

MIDWEST WIRELINE

MICRORESISTIVITY
LOG

CompanyLebsack Oil Production, Inc.		Company Lebsack Oil Production, Inc.	
Well	Garden City #9-18	Well	Garden City #9-18
Field	Damme	Field	Damme
County	Finney	County	Finney
State	Kansas	State	Kansas
Location: API #: 15-055-22553-00-00		Other Services	
Permanent Datum NW-SE-SE-SE		CNL/CDL	
Log Measured From 335 FSL & 335 FEL		DIL	
Drilling Measured From SEC 18 TWP 22S RGE 33W		Elevation	
Ground Level		K.B. 2908	
Kelly Bushing		D.F. 2897	
Kelly Bushing		G.L. 2897	
Date	4/1/2022		
Run Number	Two		
Depth Driller	4865		
Depth Logger	4869		
Bottom Logged Interval	4868		
Top Log Interval	3700		
Casing Driller	8.625 @ 439		
Casing Logger	440		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	2400		
Density / Viscosity	9.4 47		
pH / Fluid Loss	10.0 6.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.9 @ 68		
Rmf @ Meas. Temp	0.68 @ 68		
Rmc @ Meas. Temp	1.22 @ 68		
Source of Rmf / Rmc	CHARTS		
Rm @ BHT	0.49 @ 125		
Operating Rig Time	3 Hours		
Max Rec. Temp. F	125		
Equipment Number	P-24		
Location	Hays		
Recorded By	T. Martin		
Witnessed By	Josh Austin		

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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

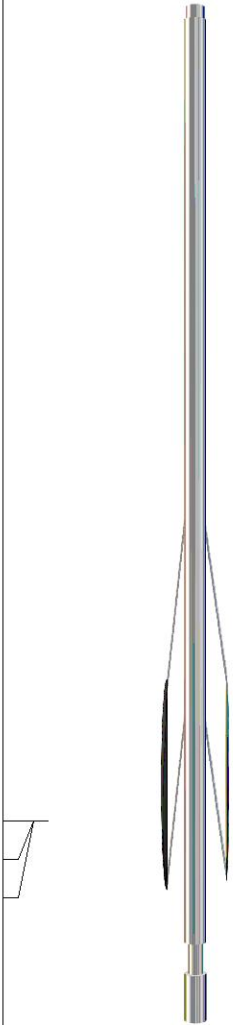
N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Holcomb, KS, N on Big Lowe Rd to Barlow Rd,
1 E, 1/4 N, W into

Log Measured From: Kelly Bushing 11 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: T. Martin		Primary Witness: Josh Austin	
Operator:		Secondary Witness:	
Operator:		Secondary Witness:	
Operator:		Secondary Witness:	

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
MCAL MI MN	1.00 1.00 1.00		ML-GO (0002G)	5.00	3.50	100.00
Dataset: lebsack_garden city #9-18.db: field/well/micro/pass3.1 Total length: 5.00 ft Total weight: 100.00 lb O.D.: 3.50 in						

Log Variables

DatabaseC:\ProgramData\Warrior\Data\lebsack_garden city #9-18.db
 Dataset field/well/Stack/pass3.1/_vars_

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 125	in 5.5	in 0	g/cc 1	2	g/cc 2.71
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
Limestone	0	mmho/m 0	mmho/m 0	mV -300	degF 50	Off	ft 4869

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

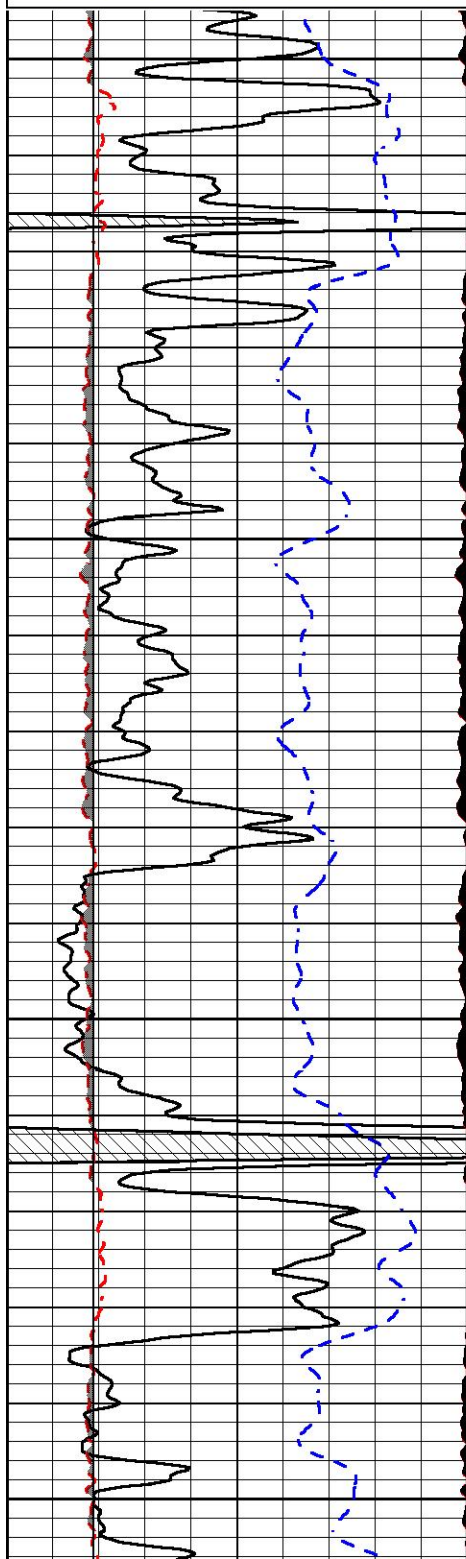
DETAIL SECTION

MAIN PASS

Database File lebsack_garden city #9-18.db
Dataset Pathname Stack/pass3.1
Presentation Format _micro
Dataset Creation Fri Apr 01 03:51:09 2022
Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
-2.875	mcal (in)	7.875
-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

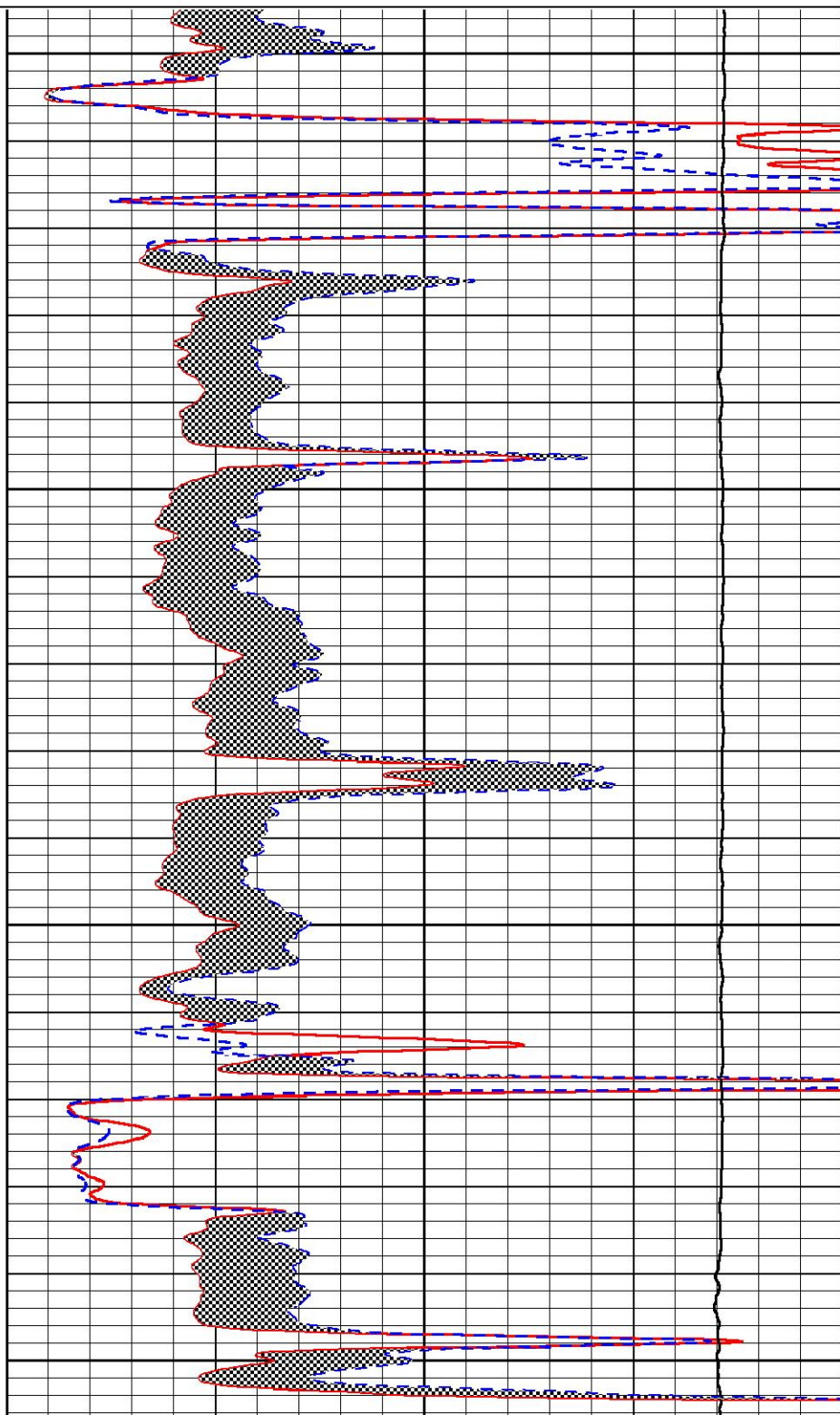


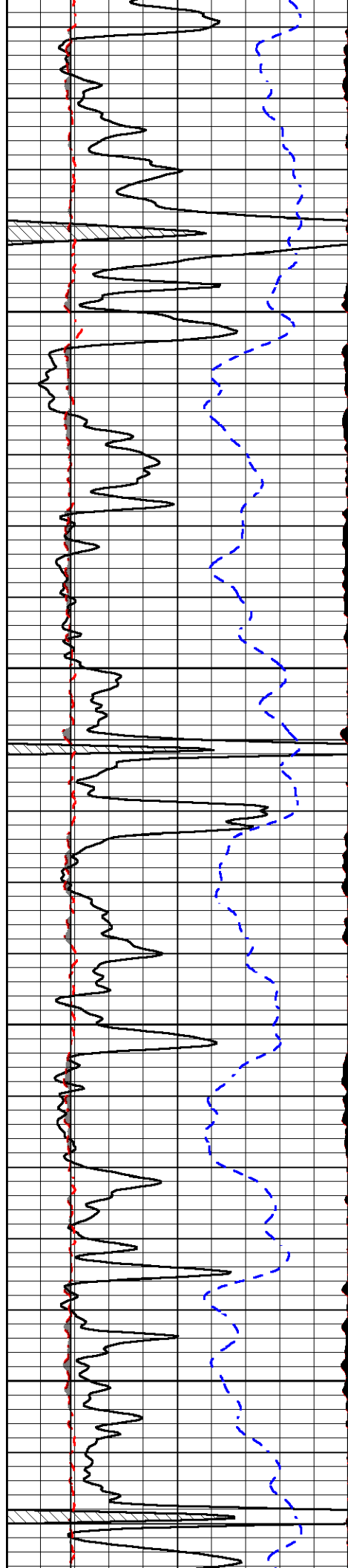
3700

3750

3800

3850



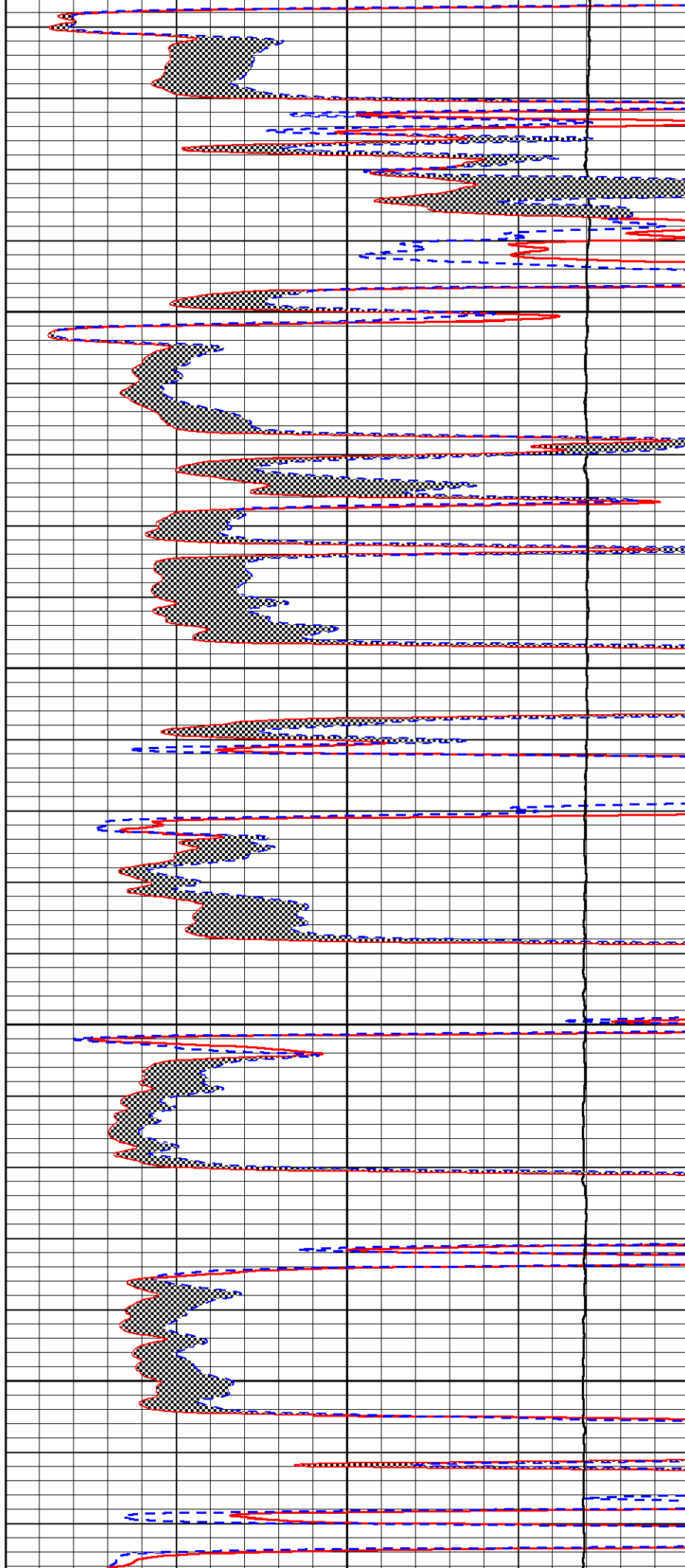


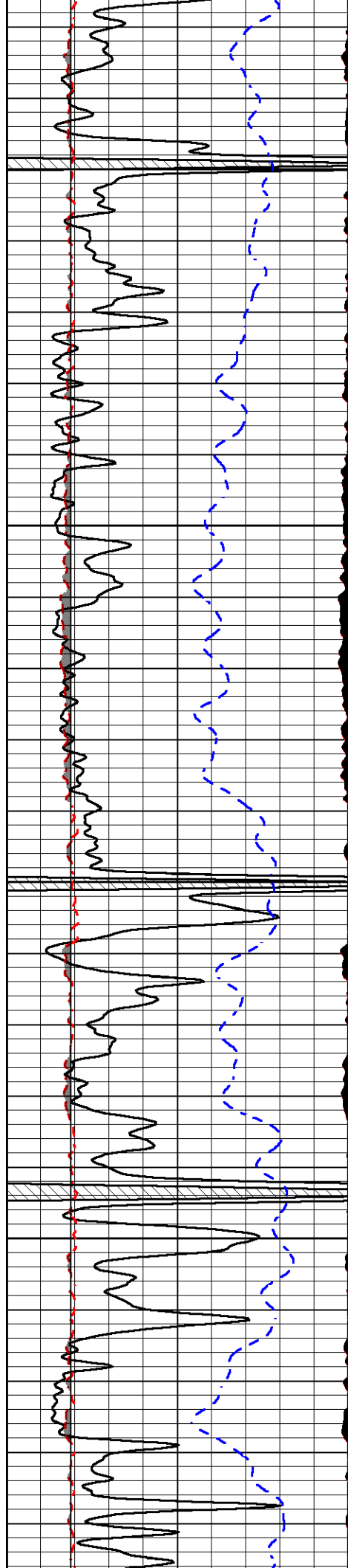
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3950

4000

4050



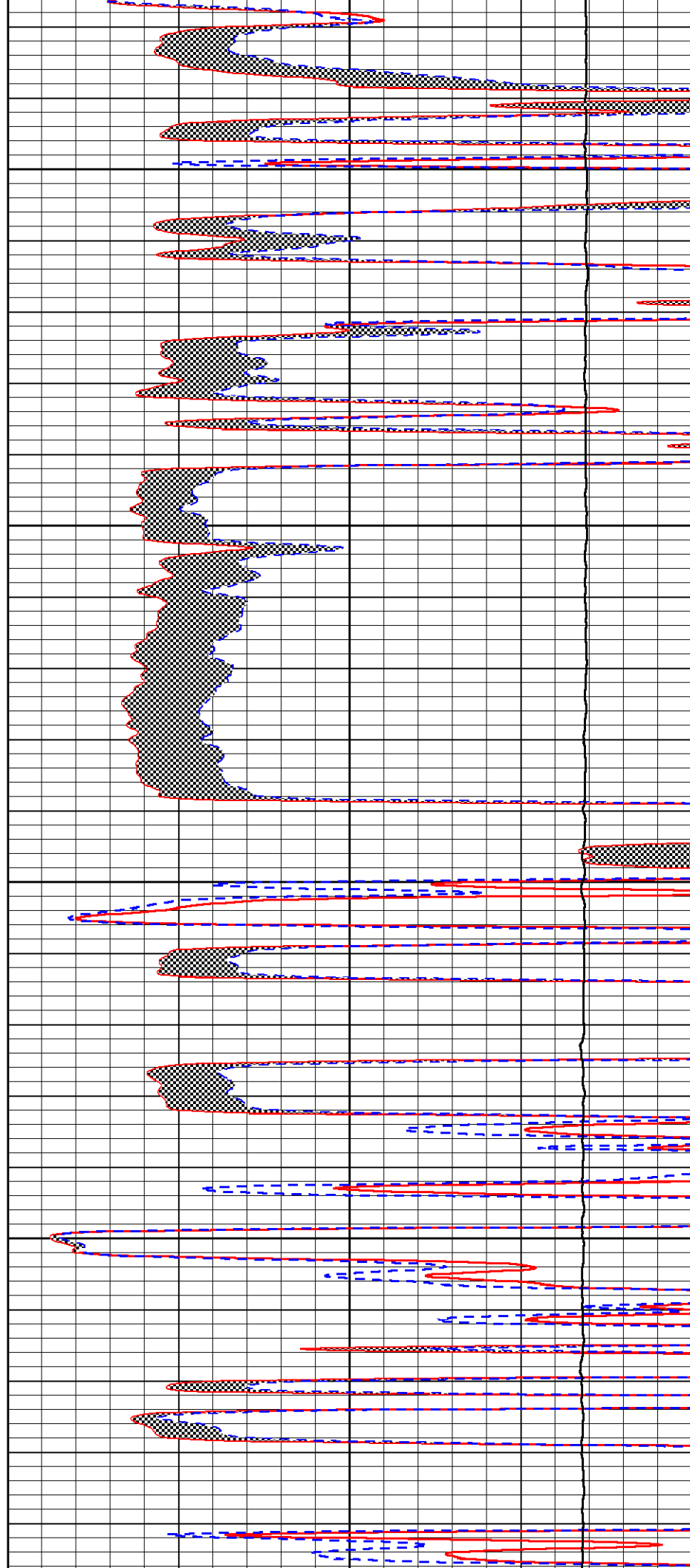


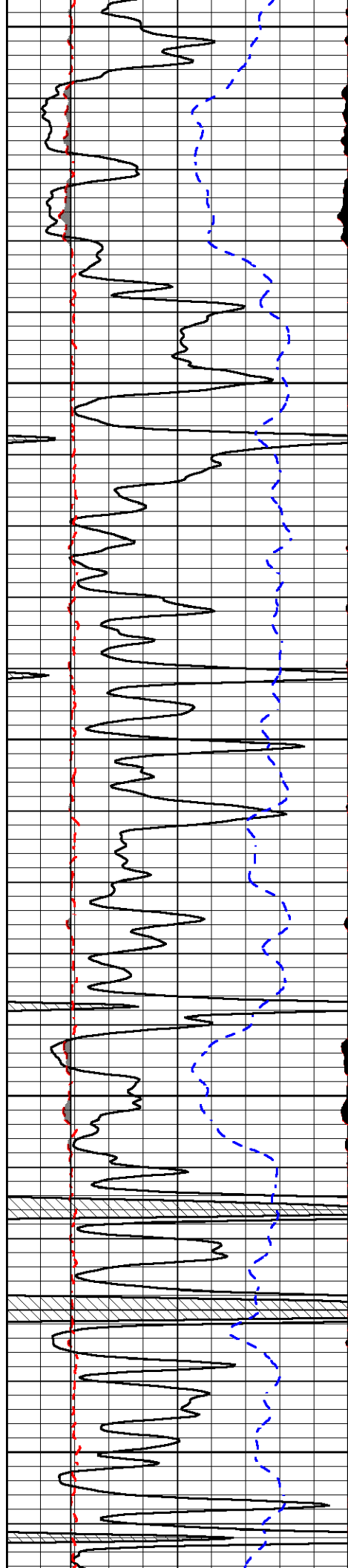
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4150

4200

4250





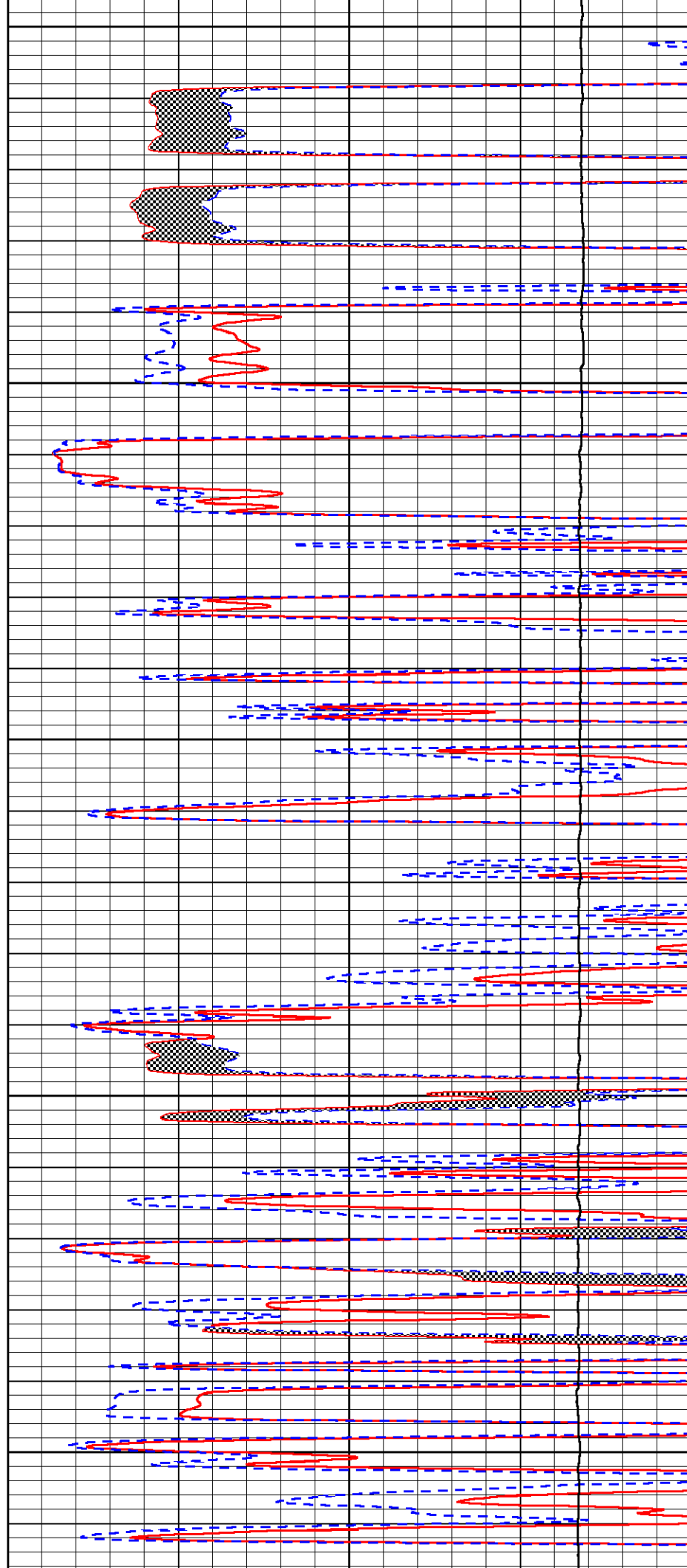
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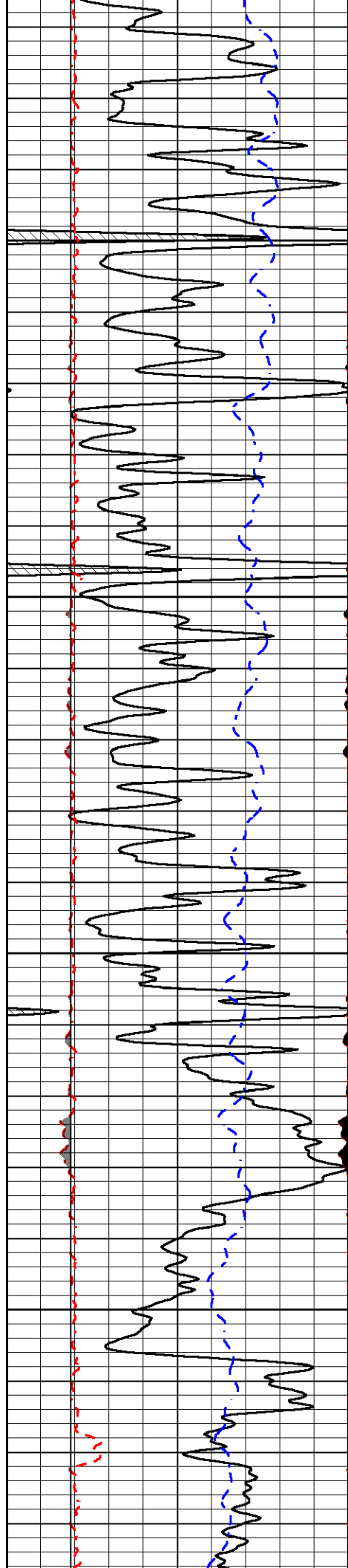
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4400

4450

4500



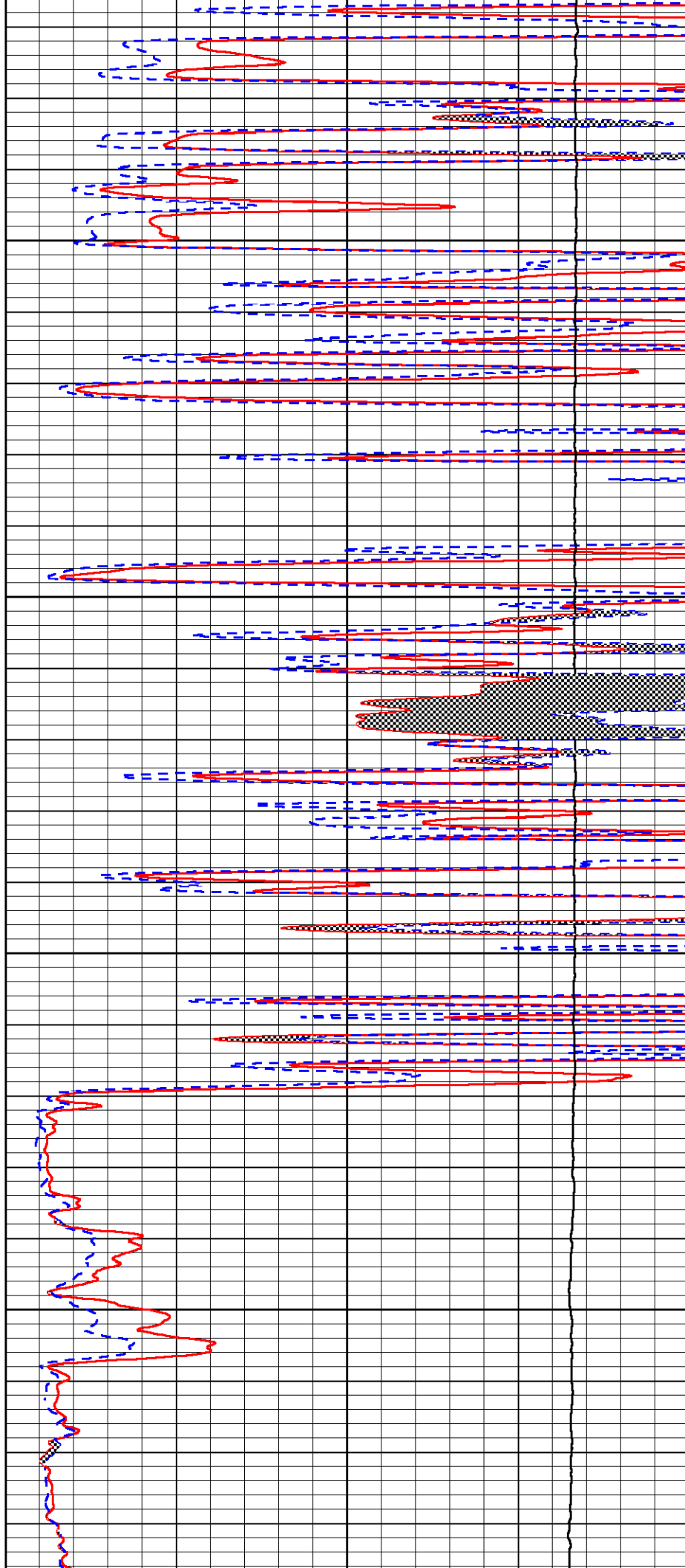


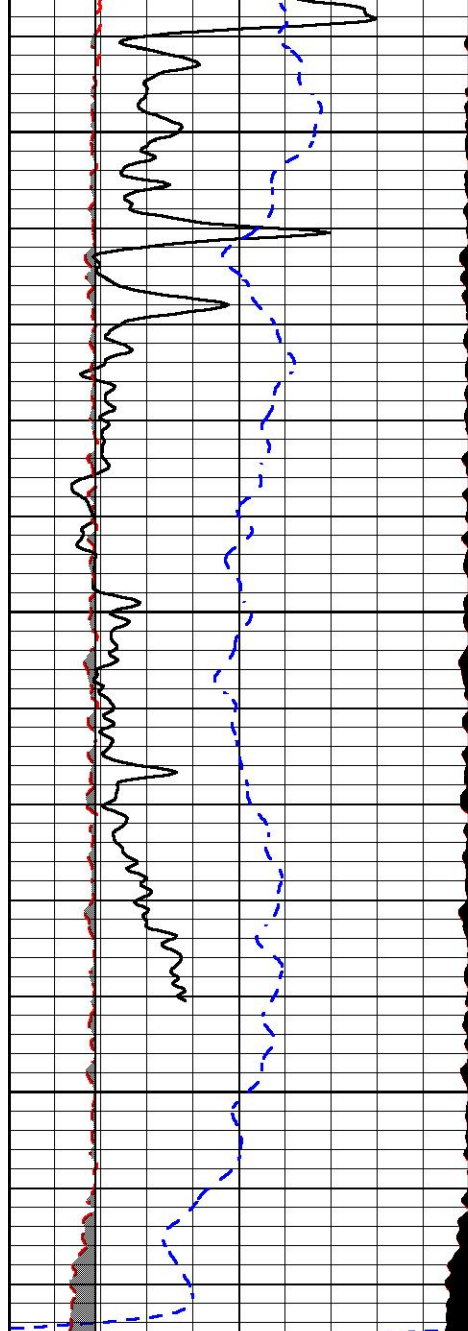
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4600

4650

4700



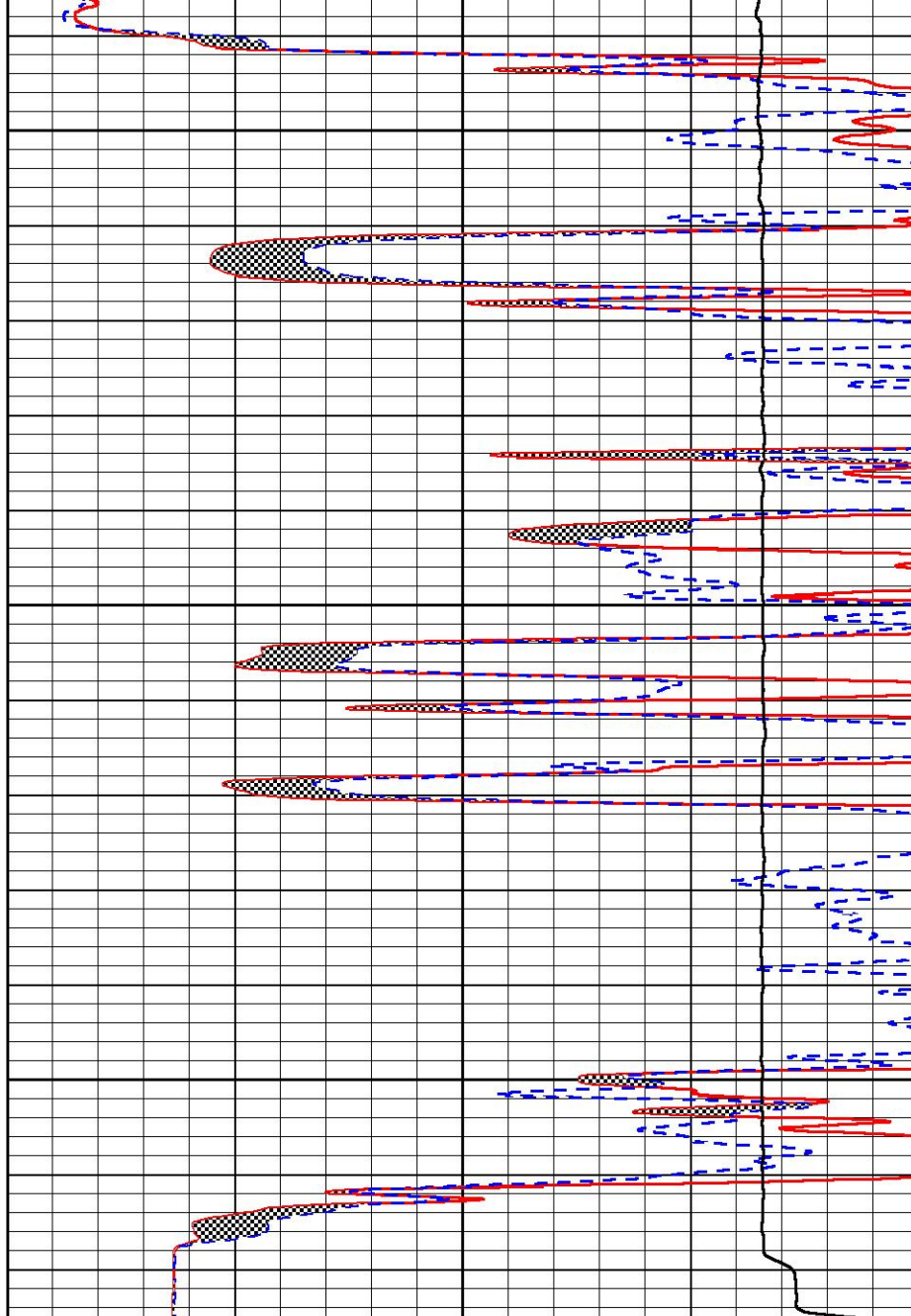


4750

4800

4850

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
-2.875	mcal (in)	7.875
-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



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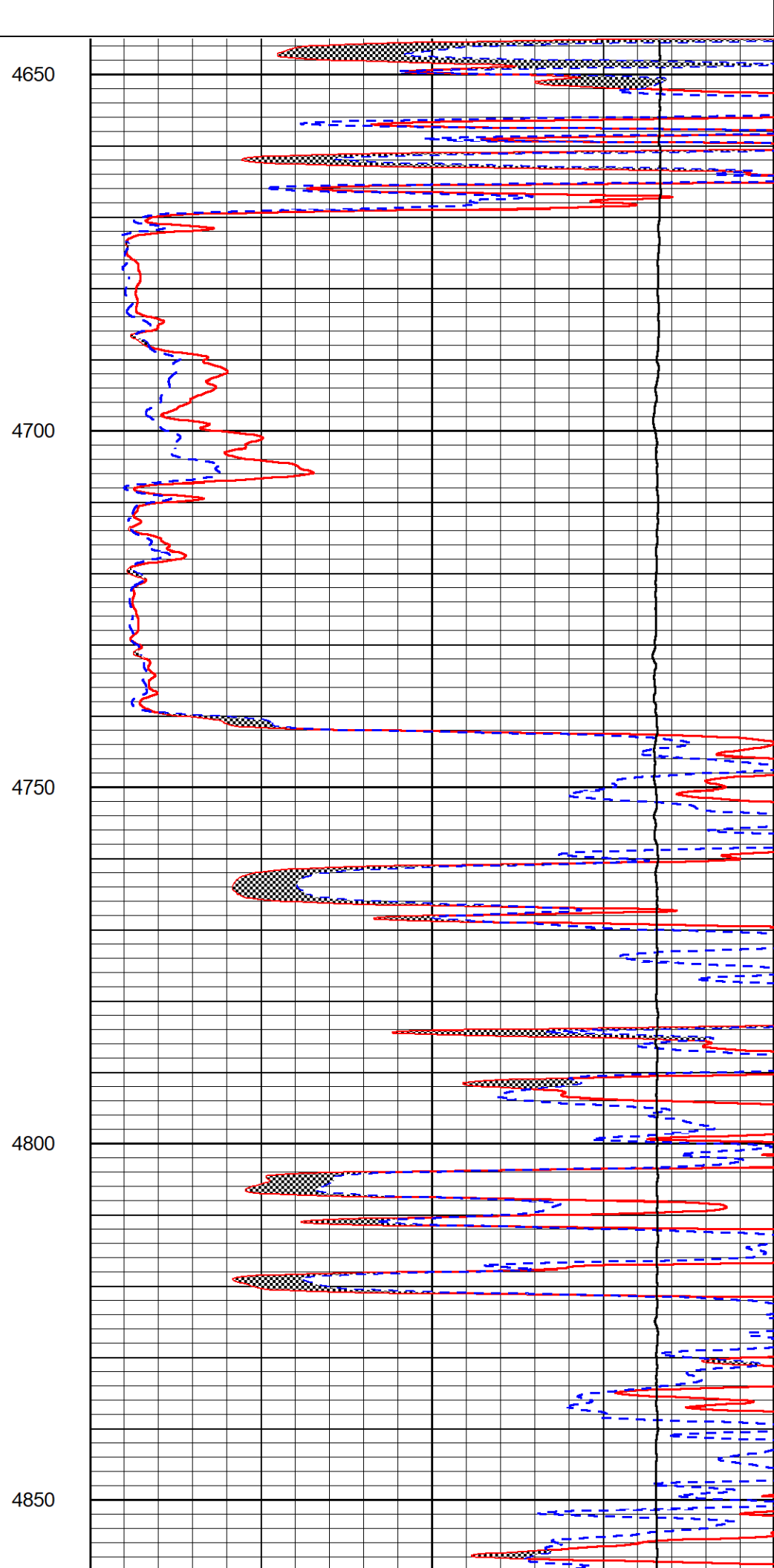
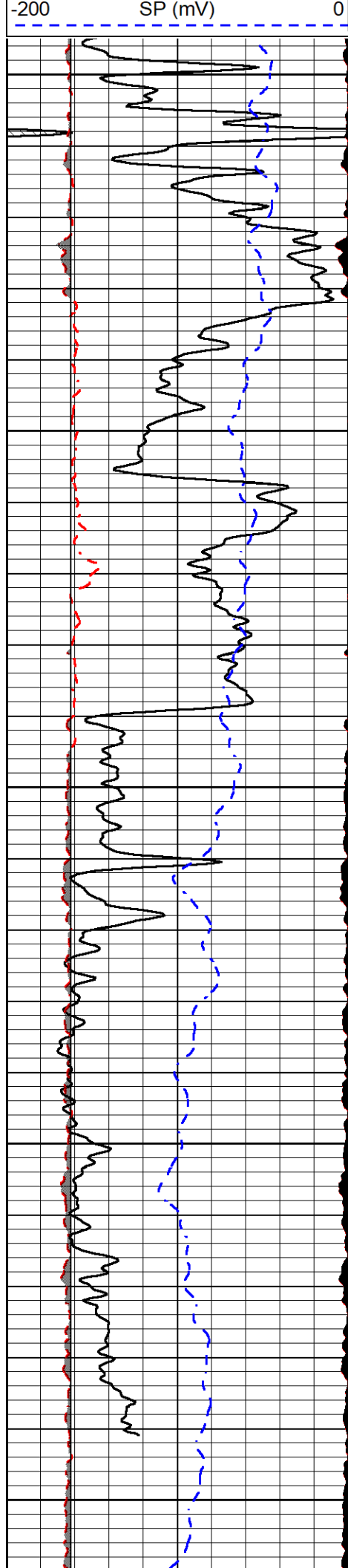
REPEAT SECTION

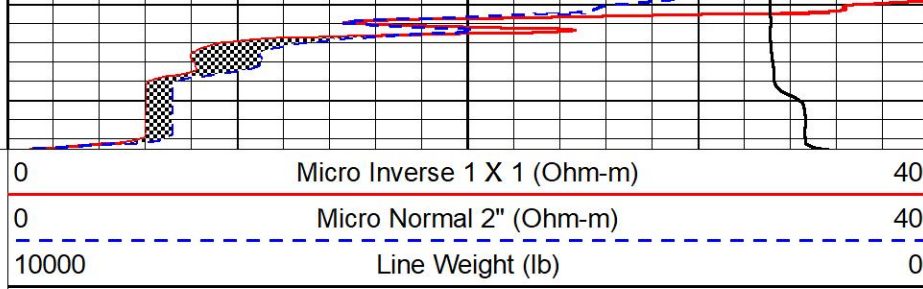
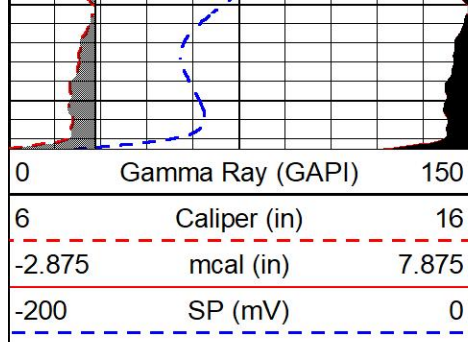
REPEAT PASS

Database File lebsack_garden city #9-18.db
 Dataset Pathname Stack/pass2.1
 Presentation Format _micro
 Dataset Creation Fri Apr 01 02:59:40 2022
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
-2.875	mcal (in)	7.875

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





Company	Lebsack Oil Production, Inc.
Well	Garden City #9-18
Field	Damme
County	Finney
State	Kansas