MICRO RESISTIVITY LOG

Company	Palomino Petroleum
Well	Swart Trucking, Inc. #1
Field	Wildcat
County	Gove
State	Kansas

Company Palomino Petroleum
Well Swart Trucking, Inc. #1
Field Wildcat
County Gove **State** Kansas

Location: API # : 15 063 22318
564' FNL & 1047' FWL
SEC 17 TWP 14S RGE 30W

Other Services
DIL
CDNL
BCS

Elevation
K.B. 2829'
D.F. 2828'
G.L. 2824'

Permanent Datum Ground Level Elevation 2824'
Log Measured From KB 5' AGL
Drilling Measured From KB

Date	1-30-18			
Run Number	One			
Depth Driller	4720'			
Depth Logger	4721'			
Bottom Logged Interval	4699'			
Top Log Interval	3500'			
Casing Driller	218'			
Casing Logger	218'			
Bit Size	7 7/8"			
Type Fluid in Hole	Chemical			
Density / Viscosity	9.3/62			
pH / Fluid Loss	9.0/10.4			
Source of Sample	Pit			
Rm @ Meas. Temp	1.10@65degf			
Rmf @ Meas. Temp	0.88@65degf			
Rmc @ Meas. Temp	1.41@65degf			
Source of Rmf / Rmc	Calculated			
Rm @ BHT	.60@119degf			
Time Circulation Stopped	12:30 a.m.			
Time Logger on Bottom	5:45 a.m			
Maximum Recorded Temperature	119degf			
Equipment Number	T127			
Location	Hays, KS			
Recorded By	C.Patterson			
Witnessed By	Mr. Andrew Stenzel			

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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

South from the center of Gove City to Rd. I(aprox 10 mi)
Then West 9 mi. To Lease Road On North Side ,
North in on Lease Road for 1 1/2 mi to location

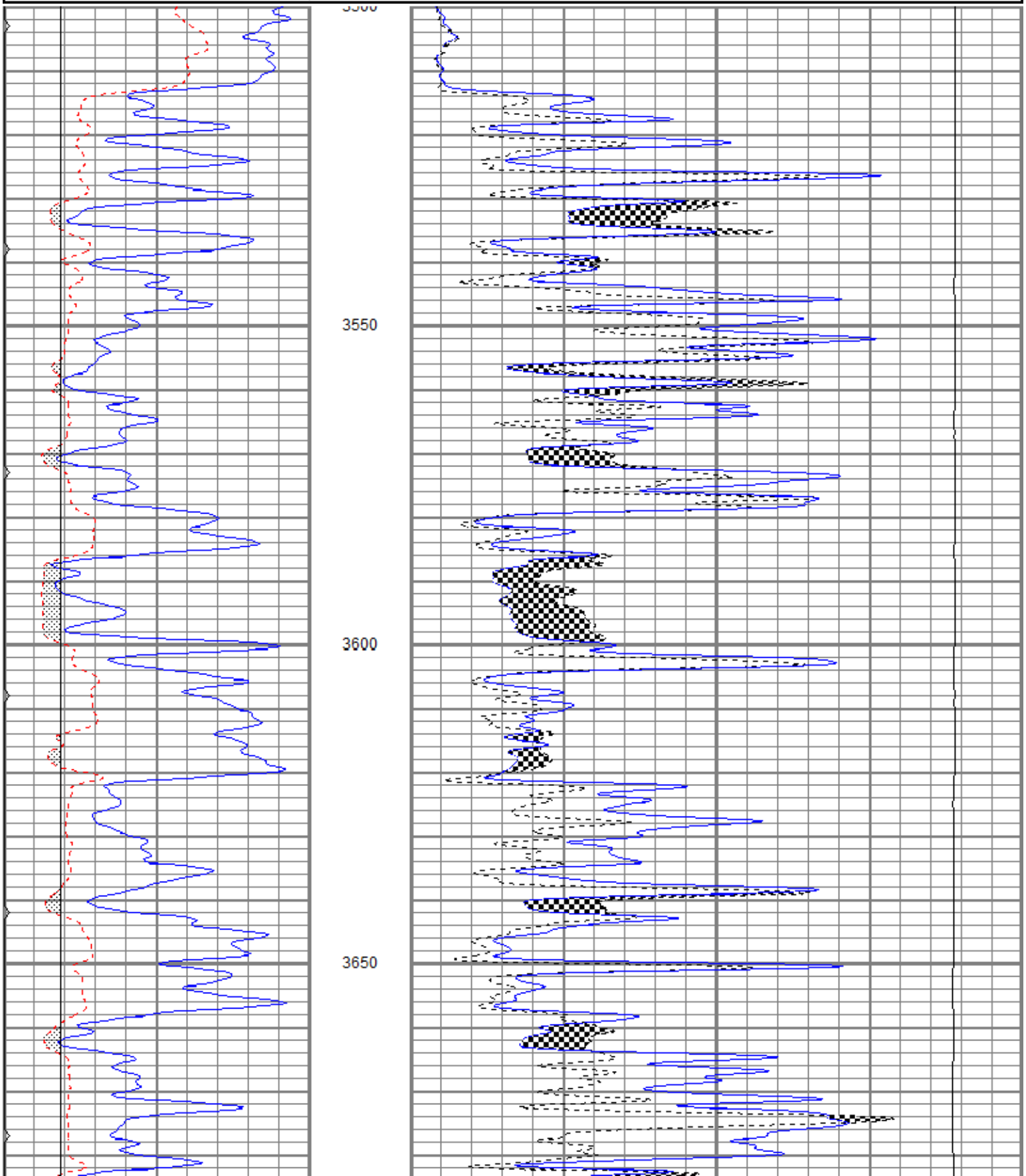
Thanks for using Gemini Wireline LLC
785-625-1182

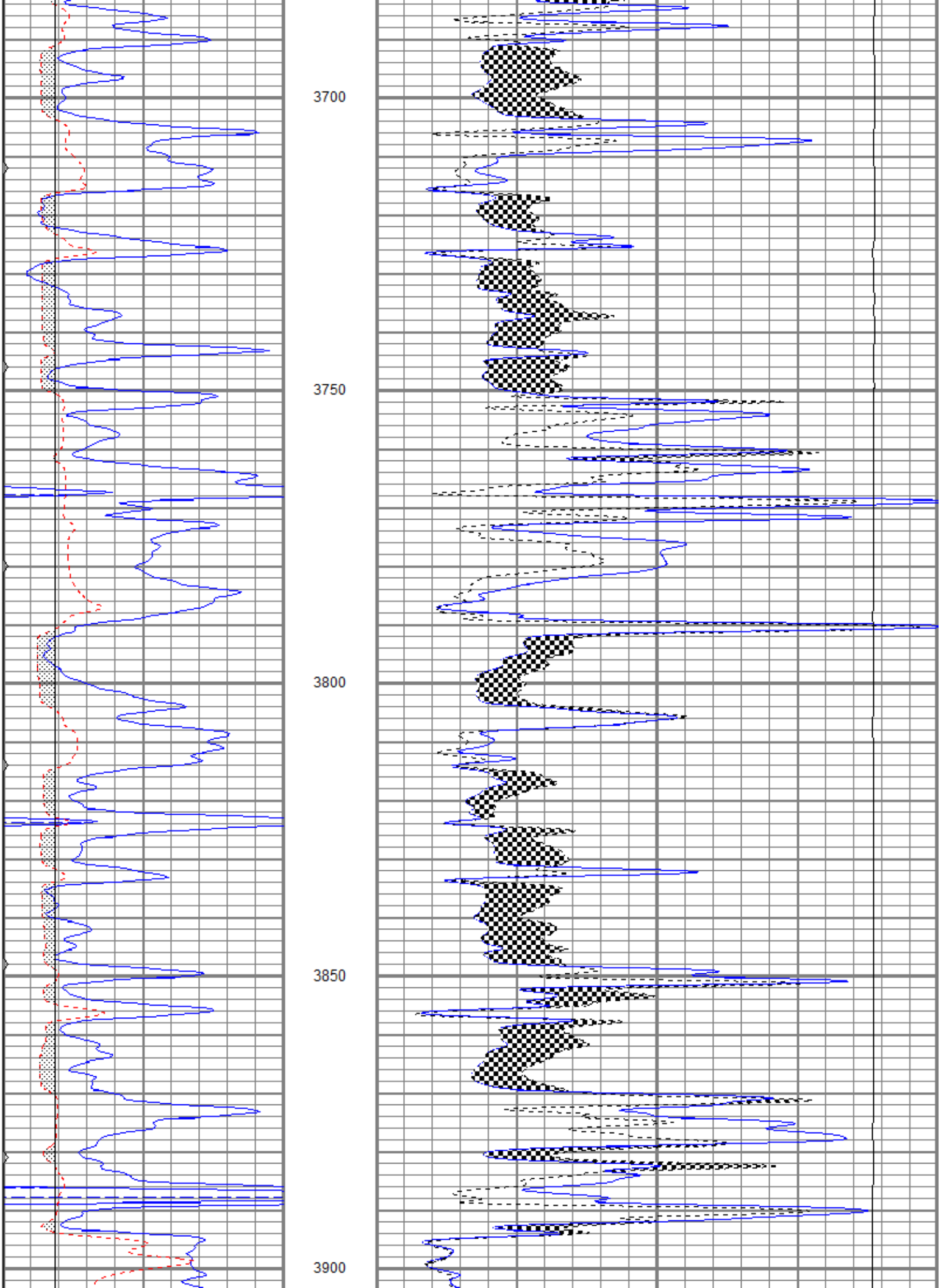
MAIN PASS

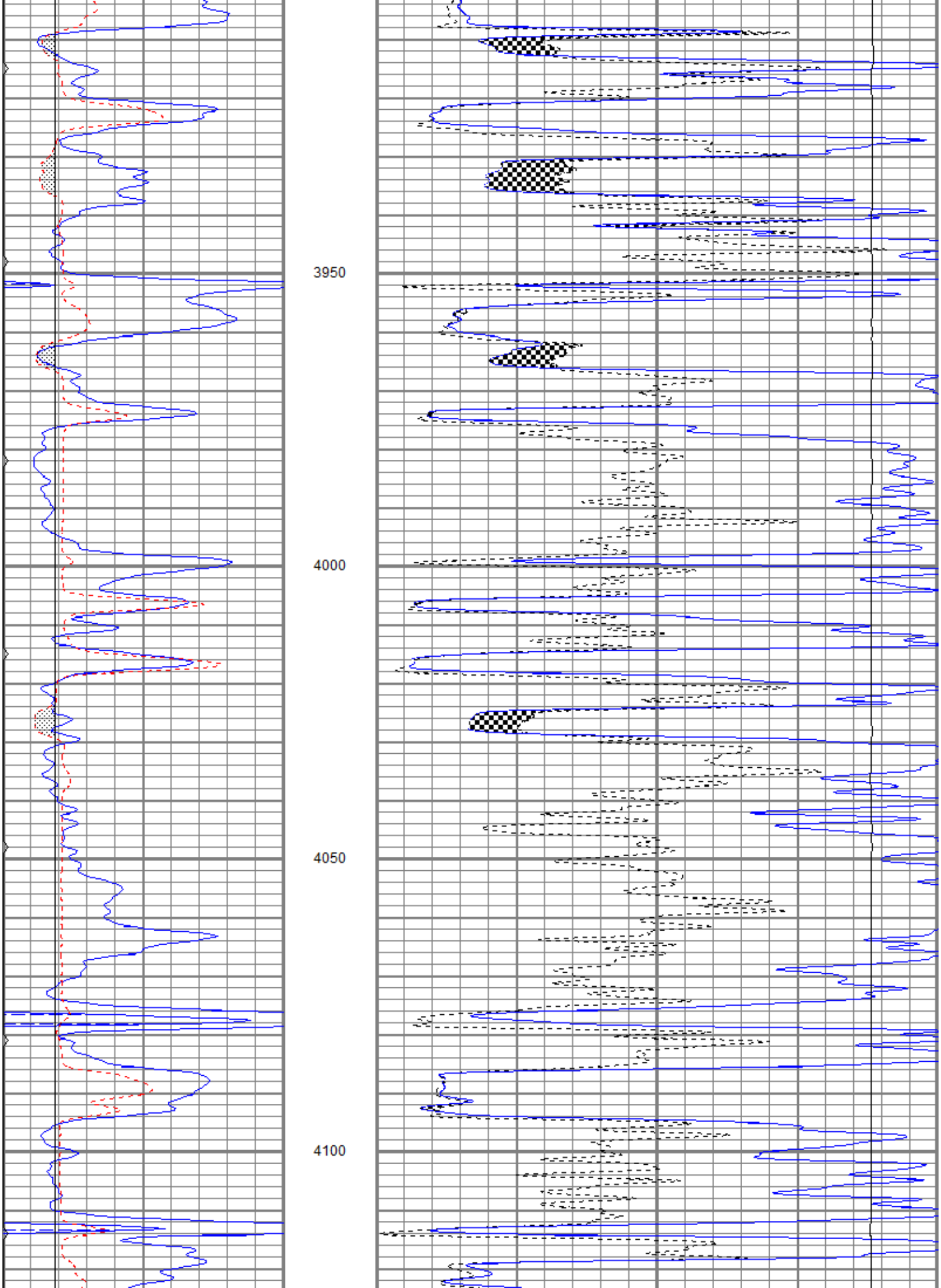
Database File	ppswarttruckinginc1oh.db
Dataset Pathname	pass6
Presentation Format	kml
Dataset Creation	Tue Jan 30 06:37:31 2018
Charted by	Depth in Feet scaled 1:240

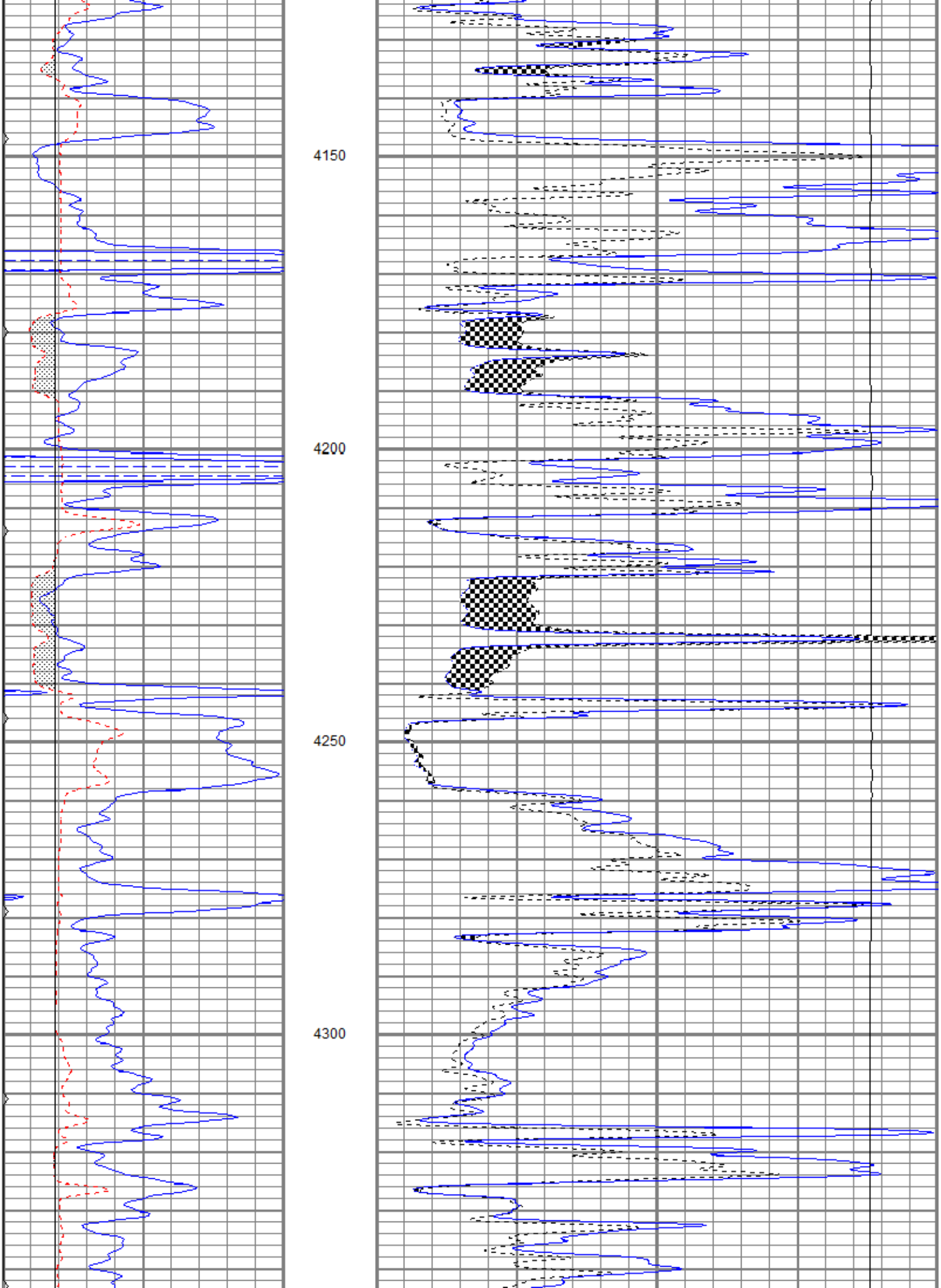
0	GR (GAPI)	150
6	MCAL (in)	16
6	BOREID (in)	16
0	MINMK	50

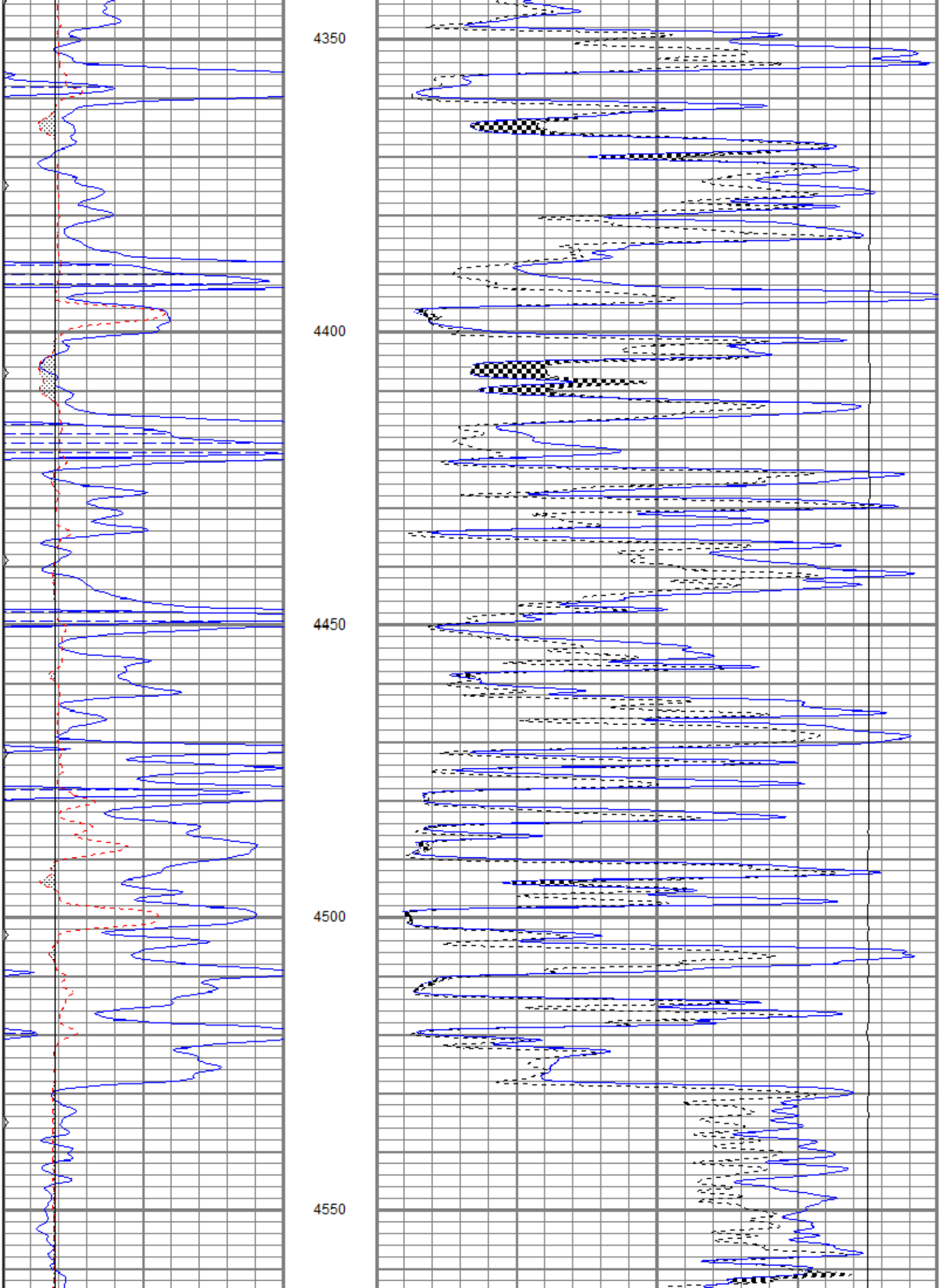
0	MN 2" (Ohm-m)	20
0	MI 1" (Ohm-m)	20
10000	LTEN (lb)	0

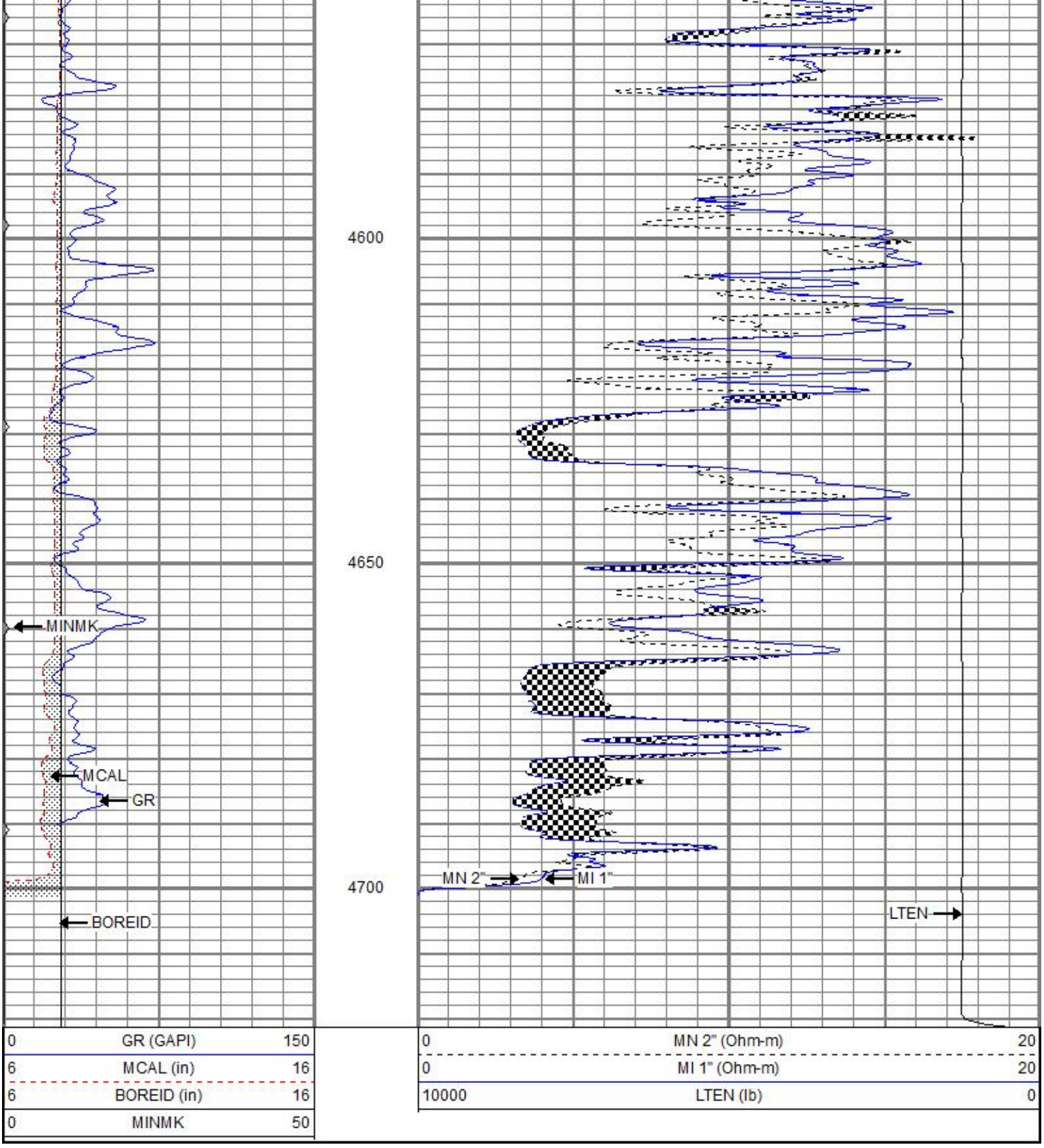



3700
3750
3800
3850
3900


3950
4000
4050
4100


4150
4200
4250
4300


4350
4400
4450
4500
4550

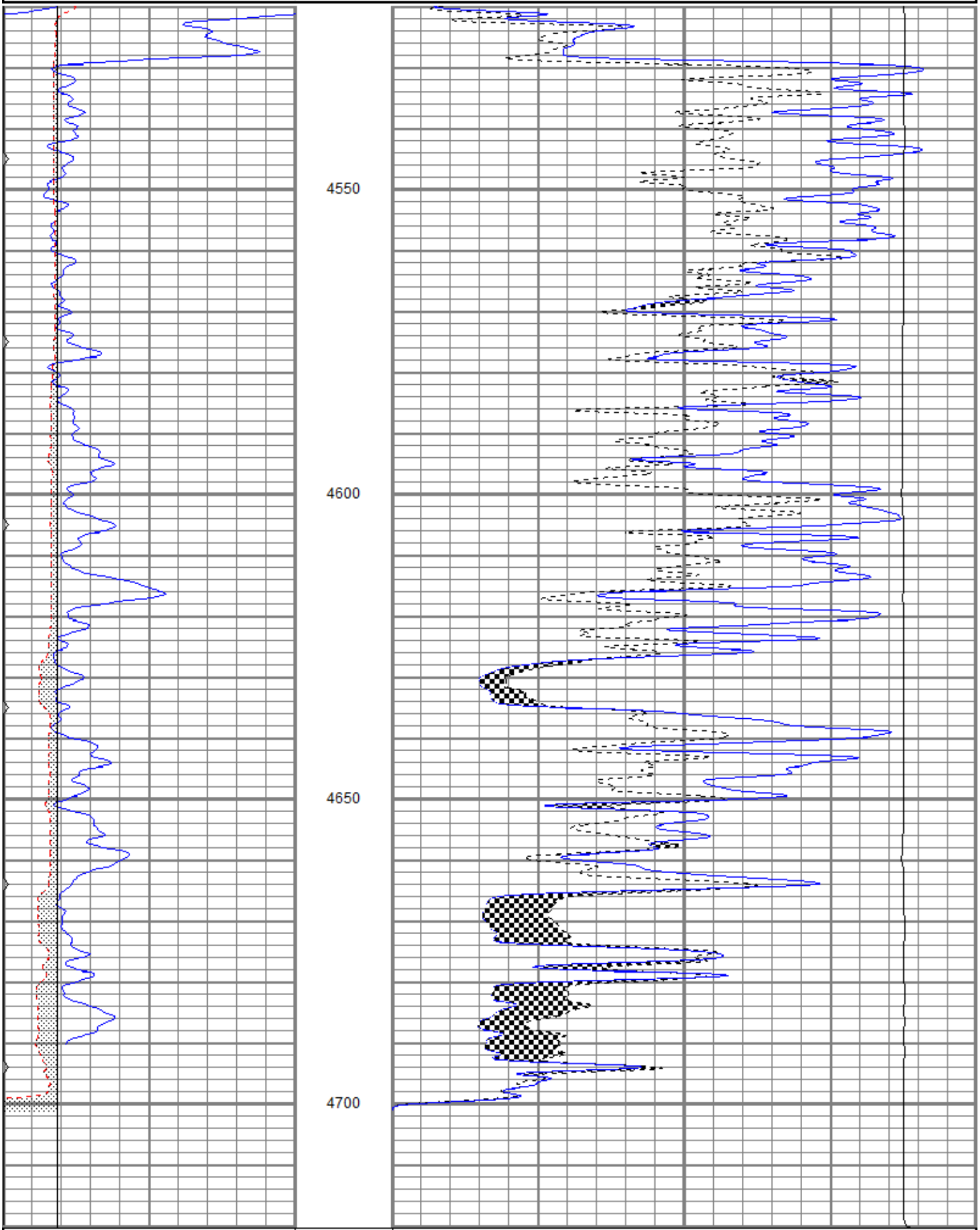


REPEAT SECTION

Database File	ppswarttruckinginc1oh.db
Dataset Pathname	pass5
Presentation Format	kml
Dataset Creation	Tue Jan 30 06:26:45 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

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

Calibration Report

Database File ppswarttruckinginc1oh.db
Dataset Pathname pass6
Dataset Creation Tue Jan 30 06:37:31 2018

Microlog Calibration Report

Serial-Model: 1600-Pengo
Performed: Tue Jan 30 06:23:14 2018

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0004	0.5934	V	0.0000	10.0000	Ohm-m	16.8626	-0.0069
Inverse	0.0006	0.7767	V	0.0000	8.5000	Ohm-m	10.9523	-0.0061
Caliper	1.3663	2.2079	V	6.5500	14.0000	in	8.8516	-5.5436

Gamma Ray Calibration Report

Serial Number: 2001
Tool Model: OH
Performed: Sun Nov 12 16:26:41 2017

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)
			CHD-STD	0.50	1.69	1.00
GR	28.34		GR-OH (2001) 2001	3.56	3.25	40.00
MCAL	21.51		ML-Pengo (1600)	6.97	3.50	100.00
MI	21.51					
MN	21.51					
WVF4	14.25		SLT-G (372) Sonic	15.71	3.50	250.00
WVF3	13.25					
WVF2	10.25					
WVF1	9.25		CENT-OHlong Open Hole long Centralizer	4.50	3.50	50.00

Dataset: ppswarttruckinginc1oh.db: field/well/run1/pass6
Total length: 31.24 ft
Total weight: 441.00 lb
O.D.: 3.50 in