



COMPENSATED DENSITY/NEUTRON LOG

Company ANCHOR BAY PETROLEUM, LLC.

Well PBR #1

Field RANKIN

County ELLIS State KANSAS

Location: API #: 15-051-27099-0000

1850 FSL & 4018 FEL
NE - SE - NW - SW

SEC 33 TWP 13S RGE 20W

Permanent Datum GROUND LEVEL Elevation 2321
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL

Elevation
K.B. 2329
D.F. 2327
G.L. 2321

Date 10/26/23

Run Number ONE

Depth Driller 4020

Depth Logger 4022

Bottom Logged Interval 3998

Top Log Interval 3100

Casing Driller 8.625 @ 224

Casing Logger 224

Bit Size 7.875

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.0/57

pH / Fluid Loss 10.5/6.0

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.10 @ 74F

Rmf @ Meas. Temp .825 @ 74F

Rmc @ Meas. Temp 1.32 @ 74F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .702 @ 116F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 5.00 A.M.

Maximum Recorded Temperature 116F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By COLE ROBEN

Witnessed By ED GLASSMAN

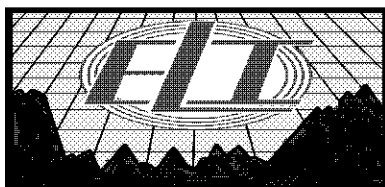
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

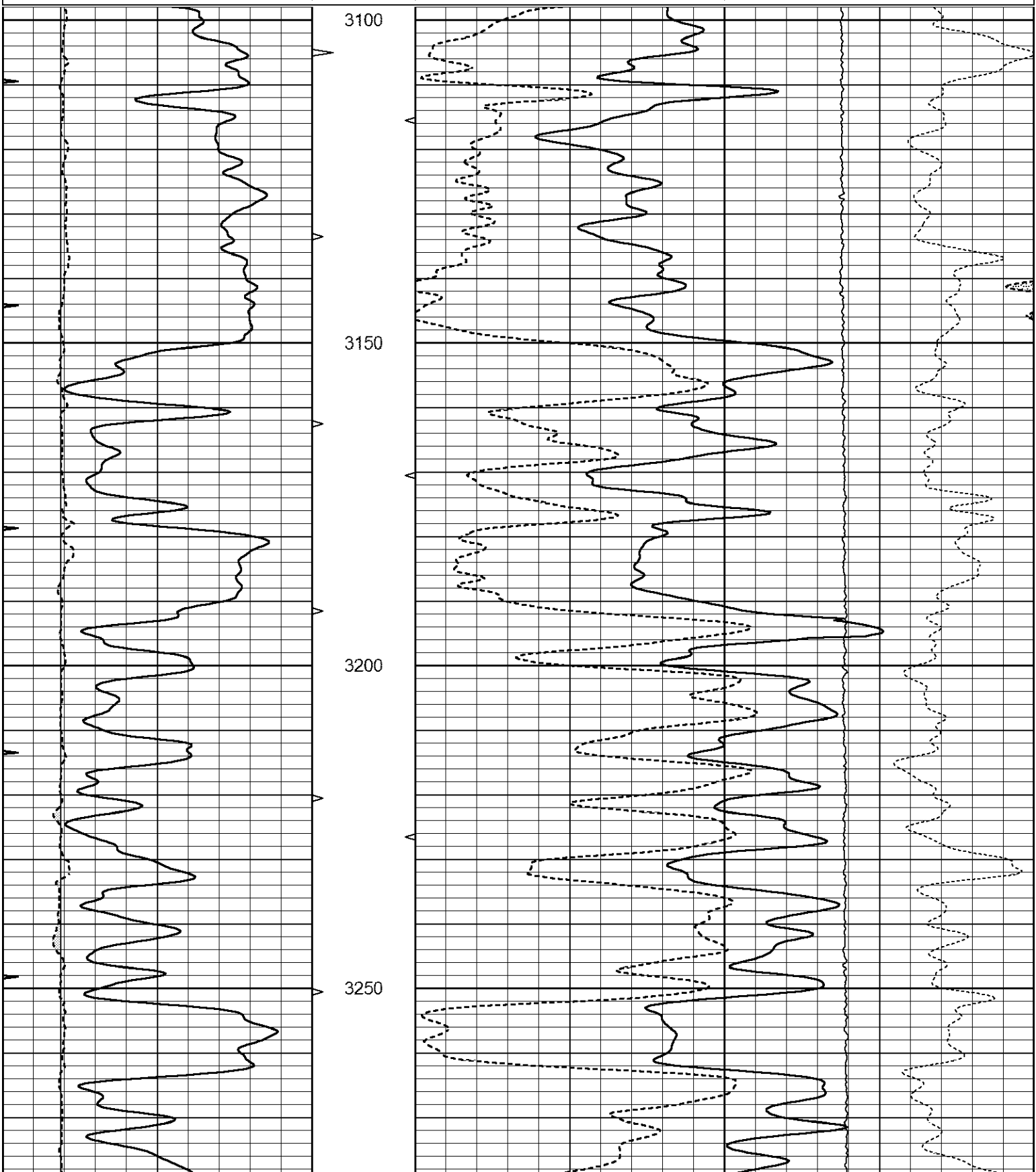
DIRECTIONS:
SOUTH OF ELLIS, KANSAS ON BLACKTOP FOR 3 3/4 MILES, EAST INTO

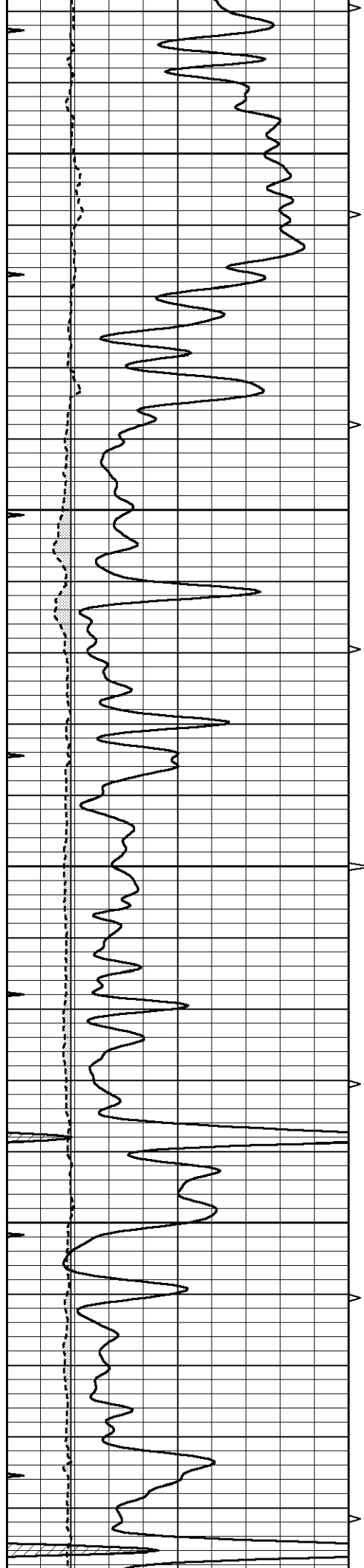


MAIN SECTION

Database File	7787ddn.db
Dataset Pathname	pass3D
Presentation Format	_den_neu
Dataset Creation	Thu Oct 26 06:10:49 2023
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		0 LTEN (lb)	5000



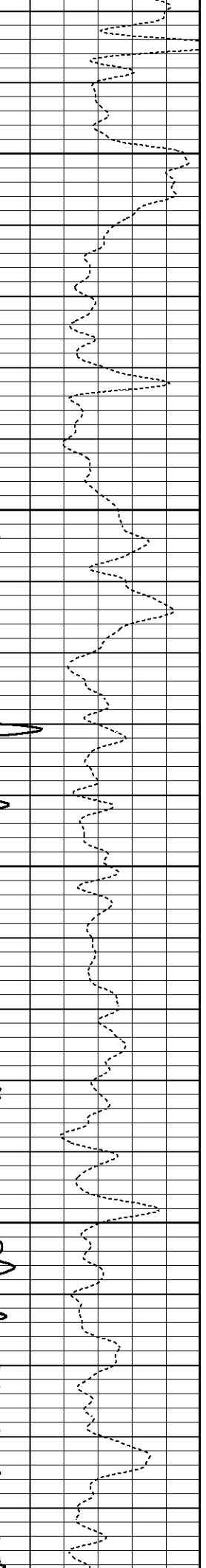
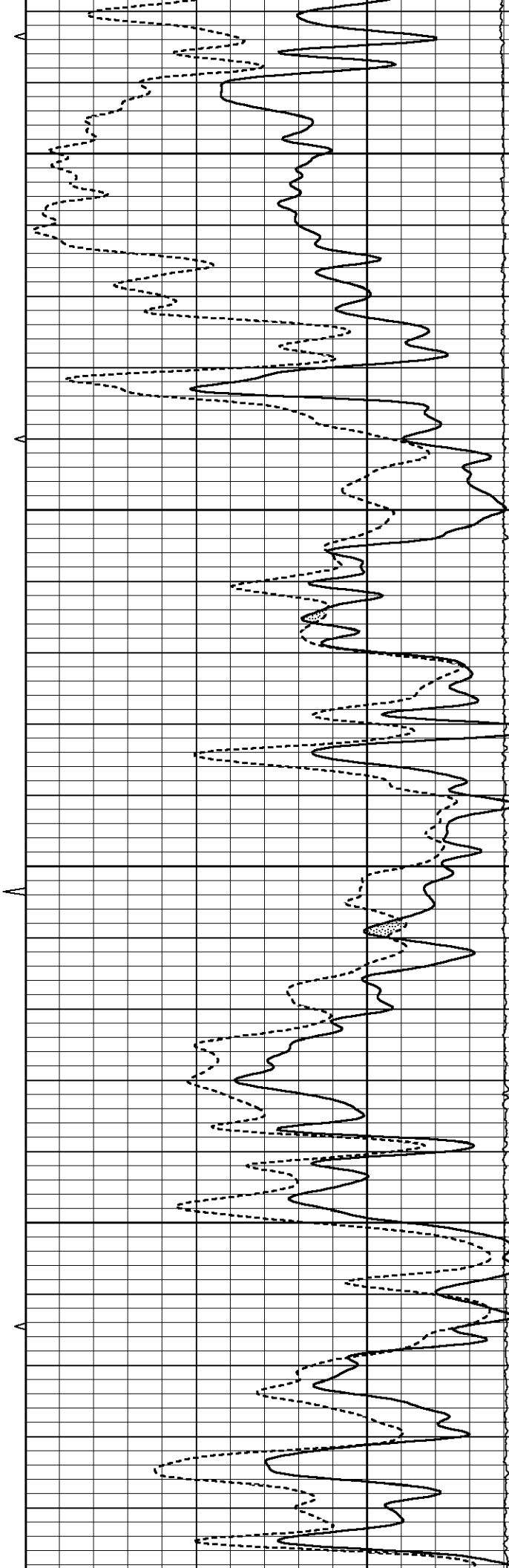


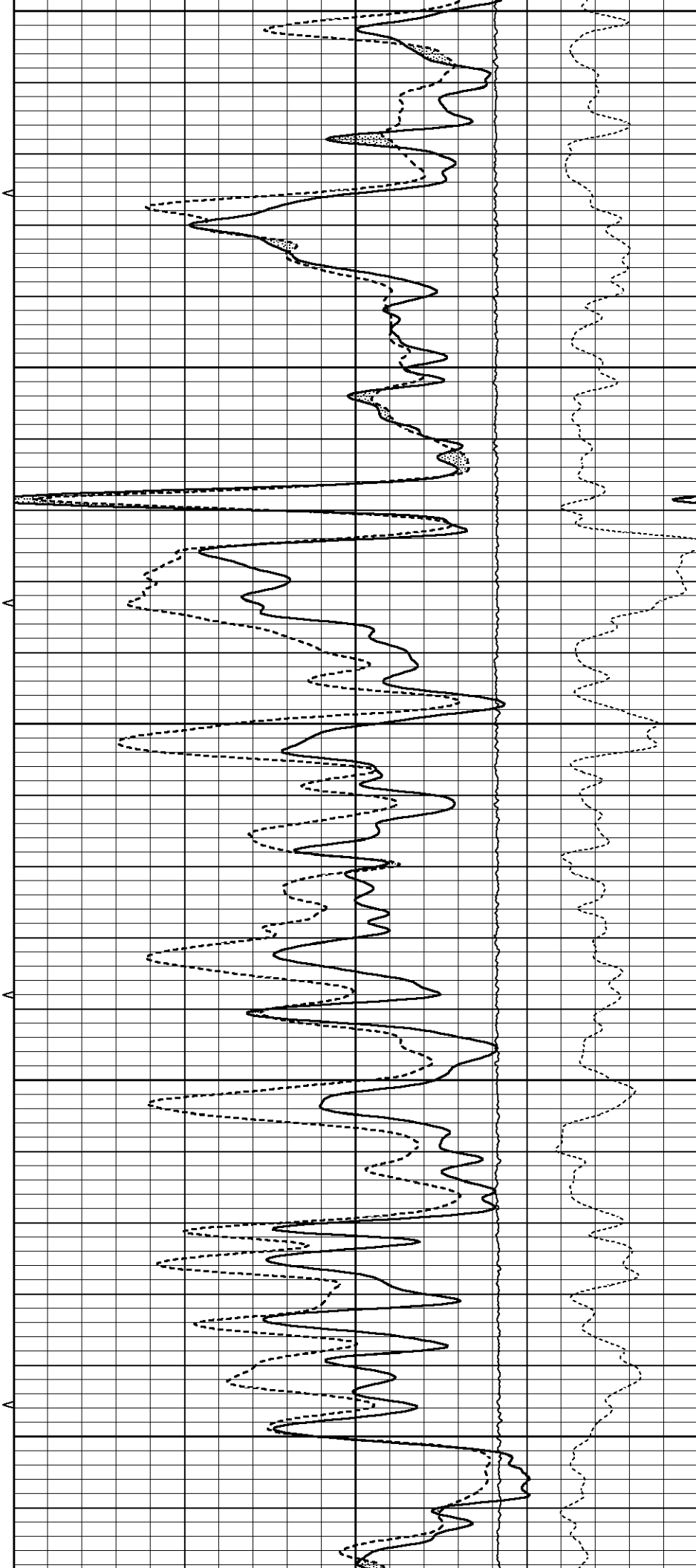
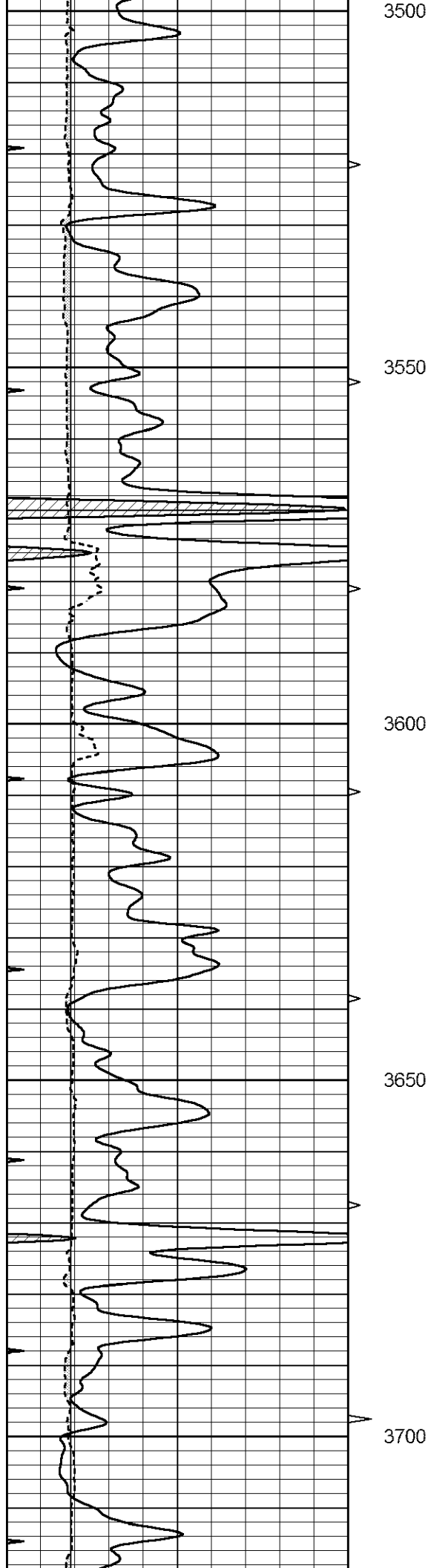
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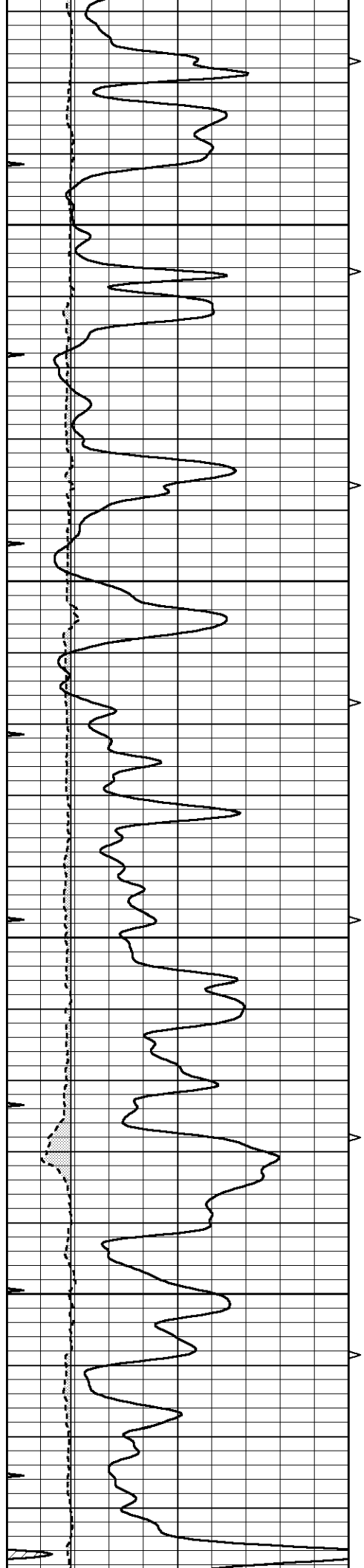
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3400

3450





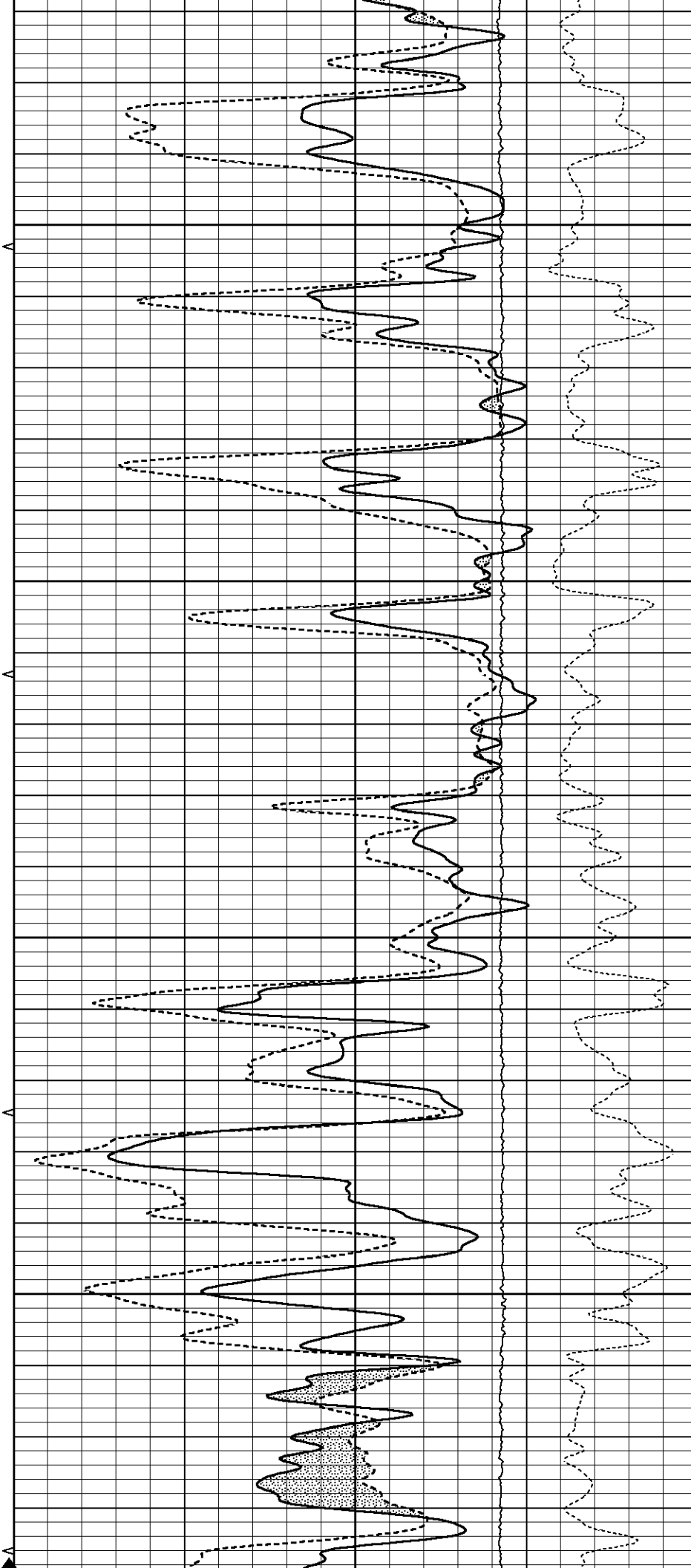


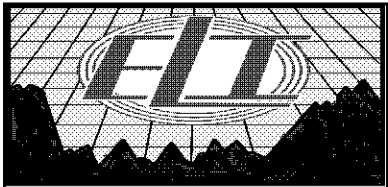
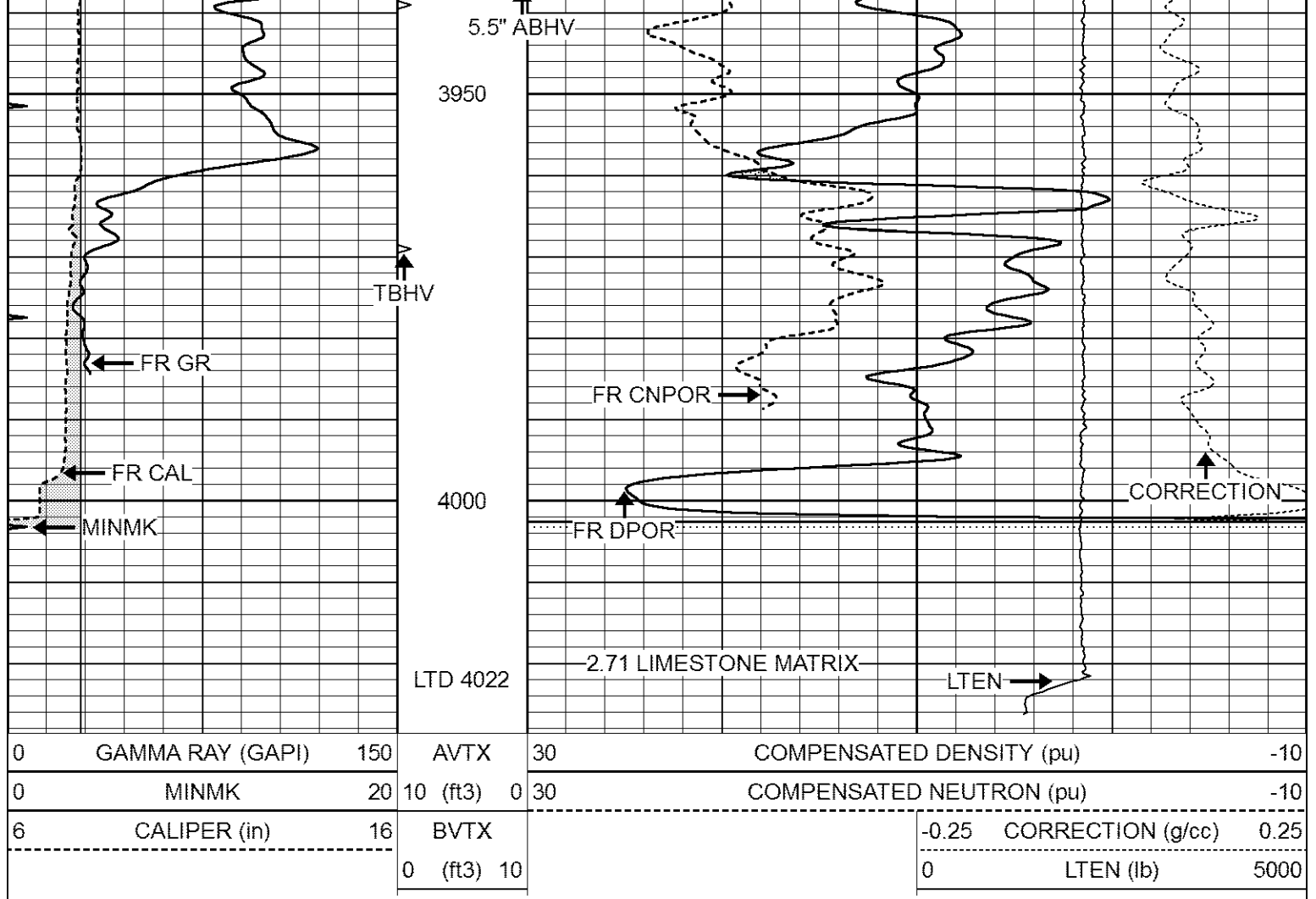
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3800

3850

3900

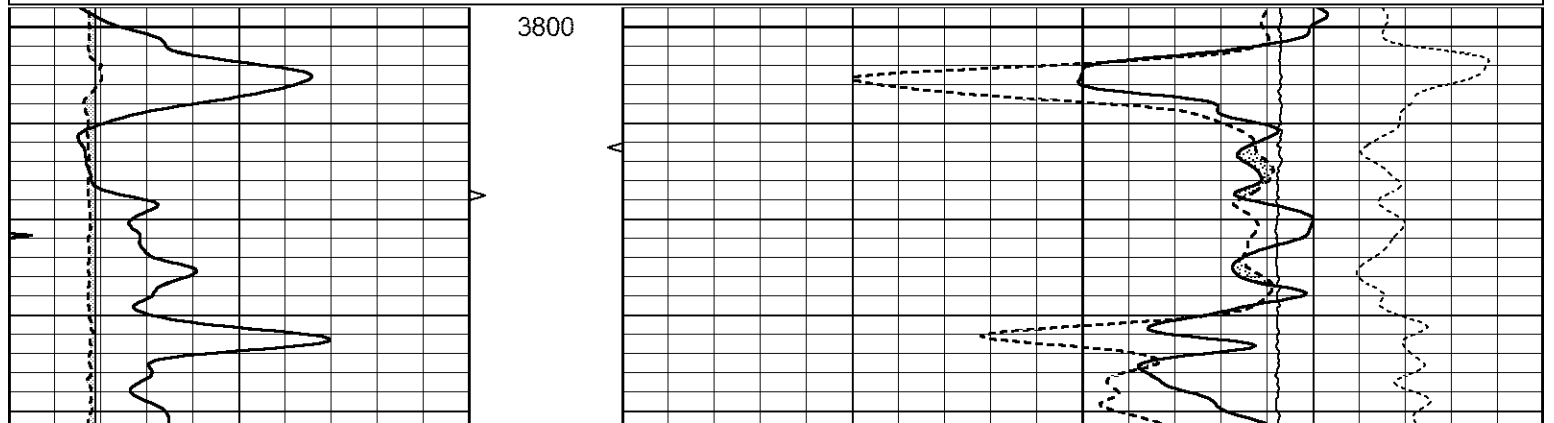


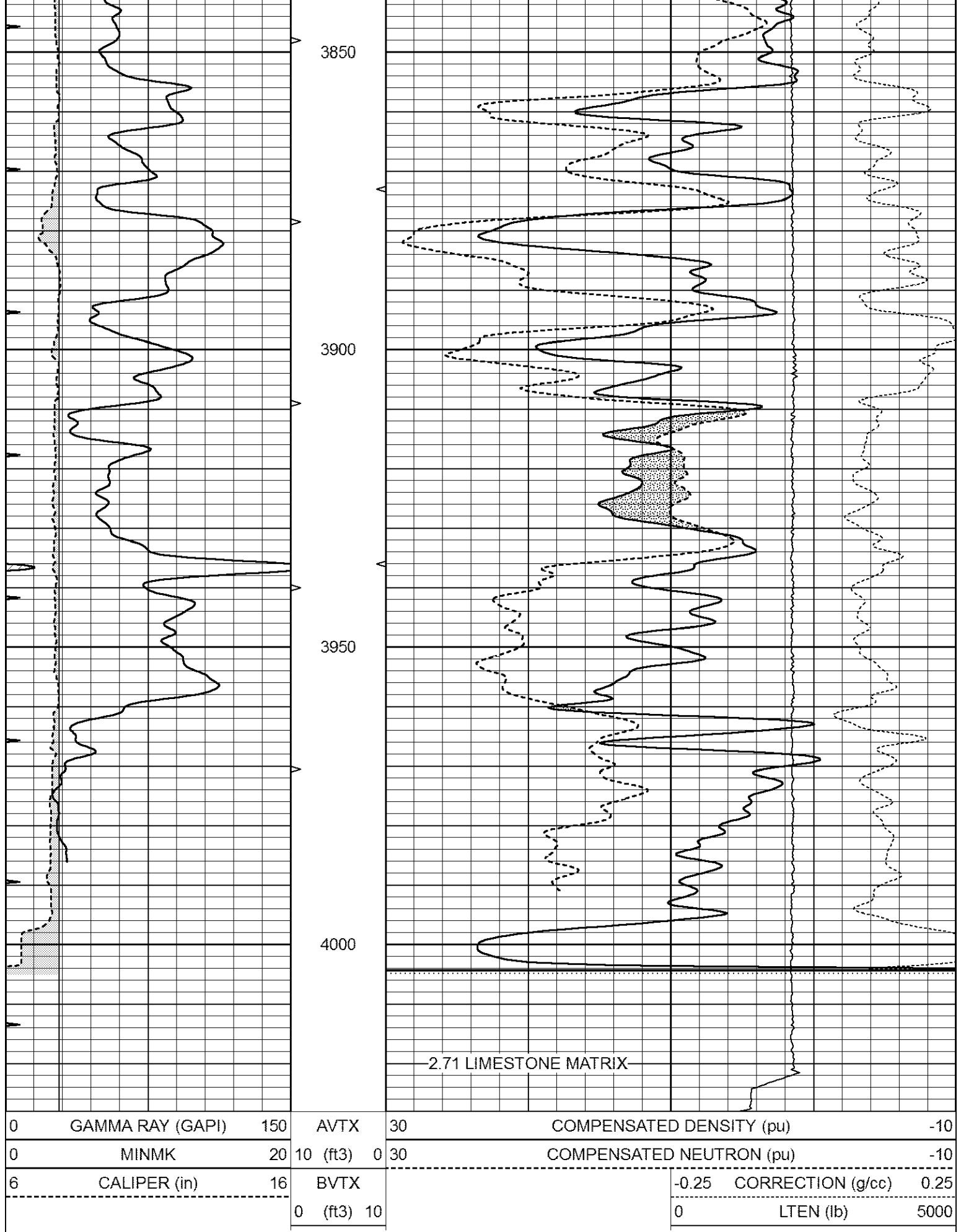


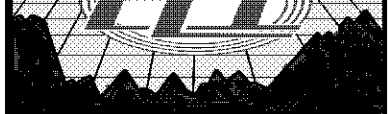
LIMESTONE MATRIX REPEAT

Database File 7787ddn.db
 Dataset Pathname pass2LSR
 Presentation Format _den_neu
 Dataset Creation Thu Oct 26 05:51:03 2023
 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		0 LTEN (lb)	5000



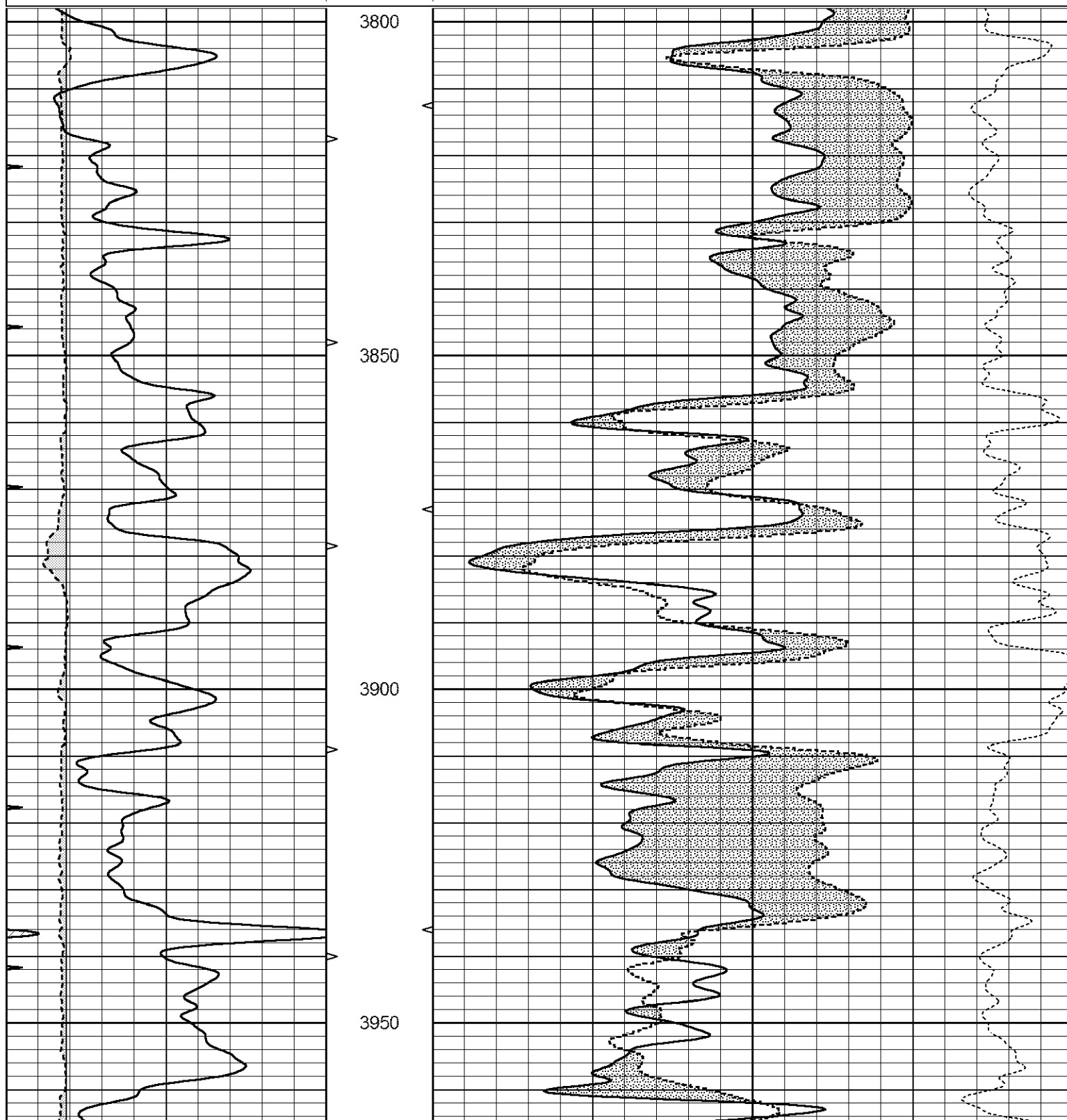


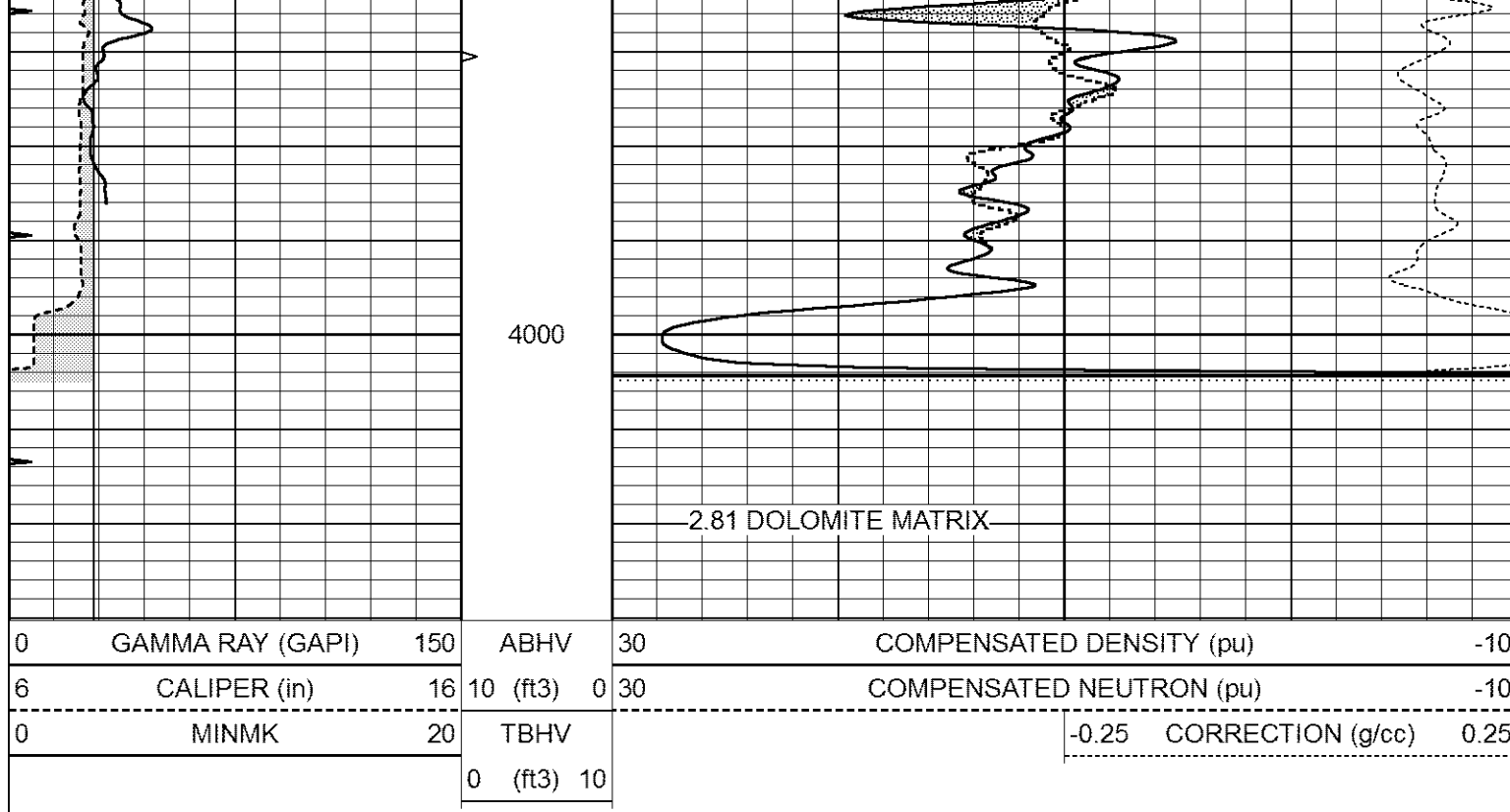


DOLOMITE MATRIX REPEAT

Database File 7787ddn.db
Dataset Pathname pass2DR
Presentation Format den_neu
Dataset Creation Thu Oct 26 05:53:13 2023
Charted by Depth in Feet scaled 1:240

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





Calibration Report											
Database File	7787ddn.db										
Dataset Pathname	pass3D										
Dataset Creation	Thu Oct 26 06:10:49 2023										
Dual Induction Calibration Report											
Serial-Model:					FW1410-55-Probe						
Surface Cal Performed:					Sat Jul 29 01:57:42 2023						
Downhole Cal Performed:					Tue Feb 19 11:44:24 2019						
After Survey Verification Performed:					Tue Feb 19 11:44:27 2019						
Surface Calibration											
		Readings						References		Results	
Loop:	Air	Loop			Air	Loop			m	b	
Deep	0.011	0.656	V		1.000	400.000	mmho/m		565.000	-8.000	
Medium	-0.000	0.731	V		1.000	464.000	mmho/m		530.000	-11.000	
Internal:	Zero	Cal			Zero	Cal			m	b	
Deep	0.007	0.649	V		0.000	400.000	mmho/m		623.784	-4.595	
Medium	0.004	0.743	V		0.000	464.000	mmho/m		627.284	-2.251	
Downhole Calibration											
		Readings						References		Results	
	Zero	Cal			Zero	Cal			m'	b'	
Deep	-0.824	395.917	mmho/m		-0.976	397.550	mmho/m		1.004	-0.149	
Medium	3.565	471.327	mmho/m		3.468	471.590	mmho/m		1.001	-0.099	
LL3		7.503	V			1500.000	Ohm-m				
		0.001	V			20.000	Ohm-m				
		-7.481	V			3745.000	mmho-m				
After Survey Verification											
		Readings						Targets		Results	

	Zero	Cal		Zero	Cal		in	lb
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Litho Density Calibration Report

Serial: 003 Model: PRB

Master Calibration			Performed Mon May 22 11:42:40 2023					
	Background		Magnesium		Aluminum		Aluminum+Fe	
Window 1	1512.3		7465.7		2749.0		2519.6	cps
Window 2	1398.8		6705.7		2507.3		2313.8	cps
Window 3	1289.2		5259.5		2124.1		2009.6	cps
Window 4	351.1		351.6		351.8		353.2	cps
Long Space	0.0		5306.9		1108.5		915.0	cps
Short Space	3.3		2239.9		1441.2		1212.0	cps
Rho			1.7100		2.5900		0.0000	g/cc
Pe			2.0000		2.7500		5.7900	
Rib Angle	: 44.3		Rib Slope	: 0.975	Density/Spine Ratio		: 0.541	
Spine Angle	: 74.3		Spine Slope	: 3.551	Spine Intercept		: -18.8	

Before Survey Verification			Performed Wed Dec 31 18:00:00 1969					
Window 1	0.0		0.0		0.0		0.0	cps
Window 2	0.0		0.0		0.0		0.0	cps
Window 3	0.0		0.0		0.0		0.0	cps
Window 4	0.0		0.0		0.0		0.0	cps
Long Space	0.0		0.0		0.0		0.0	cps
Short Space	0.0		0.0		0.0		0.0	cps
Measured Rho			0.0000		0.0000		0.0000	g/cc
Measured Correction			0.0000		0.0000		0.0000	g/cc
Measured Pe					0.0000		0.0000	

After Survey Verification			Performed Wed Dec 31 18:00:00 1969					
Window 1	0.0		0.0		0.0		0.0	cps
Window 2	0.0		0.0		0.0		0.0	cps
Window 3	0.0		0.0		0.0		0.0	cps
Window 4	0.0		0.0		0.0		0.0	cps
Long Space	0.0		0.0		0.0		0.0	cps
Short Space	0.0		0.0		0.0		0.0	cps
Measured Rho			0.0000		0.0000		0.0000	g/cc
Measured Correction			0.0000		0.0000		0.0000	g/cc
Measured Pe					0.0000		0.0000	

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:	46001		
	Tool Model:	Probe1		
	Performed:	Thu Apr 20 09:55:57 2023		
	Calibrator Value:	1.0	GAPI	
	Background Reading:	0.0	cps	
	Calibrator Reading:	1.0	cps	
	Sensitivity:	0.4300	GAPI/cps	