



COMPENSATED DENSITY/NEUTRON LOG

Company PALOMINO PETROLEUM, INC.

Well LIMELIGHT #1

Field ZELLER

County RUSH State KANSAS

Location: API #: 15-165-22179-0000

667' FSL & 252' FEL
SE - NE - SE - SE

SEC 6 TWP 17S RGE 20W

Permanent Datum GROUND LEVEL Elevation 2144
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL

Elevation

K.B. 2152
D.F. 2150
G.L. 2144

Date 7/4/22

Run Number ONE

Depth Driller 4149

Depth Logger 4150

Bottom Logged Interval 4126

Top Log Interval 3300

Casing Driller 8 5/8" @ 478'

Casing Logger 478

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.2/60

pH / Fluid Loss 10.5/6.8

Source of Sample FLOWLINE

Rm @ Meas. Temp .410 @ 86F

Rmf @ Meas. Temp .308 @ 86F

Rmc @ Meas. Temp .492 @ 86F

Source of Rmf / Rmc MEASURED

Rm @ BHT .301 @ 117F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 6:15 A.M.

Maximum Recorded Temperature 117F

Equipment Number 8916

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By RYAN SEIB

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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

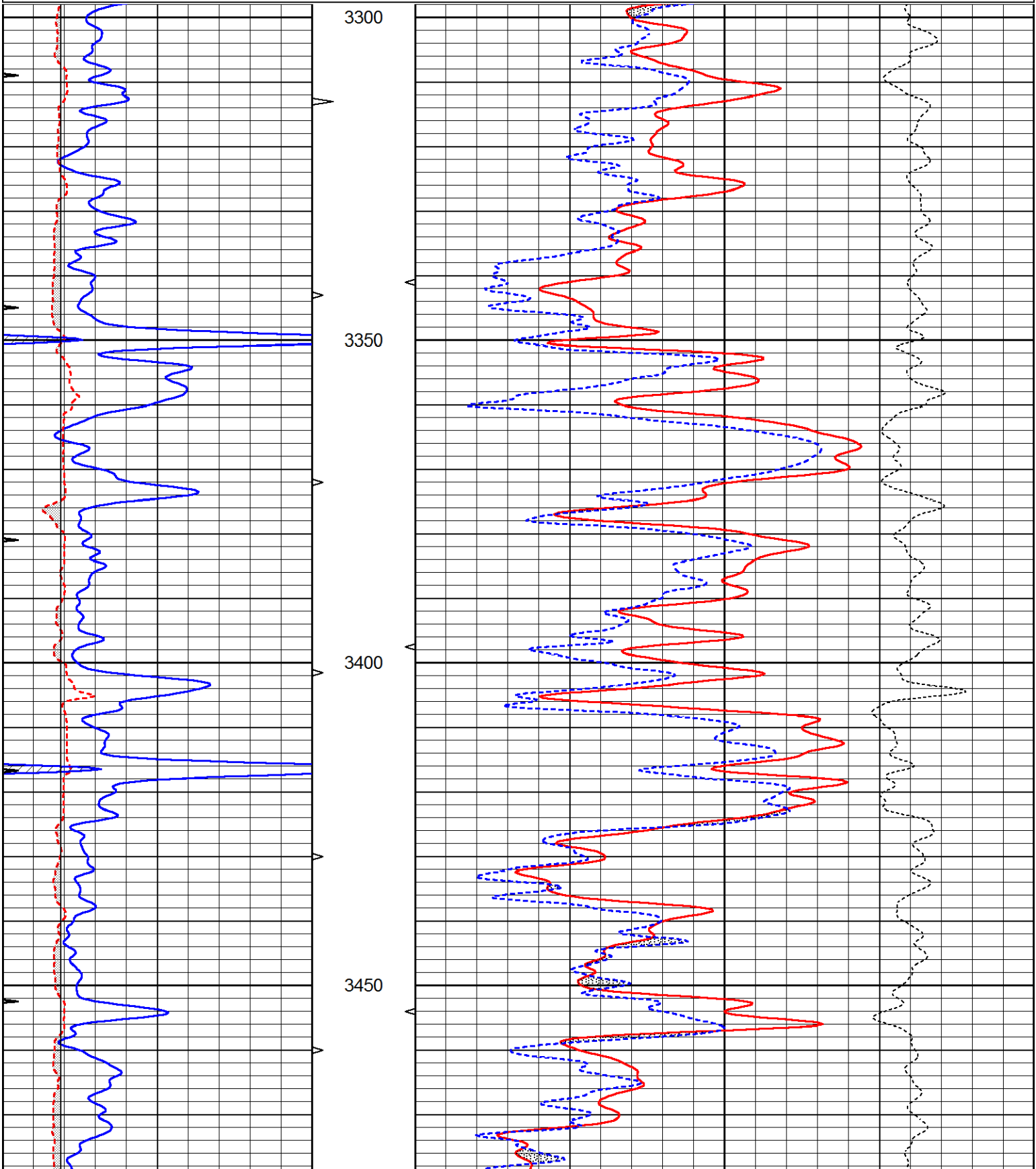
THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395
DIRECTIONS:
McCRACKEN, KS., 1N. ON HWY 4, W. INTO

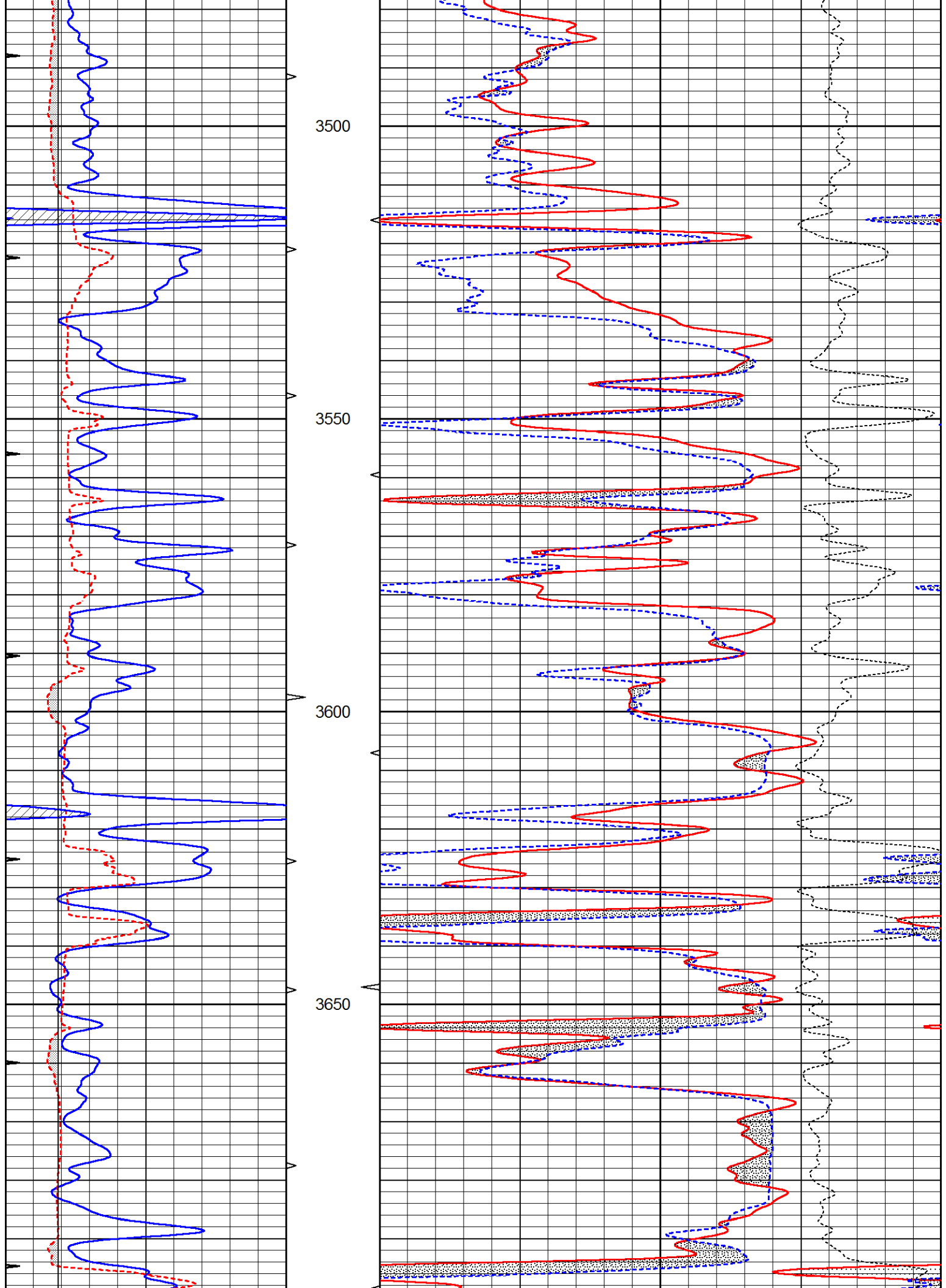


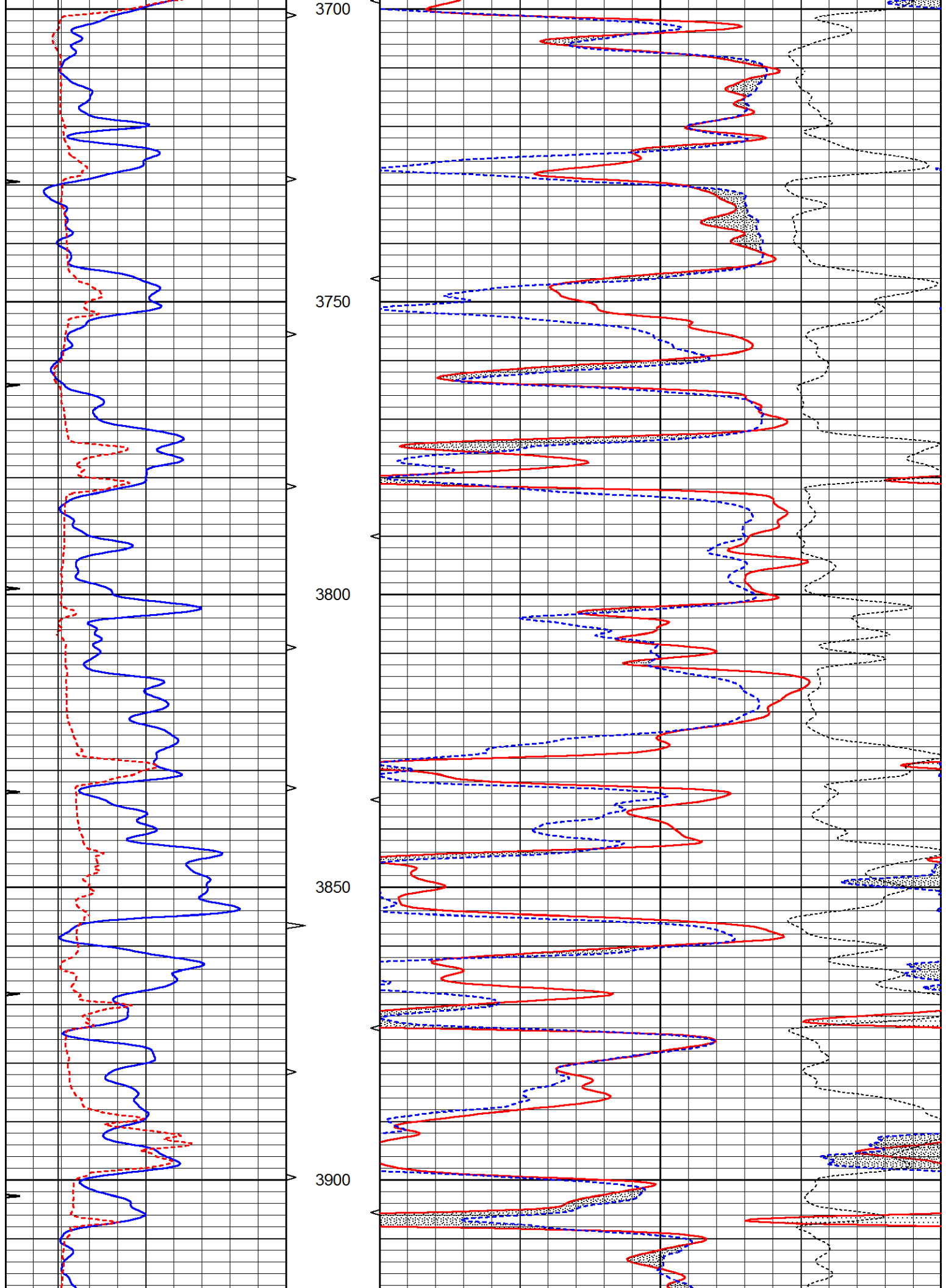
MAIN SECTION

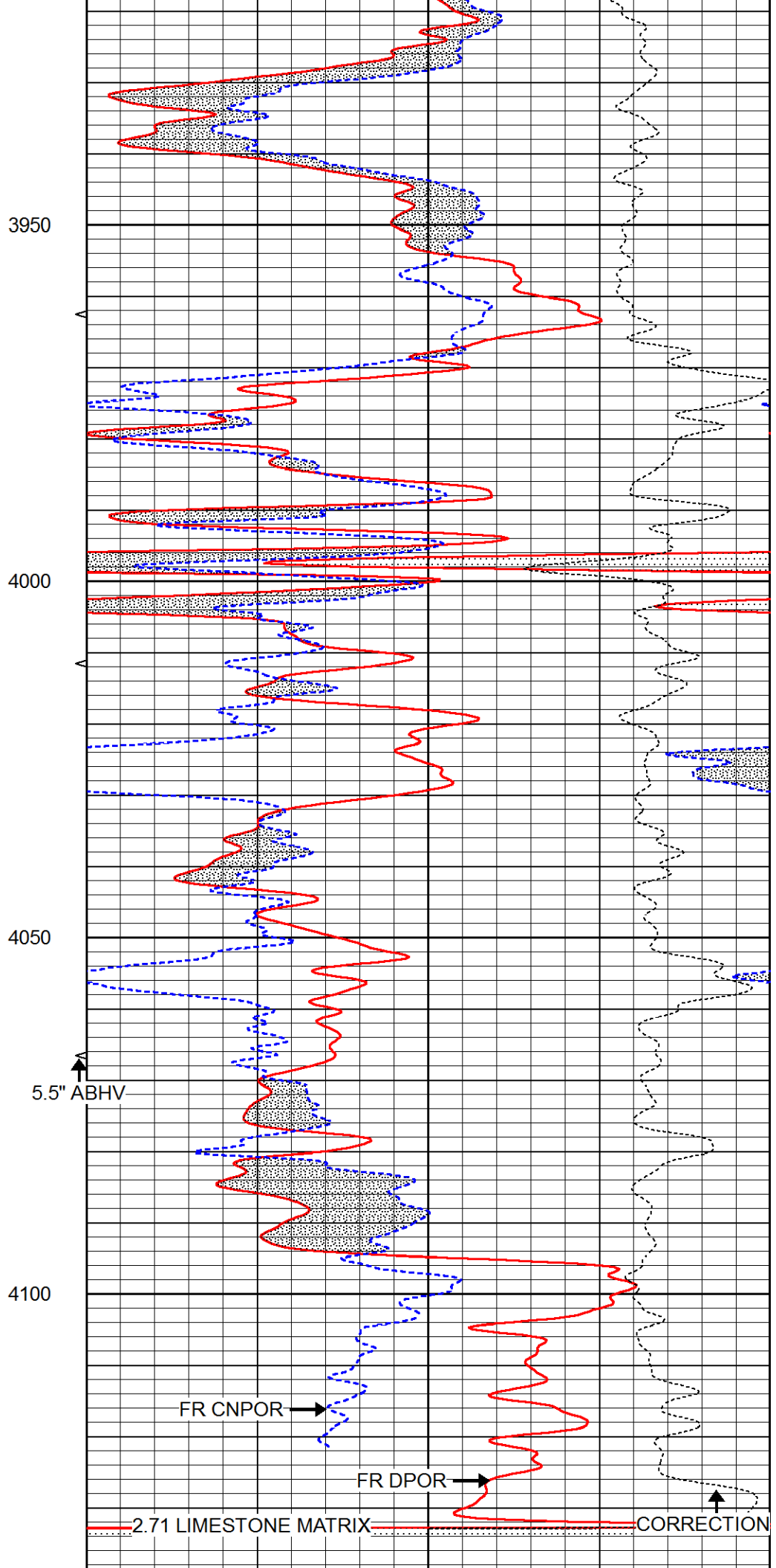
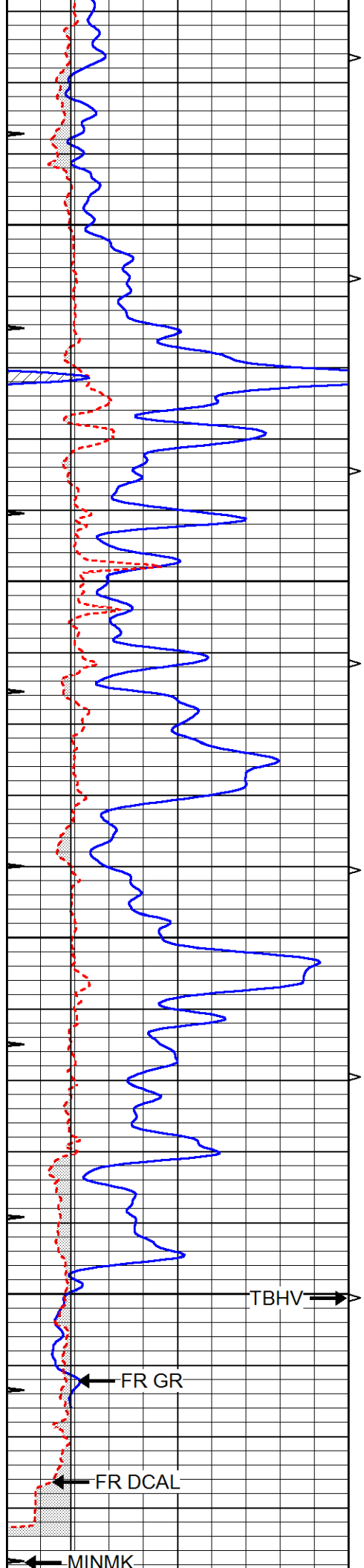
Database File	6705ddn.db
Dataset Pathname	pass3.1M
Presentation Format	den_neu
Dataset Creation	Mon Jul 04 07:50:03 2022
Charted by	Depth in Feet scaled 1:240

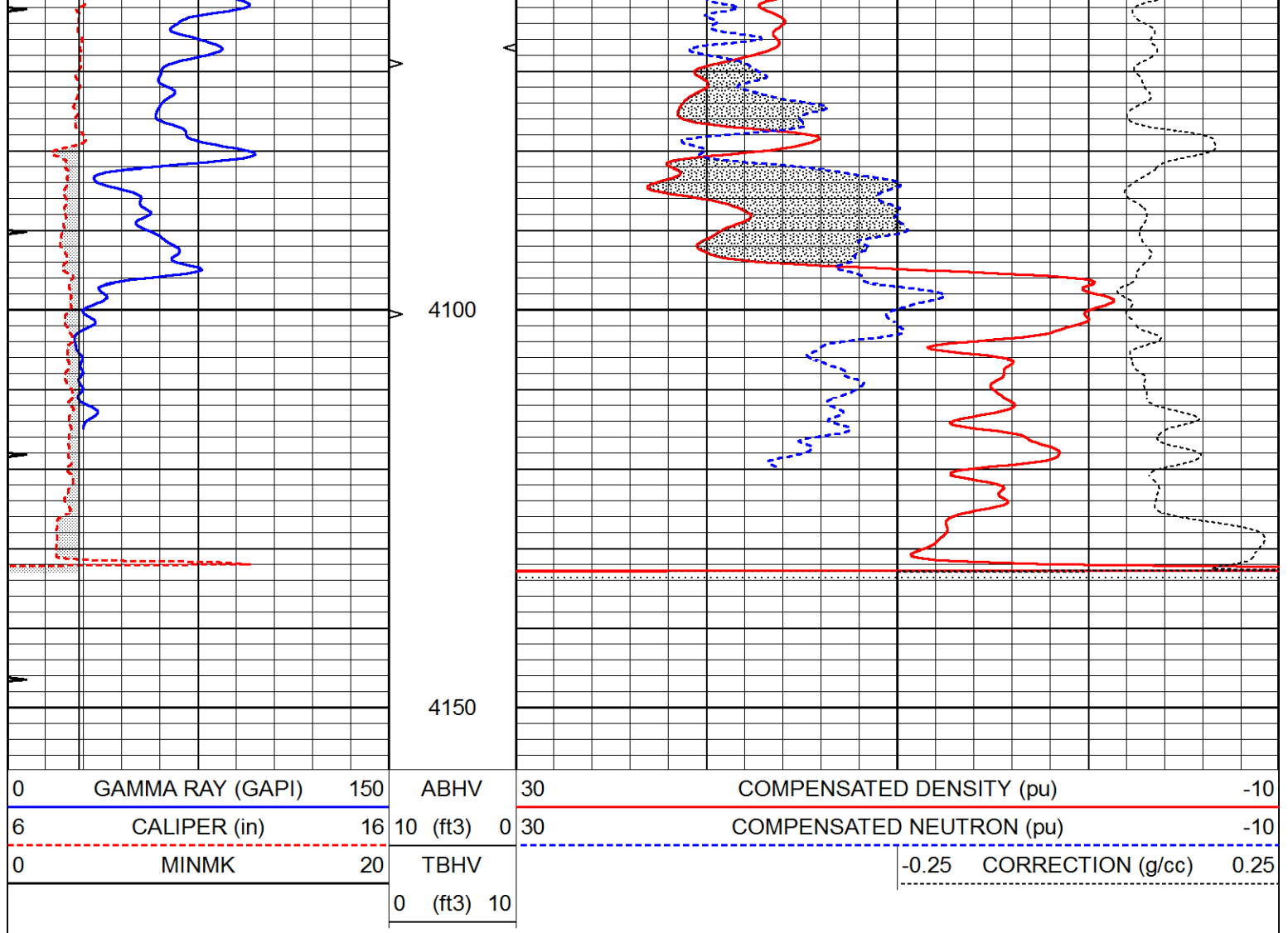
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			-10	
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)			-10
0	MINMK	20	TBHV			-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10					











Calibration Report									
Database File	6705ddn.db								
Dataset Pathname	pass3.1M								
Dataset Creation	Mon Jul 04 07:50:03 2022								
Dual Induction Calibration Report									
Serial-Model:					PROBE8-DILG				
Surface Cal Performed:					Sun Jul 03 13:40:17 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	2.000	
Medium	0.029	0.796	V	0.000	464.000	mmho/m	600.000	-9.000	
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: 001N Model: PRB								
Master Calibration					Performed Thu Mar 19 11:30:16 2020			
	Background		Magnesium		Aluminum		Aluminum+Fe	
Window 1	1572.2		7510.8		2837.3		2643.1	cps
Window 2	1446.2		6523.9		2552.8		2409.9	cps
Window 3	1060.9		3611.4		1731.5		1684.8	cps
Window 4	145.5		363.4		363.2		368.1	cps
Long Space	0.0		5077.7		1106.6		963.7	cps
Short Space	3.1		1709.3		1103.4		916.9	cps
Rho			1.7100		2.5900		0.0000	g/cc
Pe			2.0000		2.7500		5.7900	
Rib Angle	: 44.0		Rib Slope	: 0.965	Density/Spine Ratio		: 0.555	
Spine Angle	: 74.0		Spine Slope	: 3.481	Spine Intercept		: -17.4	
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: Tool Model:		6I 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		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:		Mon Jun 20 01:31:16 2022				
Calibrator Value:		150.0		GAPI		
Background Reading:		0.0		cps		
Calibrator Reading:		276.0		cps		
Sensitivity:		0.8500		GAPI/cps		