



COMPENSATED DENSITY/NEUTRON PE LOG

Company	SHAKESPEARE OIL COMPANY, INC.		
Well	ELLIS #2-6		
Field	LAKESIDE		
County	SCOTT		
State	KANSAS		
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Well	ELLIS #2-6		
Field	LAKESIDE		
County	SCOTT		
State	KANSAS		
Location:	2163' FSL & 2046' FWL SW - NE - NE - SW SEC 6 TWP 16S RGE 32W		Other Services DIL/MEL
Permanent Datum	GROUND LEVEL	Elevation	3009
Log Measured From	KELLY BUSHING 10' A.G.L		
Drilling Measured From	KELLY BUSHING		
Elevation		K.B. 3019 D.F. 3017 G.L. 3009	
Date	4/9/24		
Run Number	ONE		
Depth Driller	4695		
Depth Logger	4702		
Bottom Logged Interval	4678		
Top Log Interval	3500		
Casing Driller	8.625@277		
Casing Logger	277		
Bit Size	7.785		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4.000 PPM	
Density / Viscosity	9.2/50		
pH / Fluid Loss	10.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.20@70F		
Rmf @ Meas. Temp	.900@70F		
Rmc @ Meas. Temp	1.44@90F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.689@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	KENT MATSON		

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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.

15-171-21319-0000

Comments

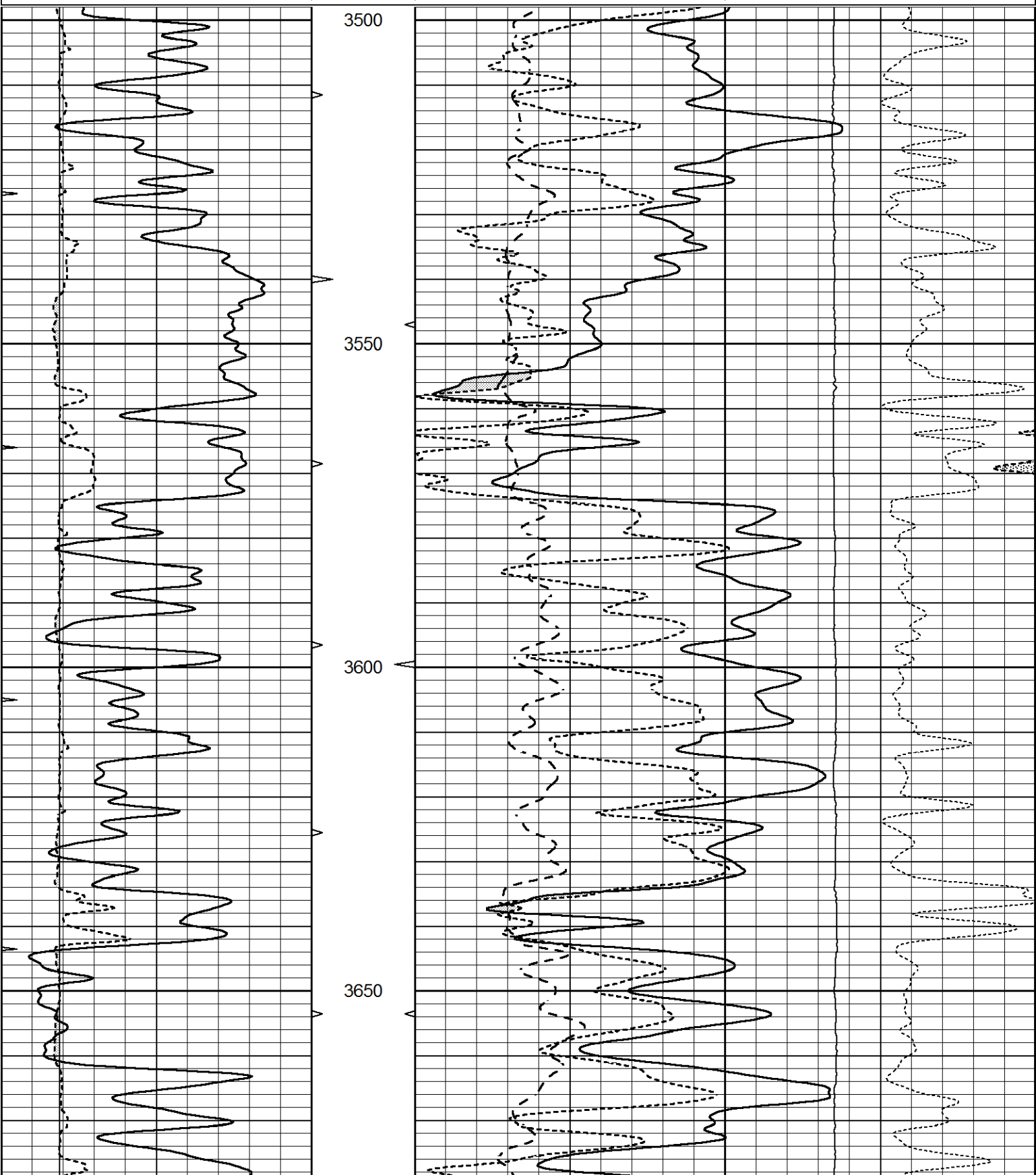
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395
DIRECTIONS
SCOTT CITY, KS., N. ON HWY 83 TO HWY 95, 1 1/2W. ON 95, 3/4 N. INTO @ TANK BATTERY

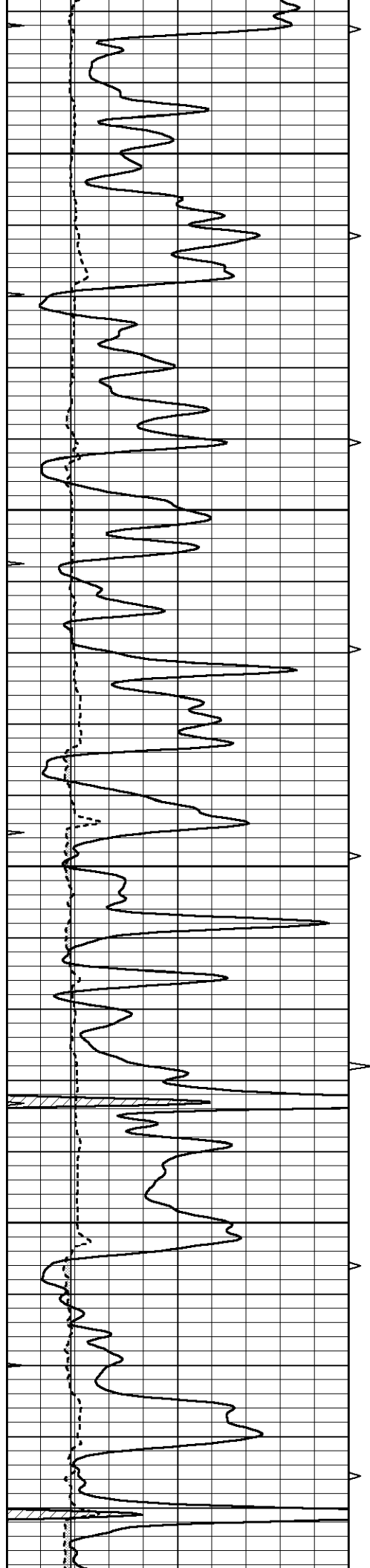


MAIN SECTION

Database File	8483pe.db
Dataset Pathname	pass3.1M
Presentation Format	_ldt_neu
Dataset Creation	Wed Apr 10 01:01:39 2024
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	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10			0	LTEN (lb)	5000



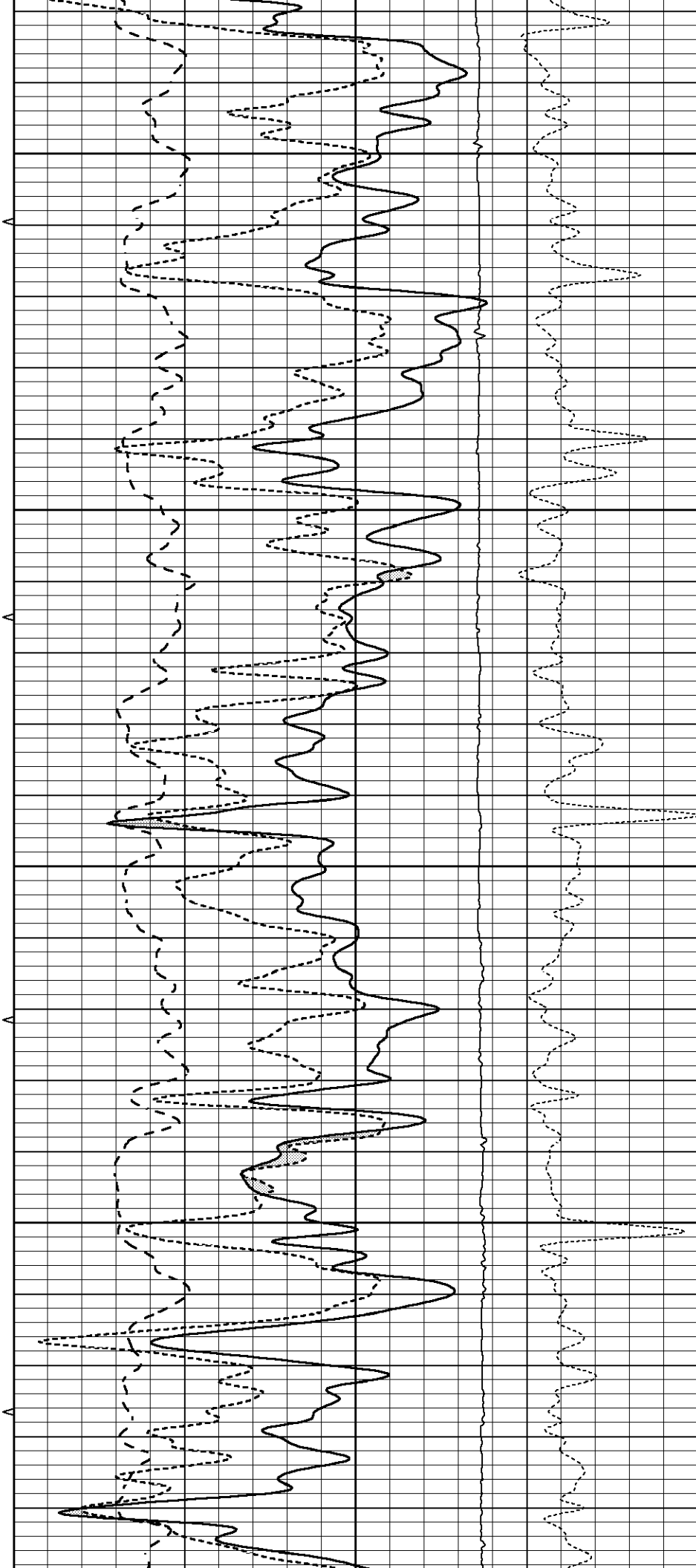


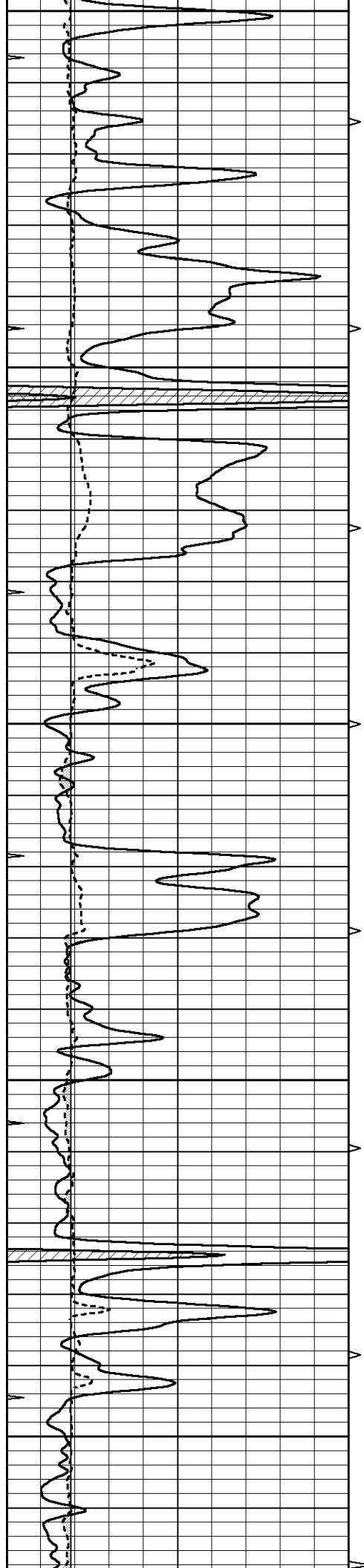
3700

3750

3800

3850





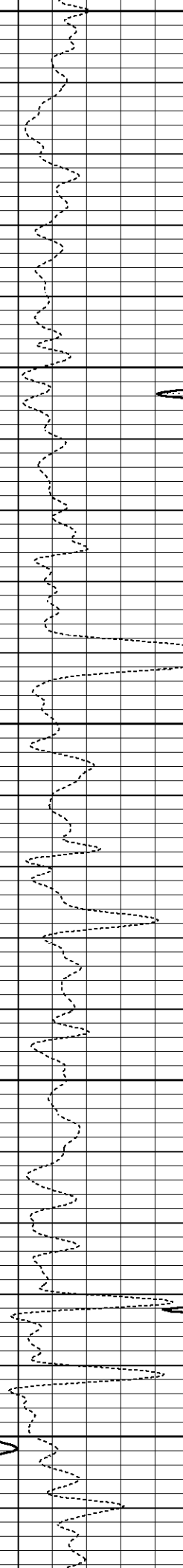
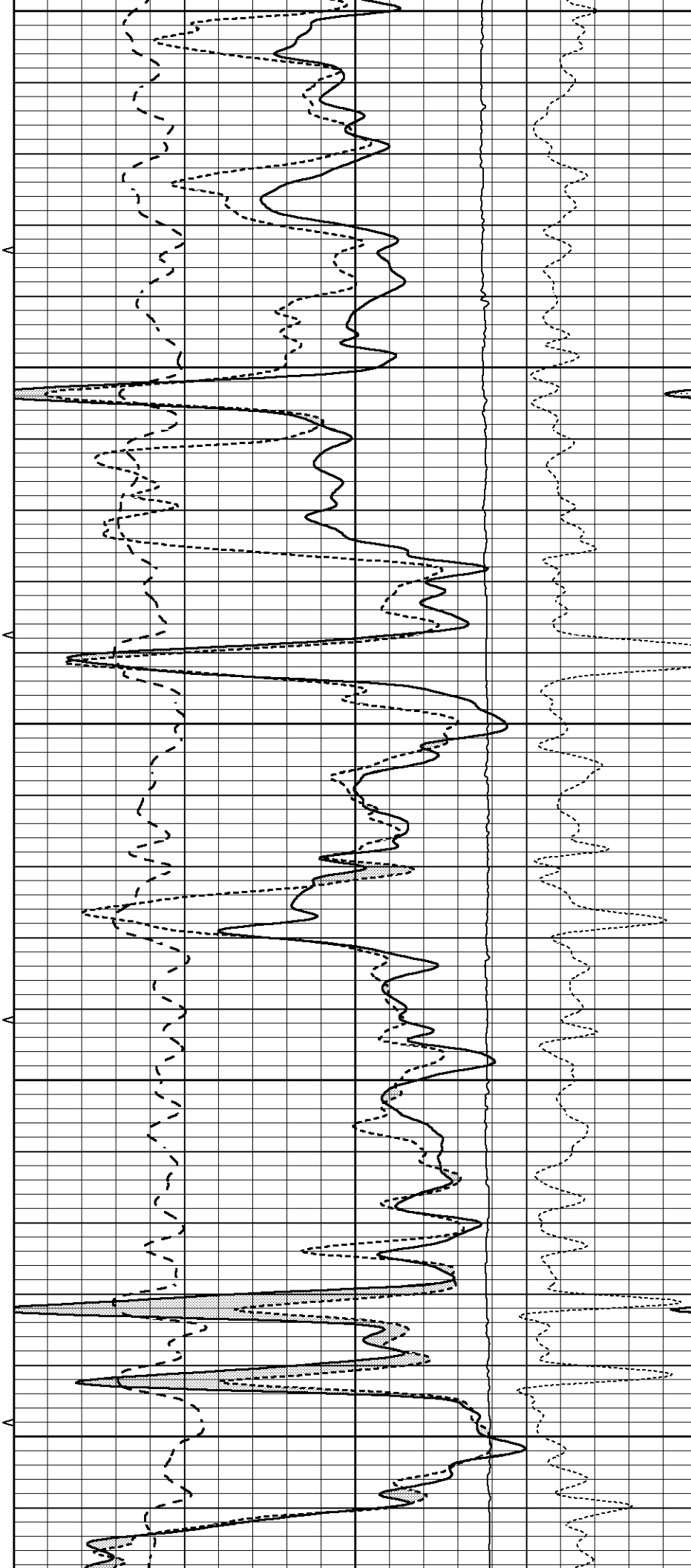
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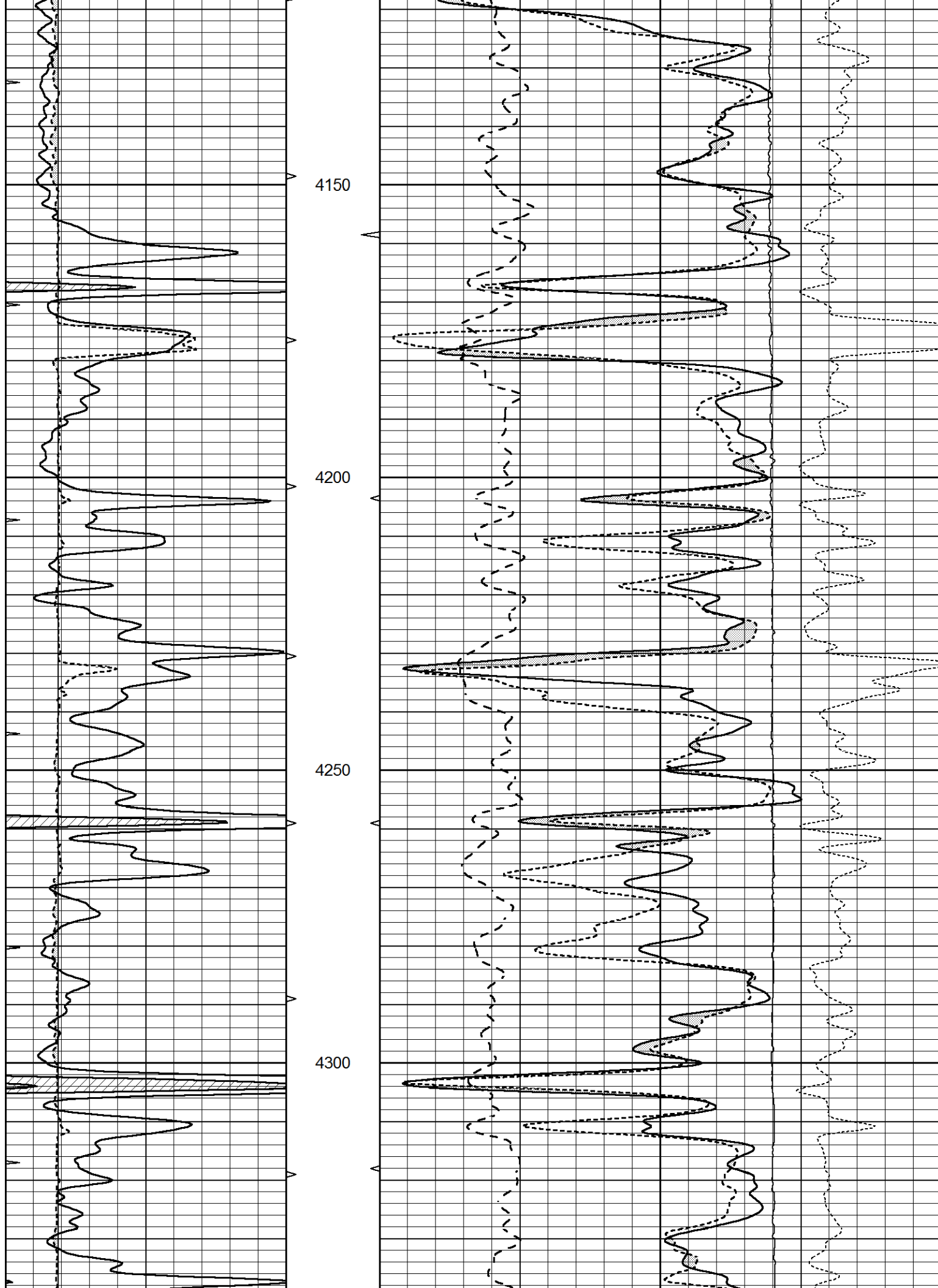
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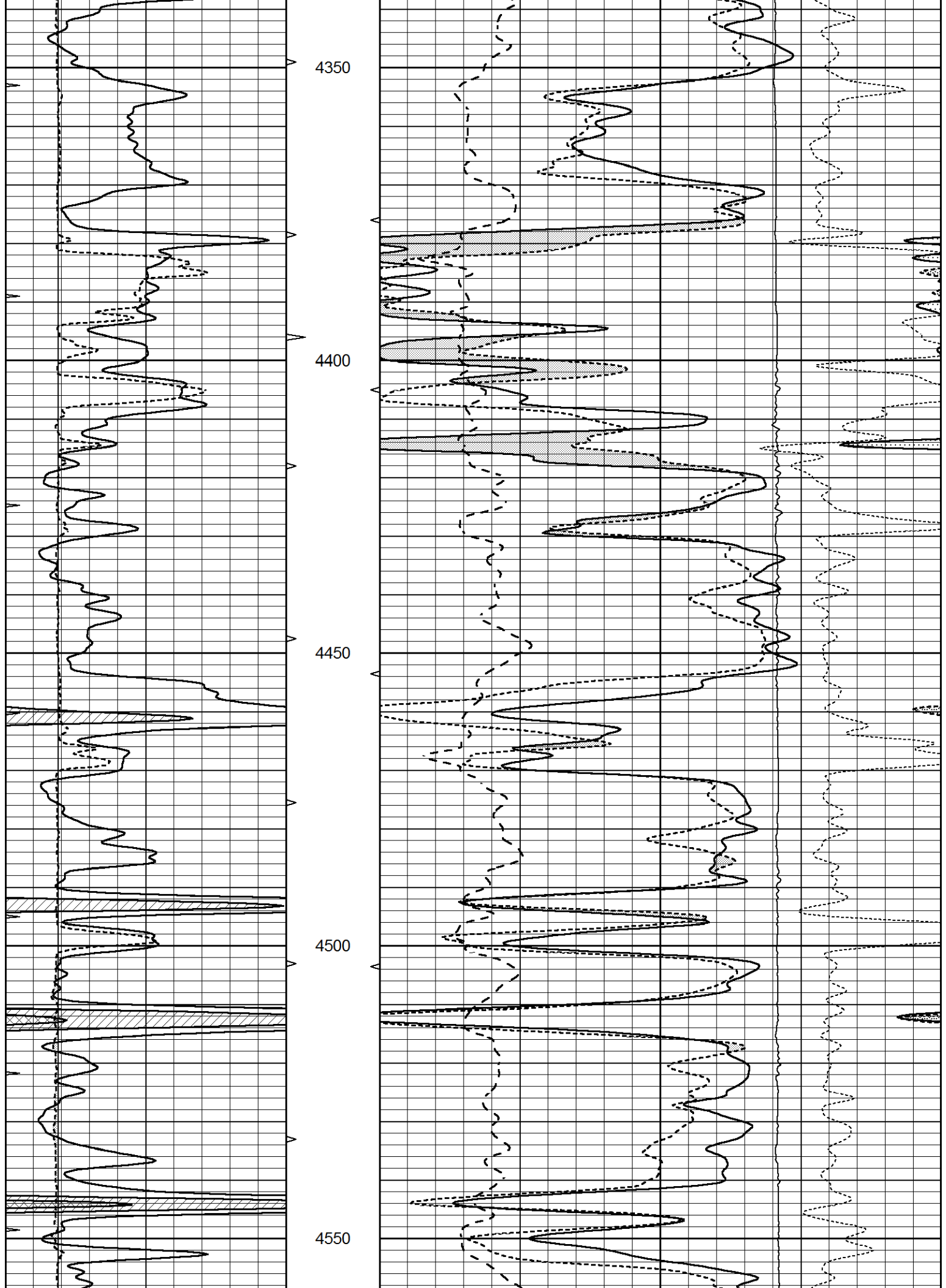
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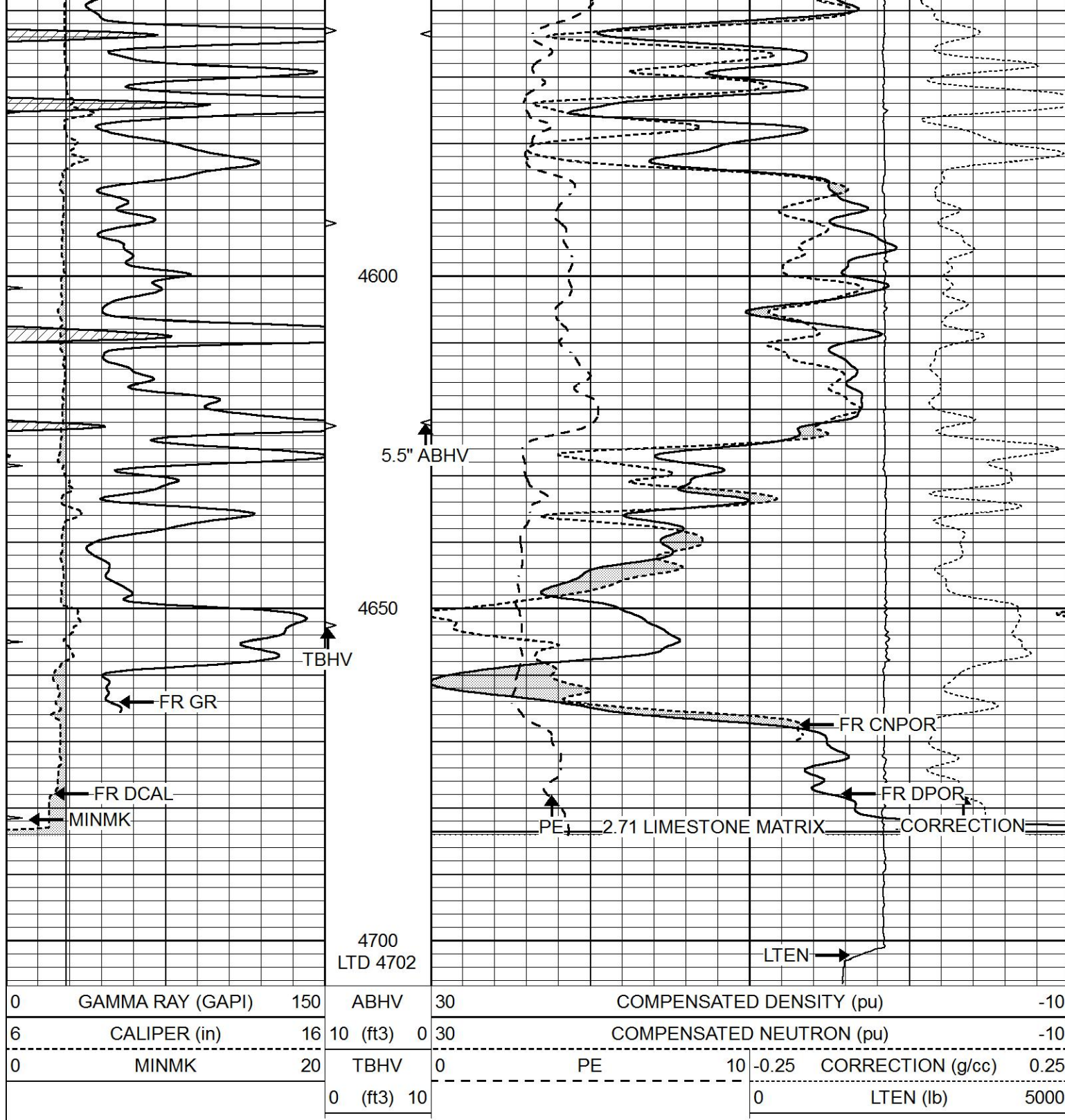
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4100





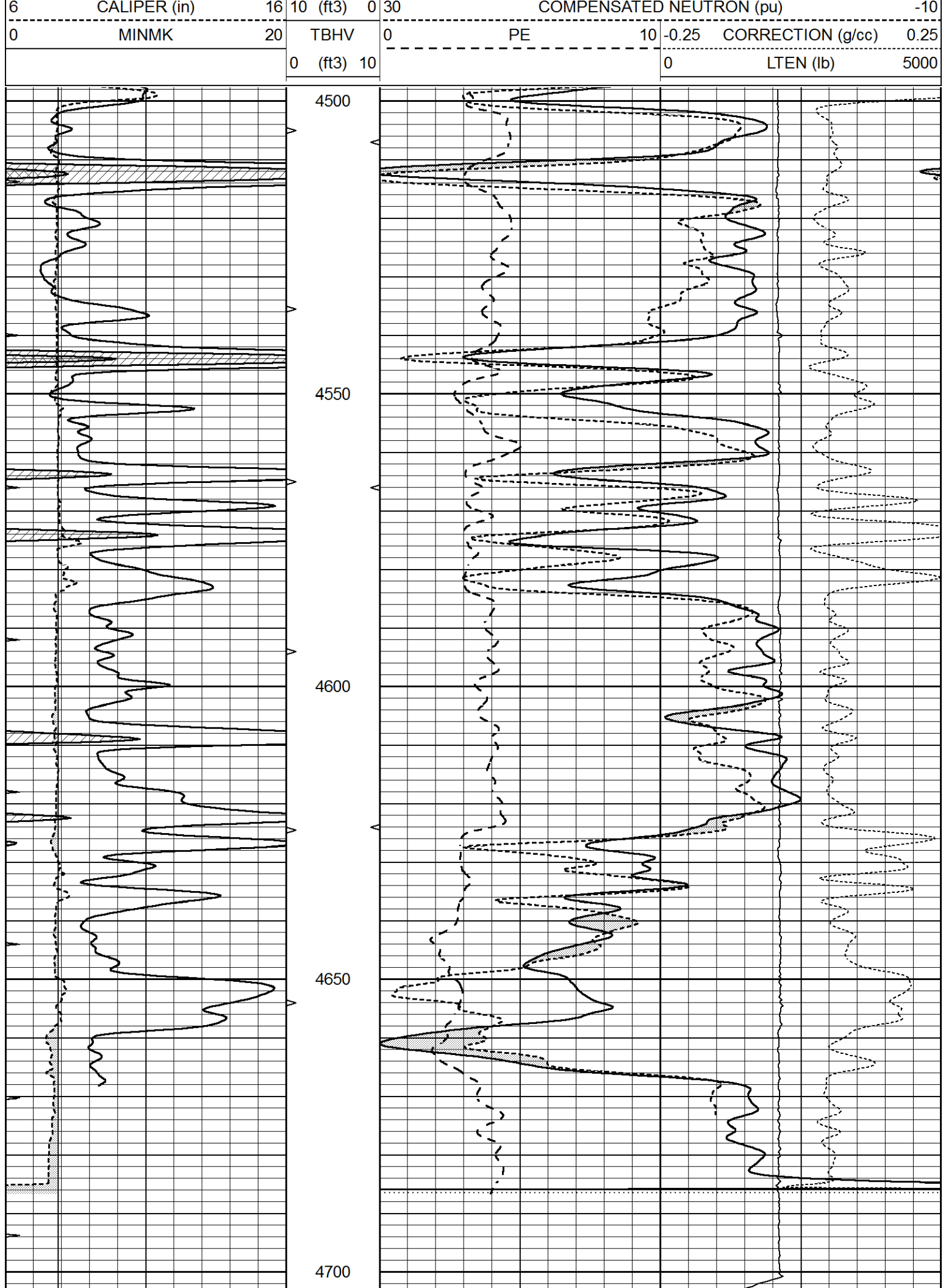




REPEAT SECTION

Database File 8483pe.db
Dataset Pathname pass2.1R
Presentation Format _ldt_neu
Dataset Creation Wed Apr 10 00:04:03 2024
Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
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[illegible]

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	

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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 Mar 20 11:08:27 2024
Calibrator Value:	1.0
	GAPI
Background Reading:	0.0
Calibrator Reading:	1.0

Calibrator Reading:

1.0

cps

Sensitivity:

0.3000

GAPI/cps