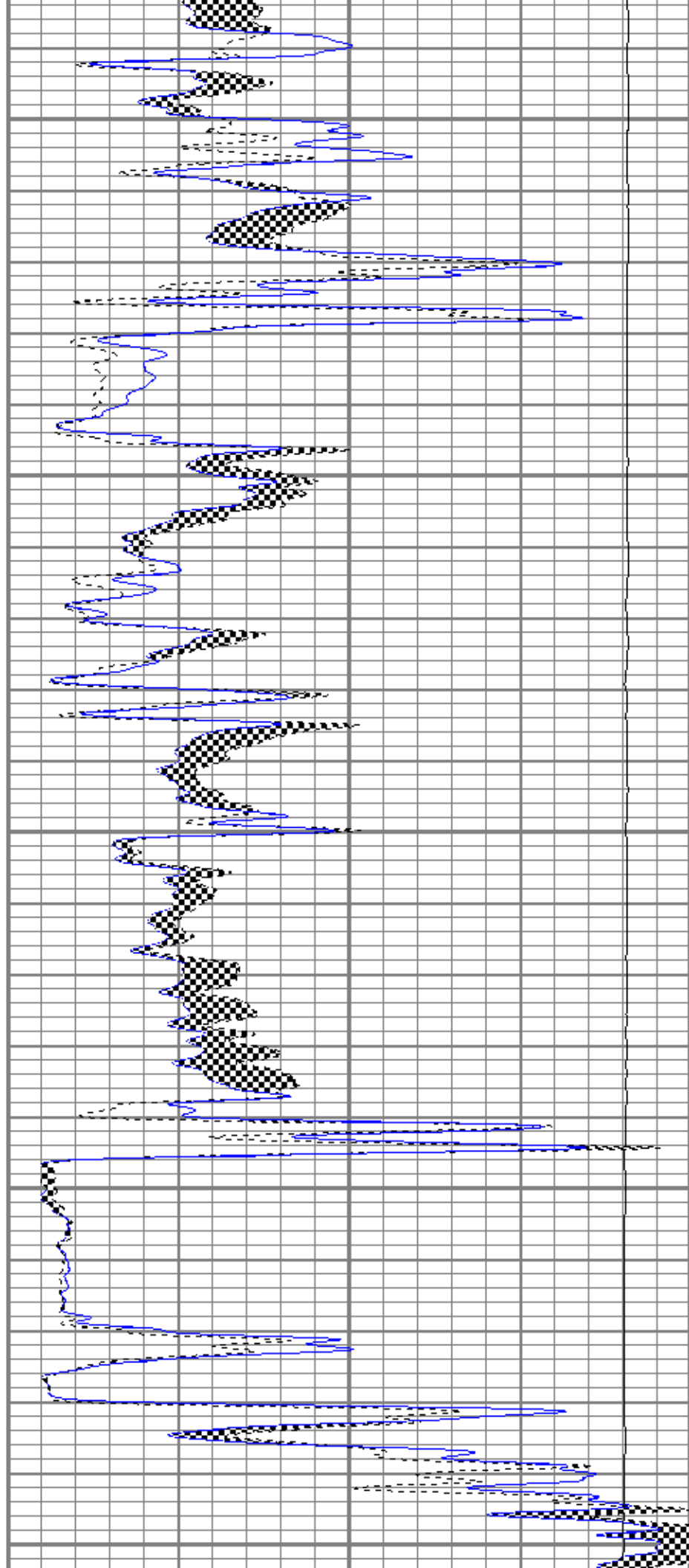
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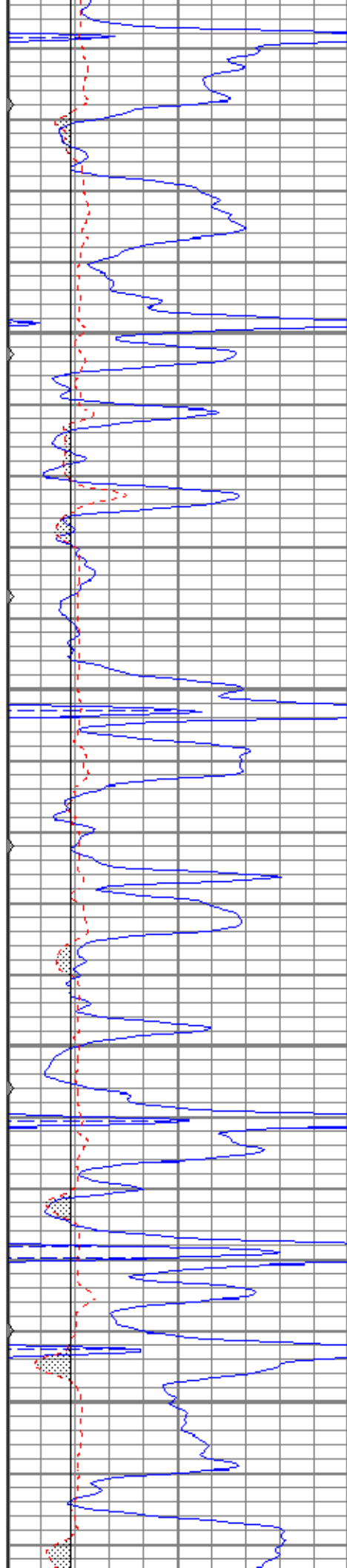
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3400

3450

3500



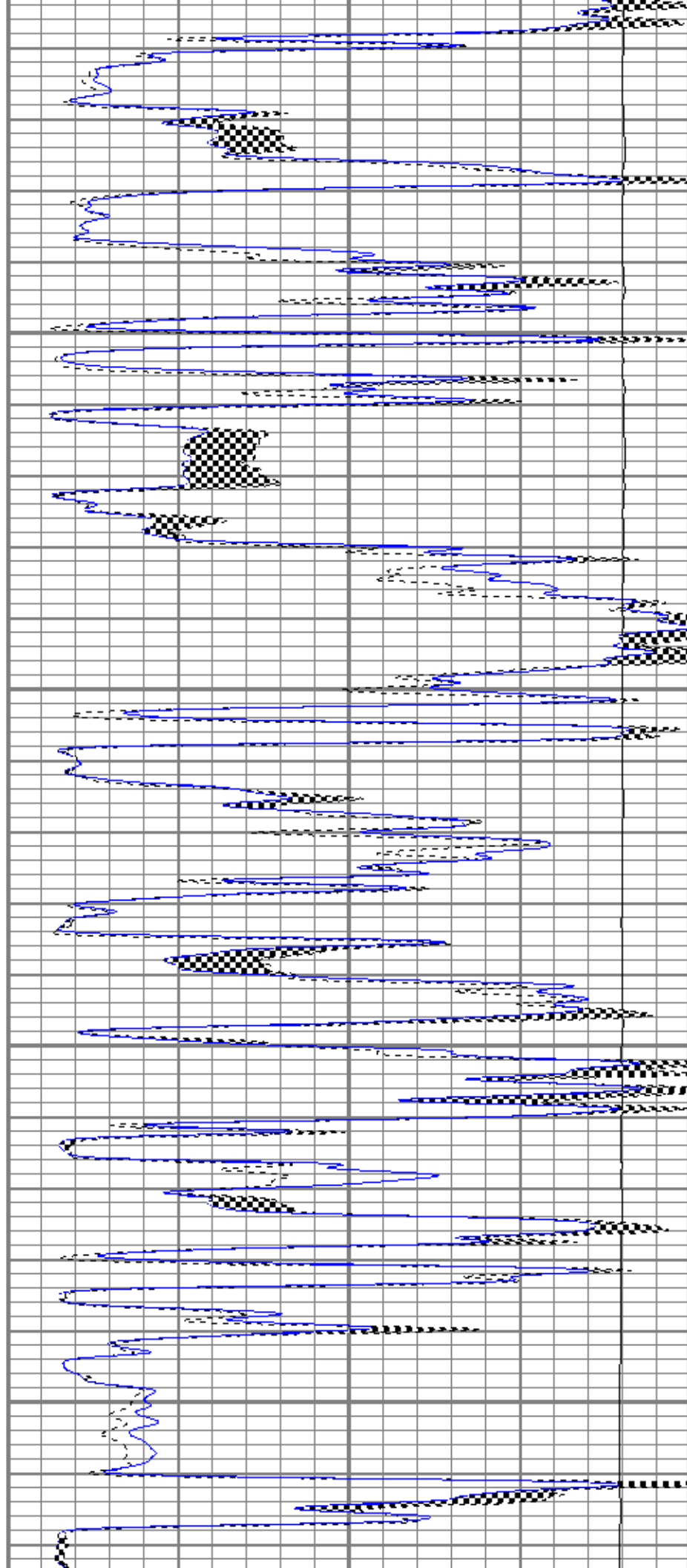


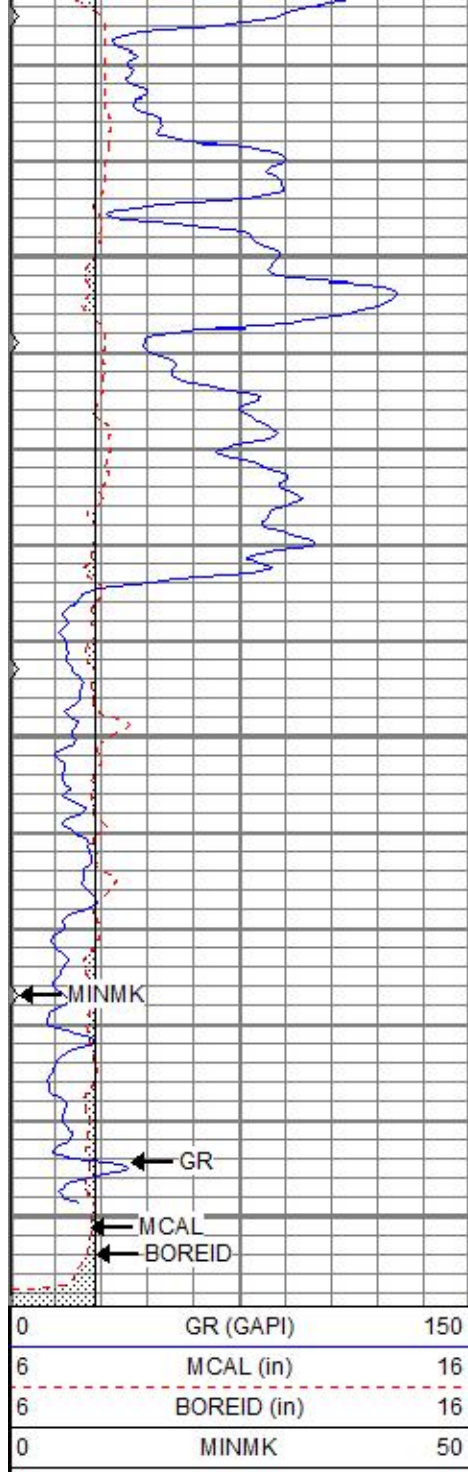
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3600

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3700

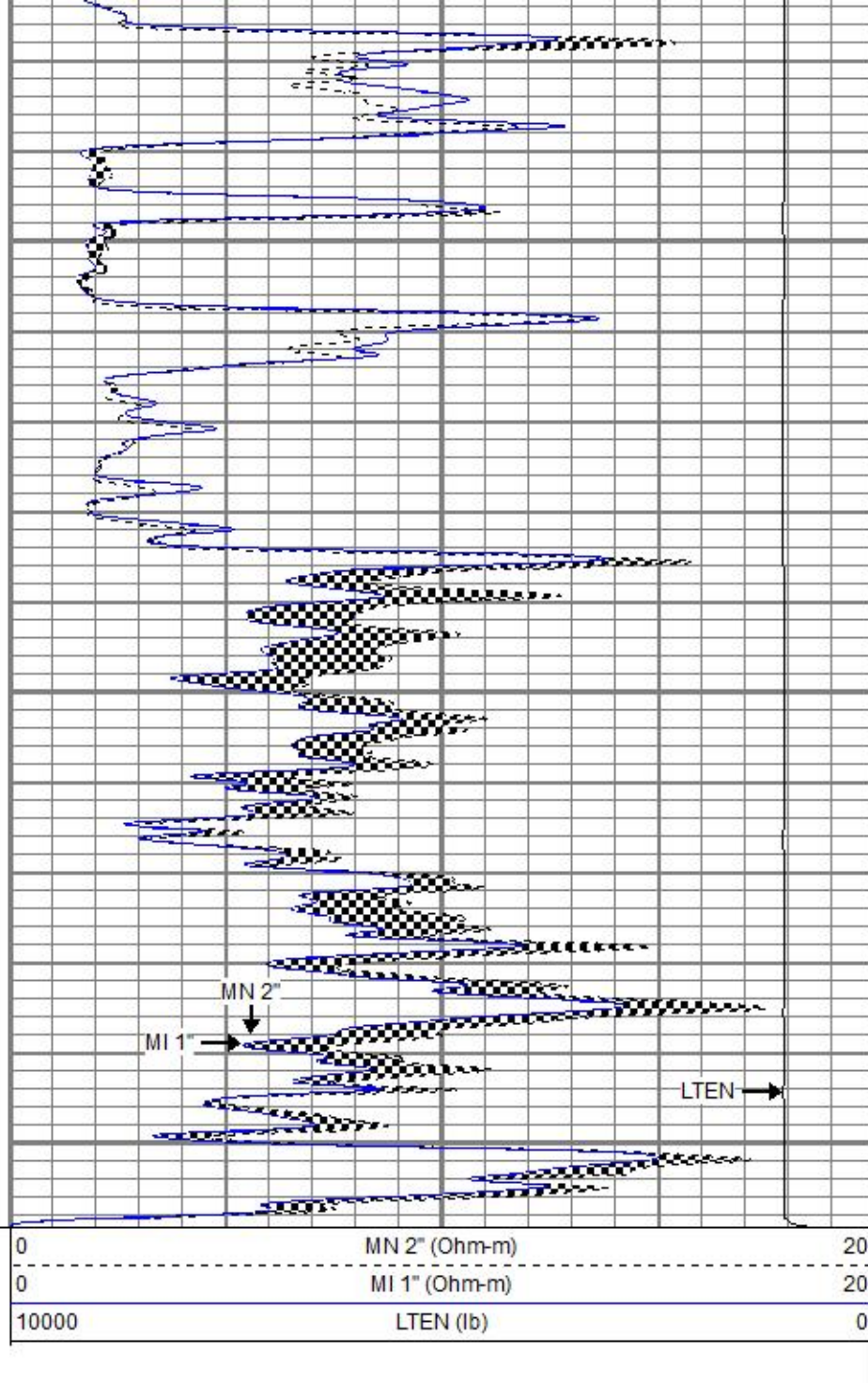




3750

3800

3850

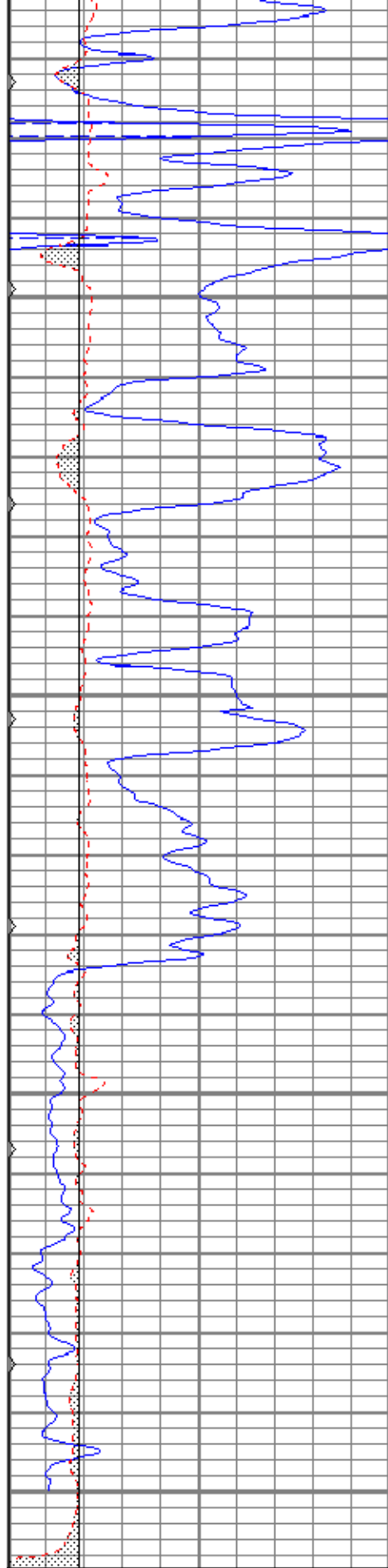


REPEAT SECTION

Database File aomcfarland2oh.db
 Dataset Pathname pass3
 Presentation Format kml
 Dataset Creation Sun May 06 10:00:21 2018
 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



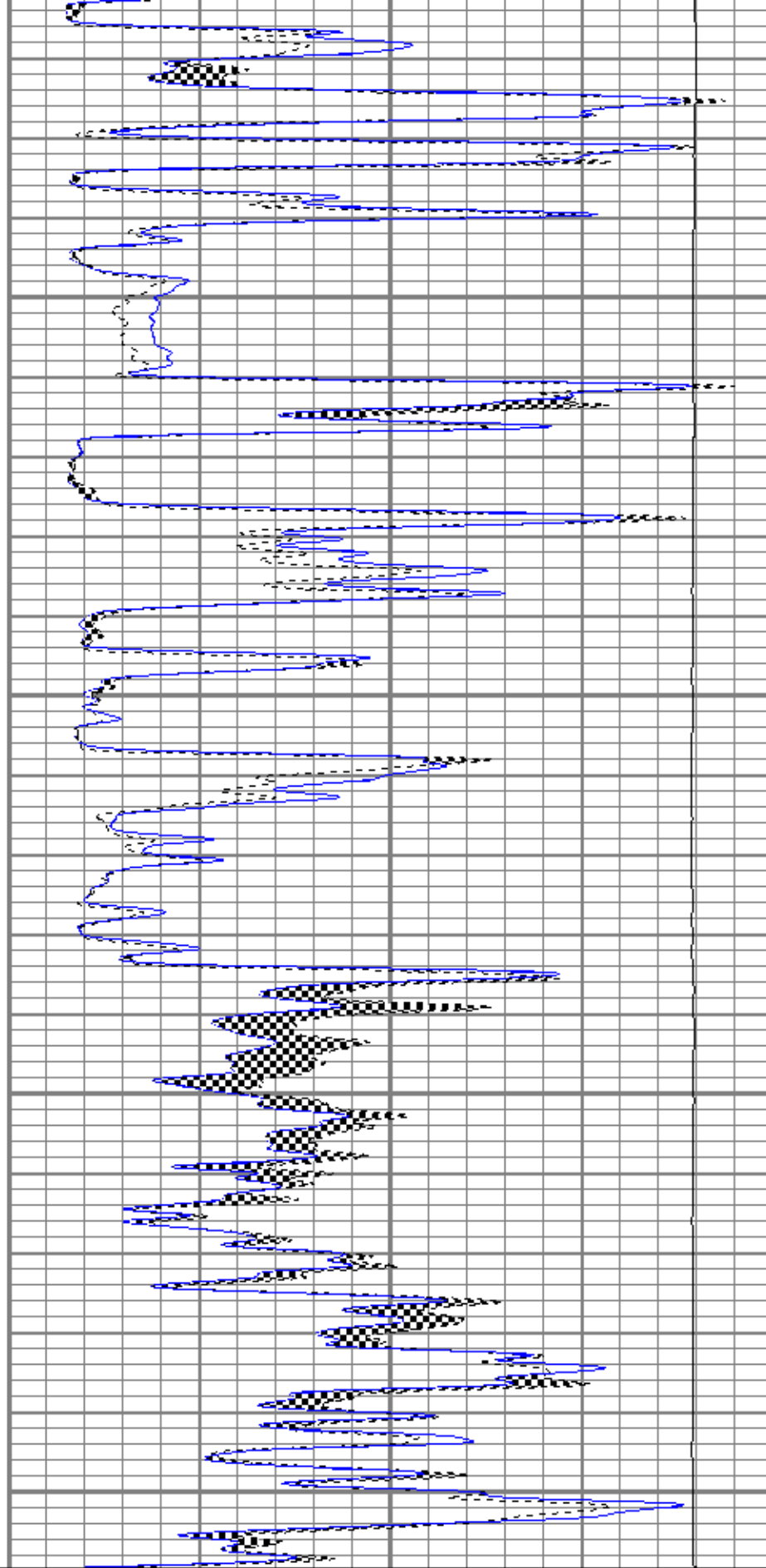
0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

3700

3750

3800

3850



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

Database File		aomcfarland2oh.db						
Dataset Pathname		pass4						
Dataset Creation		Sun May 06 10:10:30 2018						
Microlog Calibration Report								
Serial-Model:			1600-Pengo					
Performed:			Sun May 06 09:58:57 2018					
Readings								
References								
Results								
	Zero	Cal		Zero	Cal		m	b
Normal	-0.0000	0.5897	V	0.0000	10.0000	Ohm-m	16.9558	0.0004
Inverse	0.0024	0.7665	V	0.0000	9.5000	Ohm-m	12.4327	-0.0301
Caliper	1.3663	2.2079	V	6.7500	14.5000	in	9.2080	-5.8306
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: aomcfarland2oh.db: field/well/run1/pass4								
Total length: 11.38 ft								
Total weight: 145.00 lb								
O.D.: 3.50 in								