



MIDWEST WIRELINE

MICRORESISTIVITY LOG

Company Arcadian Resources
 Well A. B. Fischer #14-3
 Field
 County Cheyenne State Kansas

Location: API #: 15-023-21556-00-00
 2310 FNL 990 FWL
 SEC 14 TWP 5S RGE 37W

Other Services
 CNL/CDL
 DIL/BHCS

Permanent Datum Ground Level Elevation 3371
 Log Measured From Kelly Bushing
 Drilling Measured From Kelly Bushing

K.B. 3376
 D.F.
 G.L. 3371

Date	11/2/2021
Run Number	One
Depth Driller	4800
Depth Logger	4800
Bottom Logged Interval	4799
Top Log Interval	3800
Casing Driller	8.625 @ 367
Casing Logger	326
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	500
Density / Viscosity	9.6 46
pH / Fluid Loss	8.5 10.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	0.95 @ 55
Rmt @ Meas. Temp	0.71 @ 55
Rmc @ Meas. Temp	1.28 @ 55
Source of Rmf / Rmc	CHARTS
Rm @ BHT	0.42 @ 124
Operating Rig Time	5 Hours
Max Rec. Temp. F	124
Equipment Number	P-24
Location	HAYS
Recorded By	D. Schmidt
Witnessed By	Jim Deverman

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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.

Brewster,
 North to EE Rd, West to 34,
 North to D Rd, 1 West, 1/2 North,
 East into

Log Measured From: Kelly Bushing 5 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew		This Log Record Was Witnessed By	
Engineer: D. Schmidt	Operator:	Primary Witness: Jim Deverman	Secondary Witness:
Operator:	Operator:	Secondary Witness:	Secondary Witness:
Operator:		Secondary Witness:	

Operator	Offset (ft)	Substrate	Description	Length (ft)	C.D. (in)	Weight (lb)
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Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.58		GR-M&W (233-M&W)	3.00	3.50	50.00
CNLSC CNSSC	37.48 36.73		CNT-M&W (207-MW)	5.50	3.50	100.00
LSD DCAL SSD	28.43 28.42 27.93		CDL-M&W (934-226)	8.50	4.00	250.00
MCAL MI MN	19.83 19.83 19.83		ML-PSIML (PSI-01) GO Micro log tools converted to Simplec electronics	7.58	4.00	65.00
RLL3F RLL3	15.80 15.80					
CILD	8.00		DIL-PSI HIGH TEMP (952-828)	18.50	3.50	220.00
CILM	4.70					
SP	0.20					

Dataset: arcadian resources_a b fischer 14-3.db: field/well/stkml/pass3.5
 Total length: 43.08 ft
 Total weight: 685.00 lb
 O.D.: 4.00 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\arcadian resources_a b fischer 14-3.db
 Dataset field/well/stkml/pass3.5/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	124	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	0	0	185	40	Off	4800

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



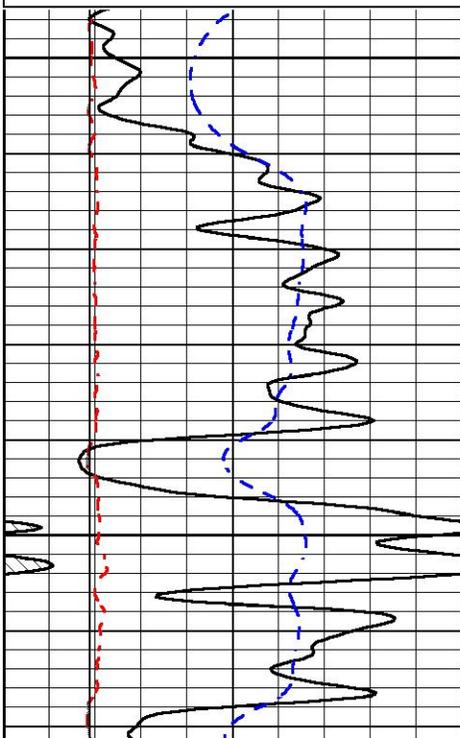
DETAIL SECTION

MAIN PASS

Database File arcadian resources_a b fischer 14-3.db
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 Presentation Format _micro
 Dataset Creation Tue Nov 02 14:04:51 2021
 Charted by Depth in Feet scaled 1:240

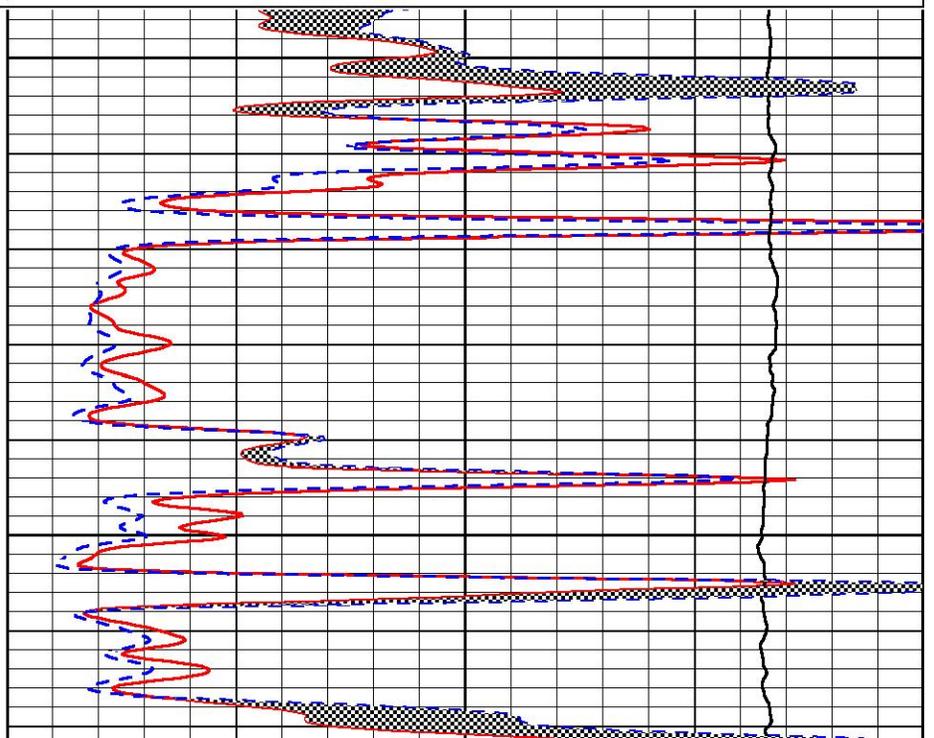
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
-200	SP (mV)	0

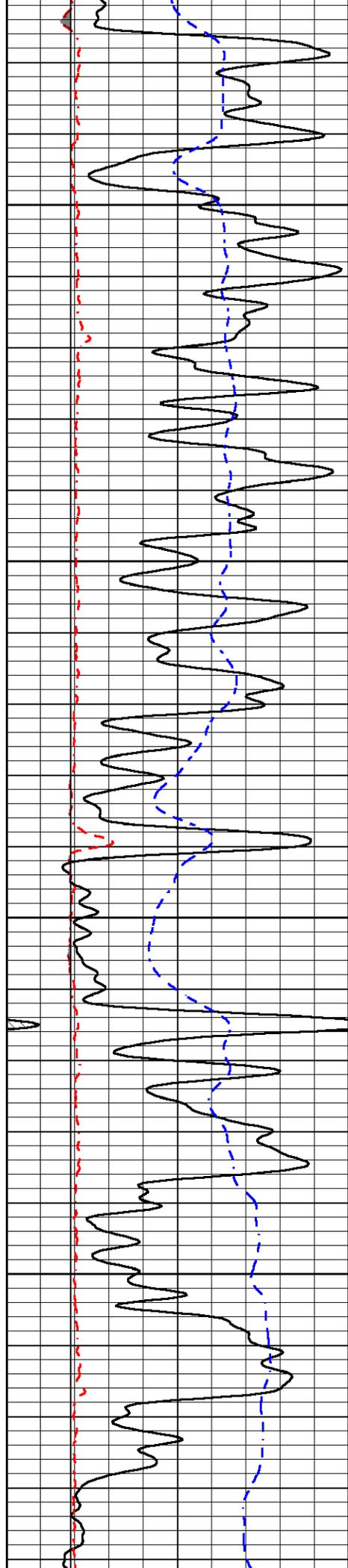
0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0



3800

3850



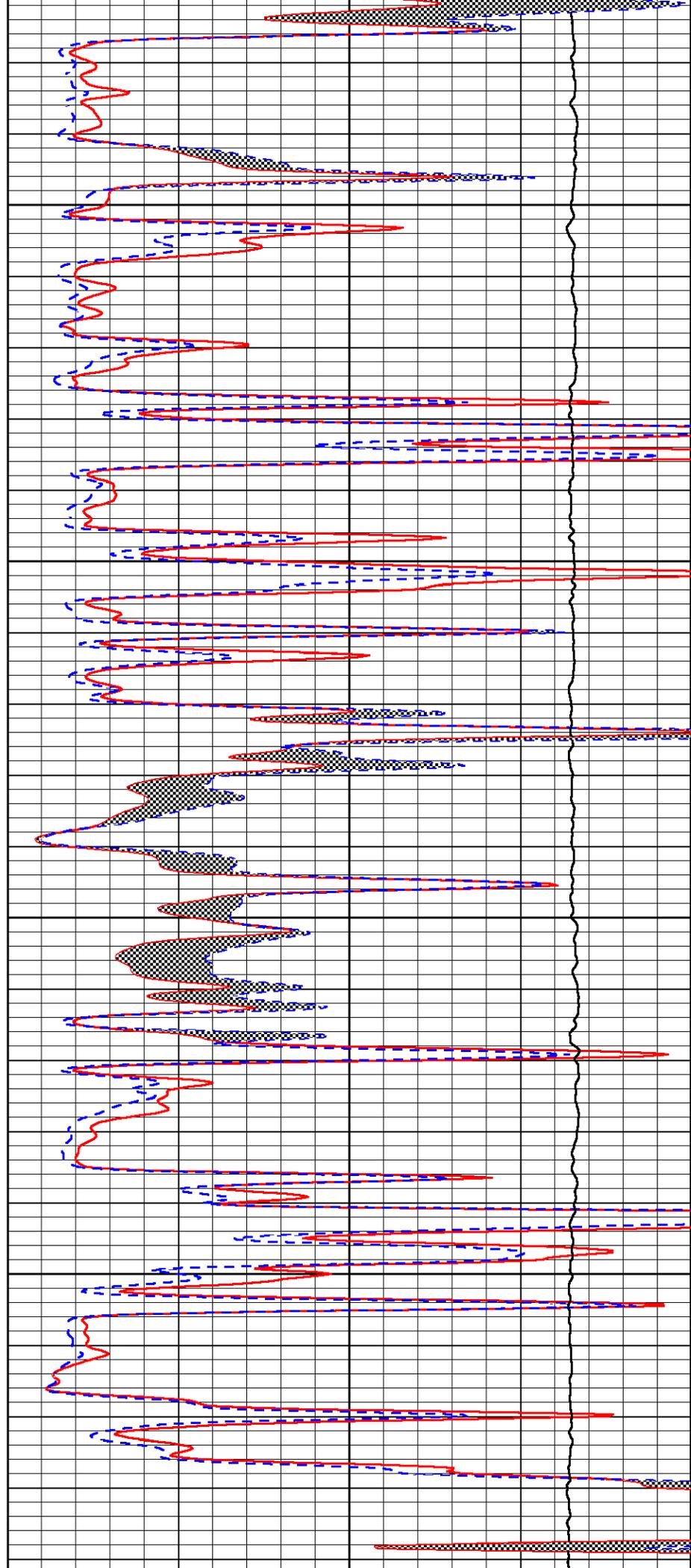


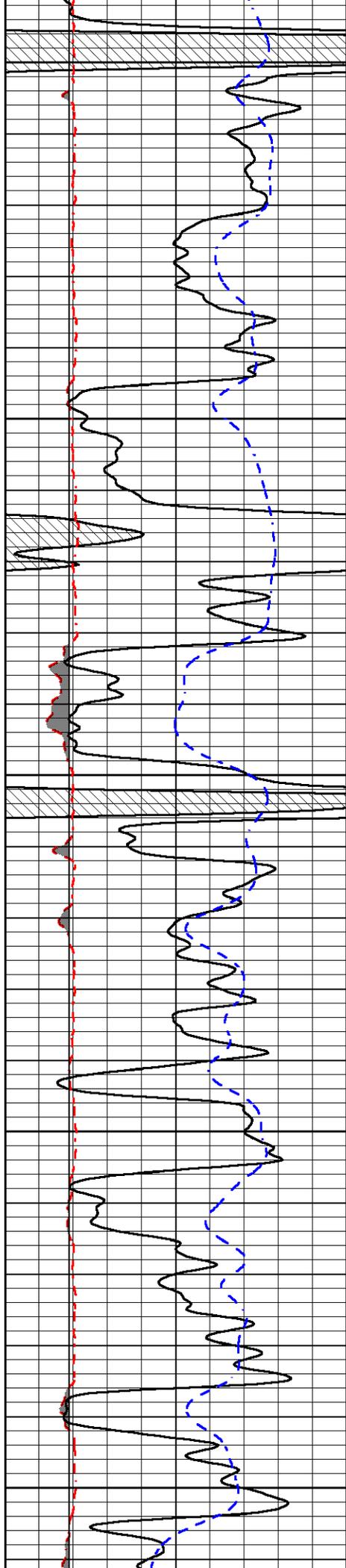
3900

3950

4000

4050





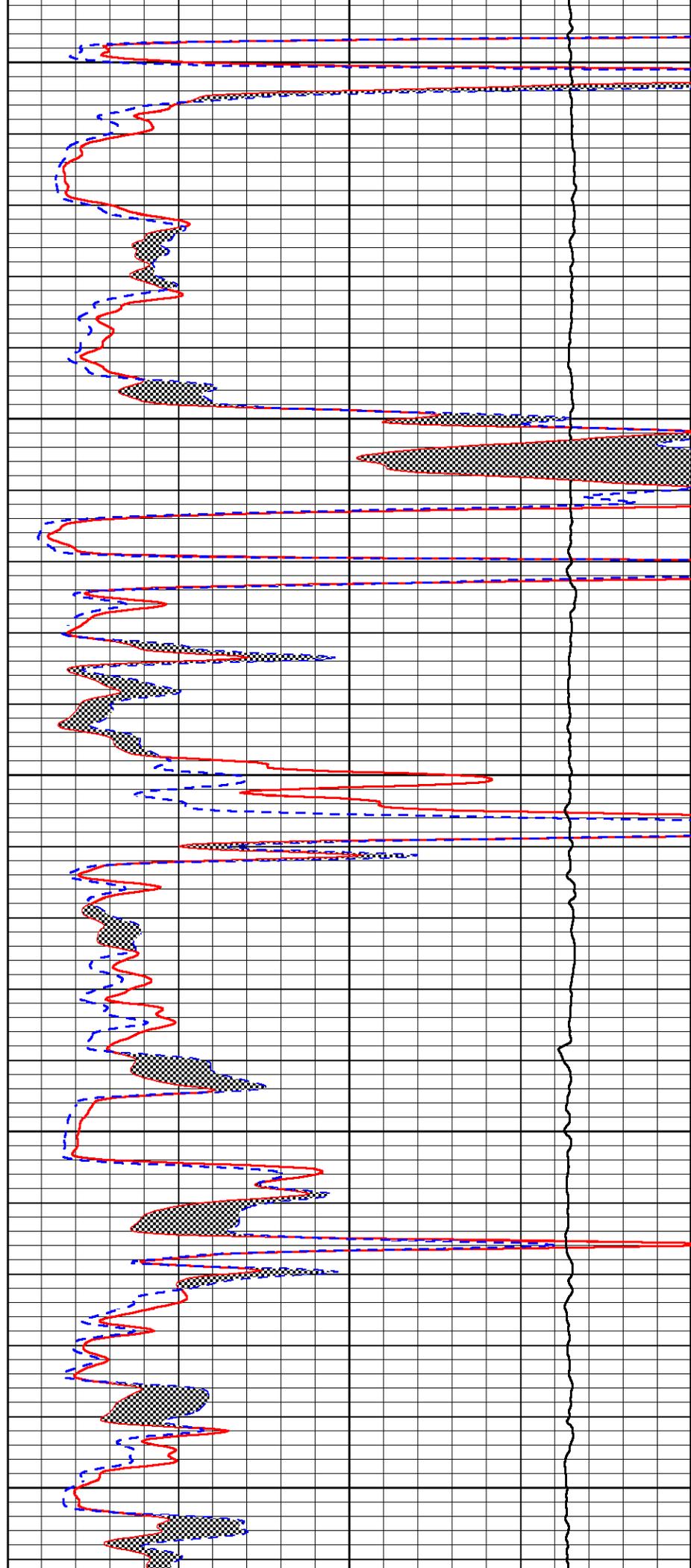
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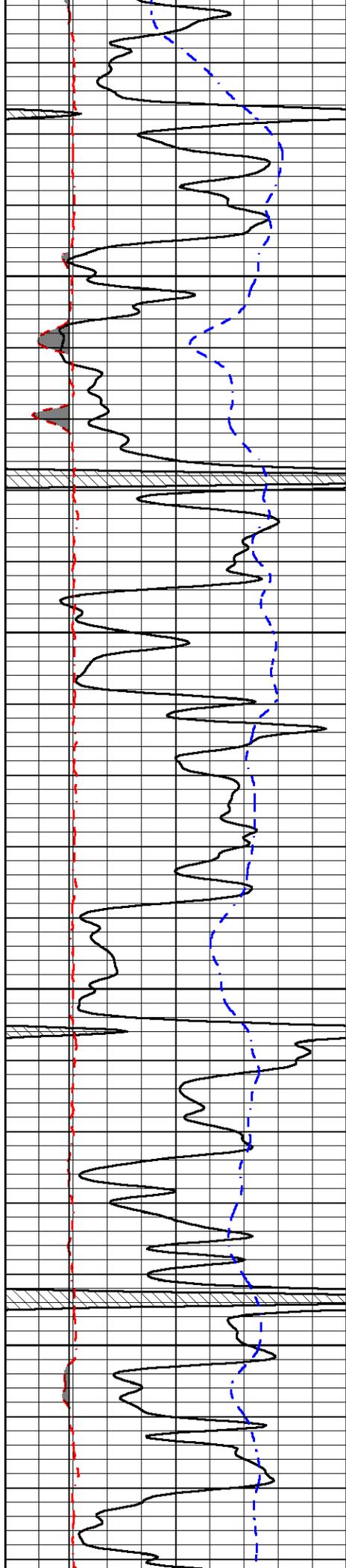
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4200

4250

4300



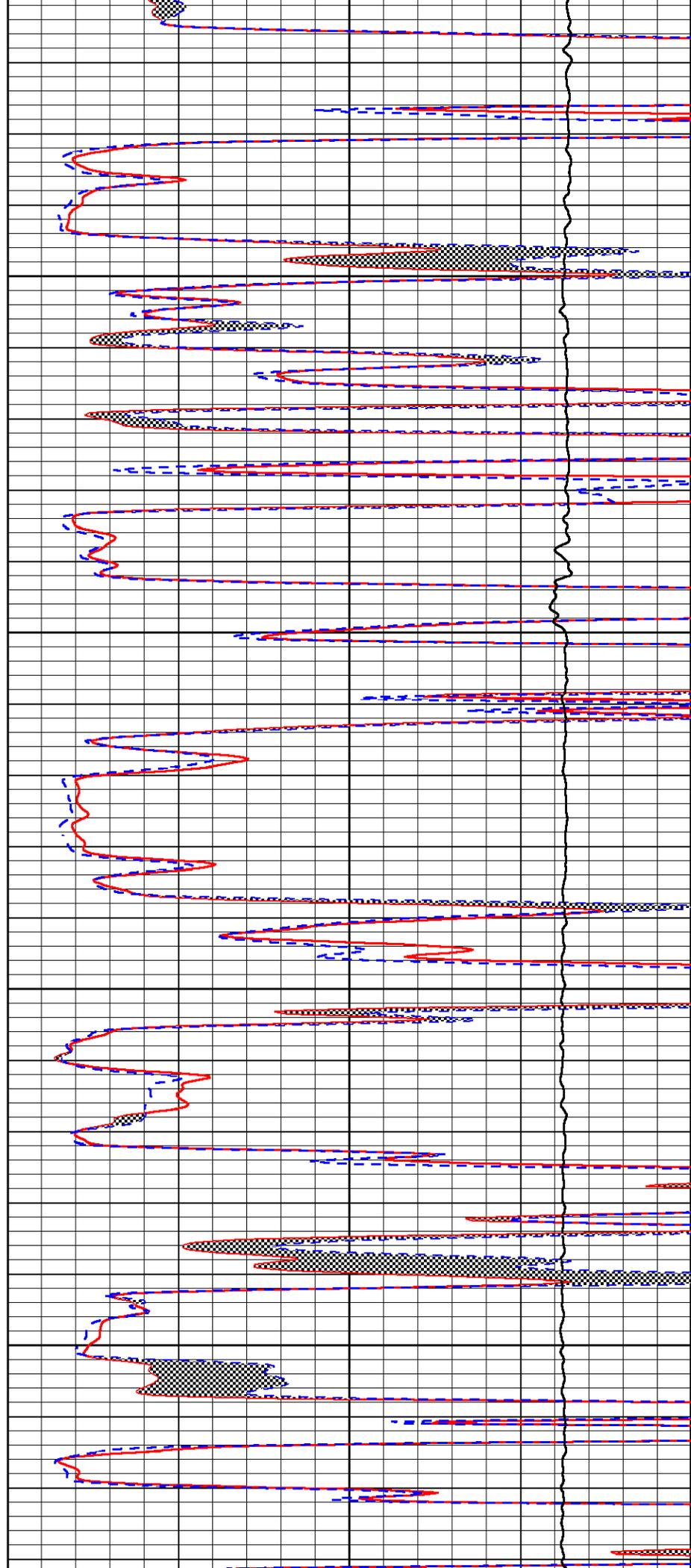


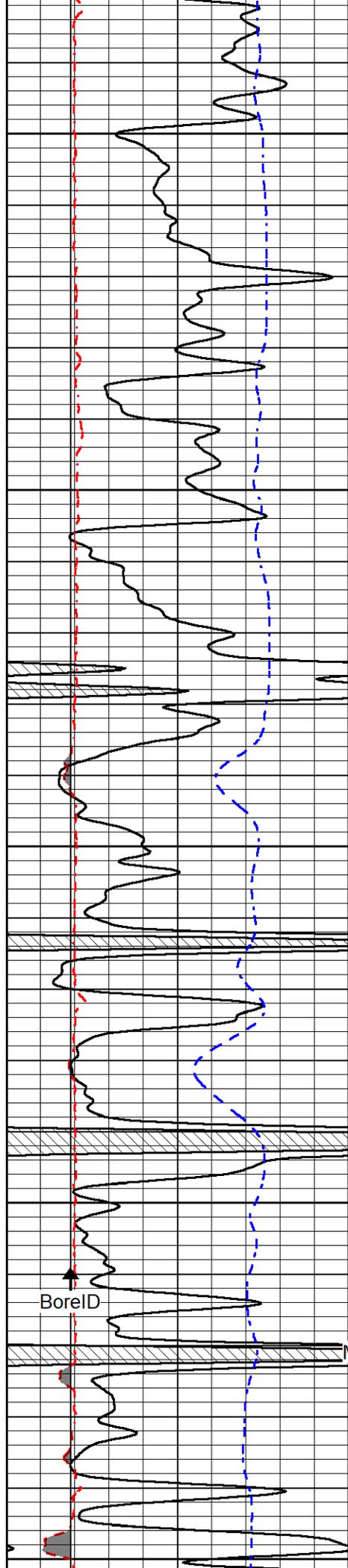
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4400

4450

4500





4550

4600

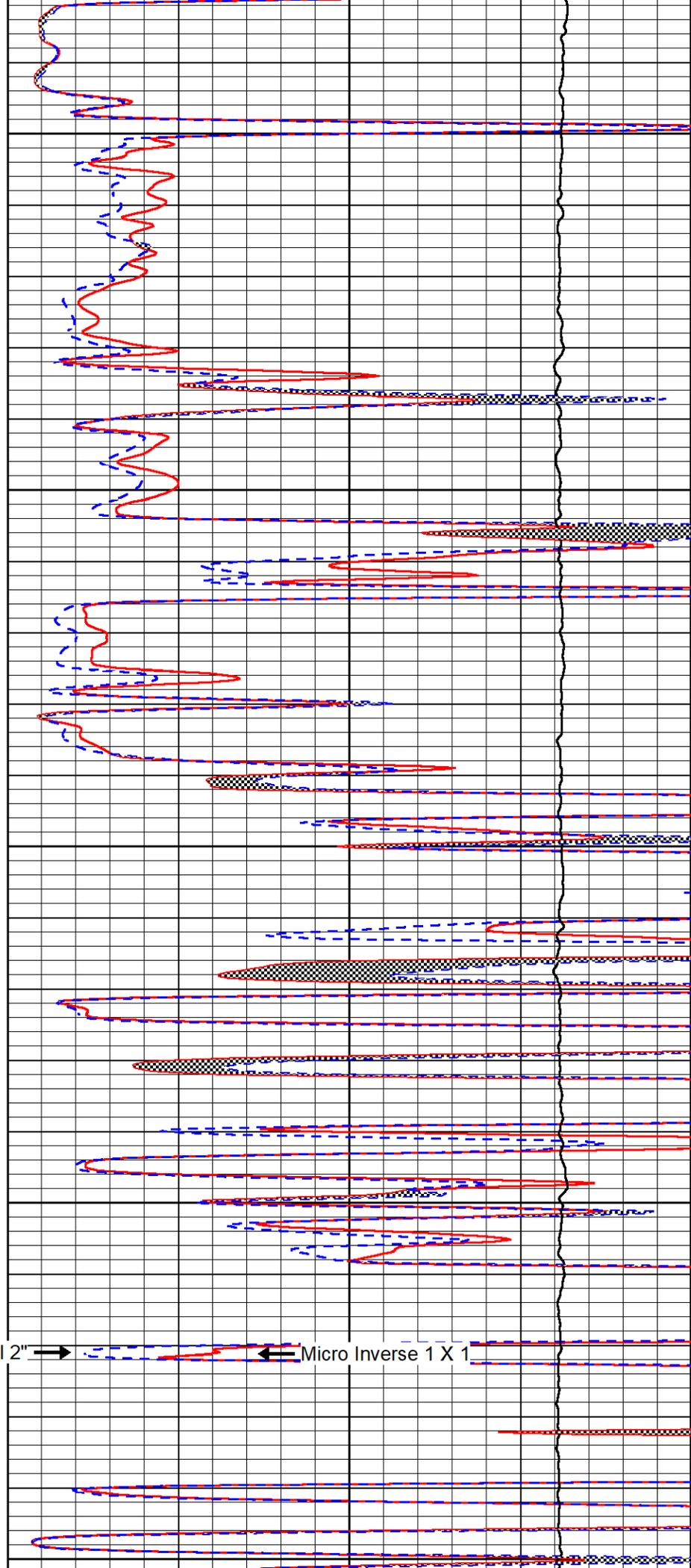
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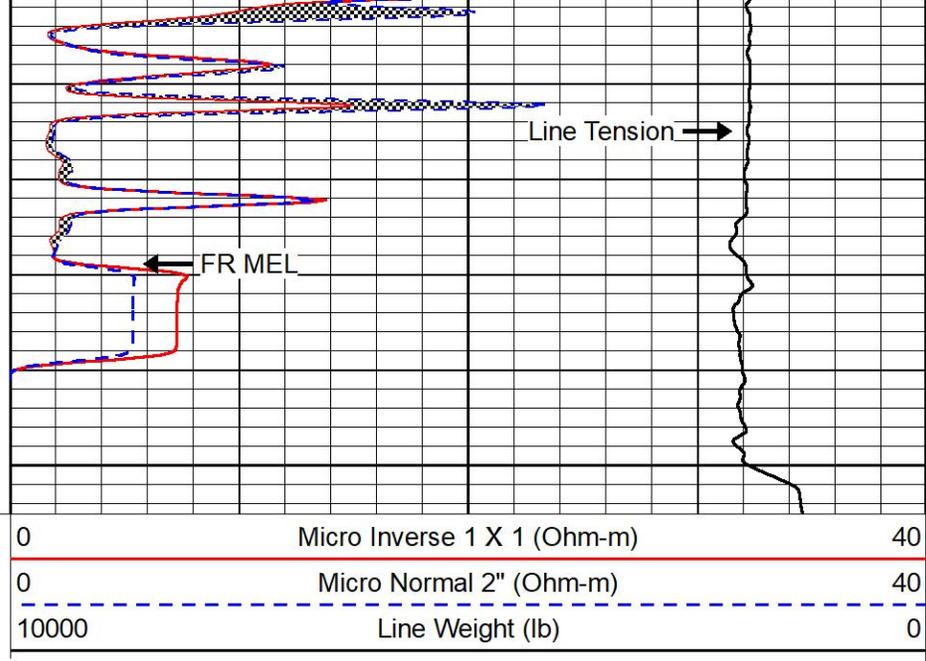
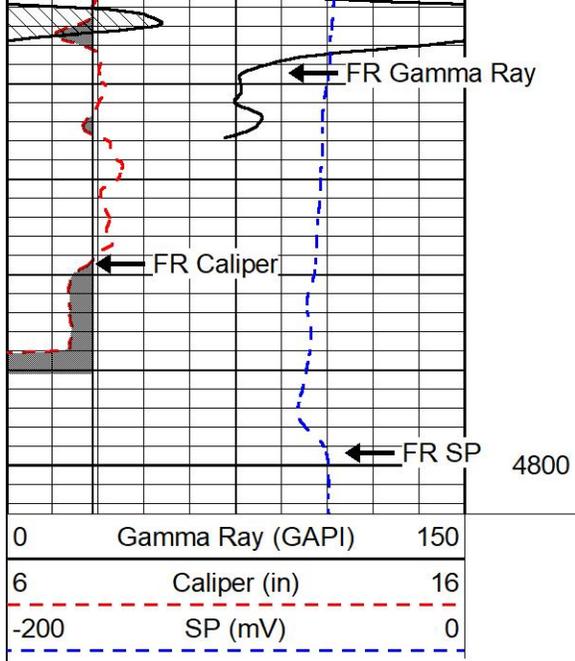
4700

4750

Micro Normal 2" →

← Micro Inverse 1 X 1





MIDWEST WIRELINE

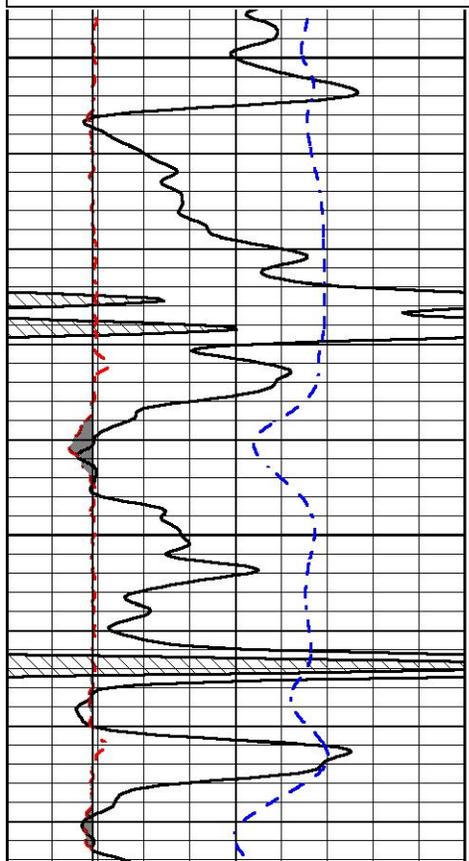
REPEAT SECTION

REPEAT PASS

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 Dataset Creation Tue Nov 02 13:07:53 2021
 Charted by Depth in Feet scaled 1:240

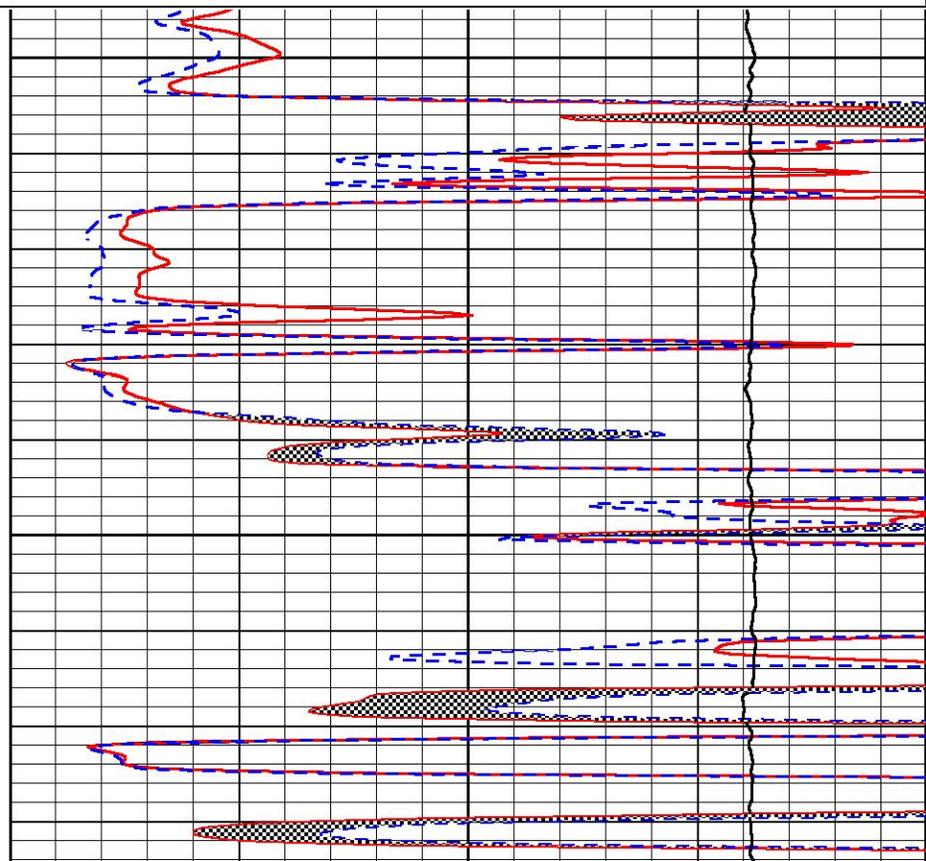
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-200	SP (mV)	0

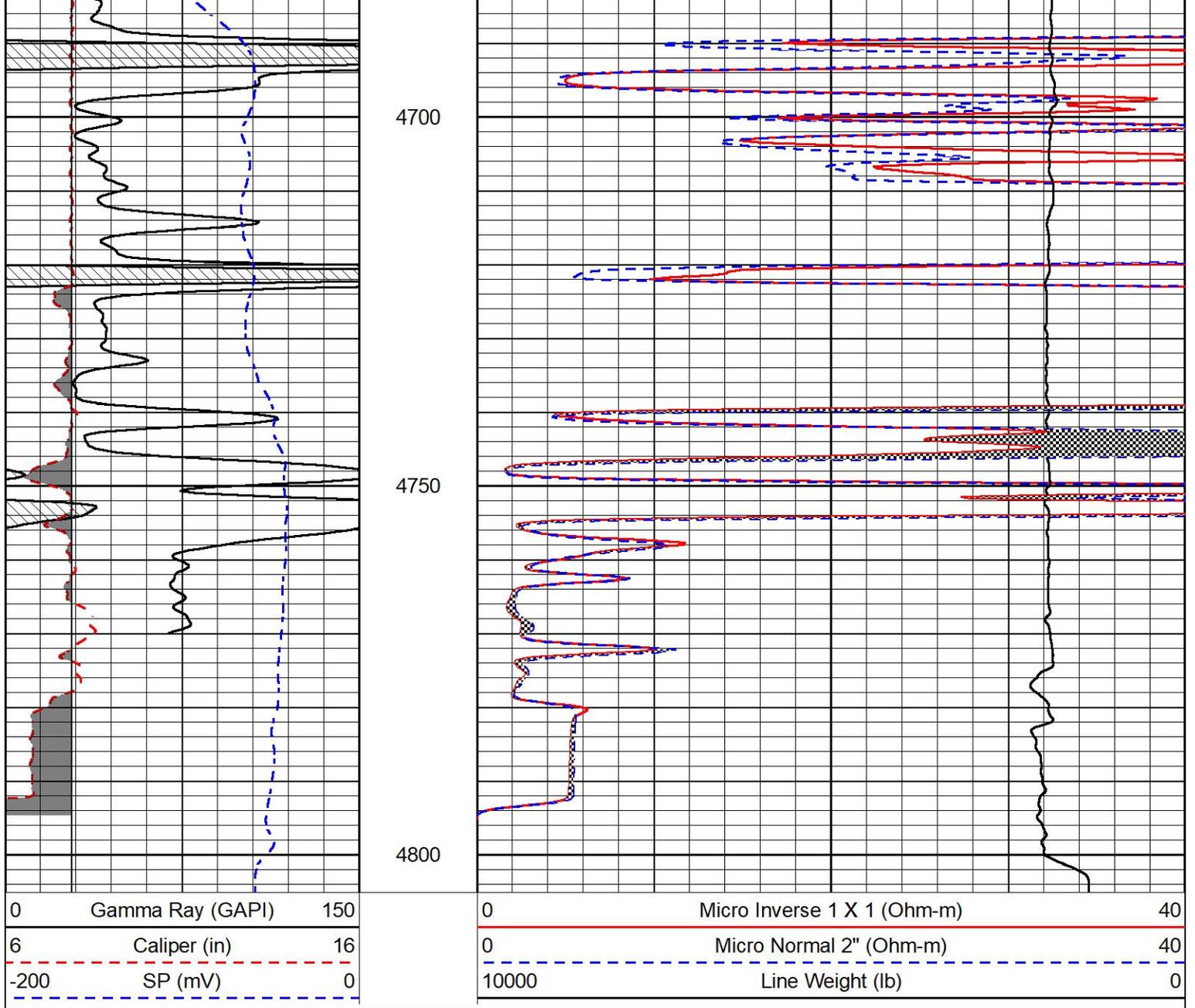
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4650





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