



MICRORESISTIVITY LOG

MIDWEST WIRELINE

Company Blue Goose Drilling Co. Inc.			
Well	Borell "I" #1		
Field	LS East		
County	Lane		
State	Kansas		
Location: API #: 15-101-22663-00-00			
2310 FSL & 2290 FWL			
SEC 33 TWP 17S RGE 27W	CNL/CDL DIL		
Permanent Datum	Ground Level	Elevation	2695
Log Measured From	Kelly Bushing		
Drilling Measured From	Kelly Bushing		
		K.B.	2705
		D.F.	
		G.L.	2695
Date	1/18/2022		
Run Number	One		
Depth Driller	4665		
Depth Logger	4666		
Bottom Logged Interval	4665		
Top Log Interval	3700		
Casing Driller	8.625 @ 255		
Casing Logger	251		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	4500		
Density / Viscosity	9.2	64	
pH / Fluid Loss	10.0	8.8	
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.7 @ 75		
Rmt @ Meas. Temp	.53 @ 75		
Rmc @ Meas. Temp	.95 @ 75		
Source of Rmt / Rmc	CHARTS		
Rm @ BHT	.43 @ 123		
Operating Rig Time	2 Hours		
Max Rec. Temp. F	123		
Equipment Number	P-108		
Location	HAYS		
Recorded By	J. Henrickson		
Witnessed By	Ken Wallace		

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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.

Ness City
West to Turkey Red, 4 1/2 North, 1/2 West,
South Into

Log Measured From: Kelly Bushing 10 Ft. Above Permanent Datum

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

Your Midwest Wireline Crew

Engineer: J. Henrickson
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Ken Wallace
Secondary Witness:
Secondary Witness:
Secondary Witness:

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 123	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 510	degF 59	Off	ft 4666

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
GR	40.33		GR-M&W (103)	3.00	3.50	50.00
CNLSC CNSSC	37.23 36.48		CNT-M&W (210)	5.00	3.50	100.00
LSD DCAL SSD	28.18 28.17 27.68		CDL-M&W (303-03)	8.50	4.00	250.00
ML-PSI STKBL ML (402)			ML-PSI STKBL ML (402)	7.58	4.00	65.00
MCAL MI MN	19.58 19.58 19.58					
RLL3F RLL3	15.50 15.50					
CILD	8.33		DIL-M&W (504 HT)	18.25	3.50	220.00

CILM

4.50

SP

0.20

Dataset: blue_goose_borell_i_1.db: field/well/stackml/pass3.1
 Total length: 42.33 ft
 Total weight: 685.00 lb
 O.D.: 4.00 in



MIDWEST WIRELINE

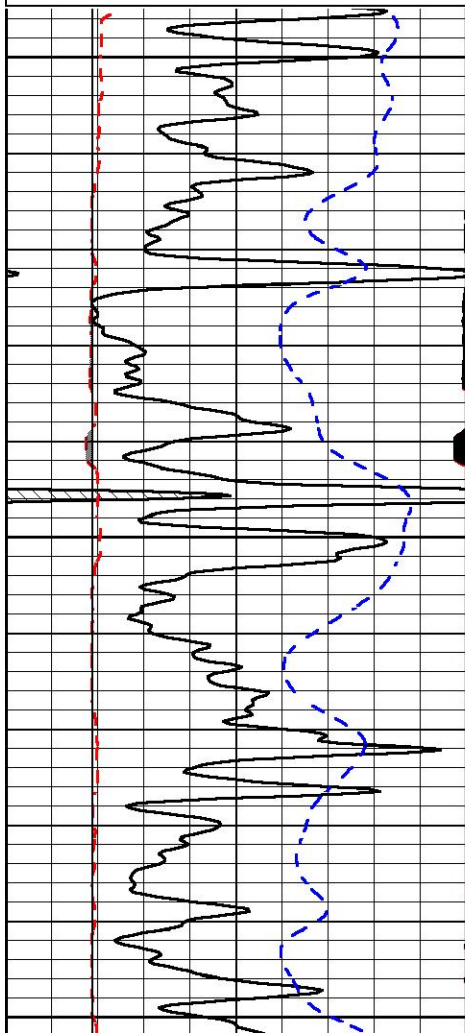
DETAIL SECTION

MAIN PASS

Database File blue_goose_borell_i_1.db
 Dataset Pathname stackml/pass3.1
 Presentation Format _micro
 Dataset Creation Tue Jan 18 16:02:25 2022
 Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
2.875	mccl (in)	7.875
-200	SP (mV)	0

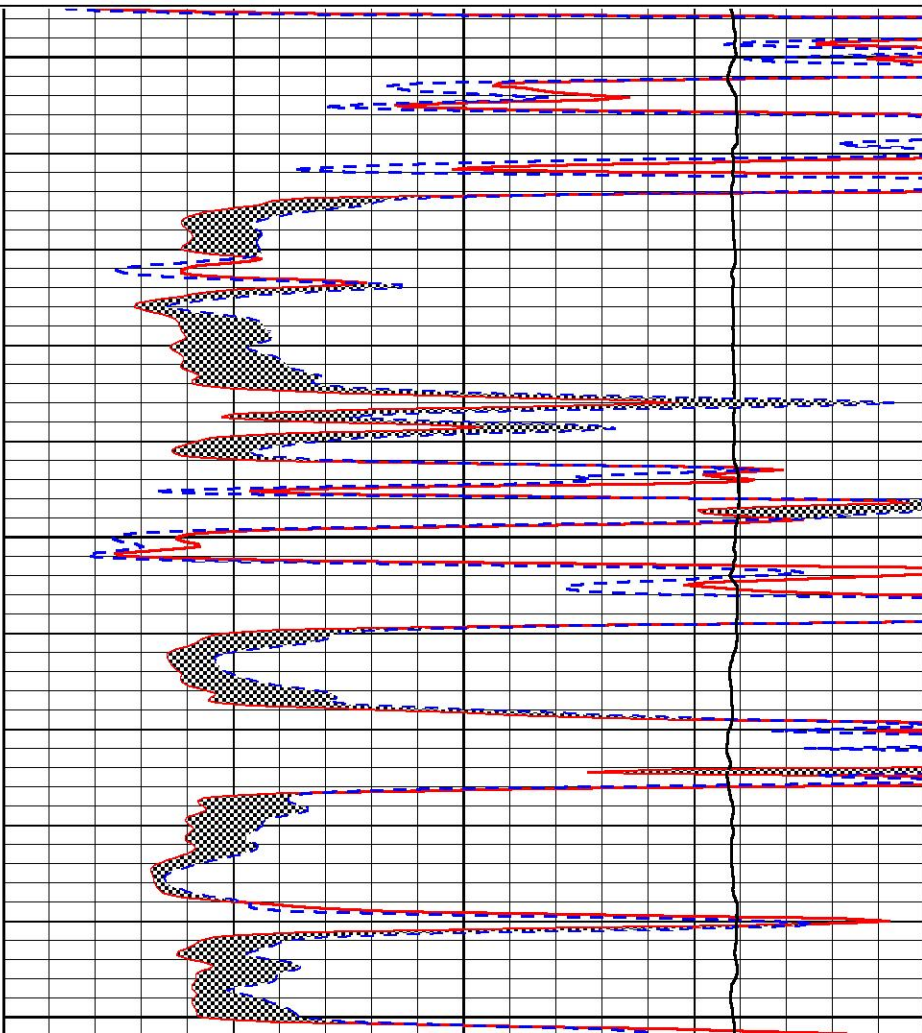
0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

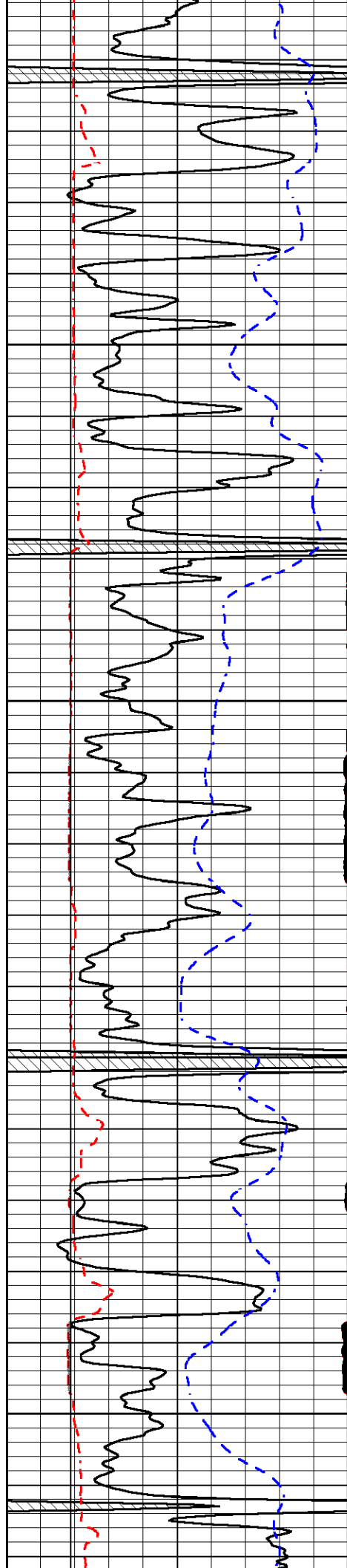


3700

3750

3800



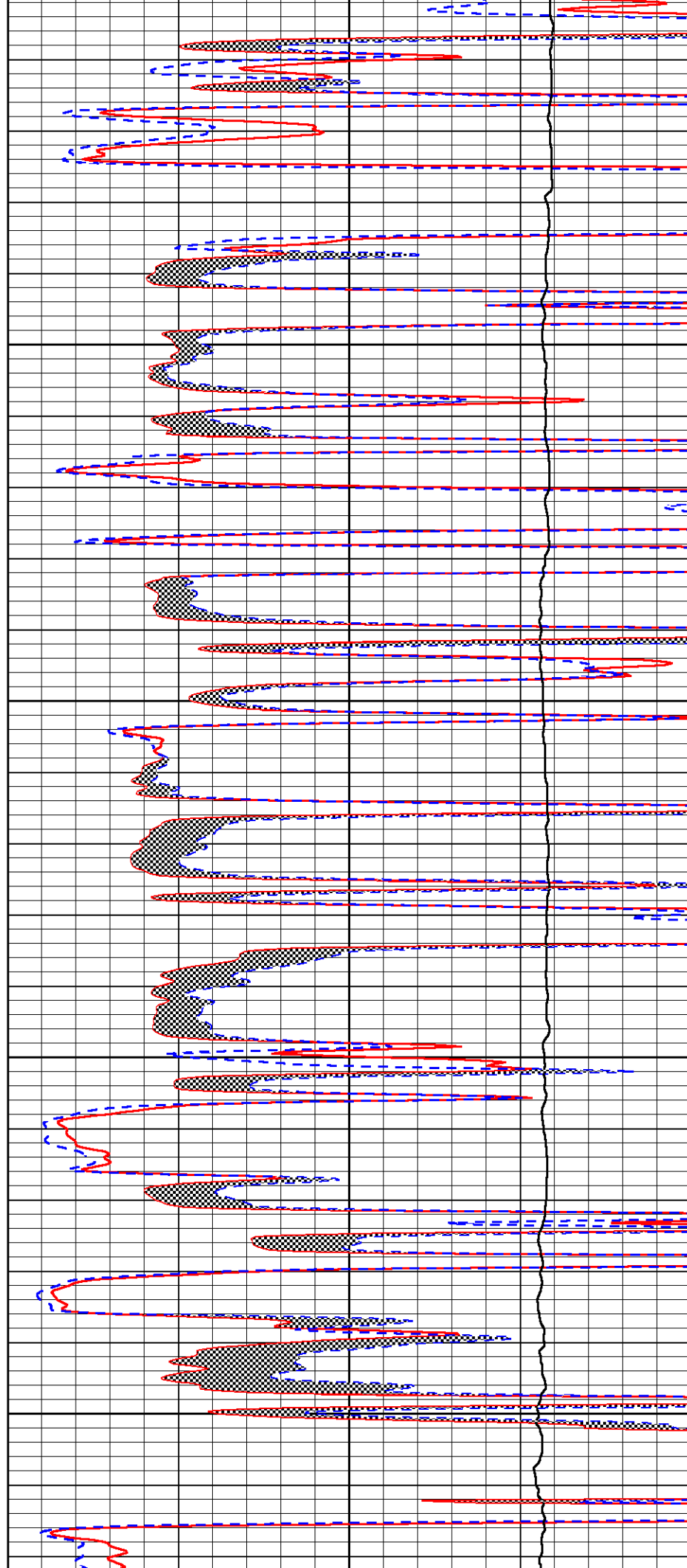


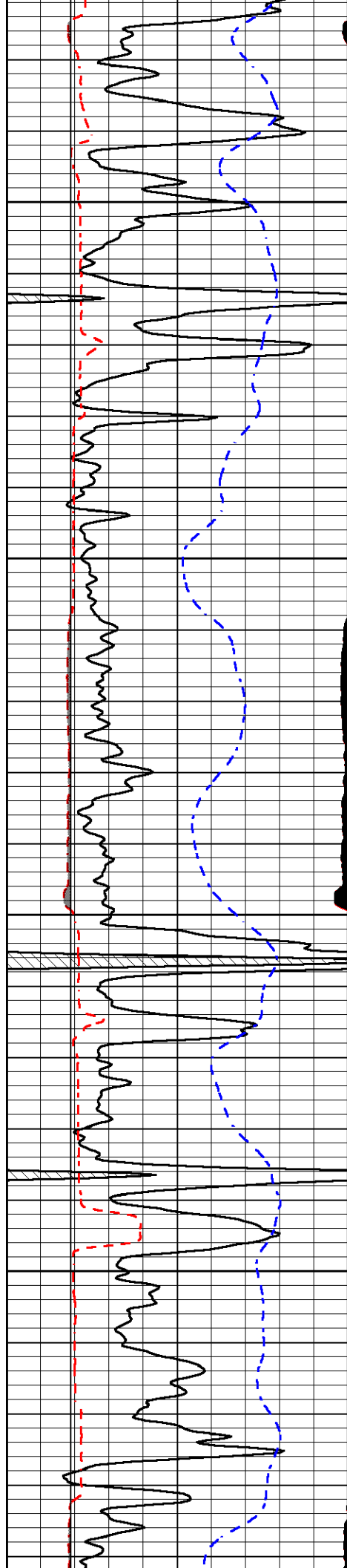
3850

3900

3950

4000



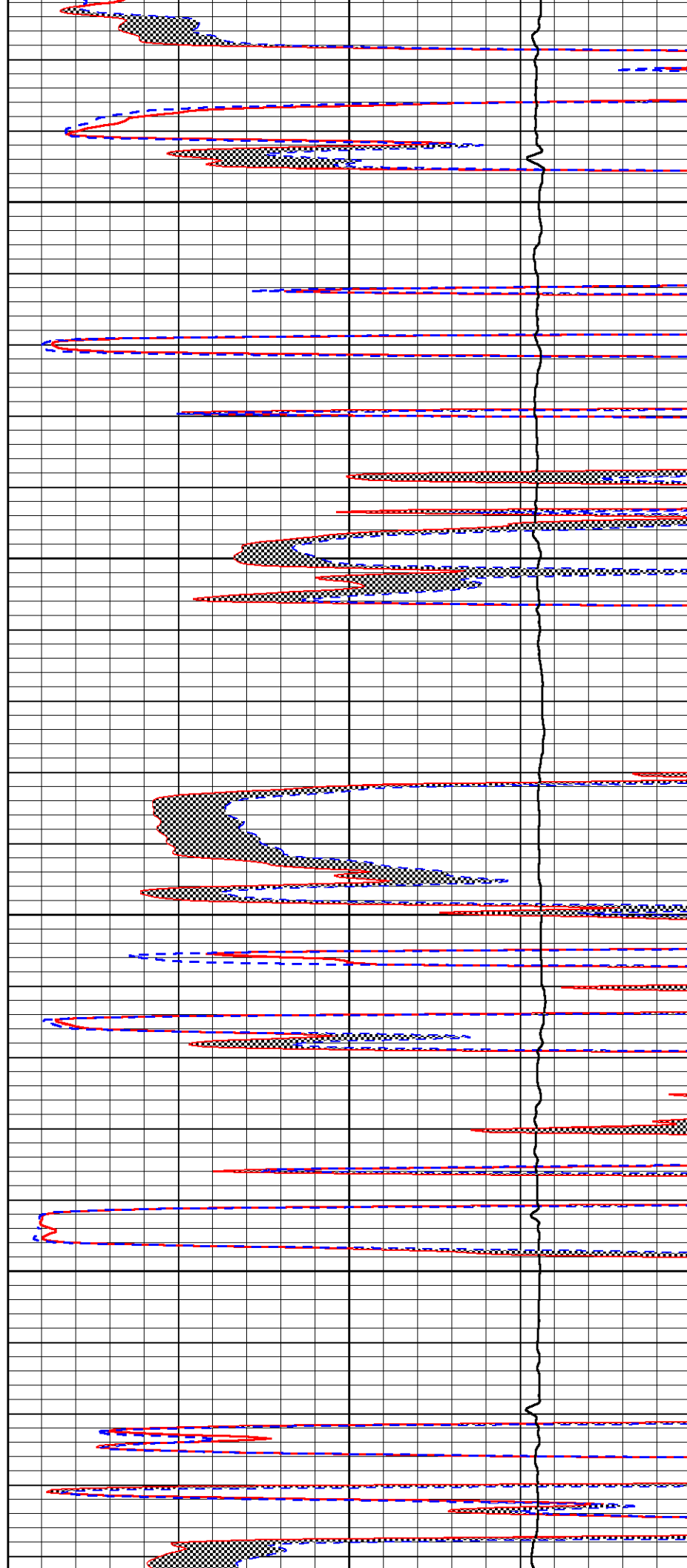


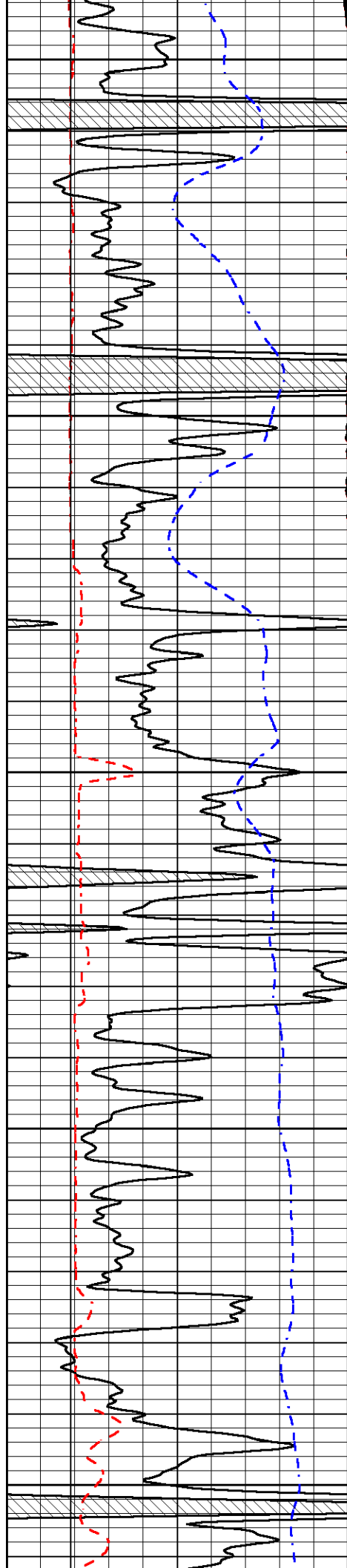
4050

4100

4150

4200





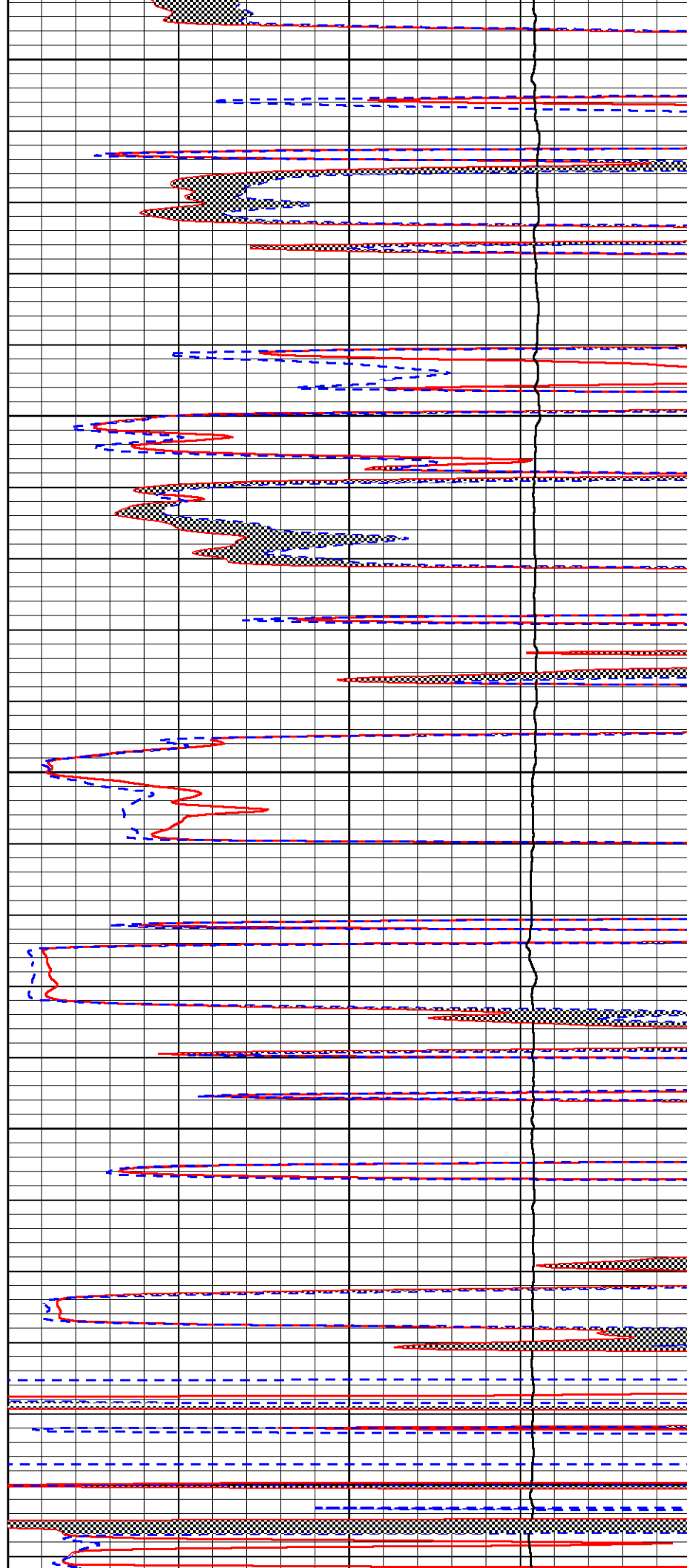
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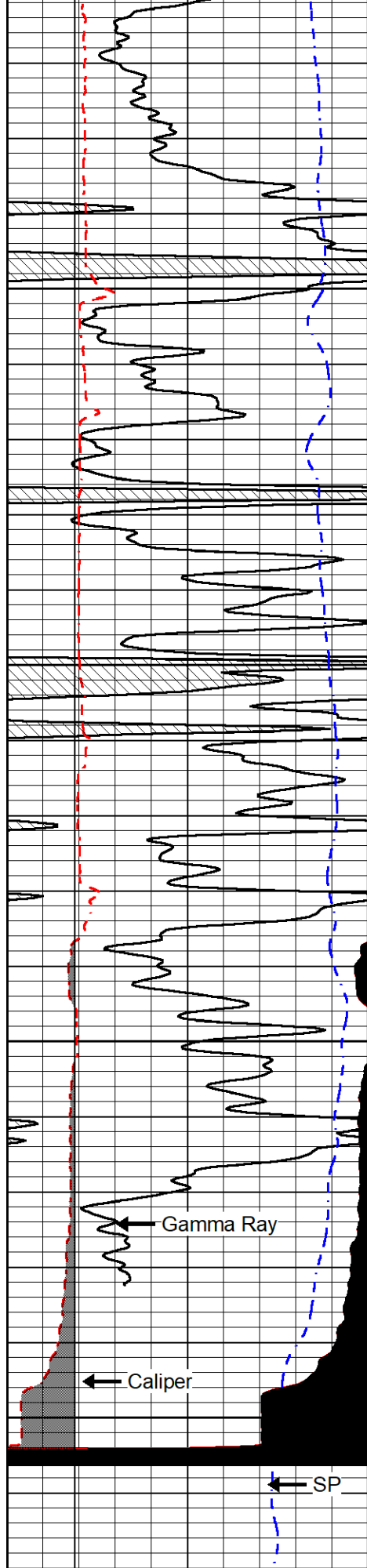
4300

4350

4400

4450





0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
2.075	SP (mV)	7.075

4500

4550

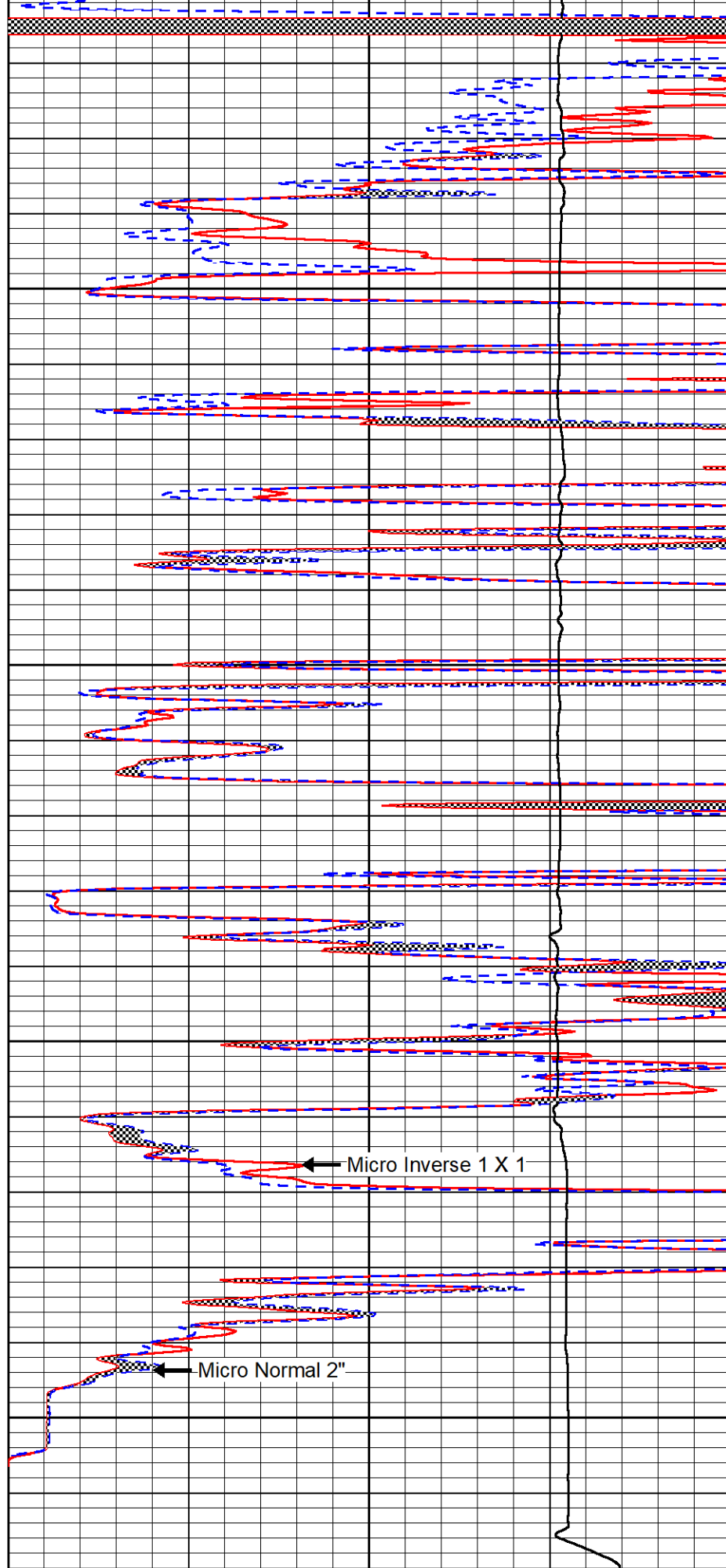
4600

4650

Gamma Ray

Caliper

SP



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

Micro Inverse 1 X 1

Micro Normal 2"

2.875	mccl (in)	7.875
-200	SP (mV)	0

10000	Line Weight (lb)	0
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MIDWEST WIRELINE

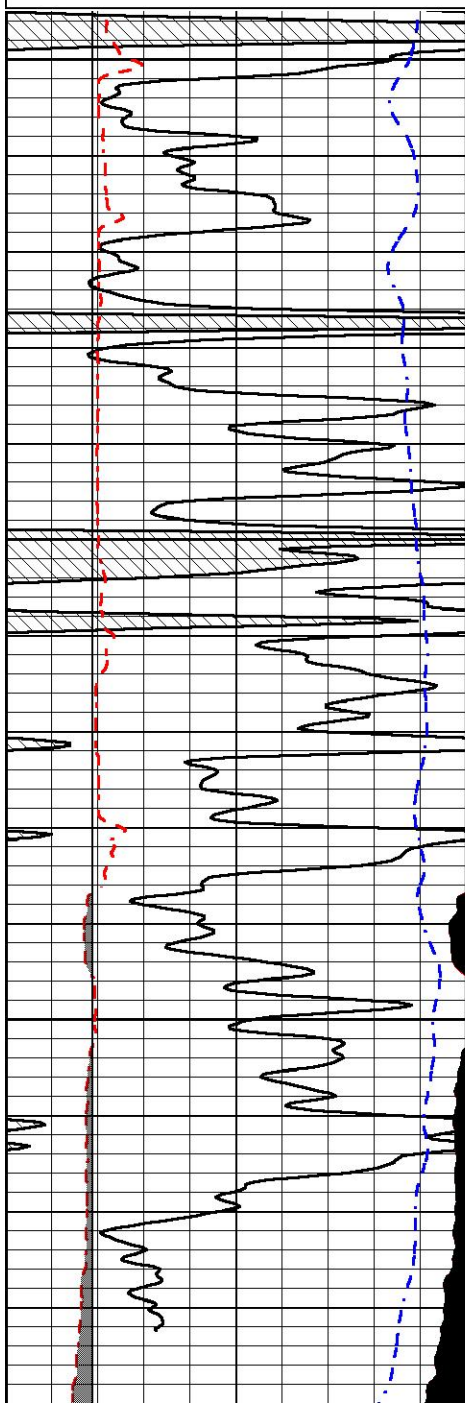
REPEAT SECTION

REPEAT PASS

Database File blue_goose_borell_i_1.db
Dataset Pathname stackml/pass2.1
Presentation Format _micro
Dataset Creation Tue Jan 18 15:10:51 2022
Charted by Depth in Feet scaled 1:240

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6	Caliper (in)	16
2.875	mccl (in)	7.875
-200	SP (mV)	0

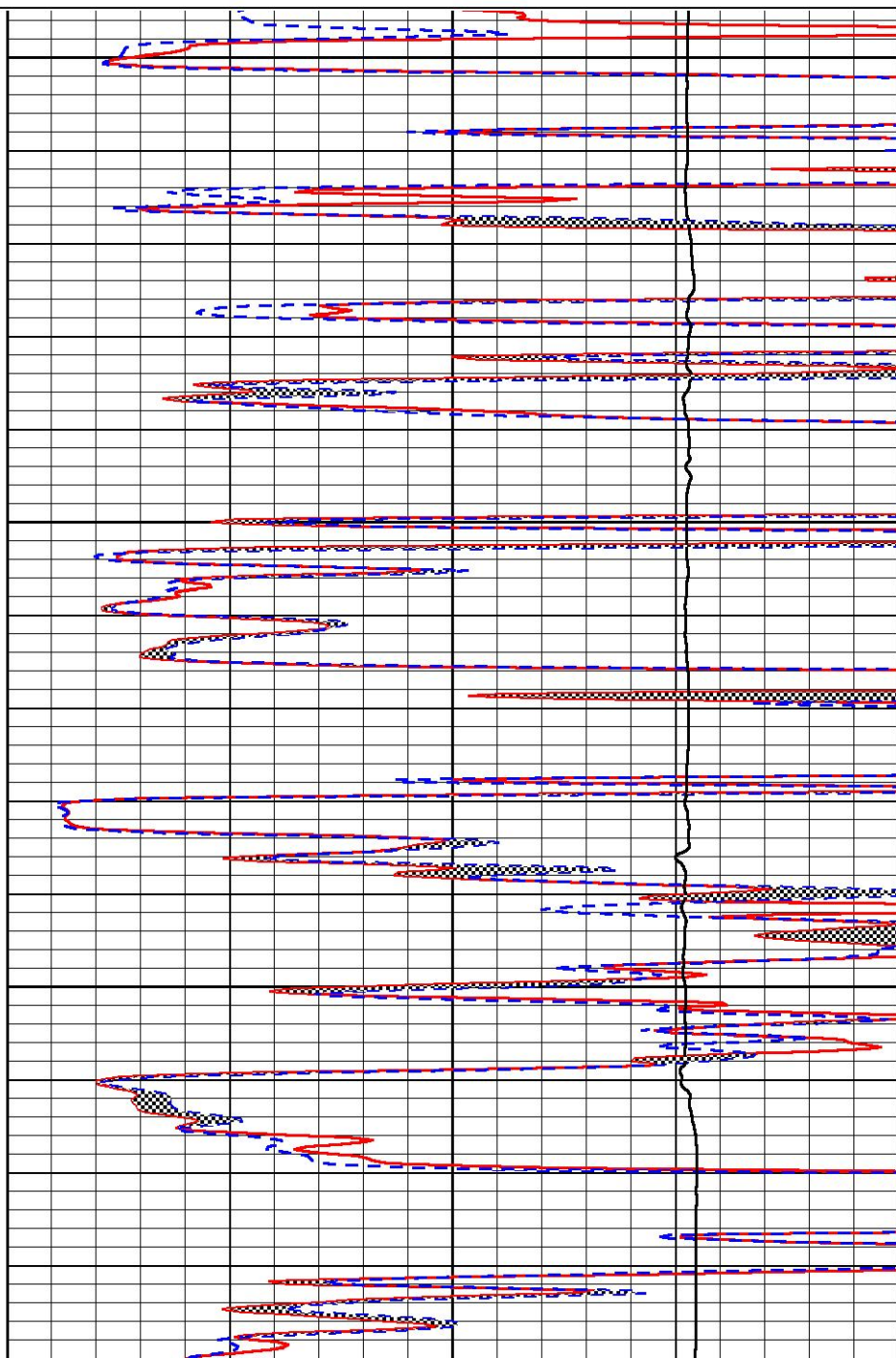
0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

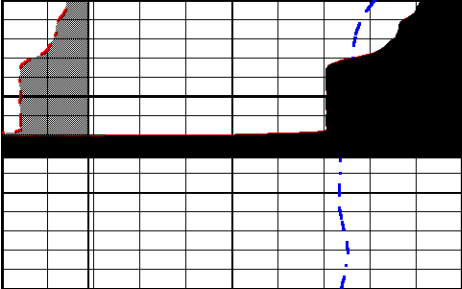


4500

4550

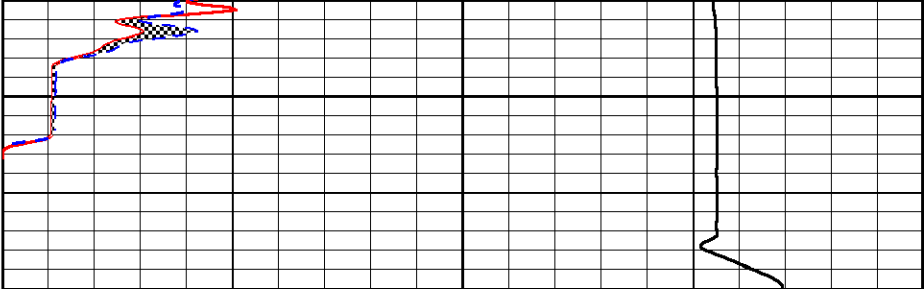
4600





4650

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
2.875	mccl (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