DUAL INDUCTION LOG

Company QUAIL OIL & GAS, LC
Well ROBINSON #1-26
Field MAVID
County GRAHAM State KANSAS

Location: API # : 15-065-24307-0000
838' FNL & 548' FWL
NE - SW - NW - NW
SEC 26 TWP 8S RGE 23W

Other Services
CDL/CNL/PE
MEL/SONIC

Elevation
K.B. 2216
D.F. 2214
G.L. 2211

Permanent Datum GROUND LEVEL Elevation 2211
Log Measured From KELLY BUSHING 5' A.G.L
Drilling Measured From KELLY BUSHING

Date	2/24/24		
Run Number	ONE		
Depth Driller	4116		
Depth Logger	4112		
Bottom Logged Interval	4110		
Top Log Interval	00		
Casing Driller	8.675@263		
Casing Logger	263		
Bit Size	7.785		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 1,500 PPM	
Density / Viscosity	9.2/59		
pH / Fluid Loss	10.0/5.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	2.00@64F		
Rmf @ Meas. Temp	1.50@64F		
Rmc @ Meas. Temp	2.40@64F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.09@117F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	12:00 A.M.		
Maximum Recorded Temperature	117F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	ROGER MARTIN		

Company QUAIL OIL & GAS, LC
Well ROBINSON #1-26
Field MAVID
County GRAHAM
State KANSAS

<<< Fold Here >>>

Comments

15-065-24307-0000

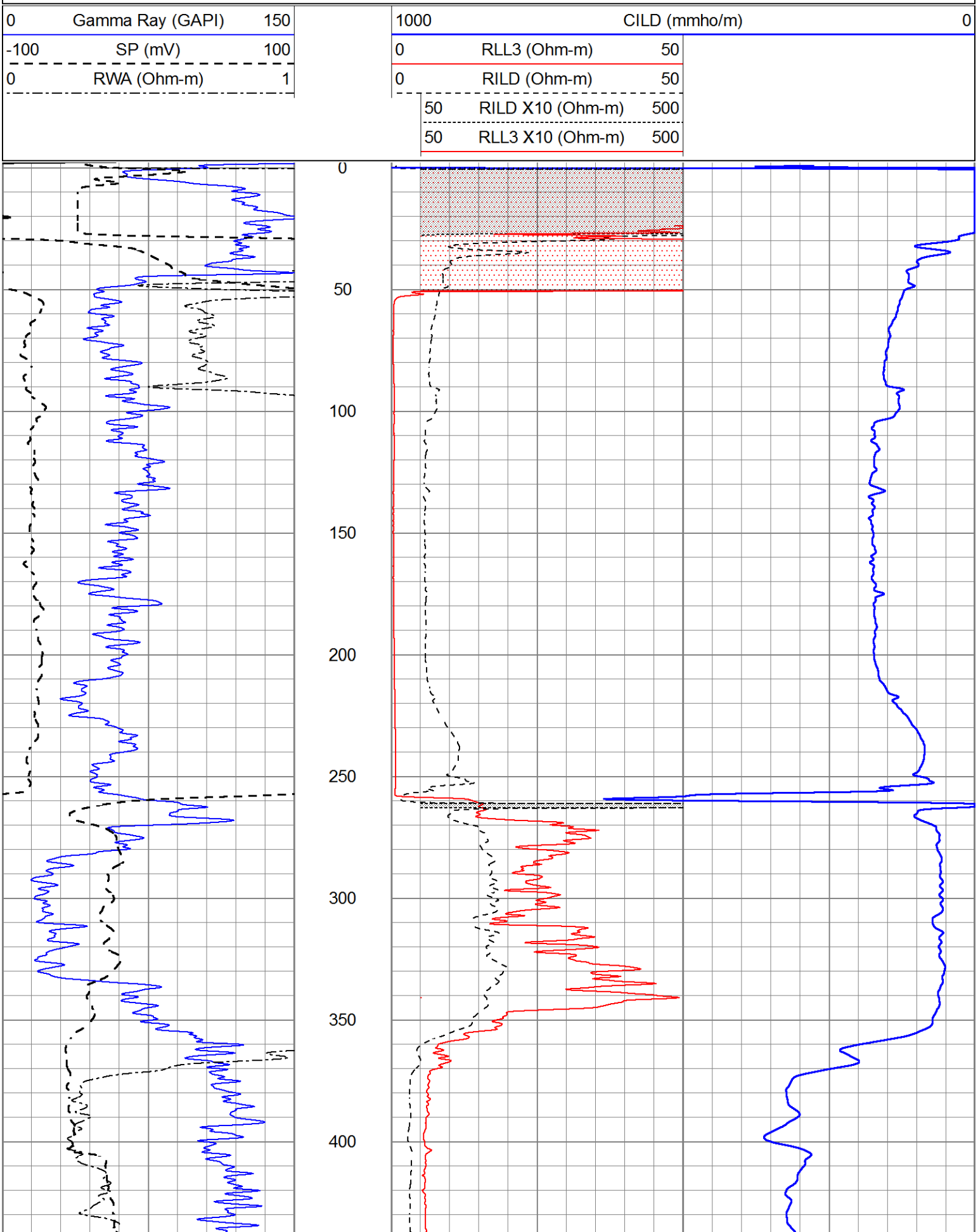
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395

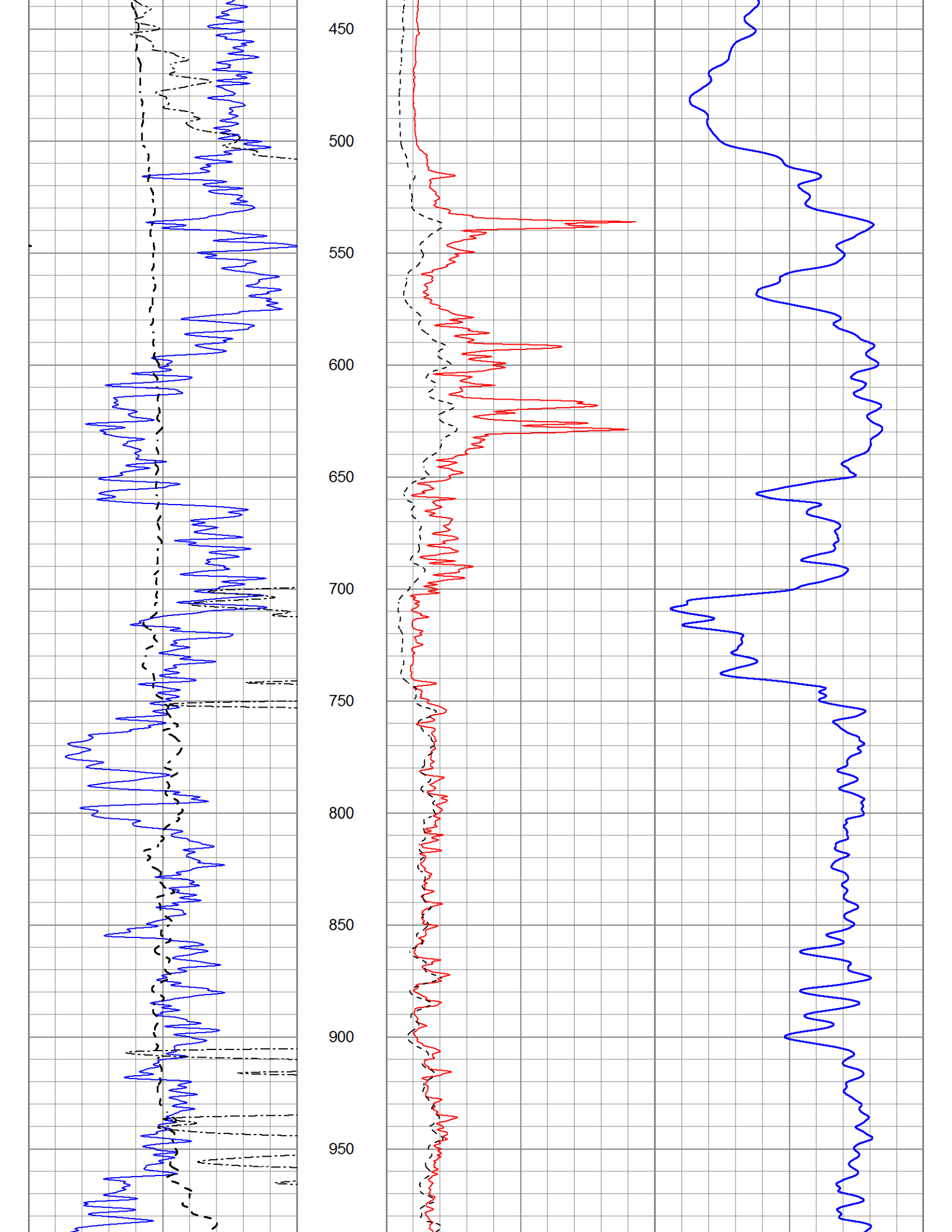
DIRECTIONS

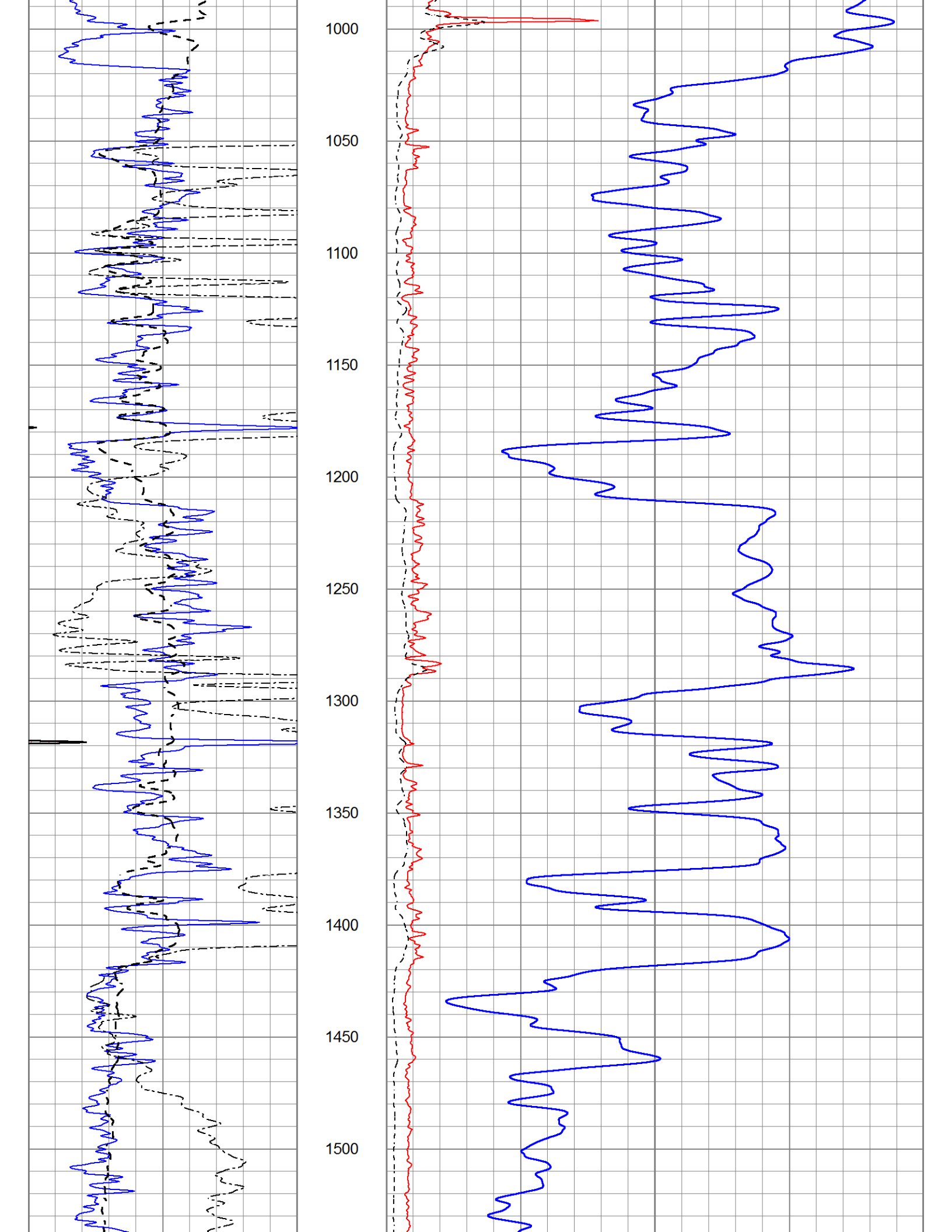
HILL CITY, KS., S. OF RIVER BRIDGE ON HWY 283 TO "O RD./RIVER RD.) 1W. TO "265TH AVE.", 1/2S., 1/4W., S. INTO

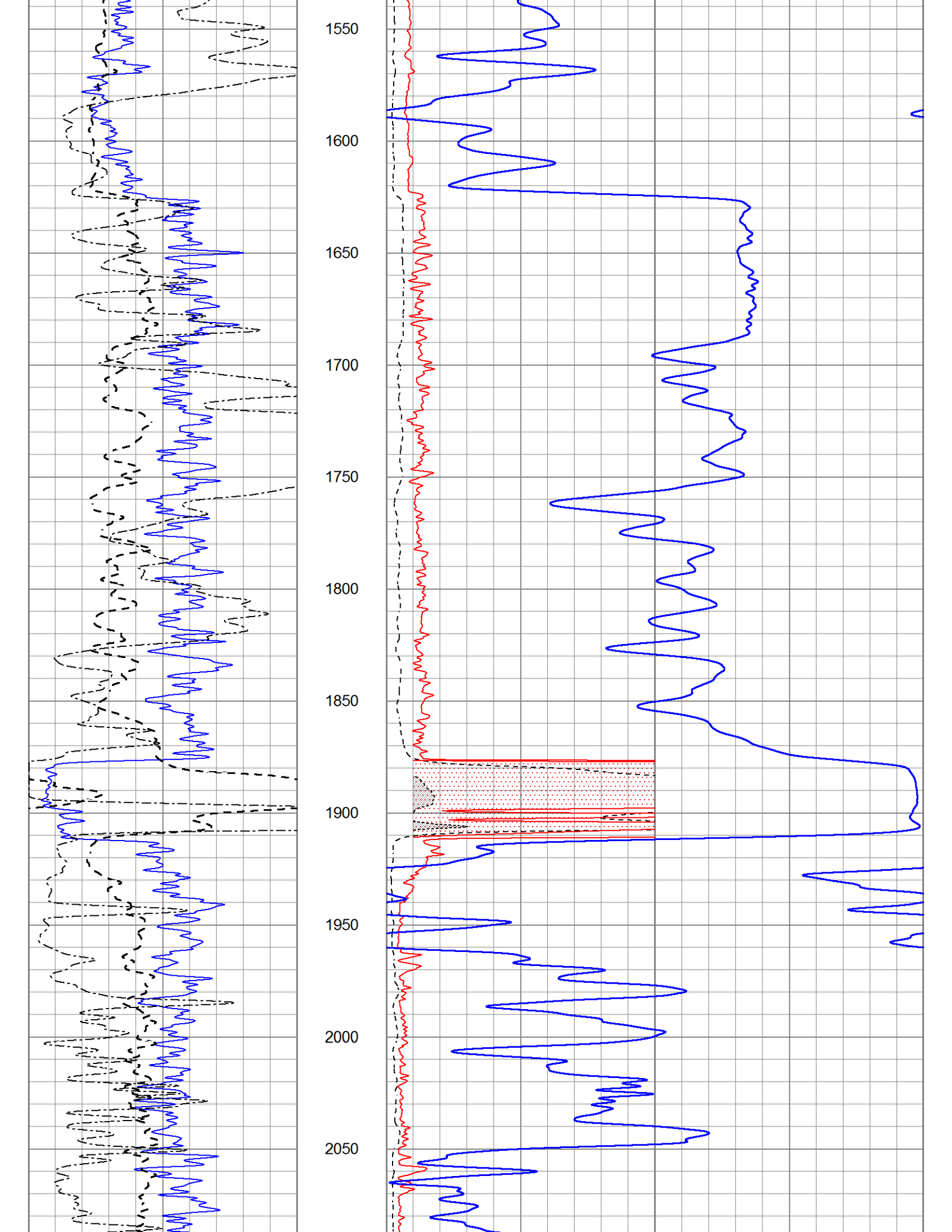
MAIN SECTION

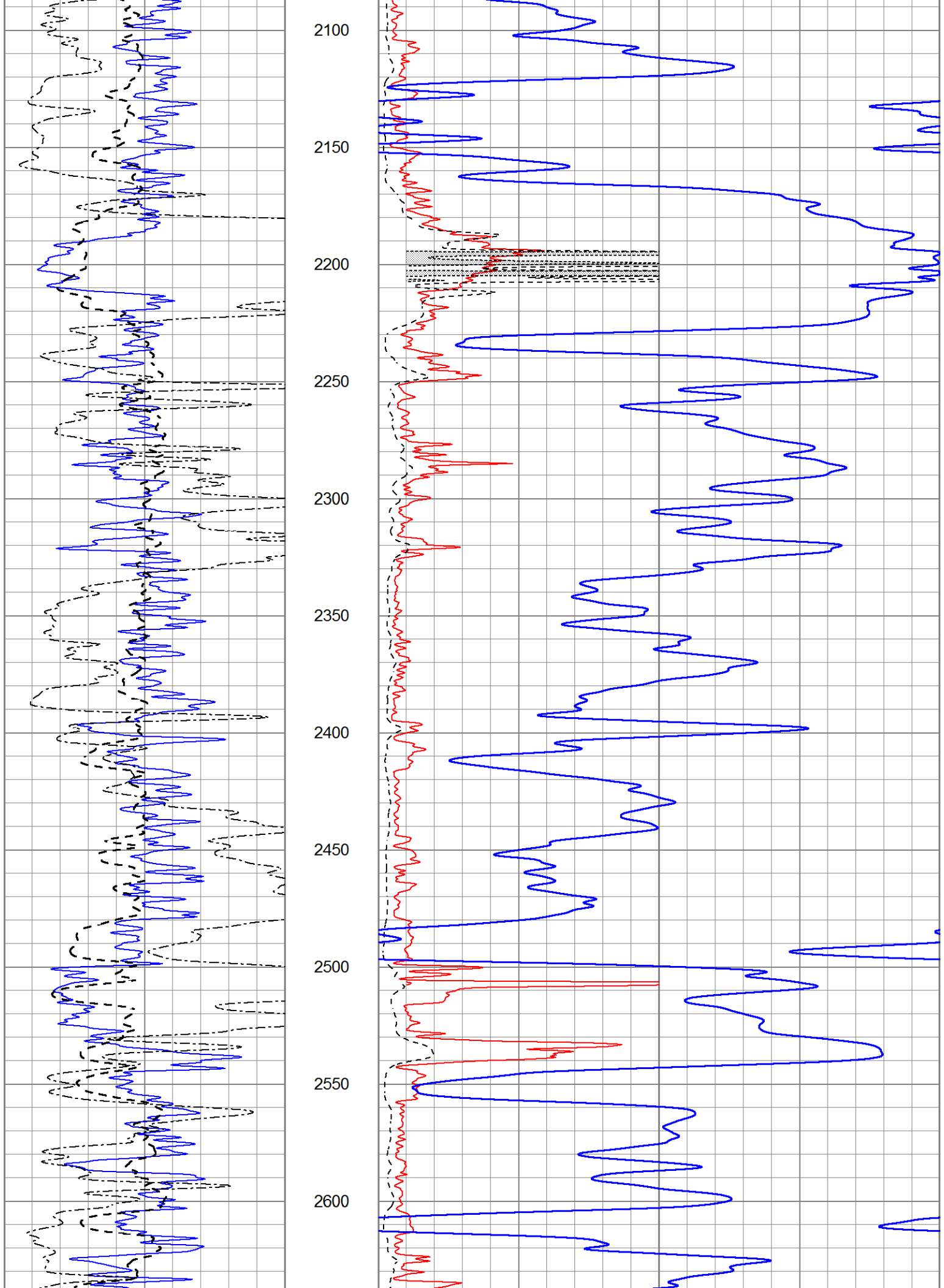
Database File	8414pe.db
Dataset Pathname	pass3.1M
Presentation Format	_dil2
Dataset Creation	Sat Feb 24 01:53:56 2024
Charted by	Depth in Feet scaled 1:600

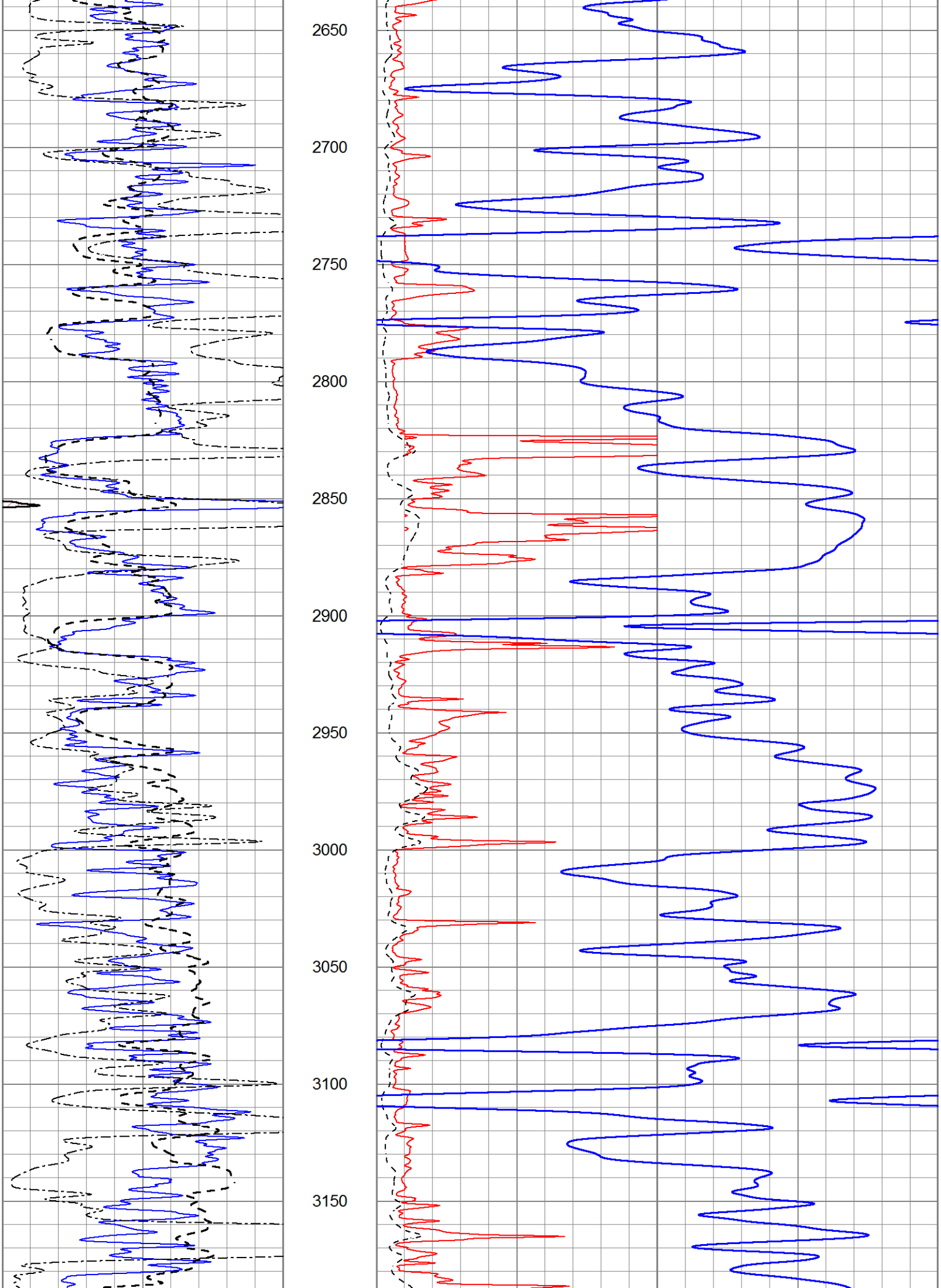


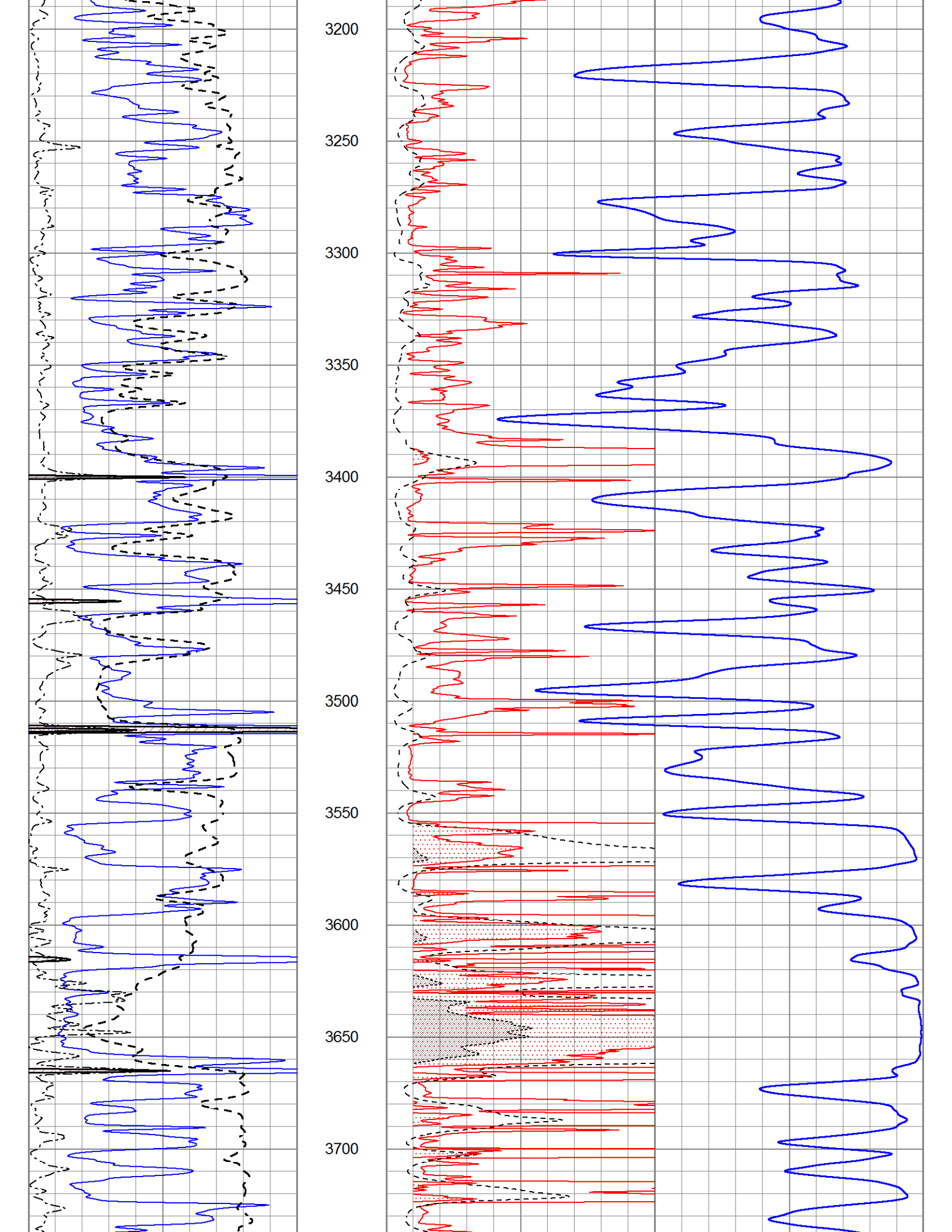

450
500
550
600
650
700
750
800
850
900
950

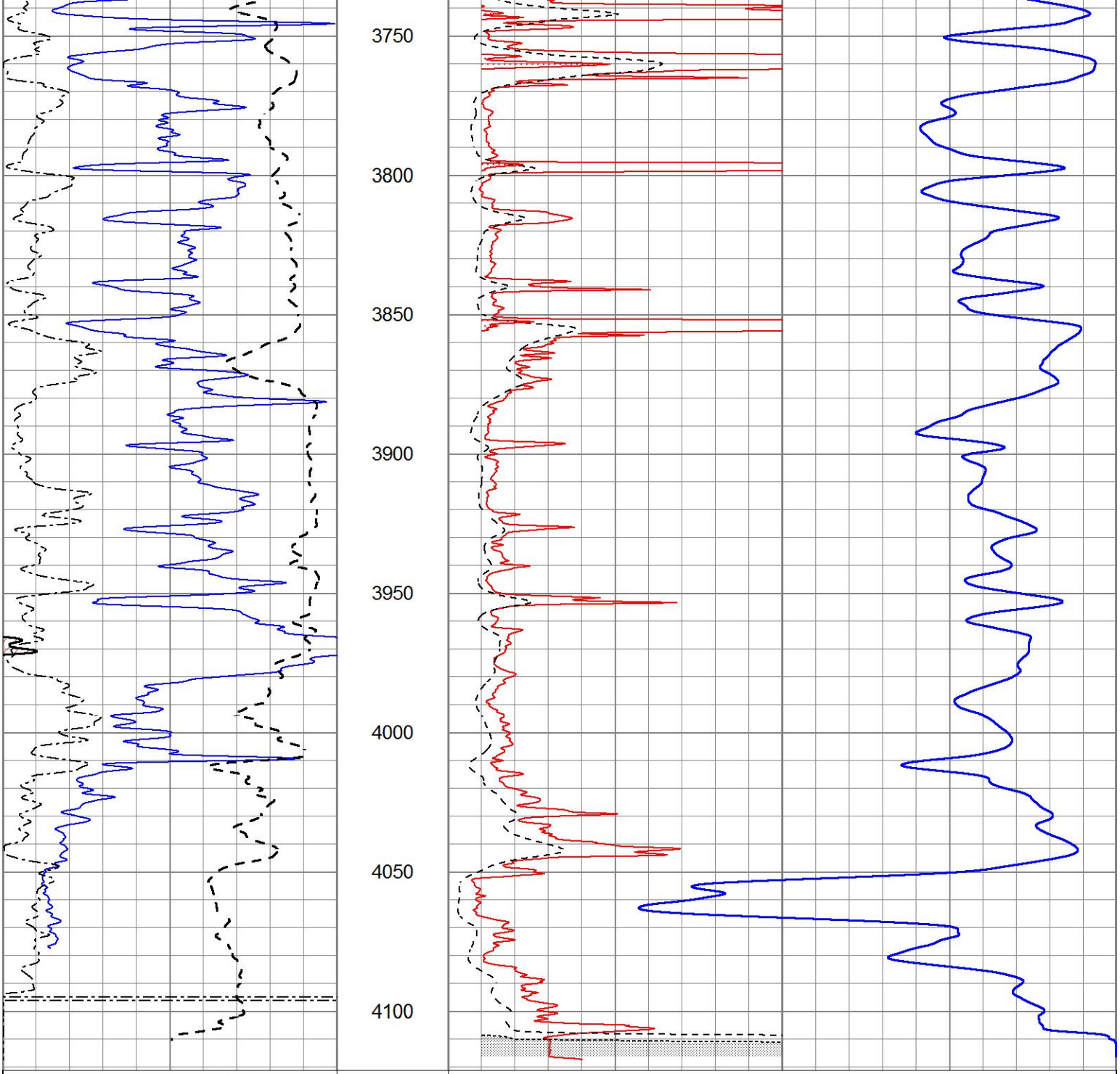

1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500


1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050


2100
2150
2200
2250
2300
2350
2400
2450
2500
2550
2600


2650
2700
2750
2800
2850
2900
2950
3000
3050
3100
3150


3200
3250
3300
3350
3400
3450
3500
3550
3600
3650
3700

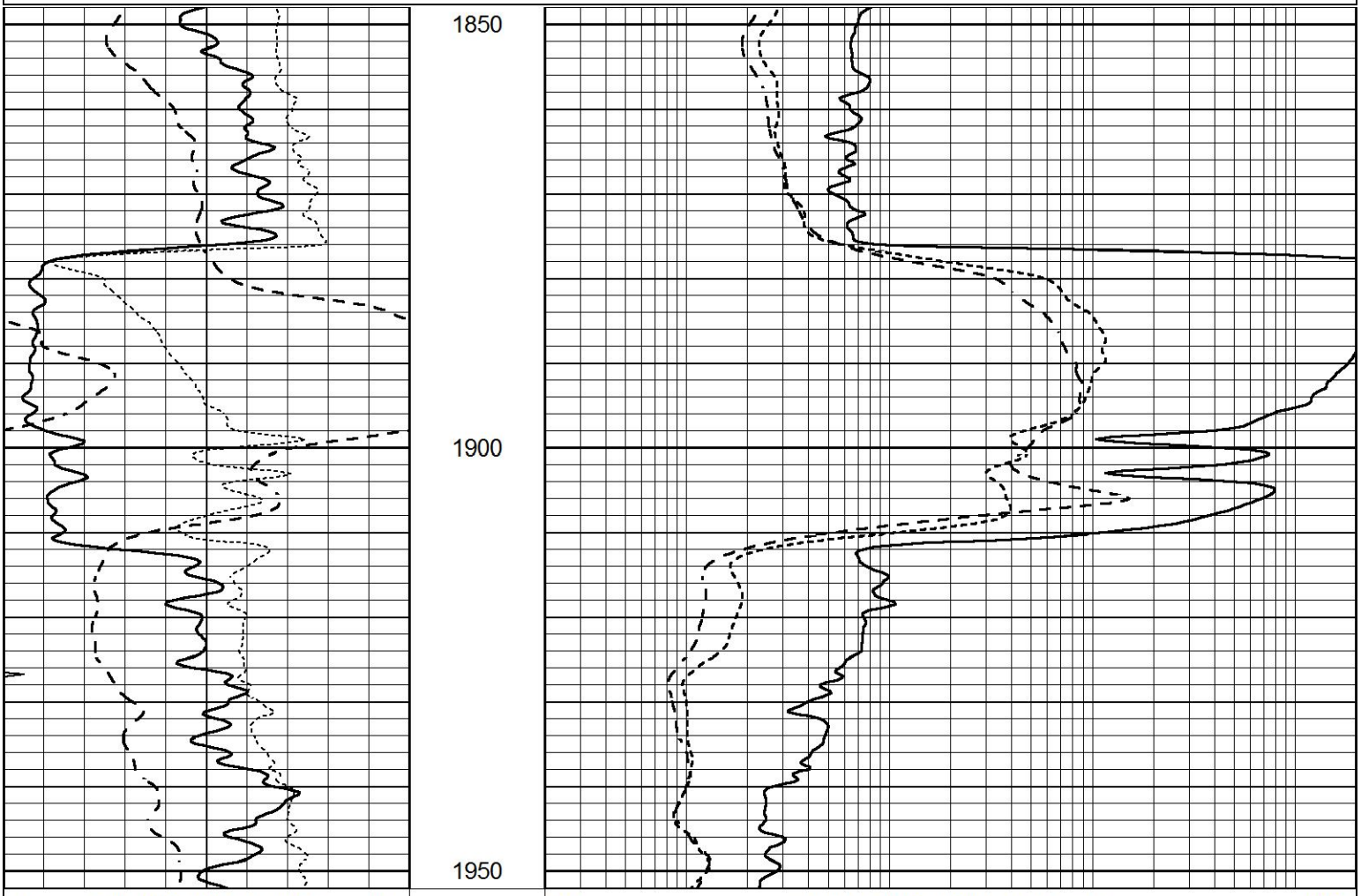


ANHYDRITE

Database File	8414pe.db
Dataset Pathname	pass3.1A
Presentation Format	_dil
Dataset Creation	Sat Feb 24 02:14:58 2024
Charted by	Depth in Feet scaled 1:240

Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	20			

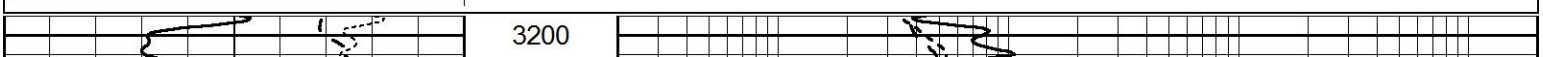


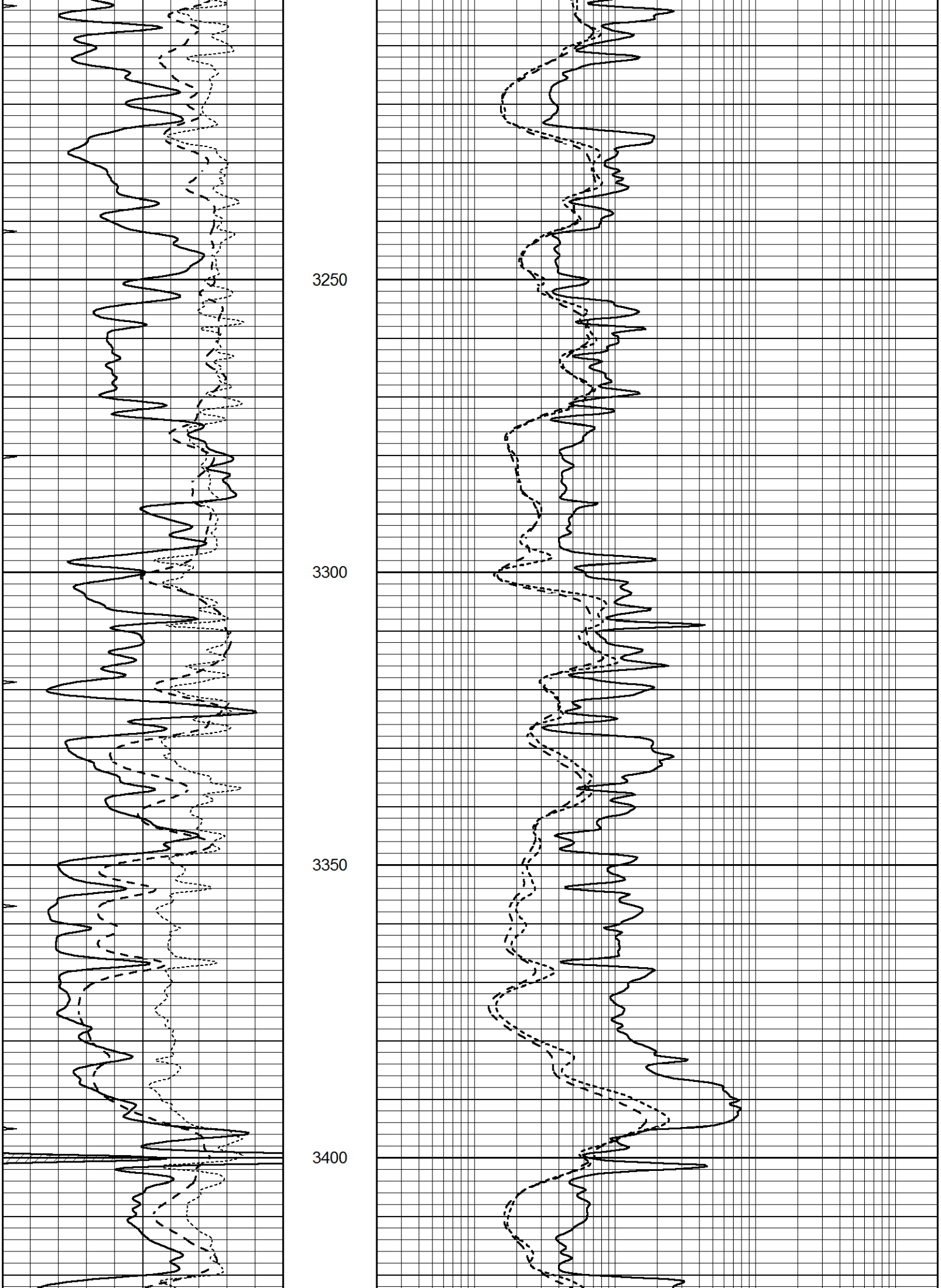
0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	20			

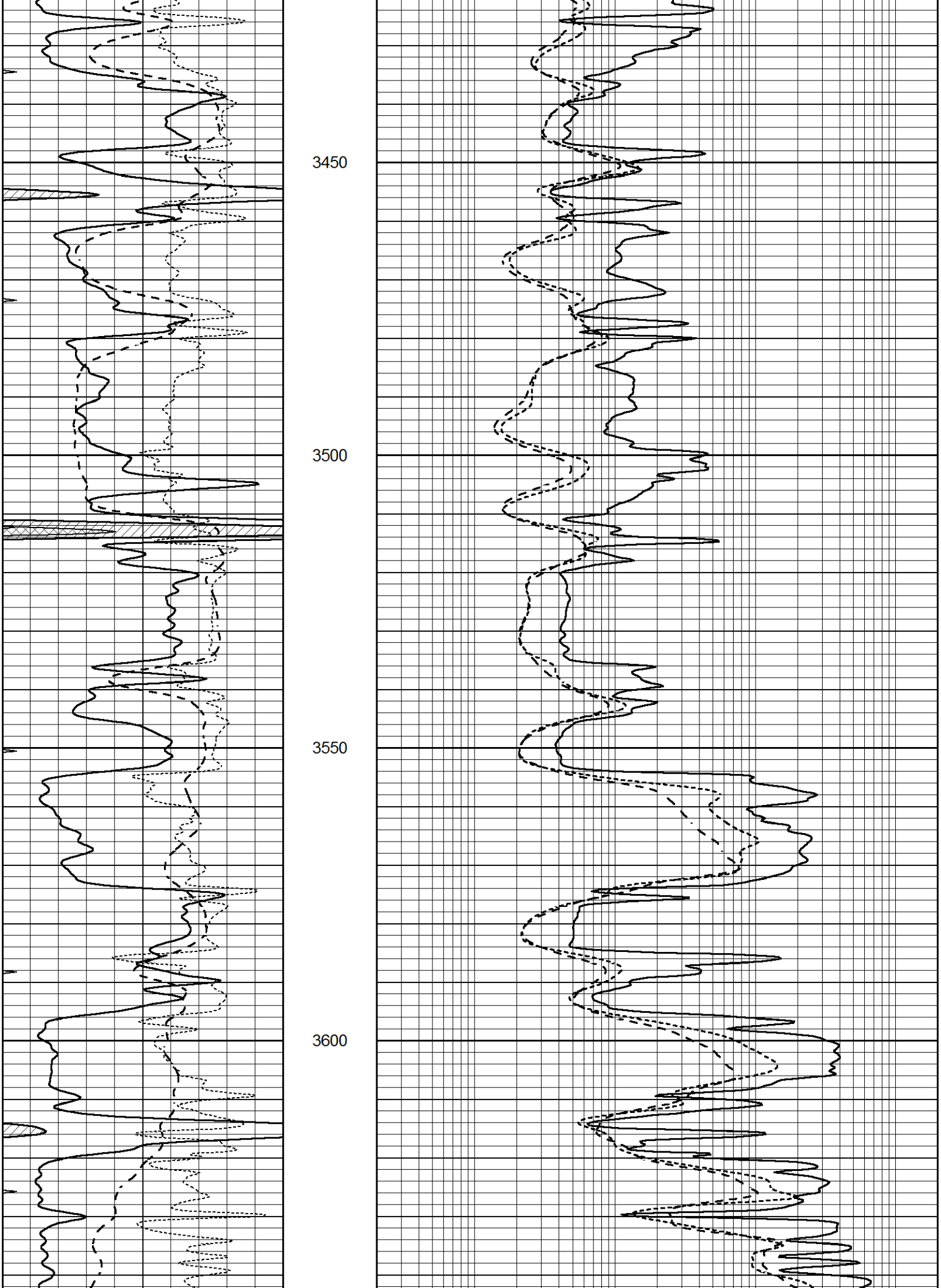
MAIN SECTION

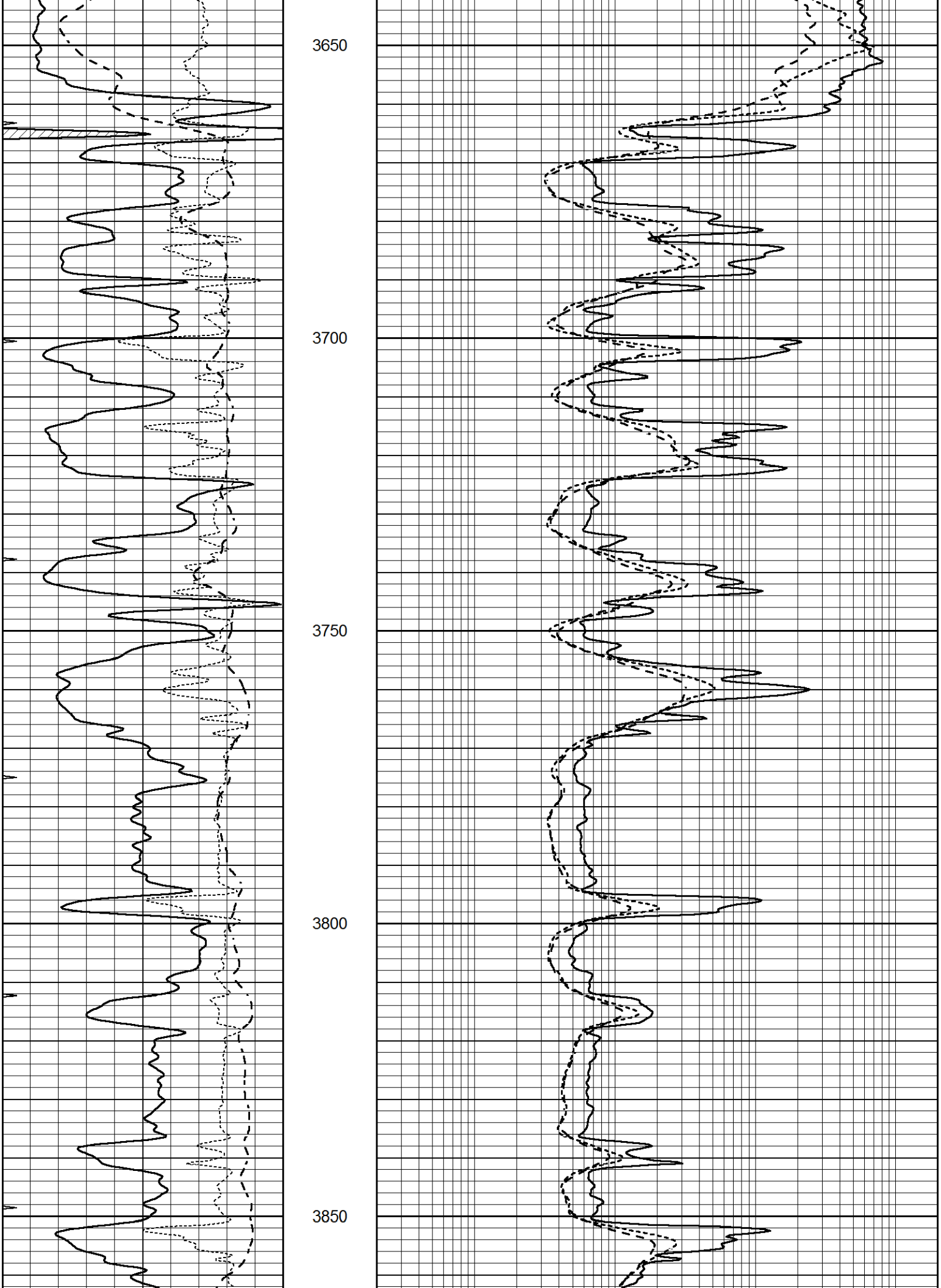
Database File	8414pe.db
Dataset Pathname	pass3.1M
Presentation Format	_dil
Dataset Creation	Sat Feb 24 01:53:56 2024
Charted by	Depth in Feet scaled 1:240

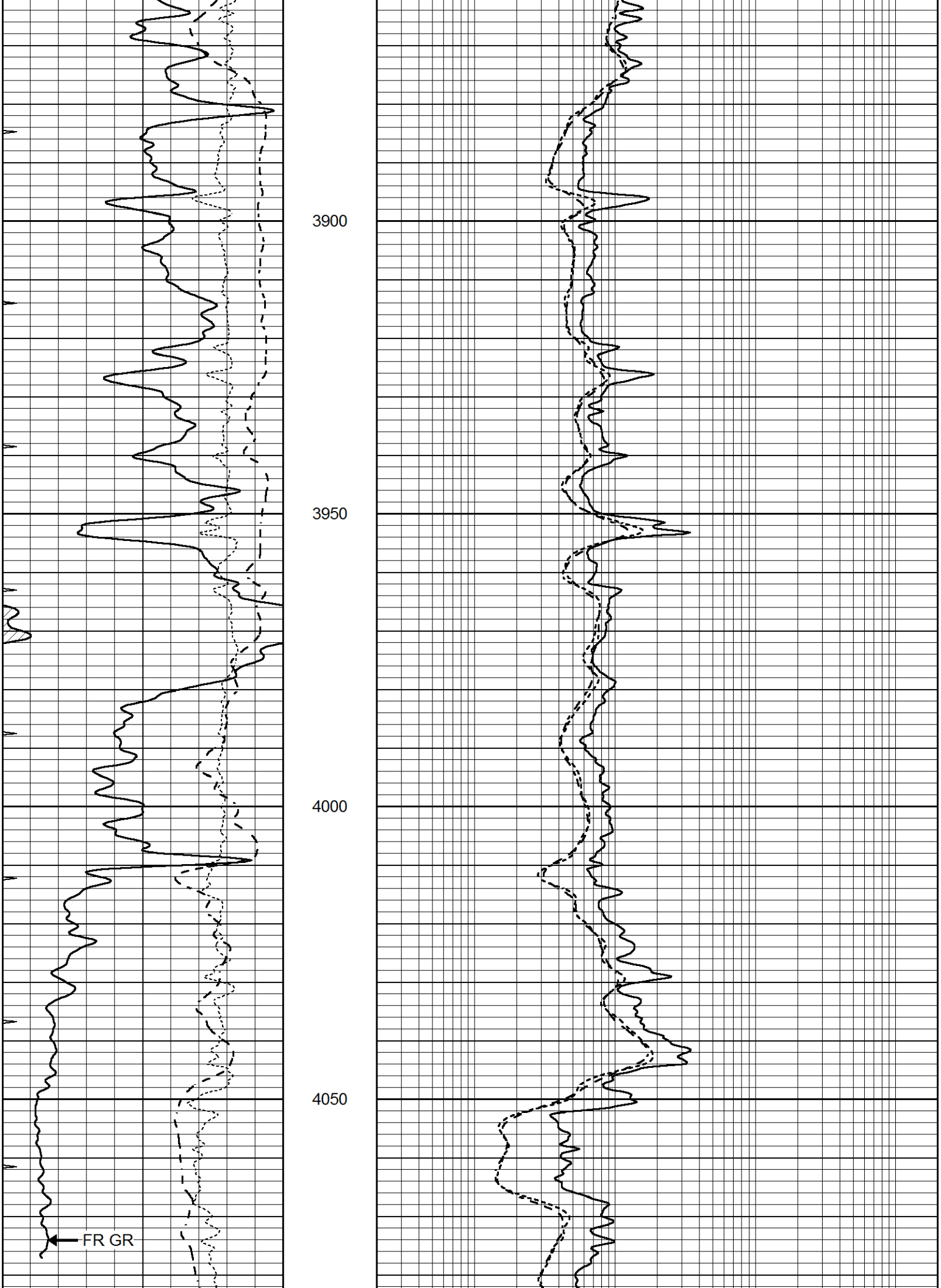
0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	DEEP INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	MEDIUM INDUCTION (Ohm-m)	2000
0	MINMK	20			

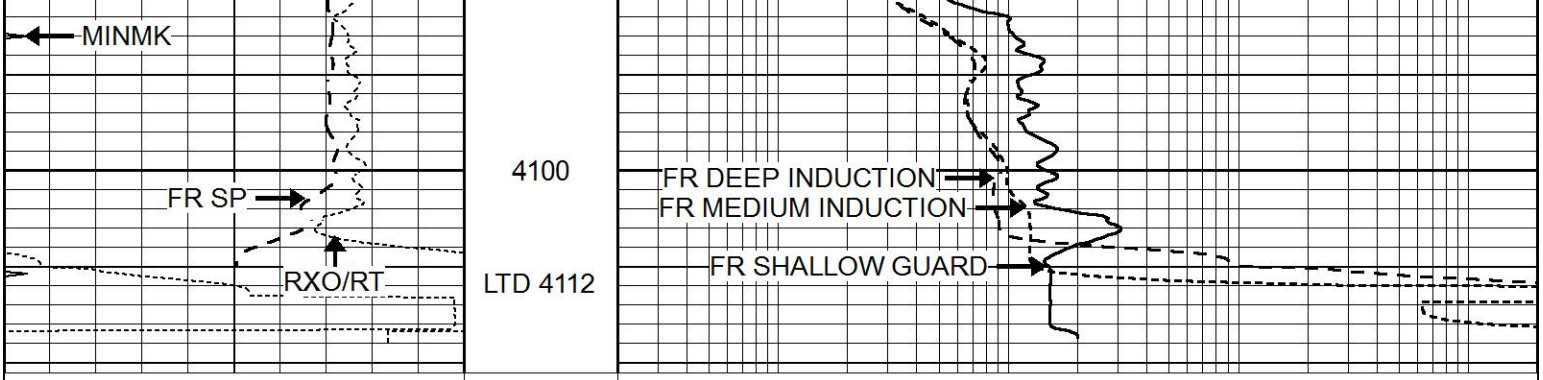



3250
3300
3350
3400


3450
3500
3550
3600


3650
3700
3750
3800
3850


3900
3950
4000
4050
FR GR



0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

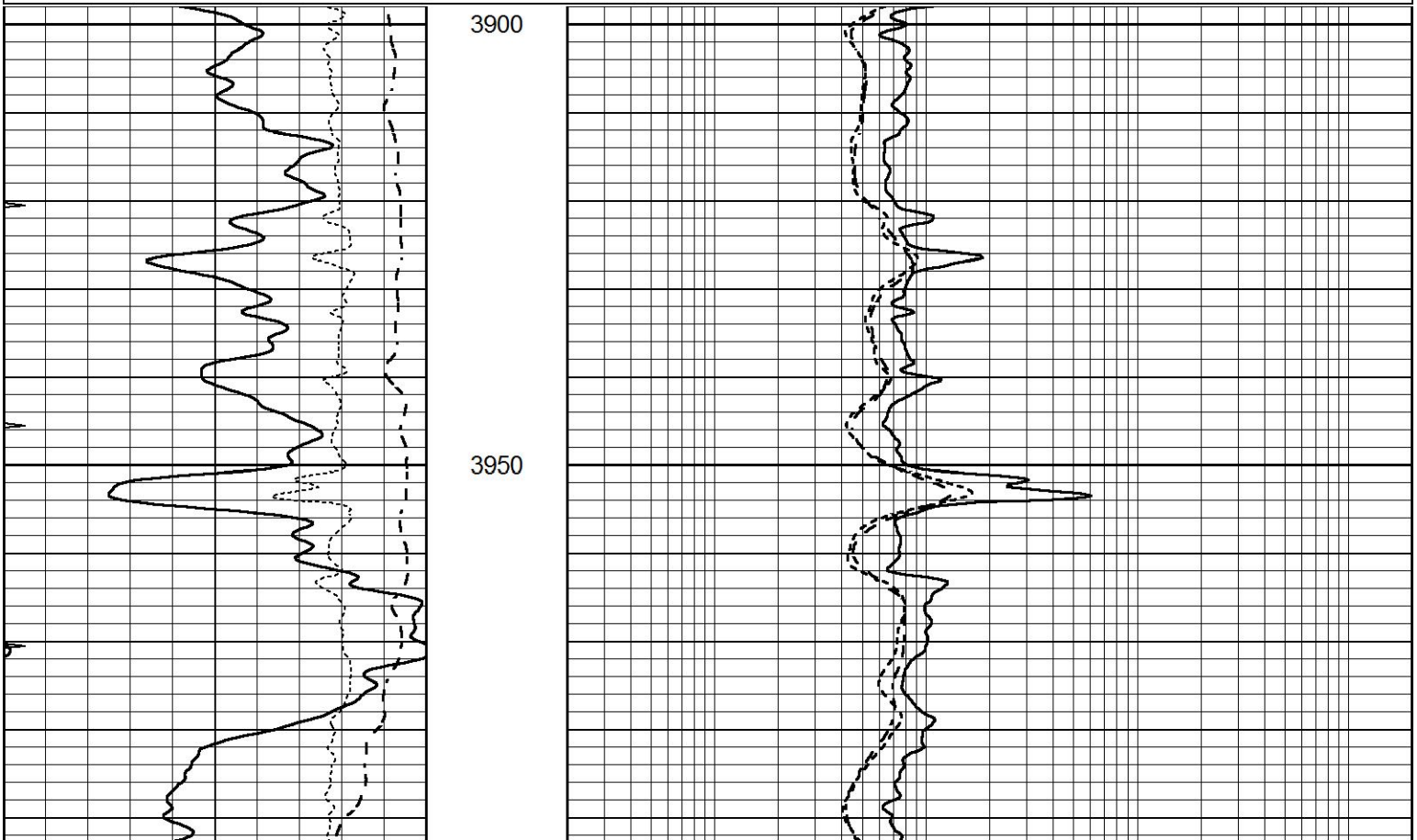
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

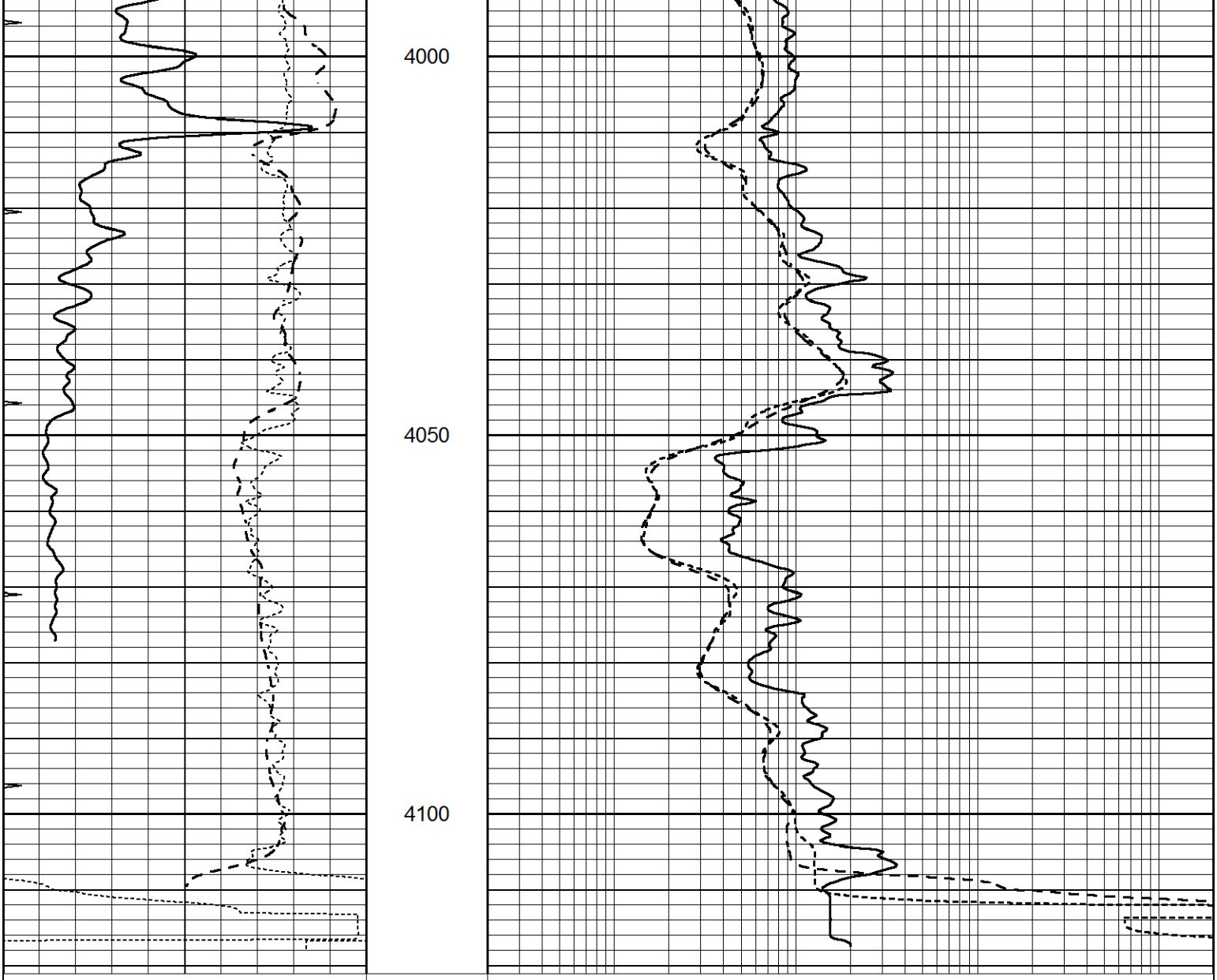
REPEAT SECTION

Database File	8414pe.db
Dataset Pathname	pass2.1R
Presentation Format	_dil
Dataset Creation	Sat Feb 24 01:14:29 2024
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000





Calibration Report

Database File	8414pe.db
Dataset Pathname	pass3.1M
Dataset Creation	Sat Feb 24 01:53:56 2024

Dual Induction Calibration Report

Serial-Model:	PROBE8-DILG
Surface Cal Performed:	Fri Feb 16 23:33:40 2024
Downhole Cal Performed:	Mon Aug 14 00:39:25 2023
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	660.000	5.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	650.000	-5.000

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: 001 Model: PRB

Master Calibration — Performed Tue Aug 02 14:54:49 2022

	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	1540.1	9840.1	3279.8	3001.8	cps
Window 2	1435.6	8495.4	2920.3	2720.3	cps
Window 3	1167.4	4527.9	1868.6	1810.1	cps
Window 4	344.6	343.5	346.7	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 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: 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