



COMPENSATED DENSITY/NEUTRON PE LOG

Company WEBSTER OIL, LLC.

Well BUSH "B" #28

Field FOX BUSH COUCH

County BUTLER State KANSAS

Location: API #: 15-015-24173-0000

1676' FNL & 1414' FWL

SW - NW - SE - NW

SEC 19 TWP 29S RGE 6E

Permanent Datum GROUND LEVEL Elevation 1346
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL

Elevation

K.B. 1355
D.F. 1353
G.L. 1346

Date 12/20/22

Run Number ONE

Depth Driller 2994

Depth Logger 2995

Bottom Logged Interval 2971

Top Log Interval 1500

Casing Driller 8 5/8" @ 210'

Casing Logger 212

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD CHLORIDES: N/A

Density / Viscosity 9.4/50

pH / Fluid Loss N/A

Source of Sample FLOWLINE

Rm @ Meas. Temp 3.00 @ 53F

Rmf @ Meas. Temp 2.25 @ 53F

Rmc @ Meas. Temp 3.60 @ 53F

Source of Rmf / Rmc MEASURED

Rm @ BHT 1.49 @ 107F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 9:30 P.M.

Maximum Recorded Temperature 107F

Equipment Number 8916

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By ROGER MARTIN

Comments

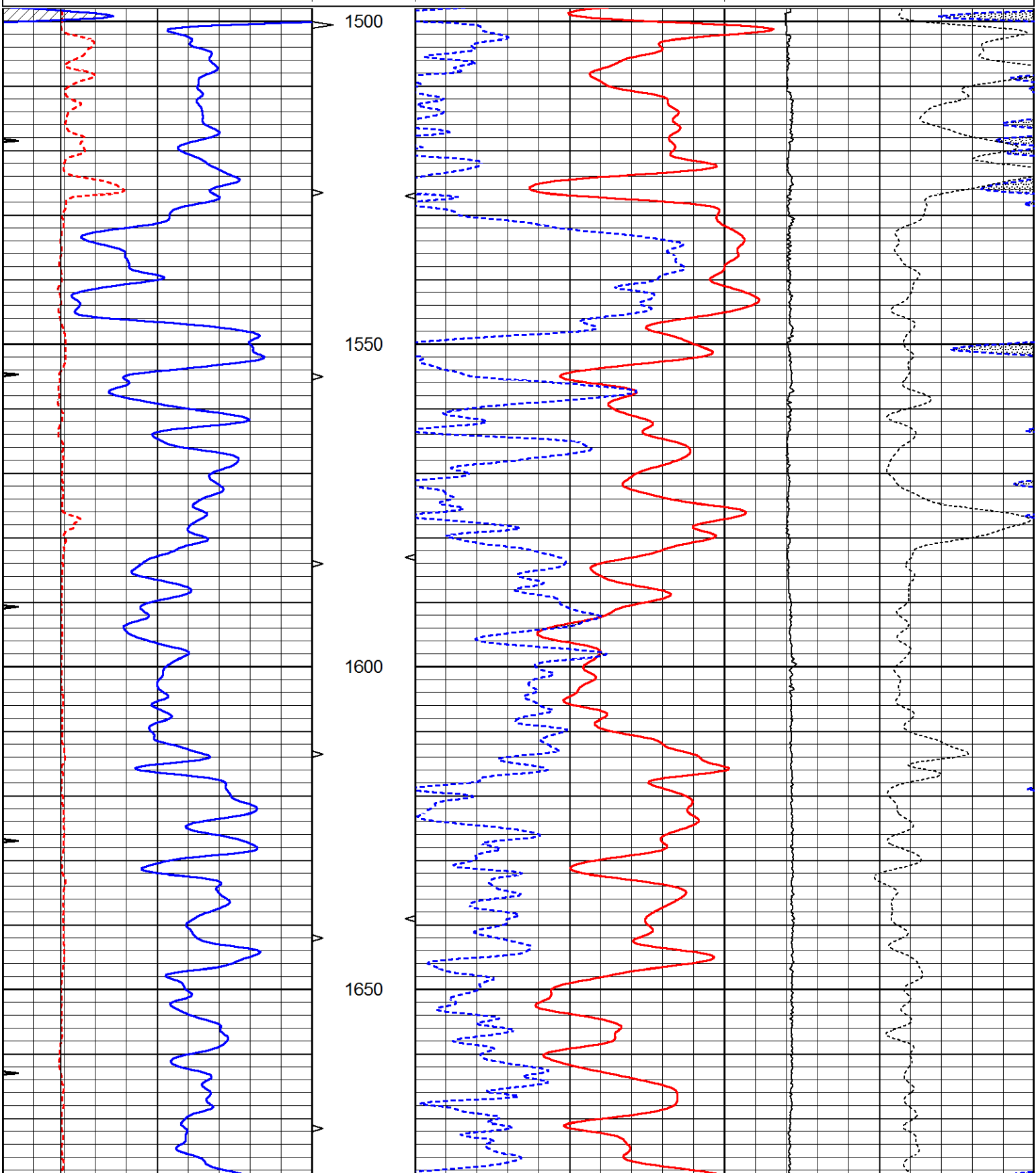
THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395
DIRECTIONS:
SMILEYVILLE, KS., 4E. ON "RD. 210", S. INTO ON TRAIL

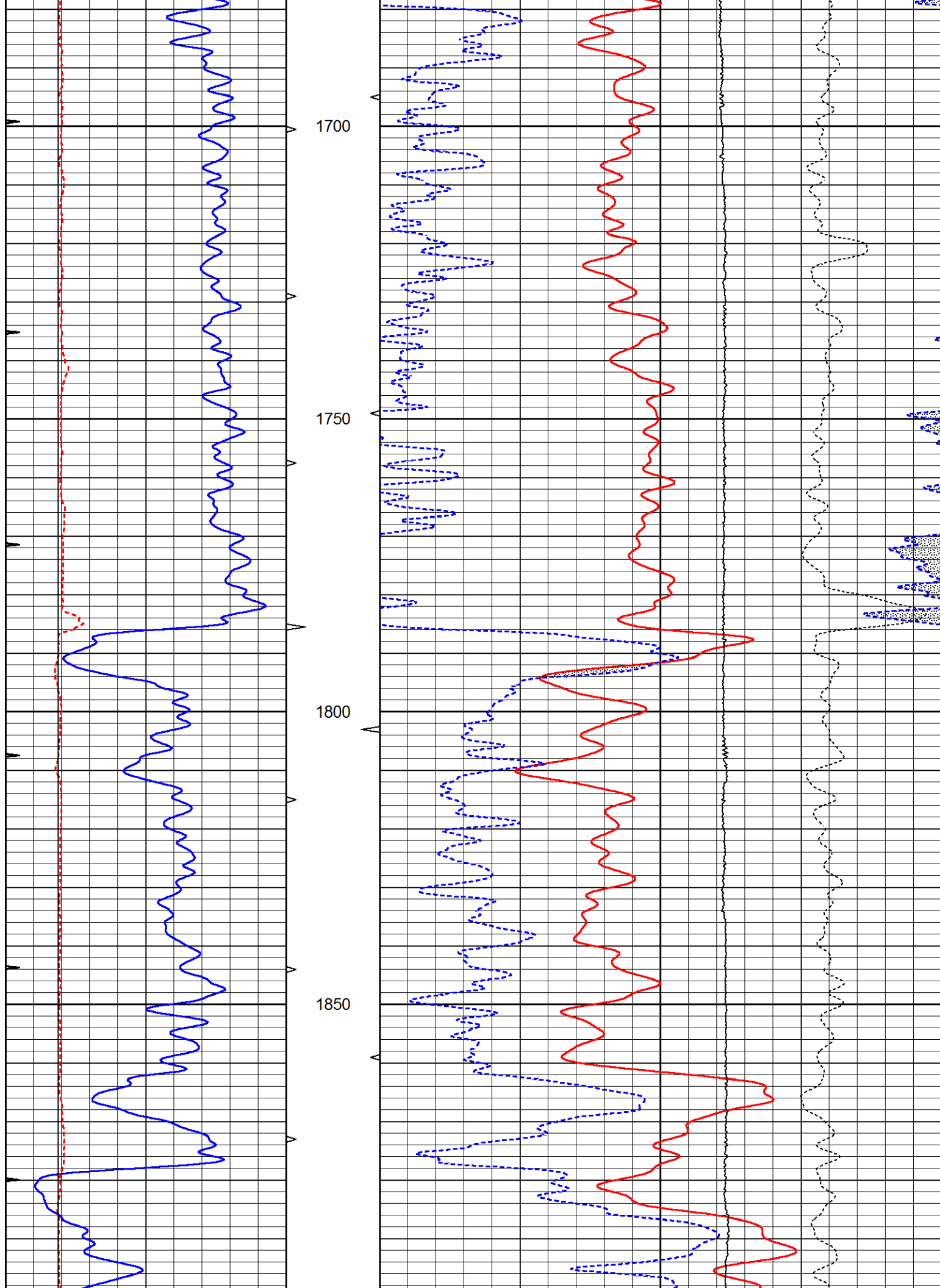


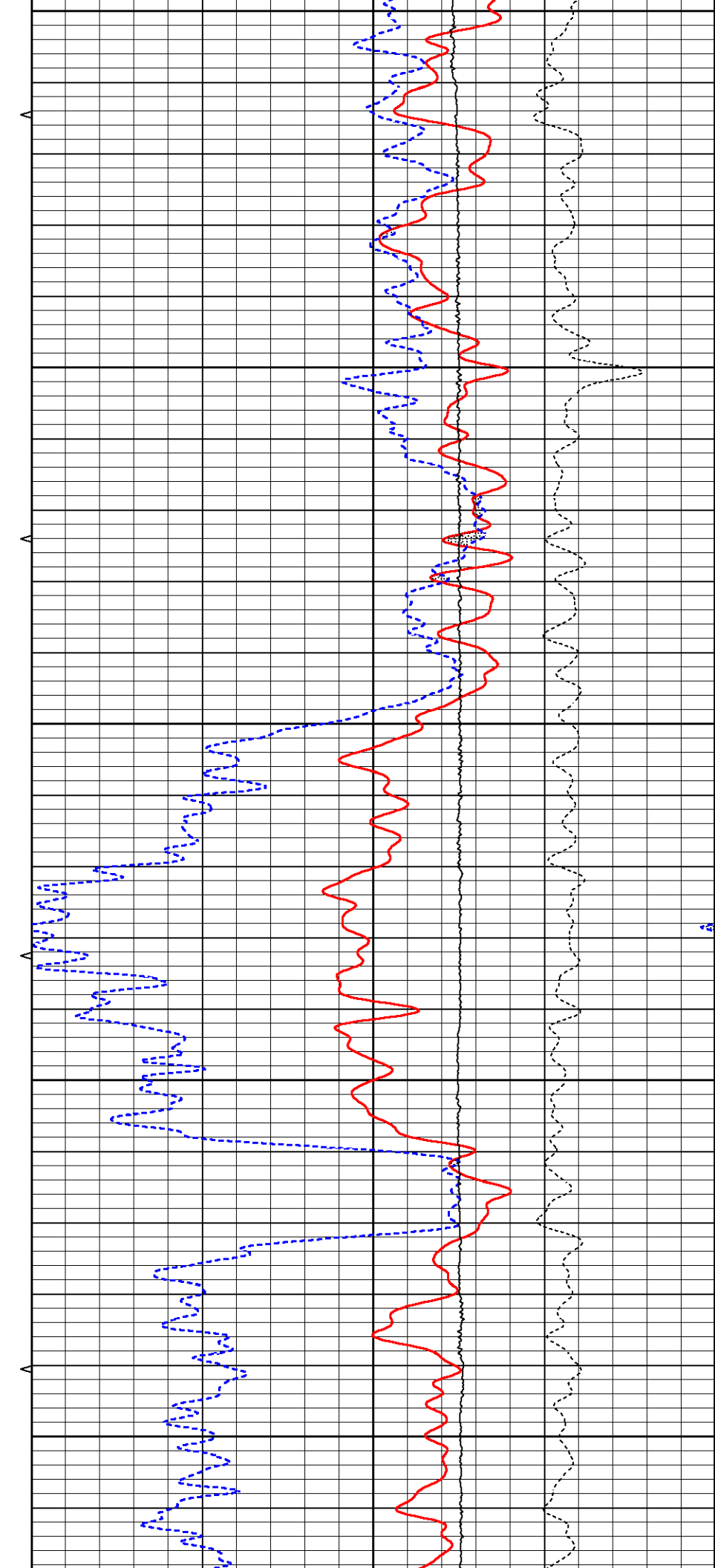
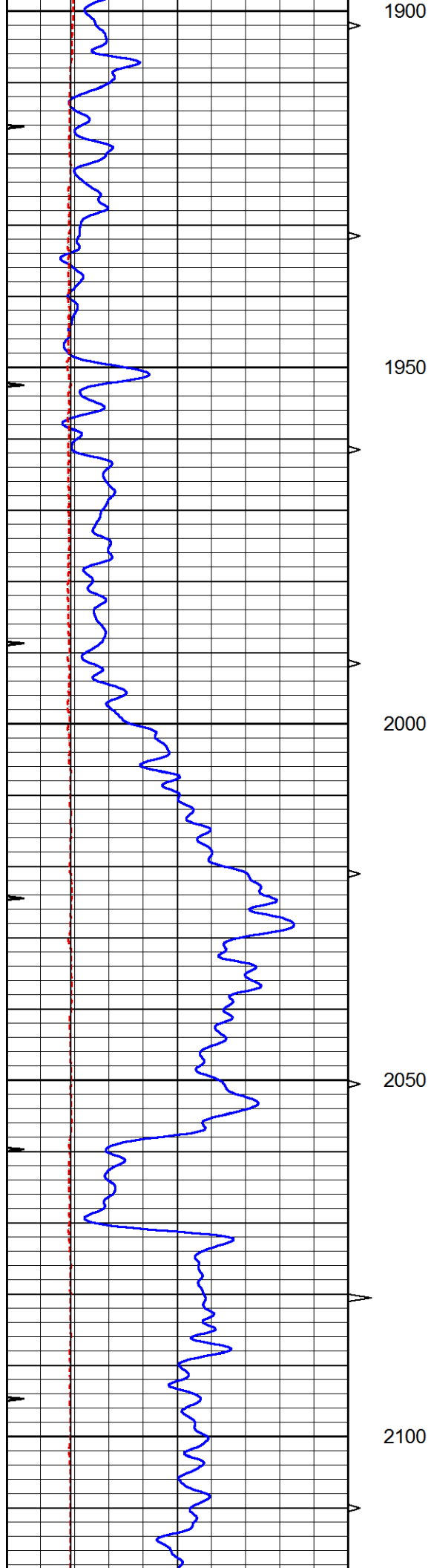
MAIN SECTION

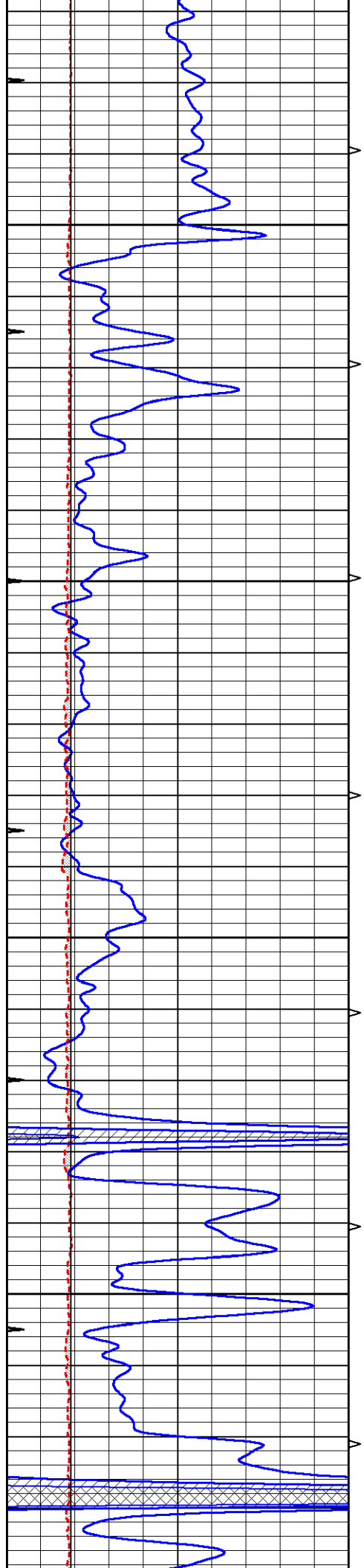
Database File	6823pe.db
Dataset Pathname	pass3.1M
Presentation Format	den_neu
Dataset Creation	Tue Dec 20 23:19:01 2022
Charted by	Depth in Feet scaled 1:240

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			-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10		0	LTEN (lb)	5000	







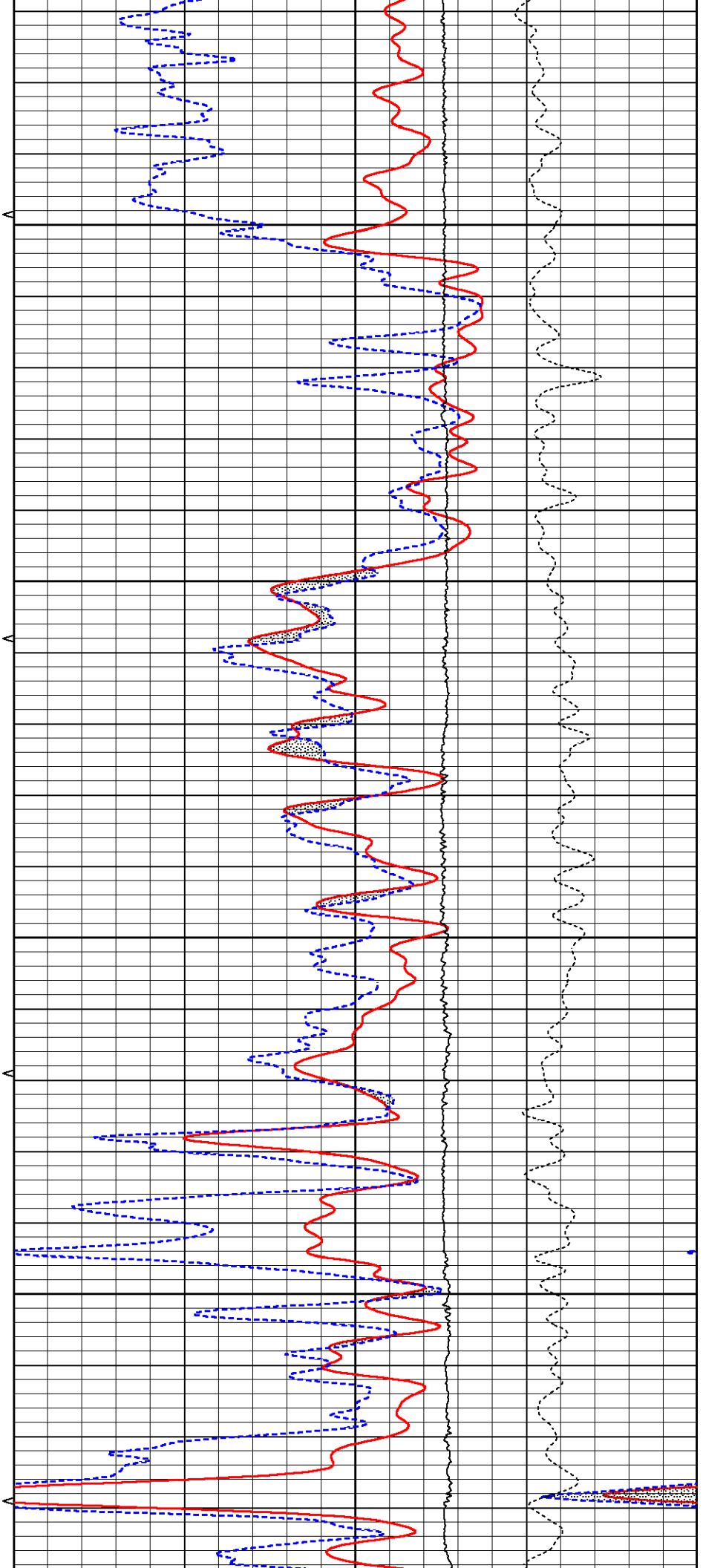


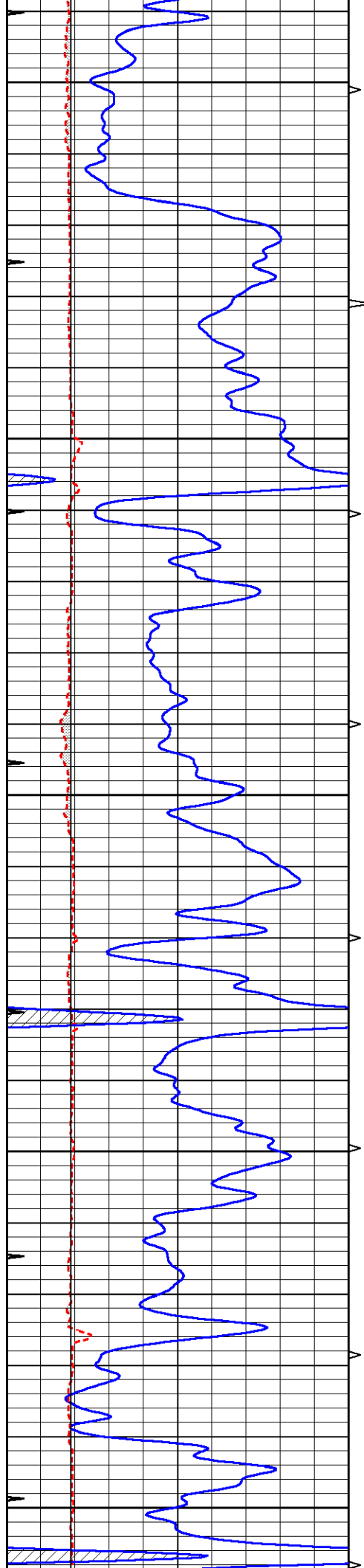
2150

2200

2250

2300





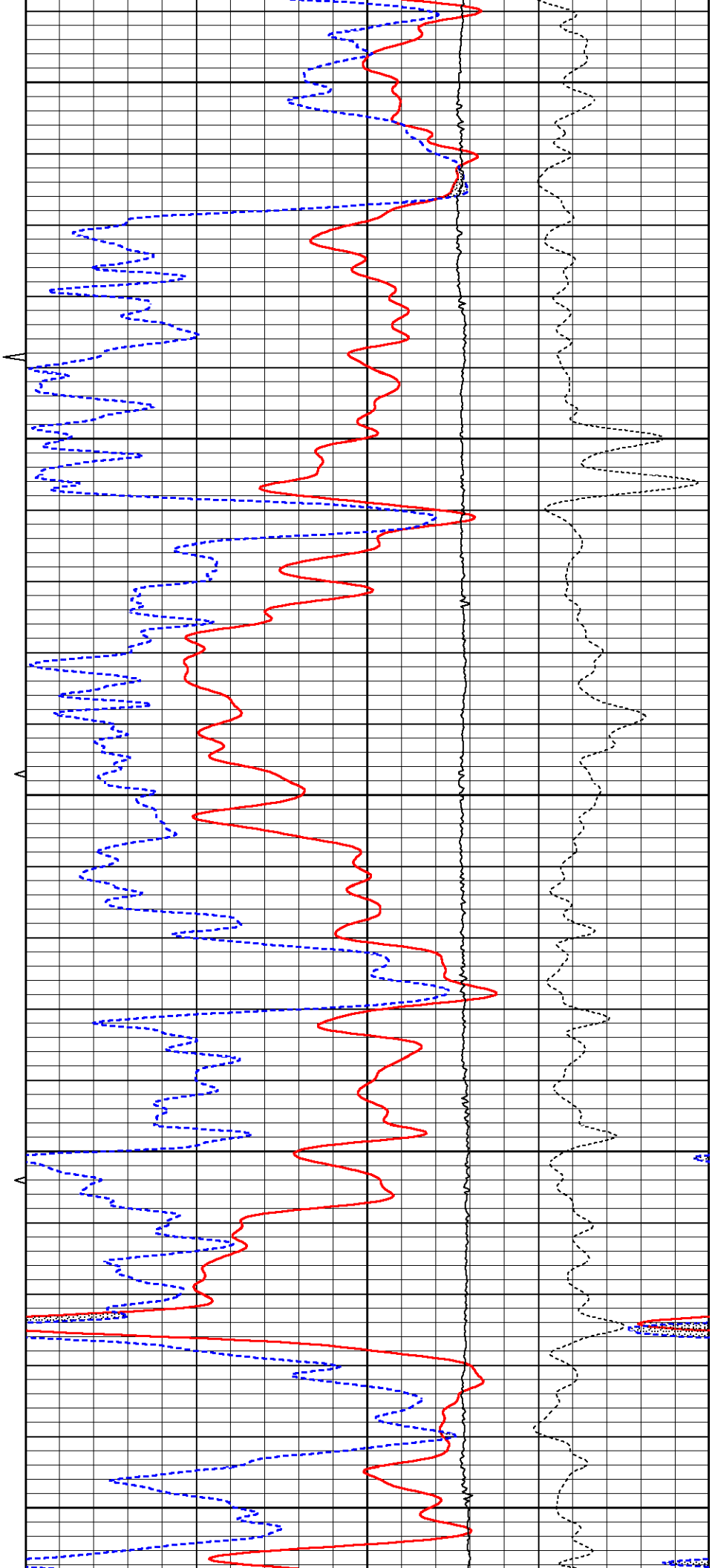
2350

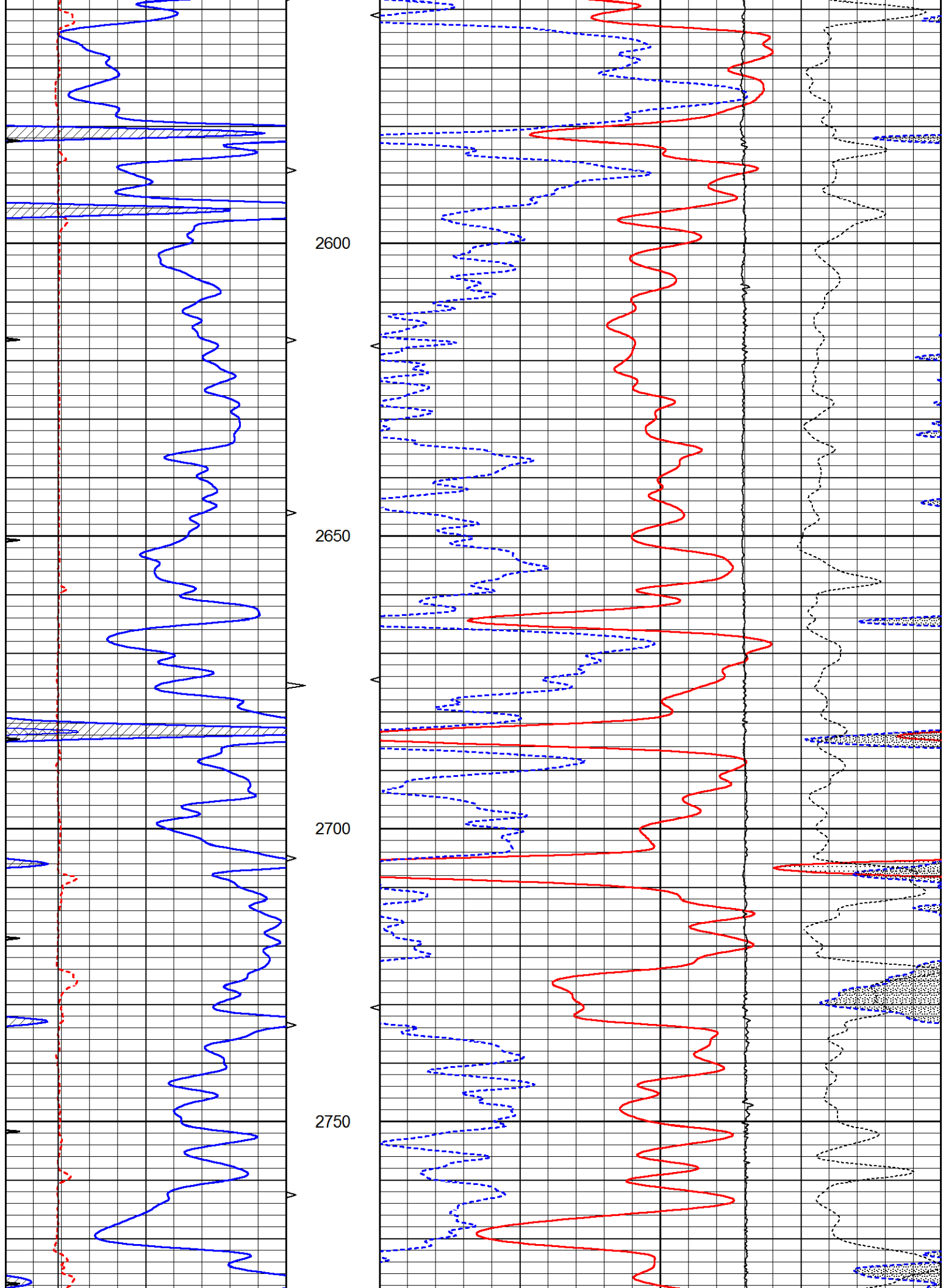
2400

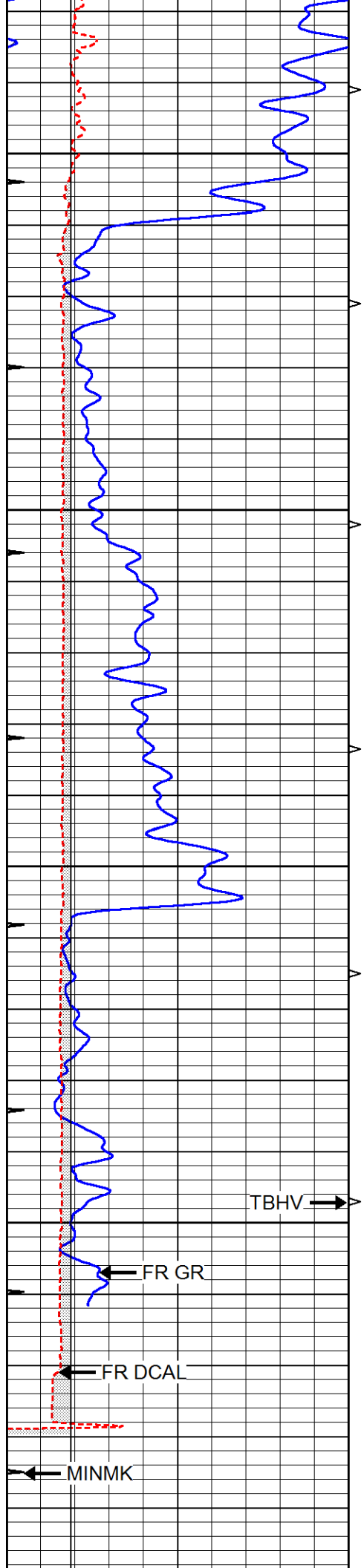
2450

2500

2550







2800

2850

2900

2950

5.5" ABHV

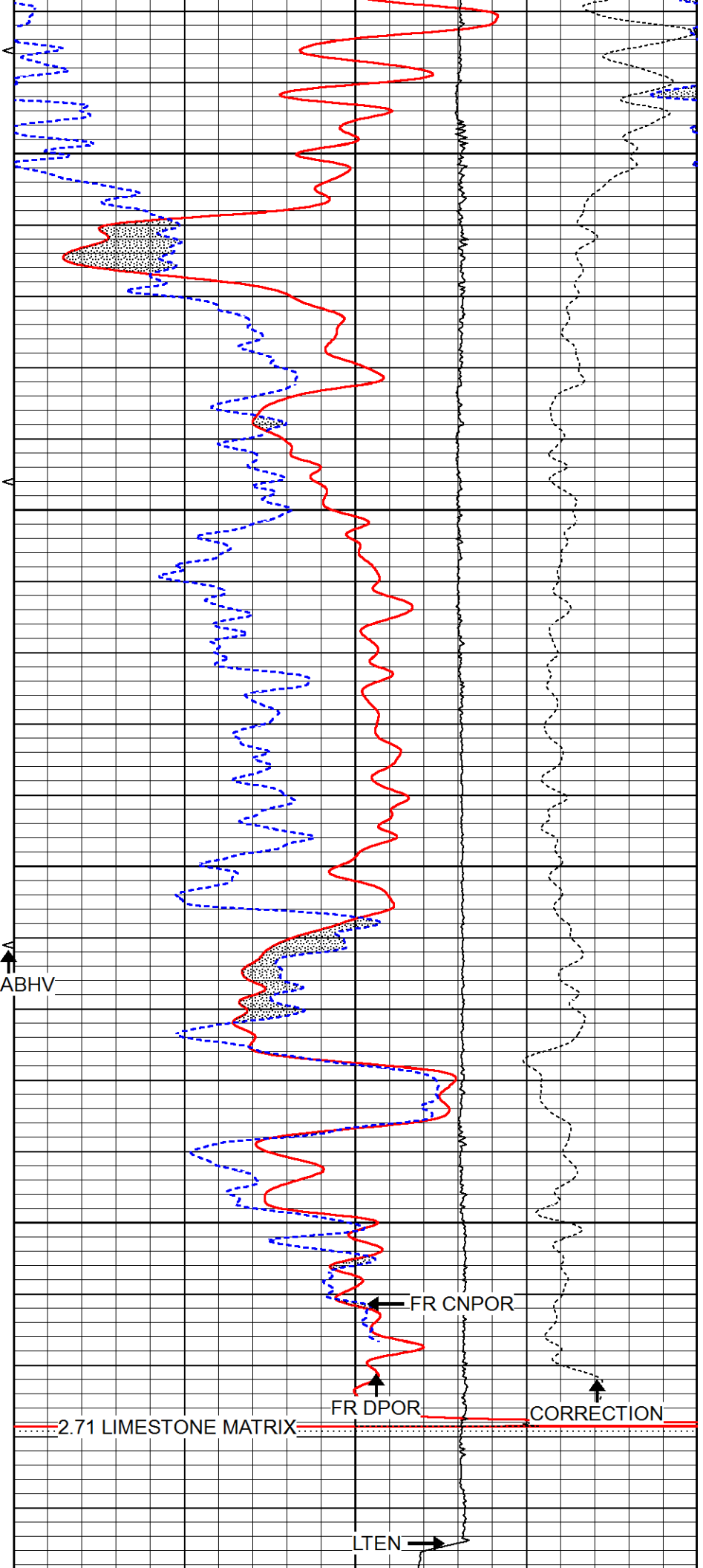
FR GR

FR DCAL

MINMK

TBHV

LTD 2995



2.71 LIMESTONE MATRIX

FR CNPOR

FR DPOR

CORRECTION

LTEN

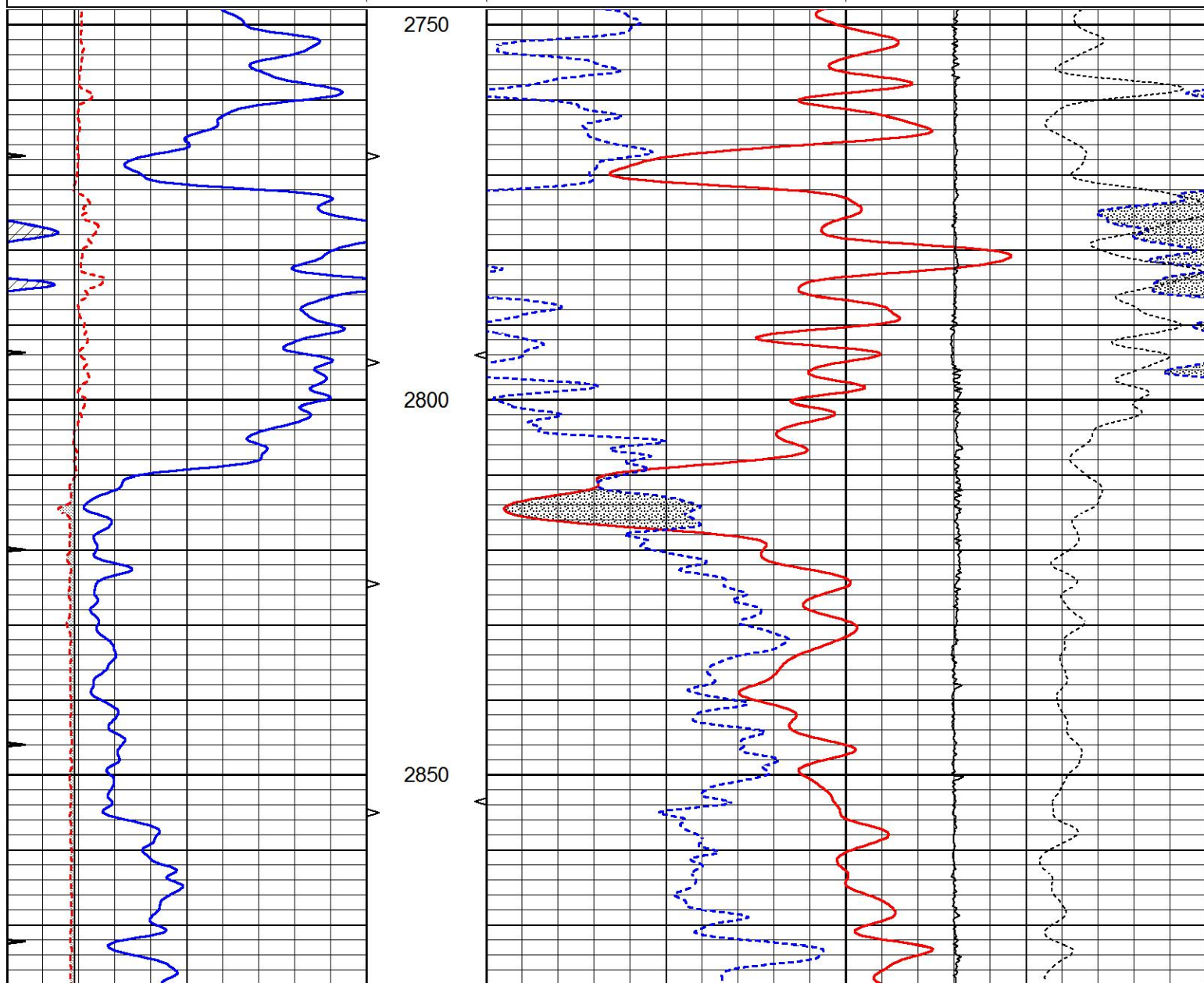
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV	-0.25	CORRECTION (g/cc)	0.25
		0 (ft3) 10		0	LTEN (lb)	5000

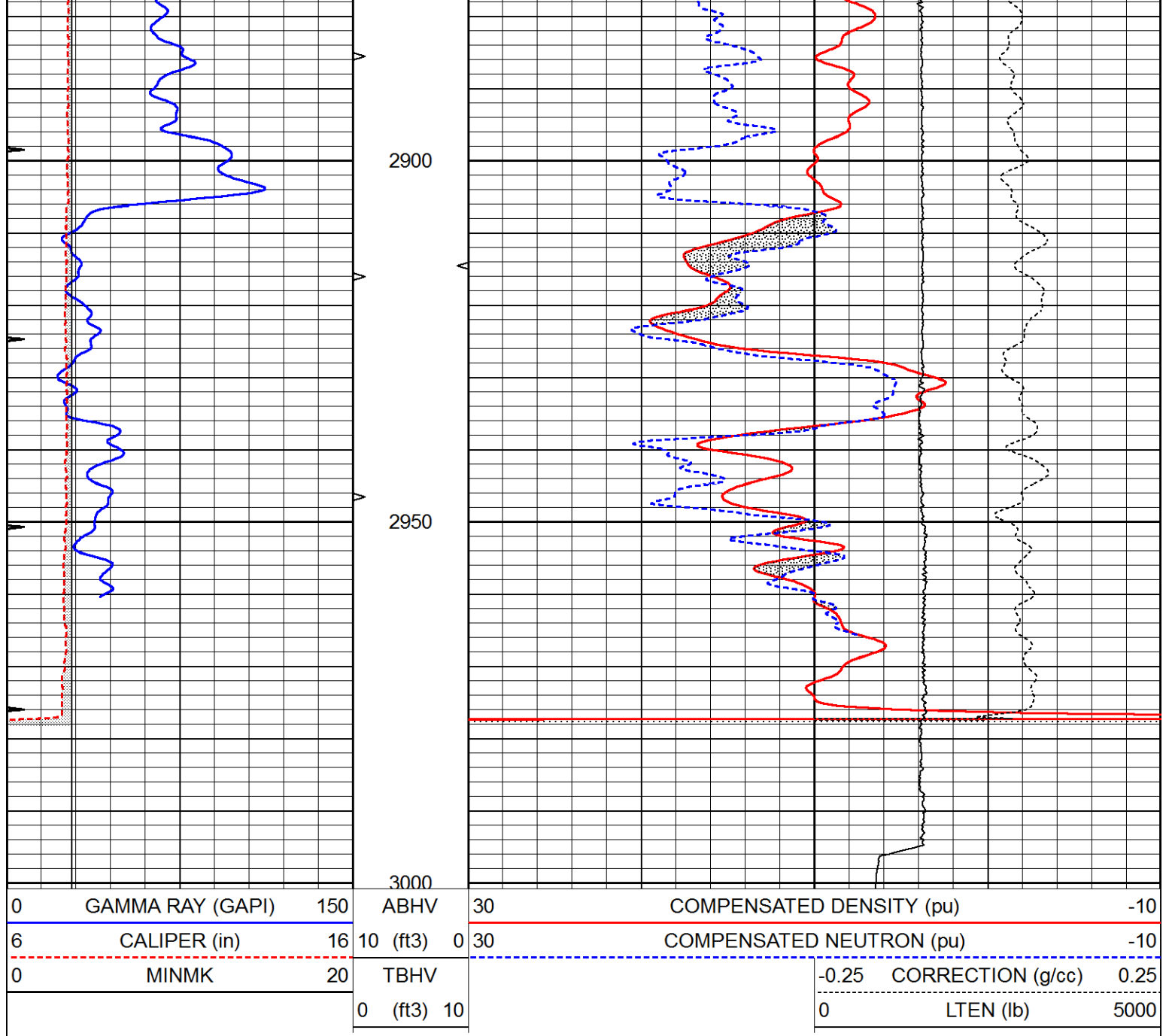


REPEAT SECTION

Database File 6823pe.db
 Dataset Pathname pass2.1R
 Presentation Format den_neu
 Dataset Creation Tue Dec 20 22:46:57 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	-0.25	CORRECTION (g/cc)	0.25
		0 (ft3) 10		0	LTEN (lb)	5000





Calibration Report

Database File 6823pe.db
 Dataset Pathname pass3.1M
 Dataset Creation Tue Dec 20 23:19:01 2022

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
 Surface Cal Performed: Tue Dec 20 22:46:07 2022
 Downhole Cal Performed: Mon Sep 10 14:28:38 2018
 After Survey Verification Performed: Mon Sep 10 14:28:40 2018

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	620.000	4.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	620.000	-12.000
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: 004 Model: PRB								
Master Calibration			Performed Fri Nov 04 15:19:59 2022					
	Background	Magnesium		Aluminum		Aluminum+Fe		
Window 1	1153.2	7232.1		2536.8		2279.5		cps
Window 2	1055.6	6225.5		2222.3		2030.5		cps
Window 3	902.5	3849.3		1546.4		1462.0		cps
Window 4	254.4	258.2		253.1		253.9		cps
Long Space	0.0	5169.9		1166.7		974.9		cps
Short Space	4.7	1383.0		950.5		792.1		cps
Rho		1.7100		2.5900		0.0000		g/cc
Pe		2.0000		2.7500		5.7900		
Rib Angle	: 45.9	Rib Slope	: 1.031	Density/Spine Ratio		: 0.573		
Spine Angle	: 75.9	Spine Slope	: 3.970	Spine Intercept		: -20.2		
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	
Compensated Neutron Calibration Report					
Serial Number:		6I			
Tool Model:		G			
CALIBRATION					
Detector		Readings		Target	
				Normalization	
Short Space		1.00	cps	1.00	cps
Long Space		1.00	cps	1.00	cps
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		cps		
	Long Space		cps	pu	
POST-SURVEY VERIFICATION					
Detector		Readings		Measured	
				Target	
1)	Short Space		cps		
	Long Space		cps	pu	pu
2)	Short Space		cps		
	Long Space		cps	pu	pu
3)	Short Space		cps		
	Long Space		cps	pu	pu
Gamma Ray Calibration Report					
Serial Number:		GR6			
Tool Model:		OPEN			
Performed:		Tue Nov 08 13:43:57 2022			
Calibrator Value:		150.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		276.0	cps		
Sensitivity:		0.8500	GAPI/cps		