



COMPENSATED DENSITY/NEUTRON LOG

Company DOWNING - NELSON OIL COMPANY, INC.

Well HFI #1-27

Field UNNAMED

County RAWLINS State KANSAS

Location: API #: 15-153-21324-0000

Other Services
DIL/MEL
SONIC/FF

2000' FNL & 1699' FWL
SW - NW - SE - NW
SEC 27 TWP 4S RGE 36W

Elevation

Permanent Datum GROUND LEVEL Elevation 3358
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING

K.B. 3369
D.F. 3367
G.L. 3358

Date 3/8/24

Run Number ONE

Depth Driller 4989

Depth Logger 4988

Bottom Logged Interval 4964

Top Log Interval 3600

Casing Driller 8.625@485

Casing Logger 478

Bit Size 7.785

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.3/63

pH / Fluid Loss 9.5/7.8

Source of Sample FLOWLINE

Rm @ Meas. Temp 2.00@68F

Rmf @ Meas. Temp 1.50@68F

Rmc @ Meas. Temp 2.40@68F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT 1.09@125F

Time Circulation Stopped 2.5 HOURS

Time Logger on Bottom 4.45 A.M.

Maximum Recorded Temperature 125F

Equipment Number 922339

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By JEREMY PASEK

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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.

15-153-21324-0000

Comments

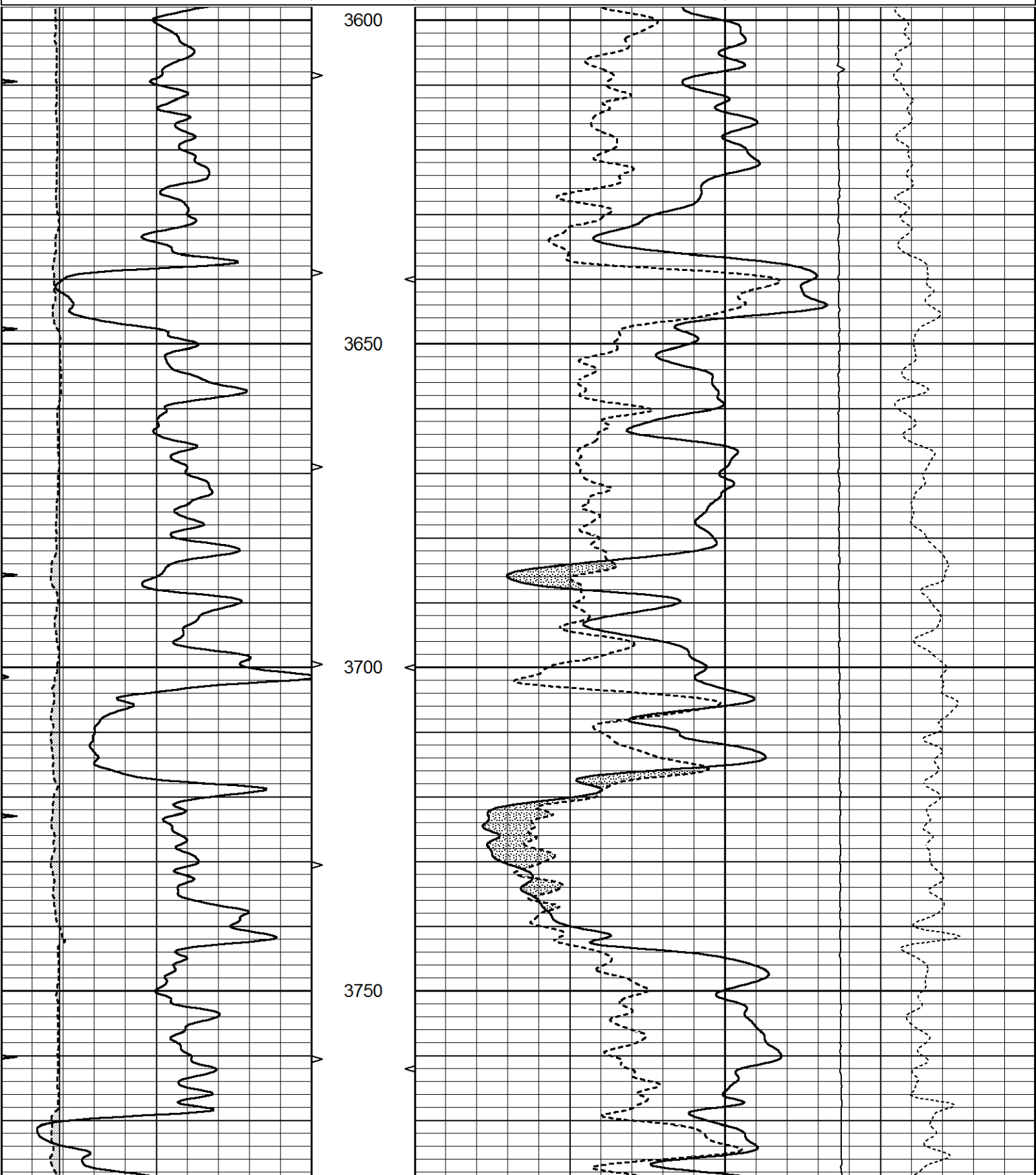
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395
DIRECTIONS
BREWSTER, KS., N. TO "RD. H", 1E., 1N., 1/2W., S. INTO

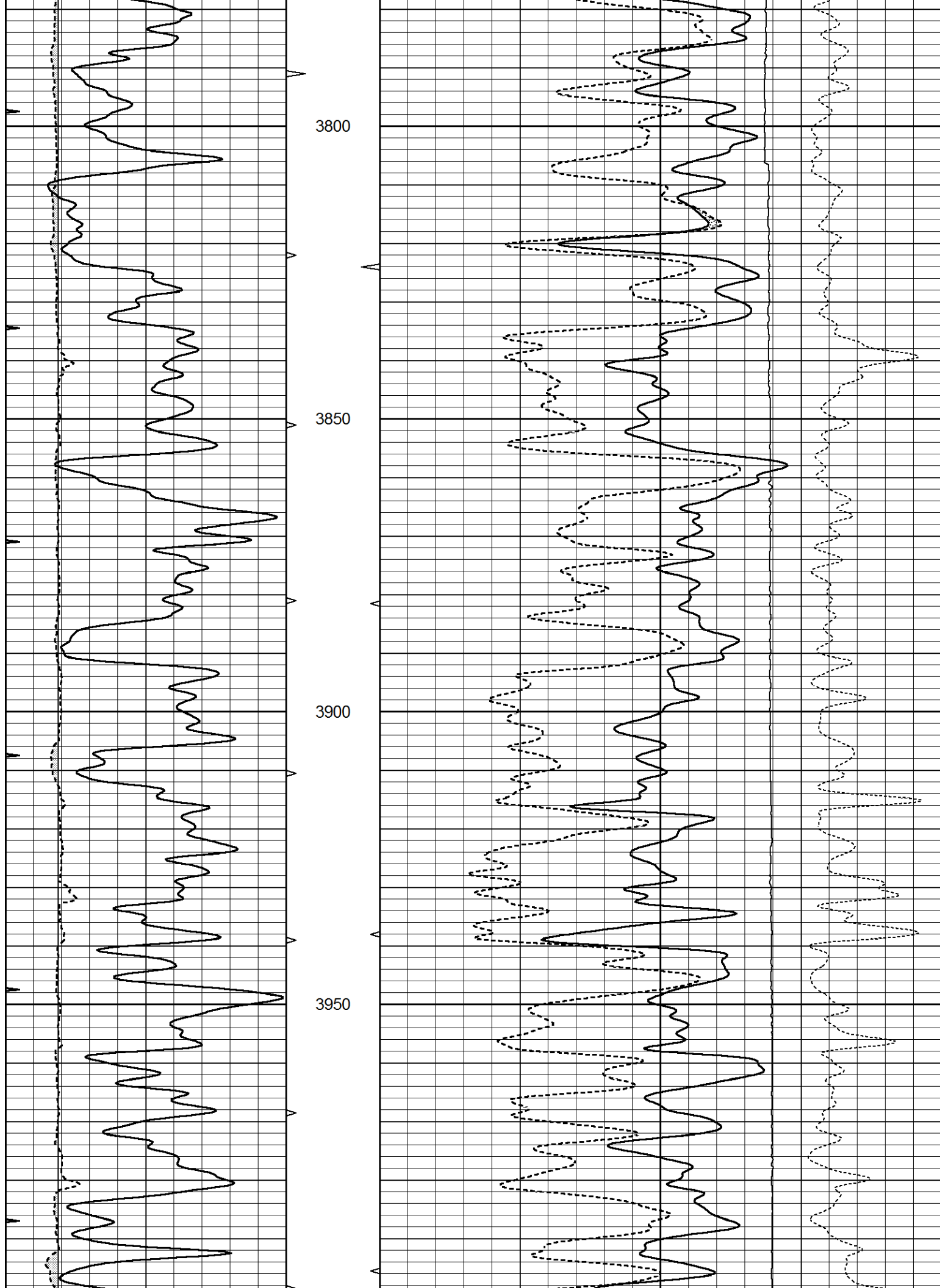


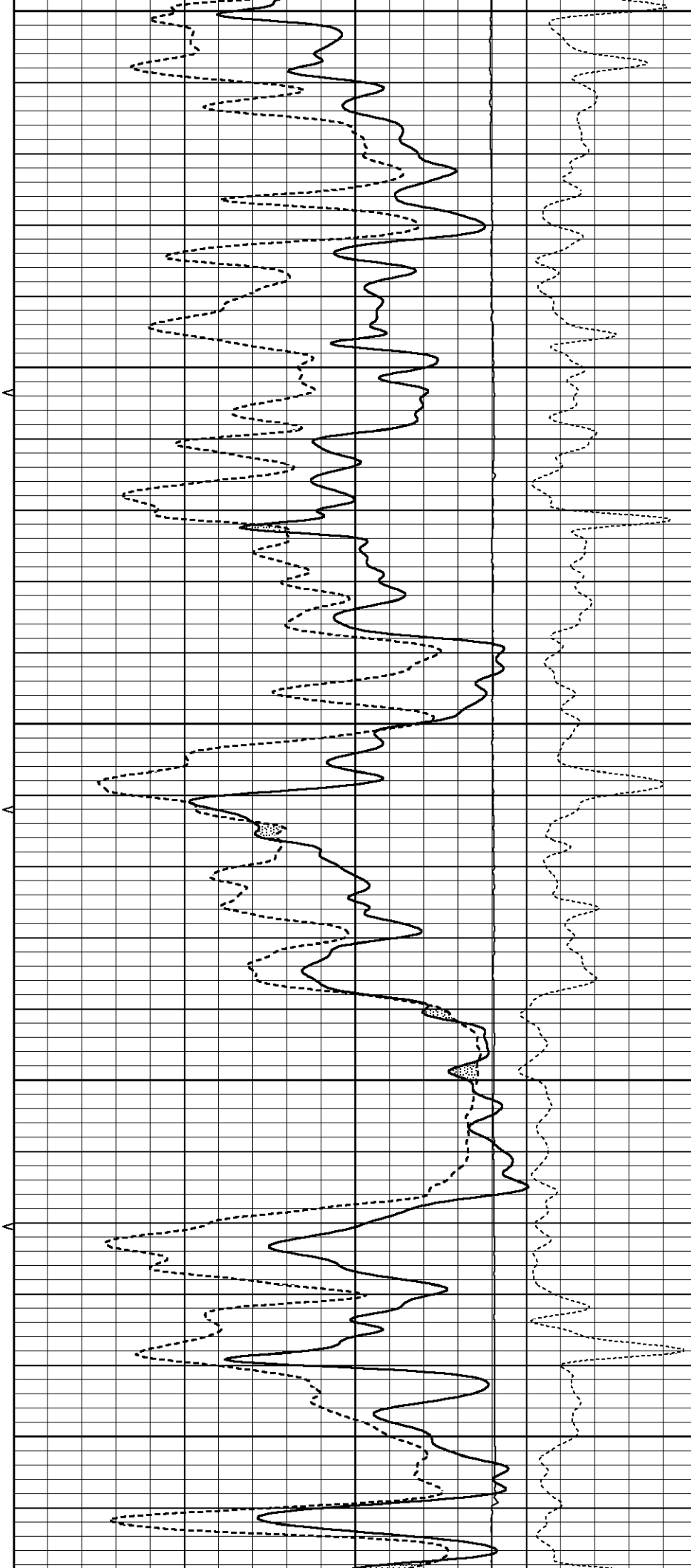
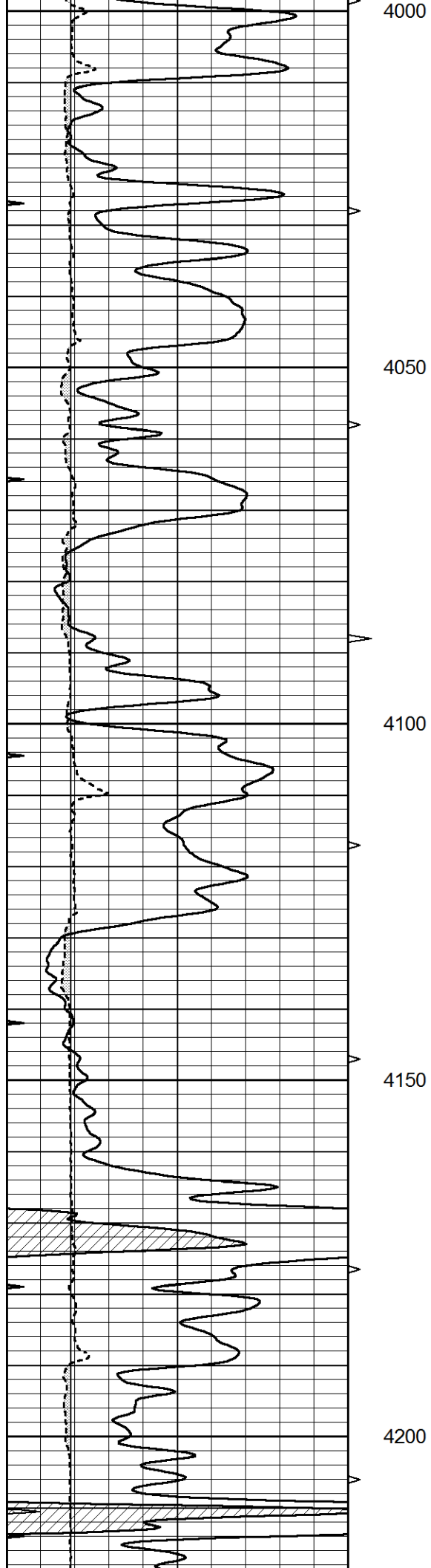
MAIN SECTION

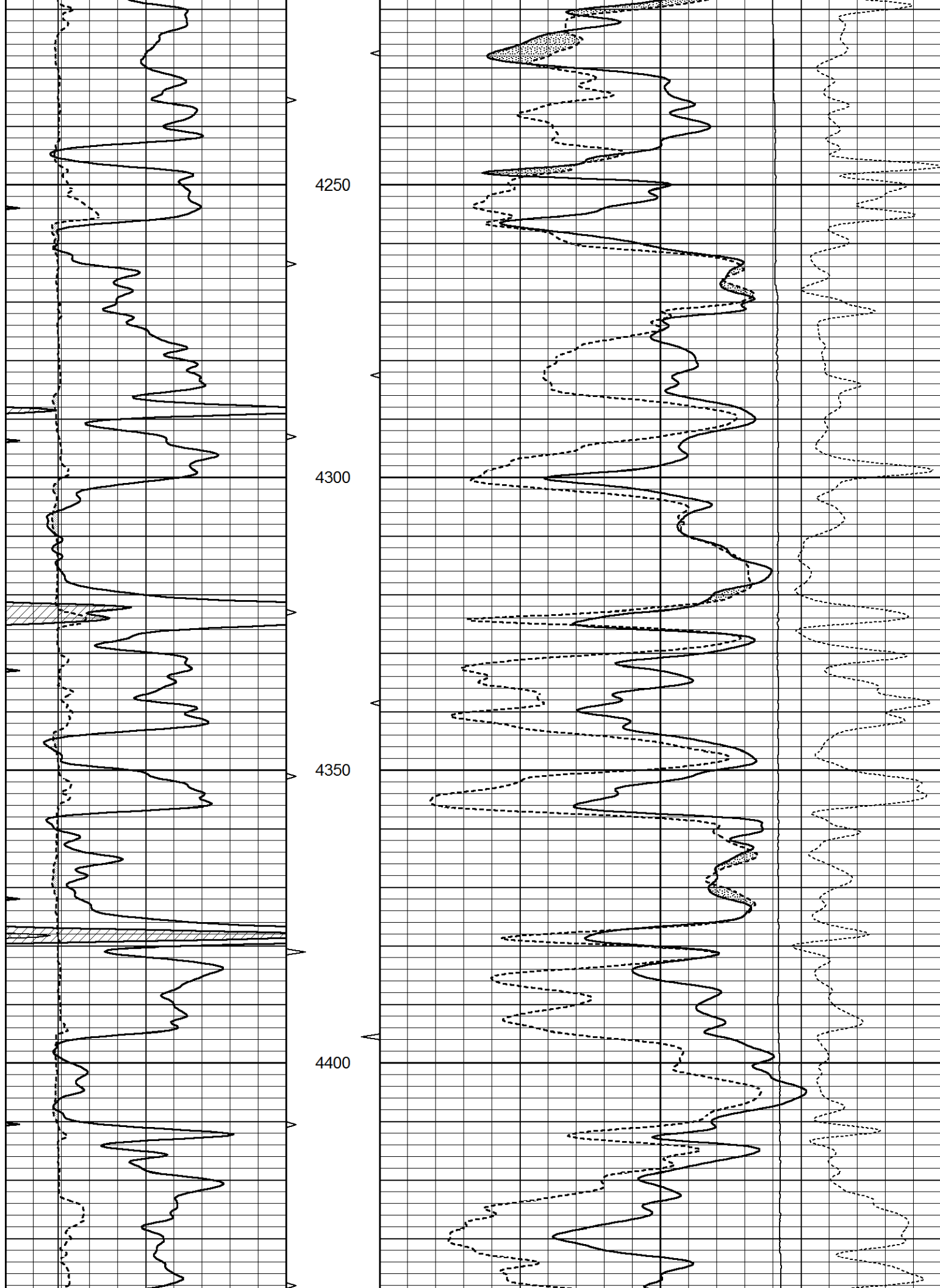
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Presentation Format	_den_neu
Dataset Creation	Fri Mar 08 06:47:39 2024
Charted by	Depth in Feet scaled 1:240

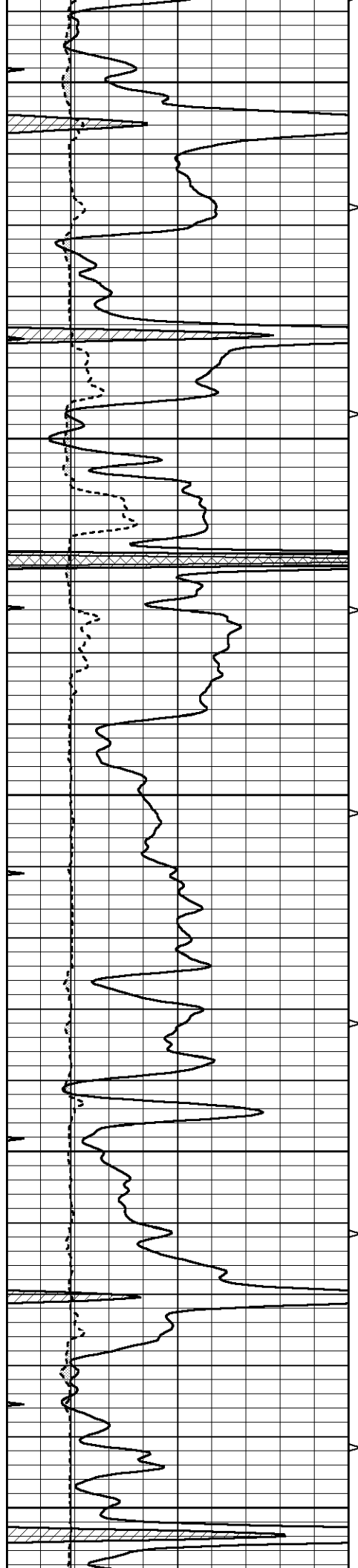
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6	DCAL (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)			-10
0	MINMK	20	TBHV			-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10		0	LTEN (lb)	5000	











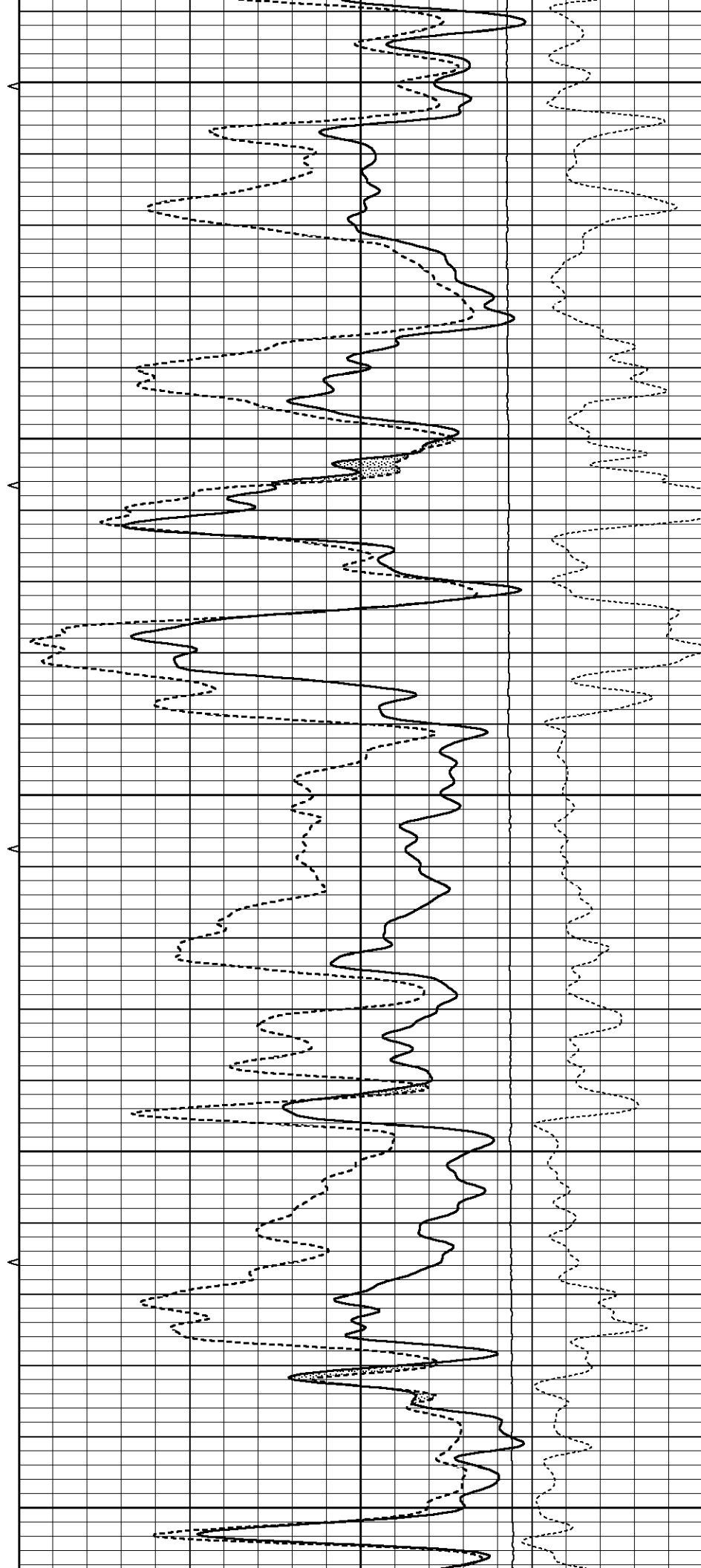
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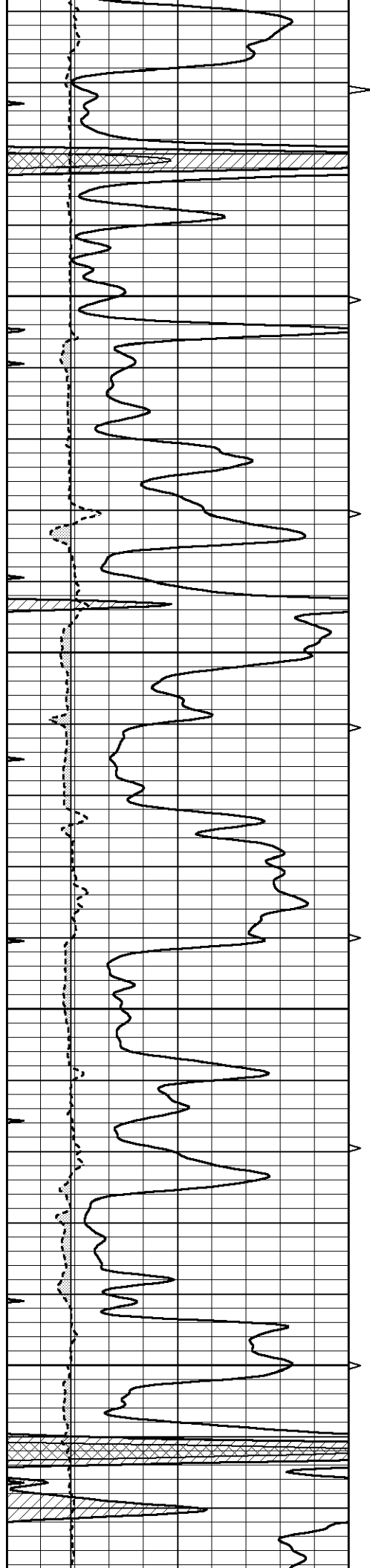
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4600

4650



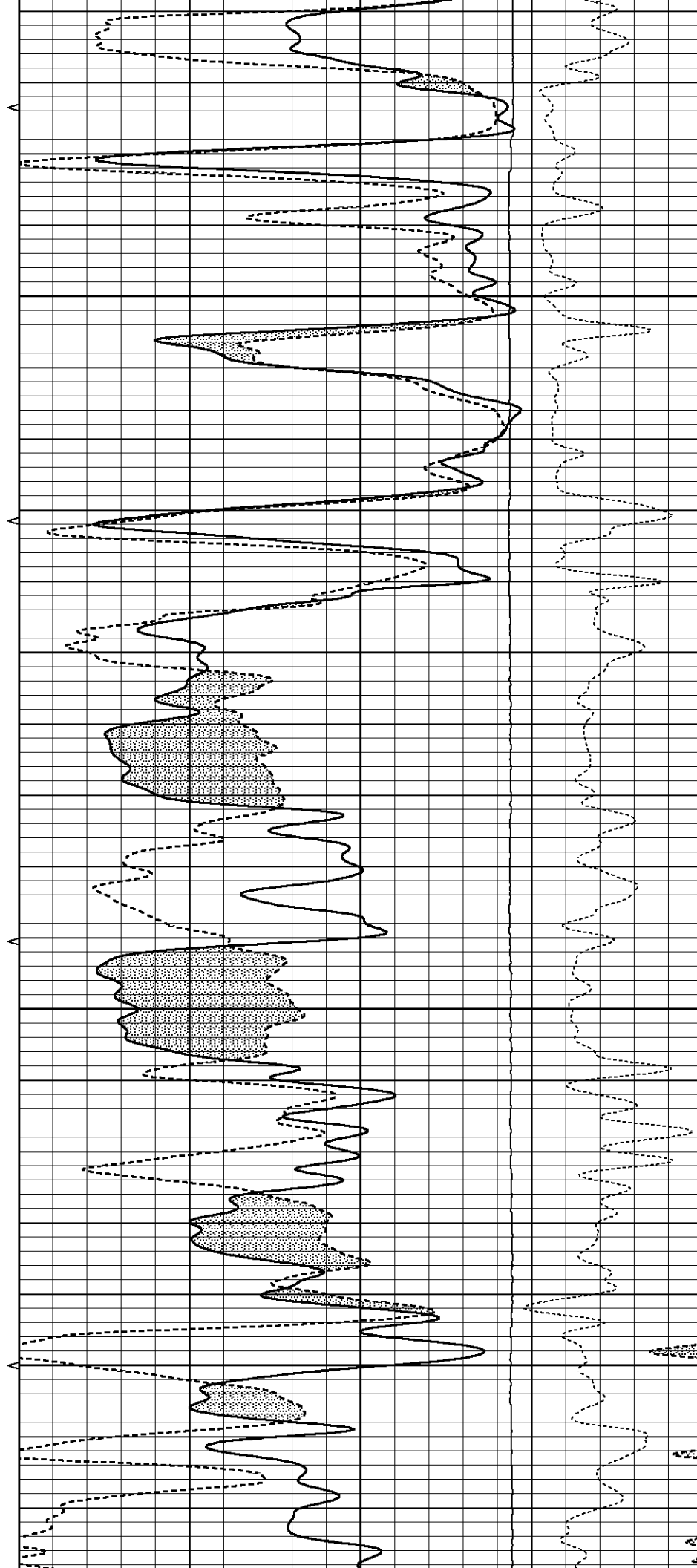


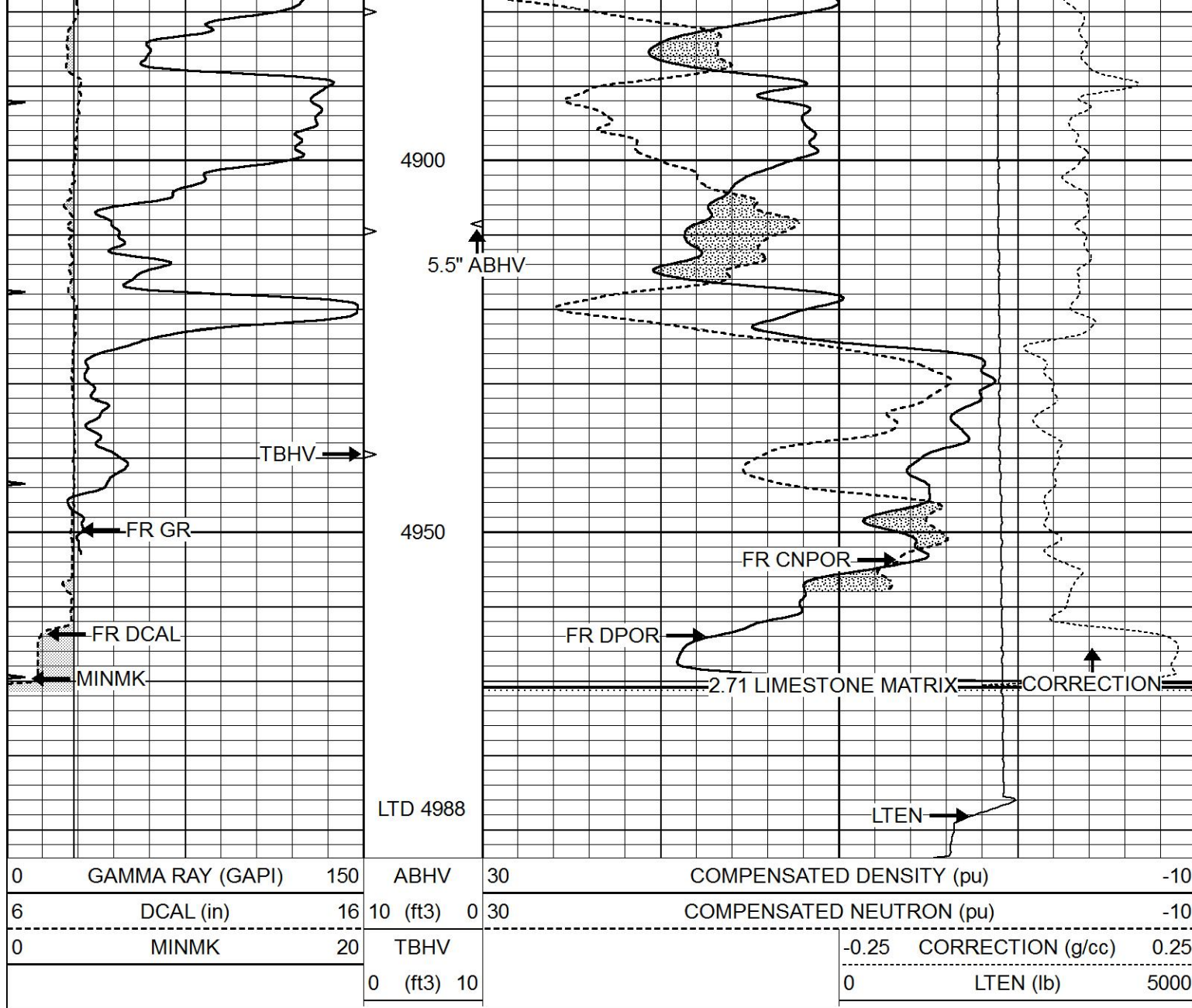
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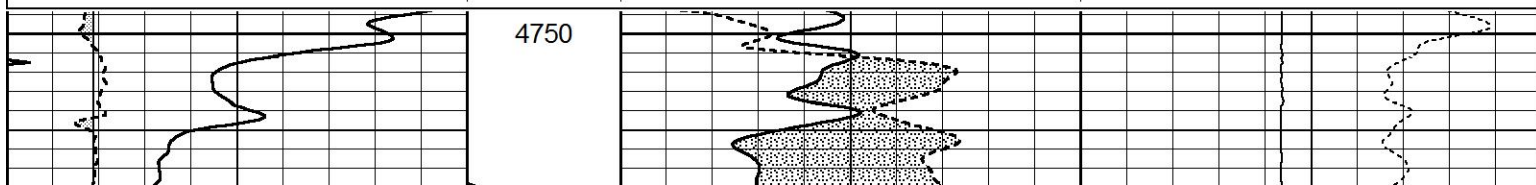


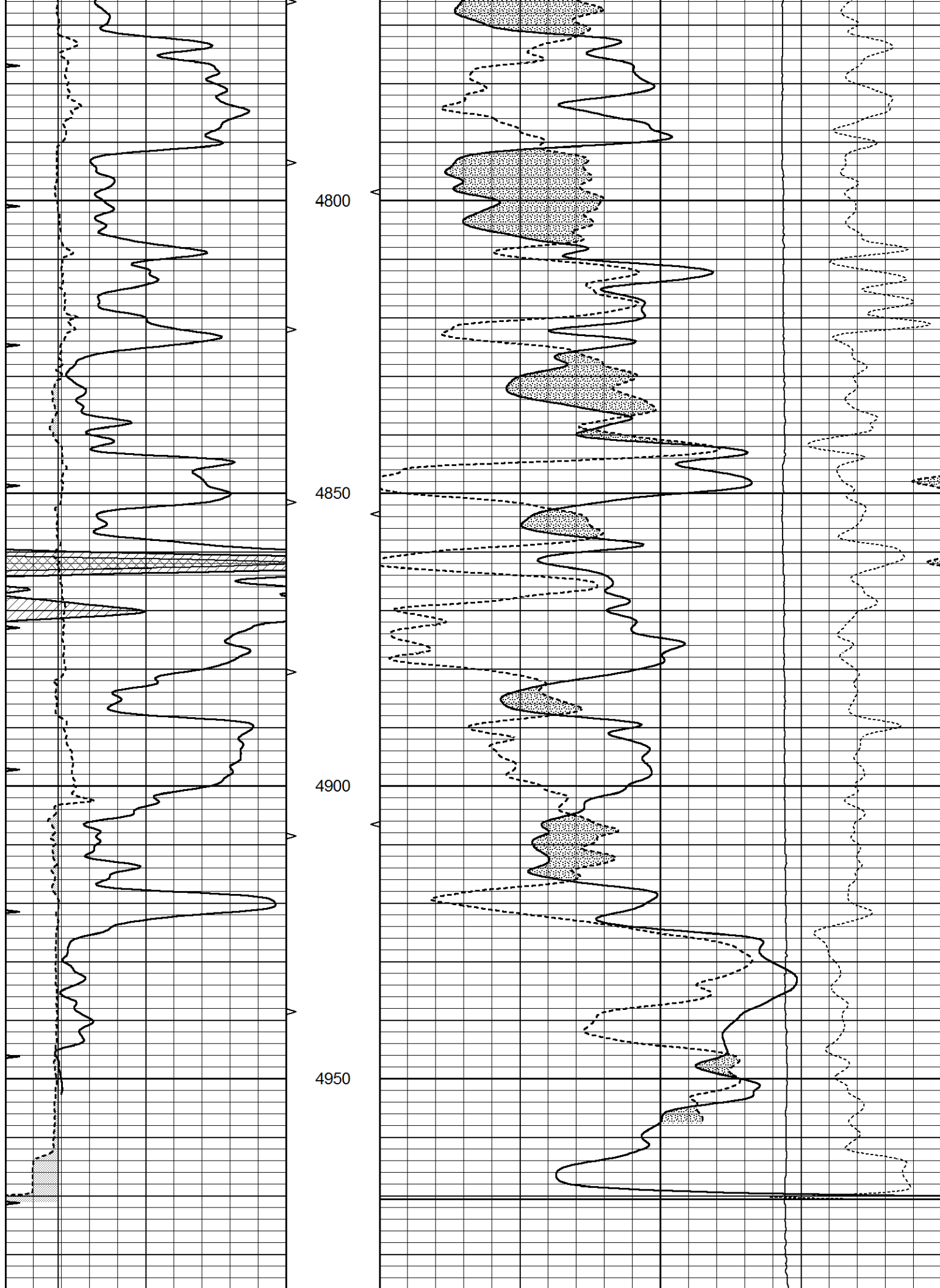


REPEAT SECTION

Database File 8418ddn.db
 Dataset Pathname pass2.1R
 Presentation Format _den_neu
 Dataset Creation Fri Mar 08 06:57:22 2024
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	DCAL (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10		0 LTEN (lb)	5000





Window 4	344.8	343.3	348.7	342.3	cps
Long Space	0.0	7059.8	1484.8	1284.7	cps
Short Space	3.3	2502.7	1618.3	1368.5	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 44.4	Rib Slope	: 0.979	Density/Spine Ratio	: 0.544
Spine Angle	: 74.4	Spine Slope	: 3.576	Spine Intercept	: -19.1

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	

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Compensated Neutron Calibration Report

Serial Number:	070808PMC
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:	070558	
Tool Model:	OPEN_GR	
Performed:	Wed Dec 20 03:59:02 2023	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps

Calibrator Reading:	1.0	cps
Sensitivity:	0.3000	GAPI/cps