



COMPENSATED DENSITY / NEUTRON LOG

Company RAYMOND OIL COMPANY, INC.

Well #1 TABRIZI

Field WILDCAT

County LANE State KANSAS

Location: API #: 15-101-22674-0000
445' FSL & 335' FEL
NW - SE - SE - SE

SEC 2 TWP 20S RGE 28W

Other Services
DILMEL

Permanent Datum GROUND LEVEL Elevation 2724

Log Measured From KELLY BUSHING 5' A.G.L.

Drilling Measured From KELLY BUSHING

Elevation
K.B. 2729
D.F. 2727
G.L. 2724

Date 9/2/22

Run Number ONE

Depth Driller 4720

Depth Logger 4722

Bottom Logged Interval 4698

Top Log Interval 3400

Casing Driller 8 5/8" @ 259'

Casing Logger 259

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.4/43

pH / Fluid Loss 9.5/9.6

Source of Sample FLOWLINE

Rm @ Meas. Temp .900 @ 84F

Rmf @ Meas. Temp .675 @ 84F

Rmc @ Meas. Temp 1.08 @ 84F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .620 @ 122F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 11:00 P.M.

Maximum Recorded Temperature 122F

Equipment Number 922339

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By KIM SHOEMAKER

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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.

15-101-22674-0000

Comments

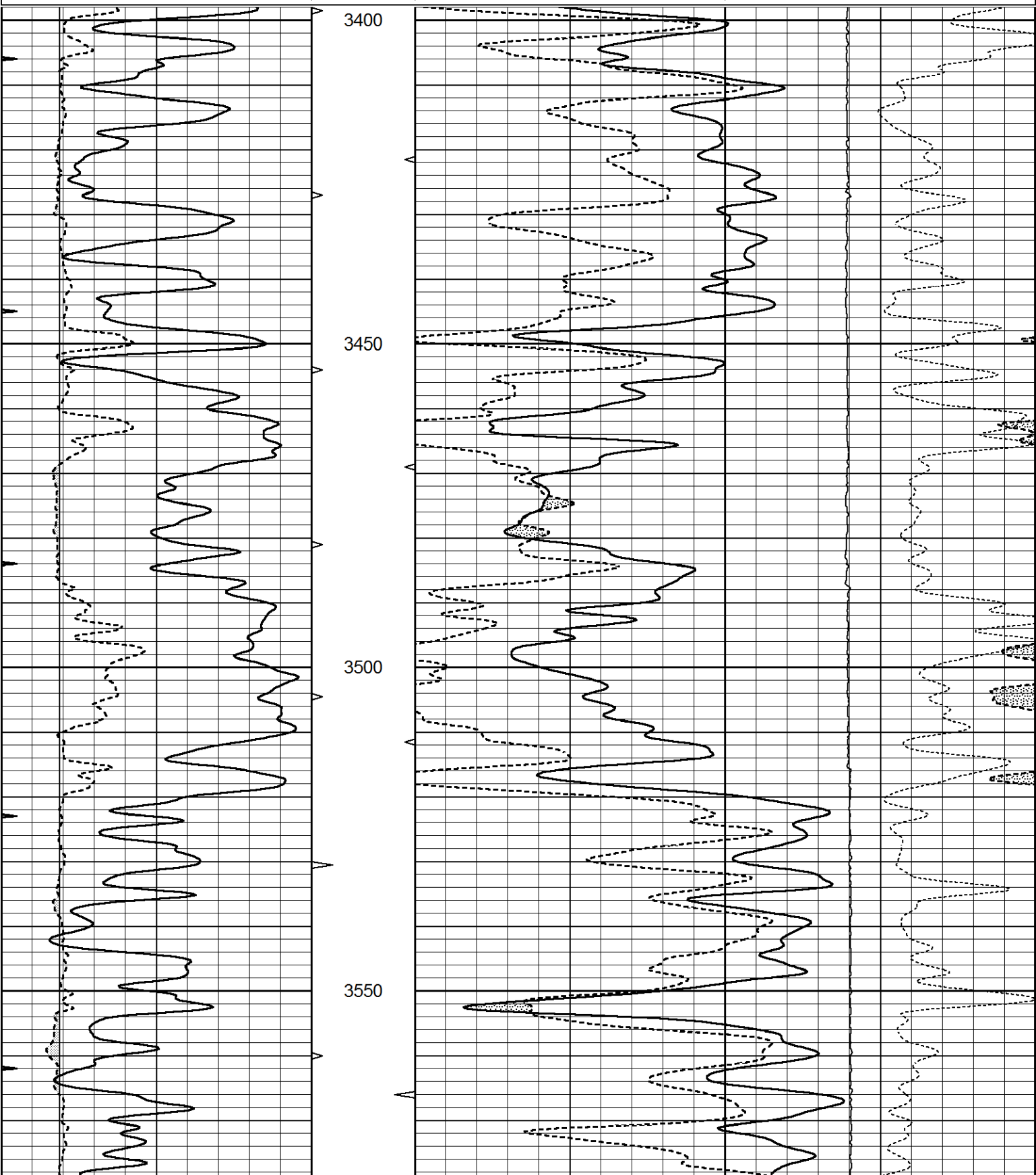
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
DIGHTON, KS., 9S. ON HWY 23 TO "RD. 60", 5E., 1 S. INTO

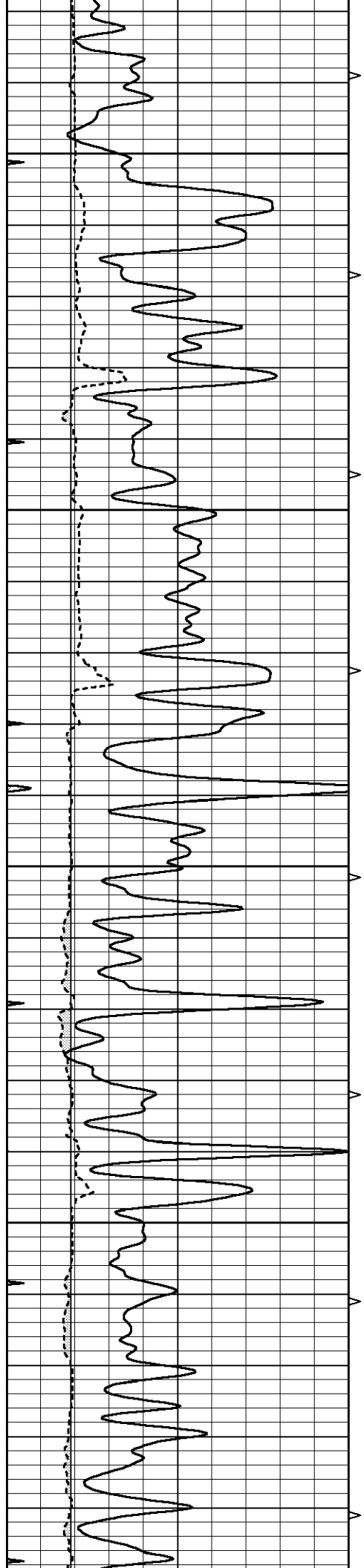


MAIN SECTION

Database File	6916ddn.db
Dataset Pathname	pass4.1M
Presentation Format	den_neu
Dataset Creation	Sat Sep 03 00:50:45 2022
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	



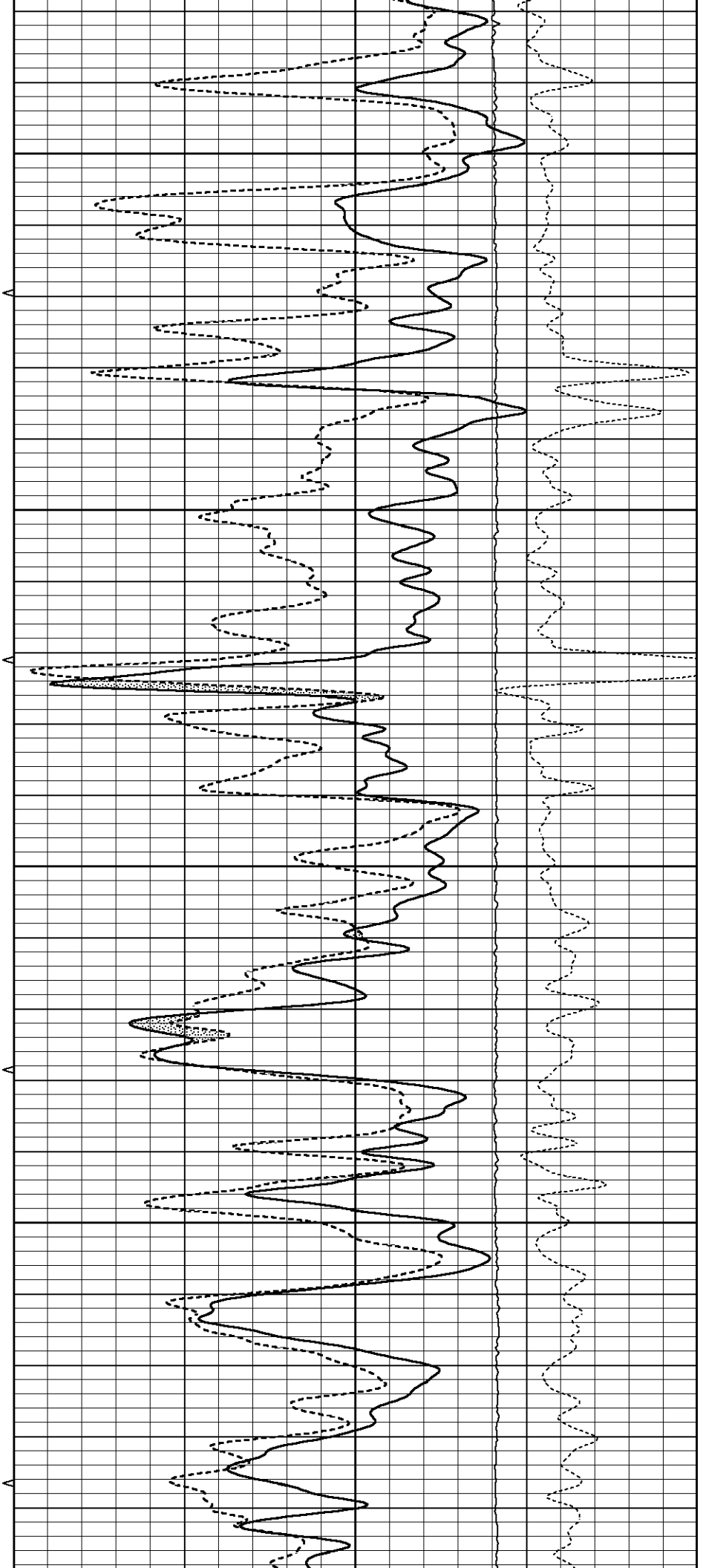


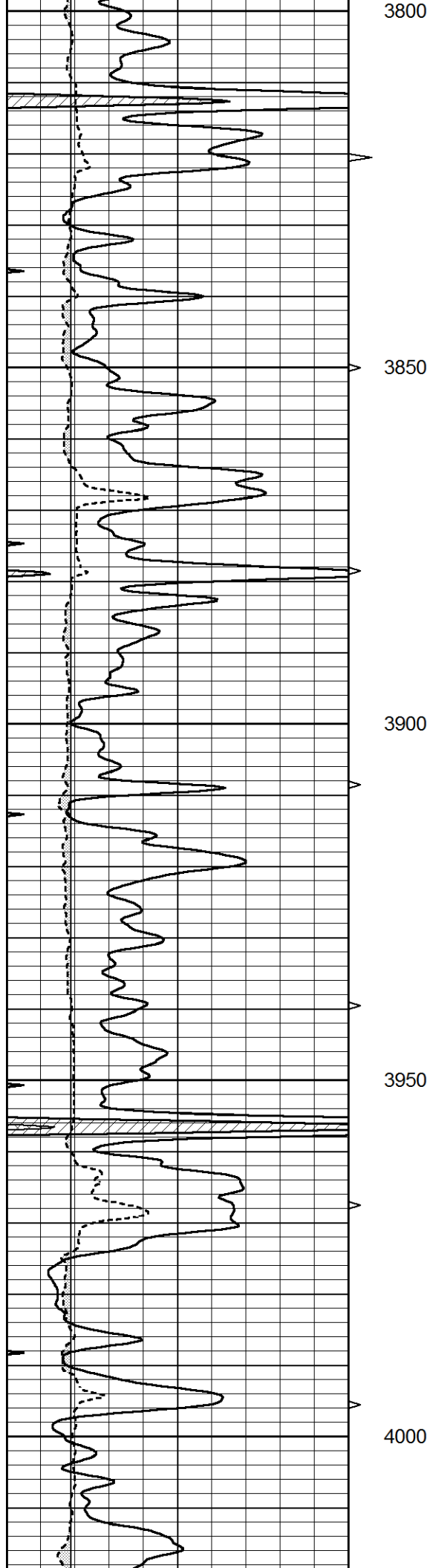
3600

3650

3700

3750





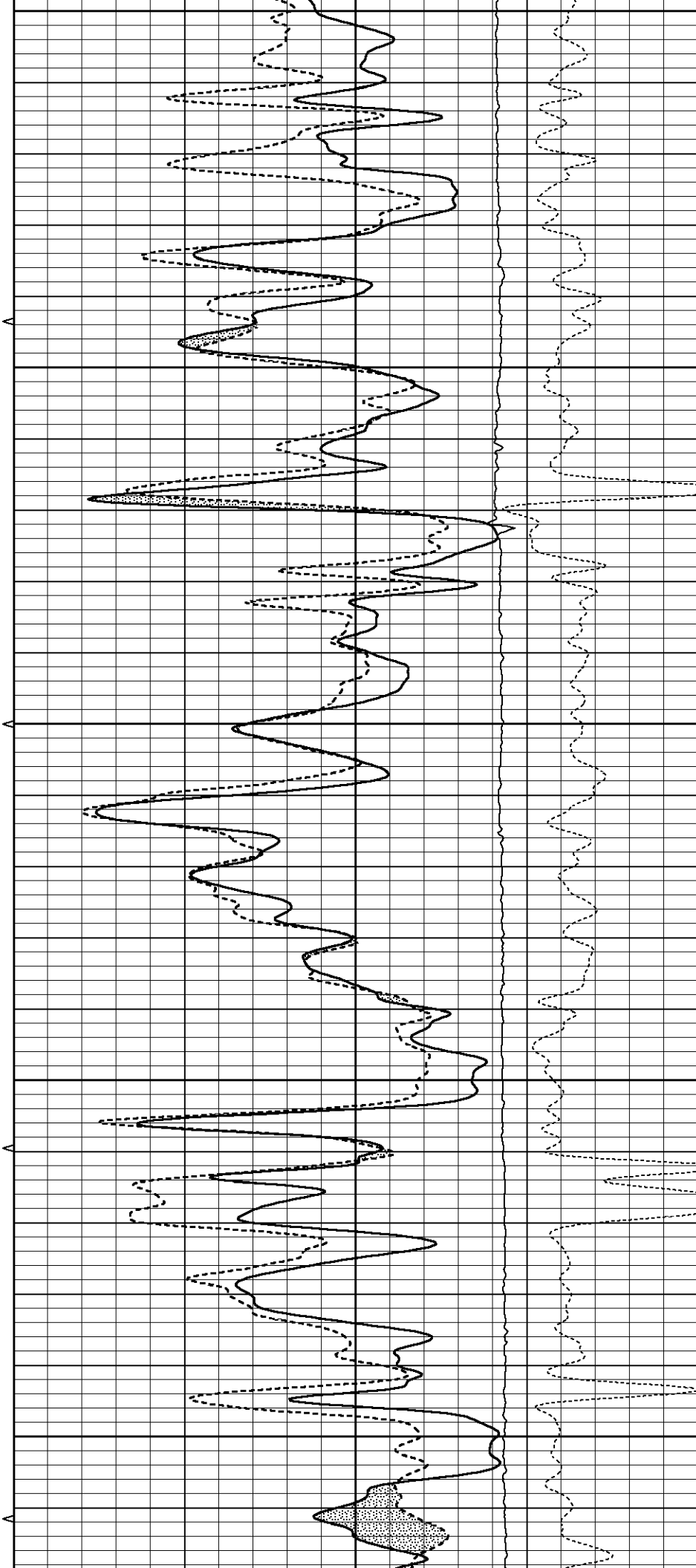
3800

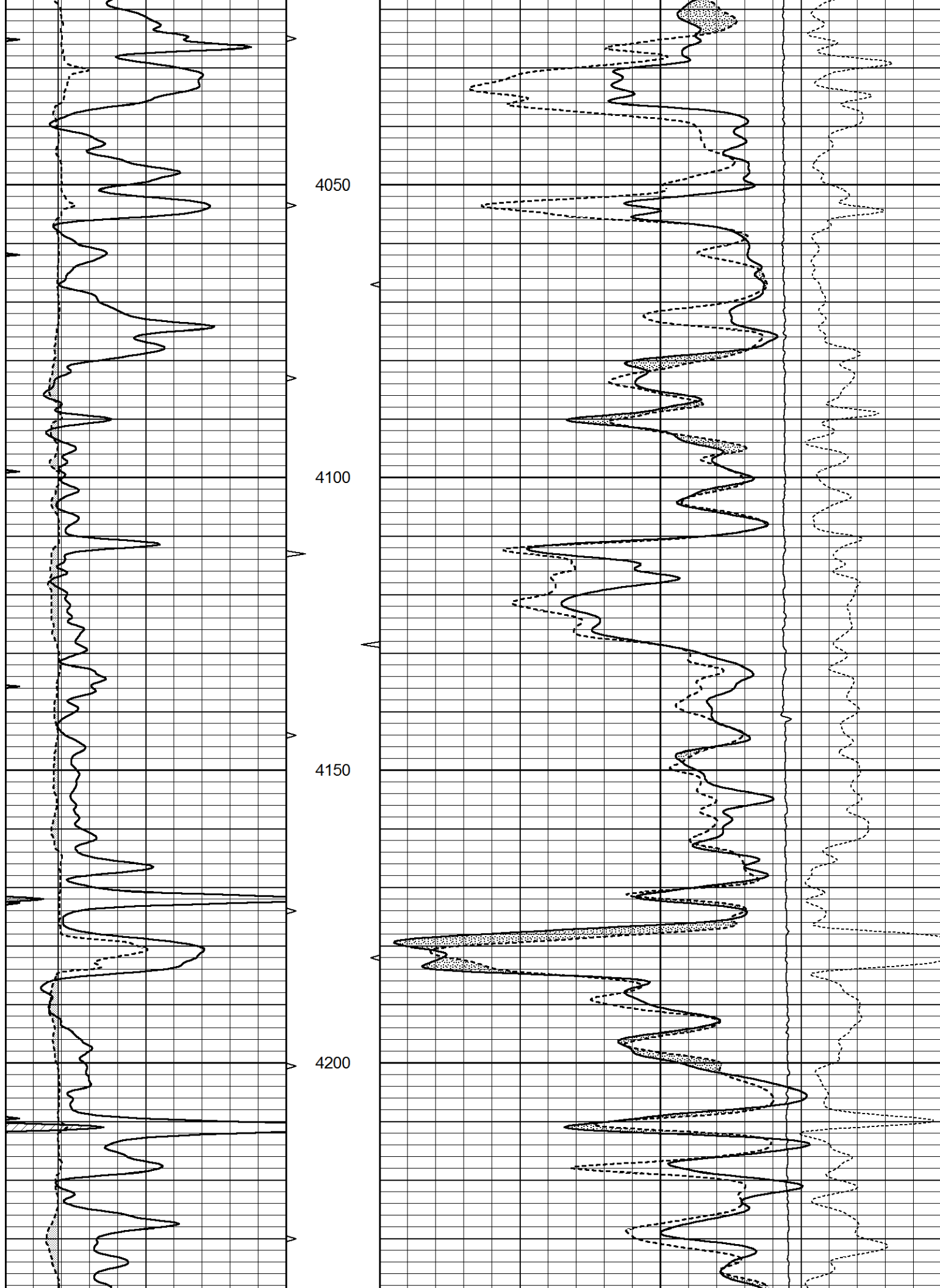
3850

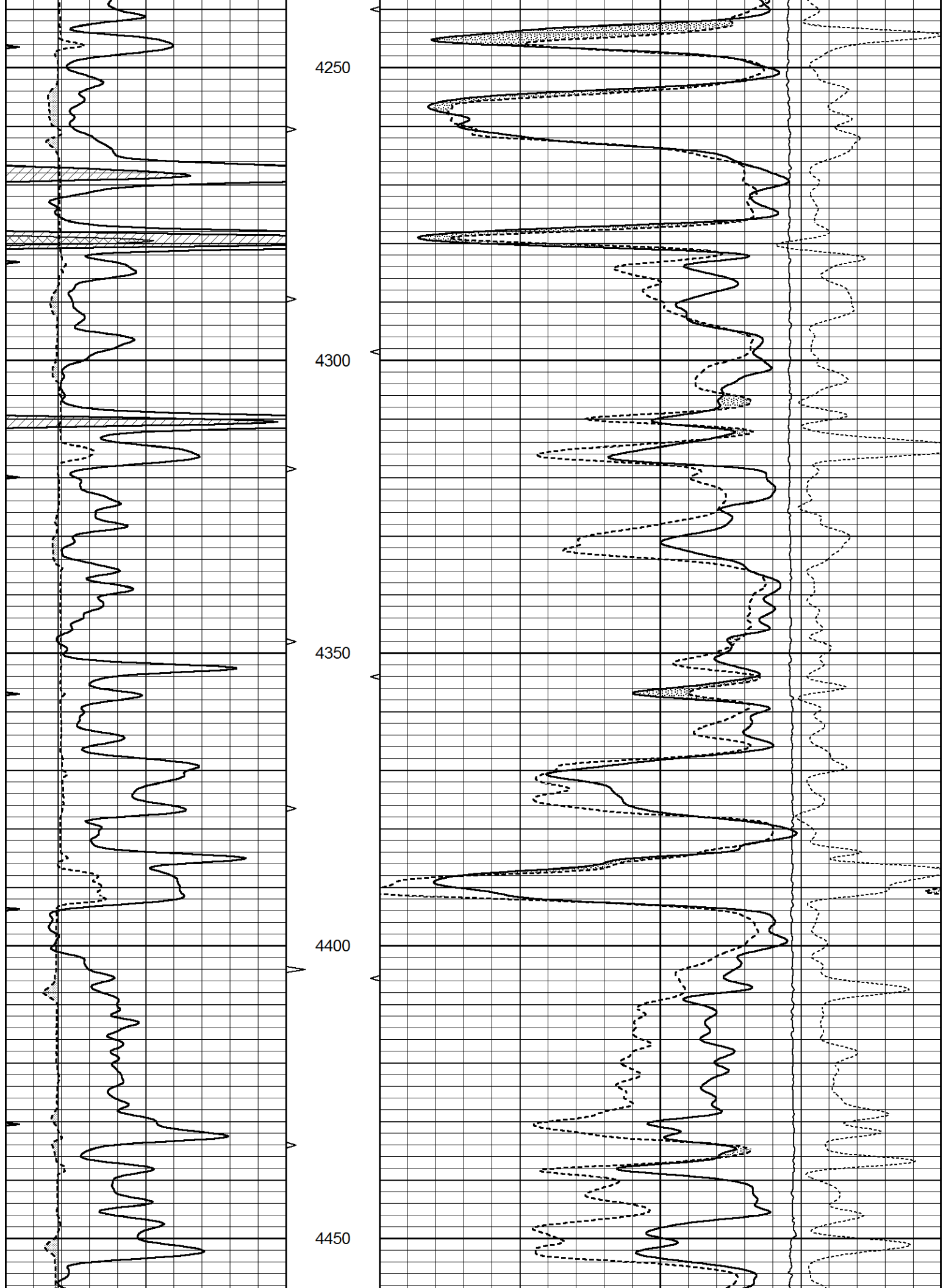
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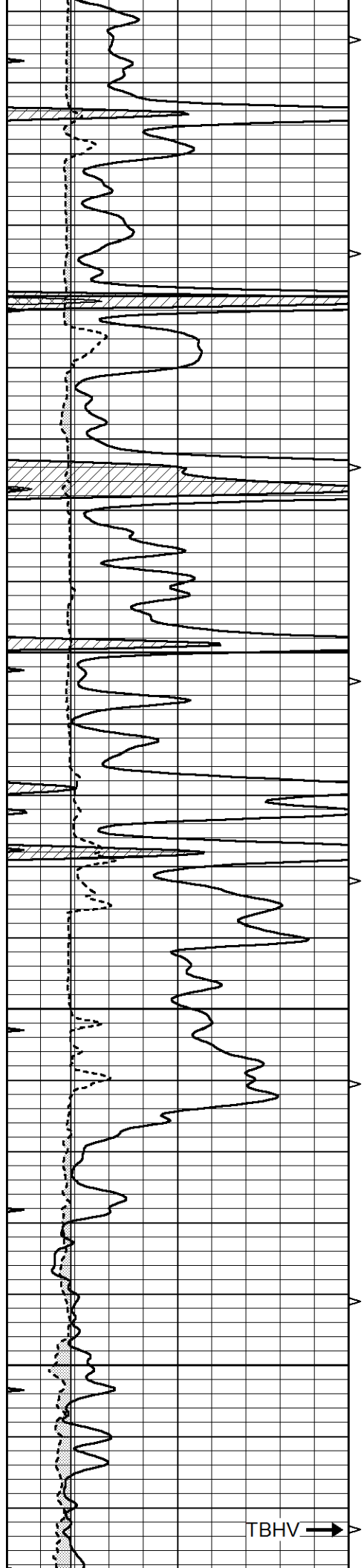
3950

4000









4500

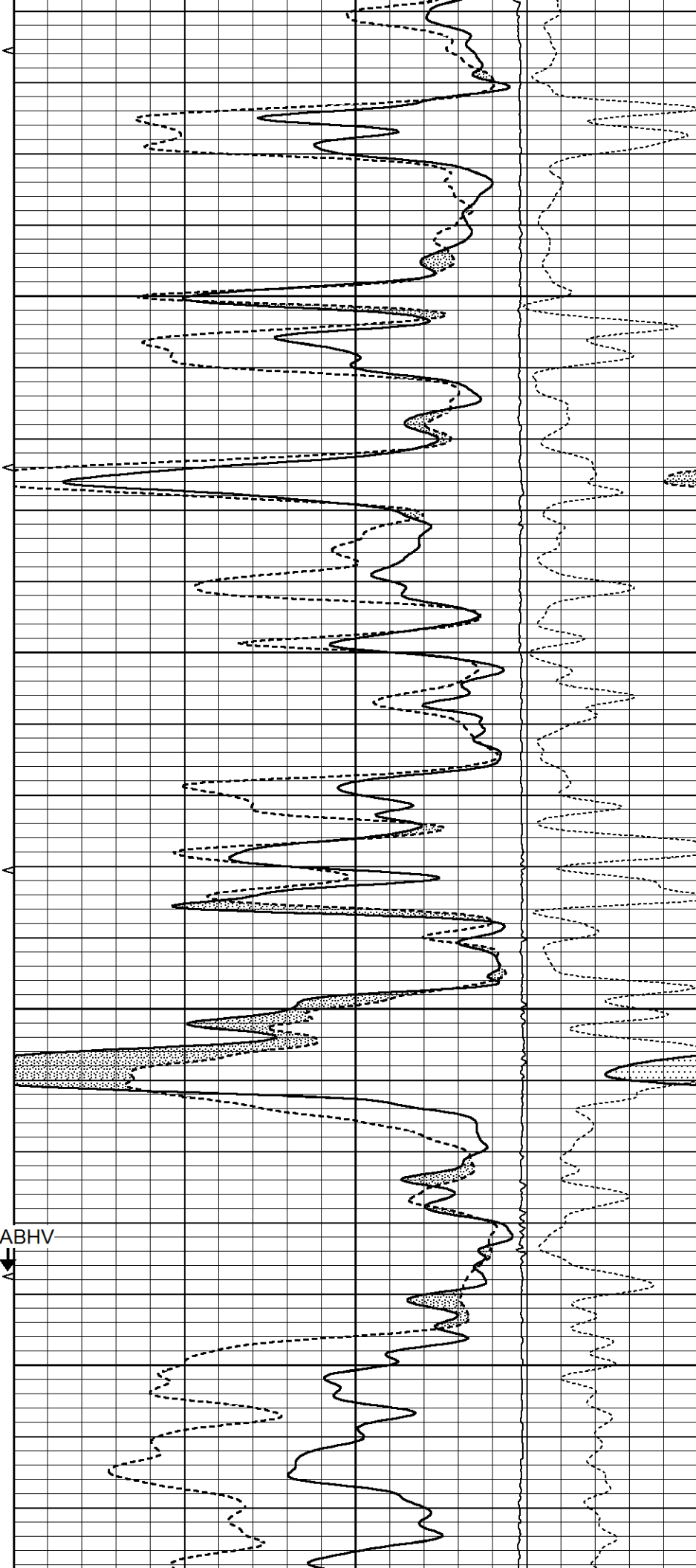
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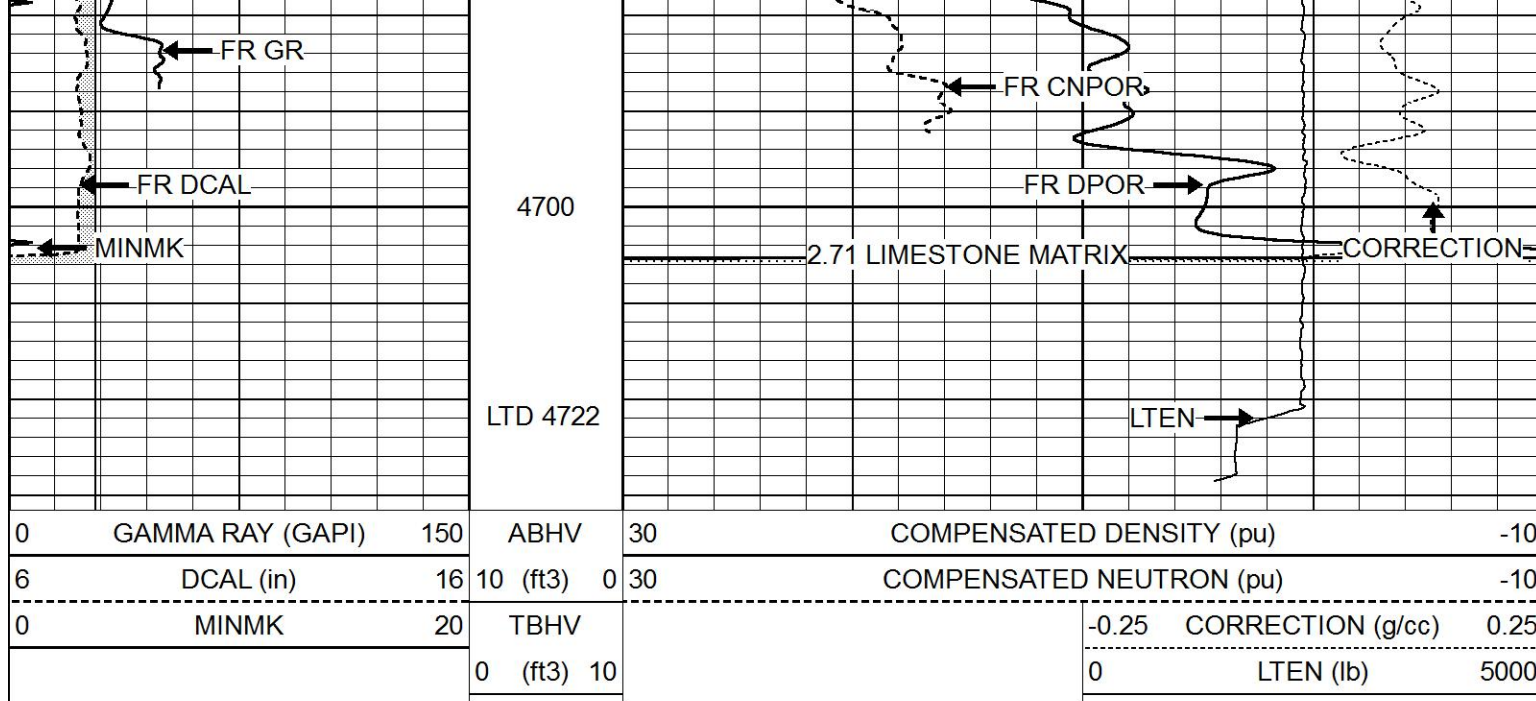
4600

5.5" ABHV

4650

TBHV →

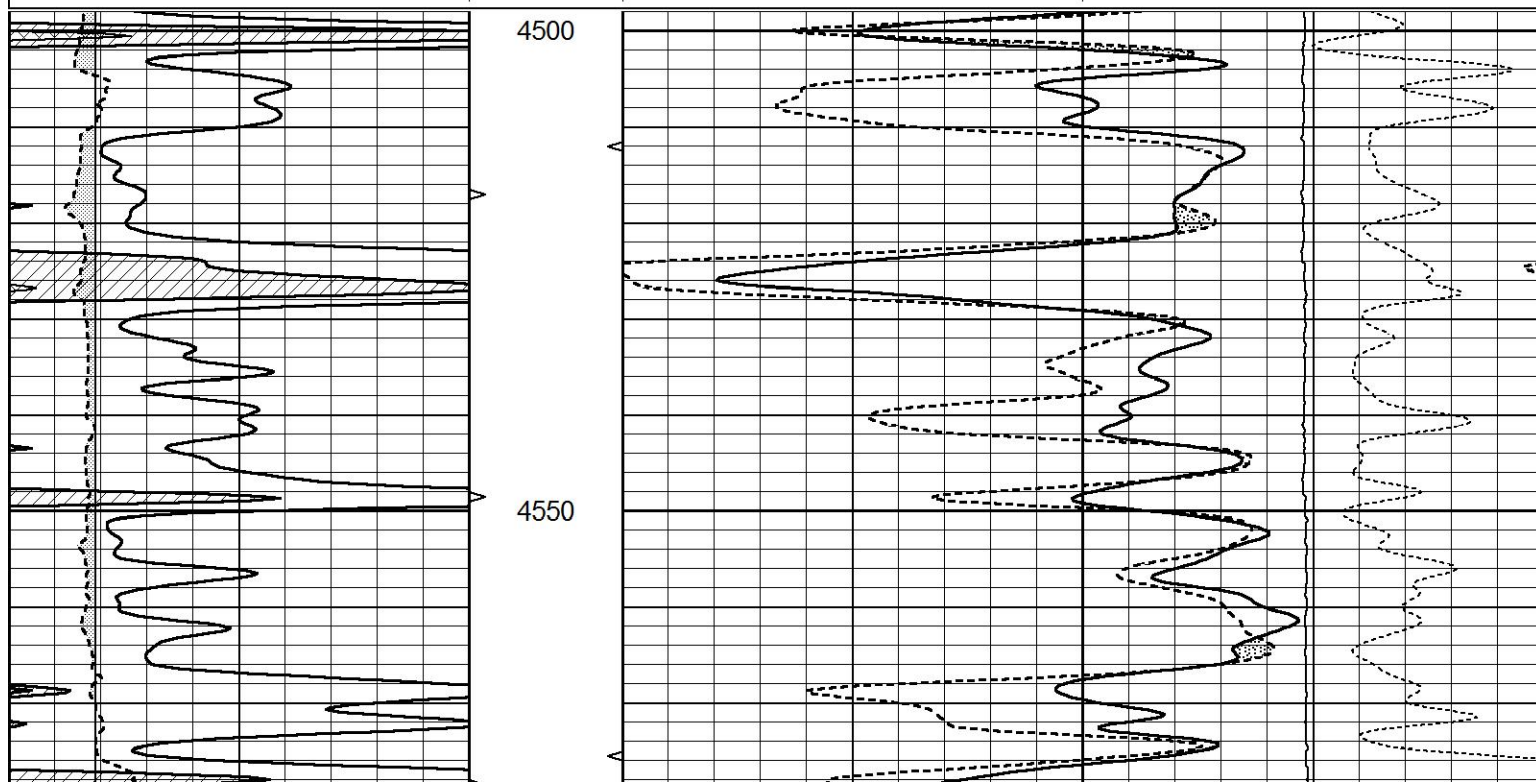


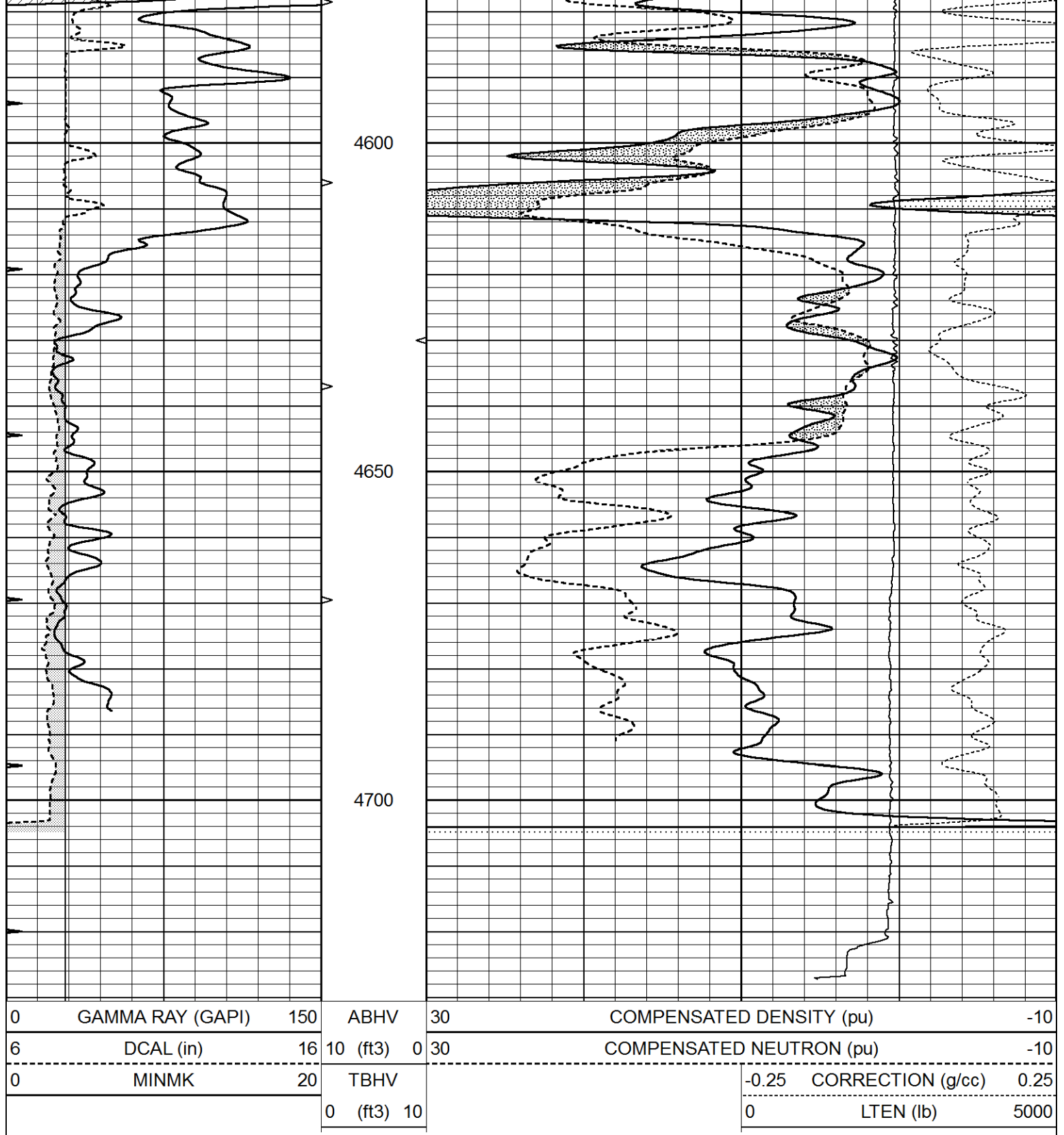


REPEAT SECTION

Database File 6916ddn.db
 Dataset Pathname pass3.1R
 Presentation Format den_neu
 Dataset Creation Sat Sep 03 00:49:20 2022
 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	





Calibration Report

Database File 6916ddn.db
 Dataset Pathname pass4.1M
 Dataset Creation Sat Sep 03 00:50:45 2022

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
 Surface Cal Performed: Fri Sep 02 23:18:03 2022
 Downhole Cal Performed: Mon Jul 28 11:08:27 2008
 After Survey Verification Performed: Mon Jul 28 11:08:27 2008

Surface Calibration				Readings			References		Results	
Loop:		Air	Loop		Air	Loop			m	b
Deep		0.015	0.648	V	0.000	400.000	mmho/m		640.000	6.000
Medium		0.029	0.796	V	0.000	464.000	mmho/m		630.000	-8.000
Internal:		Zero	Cal		Zero	Cal			m	b
Deep		0.017	0.657	V	0.000	400.000	mmho/m		625.153	-10.619
Medium		0.016	0.757	V	0.000	464.000	mmho/m		625.992	-9.739

Downhole Calibration				Readings			References		Results	
		Zero	Cal		Zero	Cal			m'	b'
Deep		0.000	0.000	mmho/m	2.011	405.777	mmho/m		1.000	0.000
Medium		0.000	0.000	mmho/m	7.590	503.393	mmho/m		1.000	0.000
LL3			7.500	V		1500.000	Ohm-m			
			0.000	V		20.000	Ohm-m			
			-7.200	V		3800.000	mmho-m			

After Survey Verification				Readings			Targets		Results	
		Zero	Cal		Zero	Cal			m'	b'
Deep		0.000	0.000	mmho/m	0.000	0.000	mmho/m		0.000	0.000
Medium		0.000	0.000	mmho/m	0.000	0.000	mmho/m		0.000	0.000
LL3			1.000	Ohm-m		1.000	Ohm-m			
			0.000	Ohm-m		0.000	Ohm-m			
			1.000	mmho-m		1.000	mmho-m			

Litho Density Calibration Report									
Serial: 004					Model: PRB				

Master Calibration				Performed Tue Aug 02 11:29:35 2022					
		Background	Magnesium	Aluminum	Aluminum+Fe				
Window 1		1154.2	10019.5	3137.9	2795.6	cps			
Window 2		1054.4	8597.6	2733.4	2469.5	cps			
Window 3		902.3	5241.4	1832.1	1719.3	cps			
Window 4		251.9	261.1	255.8	252.9	cps			
Long Space		0.0	7543.2	1679.0	1415.0	cps			
Short Space		4.4	2049.3	1321.7	1116.8	cps			
Rho			1.7100	2.5900	0.0000	g/cc			
Pe			2.0000	2.7500	5.7900				
Rib Angle		: 43.7	Rib Slope	: 0.957	Density/Spine Ratio	: 0.562			
Spine Angle		: 73.7	Spine Slope	: 3.426	Spine Intercept	: -17.2			

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:	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:		Fri Sep 02 23:18:15 2022			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		
Sensitivity:		0.3000	GAPI/cps		