

COMPENSATED
DENSITY/NEUTRON
LOG

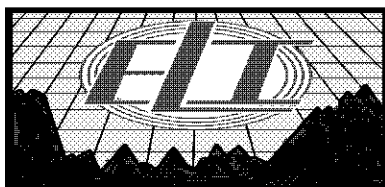
Company	PALOMINO PETROLEUM, INC.	
Well	#1 TOMAHAWK	
Field	BUTTERFIELD-OVERLAND NORTH	
County	GOVE	State KANSAS
Location:	API #: 15-063-22406-00-00 436' FSL & 425' FEL	Other Services DIL/MEL
Permanent Datum	SEC 20 TWP 14S RGE 30W	Elevation
Log Measured From	GROUND LEVEL Elevation 2800	K.B. 2811
Drilling Measured From	KELLY BUSHING 11' A.G.L. KELLY BUSHING	D.F. 2809 G.L. 2800
Date	5/20/22	
Run Number	ONE	
Depth Driller	4620	
Depth Logger	4621	
Bottom Logged Interval	4597	
Top Log Interval	3800	
Casing Driller	8 5/8" @ 214'	
Casing Logger	230	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3400 PPM
Density / Viscosity	9.4/62	
pH / Fluid Loss	11.0/7.2	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	1.70 @ 65F	
Rmf @ Meas. Temp	1.28 @ 65F	
Rmc @ Meas. Temp	2.04 @ 65F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.906 @ 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	COLE ROBBEN	TJ DREILING
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

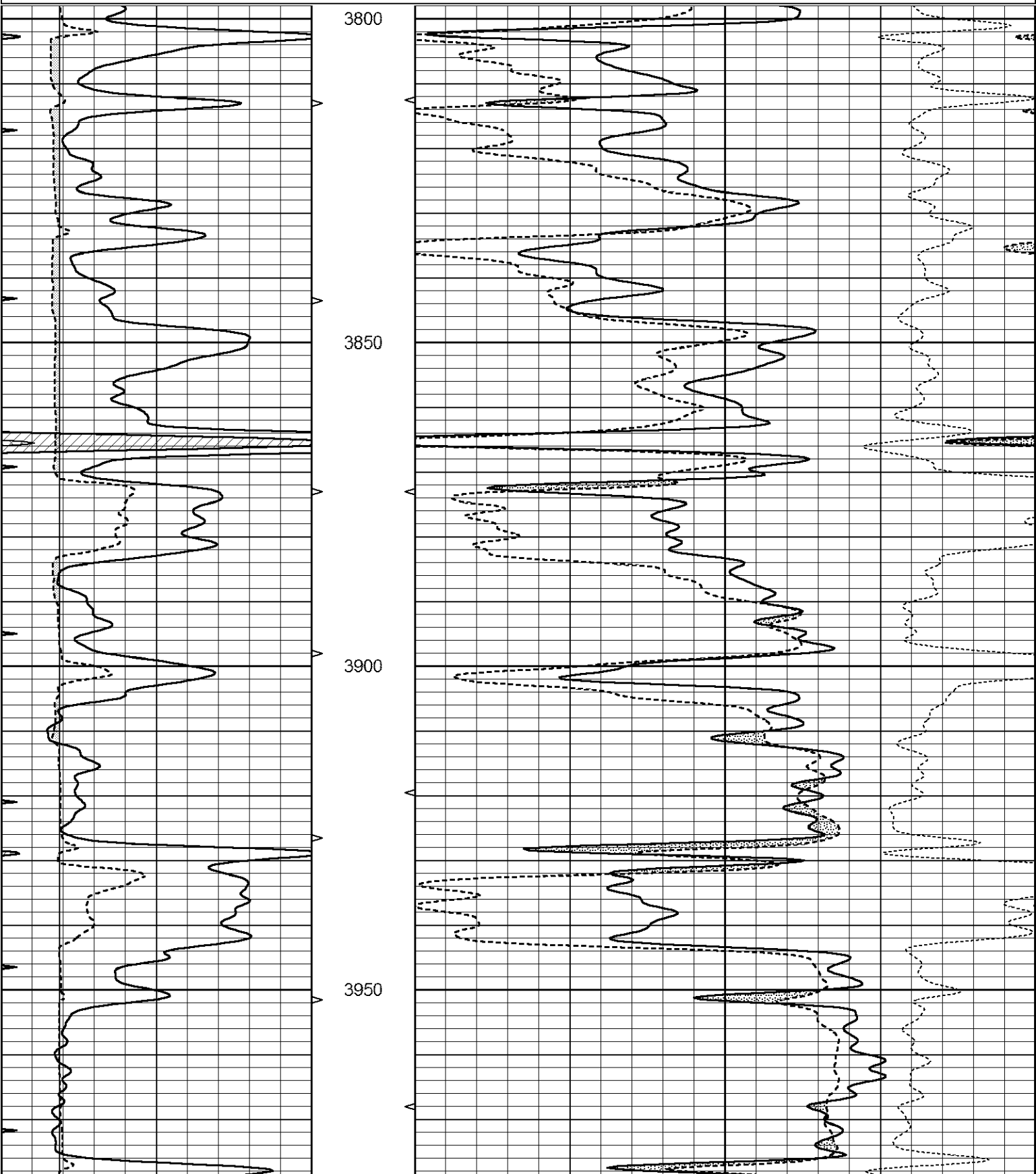
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
GOVE KS. SOUTH TO ROAD I, WEST 9 MILES, NORTH INTO

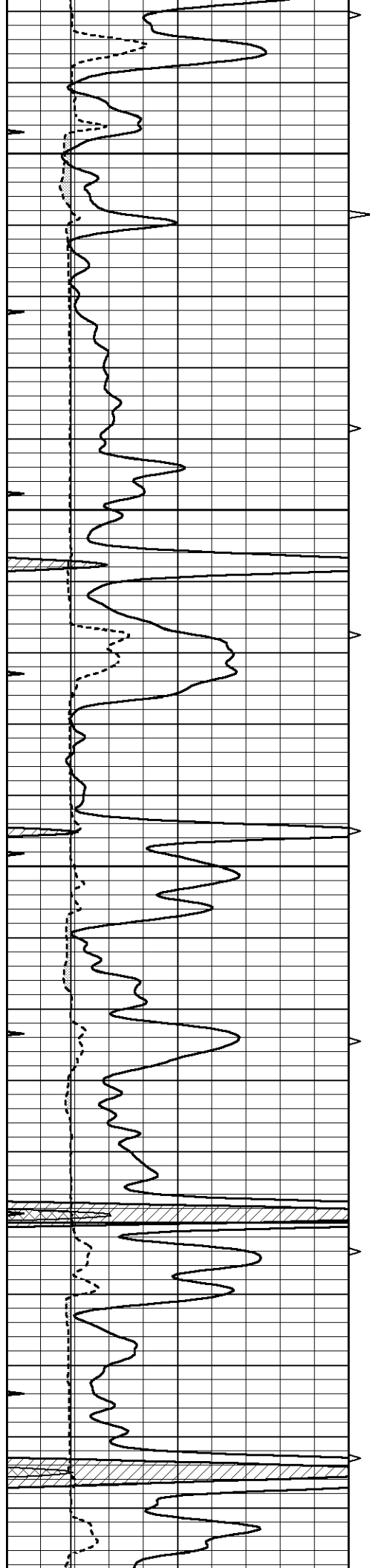


MAIN SECTION

Database File	6531.db
Dataset Pathname	pass4.3M
Presentation Format	_den_neu
Dataset Creation	Sat May 21 01:16:52 2022
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			



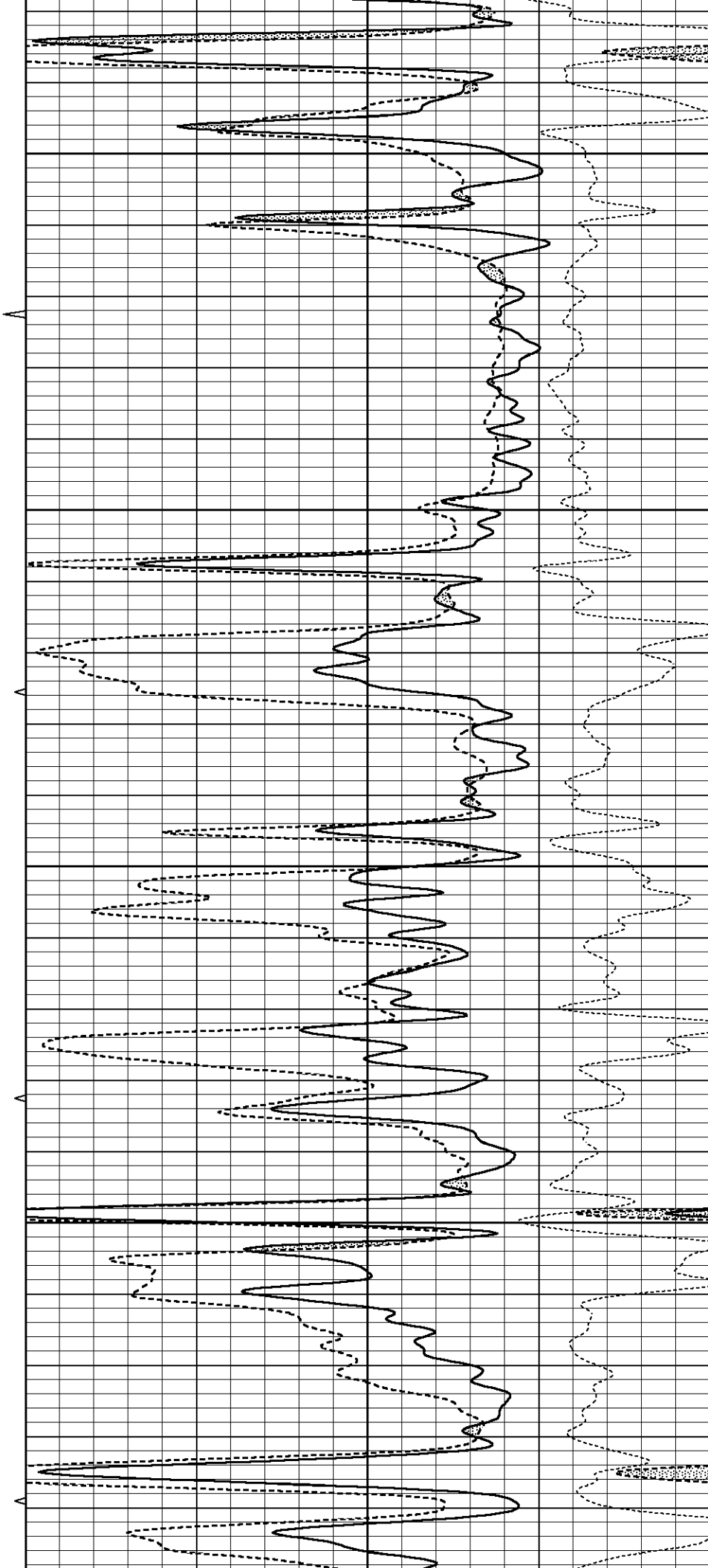


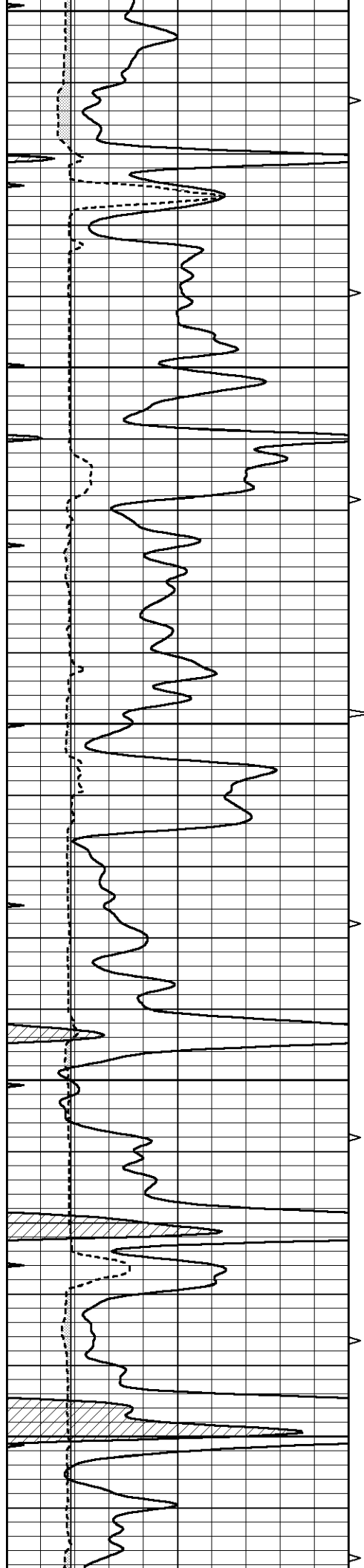
4000

4050

4100

4150





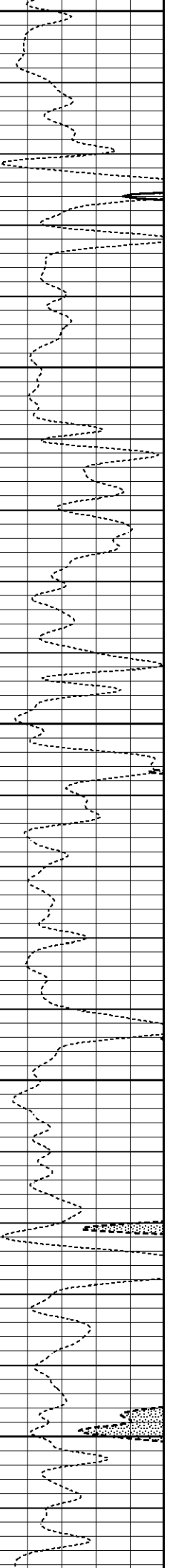
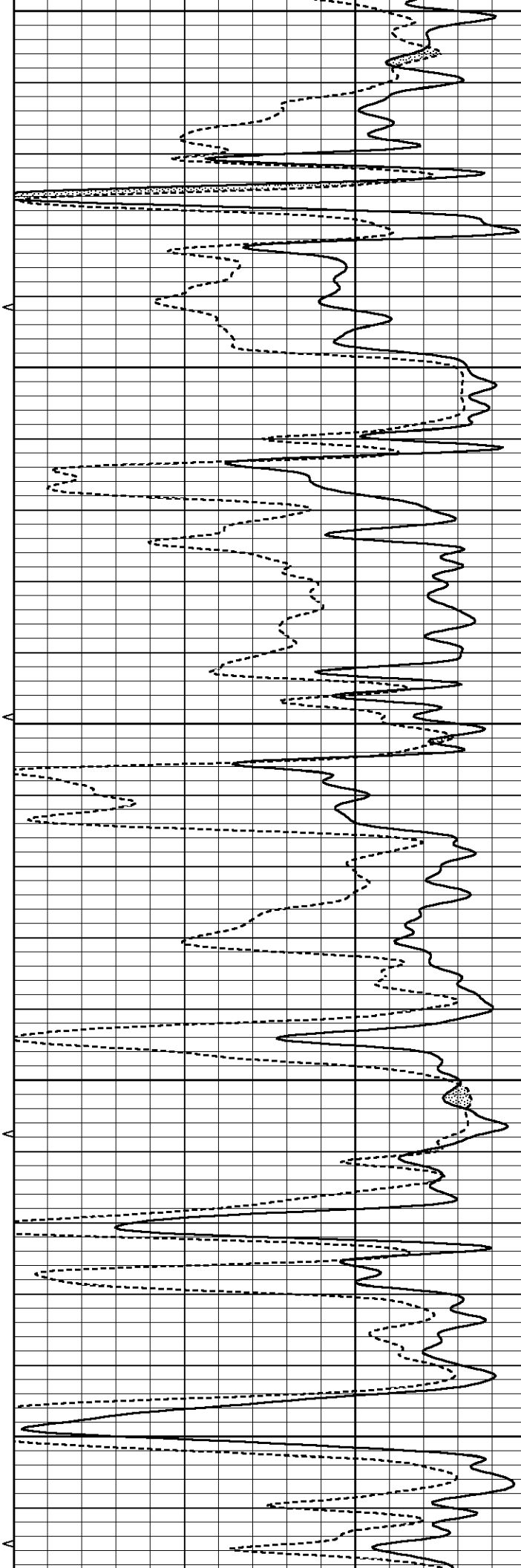
4200

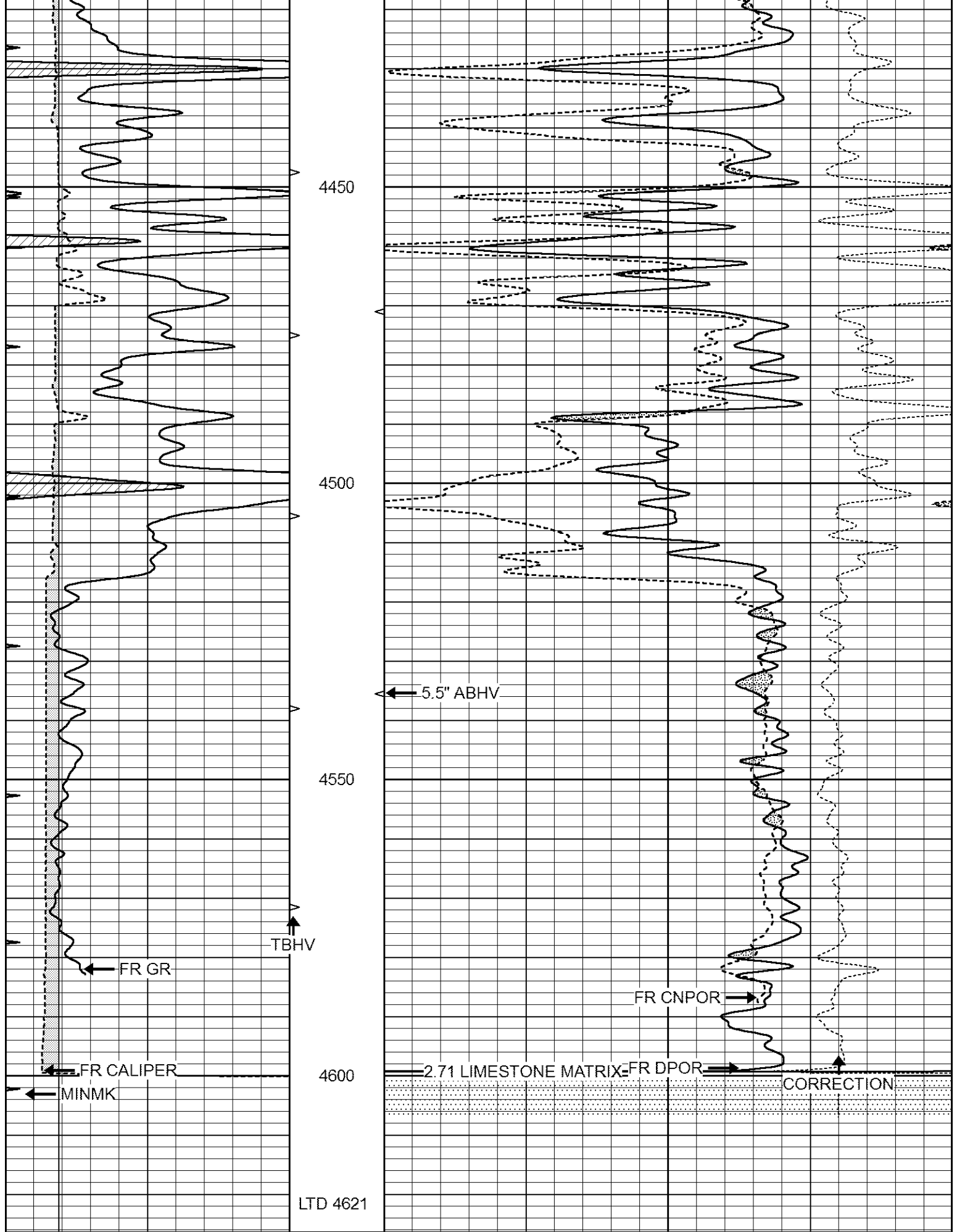
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4300

4350

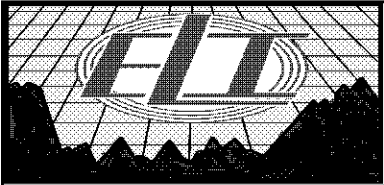
4400





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	RVTX		0.25	CORRECTION (g/cc)	0.25

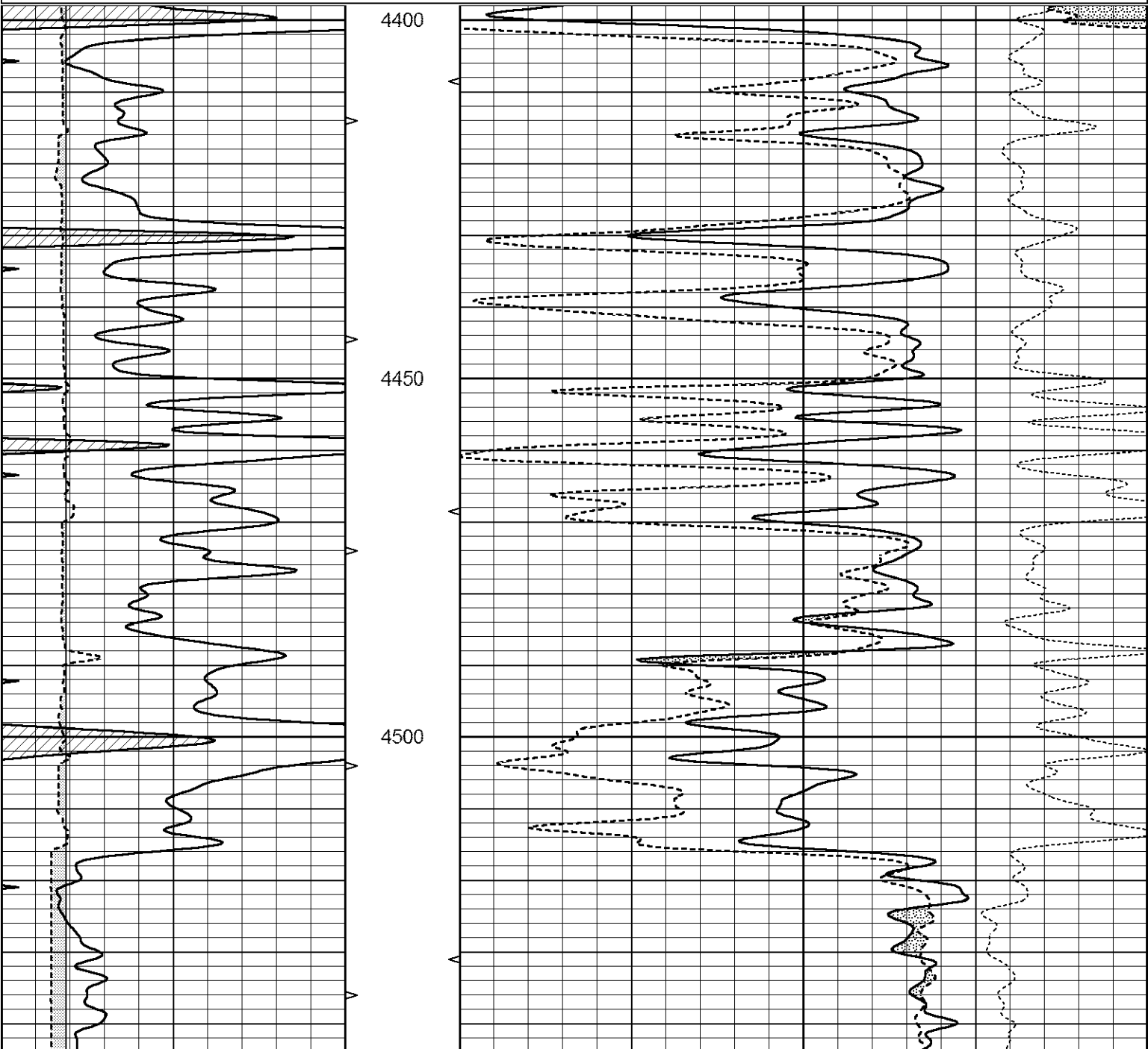
0	CALIPER (in)	10	BVTX	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3) 10			

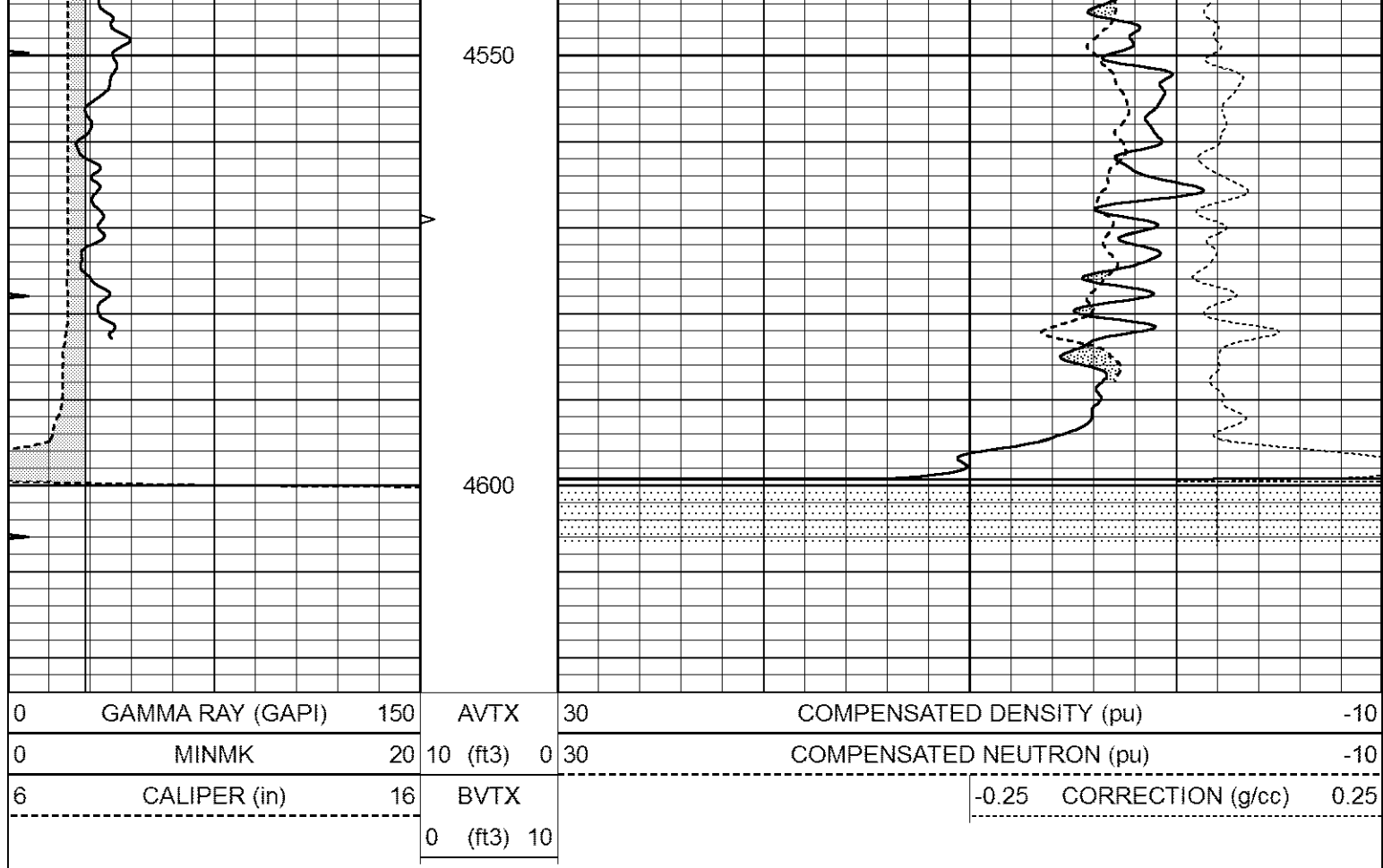


REPEAT SECTION

Database File	6531.db
Dataset Pathname	pass3.15R
Presentation Format	_den_neu
Dataset Creation	Sat May 21 01:32:01 2022
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			





Calibration Report								
Database File	6531.db							
Dataset Pathname	pass4.3M							
Dataset Creation	Sat May 21 01:16:52 2022							
Dual Induction Calibration Report								
Serial-Model:			FW1410-56-Probe					
Surface Cal Performed:			Tue May 17 12:24:41 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	420.000	150.000
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	38.256	411.013	mmho/m	39.046	441.706	mmho/m	1.080	-2.280
LL3		7.471	V		2500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.085	V		4000.000	mmho-m		

After Survey Verification			Readings		Targets		Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.647	301.329	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	38.256	411.013	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								
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Master Calibration				Performed: Fri May 20 15:54:05 2022				
	Background		Aluminum	Magnesium				
Window 1	526.62		5342.09	23673.50		cps		
Window 2	45.76		1193.75	5754.52		cps		
Window 4	230.46		1217.66	5226.53		cps		
Window 5	528.28		9006.51	17231.14		cps		
Window 6	46.79		1299.69	2564.97		cps		
Window 8	249.94		3018.13	5689.52		cps		
Bulk Density	-		2.6020	1.6830		g/cc		
Pe	-		3.0000	2.5070		b/e		
LS Alpha:	: -1.8490		SS Alpha:	: -0.7728		LS CPE:	: 1.1631	
LS Beta:	: 124487.1845		SS Beta:	: 21517.8265		SS CPE:	: 1.8557	

Before Survey Background Counts Verification				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					

After Survey Background Counts Verification				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					

Lithodensity Caliper Calibration				Performed: Fri May 20 15:54:05 2022				
Results	Readings		References (in)					
	Low	High	Low	High	Gain	Offset		
	6574.2	3369.6	7.0	14.0	-0.0	22.2		

Before Survey Caliper Verification				Performed:				
	Reference		Reading					

Caliper (in) _____			
After Survey Caliper Verification		Performed:	
Reference	Reading		
Caliper (in) _____			
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
Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	7		
Tool Model:	Probe1		
Performed:	Tue May 17 12:24:57 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.6900	GAPI/cps	