DUAL INDUCTION LOG

Company CHARTER ENERGY, INC.
Well WILD WEST #1
Field PRITCHARD
County BARTON State KANSAS

Company CHARTER ENERGY, INC.
Well WILD WEST #1
Field PRITCHARD
County BARTON
State KANSAS

Location: API # : 15-009-26428-0000

763 FSL & 700 FWL
SW - NE - SW - SW

SEC 26 TWP 20S RGE 14W

Other Services

CDL/CNL
MEL

Elevation

K.B. 1912
D.F. 1910
G.L. 1902

Permanent Datum GROUND LEVEL Elevation 1902
Log Measured From KELLY BUSHING 10' A.G.L
Drilling Measured From KELLY BUSHING

Date	9/2/24		
Run Number	ONE		
Depth Driller	3625		
Depth Logger	3625		
Bottom Logged Interval	3623		
Top Log Interval	00		
Casing Driller	8.625 @ 825		
Casing Logger	825		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,600 PPM	
Density / Viscosity	9.2/57		
pH / Fluid Loss	10.5/6.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.850 @ 82F		
Rmf @ Meas. Temp	.638 @ 82F		
Rmc @ Meas. Temp	1.02 @ 82F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.617 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	6:45 P.M.		
Maximum Recorded Temperature	113F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBBEN		
Witnessed By	JOSHUA AUSTIN		

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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

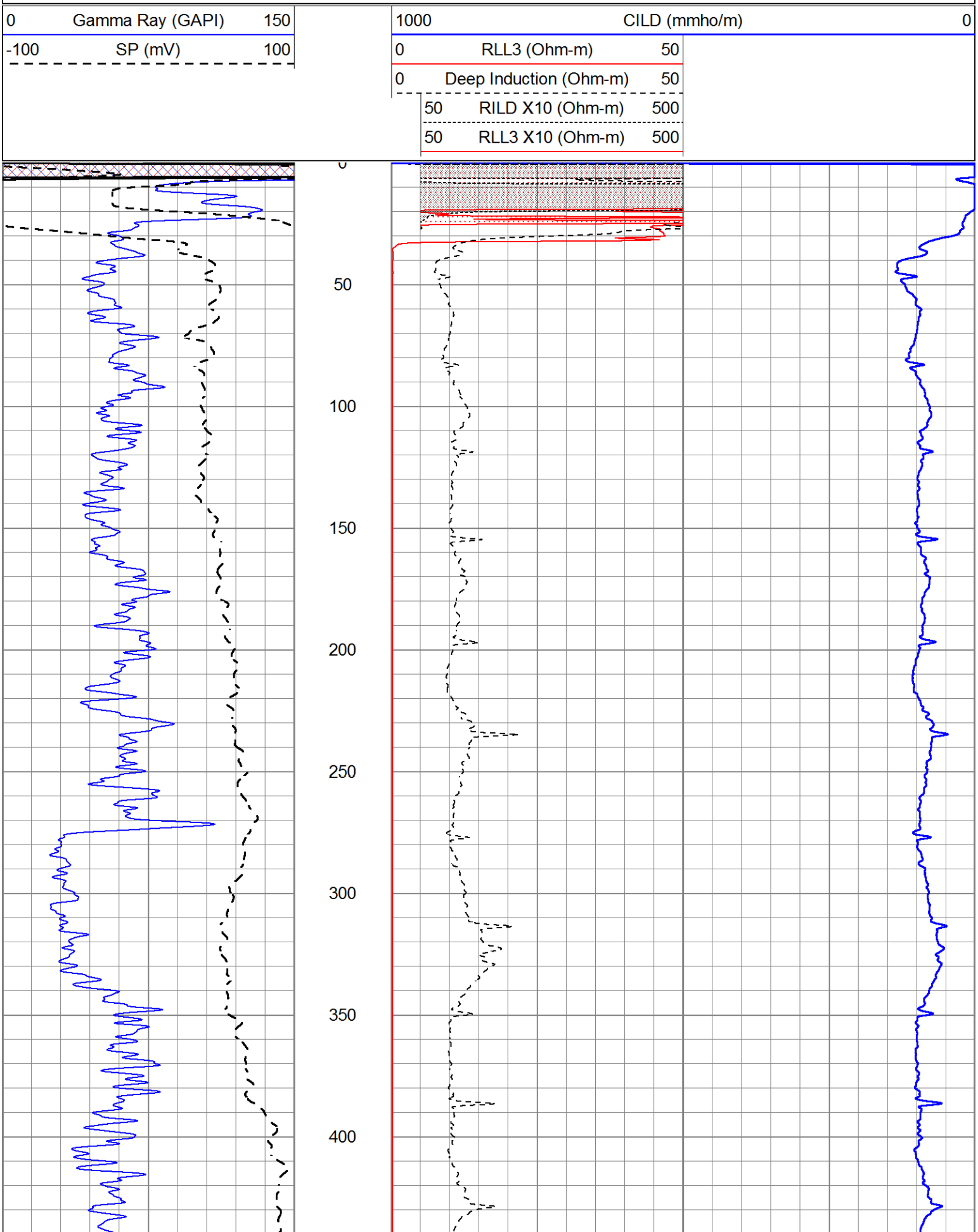
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395

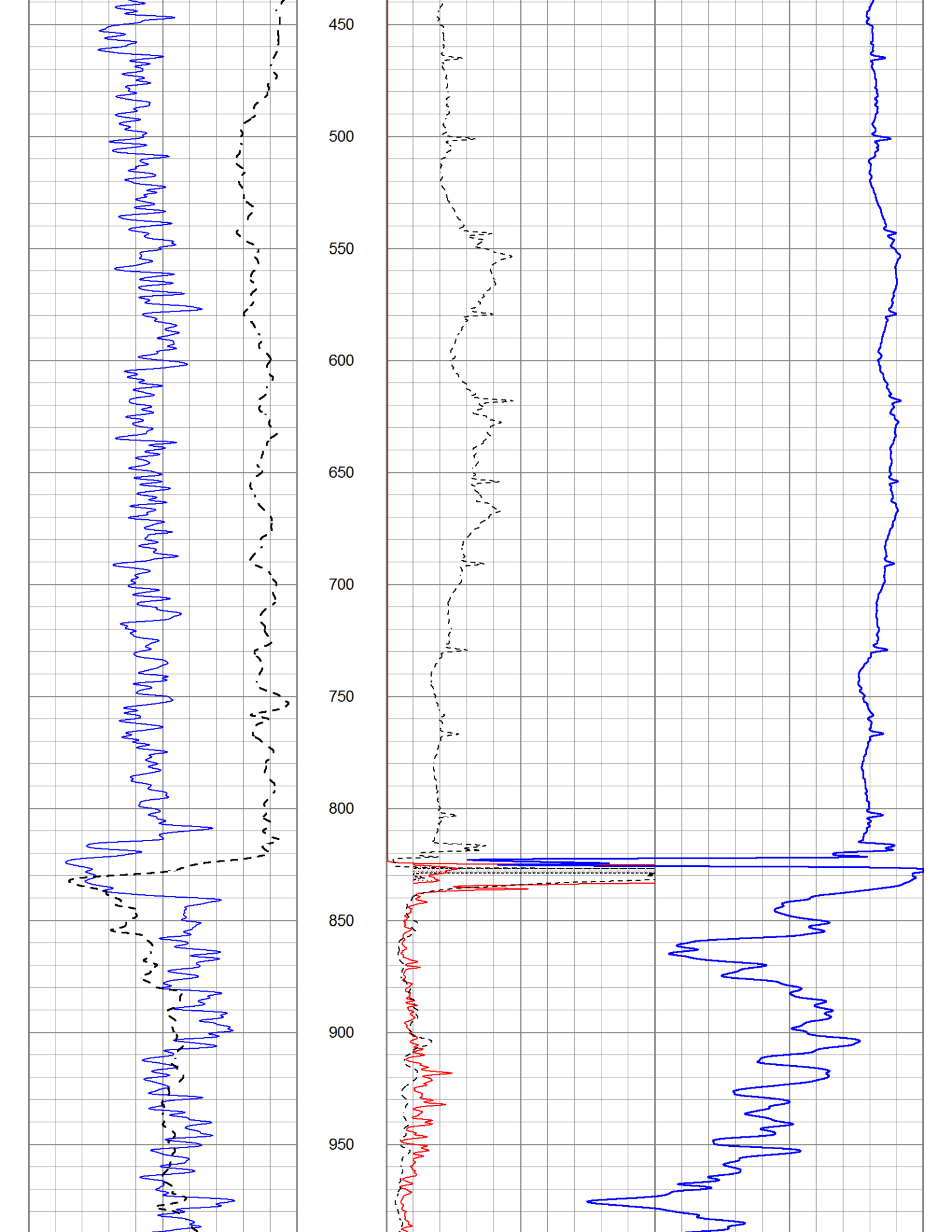
DIRECTIONS:

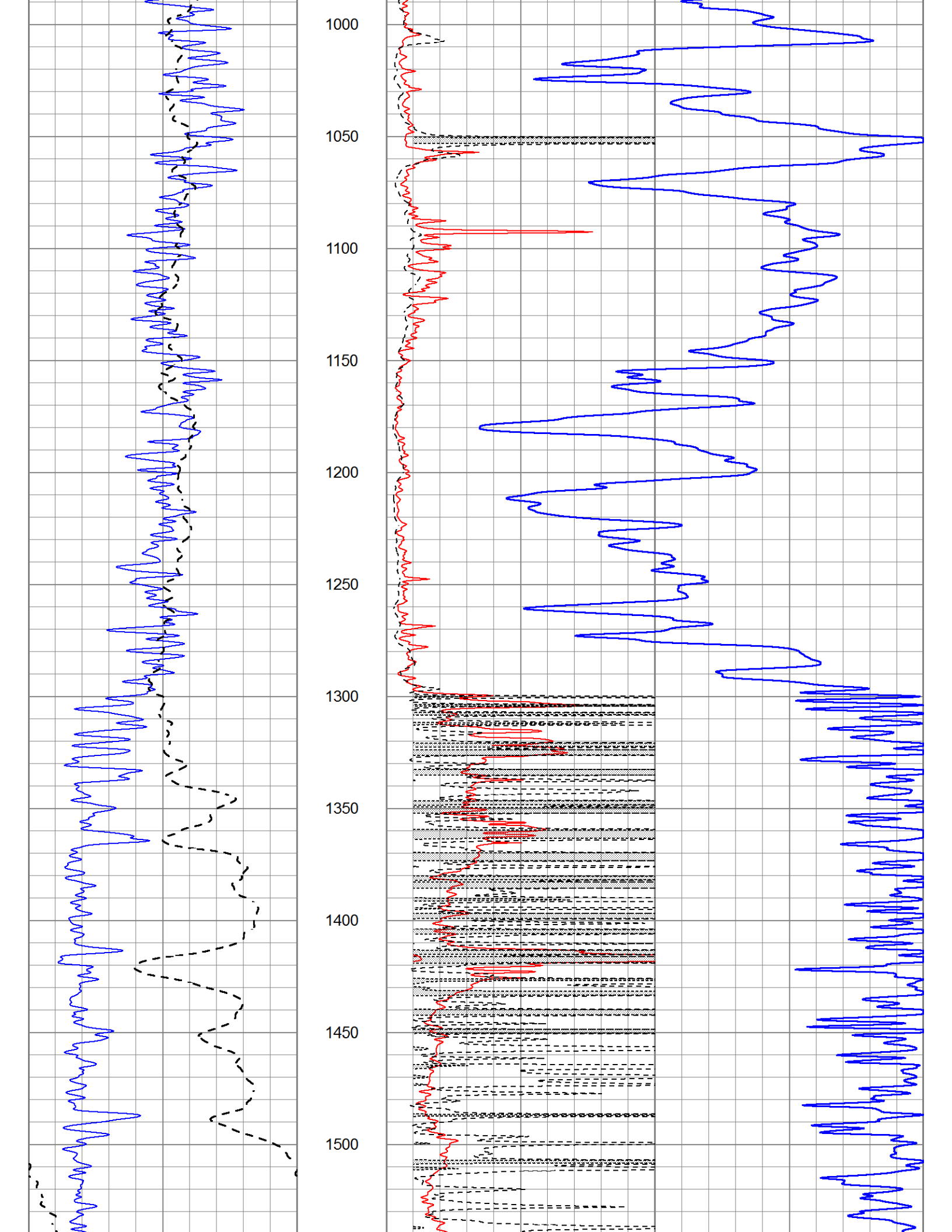
FROM GREAT BEND, KANSAS AND HIGHWAY 156 GO WEST 4 MILES TO ROAD SW 50TH AVE, 2 MILES SOUTH TO SW 50TH ROAD, 1 MILE EAST, 1 MILE SOUTH, 1/8TH MILE EAST, NORTH INTO

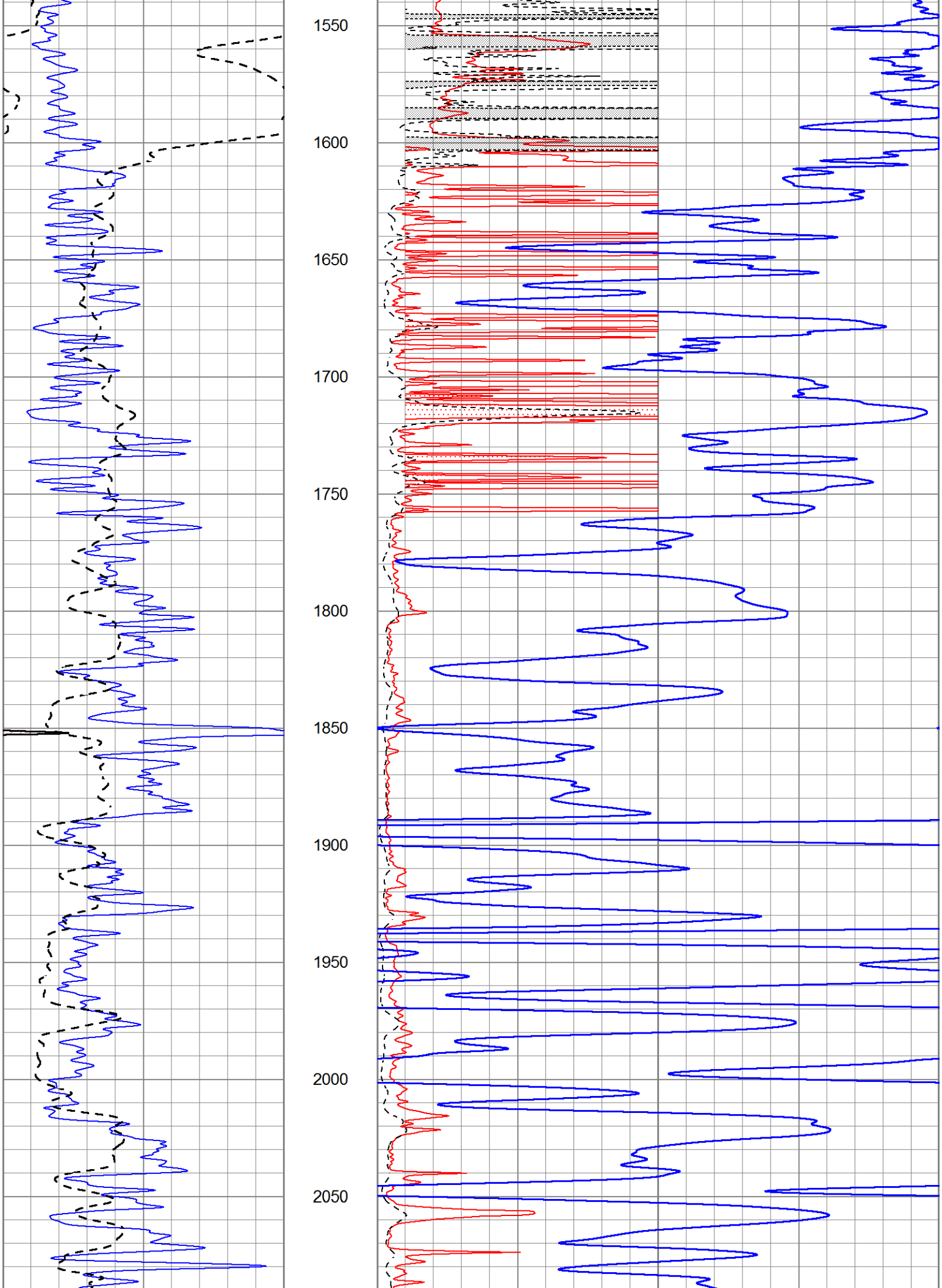
MAIN SECTION

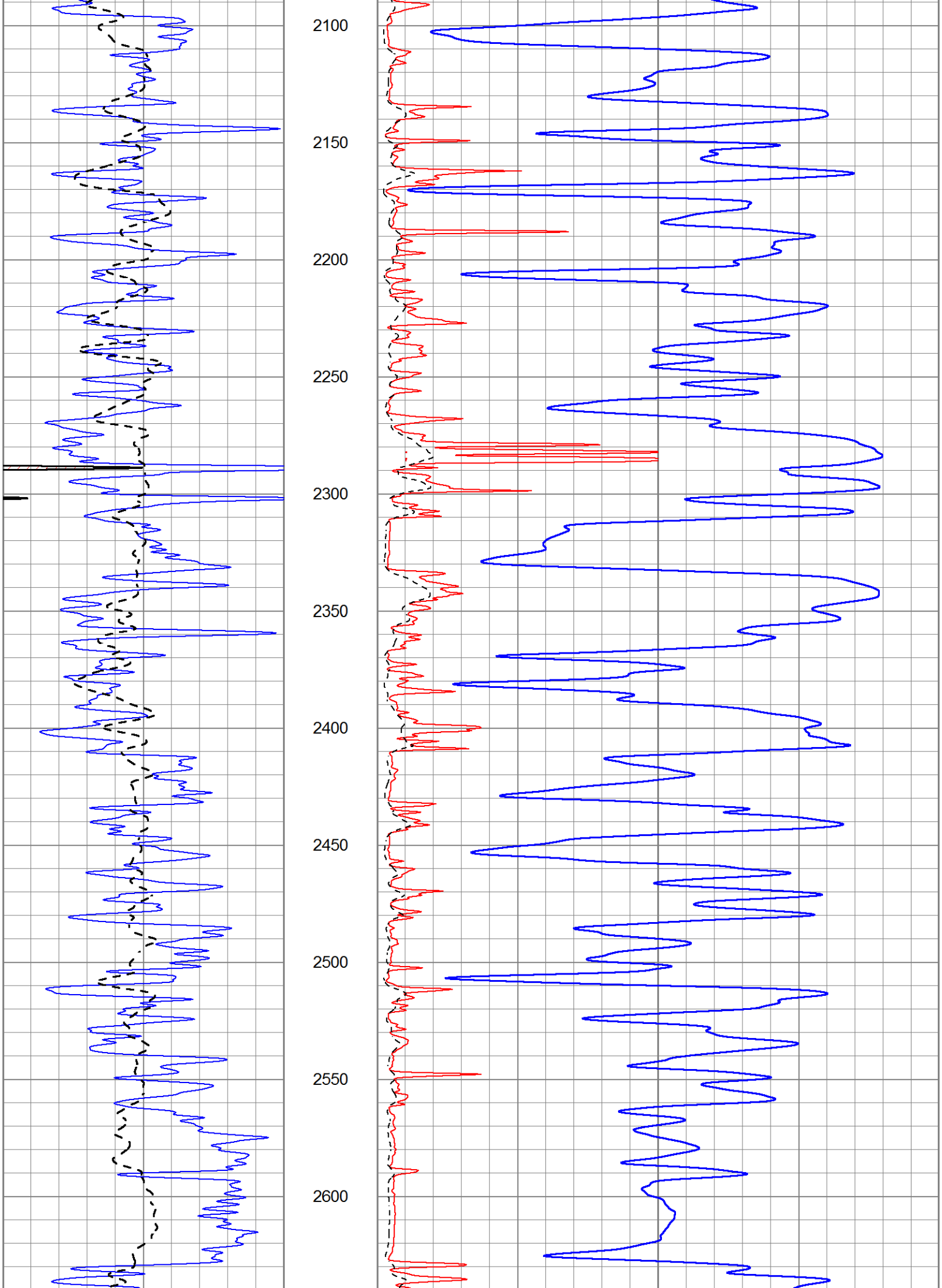
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Presentation Format	_dil2
Dataset Creation	Mon Sep 02 20:11:14 2024
Charted by	Depth in Feet scaled 1:600

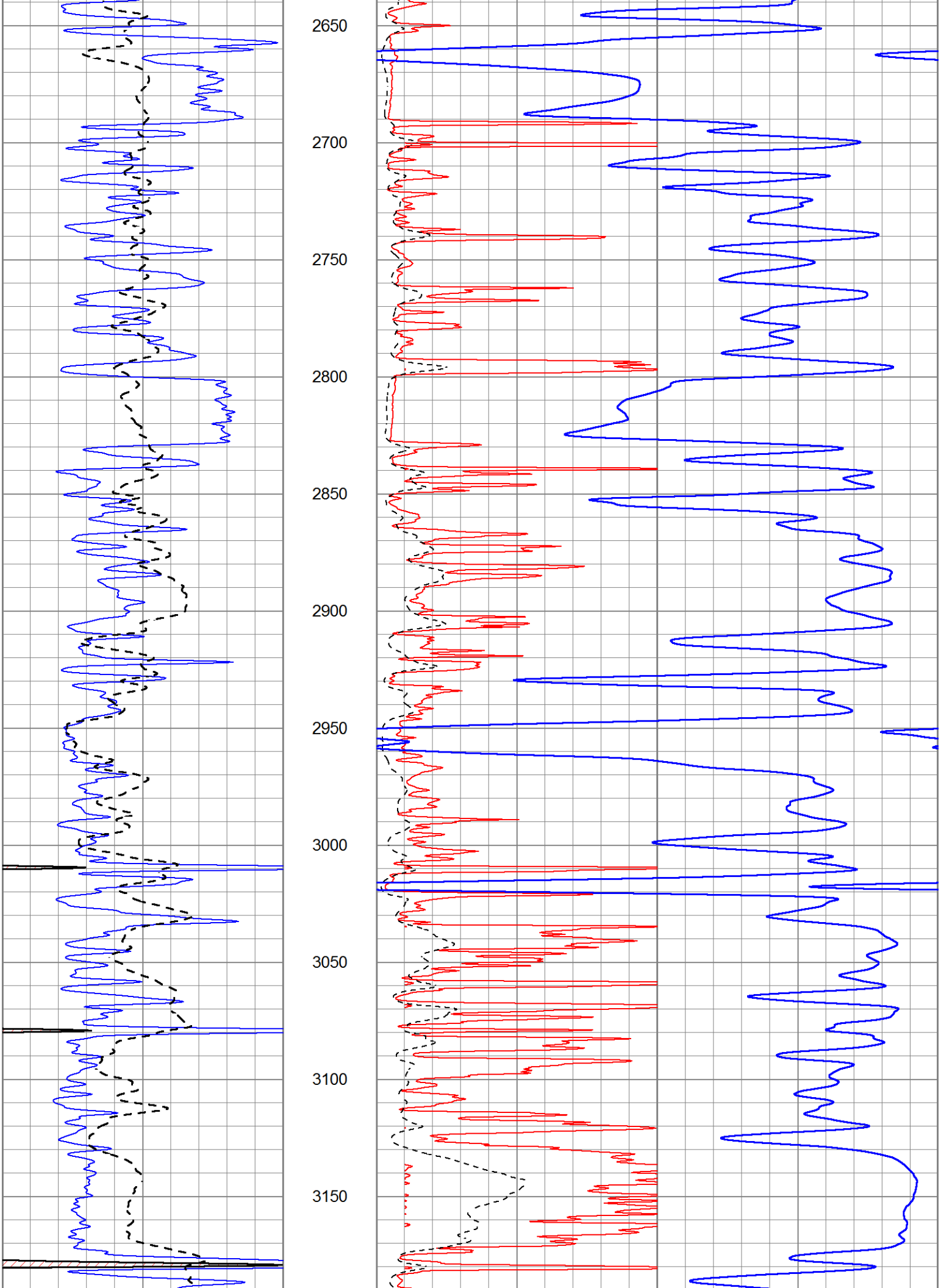


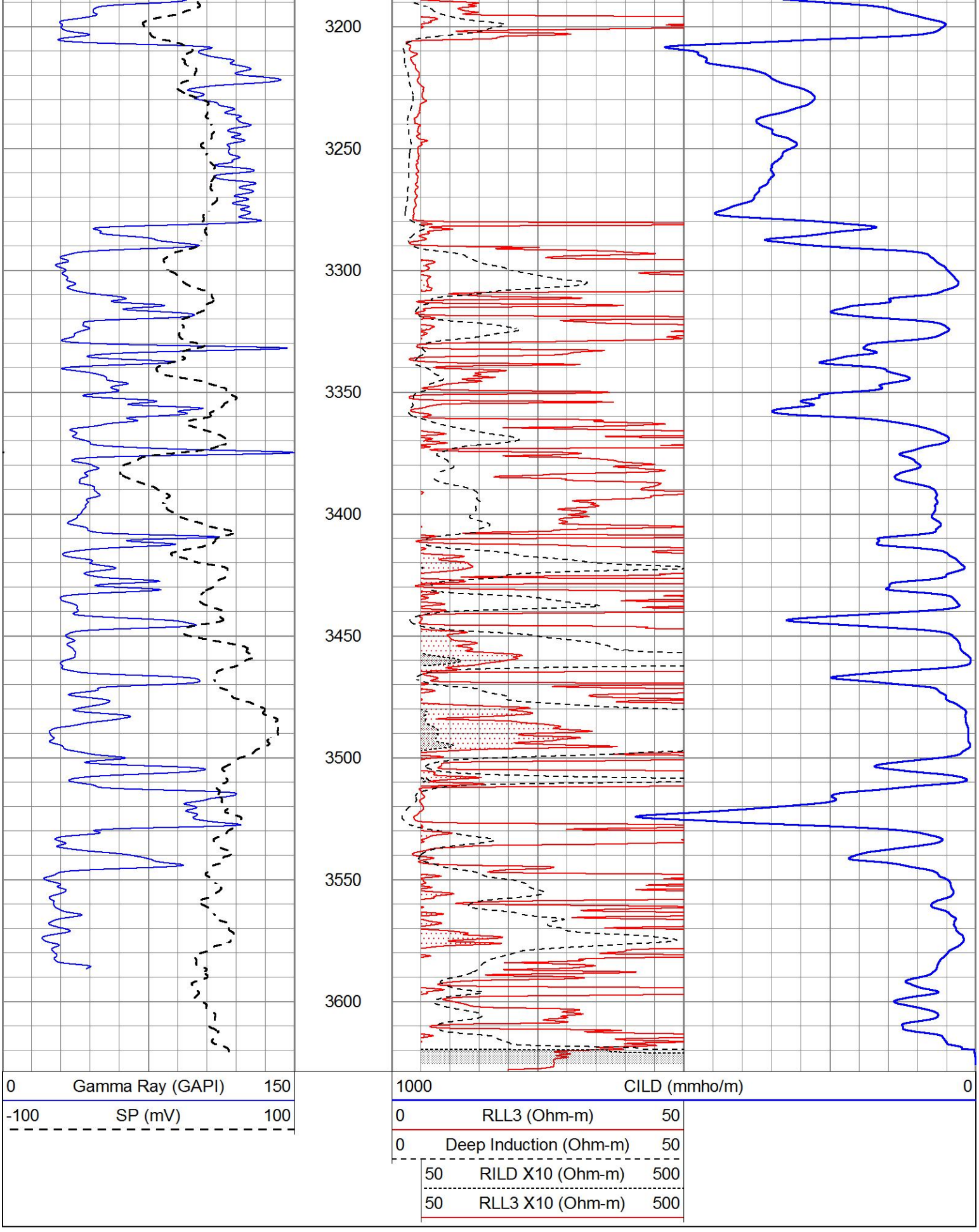

450
500
550
600
650
700
750
800
850
900
950


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

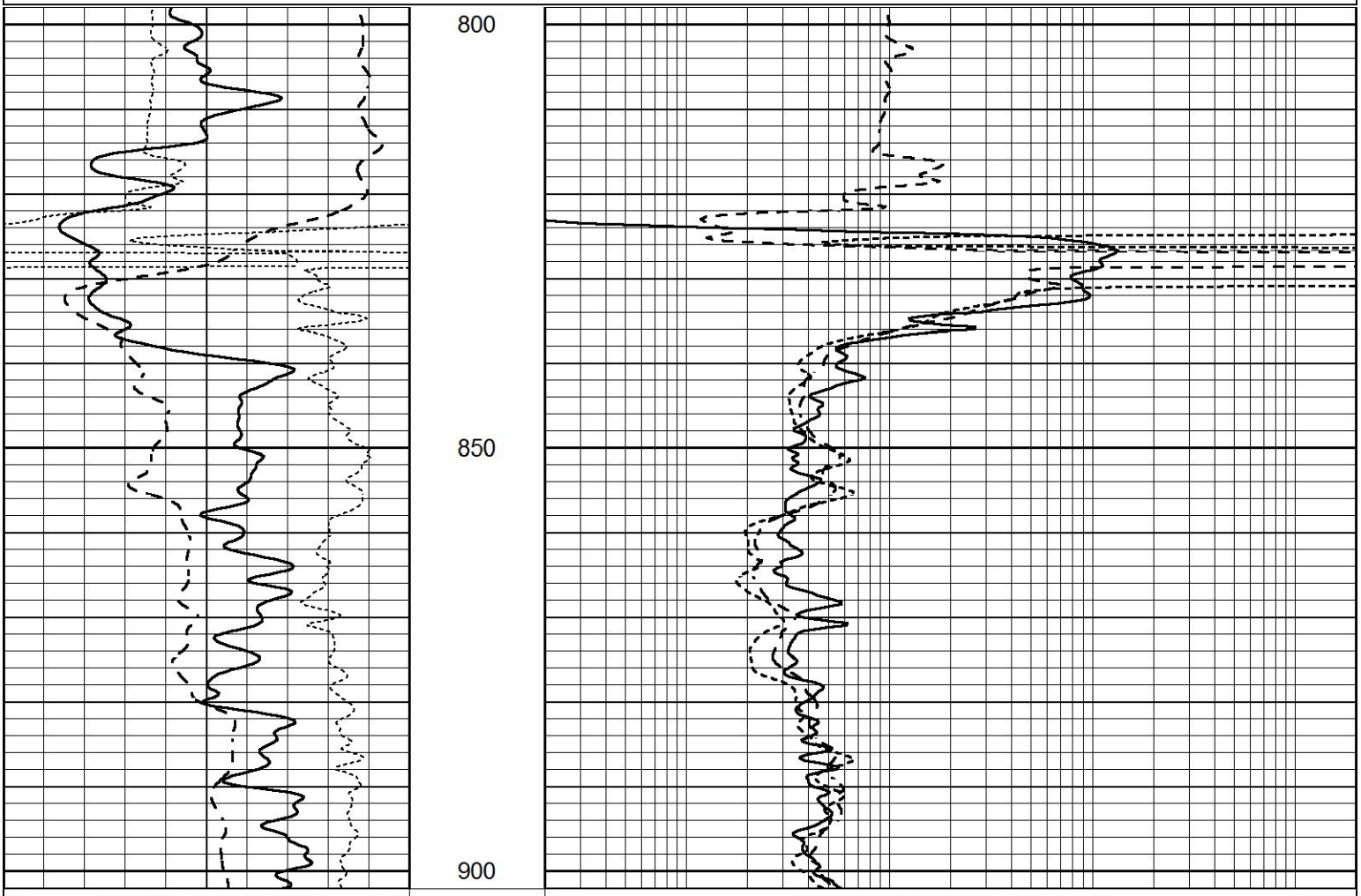

3200
3250
3300
3350
3400
3450
3500
3550
3600
0 Gamma Ray (GAPI) 150
-100 SP (mV) 100
1000 CILD (mmho/m) 0
0 RLL3 (Ohm-m) 50
0 Deep Induction (Ohm-m) 50
50 RILD X10 (Ohm-m) 500
50 RLL3 X10 (Ohm-m) 500

ANHYDRITE

Database File	8916ddn.db
Dataset Pathname	pass4A
Presentation Format	_dil
Dataset Creation	Mon Sep 02 20:17:07 2024
Charted by	Depth in Feet scaled 1:240

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

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



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

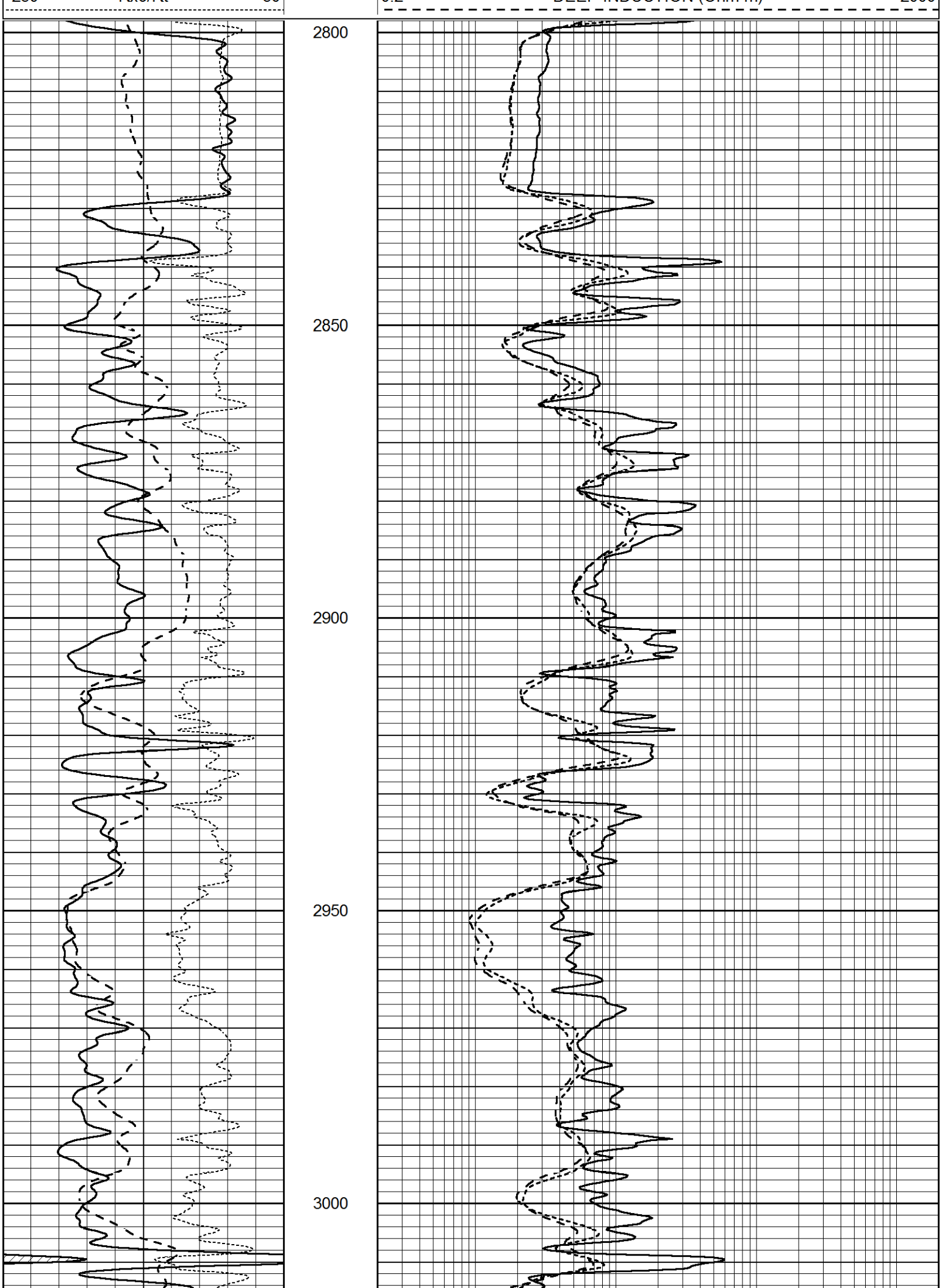
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000

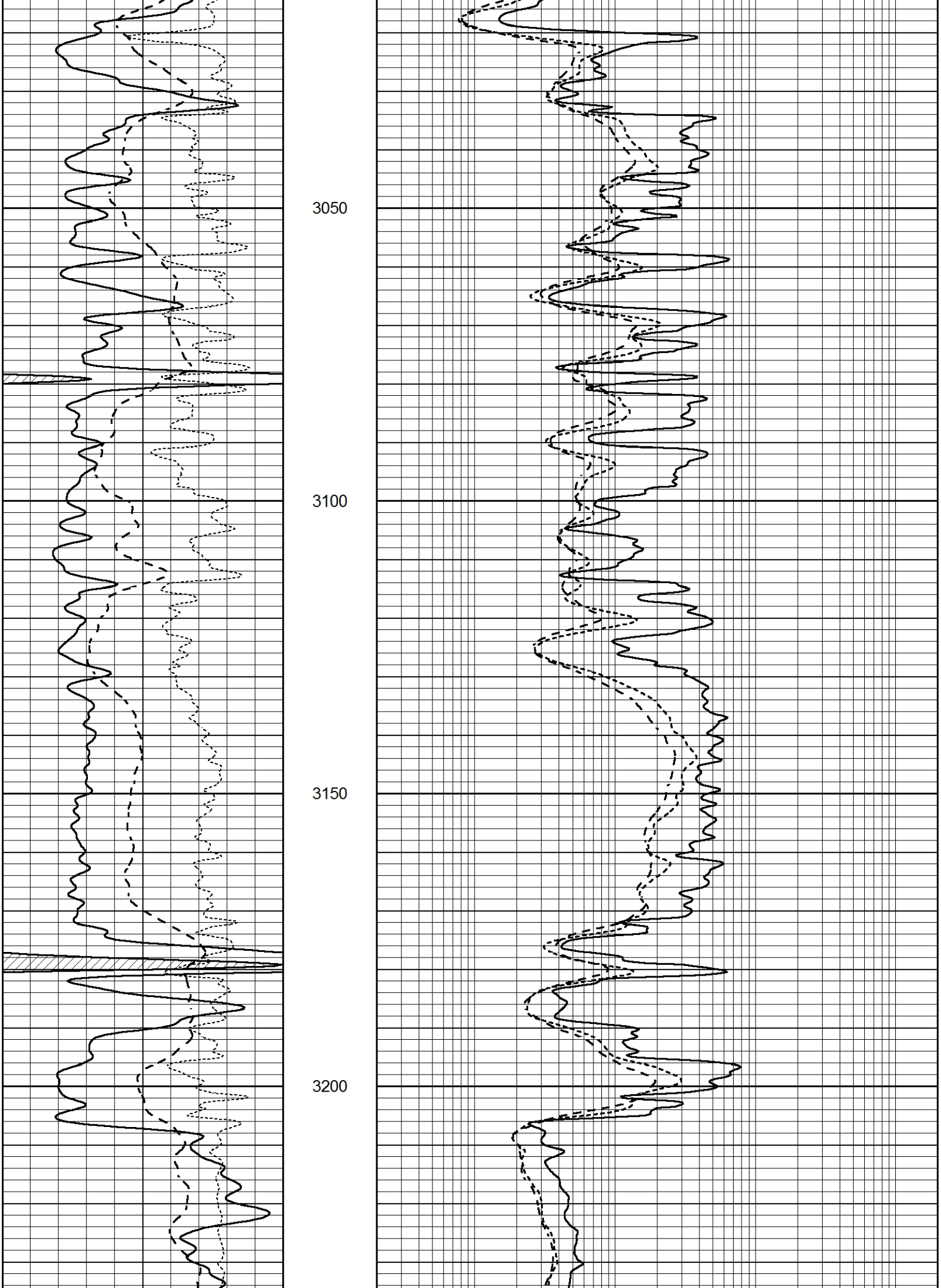
MAIN SECTION

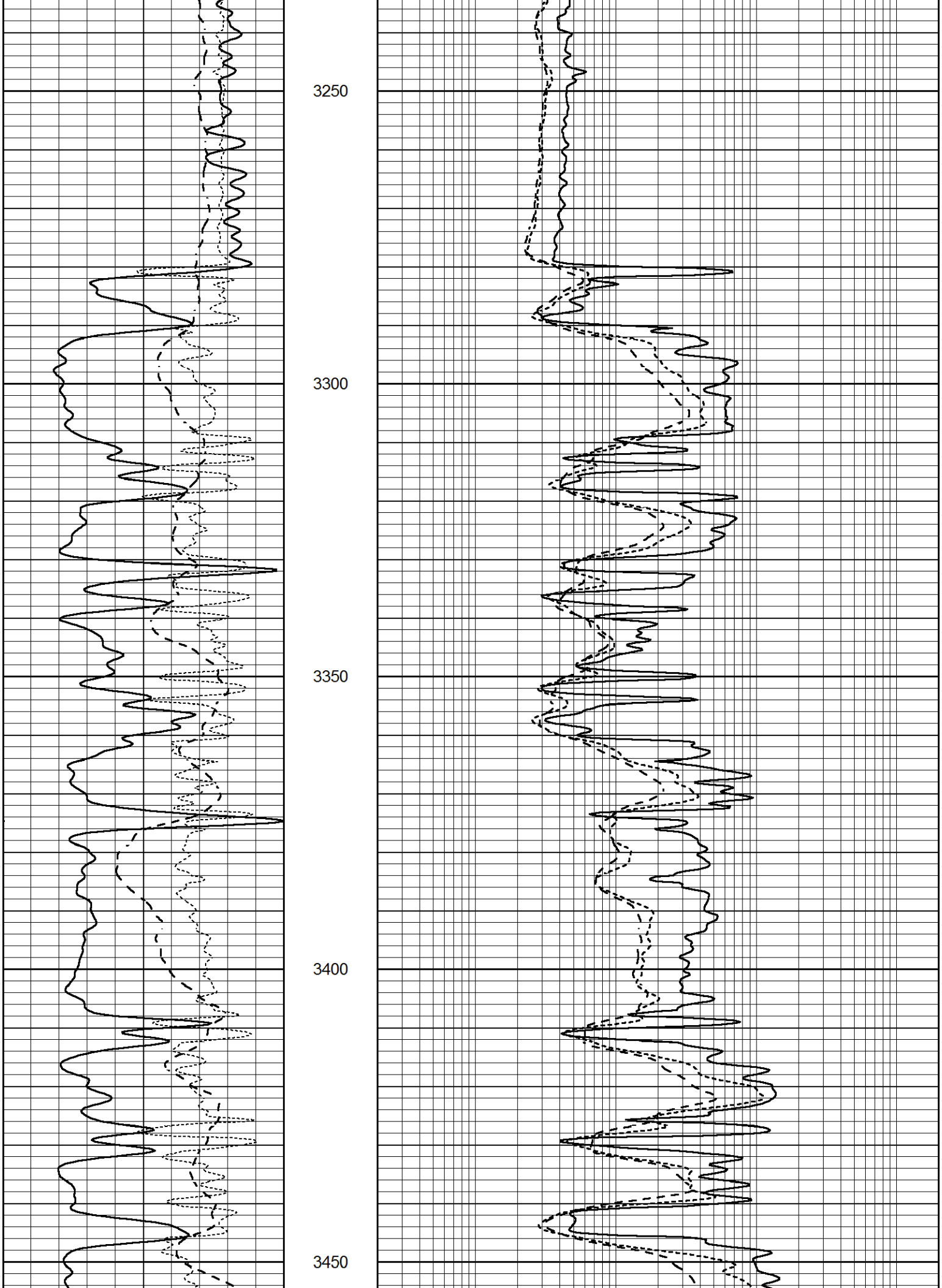
Database File	8916ddn.db
Dataset Pathname	pass4D
Presentation Format	_dil
Dataset Creation	Mon Sep 02 19:50:47 2024
Charted by	Depth in Feet scaled 1:240

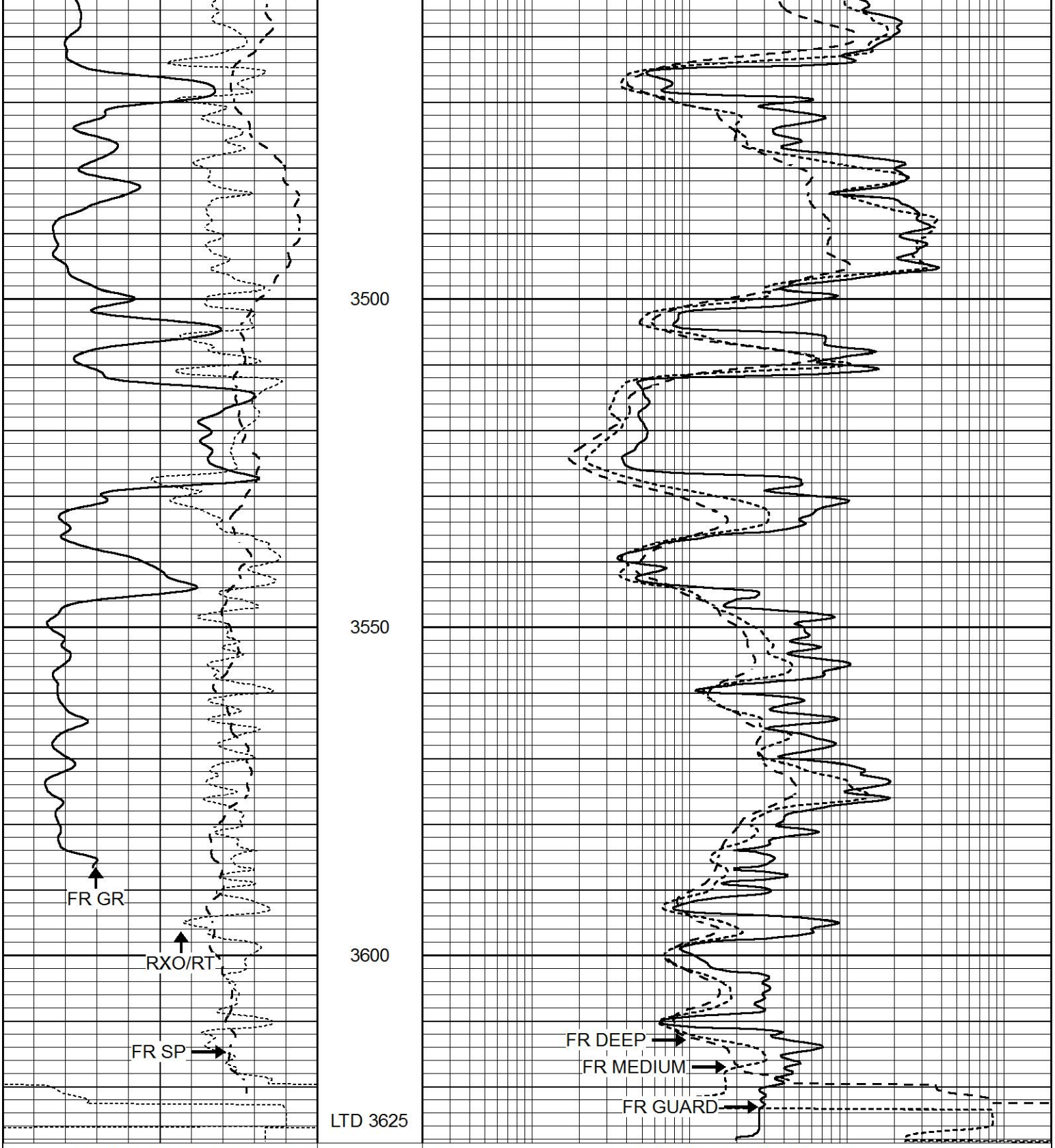
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50

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


DEEP INDUCTION (OHM-M)
2800
2850
2900
2950
3000


3050
3100
3150
3200


3250
3300
3350
3400
3450



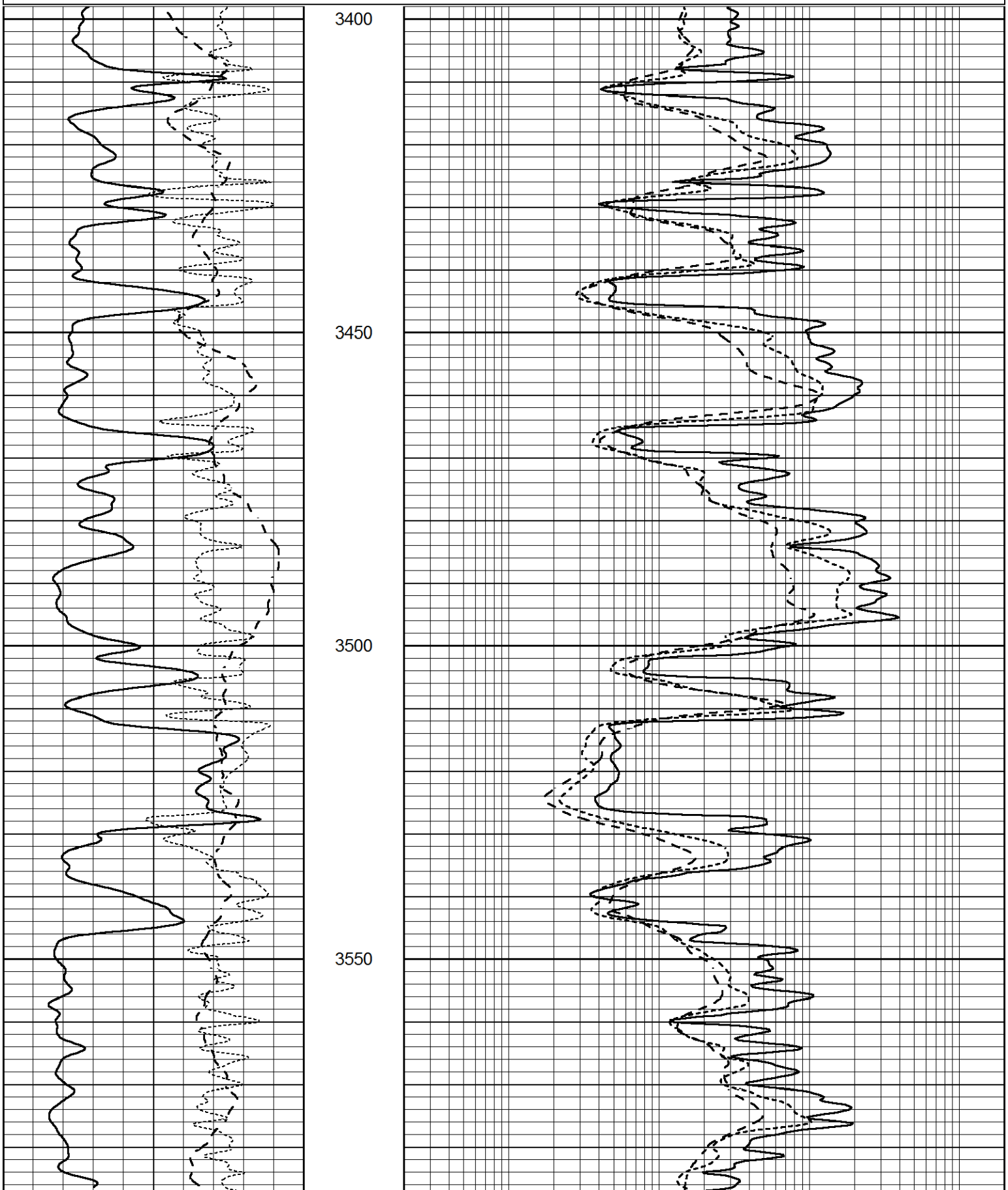
REPEAT SECTION

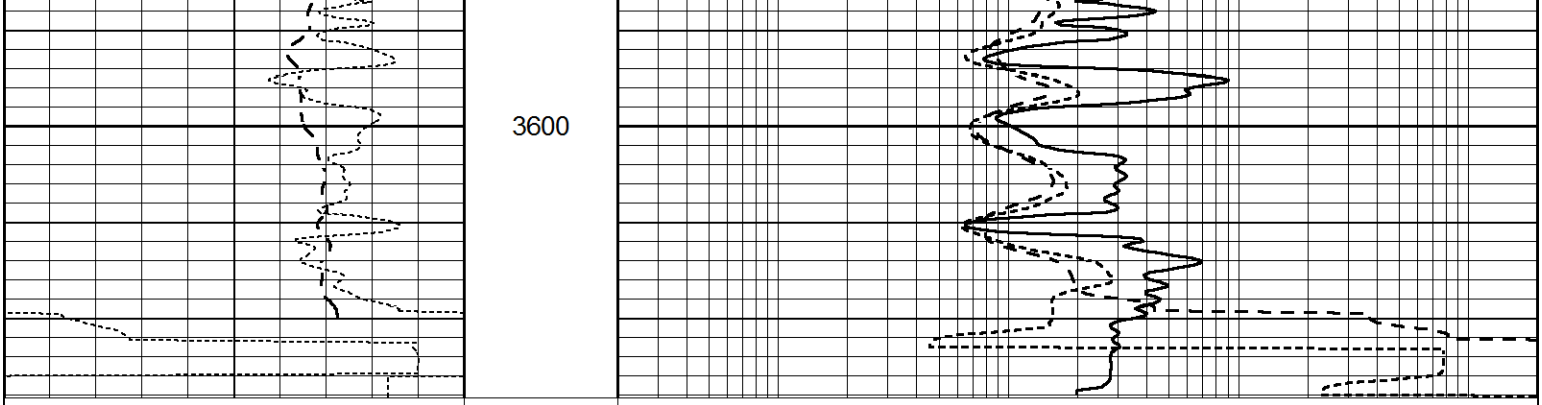
Database File 8916ddn.db

Dataset Pathname	pass3R
Presentation Format	_dil
Dataset Creation	Mon Sep 02 19:44:01 2024
Charted by	Depth in Feet scaled 1:240

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

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





Calibration Report

Database File	8916ddn.db
Dataset Pathname	pass4M
Dataset Creation	Mon Sep 02 20:11:14 2024

Dual Induction Calibration Report

Serial-Model:	FW1410-56-Probe
Surface Cal Performed:	Tue Apr 30 11:10:17 2024
Downhole Cal Performed:	Tue Jul 25 12:15:37 2017
After Survey Verification Performed:	Tue Jul 25 12:15:38 2017

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.765	V	1.000	400.000	mmho/m	520.000	18.000
Medium	-0.056	0.761	V	1.000	464.000	mmho/m	540.000	195.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.005	0.624	V	0.000	400.000	mmho/m	645.611	-3.034
Medium	0.012	0.721	V	0.000	464.000	mmho/m	653.591	-7.532

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.647	301.329	mmho/m	-0.780	336.378	mmho/m	1.117	-0.058
Medium	38.256	411.013	mmho/m	39.046	441.706	mmho/m	1.080	-2.280
LL3		7.471	V		2500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.085	V		4000.000	mmho-m		

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.647	301.329	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	38.256	411.013	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Litho Density Calibration Report

Serial: 003 Model: PRB

Master Calibration — Performed Mon May 22 11:42:40 2023

	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	1512.3	7465.7	2749.0	2519.6	cps
Window 2	1398.8	6705.7	2507.3	2313.8	cps
Window 3	1289.2	5259.5	2124.1	2009.6	cps
Window 4	351.1	351.6	351.8	353.2	cps
Long Space	0.0	5306.9	1108.5	915.0	cps
Short Space	3.3	2239.9	1441.2	1212.0	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	

Rib Angle	: 44.3	Rib Slope	: 0.975	Density/Spine Ratio	: 0.541
Spine Angle	: 74.3	Spine Slope	: 3.551	Spine Intercept	: -18.8

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: 080621PMC
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:	46001	
Tool Model:	Probe1	
Performed:	Thu Apr 20 09:55:57 2023	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.4300	GAPI/cps