



MICRORESISTIVITY LOG

MIDWEST WIRELINE

Company Berexco, LLC		Company Berexco, LLC	
Well FKS Unit #1-18		Well FKS Unit #1-18	
Field Unnamed		Field Unnamed	
County Kearny		County Kearny	
State Kansas		State Kansas	
Location: API #: 15-093-21985-00-00		Other Services	
2510' FSL & 1315' FEL		CNL/CDL DIL/BHCS	
SEC 18 TWP 21S RGE 35W			
Permanent Datum	Ground Level	Elevation	3172'
Log Measured From	Kelly Bushing		K.B. 3181'
Drilling Measured From	Kelly Bushing		D.F. N/A
			G.L. 3172'
Date	5/24/2021		
Run Number	Two		
Depth Driller	5050'		
Depth Logger	5056'		
Bottom Logged Interval	5055'		
Top Log Interval	3850'		
Casing Driller	8.625" @ 432'		
Casing Logger	431'		
Bit Size	7.875"		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	8000		
Density / Viscosity	9.5 62		
pH / Fluid Loss	10.0 9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.40 @ 60		
Rmt @ Meas. Temp	0.30 @ 60		
Rmc @ Meas. Temp	0.54 @ 60		
Source of Rmt / Rmc	CHARTS		
Rm @ BHT	0.19 @ 127		
Operating Rig Time	5 Hours		
Max Rec. Temp. F	127		
Equipment Number	P-24		
Location	HAYS		
Recorded By	D. Schmidt		
Witnessed By	Edwin Grieves		

<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not 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.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Scott City,
South to County Line, West to County Rd T,
3 South, 1/8 West,
North into

Log Measured From: Kelly Bushing

9 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew

Engineer: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Edwin Grieves
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\ProgramData\Warrior\Data\berexco_fks unit 1-18.db

Dataset field/well/stack/pass3.3/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in	degF	in	in	g/cc	2	g/cc
	7.875	127	5.5	0	1		2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	No	mmho/m	mmho/m	mV	degF	Off	ft
		0	0	390	60		5056

Variable Description

A : Cement Factor (a)
 BOREID : Borehole I.D.
 BOTTEMP : Bottom Hole Temperature
 CASEOD : Casing O.D.
 CASETHCK : Casing Thickness
 FLUIDDEN : Fluid Density
 M : Cement Exp (m)
 MATRXDEN : Matrix Density

NPORSEL : Neutron Porosity Curve Select
 PERFS : Perforation Flag
 SNDERR : Deep Sonde Error Correction
 SNDERRM : Medium Sonde Error Correction
 SPSHIFT : S.P. Baseline Offset
 SRFTEMP : Surface Temperature
 SZCOR : CN Size Cor. ?
 TDEPTH : Total Depth



MIDWEST WIRELINE

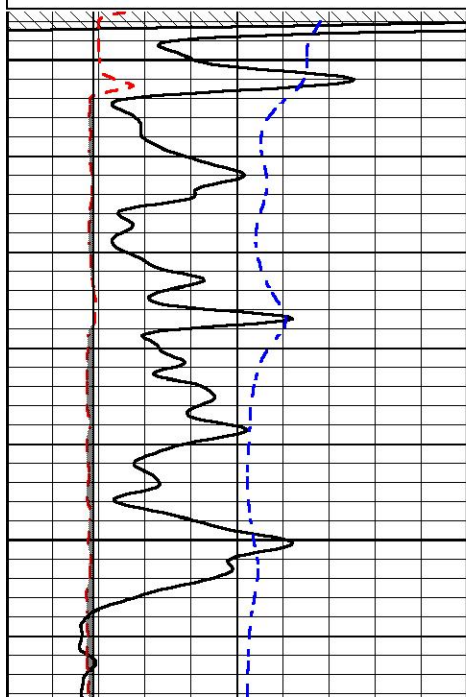
DETAIL SECTION

MAIN PASS

Database File berexco_fks unit 1-18.db
 Dataset Pathname stack/pass5.1
 Presentation Format _micro
 Dataset Creation Mon May 24 05:40:06 2021
 Charted by Depth in Feet scaled 1:240

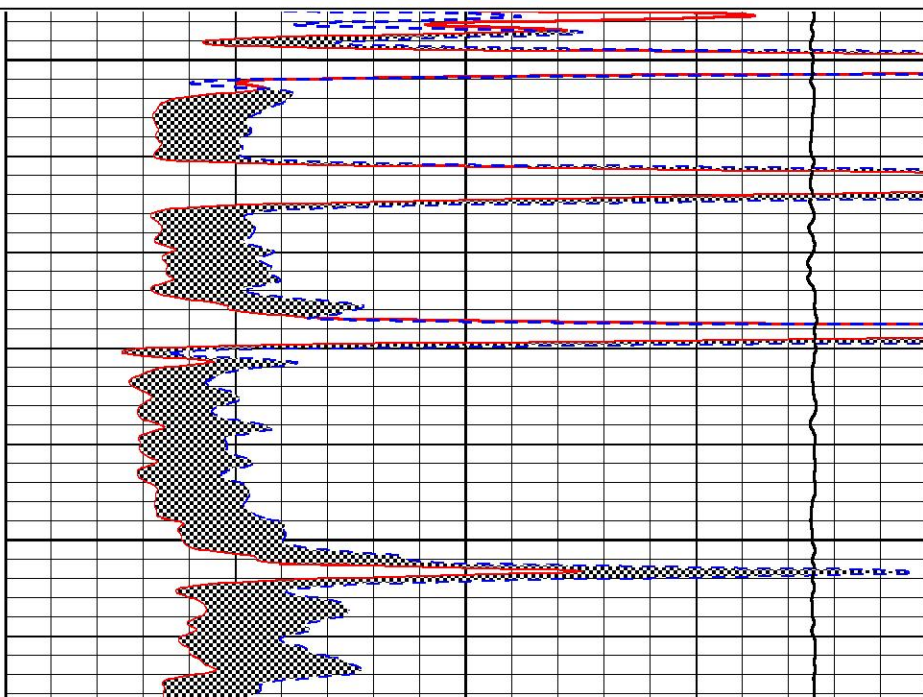
0	GAMMA RAY (GAPI)	150
6	MCAL (in)	16
6	Bit Size (in)	16
-200	sp (mV)	0

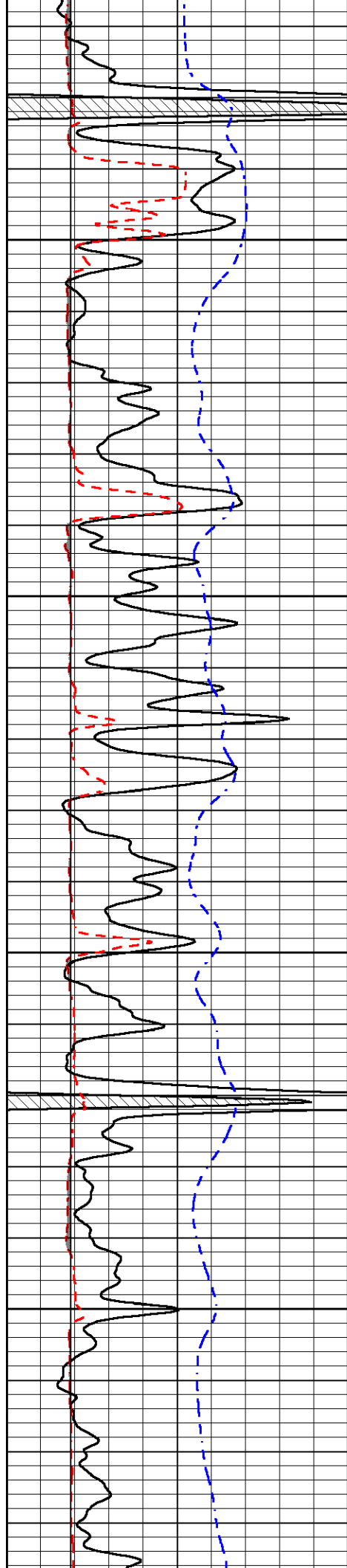
0	MICRO INVERSE 1 X 1 (Ohm-m)	40
0	MICRO NORMAL 2" (Ohm-m)	40
10000	Line Weight (lb)	0



3850

3900



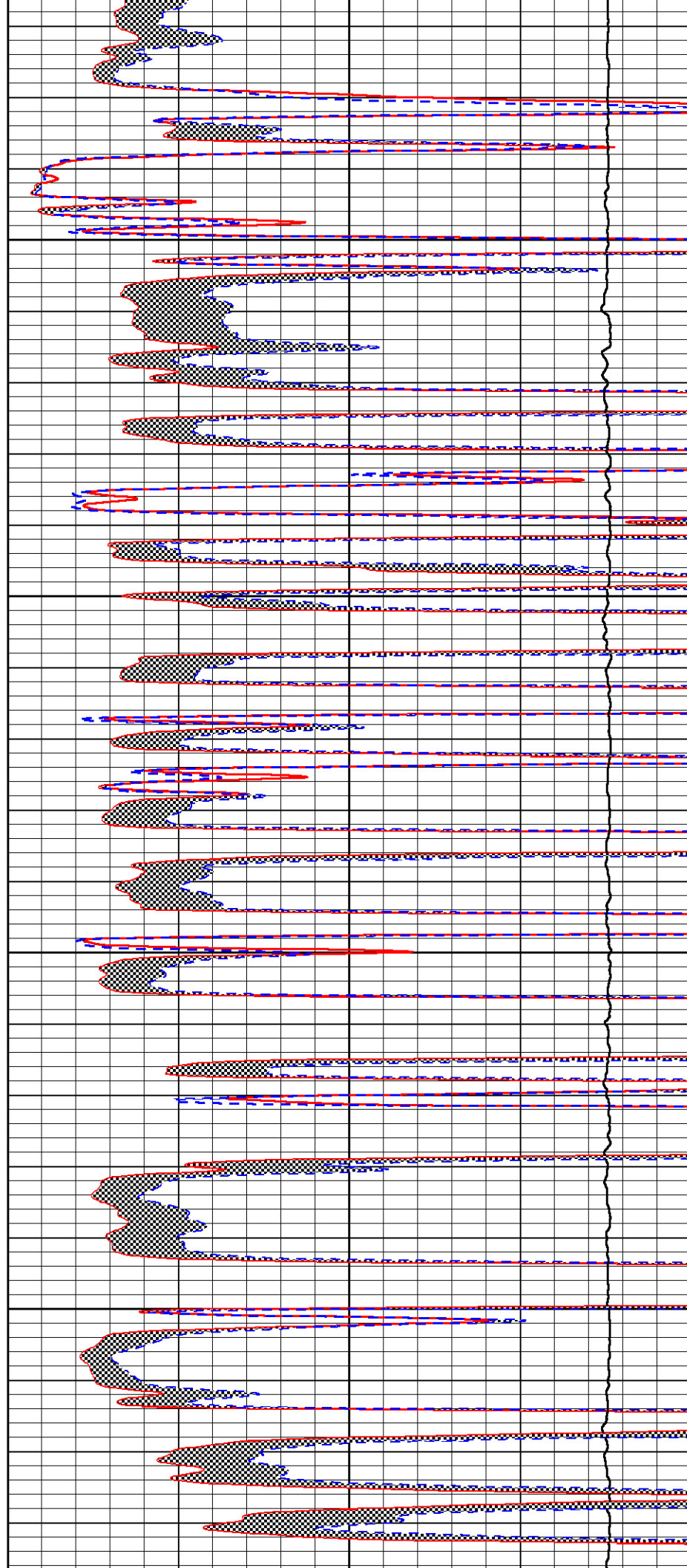


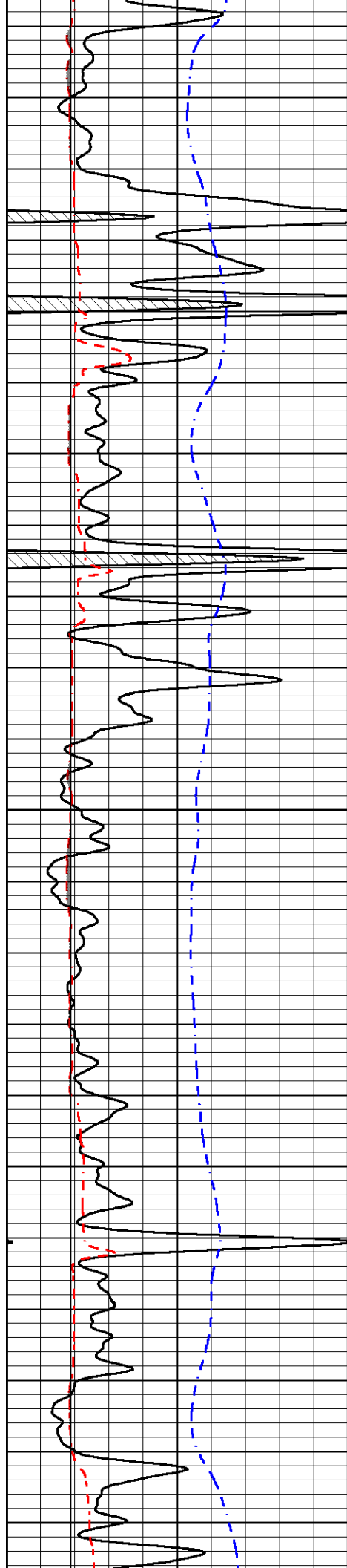
3950

4000

4050

4100





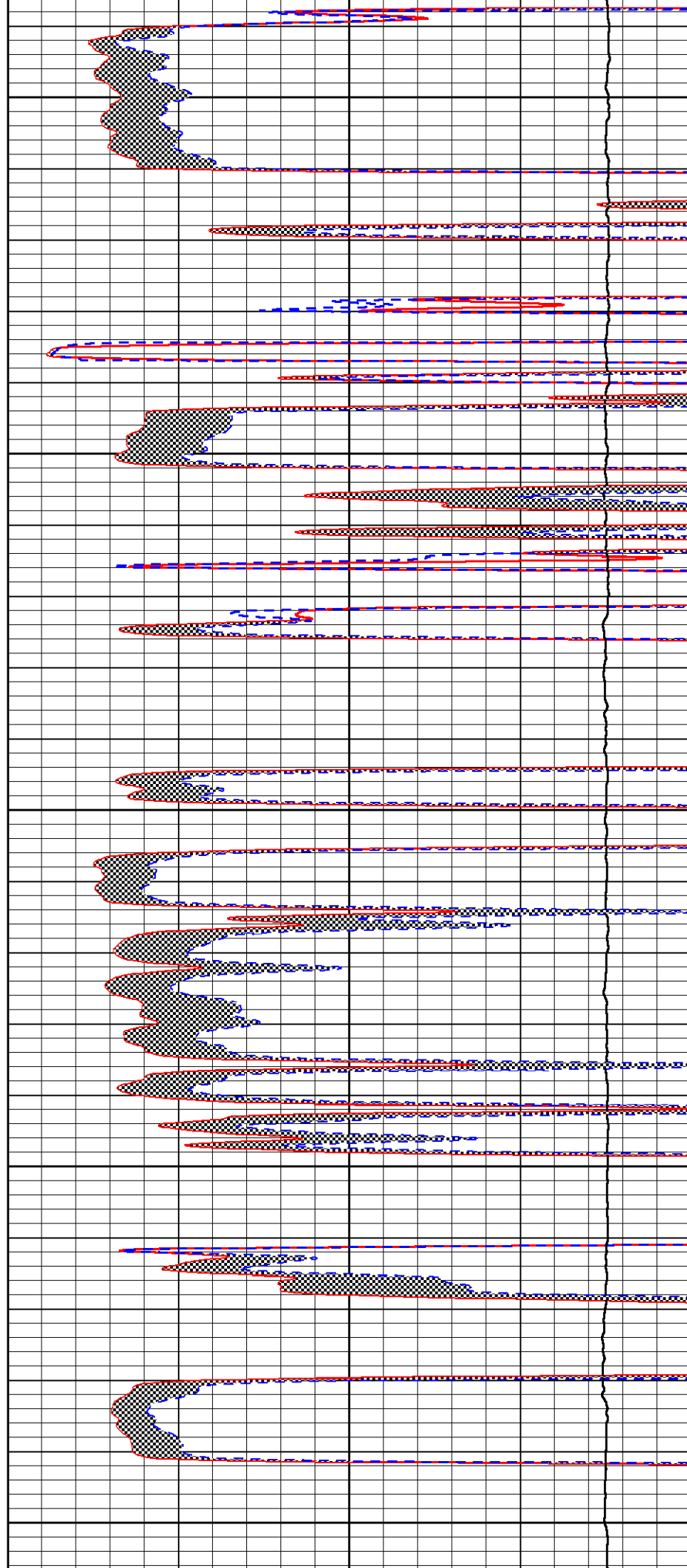
4150

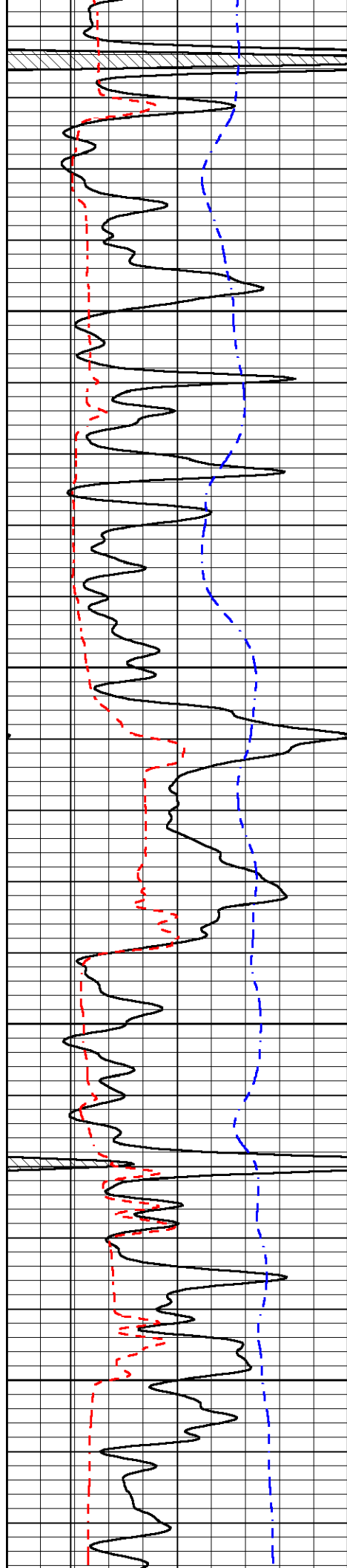
4200

4250

4300

4350



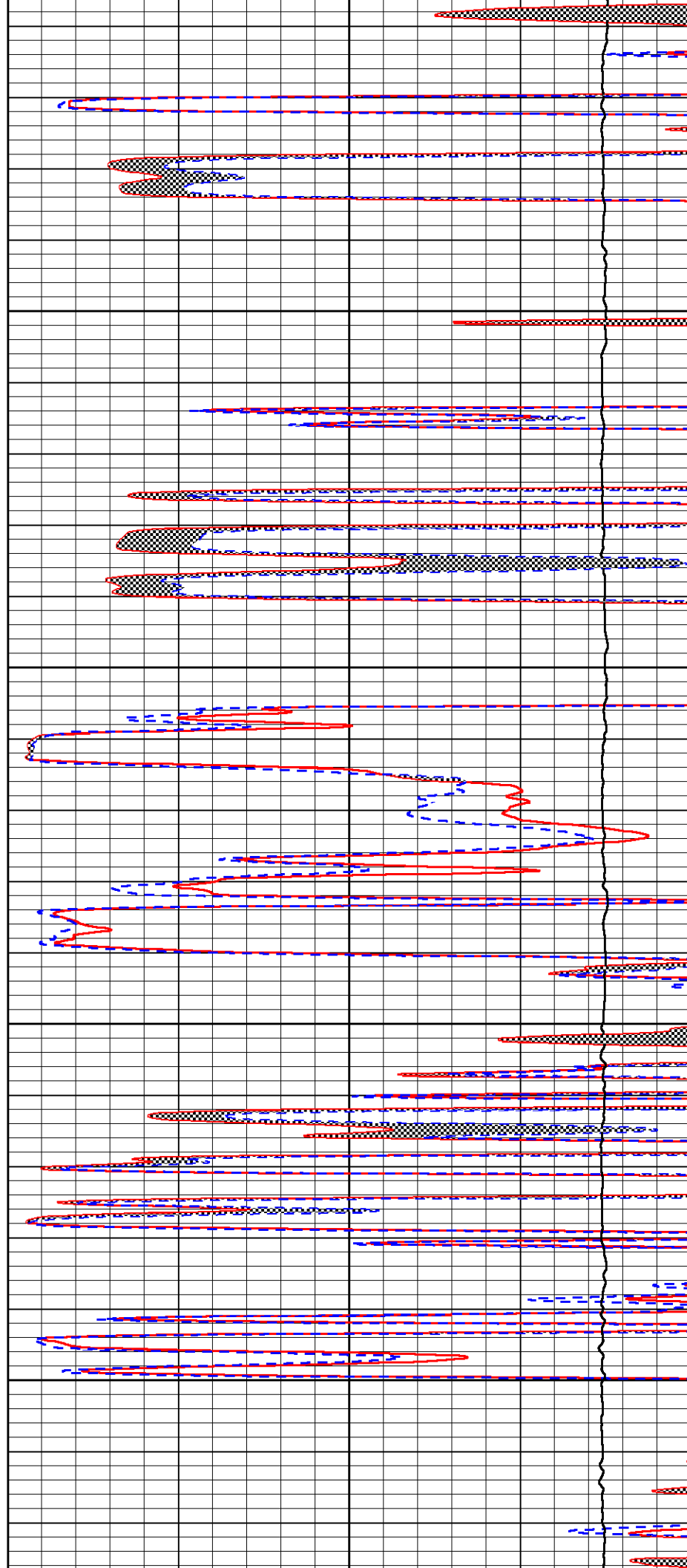


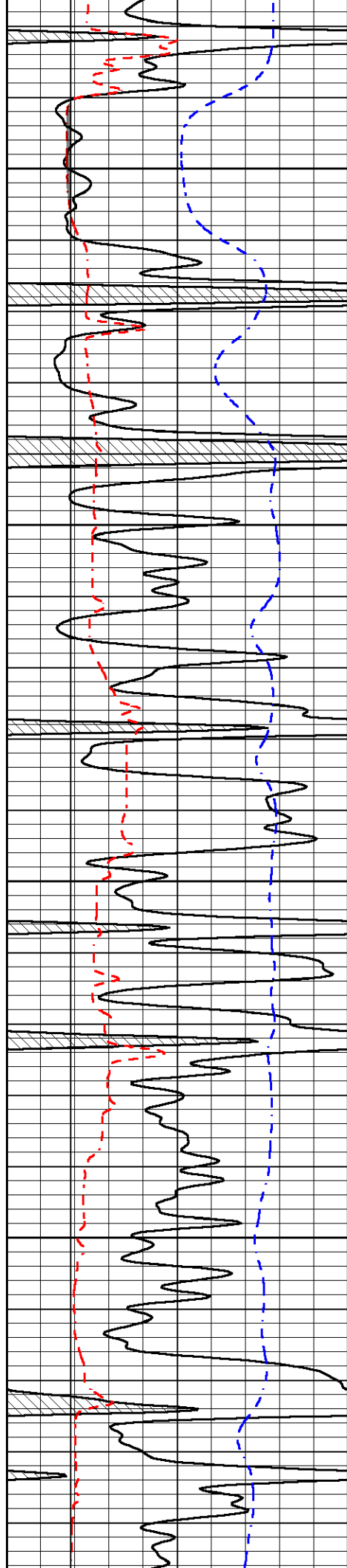
4400

4450

4500

4550



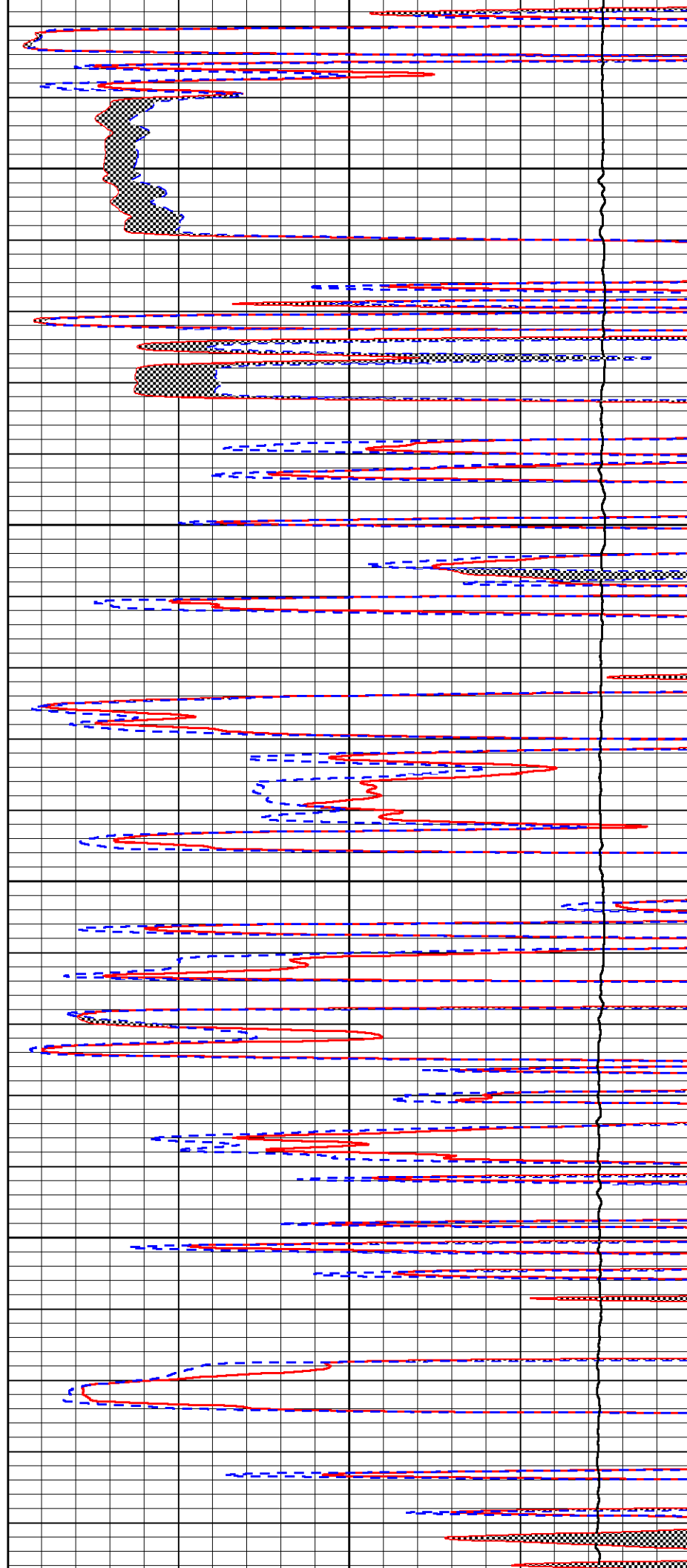


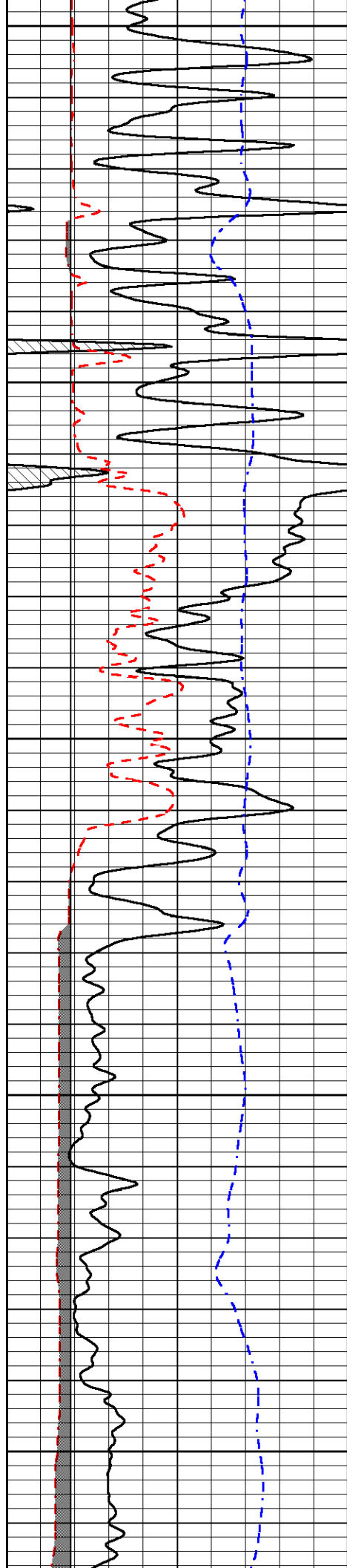
4600

4650

4700

4750





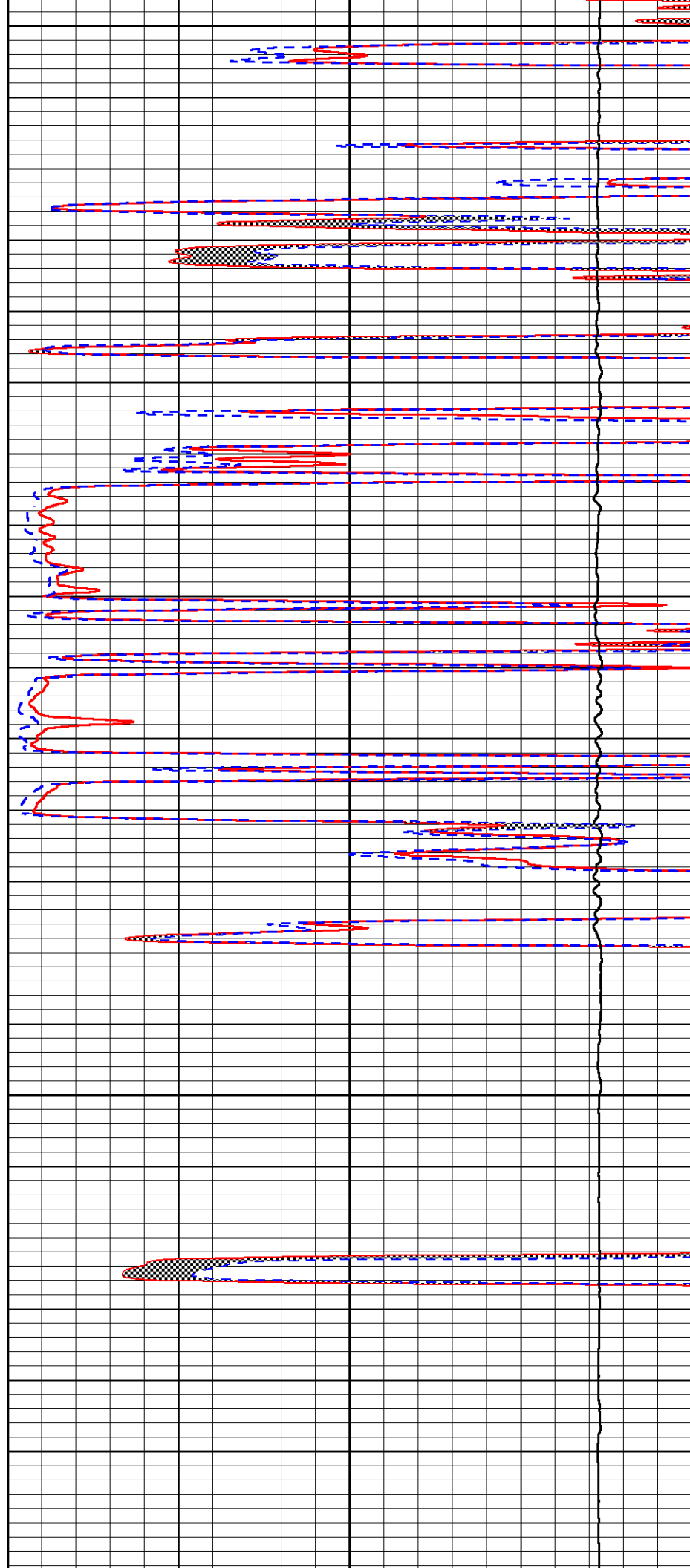
4800

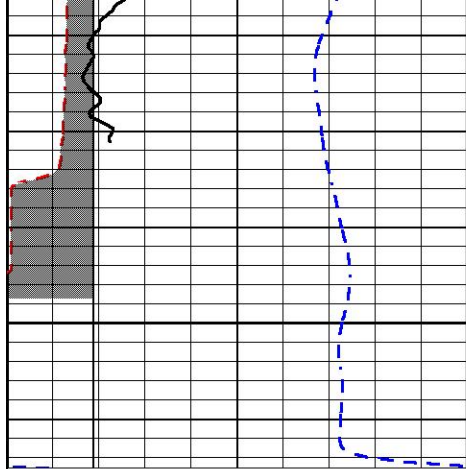
4850

4900

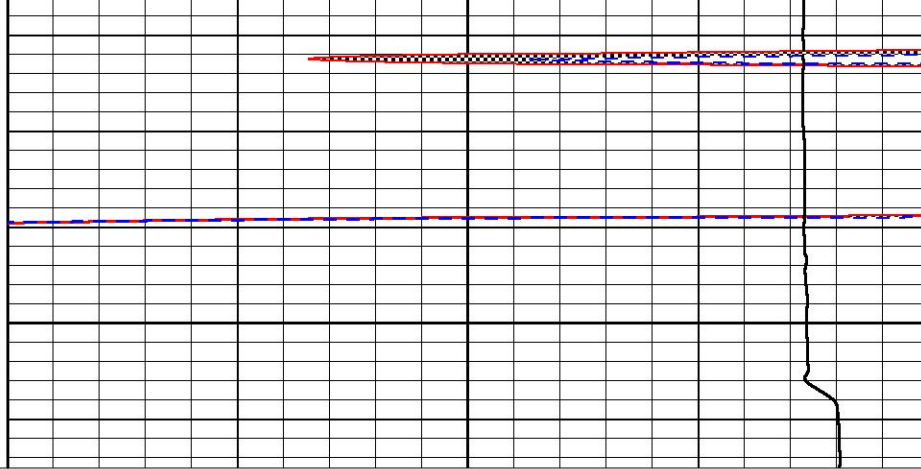
4950

5000





5050



0	GAMMA RAY (GAPI)	150
6	MCAL (in)	16
6	Bit Size (in)	16
-200	sp (mV)	0

0	MICRO INVERSE 1 X 1 (Ohm-m)	40
0	MICRO NORMAL 2" (Ohm-m)	40
10000	Line Weight (lb)	0



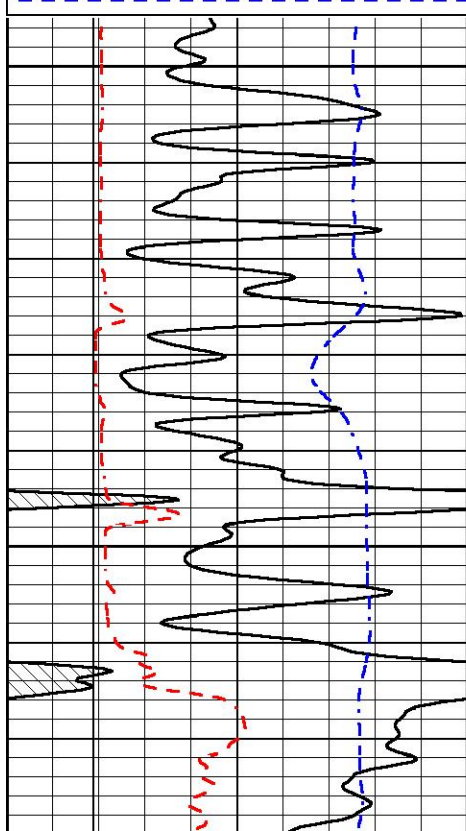
MIDWEST WIRELINE

REPEAT SECTION

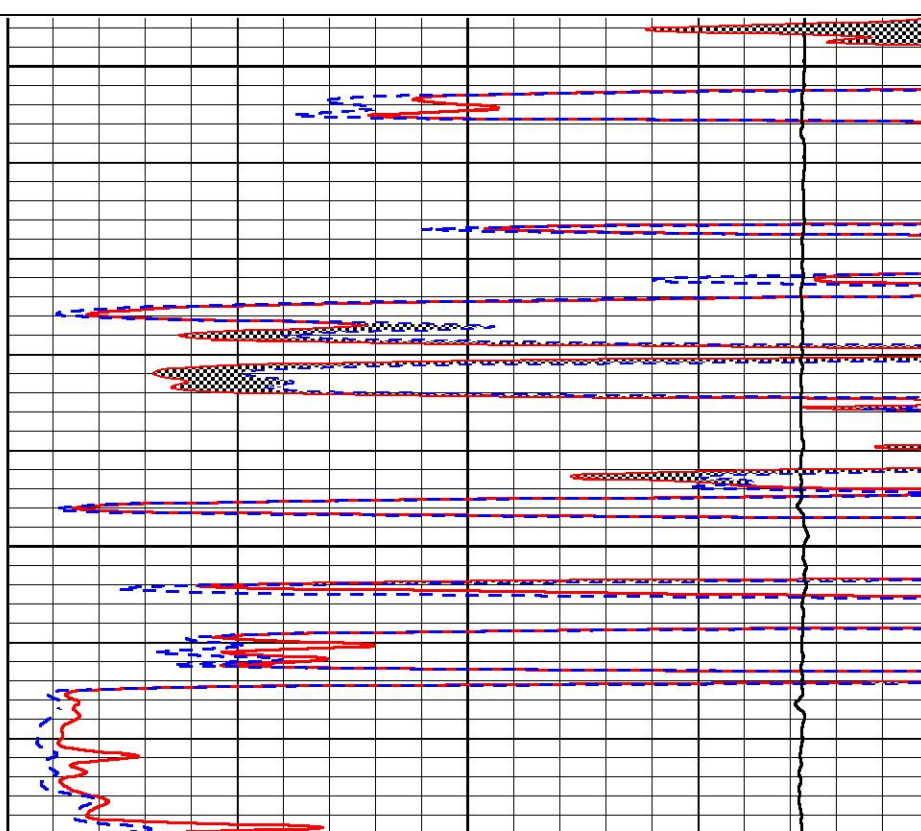
Database File berexco_fks unit 1-18.db
 Dataset Pathname stack/pass2.1
 Presentation Format _micro
 Dataset Creation Mon May 24 05:40:56 2021
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MCAL (in)	16
6	Bit Size (in)	16
-200	sp (mV)	0

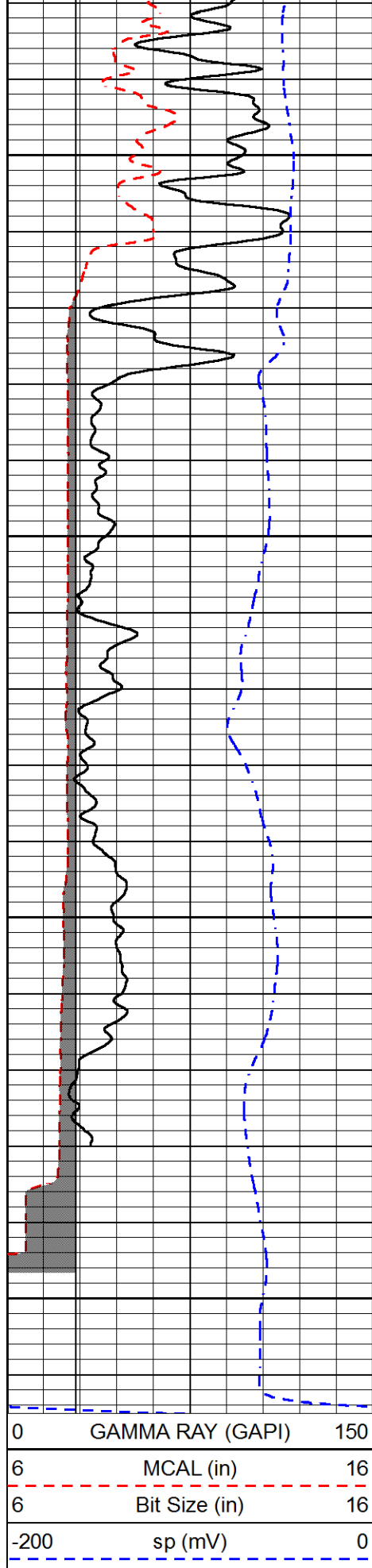
0	MICRO INVERSE 1 X 1 (Ohm-m)	40
0	MICRO NORMAL 2" (Ohm-m)	40
10000	Line Weight (lb)	0



4800



4850

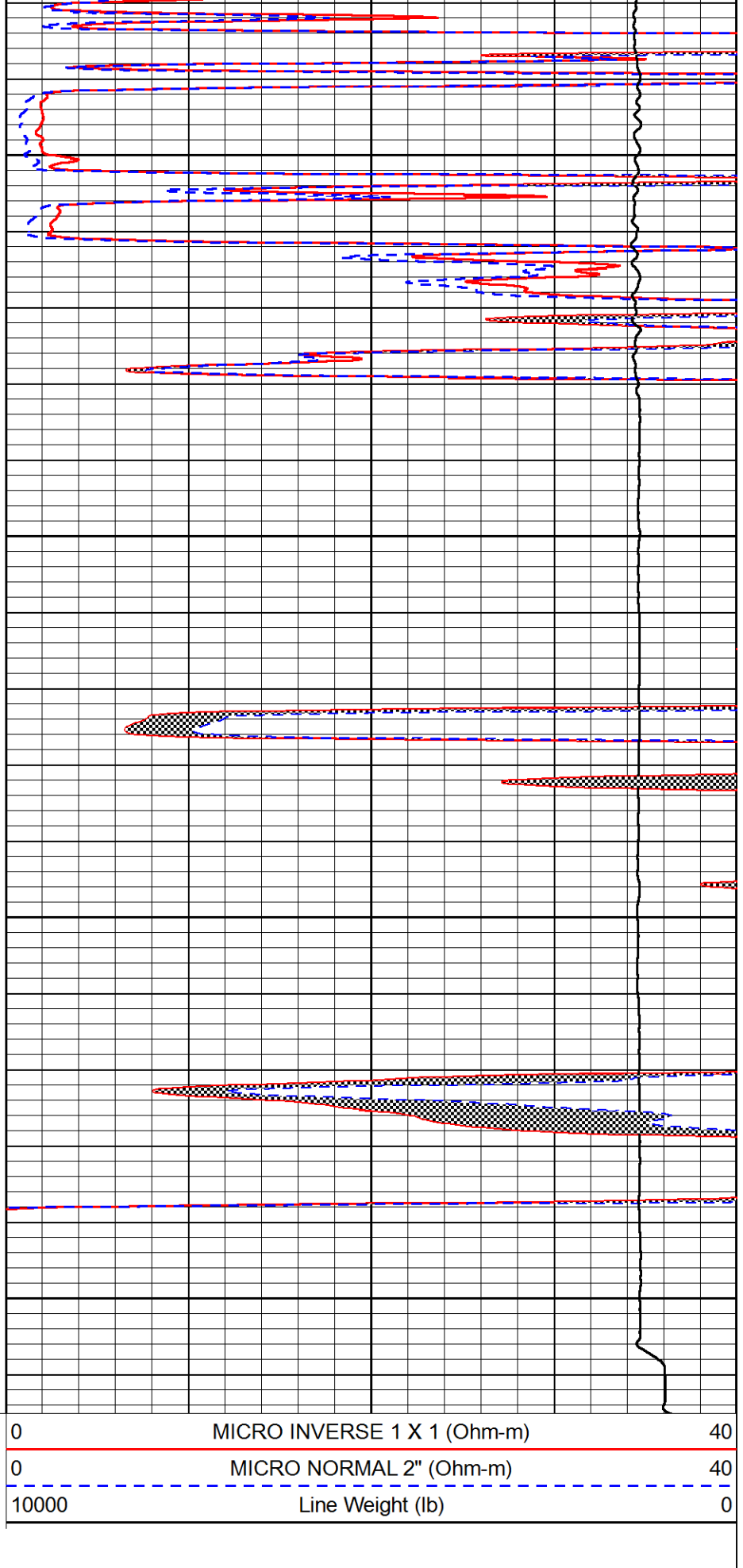


4900

4950

5000

5050



Company Berexco, LLC



MIDWEST WIRELINE

Well	FKS Unit #1-18
Field	Unnamed
County	Kearny
State	Kansas