

COMPENSATED
DENSITY / NEUTRON
PE LOG

Company	RED OAK ENERGY, INC.	Company	RED OAK ENERGY, INC.
Well	EQUINOX #1-4	Well	EQUINOX #1-4
Field	UNNAMED	Field	UNNAMED
County	GREELEY	County	GREELEY
State	KANSAS	State	KANSAS
Location:	API # : 15-071-20899-0000 1545' FNL & 1545' FWL NW - NW - SE - NW	Other Services	DIL
Permanent Datum	GROUND LEVEL	Elevation	3851
Log Measured From	KELLY BUSHING 8' A.G.L.	K.B.	3859
Drilling Measured From	KELLY BUSHING	D.F.	3857
		G.L.	3851
Date	2/21/22		
Run Number	ONE		
Depth Driller	5250		
Depth Logger	5242		
Bottom Logged Interval	5218		
Top Log Interval	3800		
Casing Driller	8 5/8"@351'		
Casing Logger	351		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4,100 PPM	
Density / Viscosity	9.2/56		
pH / Fluid Loss	10.0/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.700@80F		
Rmf @ Meas. Temp	.525@80F		
Rmc @ Meas. Temp	.840@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.441@127F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	6:15 P.M.		
Maximum Recorded Temperature	127F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	RYAN DAVIS		

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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.

15-071-20899-0000

Comments

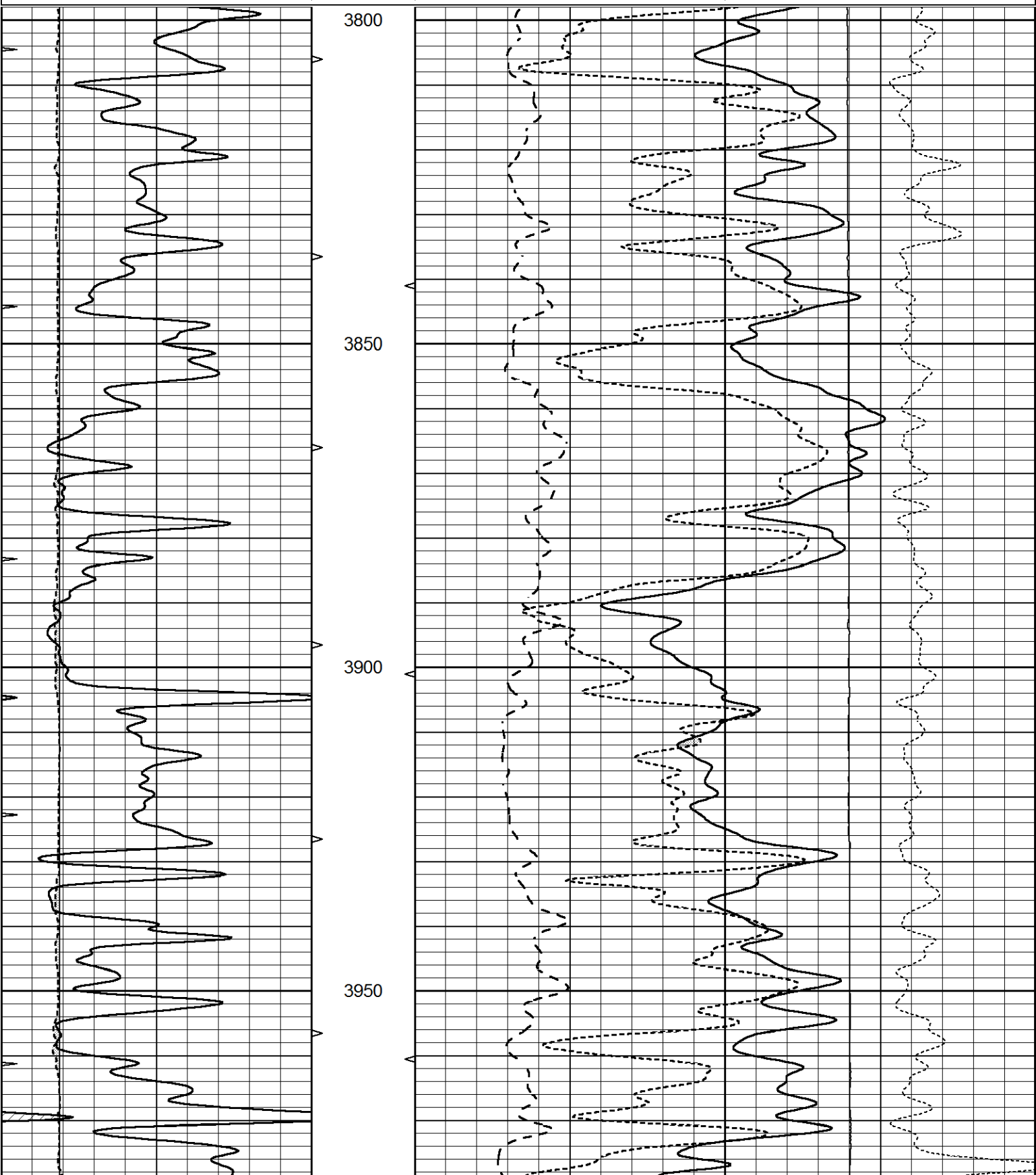
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
SHARON SPRINGS, KS., 17S. ON HWY 27 TO "RD. D", 11W. TO "RD. 5", 3 1/2 S., W. INTO

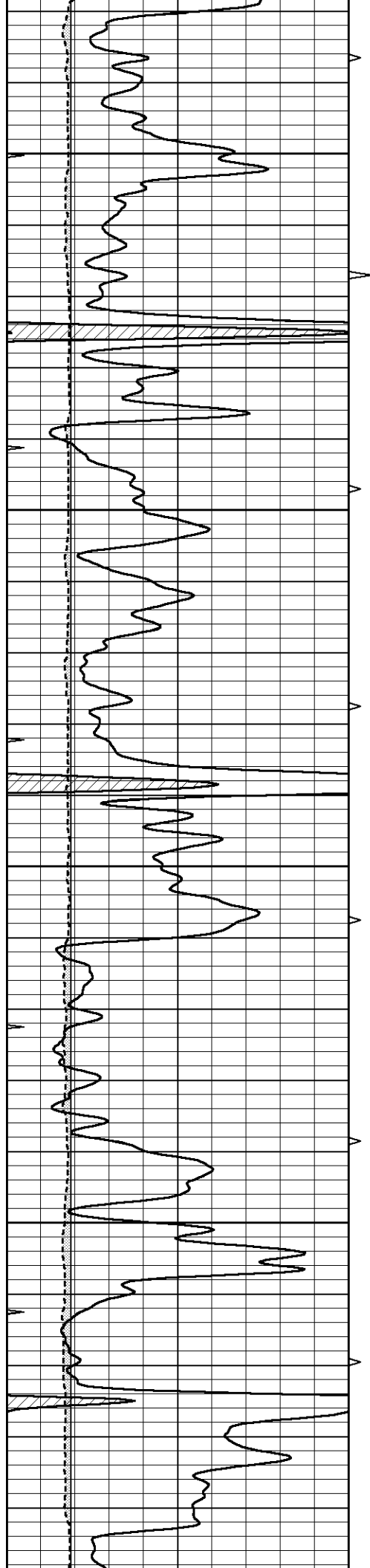


MAIN SECTION

Database File	6253pe.db
Dataset Pathname	pass3.1M
Presentation Format	ldt_neu
Dataset Creation	Mon Feb 21 20:34:29 2022
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



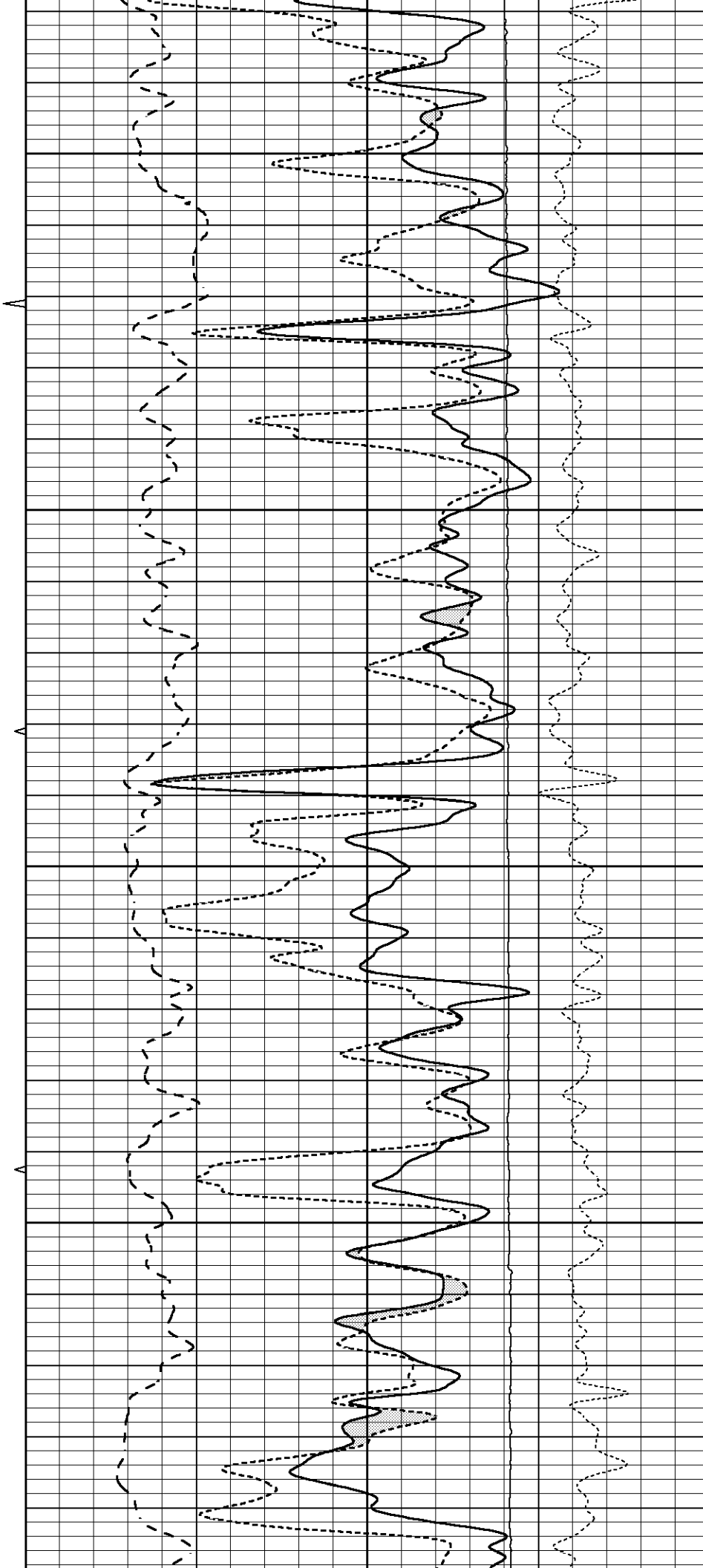


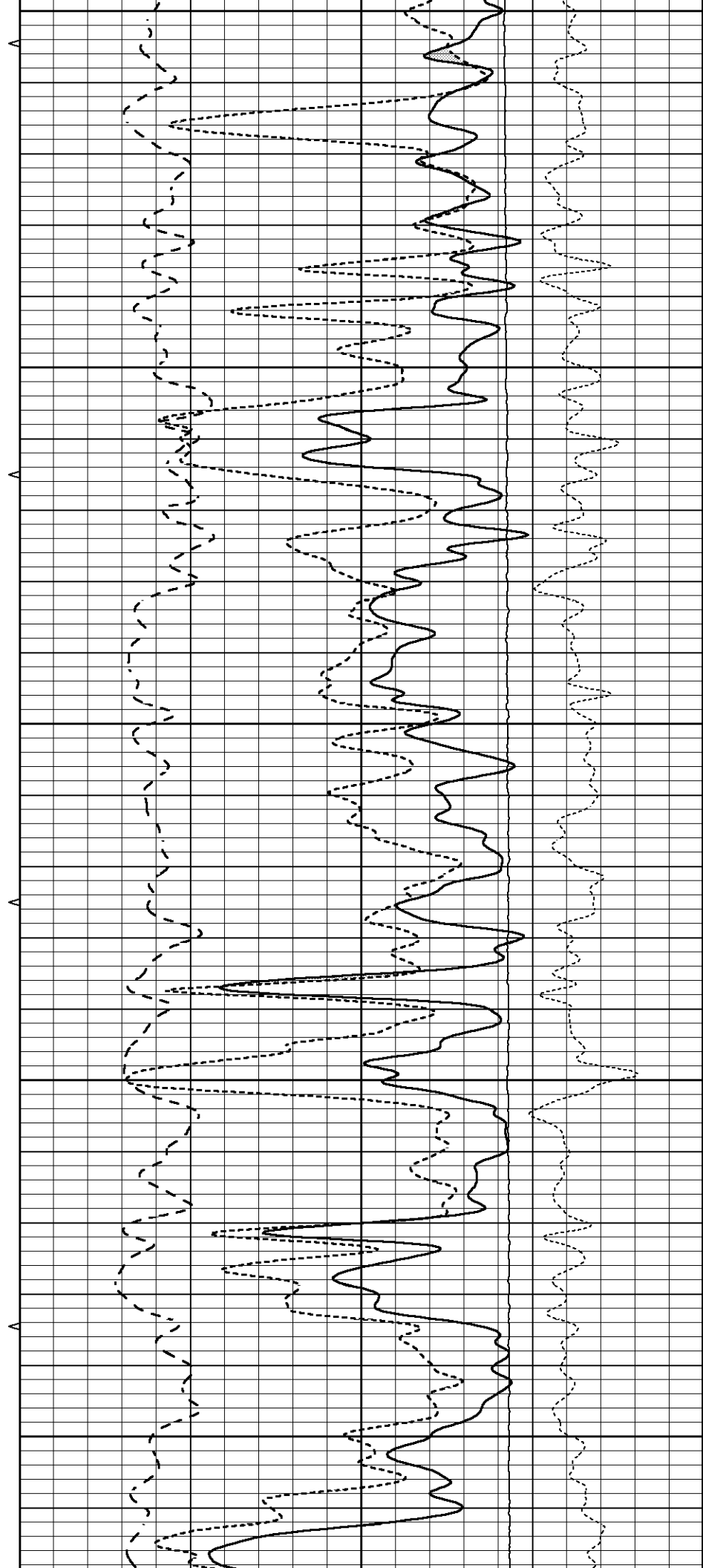
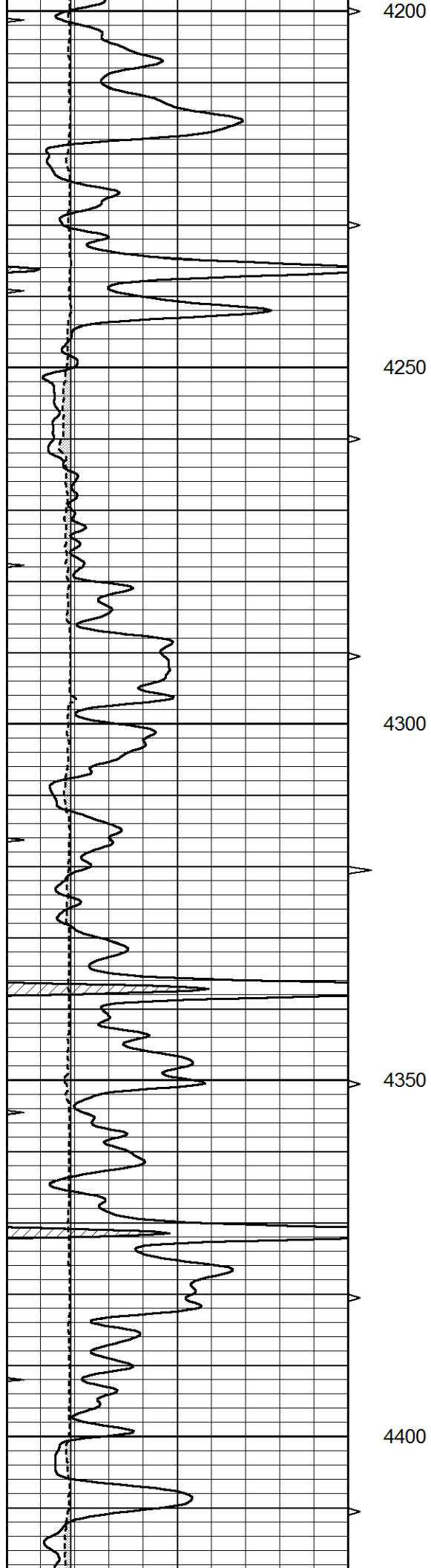
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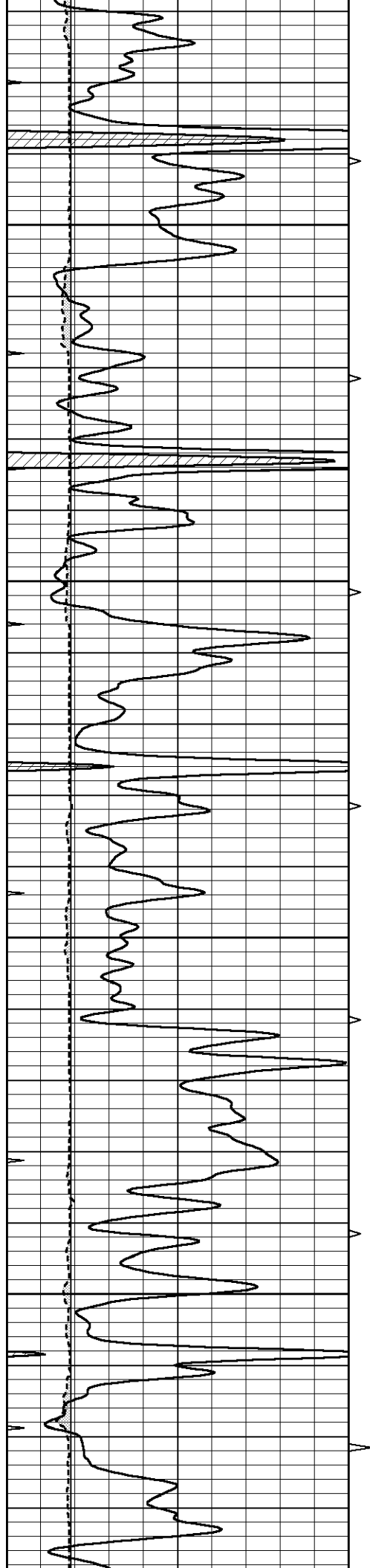
4050

4100

4150





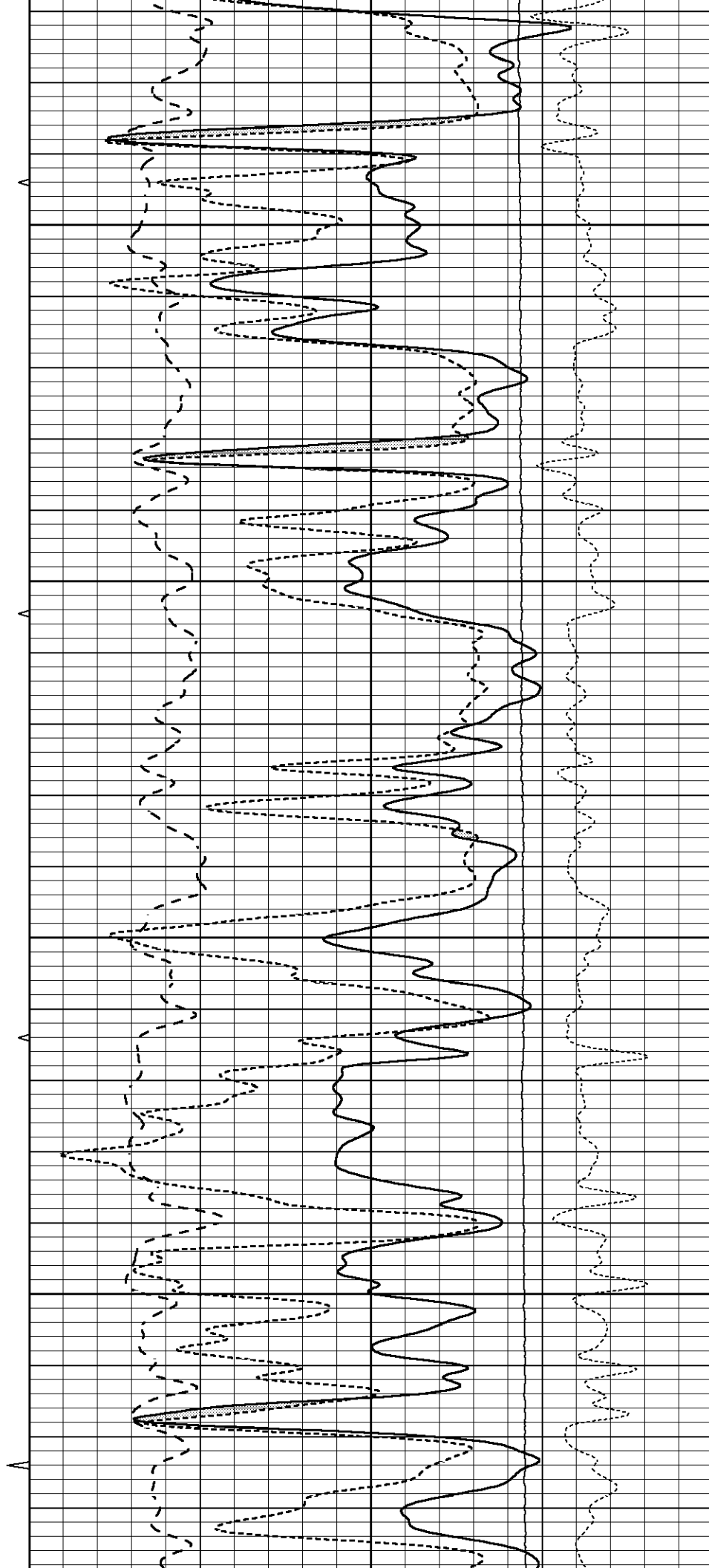


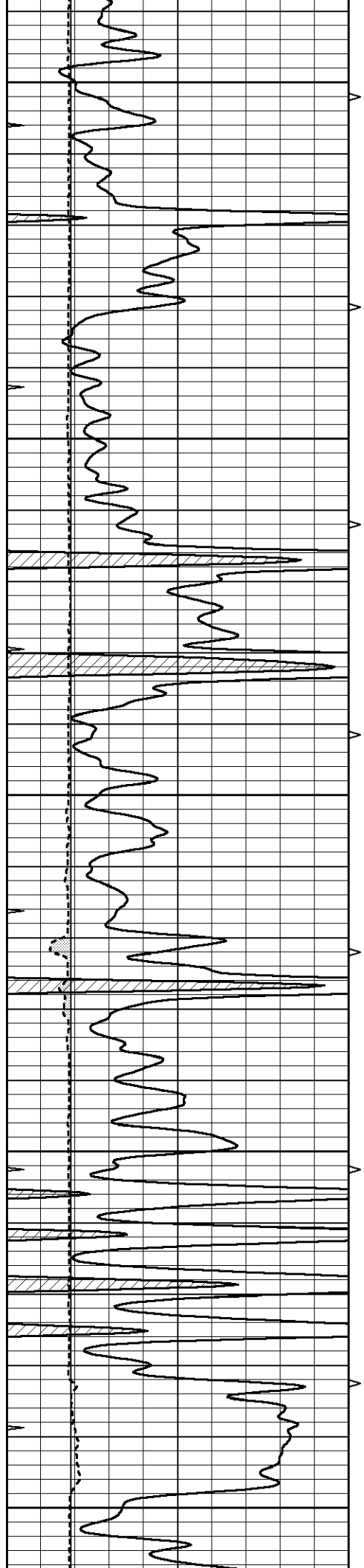
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4500

4550

4600





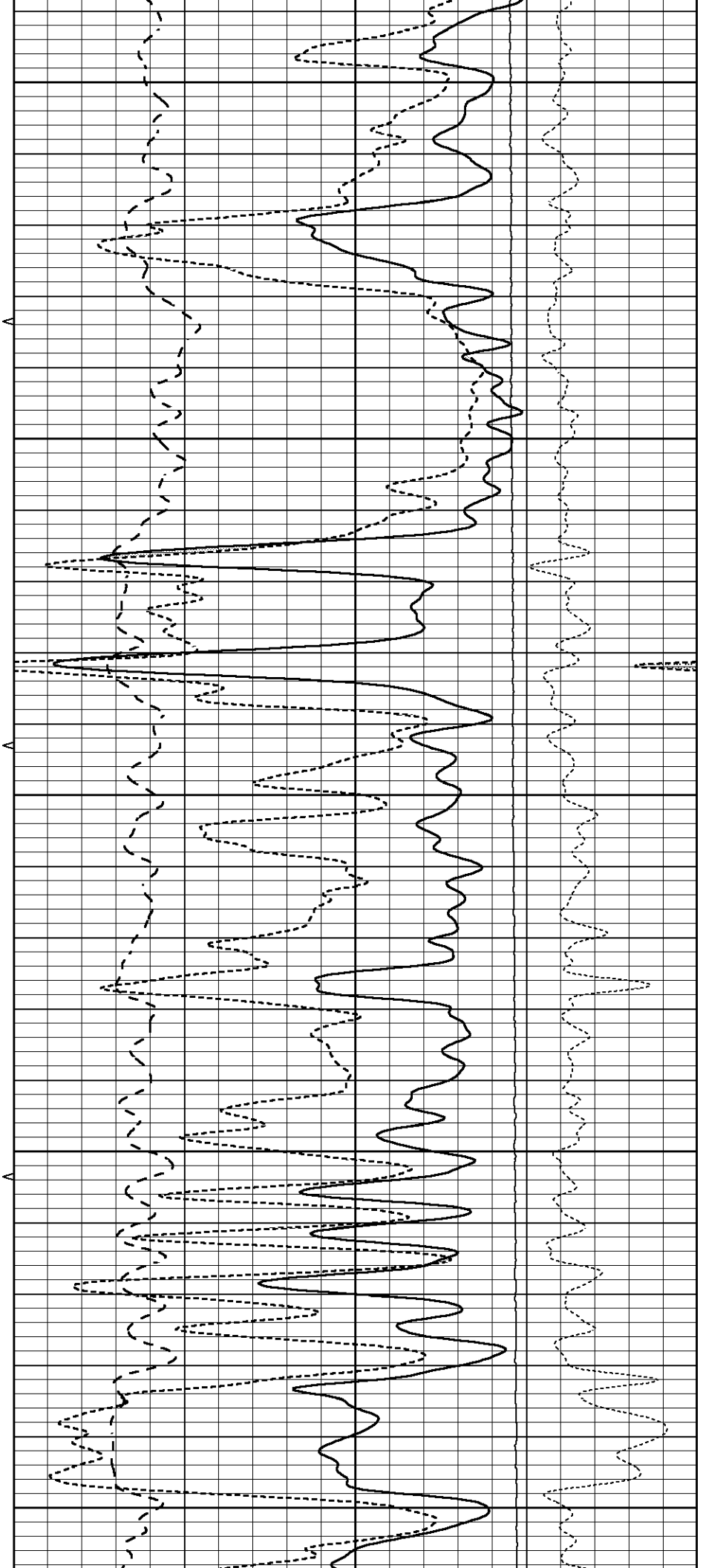
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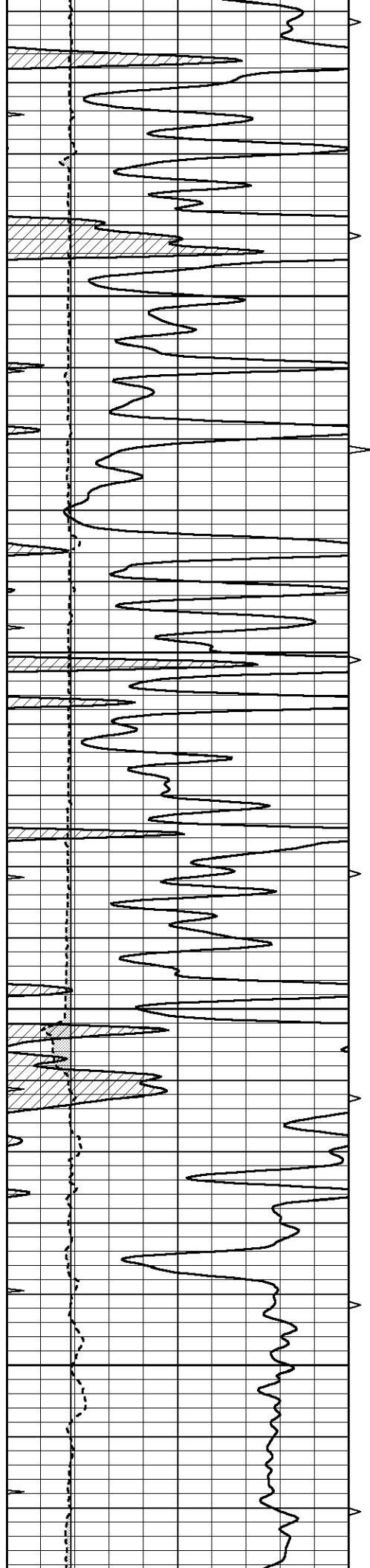
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4800

4850



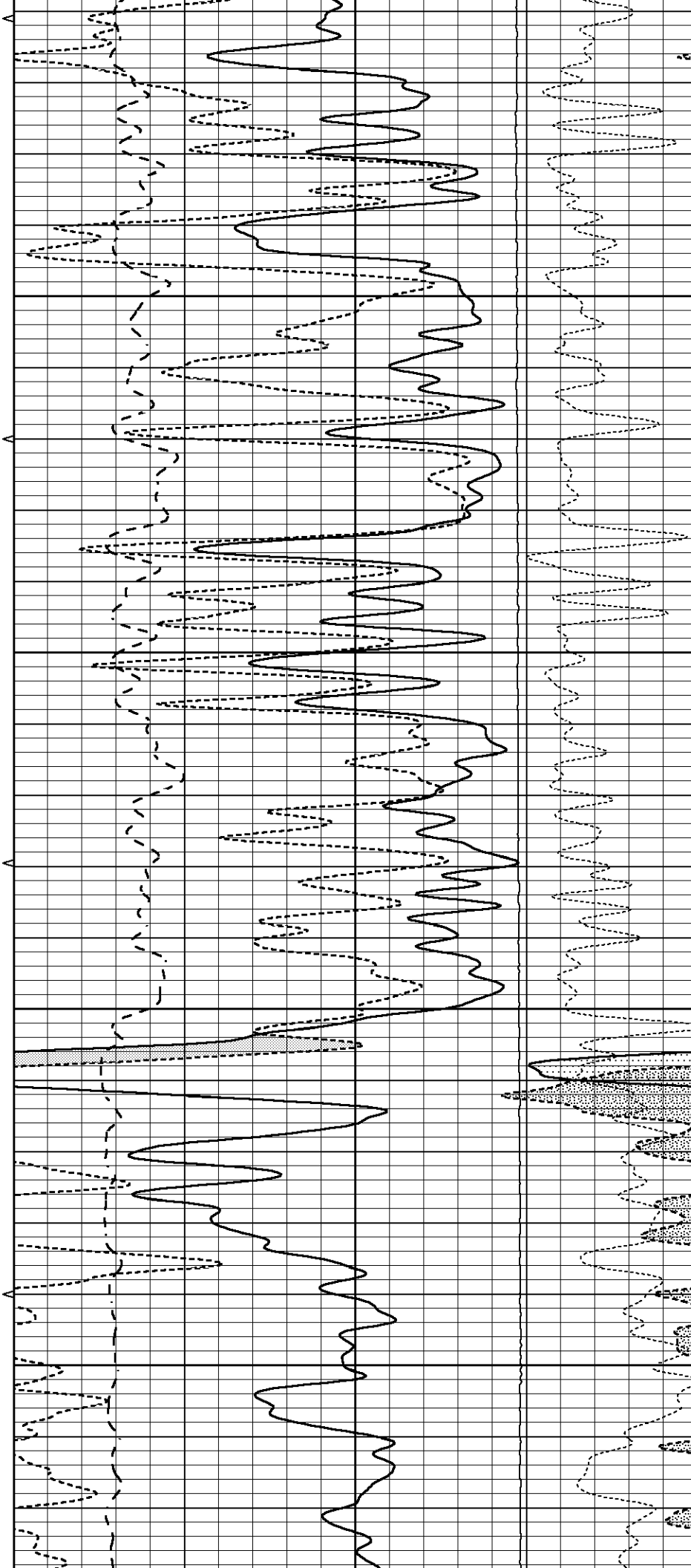


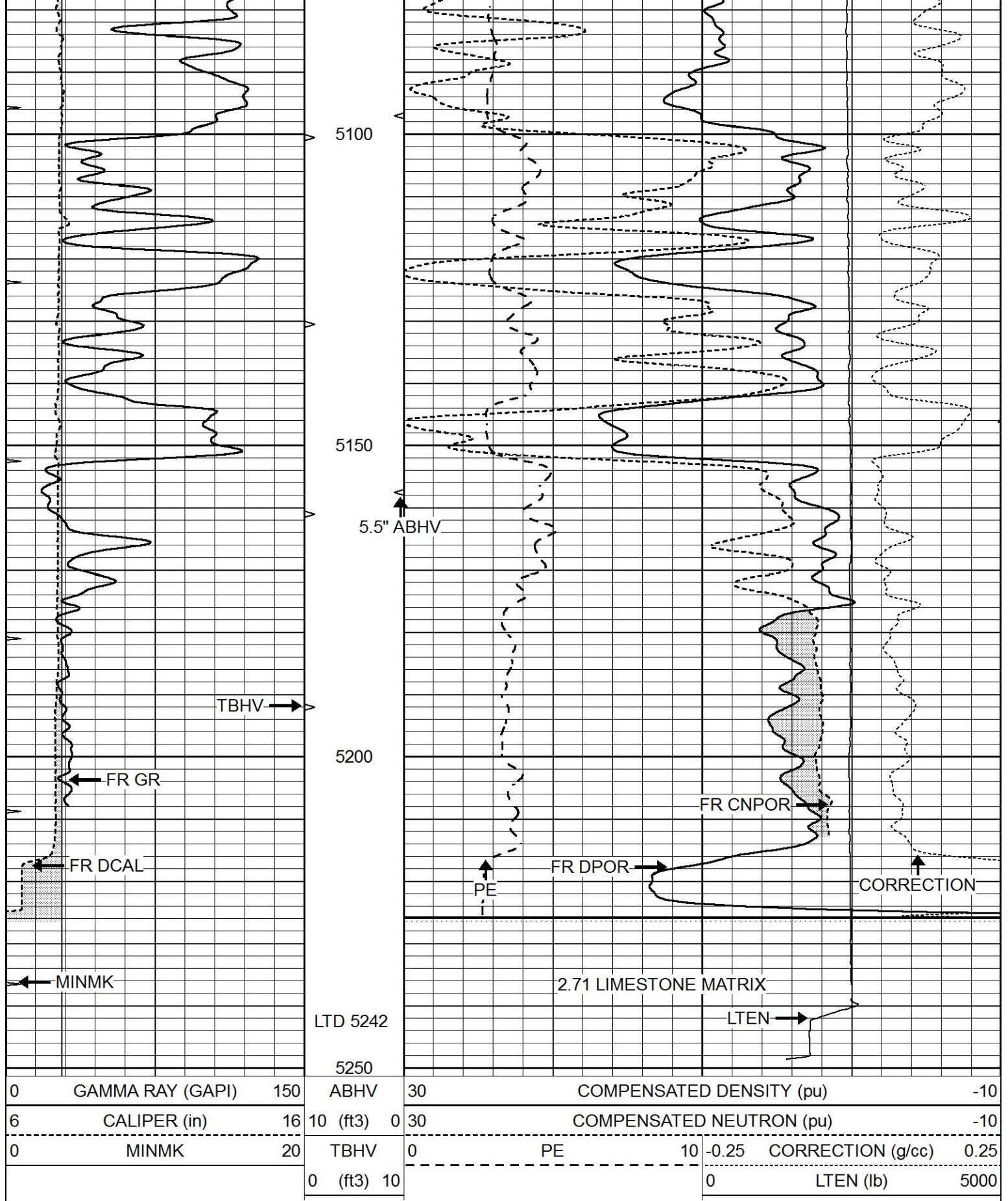
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4950

5000

5050

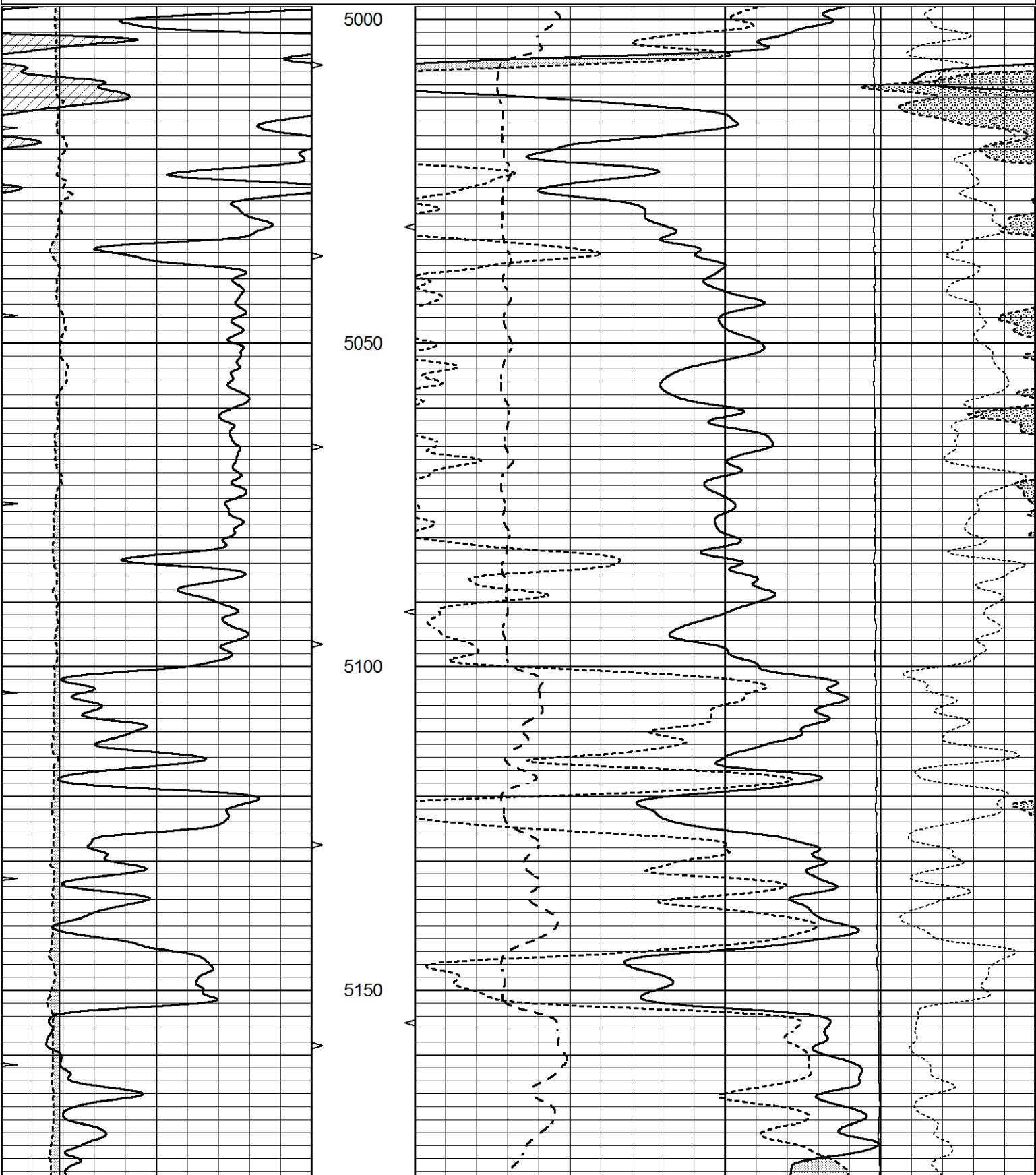


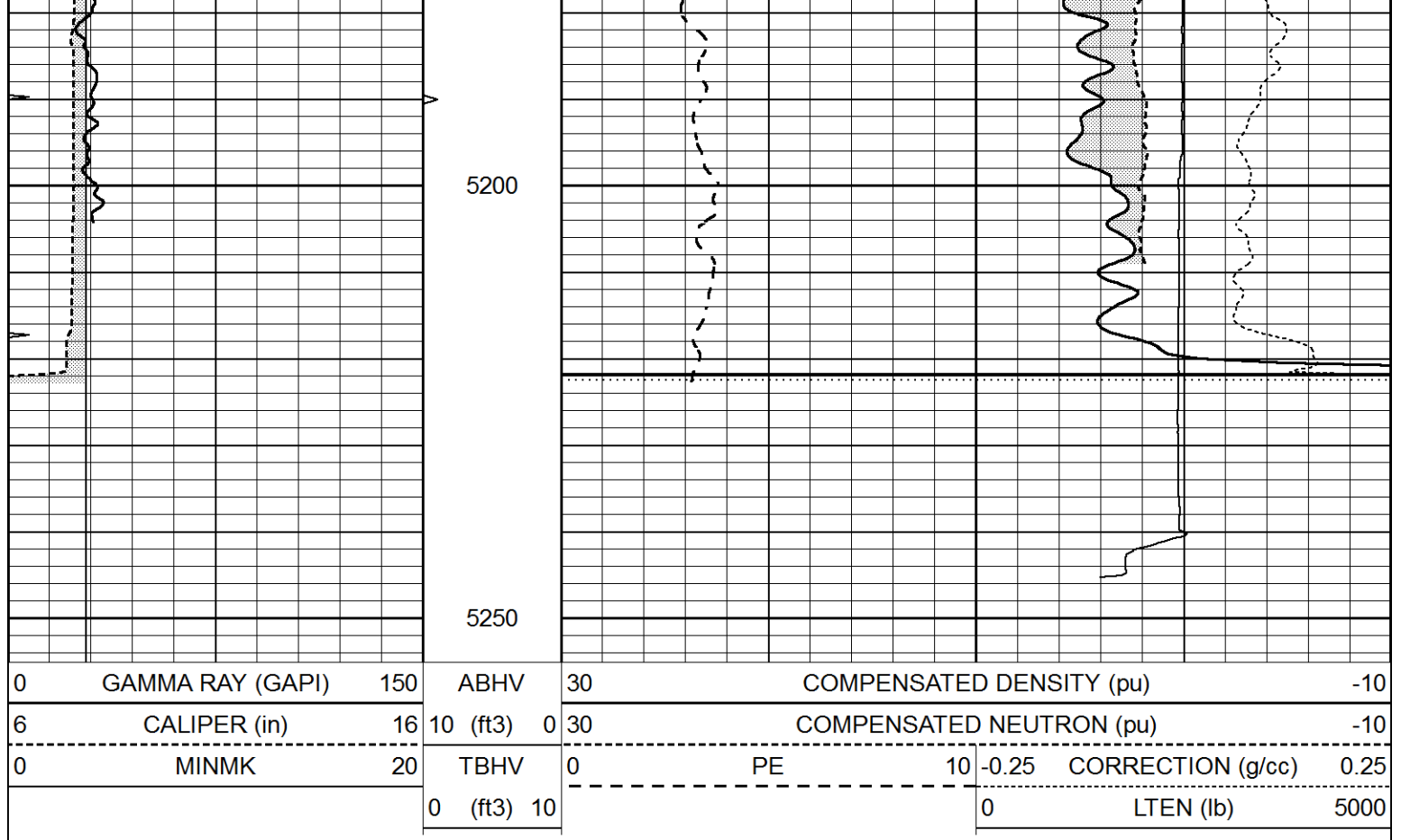


REPEAT SECTION

Database File	6253pe.db
Dataset Pathname	pass2.4
Presentation Format	ldt_neu
Dataset Creation	Mon Feb 21 19:18:24 2022
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





Calibration Report									
Database File	6253pe.db								
Dataset Pathname	pass3.1M								
Dataset Creation	Mon Feb 21 20:34:29 2022								
Dual Induction Calibration Report									
Serial-Model:				PROBE9-DILG					
Surface Cal Performed:				Mon Feb 21 18:55:19 2022					
Downhole Cal Performed:				Wed Mar 11 11:31:19 2020					
After Survey Verification Performed:				Wed Mar 11 11:31:22 2020					
Surface Calibration									
		Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b	
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	720.000	-10.000	
Medium	0.039	0.728	V	0.000	464.000	mmho/m	720.000	-22.000	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256	
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102	
Downhole Calibration									
		Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'	
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000	
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000	
LL3		7.500	V		1400.000	Ohm-m			
		0.000	V		20.000	Ohm-m			
		-7.200	V		4000.000	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		

Master Calibration		Performed Mon May 11 11:33:29 2020			
	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	1593.8	10211.9	3449.0	3132.1	cps
Window 2	1486.7	8824.2	3065.6	2829.4	cps
Window 3	1206.8	4705.7	1944.6	1871.7	cps
Window 4	361.0	367.9	364.8	363.1	cps
Long Space	0.0	7337.5	1578.9	1342.7	cps
Short Space	2.7	2543.4	1657.9	1382.7	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 44.4	Rib Slope	: 0.980	Density/Spine Ratio	: 0.552
Spine Angle	: 74.4	Spine Slope	: 3.590	Spine Intercept	: -19.2

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	

Serial Number:	070808PMC
Tool Model:	NABORS

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:	Sun Feb 20 16:27:35 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2800	GAPI/cps	