



COMPENSATED DENSITY/NEUTRON LOG

Company	STAAB OIL COMPANY
Well	DINKEL #3
Field	FLAX
County	TREGO
State	KANSAS
Location:	API # : 15-195-23171-0000 2310 FSL & 1650 FWL NW - NE - SW
Permanent Datum	SEC 25 TWP 13S RGE 21W
Log Measured From	GROUND LEVEL Elevation 2330 KELLY BUSHING 8' A.G.L
Drilling Measured From	KELLY BUSHING
Other Services	DIL/MEL
Elevation	K.B. 2338 D.F. 2336 G.L. 2330
Date	4/18/24
Run Number	TWO
Depth Driller	4055
Depth Logger	4056
Bottom Logged Interval	4054
Top Log Interval	3200
Casing Driller	8.625 @ 232
Casing Logger	232
Bit Size	7.875
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.2/54
pH / Fluid Loss	10.5/6.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp	.780 @ 72F
Rmf @ Meas. Temp	.585 @ 72F
Rmc @ Meas. Temp	.936 @ 72F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.484 @ 116F
Time Circulation Stopped	3 HOURS
Time Logger on Bottom	6.45 P.M.
Maximum Recorded Temperature	116F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	COLE ROBBEN
Witnessed By	JANEL STAAB
	FRANK STAAB
	KURT STAAB

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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:

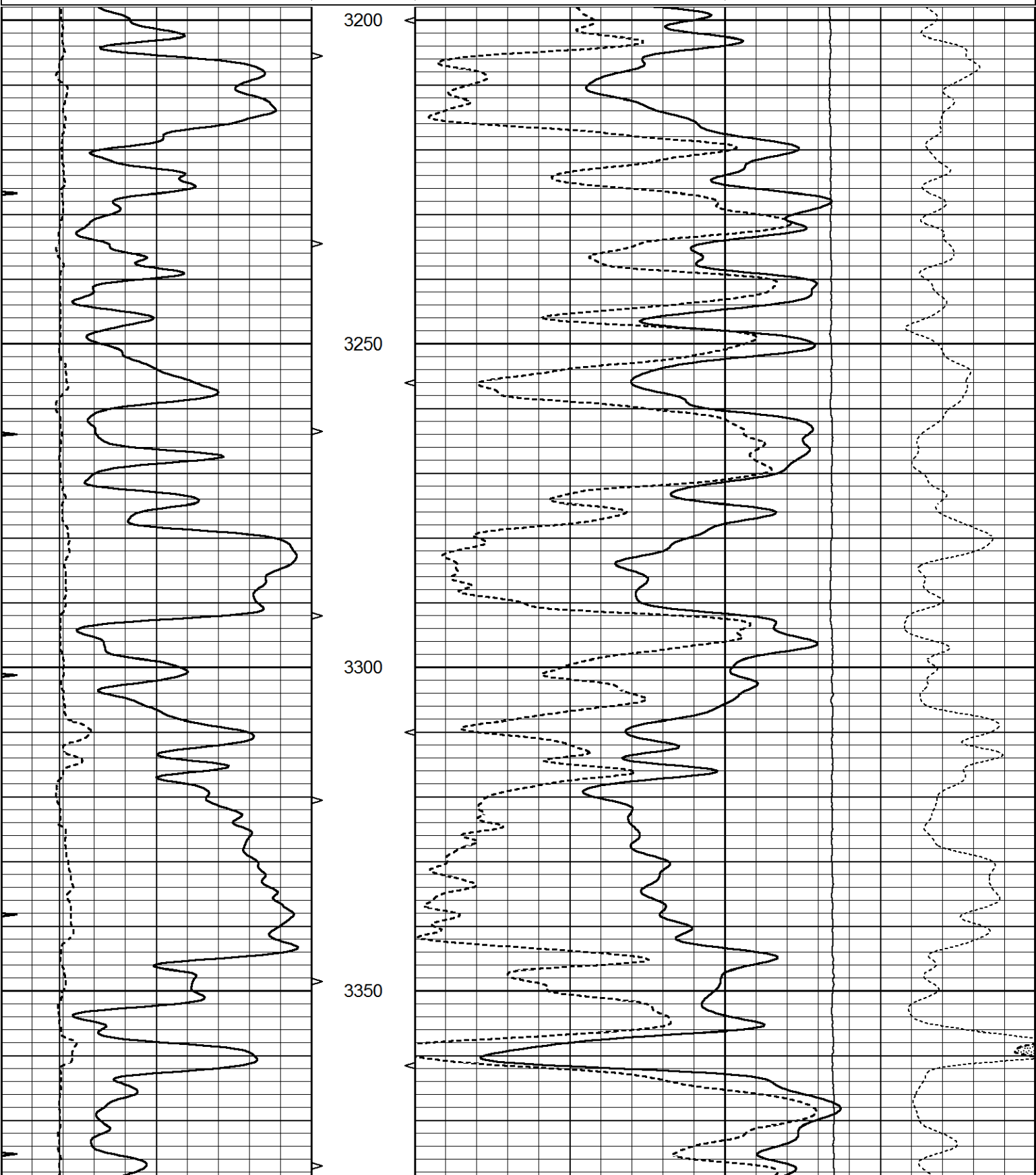
FROM ELLIS BLACKTOP/OLD 40 INTERSECTION IN ELLIS, KANSAS GO SOUTH 3.5 MILES TO AIRBASE ROAD, WEST 2.8 MILES, NORTH INTO AT TANK BATTERIES

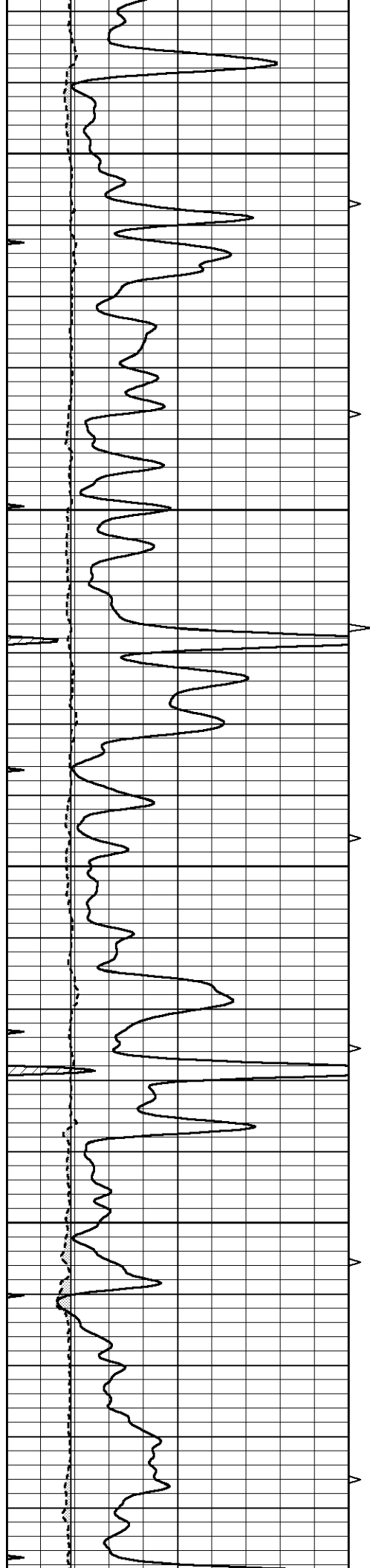


MAIN SECTION

Database File	8668ddn.db
Dataset Pathname	pass3PORD
Presentation Format	_den_neu
Dataset Creation	Thu Apr 18 21:04:16 2024
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		0 LTEN (lb)	5000



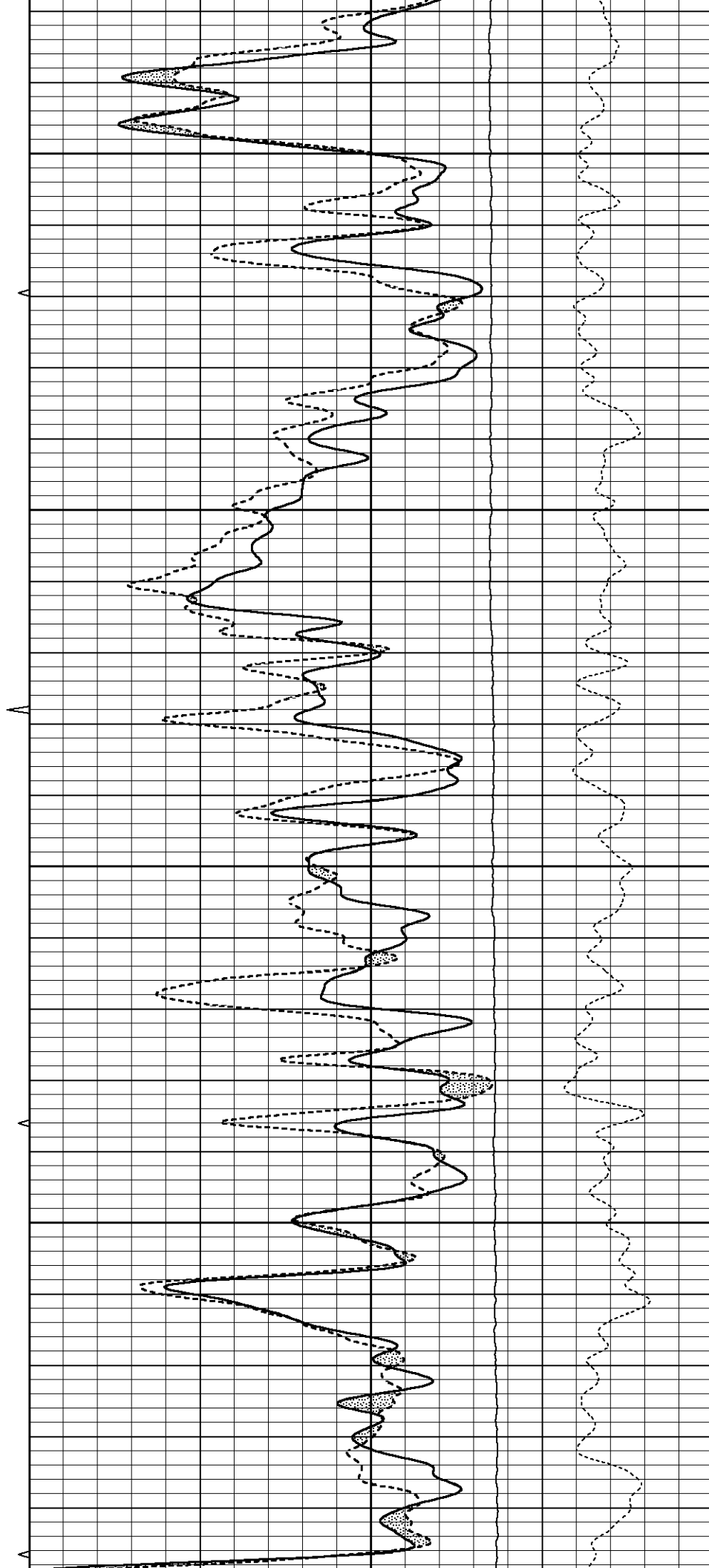


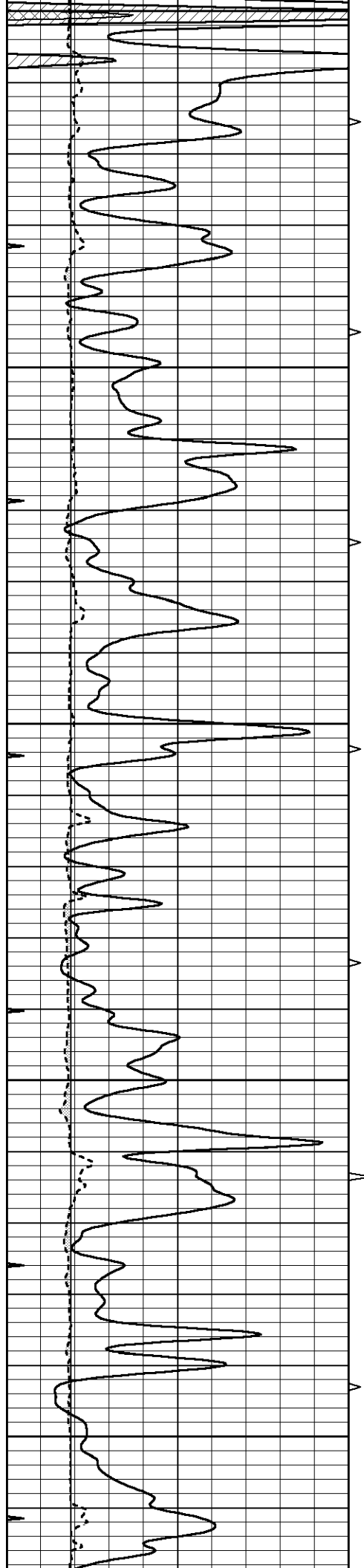
3400

3450

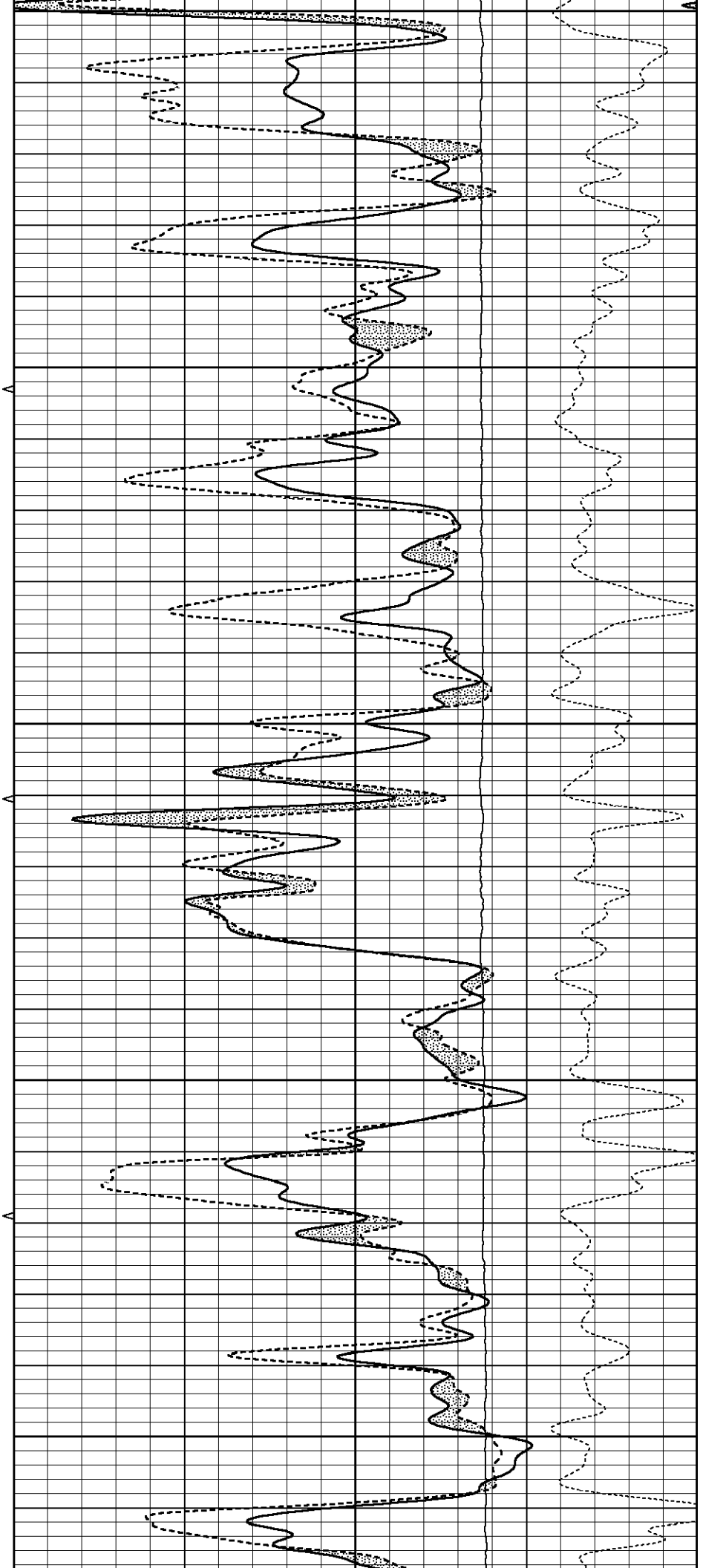
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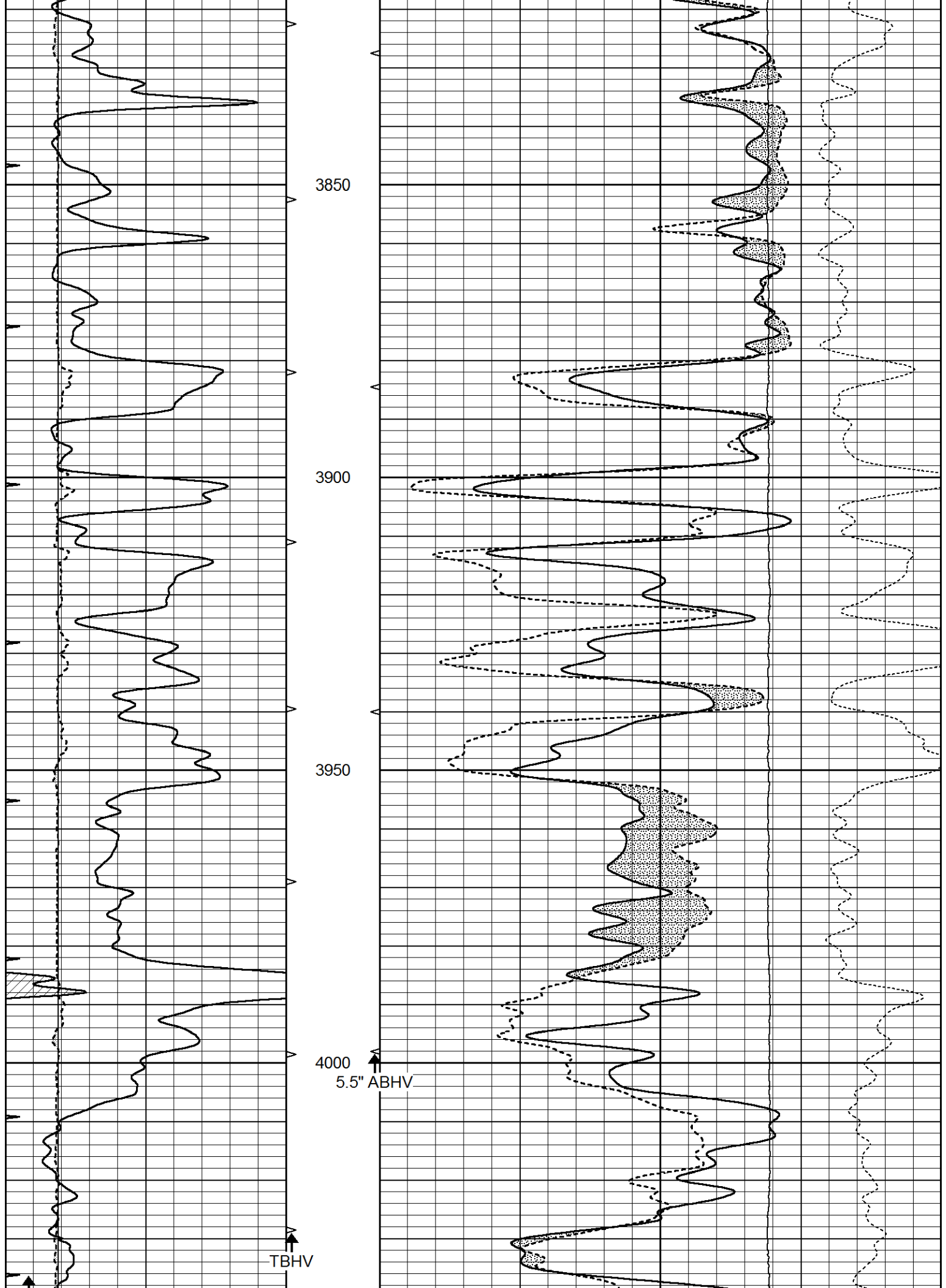
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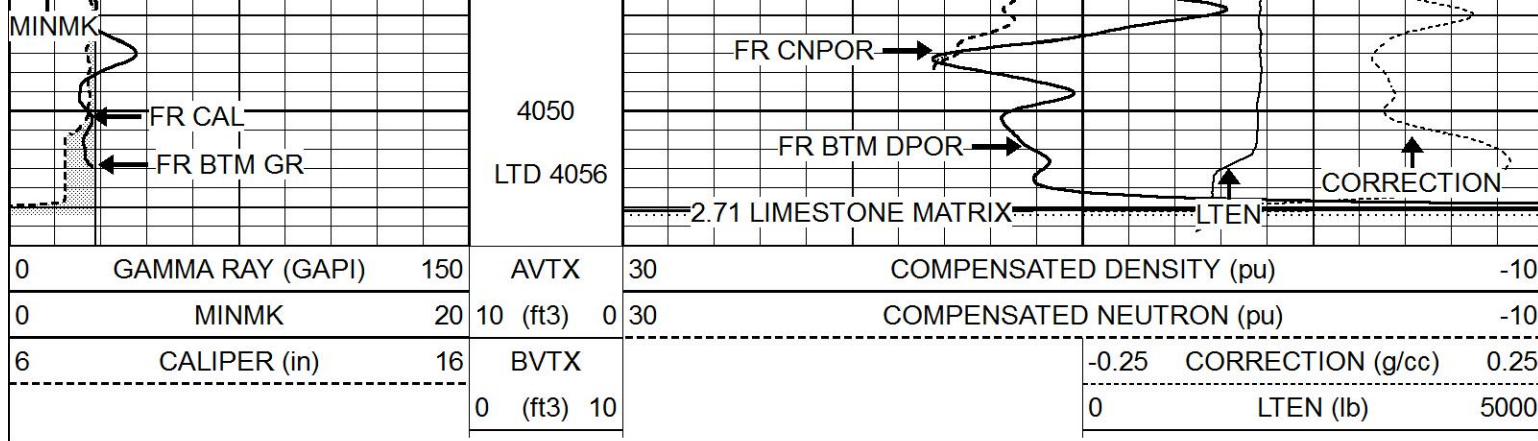




3600
3650
3700
3750
3800



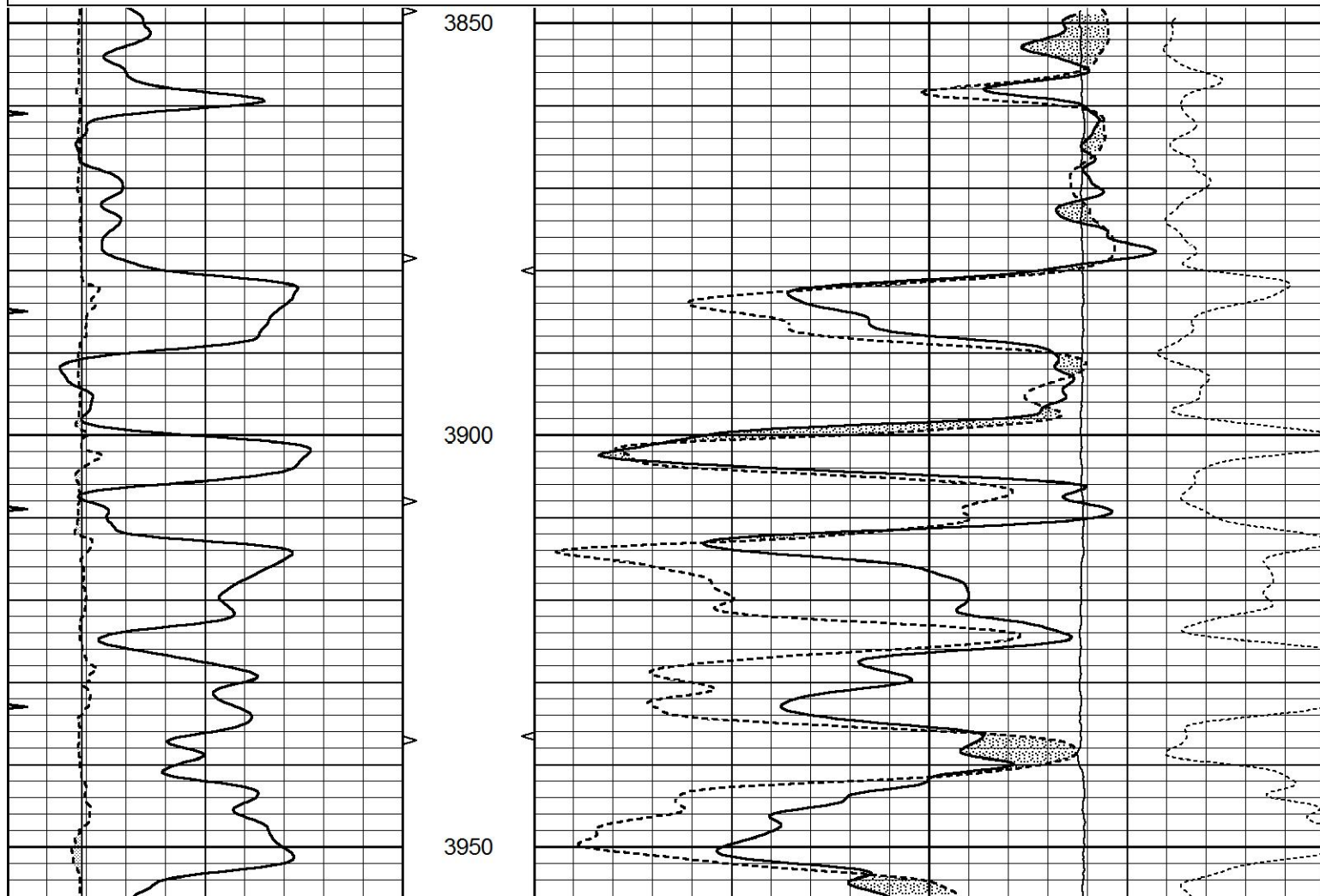


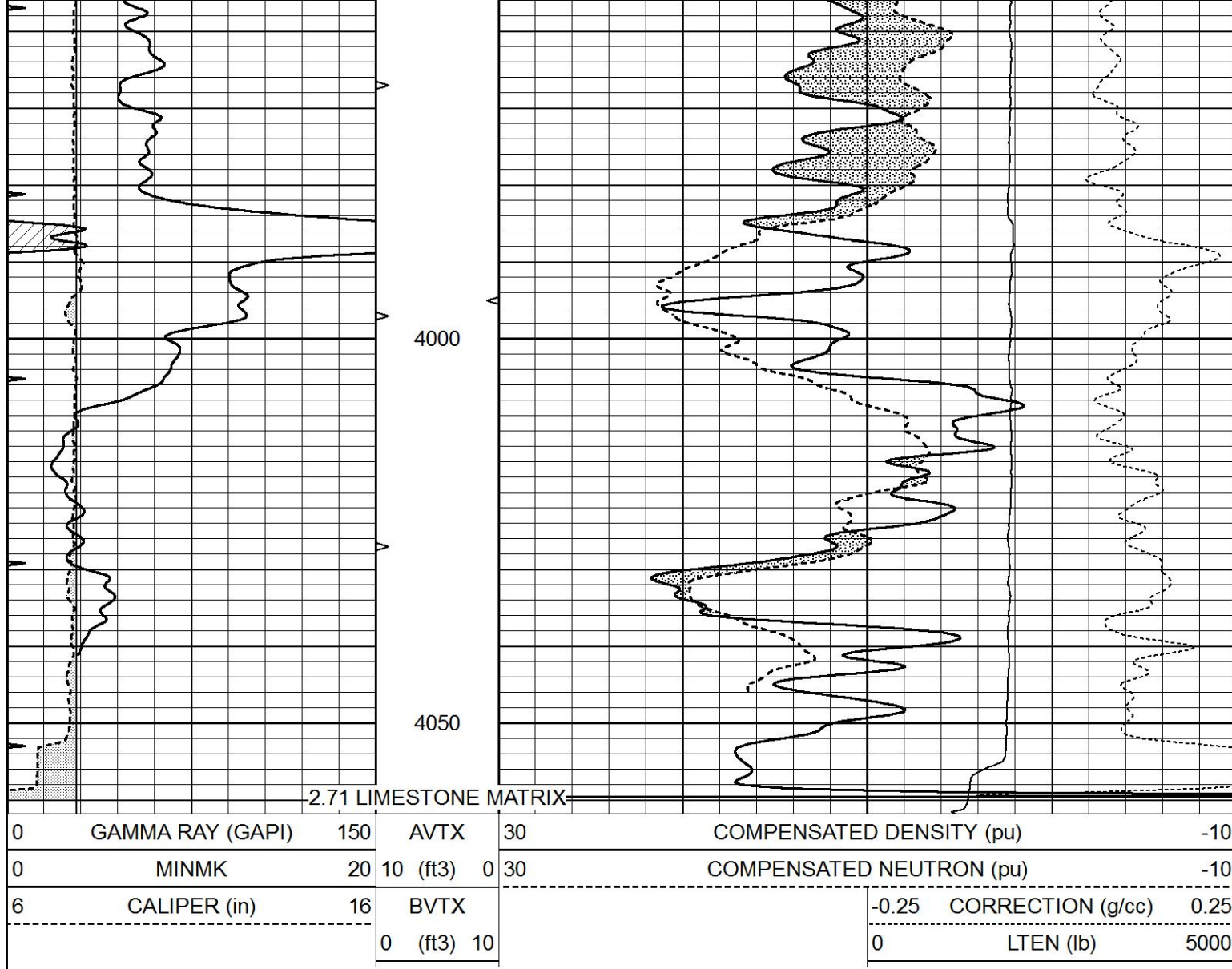


LIMESTONE MATRIX REPEAT

Database File 8668ddn.db
 Dataset Pathname pass5LS
 Presentation Format _den_neu
 Dataset Creation Thu Apr 18 19:58:32 2024
 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		0 LTEN (lb)	5000

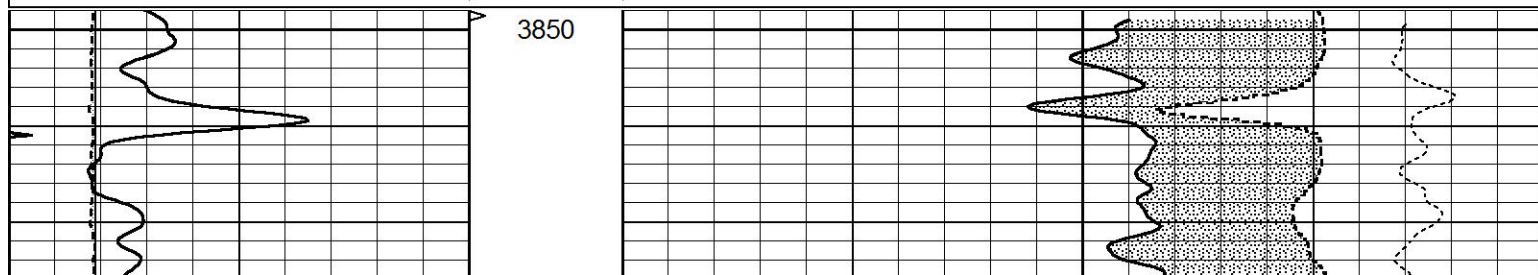


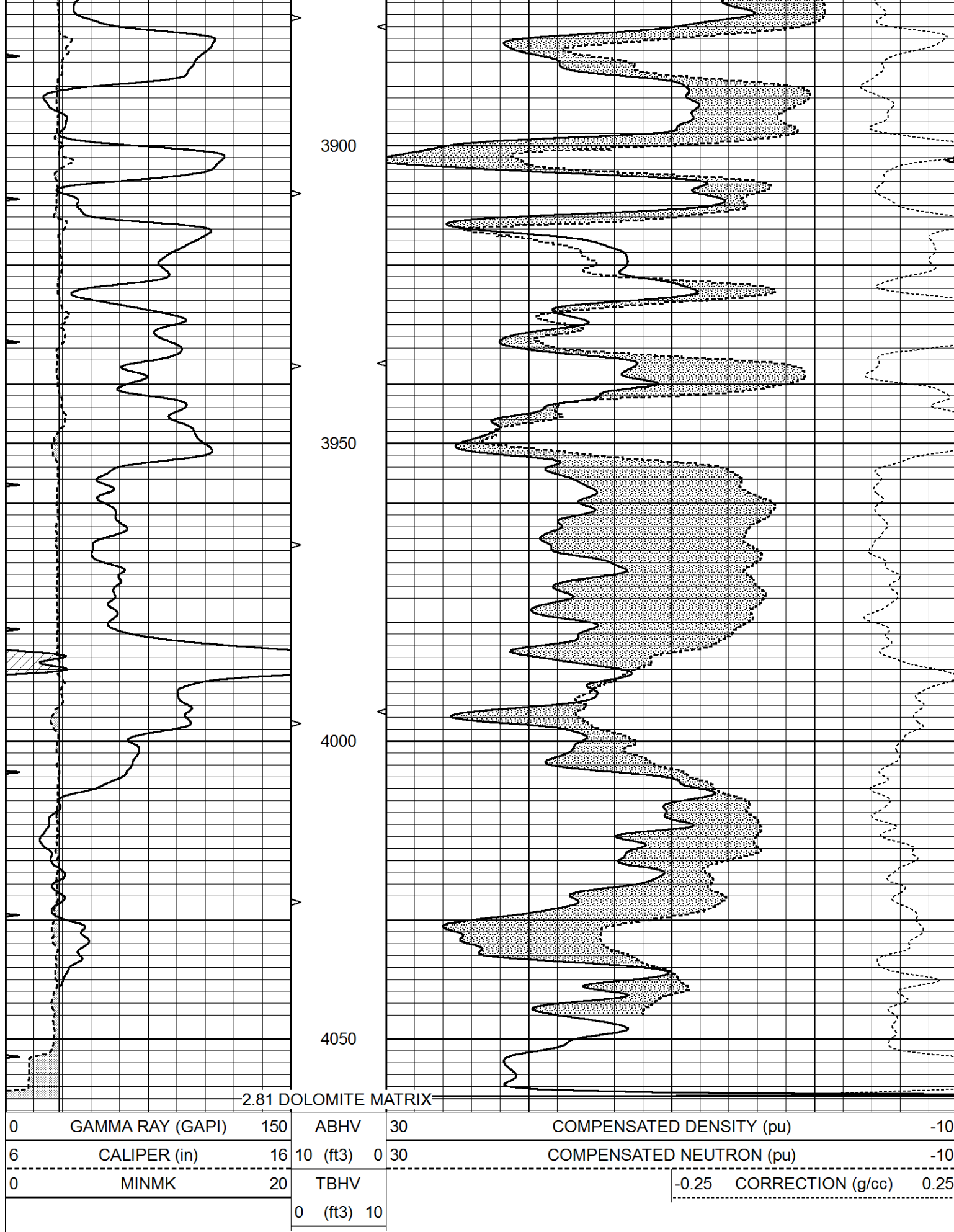


DOLOMITE MATRIX REPEAT

Database File 8668ddn.db
 Dataset Pathname pass5DOL
 Presentation Format den_neu
 Dataset Creation Thu Apr 18 20:02:16 2024
 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			





Litho Density Calibration Report
Serial: 002 Model: PRB

Master Calibration		Performed Tue Mar 05 14:38:26 2024			
	Background	Magnesium	Aluminum	Aluminum+Fe	
Window 1	725.2	6706.7	2064.1	1781.5	cps
Window 2	662.7	5683.9	1787.4	1577.3	cps
Window 3	531.1	2851.1	1038.7	963.2	cps
Window 4	159.2	158.7	158.9	156.4	cps
Long Space	0.0	5021.2	1124.6	914.6	cps
Short Space	1.4	1196.9	818.3	680.9	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 45.7	Rib Slope	: 1.026	Density/Spine Ratio	: 0.570
Spine Angle	: 75.7	Spine Slope	: 3.935	Spine Intercept	: -19.4

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:	080621PMC
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

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	46001		
Tool Model:	Probe1		
Performed:	Thu Apr 20 09:55:57 2023		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.4300	GAPI/cps	