

COMPENSATED DENSITY/NEUTRON LOG

Company SHELBY RESOURCES, LLC.

Well SLATTERY #1-16

Field

County BARTON State KANSAS

Location: API #: 15-009-26273-0000

902' FNL & 800' FWL

SEC 16 TWP 18S RGE 14W

Permanent Datum GROUND LEVEL Elevation 1959
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL
SONIC
Elevation
K.B. 1964
D.F. 1962
G.L. 1959

Date 10/3/19

Run Number ONE

Depth Driller 3550

Depth Logger 3545

Bottom Logged Interval 3521

Top Log Interval 2800

Casing Driller 8 5/8" @ 938'

Casing Logger 938'

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD CHLORIDES 6600 PPM

Density / Viscosity 9.2/52

pH / Fluid Loss 9.5/9.6

Source of Sample FLOWLINE

Rm @ Meas. Temp .70 @ 80F

Rmf @ Meas. Temp .52 @ 80F

Rmc @ Meas. Temp .84 @ 80F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .50 @ 112F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 112F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By JEREMY SCHWARTZ

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

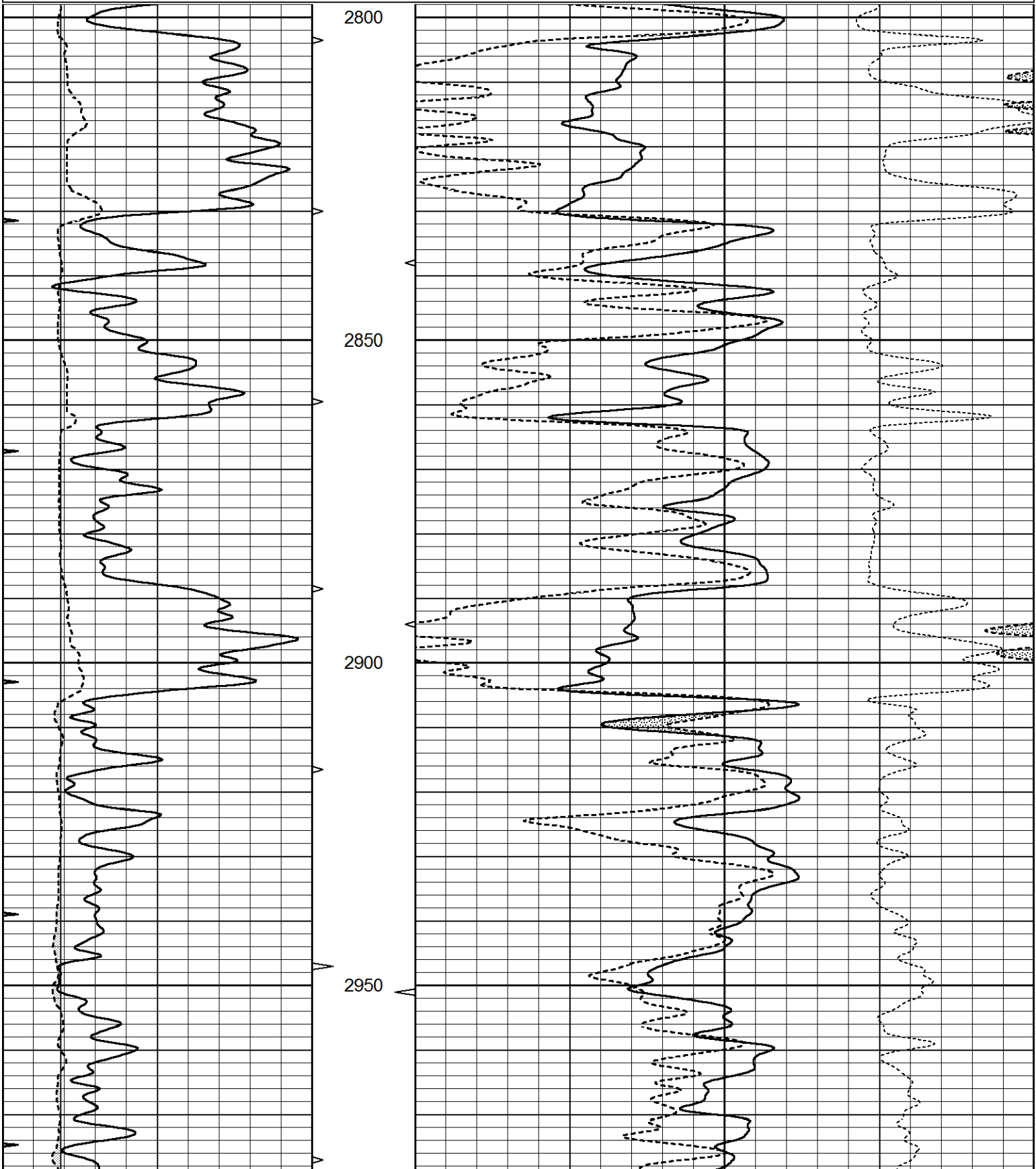
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
RUSSELL KS, SOUTH TO INTERSECTION OF HWY 281 & HWY 4 - 3 SOUTH ON BOYD
BLKTOP - 2 WEST - 1/4 SOUTH - EAST INTO

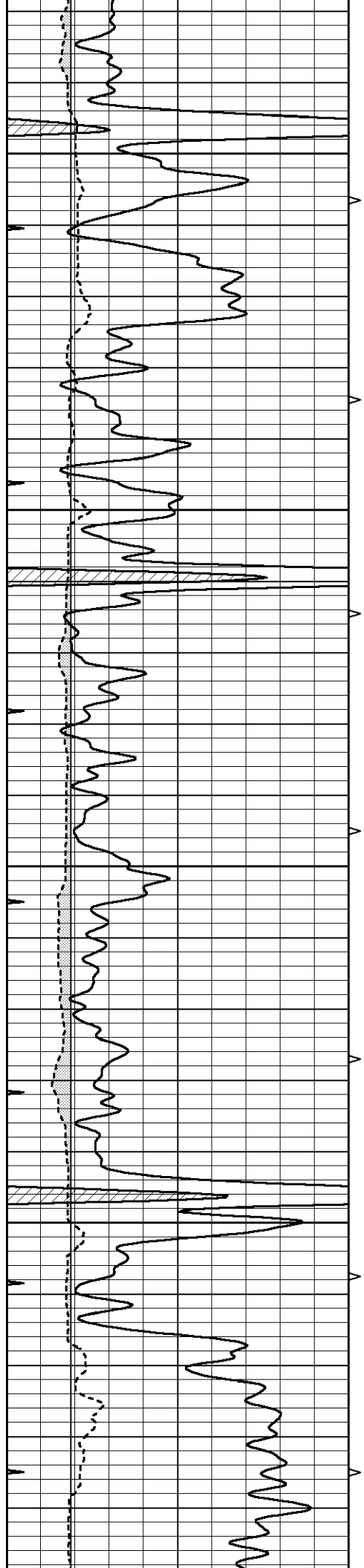


MAIN SECTION

Database File	3996ddn8.db
Dataset Pathname	pass6.1
Presentation Format	_den_neu
Dataset Creation	Fri Oct 04 00:07:38 2019
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
0	MINMK	20	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			



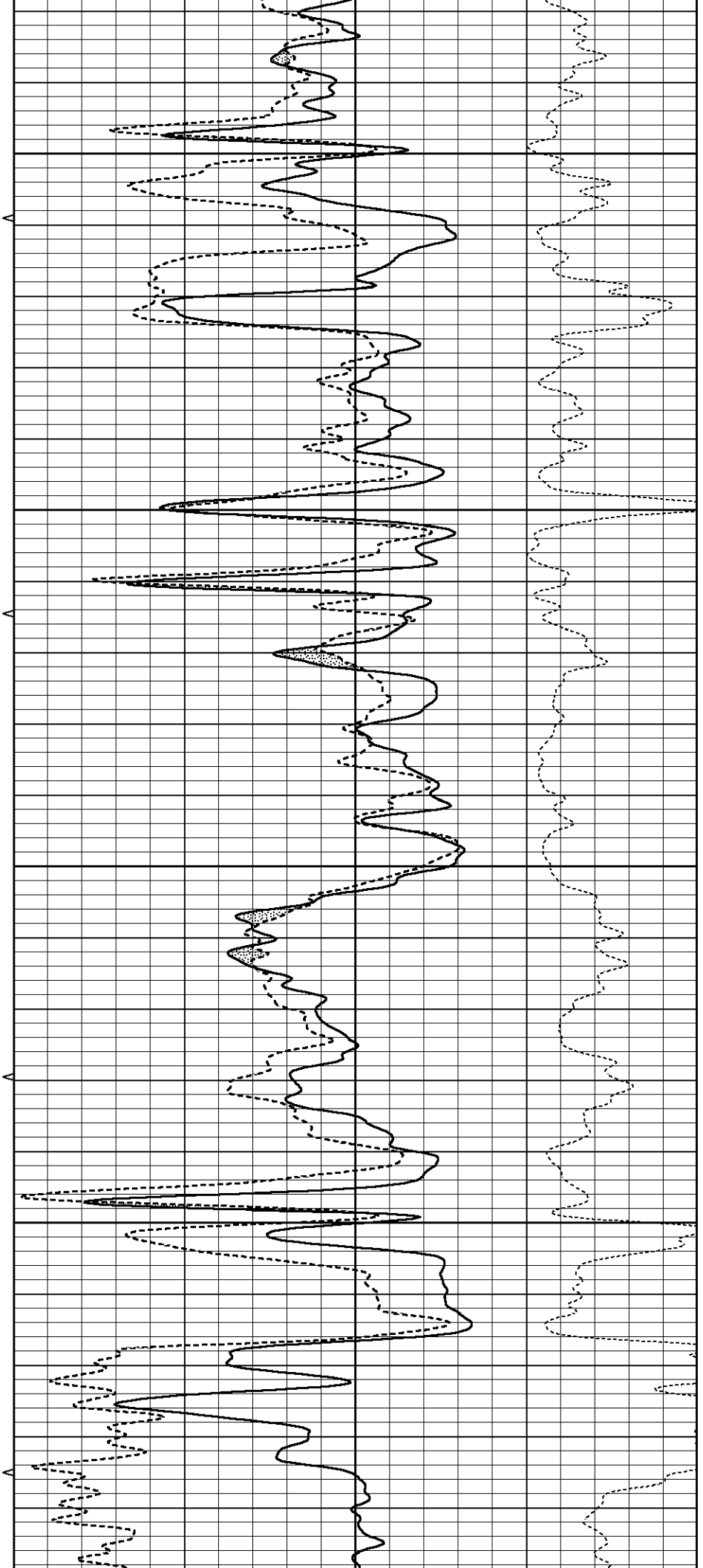


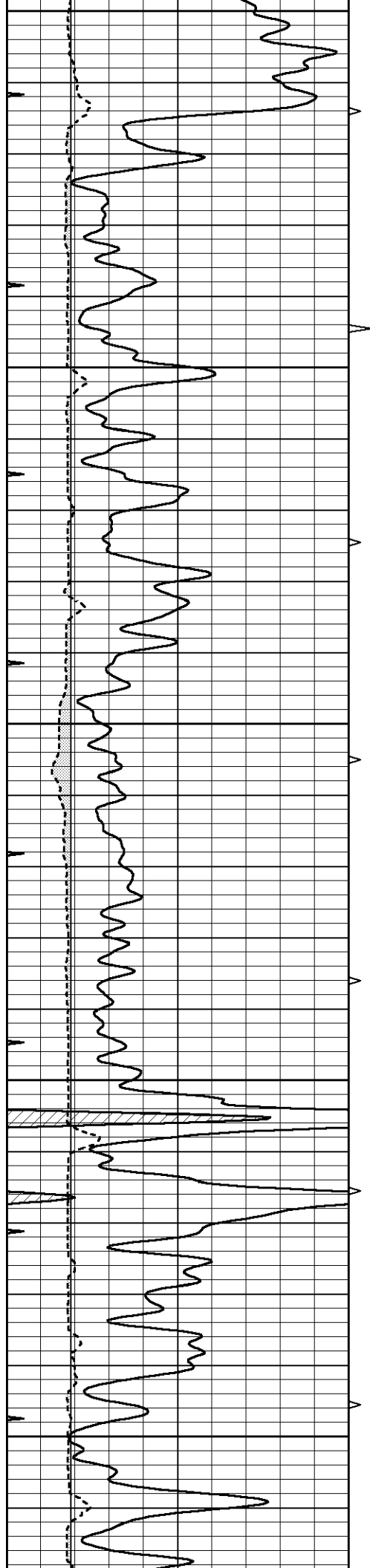
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3050

3100

3150





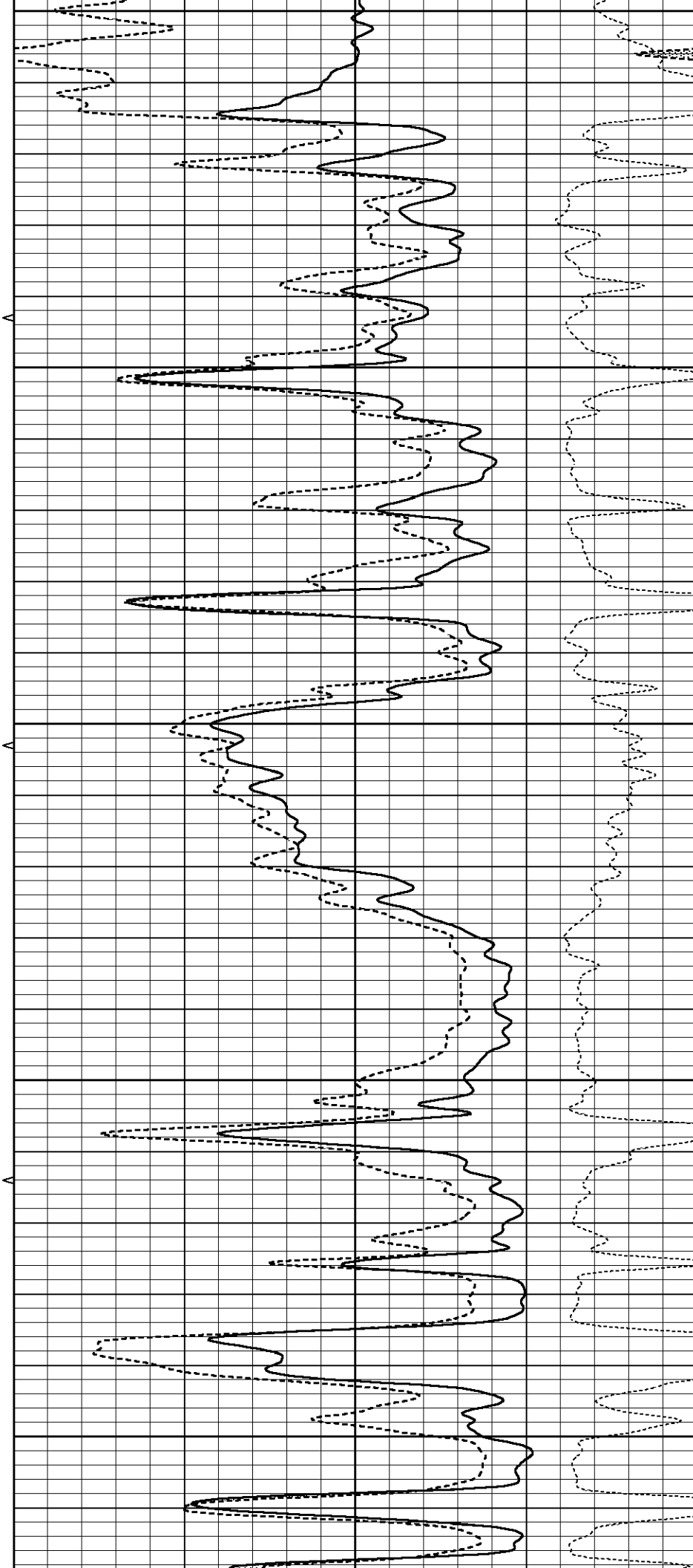
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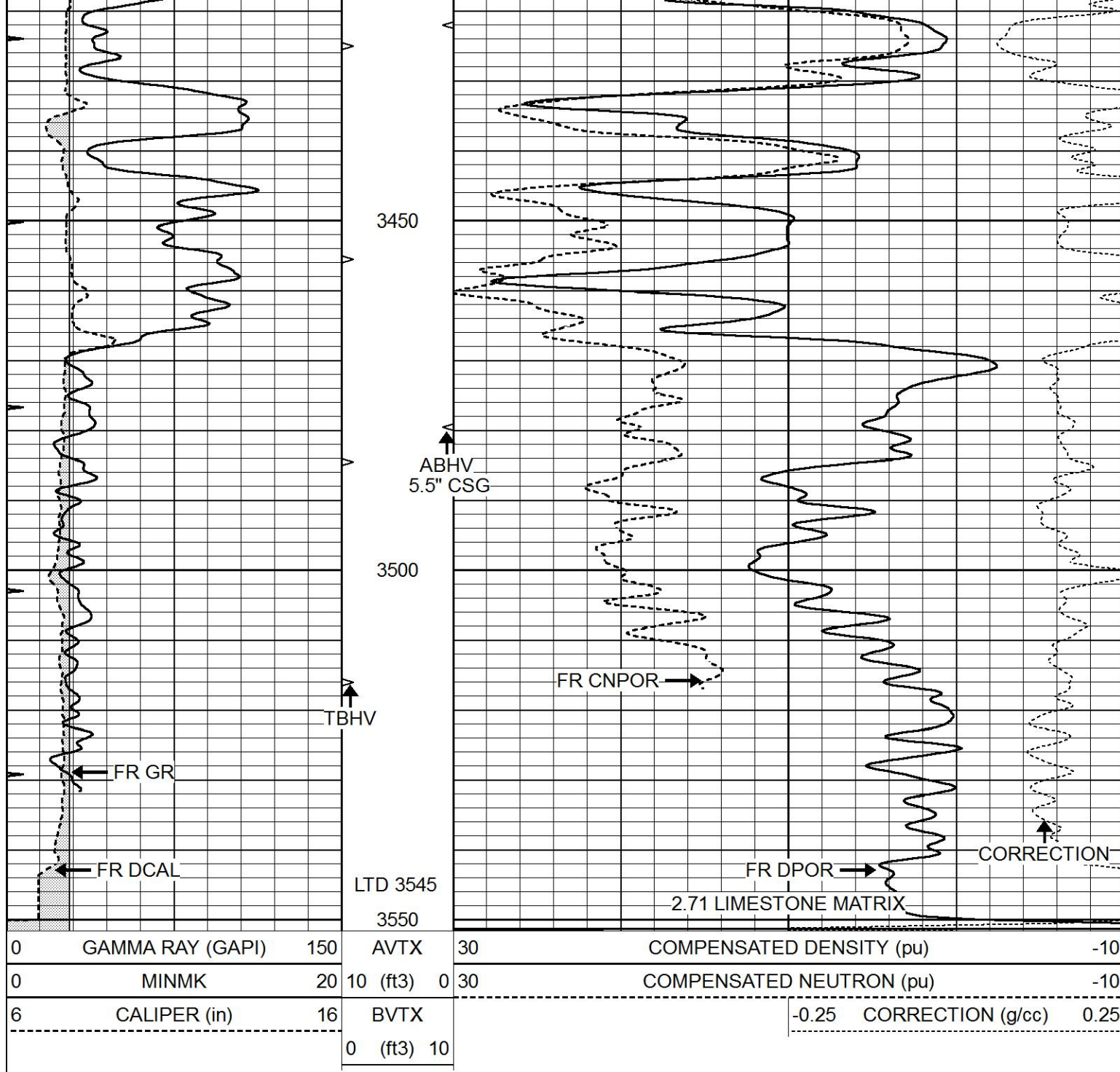
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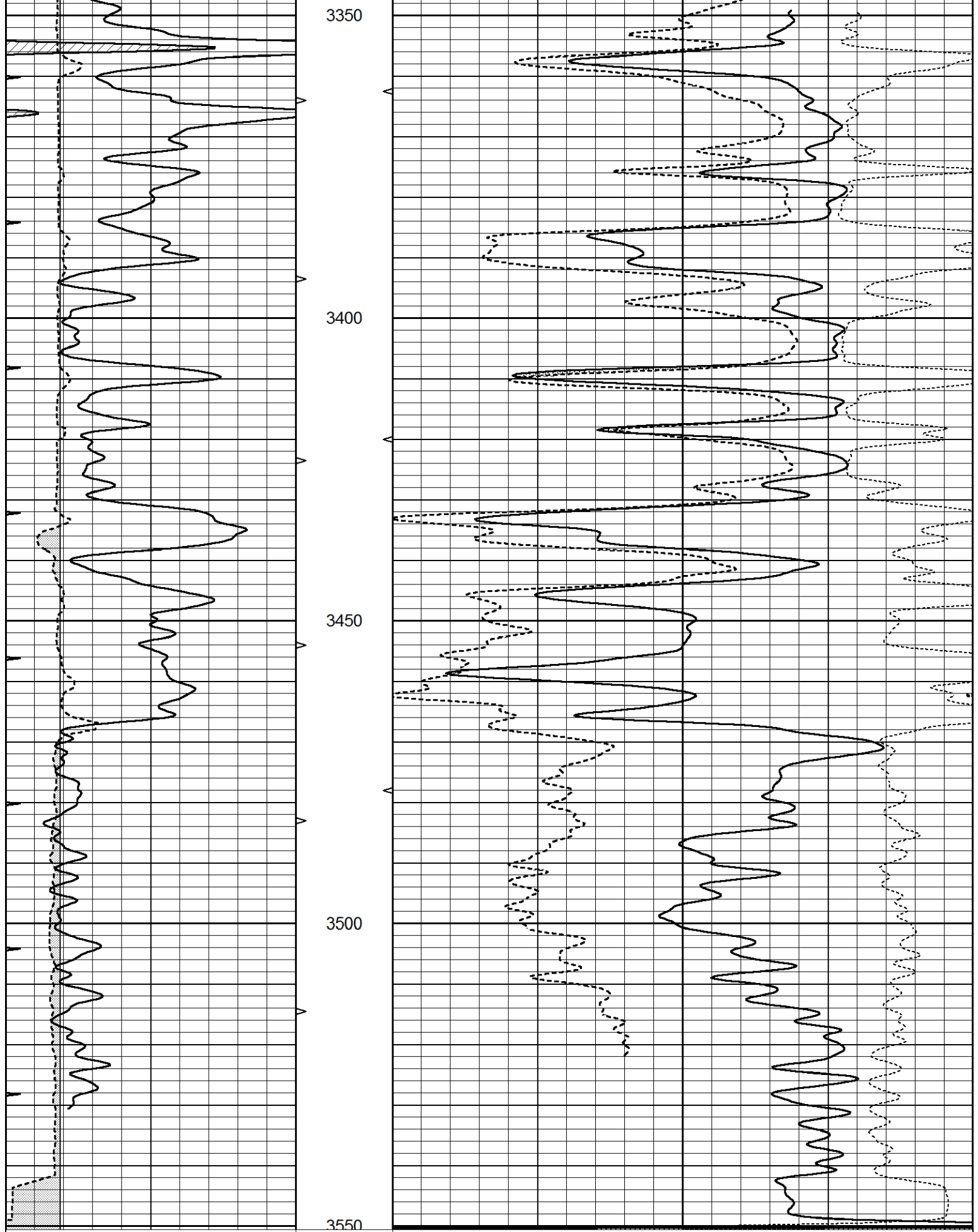




REPEAT SECTION

Database File 3996ddn8.db
 Dataset Pathname pass5.1
 Presentation Format _den_neu
 Dataset Creation Thu Oct 03 23:49:45 2019
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
0	MINMK	20	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			



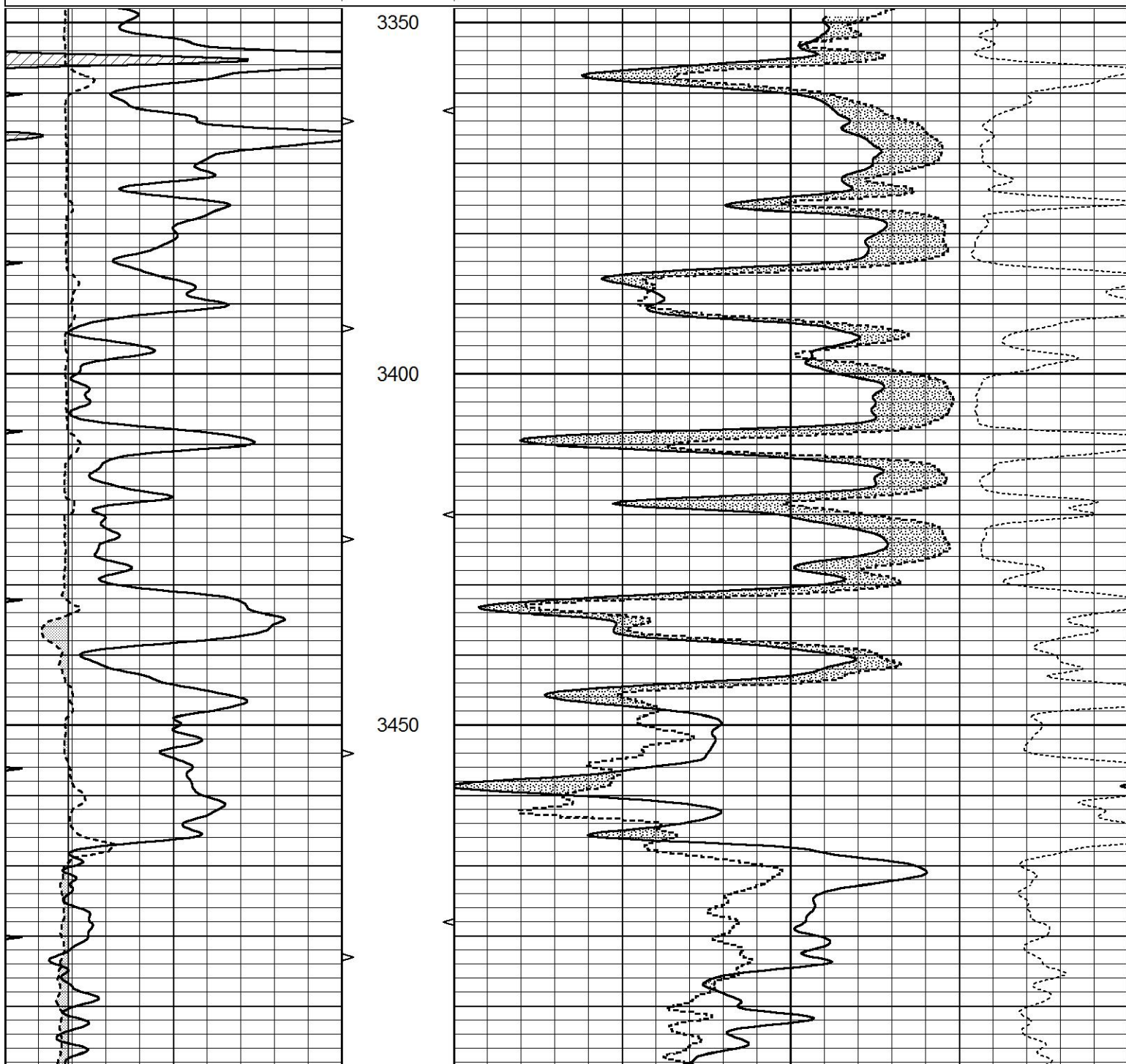
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0	MINMK	20	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)			-10
6	CALIPER (in)	16	BVTX			-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10					

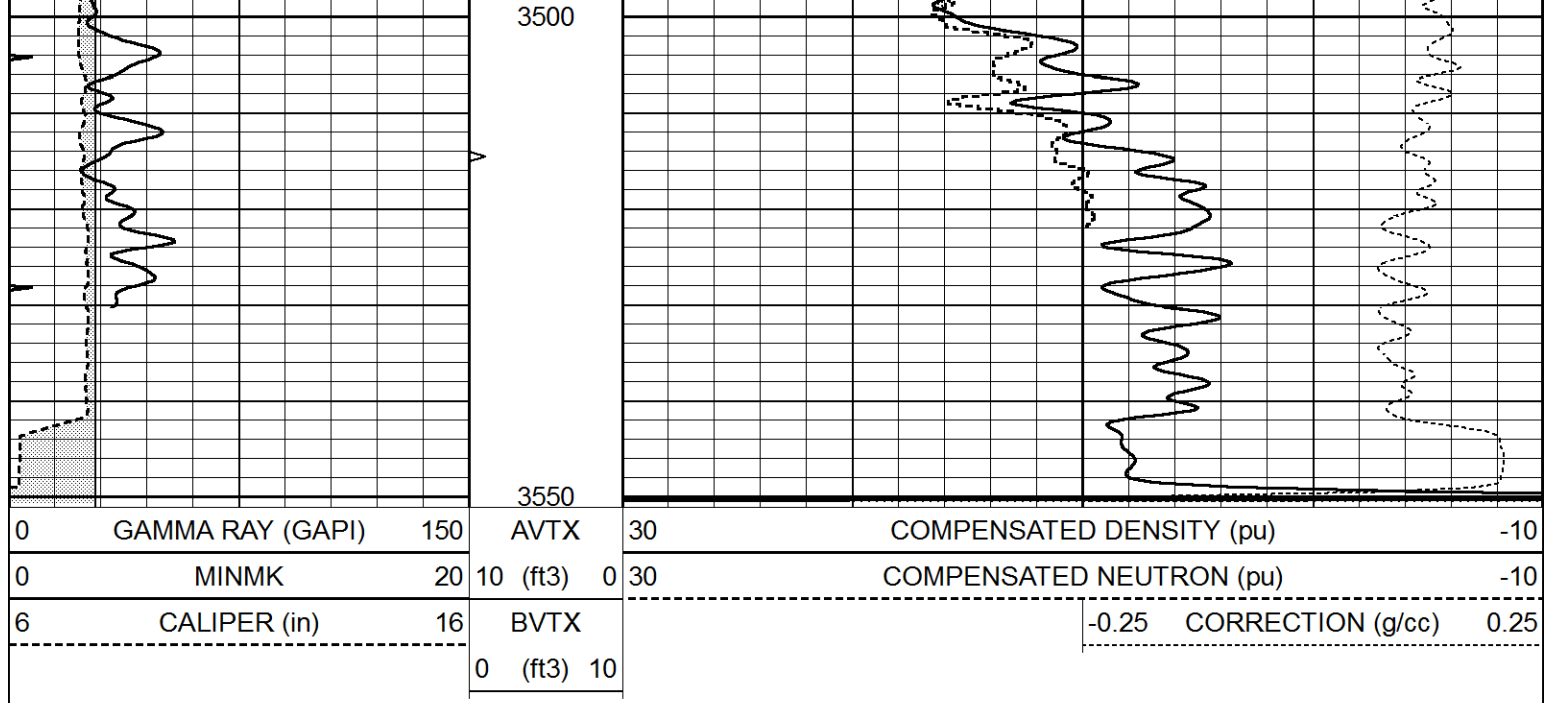


DOLOMITE MATRIX

Database File 3996ddn8.db
 Dataset Pathname pass5.1D
 Presentation Format _den_neu
 Dataset Creation Thu Oct 03 23:56:07 2019
 Charted by Depth in Feet scaled 1:240

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0	MINMK	20	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			





Calibration Report			
Database File	3996ddn8.db		
Dataset Pathname	pass6.1		
Dataset Creation	Fri Oct 04 00:07:38 2019		
Compensated Neutron Calibration Report			
Serial Number:		080621PMC	
Tool Model:		NABORS	
PRE-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
POST-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	7		
Tool Model:	Probe1		
Performed:	Tue Feb 19 11:45:10 2019		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.4300	GAPI/cps	