

COMPENSATED
DENSITY/NEUTRON
PE/LOG

Company	PALOMINO PETROLEUM	Company	PALOMINO PETROLEUM
Well	BEAVER #1	Well	BEAVER #1
Field	BEAVER SOUTH	Field	BEAVER SOUTH
County	BARTON	County	BARTON
State	KANSAS	State	KANSAS
Location:	API # : 15-009-26315-0000	Other Services	DIL ML
Permanent Datum	SEC 20 TWP 16S RGE 12W	Elevation	
Log Measured From	GROUND LEVEL Elevation 1921	K.B. 1932	
Drilling Measured From	KELLY BUSHING 11' A.G.L.	D.F. 1930	
	KELLY BUSHING	G.L. 1921	
Date	11/11/21		
Run Number	ONE		
Depth Driller	3452		
Depth Logger	3452		
Bottom Logged Interval	3432		
Top Log Interval	2000		
Casing Driller	8 5/8" @ 456		
Casing Logger	456		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.1/55		
pH / Fluid Loss	10.5/6.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.1 @ 60F		
Rmf @ Meas. Temp	.83 @ 60F		
Rmc @ Meas. Temp	1.32 @ 60F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.59 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	111F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	ANDREW STENZEL		

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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, HAYS, KS. (785) 628-6395

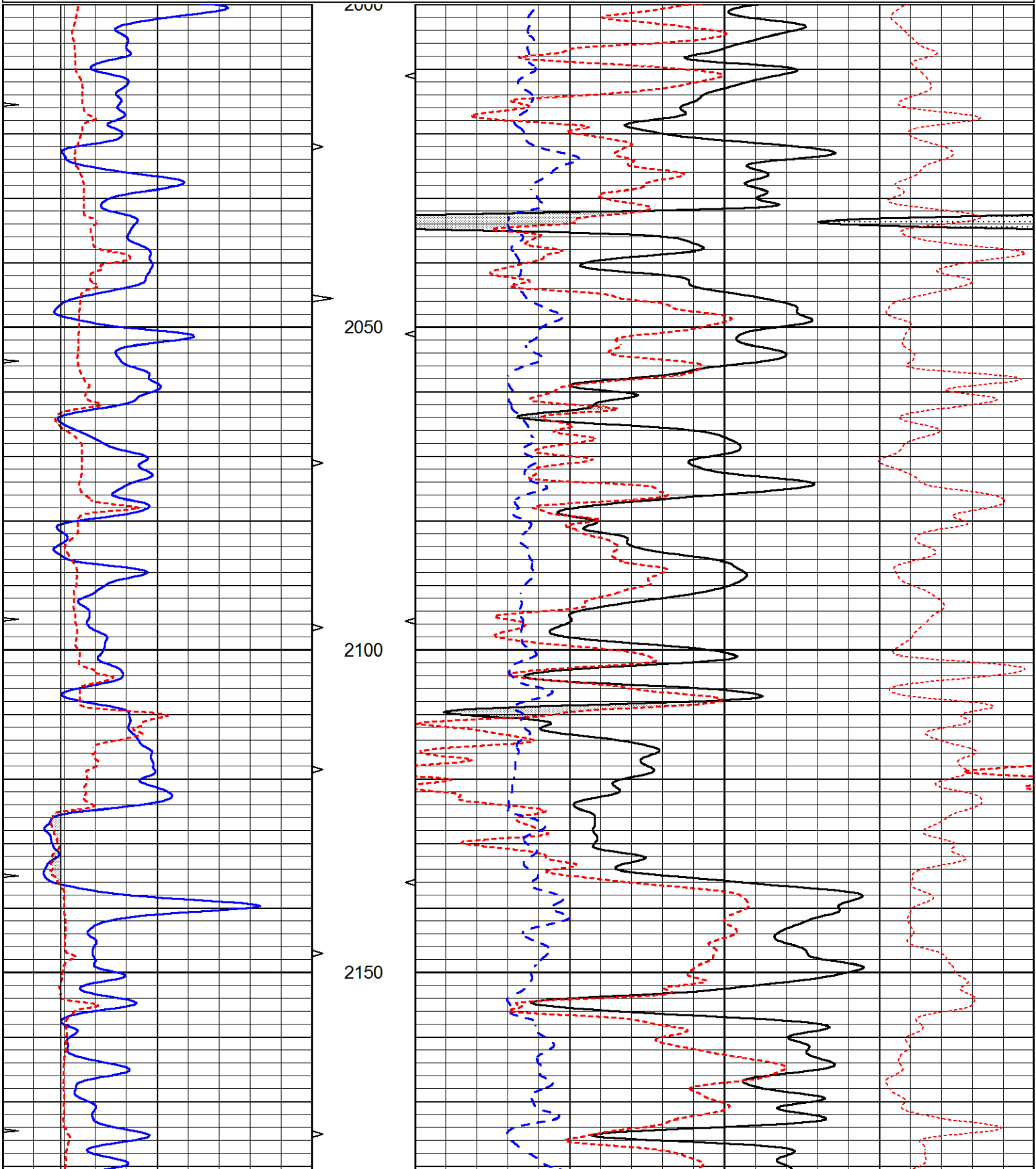
DIRECTIONS:MIDDLE OF BEAVER(WEST OF OLD SCHOOL)

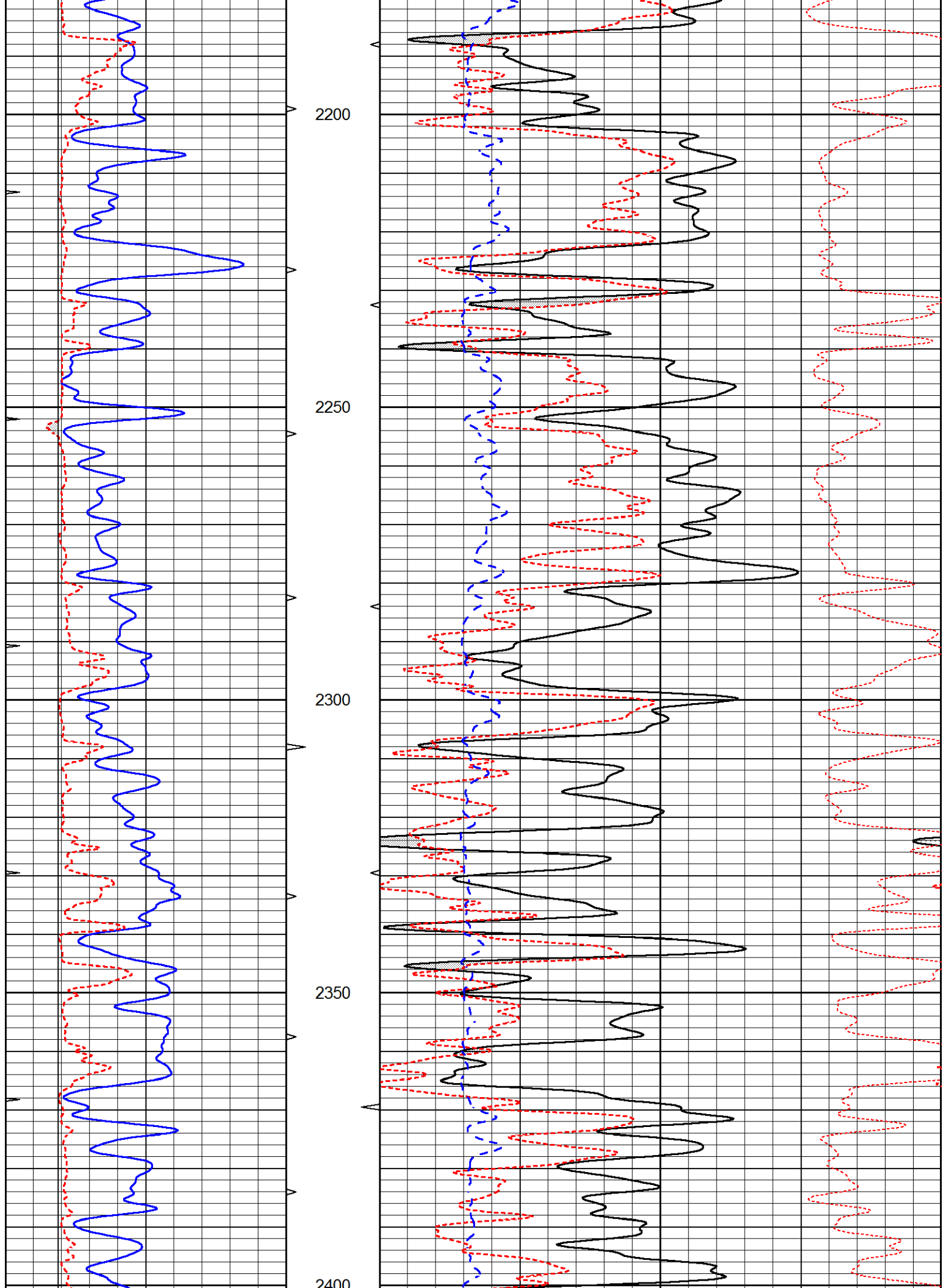


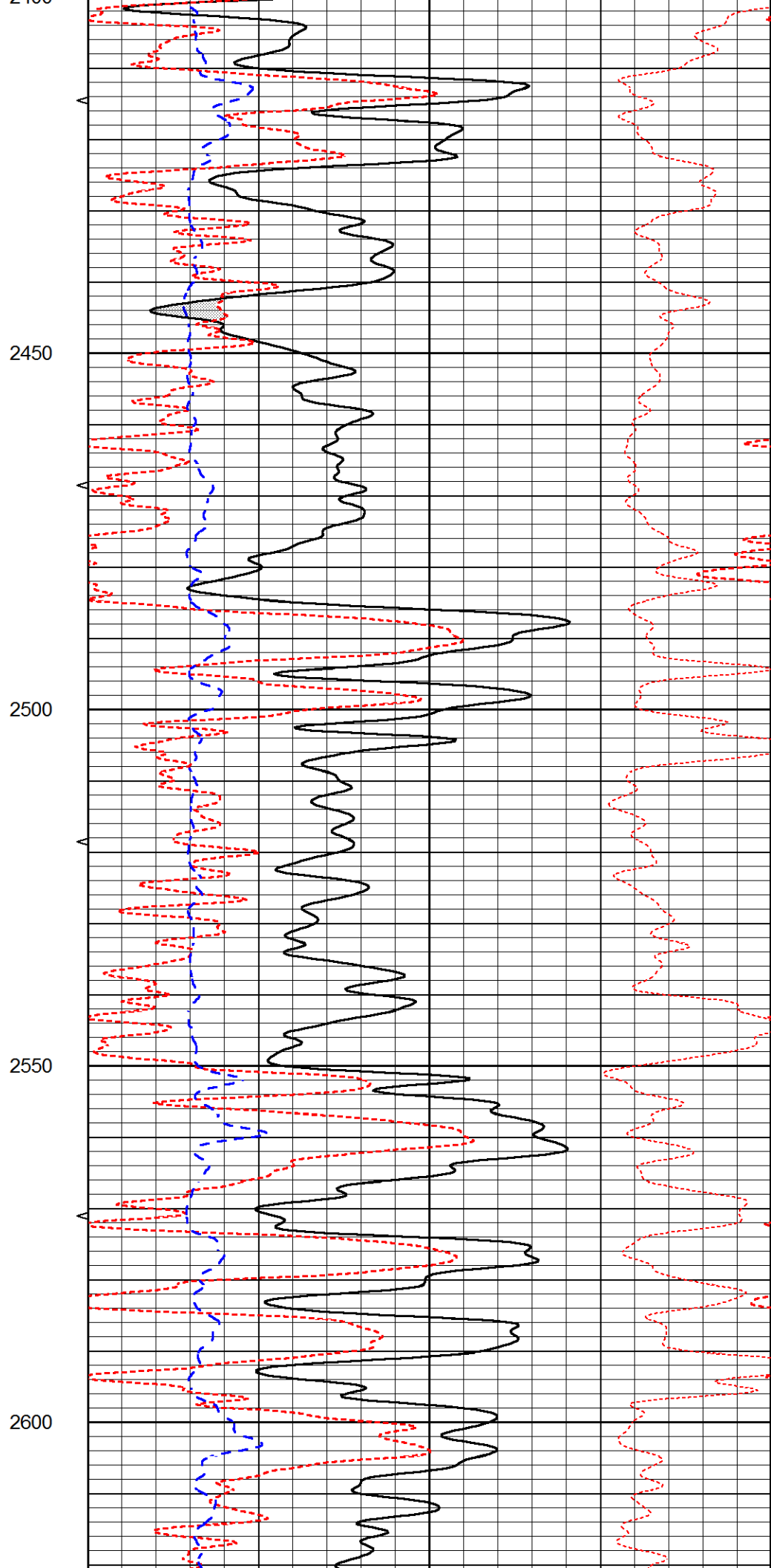
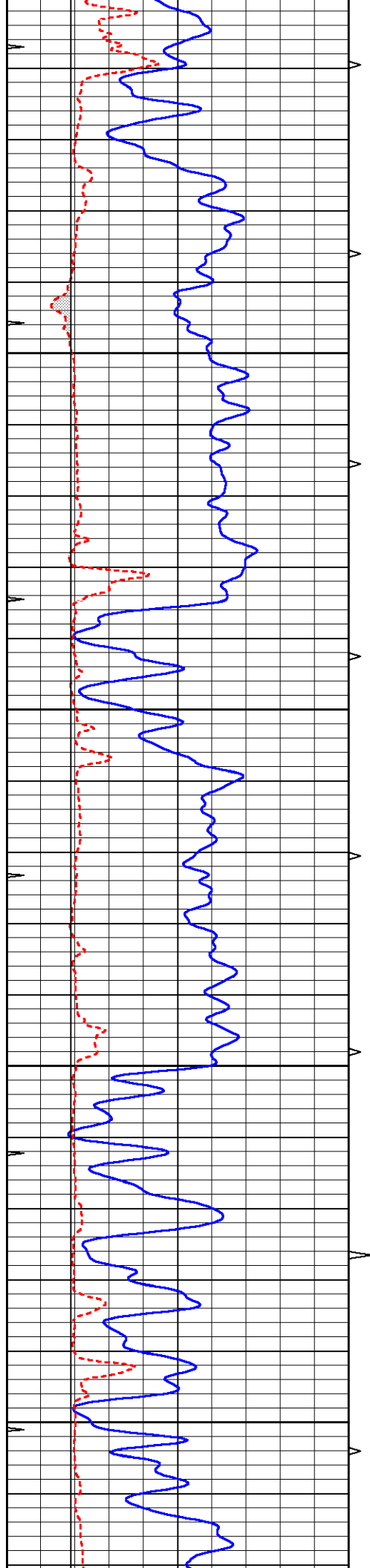
MAIN PASS

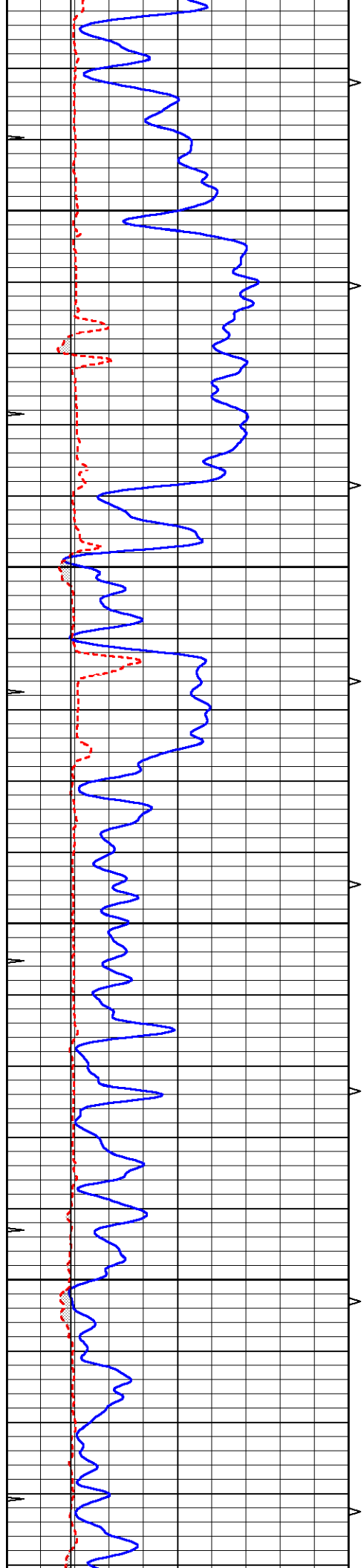
Database File	5891ddn.db
Dataset Pathname	pass3.1
Presentation Format	_ldt_neu
Dataset Creation	Thu Nov 11 10:20:53 2021
Charted by	Depth in Feet scaled 1:240

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







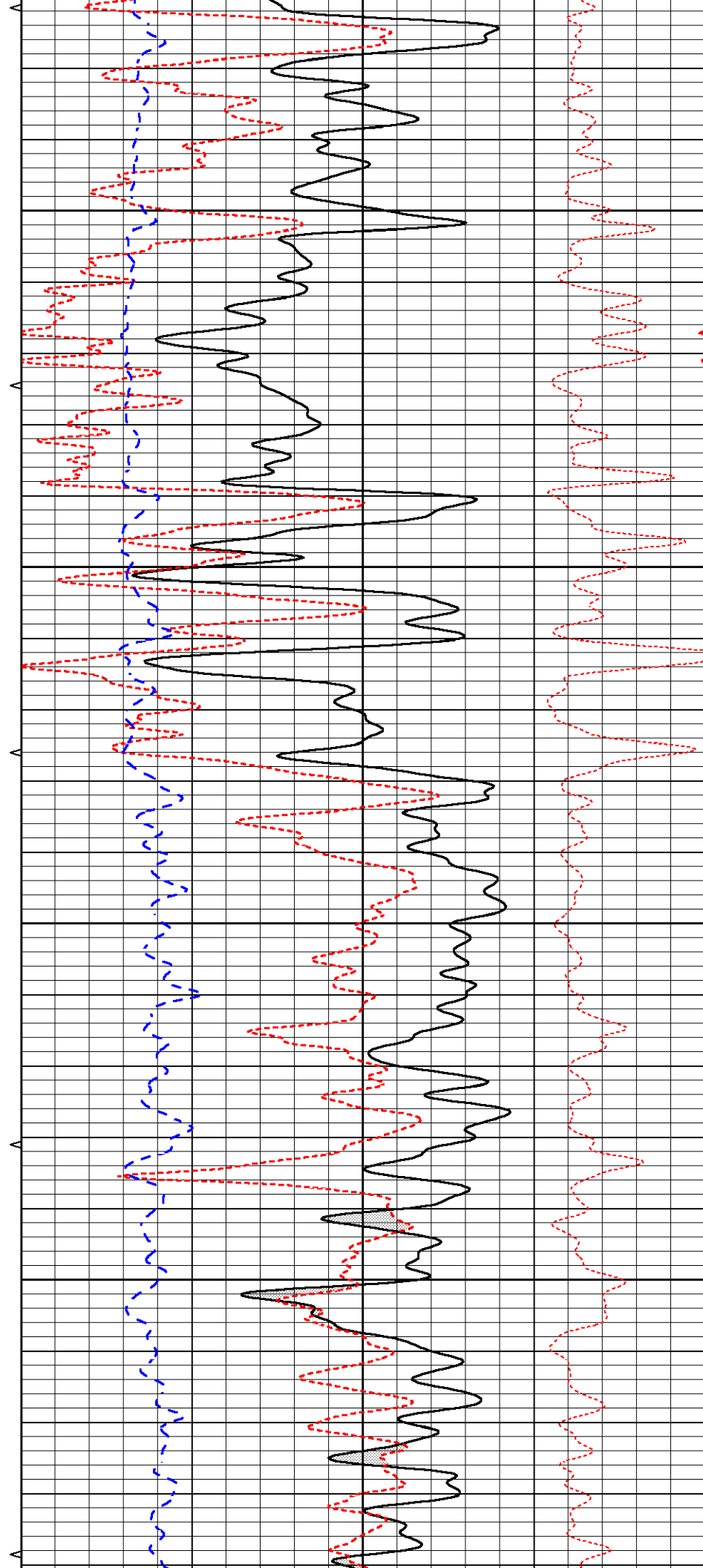


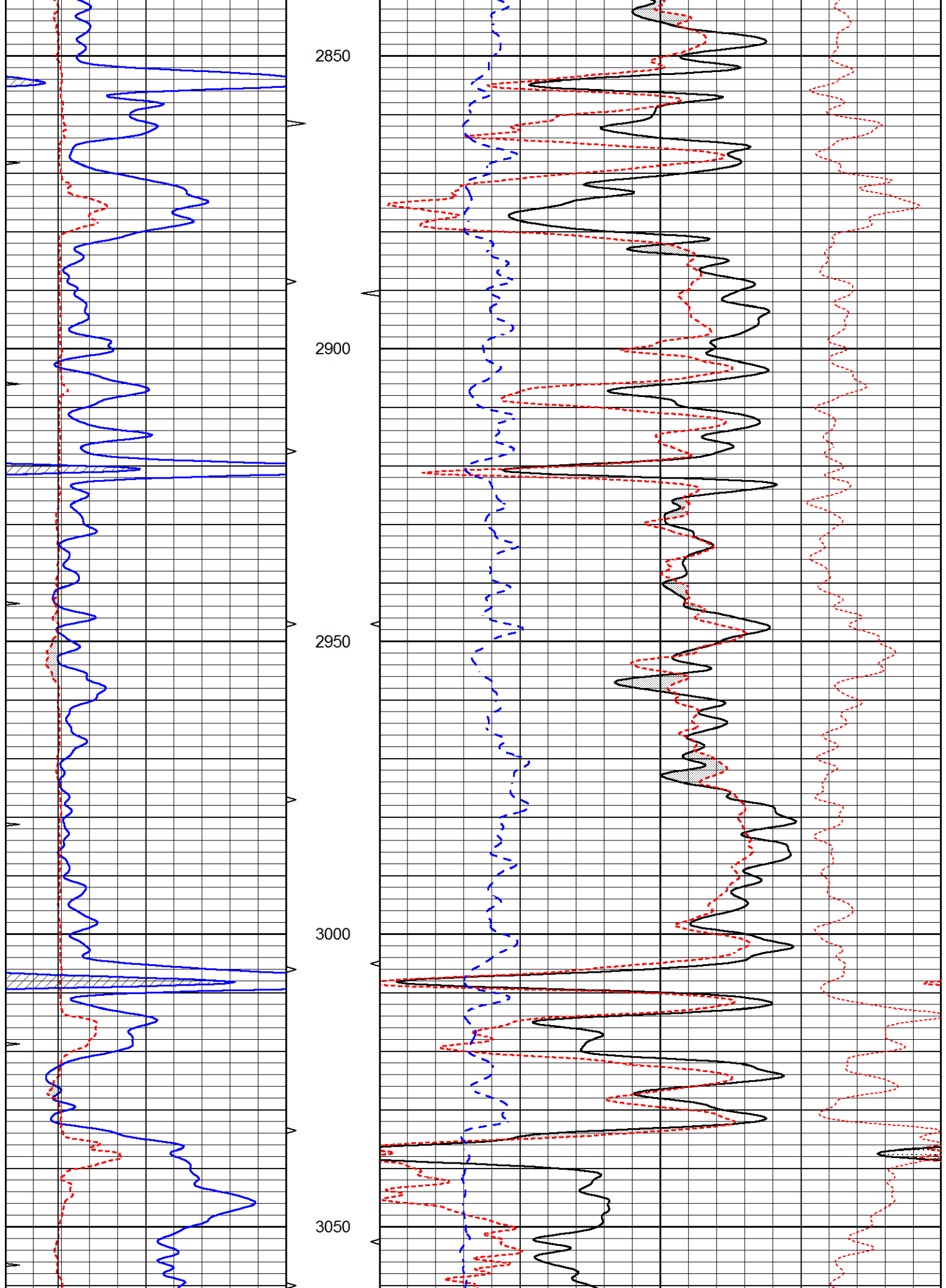
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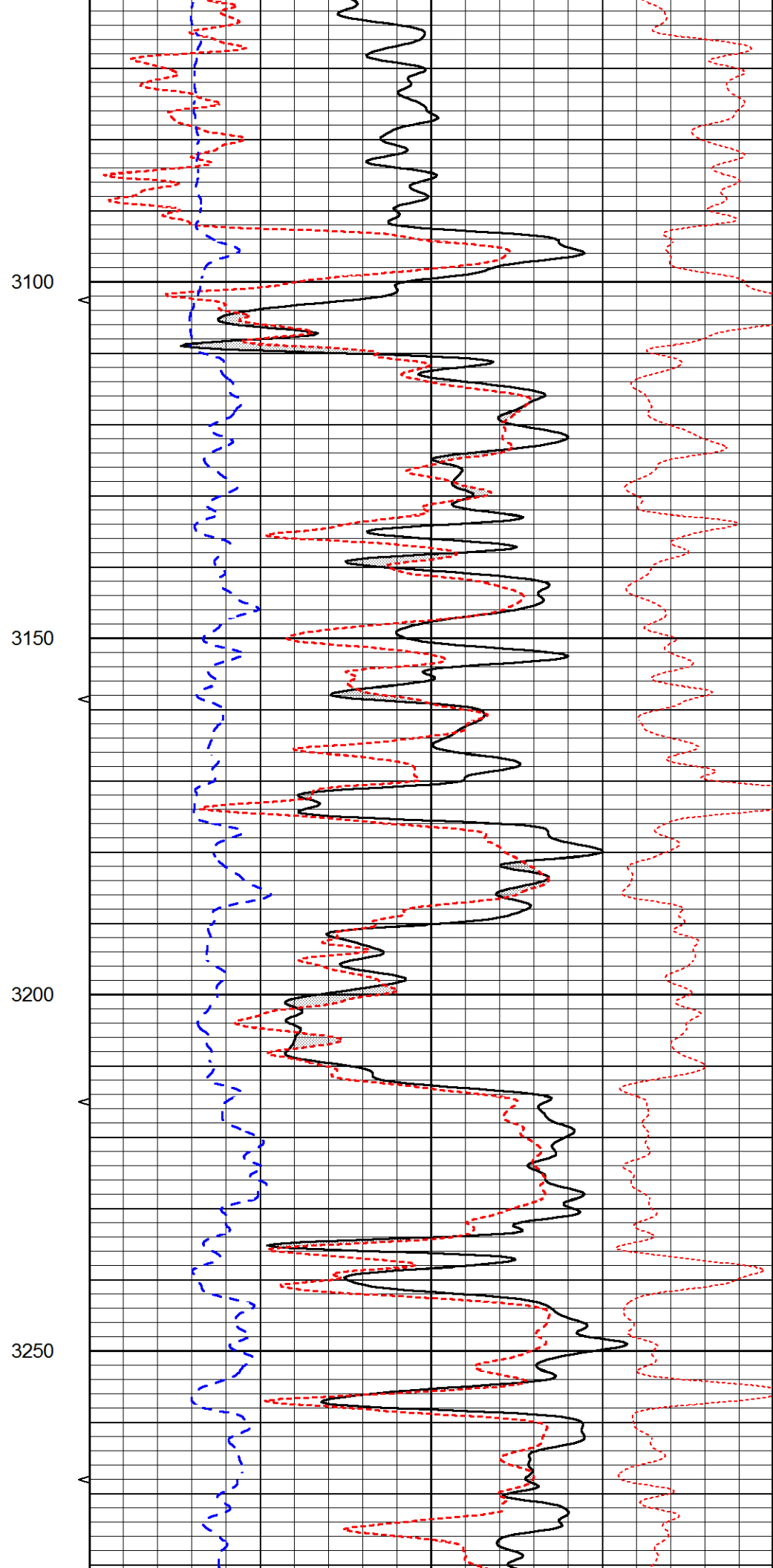
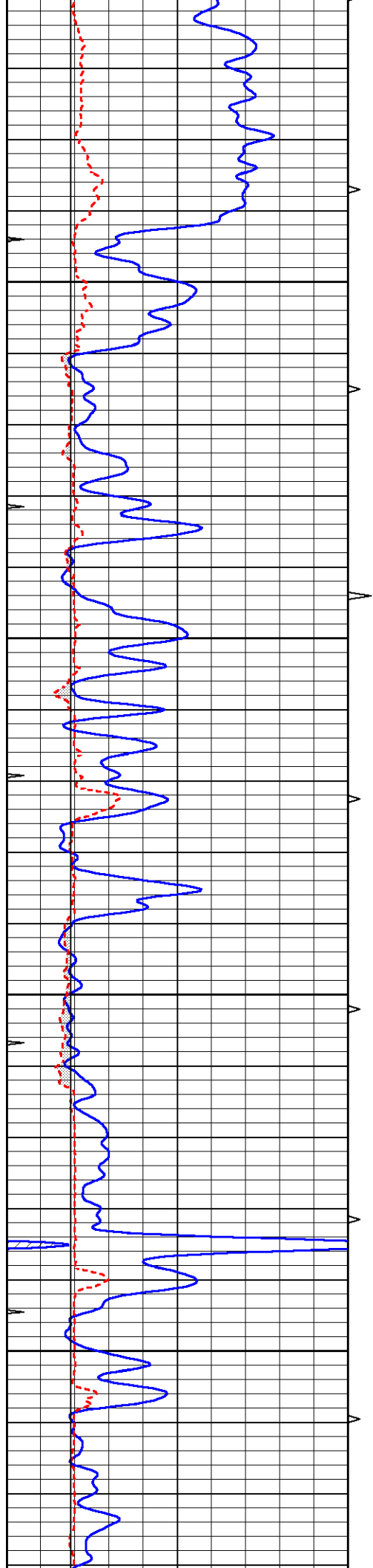
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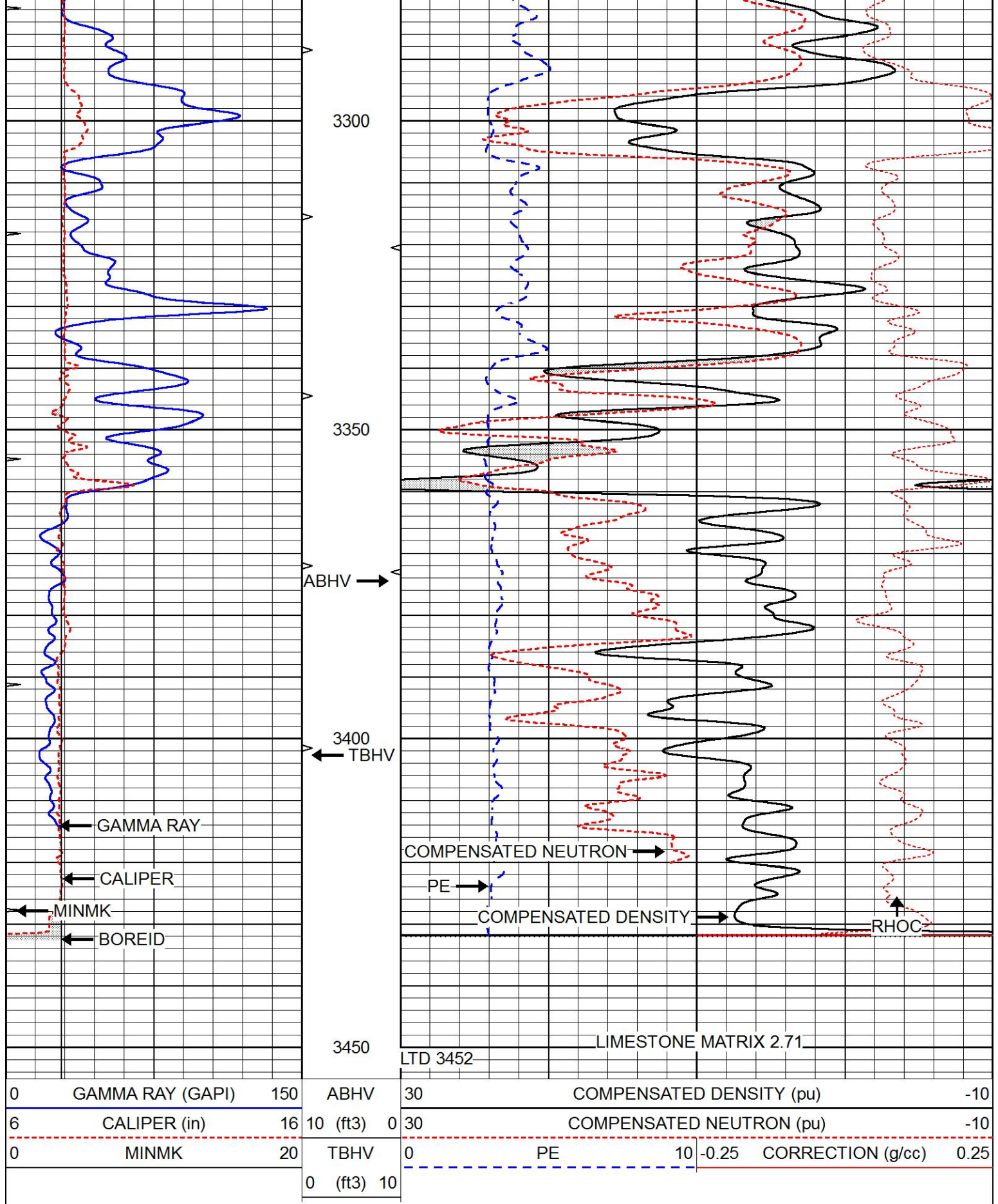
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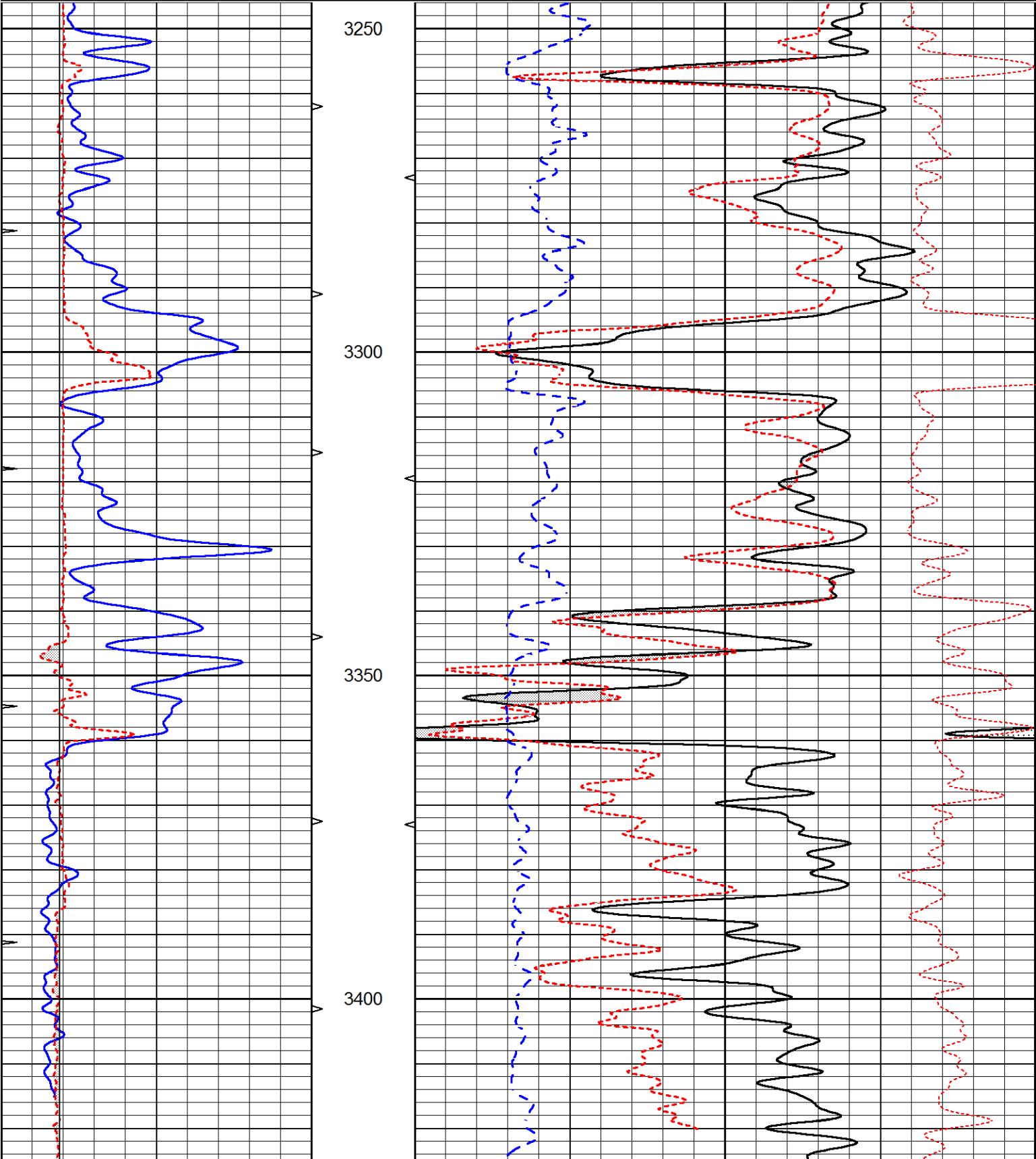


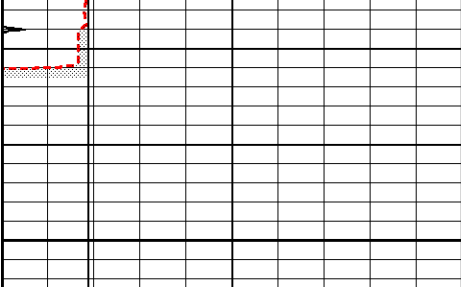
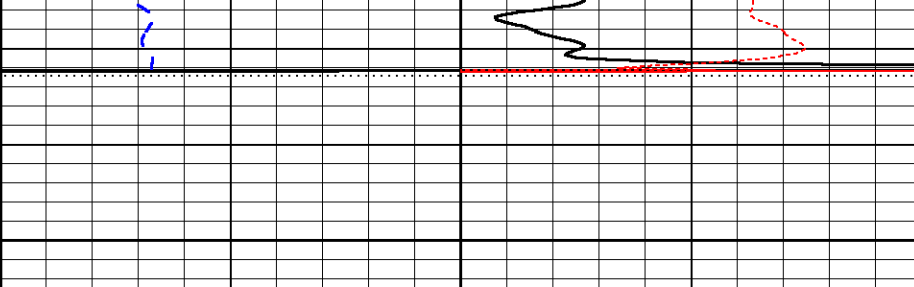




REPEAT SECTION

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			



						
3450						
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 (ft3) 10	-0.25	CORRECTION (g/cc)	0.25

Calibration Report	
Database File	5891ddn.db
Dataset Pathname	pass2.1
Dataset Creation	Thu Nov 11 09:50:59 2021

Dual Induction Calibration Report

Serial-Model:	DIL4-GEAR
Surface Cal Performed:	Tue Mar 01 11:19:26 2011
Downhole Cal Performed:	Tue Sep 25 17:01:29 2001
After Survey Verification Performed:	Sat Jun 11 16:07:12 2005

Surface Calibration								
Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.008	0.666	V	0.000	400.000	mmho/m	470.000	-6.000
Medium	-0.003	0.769	V	0.000	462.500	mmho/m	460.000	-3.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.013	0.651	V	0.000	400.000	mmho/m	627.541	-8.365
Medium	0.020	0.754	V	0.000	462.500	mmho/m	630.311	-12.549

Downhole Calibration								
Internal:	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Deep	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
Shallow	2.525	0.026	V	500.000	2.000	Ohm-m	220.000	-2.800

After Survey Verification								
Internal:	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Litho Density Calibration Report	
Serial: 002N	Model: PRB

Master Calibration	Performed Tue Mar 10 15:08:00 2020
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	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	780.1	6981.9	2088.6	1871.2	cps
Window 2	718.6	5898.2	1813.8	1664.1	cps
Window 3	580.0	2989.5	1088.0	1039.1	cps
Window 4	172.8	175.7	175.3	173.5	cps
Long Space	0.0	5179.6	1095.2	945.5	cps
Short Space	1.1	1228.6	821.2	690.4	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 45.5	Rib Slope	: 1.016	Density/Spine Ratio	: 0.548
Spine Angle	: 75.5	Spine Slope	: 3.857	Spine Intercept	: -18.9

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
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Serial Number:	6I
Tool Model:	G

CALIBRATION						
	Detector	Readings		Target		Normalization
	Short Space	1.00	cps	1.00	cps	1.0000
	Long Space	1.00	cps	1.00	cps	1.0000

PRE-SURVEY VERIFICATION						
	Detector	Readings		Measured	Target	
1)	Short Space	cps				
	Long Space	cps		pu	pu	
2)	Short Space	cps				
	Long Space	cps		pu		

3)	Short Space Long Space	cps cps	pu
POST-SURVEY VERIFICATION			
	Detector	Readings	Measured Target
1)	Short Space Long Space	cps cps	pu pu
2)	Short Space Long Space	cps cps	pu pu
3)	Short Space Long Space	cps cps	pu pu
Gamma Ray Calibration Report			
	Serial Number: Tool Model: Performed:	GR6 OPEN Thu Jul 30 20:04:35 2020	
	Calibrator Value:	150.0	GAPI
	Background Reading: Calibrator Reading:	0.0 276.0	cps cps
	Sensitivity:	0.7500	GAPI/cps