



COMPENSATED DENSITY/NEUTRON LOG

Company PALOMINO PETROLEUM, INC.

Well WESTSIDE #1

Field

County NESS

State KANSAS

Location: API #: 15-135-26125-0000

1353' FNL & 1969' FEL

Other Services
DIL/MEL

SEC 7 TWP 18S RGE 26W

Elevation

Permanent Datum GROUND LEVEL Elevation 2563

Log Measured From KELLY BUSHING 11' A.G.L.

Drilling Measured From KELLY BUSHING

K.B. 2574
D.F. 2572
G.L. 2563

Date 10/21/21

Run Number ONE

Depth Driller 4637

Depth Logger 4638

Bottom Logged Interval 4414

Top Log Interval 3700

Casing Driller 8 5/8" @ 228

Casing Logger 228

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD

Density / Viscosity 9.2/60

pH / Fluid Loss 11.0/6.0

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.30 @ 62F

Rmf @ Meas. Temp 0.97 @ 62F

Rmc @ Meas. Temp 1.56 @ 62F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT 0.66 @ 122F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 122F

Equipment Number 3802

Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

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

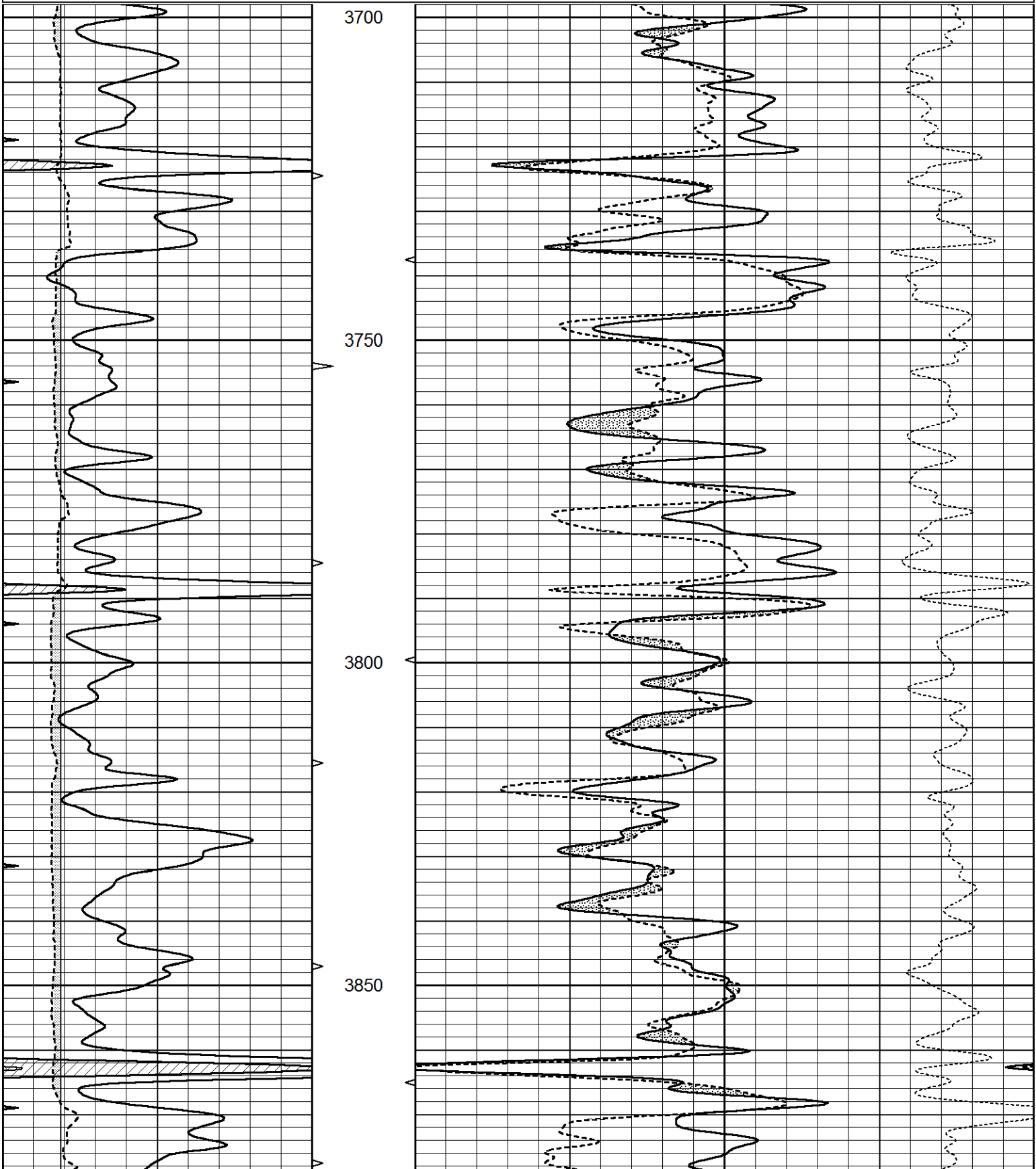
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
NESS CITY, KS. - WEST TO RD. A - 4 1/2 NORTH - WEST INTO

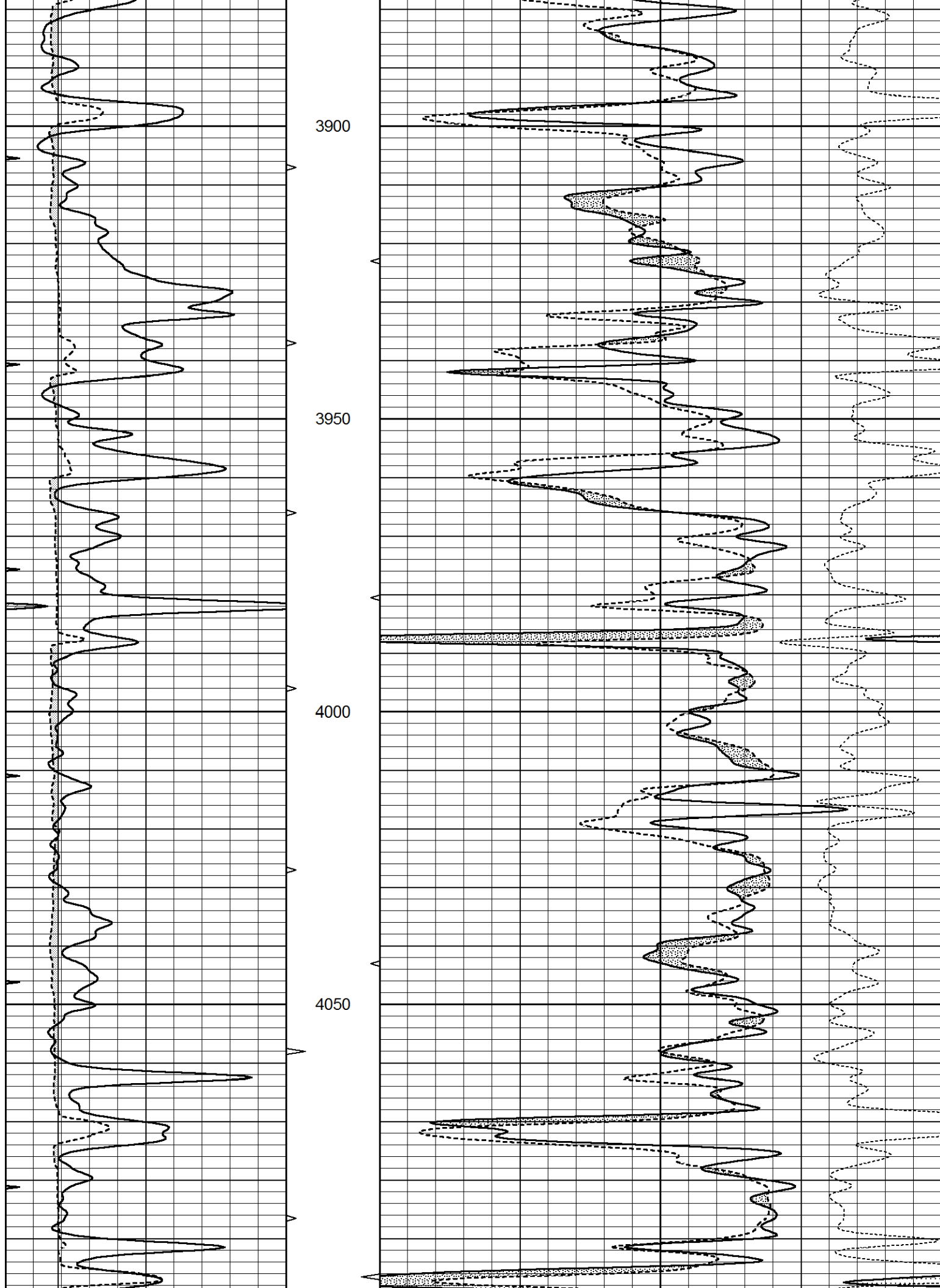


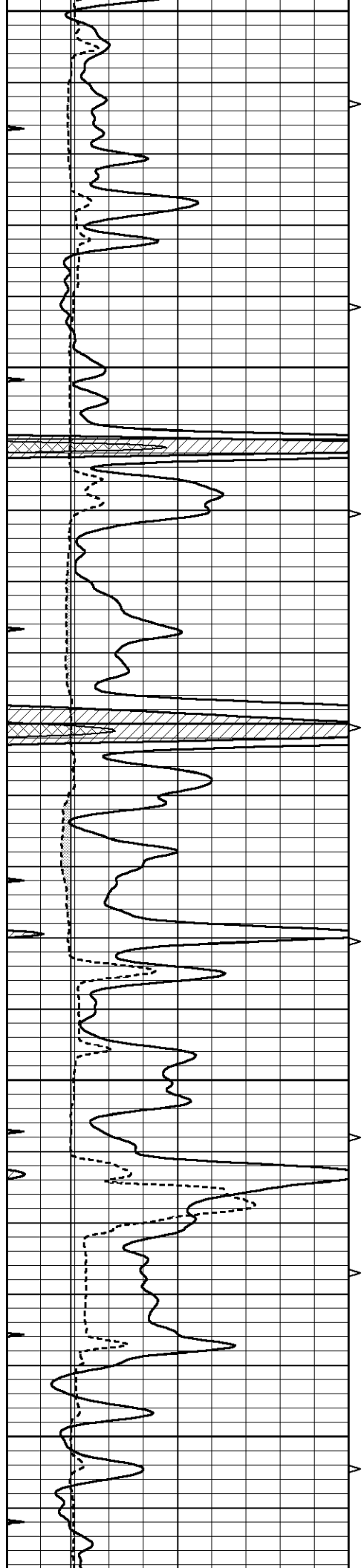
MAIN SECTION

Database File	5865ddn.db
Dataset Pathname	pass3.1
Presentation Format	_den_neu
Dataset Creation	Thu Oct 21 23:10:14 2021
Charted by	Depth in Feet scaled 1:240

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







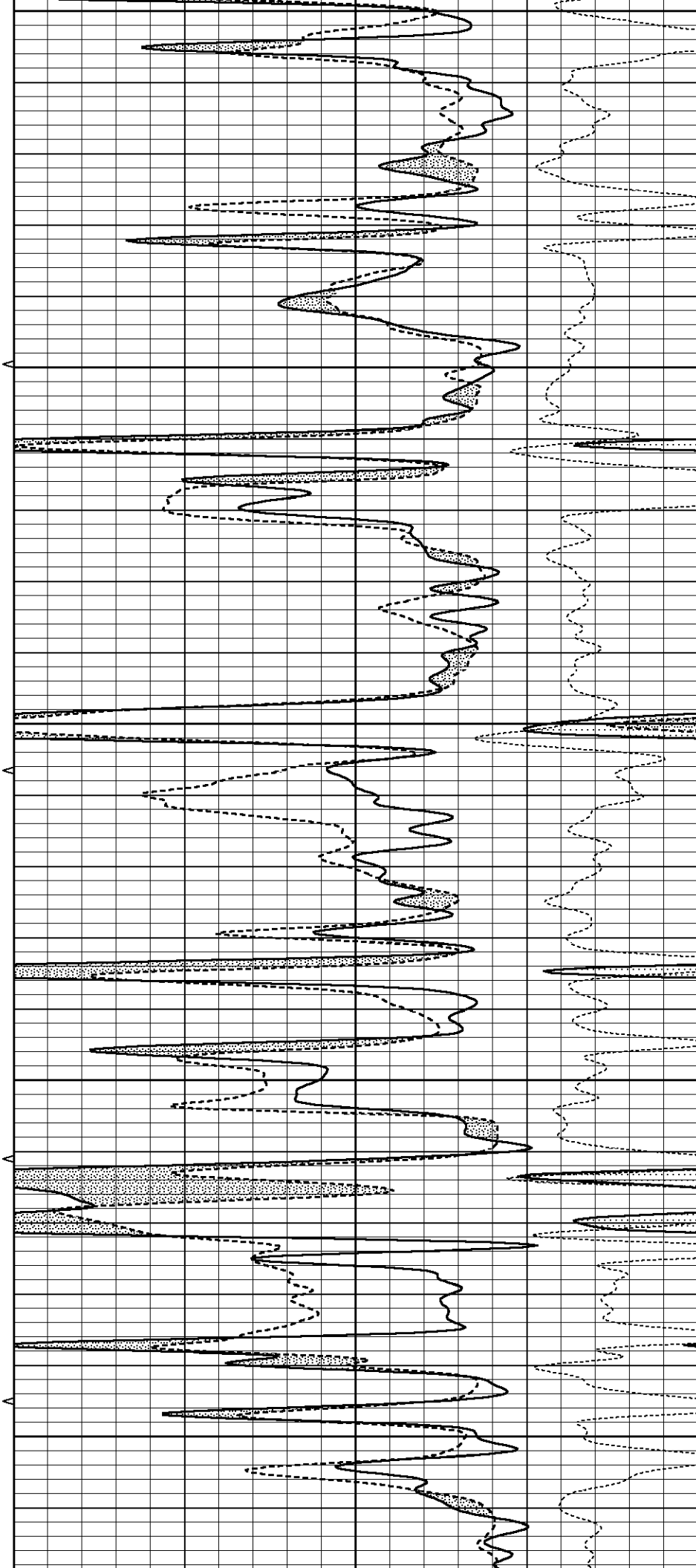
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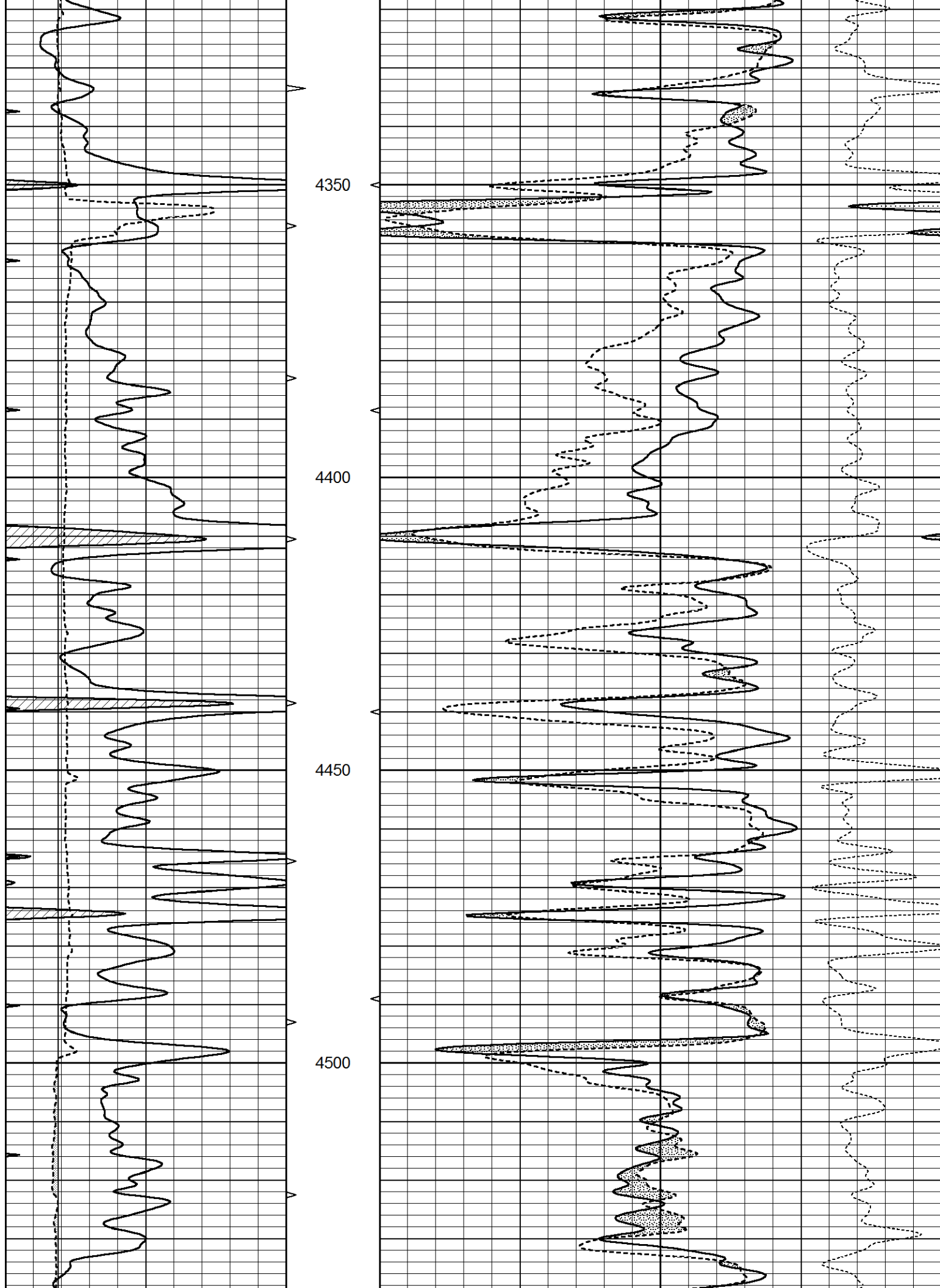
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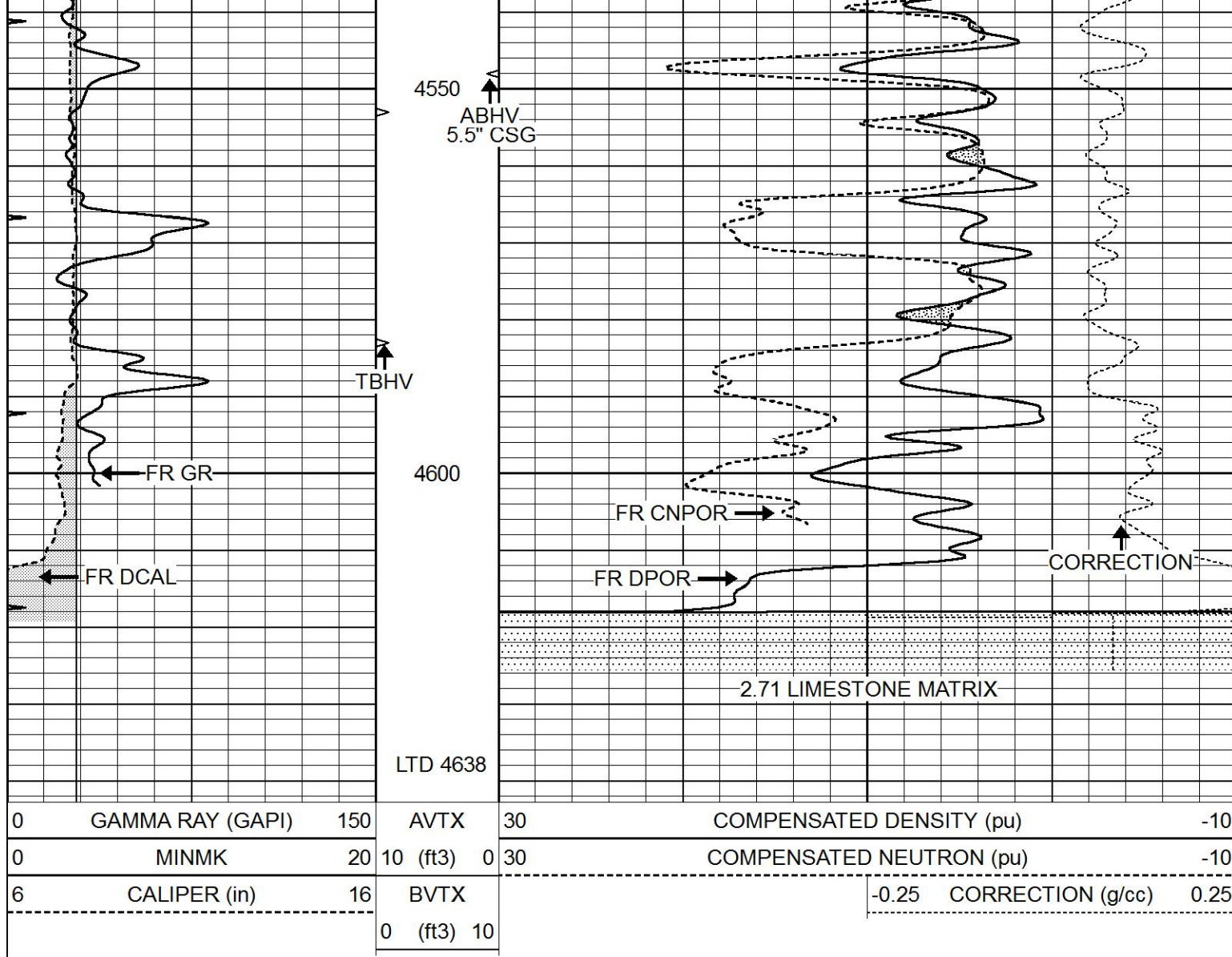
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4250

4300



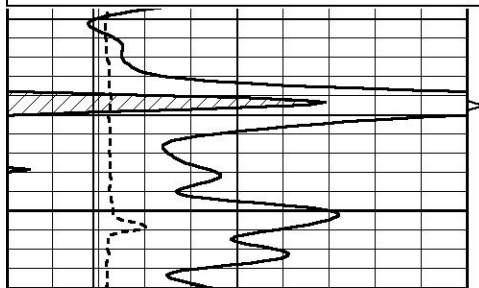




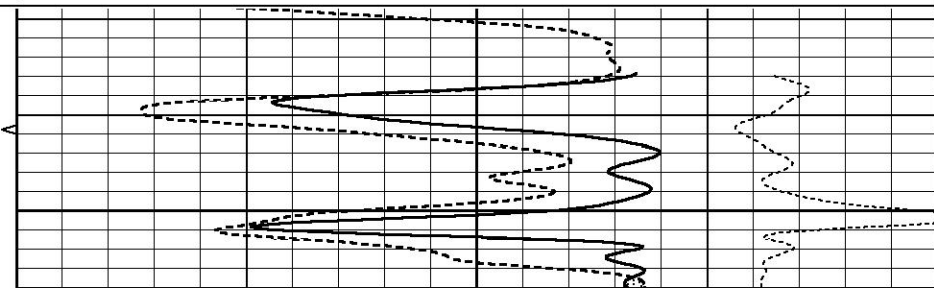
REPEAT SECTION

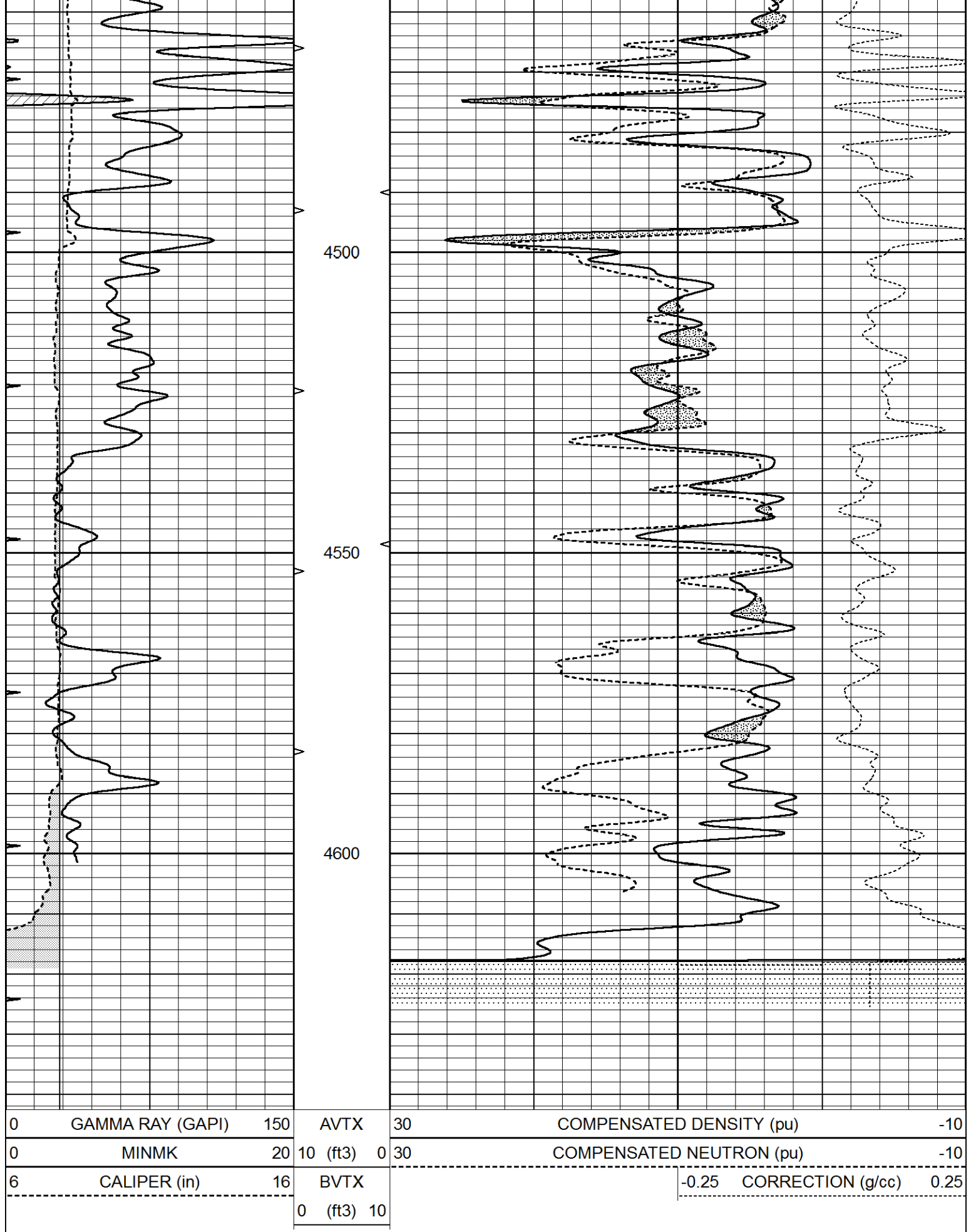
Database File 5865ddn.db
 Dataset Pathname pass2.1
 Presentation Format _den_neu
 Dataset Creation Thu Oct 21 23:06:30 2021
 Charted by Depth in Feet scaled 1:240

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



4450





Calibration Report

Database File 5865ddn.db
 Dataset Pathname nps2.1

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe

Surface Cal Performed: Tue Feb 19 11:44:18 2019

Downhole Cal Performed: Tue Feb 19 11:44:24 2019

After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration								
Readings			References				Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	618.595	-5.524
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	1.197
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251

Downhole Calibration								
Readings			References				Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		

After Survey Verification								
Readings			Targets				Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	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: 140703

Model: V4_10P

Source Number: 74GBq-19

Master Calibration					Performed: Wed Dec 02 12:04:44 2020			
	Background		Aluminum		Magnesium			
Window 1	595.38		5386.50		23898.92		cps	
Window 2	52.78		1248.21		5993.75		cps	
Window 4	251.36		1200.30		5155.55		cps	
Window 5	545.15		9066.30		17240.12		cps	
Window 6	43.35		1491.73		2929.24		cps	
Window 8	258.76		2917.82		5450.26		cps	
Bulk Density	-		2.6020		1.6830		g/cc	
Pe	-		3.0000		2.5070		b/e	
LS Alpha:	: -1.8726		SS Alpha:	: -0.7656		LS CPE:	: 1.0742	
LS Beta:	: 127345.0723		SS Beta:	: 20293.3834		SS CPE:	: 1.5427	

Performed: Wed Dec 31 18:00:00 1969

Window 1	0.00	cps
Window 2	0.00	cps
Window 4	0.00	cps
Window 5	0.00	cps
Window 6	0.00	cps
Window 8	0.00	cps

Performed: Wed Dec 31 18:00:00 1969

Window 1	0.00	cps
Window 2	0.00	cps
Window 4	0.00	cps
Window 5	0.00	cps
Window 6	0.00	cps
Window 8	0.00	cps

Performed: Wed Dec 02 12:04:44 2020

Results	Readings	References (in)			
Low	High	Low	High	Gain	Offset
10178.8	13388.4	8.0	14.0	0.0	-10.7

Performed:

	Reference	Reading
Caliper (in)	_____	_____

Performed:

	Reference	Reading
Caliper (in)	_____	_____

Compensated Neutron Calibration Report

Serial Number: 080621PMC
Tool Model: NABORS

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number: 7
Tool Model: Probe1
Performed: Tue Jan 19 17:50:08 2021

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5300	GAPI/cps