



MICRORESISTIVITY LOG

MIDWEST WIRELINE

Company Berexco LLC		Company Berexco LLC	
Well Gene #1		Well Gene #1	
Field		Field	
County Russell	State Kansas	County Russell	State Kansas
Location: API #: 15-167-24117-00-00		Other Services	
330 FSL & 330 FEL		CNL/CDL DIL/BHCS	
Permanent Datum	Ground Level	Elevation	1903
Log Measured From	Kelly Bushing		
Drilling Measured From	Kelly Bushing		
SEC 8 TWP 11S RGE 15W			
Date	2/14/2022		
Run Number	One		
Depth Driller	3500		
Depth Logger	3504		
Bottom Logged Interval	3503		
Top Log Interval	2600		
Casing Driller	8.625 @ 265		
Casing Logger	260		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	2000		
Density / Viscosity	8.9 52		
pH / Fluid Loss	8.5 9.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.80 @ 72		
Rmt @ Meas. Temp	.60 @ 72		
Rmc @ Meas. Temp	1.08 @ 72		
Source of Rmt / Rmc	CHARTS		
Rm @ BHT	.52 @ 111		
Operating Rig Time	4 Hours		
Max Rec. Temp. F	111		
Equipment Number	P-108		
Location	HAYS		
Recorded By	J. Henrickson		
Witnessed By	Bryan Bynog		

<<< 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.

Paradise Ks

3/4 West on Tower Rd to Fork, Left at fork for 3 Miles,
N 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: Bryan Bynog
Secondary Witness:
Secondary Witness:
Secondary Witness:

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
1	in 7.875	degF 111	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 455	degF 50	Off	ft 3504

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
MCAL MI MN	19.58 19.58 19.58		ML-PSI STKBL ML (402)	7.58	4.00	65.00
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: berexco_gene_1.db: field/well/stackml/pass4.1
 Total length: 42.33 ft
 Total weight: 685.00 lb
 O.D.: 4.00 in



MIDWEST WIRELINE

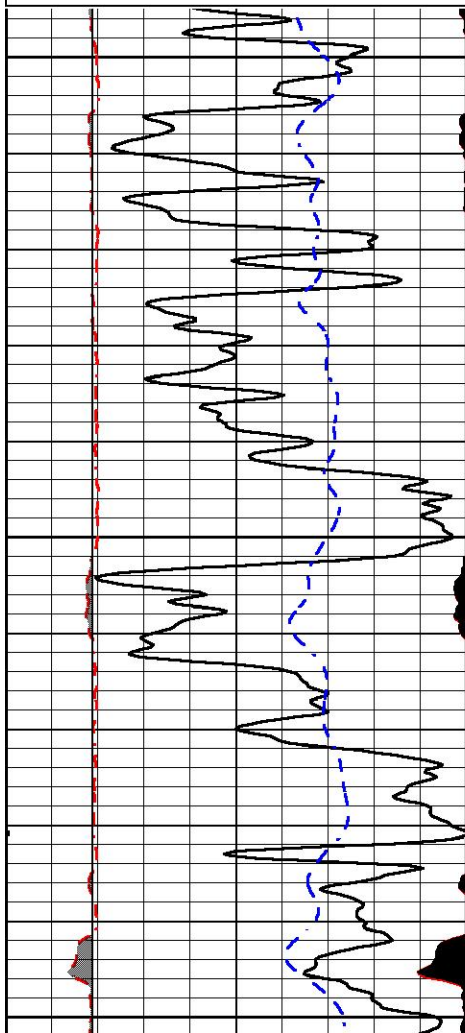
DETAIL SECTION

MAIN PASS

Database File berexco_gene_1.db
 Dataset Pathname stackml/pass4.1
 Presentation Format _micro
 Dataset Creation Mon Feb 14 07:58:00 2022
 Charted by Depth in Feet scaled 1:240

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

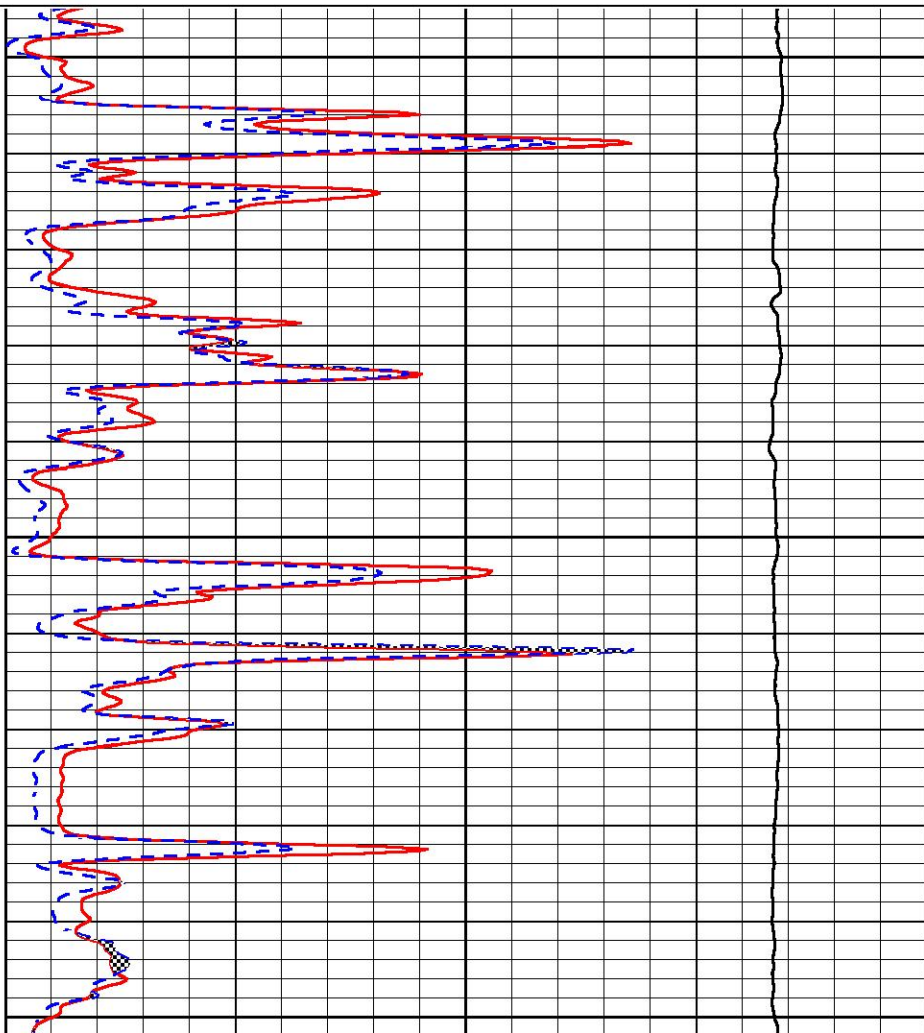
0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

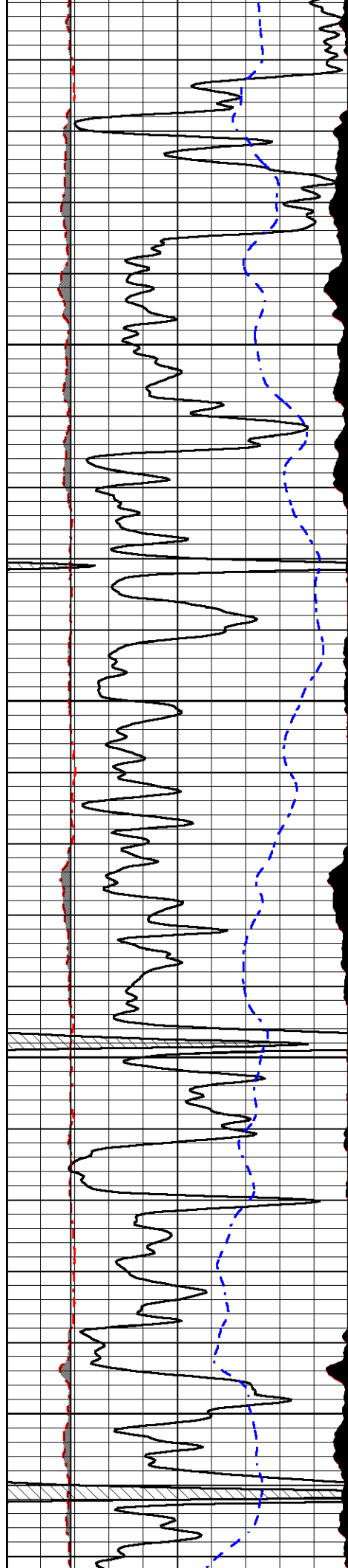


2600

2650

2700



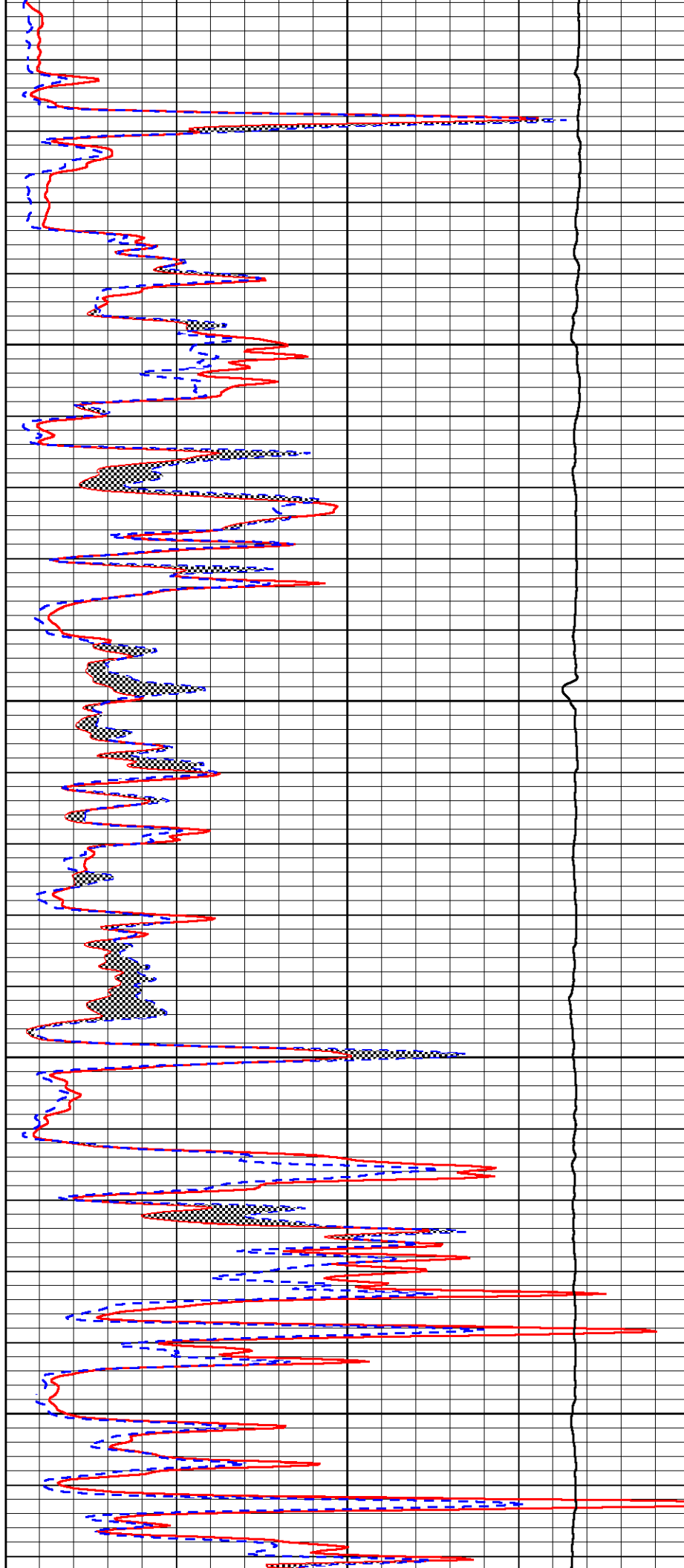


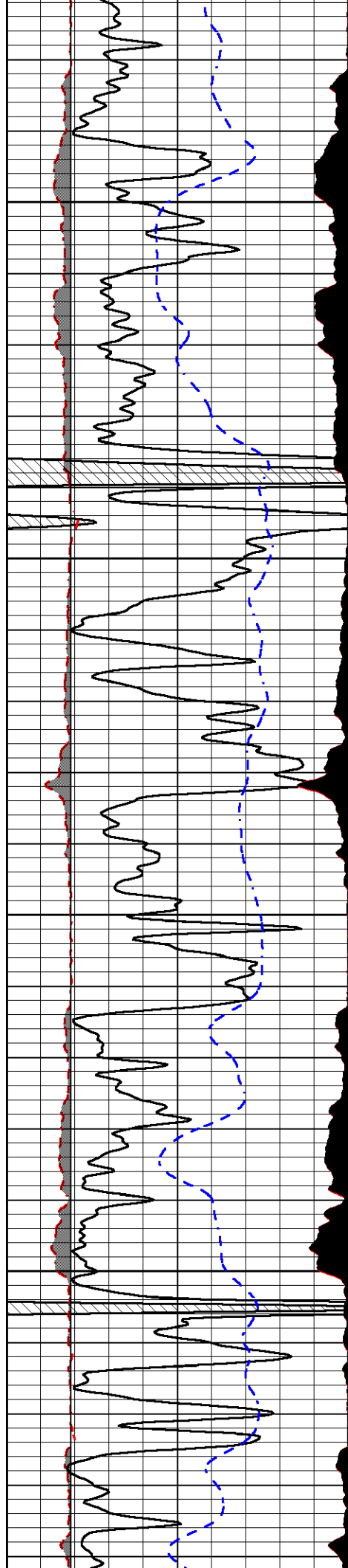
2750

2800

2850

2900



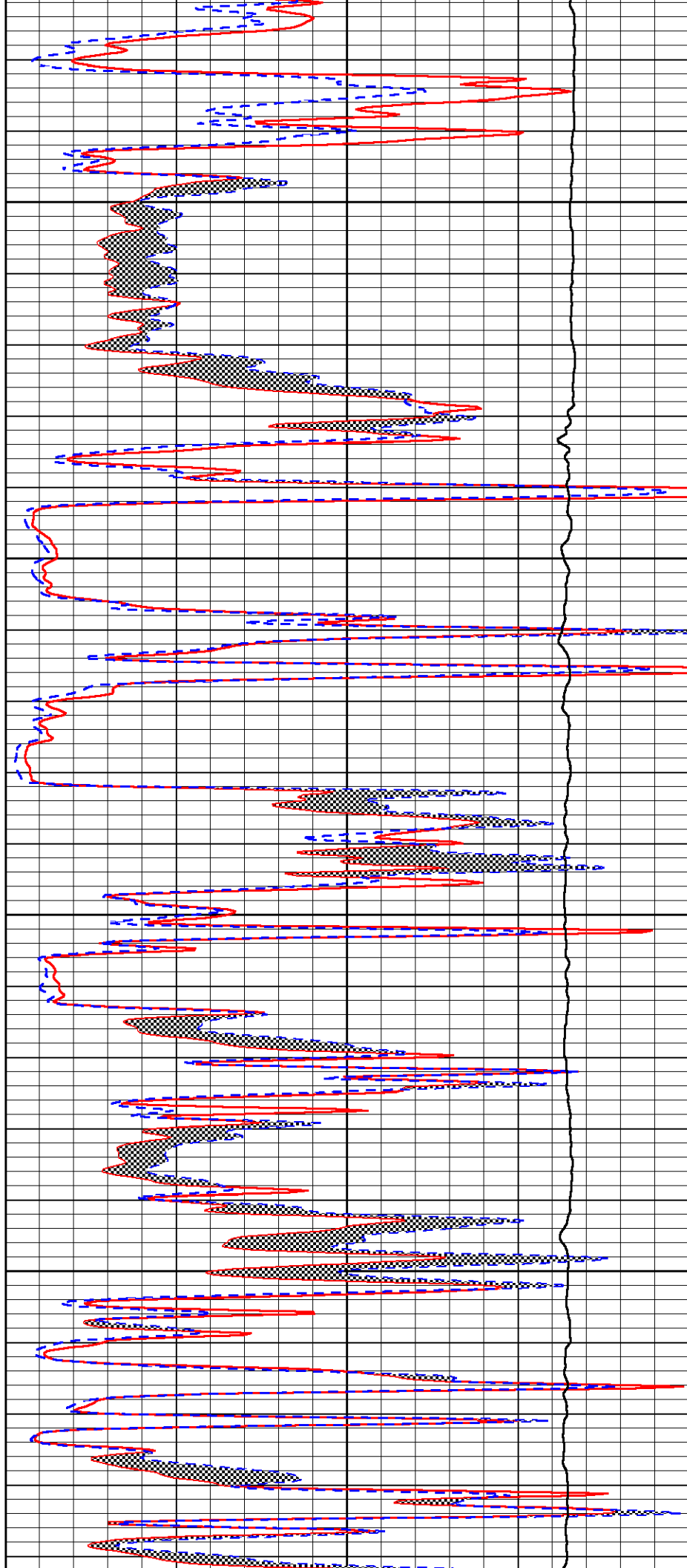


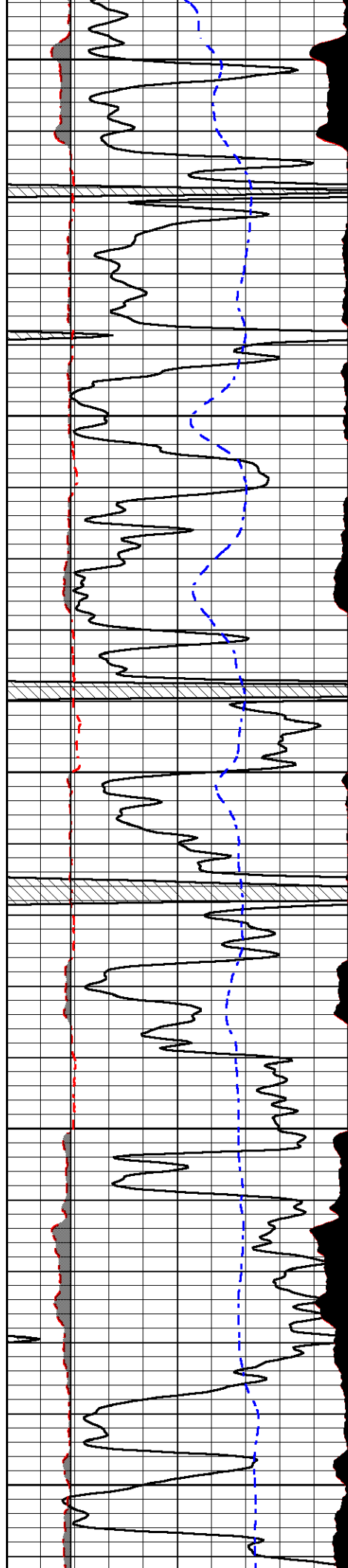
2950

3000

3050

3100





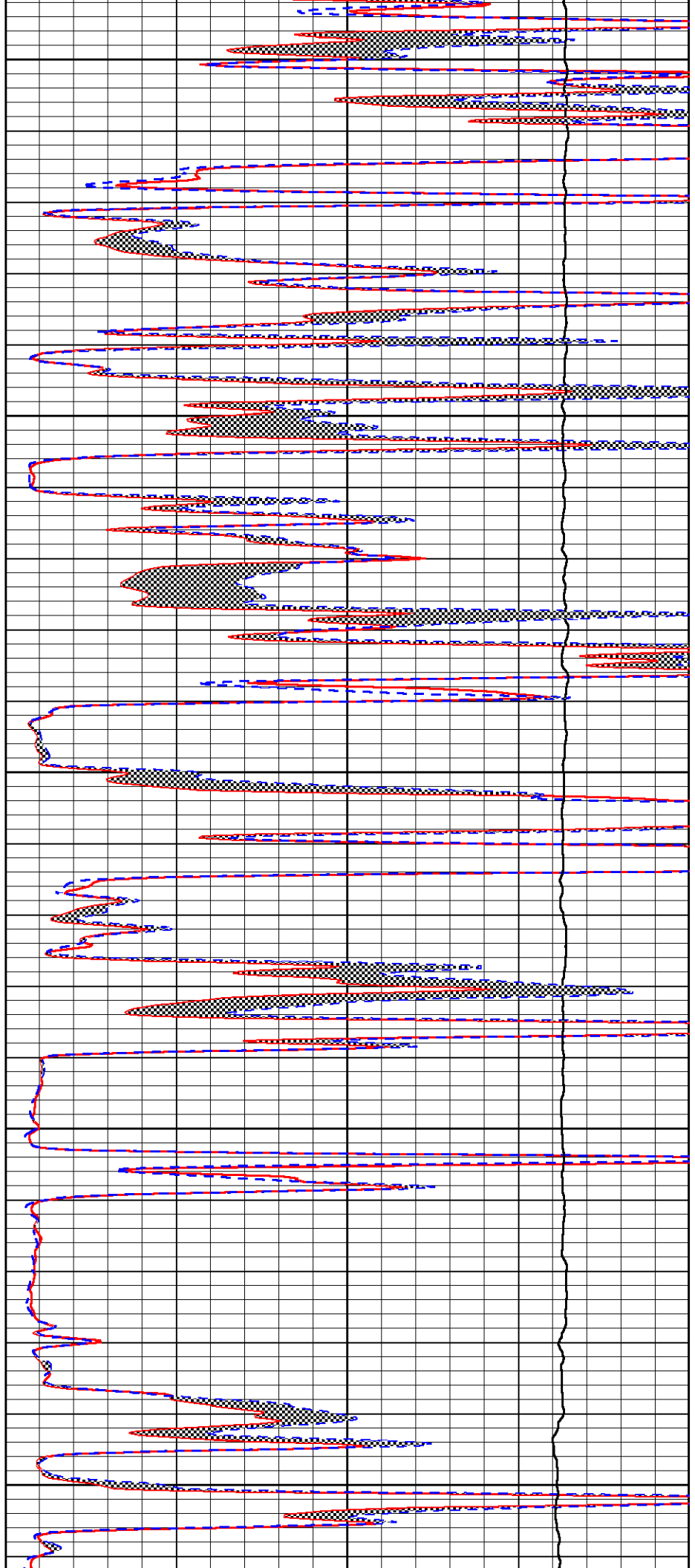
3150

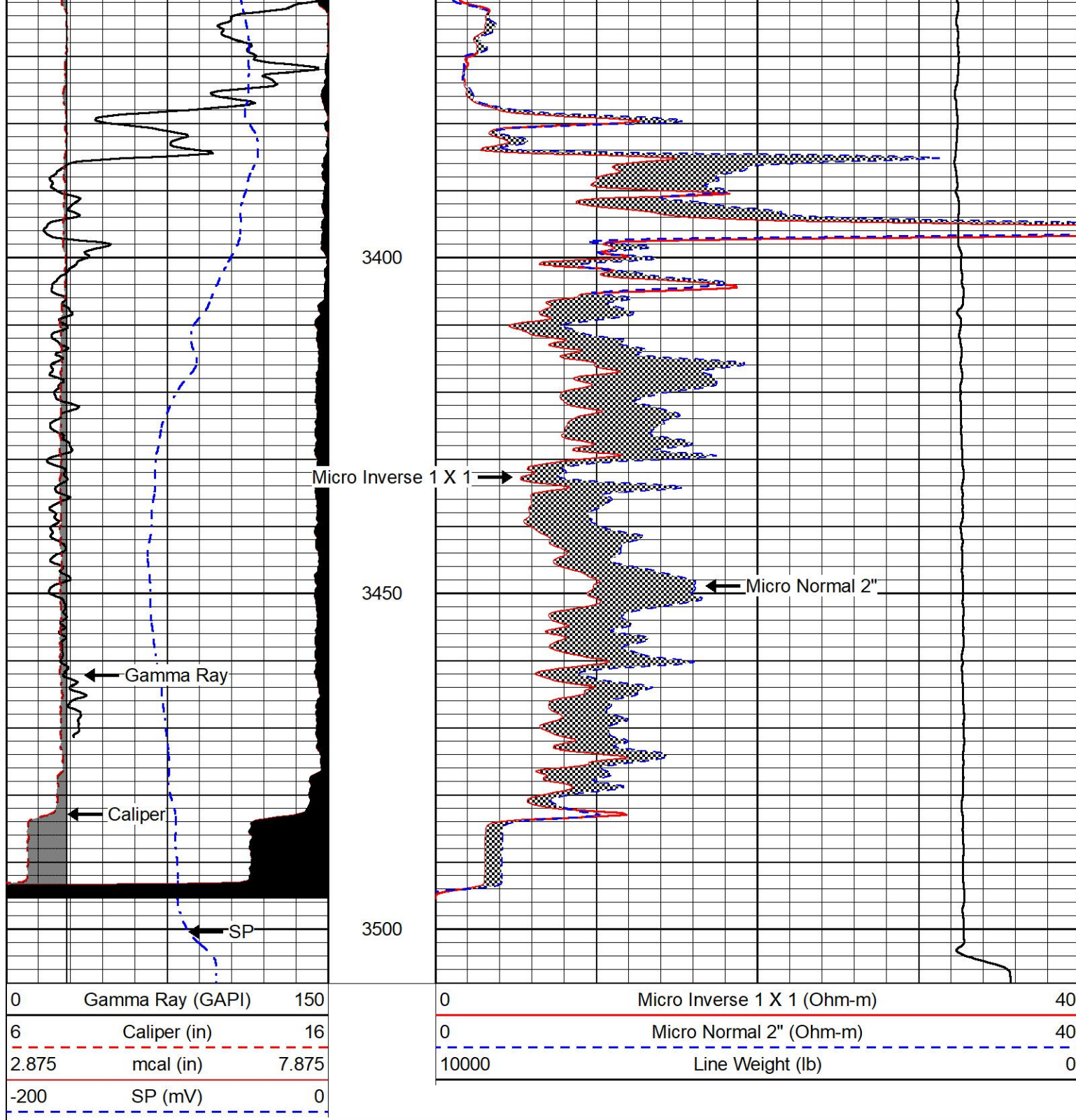
3200

3250

3300

3350





MIDWEST WIRELINE

REPEAT SECTION

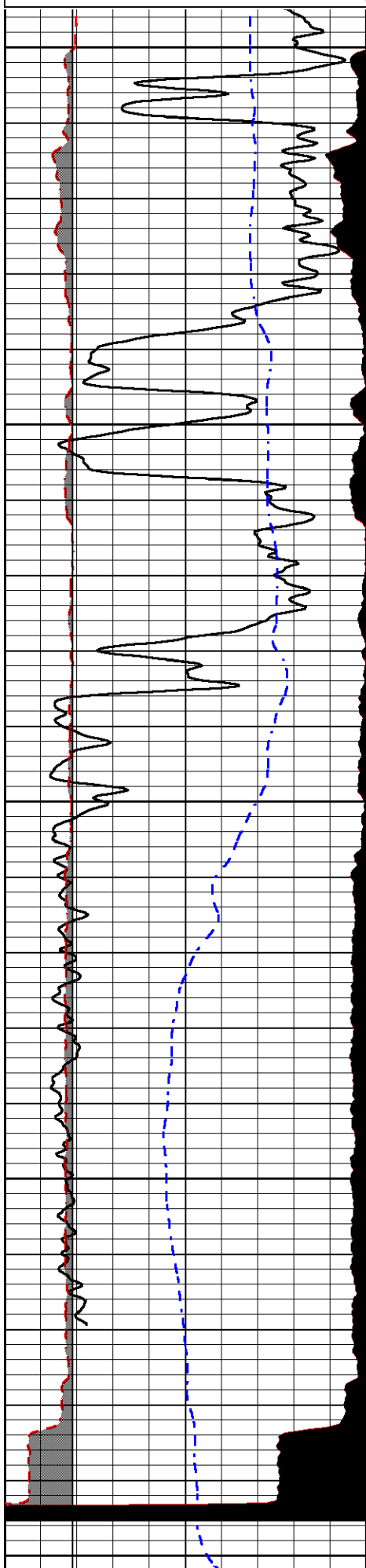
REPEAT PASS

Database File: berexco_gene_1.db
 Dataset Pathname: stackml/pass2.1
 Presentation Format: _micro
 Dataset Creation: Mon Feb 14 07:56:38 2022
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	0	Micro Inverse 1 X 1 (Ohm-m)	40
6	Caliper (in)	16	0	Micro Normal 2\" (Ohm-m)	40

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

10000	Line Weight (lb)	0
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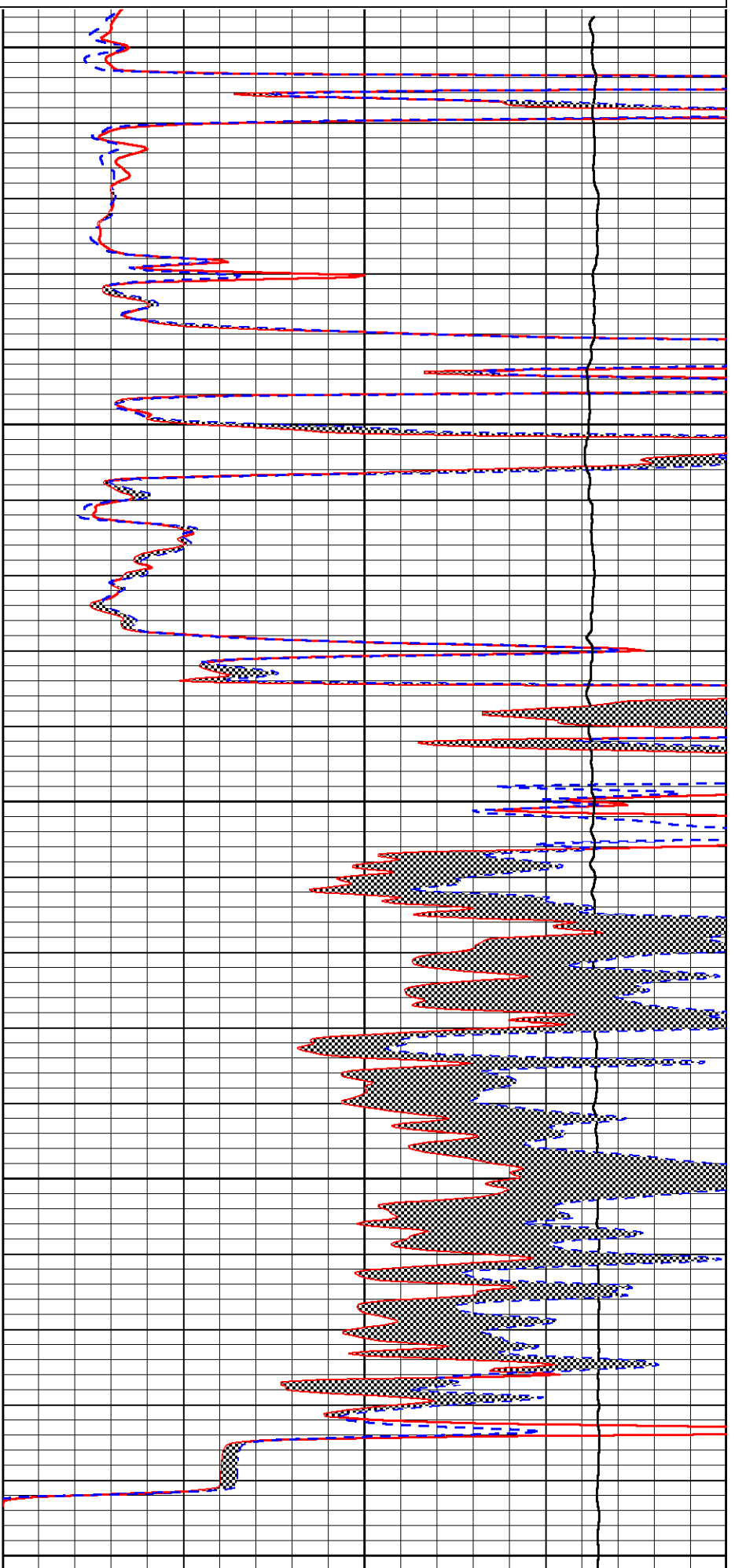
3300

3350

3400

3450

3500



Source #:
Master Calibration Performed:

N-1238
Fri Dec 3 09:16:24 2021

Master Calibration

Detector	Readings	Target	Normalization
Short Space	6240.00 cps	1000.00 cps	1.6025
Long Space	460.00 cps	1000.00 cps	1.9500

Gamma Ray Calibration Report

Serial Number:	103	
Tool Model:	M&W	
Performed:	Fri Dec 3 12:13:24 2021	
Calibrator Value:	500.0	GAPI
Background Reading:	28.0	cps
Calibrator Reading:	986.0	cps
Sensitivity:	0.5700	GAPI/cps



Company	Berexco LLC
Well	Gene #1
Field	
County	Russell
State	Kansas