



COMPENSATED DENSITY/NEUTRON LOG

Company PIONEER OPERATIONS, LLC.

Well FENTON #1-A

Field UNNAMED

County ROOKS State KANSAS

Location: API # : 15-163-24531-0000

330' FNL & 1650' FWL
NW - NE - NW

SEC 15 TWP 7S RGE 17W

Permanent Datum GROUND LEVEL Elevation 1880
Log Measured From KELLY BUSHING 7' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL

Elevation

K.B. 1887
D.F. 1885
G.L. 1880

Date 3/16/26

Run Number ONE

Depth Driller 3440

Depth Logger 3439

Bottom Logged Interval 3415

Top Log Interval 2600

Casing Driller 8.625@231

Casing Logger 231

Bit Size 7.785

Type Fluid in Hole CHEMICAL MUD CHORIDES 9,300 PPM

Density / Viscosity 9.2/44

pH / Fluid Loss 10.5/9.6

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.40@72F

Rmf @ Meas. Temp 1.05@72F

Rmc @ Meas. Temp 1.68@72F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .908@111F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom 3:00 P.M.

Maximum Recorded Temperature 111F

Equipment Number 922339

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By SEAN DEENIHAN

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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.

15-163-24531-0000

Comments

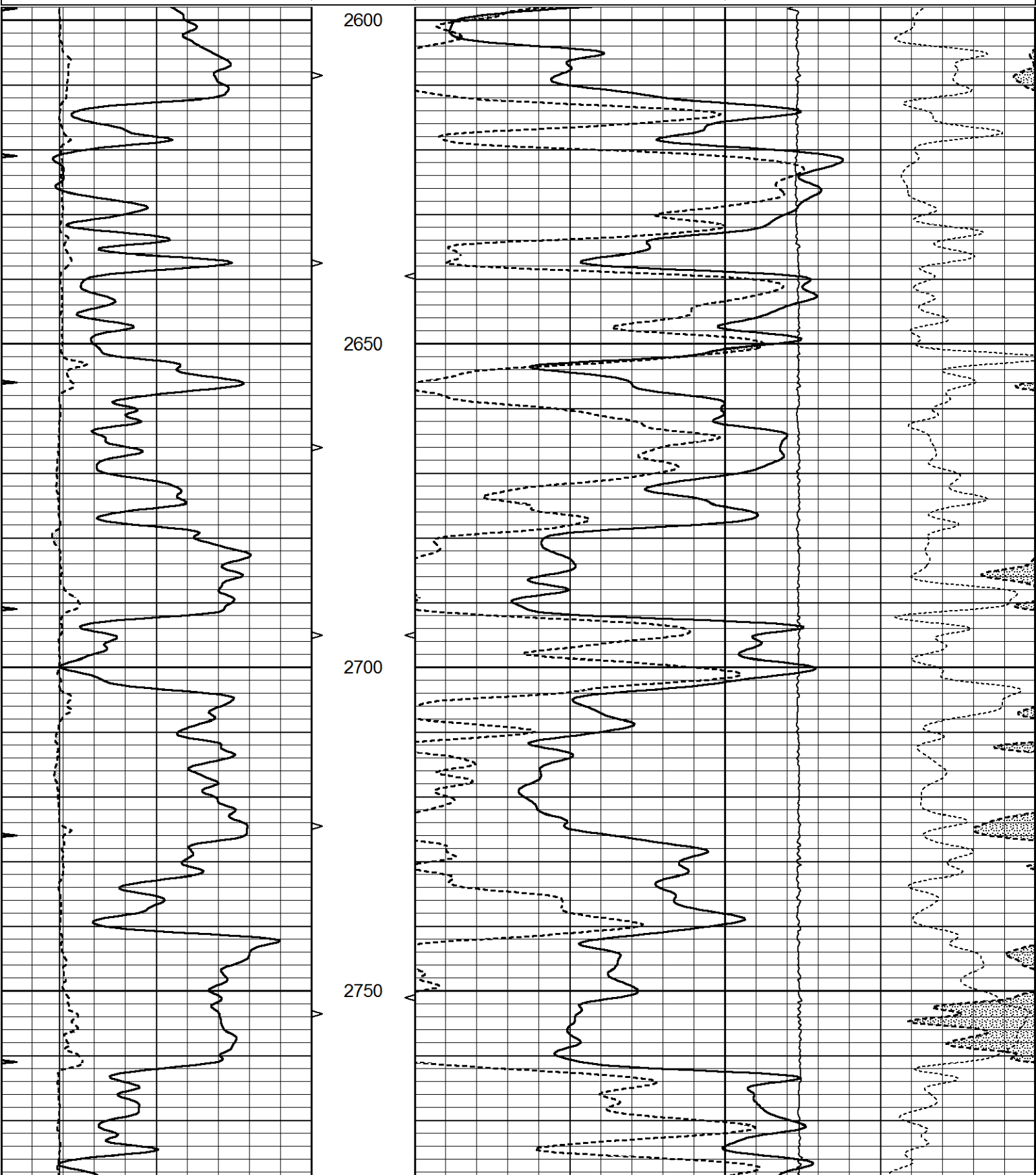
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395
DIRECTIONS
STOCKTON, KS., 3.8 E. ON HWY 24, 1/2 N. INTO

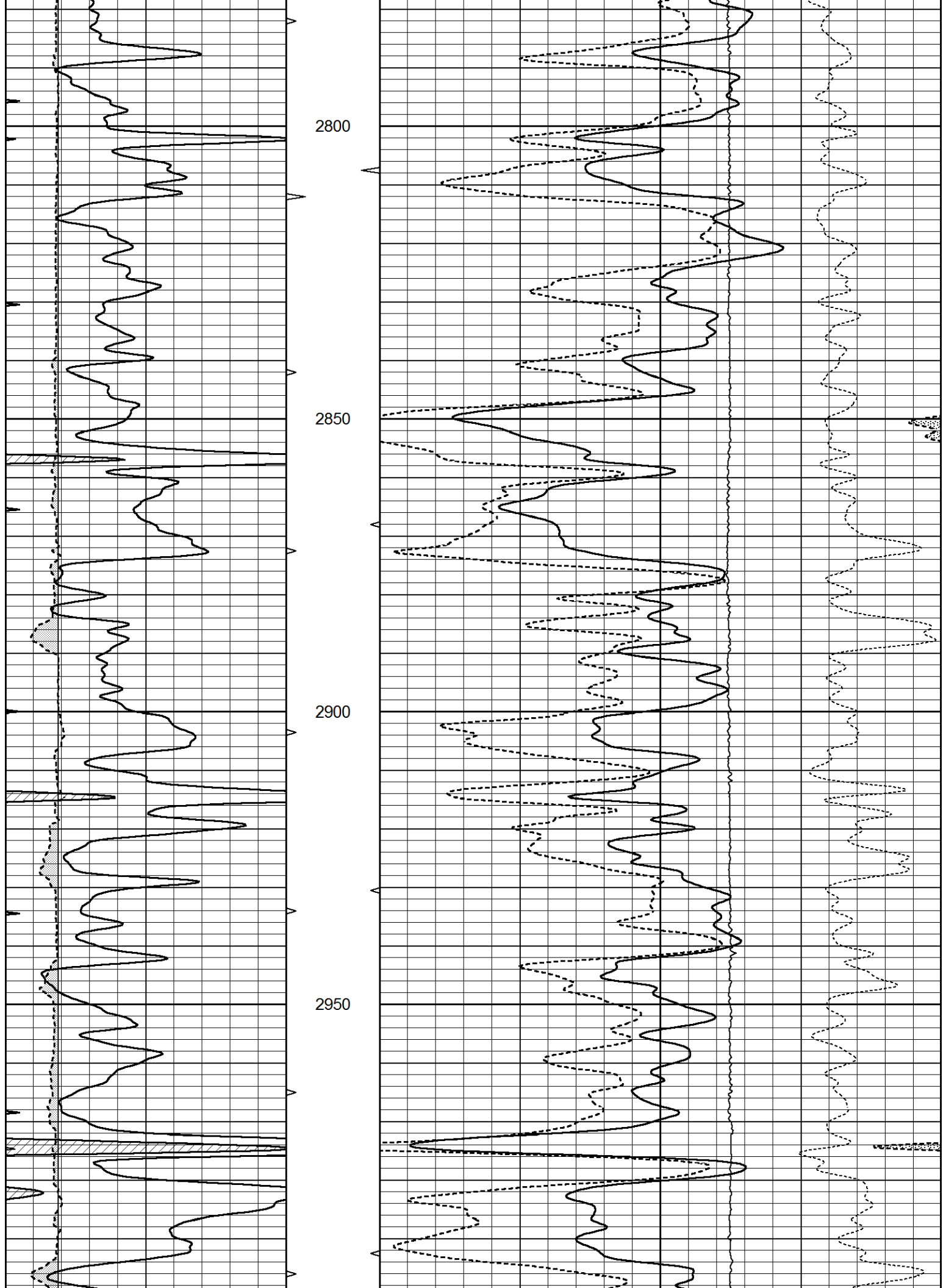


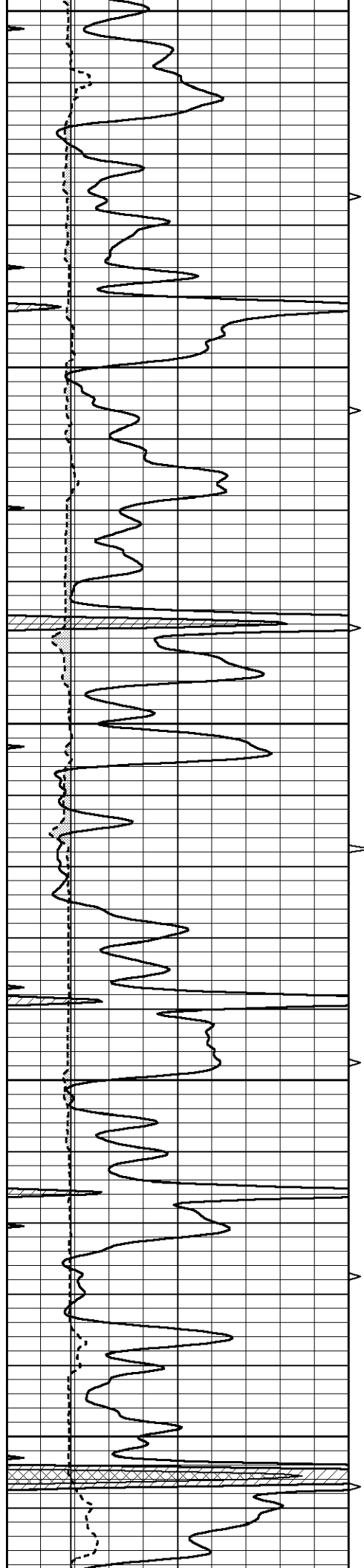
MAIN SECTION

Database File	9521ddn.db
Dataset Pathname	pass3.1M
Presentation Format	_den_neu
Dataset Creation	Mon Mar 16 16:58:36 2026
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	







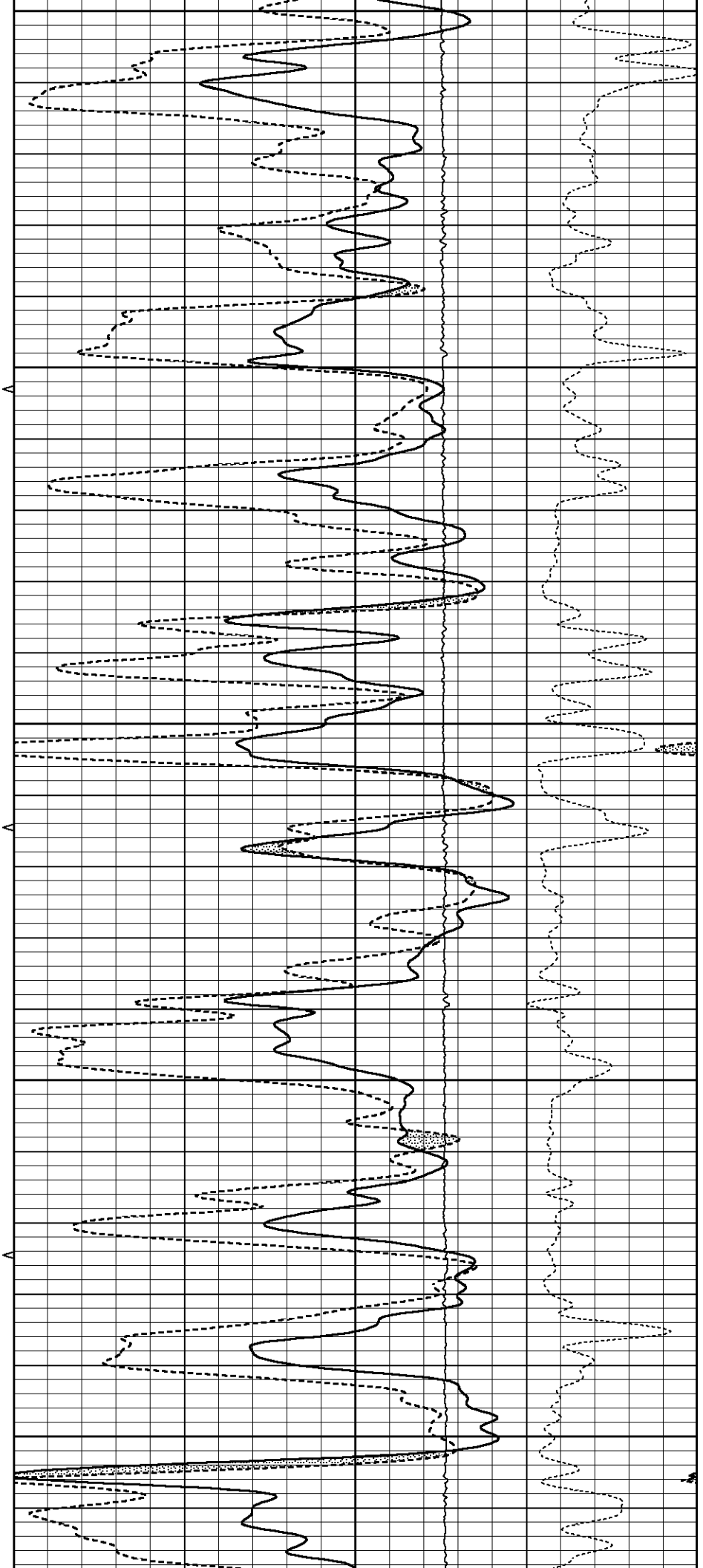
3000

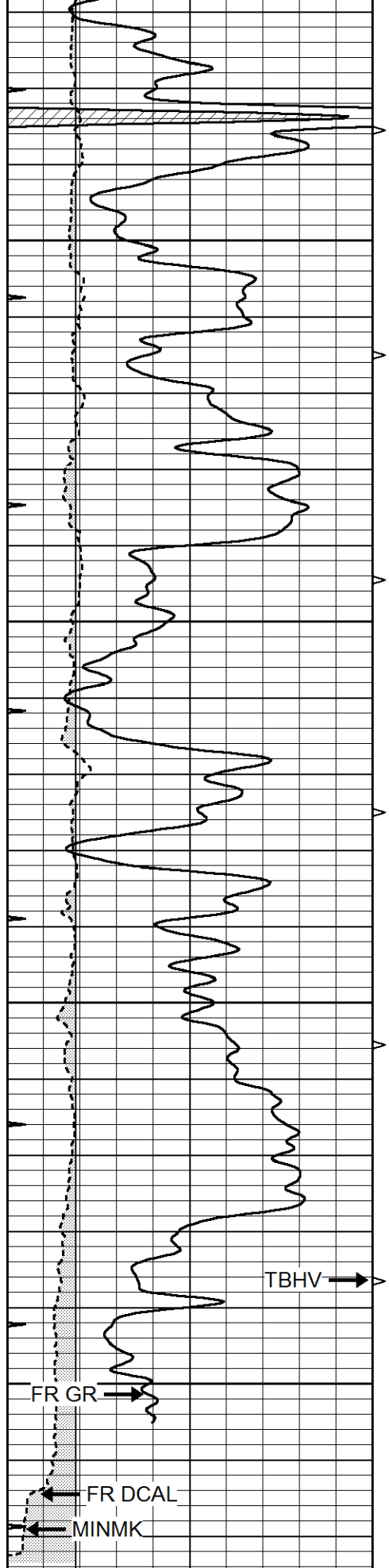
3050

3100

3150

3200





3250

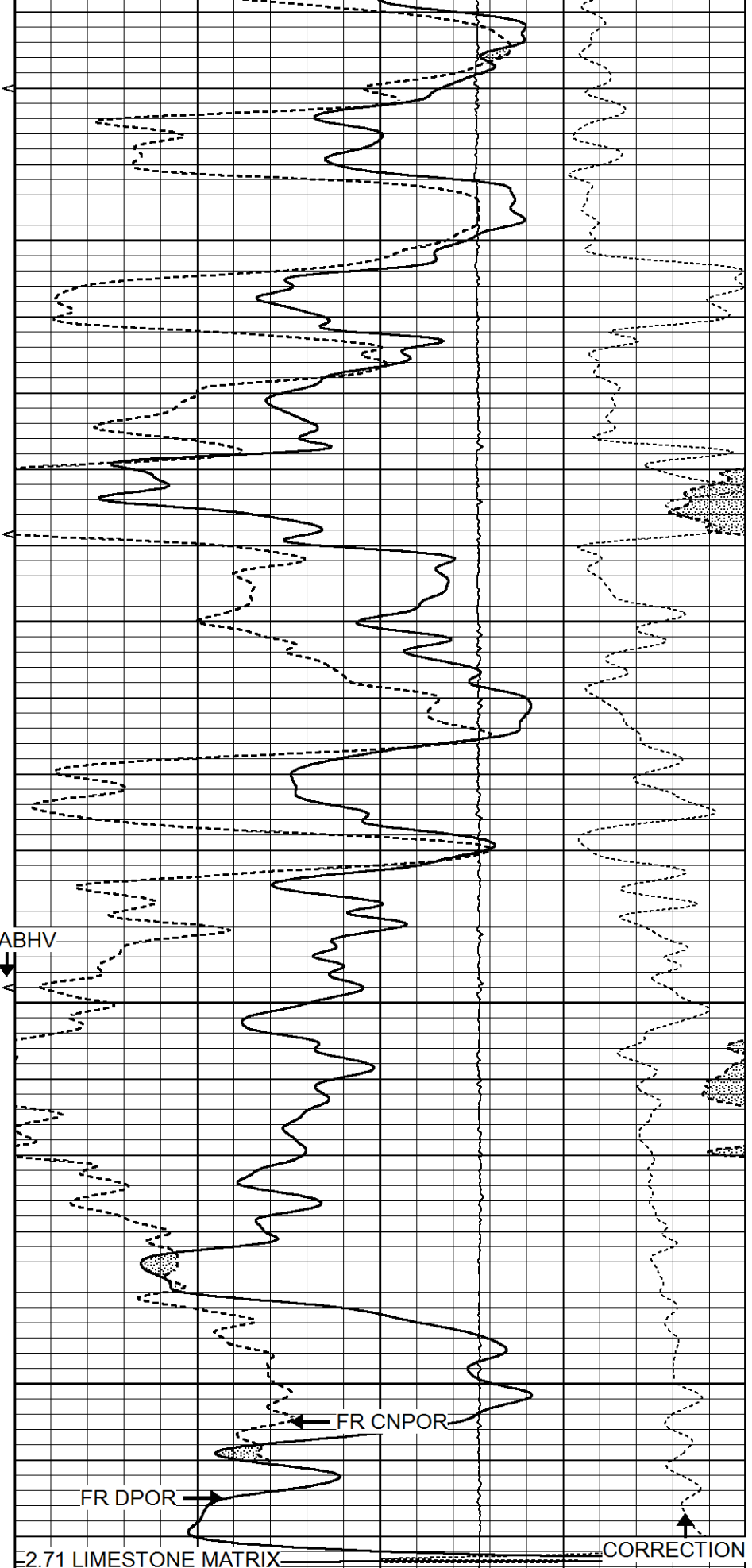
3300

5.5" ABHV

3350

3400

ITD 3439



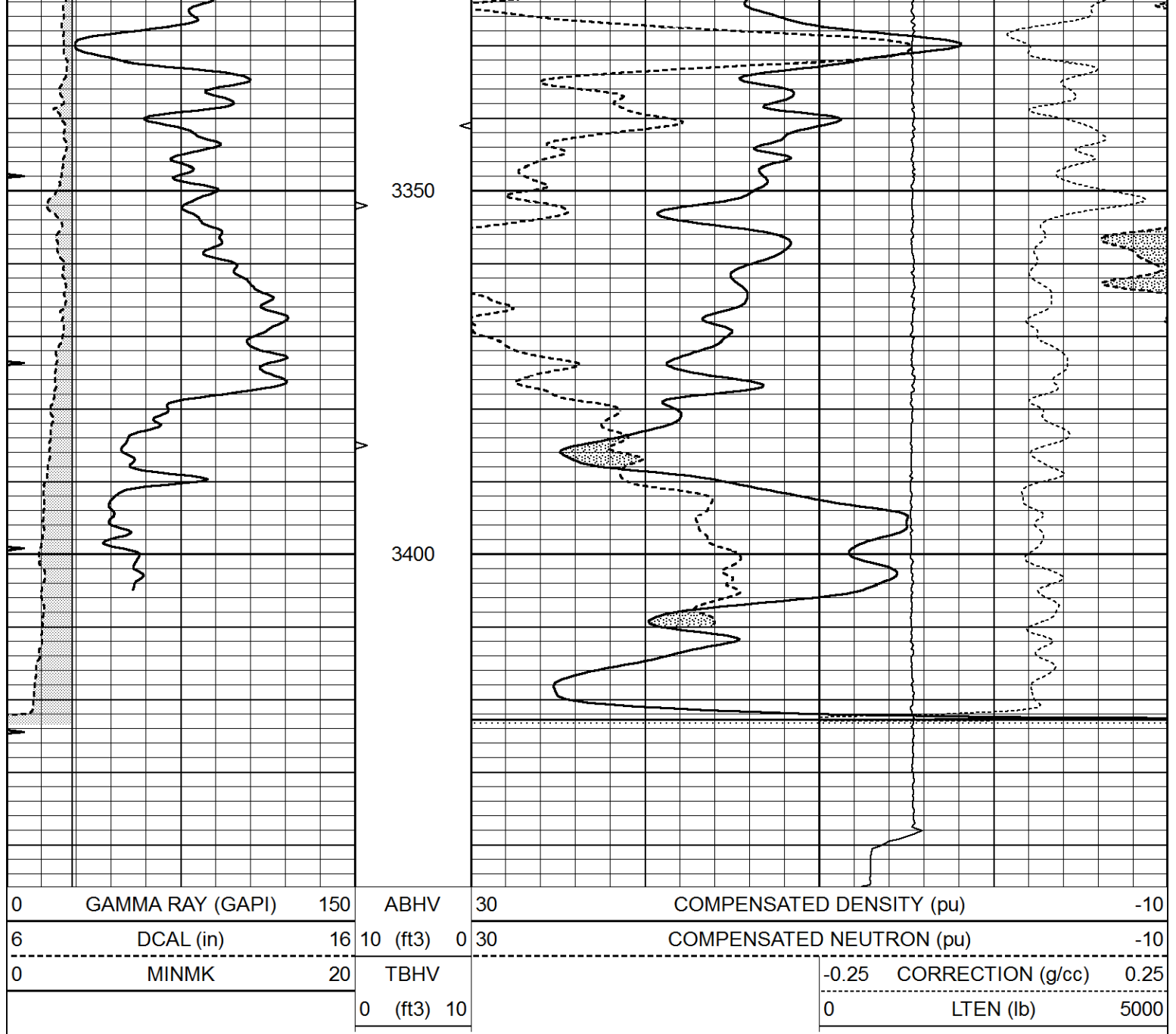
FR CNPOR

FR DPOR

2.71 LIMESTONE MATRIX

CORRECTION

ITEN



Calibration Report								
Database File	9521ddn.db							
Dataset Pathname	pass3.1M							
Dataset Creation	Mon Mar 16 16:58:36 2026							
Dual Induction Calibration Report								
Serial-Model:			PROBE7-DILG					
Surface Cal Performed:			Mon Mar 16 15:01:57 2026					
Downhole Cal Performed:			Thu Mar 12 11:45:10 2020					
After Survey Verification Performed:			Thu Mar 12 11:45:00 2020					
Surface Calibration								
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	680.000	10.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	720.000	-155.000
Internal:	Zero	Cal		Zero	Cal		m	b

	Deep Medium	0.011 0.005	0.610 0.712	V V	0.000 0.000	400.000 464.000	mmho/m mmho/m	667.135 655.677	-7.256 -3.102
Downhole Calibration									
		Readings		References			Results		
		Zero	Cal		Zero	Cal		m'	b'
Deep		0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000
Medium		0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000
LL3			7.500	V		1400.000	Ohm-m		
			0.000	V		20.000	Ohm-m		
			-7.200	V		4000.000	mmho-m		
After Survey Verification									
		Readings		Targets			Results		
		Zero	Cal		Zero	Cal		m'	b'
Deep		0.000	0.000	mmho/m	0.000	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 Thu Nov 13 10:03:11 2025				
		Background		Magnesium		Aluminum		Aluminum+Fe	
Window 1		1062.8		8990.4		2841.7		2528.8	cps
Window 2		977.3		7868.2		2512.1		2268.8	cps
Window 3		842.6		4935.7		1727.5		1625.4	cps
Window 4		238.8		246.4		240.4		239.2	cps
Long Space		0.0		6890.8		1534.8		1291.5	cps
Short Space		2.3		1807.5		1203.3		990.9	cps
Rho				1.7100		2.5900		0.0000	g/cc
Pe				2.0000		2.7500		5.7900	
Rib Angle		: 44.8		Rib Slope	: 0.994	Density/Spine Ratio		: 0.566	
Spine Angle		: 74.8		Spine Slope	: 3.691	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

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:		070559			
Tool Model:		OPEN_GR			
Performed:		Tue Feb 03 16:59:50 2026			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		
Sensitivity:		0.3000	GAPI/cps		