



COMPENSATED DENSITY / NEUTRON LOG

Company	R L INVESTMENT, LLC.	Company	R L INVESTMENT, LLC.
Well	KOSTER "H" #2-32	Well	KOSTER "H" #2-32
Field	KOSTER	Field	KOSTER
County	SHERIDAN	County	SHERIDAN
State	KANSAS	State	KANSAS
Location:	API # : 15-179-21487-0000 2005' FNL & 1816' FEL NW - SE - SW - NE	Other Services	DIL/MEL
Permanent Datum	GROUND LEVEL	Elevation	2850
Log Measured From	KELLY BUSHING 7' A.G.L.	K.B.	2857
Drilling Measured From	KELLY BUSHING	D.F.	2855
		G.L.	2850
Date	8/8/22		
Run Number	ONE		
Depth Driller	4235		
Depth Logger	4236		
Bottom Logged Interval	4212		
Top Log Interval	3600		
Casing Driller	8 5/8" @ 263'		
Casing Logger	263		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	1,100 PPM
Density / Viscosity	9.3/50		
pH / Fluid Loss	8.0/10.5		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.30 @ 60F		
Rmf @ Meas. Temp	.975 @ 60F		
Rmc @ Meas. Temp	1.56 @ 60F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.661 @ 118F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	11:30 A.M.		
Maximum Recorded Temperature	118F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	RICHARD BELL		

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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.

15-179-21487-0000

Comments

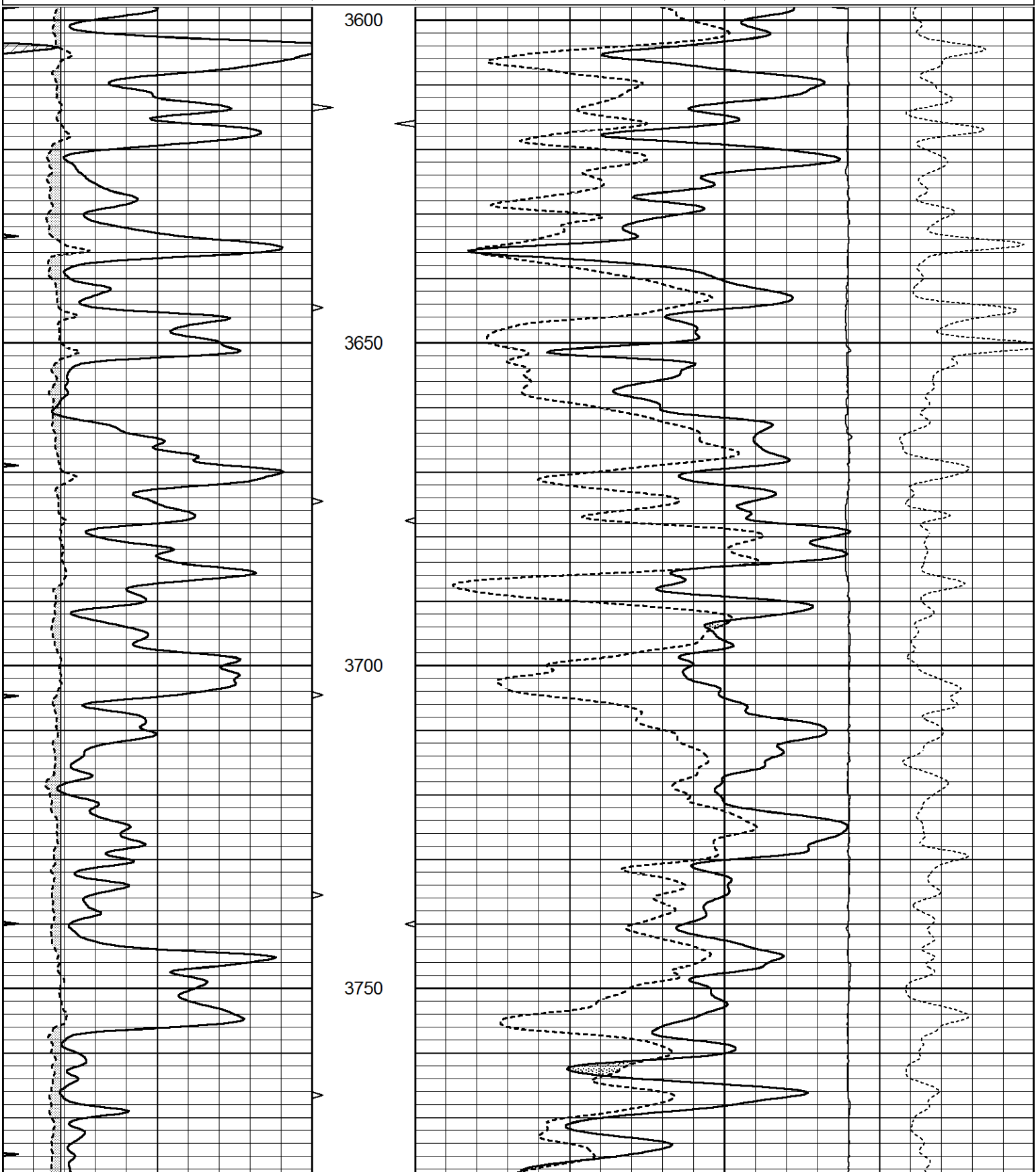
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
SEGUIN, KS., 2S. ON "RD. 80W" TO "RD. 40S", 1E., 1/2N., W. INTO

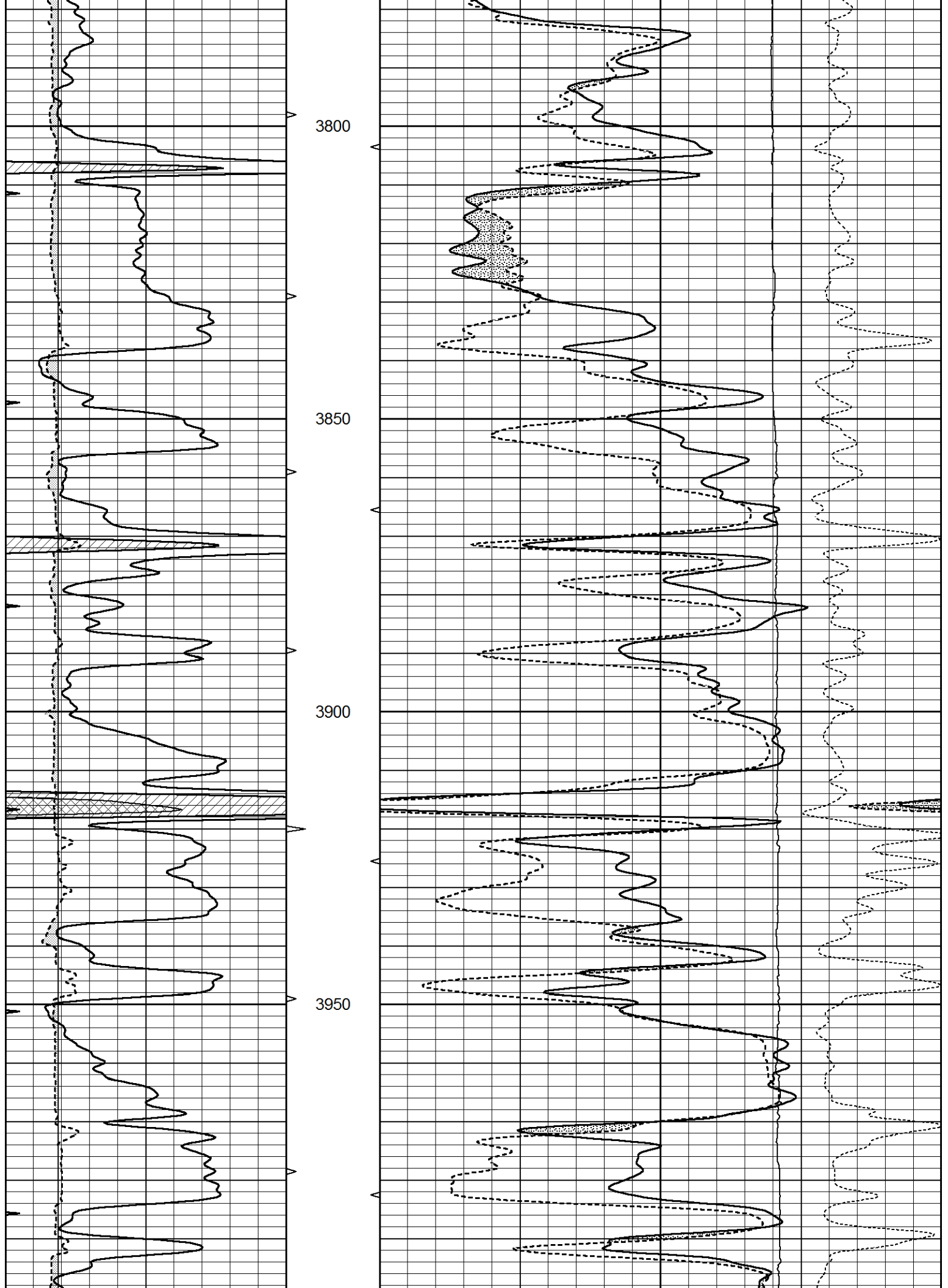


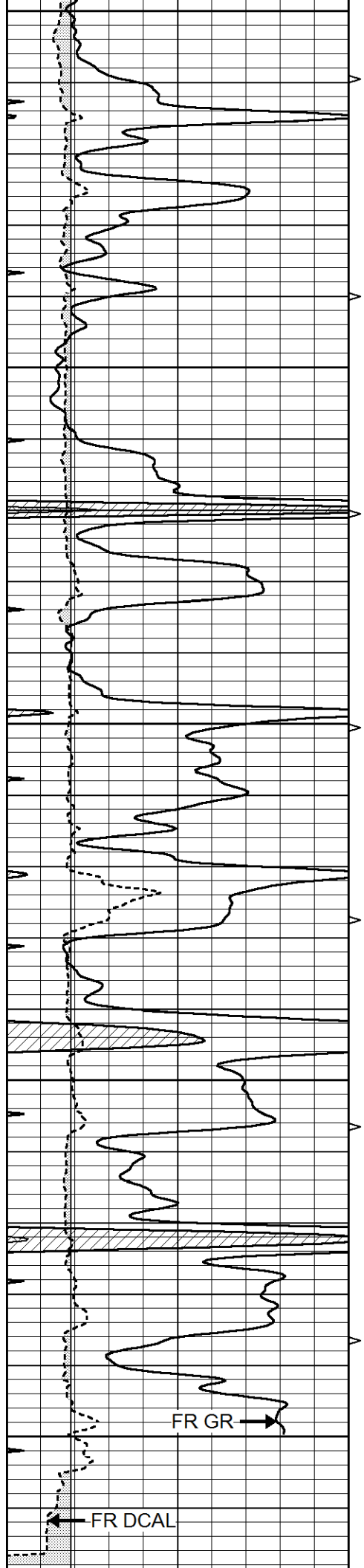
MAIN SECTION

Database File	6349ddn.db
Dataset Pathname	pass3.1M
Presentation Format	den_neu
Dataset Creation	Mon Aug 08 13:11:26 2022
Charted by	Depth in Feet scaled 1:240

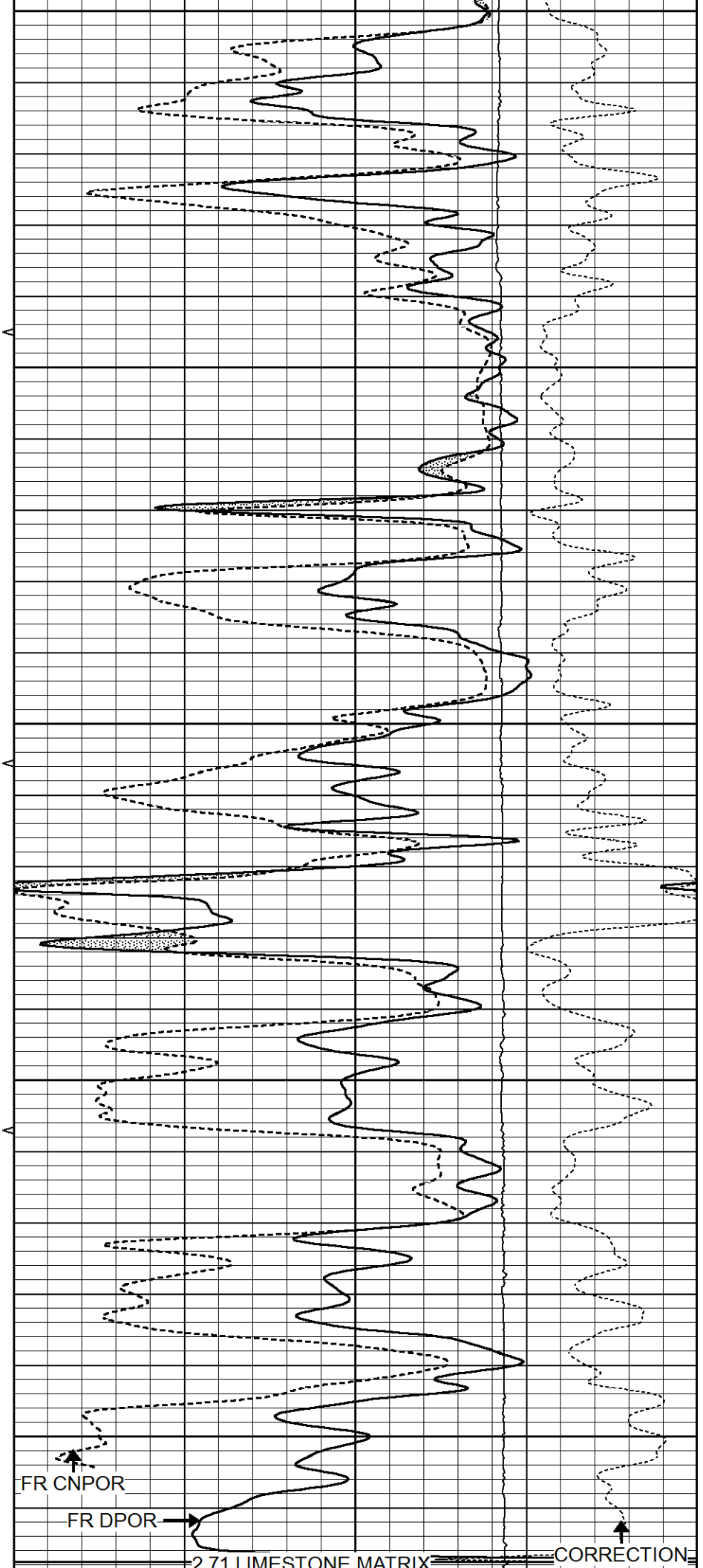
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			-10	
6	DCAL (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)			-10
0	MINMK	20	TBHV			-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10		0	LTEN (lb)	5000	







4000
4050
4100
4150
4200

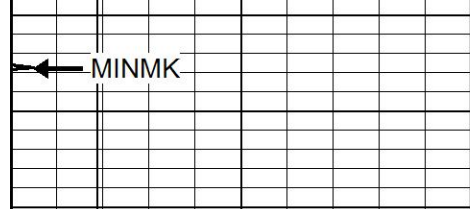
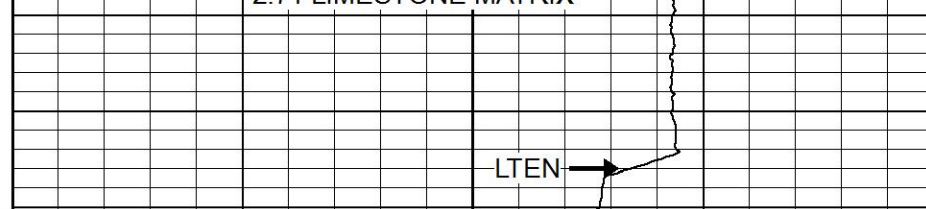


FR CNPOR

FR DPOR

CORRECTION

2 71 LIMESTONE MATRIX

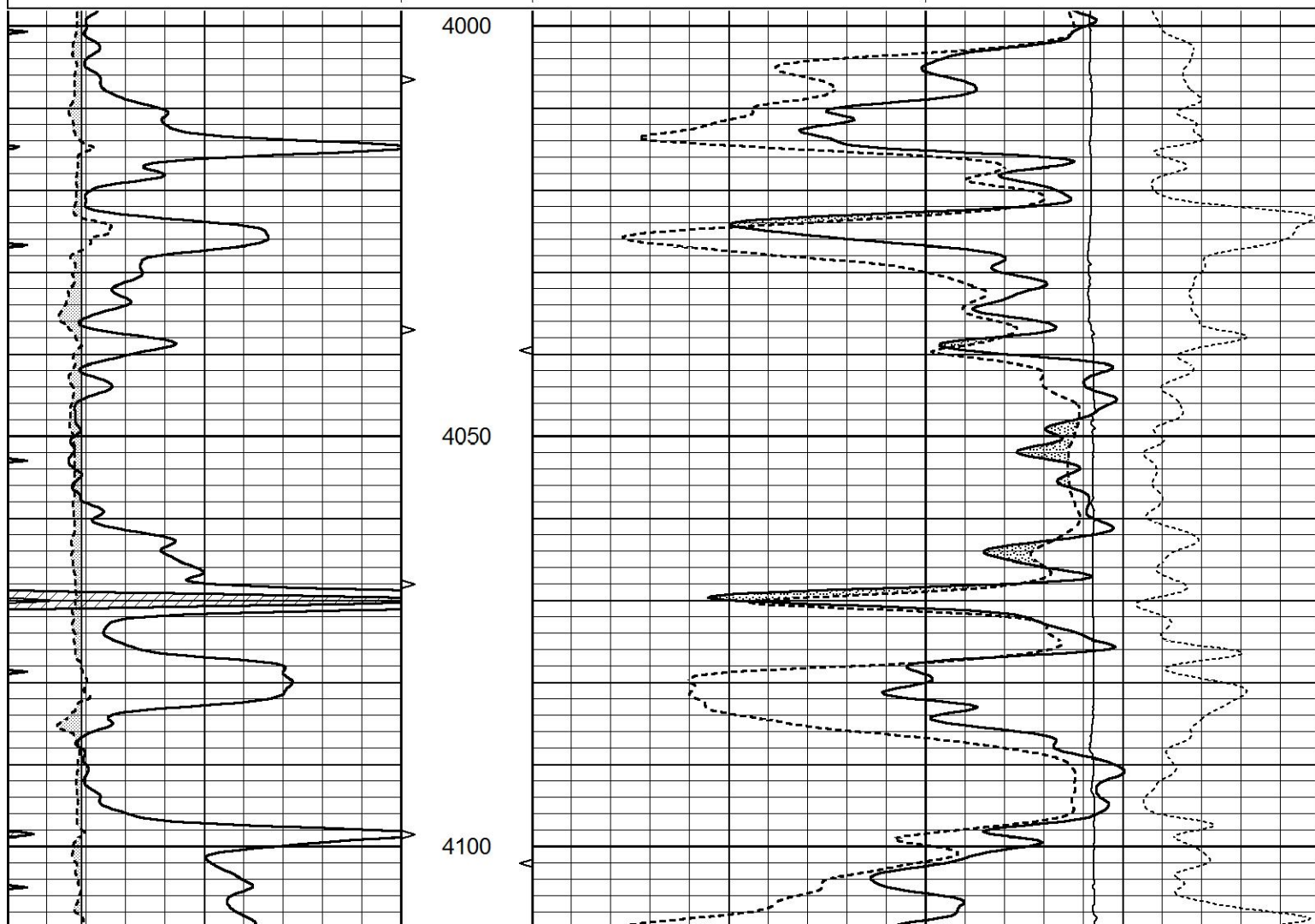
						
MINMK			LTD 4236			
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	DCAL (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV	-0.25 CORRECTION (g/cc) 0.25		
			0 (ft3) 10	0 LTEN (lb) 5000		

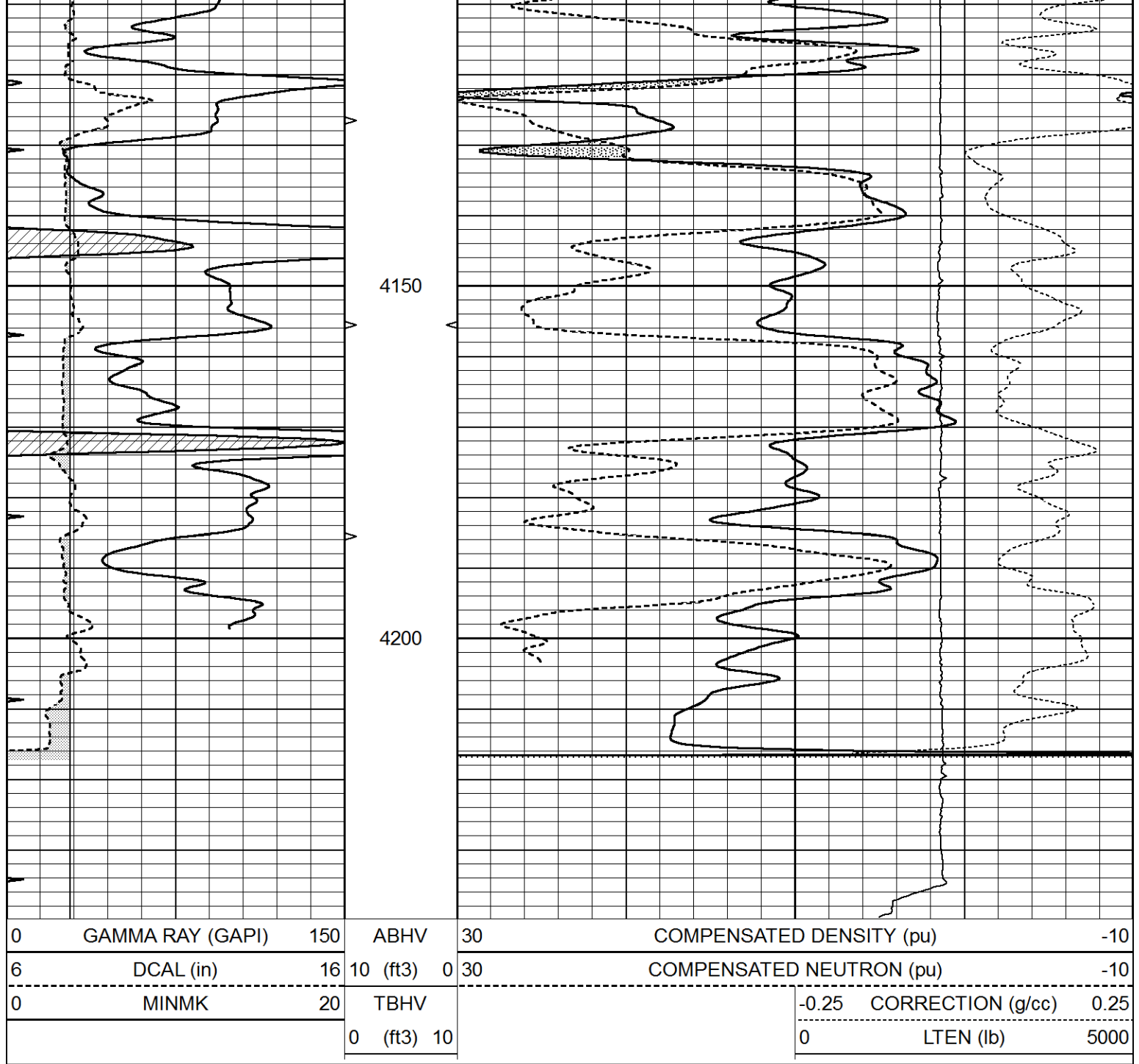


REPEAT SECTION

Database File 6349ddn.db
 Dataset Pathname pass2.1R
 Presentation Format den_neu
 Dataset Creation Mon Aug 08 13:18:15 2022
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			-10
6	DCAL (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	6349ddn.db							
Dataset Pathname	pass3.1M							
Dataset Creation	Mon Aug 08 13:11:26 2022							
Dual Induction Calibration Report								
Serial-Model:			PROBE8-DILG					
Surface Cal Performed:			Fri Aug 05 13:11:07 2022					
Downhole Cal Performed:			Mon Jul 28 11:08:27 2008					
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	640.000	6.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	630.000	-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: 004 Model: PRB								
Master Calibration			Performed Tue Aug 02 11:29:35 2022					
	Background	Magnesium		Aluminum	Aluminum+Fe			
Window 1	1154.2	10019.5		3137.9	2795.6			cps
Window 2	1054.4	8597.6		2733.4	2469.5			cps
Window 3	902.3	5241.4		1832.1	1719.3			cps
Window 4	251.9	261.1		255.8	252.9			cps
Long Space	0.0	7543.2		1679.0	1415.0			cps
Short Space	4.4	2049.3		1321.7	1116.8			cps
Rho		1.7100		2.5900	0.0000			g/cc
Pe		2.0000		2.7500	5.7900			
Rib Angle	: 43.7	Rib Slope	: 0.957	Density/Spine Ratio			: 0.562	
Spine Angle	: 73.7	Spine Slope	: 3.426	Spine Intercept			: -17.2	
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	

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Compensated Neutron Calibration Report
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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:	Fri Aug 05 14:29:37 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.3000	GAPI/cps