



MIDWEST WIRELINE

GAMMA RAY / CALIPER LOG

Company Carmen Schmitt, Inc.

Well Audrey #1

Field

County Sheridan

State Kansas

Location: API #: 15-179-21484-00-00

Other Services

1250 FSL & 2050 FWL

SEC 30 TWP 8S RGE 30W

CNL/CDL
DIL/MEL

Permanent Datum Ground Level Elevation 2946
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

K.B. 2951
D.F.
G.L. 2946

Date 5/21/2022

Run Number One

Type Log BHV

Depth Driller 4635

Depth Logger 4633

Bottom Logged Interval 4604

Top Logged Interval 3600

Type Fluid In Hole Chemical

Salinity, PPM CL 3300

Density 9.3

Level Full

Max. Rec. Temp. F 122

Operating Rig Time 3 Hours

Equipment -- Location P-24 Hays

Recorded By D. Schmidt

Witnessed By Brad Rine

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

One 12.25 0 265 8.625 23 0 265

Two 7.875 265 TD 265

<<< 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.

Menlo,
1 1/2 South, East 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: D. Schmidt
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: Brad Rine
Secondary Witness:
Secondary Witness:
Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)	
GR	40.33		GR-M&W (101)	3.00	3.50	50.00	
CNLSC CNSSC	37.23 36.48		CNT-M&W (207-MW)	5.00	3.50	100.00	
LSD DCAL SSD	28.18 28.17 27.68		CDL-M&W (305-05)	8.50	4.00	250.00	
MCAL MI MN	19.58 19.58 19.58		ML-PSIML (402)	7.58	4.00	65.00	
RLL3F RLL3	15.50 15.50						
CILD	8.33		DIL-M&W (502 HT)	18.25	3.50	220.00	
CILM	4.50						
SP	0.20						
Dataset: carmen schmitt_audrey 1.db: field/well/stkml/pass3.19 Total length: 42.33 ft Total weight: 685.00 lb O.D.: 4.00 in							

Log Variables

DatabaseC:\ProgramData\Warrior\Data\carmen schmitt_audrey 1.db
Dataset field/well/stkml/pass3.19/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	122	5.5	0	1	2	2.71
NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	-70	0	0	85	40	Off	4633

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

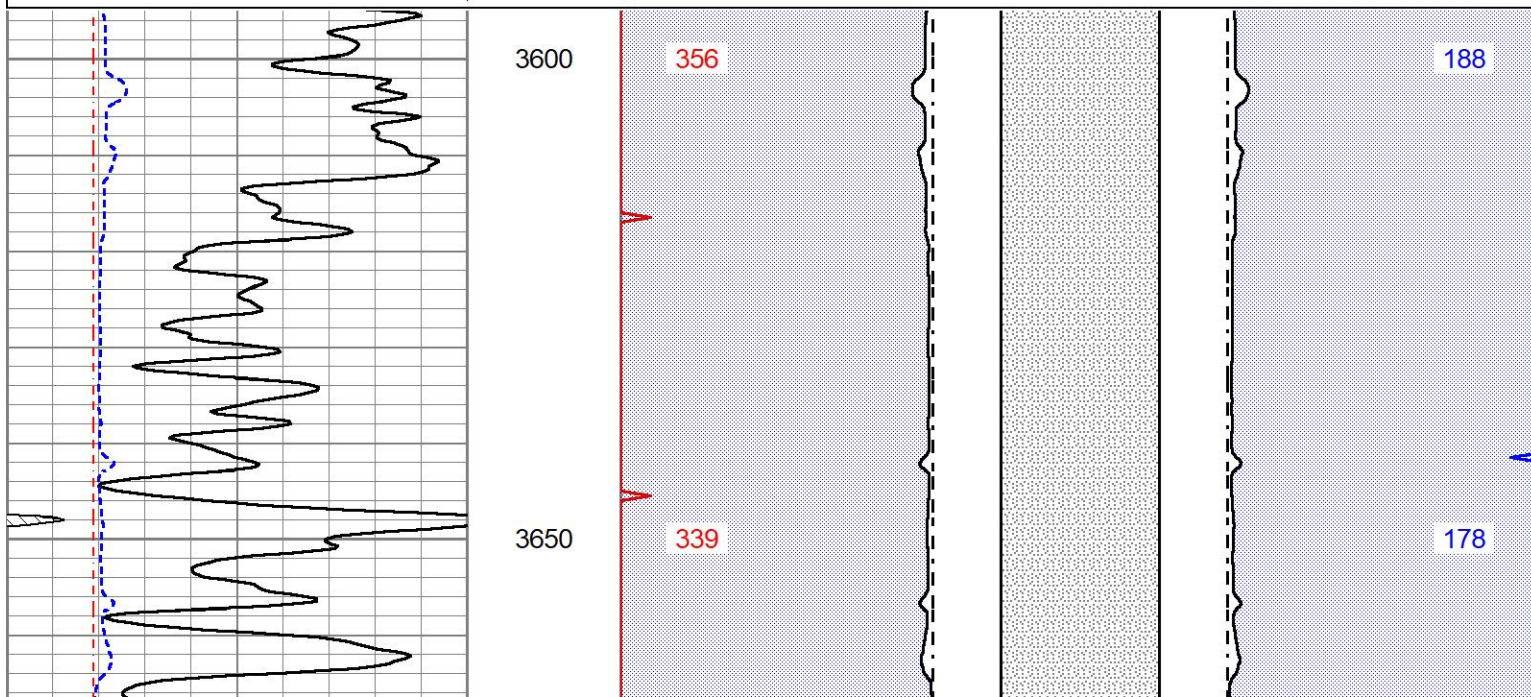


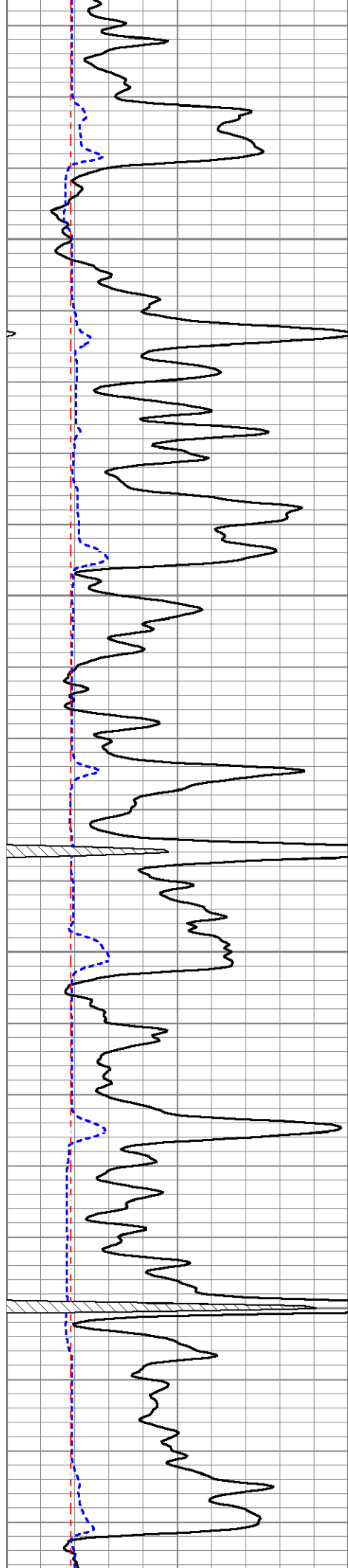
DETAIL SECTION

MAIN PASS

Database File carmen schmitt_audrey 1.db
Dataset Pathname stkml/pass3.19
Presentation Format bhv5half
Dataset Creation Sat May 21 06:13:51 2022
Charted by Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	DCAL	DCAL
150	GR (GAPI)	300	BOREID	BOREID
6	DCAL (in)	16	Borehole Volume (ft3)	Annular Volume (ft3)
6	BOREID (in)	16		





3700

322

3750

304

3800

288

3850

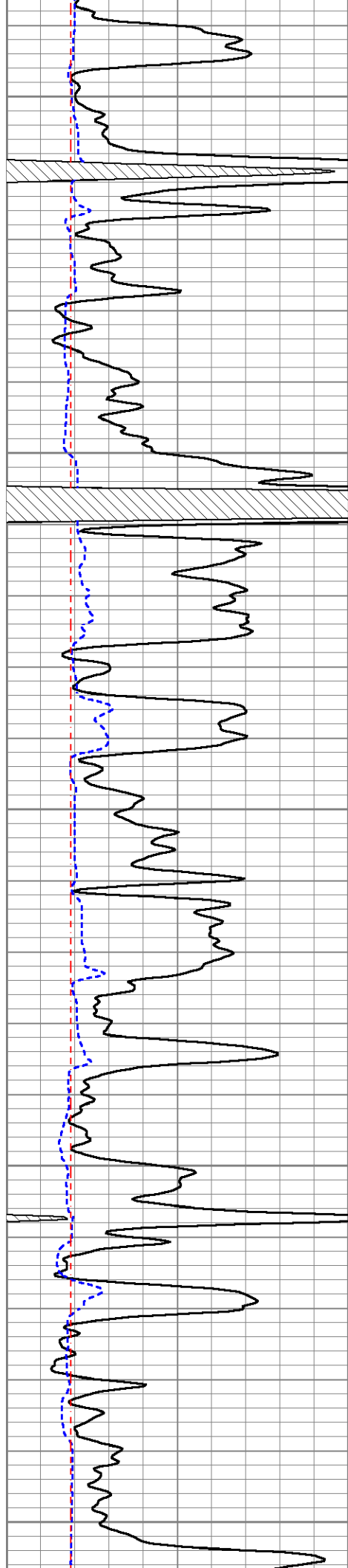
271

170

161

152

144



3900

254

135

3950

237

127

4000

219

117

4050

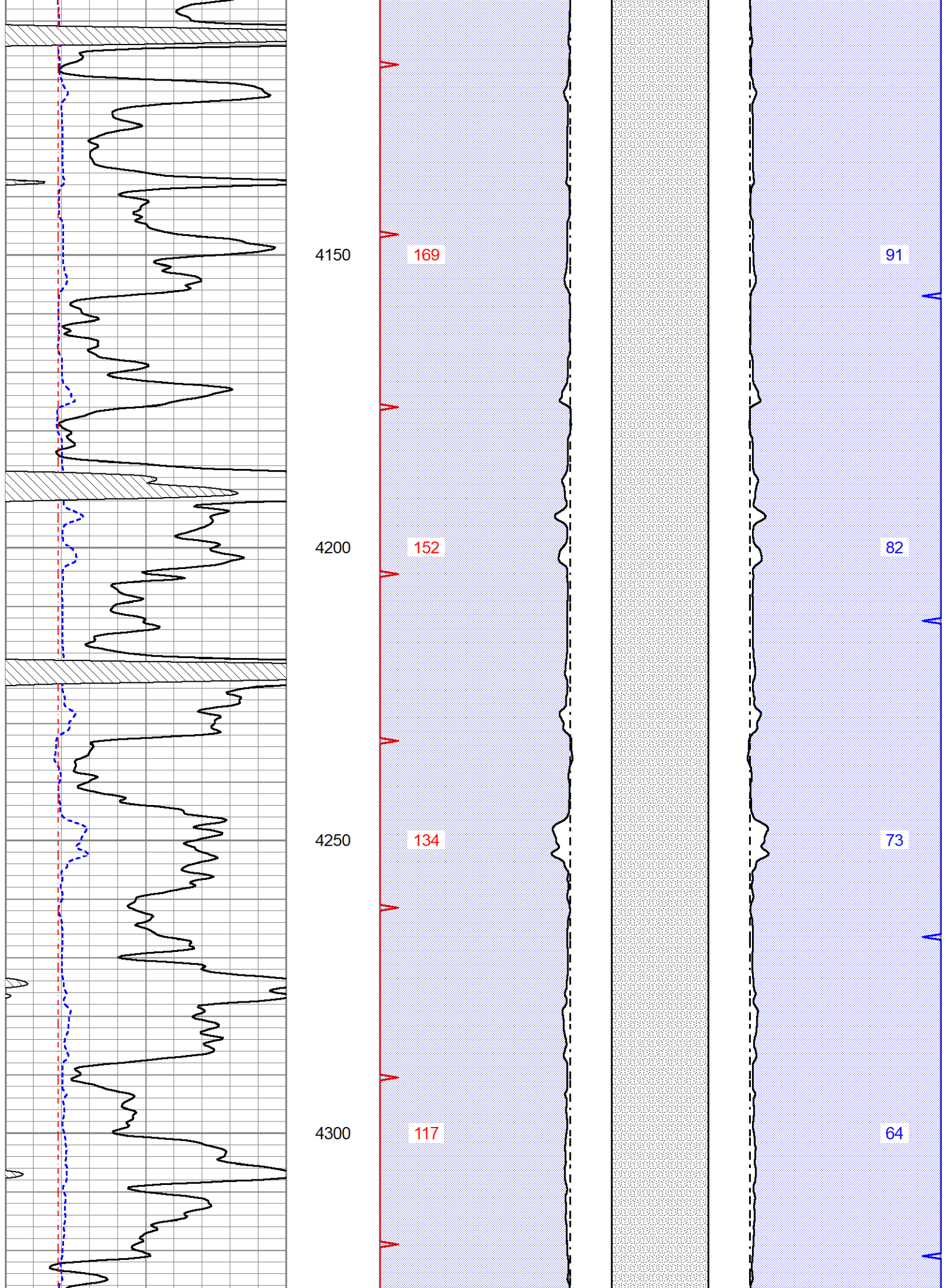
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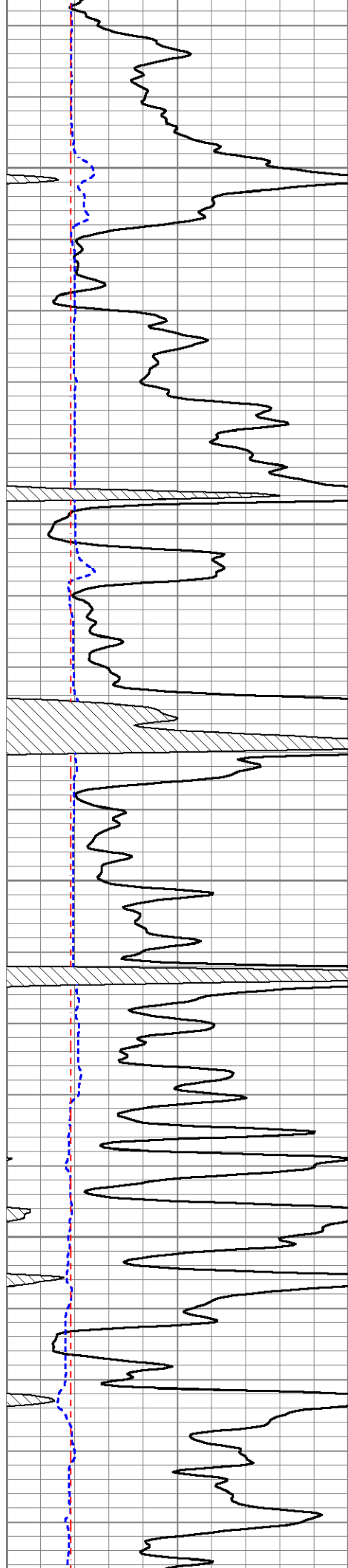
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4100

186

100





4350

100

4400

82

4450

65

4500

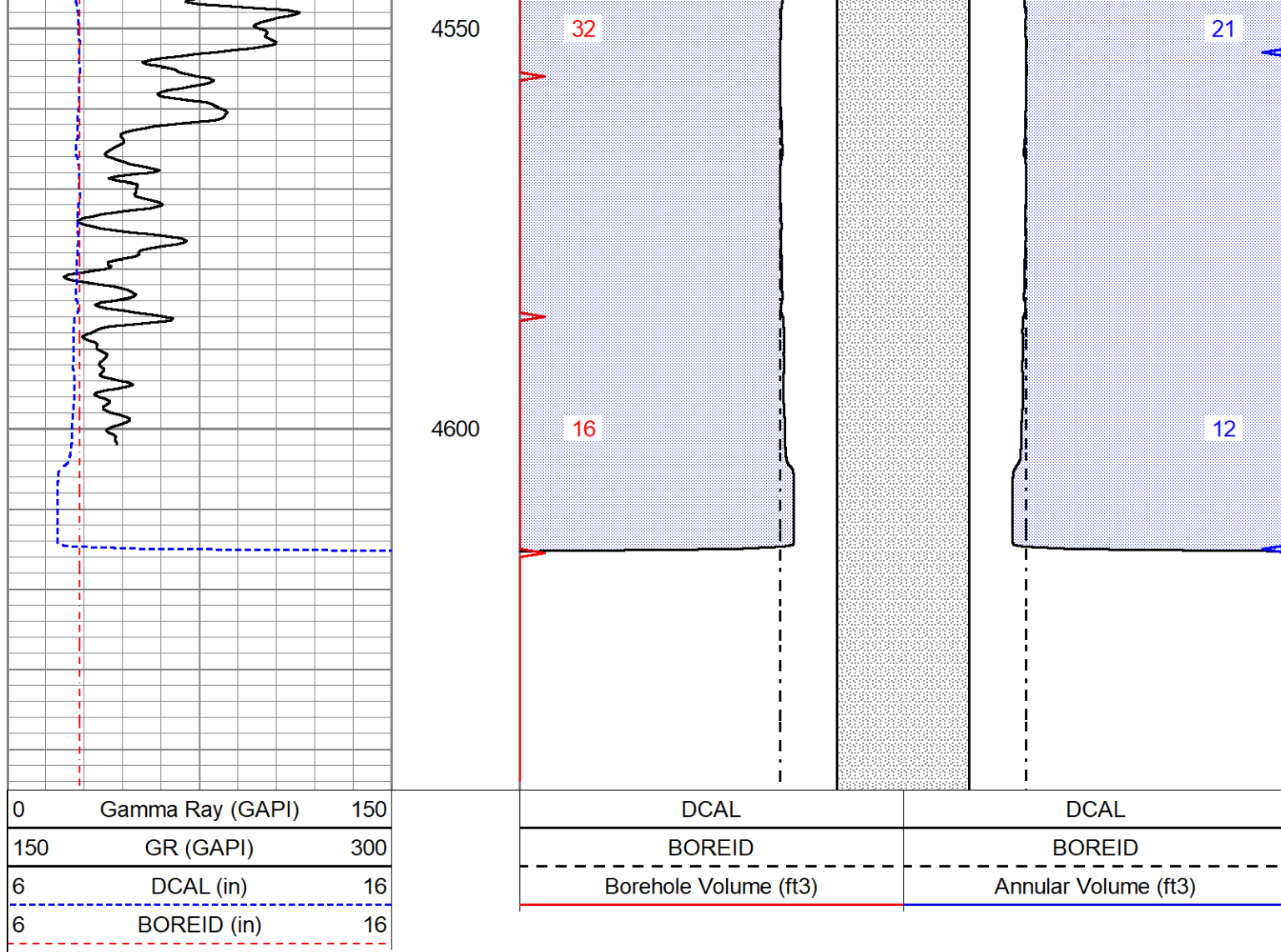
49

55

46

37

29



Calibration Report	
Database File	carmen schmitt_audrey 1.db
Dataset Pathname	stkml/pass3.19
Dataset Creation	Sat May 21 06:13:51 2022

Dual Induction Calibration Report

Serial-Model:	502 HT-M&W
Surface Cal Performed:	Wed Feb 9 17:39:00 2022

		Readings		References		Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	83.639	487.104	0.000	183.000	mmho/m	0.454	-34.500
Medium	113.335	1585.690	0.000	442.000	mmho/m	0.350	-10.000

Microlog Calibration Report

Serial-Model:	402-PSIML
Performed:	Mon Jan 24 20:31:16 2022

		Readings		References		Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0000	1.0000	0.0000	1.0000	Ohm-m	32500.0000	-2.0000

Inverse	0.0000	1.0000	0.0000	1.0000	Ohm-m	32000.0000	-1.2000
Caliper	1.0052	1.0858	5.0000	16.5000	in	65.0000	-59.8500

Compensated Density Calibration Report

Serial-Model:	305-05-M&W
Source #:	20762B
Master Calibration Performed:	Fri Apr 22 07:18:08 2022

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	8862.47	9339.96	cps
Aluminum	2.600	g/cc	1556.73	5707.29	cps
Spine Angle = 74.19			Density/Spine Ratio = 0.467		
	Size		Reading		
Small Ring	4.00	in	1.74		
Large Ring	14.00	in	1.38		

Compensated Neutron Calibration Report

Serial-Model:	207-MW-M&W
Source #:	100046B
Master Calibration Performed:	Mon Nov 29 15:06:24 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:	101
Tool Model:	M&W
Performed:	Mon Jan 24 19:14:46 2022
Calibrator Value:	500.0 GAPI
Background Reading:	24.0 cps
Calibrator Reading:	637.0 cps
Sensitivity:	0.5500 GAPI/cps



Company	Carmen Schmitt, Inc.
Well	Audrey #1
Field	
County	Sheridan
State	Kansas