



MICRORESISTIVITY LOG

PIONEER
Pioneer Energy Services

Company **LARSON ENGINEERING, INC.**
Well **SCHNEIDER C #10**
Field **TRAPP**
County **BARTON** State **KANSAS**

Location: API #: 15-009-26254-00-00

Other Services

SEC 2 TWP 16S RGE 14W
924' FNL & 2228' FEL

CNL/CDL
DIL

Permanent Datum GROUND LEVEL Elevation 1883'
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Elevation
K.B. 1891'
D.F. N/A
G.L. 1883'

Date 3/12/2019

Run Number	ONE		
Depth Driller	3415'		
Depth Logger	3415'		
Bottom Logged Interval	3414'		
Top Log Interval	2700'		
Casing Driller	8.625" @ 431'		
Casing Logger	430'		
Bit Size	7.875"		
Type Fluid in Hole	CHEMICAL		
Salinity, ppm CL	10000		
Density / Viscosity	9.3 53		
pH / Fluid Loss	9.5 13.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.30 @ 65		
Rmt @ Meas. Temp	0.23 @ 65		
Rmc @ Meas. Temp	0.41 @ 65		
Source of Rmt / Rmc	CHARTS		
Rm @ BHT	0.18 @ 110		
Operating Rig Time	3 HOURS		
Max Rec. Temp. F	110		
Equipment Number	108		
Location	HAYS		
Recorded By	IAN MABB		
Witnessed By	VERN SCHRAG		

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, 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.

RUSSELL, KS.

SOUTH ON 281 TO RD 230TH (COUNTY LINE),
EAST 1/2 MILE, SOUTH INTO

Log Measured From: KELLY BUSHING 8 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerenergy.com 785-625-3858

Your Pioneer Energy Services Crew

Engineer: IAN MABB
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: VERN SCHRAG
Secondary Witness:
Secondary Witness:
Secondary Witness:

Log Variables

DatabaseC:\Users\imabb\Desktop\Logs\Larson\Schneider C #10\larson_schneider_c_10.db
Dataset field/well/stackmel/pass4.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
0	0	0	0	0	0	0	0
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
0	0	0	0	0	0	0	0

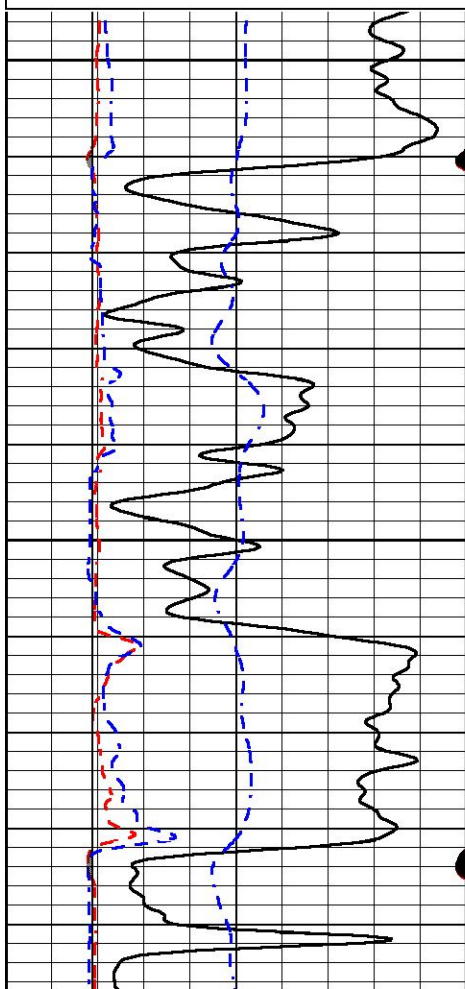


MAIN PASS

Database File c:\users\imabb\desktop\logs\larson\schneider c #10\larson_schneider_c_10.db
Dataset Pathname stackmel/pass5.1
Presentation Format micro
Dataset Creation Tue Mar 12 02:28:49 2019
Charted by Depth in Feet scaled 1:240

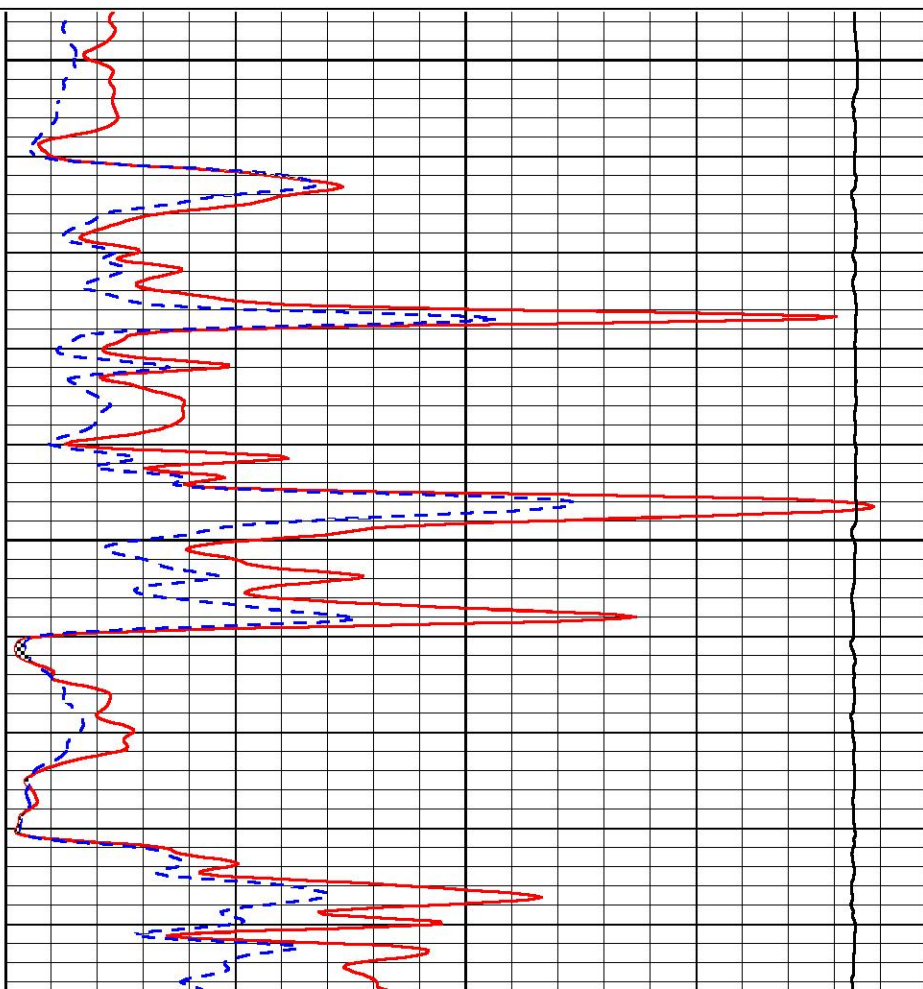
0	GAMMA RAY (GAPI)	150
6	MICRO CALIPER (in)	16
6	BIT SIZE (in)	16
-200	SP (mV)	0
6	dcal (in)	16

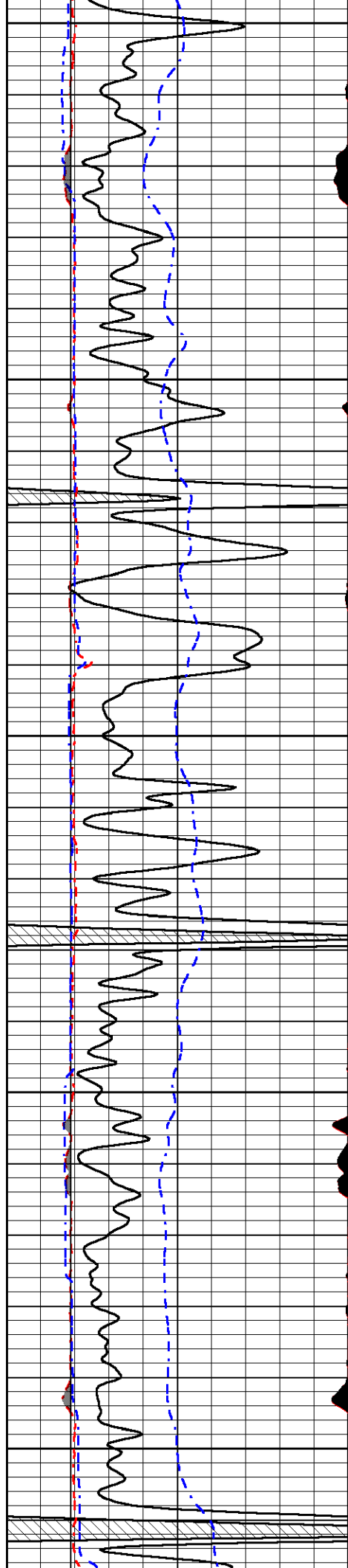
0	MICRO INVERSE 1 X 1 (Ohm-m)	40
0	MICRO NORMAL 2" (Ohm-m)	40
15000	LINE TENSION (lb)	0



2700

2750





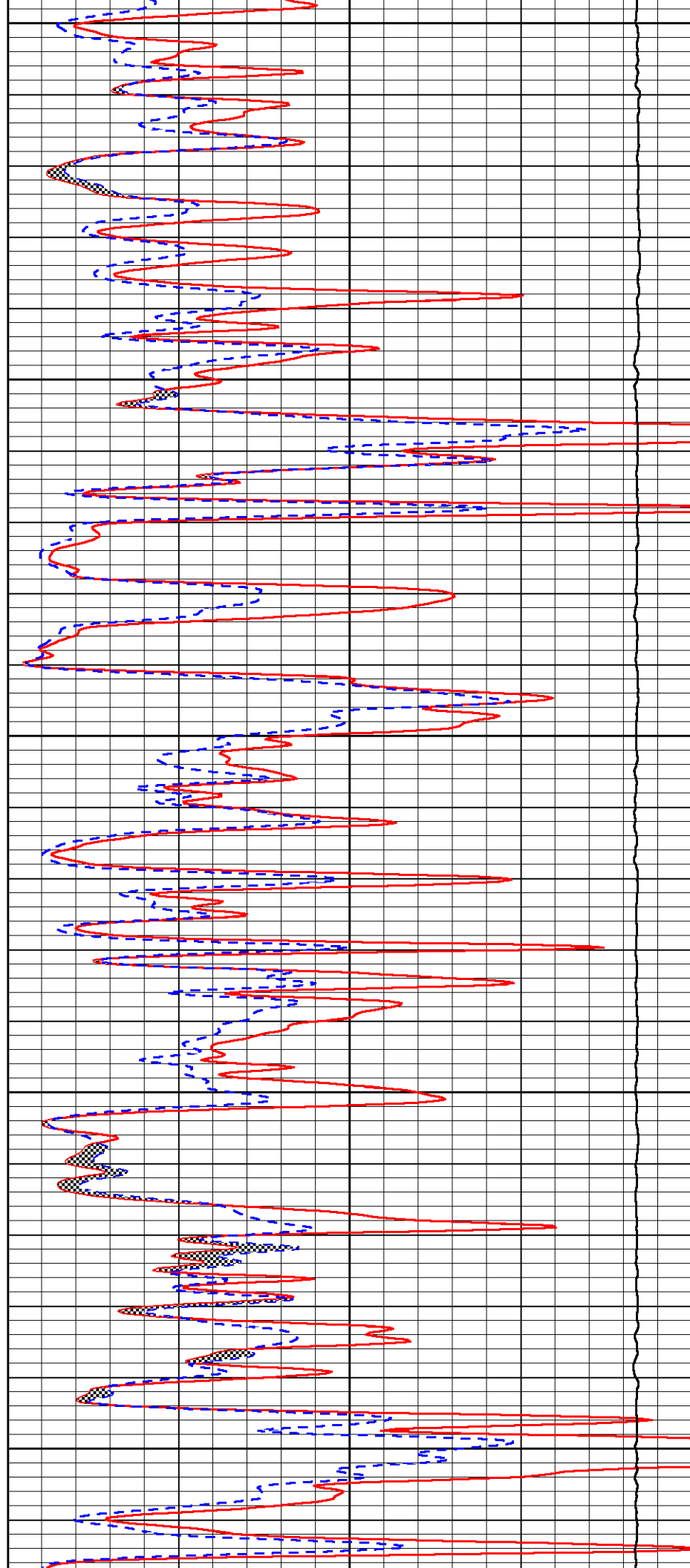
2800

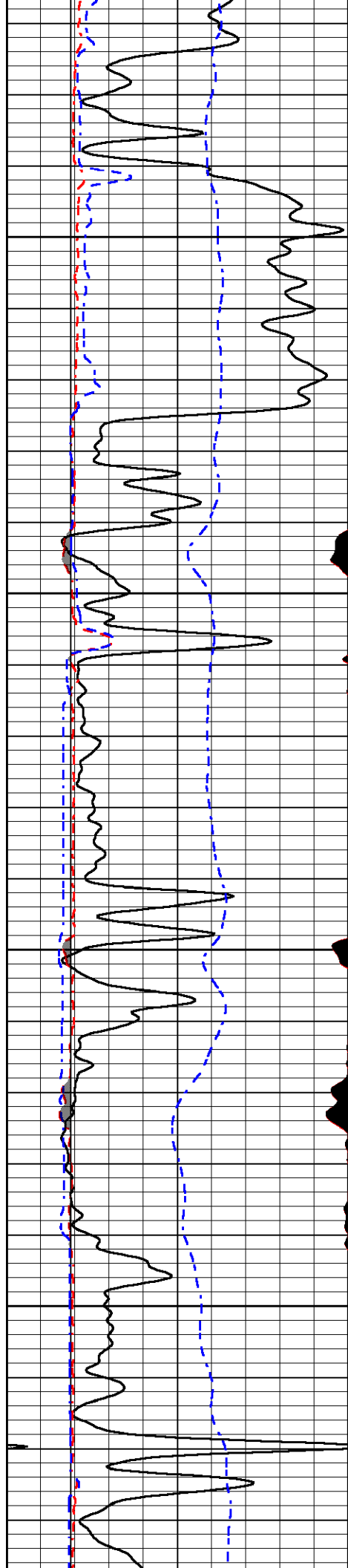
2850

2900

2950

3000



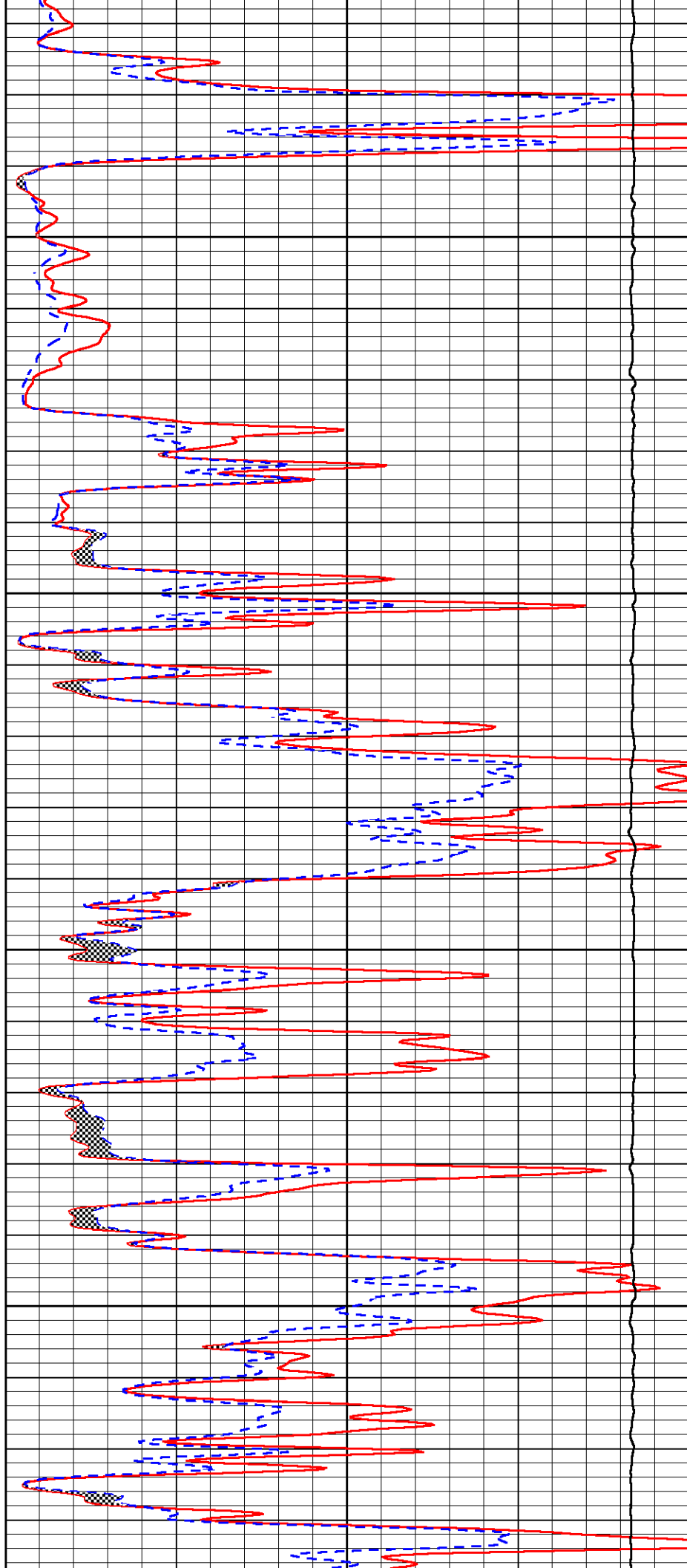


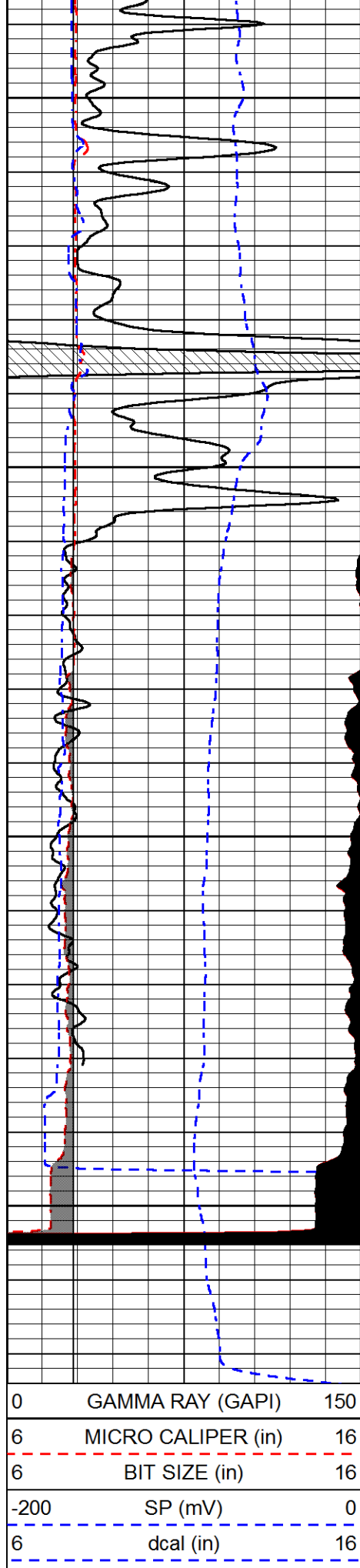
3050

3100

3150

3200



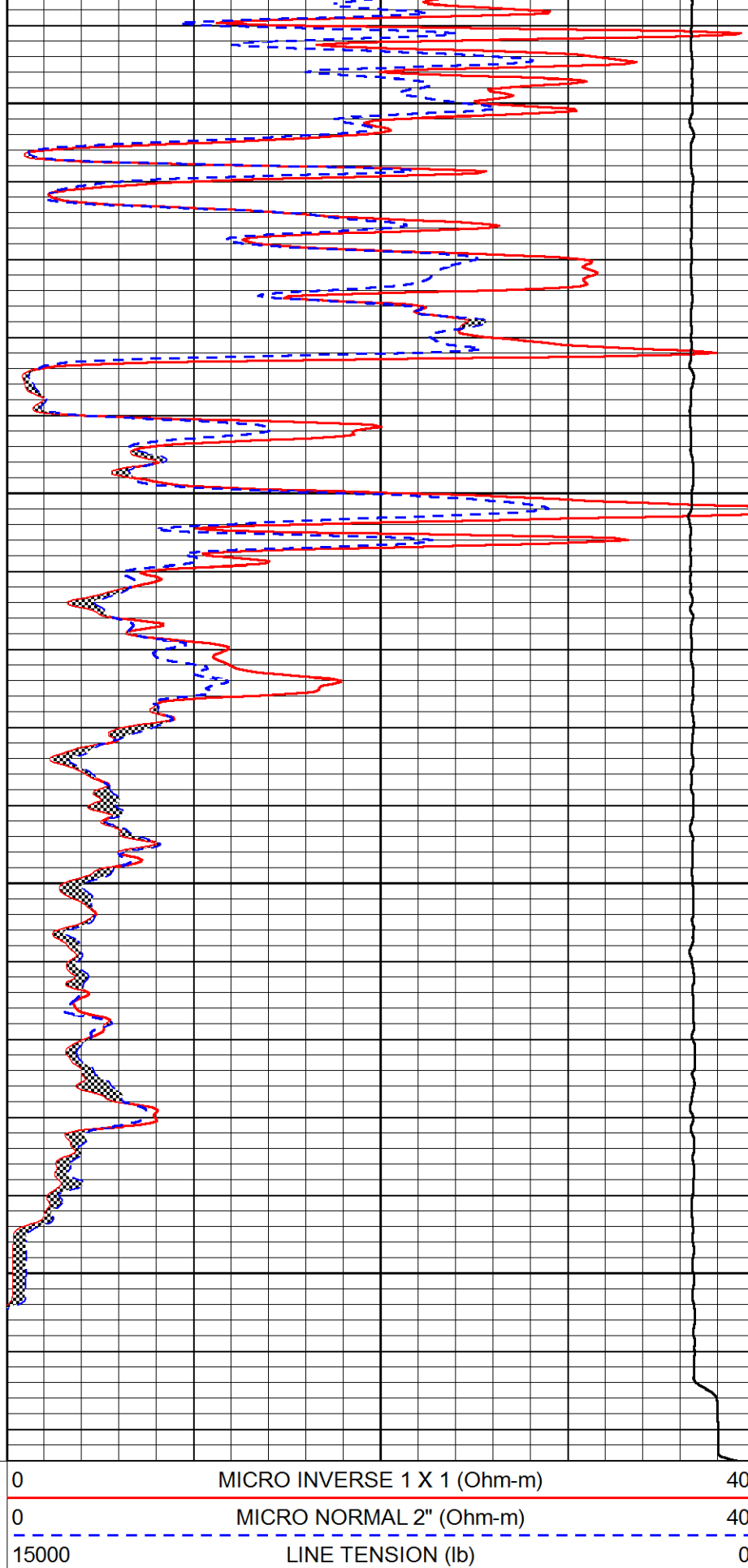


3250

3300

3350

3400

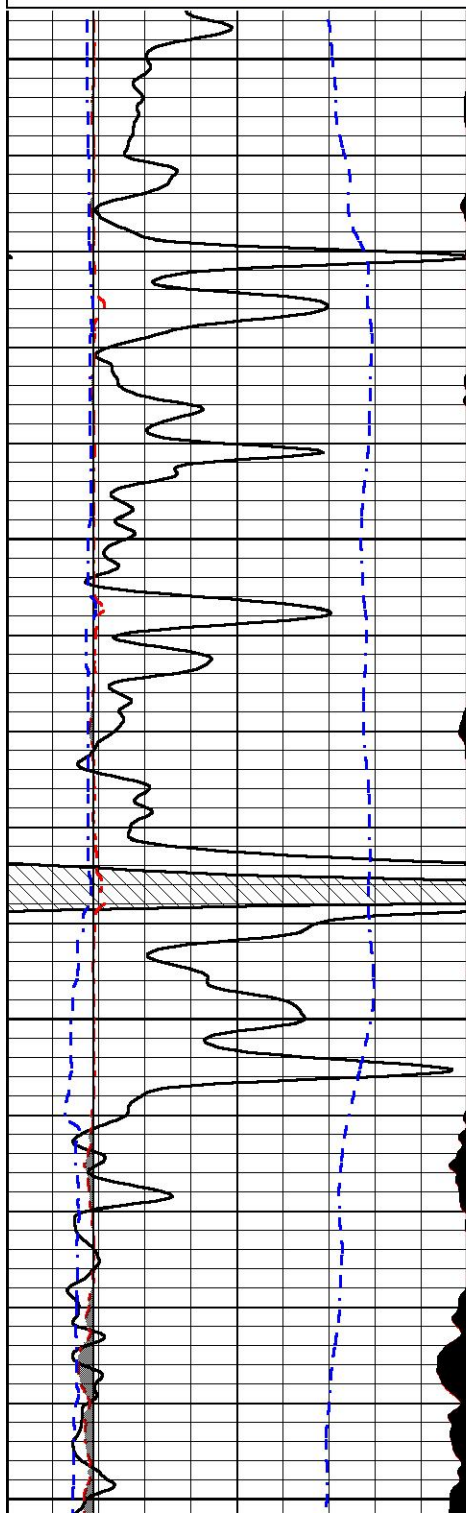


REPEAT SECTION

Database File	c:\users\imabb\desktop\logs\larson\schneider c #10\larson_schneider_c_10.db
Dataset Pathname	stackmel/pass2.1
Presentation Format	micro
Dataset Creation	Tue Mar 12 02:10:32 2019
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
6	MICRO CALIPER (in)	16
6	BIT SIZE (in)	16
-200	SP (mV)	0
6	dcal (in)	16

0	MICRO INVERSE 1 X 1 (Ohm-m)	40
0	MICRO NORMAL 2" (Ohm-m)	40
15000	LINE TENSION (lb)	0

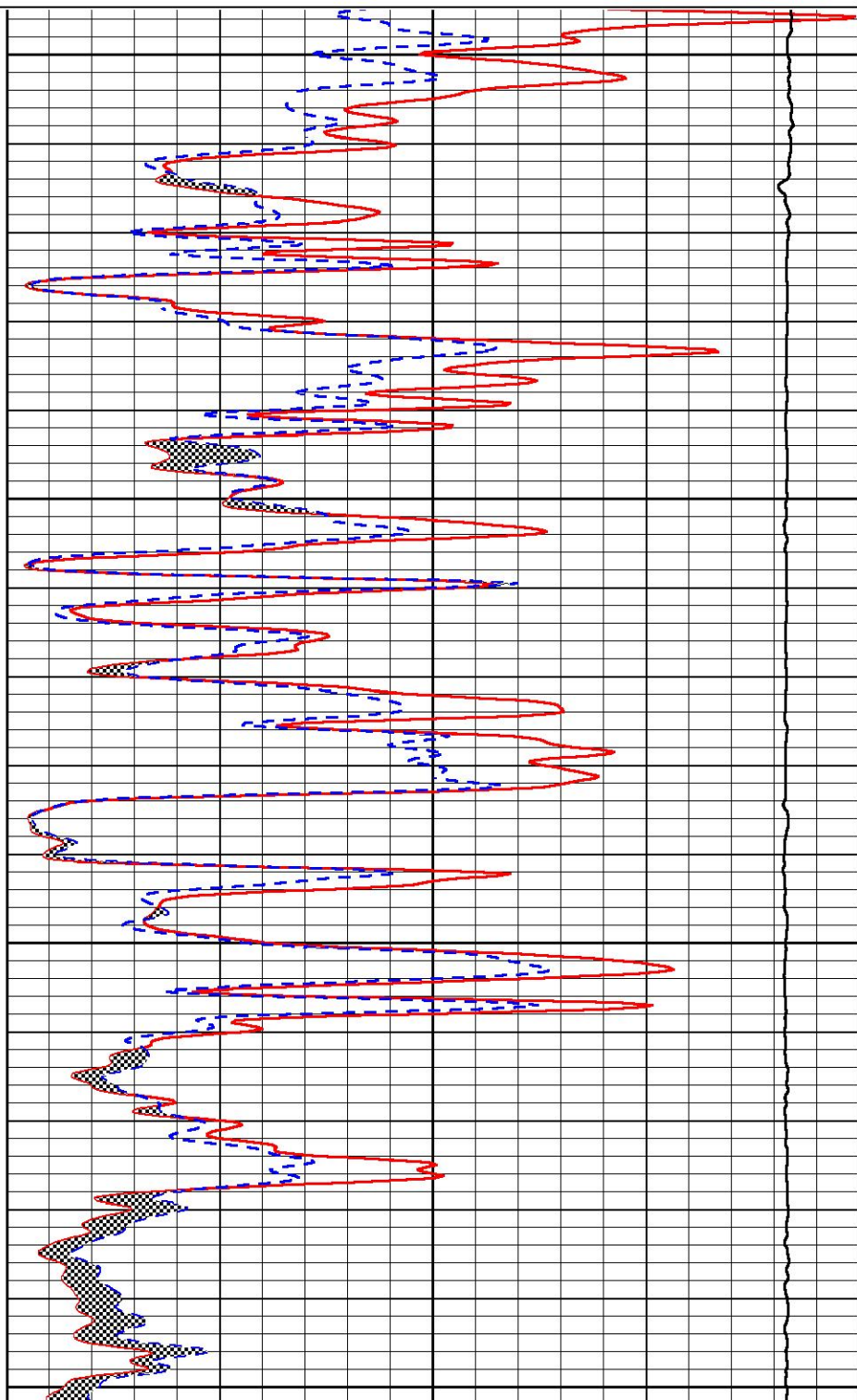


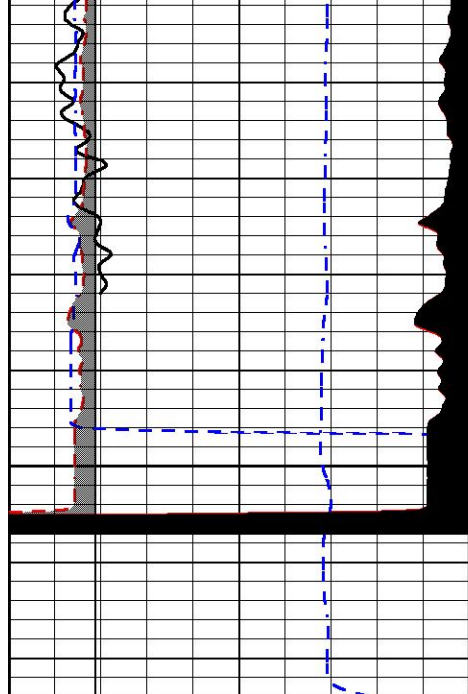
3200

3250

3300

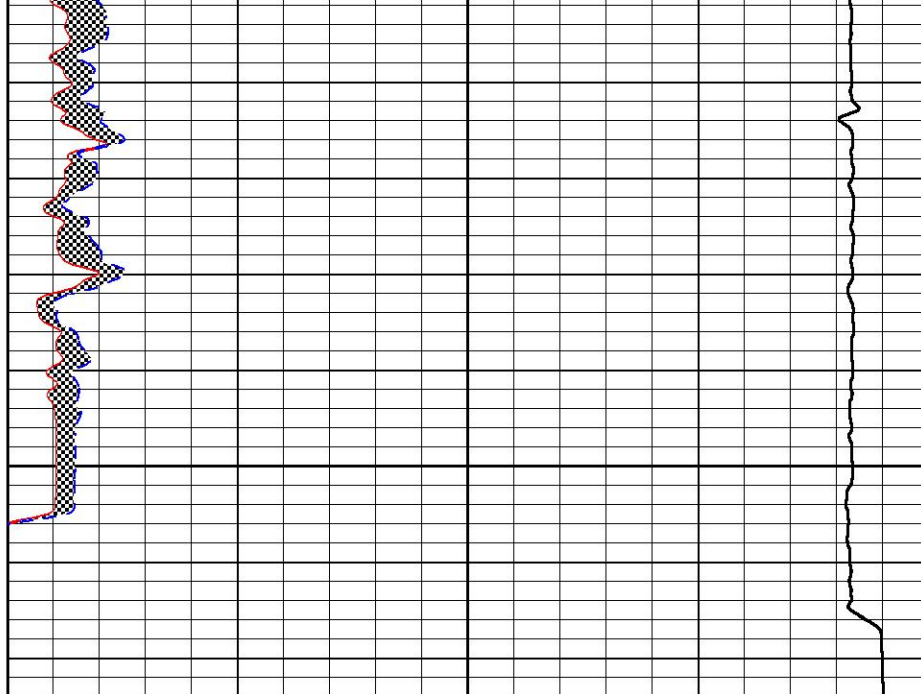
3350





3400

0	GAMMA RAY (GAPI)	150
6	MICRO CALIPER (in)	16
6	BIT SIZE (in)	16
-200	SP (mV)	0
6	dcal (in)	16



0	MICRO INVERSE 1 X 1 (Ohm-m)	40
0	MICRO NORMAL 2" (Ohm-m)	40
15000	LINE TENSION (lb)	0

	Company	LARSON ENGINEERING, INC.
	Well	SCHNEIDER C #10
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	County	BARTON
	State	KANSAS