

COMPENSATED DENSITY/NEUTRON PE LOG

Company	MULL DRILLING COMPANY, INC.
Well	CARTER - JOHNSON #1-1
Field	PRAIRIE RIDGE NORTHWEST
County	LANE
State	KANSAS
Location:	API # : 15-101-22672-0000 2164' FNL & 200' FEL NE - SE - SE - NE SEC 1 TWP 16S RGE 27W
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL Elevation 2619 KELLY BUSHING 7' A.G.L KELLY BUSHING
	Elevation K.B. 2626 D.F. 2624 G.L. 2619
Date	5/16/22
Run Number	ONE
Depth Driller	4625
Depth Logger	4625
Bottom Logged Interval	4601
Top Log Interval	3800
Casing Driller	8 5/8" @ 223'
Casing Logger	223
Bit Size	7 7/8
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.3/57
pH / Fluid Loss	10.0/5.8
Source of Sample	FLOWLINE
Rm @ Meas. Temp	1.55 @ 76F
Rmf @ Meas. Temp	1.17 @ 76F
Rmc @ Meas. Temp	1.86 @ 76F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	.966 @ 122F
Time Circulation Stopped	2.5 HOURS
Time Logger on Bottom	10:30 P.M.
Maximum Recorded Temperature	122F
Equipment Number	3802
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	BLAKE MILLER

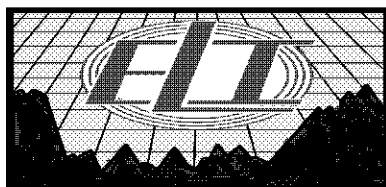
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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

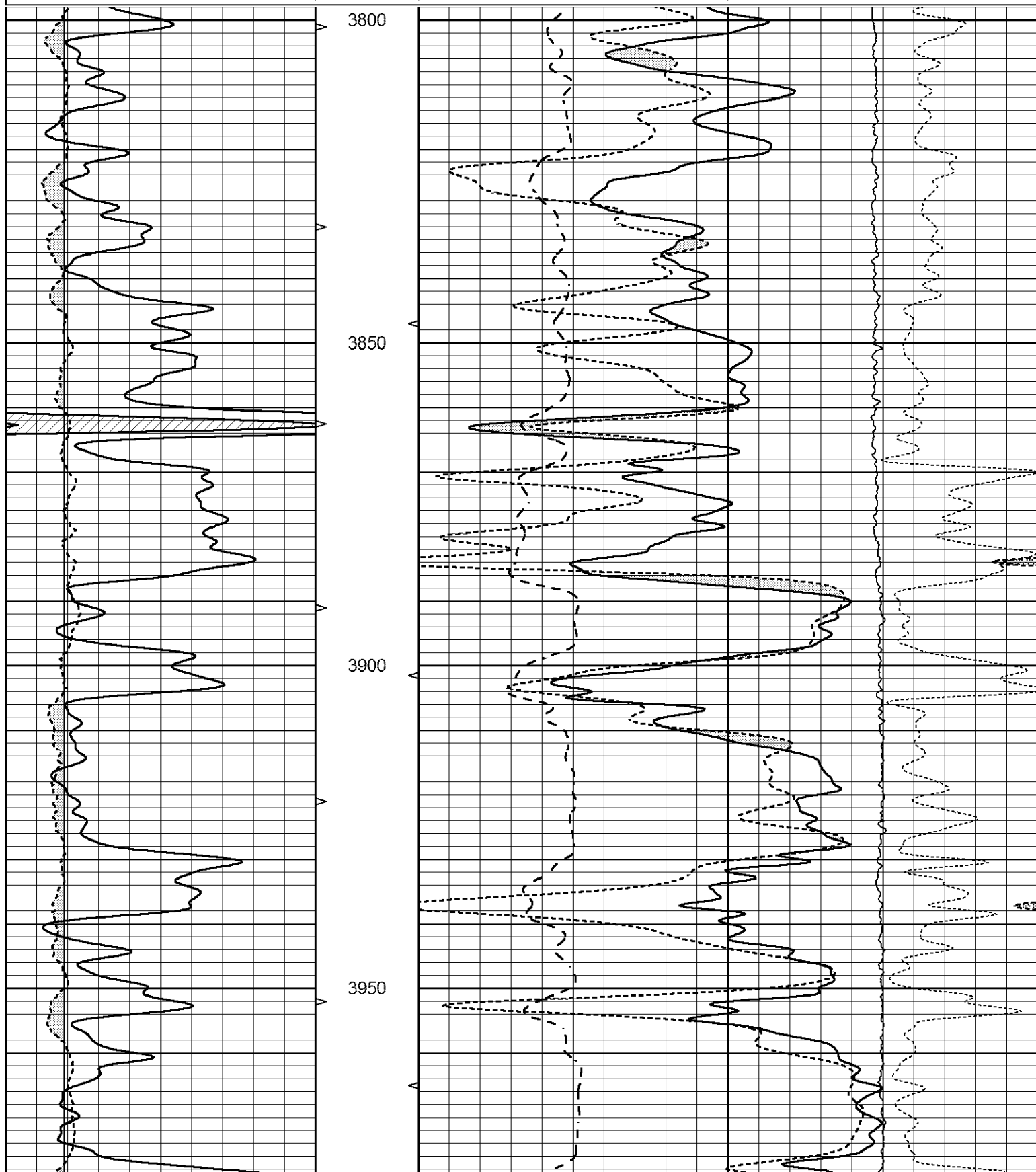
UTICA, KS., 3W. TO "RD. C" (CASTLE ROCK RD.) 4N., 1/2W. INTO

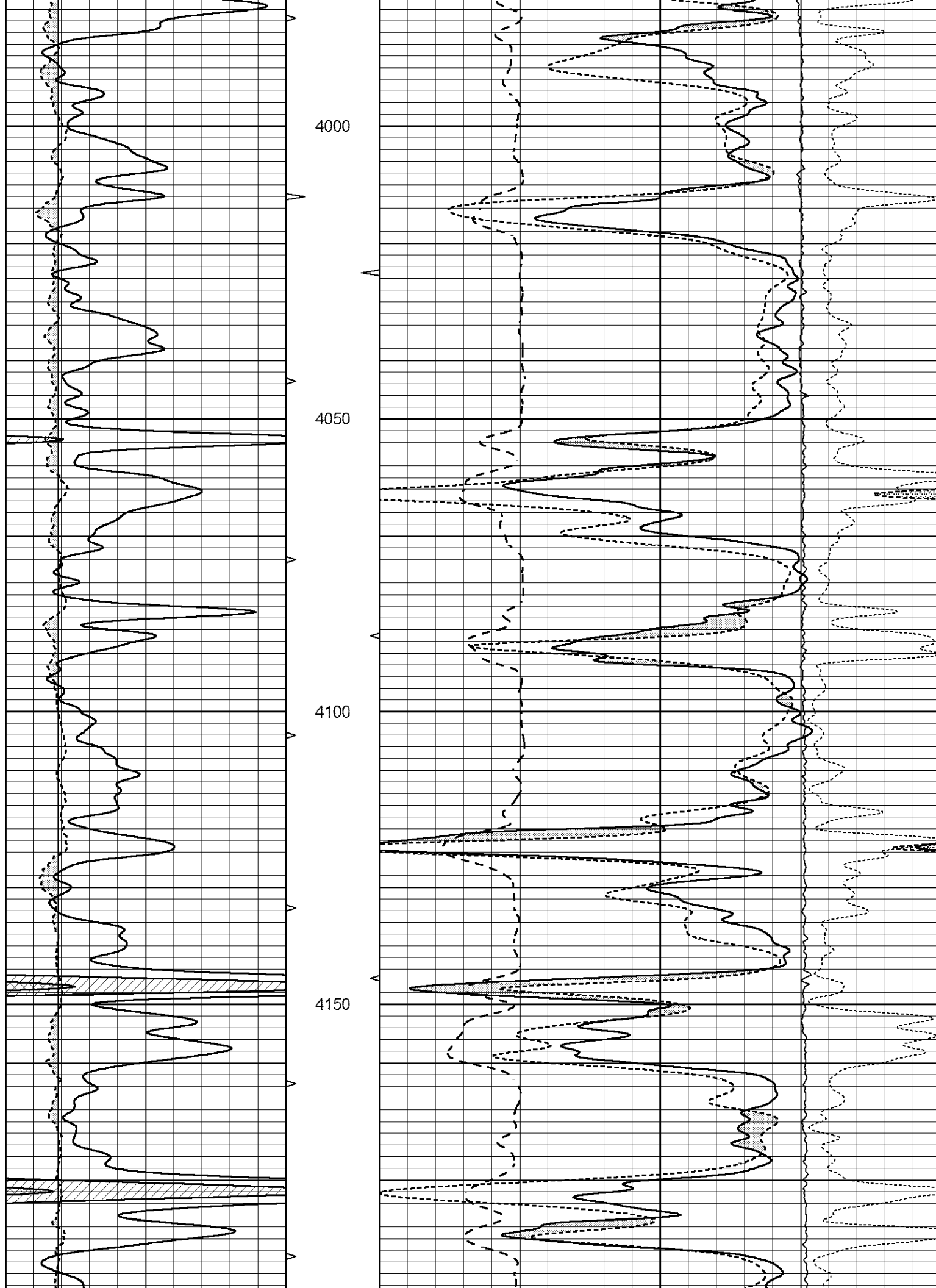


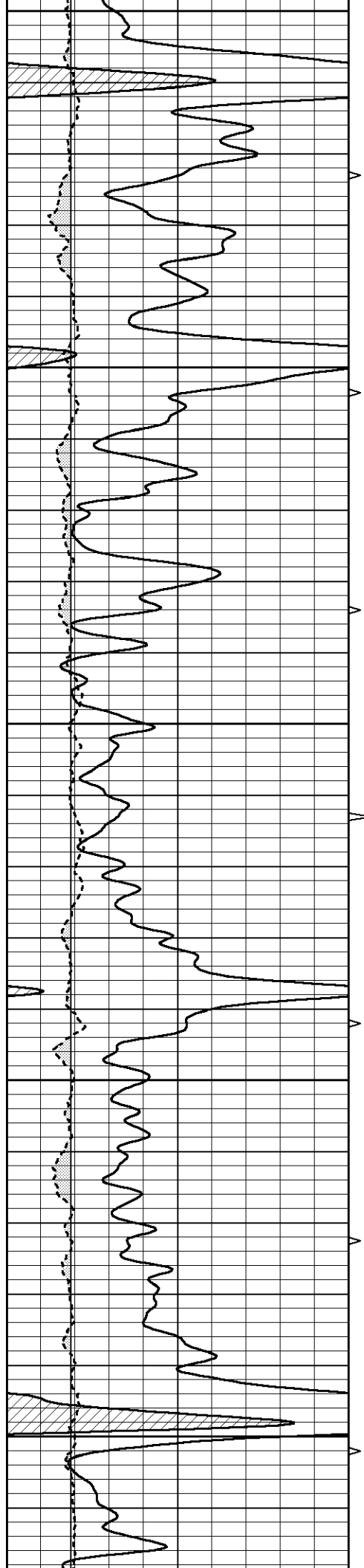
MAIN SECTION

Database File 6527pe.db
Dataset Pathname pass3.1M
Presentation Format ldt_neu
Dataset Creation Tue May 17 00:20:39 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
			TBHV	0	PE	10
			0 (ft3) 10	0	LTEN (lb)	5000
				-0.25	CORRECTION (g/cc)	0.25







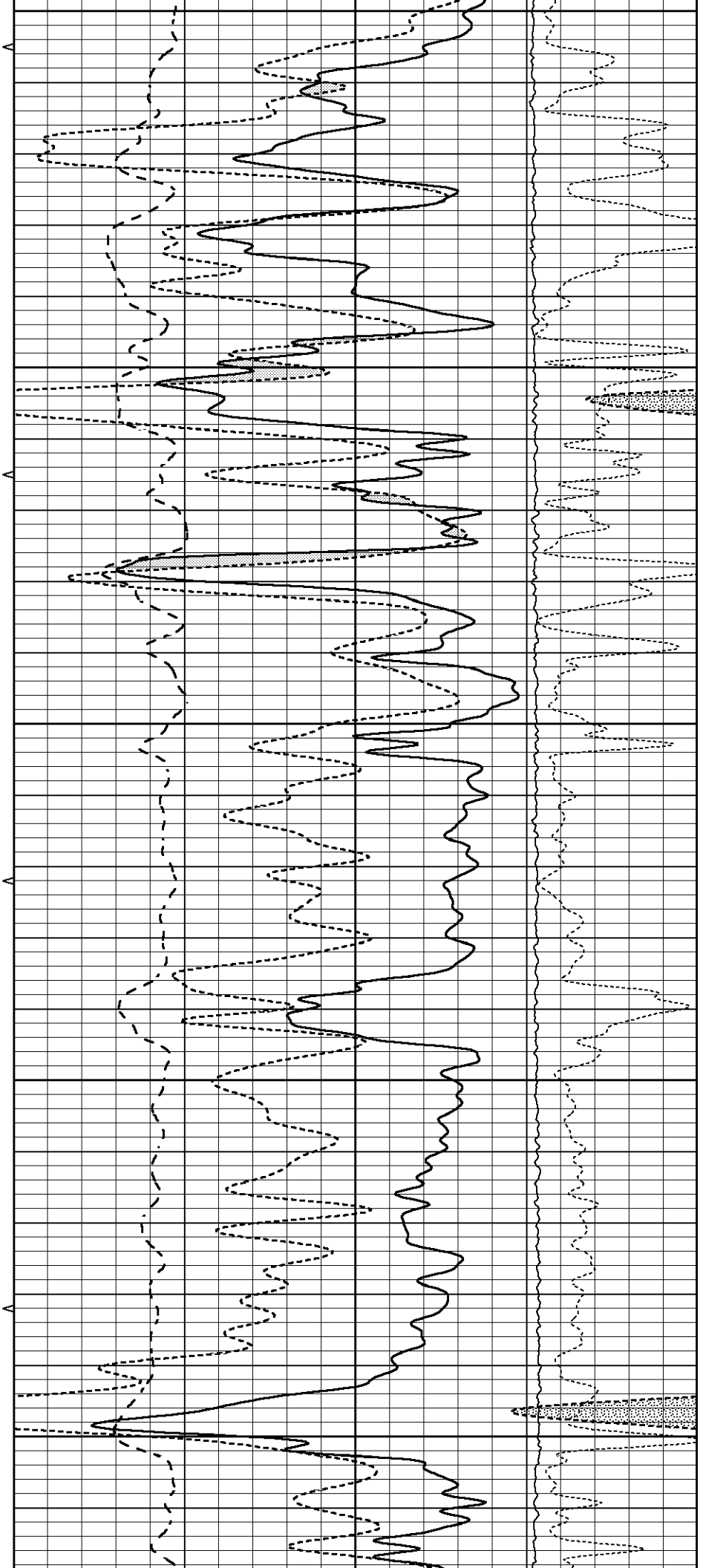
4200

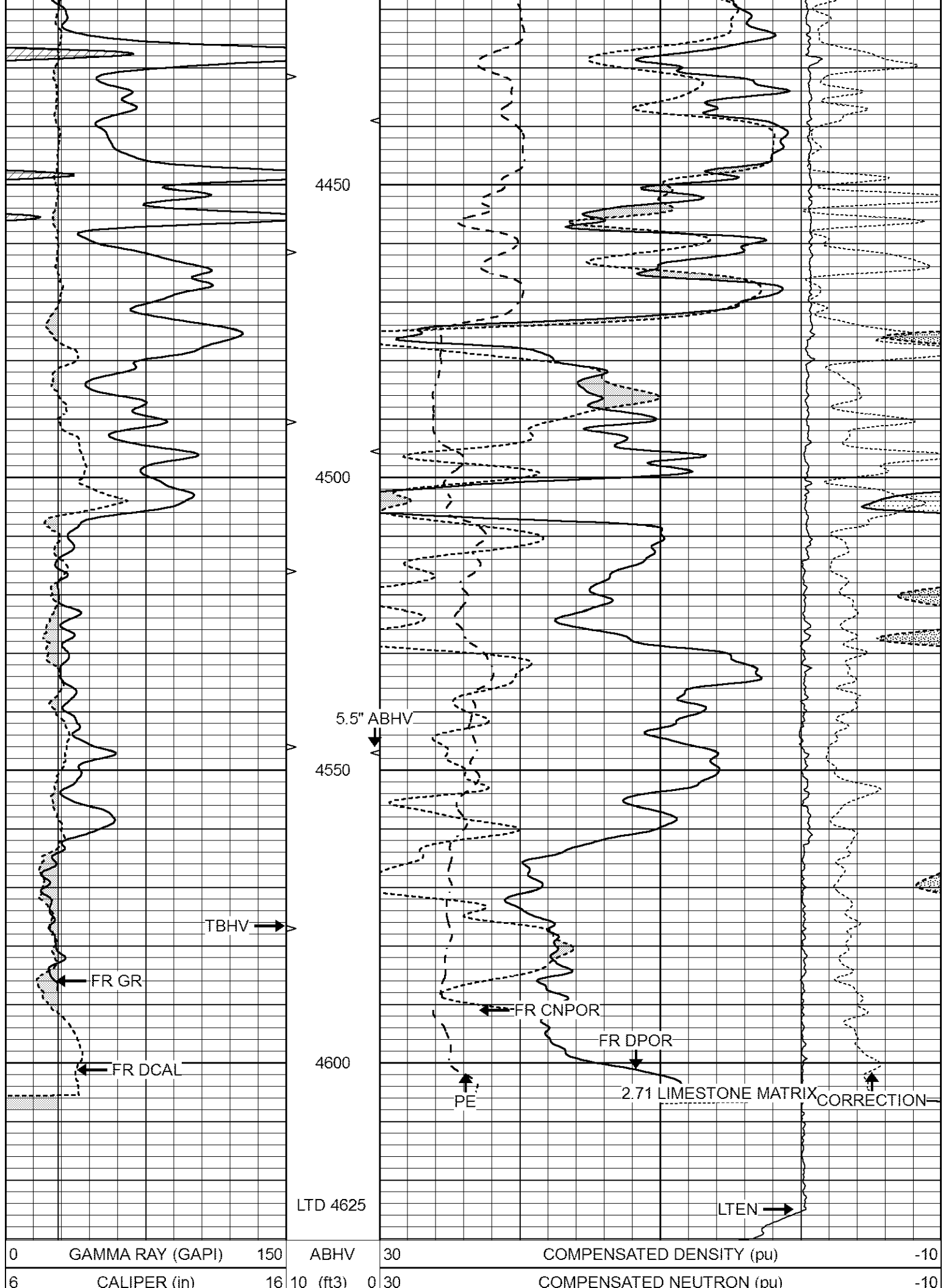
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4300

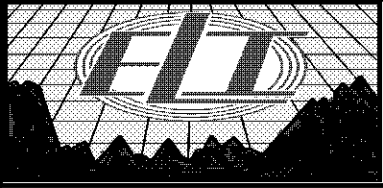
4350

4400





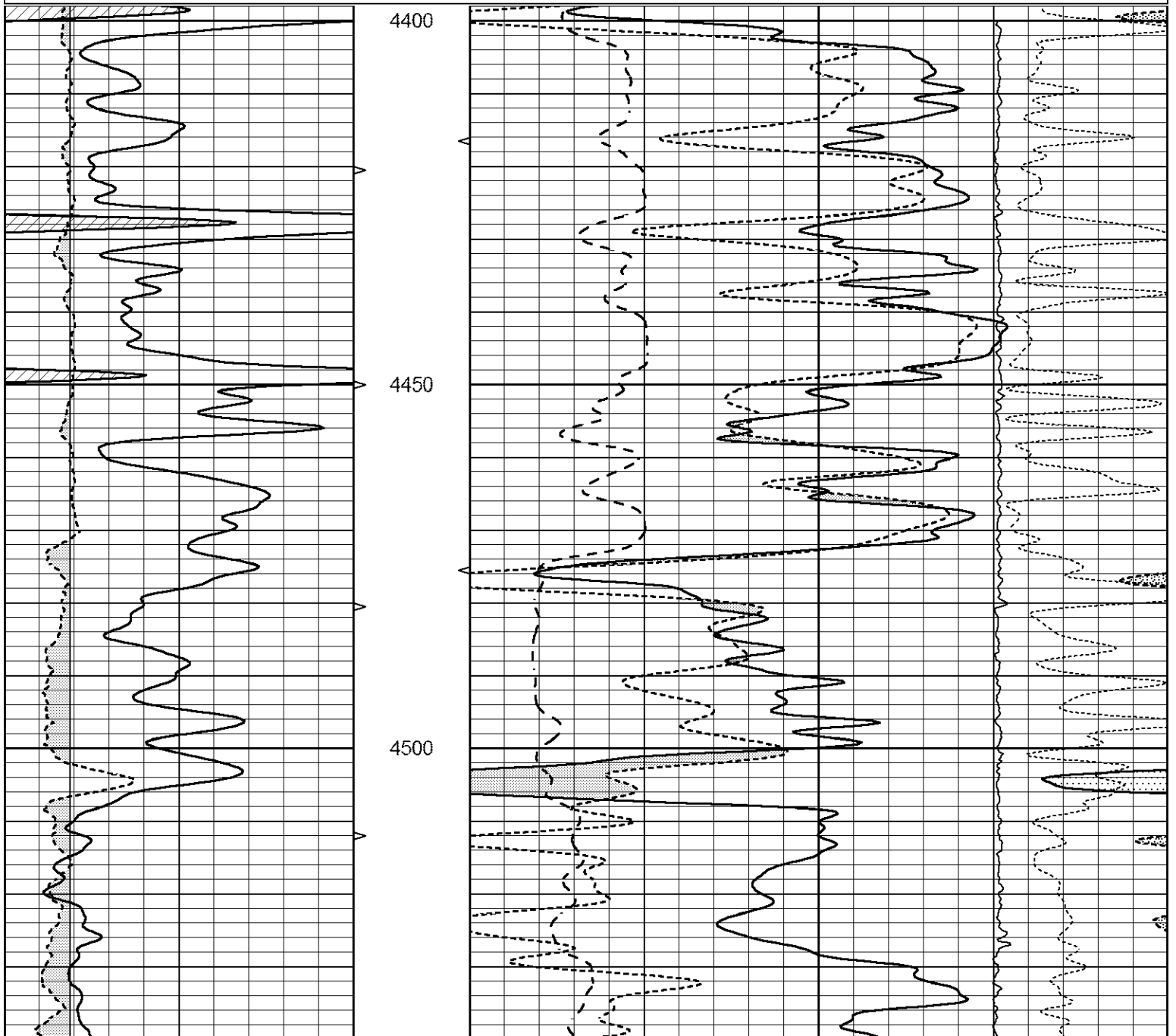
TBHV	0	PE	10	0	LTEN (lb)	5000
0 (ft3)	10				-0.25 CORRECTION (g/cc)	0.25

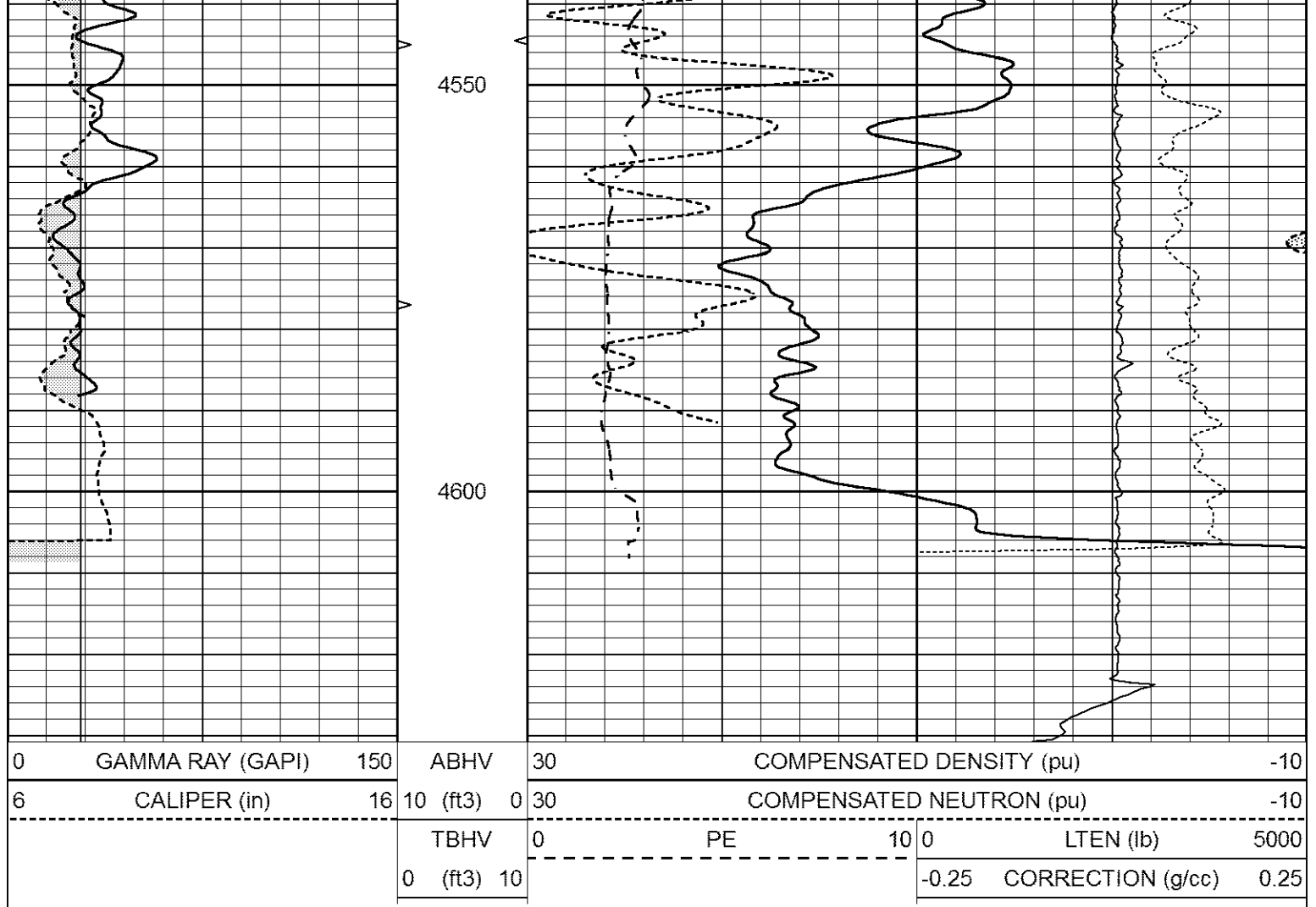


REPEAT SECTION

Database File 6527pe.db
 Dataset Pathname pass2.1R
 Presentation Format ldt_neu
 Dataset Creation Tue May 17 00:37:30 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
			TBHV	0	PE		10	0	LTEN (lb)	5000
			0 (ft3)	10				-0.25	CORRECTION (g/cc)	0.25





Calibration Report

Database File 6527pe.db
Dataset Pathname pass3.1M
Dataset Creation Tue May 17 00:20:39 2022

Dual Induction Calibration Report

Serial-Model: FW1410-56-Probe
Surface Cal Performed: Mon May 16 22:33:03 2022
Downhole Cal Performed: Tue Jul 25 12:15:37 2017
After Survey Verification Performed: Tue Jul 25 12:15:38 2017

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.765	V	1.000	400.000	mmho/m	420.000	-2.000
Medium	-0.056	0.761	V	1.000	464.000	mmho/m	425.187	138.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.005	0.624	V	0.000	400.000	mmho/m	645.611	-3.034
Medium	0.012	0.721	V	0.000	464.000	mmho/m	653.591	-7.532

Downhole Calibration

Readings				References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.647	301.329	mmho/m	-0.780	336.378	mmho/m	1.117	-0.058
Medium	38.356	411.013	mmho/m	39.046	441.706	mmho/m	1.080	2.280

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
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number:	7	
Tool Model:	Probe1	
Performed:	Mon May 16 22:33:16 2022	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.5200	GAPI/cps