



MIDWEST WIRELINE

MICRORESISTIVITY LOG

Company Gore Oil Company
 Well Arleta #1-27
 Field
 County Trego State Kansas

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Location: API #: 15-195-23128-00-00
 SE SW SW NW
 2520 FNL & 450 FWL
 SEC 27 TWP 11S RGE 21W
 Permanent Datum Ground Level Elevation 2305
 Log Measured From Kelly Bushing
 Drilling Measured From Kelly Bushing
 Other Services
 CNL/CDL
 DIL/BHCS
 Elevation
 K.B. 2310
 D.F.
 G.L. 2305

Date	11/19/2021
Run Number	Two
Depth Driller	4060
Depth Logger	4060
Bottom Logged Interval	4059
Top Log Interval	3250
Casing Driller	8.625 @ 322
Casing Logger	317
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	4000
Density / Viscosity	9.0 56
pH / Fluid Loss	10.0 7.6
Source of Sample	FLOWLINE
Rm @ Meas. Temp	0.95 @ 60
Rmt @ Meas. Temp	0.71 @ 60
Rmc @ Meas. Temp	1.28 @ 60
Source of Rmf / Rmc	CHARTS
Rm @ BHT	0.49 @ 117
Operating Rig Time	4.5 Hours
Max Rec. Temp. F	117
Equipment Number	P-108
Location	HAYS
Recorded By	T. Martin
Witnessed By	Marc Downing

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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.

I-70 & Riga Rd, 7 N, E into

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

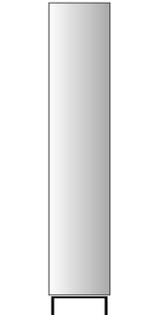
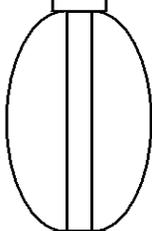
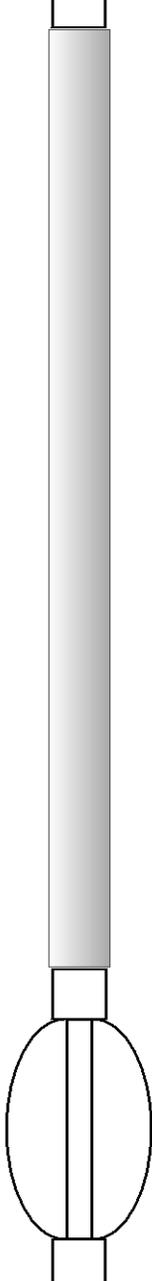
THANK YOU FOR USING MIDWEST WIRELINE LLC
 785-625-3858

Your Midwest Wireline Crew

Engineer: T. Martin
 Operator:
 Operator:
 Operator:

This Log Record Was Witnessed By

Primary Witness: Marc Downing
 Secondary Witness:
 Secondary Witness:
 Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
MCAL MI MN	28.00 28.00 28.00		ML-Armadillo (Armadillo-1) Pengo micro log tool mandrel with Armadillo Electronics	5.00	3.50	100.00
			CENT-PENGO	5.50	3.00	70.00
WVF4 WVF1	13.50 13.50		SLT-PENGO (0001)	16.00	3.50	300.00
WVF3 WVF2	11.50 11.50					
			CENT-PENGO	5.50	3.00	70.00

Dataset: gore_arleta #1-27.db: field/well/SonMel/pass3
 Total length: 32.00 ft
 Total weight: 540.00 lb
 O.D.: 3.50 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\gore_arleta #1-27.db
 Dataset field/well/Stack/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	117	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	530	50	Off	4060



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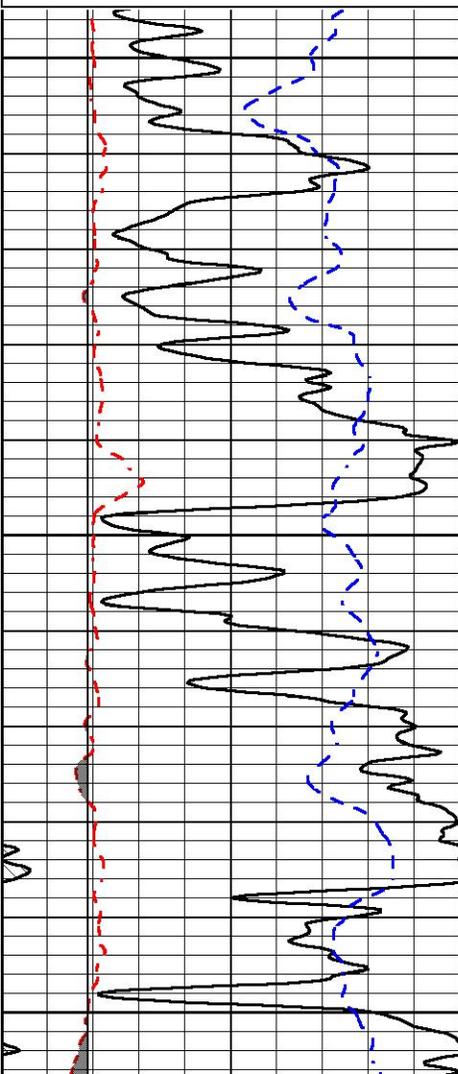
DETAIL SECTION

MAIN PASS

Database File gore_arleta #1-27.db
 Dataset Pathname Stack/pass3.1
 Presentation Format _micro
 Dataset Creation Fri Nov 19 04:21:19 2021
 Charted by Depth in Feet scaled 1:240

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

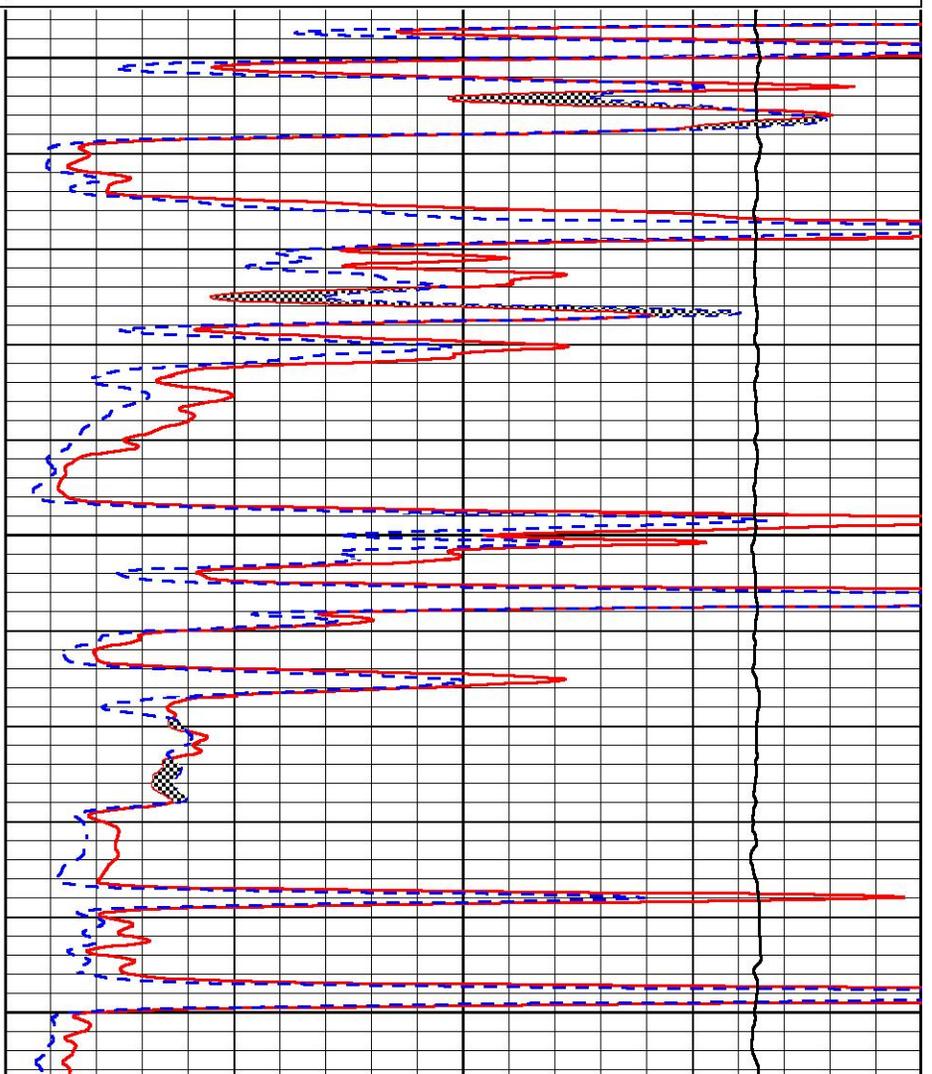
0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

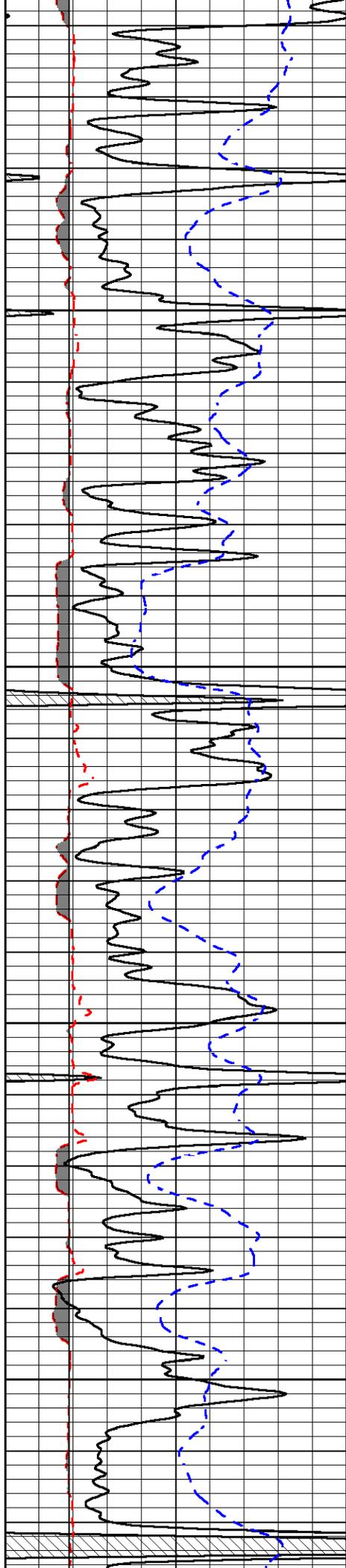


3250

3300

3350



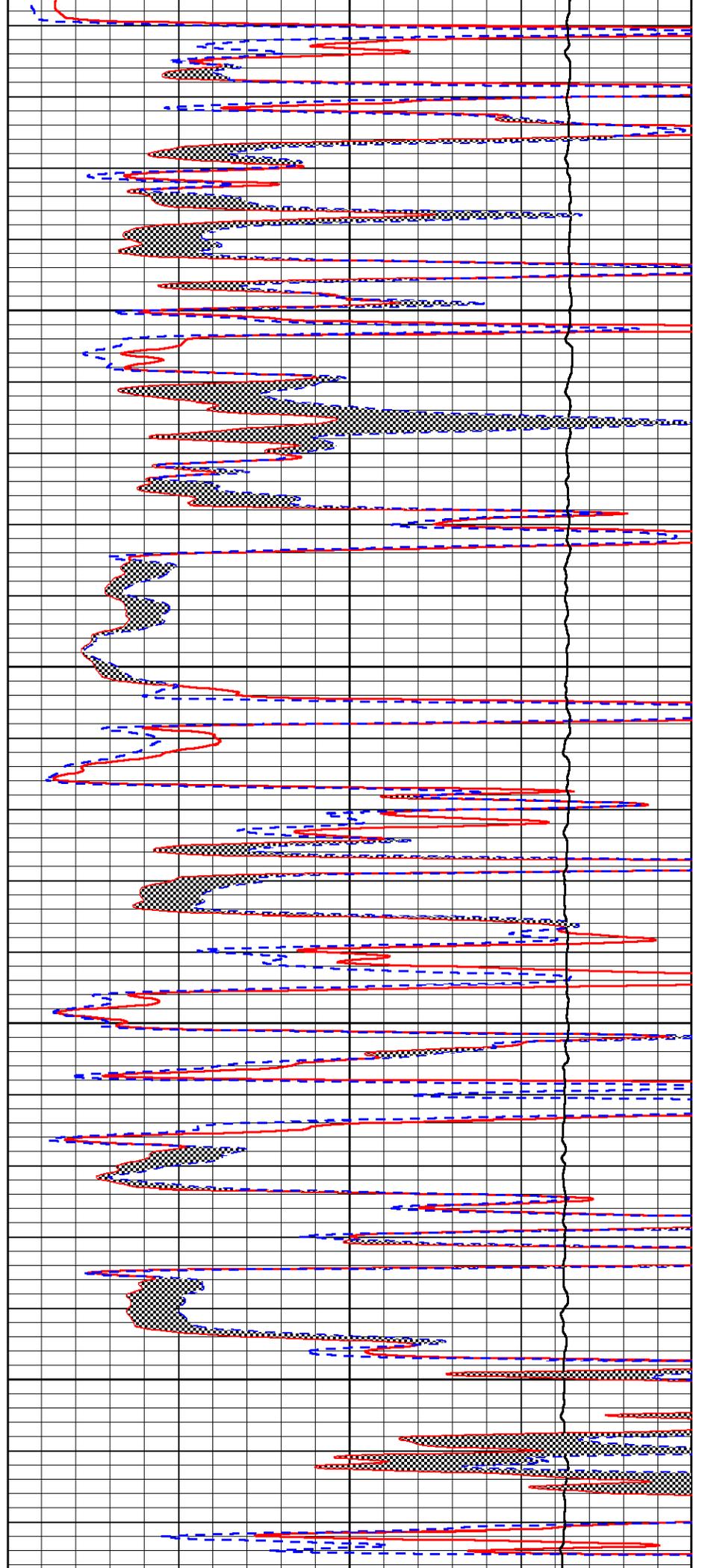


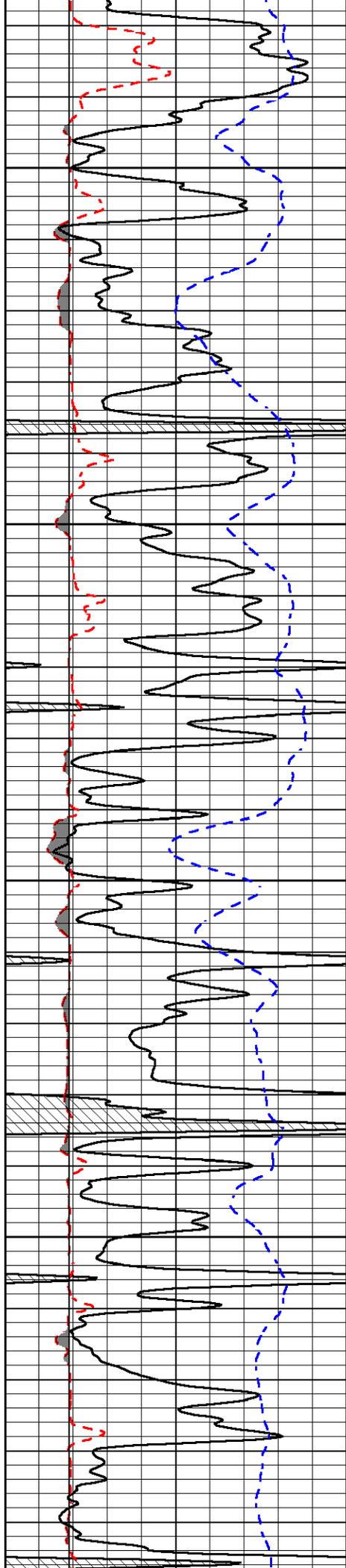
3400

3450

3500

3550



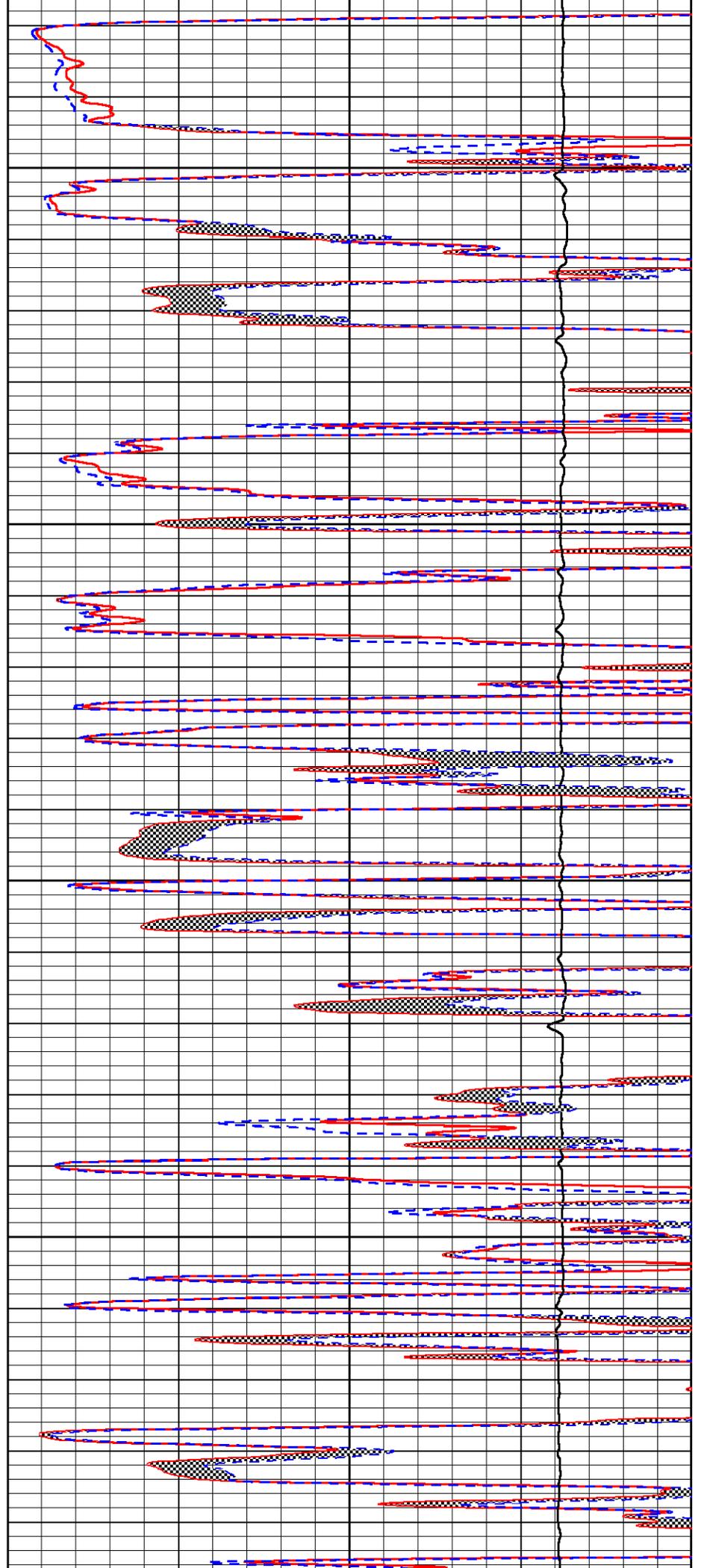


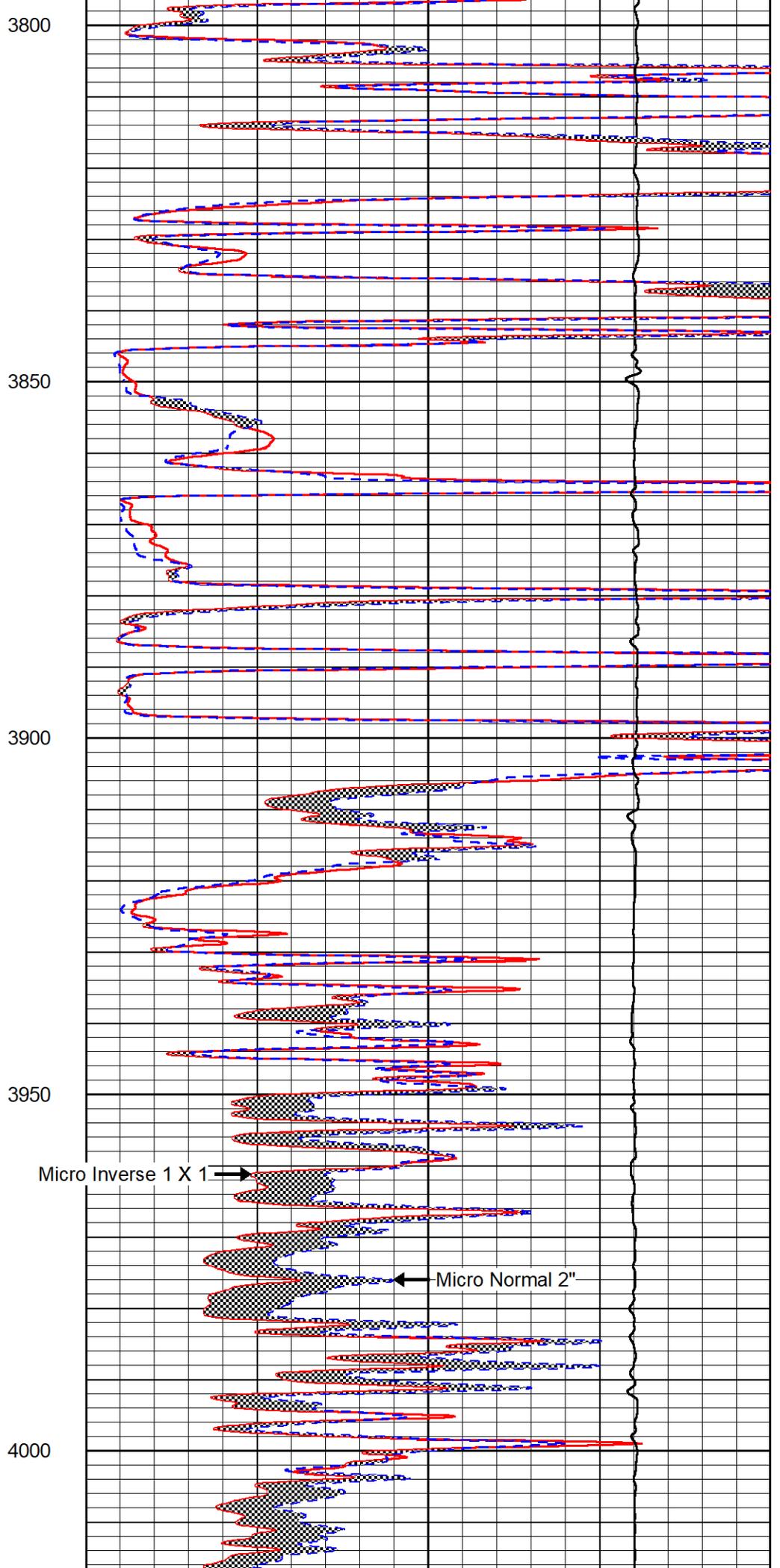
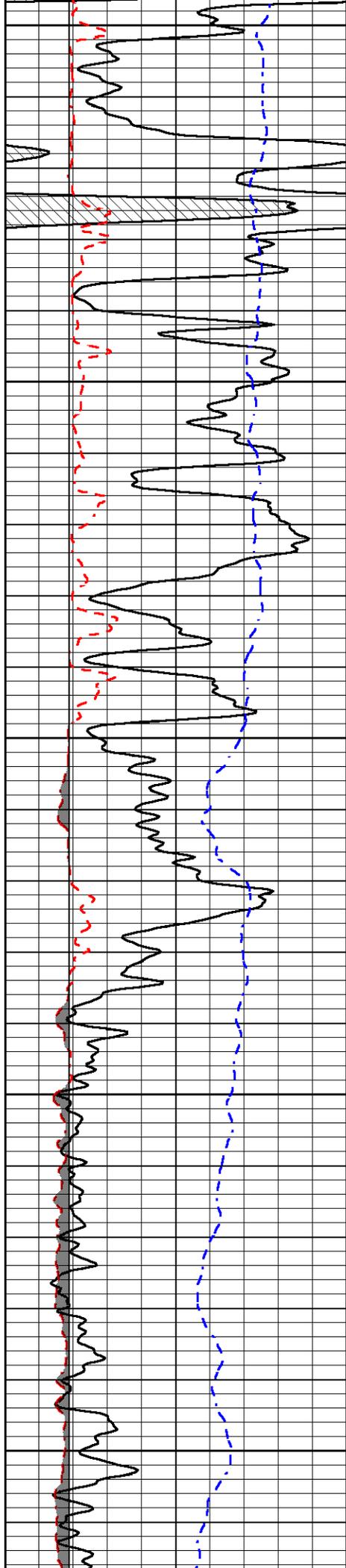
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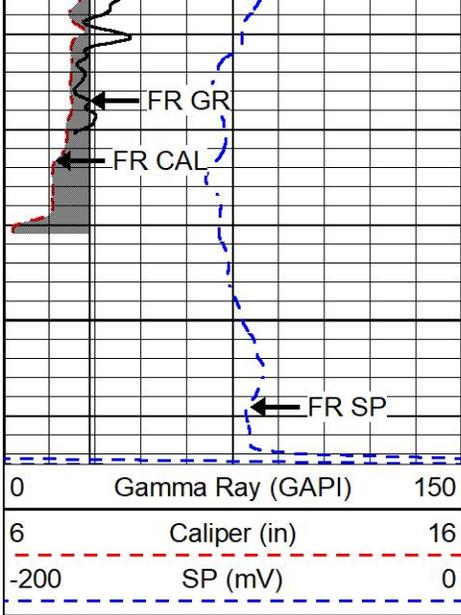
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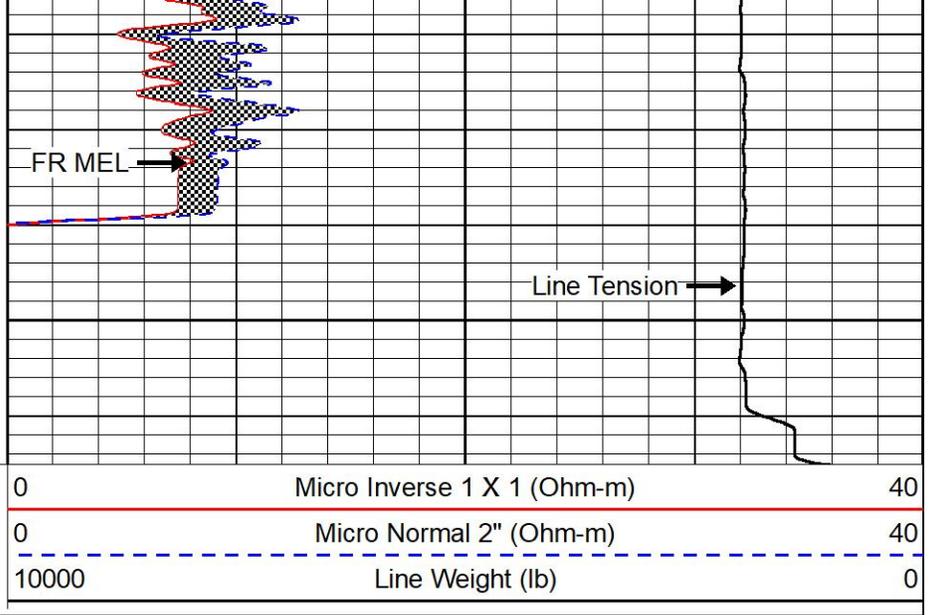
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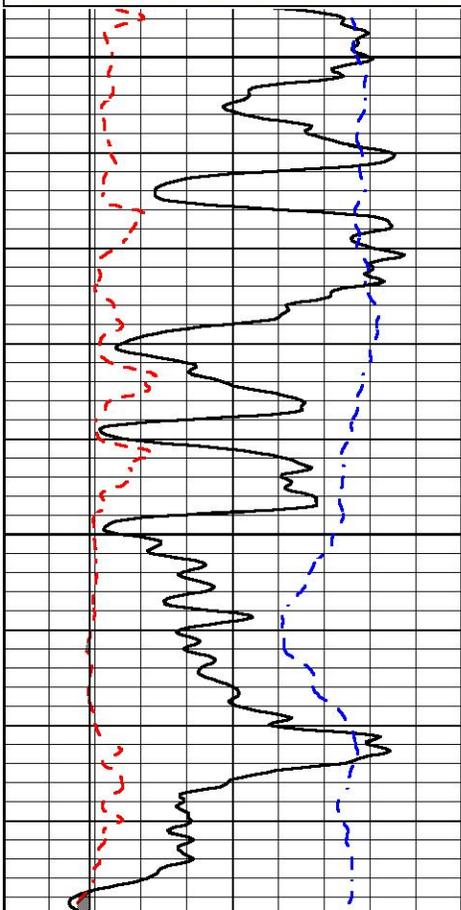
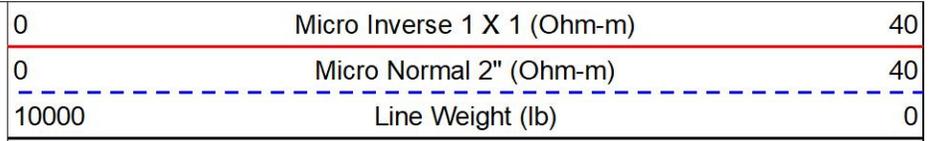
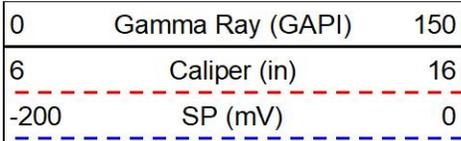


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REPEAT SECTION

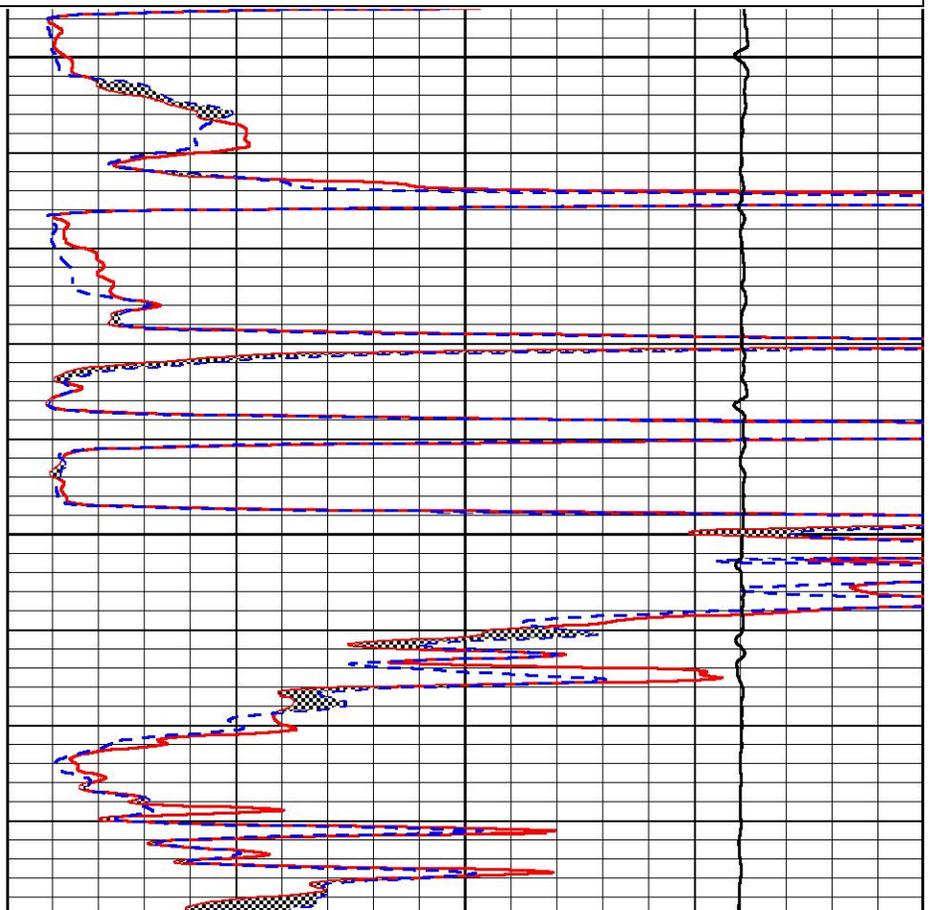
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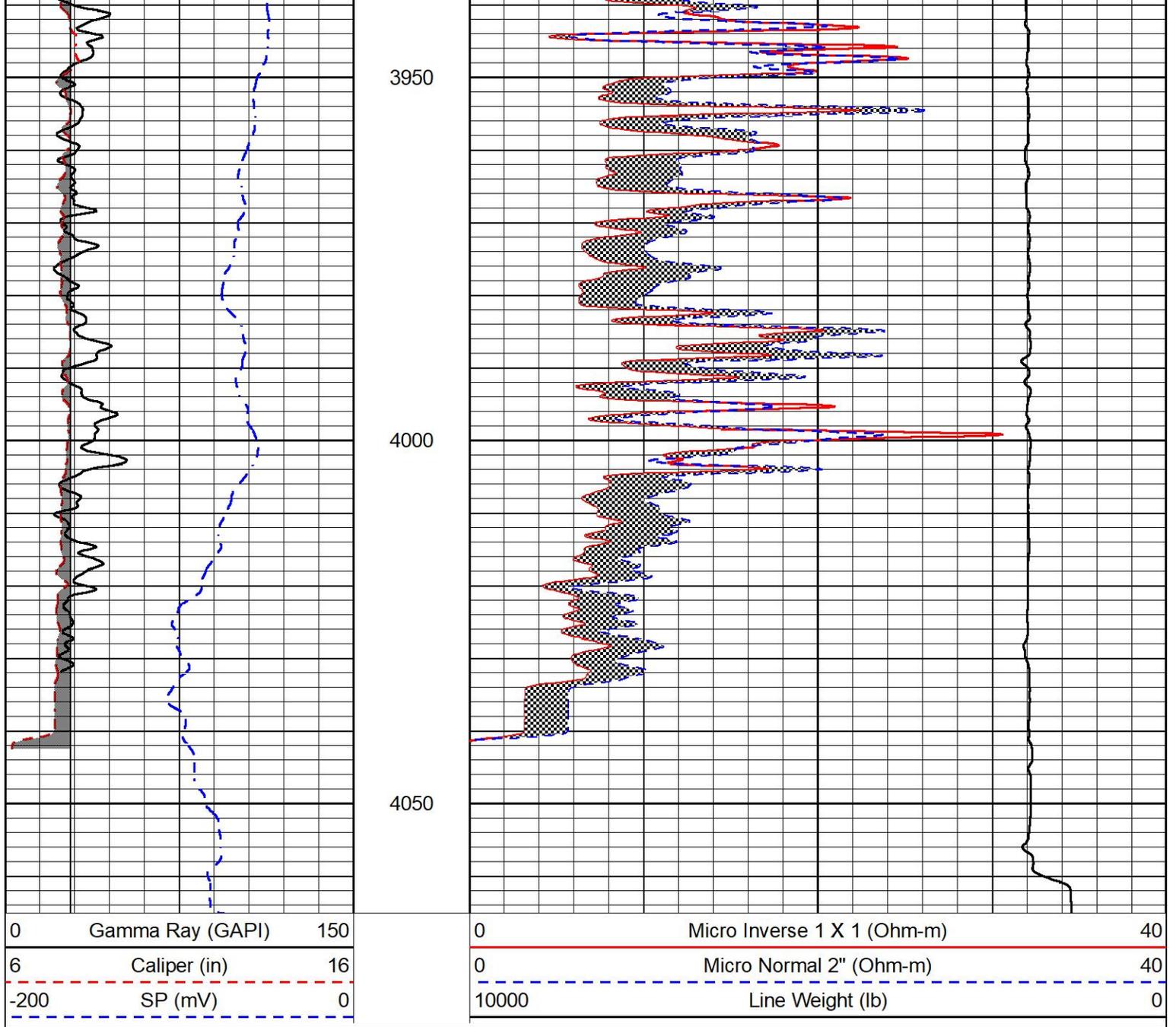
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 Presentation Format _micro
 Dataset Creation Fri Nov 19 03:50:02 2021
 Charted by Depth in Feet scaled 1:240



3850

3900





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Company Gore Oil Company
 Well Arleta #1-27
 Field
 County Trego
 State Kansas