



COMPENSATED DENSITY/NEUTRON PE LOG

Company VINCENT OIL CORPORATION

Well CLOSE #3-2

Field SODVILLE

County FORD State KANSAS

Location: API #: 15-057-21075-0000

SEC 2 TWP 29S RGE 23W

Permanent Datum GROUND LEVEL Elevation 2544
Log Measured From KELLY BUSHING 12' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL
SONIC

Elevation

K.B. 2556
D.F. 2554
G.L. 2544

Date 11/10/22

Run Number ONE

Depth Driller 5350

Depth Logger 5348

Bottom Logged Interval 5324

Top Log Interval 4300

Casing Driller 8 5/8" @ 654'

Casing Logger 654

Bit Size 7 7/8"

Type Fluid in Hole CHEMICAL MUD CHLORIDES: 5,700 PPM

Density / Viscosity 9.2/69

pH / Fluid Loss 11.0/6.8

Source of Sample FLOWLINE

Rm @ Meas. Temp .600 @ 77F

Rmf @ Meas. Temp .450 @ 77F

Rmc @ Meas. Temp .720 @ 77F

Source of Rmf / Rmc MEASURED

Rm @ BHT .361 @ 128F

Time Circulation Stopped 3 HOURS

Time Logger on Bottom 4.45 P.M.

Maximum Recorded Temperature 128F

Equipment Number 8916

Location HAYS, KANSAS

Recorded By JEFF LUEBBERS

Witnessed By TOM DUDGEON

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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

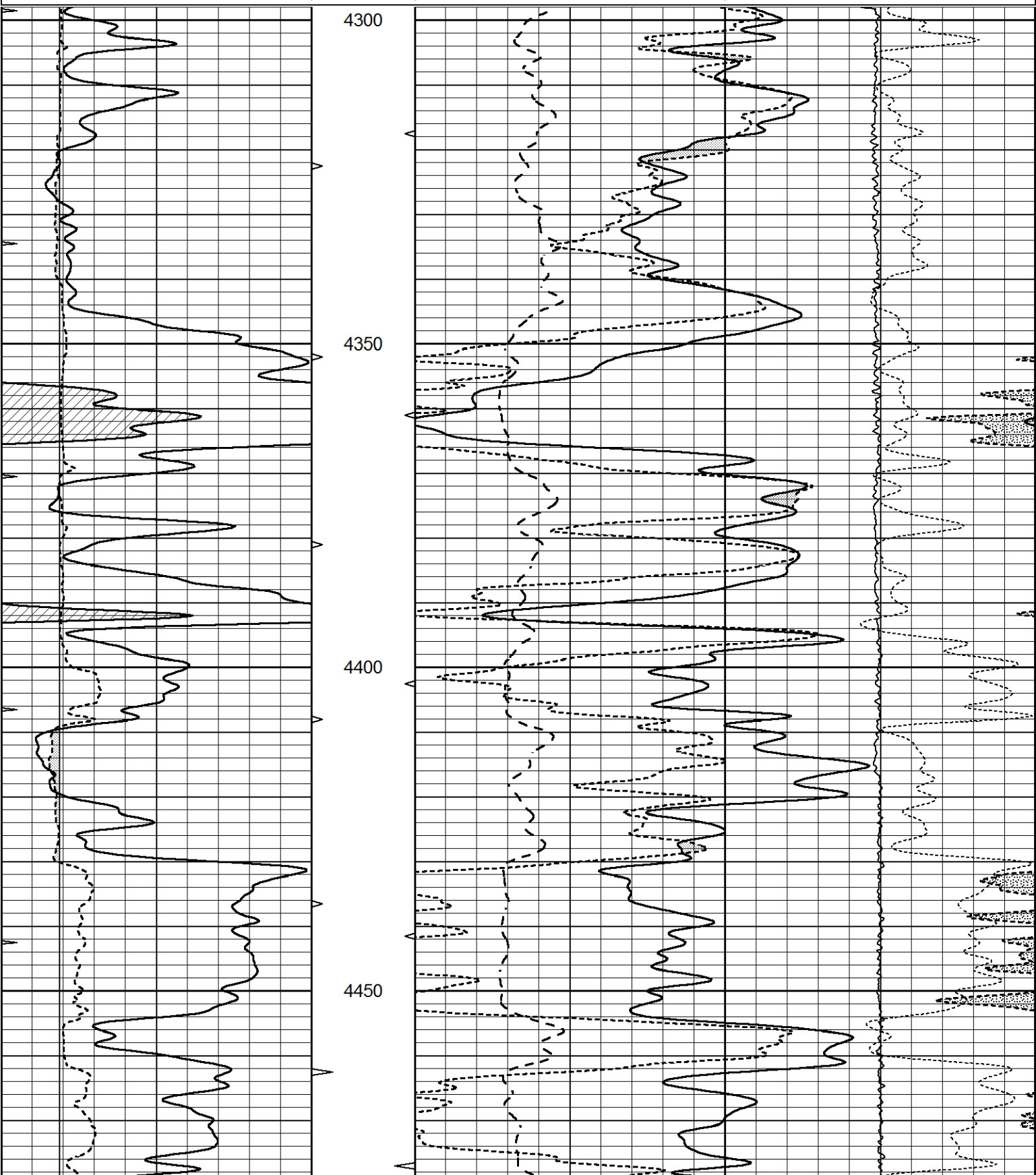
THANK YOU FOR USING ELI WIRELINE, HAYS, KS. (785) 628-6395
DIRECTIONS:
KINGSDOWN, KS., 1N. ON "RD. 125" TO "WILDFIRE RD.", 2 1/4W., N. INTO

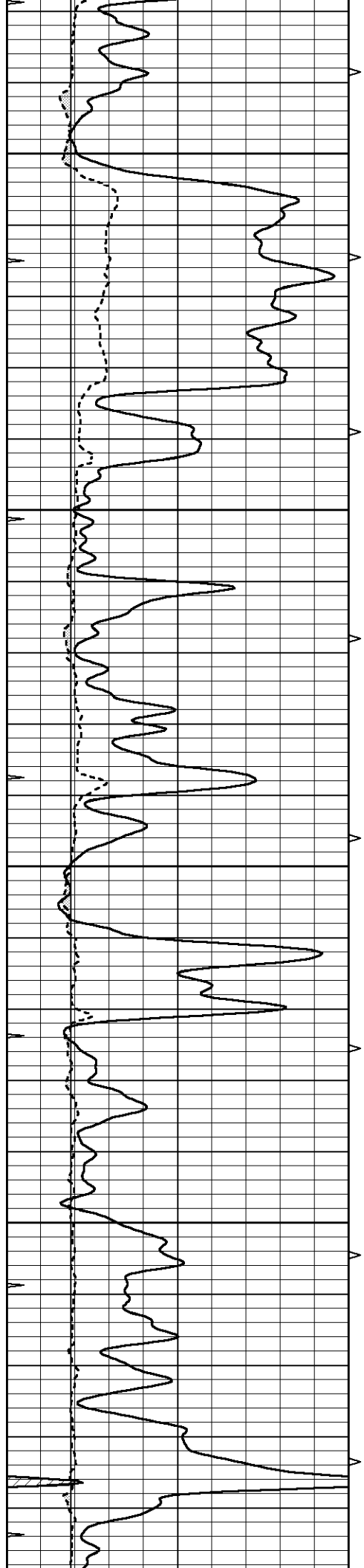


MAIN SECTION

Database File	6720pe.db
Dataset Pathname	pass3.1M
Presentation Format	ldt_neu
Dataset Creation	Thu Nov 10 18:32:38 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	PE	10	0	LTEN (lb)	5000
			0 (ft3)	10			-0.25	CORRECTION (g/cc)	0.25



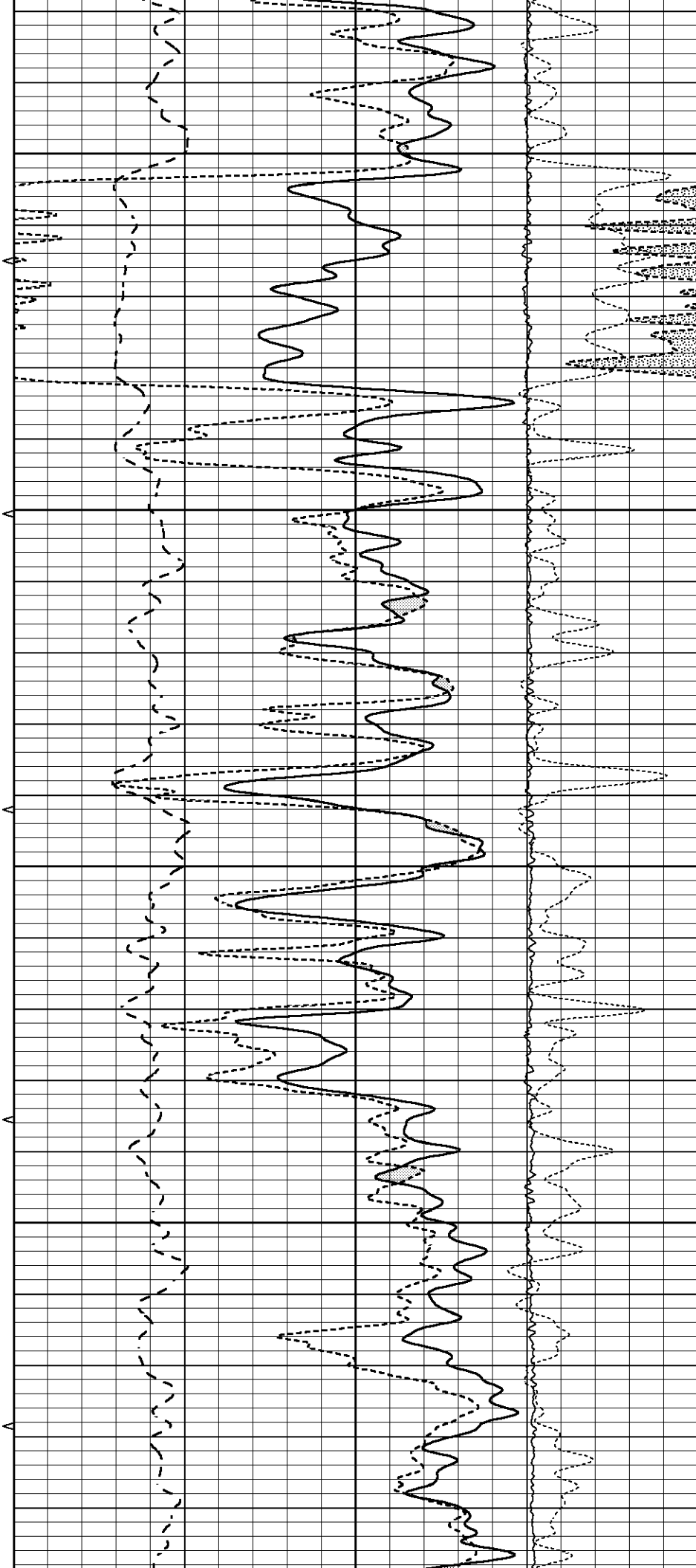


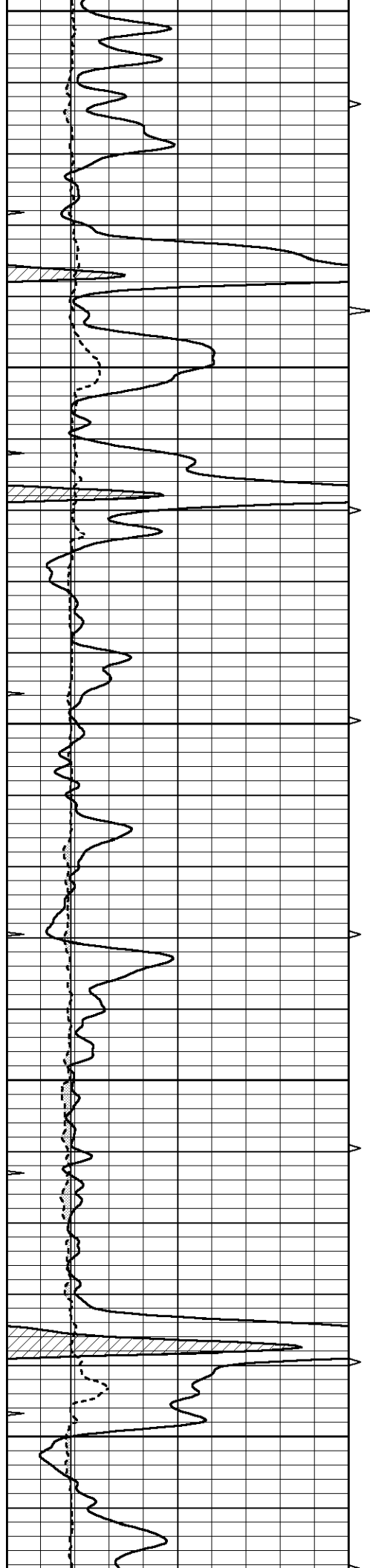
4500

4550

4600

4650





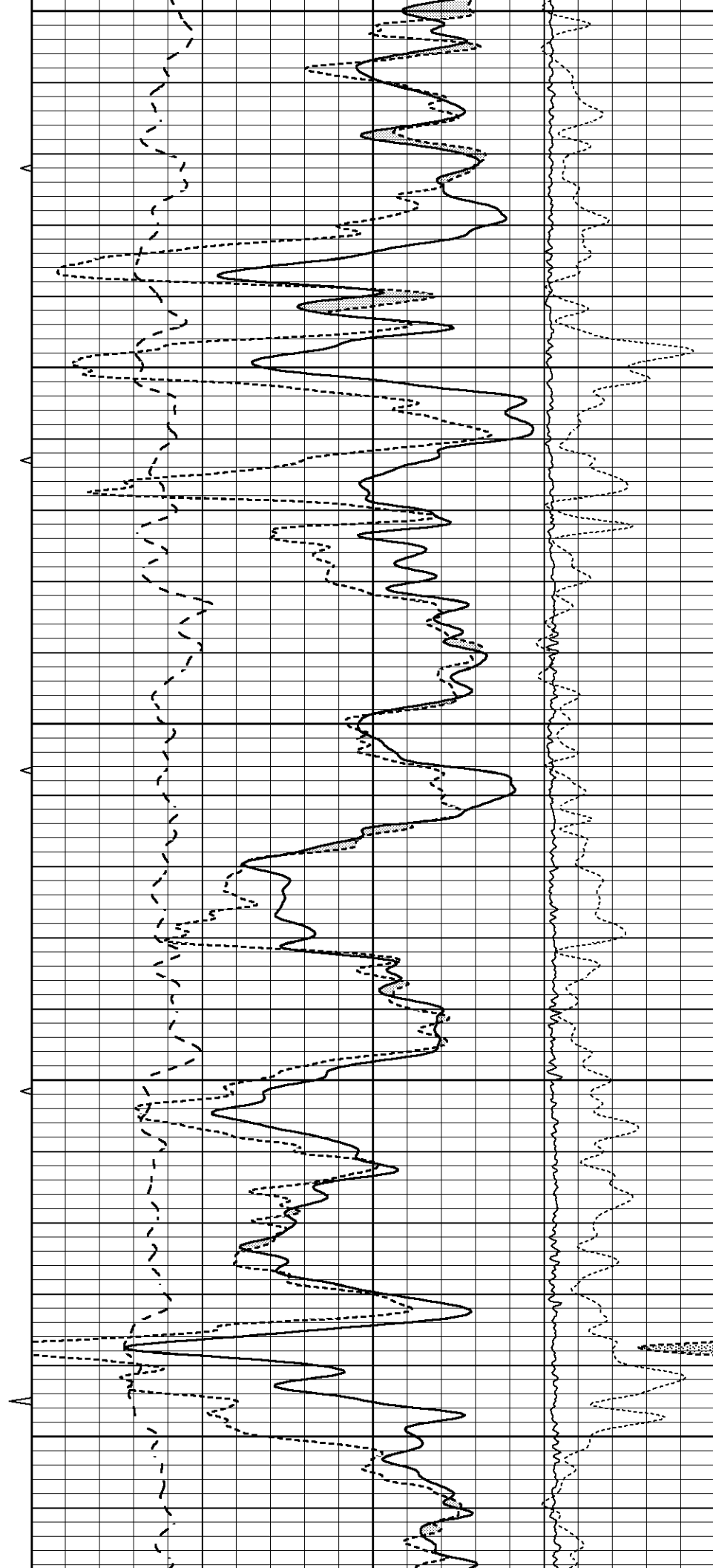
4700

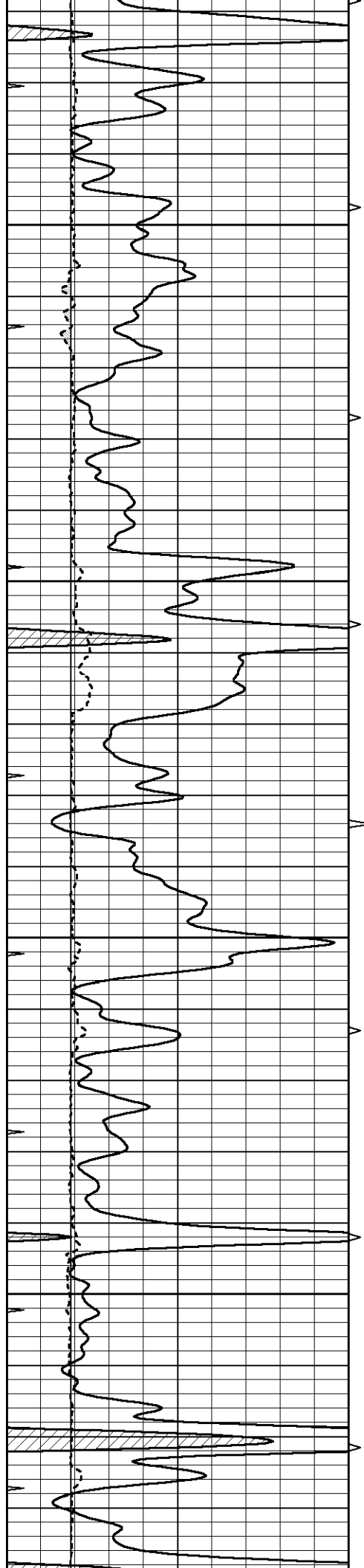
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4800

4850

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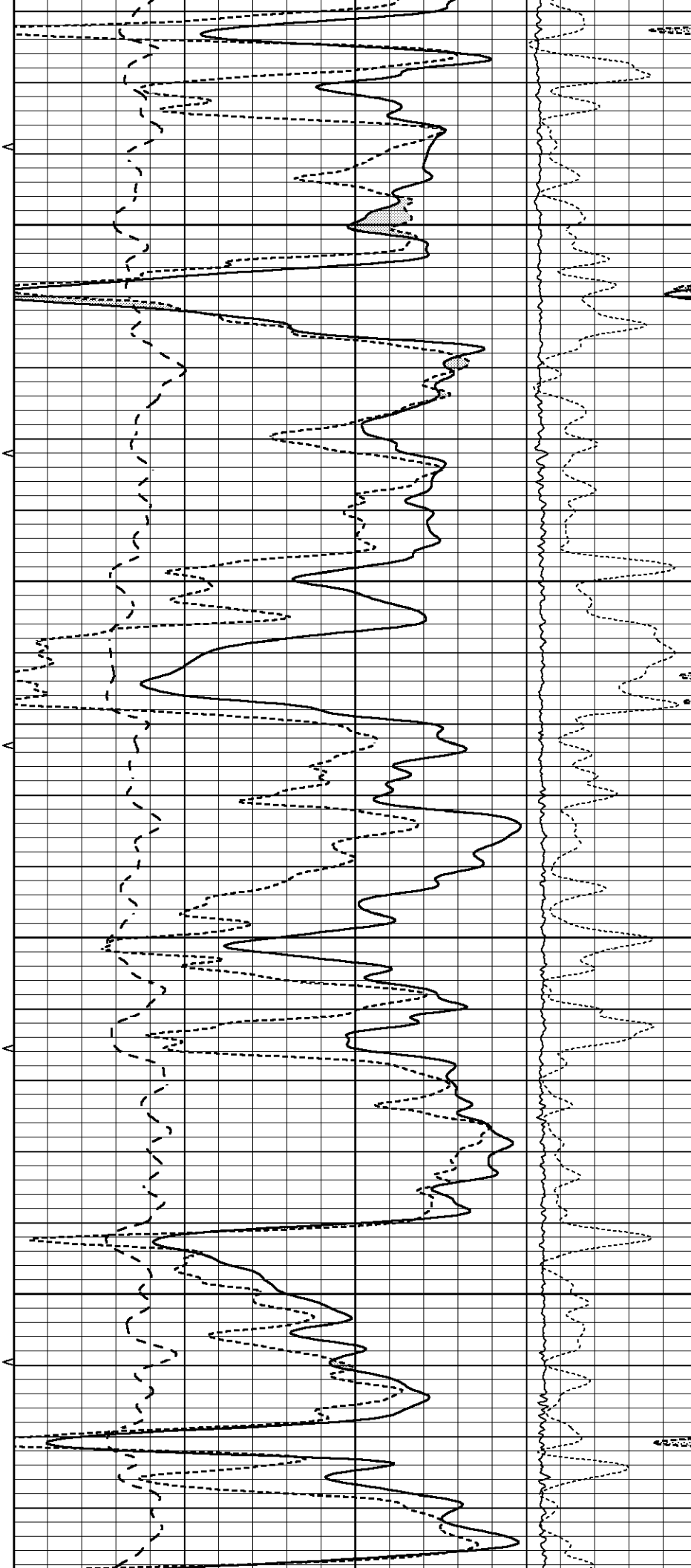


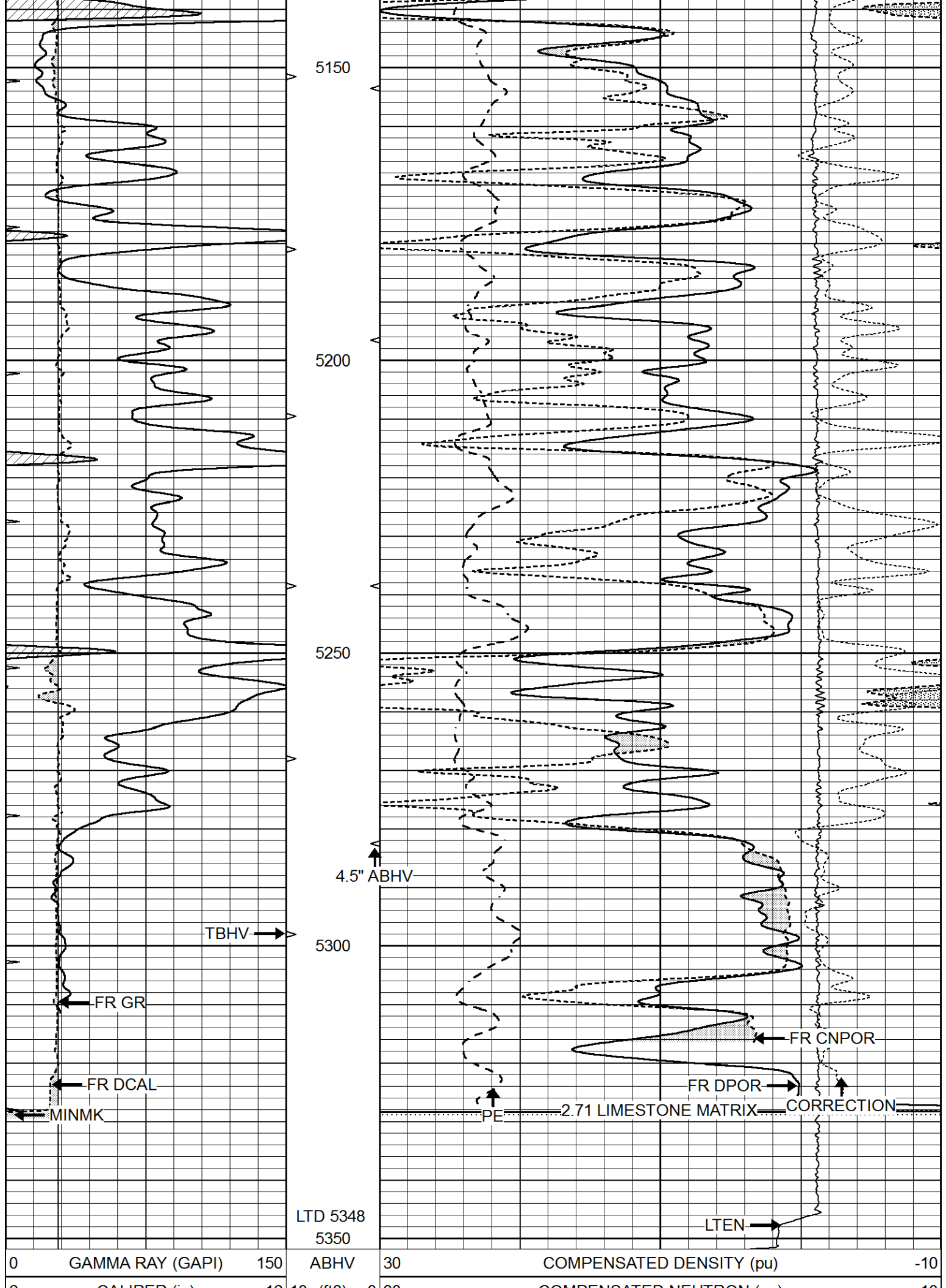
4950

5000

5050

5100





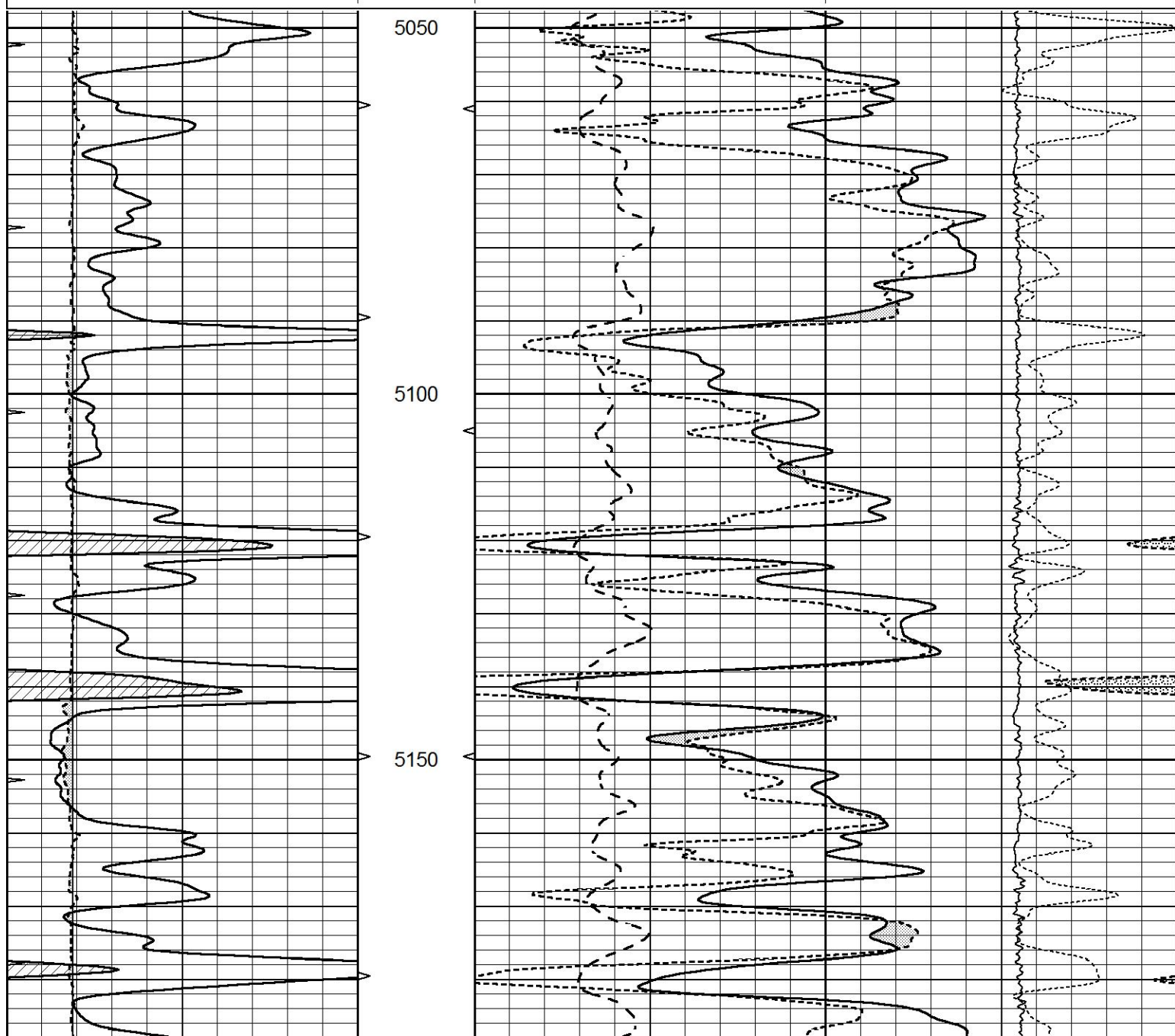
CALIPER (in)			16	10 (ft3)	0	COMPENSATED NEUTRON (pu)			-10				
0	MINMK		20	TBHV		0	PE		10	0	LTEN (lb)		5000
				0 (ft3)	10					-0.25	CORRECTION (g/cc)		0.25

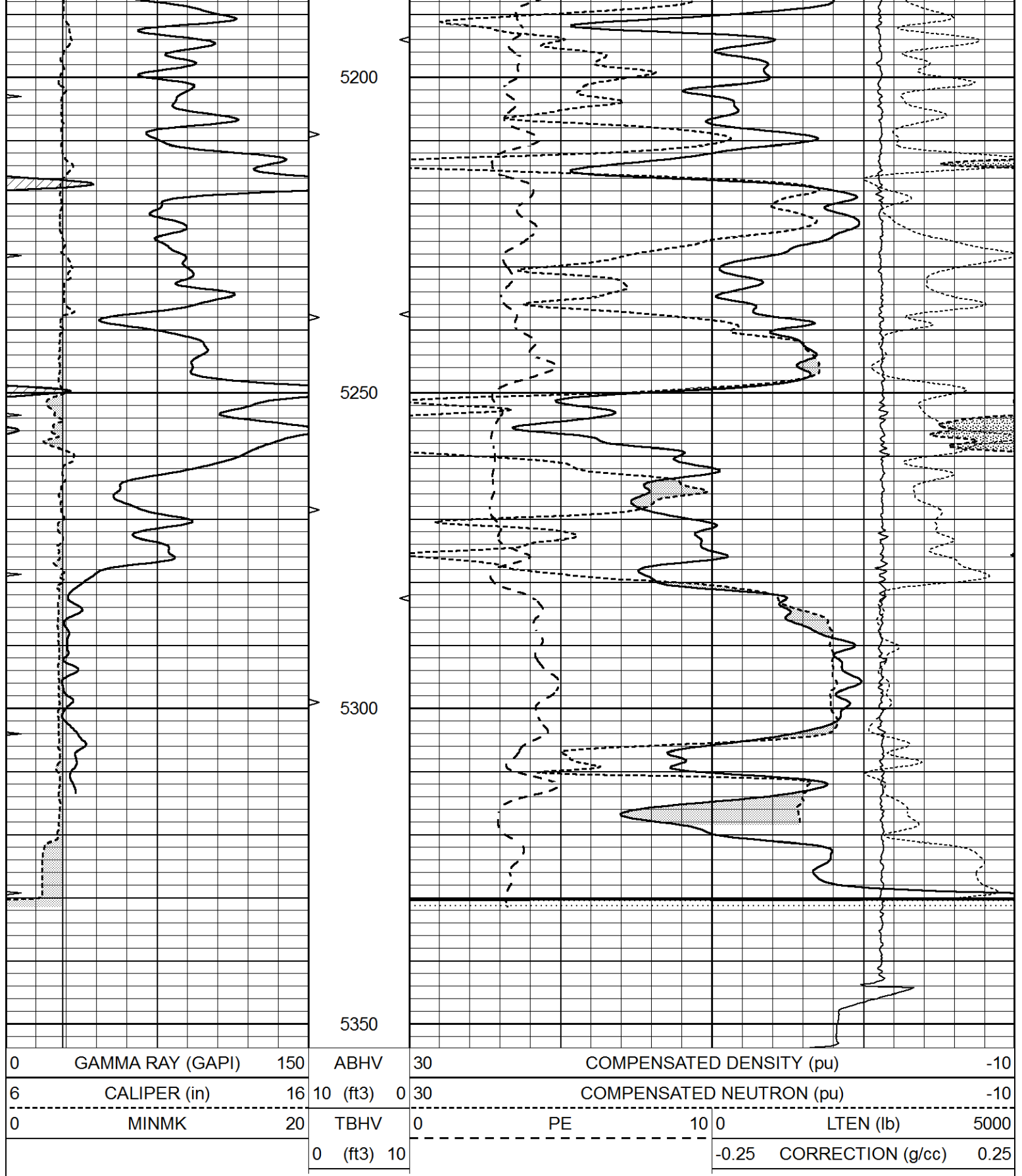


REPEAT SECTION

Database File 6720pe.db
 Dataset Pathname pass2.1R
 Presentation Format ldt_neu
 Dataset Creation Thu Nov 10 18:41:36 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	PE	10	0	LTEN (lb)	5000
				0 (ft3) 10				-0.25	CORRECTION (g/cc)





Calibration Report

Database File 6720pe.db
 Dataset Pathname pass3.1M
 Dataset Creation Thu Nov 10 18:32:38 2022

Dual Induction Calibration Report

Serial-Model:

PROBE8-DILG

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	0.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	620.000	-12.000
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 Fri Nov 04 15:19:59 2022			
	Background	Magnesium	Aluminum	Aluminum+Fe				
Window 1	1153.2	7232.1	2536.8	2279.5				cps
Window 2	1055.6	6225.5	2222.3	2030.5				cps
Window 3	902.5	3849.3	1546.4	1462.0				cps
Window 4	254.4	258.2	253.1	253.9				cps
Long Space	0.0	5169.9	1166.7	974.9				cps
Short Space	4.7	1383.0	950.5	792.1				cps
Rho		1.7100	2.5900	0.0000				g/cc
Pe		2.0000	2.7500	5.7900				
Rib Angle	: 45.9	Rib Slope	: 1.031	Density/Spine Ratio			: 0.573	
Spine Angle	: 75.9	Spine Slope	: 3.970	Spine Intercept			: -20.2	

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	

Compensated Neutron Calibration Report					
Serial Number:		6I			
Tool Model:		G			

CALIBRATION					
Detector		Readings		Target	
				Normalization	
Short Space		1.00	cps	1.00	cps
Long Space		1.00	cps	1.00	cps

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:		Tue Nov 08 13:43:57 2022			
Calibrator Value:		150.0		GAPI	
Background Reading:		0.0		cps	
Calibrator Reading:		272.0			

Calibrator Reading: 276.0 cps

Sensitivity: 0.8500 GAPI/cps